

HILLSBOROUGH COUNTY COMMUNITY RATING SYSTEM 2014 – 2015 REPORTING PERIOD



Flooding event, July-August 2015



Flooding event, July-August 2015

Submitted to
Insurance Service Office, Inc.;
Subcontractor to the Federal Emergency Management Agency

Submitted by
Hillsborough County, September 17, 2015



Agenda Item Cover Sheet

Agenda Item N^o: A-38

Meeting Date September 16, 2015

- Consent Section
 Regular Section
 Public Hearing

Subject:
 Authorize the Chairman to sign the 2015 National Flood Insurance Program Community Rating System Annual Recertification.

Department Name: Public Works

Contact Person: John Lyons Contact Phone: 307-4754

Sign-Off Approvals:

<p>George Cassady <u>09/04/2015</u> <small>Assistant County Administrator Date</small></p>	<p>John Lyons <u>09/04/2015</u> <small>Department Director Date</small></p>
<p>Tom Fesler <u>09/04/2015</u> <small>Management and Budget -- Approved as to Financial Impact Accuracy Date</small></p>	<p>Cameron Clark <u>09/04/2015</u> <small>County Attorney -- Approved as to Legal Sufficiency Date</small></p>

Staff's Recommended Board Motion:
 Authorize the Chairman to sign the 2015 National Flood Insurance Program Community Rating System Annual Recertification, which certifies that Hillsborough County continues to implement the community activities upon which Hillsborough County's community rating is based. The execution and transmittal of this document will not have a fiscal impact upon the County's budget.

Financial Impact Statement:
 The execution and transmittal of this document will not have a fiscal impact upon the County's budget.

Background:
 The National Flood Insurance Program's (NFIP) Community Rating System (CRS) program is an incentive program that encourages communities to engage in "community activities" which exceed the minimum NFIP requirements. A comprehensive list of the community activities is set forth in Section 3 of the attached CRS Annual Recertification form. Staff has reviewed and verified that the County continues to implement activities as agreed upon with the Federal Emergency Management Agency. Communities are ranked in classes ranging from Class 1 (highest class) to Class 10 (lowest class) based upon the total number of points accrued and other CRS requirements. Flood insurance premium rates within each participating community are discounted based upon the ranking achieved. The discounts reflect the reduced flood risk to property owners as due to the community activities.

Hillsborough County has been a participant in the CRS since 1992 and is presently a Class 5 Community. The Class 5 rating places the County among the top 10% of all participating communities. Flood insurance policy holders within the County receive a premium discount of 25% for all required policies and 10% for optional policies.

The CRS program requires the County to execute and transmit a CRS Annual Recertification form each year in order to assure the Federal Emergency Management Association that the County continues to carry out the community activities upon which the County's community rating is based. The attached form is due on or before September 30, 2015.

List Attachments:

(1) CRS Annual Recertification AW 214 Form; (2) Required Documentation

CRS Annual Recertification Form AW 214
Hillsborough County Community Rating System Annual Recertification

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

Section 1. Community Data

If there are any changes or corrections to the information in this section, please line out the old item and write in the correction.

Community: HILLSBOROUGH COUNTY * State: FL NFIP Number: 120112

Recertification Date: 10/01/15

Chief Executive Officer:

Name: Sandra L. Murman Title: Chairman Board of County Commissioners

Address: P.O. Box 1110, 2nd Floor, Tampa, FL 33601

CRS Coordinator:

Name: Mr. Eugene Henry Title: CRS Coordinator

Address: P.O. Box 1110, 19^d Floor, Tampa, FL 33601

Coordinator's Phone: (813) 307-4541 Fax: (813) 272-5348

Email address: henrye@hillsboroughcounty.org

Section 2. Certification

I hereby certify that this community is continuing to implement the activities noted below as credited under the Community Rating System and described in our original application and subsequent modifications.

We are maintaining, to the best of my knowledge and belief, in force all flood insurance policies that have been required of us as a condition of federal financial assistance for insurable buildings owned by us and located in the Special Flood Hazard Area shown on our Flood Insurance Rate Map.

Signed: _____ Date: _____

Sandra L. Murman, Chairman Board of County Commissioners

AW-214-1

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

Section 3. Community Activities

Your community has been verified as receiving CRS credit for the following activities. If your community is still implementing these activities the CRS Coordinator needs to put his or her initials in the blank and attach the appropriate items. The numbers refer to the activity number which is found in the CRS Coordinator's Manual.

ERP 310 We are maintaining Elevation Certificates on all new and substantially improved buildings in our Special Flood Hazard Area.

ERP 310 We have issued 439 (insert number) permits for new construction and substantial improvements in the Special Flood Hazard Area in the last year.

ERP 310 **Attached** are 5 Elevation Certificates for new or substantially improved structures that have been completed in the last year.

ERP 310 We continue to make copies of Elevation Certificates on newer properties available at our present office location. Initial here if your office address has changed in the past year. Please provide new address with this form.

ERP 310 We continue to maintain storage of our records off site.

ERP 320 We are providing Flood Insurance Rate Map information and information on the flood insurance purchase requirement to inquirers. Initial here if the office address or the manner in which requests may be submitted has changed in the last year. Please provide the new office address or manner of submittal with this form.

ERP 320 **Attached** is a copy of the document that told lenders, insurance agents, and real estate offices about this service this year, including informing insurance agents about the availability of elevation certificates. ERP Initial here if the information is included in your annual outreach project to the community or is part of your community's outreach projects strategy. Mark the attachment to Activity 330 to show where this service is publicized.

ERP 320 **Attached** is a copy of one page of the log, a letter, or other record that we kept on this service this year.

ERP 320 We are continuing to keep our FIRM updated and maintain old copies of our FIRM.

ERP 330 **Attached** is a copy of this year's annual outreach project to the community.

ERP 330 **Attached** is a description of this year's annual outreach project to floodplain residents.

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

- ERP 330 **Attached** is a copy of the annual evaluation of our public information program strategy or a completed AW-330-3
- ERP 350 Our public library and website continues to maintain flood protection materials.
- ERP 350 We continue to conduct an annual review and update of the information and links in our flood protection website.
- ERP 360 We continue to provide flood protection assistance to inquirers.
- ERP 360 **Attached** is a copy of the document that told others about this service this year. ERP Initial here if the information is included in your annual outreach project to the community or to the flood plain properties, or is a part of our community's outreach projects strategy. Mark the attachment to Activity 330 to show where this service is publicized.
- ERP 360 **Attached** is a copy of one page of the log, a letter, or other record that we kept on this service this year.
- ERP 410 We continue to use our additional regulatory flood data before a new development can proceed in our floodplain.
- ERP 420 We continue to preserve our open space in the floodplain.
- ERP 430 We continue to enforce the floodplain management provisions of our zoning, subdivision and building code ordinances for which we are receiving credit. ERP Initial here if you have amended your floodplain regulations. Attach a copy of the amendment.
- ERP 430 We continue to keep track of building improvements and repairs. Before a new permit is issued, we check the permit record and count the projects' dollar value cumulatively to determine if a nonconforming building should be brought up to our standards for new construction.
- ERP 430 We continue to enforce our zoning ordinance in the credited low-density zones and/or areas of our community receiving credit for land development criteria. [] Initial here if you have changed the allowable density of development in any of your zoning districts, rezoned parcels in the floodplain or changed your land development criteria. Attach a copy of the amendment.
- ERP 430 We continue to enforce our current building code. ERP Initial here if you have amended your building code. Attach a copy of the amendment.

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

EPA 430 We continue to employ those staff credited for attaining their CFM, and those who have attended the credited training courses. EPA Initial here if your staff has changed and attach a statement as to the staffing changes.

EPA 440 We continue to use and update our flood data maintenance system on an annual basis as needed.

EPA 440 We continue to maintain our system of Benchmarks. [] Initial here if any Benchmarks were found to be missing or inaccurate. Attach a copy of the correct elevation or a description of the missing Benchmark.

EPA 450 We continue to enforce the stormwater management provisions of our zoning, subdivision and building code ordinances for new developments in the watershed. [] Initial here if you have amended your stormwater management regulations. Attach a copy of the amendment.

EPA 450 We continue to enforce the requirement that all new buildings outside the SFHA must be elevated above the street or otherwise protected from drainage problems.

EPA 450 We continue to inspect and maintain the public stormwater facilities for which credit has been verified.

EPA 502 Attached is a copy of this year's notice on property protection that we sent to our repetitive loss areas.

EPA 502 We currently have 219 repetitive loss properties and send our notice to 16,483 properties in the repetitive loss areas.

EPA 510 **Attached** is a copy of our floodplain management plan's annual progress report and/or a copy of the annual progress report on the recommendations of the area analyses.

EPA 510 We have provided copies of this progress report to our governing board, local media, and the state NFIP Coordinating office.

EPA 520 We continue to maintain as open space the lots where buildings were acquired or relocated out of the floodplain. [] Initial here if there have been any changes (additions or deletions) to the parcels credited as open space. Attach a description of those changes.

EPA 530 We continue to encourage property owners interested in retrofitting their buildings to protect them from flood damage. [] Initial here if there have been any changes (additions or deletions) to the buildings credited as being flood protected. Attach a description of those changes.

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

-  540 We continue to implement our drainage system maintenance program.
-  540 We continue to implement the sections of our Capital Improvements Program which pertain to the drainage system maintenance.
-  540 **Attached** is a copy of a typical inspection report and a copy of the record that shows that any needed maintenance was performed.
-  540 We continue to enforce our stream dumping regulations.
-  540 **Attached** is a copy of this year's outreach project that explained our stream dumping regulations.  Initial here if the information is included in your annual outreach project to the community or is part of your community's outreach projects strategy. Mark the attachment to Activity 330 to show where your stream dumping regulations are explained. Initial here if you publicize the regulations with "no dumping" signs instead of through an outreach project.
-  610 We have maintained and tested our flood threat recognition system.
-  610 **Attached** is a report evaluating how our flood warning program worked during the flood(s) we had this year. Initial here if your community did not have a flood that qualifies for evaluating the program (i.e., a flood that damaged more than 10 buildings, caused more than \$50,000 in property damage, or caused the death of one or more persons.)
-  610 We tested our warning dissemination equipment and procedures this year.
-  610 **Attached** is a copy of this year's outreach document that told people about the flood warnings and safety measures.  Initial here if the information is included in your annual outreach project to the community or to flood plain properties, or is a part of your community's outreach projects strategy. Mark the attachment to Activity 330 to show where the flood warnings and safety measures are explained.
-  610 We conducted at least one exercise of our flood response plan this year.
-  610 We have completed our annual update of the names and telephone numbers of the operators of all critical facilities affected by flooding.

NFIP Number: 120112

Hillsborough County Community Rating System Annual Recertification

Because of the size of background documents for the CRS Annual Recertification, the background documents have been placed on the Hillsborough County web site for review at the following web address: <http://fl-hillsboroughcounty.civicplus.com/index.aspx?NID=1796>, select file CRS 2015 Annual Recertification Background.

**CRS 2014/2015
Annual Recertification
Activities form October 2014 to September 2015**

Hillsborough County, Florida

Community 120112

Table of Contents

Description

Transmittal Letter from the CRS Coordinator

**Recertification activity Worksheet AW 214-1
(Signature Page and Agenda)**

Recertification Activity Worksheets AW 214-2 through 5

Activity Background Submittals

Activity 300

Activity 400

Activity 500

Activity 600



Public Works

September 16, 2015

**Board of County
Commissioners**

Kevin Beckner
Victor D. Crist
Ken Hagan
Al Higginbotham
Lesley "Les" Miller, Jr.
Sandra L. Murman
Stacy R. White

County Administrator
Michael S. Merrill

County Administrator
Executive Team

Lucia E. Garsys
Carl S. Harness
Gregory S. Horwedel
Ramin Kouzehkanani
Liana Lopez
Bonnie M. Wise

Interim Internal Auditor
Peggy Caskey

County Attorney
Chip Fletcher

Public Works

PO Box 1110
Tampa, FL 33601-1110
Phone: (813) 272-5912
Fax: (813) 272-5811

Craig Carpenter, CFM
ISO/CRS Specialist
Insurance Services Office
19 Hugh Avenue
Dallas, Georgia 30132

SUBJECT: TRANSMITTAL LETTER, COMMUNITY 120112, HILLSBOROUGH COUNTY, FLORIDA; ANNUAL CRS RECERTIFICATION

Dear Mr. Carpenter,

Please find enclosed the annual recertification for the 2014-2015 reporting period. The submittal includes the Activity Worksheets associated with AW-214 and the supporting backup documentation. The document has been signed by the Chairman of the Board of County Commissioners, which was approved to sign the document by a vote of the entire Board during a regularly scheduled public meeting on September 16, 2015. The meeting was formally noticed and public and private entities were granted the opportunity to review the summary information that is forwarded with the signature form. Where applicable, the report has a short summary of the work Hillsborough County has performed towards each activity and contains applicable supplementary material.

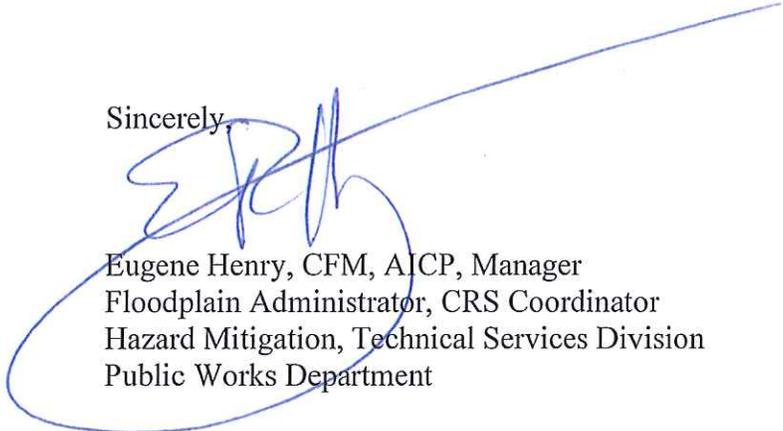
During the reporting period, Hillsborough County did have a flooding event as defined by the National Flood Insurance Program to report. An activity report associated with the Floodplain Management Plan and has been included, which provides the required annual review of activities associated with repetitive flood losses, the annual outreach program and activities outlined within the Floodplain Management Plan.

The County did modify the Hillsborough County Construction Code to meet requirements with the update of the Florida Building Code; however, respective changes did not change the Flood Damage Control Regulations that are contained within the Hillsborough County Construction Code.

Craig Carpenter, CFM
ISO/CRS Specialist
Transmittal Letter
2014-2015 CRS Annual Recertification, Community 120112
September 16, 2015; Page 2 of 2

Hillsborough County and agencies implementing the floodplain management program appreciate the opportunity to work with the Insurance Service Office, Inc., you, the State, and Federal Emergency Management Agency (FEMA). Additionally, your assistance in working through the annual recertification process has been greatly appreciated. If you have any questions or need additional information, please contact me at your convenience.

Sincerely,



Eugene Henry, CFM, AICP, Manager
Floodplain Administrator, CRS Coordinator
Hazard Mitigation, Technical Services Division
Public Works Department

Enclosure: Annual Recertification, AW214 and Background Documentation

- x. John Lyons, PE, Director, Public Works Department
James Hudock, Director, Technical Services Division
Cameron Clark, Assistant County Attorney
Andrea Iverson, CFM, Manager, Building Services |

Activity AW 214

CRS Annual Recertification Form AW 214

Hillsborough County Community Rating System Annual Recertification

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

Section 1. Community Data

If there are any changes or corrections to the information in this section, please line out the old item and write in the correction.

Community: HILLSBOROUGH COUNTY * State: FL NFIP Number: 120112

Recertification Date: 10/01/15

Chief Executive Officer:

Name: Sandra L. Murman Title: Chairman Board of County Commissioners

Address: P.O. Box 1110, 2nd Floor, Tampa, FL 33601

CRS Coordinator:

Name: Mr. Eugene Henry Title: CRS Coordinator

Address: P.O. Box 1110, 19th Floor, Tampa, FL 33601

Coordinator's Phone: (813) 307-4541 Fax: (813) 272-5348

Email address: hennye@hillsboroughcounty.org

Section 2. Certification

I hereby certify that this community is continuing to implement the activities noted below as credited under the Community Rating System and described in our original application and subsequent modifications.

We are maintaining, to the best of my knowledge and belief, in force all flood insurance policies that have been required of us as a condition of federal financial assistance for insurable buildings owned by us and located in the Special Flood Hazard Area shown on our Flood Insurance Rate Map.

Signed: _____ Date: _____

Sandra L. Murman, Chairman Board of County Commissioners
AW-214-1

APPROVED BY COUNTY ATTORNEY

Approved as to Form and Legal Sufficiency

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

Section 3. Community Activities

Your community has been verified as receiving CRS credit for the following activities. If your community is still implementing these activities the CRS Coordinator needs to put his or her initials in the blank and attach the appropriate items. The numbers refer to the activity number which is found in the CRS Coordinator's Manual.

EBL 310 We are maintaining Elevation Certificates on all new and substantially improved buildings in our Special Flood Hazard Area.

EBL 310 We have issued 439 (insert number) permits for new construction and substantial improvements in the Special Flood Hazard Area in the last year.

EBL 310 Attached are 5 Elevation Certificates for new or substantially improved structures that have been completed in the last year.

EBL 310 We continue to make copies of Elevation Certificates on newer properties available at our present office location. [] Initial here if your office address has changed in the past year. Please provide new address with this form.

EBL 310 We continue to maintain storage of our records off site.

EBL 320 We are providing Flood Insurance Rate Map information and information on the flood insurance purchase requirement to inquirers. [] Initial here if the office address or the manner in which requests may be submitted has changed in the last year. Please provide the new office address or manner of submittal with this form.

EBL 320 Attached is a copy of the document that told lenders, insurance agents, and real estate offices about this service this year, including informing insurance agents about the availability of elevation certificates. *EBL* Initial here if the information is included in your annual outreach project to the community or is part of your community's outreach projects strategy. Mark the attachment to Activity 330 to show where this service is publicized.

EBL 320 Attached is a copy of one page of the log, a letter, or other record that we kept on this service this year.

EBL 320 We are continuing to keep our FIRM updated and maintain old copies of our FIRM.

EBL 330 Attached is a copy of this year's annual outreach project to the community.

EBL 330 Attached is a description of this year's annual outreach project to floodplain residents.
AW-214-2

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

- EPN* 330 Attached is a copy of the annual evaluation of our public information program strategy or a completed AW-330-3
- EPN* 350 Our public library and website continues to maintain flood protection materials.
- EPN* 350 We continue to conduct an annual review and update of the information and links in our flood protection website.
- EPN* 360 We continue to provide flood protection assistance to inquirers.
- EPN* 360 Attached is a copy of the document that told others about this service this year. *EPN* Initial here if the information is included in your annual outreach project to the community or to the flood plain properties, or is a part of our community's outreach projects strategy. Mark the attachment to Activity 330 to show where this service is publicized.
- EPN* 360 Attached is a copy of one page of the log, a letter, or other record that we kept on this service this year.
- EPN* 410 We continue to use our additional regulatory flood data before a new development can proceed in our floodplain.
- EPN* 420 We continue to preserve our open space in the floodplain.
- EPN* 430 We continue to enforce the floodplain management provisions of our zoning, subdivision and building code ordinances for which we are receiving credit. *EPN* Initial here if you have amended your floodplain regulations. Attach a copy of the amendment.
- EPN* 430 We continue to keep track of building improvements and repairs. Before a new permit is issued, we check the permit record and count the projects' dollar value cumulatively to determine if a nonconforming building should be brought up to our standards for new construction.
- EPN* 430 We continue to enforce our zoning ordinance in the credited low-density zones and/or areas of our community receiving credit for land development criteria. [] Initial here if you have changed the allowable density of development in any of your zoning districts, rezoned parcels in the floodplain or changed your land development criteria. Attach a copy of the amendment.
- EPN* 430 We continue to enforce our current building code. *EPN* Initial here if you have amended your building code. Attach a copy of the amendment.

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

- 430 We continue to employ those staff credited for attaining their CFM, and those who have attended the credited training courses. ERK Initial here if your staff has changed and attach a statement as to the staffing changes.
- 440 We continue to use and update our flood data maintenance system on an annual basis as needed. ERK
- 440 We continue to maintain our system of Benchmarks. [] Initial here if any Benchmarks were found to be missing or inaccurate. Attach a copy of the correct elevation or a description of the missing Benchmark. ERK
- 450 We continue to enforce the stormwater management provisions of our zoning, subdivision and building code ordinances for new developments in the watershed. [] Initial here if you have amended your stormwater management regulations. Attach a copy of the amendment. ERK
- 450 We continue to enforce the requirement that all new buildings outside the SFHA must be elevated above the street or otherwise protected from drainage problems. ERK
- 450 We continue to inspect and maintain the public stormwater facilities for which credit has been verified. ERK
- 502 Attached is a copy of this year's notice on property protection that we sent to our repetitive loss areas. ERK
- 502 We currently have 29 repetitive loss properties and send our notice to 16,483 properties in the repetitive loss areas. ERK
- 510 Attached is a copy of our floodplain management plan's annual progress report and/or a copy of the annual progress report on the recommendations of the area analyses. ERK
- 510 We have provided copies of this progress report to our governing board, local media, and the state NFIP Coordinating office. ERK
- 520 We continue to maintain as open space the lots where buildings were acquired or relocated out of the floodplain. [] Initial here if there have been any changes (additions or deletions) to the parcels credited as open space. Attach a description of those changes. ERK
- 530 We continue to encourage property owners interested in retrofitting their buildings to protect them from flood damage. [] Initial here if there have been any changes (additions or deletions) to the buildings credited as being flood protected. Attach a description of those changes. ERK

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

SPM 540 We continue to implement our drainage system maintenance program.

SPM 540 We continue to implement the sections of our Capital Improvements Program which pertain to the drainage system maintenance.

SPM 540 Attached is a copy of a typical inspection report and a copy of the record that shows that any needed maintenance was performed.

SPM 540 We continue to enforce our stream dumping regulations.

SPM 540 Attached is a copy of this year's outreach project that explained our stream dumping regulations. SPM Initial here if the information is included in your annual outreach project to the community or is part of your community's outreach projects strategy. Mark the attachment to Activity 330 to show where your stream dumping regulations are explained. [] Initial here if you publicize the regulations with "no dumping" signs instead of through an outreach project.

SPM 610 We have maintained and tested our flood threat recognition system.

SPM 610 Attached is a report evaluating how our flood warning program worked during the flood(s) we had this year. [] Initial here if your community did not have a flood that qualifies for evaluating the program (i.e., a flood that damaged more than 10 buildings, caused more than \$50,000 in property damage, or caused the death of one or more persons.)

SPM 610 We tested our warning dissemination equipment and procedures this year.

SPM 610 Attached is a copy of this year's outreach document that told people about the flood warnings and safety measures. SPM Initial here if the information is included in your annual outreach project to the community or to flood plain properties, or is a part of your community's outreach projects strategy. Mark the attachment to Activity 330 to show where the flood warnings and safety measures are explained.

SPM 610 We conducted at least one exercise of our flood response plan this year.

SPM 610 We have completed our annual update of the names and telephone numbers of the operators of all critical facilities affected by flooding.

NFIP Number: 120112

Hillsborough County Community Rating System Annual Recertification

Because of the size of background documents for the CRS Annual Recertification, the background documents have been placed on the Hillsborough County web site for review at the following web address: <http://fl-hillsboroughcounty.civicplus.com/index.aspx?NID=1796>, select file CRS 2015 Annual Recertification Background.

Hillsborough County

Community Rating System Annual Certification

Activity 310
Elevation Certificates

ELEVATION CERTIFICATE

IMPORTANT: Follow the instructions on pages 1-9.

OMB No. 1660-0008
 Expiration Date: July 31, 2015

PCMO3133

SECTION A - PROPERTY INFORMATION		FOR INSURANCE COMPANY USE
A1. Building Owner's Name <u>Harbour Isles CDD</u>		Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or PO. Route and Box No. <u>123 Spindle Shell Way</u>		Company NAIC Number:
City <u>Apollo Beach</u>	State <u>FL</u>	ZIP Code <u>33572</u>
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) <u>Part of Tract "E" Harbour Isles Phase 1 (Plat Book 103 Pages 122-152) Hillsborough County, FL</u>		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Non-Residential (Fitness Center)</u>		
A5. Latitude/Longitude: Lat. <u>N 27° 44' 44.3"</u> Long. <u>W 82° 24' 56.0"</u> Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983		
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.		
A7. Building Diagram Number <u>1B</u>		
A8. For a building with a crawlspace or enclosure(s):		A9. For a building with an attached garage:
a) Square footage of crawlspace or enclosure(s) <u>N/A</u> sq ft		a) Square footage of attached garage <u>N/A</u> sq ft
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>N/A</u>		b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>N/A</u>
c) Total net area of flood openings in A8.b <u>N/A</u> sq in		c) Total net area of flood openings in A9.b <u>N/A</u> sq in
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number <u>Hillsborough County 120112</u>		B2. County Name <u>Hillsborough</u>		B3. State <u>FL</u>	
B4. Map/Panel Number <u>12057C0656</u>	B5. Suffix <u>H</u>	B6. FIRM Index Date <u>09/27/2013</u>	B7. FIRM Panel Effective/Revised Date <u>08/28/2008</u>	B8. Flood Zone(s) <u>AE</u>	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) <u>9'</u>
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date: <u>n/a</u> / _____ / _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)	
C1. Building elevations are based on: <input type="checkbox"/> Construction Drawings* <input type="checkbox"/> Building Under Construction* <input checked="" type="checkbox"/> Finished Construction *A new Elevation Certificate will be required when construction of the building is complete.	
C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters. Benchmark Utilized: <u>Cut on Transformer pad Elev= 8.79</u> Vertical Datum: <u>NAVD 1988</u>	
Indicate elevation datum used for the elevations in items a) through h) below. <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____ Datum used for building elevations must be the same as that used for the BFE.	
Check the measurement used.	
a) Top of bottom floor (including basement, crawlspace, or enclosure floor) <u>10.2</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor <u>N/A</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only) <u>N/A</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab) <u>N/A</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) <u>10.4</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG) <u>9.4</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG) <u>9.6</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support <u>N/A</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION			
This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.			
<input checked="" type="checkbox"/> Check here if comments are provided on back of form.		Were latitude and longitude in Section A provided by a licensed land surveyor? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input checked="" type="checkbox"/> Check here if attachments.			
Certifier's Name <u>Scott R. Fowler</u>		License Number <u>5185</u>	
Title <u>Florida Registered Surveyor</u>		Company Name <u>Landmark Engineering & Surveying Corporation</u>	
Address <u>8515 Palm River Road</u>		City <u>Tampa</u>	State <u>FL</u>
Signature <u>Scott R. Fowler</u>		Date <u>11/11/2014</u>	Telephone <u>(813) 621-7841</u>

ELEVATION CERTIFICATE, page 2

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE	
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 123 Spindle Shell Way			Policy Number:	
City Apollo Beach	State FL	ZIP Code 33572	Company NAIC Number:	

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments: Not valid without the signature and original seal of a Florida Registered Surveyor and Mapper. Date of Field Work: 11/11/2014. Latitude and Longitude obtained with a hand held GPS device.

Signature: *Scott Brewer* Date: 11/11/2014

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).

a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ feet meters above or below the HAG.

b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ feet meters above or below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ feet meters above or below the HAG.

E3. Attached garage (top of slab) is _____ feet meters above or below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____ feet meters above or below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? Yes No Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner or Owner's Authorized Representative's Name _____

Address _____	City _____	State _____	ZIP Code _____
Signature _____	Date _____	Telephone _____	

Comments _____

Check here if attachments.

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. The following information (Items G4–G9) is provided for community floodplain management purposes

G4. Permit Number _____	G5. Date Permit Issued _____	G6. Date Certificate Of Compliance/Occupancy Issued _____
-------------------------	------------------------------	---

G7. This permit has been issued for: New Construction Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____ feet meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____ feet meters Datum _____

G10. Community's design flood elevation: _____ feet meters Datum _____

Local Official's Name _____	Title _____
Community Name _____	Telephone _____
Signature _____	Date _____

Comments _____

Check here if attachments.

ELEVATION CERTIFICATE

IMPORTANT: Follow the instructions on pages 1-9.

SFR 71886

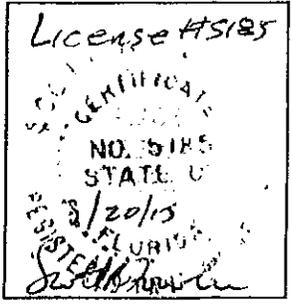
OMB No. 1660-0008
 Expiration Date: July 31, 2015

SECTION A - PROPERTY INFORMATION		FOR INSURANCE COMPANY USE
A1. Building Owner's Name Adams Homes of Northwest Florida, Inc		Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or PO, Route and Box No. 1231 Sheridan Bay Dr.		Company NAIC Number:
City Ruskin	State FL	ZIP Code 33570
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) Lot 41, Block 1 Venetian at Bay Park (PB 103, Pg 260 - 269)		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential		
A5. Latitude/Longitude: Lat. N 27° 43' 46.5" Long. W 82° 25' 00.1" Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983		
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.		
A7. Building Diagram Number 1A		
A8. For a building with a crawlspace or enclosure(s):		A9. For a building with an attached garage:
a) Square footage of crawlspace or enclosure(s) N/A sq ft		a) Square footage of attached garage 361 sq ft
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade N/A		b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0
c) Total net area of flood openings in A8.b N/A sq in		c) Total net area of flood openings in A9.b 0 sq in
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number Hillsborough County 120112			B2. County Name Hillsborough		B3. State Florida
B4. Map/Panel Number 12057C0656	B5. Suffix H	B6. FIRM Index Date 09/27/2013	B7. FIRM Panel Effective/Revised Date 08/28/2008	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone A0, use base flood depth) 9'
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date: n/a / ____ / ____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)	
C1. Building elevations are based on: <input type="checkbox"/> Construction Drawings* <input type="checkbox"/> Building Under Construction* <input checked="" type="checkbox"/> Finished Construction *A new Elevation Certificate will be required when construction of the building is complete.	
C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters. Benchmark Utilized: N&D CI Lot 45 & 46 Blk 1 Elev = 8.65' Vertical Datum: NAVD 1988 Indicate elevation datum used for the elevations in items a) through h) below. <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____ Datum used for building elevations must be the same as that used for the BFE.	
Check the measurement used.	
a) Top of bottom floor (including basement, crawlspace, or enclosure floor) 10.8	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor N/A	<input type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only) N/A	<input type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab) 10.4	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments) 10.5	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG) 10.1	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG) 10.4	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support N/A	<input type="checkbox"/> feet <input type="checkbox"/> meters

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION			
This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.			
<input checked="" type="checkbox"/> Check here if comments are provided on back of form.		Were latitude and longitude in Section A provided by a licensed land surveyor? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input checked="" type="checkbox"/> Check here if attachments.			
Certifier's Name Scott R. Fowler		License Number 5185	
Title Florida Registered Surveyor		Company Name Landmark Engineering & Surveying Corporation	
Address 8515 Palm River Road		City Tampa	State FL
Signature <i>Scott R. Fowler</i>		ZIP Code 33619	Telephone (813) 621-7841
Date 05/20/2015			



ELEVATION CERTIFICATE, page 2

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1231 Sheridan Bay Dr.			Policy Number:
City Ruskin	State FL	ZIP Code 33570	Company NAIC Number:

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments Not valid without the signature and original seal of a Florida Registered Surveyor and Mapper. Date of Field Work: 05/19/2015. Latitude and Longitude obtained with a handheld GPS device. The equipment referenced in C2e is the water heater, located inside the structure. Air Conditioner Elev = 10.83'

Signature *Scott H. Newlin* Date 05/20/2015

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMRF request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
- a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ feet meters above or below the HAG.
- b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ feet meters above or below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ feet meters above or below the HAG.
- E3. Attached garage (top of slab) is _____ feet meters above or below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ feet meters above or below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? Yes No Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner or Owner's Authorized Representative's Name _____

Address	City	State	ZIP Code
Signature	Date	Telephone	
Comments			

Check here if attachments.

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. The following information (Items G4–G9) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued
-------------------	------------------------	---

- G7. This permit has been issued for: New Construction Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: _____ feet meters Datum _____
- G9. BFE or (in Zone AO) depth of flooding at the building site: _____ feet meters Datum _____
- G10. Community's design flood elevation: _____ feet meters Datum _____

Local Official's Name	Title
Community Name	Telephone
Signature	Date
Comments	

Check here if attachments.

ELEVATION CERTIFICATE

FMH01903

OMB No. 1660-0008
 Expiration Date: July 31, 2015

Important: Read the instructions on pages 1-9.

SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name Robert & Jane Potter		FOR INSURANCE COMPANY USE
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 260 Port Royal Ln.		Policy Number:
City Apollo Beach State FL ZIP Code 33572		Company NAIC Number:
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) UNIT 429, CARIBBEAN ISLES RESIDENTIAL COOP;		

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential

A5. Latitude/Longitude: Lat. N27°46'29.06" Long. W82°23'39.63" Horizontal Datum: NAD 1927 NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 5

A8. For a building with a crawlspace or enclosure(s):

a) Square footage of crawlspace or enclosure(s)	<u>982</u> sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade	<u>n/a</u>
c) Total net area of flood openings in A8.b	<u>n/a</u> sq in
d) Engineered flood openings?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

A9. For a building with an attached garage:

a) Square footage of attached garage	<u>n/a</u> sq ft
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade	<u>n/a</u>
c) Total net area of flood openings in A9.b	<u>n/a</u> sq in
d) Engineered flood openings?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number HILSBOROUGH COUNTY 120112		B2. County Name HILSBOROUGH COUNTY		B3. State FL	
B4. Map/Panel Number 12057C0494	B5. Suffix H	B6. FIRM Index Date 9/27/13	B7. FIRM Panel Effective/Revised Date 8/28/08	B8. Flood Zone(s) AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 9'

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
 FIS Profile FIRM Community Determined Other/Source: _____

B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source: _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No
 Designation Date: n/a CBRS OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: Construction Drawings* Building Under Construction* Finished Construction
 *A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.
 Benchmark Utilized: VD-165F Vertical Datum: N.A.V.D.'88
 Indicate elevation datum used for the elevations in items a) through h) below. NGVD 1929 NAVD 1988 Other/Source: _____
 Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>11.0</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	<u>n/a</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>n/a</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab)	<u>n/a</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>11.8</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>6.8</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>8.1</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>8.1</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? Yes No

Check here if attachments.

Certifier's Name Michael D. Hutchinson	License Number 6280
Title P.S.M.	Company Name HUTCHINSON SURVEYING AND MAPPING
Address 2313 PA...	City Valrico State FL ZIP Code 33594
Signature <i>[Signature]</i>	Date 5/18/2015 Telephone 813-817-6151

[Handwritten Signature]
 ASUC200
 5/18/2015

ELEVATION CERTIFICATE, page 2

IMPORTANT: In these spaces, copy the corresponding information from Section A.	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 260 Port Royal Ln.	Policy Number:
City Apollo Beach State FL ZIP Code 33572	Company NAIC Number:

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments 1.) Area under home is open.
2.) Equipment servicing the residence is an Air Conditioner Unit.

Signature  Date 5/18/2015

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
 - a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ feet meters above or below the HAG.
 - b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ feet meters above or below the HAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ feet meters above or below the HAG.
- E3. Attached garage (top of slab) is _____ feet meters above or below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ feet meters above or below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? Yes No Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner's or Owner's Authorized Representative's Name _____

Address	City	State	ZIP Code
Signature	Date	Telephone	
Comments _____			

Check here if attachments.

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued
-------------------	------------------------	---

- G7. This permit has been issued for: New Construction Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: _____ feet meters Datum _____
- G9. BFE or (in Zone AO) depth of flooding at the building site: _____ feet meters Datum _____
- G10. Community's design flood elevation: _____ feet meters Datum _____

Local Official's Name	Title
Community Name	Telephone
Signature	Date
Comments _____	

Check here if attachments.

ELEVATION CERTIFICATE

51271817

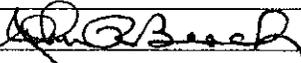
OMB No. 1660-0008
 Expiration Date: July 31, 2015

Important: Read the instructions on pages 1-9.

SECTION A - PROPERTY INFORMATION	FOR INSURANCE COMPANY USE
A1. Building Owner's Name LENNAR HOMES	Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 16651 MYRTLE SAND DR	Company NAIC Number:
City SUN CITY CENTER State FL ZIP Code 33573	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) LOT 52, BLOCK 29, SUNSHINE VILLAGE PHASE 1B-2	
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL	
A5. Latitude/Longitude: Lat. 27°42'29.11"N Long. 82°20'02.45"W	Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.	
A7. Building Diagram Number 1A	
A8. For a building with a crawlspace or enclosure(s):	A9. For a building with an attached garage:
a) Square footage of crawlspace or enclosure(s) N/A sq ft	a) Square footage of attached garage 394 sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade N/A	b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0
c) Total net area of flood openings in A8.b N/A sq in	c) Total net area of flood openings in A9.b 0 sq in
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number HILLSBOROUGH COUNTY 120112		B2. County Name HILLSBOROUGH		B3. State FLORIDA	
B4. Map/Panel Number 12103C0680	B5. Suffix H	B6. FIRM Index Date 9/27/13	B7. FIRM Panel Effective/Revised Date 8/28/08	B8. Flood Zone(s) X,AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 61'
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9. <input type="checkbox"/> FIS Profile <input checked="" type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date: N/A <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)	
C1. Building elevations are based on: <input type="checkbox"/> Construction Drawings* <input type="checkbox"/> Building Under Construction* <input checked="" type="checkbox"/> Finished Construction *A new Elevation Certificate will be required when construction of the building is complete.	
C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters. Benchmark Utilized: 4696 Vertical Datum: NAVD Indicate elevation datum used for the elevations in items a) through h) below. <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source: _____ Datum used for building elevations must be the same as that used for the BFE.	
Check the measurement used.	
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	66.41 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	77.08 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	N/A <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab)	65.82 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	66.44 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	65.3 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	65.8 <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	N/A <input checked="" type="checkbox"/> feet <input type="checkbox"/> meters

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION	
This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.	
<input checked="" type="checkbox"/> Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<input type="checkbox"/> Check here if attachments.	
Certifier's Name JOHN R BEACH	License Number 2984
Title P.L.S.	Company Name JOHN R. BEACH & ASSOCIATES, INC.
Address 911 ST. PETERSBURG DR W	City OLDSMAR State FL ZIP Code 34677
Signature 	Date 7/27/2015 Telephone 813-854-1276

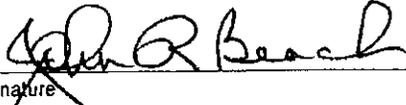
John R Beach
 RES. 2984
 07/27/2015

IMPORTANT: In these spaces, copy the corresponding information from Section A.		FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 16651 MYRTLE SAND DR		Policy Number:
City SUN CITY CENTER	State FL ZIP Code 33573	Company NAIC Number:

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments C2(e) = A/C ELEV

Signature 

Date 7/27/2015

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
 - a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ feet meters above or below the HAG.
 - b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ feet meters above or below the LAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ feet meters above or below the HAG.
- E3. Attached garage (top of slab) is _____ feet meters above or below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ feet meters above or below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? Yes No Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner's or Owner's Authorized Representative's Name _____

Address _____	City _____	State _____	ZIP Code _____
Signature _____	Date _____	Telephone _____	
Comments _____			

Check here if attachments.

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number _____	G5. Date Permit Issued _____	G6. Date Certificate Of Compliance/Occupancy Issued _____
-------------------------	------------------------------	---

- G7. This permit has been issued for: New Construction Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: _____ feet meters Datum _____
- G9. BFE or (in Zone AO) depth of flooding at the building site: _____ feet meters Datum _____
- G10. Community's design flood elevation: _____ feet meters Datum _____

Local Official's Name _____	Title _____
Community Name _____	Telephone _____
Signature _____	Date _____
Comments _____	

Check here if attachments.

ELEVATION CERTIFICATE

5FR71867

OMB No. 1660-0008
 Expiration Date: July 31, 2015

Important: Read the instructions on pages 1-9.

SECTION A - PROPERTY INFORMATION		FOR INSURANCE COMPANY USE
A1. Building Owner's Name KB HOMES		Policy Number:
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 11535 SOUTHERN CREEK DR		Company NAIC Number:

City GIBSONTON State FL ZIP Code 33534

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
 LOT 20, BLOCK 2, SOUTHGATE PHASE 1/2

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL

A5. Latitude/Longitude: Lat. 27°49'54.45"N Long. 82°22'27.34"W Horizontal Datum: NAD 1927 NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 1A

A8. For a building with a crawlspace or enclosure(s):

a) Square footage of crawlspace or enclosure(s)	<u>N/A</u> sq ft	A9. For a building with an attached garage:	a) Square footage of attached garage	<u>452</u> sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade	<u>N/A</u>	b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade	<u>0</u>	
c) Total net area of flood openings in A8.b	<u>N/A</u> sq in	c) Total net area of flood openings in A9.b	<u>0</u> sq in	
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number HILLSBOROUGH COUNTY 120112		B2. County Name HILLSBOROUGH		B3. State FLORIDA	
B4. Map/Panel Number 12057C0503	B5. Suffix H	B6. FIRM Index Date 9/27/13	B7. FIRM Panel Effective/Revised Date 8/28/08	B8. Flood Zone(s) X,AE	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 10'

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
 FIS Profile FIRM Community Determined Other/Source: _____

B11. Indicate elevation datum used for BFE in Item B9: NGVD 1929 NAVD 1988 Other/Source: _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Yes No
 Designation Date: N/A CBRS OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: Construction Drawings* Building Under Construction* Finished Construction
 *A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations - Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.
 Benchmark Utilized: Structure #15 Vertical Datum: NAVD

Indicate elevation datum used for the elevations in items a) through h) below. NGVD 1929 NAVD 1988 Other/Source: _____
 Datum used for building elevations must be the same as that used for the BFE.

Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	<u>16.14</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
b) Top of the next higher floor	<u>26.77</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
c) Bottom of the lowest horizontal structural member (V Zones only)	<u>N/A</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
d) Attached garage (top of slab)	<u>15.56</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	<u>16.10</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
f) Lowest adjacent (finished) grade next to building (LAG)	<u>15.3</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
g) Highest adjacent (finished) grade next to building (HAG)	<u>15.6</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	<u>N/A</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? Yes No

Check here if attachments.

Certifier's Name JOHN R BEACH	License Number 2984
Title P.L.S.	Company Name JOHN R. BEACH & ASSOCIATES, INC.
Address 911 ST. PETERSBURG DR W	City OLDSMAR State FL ZIP Code 34677
Signature <i>John R Beach</i>	Date 7/31/2015 Telephone 813-854-1276

John R Beach
 PLS 2984
 07/31/2015

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE	
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 11535 SOUTHERN CREEK DR			Policy Number:	
City GIBSONTON	State FL	ZIP Code 33534	Company NAIC Number:	

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments C2(e) = A/C ELEV; conversion factor +0.90 for NGVD 1929

Signature 

Date 7/31/2015

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

- E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
 - a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ feet meters above or below the HAG.
 - b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____ feet meters above or below the HAG.
- E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____ feet meters above or below the HAG.
- E3. Attached garage (top of slab) is _____ feet meters above or below the HAG.
- E4. Top of platform of machinery and/or equipment servicing the building is _____ feet meters above or below the HAG.
- E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? Yes No Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner's or Owner's Authorized Representative's Name _____

Address _____	City _____	State _____	ZIP Code _____
Signature _____	Date _____	Telephone _____	

Comments _____

Check here if attachments.

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

- G1. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2. A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.
- G3. The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number _____	G5. Date Permit Issued _____	G6. Date Certificate Of Compliance/Occupancy Issued _____
-------------------------	------------------------------	---

- G7. This permit has been issued for: New Construction Substantial Improvement
- G8. Elevation of as-built lowest floor (including basement) of the building: _____ feet meters Datum _____
- G9. BFE or (in Zone AO) depth of flooding at the building site: _____ feet meters Datum _____
- G10. Community's design flood elevation: _____ feet meters Datum _____

Local Official's Name _____	Title _____
Community Name _____	Telephone _____
Signature _____	Date _____

Comments _____

Check here if attachments.

Hillsborough County Community Rating System Annual Certification

Activity 320
Map Information



Public Works

September 8, 2015

SAMPLE LETTER

Builders Association of Greater Tampa
2918 W. Kennedy Blvd., #201
Tampa, FL 33609

SUBJECT: Flood-Zone Determination Assistance

Dear Colleague:

It's the time of the year to request your assistance as a partner working with the National Flood Insurance Program (NFIP). You may recall, as a part of the County's participation with the NFIP, a request is made of you to help in providing information to residents and businesses regarding the assistance provided in identifying flood-hazard information. With respect to this service, your assistance is requested in maintaining the community's good standing with the NFIP by distributing the information below (or that is attached) to your membership.

As a community in good standing with the NFIP, citizens of unincorporated Hillsborough County are eligible for reduced Federal flood-insurance rates. As a part of our continued participation with the NFIP Community Rating System, the County must notify lenders, insurance agents, and real estate agents of the map determination service that is provided to the community. Your assistance in publishing either the shorter newsletter-insert provided below or the more detailed attached sample article. If you are able to assist, please forward a copy of your newsletter containing the announcement or article so that it may be included as verification along with other documentation sent to FEMA with respect to the County's participation with the NFIP.

Short message for a newsletter

Hillsborough County Assistance with Flood-map Determinations

Hillsborough County is a qualifying community under the Federal Emergency Management Agency's National Flood Insurance Program Community Rating System, giving residents the ability to obtain Federal flood insurance. For more information, including updated Hillsborough County flood maps, visit HillsboroughCounty.org and under the heading "Services", select Flood Maps. You also may call 813-307-4441.

Board of County Commissioners

Kevin Beckner
Victor D. Crist
Ken Hagan
Al Higginbotham
Lesley "Les" Miller, Jr.
Sandra L. Murman
Stacy R. White

County Administrator

Michael S. Merrill

County Administrator Executive Team

Lucia E. Garsys
Carl S. Harness
Gregory S. Horwedel
Ramin Kouzehkanani
Liana Lopez
Bonnie M. Wise

Interim Internal Auditor

Peggy Caskey

County Attorney

Chip Fletcher

Public Works

PO Box 1110
Tampa, FL 33601-1110
Phone: (813) 272-5912
Fax: (813) 272-5811

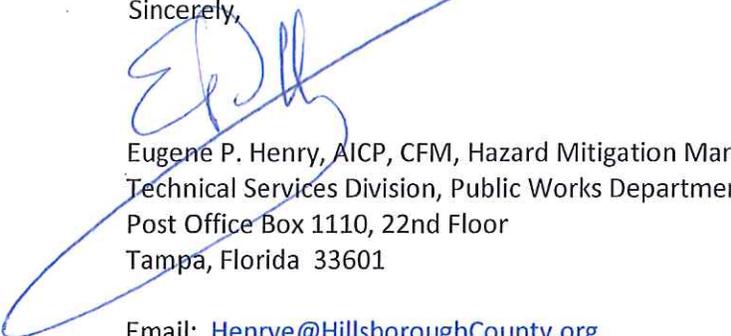
ACTIVITY 324

Hillsborough County National Flood Insurance Program Participation
Flood-Zone Determination Assistance
September 8, 2015; Page 2 of 2

Additionally, part of the program is to partner with you in order to reach your organization and membership through providing a sample newsletter article. Your assistance in having this information provided to your membership is greatly appreciated.

Thank-you again, for your consideration and help with informing our community.

Sincerely,



Eugene P. Henry, AICP, CFM, Hazard Mitigation Manager
Technical Services Division, Public Works Department
Post Office Box 1110, 22nd Floor
Tampa, Florida 33601

Email: Henrye@HillsboroughCounty.org

Attachment

x. James Hudock, Director, Public Works Department, Technical Services Division |

North Tampa Chamber of Commerce
P.O Box 82043
Tampa, FL 33682

Greater Tampa Chamber of Commerce
201 North Franklin Street, Suite 201
Tampa, FL 33602

Tampa Bay Builders Association (TBBA)
1210 Millennium Parkway
Suite 1051
Brandon, FL 33511

Greater Brandon Chamber of Commerce
330 Paul's Drive, Suite 100
Brandon, FL 33511

Town n' Country, Florida Chamber of Commerce
75 Paula Drive, Suite 105
Tampa, FL 33615

Greater Tampa Association of Realtors
2918 West Kennedy Boulevard
Tampa, FL 33609

SouthShore Chamber of Commerce
137 Harbor Village Lane
Apollo Beach, FL 33570

Greater Riverview Chamber of Commerce
10012 Water Works Lane
Riverview, FL 33578

Insurance Advisory Group
1111 N. Westshore Boulevard, Suite 208
Tampa, FL 33607

Our storm plan

To prepare for hurricane season – which runs from June 1 to Nov. 30 – we follow a 10-point storm-hardening project developed by Florida's investor-owned electric utilities in conjunction with the Florida Public Service Commission.

Our power restoration work in the community begins when it's safe for our crews to be outside (typically when winds are less than 40 mph) and focuses first on facilities critical to public health and safety. We then work to get the power back on for the most customers in the least amount of time. If a widespread outage requires additional help, Tampa Electric's membership in the Southeastern Electric Exchange provides support from other utilities. In turn, we will send crews to help restore power for other communities in need.

At tampaelectric.com/safety, click on the *Storm Safety* link to get to a brief video about how we restore power with a focus on you and the entire community.

Important hurricane season guidance

- **Stay away from downed power lines and avoid floodwaters.** Always assume that a downed power line is energized, and move away to safety. Floodwaters can hide energized power lines or other hazards, or put you at risk of drowning.

- **Caution: Use portable generators safely.** DO NOT connect your portable generator to your home's circuits. Plug your appliances directly into the generator. Connecting your generator to your home's circuits may cause power to flow to outside lines, posing life-threatening danger to power restoration crews. Also, portable generators must NOT be operated near air conditioning ducts or in residences or any enclosed space (including a closed garage) where deadly carbon monoxide gases could build up.

- **Update your primary phone number at tampaelectric.com.** Our automated power outage system, which you can access at 1-877-588-1010, identifies an outage at your residence or business by recognizing your phone number or Tampa Electric account number and matching it to the address we

have on record for that number. Your primary number is the phone number most frequently associated with your home or business service address, and it must be updated with us for the system to benefit you.

- **Help for special needs customers.** Counties provide shelter programs for those requiring special medical care. Special needs shelters are available for people requiring more skilled medical care than is available in a public shelter but not requiring an acute care facility, such as a hospital. To register for this kind of shelter care, please call the special needs registry in your area. Hillsborough: 813-307-8063; Polk: 863-534-5600; Pasco: 727-847-8137; and Pinellas: 727-464-3800.

- **Determine your flood zone status.** At hillsboroughcounty.org, click *FZ Departments, Public Works*, and then *Natural Hazard Planning* to see if you live in an area expected to experience heavy flooding in the event of severe weather.

Learn More
tampaelectric.com/safety

Here comes the sun – and we're ready

Put all the pieces together and you'll see how Tampa Electric's new solar panel array at LEGOLAND® is a big win for the community. The 30,000-watt solar photovoltaic (PV) system we installed atop LEGOLAND'S Imagination Zone can generate enough electricity from the sun to power three average-sized homes and offset about 40 tons of carbon dioxide per year – equivalent to planting more than nine acres of trees.

Later this summer, LEGOLAND will unveil a large interactive globe made entirely of Legos. Located right outside

the Imagination Zone, electricity from additional solar panels will power the globe's rotation, showing visitors of all ages how solar energy is created, how clouds and the angle of the sun impact generation and how electricity is transported from a solar array to a home or business. The interactive display will complement the existing energy lab located inside the Imagination Zone, where visitors learn

about all forms of energy.

Tampa Electric's Renewable Energy program makes this possible. Visit tampaelectric.com/renewable to find out more about what we're doing in the community. And see what Renewable Energy can do for you, whether that means a rebate for installing solar panels on your home, a subscription to energy generated from sources like the sun – conveniently added to your electric bill – or a one-time purchase for an event.

For Earth Day 2014, LEGOLAND was the first theme park in the U.S. to power all of its

operations with electricity generated from renewable energy. By going green this Earth Day, the park lightened its footprint by offsetting 24 tons of carbon dioxide. This is like removing three cars from the road for one year!

Imagine what a difference you too can make when you partner with us to realize the benefits of energy from sources like the sun.



WELLNESS TIP

Protect yourself from the sun with UVA and UVB sunscreen with a sun protective factor (SPF) of 30 or higher, and try to stay in the shade from 10 a.m. to 4 p.m. For more information, visit the American Academy of Dermatology online at aad.org.

Search for job openings at tampaelectric.com/careers.

We're ready to serve you:

Remember, you can handle many account-related needs at tampaelectric.com, including bill payment, changing your mailing address and turning your service on or off.

Our Customer Care hours are 7:30 a.m. to 6 p.m., Monday through Friday. Please use the phone number below that serves your county:

Customer Care:	
Hillsborough:	813-223-0800
Polk:	863-293-0600
Others:	1-888-223-0800
	Toll Free
Power Outages:	1-877-588-1010
	Toll Free

Open Lines also is available at tampaelectric.com. Tampa Electric is an Equal Opportunity Company. All rights reserved.

The Tampa Electric Company will publish the outreach early in the next fiscal year. Added, a second notice will be provided during the Spring or 2016. The delay was due to the County missing coordination deadlines in which the newsletter was to be published for this year. The attached newsletter is a sample and the example that will be produced in the coming weeks.

Activity 320
Logs Indicating Service

The Infrastructure and Development Services team has staff that assists in FIRM and flood insurance issues. This team does maintain daily logs that indicate what services are provided. Information recorded in respective logs include references to the inquirer and the item that required assistance from the County. These logs also have an item to denote flood insurance requirements if such are applicable. Offices and staff performing respective functions remain unchanged for this reporting period.

Staff Member: *Madeline Brown*

COMMUNITY RATING SYSTEM TRACKING AND PUBLIC INFORMATION LOG

Date: *8-24-15*

Agency: *DS (BSD) HM*

CONTACT INFORMATION				ACTIONS/COMMENTS				PROGRAM TYPE				
Name	Phone	Contact Code	Info. Dist. Code	Address	Folio/STR	Special Hazards/Precautions, Comments, Resolution, Followup, Site Info, ...	Fl. Ins. Given Y/N	Panel & Suffix	BFE/DFE	DFIRM FIRM Zone	CBRA or CA	Prog. Desc.
<i>Delaney</i>		<i>E</i>		<i>1312 Bluewater Dr.</i>	<i>7880.5310</i>	<i>6111 02021</i>	<i>N</i>	<i>60804</i>	<i>58.1</i>	<i>AE</i>		<i>NF30</i>
<i>Quadratic/Sweeney</i>		<i>E</i>		<i>8117 Quack House Dr.</i>	<i>49180.1216</i>	<i>BFE</i>	<i>Y</i>	<i>05214</i>	<i>3058</i>	<i>A</i>		
<i>Steff/Landman/Eng</i>		<i>E</i>		<i>624 Waterford Dr.</i>		<i>E & SFE 72454</i>	<i>N</i>					
<i>Morgan</i>		<i>WT</i>		<i>Coccolit Cms R20</i>	<i>87797.0000</i>		<i>Y</i>	<i>5304</i>	<i>30.5</i>	<i>AE</i>		
<i>Ryan Bon</i>	<i>4040775</i>			<i>603 SW 6th St.</i>	<i>54202.0000</i>	<i>FAB SFE 01937</i>	<i>N</i>	<i>05214</i>	<i>9</i>	<i>AE</i>		
<i>Shannon/Dunne</i>	<i>265-4795</i>			<i>3632 Cold Creek</i>	<i>87400.1038</i>	<i>BFE</i>	<i>Y</i>	<i>04154</i>	<i>4875</i>	<i>A</i>		
<i>Open Station</i>	<i>407-951-9425</i>			<i>3621 Springville Dr.</i>	<i>82400.6444</i>	<i>BFE negotiated</i>	<i>Y</i>	<i>04154</i>		<i>A</i>		
<i>OP Ellen Nelly</i>	<i>645-1540</i>			<i>11507 Captain King Dr.</i>	<i>7285.1796</i>		<i>Y</i>	<i>5044</i>		<i>X</i>		
<i>Shannon/131 Dunne</i>		<i>E</i>		<i>7411 Runtie Ln.</i>	<i>4580.4734</i>	<i>waiting on BFE</i>	<i>Y</i>	<i>01934</i>		<i>A</i>		
<i>Centro/Sweeney</i>		<i>E</i>		<i>7708 Burlington Ct.</i>	<i>2888.7928</i>	<i>BFE</i>	<i>Y</i>	<i>01794</i>	<i>4233</i>	<i>A</i>		

TOTAL Count this Page: *10 ROWS PER PAGE*

Page *1* of *1* for this date

- Notes:
- H* Handout given
 - V* Verbal information given
 - E* Email sent
 - SV* Site visit
 - FAX* Facsimile sent/received
 - WI* Walk-in
 - NA* Not applicable
 - SS* Suspect soils
 - CBRA* Coastal Barrier Resource Area
 - CA* Coastal A or AE Zone
 - H* Elevations in NAVD 88; unless otherwise noted

COMMUNITY RATING SYSTEM TRACKING AND PUBLIC INFORMATION LOG

Staff Member: *Dwayne Jones CFM*

Date: *8/26/15 - 9/2/15*

Agency: *DS* **BSD** **HM**

CONTACT INFORMATION				ACTIONS/COMMENTS				PROGRAM TYPE				
Name	Phone	Contact Code	Info. Dist. Code	Address	Folio/STR	Special Hazards/Precautions, Comments, Resolution, Followup, Site Info, ...	Fl. Ins. Given Y/N	Panel & Suffix	BFE/DFE	DFIRM - FIRM Zone	CBRA or CA	Prog. Desc.
<i>Arno Zone FL 3814</i>			<i>H</i>	<i>5301 Gunn Hwy</i>	<i>19003.0175</i>	<i>Provide Flood Risk Information to the S. L. Smith's Agri. Labors</i>						<i>Exc. MIFIP</i>
<i>Barnes Pottery Clubs</i>				<i>3007 S Kings Av</i>	<i>73479</i>							
<i>St Peter & Paul Church</i>				<i>6201 Sheldon Rd</i>	<i>6643</i>							
<i>Debit P. Hamburg & Gunn</i>				<i>SEC Liverpool & Gunn Hwy</i>	<i>23975</i>							
<i>FOX GOD, EXT 5 SEPARATE</i>				<i>3807 Tower Rd</i>	<i>24163</i>							
<i>Florian Self Care Service Unit</i>				<i>Fordville Pl 220</i>	<i>51639.5412</i>							
<i>Just Bakes</i>				<i>10320 N Dnr Mabry</i>	<i>23662</i>							
<i>Siv Nympes</i>				<i>6509 Maple Ln</i>	<i>46319</i>							
<i>Progreso Trailers mobile</i>				<i>1402 Walkers Field Ln</i>	<i>32062.0000</i>							
<i>Office & Self Storage</i>			<i>↓</i>	<i>4038 N Flanora Ave</i>	<i>18252</i>							<i>↓</i>
TOTAL Count this Page: <i>10</i>				10 ROWS PER PAGE				Page <i>1</i> of <i>1</i> for this date				

- Notes:
- H* Handout given
 - V* Verbal information given
 - E* Email sent
 - SV* Site visit
 - FAX* Facsimile sent/received
 - MI* Walk-in

- Special Hazards/Precautions, Comments, Resolution, Followup, Site Info, ...
- NA* Not applicable
 - SS* Suspect soils
 - CBRA* Coastal Barrier Resource Area
 - CA* Coastal A or AE Zone
 - Unkn* Unknown
 - Elevations in NAVD 88; unless otherwise noted.*

Date	Case Number	Investigator	Team Investigator	Contact	Phone #	Address	Parcel #	Case Description	Site	Notes
07/29/2015	SR17861	Nanette Scott	N/A	David Baxley	813-920-4243	19138 Tyler Road, Odessa	369 0050	Private Road flooding, use by county as a public road, see if we can help	none at this time	closed
07/27/2015	SR18169	Duane Jones	Duane Jones	Natalla Castillo	813-446-3872	1208 Casa Bonita Ave, Ruskin	56774.0908	House built in 2001, house has flooded since.	yes	PW solving gutter flow issue - close
07/29/2015	SR18304	Nanette Scott	Duane Jones	James Marsh	813-948-0792	1001 Ballinger Rd, Lutz	13565.2048	neighbor to the west is draining across his property	site visit by DJ	Notice of Violation sent
08/07/2015	SR18683	Duane Jones		Ray Ploucher	813-637-8888	9229 Lazy Ln Carrollwood Business Park		Business park gets flooded		Land Alteration - NR
08/05/2015	SR19292 also SR23557	Nanette Scott		Carlos Cancio	813-965-1323	14739 Lake Magdalene Circle, Tampa		2 neighbors across the street created 1' high berm, causing drainage not to go to pond		NR - requested we call
08/06/2015	SR19358	Rick Cabrera	N/A	Andre Poly	813-881-1016	4528 W Lambright St, Tampa		construction on neighbors property causing issues, will work out issue with neighbor	none at this time	closed
08/04/2015	SR19520	Nanette Scott	Duane Jones	Helien Gonzalez	813-879-3528	2911 W Burk Street, Tampa	30752.0000	Fences and sheds in easement, easement not drainage	08/10/2015	closed
08/10/2015	SR19823	Rick Cabrera	Duane Jones	John Harris	813-348-9023	2617 & 2616 W Idlewild Ave, Tampa		Flooding on Idlewild	08/18/2015	
08/19/2015	SR20036 WR20044	Rick Cabrera		Melissa Chitura	813-951-5768	10572 CR 672		Concerns with Mirabella Subdivision, already causing flooding		asked inspectors to look at
08/06/2015	SR20464	Rick Cabrera	Duane Jones	Lisa Rhodes	813-447-2690	5560 Warren Byrd Ln, Plant City			08/18/2015	
08/07/2015	SR20691			Robert Shell	813-920-5160	9610 Post Road, Odessa		he is being flood out because 9449 Roberts Rd do not maintain man made lake	scheduling meeting	
08/14/2015	SR22039 SR22044	Nanette Scott		Darrell Philon	813-368-9245	Pine St & Varnes Aly		and breeding mosquitos		transfer to PW
08/18/2015	SR22510	Rick Cabrera		Yvonne Washington	813-949-7928	19808 Reading Rd, Lutz		Neighbor digging in swale and culvert		
08/18/2015	SR22530			Don Rich	813-6773371	12931 Carlington		Mud from golf course behind home		sent e-mail to com. manager
08/18/2015	SR22586	Rick Cabrera		Brian Wall	theew@yahoo.com	6033 Lanshire Dr., Tampa		Neighbor directing roof runoff to his property		e-mail from Rick
08/18/2015	SR22722	Rick Cabrera		Norman McMahon	813-635-0135	6605 Causeway Blvd and 66th St S, Tampa		Adjacent land being filled causing drainage issues	N/A	to Christa Hill - closed
08/18/2015	SR22861			Oris Patrick	813-968-2567	Lake Magdalene Blvd & Nurdy Rd, Tampa		Covenant Church pumping water on property		CE looking into
08/20/2015	SR22864	Duane Jones		Anonymous		5620 E Dr. MLK Blvd, Tampa		Business is not pumping water as required and causing flooding		
08/20/2015	SR22864	Duane Jones		Joy Fernandez		2214 Wain Ranch Ln, Lutz		Property at 17928 Livingston (Marvin Holton, Folio #33644.0000) has been filling in ditch causing flooding		NR looking into

Date	Case Number	Registered	Field Investigator	Contact	Phone	Address	File #	Complaint or Issue	Next Step	Notes
08/21/2015	SR22939	Nanette Scott		no info		10301 Marsh Harbor Way, Riverview	72212.0100	Apartment complex not cleaning drain causing flooding		transfer to CE
08/19/2015	SR23140	Rick Cabrera	Beth Reed			Crenshaw Lake		Runoff from Ripa Construction site causing silt and debris into Crenshaw Lake and flooding.		e-mail, DS, PW, EPC looking into
08/19/2015	SR23214 also see SR23140	Roy Mazur	Gerald Stanley		813-240-1291	3701 Little Rd. Lutz		Construction Permit 430418461.001 causing problems to Lake Crenshaw		
08/20/2015	SR23263		George Pietras		813-671-1601	7404 Caprano CV, Riverview	75831.3050	New subdv. To the south causing flooding at intersection		left message
08/20/2015	SR23334		Raphiela Rivera		813-263-0105	10908 Winter Oak Pl 12015 Glenhill Dr, Riverview		neighbor built up their yard and is flooding her out, her deck is ruined.		number provided disconnected
08/21/2015	SR23583	Nanette Scott	Susan Vasquez		239-321-4126	Newberger Rd & Livingston Ave, Lutz	32957.0100	Lutz golf course pumping excess water into the street and onto properties		
09/01/2015	SR24715	Nanette Scott	Craig Best		813-248-7018	5138 Madison Ave, Tampa	48905.0000	new construction south and east causing flooding (48936.0000 P# 2619?)	need to schedule a site visit	SFR sent to Mickey - transfer
09/01/2015	SR25076	Nanette Scott	Andy Fedor		afedor57@hotmail.com	19414 N US Hwy 41, Lutz	12409.0236	filling activity without silt fence, new SFR		
09/01/2015	SR25660	Nanette Scott	Carolyn Jenkins		813-689-7535	2001 Martin Rd, Dover	86773.0700	filling activity causing flooding		transfer to NR
08/07/2015	SR8024 also SR22453	Rick Cabrera	Carl Young		813-872-9820	2614 W Idlewild Street, Tampa		Berm erosion		working with EOR
08/25/2016	SR9668	Rick Cabrera	Bill Andrews		813-963-0111	3109 Lake Ellen Dr., Tampa		No drainage for the area which is causing a flooding issue.	none at this time	Transferred to PW 8/26/15
07/17/2015		Rick Cabrera	Bob Buker		850-572-5698	2505 Spring Green Dr.		flooding issues within property, attributing to some grading problem.		EOR met with Mr. Burk to discuss and evaluate problem
08/10/2015		Duane Jones	Bobby Lawson		813-624-4535	5146 Shakespeare Dr., Dover	85796.1012	private subdivision - hiring engineer to revise SWFWMD & county permits	yes	
		Duane Jones	Patti Lomacky		813-766-6528	12355 Old Memorial Hwy, Tampa	4317.3000			contacted HOA
		Duane Jones	Ms. Pearce			10402 Kankakee Lane, Riverview	75831.5028	yard flooding	yes	

Date	Case Number	Investigator	Relay/Investigator	Contact	Phone #	Address	Parcel #	Complaint/Issue	Start Date	End Date	
		Duane Jones		Mr. Bloom		1544 Emerald Dunes Dr, Sun City Center	79640.5340	Drainage issues property line & rear yard			Minto & EOR working with him
		Duane Jones		Gene Kimball	813-973-7038	9114 Regents Park Dr., Tampa	59240.1440	Neighbor directing roof runoff to his property causing erosion of driveway	08/18/2015		
		Duane Jones		Tim Daniel	813-960-0390	15012 Otto Rd, Tampa	16322.0000	2 neighbors complaining each redirecting runoff to impact the other	08/18/2015		
		Duane Jones		Nancy Tracy	813-962-4049	5711 Lake Le Clare Rd., Lutz	14666.2000	New SFR constructed next door causing her flooding	08/18/2015		
		Duane Jones		Debbie Alonso	813-477-3558	11131 Walter Hunter Rd., Lithia	93925.3000	neighbor driveway blocking natural flow causing her flooding			
09/02/2015		Duane Jones		Joshua Heuman	813-333-6930	16240 Lake Palm Dr.		blocking weep holes in perimeter wall at 16401 Hanna Road			Cert letter sent
09/02/2015		Duane Jones						Maintenance issue for Tract A Rosa Woods Subdivision			Cert letter sent

09/04/2015 SR25647 Nanette Scott Mark Gunter 727-460-6424 Wimauma 14360 Haddon Mist Dr., 77888.0582

purchased new house and has flooding in back yard

Activity 330
Outreach Strategy

REVIEW OF THE COUNTY'S PARTICIPATION WITH THE NATIONAL FLOOD INSURANCE PROGRAM, 2014-2015 -- PUBLIC INFORMATION PROGRAM STRATEGY EVALUATION

Ongoing progress working with a working group and the community led to this report, which was discussed in public forums on no less than seventeen (17) occasions, which included the annual Hillsborough County Neighborhood Conference, the annual Hurricane Exposition, the Local Mitigation Strategy Working Group (LMSWG), and public outreach sessions associated with the update to the Local Mitigation Strategy and Floodplain Management Plan. The LMSWG and its Community Rating System Subcommittee met during regularly scheduled meetings to discuss flood-protection and flood-outreach initiatives as required for the National Flood Insurance Program Community Rating System (CRS) program. Additionally, Hillsborough County has joined with other Tampa Bay area communities within Pinellas and Hillsborough Counties in reviewing outreach opportunities within a bay-area Community Rating System Regional Committee (Committee). The Committee is a loosely organized group of interested communities that are working to eventually create homogenous messages regarding flood protection and flood resiliency. This has been partially accomplished through some of the same members that work with local CRS committees and local emergency management offices; whereby, the regional Hurricane Guide was modified to incorporate flood-protection and flood-warning outreach messages within the entire bay area. The Committee at this time is continuing to gain an understanding of how best to implement outreach messages and programs.

Activity 330 – Public Outreach Strategy (OPS)

Goals of the Community's Public Information Program Strategy: The evaluation of the Public Outreach Strategy is included as part of the documentation for Activity 510, Floodplain Management Planning. As a "Class C" community with more than ten (10) repetitive flood loss structures in the community, the County is required to annually evaluate its plans and thus the review of outreach activities is included as part of that document. Transparency of all phases of any planning process is the identification of a guiding goal, which also serves to guide the County's Hazard Mitigation public outreach process. The outreach program was conducted pursuant to the previously approved "marketing plan". Outreach was performed in such a manner to ensure the County's Communications Department has the ability to verify that outreach is performed pursuant to administrative processes with respect to operating procedures in meeting with, and providing notices to, the public. Such a plan remains valid and has been approved for use in working with residents within the full county that includes areas of Special Flood and Coastal High Hazard Areas, and repetitive flood-loss areas.

There is a guiding goal within the Local Mitigation Strategy (the all-hazards guiding document) and a number goals have been approved through the planning process in which floodplain management objectives and action items have been implemented (Floodplain Management Plan, Tables 9 through 13). The guiding goal and four objectives are a part of the Local Mitigation Strategy (LMS) and are listed in Section V, Page V-1 of the LMS and in the Floodplain Management Plan (FPMP) in Table 9, which are accompanied by goals and objectives that have been adopted to specifically address floodplain management.

LOCAL MITIGATION STRATEGY GUIDING PRINCIPALS

MITIGATION	GUIDING PRINCIPAL	DESCRIPTION
OBJECTIVES	Public Education	Increase public awareness in the use of mitigation programs and techniques to reduce the impacts of natural and society-based hazards.
	Coordination	Coordinate public and private sector participation in identifying and managing and/or implementing mitigation projects and measures throughout Hillsborough County.
	Development Management	Identify and implement a combination of regulatory, incentive and initiative programs that will reduce potential loss and would encourage participation in ongoing hazard mitigation.
	Critical Facilities	Develop and maintain an inventory management system on all data affecting hazard mitigation.

County agencies have acclimated to many of the agency format changes and positions continue to be added back into the workforce. The Hazard Mitigation team has been approved to regain one planning position, which was hired and had begun to work with updating processes; however, the employee took an advancement and the process of rebuilding will begin once again. The position is anticipated to be filled within the next 30 to 45 days and it will assist in the reorganizing and formatting the process to catch-up with deficient areas associated with implementing the NFIP and the CRS program. The addition of the planning position will assist in addressing activities that are in need of having requirements met and in working to sustain the current level of participation. Even with the re-hiring of a planning staff member, there continue to be challenging opportunities that have become apparent in sustaining maintenance to the program, in meeting annual report and program activities, in preparing for the upcoming update to the Floodplain Management Plan, and in having new processes evolved to meet requirements of the new CRS manual.

Activity 330, Annual Evaluation of Public Information Program, projects implemented to meet these goals: The County has an Outreach Strategy group, which is formally called the Local Mitigation Strategy Working Group, Community Rating System Subcommittee. This Committee meets no less than semi-annually to review progress of objectives and any possible changes to the strategy. During the 2014-2015 reporting period, the Local Mitigation Strategy (LMS) Working Group met as the Community Rating System Committee and did discuss the CRS Outreach Strategy, which the community agreed upon tasks that were approved during the beginning of the reporting period. The County has met all of the objectives that were possible.

Community outreach has become a staple of almost every government entity and flood protection, water quality, and preparedness methodologies are provided by government and public/private partnerships. Hillsborough County conducts meetings at locations easily accessible by the public, such as community service centers, libraries, and schools. In the past, there have been versions of these meetings that focus on the Haitian and Hispanic communities to help overcome language barriers and educate those portions of the residents that would otherwise not receive assistance in these matters. The Public Works Department sponsors the Adopt-A-Pond program that provides team members that will meet with local neighborhoods to educate residents on how to protect and monitor lakes and ponds. There is also the Citizen Corps Council that works through local law enforcement, fire departments, and other associated agencies; whereby, members of such travel to community areas to teach residents how to prepare, respond, and recover from disaster (flooding events included). Added, during the Spring 2015, the County and City of Tampa sponsored a severe storm (hurricane) exposition at the Museum of Science and Industry, which did allow parents and children to visit the Disasterville exhibit that allows visitors to experience the affects of various disasters and teaches them how to reduce their vulnerabilities.

Additionally, and in the past two years, Congress has passed bills that affected those that obtained Federal flood-insurance policies. The Hazard Mitigation team did perform outreach for residents, but mostly with internal

agencies to assist in educating staffs on changes and potential impacts to the community. Under respective changes, the unincorporated area has approximately 20,000 property owners affected. With this educational process, the Hazard Mitigation team provided educational sessions residents throughout the county in areas of flood-risks, which included conducting sessions within Cities of Plant City, Tampa, and Temple Terrace.

In short, the County and its residents are much better educated through various mediums, such as community meetings, community training sessions, government television channels, internet sites, mailings to property residents and businesses within the Special-Flood and Coastal-High Hazard Areas. Although the existing strategy remains in place, efforts of the many other agencies interested in educating and protecting the public have met and exceeded many of the goals of the original strategy.

Projects Implemented to Attain Floodplain Management Guiding Goals:

1. Conducted Community Rating System (CRS) Committee meetings. Information regarding the CRS strategy was disseminated early in the year, along with the list of actions, to review for modifications and for approval. Added, the action plan and requirements of 27P-22.004, Florida Administrative Code (past reference: 9G-22) were reviewed. As identified in the past year, the local Construction Code that includes the Flood Damage Control Regulations were reviewed. Although, the local Construction Code was updated to remain compliant with the update to the Florida Building Code, the Flood Damage Control Regulations remained substantially unchanged due their respective update during 2013. During this reporting period, the County did begin to update the Hillsborough County Stormwater Technical Manual. However, respective updates will not be implemented until the next CRS reporting cycle – the County’s 2015-2016 Fiscal Year. The CRS Strategy was approved by the CRS Committee, the LMSWG and the Steering Committee -- Disaster Recovery Committee (now called the Operations Group). In the discussion as a follow-up to the previous year, information regarding repetitive flood-loss areas and the potential of flooded roads under the Metropolitan Planning Organization within in Hillsborough County following a storm event were discussed. Local road flooding information is modeled and is available through the Engineering and Environmental Services agency of the Public Works Department. Additionally, during and following the flooding event in late July 2015 and early August 2015, impacted areas were reviewed with respect to repetitive flood-losses, which identified most areas of flooding were with known areas of flooding. Respective areas are discussed further within the report under Activity 510.
2. Provided written notification to property owners that are within Special-Flood and Coastal-High Hazard Areas, and repetitive flood-loss areas as identified within the Local Mitigation Strategy.
3. Provided brochures and publications to property owners through media, mail and resource libraries at selected buildings throughout the county. Maintenance to resource libraries continues to be limited and at times delayed due to resource constraints. Brochures and publications address local flood hazards, flood insurance, flood protection and mitigation, regulations, and availability and location of flood mapping information.
4. Performed 15 public outreach meetings to gain insight whether information with flood and other risks are provided in a manner that the community understands and requested public comment regarding recommended courses of action to reduce flood and other threats.
5. Presented at various business and community meetings regarding hazards facing residents. Additionally, participation was with the Neighborhood Conference and the annual hazard preparation exposition conducted at the Museum of Science and Industry. The total number of meetings exceeded 17 for the year in which residents were educated regarding flood and other risks and vulnerabilities.
6. Implemented the Strategy that included continuing to participate in the annual publication and distribution of the *Hurricane Guide for the Tampa Bay Region*. The Hurricane Guide has a design that is brought together through the Tampa Bay Regional Planning Council, but is specifically published and distributed by respective counties. This is the fourth year in which the Hurricane Guide has received an update to better address messages associated with flooding.
7. Provided educational information through media avenues, such as through a newsletter/utility bill mail-out.
8. The local Telephone Company continued to illustrate flood hazard areas within the local telephone book.
9. Provided informational and educational training associated the hazard mitigation (includes NFIP and flood topics) program. The County re-hiring the Senior Planner position that provides assistance directly to the program. However, following a year, the employee was offered a position paying no less than twice as much, which requires the position to be refilled.

ACTIVITY
320, 540

ACTIVITY
330

ACTIVITY
330

ACTIVITY
610

ACTIVITY
330

- Activity 614
10. Verified information available through the Main Branch of the County Library System.
 11. Worked with the Florida Floodplain Managers Association to obtain and provide training.
 12. Updated web-based information with respect to providing flood protection information to residents. The County's web page continues to provide the ability to residents and businesses to view flood hazards with respect to an individual structure. This included working with the USGS and the NWS in placing information on the web.
 13. Provided updates and met with the Steering Committee.
 14. The County did assess the community during this past year for needs associated with floodplain management and all-hazards assessments; which said information was used in the County's update to the communitywide Local Mitigation Strategy that serves as the all-hazards document.
 15. Conducted an annual exercise to test response activities and warning systems.

In addition, the County did perform added assessments regarding flood protection during the past year that included:

16. The County supported reviews of the Local Mitigation Strategy project lists to determine if any updates were needed. The LMSWG was convened to discuss and review mitigation projects.
17. The County participated with the Neighborhood Relations to look to risks with neighborhoods and regional areas.
18. The County completed work with two severe repetitive-loss property owners in submitting applications through the E-grants system for requests for grants to fund severe-loss mitigation projects. This is in addition to two awarded SRL grants and having one FMA waiting to be funded.
19. The County is in review of potential conditions that may arise from the increase in the still-water elevation within the bay over the next two to three planning horizons (25, 50, and 75 years). The County continues to work with the State and regional entities that are studying potential impacts from climate changes to local communities that includes determining impacts from the increase in sea-level. Recently, the Board of County Commissioners directed staffs from various agencies to work together regarding sea level increase and climate change.
20. The County continues to review unfunded CIP projects that may be eligible under the Local Mitigation Strategy and subsequently any funding through the Stafford Act.
21. The County continues to look into the manner in which the Critical Facility protected database will provide access to local jurisdictions for maintenance and updating.
22. The County has conducted numerous meetings regarding updates to Watershed Master Plans. Respective studies will be used to update FIRMSs within two to three years.
23. The County is waiting for the quality-assurance results regarding FEMA's work to update coastal Flood Insurance Rate Maps. It is anticipated coastal DFIRMS will be updated within three years, which may include added base-flood elevation heights due to more detailed and accurate models used in the study of coastal flooding. Staff is working with FEMA to keep the community aware of potential changes in maps and base-flood elevations.
24. The County Congressional liaison has met with Public Works and Hazard Mitigation team members to review affects to the community from changes to the National program due to the NFIP Reform ACT. The Hazard Mitigation team continued to work with the Geomatics team to review affects from the flooding event to property owners.
25. The County has opened discussions with the Federal Emergency Management Agency and the State regarding potential cumulative impacts due to development within the Bull Frog Creek riverine system.
26. The County is working with the State to establish a standard in which sinkhole properties within the Special Flood Hazard Area are reviewed and in which a substantial-improvement worksheet is completed.
27. The County completed an analysis that provides a No Rise Certification for minimal impacts into a regulatory floodway. Results will assist with permitting and such results will be shared with the State and FEMA prior to using the respective analysis for allowing minimal impacts.

Were any projects not implemented or objectives not reached. The following are activities that did not fully meet objectives:

1. Each year the Hazard Mitigation Program (Program) has integrated activities with other agencies to provide information at various citizen meetings, which includes Hispanic community meetings. These events are at schools, churches, and other areas with easy access for the public. Communications with the Hispanic

liaison was minimal; however, coordination with specificity under the Floodplain Management Program did occur.

2. The County works with community planners in the development of community plans; whereby, risks and flood mitigation techniques are identified to be incorporated to some extent into community plans. Because of resource constraints, respective collaboration was minimal, and partnering agencies require further training.
3. The County has maintained National Flood Insurance Program (NFIP) resource libraries within local permitting offices to a very limited degree. Added materials have been requested to be ordered and the revised website will further capabilities in allowing the community to have quick access to flood-protection documents from the Hillsborough County website. Additionally, there does not seem to be a demand for written materials as in past years. This lack of demand for material has made this more of a per request system. The materials are taken to meetings and other community events. Also, citizens may request materials through any of the County's Development Services offices and the principal Engineering and Environmental Services Office.
4. As part of the educational program, information was minimal with respect to having program statements and materials disseminated through media avenues, utility-bill notifications, and by providing links to FEMA (www.fema.gov) and the State of Florida (www.floridadisaster.org).

What new projects should be implemented and what projects or objectives should be revised that are not included within the aforementioned section:

1. The Local Mitigation Strategy Working Group, Community Rating System (CRS) subcommittee review programs within the Strategy with programs being generated through the Office of Emergency Management, Neighborhood Relations, Citizen Corps Council, and Communications. Activities are need to be coordinated with other regional Local Mitigation strategy Working Groups and through work conducted through the Regional CRS Committee; whereby, ISO and FEMA are available to assist to a greater extent. More important, the area CRS Coordinators would benefit from putting more of an effort into developing uniform messages regarding flood protection, safety, and mitigation.
2. The process will become better coordinated with the Neighborhood Relations Program as the Citizen Corps Council becomes involved more to disseminate information into neighborhoods. The coordination effort is underway; however, it is performed on an incremental basis due to resource constraints. During the 2015 period, the Hazard Mitigation team has re-initiated work with the Federal Alliance for Safe Homes (FLASH, Inc.) to better build risk-reduction resources for use within the community.

This section of the report serves also to outline the Action Plan for implementation of the Hillsborough County participation with the National Flood Insurance Program Community Rating System. The next section will reiterate this statement; however, an outreach plan with minimum task similar to that within Section I of the LMS has been included to identify minimum actions that are performed to varying degrees during the year through the Public Outreach process. Items within this section of this report, when used together with the previous information serve as actions to implement the Hillsborough County Floodplain Management Plan.

Continued Action Plan

Taking into consideration the existing resource constraints experienced by Hillsborough County, and the realization that all floodplain-management activities are conducted through operating budgets of various County departments, the aforementioned section outlines those annual tasks that were performed or implemented in the adopted Hillsborough County Floodplain Management Plan.

The Floodplain Management Plan (FPMP) action items are referenced within the Local Mitigation Strategy (the Floodplain Management Plan) Section 5. This section and referenced tables of this report and that of the Local Mitigation Strategy are, in fact, past and current tasks and programs used to implement the County's participation with the National Flood Insurance Program Community Rating System (NFIPCRS). As outlined and adopted within the Local Mitigation Strategy, the Action Plan continues to be used into the future until such time it is modified or repealed.

Hillsborough County's participation with the National Flood Insurance Program Community Rating System (NFIPCRS) requires specific tasks to be met and reviewed following an annual and three-year cycle. To ensure maintenance to the program and to ensure implementation of activities in which the County receives credit under the NFIPCRS program, the following activities will be performed to no less than the level in which Hillsborough County can sustain the current nationally recognized classification (rating) of "5" or to the level in which staff is approved to seek a NFIPCRS classification of "4". The rating of 5 currently benefits unincorporated residents and businesses with an aggregate amount greater than \$6 million. Additionally, this standing requires Hillsborough County to also sustain its ISO Building Code Effectiveness Grading Schedule (BCEGS) Classification of 4/4; however, the current review through the BCEGS may reduce the County's standing due to a documented increased rate of inspections per inspector. The following is a summary of those items in which the County will continue seeking credit as approved by the Board of County Commissioners:

- Activity 310 – Elevation Certificates: The Building Services Division maintains elevation certificates for new and substantially improved buildings. Copies of elevation certificates are made available upon request. Elevation Certificates are also kept for post-FIRM buildings. The County continues to track development and maintains stored records associated with the SFHA
- ▪ Activity 320 – Map Information Service: Credit is provided for furnishing inquirers with flood zone information from the community's latest Flood Insurance Rate Map (FIRM), publicizing the service annually and maintaining records – the publication through the electric company was delayed and the County stopped publishing its community newsletter that included said notice to the public
- ▪ Activity 330 – Outreach Projects: A community phone book is delivered to all properties in the community on an annual basis. An outreach brochure is mailed annually to all properties in the community's Special Flood and Coastal Hazard Areas (SFHA and CHHA). The community also provides flood information through an outreach program strategy
- Activity 350 – Flood Protection Information: Documents relating to floodplain management are available in the reference section of the Hillsborough County Public Library. Credit is also provided for floodplain information displayed on the community's website
- Activity 360 – Flood Protection Assistance: The community provides technical advice and assistance to interested property owners and annually publicizes the service
- Activity 410 – Additional Flood Data: Credit is provided for conducting and adopting flood studies for areas not included on the FIRMs and that exceed minimum mapping standards. Credit is also provided for a cooperating technical partnership agreement with FEMA
- Activity 420 – Open Space Preservation: Credit is provided for preserving approximately 49,307 acres in the SFHA as open space. Credit is also provided for open space land that is deed restricted and preserved in a natural state
- Activity 430 – Higher Regulatory Standards: Credit is provided for enforcing regulations that require freeboard for new and substantial improvement construction, cumulative substantial improvement, protection of critical facilities, protection of floodplain storage capacity, natural and beneficial functions, enclosure limits, other higher regulatory standards, and land development criteria. Credit is also provided for enforcement of state mandated regulatory standards, for a BCEGS Classification of 4/4, for enforcement of the Florida Building Code, and for staff education and certification as floodplain managers
- Activity 440 – Flood Data Maintenance: Credit is provided for maintaining and using digitized maps in the day to day management of the floodplain. Credit is also provided for establishing and maintaining a system of benchmarks; whereby, in the past reporting period re-establishing benchmarks were with requests and within subdivisions due to a change in staff (County managing staff illustrated the County will return to the process as reported previously in the future)
- ▪ Activity 450 – Stormwater Management: The community enforces regulations for stormwater management, freeboard in non-SFHA zones, soil and erosion control, and water quality
- ▪ Activity 502 – Repetitive Loss Area: The County continues to send information to repetitive flood loss property owners and areas. Added, the County provides notice to greater than 15,000 property owners within respective areas to increase awareness of the high risk to flooding. The number of repetitive flood-loss structures has been reduced from previous reports due to the manner in which repetitive-flood loss areas have properties identified
- ▪ Activity 510 – Floodplain Management Planning: Based on the updates made to the NFIP Report of Repetitive Losses, 215 repetitive loss properties and is a Category C community for CRS purposes. All

requirements for the 2015 cycle have been met, but the team has not performed a comprehensive review of the AW 501 list in 2014 that had not been provided by FEMA for several years. FEMA provided the list during this past Spring/Summer of 2015, which has kept staff from properly reviewing the list. Additionally, the State of Florida has identified under the HMA program that County has 61 repetitive flood-loss structures with 33 of those identified as severe-loss. Credit is provided for the adoption and implementation of the Floodplain Management Plan -- as a Category C community with an approved Floodplain Management Plan, a progress report must be submitted on an annual basis. This has changed with respect to number due to the manner the State reports RL properties

- Activity 520 – Acquisition and Relocation: Credit is provided for acquiring and relocating buildings from the community’s flood hazard area
- Activity 530 – Flood Protection: Credit is provided for buildings that have been floodproofed, elevated or otherwise modified to protect them from flood damage. One additional building has been included with the program in the past year; however, the AW 501 form requested to be changed has not been verified with respect to the FEMA forms for this summer. Staff has been assigned to verify
- Activity 540 – Drainage System Maintenance: A portion of the community’s drainage system is inspected regularly throughout the year and maintenance is performed as needed by Hillsborough County Public Works Department. Records are being maintained for both inspections and required maintenance. Credit is also provided for an ongoing Capital Improvements Program. The community also enforces a regulation prohibiting dumping in the drainage system
- ▪ Activity 610 – Flood Warning Program: Credit is provided for a program that provides timely identification of impending flood threats, disseminates warnings to appropriate floodplain residents, and coordinates flood response activities. Credit is also provided for the designation as a Storm Ready Community by the National Weather Service
- Activity 630 – Dam Safety: All Florida communities currently receive CRS credit for the state’s dam safety program

Also included with the Action Plan are those projects approved with the LMS, Appendix G and Attachment 20. Respective projects are listed and have been ranked for floodplain management purposes.

Continued Implementation, Evaluation and Revision Process

Procedures for monitoring and recommending revisions to the plan: The Floodplain Management Plan (FPMP) is maintained pursuant to the annual reporting process required with the annual submittal of the AW 214 form (and form 230 associated with the three-year cycle visit), which is the annual certification of Hillsborough County’s continued participation with the National Flood Insurance Program Community Rating System (NFIPCRS). Additionally, the Local Mitigation Strategy (LMS) pursuant to 44 CFR Part 201 (Attachment N of the LMS -- LMS Adopting Ordinance) continues to be maintained on an annual basis pursuant to Florida Administrative Code. Within the LMS, Section VII establishes a process in which the LMS and FPMP will be maintained and updated. Although, the LMS is required to be updated once every five years, the FPMP will be updated using the LMS and NFIPCRS processes. The update will be updated once every five years or as otherwise identified in the CRS Manual. The process in which the FPMP will be maintained includes adherence to:

- Completing NFIPCRS activities to maintain the County’s participation with the National Flood Insurance Program and Community Rating System, which includes performing activities included with AW 214 (AW 230 with the three-year cycle visit), reviewing and completing AW 501 forms, and activities identified within the aforementioned Action section of this Plan as updated with the supplement to the Local Mitigation Strategy, Floodplain Management Plan -- Appendix O
- Completing activities pursuant to 27P-22.004, Florida Administrative Code
- Having the Board of County Commissioners approve the annual membership to the Local Mitigation Strategy Working Group that also serves as the CRS Committee
- Implementing the annual update to the Local Mitigation Strategy pursuant to Section VII (page VII-1): LMS Plan Maintenance pursuant to required timeframes, procedures for monitoring and evaluating activities identified with the LMS action plan (LMS, Section VII, pages VII-2 through 5)

The same planning committee does perform evaluations. Staff support for monitoring and recommending plan changes will still be conducted through the existing Local Mitigation Strategy Working Group (LMSWG). This

group is the existing planning committee that updated the Local Mitigation Strategy that serves as the Floodplain Management Plan (FPMP) and was requested to comment on the FPMP's supplement during the time in which the FPMP was updated. The Committee for Floodplain Management Plan is expected to remain the same; however, there may be some limited personnel changes due to attrition or reductions within local governments that serve the committee. The Committee is referenced within the Acknowledgement Section of the LMS and in the LMS, Section 1, and pages I-9 through I3.

The planning committee qualifies under 511(2)f. and g, which is the LMS Working Group. As the planning committee, it is continued with authority under the LMS adopting resolution and pursuant to Florida Administrative Code, 27P-22.004. The committee will remain with representatives from the business community and it will continue to have representation from citizens. Additionally, membership will continue to have representation that live or work in, or near, flood-hazard areas that include some of the County's repetitive flood-loss areas.

With respect to plan maintenance, it is part of a continuing assessment performed by Hillsborough County's Hazard Mitigation Program; whereby, the following is a part of a continuing program to review and update: policies, programs and plans as part of adopted growth management initiatives, floodplain management strategies, and countywide emergency management plans. Any updates to the critical facilities, repetitive flood loss or hazards analysis will be reflected on all maps as required. Plan Maintenance and Updating are also adopted actions and are identified within the LMS -- Plan Implementation / Action Plan.

Activity 330
Outreach to the Community



YOUR FLOOD HAZARD RISK

You are receiving this informational flyer as part of a public safety education campaign by Hillsborough County. The flyer is sent to all addresses that have at least some portion of their property within the County's high-risk flood hazard zone. The outreach mailing list is based on the current flood hazard maps. You can view the updated maps online by going to the County's website at www.HillsboroughCounty.org/FloodMaps.

Even if your structure has been removed through a Letter of Map Revision (Letter of Map Amendment), it is still possible that parts of your area could be damaged or the access roads for your area could be submerged in an extreme weather event. You should review the information and phone numbers in case they are needed.

This flyer is part of the County's floodplain management activities. These activities are reviewed on an annual basis through the National Flood Insurance Program and result in residents receiving discounted flood insurance rates. Currently, the County is within the top ten percent of municipalities in the nation for our aggressive approach to floodplain management. Residents within the unincorporated county receive more than \$6 million dollars annually in continued discounts on flood insurance rates due to these efforts.

FLOOD INSURANCE

Flood insurance helps protect you from the financial devastation caused by floods. To examine your flood risks, go to FloodSmart.gov or <http://www.hillsboroughcounty.org/index.aspx?RID=3852>. Even a few inches of water can bring thousands of dollars in repair and restoration costs. Most homeowners insurance policies do not cover floods. Flood insurance is available through the Federally-underwritten National Flood Insurance Program.

Flood insurance, like earthquake insurance, is "single peril" insurance, sold separately from homeowners insurance.

Flood insurance protects against losses to buildings and their contents, not the land surrounding them. The coverage applies whether the flooding results from heavy or prolonged rains, coastal storm surge, blocked storm drainage systems, levee or dam failure, or other causes. To be designated as a flood, rising water must cover at least two acres or affect at least two properties. However, a flood claim may be requested any time a structure is affected by rising water.

Flood insurance is available both within and outside of the high-risk flood zone. Your property's flood risk is shown on the County's flood hazard maps at www.HillsboroughCounty.org/FloodMaps. Different types of policies are available, depending on your flood risk. You will need to ask your insurance agent for more information. A flood insurance agent locator is available online at www.floodsmart.gov.

If you own property with a structure in the high-risk flood area, you likely need a flood insurance policy. Most mortgage lenders will require that you have a policy as part of your loan agreement.

If your structure was built prior to 1980, it is considered Pre-FIRM (Pre-Flood Insurance Rate Map construction) and follows a specific pricing schedule. Keep in mind that your Pre-FIRM structure may have received a grandfather status or may benefit from a grandfathering status, which might lower your costs. However, the U.S. Congress changed the subsidies under the program, which may affect your Federal flood-insurance rates. For more information about program

changes made by congress, please go to the National Flood Insurance Program's (NFIP) website www.floodsmart.gov.

Remember, though, that your Pre-FIRM structure is currently grandfathered, you will need to maintain continuous coverage in order to keep your lower insurance cost. If your structure was built after June 18, 1980, your structure is considered Post-FIRM with a different pricing schedule. Information about grandfathering and other flood insurance topics is also available on the NFIP website www.floodsmart.gov.

Flood insurance covers both homes and businesses. With residential coverage, you can buy up to \$200,000 of insurance to protect your structure and up to \$100,000 of protection for contents. If you are located in a high-risk area, federally regulated or insured lenders will require you to have flood insurance for the amount remaining on your mortgage of \$250,000, whichever is lower.

Outside of high-risk areas, flood insurance is also available, usually at lower cost. A Preferred Risk Policy covers both a home and its contents, with premiums as low as \$129 per year. While you are not federally required to have flood insurance in a low-to-moderate risk area, that does not mean you don't need it. Large floods often extend beyond the high-risk areas, and smaller floods occur outside high-risk areas. In fact, a quarter of all flood insurance claims come from low-to-moderate risk areas.

Also remember that most policies take 30 days to become effective before they can be used. More information about flood insurance is available by going online to www.floodsmart.gov.

Hillsborough County is a Class 5 Community (in the top 10 percent nationally) within the Community Rating System. This provides residents with high-risk flood policies a 25 percent discount and standard low-risk policies a 10 percent discount. There are no additional reductions for Preferred-Risk Policies, which are already discounted.

Updated July 2015

IMPORTANT NUMBERS AND ADDRESSES

Hillsborough County Hazard Mitigation Program
County Center, 2nd Floor,
601 E. Kennedy Blvd., Tampa, Florida 33602

For Hillsborough County:
Hazard Mitigation Program
Development Services
Storm Sewer Problems
(813) 307-4541
(813) 272-5600
(813) 635-4400

For City of Tampa:
Stormwater Operations
Construction Service Center
(813) 274-3101
(813) 274-3100

For City of Temple Terrace:
(813) 506-6570

For City of Plant City:
(813) 659-4200

FLOOD MAP WEBSITE

For more information on the County's flood maps, repetitive flood loss areas, flood insurance, and general tips on flood safety, visit:

www.hillsboroughcounty.org/FloodMaps. For information on evacuation zones and risk to your surge, visit: www.HillsboroughCounty.org/Emergency and select 2014 Hurricane Season, then The Hurricane Evacuation Assessment Tool (HEAT) link.

NOTE: If you have received this publication in error or have had your address changed, please contact the Hazard Mitigation Program by way of a Letter of Map Revision or Letter of Map Amendment to disregard mandatory insurance information, but retain for future flooding and safety issues. Note that being mapped out of a high-risk area does not remove the risk of flooding. It is only reduced.

Si usted necesita información en Español, favor de llamar a www.hillsboroughcounty.org/FloodMaps al (813) 272-5900.

QUESTIONS ABOUT OTHER COUNTY SERVICES?

Call the Hillsborough County Information Service Center at (813) 272-5900.

U.S. POSTAGE
PAID
#6881 STD
TAMPA, FL 33601
Permit No. 295

Public Works Department

Information For Residents In The High-Risk Flood Zone

Hazard Mitigation Program
Public Works Department
County Center, 2nd Floor
601 E. Kennedy Blvd., Tampa, FL 33601-1110



Activity 334



TYPES OF FLOODING

While flooding can occur anytime and anywhere when heavy or steady rain occurs, Hillsborough County's flooding can generally be categorized as "coastal," "inland," and "riverine" flooding.

- Coastal flooding** is often associated with a tropical storm or hurricane and includes damaging waves. Coastal areas of southern and western Hillsborough County are subject to this type of flooding.
- Inland flooding** occurs when lakes rise above normal levels or when depressions in the land are filled with rain and create "ponds." Development can contribute to this type of flooding as natural surfaces are paved and do not allow for water absorption into the ground at the normal rate. Areas in the northwest portion of the County are subject to this kind of flooding.
- Riverine flooding** is often caused by flooding of rivers over their banks. Also, abnormally high tides in the Bay can reduce the ability of streams and rivers to discharge, causing them to overflow. Areas along the Hillsborough, Alafia and Little Manatee Rivers are subject to this kind of flooding.

There are repetitive flood-loss properties within the areas described above. A map showing areas of repetitive losses is available for review at the John F. Germany Library in downtown Tampa or at www.HillsboroughCounty.org/FloodMaps.

PROPERTY PROTECTION MEASURES

The following methods may assist in protecting your home:

- You can divert water from your property by regrading or by constructing a retention basin. The construction of swales (a shallow ditch) in retention areas, small, shallow depressions are retention areas.
- These methods may require permits and should be discussed with design professionals in the County's Development Services Department at (813) 272-5600.

- In extreme weather, you may need to use sandbags in conjunction with other materials to seal openings and doors. Listen to media reports about which local facilities are providing this service or contact your local government about availability.
- If water draining off your roof is causing a problem, gutters can help direct the runoff away from your house.

The County Hazard Mitigation Program also has copies of (or can provide access to) design publications that may assist in floodproofing and repairing your home or business. You also may request a staff member visit your property for further information on retrofitting, remodeling and other topics.

Contact the Hazard Mitigation Program by calling (813) 307-4441, or listing them at the address listed in the back of this publication.

DRAINAGE REQUIREMENTS

One way to reduce flooding around your property is to ensure that water drains correctly. Here are some tips on improving drainage:

- Do not place any debris – lawn trash or otherwise – in stormwater inlets, ditches, or other waterways.
- Dumping into the drainage system can easily create blockages that result in flooding during a severe rain – the house you flood may be your own!

Also, it is a violation of the Hillsborough County Environmental Protection Commission (EPC) Waste Management Rule 1-7 and Stormwater Ordinance 94-15 to dump anything into any public drainage system. Contact the EPC at (813) 637-2600 if you witness dumping.

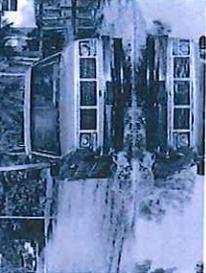
- Always check with Development Services Department's Natural Resources Section at (813) 272-5600 before you make changes, such as grading, filling or construction on your property.

FLOOD SAFETY & INFORMATION

Stay away from flood waters. The number one cause of death during floods is drowning. High water often conceals storm drain inlets and the depth of ditches.

Driving in Flooded Areas
Drive around flooded intersections or choose another route. Water depths of 6 to 10 inches are enough to ruin an engine and carry away your car in fast-moving flood waters.

Danger Of Electricity
Do not approach electrical lines and never use electrical equipment in areas that are well known to be flooded. Turn off your electricity, check for gas leaks, be alert for animals, and watch your step for hidden hazards.



Flood Emergencies

If you have a flooding emergency or drainage problem on your property or nearby road, call the County's Public Works Department at (813) 632-5400 for help.

If maintenance of a County-owned drainage system is required, they can handle it. If the system is not maintained by the County, they can refer to further investigation. They can also explain ways to reduce the chance of flooding and prevent damage on your property.

There is also extensive emergency information in free "Hurricane Guides" provided to the public, which are typically available June through November at County facilities and other locations, such as post offices.

FUNCTION OF FLOODPLAINS AND WETLANDS

Although much of this brochure talks about the concerns surrounding our County's floodplains, they also serve a positive function in our environment. These areas are necessary to receive and discharge water runoff and help refill our groundwater supply. They also provide a place to filter pollutants and prevent out of water, and buffer the land from hurricanes and stormsurge.

Because of the benefits of floodplain areas and wetlands, there are several governmental efforts to protect them. The Environmental Protection Commission of Hillsborough County implements and enforces wetland protection and mitigation rules, which includes reviewing rezoning requests to decide if they will impact wetlands, requiring mitigation of destroyed wetlands and repair of affected wetlands. County residents also voted in 1987 to dedicate a portion of property taxes to purchase environmentally-significant land in Hillsborough County through the Jan K. Platt Environmental Lands Acquisition and Protection Program (ELAPP). Since its inception, ELAPP has preserved more than 60,000 acres of land.

Additionally, with assistance from FEMA, the County's floodplain management program purchases, respectively flooded land to reestablish natural systems, where practical.

All of these floodplain and wetland management programs also lower the cost of flood insurance for County residents, because the National Flood Insurance Program gives discounts to communities that undertake activities to reduce their flooding risk.

FLOODPLAIN MANAGEMENT PLAN

For more information about the County's Floodplain Management Plan, go to: www.HillsboroughCounty.org/FloodMaps. If you would like to provide input on better ways for the County to assist you with flood protection, a comment form also is available on the website listed above. We appreciate your help and your comments.

verizon

TAMPA

Apollo Beach Brandon Gibsonton Land O'Lakes Lithia Lutz Mango New Tampa
Oldsmar Riverview Ruskin Seffner Sulphur Springs Sun City Temple Terrace
Thonotosassa Town N'Country Valrico Wesley Chapel Wimauma

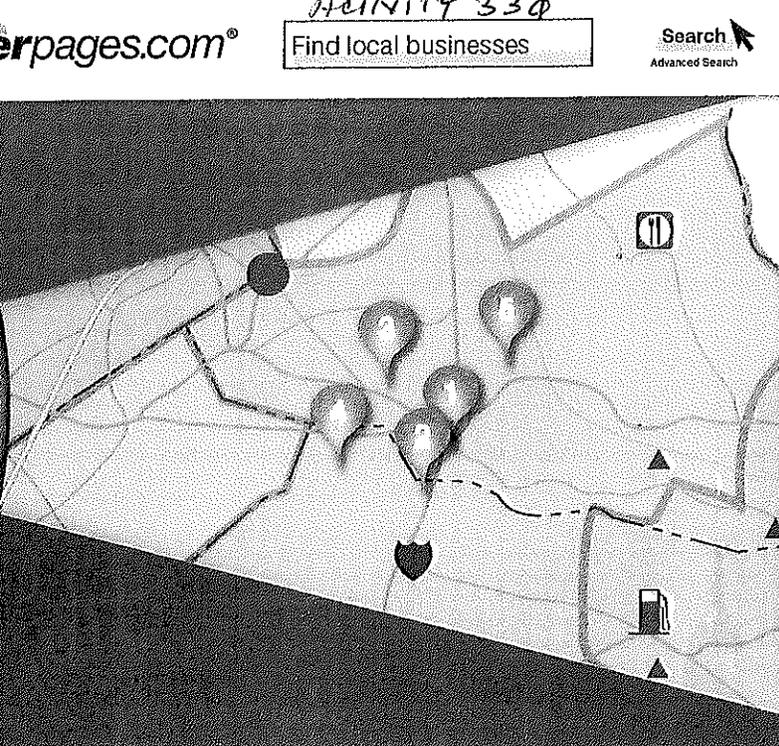
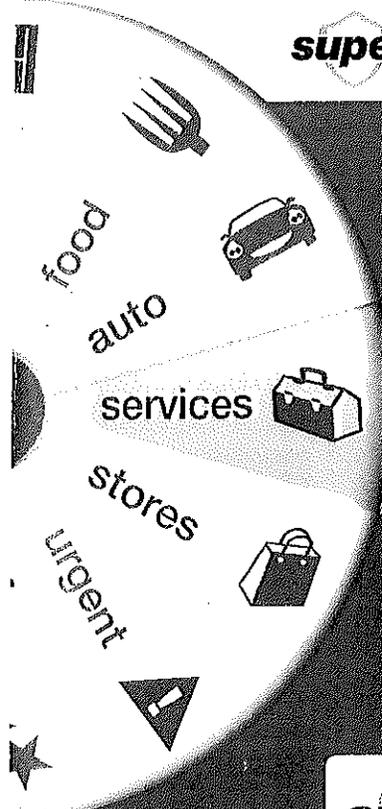
KEEP ME UNTIL YOUR NEW BOOK ARRIVES IN 2015

Area Code 813 January 2014-2015

superpages.com®

ACTIVITY 330
Find local businesses

Search
Advanced Search



superpages®

Your Local Search Choice.
Online. On your phone. In your book.

Download the
Superpages®
mobile app today.



To order directories or to stop delivery,
visit www.yellowpagesoptout.com
or call 1-800-888-8448.
Please recycle.



superguarantee®

Look for a business backed by the SuperGuarantee.®
Brought to you by SuperMedia.



Winters & Yonker

Get Aggressive Attorneys

We handle
all types
of injury cases.

In Tampa call 24/7:

223-6200

www.WintersandYonker.com

No fee or costs
unless we win.
Tampa.

Residential white pages are available at www.verizon.com/whitepages.
To obtain a free copy of the residential white pages, call 1-800-888-8448.

If your local or long-distance telephone service provider fails to follow the billing and collection procedures mandated by federal regulations any disputed amount up to \$50 may be forfeited to the customer.

Should you have questions regarding any of this, please call your local or long-distance telephone service provider using the telephone numbers listed on your bill.

Custom Abbreviated Dialing

Custom Abbreviated Dialing (CAD) is a local service that provides callers with information at a cost-per-call basis. It is similar to 700/900/976 numbers; the same rules apply to all cost-per-call services and free blocking of all cost-per-call numbers is available. (Please see the previous section for more information about cost-per-call services.) Unlike 700/900/976 numbers, you only have to dial four digits to reach information providers through Custom Abbreviated Dialing, and some businesses with Custom Abbreviated Dialing numbers don't charge for calls to their numbers.

Other Telephone Service Laws and Practices
Throughout the Customer Info Guide, we've told you about many of the rules and regulations that govern telephone service. Here are some other important things you should know:
Your local telephone service provider furnishes telephone service without regard to race, national origin, color, religion, sex, marital status or disabilities. Your local telephone service provider is regulated by this state's public service commission. A complete copy of rules and regulations governing telephone service is available at the office.

A schedule of current rates is available at the Public Service Commission's state office. All telephone numbers are owned by your local telephone company, which has the right to change any number as may be required.
When you call toll-free and cost-per-call numbers (see page 7, Area Code listings under WATS and CPC numbers), the telephone number you're calling from may be transmitted to the company you called. Your number could be available to that company's service representative before your call is answered.
No automatic dialing announcing device can be connected to your local telephone service provider's network unless it complies with Federal Communications Commission (FCC) rules. Autodialers used to transmit artificial or prerecorded voice messages should automatically release the called party's line within 5 seconds of that party's hang-up signal reaching the caller's dialing system.

For your protection, your local telephone service provider is able to detect fraudulent calls. Defrauding or attempting to defraud a telephone company or its service providers is prohibited by state and federal laws.

In Case of Emergency

Emergency situations can happen at any time, on any given day. Floods, tropical storms, hurricanes, and tornadoes are facts of life in Florida. So are thunderstorms and lightning. And the movement of hazardous materials throughout the region is relatively normal, because they are routinely used by industry, business, government and private citizens. So what can you do about extraordinary situations that are simply part of ordinary life? Here are some tips to help you and your family through trying times should they arise. It's advice you should follow in cases of emergency.

TROPICAL STORMS & HURRICANES Be prepared!

The hurricane season is June through November. Refer to the Hurricane Evacuation Maps on pages 12-14. Locate where you live and your evacuation level. Determine if and when you would have to evacuate.

REMEMBER: ALL MOBILE HOME RESIDENTS MUST EVACUATE, REGARDLESS OF LOCATION.

- Decide **NOW** where you would go if ordered to evacuate (a friend or relative, a hotel or motel, out of the region or, as a last resort, to a shelter). Remember, if you are going to leave the region or go to a hotel, you must leave early. Determine your route.
- Check your Disaster Supplies Kit and obtain any items you need.
- Keep home in good repair. Tack down loose roofing, trim trees, etc.
- Make the minor improvements, such as bracing gable ends of roofs, needed to make your home safer. Contact a professional, if needed to inspect your home for structural integrity.
- Make plans and purchase materials to protect your home before the storm, especially windows and garage doors.
- Inventory your property (a video tape is excellent).
- Whether you rent or own your home, review your insurance policies with your agent now.

AS THE STORM APPROACHES

- Hurricane Watch**
- Listen for weather updates on local stations and on NOAA Weather Radio.
- Don't trust rumors, and stay tuned to the latest radio and TV information.
- Check your Disaster Supplies Kit. Obtain any needed last minute items.
- Refill prescriptions. Maintain at least a two-week supply during hurricane season.
- Clear yard, e.g. lawn furniture, potted plants, bicycles, and trash cans.
- Protect your windows and glass doors: Brace double entry and garage doors at the top and bottom.
- Fill your car's gas tank and check oil, water, and tires. Gas pumps don't operate without electricity.
- Secure your boat early. Drawbridges will be intermittently closed to boat traffic after an evacuation order is issued.
- Leave the swimming pool filled and super-chlorinated. Cover the filtration system.
- Get cash. Banks and ATMs won't be in operation without electricity and few stores will be able to accept credit cards.

IF YOU MUST EVACUATE

Hurricane Warning

- Stay tuned to your local radio and television station for emergency broadcasts. If ordered to evacuate, you must do so immediately.
- Take your Disaster Supplies Kit with you!**
- Take important papers with you, including your driver's license, special medical information, insurance policies and property inventories.
- Let friends and relatives know where you are going. Make sure your neighbors have a safe ride.
- Turn off major appliances.
- Lock windows and doors.

5 1 1 is a free service for landline phone and no extra charge for wireless phones, than minutes used. By dialing 5 1 1, you can get up-to-date road conditions 24 hours a day, 7 days a week. If you require additional information, 5 1 1's web address is <http://www.111va.gov/trafficinfo/511>.

IF YOU CAN STAY AT HOME

- If you are outside the evacuation area and do not live in a mobile home, you can stay home.
- Make sure your windows are protected and your home is secured.
- Clean containers for drinking water and your tub for storing cleaning water. Plan on one gallon per person, per day for all uses.
- During the storm, stay inside and away from windows, skylights and glass doors.
- Wait for official word that the danger is over before being fooled by the storm's calm "eye."
- If flooding threatens your home, turn off electricity at the main breaker.
- Offer your home as shelter to family members and relatives who live in vulnerable mobile homes.
- If you lose power, turn off major appliances: the air conditioner and water heater to reduce damage.

Find a safe area in your home—an interior, reinforced room, hallway, or bathroom on lower floor.

- BE PATIENT.** Access to affected areas will be controlled. You won't be able to return to your home until search and rescue operations are complete. Safety hazards, such as downed trees and power lines, are cleared. It may take up to three days for emergency crews to reach your neighborhood. Stay tuned to your local radio station for updates and instructions about emergency medical and other forms of assistance.
- Have valid ID.** Security operations will be strict. Valid identification with your local address will be required.
- Avoid driving.** Roads will have debris and puncture your tires! Don't add to the congestion. Relief workers, supply trucks, law enforcement and other emergency personnel will be on the road. Don't sight-see, especially at night. You may be mistaken for a looter!

FOR YOUR SAFETY

- Avoid downed or dangling utility wires. Metal may have been "energized" by fallen wires. Especially careful when cutting or clearing trees. They may have power lines tangled in them. Beware of snakes, insects, or animals driven higher ground by floods.
- Enter your home with caution. Open windows to ventilate and dry your home.
- If there has been flooding, have an electrician inspect your home or office before turning on breakers.
- Be careful with fire. Do not strike a match in an area where there are no breaks in gas lines. Use battery-operated flashlights and lanterns instead.
- Keep grills outdoors.
- Assess and photograph damage to your home and its contents.
- Use your telephone and cellular phone for emergencies only.

CUSTOMER INFO GUIDE

GENERAL INFORMATION

- REPAIRS AND SAFETY PRECAUTIONS**
- Make temporary repairs to correct safety hazards and minimize further damage.
 - Only hire licensed contractors to do repairs. Check with the local Building Department to ensure the contractor is licensed. If you hire a contractor, don't pull the permits for them. If the contractor makes this request, it may be an indication that he is not properly licensed.
 - Take photographs of all damage before repairs and keep receipts for insurance purposes.
 - Call professionals to remove large, uprooted trees, etc.
 - Always use proper safety equipment such as gloves, safety goggles, heavy boots, light-colored long-sleeve shirts and long pants.
 - To back long hair, wear a hat and sunscreen.
 - Drink plenty of fluids, rest, and ask for help when you need it.
 - Lilt with the legs, not with the back.
 - Don't burn trash.
 - If you can't identify it, don't touch it.
 - Be extremely careful with a chain saw and always heed safety warnings.

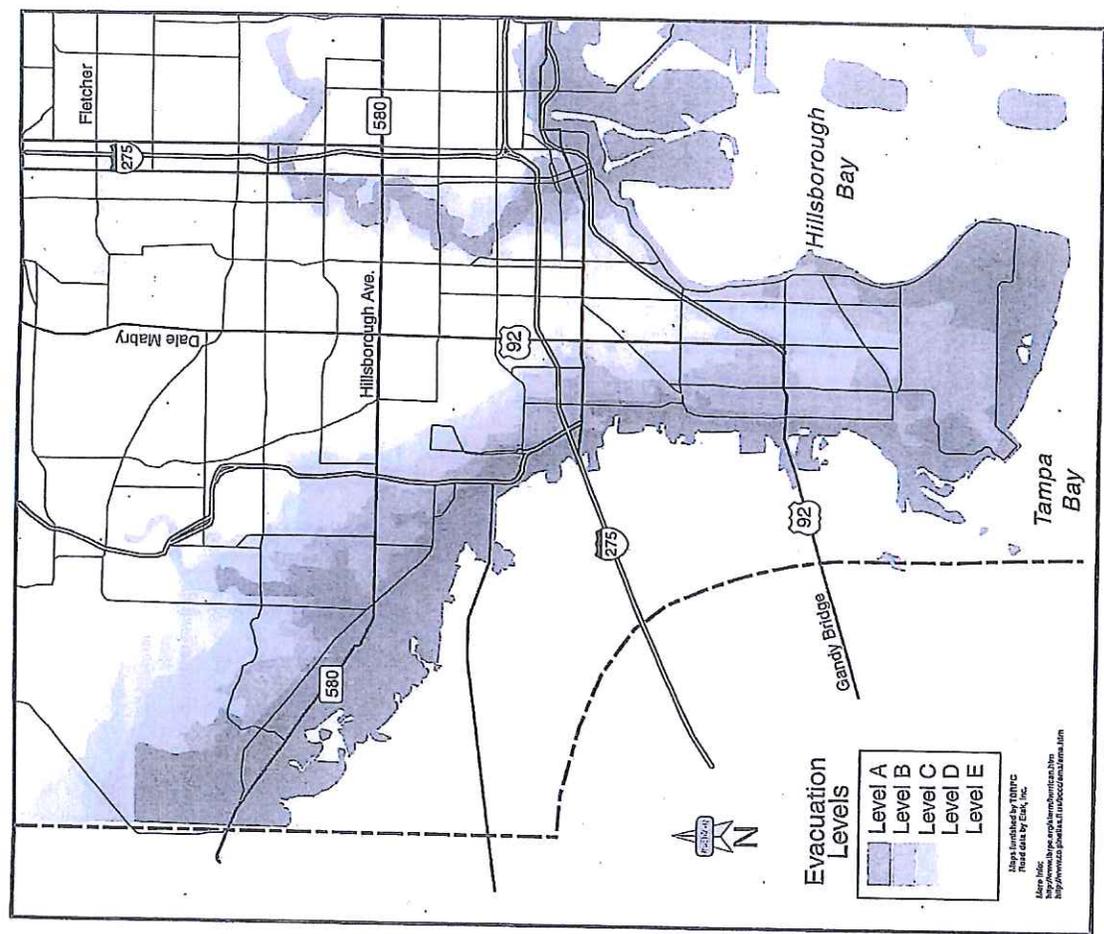
HILLSBOROUGH COUNTY EVACUATION SHELTERS

County preparedness plans call for the opening of certain emergency shelters during a hurricane approach. For tropical storms, localized high tides, or freshwater flooding, you will be informed of selected shelter openings by your local emergency personnel through television and radio announcements. For numeric listing of shelters see: www.hillsboroughcounty.org/emergency/programservices/shelterinfo.cfm

NO	NAME/ADDRESS	NO	NAME/ADDRESS	NO	NAME/ADDRESS
22	%*- Adams Middle School 10201 N Boulevard, Tampa	25	%*- Jennings Middle School 8799 Williams Rd, Seffner	21	%*- Strawberry Crest High School 4691 Gallagher Rd, Dover
2	%*- Armwood High School 12000 U.S. Hwy 92, Seffner	56	% Knights Elementary School 4815 N Keene Rd, Plant City	46	% Stowers Elementary School 13915 Barrington Stowers Dr, Lithia
30	%*- Barrington Middle School 5925 Village Center Dr, Lithia	18	% Lake Magdalene Elementary School 2002 Pine Lake Dr, Tampa	34	% Summerfield Crossings Elementary School 11050 Fairway Meadows Dr, Riverview
31	%*- Bartels Middle School 9020 Imperial Oak Bl, Tampa	44	% Lennard High School 2002 Shell Point Rd, Ruskin	10	% Synnes High School 6280 Watson Rd, Riverview
27	%*- Benito Middle School 10101 Cross Creek Bl, Tampa	12	%*- Marshall Middle School 18 S Maryland Ave, Plant City	58	% Tampa Bay Boulevard Elementary School 3111 Tampa Bay Bl, Tampa
43	% Bevis Elementary School 5720 Osprey Ridge Blvd, Lithia	3	% McKirkick Elementary School 5503 Lutz Lake Fern Rd, Lutz	14	% Tomlin Middle School 501 N Woodrow Wilson St, Plant City
35	%*- Brandon High School 1101 Victoria St, Brandon	5	%*- Middleton High School 4801 N 22nd St, Tampa	62	% Turner Elementary School 9190 Imperial Oak Bl, Tampa
50	% Bryant Elementary School 13910 Nine Eagles Bl, Tampa	28	%*- Mulreanan Middle School 4215 Durant Rd, Valrico	39	% Valrico Elementary School 609 S Miller Rd, Valrico
4	% Chiles Elementary School 16541 W Tampa Palms Bl, Tampa	20	% Nelson Elementary School 5413 Durant Rd, Dover	42	% Walden Lakes Elementary School 2300 Turkey Creek Rd, Plant City
7	% Cimino Elementary School 4329 Culbreath Rd, Valrico	16	% Oak Park Elementary School 2716 N 46th St, Tampa	1	%*- Wharton High School 20150 Bruce B Downs Bl, Tampa
33	% Collins Elementary School 12424 Summerfield Blvd, Riverview	11	% Pizzo Elementary School 11701 Bull Run Dr, Tampa	47	% Wilson Elementary School 702 English St, Plant City
38	% Cork Elementary School 3501 N Cork Rd, Plant City	45	% Pride Elementary School 10310 Lions Don Dr, Tampa		
41	% Crestwood Elementary School 7824 N Manhattan Av, Tampa	13	% Reddick Elementary School 325 West Lake Dr, Wimauma		
23	# Deer Park Elementary School 11605 Citrus Park Dr, Citrus Park	24	% Sessums Elementary School 11525 Rambles Creek Dr, Riverview	*	Open for All Storms (Unless Otherwise Noted)
15	% Doby Elementary School 6720 Covington Garden Dr, Apollo Beach	32	% Shashy Elementary School 6402 N 40th St, Tampa	%	Open for Higher Intensity Storms (Category 3 & Higher)
40	% Forest Hills Elementary School 10112 N Ola Ave, Tampa	9	%*- Shields Middle School 3908 19th Ave NE, Ruskin	#	Will Not open for Category 4 or 5 hurricanes.
55	# Giunta Middle School 4202 S Falkenburg Rd, Riverview	6	%*- Simmons Center 1202 Grant St, Plant City	&	Will Not open for Category 5 hurricanes.
48	%*- Greco Middle School 6925 E Fowler Ave, Temple Terrace	36	%*- Smith Middle School 14303 Citrus Pointe Dr, Citrus Park	@	County Staffed Pet Friendly Shelters
19	% Hammond Elementary School 8008 N Mobley Rd, Odessa	49	%*- Stembrenner High School 5575 Lutz Lake Fern Rd, Lutz	+	Have ADA Accessible Restrooms



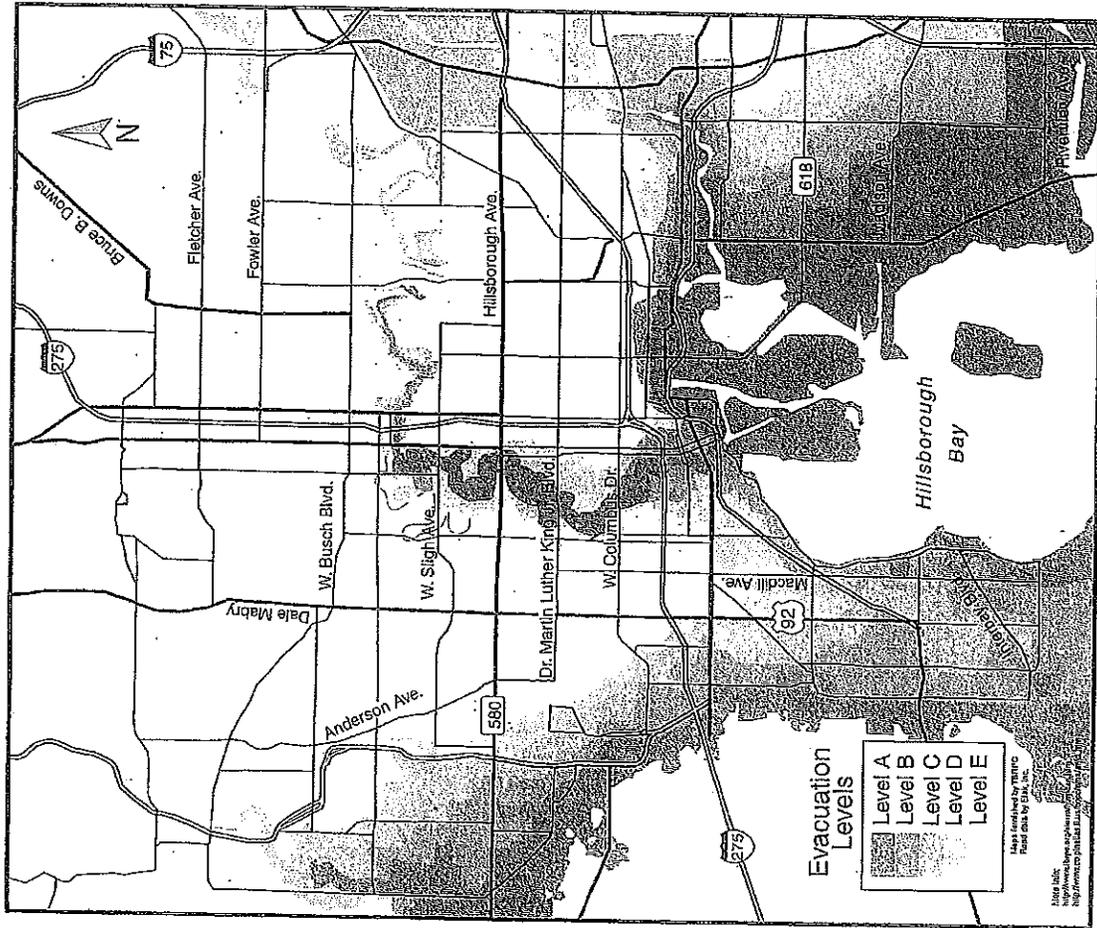
West Hillsborough County Hurricane Evacuation Zones



ACTIVITY 330



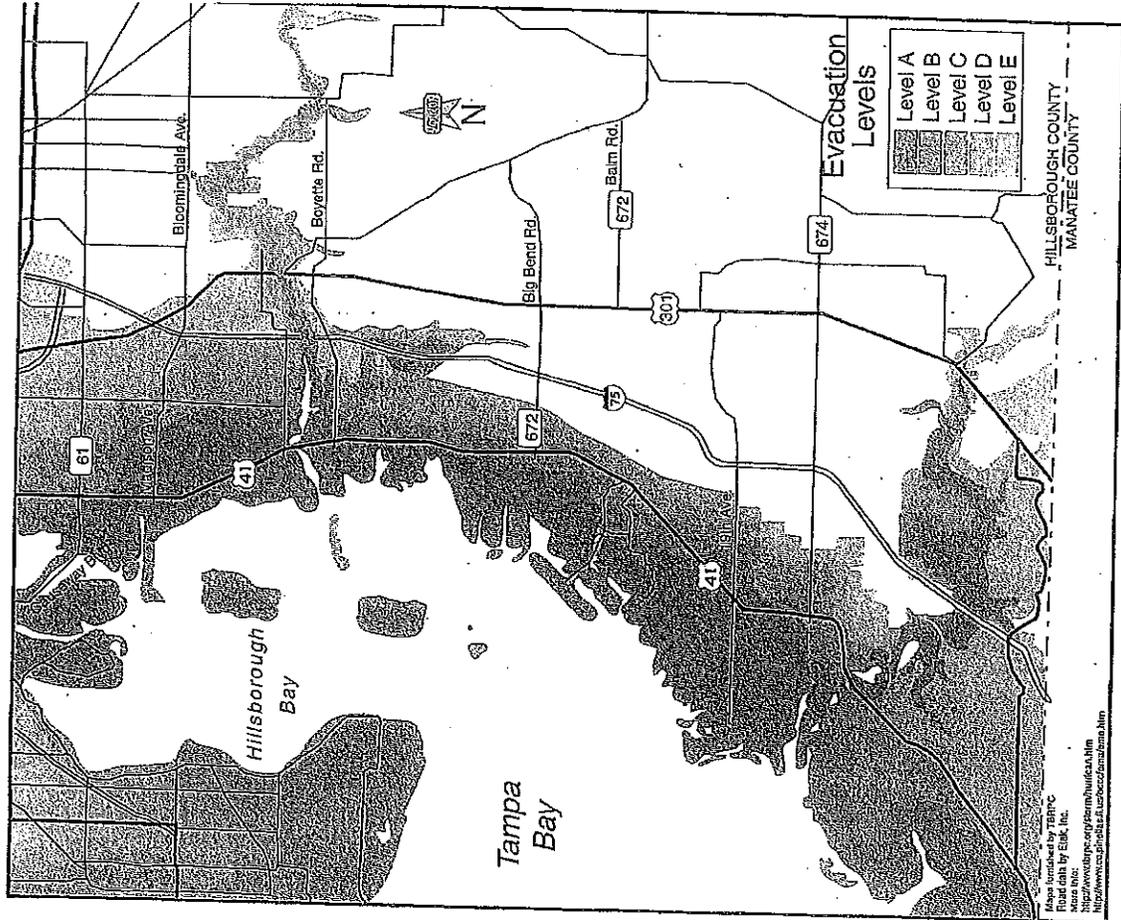
North Hillsborough County Hurricane Evacuation Zones





GENERAL INFORMATION

South Hillsborough County Hurricane Evacuation Zones



74 CUSTOMER INFO GUIDE



HELP IS HERE

Hillsborough County Emergency Management is ready to help if you have questions about disaster preparedness. If you will need assistance with transportation during an evacuation because of age, disability, or other special needs, please register with us NOW. Hillsborough County Info Line 813-272-5900

Hillsborough County Emergency Management
813-272-5900
Florida Relay Service
Deaf Communication Center for TDD Messages
813-276-2395
Special Needs Registration
813-272-5900
Hillsborough County Bldg Dept. (Building Permits/Inspections)
813-272-5600

YOU CAN HELP TOO
Be Part of the Disaster Team
American Red Cross
813-251-0921
Salvation Army
813-225-0055

DISASTER SUPPLIES KIT

- One of the most important tools for emergency preparedness is the Disaster Supplies Kit. Following are the most important items for your kit. Stock up today and replenish as necessary.
- Two weeks supply of prescription medicines
- Two weeks supply of non-perishable/special dietary foods
- Drinking water/containers—3 gal. per person
- Flashlights and 7 sets of batteries for each family member
- Portable radio and 7 sets of batteries
- First aid kit including bandages, antiseptic, pain reliever, and anti-diarrhea medication
- Mosquito repellent
- Two coolers (one to keep food; one to go get ice)
- Plastic tarp, tools, screening, and nails
- Water purification kit (tablets, chlorine (plain), or iodine)
- Infant necessities (medicine, water, diapers, ready formula, bottles)
- Clean-up supplies (mop, buckets, towels, disinfectant)
- Camera and film
- Non-electric can opener
- Extra batteries for camera, flashlights, radio, portable TV and lamps, etc.
- Toilet paper, paper towels, and pre-moistened towelettes
- If you evacuate you also should take:
 - Pillows, blankets, sleeping bags, or air mattresses
 - Extra clothing, shoes, glasses, etc.
 - Folding chairs, lawn chairs, or cots
 - Personal hygiene items such as toothbrush, comb, and deodorant
 - Quiet games, books, playing cards, and favorite toys for kids
 - Important papers (driver's license, medical info, insurance policies, and property inventory)
- Precious commodities after a storm:
 - Cash (With no power, banks and ATMs may be closed, checks and credit cards unaccepted)
 - Charcoal, matches, and grill
 - Ice
 - Non-electric (corded) phone

REPAIRS AND SAFETY PRECAUTIONS

- Make temporary repairs to correct safety hazards and minimize further damage.
- Only hire licensed contractors to do repairs. Check with the local Building Department to ensure the contractor is licensed. If you hire a contractor, don't pull the permits for them. If the contractor makes this request, it may be an indication that he is not properly licensed.
- Take photographs of all damage before repairs and keep receipts for insurance purposes.
- Call professionals to remove large, uprooted trees, etc.
- Always use proper safety equipment such as gloves, safety goggles, heavy boots, light-colored long-sleeve shirts and long pants.
- Tie back long hair, wear a hat and sunscreen.
- Drink plenty of fluids, rest, and ask for help when you need it.
- Lift with the legs, not with the back.
- Don't burn trash.
- If you can't identify it, don't touch it.
- Be extremely careful with a chain saw and always head safety warnings.

THUNDERSTORMS, LIGHTNING, & TORNADOES

Along the Gulf Coast, most thunderstorms occur during the afternoon. Thunderstorms affect relatively small areas when compared with hurricanes and winter storms. The typical thunderstorm is 15 miles in diameter and lasts an average of 30 minutes. Despite their small size, thunderstorms can be dangerous. Every thunderstorm produces lightning, which kills more people than tornadoes. Heavy rain can lead to flooding. Strong winds and tornadoes are also dangers associated with some thunderstorms. **Straight-line** Winds are responsible for most thunderstorm wind

damage. A small area of rapidly descending air beneath a thunderstorm can cause damaging winds in excess of 100 mph. One type of straight-line wind, the **downburst**, can cause as much damage as a strong tornado.

LIGHTNING SAFETY

Your chances of being struck by lightning are one in 600,000 but can be reduced by following safety rules. Most lightning deaths and injuries occur when people are caught outdoors. Just remember: Lightning can strike anywhere! **Remember**—Check the weather forecast before leaving for extended periods outdoors and watch for signs of approaching storms.

- Postpone outdoor activities if thunderstorms are imminent.
- If you can hear thunder, seek shelter. Move to a sturdy building or car.
- Do not take shelter in small sheds, under isolated trees, or in a convertible.
- Get out of boats and away from water. Do not stay in the pool or take a bath/shower.
- Do not use electrical appliances or the telephone unless it is cordless.

If you feel your skin tingle or your hair stand on end, squat low to the ground on the balls of your feet. Place your hands on your knees with your head between them. Make yourself the smallest target possible and minimize your contact with the ground.

TORNADO SAFETY

A tornado is defined as a violently rotating column of air extending from a thunderstorm to the ground. The most violent tornadoes are capable of tremendous destruction with wind speeds of 250 mph or more. Florida is #1 in number of tornadoes per square mile. Most are weak, however, strong ones do occur. Tampa Bay averages 23 tornadoes yearly. The average wind

speed of a west central Florida tornado is 67 mph. If a **Tornado Warning** is issued or if threatening weather approaches:

- Move to your **safe room**—an interior room or hallway on the lowest floor or basement and, if possible, get under a heavy piece of furniture.
- Stay away from windows, skylights, or glass doors.
- Get out of automobiles. Do not try to outrun a tornado in your car; instead, leave the car immediately.
- If caught outside, lie flat in a nearby ditch or depression.
- Mobile homes, even if tied down, offer little protection from tornadoes and residents should seek shelter in a more substantial building.
- Occasionally, tornadoes develop so rapidly that advance warning is not possible. Remain alert. Flying debris from tornadoes causes most deaths and injuries.

FRESHWATER FLOODING

While flooding does result from hurricanes, flooding can also occur during winter storms and prolonged summer thunderstorm activity.

1. **Know Your Risk!** Contact your insurance agent to determine if you live in the 100-year or 500-year flood plain. If you do, purchase flood insurance! Your homeowner's policy does not cover flood damage!
2. **Your Disaster Supplies Kit!** See above for a list of emergency supplies.
3. **Flood Warning!** Here are protective common-sense measures to take:
 - Move valuable objects higher. Place them on shelves, tables and counter tops.
 - Fuel your vehicle and check oil/water.

Activity 534

CUSTOMER INFO GUIDE

4. During The Flood Stage

- Stay on higher ground.
 - Do not drive on a flooded road!
 - Don't wade in water above your knees.
- ### 5. After The Flood
- Do not eat food that has come into contact with flood water. Use your non-perishable food.
 - Drink only bottled or previously stored water.
 - Stay away from disaster areas.
 - Do not handle live electrical equipment and report downed power lines.
 - Keep tuned to local stations for emergency information.

For more information, call the Southwest Florida Water Management District at **1-800-423-1476** and ask for "The Floodplain Facts." TTY customers dial **1-800-231-1603**.

PROTECT YOUR BUSINESS!

Following Hurricane Andrew, an estimated 8,000 businesses and 100,000 jobs were lost. Use the following checklist to prepare a Business Disaster Recovery Plan:

Know Your Risk. Check your hurricane evacuation level and FEMA flood maps! Is your workplace vulnerable to hurricane force winds? Have your building inspected by a licensed professional.

Take Necessary Precautions. If a storm threatens, secure your building. Cover windows with shutters or plywood. Cover and move equipment/furniture to a secured area.

Always protect your data with backup files. If dependent on data processing, consider an alternate site. Make provisions for alternate communications and power.

Make provisions to work with limited cash, water and sewer, and no power. Store supplies.

Protect Your Employees. Employee safety comes first! Prepare, distribute and exercise your plan for recovery. Consider providing shelter to employees and their families and helping with supplies after the storm. Establish a rendezvous point/time in case damage is severe and communications are disrupted. Establish a call-down procedure for warning/post-storm communications. Provide IDs.

Contact Your Customers and Suppliers.

Share your communications and recovery plan in advance.

Review Your Insurance Coverage.

Inventory and photograph equipment, supplies and workplace. Have copies of insurance policies and customer service/home numbers. Obtain Business Interruption Insurance and other needed coverage. Check co-payments. **Remember:** Flood damage requires separate coverage and is **NOT** covered under other insurance programs.

After the Storm. Use caution before entering. Check for power lines, gas leaks and structural damage. If any electrical equipment is wet, contact an electrician. Prepare loss information for insurance claims and get independent estimates of damages. Take pictures before cleanup. Minimize additional damage. For more information, contact the Southwest Florida Regional Planning Council, your local Chamber of Commerce or county emergency management office.

HAZARDOUS MATERIALS EMERGENCIES

The good things chemicals bring into our lives have become vital to us. Although major chemical emergencies are extremely rare, there always remains a chance that one will occur. In case of a hazardous material emergency, knowing how to respond will greatly lessen the chance of injury. The Tampa Bay Local Emergency Planning Committee at **727-570-5151, ext. 248**, is available to answer your questions.

IF TOLD TO "SHELTER IN PLACE"

Protect yourself inside your house or some other building. This action will be recommended if there is a short release, a small amount of hazardous material in the air, or if time does not permit evacuation before the arrival of a cloud of toxic vapor.

Remember:

- Stay inside until local officials say you can leave safely. Bring all pets indoors! This will likely be for no more than a few hours.
- Close all doors and windows.
- Seal all gaps under doorways and windows with wet towels and duct tape.
- Turn off heating and cooling systems.
- Listen to your local radio or TV stations for further instructions.
- Resist the impulse to go outdoors before given the "All Clear" by authorities.

If you are told to protect your breathing, cover your nose and mouth with a damp cloth folded over several times.

The World of SuperMedia LLC

SuperMedia LLC, the official publisher of Verizon® print directories, makes life easier with the Verizon® Yellow Pages — whether you're a consumer looking to buy or an advertiser wanting to sell.

Yellow Pages Options for Advertisers
Your company receives a free yellow pages listing under the category of your choice. You can enhance this basic listing with a yellow pages advertising.

To advertise in the Verizon® White Pages and Yellow Pages, contact your Media Consultant:

Advertising & Client Care **1-866-91-SUPER**
(1-866-917-8737)
Or www.supermedia.com

**ANY DIRECTORY,
ANY TIME.**

You can order any directory, any time of day, seven days a week by calling **1-800-888-8448** or find us on the Internet at www.directorystore.com.

GENERAL INFORMATION

IF TOLD TO "EVACUATE"

You should move to the place/shelter designate public officials. Listen to your radio and TV for instructions and follow these guidelines:

- Stay calm. If you already know where to go a to take, that will help.
- Quickly gather what you will need, unless you are told to leave immediately.
- Turn off lights, heating, cooling, ventilation system and lock your house.
- Use only one vehicle for your family. If possible offer your neighbors a ride.
- Keep car windows/air vents closed. Do not use AC until you are out of the area.
- Drive safely—Law enforcement officers will be with traffic control.
- Do not worry about your property while you are away. The area will be secured.
- If you need a ride, ask a neighbor. If you cannot, officials will arrange transportation, if possible your County Emergency Management Dept. to register NOW.

YOUR CHILDREN

If your children are in school, officials will take care of them. If students have to evacuate, they will be told to move. Do not try to call or go to your child school to pick them up—that could delay their evacuation to a safer area. Teachers and other staff will take them to a designated place or shelter. In cases, the school may not be at risk to the chemical release. Either way, you will be told by local officials where to pick up your children.

PETS

Pets will not be allowed inside public shelters, but take them with you in a hazardous material emergency—provisions can be made for them if you have their carrier, food, leash, collar, tags, and medication.

WHEN YOU RETURN

Officials will notify you as to what precautions need to be taken. Depending on the type of chemical, you need to:

- Open all windows and doors to air out your house/business.
- Wash all dishes and eating utensils.
- Dispose of any open food, etc.
- Vacuum furniture, floors, other items.
- Change air conditioner filters.
- Wash clothes and bedding.
- Air out files, copy paper, etc.

SuperMedia LLC

SuperMedia delivers a multi-dimensional platform of products that help consumers find what they want. In ways they want to find it. Likewise, it helps businesses attract the customers they want when those customers are ready to buy. SuperMedia is one of the nation's largest providers of yellow and white pages director the company provides sales, publishing, and other related services for over 1200+ directory titles throughout the U.S. with a total circulation of approximately 126 million copies.

Activity 330
Outreach to Floodplain Residents



YOUR FLOOD HAZARD RISK

You are receiving this informational flyer as part of a public safety education campaign by Hillsborough County. The flyer is sent to all addresses that have at least some portion of their property within the County's high-risk flood hazard zone. The outreach mailing list is based on the current flood hazard maps. You can view the updated maps online by going to the County's website at www.HillsboroughCounty.org/FloodMaps.

Even if your structure has been removed through a Letter of Map Revision or Letter of Map Amendment, it is still considered a high-risk area. Your property could be damaged or the structure destroyed. You should review the information and phone numbers in case they are needed.

This flyer is part of the County's floodplain management activities. These activities are reviewed on an annual basis through the National Flood Insurance Program and result in residents receiving discounted flood insurance rates. Currently, the County is within the top ten percent of municipalities in the nation for our aggressive approach to floodplain management. Residents within the unincorporated county receive more than \$6 million dollars annually in combined discounts on flood insurance rates due to those efforts.

FLOOD INSURANCE

Flood insurance helps protect you from the financial devastation caused by floods. To examine your flood risks, go to FloodSmart.gov or www.HillsboroughCounty.org/indicators?ID=3853. Even a few inches of water can bring thousands of dollars in repair and restoration costs. Most homeowners insurance policies do not cover floods. Flood insurance is available through the federally-underwritten National Flood Insurance Program.

Flood insurance, like earthquake insurance, is "single peril" insurance, sold separately from homeowners insurance. Flood insurance protects against losses to buildings and their contents, not the land surrounding them. The coverage applies whether the flooding results from heavy or prolonged rain, coastal storm surge, blocked storm drainage systems, levee or dam failure, or other causes. To be designated as a flood, rising water must cover at least two acres or affect at least two properties. However, a flood claim may be requested any time a structure is affected by rising water.

Flood insurance is available both within and outside of the high-risk flood zone. Your property's flood risk is shown on the County's flood hazard maps, available at www.HillsboroughCounty.org/FloodMaps. Different types of policies are available depending on your flood risk. You will need to ask your insurance agent for more information. A flood insurance agent locator is available online at www.floodsmart.gov.

If you own property with a structure in the high-risk flood area, you likely need a flood insurance policy. Most mortgage lenders will require that you have a policy as part of your loan agreement.

If your structure was built prior to 1980, it is considered Pre-FIRM (pre-flood insurance rate map construction) and follows a specific pricing schedule. Keep in mind that your Pre-FIRM structure may have received a grandfather status or may benefit from a grandfathering status, which might lower your costs. However, the U.S. Congress changed the subsidies under the program, which may affect your Federal flood insurance rates. For more information about program

changes made by congress, please go to the National flood Insurance Programs (NFIP) website: www.fema.gov/flood-insurance-reform.

Remember, though, that if your Pre-FIRM structure is currently grandfathered, you will need to maintain continuous coverage in order to keep your lower insurance cost. If your structure is grandfathered, you will need to maintain coverage with a Pre-FIRM grandfathering pricing schedule. Information about grandfathering and grandfathered flood insurance topics is also available on the NFIP website www.floodsmart.gov.

Flood insurance covers both homes and businesses. With residential coverage, you can buy up to \$250,000 of insurance to protect your structure and up to \$100,000 to protect its contents. If you are located in a high-risk area, federally regulated or insured lenders will require you to have flood insurance for the amount remaining on your mortgage, or \$250,000, whichever is lower.

Outside of high-risk areas, flood insurance is also available usually at lower cost. A Preferred Risk Policy covers both a home and its contents, with premiums as low as \$129 per year. While you are not federally required to have flood insurance in a low-to-moderate risk area, that does not mean you won't ever need it. Large floods often extend beyond the boundaries of high-risk areas, and smaller floods occur outside high-risk areas. In fact, a quarter of all flood insurance claims come from low-to-moderate risk areas.

Also remember that most policies take 30 days to become effective before they can be used. More information about flood insurance is available by going online to www.floodsmart.gov.

Hillsborough County is a Class 5 Community (in the top 10 percent nationally) within the Community Rating System. This provides residents with high-risk flood policies a 25 percent discount and standard low-risk policies a 10 percent discount. There are no additional reductions for Preferred-Risk Policies, which are already discounted.

Updated July 2015

Priority 334



IMPORTANT NUMBERS AND ADDRESSES

Hillsborough County Hazard Mitigation Program
County Center 2nd Floor,
601 E. Kennedy Blvd., Tampa, Florida 33602

For Hillsborough County:
Hazard Mitigation Program
Development Services
Storm Sewer Problems
(813) 307-4541
(813) 272-5600
(813) 635-5400

For City of Tampa:
Stormwater Operations
Construction Service Center
(813) 274-3101
(813) 274-3100

For City of Temple Terrace:
(813) 506-6570

For City of Plant City:
(813) 659-4200

FLOOD MAP WEBSITE

For more information on the County's flood maps, repetitive flood loss areas, flood insurance, and general tips on flood safety, visit: www.HillsboroughCounty.org/FloodMaps. For information on evacuation zones and risk to storm surge, visit: www.HillsboroughCounty.org/Emergency and select 2014 Hurricane Season, then *The Hurricane Evacuation Assessment Tool (HEAT)* link.

NOTE: If you have received this publication in error or have had your structure officially removed from the high-risk flood hazard area by way of a Letter of Map Revision or Letter of Map Amendment, please contact the County Risk Management Department. The high-risk flood area does not remove the risk for flooding, it is only reduced.

Si usted necesita información en Español favor de llamar a la Línea de Información del Condado de Hillsborough al (813) 272-5900.

QUESTIONS ABOUT OTHER COUNTY SERVICES?

Call the Hillsborough County Information Service Center at (813) 272-5900.

Public Works Department

Information For Residents In The High-Risk Flood Zone

Hillsborough County
Public Works Department
Tampa, FL 33601-1110

PS681 STD
U.S. POSTAGE
PAID
TAMPA, FL 33601
Permit No. 293

Hillsborough County
Public Works Department
County Center P.O. Box 1110, 2nd Floor
Tampa, FL 33601-1110



TYPES OF FLOODING

- While flooding can occur anytime and anywhere when heavy or steady rain occurs, Hillsborough County's flooding can generally be categorized as "coastal," "inland," and "riverine" flooding.
- Coastal flooding** is often associated with a tropical storm or hurricane and includes damaging waves. Coastal areas of southern and western Hillsborough County are subject to this type of flooding.
 - Inland flooding** occurs when lakes rise above normal levels or when depressions in the land are filled with rain and create "ponds." Development can contribute to this type of flooding as natural surfaces are paved and do not allow for water absorption into the ground at the normal rate. Areas in the northwest portion of the County are subject to this kind of flooding.
 - Riverine flooding** is often caused by flooding of rivers over their banks. Also, abnormally high tides in the Bay can reduce the ability of streams and rivers to discharge, causing them to overflow. Areas along the Hillsborough, Alafia and Little Manatee Rivers are subject to this kind of flooding.



There are repetitive flood-prone properties within the areas described above. A map showing areas of repetitive losses is available for review at the John F. Germany Library in downtown Tampa or at www.hillsboroughcounty.org/FloodMaps.

PROPERTY PROTECTION MEASURES

- The following methods may assist in protecting your home:
- You can divert water from your property by regrading or by constructing an earthen berm. The construction of swales (a shallow ditch) and retention areas (small, shallow depressions) are other alternatives. These methods may require permits and should be discussed with design professionals in the County's Development Services Department at (813) 272-5600.
 - In extreme weather, you may need to use sandbags in conjunction with other materials to seal openings and cracks. Listen to media reports about which local facilities are providing this service or contact your local government about availability.
 - If water draining off your roof is causing a problem, gutters can help direct the runoff away from your house.
 - The County Hazard Mitigation Program also has copies of (or can provide access to) design publications that may assist in floodproofing and repairing your home or business. You also may request a staff member visit your property for further information on retrofitting, remodeling and other topics.
 - Contact the Hazard Mitigation Program by calling (813) 307-4541 or visiting them at the address listed in the back of this publication.



FLOODPLAIN PERMIT REQUIREMENTS

The Flood Damage Control Regulations of the County Land Development Code and the Construction Code are intended to restrict or prohibit uses and/or construction that are dangerous to health, safety, property and the general welfare from increases in erosion, flood heights or fast-flowing water.

New construction or substantial improvement of any residential structure in the special flood hazard area is required to have the lowest floor elevated to or above the Base Flood Elevation, plus a freeboard requirement of no less than six (6) inches and up to three (3) feet depending on the building's designated risk category.

An elevation certificate that is prepared, signed and sealed by a registered land surveyor will be required. If needed, copies of elevation certificates for structures built after 1991 that were permitted in the high-risk flood zone may be available at the phone number below. Earlier elevation certificates do not have all the information required to get a new federal flood insurance policy, and may not be sufficient if requested. Therefore, a certified surveyor will need to complete a new elevation certificate.

Development in a Coastal High Hazard Area or a Floodway is also regulated by the codes mentioned above. New construction or substantial improvements may have additional requirements that must be met.

Bank/elevation certificates and flood zone determinations are available through the Building Services Division by calling (813) 307-4441.



DRAINAGE REQUIREMENTS

One way to reduce flooding around your property is to ensure that water drains correctly; here are some tips on improving drainage:

- Do not place any debris - lawn trash or otherwise - in stormwater inlets, ditches, or other waterways.
- Dumping into the drainage system can easily create blockages that result in flooding during a severe rain - the house you flood may be your own!

Also, it is a violation of the Hillsborough County Environmental Protection Commission (EPC) Waste Management Rule 1-7 and Stormwater Ordinance 94-15 to dump anything into any public drainage system. Contact the EPC at (813) 627-2600 if you witness dumping.

- Always check with Development Services Department's Natural Resources Section at (813) 272-5600 before you make changes, such as grading, filling or construction on your property.

FLOOD SAFETY & INFORMATION

Stay away from flood waters! The number one cause of death during floods is drowning. High water often conceals storm drain inlets and the depth of ditches.

Driving In Flooded Areas

More people drown in their cars than anywhere else. Drive around flooded intersections or choose another route. Water depths of 6 to 10 inches are enough to ruin an engine and carry away your car in fast-moving flood waters.

Danger Of Electricity

Do not approach electrical lines and never use electrical equipment or appliances that are well known to be unsafe. Turn off your electricity, check for gas leaks, be alert for animals, and watch your step for hidden hazards.



Flood Emergencies

If you have a flooding emergency or drainage problem on your property or nearby roads, call the County's Public Works Department at (813) 685-5400 for help.

If maintenance of a County-owned drainage system is required, they can handle it. If the system is not maintained by the County, they can refer it for further investigation. They can also explain ways to reduce the chance of flooding and prevent damage on your property.

There is also extensive emergency information in free "Hurricane Guides" provided to the public, which are typically available June through November at County facilities and other locations, such as post offices.

FUNCTION OF FLOODPLAINS AND WETLANDS

Although much of this brochure talks about the concerns surrounding our County's floodplains, they also serve a positive function in our environment. These areas are necessary to receive, store and discharge water runoff, and help refill our groundwater supply. They also provide a place to filter pollutants and nutrients out of water, and buffer the land from hurricanes and stormsurge.



Because of the benefits of floodplain areas and wetlands, there are several government efforts in Hillsborough County to protect them. The Commission of Hillsborough County implements and enforces wetland protection and mitigation rules, which include reviewing rezoning requests to decide if they will impact wetlands, requiring mitigation of destroyed wetlands and repair of affected wetlands. County residents also voted in 1987 to dedicate a portion of property taxes to purchase environmentally significant land in Hillsborough County through the Jan K. Platt Environmental Lands Acquisition and Protection Program (ELAPP). Since its inception, ELAPP has preserved more than 60,490 acres of land.

Additionally, with assistance from FEMA, the County's floodplain management program purchases respectively flooded land to reestablish natural systems, where practical.

All of these floodplain and wetland management programs also lower the cost of flood insurance for County residents. The National Flood Insurance Program gives discounts to counties that undertake activities to reduce their flooding risk.

FLOODPLAIN MANAGEMENT PLAN

For more information about the County's Floodplain Management Plan, go to www.hillsboroughcounty.org/FloodMaps.

If you would like to provide input on better ways for the County to assist you with flood protection, a comment form also is available on the website listed above. We appreciate your help and your comments.



Activity 360
Outreach to Others

[Home](#) > [County Meetings and Events](#)

Search Results for *Floodplain Management* from 10/1/2014 to 9/30/2015

◀ [Return to Previous](#)

Other Boards, Councils & Committees

Local Mitigation Strategy Working Group Meeting

October 8, 10:00 AM @ County Center

The purpose of this meeting relates to the 2015 update of the Local Mitigation Strategy and related Floodplain Management Community Rating System (CRS) program as well as other LMS Working Group business.

[More Details](#)

Hazards and Flood Plan Update Public Meeting

October 8, 6:30 PM - 8:30 PM @ 11717 Clay Pit Road

ACTIVITY 360P

Hillsborough County residents and business owners, including those in Tampa, Temple Terrace and Plant City, are invited to participate in developing the community's risk mitigation strategy by providing feedback on the update to Hillsborough County's Local Mitigation Strategy and Floodplain Management Plan (LMS). The LMS is the "all hazards" guide developed to provide residents and businesses with information about the risks they could possibly face while living in Hillsborough County, such as floods, wildfires, tornadoes, thunderstorms and hurricanes. The guide also outlines mitigation techniques to help lessen those risks. The meetings will have an open house format. Questions and suggestions are welcomed. Hillsborough County staff will be at the meetings to present updates to the management plan, provide information about what local government is doing to mitigate hazards, and explain how residents may take action to protect their family, businesses, and property.

[More Details](#)

Health Care Advisory Board Management Subcommittee Meeting ***CANCELED***

October 9, 3:00 PM - 5:00 PM @ County Center

Please note that there will be a consolidation of both meetings resulting in a "Joint HCAB and HCAB Management Subcommittee Meeting on Thursday, October 16, 2014.

[More Details](#)

Hazards and Flood Plan Update Public Meeting

October 9, 6:30 PM - 8:30 PM @ 302 McLendon Street

ACTIVITY 360P

Hillsborough County residents and business owners, including those in Tampa, Temple Terrace and Plant City, are invited to participate in developing the community's risk mitigation strategy by providing feedback on the update to Hillsborough County's Local Mitigation Strategy and Floodplain Management Plan (LMS). The LMS is the "all hazards" guide developed to provide residents and businesses with information about the risks they could possibly face while living in Hillsborough County, such as floods, wildfires, tornadoes, thunderstorms and hurricanes. The guide also outlines mitigation techniques to help lessen those risks. The meetings will have an open house format. Questions and suggestions are welcomed. Hillsborough County staff will be at the meetings to present updates to the management plan, provide information about what local government is doing to mitigate hazards, and explain how residents may take action to protect their family, businesses, and property.

[More Details](#)

Hazards and Flood Plan Update Public Meeting

October 13, 6:30 PM - 8:30 PM @ 1906 Bloomingdale Ave.

Hillsborough County residents and business owners, including those in Tampa, Temple Terrace and Plant City, are invited to participate in developing the community's risk mitigation strategy by providing feedback

on the update to Hillsborough County's Local Mitigation Strategy and Floodplain Management Plan (LMS). The LMS is the "all hazards" guide developed to provide residents and businesses with information about the risks they could possibly face while living in Hillsborough County, such as floods, wildfires, tornadoes, thunderstorms and hurricanes. The guide also outlines mitigation techniques to help lessen those risks. The meetings will have an open house format. Questions and suggestions are welcomed. Hillsborough County staff will be at the meetings to present updates to the management plan, provide information about what local government is doing to mitigate hazards, and explain how residents may take action to protect their family, businesses, and property.

[More Details](#)

Hazards and Flood Plan Update Public Meeting

October 15, 6:30 PM - 8:30 PM @ 11211 Countryway Blvd.

Hillsborough County residents and business owners, including those in Tampa, Temple Terrace and Plant City, are invited to participate in developing the community's risk mitigation strategy by providing feedback on the update to Hillsborough County's Local Mitigation Strategy and Floodplain Management Plan (LMS). The LMS is the "all hazards" guide developed to provide residents and businesses with information about the risks they could possibly face while living in Hillsborough County, such as floods, wildfires, tornadoes, thunderstorms and hurricanes. The guide also outlines mitigation techniques to help lessen those risks. The meetings will have an open house format. Questions and suggestions are welcomed. Hillsborough County staff will be at the meetings to present updates to the management plan, provide information about what local government is doing to mitigate hazards, and explain how residents may take action to protect their family, businesses, and property. *Bilingual staff

[More Details](#)

Health Care Advisory Board and HCAB Management Subcommittee Consolidated Meeting

October 16, 3:00 PM - 5:00 PM @ County Center

[More Details](#)

Hazards and Flood Plan Update Public Meeting

October 16, 6:30 PM - 8:30 PM @ 3910 South Manhattan Avenue

Hillsborough County residents and business owners, including those in Tampa, Temple Terrace and Plant City, are invited to participate in developing the community's risk mitigation strategy by providing feedback on the update to Hillsborough County's Local Mitigation Strategy and Floodplain Management Plan (LMS). The LMS is the "all hazards" guide developed to provide residents and businesses with information about the risks they could possibly face while living in Hillsborough County, such as floods, wildfires, tornadoes, thunderstorms and hurricanes. The guide also outlines mitigation techniques to help lessen those risks. The meetings will have an open house format. Questions and suggestions are welcomed. Hillsborough County staff will be at the meetings to present updates to the management plan, provide information about what local government is doing to mitigate hazards, and explain how residents may take action to protect their family, businesses, and property.

[More Details](#)

Hazards and Flood Plan Update Public Meeting

October 20, 6:30 PM - 8:30 PM @ 14013 N 22nd Street

Hillsborough County residents and business owners, including those in Tampa, Temple Terrace and Plant City, are invited to participate in developing the community's risk mitigation strategy by providing feedback on the update to Hillsborough County's Local Mitigation Strategy and Floodplain Management Plan (LMS). The LMS is the "all hazards" guide developed to provide residents and businesses with information about the risks they could possibly face while living in Hillsborough County, such as floods, wildfires, tornadoes, thunderstorms and hurricanes. The guide also outlines mitigation techniques to help lessen those risks. The meetings will have an open house format. Questions and suggestions are welcomed. Hillsborough County staff will be at the meetings to present updates to the management plan, provide information about what local government is doing to mitigate hazards, and explain how residents may take action to protect their family, businesses, and property.

[More Details](#)

CLSS

Antv 14 3104

Hazards and Flood Plan Update Public Meeting

October 22, 6:30 PM - 8:30 PM @ 410 30th Street SE

Hillsborough County residents and business owners, including those in Tampa, Temple Terrace and Plant City, are invited to participate in developing the community's risk mitigation strategy by providing feedback on the update to Hillsborough County's Local Mitigation Strategy and Floodplain Management Plan (LMS). The LMS is the "all hazards" guide developed to provide residents and businesses with information about the risks they could possibly face while living in Hillsborough County, such as floods, wildfires, tornadoes, thunderstorms and hurricanes. The guide also outlines mitigation techniques to help lessen those risks. The meetings will have an open house format. Questions and suggestions are welcomed. Hillsborough County staff will be at the meetings to present updates to the management plan, provide information about what local government is doing to mitigate hazards, and explain how residents may take action to protect their family, businesses, and property. *Bilingual staff

[More Details](#)**Hazards and Flood Plan Update Public Meeting**

October 28, 6:30 PM - 8:30 PM @ 10901 North 56th Street

Hillsborough County residents and business owners, including those in Tampa, Temple Terrace and Plant City, are invited to participate in developing the community's risk mitigation strategy by providing feedback on the update to Hillsborough County's Local Mitigation Strategy and Floodplain Management Plan (LMS). The LMS is the "all hazards" guide developed to provide residents and businesses with information about the risks they could possibly face while living in Hillsborough County, such as floods, wildfires, tornadoes, thunderstorms and hurricanes. The guide also outlines mitigation techniques to help lessen those risks. The meetings will have an open house format. Questions and suggestions are welcomed. Hillsborough County staff will be at the meetings to present updates to the management plan, provide information about what local government is doing to mitigate hazards, and explain how residents may take action to protect their family, businesses, and property.

[More Details](#)**Health Care Advisory Board Management Subcommittee Meeting**

November 13, 3:00 PM - 5:00 PM @ County Center

[More Details](#)**Health Care Advisory Board Management Sub-Committee Meeting**

December 11, 3:00 PM - 5:00 PM @ 26th Floor of the County Center, in Conference Room B

[More Details](#)**Health Care Advisory Board (HCAB) Management Sub-Committee**

January 8, 3:00 PM - 5:00 PM @ 26th floor, conference room B, County Center

[More Details](#)**Planning Commission Budget Committee Meeting**

February 9, 1:00 PM @ 18th Floor, Planning Commission, County Center

The Hillsborough County City-County Planning Commission is an independent consolidated planning agency, lead by appointed citizens, which serves all the citizens of Hillsborough County by providing a vision for improving the quality of life. The Planning Commission and its staff serve as agents within the community to promote and coordinate the involvement of all people in comprehensive long-range planning, growth management, transportation, and environmental protection. The Planning Commission makes recommendations to the Board of County Commissioners, Tampa City Council, Plant City Commission, and Temple Terrace City Council regarding land use, community planning, capital improvements, urban design, and other comprehensive issues.

[More Details](#)**Planning Commission Regular Meeting**

February 9, 2:00 PM - 5:00 PM @ 18th Floor, Planning Commission, County Center

3604

CRS

Hillsborough County residents are encouraged to safely dispose of household hazardous waste by taking them to our collection events for proper disposal. Household paint and electronics are also accepted at any of our Community Collection Centers six days a week (Monday to Saturday). For more information, call the Solid Waste Customer Service Center (813) 272-5680 or the Household Hazardous Waste Information Line at (813) 964-2769.

[More Details](#)

Household Hazardous Waste Collection - South County

November 8, 8:00 AM - 2:00 PM @ South County Collection Center

Hillsborough County residents are encouraged to safely dispose of household hazardous waste by taking them to our collection events for proper disposal. Household paint and electronics are also accepted at any of our Community Collection Centers six days a week (Monday to Saturday). For more information, call the Solid Waste Customer Service Center (813) 272-5680 or the Household Hazardous Waste Information Line at (813) 964-2769.

[More Details](#)

Community Action Board Meeting

November 12, 5:00 PM - 7:00 PM @ West Tampa Resource Center

This Board provides recommendations for the development, planning, implementation, and evaluation of the Community Services Block Grant funds and programs that serves the low-income residents/communities of Hillsborough County.

[More Details](#)

Code Enforcement Special Magistrate Hearing for Community Codes

November 14, 9:00 AM @ County Center

The Special Magistrate is authorized to hear violations concerning all codes and ordinances of Hillsborough County in order to maintain health and safety standards. Any person who decides to appeal the decision of the Code Enforcement Special Magistrate with respect to any matter considered at this meeting will need a record of the proceedings, and for such purposes, may need to ensure that a verbatim record of the proceedings is made, which includes the testimony and evidence upon which the appeal is based. An appeal must be filed within thirty (30) days after the execution of the Code Enforcement Special Magistrate's Order.

[More Details](#)

Household Hazardous Waste Collection - East County

November 15, 8:00 AM - 2:00 PM @ East County Collection Center

Hillsborough County residents are encouraged to safely dispose of household hazardous waste by taking them to our collection events for proper disposal. *This is also a Money 4 Mercury event collection event. Household paint and electronics are also accepted at any of our Community Collection Centers six days a week (Monday to Saturday). For more information, call the Solid Waste Customer Service Center (813) 272-5680 or the Household Hazardous Waste Information Line at (813) 964-2769.

[More Details](#)

Little Manatee Plan - Community Meeting

November 20, 6:30 PM - 8:30 PM @ SouthShore Community Resource Center

[More Details](#)

Juvenile Justice Board Meeting

November 21, 10:00 AM @ County Center, Conference Room B

This Board fosters collaboration among citizens, neighborhoods and community partners to eliminate juvenile delinquency in Hillsborough County. For more information, contact Tina Levene, Juvenile Justice Board, at 813-740-7868. Prensa: Para información, llamar al 272-5314.

[More Details](#)

ACTIVITY 304

Public Utilities Fall Career Exploration

November 6, 6:00 PM - 8:00 PM @ City of St. Petersburg Water Resources

Join Hillsborough County Public Utilities, the City of St. Petersburg Water Resources, and other local utilities for an open house to explore career opportunities within the field of Public Utilities. Meet with representatives of Tampa Bay area Public Works divisions, local utilities, water career educators and water professional organization to: *Learn more about career opportunities in Public Utilities *Network with utilities professionals *Participate in a Q & A panel More information about Water Careers with Hillsborough County are available at <http://www.hillsboroughcounty.org/index.aspx?NID=3655>

[More Details](#)

Local Mitigation Strategy Working Group Meeting

November 12, 1:30 PM - 3:30 PM @ County Center

The purpose of this meeting is to discuss the update to the Local Mitigation Strategy.

[More Details](#)

Local Mitigation Strategy Working Group

December 10, 10:00 AM - 12:00 PM @ County Center- 22nd Floor, Room 2202E

Meeting to discuss update of Local Mitigation Strategy. Includes election of Chair and Vice-Chair.

[More Details](#)

Citizen Corps Council Board and Council

December 10, 1:30 PM - 2:00 PM @ Emergency Operations Center, Media Room

The Citizen Corps Council Board meeting will last for a half hour, with a membership meeting immediately following. Meeting open to general public. Citizen Corps is FEMA's grassroots strategy to bring together government and community leaders to involve citizens in all-hazards emergency preparedness and resilience. Hillsborough County's Citizen Corps Council seeks residents to support its local disaster emergency responders by volunteering and training with their partner and affiliate organizations.

[More Details](#)

Hillsborough County Emergency Operations Group Meeting

December 18, 10:00 AM - 12:00 PM @ Hillsborough County Emergency Operations Center

The Hillsborough County Emergency Operations Group also serve as the Steering Committee to the Local Mitigation Strategy Work Group.

[More Details](#)

Child Care Facility Advisory Board Meeting

January 8, 1:30 PM - 3:00 PM @ Child Care Licensing

Child Care Facility Advisory Board is responsible for advising the local licensing agency on all matters pertaining to child care facilities.

[More Details](#)

Family Child Care Home Advisory Board

January 15, 7:00 PM - 9:00 PM @

Hillsborough County's Family Child Care Home Advisory Board is responsible for advising the Local Licensing Agency on all matters pertaining to licensed Family Child Care Homes.

[More Details](#)

Citizen Corps Council Board and Membership to Meet

January 28, 1:30 PM @ 2711 East Hanna Avenue

This is a meeting for both the Board and the Membership of the Citizen Corps Council.

[More Details](#)

ACTIVITY 3600/CRS

the risks they could possibly face while living in Hillsborough County, such as floods, wildfires, tornadoes, thunderstorms and hurricanes. The guide also outlines mitigation techniques to help lessen those risks. The meetings will have an open house format. Questions and suggestions are welcomed. Hillsborough County staff will be at the meetings to present updates to the management plan, provide information about what local government is doing to mitigate hazards, and explain how residents may take action to protect their family, businesses, and property.

[More Details](#)

Hazards and Flood Plan Update Public Meeting

October 20, 6:30 PM - 8:30 PM @ 14013 N 22nd Street

Hillsborough County residents and business owners, including those in Tampa, Temple Terrace and Plant City, are invited to participate in developing the community's risk mitigation strategy by providing feedback on the update to Hillsborough County's Local Mitigation Strategy and Floodplain Management Plan (LMS). The LMS is the "all hazards" guide developed to provide residents and businesses with information about the risks they could possibly face while living in Hillsborough County, such as floods, wildfires, tornadoes, thunderstorms and hurricanes. The guide also outlines mitigation techniques to help lessen those risks. The meetings will have an open house format. Questions and suggestions are welcomed. Hillsborough County staff will be at the meetings to present updates to the management plan, provide information about what local government is doing to mitigate hazards, and explain how residents may take action to protect their family, businesses, and property.

[More Details](#)

Hazards and Flood Plan Update Public Meeting

October 22, 6:30 PM - 8:30 PM @ 410 30th Street SE

Hillsborough County residents and business owners, including those in Tampa, Temple Terrace and Plant City; are invited to participate in developing the community's risk mitigation strategy by providing feedback on the update to Hillsborough County's Local Mitigation Strategy and Floodplain Management Plan (LMS). The LMS is the "all hazards" guide developed to provide residents and businesses with information about the risks they could possibly face while living in Hillsborough County, such as floods, wildfires, tornadoes, thunderstorms and hurricanes. The guide also outlines mitigation techniques to help lessen those risks. The meetings will have an open house format. Questions and suggestions are welcomed. Hillsborough County staff will be at the meetings to present updates to the management plan, provide information about what local government is doing to mitigate hazards, and explain how residents may take action to protect their family, businesses, and property. *Bilingual staff

[More Details](#)

Hazards and Flood Plan Update Public Meeting

October 28, 6:30 PM - 8:30 PM @ 10901 North 56th Street

Hillsborough County residents and business owners, including those in Tampa, Temple Terrace and Plant City, are invited to participate in developing the community's risk mitigation strategy by providing feedback on the update to Hillsborough County's Local Mitigation Strategy and Floodplain Management Plan (LMS). The LMS is the "all hazards" guide developed to provide residents and businesses with information about the risks they could possibly face while living in Hillsborough County, such as floods, wildfires, tornadoes, thunderstorms and hurricanes. The guide also outlines mitigation techniques to help lessen those risks. The meetings will have an open house format. Questions and suggestions are welcomed. Hillsborough County staff will be at the meetings to present updates to the management plan, provide information about what local government is doing to mitigate hazards, and explain how residents may take action to protect their family, businesses, and property.

[More Details](#)

Hillsborough County Wildfire Protection Plan Update

November 5, 1:00 PM - 3:00 PM @ County Center

This meeting will involve members from the Hillsborough County Hazard Mitigation section and Hillsborough County Fire Rescue, as well as others, to update the Hillsborough County Wildfire Protection Plan.

[More Details](#)

ACTIVITY 3 Oct

Emergency Operations Group Meeting

September 24, 10:00 AM - 12:00 PM @ Hillsborough County Emergency Operations Center

The Hillsborough County Emergency Operations Group, which also serves as the Steering Committee to the Local Mitigation Strategy Work Group, will hold a meeting. For more information, please contact Michael Ryan, Manager of Emergency Planning, at the phone number or email address provided here.

[More Details](#)

Veterans Council Meeting

September 28, 6:00 PM - 8:00 PM @ Brandon Regional Service Center

The objective of the Veterans Council of Hillsborough County, Inc. is to serve as a local affiliate of military Veterans organizations, to act as liaison between County Government and Veterans Organizations on actions affecting Veterans and Veterans benefits, as they affect Veterans and their families in Hillsborough County, Florida, and to uphold the ideals, principles and traditions of our Armed Forces.

[More Details](#)

Public Meetings & Events

Hillsborough County Access To Capital Summit

January 15, 8:30 AM - 3:00 PM @ Sheraton Tampa East

The one-day event will bring together entrepreneurs, senior executives, and investors to discuss strategies for expanding access to capital for local businesses. In addition to educational sessions and networking segments, the event will also include a live viewing of the final round of the Hillsborough Business Pitch Competition. The goal of the pitch competition is to get investors excited about funding a viable business plan. The competition is produced and administered by the New World Angels, a group of private investors dedicated to providing equity capital to early-stage companies in Florida.

[More Details](#)

Hillsborough County Local Mitigation Strategy Working Group

March 24, 10:00 AM - 12:00 PM @ County Center

Meeting to discuss the 2015 update to the Hillsborough County Local Mitigation Strategy (LMS) and other business associated with the Hillsborough County Local Mitigation Strategy Working Group.

[More Details](#)

ACTIVITY 3 Oct / LMS

Local Mitigation Strategy and Floodplain Management Plan Outreach Meeting

June 3, 6:30 PM - 8:30 PM @ Gardenville Recreation Center

Hillsborough County residents and business owners, including those in Tampa, Temple Terrace and Plant City, are invited to participate in developing the community's risk mitigation strategy by providing feedback on the 2015 update to Hillsborough County's Local Mitigation Strategy and Floodplain Management Plan (LMS). The LMS is the "all hazards" guide developed to provide residents and businesses with information about the risks they could possibly face while living in Hillsborough County, such as floods, wildfires, tornadoes, thunderstorms and hurricanes. The guide also outlines mitigation techniques to help lessen those risks.

[More Details](#)

Local Mitigation Strategy and Floodplain Management Plan Outreach Meeting

June 16, 6:30 PM - 8:30 PM @ Jimmie B Keel Regional Library

Hillsborough County residents and business owners, including those in Tampa, Temple Terrace and Plant City, are invited to participate in developing the community's risk mitigation strategy by providing feedback on the 2015 update to Hillsborough County's Local Mitigation Strategy and Floodplain Management Plan (LMS). The LMS is the "all hazards" guide developed to provide residents and businesses with information about the risks they could possibly face while living in Hillsborough County, such as floods, wildfires,

Metropolitan Planning Organization

February 3, 9:00 AM @ 2nd floor boardroom, County Center

The Hillsborough County Metropolitan Planning Organization (MPO) is a transportation policy-making board comprised of representatives from local governments and transportation agencies.

[More Details](#)

Veterans Council

February 23, 6:00 PM @ Brandon Regional Service Center

The objective of the Veterans Council of Hillsborough County, Inc. is to serve as a local affiliate of military veterans organizations, to act as liaison between County Government and Veterans Organizations on actions affecting veterans and veterans benefits, as they affect veterans and their families in Hillsborough County, Florida, and to uphold the ideals, principles and traditions of our Armed Forces.

[More Details](#)

Safe & Sound Hillsborough County Meeting

February 24, 1:00 PM @ 24th Floor, Meeting Room 2416, County Center

The Hillsborough County Community Violence Prevention Collaborative, now known as Safe & Sound Hillsborough County, was created in the summer of 2013 as an initiative to transform the way local policy makers address violence. This initiative shifts policy from a public safety to a public health model and aligns community and professional stakeholders to develop a comprehensive prevention and intervention approach.

[More Details](#)

Metropolitan Planning Organization

March 3, 9:00 AM @ 2nd floor boardroom, County Center

The Hillsborough County Metropolitan Planning Organization (MPO) is a transportation policy-making board comprised of representatives from local governments and transportation agencies.

[More Details](#)

Emergency Operations Group Meeting

March 12, 10:00 AM - 12:00 PM @ Hillsborough County Emergency Operations Center

The Hillsborough County Emergency Operations Group, which also serves as the Steering Committee to the Local Mitigation Strategy Work Group, will hold a meeting. For more information, please contact Michael Ryan, Manager of Emergency Planning, at the phone number or email address provided here.

[More Details](#)

Safe & Sound Hillsborough County Meeting

March 17, 1:00 PM @ 24th Floor, Meeting Room 2416, County Center

The Hillsborough County Community Violence Prevention Collaborative, now known as Safe & Sound Hillsborough County, was created in the summer of 2013 as an initiative to transform the way local policy makers address violence. This initiative shifts policy from a public safety to a public health model and aligns community and professional stakeholders to develop a comprehensive prevention and intervention approach.

[More Details](#)

Citizen Corps Council Board and Membership to Meet

March 25, 1:30 PM - 4:00 PM @ Emergency Operations Center, Media Room

The Citizen Corps Council Board meeting will last for a half hour, with a membership meeting immediately following. Meetings are open to general public. Citizen Corps is FEMA's grassroots strategy to bring together government and community leaders to involve citizens in all-hazards emergency preparedness and resilience. Hillsborough County's Citizen Corps Council seeks residents to support its local disaster emergency responders by volunteering and training with their partner and affiliate organizations. For more

Activity 3600

This is a contract negotiation session (Pursuant to Florida Statute 286) between Hillsborough County and the American Federation of State, County and Municipal Employees Union – Local 167. For more information, call Ivey Martin, Employee & Labor Relations Manager, Human Resources Department.

[More Details](#)

Hillsborough County Council on Aging - Transportation Subcommittee Meeting

June 15, 10:00 AM - 11:00 AM @ County Center - 16th Floor Conference Room (HCAGCR16)

Hillsborough County Council on Aging Transportation Subcommittee Meeting to discuss strategy for supporting transportation options for seniors.

[More Details](#)

Contract Negotiations with IAFF Union (Paramedics & Dispatchers Unit)

June 17, 1:00 PM @ IAFF Union Hall

This is a contract negotiation session (Pursuant to Florida Statute 286) between Hillsborough County and the International Association of Firefighters (IAFF) Local 2294 – Paramedics and Dispatchers Unit. For more information, contact Ivey Martin, Employee & Labor Relations Manager, Human Resources Department.

[More Details](#)

Safe & Sound Hillsborough County Meeting

June 18, 1:00 PM @ 24th Floor, Meeting Room 2416, County Center

The Hillsborough County Community Violence Prevention Collaborative, now known as Safe & Sound Hillsborough County, was created in the summer of 2013 as an initiative to transform the way local policy makers address violence. This initiative shifts policy from a public safety to a public health model and aligns community and professional stakeholders to develop a comprehensive prevention and intervention approach.

[More Details](#)

Emergency Operations Group Meeting

June 25, 10:00 AM - 12:00 PM @ Hillsborough County Emergency Operations Center

The Hillsborough County Emergency Operations Group, which also serves as the Steering Committee to the Local Mitigation Strategy Work Group, will hold a meeting. For more information, please contact Michael Ryan, Manager of Emergency Planning, at the phone number or email address provided here.

[More Details](#)

Veterans Council of Hillsborough County, Inc. Meeting

June 29, 6:00 PM - 8:00 PM @ Brandon Regional Service Center

The objective of the Veterans Council of Hillsborough County, Inc. is to serve as a local affiliate of military veterans organizations, to act as liaison between County Government and Veterans Organizations on actions affecting veterans and veterans benefits, as they affect veterans and their families in Hillsborough County, Florida, and to uphold the ideals, principles and traditions of our Armed Forces.

[More Details](#)

Child Care Facilities Advisory Board

July 9, 1:30 PM - 3:00 PM @ Child Care Licensing, Building 50

The Child Care Facilities Advisory Board is responsible for advising the Local Licensing Agency on all matters pertaining to Child Care Facilities.

[More Details](#)

Contract Negotiations With AFSCME Union

July 13, 10:30 AM @ Hillsborough County Medical Examiner's Office

This is a contract negotiation session (Pursuant to Florida Statute 286) between Hillsborough County and the American Federation of State, County and Municipal Employees Union – Local 167.

[More Details](#)

Family Child Care Home Advisory Board

July 16, 7:00 PM - 9:00 PM @ Child Care Licensing

Hillsborough County's Family Child Care Home Advisory Board is responsible for advising the Local Licensing Agency on all matters pertaining to licensed Family Child Care Homes.

[More Details](#)

Citizen Corps Council Board Meeting

July 29, 1:30 PM - 4:00 PM @ Emergency Operations Center Media Room

Citizen Corps is FEMA's grassroots strategy to bring together government and community leaders to involve citizens in all-hazards emergency preparedness and resilience. Hillsborough County's Citizen Corps Council seeks residents to support its local disaster emergency responders by volunteering and training with their partner and affiliate organizations.

[More Details](#)

Contract Negotiations with IAFF Union (Paramedics & Dispatchers Unit)

August 4, 1:00 PM @ IAFF Union Hall

This is a contract negotiation session (Pursuant to Florida Statute 286) between Hillsborough County and the International Association of Firefighters (IAFF) Local 2294 – Paramedics and Dispatchers Unit. For more information, contact Ivey Martin, Employee & Labor Relations Manager, Human Resources Department.

[More Details](#)

Hillsborough Greenways Citizen Advisory Committee

August 18, 6:15 PM - 7:45 PM @ Atlas Aviation, Peter O'Knight Airport, Davis Island

The Hillsborough Greenway Committee includes local citizens, representatives of local governments and utility company representatives. The parks department administers the program and provides technical and administrative support to the committee. The Committee addresses issues relating to the implementation of the Greenway master plan and responsible for the for the prioritization of trail projects.

[More Details](#)

Hillsborough Greenways Citizen Advisory Committee

August 18, 6:15 PM - 7:45 PM @ Atlas Aviation, Peter O'Knight Airport, Davis Island

The Hillsborough Greenway Committee includes local citizens, representatives of local governments and utility company representatives. The parks department administers the program and provides technical and administrative support to the committee. The Committee addresses issues relating to the implementation of the Greenway master plan and responsible for the for the prioritization of trail projects.

[More Details](#)

Safe & Sound Hillsborough County Meeting

August 25, 1:00 PM @ 26th Floor Conference Room B, County Center

The Hillsborough County Community Violence Prevention Collaborative, now known as Safe & Sound Hillsborough County, was created in the summer of 2013 as an initiative to transform the way local policy makers address violence. This initiative shifts policy from a public safety to a public health model and aligns community and professional stakeholders to develop a comprehensive prevention and intervention approach.

[More Details](#)

Contract Negotiations With AFSCME Union - CANCELLED

August 27, 10:30 AM @ Hillsborough County Medical Examiner's Office

This is a contract negotiation session (Pursuant to Florida Statute 286) between Hillsborough County and the American Federation of State, County and Municipal Employees Union – Local 167.

Adt 3:45p

Priority 364

Event	Address	Requested By	Contact Number	Date Requested	Days per Week	Time	Assigned	Request	Misc. Notes	Enter by	Total Addresses
Kappa Kappa KPI VET Center	3310 East Lake Ave Tampa FL 33610	Carole Brown	813-274-6666	01/19/2015	01/19/2015	10am-2pm	ES	Emergency Preparedness 2 weather radios and disaster kit to be given away		CM	125
Family Safety Fest	14920 Balm Wynn Rd, Winsumma, FL 33558	Jennifer Dugay	813-634-7138	01/14/2015	02/12/2015	10am-2pm	CM	Emergency Preparedness		CM	200
Pert Tampa Bay Safety Summit	Port Tampa Bay Cruise Terminal 3	Tr Nelson	813-228-1591	02/02/2015	02/19/2015	10am-2pm	JM	Emergency Preparedness		CM	100
TECO Safety, Health, & Emergency Preparedness Fair	702 North Franklin Street Tampa, FL 33602	Michelle Baird	813-275-3484	02/02/2015	02/19/2015	8 am-2 pm	TW	Hurricane Preparedness		CM	25
Topic 7 Storm safety awareness.	TECO - 2405 E. Sligh Ave, Tampa, FL	Rocio Lopez	(813) 242-5433 ext. 4	03/11/2015	03/12/2015	4:15 p.m.	ES	Hurricane Preparedness		CM	20
The Spirit of Tampa Bay (Domestic Violence Event)	P.O. Box 5147 Tampa, FL	Kacey Carl	813-882-7632	03-19-2015	03/19/2015	11am-2pm	JM	Hurricane Preparedness		CM	20
Port Outreach	Florida Blue 4330 West Cypress St, Suite 4001	Tom Agnifod	813-968-8366	04/13/2015	04/18/2015	10-2pm	SP	Hurricane Preparedness		CM	200
Humanities and Healthcare	Florida Blue 4330 West Cypress St, Suite 4001	Michelle Baird	813-275-3484	04/13/2015	04/18/2015	10-2pm	SP	Hurricane Preparedness		CM	200
Texas of Kentucky	Kendall Park 1728 Gunn Highway	Michelle Sloan	272-5940	04/14/2015	05/05/2015	7am-2:30 pm	TW	Hurricane Preparedness		CM	250
Neighborhood Conference & Recognition Awards	Shoreline Tampa East 1021 Princess Palm Ave	Maed Ryan	813-272-8889	05/19/2015	06/08/2015	10am-2pm	ES	Hurricane Preparedness		CM	200-300
Pal Encuentros	441 N. Falkenburg Rd, Tampa	Ches Espartero	813-272-5166	05/27/2015	06/02/2015	1:30pm-4:15pm	JM and MR	Hurricane Preparedness		ES	1000
Brain Health	115 Oak Field Drive Brandon FL 33611	Shari Sims	813-272-5166	06/22/2015	07/14/2015	11am-1pm	ES	Hurricane Preparedness		ES	1000
New York Life	327 E. Cypress Street Tampa 33607	Shari Sims	813-272-5166	06/22/2015	07/14/2015	11am-1pm	ES	Hurricane Preparedness		ES	1000
Neighborhood Conference - Health Group	All People's Life Center 6105 E Sligh Ave, Tampa, FL 33617	Shari Sims	813-272-5166	06/22/2015	07/14/2015	11am-1pm	ES	Hurricane Preparedness		ES	24
YES Fair	813-308-9628	Becki Fogall	813-308-9628	06/16/2015	10/03/2015	1100	SP	Hurricane Preparedness with special needs info - take 1 weather radio and disaster kit as donations		ES	500
Sun City Center Travel Club	813-442-9556/648	Carla Ruffalo	813-442-9556/648	06/22/2015	07/14/2015	10:00 - 12:00pm	ES	ECG Tour and Presentation		ES	81
Madoff AFB - NJTA	229-471-3840/4046	Dave White	229-471-3840/4046	06/02/2015	07/02/2015	12:30pm - 1:00pm	PO/ES/AF	ECG Tour and Presentation		ES	81
MCSI - Disabilities Awareness Expo	4801 E Fowler Ave	Dr. David Owe	(813) 974-8616 60	07/02/2015	07/18/2015	9:30am - 2:00 pm	ES	Hurricane Preparedness/Special Needs		ES	500
Self-Reliance, Inc Health and Wellness Fair	University Area Community Development Cen	Shari Wilson	813-275-8665 x1944	07/02/2015	09/18/2015	11:00am - 3:00pm	TW	Hurricane Preparedness/Special Needs		ES	1000
Diversity Alligton Council	County Center	Mercia Minello	813-465-2755/7100	07/02/2015	07/02/2015	6:30-8:30pm	?	Mercia will call me back		ES	1000
Family Care Council	?	Mercia Minello	813-465-2755/7100	07/02/2015	?	?	?	Mercia will call me back		ES	1000
Good Samaritan Mission Back to School Event	14220 Balm Wynn Rd	Rebecca Reynal	813-554-7138	07/02/2015	08/15/2015	10:00am - 2:00pm	JM	Hurricane Preparedness		ES	500 kids
The Spirit of Tampa Bay (Domestic Violence Event)	P.O. Box 5147 Tampa, FL	Rocio Lopez	(813) 242-5433 ext. 4	08/05/2015	08/20/2015	14:45 p.m.	ES	Hurricane Preparedness		ES	30
Rasmussen College	4046 Park Oaks Blvd Suite 100	Maisha Luvorn	813-246-7614	08/04/2015	08/18/2015	9:00 a.m.	TW	Hurricane Preparedness		CM	20

Engage your community - connect to news, events and information you care about. [View more information...](#)

[Sign In](#)



[Services](#) [Departments](#) [Residents](#) [Business](#) [Government](#) [How](#)

Amity 3/6/08

[Home](#) > [Departments](#) > [I-Z Departments](#) > [Public Works](#) > [Natural Hazards](#) > [Floodplain Management](#)

Flood Maps / Floodplain Management

Floodplain-Related Construction Information

Eastern Delaney Creek Flood Map Update

Flood Map Viewers

Flood Insurance Information

National Flood Insurance Program Reform Act

Flood Maps/Floodplain Glossary of Terms

Flood Maps Comments / Appeals

Vertical Datum

NOAA Sea Level Increase Assessments

Sea Level Scenarios Sketch Planning Tool

Overview

In August 2008, new flood hazard maps became effective for Hill Insurance Rate Maps or FIRMs). The new maps were the result of Federal Emergency Management Agency (FEMA), in cooperation with Plant City and various community partners. These updated maps are intended to make better financial decisions about protecting themselves and their property. Community officials, engineers, builders and others to make informed decisions about new structures and developments should be built. As a result, Hillsborough County residents will live.

After reviewing the maps, if you feel the flood map boundaries do not apply for a Letter of Map Amendment. A Letter of Map Amendment identifies that there should be no flood insurance requirement placed on the property because the primary structure and all attached areas (screen enclosed) are in a low risk area. Elevation certificates or other documents may be used to show that the lowest adjacent grade are above the flood elevation or that the flood boundary is not the horizontal boundary of the high-risk area. To learn more about the process, contact the Map Assistance Center at 877-336-2627 or visit the [FEMA website](#).

Eastern Delaney Creek Area Flood Map Update

Hillsborough County recently completed a study of the flood risks in the Eastern Delaney Creek Area. Updated preliminary flood hazard maps for the area are scheduled to become effective in September 2008.

[More Information on the Eastern Delaney Creek Area Flood Map Update](#)

Contact Us

For more information on the county's flood maps, call the Hazardous Materials Division at 813-273-3333 or [submit an online comment](#).

Additional Information

- [Community Rating System and Outreach](#)
- [Construction Information](#)

Hillsborough County

Community Rating System Annual Certification

Activity 360
Flood Protection Assistance

MAINTSTAR

Request

WReq #	WR00021219	Created	8/19/2015
---------------	-------------------	----------------	-----------

Dispatcher	James Smith (SSU)	WR Status	Processed
Phone 1	813-455-4130	Priority	
Promised			

Customer information

Customer		Location	
First Name	Eddie	Last Name	
Phone 2		Email	
Street Number		City	
Street		State	FL
Cross Street		Zip Code	

Locat. Description	
Complaint	8043 Fawnridge Cir / Wood Branch Dr. reports of a depression at the sidewalk that runs over the storm drain, it is falling in and on the other side of the sidewalk is a hole forming. apx 3 ft long x 3 ft wide. relayed info to T. Smith
Comments	Jet Vac, TV, and fill needed at SW/curb inlet. Secured at time of inspection with lathes and ribbon. 8/26/15 PL Left a detailed message on the citizen's phone recorder 8/26/15

Complaint Address

Street Number	8043	City	TAMPA
Street	FAWNBRIDGE CIR	State	FL
Cross Street	WOOD BRANCH DR	Zip Code	

Notes	8/18/15 - assigned to Penny for review and response. (T.Smith)
--------------	--

Maintstar WO	Stormwater	Issued WO	ST00005168
Complaint Code	DRAINAGE & STORMWATER	WO Issued Date	8/26/2015
Inspection Type		Customer Type	
Inspection #		In House	False
Inspection Date	8/26/2015	Assigned To	4703 - PENNY LUMPKIN

Customer Signature: _____
8/27/2015

Inspector Signature: _____
8/27/2015

Date	Case Number	Registered	Complainant	Phone	Address	Phone	Complaint/Issue	Priority	Response	Resolution
08/18/2015	CE153703		Mr. Bouktab		8828 Bliss Rd, Gibsonton		neighbor adding fill to pond and causing flooding			
07/31/2015	N/A	Nanette Scott	Duane Jones	813-525-5338	16260 Gator Hole, Odessa	2568.0003	Neighbors to the north and south creating problems		08/10/2015	request compliance review from Bill Langford, drainage closed
08/18/2015	phone call	Nanette Scott		813-654-9310	2226 RIDGEMORE DR, VALRICO	85610.2568	Pond maintenance - Referred to Larry Webster		N/A	closed
08/14/2015	phone call	Duane Jones		813-986-0333	Tom Folsom Rd & Harney Rd		road ponding		N/A	Mickey Miller group - Closed
08/17/2015	phone call	Duane Jones		813-210-4721	8835 Alafia Cove Dr.		house being built next door fill eroding on her yard		N/A	Mickey Miller group - Closed
08/26/2015	phone call	Nanette Scott	Duane Jones	813-508-4862	4302 Southpark Dr, Tampa	18959.3024	Road dead ends in front of her place and there is standing water after rains.		none at this time	e-mail to HOA
08/27/2015	phone call	Nanette Scott		813-453-0193	10123 Keniacke Dr, Riverview ?	76373.5042 ?	drainage from new subdivision.			message with citizen & EOR
08/28/2015	phone call	Nanette Scott		813-787-9214	12017 Glenhill Dr., Riverview	77361.0730	flooding in back yard due to filling at 12019 Glenhill Dr.			
08/31/2015	phone call	Duane Jones		813-679-7659	Horse Pond Rd & Peterson Rd	2793.0000	Erosion problem, CE on site			e-mail to NR
09/01/2015	phone call	Duane Jones		727-410-0425	Taylor Rd		drainage issue we could not help with, listened and sympathized			closed
09/01/2015	phone call	Duane Jones		813-240-9252	Blackwell Ln		drainage issue we could not help with, listened and sympathized			closed
09/01/2015	phone call	Duane Jones			Harman Rd		drainage issue we could not help with, listened and sympathized			closed
09/01/2015	phone call	Duane Jones		321-663-5754			drainage issue we could not help with, listened and sympathized			closed
09/03/2015	phone call	Nanette Scott		813-252-3449	20014 Wellington Manor Blvd, Lutz	33048.6488	flooding in back yard			e-mailed grading plans
08/26/2015	phone call about WR19737	Nanette Scott		770-866-8028	13702 N Central Ave, Tampa	18200.0000	flooding of mother's residence during recent rains		none at this time	sent e-mail to Larry W
08/06/2015	public contact	Duane Jones		813-956-1289	11314 American Holly Drive		Pond in new subdivision staying full		08/07/2015	EOR working on correcting
06/23/2015	SR12893			786-484-6040	Dew Bloom Rd & Beverly Blvd, Brandon					
07/10/2015	SR15862	Rick Cabrera	Duane Jones	813-585-3095	2602 S. Kings Avenue, Brandon	73648.4334	Standing water on church site due to development to the west		08/10/2015	closed
07/24/2015	SR17708	Nanette Scott		813-260-6888	10152 Tom Folsom Rd		construction nearby, referred to Mickey Miller		none at this time	closed

Pat.	Case Number	Investigator	Field Investigator	Contact	Phone	Address	Photo	Complaint or Issue	Site Visit	Status
07/29/2015	SR17861	Nanette Scott	N/A	David Baxley	813-920-4243	19138 Tyler Road, Odessa	369.0050	Private Road flooding, use by county as a public road, see if we can help	none at this time	closed
07/27/2015	SR18169	Duane Jones	Duane Jones	Natalia Castillo	813-445-3872	1208 Casa Bonita Ave, Ruskin	56774.0908	House built in 2001, house has flooded since.	yes	PW solving gutter flow issue - close
07/29/2015	SR18304	Nanette Scott	Duane Jones	James Marsh	813-948-0792	1001 Ballinger Rd, Lutz	13565.2048	neighbor to the west is draining across his property	site visit by DJ	Notice of Violation sent
08/07/2015	SR18683	Duane Jones	Duane Jones	Ray Ploucher	813-637-8888	9229 Lazy Ln Carrollwood Business Park		Business park gets flooded		Land Alteration - NR
08/05/2015	SR19292 also SR23557	Nanette Scott	N/A	Carlos Cancio	813-965-1323	14739 Lake Magdalene Circle, Tampa		2 neighbors across the street created 1' high berm, causing drainage not to go to pond		NR - requested we call
08/06/2015	SR19358	Rick Cabrera	Duane Jones	Andre Poly	813-881-1016	4528 W Lambright St, Tampa		construction on neighbors property causing issues, will work out issue with neighbor	none at this time	closed
08/04/2015	SR19520	Nanette Scott	Duane Jones	Helen Gonzalez	813-879-3528	2911 W Burk Street, Tampa	30752.0000	Fences and sheds in easement, easement not drainage	08/10/2015	closed
08/10/2015	SR19823	Rick Cabrera	Duane Jones	John Harris	813-348-9023	2617 & 2616 W. Idlewild Ave, Tampa		Flooding on Idlewild	08/18/2015	asked inspectors to look at
08/19/2015	SR20036 WR20044	Rick Cabrera	Duane Jones	Melissa Chilura	813-951-5768	10572 CR 672		Concerns with Mirabella Subdivision, already causing flooding		
08/06/2015	SR20464	Rick Cabrera	Duane Jones	Lisa Rhodes	813-447-2690	6560 Warren Byrd Ln, Plant City			08/18/2015	
08/07/2015	SR20691	Nanette Scott	Duane Jones	Robert Shell	813-920-5160	9610 Post Road, Odessa		he is being flood out because 9449 Roberts Rd do not maintain man made lake	scheduling meeting	
08/14/2015	SR22089 SR22044	Nanette Scott	Duane Jones	Darrell Philon	813-368-9245	Pine St & Varnes Aly		Pine St & Varnes Aly. Drain is holding water and breeding mosquitos		transfer to PW
08/18/2015	SR22510	Rick Cabrera	Duane Jones	Yvonne Washington	813-949-7928	19808 Reading Rd, Lutz		Neighbor digging in swale and culvert		sent e-mail to com. manager
08/18/2015	SR22530	Rick Cabrera	Duane Jones	Don Rich	813-6773371	12931 Carlington		Mud from golf course behind home		e-mail from Rick
08/18/2015	SR22586	Rick Cabrera	Duane Jones	Brian Wall	theqv@yahoo.com	6033 lanshire Dr, Tampa		Neighbor directing roof runoff to his property		to Christa Hull - closed
08/18/2015	SR22722	Rick Cabrera	Duane Jones	Norman McMahon	813-635-0135	6605 Causeway Blvd and 66th St S, Tampa		Adjacent land being filled causing drainage issues	N/A	
08/18/2015	SR22861	Rick Cabrera	Duane Jones	Olis Patrick	813-968-2567	Lake Magdalene Blvd & Nundy Rd, Tampa		Covenant Church pumping water on property		CE looking into
08/20/2015	SR22864	Duane Jones	Duane Jones	Anonymous		5620 E Dr. MLK Blvd, Tampa		Business is not pumping water as required and causing flooding		
08/20/2015	SR22864	Duane Jones	Duane Jones	Joy Fernandez		2214 Wain Ranch Ln, Lutz		Property at 17928 Livingston (Marvin Hoiton, Folio #33644.0000) has been filling in ditch causing flooding		NR looking into

Date	Case Number	Investigator	Field Investigator	Contact	Phone #	Address	Parcel #	Organization/Source	Site #	Notes
08/21/2015	SR22939	Nanette Scott		no info		10301 Marsh Harbor Way, Riverview	72212-0100	Apartment complex not cleaning drain causing flooding		transfer to CE
08/19/2015	SR23140	Rick Cabrera		Beth Reed		Crenshaw Lake		Runoff from Ripa Construction site causing silt and debris into Crenshaw Lake and flooding		e-mail, DS, PW, EPC looking into
08/18/2015	SR23214 also see SR23140	Roy Mazur		Gerald Stanley	813-240-1291	3701 Little Rd, Lutz		Construction Permit 430418461.001 causing problems to Lake Crenshaw		
08/20/2015	SR23263	Nanette Scott		George Pietras	813-671-1601	7404 Capitano Cv, Riverview	75831-3050	New subdiv. To the south causing flooding at intersection		left message
09/01/2015	SR23334			Raphiela Rivera	813-263-0105	10908 Winter Oak Pl Riverview		neighbor built up their yard and is flooding her out, her deck is ruined.		number provided disconnected
08/20/2015	SR23583	Nanette Scott		Susan Vasquez	239-321-4126	12015 Glenhill Dr., Riverview		flooding in back yard due to filling at 12019 Glenhill Dr.		
08/21/2015	SR23659			no info		Newberger Rd & Livingston Ave, Lutz	32957-0100	Lutz golf course pumping excess water into the street and onto properties		
09/01/2015	SR24715	Nanette Scott		Craig Best	813-248-7018	5138 Madison Ave, Tampa	48905-0000	new construction south and east causing flooding (48936.0000 P# 2619?)		need to schedule a site visit
09/01/2015	SR25076	Nanette Scott		Andy Fedor	afedor57@hotmail.com	19414 N US Hwy 41, Lutz	12409-0236	Filling activity without silt fence, new SFR		SFR sent to Mickey - transfer
09/01/2015	SR25660	Nanette Scott		Carolyn Jenkins	813-689-7535	2001 Martin Rd, Dover	86773-0700	filling activity causing flooding		transfer to NR
08/07/2015	SR2949	Rick Cabrera		Carl Young	813-872-9820	2614 W Idlewild Street, Tampa		Berm erosion		working with
08/07/2015	SR8024 also SR22453	Rick Cabrera	Duane Jones					Flooding on Idlewild	08/18/2015	EOR
08/25/2016	SR9568	Rick Cabrera		Bill Andrews	813-963-0111	3109 Lake Ellen Dr., Tampa		No drainage for the area which is causing a flooding issue.		none at this time
07/17/2015		Rick Cabrera		Bob Buker	850-572-5698			flooding issues within property, attributing to some grading problem.		EOR met with Mr. Burk to discuss and evaluate problem
08/10/2015		Duane Jones		Bobby Lawson	813-624-4535	2505 Spring Green Dr. 5146 Shakespear Dr., Dover	85796-1012	private subdivision - hiring engineer to revise SWFWMD & county permits		yes
		Duane Jones		Patti Lomackey	813-766-6528	12355 Old Memorial Hwy, Tampa	4317-3000			contacted HOA
		Duane Jones		Ms. Peace		10402 Kankakee Lane, Riverview	75831-5028	yard flooding		yes

Date	Case Number	Investigator	Field Investigator	Contact	Phone #	Address	Policy #	Complaint/Issue	SIP Visit	SAV
		Duane Jones		Mr. Bloom		1544 Emerald Dunes Dr., Sun City Center	79640.5340	Drainage issues property line & rear yard		Minto & EOR working with him
		Duane Jones		Gene Kimball	813-973-7058	9114 Regents Park Dr., Tampa	59240.1440	Neighbor directing roof runoff to his property causing erosion of driveway	08/18/2015	
		Duane Jones		Tim Daniel	813-960-0390	15012 Otto Rd, Tampa	16322.0000	2 neighbors complaining each redirecting runoff to impact the other	08/18/2015	
		Duane Jones		Nancy Tracy	813-962-4049	5711 Lake Le Clare Rd., Lutz	14666.2000	New SFR constructed next door causing her flooding	08/18/2015	
		Duane Jones		Debbie Alonso	813-477-3558	11131 Waiter Hunter Rd., Lithia	93925.3000	neighbor driveway blocking natural flow causing her flooding		
09/02/2015		Duane Jones		Joshua Heuman	813-333-6930	16240 Lake Palm Dr.		blocking weep holes in perimeter wall at 16401 Hanna Road		Cert letter sent
09/02/2015		Duane Jones						Maintenance issue for Tract A Rosa Woods Subdivision		Cert letter sent

14360 Haddon Mist Dr.,
Wimauma 77888.0582
purchased new house and has flooding in
back yard

727-460-6424
Mark Gunter

09/04/2015 SR25647 Nanette Scott

Activity 430
Certified Floodplain Managers

Some changes have occurred with team-members designated as a Certified Floodplain Manager (CFM). The following represents Hillsborough County's designated CFMs:

Current 2015 CFM Certified Team-members		
LASTNAME	FIRSTNAME	STATUS
Henry	Eugene	Good standing, Floodplain Admin.
Rimoldi	Michael	Good standing, Building Official
Cabrera	Richard	Good standing
Iverson	Andrea	Good standing
Hernandez	Vanessa	Good standing
Jones	Duane	Good standing
Marshall	Colleen	Good standing
Watson	Donna	Good standing
Bento	Marcia	Good standing, new designee
Austin	John	Good standing, new designee

Activity 430

Hillsborough County modified the local Building Code to remain compliant with the Florida Building Code. The Code are also identified as the Flood Damage Control Regulations. The following are changes to the:

- Building Code
- Flood Damage Control Regulations

EXHIBIT "A"

TABLE OF CONTENTS

CHAPTER 1

SCOPE AND ADMINISTRATION

PART 1 – SCOPE AND APPLICATION

Section 101	General	
101.1	Title	1
101.2	Scope	1
101.3	Code Remedial	1
101.4	Referenced Codes	2
101.5	Rules of Construction	3
Section 102	Applicability	
102.1	General	3
102.2	Building	4

PART 2 – ADMINISTRATION AND ENFORCEMENT

Section 103	Building and Construction Services	
A-1	Establishment	7
A-2	Building Official Qualifications	7
A-3	Chief Inspector Qualification	7
A-4	Inspector Qualifications	7
A-5	Plans Examiner Qualifications	7
A-6	Restrictions on employees	7
Section 104	Duties and powers of the Building Official	
104.1	General	8
104.2	Reserved	8
104.3	Stop Work Orders (Reference Section 115)	8
104.4	Inspections	8
104.5	Reserved	9
104.6	Right of entry	9
104.7	Records	9
104.8	Liability	9
104.9	Approved Materials and Equipment	9
104.10	Requirements / Modifications	9
104.11	Alternative materials, design, methods	9
Section 105	Permits	
105.1	When required	10
105.2	Work exempt from permit	11
105.3	Information required	12
105.4	Conditions of permit	15

105.5	Reserved	16
105.6	Suspension or Revocation of Permit	16
105.7	Reserved	16
105.8	Notice of Commencement.....	16
105.9	Asbestos	17
105.10	Certificate of termite treatment	17
105.11	Notice of termite protection	17
105.12	Work started before permit issuance	17
105.13	Special permits	17
105.14	Affidavits	17
105.15	Opening Protection	18
105.16	Owner permits	18
105.17	Refusal to issue permit	20
105.18	Public right of way.....	21
Section 106	Floor and Roof Design Loads	
106.1	Live loads posted	21
106.2	Issuance of certificate of occupancy	21
106.3	Restrictions on loading	21
Section 107	Drawings and Specifications	
107.1	Submittal documents.....	21
107.2	Construction documents	21
107.3	Examination of documents	23
107.4	Amended construction documents	30
107.5	Retention of construction documents	30
107.6	Affidavits	30
Section 108	Temporary Structures and Uses	
108.1	General	31
108.2	Conformance	31
108.3	Temporary power	31
108.4	Termination of approval	31
Section 109	Fees	
109.1	Prescribed fees	31
109.2	Schedule of permit fees	31
109.3	Building permit valuations.....	32
109.4	Work commencing before permit issuance	32
109.5	Accounting	32
109.6	Fees not refundable	32
Section 110	Inspections	
110.1	General.....	33
110.2	Preliminary inspection	33
110.3	Required inspections	33

110.4	Inspection agencies	39
110.5	Inspection request	39
110.6	Approval required	39
Section 111	Certificates of occupancy and completion	
111.1	Use and occupancy	40
111.2	Certificate issued	40
111.3	Temporary / Partial occupancy	41
111.4	Certificate of completion	41
111.5	Revocation	41
Section 112	Service Utilities	
112.1	Connection of service utilities	41
112.2	Temporary connection	41
112.3	Authority to disconnect	42
Section 113	Construction Board of adjustment and appeals	
113.1	Appointment	42
113.2	Membership	42
113.3	Powers	43
113.4	Administrative appeals	44
113.5	Procedures of the Board	46
113.6	Disciplinary actions	46
Section 114	Violations and penalties	
114.1	General	53
114.2	Civil action	53
Section 115	Stop work orders	
115.1	Authority	55
115.2	Issuance	55
115.3	Unlawful continuance	55
Section 116	Unsafe structures and equipment	
116.1	Unsafe buildings or systems	55

CHAPTER 2
CERTIFICATION

Section 201	General	
201.1	Scope	56
201.2	Applications	56
201.3	Board Date	57
201.4	Requirements for Certificate Issuance	57
201.5	Expiration of Application/Approval	57
201.6	Company	58

201.7	Examination.....	58
201.8	Change of Status	58
201.9	Reciprocity and Waiver of Testing.....	58
201.10	Certificate Renewal.....	58
201.11	Certificate Reactivation	59
Section 202	Contracting	
202.1	Signs.....	59
202.2	Representation	59
202.3	Advertising	60
202.4	Contracting	60
202.5	Aiding and Abetting	60
202.6	Applicability	60

CHAPTER 3

FLOOD DAMAGE CONTROL REGULATIONS

SECTION		
301.1	General Provisions	61
301.2	Standards and Criteria.....	63
301.3	Additional Standards for Developments in Floodplains.....	70

CHAPTER 4

DEFINITIONS	73
-------------------	----

CHAPTER 1
SCOPE AND ADMINISTRATION

SECTION 101
GENERAL

PART 1 – SCOPE AND APPLICATION

- 101.1** **Title.** This ordinance shall be known and be cited as the “Hillsborough County Construction Code,” hereinafter known as “this code.”
- 101.2** **Scope.** The provisions of this ordinance shall govern the administration and enforcement of the Florida Building Code, and all specific volumes and standards contained therein, which establishes the technical standards that shall apply to buildings, structures, equipment, appliances, fixtures, fittings or appurtenances used, as well as to the method of construction, installation, alteration, repair, removal, enlargement, replacement, or connection to any system and the equipment usage, occupancy, locating, maintenance and demolition of every building or structure and any appurtenances or systems connected or attached to such buildings or structures in unincorporated Hillsborough County.
- 101.3** **Code Remedial**
- 101.3(a)** **General.** This code is hereby declared to be remedial and shall be construed to be the minimum standards necessary to secure the beneficial interests and purposes thereof, which are public safety, health and general welfare through structural strength, stability, sanitation, adequate light and ventilation, means of egress, and safety to life and property from fire and other hazards attributed to the built environment including alteration, repair, removal, demolition, use and occupancy of buildings, structures or premises, and by regulating the installation and maintenance of all electrical, gas, mechanical and plumbing systems, which may be referred to as service systems.
- 101.3(b)** **Quality control.** Quality control of materials and workmanship is not within the purview of this code except as it relates to the purposes stated herein.
- 101.3(c)** **Permitting and inspection.** The inspection or permitting of any building, system, or plan under the requirements of this code, shall not be construed in any court as a warranty of the physical condition of such building, system or plan or their adequacy. Neither Hillsborough County nor any employee thereof shall be liable in tort for damages for any defect or hazardous or illegal condition or inadequacy in such building, system, or plan, nor for any failure of any component of such, which may occur subsequent to such inspection or permitting.
- 101.3(d)** **Severability.** If any section, subsection, sentence, clause, or phrase of this code is for any reason held to be unconstitutional or otherwise legally defective, such decision shall not affect the validity of the remaining portions of this code. It is expressly declared by the Board of County Commissioners that any such unconstitutional or otherwise legally defective part did not induce the enactment of this ordinance and that without such part, the remaining portions would have been enacted.

- 101.4 Referenced codes.** The other codes listed in Sections 101.4.1 through 101.4.9 and referenced elsewhere in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference.
- 101.4.1 Electrical.** The provisions of Chapter 27 of the Florida Building Code – Building, and the provisions of the Florida Residential Code, shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings, and appurtenances thereto.
- 101.4.2 Gas.** The provisions of the Florida Building Code, Fuel Gas, including Appendices and the provisions of the Florida Residential Code, shall apply to the installation of consumers’ gas piping, gas appliances and related accessories as covered in this code. These requirements apply to gas piping systems extending from the point of delivery to the inlet connections of appliances, and the installation and operation of residential and commercial gas appliances and related accessories.
- 101.4.3 Mechanical.** The provisions of the Florida Building Code, Mechanical, and the provisions of the Florida Residential Code, shall apply to the installation of mechanical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances, including ventilating, heating, cooling, air conditioning and refrigeration systems, incinerators and other energy-related devices.
- 101.4.4 Plumbing.** The provisions of the Florida Building Code, Plumbing, including Appendices and the provisions of the Florida Residential Code, shall apply to every plumbing installation, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances and when connected to a water or sewerage system and all aspects of a medical gas system.
- 101.4.5 Property Maintenance Reserved.**
- 101.4.6 Fire Prevention.** For provisions related to fire prevention, refer to the *Florida Fire Prevention Code*. *The Florida Fire Prevention Code* shall apply to matters affecting or relating to structures, processes and premises from the hazard of fire and explosion arising from the storage, handling, or use of structures, materials or devices; from conditions hazardous to life, property, or public welfare in the occupancy of structures or premises; and from the construction, extension, repair, alteration or removal of fire suppression and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.
- 101.4.7 Energy.** For provisions related to energy, refer to the Florida Building Code, Energy Conservation, which shall apply to all matters governing the design and construction of buildings for energy.
- 101.4.8 Accessibility.** For provisions related to accessibility, refer the provisions of the Florida Building Code, Accessibility.
- 101.4.9 Manufactured buildings.** For additional administrative and special code requirements, see section 428, *Florida Building Code, Building*, and Rule 9B-1 F.A.C.
- 101.4.10 Residential.** The provisions of the Florida Building Code, Residential shall apply to the construction, installation, alteration, repair, removal, enlargement, replacement or

Formatted: Indent: Left: 1.25", Hanging: 0.75"

connection to any system and the equipment usage, occupancy, locating, maintenance of detached one-and-two-family dwellings and multiple single family dwellings (townhouses) not more than three stories above grade plane in height with a separate means of egress and their accessory structures.

101.4.11 Existing Building. Existing buildings undergoing repair, alterations, or additions and change of occupancy shall comply with Chapter 34 of the Florida Building Code, Building.

101.5 Rules of Construction. The rules set out in this section shall be observed, unless such construction is inconsistent with the intent of this Code. The rules of construction and definitions set out here shall not be applied to any section of this chapter which contains any express provisions excluding such construction, or where the subject or content of such section would be inconsistent with this chapter.

101.5.1 Appendices. To be enforced, the appendices included in the technical codes must be adopted by a local governmental jurisdiction for use in that jurisdiction.

101.5.2 Generally. All provisions, terms, phrases and expressions contained in this Chapter shall be liberally construed in order that the true intent and meaning of the Board of County Commissioners may be fully carried out.

101.5.3 Interpretation. Interpretations of this chapter shall be made by the Building Official. Interpretations of Chapter 3 shall be made by the Flood Damage Control Administrator as defined herein and within the Hillsborough County Land Development Code.

101.5.4 Month. The word "month" shall mean a calendar month.

101.5.5 Shall, may. The word "shall" is mandatory; "may" is permissive. The word "shall" takes precedence over "may."

101.5.6 Text. In cases of any difference of meaning or implication between the text of this Chapter and any figure, the text shall control.

101.5.7 Units of measure. The inch-pound system of measurement is applicable to the provisions of this code. Metric units indicated in parenthesis following inch-pound units are approximate equivalents and are provided for informational purposes only.

101.5.8 Written or in writing. The term "written" or "in writing" shall be construed to include any representation of words, letters or figures whether by printing or otherwise.

101.5.9 Year. The word "year" shall mean a calendar year, unless a fiscal year is indicated.

SECTION 102 APPLICABILITY

102.1 General. Where, in any specific case, different sections of this code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable.

102.1.1 The Florida Building Code does not apply to, and no code enforcement action shall be brought with respect to, zoning requirements, land use requirements and owner specifications or programmatic requirements which do not pertain to and govern the design, construction, erection, alteration, modification, repair or demolition of public or private buildings, structures or facilities or to programmatic requirements that do not pertain to enforcement of the Florida Building Code. Additionally, a local code enforcement agency may not administer or enforce the Florida Building Code, Building to prevent the siting of any publicly owned facility, including, but not limited to, correctional facilities, juvenile justice facilities, or state universities, community colleges, or public education facilities, as provided by law.

102.2 **Building.** The provisions of the Florida Building and Florida Residential Codes, including Appendices, shall apply to the construction, erection, alteration, modification, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every public and private building, structure or facility or floating residential structure, or any appurtenances connected or attached to such buildings, structures or facilities. Additions, alterations, repairs and changes of use or occupancy group in all buildings and structures shall comply with the provisions provided in the Florida Building Code – Existing.

The following buildings, structures, and facilities are exempt from the Florida Building Code – Building, and the Florida Residential Code as provided by law, but not exempt from Chapter 3 of this Code, and any future exemptions shall be as determined by the legislature and provided by law:

- (a) Building and structures specifically regulated and preempted by the Federal Government.
- (b) Railroads and ancillary facilities associated with the railroad.
- (c) Non-residential farm buildings on farms.
- (d) Temporary buildings or sheds used exclusively for construction purposes.
- (e) Mobile homes or modular structures used as temporary offices, except that the provisions of part V (ss. 553.501-553.513, FLORIDA STATUTES) relating to accessibility by persons with disabilities shall apply to such mobile or modular structures.
- (f) Those structures or facilities of electric utilities, as defined in s. 366.02, Florida Statutes, which are directly involved in the generation, transmission, or distribution of electricity.
- (g) Temporary sets, assemblies, or structures used in commercial motion picture or television production, or any sound-recording equipment used in such production, on or off the premises.
- (h) Chickees constructed by the Miccosukee Tribe of Indians or the Seminole Tribe of Florida. As used in this paragraph, the term "chickee" means an open-sided wooden hut that has a thatched roof of palm or palmetto or other traditional materials, and that does not incorporate any electrical, plumbing, or other nonwood features.
- (i) Family mausoleums not exceeding 250 square feet in area which are prefabricated and assembled on site or preassembled and delivered on site and have walls, roofs, and a floor constructed of granite, marble, or reinforced concrete.
- (j) Temporary housing provided by the Department of Corrections to any prisoner in the state correctional system.
- (k) Building or structure having less than 1,000 square feet, which is constructed and owned by a natural person for hunting, and which is repaired or reconstructed to the same dimension and condition as existed on January 1, 2011, if the building structure:
 - (1) is not rented, leased, or used as a principal residence; and
 - (2) is not located within the 100-year floodplain, according to the Federal Emergency Management Agency's current Flood Insurance Rate Map; and
 - (3) is not connected to an offsite electric power or water supply.

Formatted: Font: Not Bold

Formatted: Tab stops: 1.75", Left

- 102.2.1** In addition to the requirements of ss. 553.79 and 553.80 Florida Statutes, facilities subject to the provisions of Chapter 395 Florida Statutes and Part II of Chapter 400 Florida Statutes shall have facility plans reviewed and construction surveyed by the state agency authorized to do so under the requirements of Chapter 395 Florida Statutes and Part II of Chapter 400 Florida Statutes and the certification requirements of the Federal Government.
- 102.2.2** Residential Buildings or structures moved into or within Hillsborough County shall not be required to be brought into compliance with the state minimum building code in force at the time the building or structure is moved, provided:
1. The building or structure is structurally sound and in occupiable condition for its intended use;
 2. The occupancy use classification for the building or structure is not changed as a result of the move;
 3. The building is not substantially remodeled;
 4. Current fire code requirements for ingress and egress are met;
 5. Electrical, gas and plumbing systems meet the codes in force at the time of construction and are operational and safe for reconnection; and
 6. Foundation plans are sealed by a professional engineer or architect licensed to practice in this state, if required by the Florida Building Code, for all residential buildings or structures of the same occupancy class.
 7. A relocated building shall comply with the flood hazard area requirements of the new location, if applicable.
- 102.2.3** The building official shall apply the same standard to a moved residential building or structure as that applied to the remodeling of any comparable residential building or structure to determine whether the moved structure is substantially remodeled. The cost of the foundation on which the moved building or structure is placed shall not be included in the cost of remodeling for purposes of determining whether a moved building or structure has been substantially remodeled.
- 102.2.4** This section does not apply to the jurisdiction and authority of the Department of Agriculture and Consumer Services to inspect amusement rides or the Department of Financial Services to inspect state-owned buildings and boilers.
- 102.2.5** Each enforcement district shall be governed by a board, the composition of which shall be determined by the affected localities.
1. At its own option, each enforcement district or local enforcement agency may adopt rules granting to the owner of a single-family residence one or more exemptions from the Florida building Code, but not to Chapter 3 of this code, relating to:
 - a. Addition, alteration or repair performed by the property owner upon his or her own property, provided any addition or alteration shall not exceed 1,000 square feet or the square footage of the primary structure, whichever is less.
 - b. Addition, alteration or repairs by a non-owner within a specific cost limitation set by rule, provided the total cost shall not exceed \$5,000 within any 12-month period.
 - c. Building and inspection fees.

2. However, the exemptions under subparagraph 1 do not apply to single-family residences that are located in mapped flood hazard areas, as defined in the code, unless the enforcement district or local enforcement agency has determined that the work, which otherwise exempt, does not constitute a substantial improvement, including the repair of substantial damage, of such single-family residences.
3. Each code exemption, as defined in sub-subparagraphs 1a, 1b and 1c of this section shall be certified to the local board 10 days prior to implementation and shall be effective only in the territorial jurisdiction of the enforcement district or local enforcement agency implementing it.

102.2.6 This section does not apply to swings and other playground equipment accessory to a one- or two-family dwelling.

Exception: Electrical service to such playground equipment shall be in accordance with Chapter 27 of the Florida Building Code and Chapter 34 of the Florida Residential Code.

- 102.3** **Application of references.** References to chapter or section numbers, or to provisions not specifically identified by number, shall be construed to refer to such chapter, section or provision of this code.
- 102.4** **Referenced codes and standards.** The codes and standards referenced in the technical codes shall be considered an integral part of the codes without separate adoption. If specific portions of a standard are denoted by code text, only those portions of the standard shall be enforced. Where code provisions conflict with a standard, the code provisions shall be enforced. Permissive and advisory provisions in a standard shall not be construed as mandatory.
- 102.5** **Delegation of authority.** Whenever a provision appears requiring the Building Official or some other officer or employee to do some act or perform some duty, it is to be construed to authorize the Building Official or other officer to designate, delegate and authorize professional level subordinates to perform the required act or duty unless the terms of the provision or section specify otherwise.
- 102.6** **Existing Structures.** The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, or the Florida Fire Presentation Code, or as is deemed necessary by the building official for the general safety and welfare of the occupants and the public.
- 102.7** **Relocation of manufactured buildings.**
1. Relocation of an existing manufactured building does not constitute an alteration.
 2. A relocated building shall comply with wind speed requirements of the new location, using the appropriate wind speed map. If the existing building was manufactured in compliance with the Standard Building Code (prior to March 1, 2002), the wind speed map of the Standard Building Code shall be applicable. If the existing building was manufactured in compliance with the Florida Building Code (after March 1, 2002), the wind speed map of the Florida Building Code shall be applicable.
 3. A relocated building shall comply with the flood hazard area requirements of the new location, if applicable.

- 102.8 **Existing mechanical equipment.** An agency or local government may not require that existing mechanical equipment on the surface of a roof be installed in compliance with the requirements of the Florida Building Code until the equipment is required to be removed or replaced.
- 102.9 **Federal and state authority.** The provisions of this code shall not be held to deprive any Federal or State agency, or any applicable governing authority having jurisdiction, of any power or authority which it had on the effective date of the adoption of this code or of any remedy then existing for the enforcement of its orders, nor shall it deprive any individual or corporation of its legal rights as provided by law. Where code requirements promulgated by separate agencies of government conflict, the more stringent standard shall be enforced unless prohibited by law.

PART 2—ADMINISTRATION AND ENFORCEMENT
SECTION 103

BUILDING AND CONSTRUCTION SERVICES

- A – 1 **Establishment.** This Chapter shall be administered and enforced by Hillsborough County Building and Construction Services of the Development Services Department, referred to herein after as “construction services.” The County Administrator shall designate a “Building Official” and that person’s duly authorized representatives shall act as building officials.
- A – 2 **Building Official Qualifications.** The Building Official shall have such qualifications as deemed appropriate by the County Administrator. At a minimum the Building Official shall be certified as a Building Code Administrator in compliance with Chapter 468, Florida Statutes by the State of Florida. .
- A – 3 **Chief Inspector Qualifications.** The Building Official, with the approval of the applicable governing authority, may designate chief inspectors to administer the provisions of the Building, Electrical, Gas, Mechanical, and Plumbing Codes and Plans Examination. Each Chief Inspector shall have at least ten years experience or equivalent, as an architect, engineer, inspector, contractor, or superintendent of construction, or any combination thereof. Each chief inspector shall be certified as an inspector regulated by the Florida Department of Business and Professional Regulations in the appropriate designated field, and shall be in compliance with State certification requirements. Failure to maintain such required State certification shall be grounds for dismissal as a Chief Inspector.
- A – 4 **Inspector Qualifications.** The Building Official, with the approval of the applicable governing authority, may appoint or hire such number of inspectors as shall be authorized from time to time. All inspectors shall be certified with the Florida Department of Business and Professional Regulations as inspectors in their field of responsibility. Failure to maintain such certification may be grounds for dismissal as an Inspector.
- A – 5 **Plans Examiner Qualifications.** The Building Official, with the approval of the applicable governing authority, may appoint or hire such number of plans examiners as shall be authorized from time to time. All plans examiners shall be certified with the Florida Department of Business and Professional Regulations as plans examiners in their field of responsibility. Failure to maintain such certification may be grounds for dismissal as a plans examiner.
- A – 6 **Restrictions on employees.** An employee of construction services, except one whose only connection is as a member of the board established by this code, shall not be financially interested in

the furnishing of labor, material, or appliances for the construction, alteration, or maintenance of a building, structure, service, system or in the making of plans or of specifications thereof, unless he is the owner of such. Employees shall not engage in any other work that is inconsistent with their duties or conflict with the interest of construction services. Any employee functioning in a capacity, which requires a State certification, must obtain and retain such certification. Failure to obtain or maintain such certification may be grounds for dismissal.

**SECTION 104
DUTIES AND POWERS OF THE BUILDING OFFICIAL**

- 104.1 General.** The Building Official is hereby authorized and directed to enforce the provisions of this code. The Building Official is further authorized to render interpretations of this code, which are consistent with its spirit and purpose and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code, and shall not have the effect of waiving requirements specifically provided for in this code. The Building Official shall work in concert with the Flood Damage Control Administrator in the implementation of the Hillsborough County Flood Damage Control Regulations and the flood provisions of the Florida Building Code.
- 104.2 Applications and permits.** Reserved.
- 104.3 Stop work orders – Reference Section 115.** Upon notice from the Building Official, work on any building, structure, electrical, gas, mechanical or plumbing system that is being done contrary to the provisions of this code or any County ordinance in a dangerous or unsafe manner, shall immediately cease. Such notice shall be in writing and shall be given to the owner of the property, the owner's agent, or to the person doing the work, and shall state the conditions under which work may be resumed. Where an emergency exists, the Building Official shall not be required to give a written notice prior to stopping the work.
- 104.3.1 Revocation of permits.** The Building Official is authorized to suspend or revoke a permit issued under the provisions of this code wherever the permit is issued in error or on the basis of incorrect, inaccurate or incomplete information, or in violation of any ordinance or regulation or any provisions of this code.
- 104.3.2 Misrepresentation of application.** The Building Official may revoke a permit or approval, issued under the provisions of this code, where there has been any false statement or misrepresentation as to the material fact in the application or plans on which the permit or approval was based.
- 104.3.3 Violation of code provisions.** The Building Official may revoke a permit upon determination by the Building Official that the construction, erection, alteration, repair, moving, demolition, installation, or replacement of the building, structure, electrical, gas, mechanical or plumbing systems for which the permit was issued is in violation of, or not in conformity with, the provisions of this code.
- 104.4 Inspections.** Whenever necessary to make an inspection to enforce any of the provisions of this code, or whenever the Building Official has reasonable cause to believe that there exists in any building or upon any premises any condition or code violation which makes such building, structure, premises, electrical, gas, mechanical or plumbing systems unsafe, dangerous or hazardous, the Building Official may enter such building, structure or premises at all reasonable times to inspect the

same or to perform any duty imposed upon the Building Official by this code. If such building or premises are occupied, the Building Official shall first present proper credentials and request entry. If such building, structure, or premises are unoccupied, the Building Official shall first make a reasonable effort to locate the owner or other persons having charge or control of such and request entry, except when a building permit has been issued for such, in which case the permit shall imply a right of entry has been granted. If entry is refused, the Building Official shall have recourse to every remedy provided by law to secure entry.

104.5 **Reserved.**

104.6 **Right of entry.**

104.6.1 **Warrants.** When the Building Official shall have first obtained a proper Warrant or other remedy provided by law to secure entry, no owner or Occupant or any other person having charge, care or control of any building structure, or premises shall fail or neglect, after proper request is made as herein provided, to promptly permit entry therein by the Building Official for the purpose of inspection and examination pursuant to this code.

104.7 **Records.** The Building Official shall keep, or cause to be kept, in accordance with any state law requirements, a record of the business of construction services. The records of construction services shall be open to public inspection.

104.8 **Liability.** Any employees, or members of the Board of Adjustments, Appeals and Examiners, charged with the enforcement of this code, acting for the applicable governing authority in the discharge of his duties, shall not thereby render themselves personally liable, and are hereby relieved from all personal liability, for any damage that may accrue to persons or property as a result of any act required or permitted in the discharge of their duties. Any suit brought against any employees or members because of such act performed by them in the enforcement of any provisions of this code shall be defended by the County Attorney's Office until the final termination of the proceedings

104.9 **Approved Materials and Equipment.** Materials, equipment, and devices approved by the Building Official shall be constructed and installed in accordance with such approval.

104.10 **Requirements / Modifications not covered by code.** Any requirements / modifications necessary for the strength, stability or proper operation of an existing or proposed building, structure, electrical, gas, mechanical or plumbing system, or for the public safety, health and general welfare, not specifically covered by this or the other technical codes, shall be determined by the Building Official.

104.11 **Alternative materials, design, and methods of construction.** The provisions of this Code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material, design or method of construction shall be approved where the Building Official finds that the proposed design is satisfactory and complies with the intent of the provisions of this Code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this Code in quality, strength, effectiveness, fire resistance, durability, and safety. When alternate life-safety systems are designed, the SFPE Engineering Guide to Performance – Based Fire Protection Analysis and Design of Buildings, or other methods approved by the Building Official may be used. The Building Official shall require that sufficient evidence or proof be submitted to substantiate any claim made regarding the alternative.

- 104.11.1 Research reports.** Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.
- 104.11.2 Tests.** Whenever there is insufficient evidence of compliance with the provisions of this code, or evidence that a material or method does not conform to the requirements of this code, or in order to substantiate claims for alternative materials or methods, the building official shall have the authority to require tests as evidence of compliance to be made at no expense to the jurisdiction. Test methods shall be as specified in this code or by other recognized test standards. In absence of recognized and accepted test methods, the building official shall approve the testing procedure. Tests shall be performed by an approved agency. Reports of such tests shall be retained by the building official for the period required for retention of public records. The Building Official may also require such testing as necessary to ensure the integrity of installed components or systems and for compliance with the Flood Damage Control Regulations (Chapter 3 of this Code).
- 104.11.3 Accessibility.** Alternate designs and technologies for providing access to and usability of a facility for persons with disabilities shall be in accordance with provisions of the Florida Building Code, Accessibility.

SECTION 105 PERMITS

- 105.1 When required.** Any owner, authorized agent, or contractor who desires to construct, enlarge, alter, repair, move, demolish, or change the occupancy or occupant content of a building or structure, or any outside area being used as part of the building's designated occupancy (single or mixed) or to erect, install, enlarge, alter, repair, remove, convert or replace any impact-resistant coverings, electrical, gas, mechanical, or plumbing system, the installation of which is regulated by the technical codes, or to cause any such work to be done, shall first make application to the building official and obtain the required permit for the work.
- 105.1.1 Annual Facility Permit.** In lieu of an individual permit for each alteration to an existing electrical, gas, mechanical, plumbing or interior non-structural office system(s), the building official is authorized to issue an annual permit for any occupancy to facilitate routine or emergency service, repair, refurbishing, minor renovations of service systems or manufacturing equipment installations/relocations. The building official shall be notified of major changes and shall retain the right to make inspections at the facility site as deemed necessary. An annual facility service permit shall be assessed an annual fee and shall be valid for one year from date of issuance. A separate permit shall be obtained for each facility and for each construction trade, as applicable. The permit application shall contain a general description of the parameters of work intended to be performed during the year.
- 105.1.2 Annual Permit Records.** The person to whom an annual permit is issued shall keep a detailed record of alterations made under such annual permit. The building official shall have reasonable access to such records upon request. The permit holder shall list/identify all work performed on a form approved by the building official. At the end of the permit validation period, a copy of the log shall be filed with the building official. The building official is authorized to revoke or withhold the issuance of the future permits if a pattern of code violations is found to exist.

105.1.3 Food Permit. As per s. 500.12, Florida Statutes, a food permit from the Department of Agriculture and Consumer Services is required of any person who operates a food establishment or retail store.

105.2 Work exempt from permit. Exemptions from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code. Structures and Facilities Exempt from this section shall comply with ASCE-24 and the Hillsborough County Flood Damage Control Regulations. Permits shall not be required for the following:

Building:

1. The construction of docks when Port Authority or Designee approval has been obtained.
2. Residential sheds and greenhouses less than 150 square feet.

Gas:

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical:

1. any portable heating appliance;
2. any portable ventilation equipment;
3. any portable cooling unit;
4. any steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.
5. replacement of any part that does not alter its approval or make it unsafe;
6. any portable evaporative cooler;
7. any self-contained refrigeration system containing 10 lb. (4.54 5 kg) or less of refrigerant and actuated by motors of 1 horsepower (746 W) or less; and
8. The installation, replacement, removal, or metering of any load management control device.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe, provided, however, that if any concealed trap, drain pipe, water, soil waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a permit shall be obtained and inspection made as provided in this code.
2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.
3. The cleaning of a septic tank.
4. All work described in Parts 1 & 2 above may only be performed by a licensed plumbing contractor or the property owner in accordance with s. 489.103(7) Florida Statutes, regardless of whether a permit is required for such work.

Electrical:

1. The installation or repair of a low-voltage system in an existing single-family residence when:
 - a. The work is performed by the property owner.
 - b. The work is performed by a non-owner, provided the total cost of labor and materials does not exceed \$5,000.

105.2.1 Emergency repairs. Where equipment replacements and repairs must be performed in an emergency situation, the permit application shall be submitted within the next working business day to the building official.

105.2.2 Minor repairs. Ordinary minor repairs may be made with the approval of the building official without a permit, provided the repairs do not include the cutting away of any wall, partition or portion thereof, the removal or cutting of any structural beam or load-bearing support, or the removal or change of any required means of egress, or rearrangement of parts of a structure affecting the egress requirements; additionally, ordinary minor repairs shall not include addition to, alteration of, replacement or relocations of any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent or similar piping, electric wiring systems or mechanical equipment, or other work affecting public health or general safety, and such repairs shall not violate any of the provisions of the technical codes. The following conditions involving repairs and maintenance shall be considered as meeting the ordinary repair definition:

1. The work will not be structural in nature as described in the paragraph above. ; or
2. Work involving floor coverings (carpet, vinyl, tile, wood, etc.), painting, wallpapering, cabinet work, furnishings, decorations, shelving, facia, soffit, gutters and downspouts, and routine internal and external maintenance when no structural component is altered or installed, regardless of cost; or
3. Preliminary site investigation such as test borings, test pilings, well points and soil sampling activities except as required by Section 117 of this Code.

The waiving of building permit requirements under these exemptions shall not be deemed a waiver of any other requirements of this code, including but not limited to certification requirements, or of any permit requirements set forth by any other jurisdiction or agency with the power to enforce building code regulations.

105.2.3 Emergency repairs following a disaster. Where equipment replacements and repairs must be performed in an emergency situation following a disaster where an emergency declaration has been issued and the Building Official has authorized emergency permitting, the permit application may be placed in abeyance for a period of 30 working days or as otherwise authorized by the Board of County Commissioners or County Administrator following confirmation of a disaster inspection performed by a disaster-assessment team or building inspector (or other designee of the Building Official).

105.3 Information required. Each application for a permit, with the required fee, shall be filed with the building official on a form furnished for that purpose and shall contain a general description of the proposed work and its location. The application shall be signed by the owner, a contractor certified by the State or County to practice in the area of work proposed, or his authorized agent. The building permit application shall indicate the proposed occupancy of all parts of the building and of that portion of the site or lot, if any, not covered by the building or structure and shall contain such other information as may be required by the building official. Permit application forms shall be in the format prescribed by a local administrative board, if applicable, and must comply with the requirements of s. 713.135(5) & (6) Florida Statutes. Each application shall be inscribed with the date of application and the code in effect as of that date. For a building permit for which an application is submitted prior to the effective date of the Florida Building Code, the state minimum building code in effect in the permitting jurisdiction on the date of the application governs the permitted work for the life of the permit and any extension granted to the permit

105.3.1 Action on Applications

The building official shall act upon an application for a permit without unreasonable or unnecessary delay. If the application or the construction documents do not conform to the requirements of pertinent laws, the building official shall reject such application in writing, stating the reasons therefore. If the building official is satisfied that the work described in an application for a permit and the contract documents filed conform to the requirements of the technical codes and other pertinent laws and ordinances, he shall issue a permit to the applicant as soon as practicable. When authorized through contractual agreement with a school board, in acting on applications for permits, the building official shall give first priority to any applications for the construction of, or addition or renovation to, any school or educational facility.

105.3.1.1 If a state university, state community college, or public school district elects to use a local government's code enforcement offices, fees charged by counties and municipalities for enforcement of the Florida Building Code on buildings, structures, and facilities of state universities, state colleges, and public school districts shall not be more than the actual labor and administrative costs incurred for plans review and inspections to ensure compliance with the code.

105.3.1.2 No permit may be issued for any building construction, erection, alteration, modification, repair, or addition unless the applicant for such permit provides to the enforcing agency which issues the permit any of the following documents which apply to the construction for which the permit is to be issued and which shall be prepared by or under the direction of an engineer registered under Chapter 471 Florida Statutes:

1. Plumbing documents for any new building or addition which requires a plumbing system with more than 250 fixture units or which costs more than \$125,000.
2. Fire sprinkler documents for any new building or addition that includes a fire sprinkler system that contains 50 or more sprinkler heads. A Contractor I, Contractor II, or Contractor IV, certified under Chapter 633, Florida Statutes, may design a fire sprinkler system of 49 or fewer heads and may design the alteration of an existing fire sprinkler system if the alteration consists of the relocation, addition or deletion of not more than 49 heads, notwithstanding the size of the existing fire sprinkler system.
3. Heating, ventilation and air-conditioning documents for any new building or addition that requires more than a 15-ton-per-system capacity which is designed to accommodate 100 or more persons or for which the system costs more than \$125,000. This paragraph does not include any document for the replacement or repair of an existing system in which the work does not require altering a structural part of the building or for work on a residential one-family, two-family, three-family or four-family structure.

An air-conditioning system may be designed by an installing air-conditioning contractor certified under Chapter 489, Florida Statutes to

serve any building or addition which is designed to accommodate fewer than 100 persons and requires an air-conditioning system with value of \$125,000 or less; and when a 15-ton-per-system or less is designed for a singular space of a building and each 15-ton system or less has an independent duct system. Systems not complying with the above require design documents that are to be sealed by a professional engineer.

Example 1: When a space has two 10-ton systems with each having an independent duct system, the contractor may design these two systems since each system is less than 15 tons.

Example 2: Consider a small single story office building which consists of 6 individual offices where each office has a single three-ton package air conditioning heat pump. The six heat pumps are connected to a single water-cooling tower. The cost of the entire heating, ventilation and air conditioning work is \$47,000 and the office building accommodates fewer than 100 persons. Because the six mechanical units are connected to a common water tower, this is considered to be an 18-ton system. It therefore could not be designed by a mechanical or air-conditioning contractor.

Note: It was further clarified by the commission that the limiting criteria of 100 persons and \$125,000 apply to the building occupancy load and the cost of the total air-conditioning system of the building.

4. Any specialized mechanical, electrical, or plumbing document for any new building or addition which includes a medical gas, oxygen, steam, vacuum, toxic air filtration, halon, or fire detection and alarm system which costs more than \$5,000.
5. Electrical documents. Any electrical system that requires an aggregate service capacity of 600 amperes (240 volts) or less on a residential electrical system or 800 amperes (240 volts) or less on a commercial or industrial electrical system. See Florida Statutes 471.003(2)(h).

Documents requiring an engineer seal by this part shall not be valid unless a professional engineer who possesses a valid certificate of registration has signed, dated, and stamped such document as provided in s. 471.025, Florida Statutes.

- 105.3.2 Time Limitations.** An application for plan review and permitting, as well as plans that have been approved for construction, shall be deemed to have been abandoned, and shall expire by limitation and become null and void, 180 days after the date of filing or of plan approval and permit processing, unless before then a permit has been issued. Before such plans are re-approved, an application for a new plan approval and associated fees shall first be submitted, and shall be subject to applicable code, ordinance and resolution changes. One or more extensions of time for a period of not more than 90 days each may be allowed by the building official for the application, provided the extension is requested in writing and justifiable cause is demonstrated. .

- 105.3.3** An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county, and there may be additional permits required from other governmental entities such as water management districts, state agencies or federal agencies."
- 105.3.4** A building permit for a single-family residential dwelling must be issued within 30 working days of application thereof unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.
- 105.3.5** **Identification of minimum premium policy.** Except as otherwise provided in Chapter 440, Workers Compensation, every employer shall, as a condition to receiving a building permit, show proof that it has secured compensation for its employees as provided in ss. 440.10 and 440.38, Florida Statutes.
- 105.3.6** **Asbestos removal.** Moving, removal or disposal of asbestos-containing materials on a residential building where the owner occupies the building, the building is not for sale or lease, and the work is performed according to the owner-builder limitations provided in this paragraph. To qualify for exemption under this paragraph, an owner must personally appear and sign the building permit application. The permitting agency shall provide the person with a disclosure statement in substantially the following form:

Disclosure Statement:

State law requires asbestos abatement to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own asbestos abatement contractor even though you do not have a license. You must supervise the construction yourself. You may move, remove or dispose of asbestos-containing materials on a residential building where you occupy the building and the building is not for sale or lease, or the building is a farm outbuilding on your property. If you sell or lease such building within 1 year after the asbestos abatement is complete, the law will presume that you intended to sell or lease the property at the time the work was done, which is a violation of this exemption. You may not hire an unlicensed person as your contractor. Your work must be done according to all local, state and federal laws and regulations that apply to asbestos abatement projects. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances.

105.4 **Conditions of permit**

- 105.4.1** **Permit intent.** A permit issued shall be construed to be a license to proceed with the work detailed in the approved plans and specifications and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes or any other code or ordinance, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction, or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within the time limitations described in subsection 105.3.2 after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days, per the time limitations described above, after the time the work is commenced.

One or more extensions of time for a period of not more than 90 days each may be allowed by the building official for the application provided the extension is requested in writing and justifiable cause is demonstrated.

105.4.1.1 If work has commenced and the permit is revoked becomes null and void or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

105.4.1.2 If a new permit is not obtained within the time limitations described in subsection 105.3.2 (90 or 180 days) from the date the initial permit became null and void, the building official is authorized to require that any work that has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date of issuance of the new permit.

105.4.1.3 Work shall be considered to be in active progress when the permit has received an approved inspection within the time limitations described in subsection 105.3.2 (90 or 180 days). This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

105.4.1.4 A fee for a renewal reissuance and an extension of a permit shall be assessed by construction services.

105.5 **Expiration.** Reserved.

105.6 **Suspension or Revocation of Permit.** The building official is authorized to suspend or revoke a permit issued under the provisions of this code wherever a permit is issued in error or on the basis of incorrect, inaccurate, or incomplete information, or in violation of any ordinance or regulation or any of the provisions of this code.

105.7 **Placement of Permit.** Reserved.

105.8 **Notice of Commencement.** As per s. 713.135 Florida Statutes, when any person applies for a building permit, the authority issuing such permit shall print on the face of each permit card in no less than 14-point, capitalized, boldfaced type: "WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

If the direct contract is greater than \$2,500.00 or a direct contract cost of \$7,500 or greater to repair or replace an existing heating or air-conditioning system, the applicant shall file with the issuing authority prior to the first inspection either a certified copy of the recorded notice of commencement or a notarized statement that the notice of commencement has been filed for recording, along with a copy thereof. In the absence of the filing of certified copy of the recorded notice of commencement, the issuing authority shall not perform or approve subsequent inspections until the applicant files by mail, facsimile, hand delivery, or any other means such as certified copy with the issuing authority.

The certified copy of the notice of commencement must contain the name and address of the owner, the name and address of the contractor, and the location or address of the property being improved. The issuing authority shall verify that the name and address of the owner, the name of the contractor, and the location or address of the property being improved which is contained in the certified copy of the notice of commencement is consistent with the information in the building permit application.

- 105.9 Asbestos.** The enforcing agency shall require each building permit for the demolition or renovation of an existing structure to contain an asbestos notification statement which indicates the owner's or operator's responsibility to comply with the provisions of s. 469.003 Florida Statutes and to notify the Department of Environmental Protection of her or his intentions to remove asbestos, when applicable, in accordance with state and federal law.
- 105.10 Certificate of Protective Treatment for prevention of termites.** A weather resistant jobsite posting board shall be provided to receive duplicate Treatment Certificates as each required protective treatment is completed, providing a copy for the person the permit is issued to and another copy for the building permit files. The Treatment Certificate shall provide the product used, identity of the applicator, time and date of the treatment, site location, area treated, chemical used, percent concentration and number of gallons used, to establish a verifiable record of protective treatment. If the soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.
- 105.11 Notice of termite protection.** A permanent sign, which identifies the termite treatment provider and need for re-inspection and treatment contract renewal, shall be provided. The sign shall be posted near the water heater or electric panel.
- 105.12 Work Started before Permit Issuance.** Upon approval of the building official, the scope of work delineated in the building permit application and plans may be started prior to the final approval and issuance of the permit provided any work completed is entirely at risk of the permit applicant and the work does not proceed past the first required inspection
- 105.13 Special permits.** When application for permit to erect or enlarge a building or for interior work under an existing roof has been filed and pending issuance of such permit, the Building Official may, at his discretion, issue a special permit for the foundation only or an early start. Electrical, gas, mechanical and plumbing permits entailing work under or through the foundation or associated with the interior work may be issued based on the existence of a special permit. The holder of such a special permit is proceeding at his own risk and without assurance that a permit for the remainder of the work will be granted nor that corrections will not be required in order to meet provisions of the technical codes.
- 105.14 Affidavits.** The building official may accept a sworn affidavit from a registered architect or engineer stating that the plans submitted conform to the technical codes following verification that said approval is not contrary to the County's participation with the National Flood Insurance Program. For buildings and structures, the affidavit shall state that the plans conform to the laws as to egress, type of construction and general arrangement and, if accompanied by drawings, show the structural design and that the plans and design conform to the requirements of the technical codes as to strength, stresses, strains, loads and stability. The building official may without any examination or inspection accept such affidavit, provided the architect or engineer who made such affidavit agrees to submit to the building official copies of inspection reports as inspections are performed and upon completion of the structure, electrical, gas, mechanical or plumbing systems a certification that the structure, electrical, gas, mechanical or plumbing system has been erected in accordance with the requirements of the technical codes and other pertinent laws, ordinances. Where the Building Official relies upon

such affidavit, the architect or engineer shall assume full responsibility for the compliance with all provisions of the technical codes and other pertinent laws or ordinances and provide the Building Official with a signed and sealed statement to this affect prior to the issuance of a certificate of occupancy or letter of completion with certifications pursuant to Chapter 3 if applicable. The building official shall ensure that any person conducting plans review or inspections is qualified as an inspector or plans examiner licensed under Chapter 468 Part XII, Florida Statutes. **Exception:** Permit issued on the basis of an affidavit shall not extend to the flood load and flood-resistant requirement of the Florida Building Code.

105.14.1 Work authorized. A building, electrical, gas, mechanical or plumbing permit shall carry with it the right to construct or install the work, provided the same is shown on the drawings and set forth in the specifications filed with the application for the permit. Where these are not shown on the drawings and covered by the specifications submitted with the application, separate permits shall be required.

105.14.2 Exclusivity. Building permits do not allow the permittee to do the work for which another permit is required.

105.15 Opening protection. When any activity requiring a building permit that is applied for on or after July 1, 2008, and for which the estimated cost is \$50,000 or more for a site-built single-family detached residential structure that is located in the wind-borne debris region as defined in this code and that has an insured value of \$750,000 or more, or, if the site-built single-family detached residential structure is uninsured or for which documentation of insured value is not presented, has a just valuation for the structure for purposes of ad valorem taxation of \$750,000 or more; opening protections as required within this code or *Florida Building Code, Residential* for new construction shall be provided.

Exception: Single-family residential structures permitted subject to the *Florida Building Code* are not required to comply with this section.

105.16 Owner Permits.

105.16.1 The Building Official shall have the authority to set standards for the issuance of permits to owners. The owner/applicant, by applying for a permit, acknowledges his responsibility to have the requisite knowledge to perform the work described to meet the requirements of this chapter. For the purposes of this subsection, the term "owners of property" includes the owner of a mobile home situated on a leased lot.

105.16.2 A building, electrical, plumbing, or mechanical permit may be issued to any person who is a bona fide owner of real property:

1. When building or improving farm outbuildings or one-family or two-family residences on such property for the occupancy or use or intended immediate occupancy of such owners and not offered for sale or lease within 1 year after completion.
2. When building or improving a commercial building whose total construction cost is less than \$75,000.00 and whose occupancy and use is for the owner and not offered for sale or lease.
3. When repairing or replacing wood shakes or asphalt or fiberglass shingles on one-family, two-family, or three-family residences for the occupancy or use of such owner or tenant of the owner and not offered for sale within one (1) year after

completion of the work and when the property has been damaged by natural causes from an event recognized as an emergency situation designated by executive order issued by the Governor declaring the existence of a state of emergency as a result and consequence of a serious threat posed to the public health, safety, and property of the state.

4. Such owner shall furnish satisfactory evidence to the official that he has sufficient practical knowledge to perform such work. The owner may hire laborers to assist him with the work, provided he complies with the Florida Statutes regarding Worker's Compensation, insurance, and payroll taxes. If a temporary labor-pool contractor is used, it is the owner's responsibility to ensure that the proper coverage, as outlined above, is provided.
5. To qualify for exemption under this subsection, an owner must personally appear, sign the building permit application, and satisfy all permitting requirements. The owner must show proof of personal ownership and that he or she is the bona fide owner of the real property. The owner's name must appear on a current deed or current official Hillsborough County tax bill or record. Corporations, LLCs, trust agreements or any other such agreements, in which personal ownership is not demonstrated, are not eligible for this exemption.
6. Under this exemption, the building official is authorized to require that construction documents be prepared by a licensed architect or engineer to show that any unlawful work that may have been performed complies with the Florida Building Code.
7. If any person violates the requirements of this subsection, the building official shall withhold final approval, revoke the permit, or pursue any action or remedy for unlicensed activity against the owner and any other person performing work that requires licensure under the permit issued.
8. The local permitting agency shall provide the person with a disclosure statement in substantially the following form:

Disclosure Statement:

State Law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license.

1. You are not required to sign a permit application unless you will be responsible for the construction yourself and will not be hiring a licensed contractor to assume responsibility. You must provide direct, onsite supervision of the construction. Under this permit, you are the responsible party of record. You are legally and financially responsible for the proposed construction activity. You may substantially protect yourself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name, instead of your name.
2. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$75,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1

year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption.

3. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on your property. Your homeowners insurance may not provide coverage for those injuries.
 4. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide worker's compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.
9. Such permits shall be limited to the following types of work:
- a. Building permits. Construction, alteration, repairs, roofing, re-roofing or remodeling of a one- or two-family dwelling with garage or other qualified buildings permitted by law. Such work may be contracted to an appropriately licensed contractor for the different categories of work under this permit.
 - b. Electrical permits. Installation, extension, alteration, repairs, maintenance, and removal of electrical wiring, and any device in connection therewith for light, heat, low-voltage or power within such dwelling or accessory building. Such work may not be subcontracted by an owner when he obtains the permit.
 - c. Plumbing and mechanical permits. Any plumbing or mechanical work within such dwelling or accessory building. Such work may not be subcontracted by an owner when he obtains the permit.

105.16.3 A homeowner may obtain any of the above permits in 104.1.8.2 or a partially completed residential structure provided the structure has received a certificate of completion for the work that has already been completed.

105.17 **Refusal to issue permits.** If the application for a permit and the accompanying contract documents describing the work do not conform to the requirements of the technical codes or other pertinent laws or ordinances, the building official shall not issue a permit, but shall return the contract documents to the applicant with his refusal to issue such permit. Such refusal shall, when requested, be in writing and shall contain the reason for refusal.

- 105.17.1** A permit may not be issued to any contractor or homeowner who:
1. Has allowed a previous permit to expire without obtaining a final inspection; or
 2. Has previous permits greater than 30 days old with outstanding code violations or outstanding fees.

- 105.18 **Public right of way.** A permit shall not be given by the Building Official for the construction of any building, or for the alteration of any building where said building is to be changed and such change will affect the exterior walls, bays, balconies, or other appendages or projections fronting on a right-of-way, easement, conservation area or zoning minimum lot line setback, unless the applicant has obtained a variance for such encroachment from the appropriate regulatory body.

**SECTION 106
FLOOR AND ROOF DESIGN LOADS**

- 106.1 **Live loads posted.** Where the live loads for which each floor or portion thereof of a commercial or industrial building is or has been designed to exceed 50 psf, such design live loads shall be conspicuously posted by the owner in that part of each story in which they apply, using durable signs. It shall be unlawful to remove or deface such notices.
- 106.2 **Issuance of certificate of occupancy.** A certificate of occupancy required by Section 111 shall not be issued until the floor load signs, required by Section 106.1, have been installed.
- 106.3 **Restrictions on loading.** It shall be unlawful to place, or cause or permit to be placed, on any floor or roof of a building, structure or portion thereof, a load greater than is permitted by this code.

**SECTION 107
DRAWINGS AND SPECIFICATIONS**

- 107.1 **Submittal documents.** Construction documents, a statement of special inspections and other data shall be submitted in one or more sets with each application for a permit. The construction documents shall be prepared by a design professional where required by the statutes. Where special conditions exist, the building official is authorized to require additional construction documents to be prepared by a registered design professional.

Exception: The building official is authorized to waive the submission of construction documents and other data not required to be prepared by a registered design professional if it is found that the nature of the work applied for is such that review of construction documents is not necessary to obtain compliance with this code.

If the design professional is an architect or engineer legally registered under the laws of this state regulating the practice of architecture as provided for in Chapter 481, *Florida Statutes*, Part I, or engineering as provided for in Chapter 471, *Florida Statutes*, then he or she shall affix his or her official seal to said drawings, specifications and accompanying data, as required by *Florida Statute*. If the design professional is a landscape architect registered under the laws of this state regulating the practice of landscape architecture as provided for in Chapter 481, *Florida Statutes*, Part II, then he or she shall affix his or her seal to said drawings, specifications and accompanying data as defined in Section 481.303(6)(a)(b)(c)(d), *FS*. Such information shall be specific, and the technical codes shall not be cited as a whole or in part, nor shall the term "to code" or "legal" or its equivalent be used as a substitute for specific information.

- 107.2 **Construction documents.** Construction documents shall be in accordance with Sections 107.2.1 through 107.2.5

- 107.2.1 Information on construction documents.** Construction documents shall be dimensioned and drawn upon suitable material. Electronic media documents are permitted to be submitted when approved by the building official. Construction documents shall be of sufficient clarity to indicate the location, nature and extent of the work proposed and show in detail that it will conform to the provisions of this code and relevant laws, ordinances, rules and regulations, as determined by the building official (see also Section 107.3.5).
- 107.2.1.1 Fire protection system shop drawings.** Shop drawings for the fire protection system(s) shall be submitted to indicate conformance to this code and the construction documents and shall be approved prior to the start of system installation. Shop drawings shall contain all information as required by the referenced installation standards in Chapter 9.
- 107.2.1.2** For roof assemblies required by the code, the construction documents shall illustrate, describe, and delineate the type of roofing system, materials, fastening requirements, flashing requirements and wind resistance rating that are required to be installed. Product evaluation and installation shall indicate compliance with the wind criteria required for the specific site or a statement by an architect or engineer for the specific site must be submitted with the construction documents.
- 107.2.1.3 Additional data.** The Building Official may require details, computations, stress diagrams, and other data necessary to describe the construction or installation and the basis of calculations. All drawings, specifications and accompanying data required by the Building Official to be prepared by an architect or engineer shall be affixed with their official seal and signed.
- 107.2.1.4 Structural and fire resistance integrity.** Plans for all buildings shall indicate how required structural and fire resistance integrity will be maintained where a penetration of a required fire resistant wall, floor or partition will be made for electrical, gas, mechanical, plumbing and communication conduits, pipes and systems. Such plans shall also indicate in sufficient detail how the fire integrity will be maintained where required fire resistant floors intersect the exterior walls and where joints occur in required fire resistant construction assemblies
- 107.2.1.5 Site drawings.** Drawings shall show the location of all recorded easements, the proposed building or structure and of every existing building or structure on the site or lot. The Building Official is authorized to require proof of ownership, consent, or vacation from any applicant proposing construction within a recorded easement. The drawing shall also show the proposed foundation elevation and lot grading. Deviations from approved neighborhood lot grading plans will be allowed only under the following conditions:
1. A licensed professional certifies that the grading plan is acceptable in accordance with good engineering practices and that any excess run-off will not adversely affect adjacent property owners.
 2. Construction Services approves the deviation as not adversely affecting the overall drainage system.

The Building Official may require a boundary line survey prepared by a qualified surveyor

- 107.2.1.6 Hazardous occupancies.** The Building Official may require the following:
1. **General site plan.** A general site plan drawn at a legible scale which shall include, but not be limited to, the location of all buildings, exterior storage facilities, permanent access ways, evacuation routes, parking lots, internal roads, chemical loading areas, equipment cleaning areas, storm and sanitary sewer accesses, emergency equipment and adjacent property uses. The exterior storage areas shall be identified with the hazard classes and the maximum quantities per hazard class of hazardous materials stored.
 2. **Building floor plan.** A building floor plan drawn to a legible scale which shall include, but not be limited to, all hazardous materials storage facilities within the building and shall indicate rooms, doorways, corridors, exits, fire rated assemblies with their hourly rating, location of liquid tight rooms, and evacuation routes. Each hazardous material storage facility shall be identified on the plan with the hazard classes and quantity range per hazard class of the hazardous materials stored.
- 107.2.2 Means of egress.** The *construction documents* shall show in sufficient detail the location, construction, size and character of all portions of the *means of egress* including the path of the *exit discharge* to the *public way* in compliance with the provisions of this code. In other than occupancies in Groups R-2, R-3, and I-1, the *construction documents* shall designate the number of occupants to be accommodated on every floor, and in all rooms and spaces.
- 107.2.3 Exterior wall envelope.** *Construction documents* for all buildings shall describe the *exterior wall envelope* in sufficient detail to determine compliance with this code. The *construction documents* shall provide details of the *exterior wall envelope* as required, including flashing, intersections with dissimilar materials, corners, end details, control joints, intersections at roof, eaves or parapets, means of drainage, water-resistive membrane and details around openings.
- The *construction documents* shall include manufacturer's installation instructions that provide supporting documentation that the proposed penetration and opening details described in the *construction documents* maintain the weather resistance of the *exterior wall envelope*. The supporting documentation shall fully describe the *exterior wall* system which was tested, where applicable, as well as the test procedure used.
- 107.2.4 Site plan.** The *construction documents* submitted with the application for *permit* shall be accompanied by a site plan showing to scale the size and location of new construction and existing structures on the site, distances from *lot lines*, the established street grades and the proposed finished grades, as applicable, flood hazard areas, floodways, and *design flood* elevations; and it shall be drawn in accordance with an accurate boundary line survey. In the

case of demolition, the site plan shall show construction to be demolished and the location and size of existing structures and construction that are to remain on the site or plot. The *building official* is authorized to waive or modify the requirement for a site plan when the application for *permit* is for *alteration* or repair or when otherwise warranted.

107.2.4.1 Design flood elevations. Where *design flood* elevations are not specified, they shall be established in accordance with Section 1612.3.1.

107.2.4.2 For the purpose of inspection and record retention, site plans for a building may be maintained in the form of an electronic copy at the worksite. These plans must be open to inspection by the building official or a duly authorized representative, as required by the *Florida Building Code*.

107.3 Examination of documents.

The building official shall examine or cause to be examined each application for a permit and the accompanying documents, consisting of drawings, specifications, computations and additional data, and shall ascertain by such examinations whether the construction indicated and described is in accordance with the requirements of the technical codes and all other pertinent laws or ordinances.

Exceptions:

1. Building plans approved pursuant to s. 553.77(5) Florida Statutes and state-approved manufactured buildings are exempt from local codes enforcing agency plan reviews except for provisions of the code relating to erection, assembly or construction at the site. Erection, assembly and construction at the site are subject to local permitting and inspections. Photocopies of plans approved according to FAC 61-41.009, F.A.C. shall be sufficient for local permit application documents of record for the modular building portion of the permitted project.
2. Industrial construction on sites where design, construction and fire safety are supervised by appropriate design and inspection professionals and which contain adequate in-house fire departments and rescue squads is exempt, subject to local government option, from review of plans and inspections, providing owners certify that applicable codes and standards have been met and supply appropriate approved drawings to local building and fire-safety inspectors.

107.3.1 When the building official issues a permit, the building official shall endorse, in writing or by stamp, both sets of reviewed plans "Reviewed for Code Compliance." One set of reviewed drawings shall be retained by the building official and the other set shall be returned to the applicant. The permit drawings shall be kept at the site of work and shall be open to inspection by the building official or his authorized representative.

107.3.2 This code shall not require changes in the construction documents, construction or designated occupancy of a structure for which a lawful permit has been heretofore issued or otherwise lawfully authorized, and the construction of which has been pursued in good faith within 180 days after the effective date of this code and has not been abandoned.

107.3.3 Phased approval. The *building official* is authorized to issue a *permit* for the construction of foundations or any other part of a building or structure before the *construction documents* for the whole building or structure have been submitted, provided that adequate information and detailed statements have been filed complying with pertinent requirements of this code. The holder of such *permit* for the foundation or other parts of a building or structure shall proceed at the holder's own risk with the

building operation and without assurance that a *permit* for the entire structure will be granted.

107.3.4 Design professional. If the design professional is an architect or engineer legally registered under the laws of this state regulating the practice of architecture or engineering, then he/she shall affix his official seal to said drawings, specifications and accompanying data, as required by Florida Statute. The design professional shall be an architect or engineer legally registered under the laws of this State for the following:

1. All new construction not exempted by other provisions of this code.
2. All renovation of Group A, E, and I occupancies.
3. All renovations of any occupancy where the work is structural in nature as defined in the Florida Building Codes

For all claims of exemption from these requirements, the submittal shall bear the certification of the applicant that a specific legal exception permits its preparation by a person not so registered.

107.3.4.1 Work shall be installed in accordance with the approved construction documents, and any changes made during construction that are not in compliance with the approved construction plans shall be resubmitted for approval as an amended set of construction plans.

107.3.4.2 Reserved.

107.3.4.3 Certification by contractors authorized under the provisions of s. 489.115(4)(b) Florida Statutes shall be considered to be equivalent to sealed plans and specifications by a person licensed under Chapter 471 Florida Statutes or Chapter 481 Florida Statutes by local enforcement agencies for plans review for permitting purposes relating to compliance with the wind resistance provisions of the code or alternate methodologies approved by the Florida Building Commission for one- and two-family dwellings. Local enforcement agencies may rely upon such certification by contractors that the plans and specifications submitted conform to the requirements of the code for wind resistance. Upon good cause shown, local government code enforcement agencies may accept or reject plans sealed by persons licensed under Chapters 471, 481 or 489, Florida Statutes.

107.3.5 Minimum plan review criteria for buildings. The examination of the documents by the building official shall include the following minimum criteria and documents: a floor plan, site plan, foundation plan, floor/roof framing plan or truss layout and all exterior elevations:

Commercial Buildings:

Building

1. Site Requirements
 - parking
 - fire access
 - vehicle loading
 - driving/turning radius

- Fire hydrant/water supply/Post Indicator Valve (PIV)
 - set back/separation (assumed property lines) location of specific tanks, water lines and sewer lines
 - Flood hazard areas, flood zones, and design flood elevations.
2. Occupancy group and special occupancy requirements shall be determined.
 3. Minimum type of construction shall be determined (Table 503).
 4. Fire resistant construction requirements shall include the following components:
 - fire resistant separations
 - fire resistant protection for type of construction protection of openings and penetrations of rated walls
 - fire blocking and draftstopping
 - calculated fire resistance
 5. Fire suppression systems shall include:
 - early warning
 - smoke evacuation systems schematic
 - fire sprinklers
 - standpipes
 - pre-engineered systems
 - riser diagram
 6. Life Safety systems shall be determined and shall include the following requirements:
 - occupant load and egress capacities
 - smoke control
 - stair pressurization
 - systems schematic
 7. Occupancy Load/Egress Requirements shall include:
 - Occupancy load
 - gross
 - net
 - means of egress
 - exit access
 - exit
 - exit discharge
 - stairs construction/geometry and protection
 - doors
 - emergency lighting and exit signs
 - specific occupancy requirements
 - construction requirements
 - horizontal exits/exit passageways
 8. Structural requirements shall include:
 - soil conditions/analysis
 - termite protection
 - design loads
 - wind requirements
 - building envelope
 - structural calculations (if required)
 - foundation
 - Flood requirements in accordance with Section 1612, including lowest floor elevation, enclosures, flood damage-resistant materials

- wall systems
 - floor systems
 - roof systems
 - threshold inspection plan
 - stair systems
9. Materials shall be reviewed and shall at a minimum include the following:
- wood
 - steel
 - aluminum
 - concrete
 - plastic
 - glass
 - masonry
 - gypsum board and plaster
 - insulating (mechanical)
 - roofing
 - insulation
10. Accessibility requirements shall include the following:
- site requirements
 - accessible route
 - vertical accessibility
 - toilet and bathing facilities
 - drinking fountains
 - equipment
 - special occupancy requirements
 - fair housing requirements
11. Interior requirements shall include the following:
- interior finishes (flame spread/smoke develop)
 - light and ventilation
 - sanitation
12. Special systems
- elevators
 - escalators
 - lifts
13. Swimming Pools
- barrier requirements
 - spas
 - wading pools
14. Floodplain Management
- base-flood (BFE) and lowest floor elevations shown
 - Floodproofing certificate by design professional if lowest floor is below the base-flood elevation
 - No Rise Certification if within the regulatory floodway
 - operating procedures for placement of materials (e.g. flood shields or gates) for floodproofing operations
 - manufacture's certification of the use of flood-resistant materials
 - hydrostatic vents if required

- foundation shown to anchor against flotation and protected against other hydrostatic forces
- foundation shown to be protected against hydrodynamic force if within the Floodway or Velocity Zone
- utility supply systems certified to be flood resistant or placed above the elevation required elevation
- sanitary sewerage and potable water systems designed to minimize infiltration of flood waters
- mechanical venting (e.g. below slab for ranges and/or dryers) have the exterior exit opening above required elevation
- elevation certificate or survey with lowest floor at job site (for new construction) before slab/prior to framing inspection
- substantial improvement/damage

Velocity Zone (additional requirements)

- soil-boring and load-bearing analysis
- wave deflection analysis for obstructions below BFE (see Chapter 3 of this Code)
- area below the design-flood elevation (required elevation) designed for only parking of vehicles, building access, or storage
- area below the required elevation void of appliances
- lowest horizontal member above required elevation
- break-away walls or lattice work below lowest horizontal member
- enclosed area below the required elevation not climate controlled
- no fill for structural support
- no partitioned rooms below the required elevation
- riser diagram for exterior appliances and equipment showing equipment is secured and properly elevated
- grade beams below calculated erosion and/or scour depth

Electrical

1. Electrical
 - wiring
 - services
 - feeders and branch circuits
 - overcurrent protection
 - grounding
 - wiring methods and materials
 - GFCIs
2. Equipment
3. Special Occupancies
4. Emergency Systems
5. Communication Systems
6. Low-voltage
7. Load calculations
8. Required elevation, in flood hazard areas

Plumbing

1. Minimum plumbing facilities
2. Fixture requirements

3. Water supply piping
4. Sanitary drainage
5. Water heaters
6. Vents
7. Roof drainage
8. Backflow prevention
9. Irrigation
10. Location of water supply line
11. Grease traps
12. Environmental requirements
13. Plumbing riser
14. Required elevation, in flood hazard areas

Mechanical

1. Energy calculations
2. Exhaust systems
 - clothes dryer exhaust
 - kitchen equipment exhaust
 - specialty exhaust systems
3. Equipment
4. Equipment location
5. Make-up air
6. Roof-mounted equipment
7. Duct systems
8. Ventilation
9. Combustion air
10. Chimneys, fireplaces and vents
11. Appliances
12. Boilers
13. Refrigeration
14. Bathroom ventilation
15. Laboratory
16. Required elevation, in flood hazard areas

Gas

1. Gas piping
2. Venting
3. Combustion air
4. Chimneys and vents
5. Appliances
6. Type of gas
7. Fireplaces
8. LP tank location
9. Riser diagram/shut-offs
10. Required elevation, in flood hazard areas

Demolition

1. Asbestos removal

Residential (One- and Two-Family):

Building

1. Site requirements
 - setback/separation (assumed property lines)
 - location of septic tanks
 - lot grading
2. fire resistant construction (if required)
3. fire
4. smoke detector locations
5. Egress
 - egress window size and location
 - stairs construction requirements
6. Structural requirements shall include:
 - wall section from foundation through roof, including assembly and materials
 - connector tables
 - wind requirements
 - structural calculations (if required)
7. Accessibility requirements:
 - show/identify accessible bath
8. Floodplain Management
 - lowest floor at or above the required elevation
 - base-flood (BFE) and lowest floor elevations shown
 - No Rise Certification if within the regulatory floodway
 - manufacture's certification of the use of flood-resistant materials
 - hydrostatic vents if required, minimum of two openings (1 sq in/1 sq ft exposed area); unless, the size of openings have been engineered based upon the rate of rise of floodwater for the source of flooding for the site
 - foundation shown to anchor against flotation and protected against other hydrostatic forces
 - foundation shown to be protected against hydrodynamic force if within the Floodway or Velocity Zone
 - non-partitioned space below the required elevation
 - no appliances below required elevation
 - enclosed area below the required elevation not climate controlled
 - riser diagram for exterior appliances and equipment showing equipment is above required elevation
 - utility supply systems certified to be flood resistant or placed above the required elevation
 - sanitary sewerage and potable water systems designed to minimize infiltration of flood waters
 - mechanical venting (e.g. below slab for ranges and/or dryers) have the exterior exit opening above required elevation
 - elevation certificate or survey with lowest floor at job site (for new construction) before slab/prior to framing inspection

Velocity Zone (additional requirements)

 - soil-boring and load-bearing analysis
 - wave deflection analysis for obstructions below BFE (see Chapter 3 of this Code)
 - lowest horizontal member above the required elevation

- break-away walls or lattice work below lowest horizontal member
 - enclosed area below the required elevation not climate controlled
 - no grade beams below required elevation; unless, shown to be below the scour line pursuant to FEMA standards
 - no fill for structural support
 - no partitioned rooms below the required elevation
 - riser diagram for exterior appliances and equipment showing equipment is secured and properly elevated
9. Impact resistant coverings or systems.

Manufactured / Mobile Homes

1. Site requirements
 - setback/separation (assumed property lines)
 - location of septic tanks
 - lot grading
2. Structural
 - wind zone
 - anchoring
 - blocking
3. Mechanical
 - Exhaust systems
 - ✓ clothes dryer exhaust
 - ✓ kitchen equipment exhaust
4. Electrical
 - exterior disconnect location
5. Required elevation and, as applicable, minimum plan review criteria for floodplain management specified for Residential.

Exemptions. Plans examination by the building official shall not be required for the following work:

1. Replacing existing equipment such as mechanical units, water heaters, etc.
2. Re-roofs
3. Minor electrical, plumbing and mechanical repairs.
4. Annual maintenance permits
5. Prototype plans
 - except for local site adaptations, siding, foundations and/or modifications
 - except for structures that require waiver
6. Manufactured building plans except for foundations, accessibility criteria, and modifications of the building site.

107.4 Amended construction documents. Work shall be installed in accordance with the approved construction documents, and any changes made during construction that are not in compliance with the approved construction documents shall be resubmitted for approval as an amended set of construction documents.

107.5 Retention of construction documents. One set of approved construction documents shall be retained by the building official for a period of not less than 180 days from date of completion of the permitted work, or as required by Florida Statutes.

- 107.6 **Affidavits.** The building official may accept a sworn affidavit from a registered architect or engineer stating that the plans submitted conform to the technical codes. For buildings and structures, the affidavit shall state that the plans conform to the laws as to egress, type of construction and general arrangement and, if accompanied by drawings, show the structural design and that the plans and design conform to the requirements of the technical codes as to strength, stresses, strains, loads and stability. The building official may, without any examination or inspection, accept such affidavit, provided the architect or engineer who made such affidavit agrees to submit to the building official copies of inspection reports as inspections are performed and upon completion of the structure, electrical, gas, mechanical or plumbing system has been erected in accordance with the requirements of the technical codes. Where the building official relies upon such affidavit, the architect or engineer shall assume full responsibility for compliance with all provisions of the technical codes and other pertinent laws or ordinances. The building official shall ensure that any person conducting plans review is qualified as a plans examiner under Part XII of Chapter 468, Florida Statutes.

107.6.1 **Building permits issued on the basis of an affidavit.** Pursuant to the requirements of federal regulation for participation in the National Flood Insurance Program (44 C.F.R. Sections 59 and 60), the authority granted to the Building Official to issue permits, to rely on inspections, and to accept plans and construction documents on the basis of affidavits and plans submitted pursuant to Section 105.14 and Section 107.6, shall not extend to the flood load and flood resistance construction requirements of the *Florida Building Code*.

Formatted: Font color: Black

SECTION 108 TEMPORARY STRUCTURES AND USES

- 108.1 **General.** The building official is authorized to issue a permit for temporary structures and temporary uses. Such permits shall be limited as to time of service, but shall not be permitted for more than 180 days. The Building Official is authorized to grant extensions for demonstrated purposes.
- 108.2 **Conformance.** Temporary structures and uses shall conform to the structural strength, fire safety, means of egress, accessibility, light, ventilation, and sanitary requirements of this code as necessary to ensure the public health, safety and general welfare.
- 108.3 **Temporary Power.** The Building Official is authorized to give permission to temporarily supply and use power in part of an electric installation before such installation has been fully completed and the final Certificate of Completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat, or power in Chapter 27 of the Florida Building Code – Building.
- 108.4 **Termination of approval.** The Building Official is authorized to terminate such permit for a temporary structure or use, and to order the temporary structure or use to be discontinued.

SECTION 109 FEES

- 109.1 **Prescribed fees.** A permit shall not be issued until fees authorized under s. 553.80 Florida Statutes have been paid. Nor shall an amendment to a permit be released until the additional fee, if any, due to an increase in the estimated cost of the building, structure, electrical, plumbing, mechanical or gas systems, has been paid.

- 109.2 Schedule of Permit Fees.** On all buildings, structures, electrical, plumbing, mechanical and gas systems or alterations requiring a permit, a fee for each permit shall be paid as required at the time of obtaining the permit or submitting the filing application, as appropriate and in accordance with the schedule as established by the Board of County Commissioners, which is the applicable governing authority.
- 109.3 Building permit valuations.** If, in the opinion of the Building Official, the valuation of building, alteration, structure, electrical, gas, mechanical or plumbing systems appears to be underestimated on the application, permit shall be denied, unless the applicant can show detailed estimates to meet the approval of the Building Official. Permit valuations shall include total cost, such as electrical, gas, mechanical, plumbing equipment and other systems, including materials and labor. The permit valuation may be calculated using the latest Building Valuation Data published by the International Code Council or other applicable model code organization, at the option of the Building Official.
- 109.4 Work commencing before permit issuance.** Any person who commences any work on a building, structure, electrical, gas, mechanical or plumbing system before obtaining the Building Official's approval or the necessary permits shall be subject to a penalty of 100 percent of the usual permit fee in addition to the required permit fee. The payment of such fees shall not relieve any persons from fully complying with the requirements of this code in the execution of the work nor from any other penalties prescribed by this code. This provision shall not apply to emergency work when delay would clearly have placed life or property in imminent danger. But in all such cases, the chief of the appropriate inspection discipline must be notified of the work as soon as possible and the required permit(s) must be applied for within three (3) business days.
- Exceptions:
1. Where extenuating circumstances are justified, the Building Official may allow an extension of the permit application deadline.
 2. For just causes, and in cases involving extreme circumstances and unusual hardship, the Building Official may waive the 100 percent penalty fee.
- 109.5 Accounting.** The building official shall keep a permanent and accurate accounting of all permit fees and other monies collected, the names of all persons upon whose account the same was paid, along with the date and amount thereof.
- 109.5.1 Types of Fees Enumerated.** Fees may be charged for, but not limited to, the following:
 Permits;
 Plans Examination;
 Certificates of competency (including fees for applications, examinations, renewal, late renewal, and reciprocity);
 Reinspections;
 Administrative fees (including fees for investigative and legal costs incurred in the context of certain disciplinary cases heard by the board);
 Variance requests;
 Administrative appeals;
 Violations.
- 109.6 Fees Not Refundable.** Fees paid for permits are not refundable, except under one (1) of the following conditions:
1. The permit was issued for a location not within the Building Official's jurisdiction.

2. The permit fee was incorrectly calculated by Building and Construction Services and the calculated fee exceeds the actual fee.
3. Other refund criteria as contained in the Board of County Commissioners Board Policy 03.04.01.03 (Refund Policy).

109.6.1 Building permit valuations. If, in the opinion of the Building Official, the valuation of building, alteration, structure, electrical, gas, mechanical or plumbing systems appears to be underestimated on the application, permit shall be denied, unless the applicant can show detailed estimates to meet the approval of the Building Official. Permit valuations shall include total cost, such as electrical, gas, mechanical, plumbing equipment and other systems, including materials and labor. The permit valuation may be calculated using the latest Building Valuation Data published by the International Code Council or other applicable model code organization, at the option of the Building Official.

SECTION 110 INSPECTIONS

- 110.1 General.** Construction or work for which a permit is required shall be subject to inspection by the building official and such construction or work shall remain accessible and exposed for inspection purposes until approved. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Neither the building official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.
- 110.2 Preliminary Inspection.** Before issuing a permit, the Building Official may examine or cause to be examined any building, electrical, gas, mechanical, or plumbing systems for which an application has been received for a permit to enlarge, alter, repair, move, demolish, install, or change the occupancy. The official shall inspect all buildings, structures, electrical, gas, mechanical and plumbing systems, from time to time, during and upon completion of the work for which a permit was issued. The official shall make a record of every such examination and inspection and of all violations of the technical codes.
- 110.3 Required inspections.** The building official upon notification from the permit holder or his agent shall make the following minimum inspections, and shall either release that portion of the construction or shall notify the permit holder or his agent of any violations that must be corrected in order to comply with the technical codes. The building official shall determine the timing and sequencing of when inspections occur and what elements are inspected at each inspection.

Building

1. **Foundation inspection.** To be made after trenches are excavated and forms erected and shall at a minimum include the following building components:
 - stem-wall
 - monolithic slab-on-grade
 - piling/pile caps
 - footers/grade beams
 A foundation survey prepared and certified by a registered surveyor shall be required for all new construction prior to approval of the framing inspection. The survey shall certify placement of the building on the site, illustrate all surrounding setback dimensions,

identification of the flood zone, base flood elevation, and elevation for the lowest floor, and shall be available at the job site for review by the building inspector. In lieu of providing a survey, the contractor may elect to uncover all property line makers and string up all property lines in preparation for inspection. The foundation survey may be required prior to the foundation inspection if there is reason to believe the required setbacks are not being met.

1.1 Slab Inspection. To be made after the reinforcement is in place and all conduit, piping, ducts and vents, electrical, plumbing and mechanical work to be concealed by concrete is complete. Inspection shall be passed prior to placement of concrete.

Flood Elevation. A copy of the elevation certificate or a survey prepared and certified by a registered architect, engineer, or surveyor that establishes the lowest floor shall be available for review at the job site before approval of the slab inspection for all new construction in the Special Flood Hazard Area (SFHA).

2. **Framing inspection.** To be made after the roof, all framing, fireblocking and bracing is in place, all concealing wiring, all pipes, chimneys, ducts and vents are complete and shall at a minimum include the following building components:
 - window/door framing and installation
 - vertical cells/columns
 - lintel/tie beams
 - framing/trusses/bracing/connectors
 - draft stopping/fire-blocking
 - curtain wall framing
 - energy insulation
 - accessibilityVerify rough openings are within tolerances

3. **Sheathing inspection.** To be made either as part of a dry-in inspection or done separately at the request of the contractor after all roof and wall sheathing and fasteners are complete and shall at a minimum include the following building components:
 - roof sheathing
 - wall sheathing
 - sheathing fasteners
 - roof/wall/dry-in
 - 3.1 **Dry-In Inspection.** For projects utilizing an exterior finish of Portland Cement Plaster (stucco) over framed construction or siding, a dry-in inspection shall be performed after the sheathing inspection and prior to plastering for stucco or prior to installation of siding. This inspection shall include:
 - vapor barrier installation (overlap)
 - flashing installation (including Z-channel)
 - metal lath installation
 - control joint installation

4. **Roofing inspection:** shall at a minimum include the following building components:
 - dry-in
 - insulation
 - roof coverings
 - flashing

- 4.1 **Insulation inspection:** required after all windows and doors are installed and the structure is ready for drywall. At a minimum, this inspection shall include:
- Wall insulation
 - Baffles (if required)
5. **Final inspection.** To be made after the building is completed and ready for occupancy and prior to the issuance of a Certificate of Occupancy.
- 5.1 In flood hazard areas, as part of the final inspection, a final certification of the lowest floor elevation shall be submitted to the authority having jurisdiction.
6. **Swimming pool inspection:**
- First inspection to be made after excavation and installation of reinforcing steel, bonding and main drain and prior to placing of concrete.
 - Final inspection to be made when the swimming pool is complete and all required enclosure requirements are in place.
 - In order to pass final inspection and receive a certificate of completion, a residential swimming pool must meet the requirements relating to pool safety features as described in Section 454.2.17 of the FBC – Building.
7. **Demolition inspections:**
- First inspection to be made after all utility connections have been disconnected and secured in such manner that no unsafe or unsanitary conditions shall exist during or after demolition operations.
 - Final inspection to be made after all demolition work is completed.
8. **Manufactured Building inspections.** The building department shall inspect construction of foundations; connecting buildings to foundations; installation of parts identified on plans as site installed items; joining the modules; including utility crossovers; utility connections from the building to utility lines on site; and any other work done on site that requires compliance with the Florida Building Code. Additional inspections may be required for public educational facilities. (see section) (453.27.20 FBC Building)
- 8.1 In flood hazard areas, as part of the final inspection, a final certification of the lowest floor elevation shall be submitted to the authority having jurisdiction.
9. Where impact-resistant coverings are installed to meet requirements of this code, the building official shall schedule adequate inspections of impact-resistant coverings to determine the following:

The system indicated on the plan was installed.

The system is installed in accordance with the manufacturer's installation instructions and the product approval.

Electrical

1. **Underground inspection.** To be made after trenches or ditches are excavated, conduit or cable installed, and before any backfill is put in place.
2. **Rough-In inspection.** To be made after the roof, framing, fire-blocking and bracing is in place and all wiring and other components to be concealed are in place and prior to the installation of wall or ceiling membranes.

3. **Final inspection.** To be made after the building is complete, all required electrical fixtures are in place and properly connected or protected, and the structure is ready for occupancy.

Plumbing

1. **Underground inspection.** To be made after trenches or ditches are excavated, piping installed, and before any backfill is put in place.
2. **Rough-In inspection.** To be made after the roof, framing, fire-blocking and bracing is in place and all soil, waste and vent piping is complete, and prior to the installation of wall or ceiling membranes.
3. **Final inspection.** To be made after the building is complete, all required plumbing fixtures are in place and properly connected, and the structure is ready for occupancy.

Note: See Section P312 of the Florida Building Code, Plumbing for required test.

Mechanical

1. **Underground inspection.** To be made after trenches or ditches are excavated, underground duct and fuel piping installed, and before any backfill is put in place.
2. **Rough-In inspection.** To be made after the roof, framing, fire-blocking and bracing is in place and all ducting and other concealed components are complete, and prior to the installation of wall or ceiling membranes.
3. **Final inspection.** To be made after the building is complete, the mechanical system is in place and properly connected, and the structure is ready for occupancy.

Gas

1. **Rough piping inspection.** To be made after all new piping authorized by the permit has been installed, and before any such piping has been covered or concealed or any fixtures or gas appliances have been connected.
2. **Final piping inspection.** To be made after all piping authorized by the permit has been installed and after all portions which are to be concealed by plastering or otherwise have been so concealed, and before any fixtures or gas appliances have been connected. This inspection shall include a pressure test.
3. **Final inspection.** To be made on all new gas work authorized by the permit and such portions of existing systems as may be affected by new work or any changes, to insure compliance with all the requirements of this code and to assure that the installation and construction of the gas system is in accordance with reviewed plans.

110.3.1 Reserved.

- 110.3.1.1 **Impact-resistant coverings of systems.** Where impact-resistant coverings or systems are installed to meet requirements of this code, the building official shall schedule adequate inspections of impact-resistant coverings or systems to determine the following:

1. The system indicated on the plans was installed.

2. The system is installed in accordance with the manufacturer's installation instructions and the product approval.

110.3.2 Reserved.

110.3.3 Reinforcing steel and structural frames. Reinforcing steel or structural framework of any part of any building or structure shall not be covered or concealed without first obtaining a release from the building official.

110.3.4 Termites. Building components and building surroundings required to be protected from termite damage in accordance with Section 1503.7, Section 2304.13 or Section 2304.11.6, specifically required to be inspected for termites in accordance with 2114, or required to have chemical soil treatment in accordance with 1816 shall not be covered or concealed until the release from the building official has been received.

110.3.5 Shoring. For threshold buildings, shoring and associated formwork or falsework shall be designed and inspected by a Florida Licensed Professional Engineer, employed by the permit holder or subcontractor, prior to any required mandatory inspections by the Threshold Building inspector.

110.3.6 Fire- and smoke-resistant penetrations. Protection of joints and penetrations in fire-resistant-rated assemblies, smoke barriers and smoke partitions shall not be concealed from view until inspected and approved.

110.3.7 Threshold Building

110.3.7.1 The enforcing agency shall require a special inspector to perform structural inspections on a threshold building pursuant to a structural inspection plan prepared by the engineer or architect of record. The structural inspection plan must be submitted to the enforcing agency prior to the issuance of a building permit for the construction of a threshold building. The purpose of the structural inspection plan is to provide specific inspection procedures and schedules so that the building can be adequately inspected for compliance with the permitted documents. The special inspector may not serve as a surrogate in carrying out the responsibilities of the building official, the architect, or the engineer of record. The contractor's contractual or statutory obligations are not relieved by any action of the special inspector.

110.3.7.2 The special inspector shall determine that a professional engineer who specializes in shoring design has inspected the shoring and reshoring for conformance to the shoring and reshoring plans submitted to the enforcing agency. A fee simple title owner of a building which does not meet the minimum size, height, occupancy, occupancy classification or number of stories criteria which would result in classification as a threshold building under 553.71(7) Florida Statutes, may designate such building as a threshold building, subject to more than the minimum number of inspections required by the Florida Building Code.

110.3.7.3 The fee owner of a threshold building shall select and pay all costs of employing a special inspector, but the special inspector shall be responsible to the enforcement agency. The inspector shall be a person certified,

licensed, or registered under chapter 471 Florida Statutes as an engineer or under chapter 481 Florida Statutes as an architect.

- 110.3.7.4** Each enforcement agency shall require that, on every threshold building:
- 110.3.7.4.1** The special inspector, upon completion of the building and prior to the issuance of a Certificate of Occupancy, file a signed and sealed statement with the enforcement agency in substantially the following form: "To the best of my knowledge and belief, the above-described construction of all structural load bearing components complies with the permitted documents, and the shoring and reshoring conforms to the shoring and reshoring plans submitted to the enforcement agency."
 - 110.3.7.4.2** Any proposal to install an alternate structural product or system to which building codes apply are to be submitted to the enforcement agency for review for compliance with the codes and made part of the enforcement agency's recorded set of permit documents.
 - 110.3.7.4.3** All shoring and reshoring procedures, plans and details are to be submitted to the enforcement agency for recordkeeping. Each shoring and reshoring installation shall be supervised, inspected and certified to be in compliance with the shoring documents by the contractor.
 - 110.3.7.4.4** All plans for the building which are required to be signed and sealed by the architect or engineer of record contain a statement that, to the best of the architect's or engineer's knowledge, the plans and specifications comply with the applicable minimum building codes and the applicable fire-safety standards as determined by the local authority in accordance with this section and 633 Florida Statutes.
- 110.3.7.5** No enforcing agency may issue a building permit for construction of any threshold building except to a licensed general contractor, as defined in s. 489.105(3)(a) Florida Statutes, or to a licensed building contractor, as defined in s. 489.105(3)(b) Florida Statutes, within the scope of his or her license. The named contractor to whom the building permit is issued shall have the responsibility for supervision, direction, management and control of the construction activities on the project for which the building permit was issued.
- 110.3.7.6** The Building and Construction Services may allow a special inspector to conduct the minimum structural inspection of threshold buildings required by this code, s. 553.73 Florida Statutes, without duplicative inspection by the building department. The Building Official is responsible for ensuring that any person conducting inspections is qualified as a building inspector under part XII of Chapter 468, Florida Statutes, or certified as a special inspector under Chapter 471 or Chapter 481, Florida Statutes. Inspections of threshold

buildings required by s. 553.79(5), Florida Statutes, are in addition to the minimum inspections required by this code.

110.3.8 Reinspection. Failure to be found in compliance during any requested inspection may result in a reinspection and associated fee and/or a penalty fee for each violation of the technical codes observed. A re-inspection fee shall be charged for each additional visit unless otherwise approved by the building official.

110.3.8.1 Plaster fire protection. In all buildings where plaster is used for fire protection purposes, the permit holder or his agent shall notify the building official after all lathing and backing is in place. Plaster shall not be covered or concealed from view without first obtaining a release from the building official.

110.3.8.2 Site Debris

1. The contractor and/or owner of any active or inactive construction project shall be responsible for the clean-up and removal of all construction debris or any other miscellaneous discarded articles prior to receiving final inspection approval. Construction job sites must be kept clean, such that excessive accumulation of construction debris must not remain on the property for a period of time exceeding 14 days.
2. All debris shall be kept in such a manner as to prevent it from being spread by any means.

110.3.8.3 Fire resistant joints and penetrations. The protection of joints and penetrations in required fire resistant construction assemblies shall not be covered or concealed from view without first obtaining a release from the building official.

110.3.9 Special Inspections. Reserved

110.3.10 Final Inspection. Reserved

110.4 Inspection Agencies. The Building Official may make, or cause to be made, the inspections required by the code. The official may accept reports of State of Florida certified inspectors not employed by the County, provided that after investigation, the official is satisfied as to their qualifications and reliability and they are registered with the Building and Construction Services. Registration will be granted to those certified inspectors who meet the guidelines established by the appropriate Board of Adjustment, Appeals and Examiners and may be rescinded for cause. A registration fee equal to that for registered contractors shall be charged at the time of registration. A certificate called for by any provision of the technical codes shall not be based on the report of a registered inspector unless the same are in writing and certified by that inspector. The Building Official shall ensure that all persons making such inspections shall be certified in accordance with Chapter 468, Florida Statutes.

110.5 Inspection Requests. It shall be the duty of the holder of the permit or their duly authorized agent to notify the building official when work is ready for inspection. It shall be the duty of the permit holder to provide access to and means for inspections of such work required by this code.

110.6 Approval Required. Work shall not be done on any part of a building, structure, electrical, gas, mechanical or plumbing system beyond the point indicated in each successive inspection without first obtaining a written release from the building official. Such written release shall be given only after

an inspection has been made of each successive step in the construction or installation as indicated by each of the foregoing inspections. Any portions that do not comply shall be corrected and such portion will not be covered or concealed until authorized by the building official.

- 110.6.1 Manufacturers and fabricators.** When deemed necessary by the Building Official, the official shall make, or cause to be made, an inspection of materials or assemblies at the point of manufacture or fabrication. A record shall be made of every such examination and inspection and of all violations of the technical codes.
- 110.6.2 Inspections prior to issuance of Certificate of Occupancy or Completion.** The building official shall inspect or cause to be inspected, at various intervals, all construction or work for which a permit is required, and a final inspection shall be made of every building, structure, electrical, gas, mechanical or plumbing system upon completion, prior to the issuance of the Certificate of Occupancy or Certificate of Completion. In performing inspections, the building official shall give first priority to inspections of the construction, addition, or renovation to, any facilities owned or controlled by a state university, state community college, public school district, or designated critical facilities.
- 110.6.3 Posting of permit.** Work requiring a permit shall not commence until the permit holder or his agent posts the permit card in a conspicuous place near the front of the premises or in an easily identifiable central location. The permit shall be protected from the weather and located in such position as to permit the building official or representative to conveniently make the required entries thereon. This permit card shall be maintained in such position by the permit holder until the Certificate of Occupancy or Completion, or final inspection approval is received when the work will not result in a Certificate of Occupancy or Completion, is issued by the building official.

SECTION 111 CERTIFICATES OF OCCUPANCY AND COMPLETION

- 111.1 Use and Occupancy.** No building or structure shall be used or occupied, and no change in the existing occupancy classification of a building or structure or portion thereof shall be made until the building official has issued a certificate of occupancy therefore as provided herein. Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction.
Exception: Certificates of occupancy are not required for work exempt from permits under Section 105.2
- 111.2 Certificate Issued.** After the building official inspects the building or structure and finds no violations of the provision of this code or other laws that are enforced by the department, the building official shall issue a certificate of occupancy that contains the following:
1. The building permit number.
 2. The address of the structure.
 3. The name and address of the owner.
 4. A description of that portion of the structure for which the certificate is issued.
 5. A statement that the described portion of the structure has been inspected for compliance with the requirements of this code for the occupancy and division of occupancy and the use for which the proposed occupancy is classified.
 6. The name of the building official.

7. The edition of the code under which the permit was issued.
8. The use and occupancy, in accordance with the provisions of Chapter 3 of the FBC.
9. The type of construction as defined in Chapter 6 of the FBC.
10. The design occupant load.
11. If an automatic sprinkler system is provided, whether the sprinkler system is required.
12. Any special stipulations and conditions of the building permit.
13. For buildings and structures in flood hazard areas, a statement that documentation of the as-built lowest floor elevation has been provided and is retained in the records of the Building and Construction Services

111.3 Temporary/Partial occupancy. A temporary/ partial Certificate of Occupancy may be issued for a portion or portions of a building that may safely be occupied prior to final completion of the building. The building official shall set a time period with an established fee during which the temporary certificate of occupancy is valid.

111.4 Certificate of Completion. Upon satisfactory completion of a building, structure, electrical, gas, mechanical or plumbing system, a certificate of completion may be issued. A certificate of completion is proof that a structure or system is complete and for certain types of permits is released for use and may be connected to a utility system. This certificate does not grant authority to occupy or connect a building, such as a shell building, prior to the issuance of a Certificate of Occupancy. Certificates of Completion may be issued for the following types of projects:

1. **New Commercial Building Shell:** A certificate of completion shall be issued after all final inspections have been approved and the fees paid. The issuance of a certificate of completion allows permits to be obtained for the completion of the interior tenant spaces. Occupancy of any part of the building is not permitted until a certificate of occupancy is issued in accordance with section 111.2 for the finished spaces. {Permanent power for the building shall not be released to the utility company until the first tenant space has been issued a certificate of occupancy.}
2. **New Residential Building Shell:** A certificate of completion shall be issued after all rough-in inspections have been approved and the fees paid. The issuance of a certificate of completion allows permits to be obtained for the completion of the residential dwelling. Occupancy of any part of the building is not permitted until a certificate of occupancy is issued in accordance with section 111.2.
3. **Existing Buildings:** Any construction project involving the repair, remodeling, renovation, or alteration of an existing residential or commercial building or structure, which is not part of a change of occupancy, as defined in this chapter, may be issued a certificate of completion. Upon specific request, the certificate of completion shall be issued when all permits associated with the construction project have been granted final approval and all fees have been paid.

111.5 Revocation. The building official is authorized to, in writing, suspend or revoke a certificate of occupancy or completion issued under the provisions of this code wherever the certificate is issued in error, or on the basis of incorrect information supplied, or where it is determined that the building or structure or portion thereof is in violation of any ordinance, regulation, or any of the provisions of this code.

SECTION 112 SERVICE UTILITIES

- 112.1 **Connection of service utilities.** No person shall make connections from a utility source of energy, fuel or power to any building or system which is regulated by the technical codes for which a permit is required, or to devices and appliances to be used in connection with any carnival or show, or in any place, tent or building to be used as a temporary place of assembly, until released by the building official and a Certificate of Occupancy or Completion is issued.
- 112.2 **Temporary connection.** The building official may authorize the temporary connection of the building or system to the utility source of energy, fuel or power for the purpose of testing building service systems or for use under a temporary Certificate of Occupancy.
- 112.3 **Authority to disconnect service utilities.** The building official shall have the authority to authorize disconnection of utility service to the building, structure, or system regulated by this code and the referenced codes and standards set forth in Section 101.4 in case of emergency where necessary to eliminate an immediate hazard to life or property or when such utility connection has been made without approval required by Section 112.1 or 112.2. The building official shall notify the serving utility, and whenever possible the owner and occupant of the building, structure or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner or occupant of the building, structure or service system shall be notified in writing, as soon as practical thereafter.

SECTION 113 CONSTRUCTION BOARD OF ADJUSTMENT AND APPEALS

- 113.1 **Appointment.** Independent Boards of Adjustment, Appeals, and Examiners shall be created to address building, plumbing, mechanical, electrical, and gas related matters. The Building, Electrical, and Mechanical Boards shall consist of seven regular members and two alternate members. The Plumbing and Gas Board shall consist of seven regular members and four alternate members. The membership of the alternates for the Plumbing and Gas Board shall include at least two members from the gas trades. The board members shall be appointed by the governing bodies of the jurisdictions that choose to use the County's boards and enter into an interlocal agreement with Hillsborough County. The Construction Board of Adjustment and Appeals as defined within this Code is the Building Board of Adjustment, Appeals and Examiners as defined within the Hillsborough County Land Development Code.
- 113.2 **Membership.** The Building Official or his appointed representative shall act as the non-voting executive director of each board. All board members shall be residents of Hillsborough County. Such board members should be composed of individuals with knowledge and experience in the technical codes, such as design professionals, contractors, or building industry representatives and at least one member from the general public. A board member shall not act in a case in which he has a personal or financial interest. Specific board membership shall include a minimum representation and additional representation from any source. The minimum representation shall be as follows:

Building Board

The Building Board also serves as the County's Flood Damage Control Board and is used interchangeably with the Building Board of Adjustment, Appeals and Examiners within this Code. The Flood Damage control Administrator shall work in concert with the Building Official and serve as a representative to the Flood Damage Control Board.

1. Four contractors including at least one roofing and one swimming pool contractor.
2. One State of Florida Registered Architect.

3. One State of Florida Registered Professional Engineer qualified to work in the area of structural engineering.
4. One representative from the Building Trades.

Electrical Board

1. Three Electrical Contractors.
2. Two State of Florida Registered Professional Engineers qualified to work in the area of electrical engineering.
3. One representative from an Electrical Utility Company.
4. One representative from the Electrical Trades.

Plumbing and Gas Board

1. Three Master Plumbers.
2. One representative from the Plumbing and Gas Trades.
3. One representative from the Hillsborough County Health Department.
4. One State of Florida Registered Professional Engineer qualified to work in the area of sanitary or mechanical engineering.
5. One State Licensed Liquid Petroleum Installer or Master Gas Fitter.

Mechanical Board

1. One Mechanical Contractor.
2. Two Class "A" HVAC Contractors.
3. One Class "B" HVAC Contractor.
4. One State of Florida Registered Professional Engineer qualified to work in the area of mechanical engineering.
5. One representative from the mechanical trades.
6. One Sheet Metal Contractor.

113.2.1 Terms. The terms of office of the regular board members shall be four years and shall be staggered so that no more than 1/3 of the regular board membership is appointed or replaced in any 12-month period. The alternates shall serve two-year terms. Vacancies shall be filled for an unexpired term in the manner in which original appointments are required to be made. Board members absent from more than two consecutive required meetings without just cause shall be removed from office. Board members unable to continue membership because of change in status or personal reasons shall notify the executive director of the board in writing. Board members may be removed for cause, at the discretion of the appointing body, at any time.

113.2.2 Quorum and Voting. No official Board business shall be conducted without a quorum. The presence of at least four regular and/or alternate members of a board shall constitute a quorum. In varying any provision of this code or taking disciplinary action, the affirmative votes of the majority present, but not less than three affirmative votes, shall be required. In modifying a decision of the Building Official, not less than four affirmative votes shall be required. The total number of board members voting on any issue, except board policies or procedures, may not exceed seven members. When more than seven board members are present, voting priority will first be given to the regular members and then to alternate members based on individual board procedures.

113.2.3 Secretary of Board. The Building Official or his or her designee shall act as secretary of the board and shall cause a detailed record to be made of all its proceedings, which shall

set forth the reasons for its decision, the vote of each member, the absence of a member, and any failure of a member to vote.

- 113.2.4 Record of the Proceedings.** An audio recording of the meeting will constitute the official record of the proceedings. Any person desiring to appeal a decision rendered by the board with respect to any matter considered at such meeting or hearing, and if he or she will need a verbatim record of the proceedings for such purpose, he or she will be responsible for ensuring that such record of the proceedings is made.

113.3 Powers

The Boards of Adjustments, Appeals, and Examiners shall have the following powers:

1. To satisfy itself as to the character and integrity of each applicant for a Certificate of Competency by requiring any information it deems necessary, including but not limited to, summary of experience, employment history, record of any law violations, credit rating, and a photograph.
2. To determine through a review of the supporting data, whether an applicant meets the qualifications for the particular type of certificate applied for, and the approval to be examined for competency for those trade areas in which a Certificate of Competency is required.
3. To designate the authorized agencies or individuals deemed appropriate for the examination of all applicants for Certificates of Competency.
4. To hear the appeal of any person issued a citation for violating the provisions of this code or any other applicable construction laws against any person, firm, or corporation.
5. To give notice and hear charges of violations of the provisions of this code or any other applicable construction laws against any person, firm, or corporation.
6. To impose disciplinary action authorized by the code as provided in Chapter 489 of the Florida Statutes and Chapter 61G4-20.001 of the Florida Administrative Code on any contractor, firm, corporation, partner, office, director, trustee, or member of a firm or corporation for which a contractor is a qualifying agent, if found by the Board to have violated any of the provisions of this code or any other applicable construction laws.
7. To issue orders commanding whatever steps necessary to bring a violation into compliance.
8. To hear the appeal of any person who may be aggrieved by any ruling or order of the Building Official or Fire Marshal.
9. To hear the appeal of any person issued a citation for violating Sections 489.127 (1), and 489.132 (1) Florida Statutes, as provided in Section 489.127 (5), Florida Statutes.
10. To issue notices of hearing and subpoenas requiring the attendance of witnesses and production of evidence when the board has reasonable cause to believe that a violation of this code or any other applicable construction laws has occurred.
11. To administer oaths and to take, cross-examine, or call testimony and/or evidence the board deems necessary to carry out the provisions of this code.
12. To make recommendations to the Construction Industry Licensing Board regarding complaints against state certified or state registered contractors.
13. Adopt rules for the conduct of their hearings in accordance with the requirements outlined in Section 113.5 of this Code.

113.4 Administrative Appeals

- 113.4.1 Decision of the Building Official or Fire Marshal.** Any person or entity aggrieved by a decision of the Building Official or Fire Marshal under this code may make appeal to the appropriate Board of Adjustment, Appeals, and Examiners whenever any one of the following conditions are claimed to exist:

(See Chapter 3 for entities aggrieved by a decision of the Flood Damage Control Administrator.)

1. The Building Official rejected or refused to approve the mode or manner of construction proposed to be followed or materials to be used in the installation or alteration of a building, structure, or service system.
2. The provisions of this code do not apply to this specific case.
3. That an equally good or more desirable form of installation can be employed in any specific case.
4. The true intent and meaning of this code or any of the regulations hereunder have been misconstrued or incorrectly interpreted.

If the decision of the Building Official or Fire Marshal is to apply the provisions of the Florida Building Code, the Board of Adjustment, Appeals and Examiners may not alter the decision unless said Board determines that the application of such code is not reasonable. If the decision of the Building Official is to adopt an alternative to the code, the Board of Adjustment, Appeals and Examiners shall give due regard to the decision rendered by the Building Official and may modify that decision if the Board of Adjustment, Appeals and Examiners adopts a better alternative, taking into consideration all relevant circumstances. In any case in which the Board of Adjustment, Appeals and Examiners adopts alternatives to the decision rendered by the Building Official or Fire Marshal, such alternatives shall provide an equivalent degree of life safety and an equivalent method of construction as the decision rendered by the Building Official or Fire Marshal.

113.4.2 Variances. The appropriate Board of Adjustments, Appeals, and Examiners, when so appealed to and after a hearing, may vary the application of any provision of this code to any particular case when, in its opinion, the enforcement thereof would do manifest injustice and would be contrary to the spirit and purpose of this or the technical codes or public interest, and also finds all of the following:

1. The special conditions and circumstances exist which are peculiar to the building, structure, service system, or individual involved and which are not applicable to others.
2. That the special conditions and circumstances do not result from the action or inaction of the applicant.
3. That granting the variance requested will not confer on the applicant any special privilege that is denied by this code to other buildings, structures, service systems, or individuals.
4. That the variance granted is the minimum variance that will resolve the issue.
5. That the granting of the variance will be in harmony with the general intent and purpose of this code and will not be detrimental to the public health, safety, and general welfare.
6. If within special flood-hazard areas, that granting the variance also meets the requirements of section 301.3.9 of this Ordinance.

113.4.2.1 Conditions of the Variance. In granting the variance, the board may prescribe a reasonable time limit within which the action for which the variance is required shall be commenced or completed or both. In addition, the board may prescribe appropriate conditions and safeguards in conformity

with this code. Violation of the conditions of a variance shall be deemed a violation of this code.

113.4.2.2 Variances in Flood Hazard Areas. In addition to the requirements of this section, pursuant to section 553.73(5), Florida Statutes, the variance procedures contained in section 301.3.9 of this ordinance shall apply to requests submitted to the Building Official working in concert with the Flood Damage Control Administrator for variances to the provisions of Section 1612.4 of the *Florida Building Code, Building*, or, as applicable, the provisions of R322 of the *Florida Building Code, Residential*. This section shall not apply to Section 3109 of the *Florida Building Code, Building*.

- Formatted: Font: 11 pt, Font color: Black

113.4.3 Notice of Appeal. Petition for appeal of a Building Official or Fire Marshal decision shall be in writing and shall set forth a detailed basis for the appeal. Said Notice of Appeal shall be filed within 30 business days after a written decision is rendered by the Building Official or Fire Marshal. The petitioner shall be provided notice of the time, date, and location for the appeal hearing no less than ten days prior to the scheduled hearing. An appeals filing fee, as established by the Board of County Commissioners, shall be charged for such appeal hearings and will be refunded if the Building Official's or Fire Marshal's decision is not upheld.

113.4.4 Unsafe or Dangerous Buildings or Service Systems. In the case of a building, structure, or service system, which, in the opinion of the Building Official, is unsafe, unsanitary, or dangerous, the Building Official may, in his order, limit the time for such appeals to a shorter period.

113.5 Procedures of the Board

113.5.1 Rules and Regulations. The board shall establish rules and regulations for its own procedure not inconsistent with the provisions of this code and that are not in conflict with: (a) fundamental due process rights; (b) State law or applicable State rules or procedures; (c) County ordinances, resolutions, or policies; or (d) Building and Construction Services Department or support staff procedures, guidelines or policies. The board shall meet on call of the chairman but not less than four times each calendar year. The board shall meet within 30 calendar days after a written petition for appeal of a Building Official decision has been received.

113.5.2 Special Meetings of the Board. Special meetings of the board may be called by the Building Official or by the board itself. If called by the Building Official, the Building Official shall furnish board members, appropriate city and county departments, and the County Attorney's Office with at least seventy-two (72) hours advance notice of said meeting. The notice shall include the time, location, and summary of purpose for the meeting. If called by the board, the board shall announce at its scheduled hearing the date, time, location and purpose of said meeting.

113.6 Disciplinary Actions

113.6.1 Complaint. On its own action or on the written complaint of any person, Building and Construction Services may investigate any alleged violation(s) against any contractor which directly relates to the practice of contracting or the ability to practice contracting or any person alleged to have committed a substantial building code violation. All

complaints involving a violation of this code or any other applicable construction laws are to be filed with construction services on the appropriate form. Complaints must be received by construction services within four (4) years from the date of actual possession by the original owner, the date of issuance of the certificate of occupancy, the date of abandonment of construction if not completed, or the date of completion or termination of contract between the licensed contractor, professional engineer, or registered architect, whichever is latest. Construction Services is responsible for the investigation of a complaint only if: 1) it is in writing; 2) it is factually sufficient to show the nature of the alleged violation; 3) it is filed with construction services within one (1) year from the date of the events listed above; and 4) it is determined after review that probable cause exists to go forward to conduct an investigation. A) For complaints received by construction services after one (1) year and from within four (4) years from the date of the events listed above, the Building Official, in addition to requiring items (1 and 2) above, is authorized to require that a licensed engineer, architect, or other such individual, with accepted knowledge and experience in the technical codes, prepare construction documents detailing the nature of the alleged actions(s) giving rise to a potential violation. The Building Official will review the documents in determining whether probable cause exists to go forward to proceed with the complaint. B) For complaints received by construction services after the expiration of the required time periods described herein, the Building Official has the discretion to accept a complaint if, in his opinion, extenuating circumstances exists or he has reason to believe that on any building or premise that code violations are present making such building, structure, premise, gas, mechanical or plumbing system unsafe, dangerous, or an immediate hazard to life or property. The complaint shall be subject to the same requirements as described in subsection A. During a review for probable cause, construction services may request additional information or documentation from the complainant. If there is a question as to whether probable cause exists to go forward to conduct an investigation regarding an alleged violation, the final determination will be made by the County's Building Official. Construction Services must promptly furnish the subject violator, or the subject violator's attorney with a copy of the complaint or document that result in the initiation of a violation investigation. The subject violator may submit a written response or reports to construction services concerning the information contained in the complaint or document after receipt of notice regarding the complaint. If a matter is referred to the board for further action, the alleged violator's response shall be included in any documentation thereafter sent to the board for review.

113.6.2 Grounds for Revocation or Suspension. The following shall be grounds for disciplinary action, against a contractor, by any Board of Adjustment, Appeals, and Examiners, and shall not be affected by the lapse or suspension of a contractor's certificate by operation of law, by order of the Board of Adjustment, Appeals, and Examiners, by order of a court or by voluntary surrender of a certificate by the holder.

1. Evidence that a certificate or registration has been obtained by fraud or misrepresentation.
2. Conviction, regardless of adjudication, of any crime that directly relates to the practice of contracting or the ability to practice contracting, or for any offense under Chapters 782, 784, 787.01, 787.02, 787.025, 787.07, 796, 794.011, 798.02, 800, 812, 825, 847, 893, or 895 of the Florida Statutes. A contractor's failure to timely provide notice of his or her conviction to the building department constitutes a violation of this Code and may be used as a basis for disciplinary action against him or her.

3. Violation of Chapter 455 or 489, Part I, Florida Statutes.
4. Willful or deliberate disregard for or violations of the applicable codes or laws of the State or of any municipalities or counties thereof.
5. Aiding or abetting any uncertified or unregistered person, firm, or corporation with the intent to evade any provision of this code.
6. Knowingly combining or conspiring with an uncertified or unregistered person by allowing one's certificate or registration to be used by an uncertified or unregistered person.
7. Allowing a certificate of registration to be used by one or more companies without the certificate holder meeting the requirements as a qualifier for said companies.
8. Acting in the capacity of a contractor under any certificate or registration except in the name of the certificate holder or registrant.
9. Failing to comply with the provisions of this code.
10. Abandoning a construction project by terminating work on the project for a period of 30 days without notifying the prospective owner and the Building Official, unless just cause for such termination can be proved.
11. Making representation with respect to a project contract in which any one of the following is falsely indicted:
 - The work is bonded.
 - Payment has been made for all subcontracted work, labor, and materials.
 - Workers' compensation and public liability insurance are provided.
 - The scope of work proposed is a requirement of this code.
12. Evidence of **fraud, deceit, gross negligence, incompetency, or misconduct** in the practice of contracting.

Fraud occurs when there is an intentional perversion of the truth in order to induce someone to part with something of value;

Deceit occurs when a person has intentionally imposed a false idea or belief on another in order to obscure the truth and made with the intent of inducing action based on the false idea or belief;

Gross negligence occurs when a person intentionally fails to perform a manifest duty in reckless disregard of the consequences affecting the life or property of another;

Incompetency occurs when a person lacks ability or fitness to discharge a required duty, or is inadequate or unsuitable for a particular purpose and is unable to function properly in attempting to effectuate that purpose;

Misconduct occurs when a person has intentionally done wrong or has deliberately violated a law or regulation.

13. Failing to pay for any material or labor for any construction project after receipt of all or part of the contract price from the party for whom the work is performed, thereby causing a lien to be placed against the property in question, when the lien remains unsatisfied for a period of more than forty-five (45) days or is satisfied by the owner or his agent without reimbursement from the contractor within this period.

14. Making any material false statement in the application for a Certificate of Competency, renewal of certificate, or building permit.
15. Deviating from the approved plans and specifications or from the representation made in a permit application for a project without the consent of the party for whom the work is being performed and without the approval of the Building and Construction Services.
16. Contracting for work that is not within the scope of work allowed by the certification.
17. Failing to call for required inspections, including a final inspection, at the appropriate time.
18. Allowing any violation of this code to go uncorrected for more than thirty (30) consecutive days.
19. Failure to comply with an order issued by the board.

113.6.3 Disciplinary Hearings. The Building Official shall order service of a written notice of hearings to the alleged violator, if one or more of the grounds for revocation or suspension are alleged and sufficient evidence is available to establish probable cause.

113.6.3.1 Notice. The notice shall be served no less than ten (10) and nor more than thirty (30) calendar days prior to the scheduled hearing and shall incorporate and set out the following:

- a. The alleged grounds for disciplinary action;
- b. A copy of the administrative complaint;
- c. A statement that "failure to attend the hearing may result in an order being issued adverse to your interests";
- d. A statement that the alleged violator shall have the right to appear at such hearing, be represented by counsel, and present evidence and argument in support of their position;
- e. The time, date, and place of the scheduled hearing;
- f. A statement advising the alleged violator that any person desiring to appeal a decision by the board with respect to any matter considered at such meeting, and if he or she will need a verbatim record of the proceedings for such purpose, he or she will be responsible for ensuring that such record of the proceedings is made.

113.6.3.2 Service. All notices required by this subsection may be provided to the alleged violator by one of the following means: certified mail, return receipt requested; by hand delivery by the sheriff or other law enforcement officer, code enforcement officer or other person designated by the Board of County Commissioners; by leaving the notice at the violator's usual place of abode with some person of the household over fifteen (15) years of age, and informing such person of its contents. Service is sufficient in the case of commercial premises or business organizations if made by delivering a copy of the complaint or notice of violation to the manager or other person in charge, the agent of record, or as otherwise provided by general law. When an individual or a business organization cannot be served or located, then service is sufficient if made in one or more of the following ways: (1) by publication once a week for four (4) consecutive weeks in a newspaper of general circulation in the county of the alleged violator's last known address as it appears on the records of construction services. If no newspaper is published in that county, then notice may be published in a newspaper of

general circulation in Hillsborough County; or (2) by posting the notice for at least ten (10) calendar days prior to the hearing at the Hillsborough County Courthouse and providing a copy by first class mail, addressed to the alleged violator at the last known address furnished to Hillsborough County.

113.6.3.3 Postponements. All requests for postponements must be in writing and received by the jurisdiction bringing the action before the board at least five (5) calendar days prior to the scheduled hearing. A request for postponement must be delivered to the Building and Construction Services in writing and must state the specific reasons for the request. Requests received at least five (5) calendar days prior to the scheduled hearing will be granted one postponement as a matter of right. The party requesting the postponement shall not be required to be present at the scheduled board meeting. No hearing may be postponed more than once as a matter of right. Any postponement request not received by the Building and Construction Services at least five (5) calendar days prior to the scheduled hearing or any postponement request sought after the granting of the postponement as a matter of right shall be automatically heard by the board at its scheduled time for the hearing. The board has the discretion to continue the hearing date for good cause. If the board grants the postponement request, the board shall announce the date, time, and location of the continued hearing.

113.6.3.4 Conduct of the Hearing. The participants before the board at the hearing are county staff or other agencies, the alleged violator, the homeowner, and such other public witnesses with relevant testimony. During the hearing, the participants will have the opportunity to present evidence and argument and to be represented by counsel.

- a. All testimony must be given under oath. The person acting as the chair of the board is authorized to administer the oath.
- b. Irrelevant, immaterial, or unduly repetitious evidence shall be excluded.
- c. Hearsay evidence may be used for the purpose of supplementing or explaining other evidence, but it shall not be sufficient in itself to support a finding unless it would be admissible over civil objection in civil actions.
- d. Formal rules of evidence shall not apply but fundamental due process shall be observed.
- e. At the discretion of the board, the general public may have an opportunity to present oral testimony or written communications. If this evidence is considered by the board, the opposing party will be given an opportunity to challenge or rebut it.
- f. Documentary evidence may be received by the board provided a copy for each board member is furnished to construction services at least five (5) days prior to the hearing date. Documentary evidence not received by construction services at least five (5) working days prior to the hearing date may be disallowed by the board at its discretion.
- g. At the conclusion of the hearing, the board shall immediately deliberate in open session before the public. The board shall render an oral decision, which is approved by a majority of the board. The order may include a notice that must be complied with by a specified date or that a

fine or other action may be imposed if the order is not complied with by said date.

- h. The board shall make finding of fact to support each determination of guilt of an alleged violation. If the board determines that the individual charged is not guilty of an alleged violation, no further action is necessary.
- i. If the board determines that the violator is guilty of an alleged violation, the board may impose disciplinary action against the violator to the extent authorized by law.

113.6.4 Disciplinary Actions. Upon a finding that disciplinary action is justified, the Board of Adjustment, Appeals, and Examiners shall have the authority to take any of the following actions against a certificate of competency holder or a registered contractor:

1. Suspend the violator from all operations of contracting during a period fixed by the Board, but not to exceed five (5) years in duration from the date of such suspension. The board may allow the violator a reasonable time to complete any contracts that the contractor has under construction at the time of the suspension.
2. Revoke a Certificate of Competency or permitting privileges.
3. Limit the number of permits a contractor may be issued until the contractor shows proof of compliance with the provisions of this code.
4. Require a contractor to pursue continuing education in the construction trade beyond any standards necessary for the normal maintenance of his certification.
5. Place a contractor on probation.
6. Impose civil penalties pursuant to Section 489.127, Florida Statutes.
7. Order restitution for contracted items limited to the amount of the contract pursuant to Section 489.131(7), Florida Statutes.
8. Impose a fine up to five thousand dollars (\$5,000.00).
9. Assessment of administrative and/or investigation costs incurred by the County to prosecute the case.

Upon a finding that disciplinary action is justified, the board shall have the authority to take any of the following actions against a state certified contractor as part of the disciplinary process:

1. Deny, suspend, or revoke the authority of such certified contractor to obtain a permit or limit such authority to obtaining a permit or permits with specific conditions.
2. Assessment of administrative costs incurred by the County to prosecute the case.
3. Recommendation to the Construction Industry Licensing Board for further action that may be taken based upon the evidence obtained through the local disciplinary process indicating a violation.

In determining the disciplinary action to be taken, if any, the Board of Adjustment, Appeals and Examiners shall consider the following factors:

1. The gravity of the violation;
2. Any actions taken by the violator to correct the violation; and
3. Any previous violations committed by the violator.

113.6.4.1 Decisions and Final Orders. The Board of Adjustment, Appeals and Examiners shall, in every case, reach a decision without unreasonable or

unnecessary delay. The board's decision becomes effective upon signature execution by the chairman with the exception of the revocation or suspension of a contractor's permitting privileges. Each decision of the board shall be in writing in the form of a board order. Board Orders imposing disciplinary action against a contractor shall contain, at a minimum, the following: (1) a clear statement of the violations charged; (2) evidence that the contractor was given notice of the charge, and of an opportunity to appear and present evidence and testimony regarding the charges; (3) findings made by the disciplinary authority; (4) a statement of the penalty and any costs imposed against the contractor; (5) a recommended penalty to the Construction Industry Licensing Board for further action against the registered or state certified contractor, if appropriate; and (6) a clear statement informing the contractor of the right to appeal or challenge the board's recommendation to the Construction Industry Licensing Board. The Board's Order is final upon signature execution by the chairman.

- a. If the disciplinary proceeding involves a registered contractor, the board must issue a recommended penalty for Construction Industry Licensing Board action. The board's recommendation will be made part of the final order. The recommended penalty may include a recommendation for no further action, suspension, revocation, restitution, or restriction of the registration or a fine levied by the Construction Industry Licensing Board or a combination of these actions. The final order must inform the contractor or the complainant of the right to appeal the recommended penalty and of the consequences should the contractor choose not to appeal. The disciplined contractor or the complainant may challenge the board's recommended penalty to the Construction Industry Licensing Board within sixty (60) days after the issuance of the recommended penalty.
- b. Construction Services must inform the Construction Industry Licensing Board of the action taken by the board against any contractor, including the penalty imposed. Sending a copy of the board's final order along with a record of the proceedings to the Construction Industry Licensing Board will fulfill this requirement.
- c. If a decision of the board reverses or modifies a refusal, order, or disallowance of the Building Official or Fire Marshal, or varies the application of any provision of this code, the Building Official or Fire Marshal shall immediately take action in accordance with such decision upon signed execution of the final order.
- d. Every decision shall be promptly filed in writing in the office of the Building Official and shall be open to public inspection. A certified copy of the decision shall be sent by mail or otherwise to the aggrieved party. Orders of the board shall be final, subject however to such remedy the aggrieved party might at law or in equity.
- e. If a decision of the board includes suspension or revocation of permit pulling privileges, this portion of the decision regarding the violator's ability to obtain new permits will go into effect at the start of the next

business day following the board hearing, unless otherwise stated by the board. The violator shall be allowed to complete or resolve any unrelated open and /or pending permits issued by the County prior to the violator's board date.

- f. If a decision of the board includes the revocation or suspension of a Certificate of Competency, the violator will be given ninety (90) days from the date of the board's final order to complete or resolve any unrelated open and/or pending permits issued by the County prior to the board hearing date. The building official is authorized to grant the violator one or more extensions of time, not to exceed 180 days, provided work is considered to be in active process and the extension request is made in writing prior to the expiration of the permit(s) and justifiable cause is demonstrated.

113.6.4.2 Rehearing. Any person or entity aggrieved by a decision of the board may file a request for rehearing based on new evidence, not available at the original hearing. The motion shall be made prior to the deadline for the filing of an appeal to circuit court. The filing of such motion tolls the time for filing the appeal. In such cases, the request shall be presented to the appropriate Board of Adjustment, Appeals, and Examiners and the party making the request shall be notified at least ten days in advance of hearing date, place and time. If the Board decides to grant the request for rehearing, a notice shall be sent out to parties, which appeared and testified or presented evidence at the previous hearing. The notice shall include the time, date, and location of the rehearing. An administrative appeals filing fee shall be charged for such rehearing. The time for filing an appeal to circuit court shall begin anew in full upon the board's denial of such request.

113.6.4.3 Review. Any person or entity aggrieved by a final decision of the board may make appeal in any manner provided by law within thirty (30) business days of the board's decision to be appealed.

113.6.5 Reinstatement. The Board of Adjustment, Appeals, and Examiners may reinstate a Certificate of Competency that was suspended or a contractor's permitting privileges that were revoked or suspended by the board upon proof of compliance with a board order and current certification provisions of this code, if applicable, and extraordinary cause is demonstrated to warrant a reversal of the board's decision.

SECTION 114 VIOLATIONS AND PENALTIES

114.1 General.

Any person, firm, corporation or agent who shall violate a provision of this code, or fail to comply therewith, or with any of the requirements thereof, or who shall erect, construct, alter, install, demolish or move any structure, electrical, gas, mechanical or plumbing system, or has erected, constructed, altered, repaired, moved or demolished a building, structure, electrical, gas, mechanical or plumbing system, in violation of a detailed statement or drawing submitted and permitted thereunder, shall be guilty of a misdemeanor. Each such person shall be considered guilty of a separate offense for each and every day or portion thereof during which any violation of any of the

provisions of this code is committed or continued and upon conviction of any such violation such person shall be punished within the limits and as provided by State laws.

114.2 Civil Action

114.2.1 Penalties. The Building Official may issue a code enforcement citation to any person, firm or corporation believed to be in violation of any provision of this code. The activity and/or condition for which a citation is issued shall cease and/or be rectified upon receipt of the citation. A person, firm or corporation cited for a code violation is deemed to be charged with a noncriminal infraction of this code. Noncriminal infractions of this code carry the following civil penalty:

A fine of up to \$500.00 for each violation.

- a. The cited party shall pay the appropriate civil penalty within ten (10) working days. The Building Official shall notify the appropriate Board of Adjustment, Appeals and Examiners in writing, when a code violator has failed to take action on a citation within the time set. Failure of a violator to contest the citation within the time period set shall constitute a waiver of the violator's right to an administrative hearing. A waiver of the right to administrative hearing shall be deemed an admission of the violation. In such cases the Board of Adjustment, Appeals and Examiners may then enter an Order, affirming the citation and ordering the violator to pay the civil penalty set on the citation and a recording fee, without further hearing.
- b. Refusal to Accept a Citation. Any person who willfully refuses to sign and accept a citation issued by a code enforcement officer commits a misdemeanor of the second degree, punishable as provided in Chapter 775.082, Florida Statutes.
- c. Flood Damage Control Violations(s). If the violation(s) is to the Flood Damage Control Regulations, Chapter 3 of this code, or the flood provisions of the Florida Building Code, the Building Official or the Flood Damage Control Administrator may take action as cited within Chapter 3 of this Code. Such action may include having a request made to the Federal Emergency Management Agency (FEMA) to remove the respective property's eligibility of receiving benefits through the Federal Flood Insurance and disaster assistance programs.

114.2.2 Challenges. The validity of the citation may be questioned by submitting a written request to appear before the appropriate Board of Adjustment, Appeals and Examiners to challenge the citation. A written request to appear before the appropriate Board must be received at Building and Construction Services within ten (10) working days from the date on which the citation was issued and shall set forth a detailed basis for the appeal. Upon receipt of a properly submitted request to appeal a citation(s), Building and Construction Services shall set the matter for a board hearing in accordance with the provisions established in this code. If the Board finds that a violation exists, the Board shall order the violator to pay administrative costs incurred by the County in bringing the appeal and may order the violator to pay a civil penalty of not more than \$1,000.00 per day for each violation; or fine amounts set forth in Chapter 489.127, and in all cases not less than the amount set forth in the citation. In determining the amount of the civil penalty, the Board of Adjustment, Appeals and Examiners shall consider the following factors:

1. The gravity of the violation;
2. Any actions taken by the violator to correct the violation; and
3. Any previous violations by the violator.

114.2.3 Liens. A certified copy of a Board Order imposing a civil penalty and/or fine or an affirmation of a citation against a violator may be recorded in the public records of Hillsborough County, Florida, and thereafter, shall constitute a lien against land on which the violation exists and upon any other real or personal property owned by the violator. A civil penalty and/or fine imposed by a Board of Adjustment, Appeals and Examiners may accrue until the violator comes into compliance, pursuant to such point established by the Board Order or until judgment is rendered in a suit to foreclose on a lien filed pursuant to a Board Order, whichever occurs first. If any such lien which remains unpaid for a period of three months, the Board of County Commissioners may authorize its attorney to foreclose on the lien. No lien created pursuant to the provisions of this code may be foreclosed on real property, which is a homestead under Section 4, Article X of the State Constitution. A lien arising from a civil penalty and/or fine imposed pursuant to this section runs in favor of Hillsborough County Building and Construction Services and construction services may execute a satisfaction or release of lien upon proof of compliance of a Board Order.

SECTION 115 STOP WORK ORDER

- 115.1 Authority.** Whenever the Building Official finds any work regulated by this code being performed in a manner either contrary to the provisions of this code, or dangerous or unsafe, the Building Official is authorized to issue a Stop Work Order.
- 115.2 Issuance.** The Stop Work Order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. Upon issuance of a Stop Work Order, the cited work shall immediately cease. The Stop Work Order shall state the reason for the order, and the conditions under which the cited work will be permitted to resume.
- 115.3 Unlawful continuance.** Any person who shall continue any work after having been served with a Stop Work Order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by law.

SECTION 116 UNSAFE STRUCTURES AND EQUIPMENT

- 116.1 Unsafe buildings or systems.** All buildings, structures, electrical, gas, mechanical or plumbing systems which are unsafe, unsanitary, or do not provide adequate egress, or which constitute a fire hazard, or are otherwise dangerous to human life, or which in relation to existing use, constitute a hazard to safety or health, are considered unsafe buildings or service systems. All such unsafe buildings, structures or service systems are hereby declared illegal and shall be condemned by the Building Official. A written notice of such condemnation shall be issued to the owner, agent, occupant and/or tenant and the notice shall state the:
1. Unsafe conditions.
 2. Date by which abatement of the unsafe condition by repair and rehabilitation or by demolition must be completed.

If, in the opinion of the Building Official, conditions are so dangerous as to constitute an immediate threat to life or property, the owner, agent, occupant, tenant and/or supplier shall be so notified and directed to disconnect and/or shut-off all gas and/or electrical service immediately. The conditions causing the immediate threat shall be repaired, replaced and/or removed. Prior to reconnecting or turn-on of gas and/or electrical service, an inspection by Building and Construction Services will be required at the normal inspection fee schedule. The Building Official shall notify the office of the Fire Marshal as to any violations of the fire codes that have been discovered.

SECTION 117
GROUND SETTLEMENT INVESTIGATION AND REMEDIATION

- 117.1 Ground Settlement Investigation Permit.** A ground settlement investigation permit shall be obtained prior to ground settlement investigation being conducted on any property.
- 117.1.1 Application.** A property owner or his/her authorized agent shall file an application for a ground settlement investigation permit that shall contain the following information:
1. Names of all owners of property on which ground settlement investigation will be conducted
 2. Property address(es)
 3. Property folio number(s)
 4. Name and license number of Florida licensed professional engineer or Florida licensed professional geologist who will be performing the investigation
- 117.1.2 Time Limitation.** A ground settlement investigation permit shall expire 180 days after the date of issuance, however, the Building Official may grant extensions of up to 90 days at his/her discretion based upon just cause.
- 117.1.3 Licensed Professional.** A ground settlement investigation shall be conducted by a Florida licensed professional engineer or a Florida licensed geologist.
- 117.1.4 Ground Settlement Investigation and Post-Investigation Report.** After a ground settlement investigation has been conducted, the licensed professional who conducted the ground settlement investigation shall issue a written post-investigation report containing the following information.
1. Ground settlement investigation permit number
 2. Names of all owners of property on which ground settlement investigation was conducted
 3. Property address(es)
 4. Property folio number(s)
 5. A description of the investigation and tests performed
 6. A listing of all dates investigation and testing was performed
 7. Findings and conclusions as a result of the ground settlement investigation
 8. Recommended remediation of ground settlement for stabilizing the land including quantities of materials to be used
 9. Total number of pages of report
- 117.1.5 Filing and Completion.** After a ground settlement investigation has been conducted,

an original signed and sealed post-investigation report shall be recorded in the Official Records of Hillsborough County and submitted to the County, with evidence of recording, in order to complete and close out a ground settlement investigation permit.

117.2 Ground Settlement Remediation Permit. A ground settlement remediation permit shall be obtained prior to commencement of work to remediate ground settlement on any property.

Any building permit otherwise required by this Code shall be obtained separate from a ground settlement remediation permit.

117.2.1 Application. A property owner or his/her authorized agent shall file an application for a ground settlement remediation permit that shall contain the following information:

1. Names of all owners of property on which ground settlement remediation will be conducted
2. Property address(es)
3. Property folio number(s)
4. Ground settlement investigation permit number
5. Description of proposed remediation activities to be conducted
6. If proposed remediation activities differ from the recommended remediation contained in the ground settlement post-investigation report, an explanation for any such differences
7. Name and license number of Florida licensed professional engineer who will be directing or supervising the remediation work

117.2.2 Time Limitation. A ground settlement remediation permit shall expire 180 days after the date of issuance, however, the Building Official may grant extensions of up to 90 days at his/her discretion based upon just cause.

117.2.3 Licensed Engineer. Ground settlement remediation shall be conducted under the direction or supervision of a Florida licensed professional engineer.

117.2.4 Ground Settlement Remediation and Post-Remediation Report. After a ground settlement remediation has been performed, the licensed engineer under whose direction or supervision the ground settlement investigation was performed shall issue a written post-investigation report containing the following information:

1. Ground settlement investigation permit number
2. Ground settlement remediation permit number
3. Names of all owners of property on which ground settlement remediation was conducted
4. Property address(es)
5. Property folio number(s)
6. A description of all remediation activities that were conducted including quantity of materials used and the cost of all such materials and labor
7. If the remediation activities conducted differ from the proposed remediation activities described in the ground settlement remediation permit application, an explanation for any such differences
8. Total number of pages of report

117.2.5 Filing and Completion. After a ground settlement remediation has been conducted, an original signed and sealed post-remediation report shall be recorded in the Official Records of Hillsborough County and submitted to the County, with evidence of recording, in order to complete and close out a ground settlement remediation permit.

CHAPTER 2
CERTIFICATION

SECTION 201
GENERAL

201.1 **Scope**

All persons desiring to engage in, advertise, or in any other way infer or lead one to believe they are qualified to work in the business of contracting, or act in the capacity of any type of contractor or subcontractor in a trade regulated by either the State of Florida or by Hillsborough County, shall hold a valid and current Certificate of Competency issued by either the State of Florida or Hillsborough County, except as otherwise exempted by State law. Where required by Florida Statutes, contractors and subcontractors shall register their Certificates with the State. All contractors and subcontractors desiring to work in Hillsborough County, or any of the municipalities lying therein, shall be registered in Hillsborough County records to demonstrate proof of compliance with applicable licensing and permitting requirements and shall show proof of a \$5,000 Code Compliance Bond, in addition to any other bonding or financial requirement required by the State or County. Specific building trades requiring certification, required qualifications for certification, and the scope of work for these trades, shall be as delineated in the Interlocal Agreement between Hillsborough County and the City of Tampa dated June 1, 1987; the City of Temple Terrace dated March 3, 1999; and the City of Plant City dated March 27, 2000, and any subsequent amendments thereto as approved by Hillsborough County and the aforementioned Cities.

201.2 **Applications**

- 201.2.1** An applicant for a Certificate of Competency will provide the Building Official with the following:
1. An affidavit verifying the necessary length of experience that is related to the field in which competency is being sought. To comply with this requirement, an applicant must provide affidavit(s) attesting to the applicant's on the job training and type of work performed for the employer. The board, at its discretion, can accept alternative forms of experience verification.
 2. A history of employment.
 3. A summary of any outstanding judgments against the applicant with an explanation of the resolution of those judgments.
 4. A recent photograph.
 5. Payment of such certification and/or registration fees as may be prescribed by the Board of County Commissioners.
 6. A credit report from a nationally recognized credit bureau, if requested by the Building Official, not greater than six (6) months old, sent directly from the credit bureau to the County, detailing business and personal credit. A financial statement alone is not sufficient to satisfy this requirement. An authorization for the County to obtain any other necessary credit and police arrest report and payment of the reasonable fees the department establishes for obtaining those reports.
 7. Such other information as may be required by the appropriate Board of Adjustment, Appeals, and Examiners or the Building Official.

- 201.2.2 Application submission review.** Applications shall be reviewed by the Building Official or his representative prior to submission to the board for approval to sit for an examination for a Certificate of Competency. An applicant, who believes that additional evidence is required to fully support their application for board approval, shall provide the Building Official or his representative a copy of said evidence or documentation five (5) days prior to their hearing date. If the applicant fails to comply with this provision, the board reserves the right to exclude the evidence and render its decision accordingly.
- 201.3 Board Date.** It is the applicant's responsibility to be present or represented at the hearing date in order to address any questions or concerns the board may have after reviewing the application. Failure of an applicant to appear at this hearing may be grounds for a denial of the Certificate of Competency application.
- 201.3.1 Board Review of Certificate of Competency Application.** During a review of each application, the board will consider the following:
1. Whether the application is complete.
 2. Whether the applicant demonstrates the appropriate amount of trade experience.
 3. The applicant's business reputation, if applicable.
 4. Whether any disciplinary action(s) have been taken against the applicant's license, if applicable.
 5. Whether the applicant exhibits good moral character.
 6. Whether the applicant has shown financial responsibility with respect to personal and business finances.
 - a. Financial responsibility refers to the ability to safeguard that the public will not sustain economic loss resulting from a contractor's inability to pay his lawful obligations under the contract. The grounds upon which the board may deny an application for approval to sit for an examination for a Certificate of Competency for lack of financial responsibility may include the following:
 - a1. the existence of an unsatisfied court judgment rendered against the applicant based upon the applicant's failure to pay just obligation;
 - a2. an unfavorable credit report or history as indicated by any of the documents or lack of documents submitted by the applicant;
 - a3. evidence of uncollectible debt or accounts charged off as bad debt or a history of delinquent payments.
- 201.3.2 Quorum not Present.** In the event a quorum is not present at the scheduled time for application review at the Electrical, Mechanical, or Plumbing and Gas Board, the Building Official or his representative reserves the right to forward the application to the Building Board for board consideration of the Certificate of Competency Application.
- 201.4 Requirements for Certificate Issuance.** The Building Official or his representative will issue a Certificate of Competency upon proof as to all the following:
1. Board approval for a specific certificate of competency and successful passage of required exams, if applicable.
 2. Proof of workers' compensation coverage or an appropriate exemption in accordance with F.S. Chapter 440.
 3. Proof of payment of the Certificate of Competency fees.
- 201.5 Expiration of Application/Approval.** Certain information in the application package is subject to change. For that reason, any applicant that has not obtained his Certificate of Competency within 18

months of the original application date shall have their application and any approval by the Board voided and the application package shall be discarded.

- 201.6 Company.** An applicant may apply for a Certificate of Competency under the name of a firm or corporation, provided:
1. The applicant shall be an active partner or officer of the firm or corporation.
 2. The applicant shall not be allowed to use a Certificate of Competency under the name of more than one firm or corporation, except when authorized by the State Department of Business and Professional Regulation.
 3. The applicant meets all the requirements of Section 201.2.1 for an individual.
 4. The applicant provides the names and addresses of the officers and directors of the firm or corporation to the Building and Construction Services.
- 201.7 Examination.** The appropriate Board of Adjustment, Appeals and Examiners shall determine whether an applicant is qualified to be examined for competency for those trade areas in which it has reserved that responsibility. Those applicants approved for examination shall be charged a fee for each examination or re-examination application. If an approved applicant fails the first written examination, he may apply for re-examination at the next or subsequent regular examining date.
- 201.8 Change of Status.** All individuals and business organizations registered to conduct business in this county shall have a duty and obligation to inform construction services in writing of any change in business or legal status, place of business address, or mailing address or telephone number. Both the firm or corporation and the individual qualifying the firm or corporation must notify the within forty-eighty (48) hours if the Certificate of Competency holder is no longer an active partner or officer of that firm or corporation. Failure to do so will result in the appropriate party being suspended from obtaining permits for a period of one year. Provided timely notice is made, the firm or corporation shall have sixty days to complete any projects for which an outstanding permit based on the qualifying individual exists. The firm or corporation shall not engage in any new contracting activity until a new individual is authorized to qualify the firm or corporation for that purpose.
- 201.9 Reciprocity and Waiver of Testing.** An applicant for a Certificate of Competency, who is already certified in another State of Florida jurisdiction, shall be exempted for testing provided the applicant has taken the same test required locally, achieved the local passing score and provides the Building Official with the following:
1. A current copy of the applicant's state registration.
 2. A letter, mailed directly to the Building and Construction Services, from the jurisdiction where a Certificate of Competency is held, providing a statement as to the contractor's current status and identifying the type of test taken by the applicant and the test scores achieved.
 3. Board approval for the specific application for a Certificate of Competency.
- Any Hillsborough County licensed contractor desiring reciprocity with a participating Florida jurisdiction will be assessed a fee as identified in the most current fee schedule for each letter of certification sent to another jurisdiction by the County.
- 201.10 Certificate Renewal.** Certificates of Competency shall be renewed prior to their expiration date to remain valid. The applicant shall provide proof to the Building Official or his representative of any required continuing education credit earned during the term of then expiring certificate prior to renewal. If outstanding judgments against a contractor exist at the time of renewal, the Building Official or his representative shall refer the renewal application and said information to the

appropriate Board of Adjustment, Appeals and Examiners for approval prior to issuing a renewal of the certificate.

- 201.11 Certificate Reactivation.** Certificates of Competency that are inactive, delinquent, or suspended may be reactivated as follows:
- A. a Certificate of Competency holder whose certificate was inactive, suspended, or delinquent for less than two (2) years may be reactivated administratively by the Building Official upon review of the application and a finding that it meets the criteria set forth in this code;
 - B. a Certificate of Competency holder whose certificate was inactive, suspended, or delinquent for two (2) or more years must appear before the appropriate board to reactivate their certificate. The Board may require re-examination for renewal of any certificate which has been inactive, suspended, or delinquent for two (2) or more years; or
 - C. a Certificate of Competency holder whose certificate was inactive, suspended, or delinquent for five (5) or more years must appear before the board as a new applicant and be re-examined to actively renew their Certificate.

For purposes of this section, any holder of a certificate that has been inactive for more than two (2) years as of March 1, 2009, shall be deemed to have been inactive for two (2) years as of March 1, 2009. In addition, inactive, delinquent, or suspended certificate holders pursuant to subsections (A) or (B) above shall be required to show proof of completion of any applicable continuing education requirements that would have been applicable to such certificate had it been active. If outstanding judgments against a contractor exist at the time of reactivation, the Building Official or his representative shall refer the application and said information to the appropriate board for approval prior to issuing the certificate.

To renew or reactivate a delinquent or suspended certificate, the applicant shall pay a penalty of 100% of the established annual certification renewal fee, as prescribed by the Board of County Commissioners, for each quarter in arrears. The total penalty shall not exceed the amount, which would be charged for eight (8) quarters. Appearance before the board and retesting may be waived by the Building Official provided the applicant has held a current active license, in the same category, in another jurisdiction for the same period the certificate was delinquent or inactive in Hillsborough County.

SECTION 202 CONTRACTING

- 202.1 Signs.** Any person, firm or corporation engaged in the business of contracting in Hillsborough County and, if their vehicle bears the name of a contractor or business organization, or displays any artwork which would lead a reasonable person to believe that the vehicle is used for contracting, shall display a sign with minimum two inch high lettering on the place of business and on any motor vehicles used in the operation of the business. Such signs shall include the following at a minimum:
- 1. The name of the person, firm, or corporation qualified to offer contracting services.
 - 2. The State certification number or such other certification number as may be assigned by Building and Construction Services.
- 202.2 Representation.** It shall be unlawful for any person, firm or corporation that does not have a valid and current State or local Certificate of Competency to engage in the business of contracting or make representations, which would lead one to believe the person, firm or corporation was a contractor.

- 202.3 Advertising.** It shall be unlawful for any person, firm or corporation, to advertise or solicit business regulated by this code or State of Florida Statute, in any form without including a valid and current State or local Certificate of Competency number as part of such advertising or solicitation.
- 202.4 Contracting.** It shall be unlawful for any person, firm or corporation, to enter into any written contract, unless a valid and current State or local Certificate of Competency number is displayed on said contract.
- 202.5 Aiding and Abetting.** It shall be unlawful for any person, firm or corporation, to solicit, by any means or form, the services of any person, firm or corporation that has not been certified locally or by the State as a contractor, when the services so solicited are regulated by this code or a State of Florida Statute.
- 202.6** For purposes of this code, a person or a business organization operating on an inactive, delinquent, or suspended State or local Certificate of Competency is not duly certified or licensed and is considered unlicensed pursuant to applicable State and local laws. For purposes of this section, an inactive certificate is one that allows a contractor to maintain a Certificate of Competency while relinquishing the right to contract or pull permits during the period the certificate is on inactive status.

CHAPTER 3

FLOOD DAMAGE CONTROL REGULATIONS

301.1 General Provisions

- 301.1.1 Short Title.** This division shall be known and may be cited as the "Hillsborough County Flood Damage Control Regulations."
- 301.1.2 Lands to Which this Chapter Applies.** This Chapter shall apply to all areas of special flood hazard within unincorporated Hillsborough County.
- 301.1.3 Basis for Establishing the Areas of Special Flood Hazard.** Areas of special flood hazard identified by the Federal Emergency Management Agency (FEMA) in its Flood Insurance Study (FIS) for Hillsborough County and incorporated areas, with an effective date of August 28, 2008, including subsequent updates thereto, with the accompanying maps and other supporting data, are hereby adopted by reference and declared to be a part of this Chapter.
- 301.1.4 Designation of Flood Damage Control Administrator.** The Hazard Mitigation Manager is hereby authorized and directed to enforce the provisions of this Chapter in concert with the Hillsborough County Building Official, and is hereinafter referred to, and serves, as the Flood Damage Control Administrator pursuant to Section 9.01.03 of the Land Development Code.
- 301.1.5 Compliance.** No new construction or substantial improvements shall hereafter be located, extended, converted, or structurally altered, and no new development shall be undertaken, without full compliance with the requirements of this Chapter and the applicable requirements of the Florida Building Code, and other applicable laws and regulations, including but not limited to Section 404 of the Federal Water Pollution Control Act of 1972, 22 U.S.C. 1334. New construction and substantial improvement of buildings, structures and facilities that are exempt from the Florida Building Code are subject to the requirements of this Chapter. Failure to comply with the requirements of Chapter 3 shall provide cause to have an alleged violation forwarded to the Flood Damage Control Board for action, which may include providing authority to the Building Official or the Flood Damage Control Administrator to request the Federal Emergency Management Agency remove availability of Federal flood insurance for the subject property.
- 301.1.6 Abrogation and Greater Restrictions.** This Code is not intended to repeal, abrogate, or impair any existing easements, covenants, or deed restrictions. However, where this Code is in conflict with any part of this Code or another county, state or federal regulations, whichever imposes the more stringent restriction(s) shall prevail.
- 301.1.7 Interpretation.** In the interpretation and application of this Code, all provisions shall be:
1. consistent with, or more stringent than, minimum standards with the County's participation with the National Flood Insurance Program and the Hillsborough County Flood Insurance Study;
 2. considered as minimum requirements;
 3. liberally construed in favor of the governing body;
 4. where there is a conflict between this Code and minimum requirements with the standards of the National Flood Insurance Program, the more stringent shall apply;
 5. nothing in this code is intended to place Hillsborough County in violation with standards of the National Flood Insurance Program; and
 6. Deemed neither to limit nor repeal any other powers granted under state statutes.

301.1.8 Interpretation Warning and Disclaimer of Liability. The degree of flood protection required under this Code is considered reasonable for regulatory purposes and is based on scientific and engineering consideration. Larger floods can and will occur on rare occasions. Flood heights may be increased by man-made or natural causes. This Code does not imply that land outside the areas of special flood hazard or uses permitted within such areas will be free from flooding or flood damages. This Code shall not create liability on the part of the Hillsborough County Board of County Commissioners or by any officer or employee thereof for any flood damages that result from reliance on this Code or any administrative decision lawfully made hereunder.

301.1.9 Penalties for Violation.

1. Violations to the Flood Damage Control Regulations will be forwarded to the Flood Damage Control Board if the property owner fails to correct the violation as identified through an enforcement notice.
2. If the property owner fails to correct the violation as identified by a Flood Damage Control Board action, the Building Official in concert with the Flood Damage Control Administrator will take action as cited within this Code and may request the Federal Emergency Management Agency (FEMA) remove the respective property's eligibility of receiving benefits through the Federal Flood Insurance and disaster assistance programs.
3. Also, see Section 113 of this Code, Penalties for Violation.

301.1.10 Findings of Fact

1. The flood hazard areas of unincorporated Hillsborough County are subject to periodic inundation, which may result in loss of life and property, health and safety hazards, disruption of commerce and governmental services, extraordinary public expenditures for flood protection and relief, and impairment of the tax base, all of which adversely affect the public health, safety, and general welfare.
2. These flood losses are caused by the cumulative effect of obstructions in floodplains causing increases in flood heights and velocities, and by the occupancy in flood hazard areas by uses vulnerable to floods or hazardous to other lands that are inadequately elevated, flood-proofed, or otherwise unprotected from flood damages.

301.1.11 Purpose. It is the purpose of this Code to promote the public health, safety and general welfare and to minimize public and private losses due to flood conditions in specific areas by provisions designed to:

1. Protect human life and health;
2. Maintain Hillsborough County's participation with the National Flood Insurance Program to ensure residents and business owners can obtain Federal flood insurance;
3. Protect structures by having lowest floors, where appropriate, elevated at or above the design-flood elevation unless the structure complies with the requirements for dry floodproofing;
4. Minimize expenditure of public money for costly flood control projects;
5. Minimize the need for rescue and relief efforts associated with flooding and generally undertaken at the expense of the general public;
6. minimize prolonged business interruptions;
7. minimize damage to public facilities utilities such as water and gas mains, electric, telephone and sewer lines, roadways, and bridges and culverts located in floodplains;
8. help maintain a stable tax base by providing for the sound use and development of flood prone areas in such a manner as to minimize flood blight areas;
9. ensure that potential homebuyers are notified that property is in a flood hazard area;

10. to ensure property owners and contractors have information available regarding vertical elevation requirements and the ability to build to an elevation to provide benefits under the National Flood Insurance Program; and
11. ensure property owners are aware that Federal flood insurance is not available or structures built or substantially improved within an area designed as a Coastal Barrier Resources System pursuant to the Coastal Barrier Improvement Act of 1990 (Public Law 101-591).

301.1.12 Methods of Reducing Flood Losses. In order to accomplish its purpose, this Code includes methods and provisions for:

1. reviewing applications to determine whether proposed development will be reasonably safe from flooding;
2. restricting or prohibiting uses that are dangerous to health, safety, and property due to water or erosion hazards, or which result in damaging increases in erosion or in flood heights or velocities;
3. requiring that uses vulnerable to floods including facilities that serve such uses be protected against flood damage throughout their intended life;
4. controlling the alteration of natural floodplains, stream channels, and natural protective barriers, which help accommodate or channel flood waters;
5. controlling filling, grading, dredging, and other development that may increase flood damage; and
6. preventing or regulating the construction of flood barriers that will unnaturally divert flood waters or may increase flood hazards or adverse flooding impacts to other lands.

301.2 Standards and Criteria

301.2.1 Use of Other Base Flood Data. When base flood elevation data have not been provided in accordance with 301.1.3, the Flood Damage Control Administrator shall obtain, review, and reasonably utilize any base flood elevation data available from a federal, state, or other source, in order to administer this Chapter. The best available information shall be used in all cases in the administration of the Flood Damage Control regulations.

301.2.2 General Standards. In all areas of special flood hazards, all of the following provisions are required:

1. New construction and substantial improvement of buildings, structures and facilities exempt from the Florida Building Code shall comply with ASCE 24, *Flood Resistant Design and Construction*, and Chapter 3.
2. All new and replacement utility supply systems shall be designed to prevent contamination or damage by flood waters.
3. New and replacement sanitary sewerage systems shall be designed to minimize or eliminate infiltration of flood waters into the systems and discharges from the systems into flood waters and to prevent damage to treatment plant equipment by flood waters, and on-site waste disposal systems shall be located to avoid impairment or contamination during flooding.
4. Any alteration, repair, addition, reconstruction or improvements to a building shall have a Substantial Improvement Worksheet completed and submitted with construction plans for review and recording with the permit application.

301.2.3 Specific Standards (Zone A). Within Zones A, A1-30, AO, AH, and AE of the special flood hazard area where base flood elevation data is provided, all of the following provisions shall apply:

1. Within Zones A, A1-30, AE, AO, AH on the FIRM, adequate drainage paths around structures on slopes shall be provided to guide floodwaters around and away from proposed structures and shall

- be conducted pursuant to an approved plan or as otherwise approved by the County Engineer or designee.
2. The elevation requirements of Section R322 of the Florida Building Code, Residential and Section 1612.4 of the Florida Building Code Building, by reference to ASCE 24, apply except:
 - a. For new construction and substantial improvement of buildings that were permitted on or after March 1, 2002, the minimum required elevation shall be at or above the current-effective base flood elevation plus 6 inches.
 - b. For additions to existing buildings permitted before March 1, 2002 and that meet current elevation requirements, the minimum required elevation shall be at or above the current-effective elevation.
 3. Nonresidential Structures.
 - a. In addition to the requirements of the Florida Building Code, the elevation shall include adding six (6) inches to the minimum elevation requirement identified within ASCE 24-05 for dry floodproofed nonresidential buildings, and the construction documents for respective buildings shall include a Floodproofing Certificate that is prepared and submitted along with a corresponding operational and maintenance plan that is also maintained on the premise of the structure. On an annual basis following the issuance of a certificate of occupancy, a report shall be provided by the property owner or designee that identifies verification of components of said certification remain in compliance with this Code or maintenance has been conducted to maintain compliance with this Code. Following receipt of the report, the property owner or designee will request a site inspection to verify workability of said components.
 4. Areas Below Elevated Buildings. Where structures are elevated, the following requirements apply in addition to the requirements of the Florida Building Code:
 - a. Electrical service below the base flood elevation is permitted provided it is the minimum necessary for access lighting and it is connected by a ground fault interrupt breaker.
 - b. If enclosed by walls, the enclosed area shall not be partitioned into rooms; foundation (crawl space) walls may form more than one enclosed area.
 - c. Where the height between the floor of an enclosure and the bottom of the floor system of the building exceeds six (6) feet, or where the height between the ground or slab (including crawl space) and the bottom of the floor system above exceeds six (6) feet, an affidavit signed by the property owner shall be submitted with the permit application to acknowledge the prohibition of the conversion of the area below the lowest floor to a use or dimension contrary to the building's approved design unless subsequently approved under this Code. The permit application will not be processed without said affidavit being submitted and respective statements on approved plans.
 5. Standards for Manufactured Homes.
 - a. Manufactured homes shall be anchored to prevent flotation, collapse, or lateral movement.
 - b. All manufactured homes to be placed or substantially improved within Zones A1-30, AO, AH and AE on sites which are: (1) outside of a manufactured home park/subdivision; (2) in a new manufactured home park/subdivision; (3) in an expansion to an existing manufactured home park/subdivision; or (4) in an existing manufactured home park/subdivision on which a manufactured home has incurred substantial damage as a result of a flood, shall be elevated on a permanent foundation such that the lowest floor of the manufactured home, together with attendant utility systems, shall be elevated no lower than the base flood elevation plus six (6) inches and be securely anchored to an adequate foundation system to resist flotation, collapse and lateral movement and in accordance with the provisions of FEMA Bulletin 85, or subsequent replacement documents, for the anchoring of manufactured homes.
 - c. All manufactured homes to be placed or substantially improved in an existing manufactured home park or subdivision within Zones A1-30, AH, AO, and AE, that are not subject to the provisions of paragraph 6 (a) of this Section, must be elevated so that either:

- (i) the lowest floor of the manufactured home, together with attendant utility systems, is elevated to at least the base flood elevation plus six (6) inches; or
 - (ii) the manufactured home chassis is supported by reinforced piers or other foundation elements of at least an equivalent strength that are no less than 36 inches in height above the grade, designed and constructed to evenly distribute the load, and be securely anchored to an adequate foundation system to resist floatation, collapse and lateral movement and in accordance with the provisions of FEMA Bulletin 85, or subsequent replacement documents, for the anchoring of manufactured homes; and
 - (iii) duct work shall be placed above the design flood elevation or be certified as flood resistant.
- d. Areas below elevated manufactured homes shall comply with the requirements of subsection 301.2.3(4), above.
- e. New manufactured home parks, subdivisions, and expansions to existing parks/subdivisions (where the repair, reconstruction, or improvement of the streets, utilities, and pads equal or exceed fifty percent (50%) of the value before improvement commenced) and existing manufactured homes not placed in a manufactured park/subdivision require:
- (i) stands or lots be elevated on compacted fill or structures elevated on pilings so that the lowest floor of the manufactured home and servicing equipment and ductwork (unless ductwork is certified as flood resistant) will be no less than the base flood elevation plus six (6) inches; and
 - (ii) adequate surface drainage and access for a hauler are provided.
6. Recreation Vehicles or Temporary Construction Offices. A recreational vehicle or a temporary construction office are intended to remain ready for highway use if either are on its wheels or jacking system, is attached to the site only by quick disconnect type utilities and security devices, and has no permanently attached additions. All recreational vehicles or temporary construction offices placed on sites within Zones A1-30, AO, AH, and AE must either:
- a. be on the site for fewer than 180 consecutive days;
 - b. be fully licensed and ready for highway use; or
 - c. meet the requirements for new construction, including anchoring and elevation and non-elevation requirements for manufactured homes or meet requirements under paragraph 6 of this Section.
7. Floodways. When floodways are designated within areas of special flood hazard on the Flood Insurance Rate Map or within the Flood Insurance Study, additional criteria shall be met. Since the floodway is an extremely hazardous area due to the velocity of flood waters, which carry debris, potential projectiles, and has erosion potential. Notwithstanding any of the above, the following provisions shall apply:
- a. Encroachment or placement of an obstruction is prohibited, including fill, new construction, substantial improvements (includes replacement of an existing manufactured home, unless it is a DCA Certified modular home), mounded septic systems, docks, and other development unless it has been demonstrated through a no-impact analysis (hydrologic and hydraulic analyses that are also referred to as a No Rise Impact Analysis) with supporting technical data submitted by a State of Florida Registered Engineer demonstrating that the proposed encroachment shall not result in any increase in flood levels within the community during the occurrence of the base flood discharge.
 - b. If Section 301.3.7 of this Code is satisfied, all new construction and substantial improvements shall comply with all applicable flood hazard reduction provisions of this Code.
 - c. The placement, or replacement, of any manufactured home, except in a pre-FIRM manufactured home park or subdivision that has not had a manufactured home flooded, is prohibited within the designated floodway.
8. Standards for streams or riverine systems, A Zones without established Base Flood Elevation, or floodways located within the areas of special flood hazard where streams exist for which no base

flood elevation data or regulatory floodway has been provided by FEMA or the County, the following provisions shall apply:

- a. All new subdivision proposals and other proposed developments (including proposals for manufactured home parks and subdivisions) greater than fifty (50) lots or five (5) acres, whichever is less, include within such proposals base flood elevation data.
 - b. All new construction and substantial improvements shall meet elevation requirements of this Chapter. Information that shall be submitted and maintained and shall include:
 - (i) required elevation (in relation to the mean sea level) of the lowest floor (including the basement) of all new and substantially improved structures, and
 - (ii) non-residential structure floodproofing certificate and information in accordance with the requirements of this Chapter and the elevation in relation to the mean sea level to which the structure has been floodproofed.
 - c. Notify, in riverine situations, adjacent communities where streams or rivers enter or leave boundaries and the State NFIP Coordinating Office prior to any alteration or relocation of a watercourse, and submit copies of such notifications to FEMA along with an application of Letter of Map Revision.
 - d. Assure that the flood carrying capacity within an altered or relocated portion of any watercourse is maintained, unless mitigated pursuant to this Chapter, the Land Development Code, the Development Review and Procedures Manual, and the Stormwater Technical Manual. Variations to requirements within Chapter 3 of this Code shall be approved pursuant to Section 301.3.9 of this Chapter.
 - e. Manufactured homes shall be installed using methods and practices that minimize flood damage and meet elevation requirements. They must be elevated and anchored to prevent flotation, collapse, or lateral movement.
 - f. Require for riverine areas without a regulatory floodway boundary defined on the Flood Insurance Rate Map, that no new construction, substantial improvements, or other development (including fill) shall be permitted within Zones A1-30 and AE on the community's FIRM, unless it is demonstrated that the cumulative effect of the proposed development, when combined with all other anticipated development, will not increase the water surface elevation of the base flood more than one foot at any point within the community.
 - g. Require compensation storage pursuant to minimum standards within the Hillsborough County Stormwater Technical Manual and with Hillsborough County's participation with the National Flood Insurance Program, and within this Chapter, Section 301.3.4.
9. Coastal A Zones are those A and AE zones shown on the Flood Insurance Rate Map (FIRM) and within the Flood Insurance Study (FIS) that have been identified through standard engineering practices to have potential breaking waves less than three (3) feet in height. The waves in these areas have sufficient force to modify the landscape and damage or destroy the built environment if not properly designed and constructed to counter such forces. Pursuant to ASCE standards referenced within the Florida Building Code, new construction or substantial improvements must be designed to have considered, in addition to other requirements of this ordinance, effects from erosion and scour, and to have considered appropriate factors necessary to resist flotation, collapse, and lateral movement due to the effect of wind and water loads action simultaneously on all building components. Designs for meeting this requirement must be performed by design professionals, who are required to certify their work through sealing and signing drawings and any other documents (i.e., calculations, etc.) as is appropriate by regulations.

301.2.4 Standards for Subdivision Proposals and Site Development Proposals. In flood hazard areas the following requirements apply:

1. All subdivision proposals and site development proposals shall be consistent with the need to minimize flood damage.

2. All subdivision proposals and site development proposals shall have public utilities and facilities such as sewer, gas, electrical and water systems located and constructed to minimize flood damage.
3. All subdivision proposals and site development proposals shall have adequate drainage provided to reduce exposure to flood hazards.
4. Design and base flood elevation data shall be provided for subdivision proposals and other proposed developments, including manufactured home parks and subdivisions that exceed fifty lots or five acres, whichever is less.
5. All subdivision proposals must comply with all pertinent provisions of the Subdivision Regulations and all other applicable development regulations.
6. All subdivision lot-grading plans shall list both the NGVD 1929 and the NAVD 1988 vertical datum elevations, with appropriate conversion factor(s), required for an individual structure's lowest floor and base-flood elevations, where applicable, and the elevation shall be listed for easy identification for each lot until such time the County's Flood Insurance Rate Maps and Flood Insurance Study have elevations listed using the NAVD 1988 vertical datum. At such time, the vertical datum shall be listed using NAVD 1988 for new designs with construction plan approval.
7. All subdivision lot-grading plans' reported lowest floor elevations shall be used unless the lowest -floor elevation is below the current effective base-flood elevation; then, the respective lot's elevation shall be six-inches above the current effective base-flood elevation derived from the Flood Insurance Rate Map and, or, the Flood Insurance Study. Elevations from within the Flood Insurance Study shall be used if higher than that reported on the Flood Insurance Rate Map.

301.2.5 Specific Standards for Coastal High Hazard Areas (Zone V). Coastal High Hazard Areas are designated on the Flood Insurance Rate Map as Zones VI-30, VE, or V. These areas have special flood hazards associated with high velocity waters from hurricane surges. Therefore, in addition to the requirements of the Florida Building Code, the following provisions shall also apply:

1. The elevation requirements of Section R322 of the Florida Building Code – Residential, and Section 1612.4 of the Florida Building Code – Building, by reference to ASCE 24 apply except:
 - a. For new construction and substantial improvement of buildings that were permitted on or after March 1, 2002, the required elevation shall be at or above the base flood elevation plus six (6) inches.
 - b. For additions to existing buildings that were permitted before March 1, 2002 and that meet current elevation requirements, the minimum required elevation shall be at or above the current-effective elevation.
 - c. A licensed engineer shall have performed a soils and foundation analysis to determine the suitability of the soil to support the structure and submit background data for approval and recording with the permit application.
 - d. A design professional shall perform an analysis, or analyses, prior to allowable obstructions being designed to be placed into the V-zone. The analysis, or analyses, shall show that there shall be no impact with respect to ramping and, or, deflection of velocity waters, or erosion damage to the structure or nearby buildings. Respective analyses and background data shall be submitted for approval and recording with the permit application. The analysis, or analyses, shall be performed in conformance to standards identified within the U.S. Army Corps of Engineers' Coastal Shore Protection and the FEMA's Coastal Construction manuals. If impacts are to be mitigated, a variance in accordance with this Chapter and Code shall first be obtained prior to a permit application being granted. Mitigation techniques shall be a condition of a Flood Damage Control Board Order and shall be shown on construction plans and put into place prior to impacts.
 - e. Mechanical, electrical, or plumbing equipment shall not be installed below the design-flood elevation unless the electrical is the minimum required to operate entry access lighting that is connected through a ground-fault interrupt breaker circuit.

Formatted: Indent: Left: 1.5", Hanging: 0.25"

- f. Areas Below Elevated Buildings. The following requirements apply in addition to the requirements of the Florida Building Code:
- (i) Electrical service below the base flood elevation is permitted provided it is the minimum necessary for access lighting and it is connected by a ground fault interrupt breaker.
 - (ii) If enclosed by walls, the enclosed area shall not be partitioned into rooms and shall not be climate controlled.
 - (iii) Where the height between the floor of an enclosure and the bottom of the floor system of the building exceeds six (6) feet, or where the height between the ground or slab (including crawlspace) and the bottom of the floor system above exceeds six (6) feet, an affidavit signed by the property owner shall be submitted with the permit application to acknowledge the prohibition of the conversion of the area below the lowest floor to a use or dimension contrary to the building's approved design unless subsequently approved under this Code. The permit application will not be processed without said affidavit being submitted and respective statements on approved plans.
- g. Prohibit the use of fill for non-structural use, except when such does not exceed the elevation of the existing grade by more than three (3) inches or otherwise does not require a permit for minor ground stabilizing or landscaping purposes. No permit shall be issued for the use of fill in V-zone, as designated on the Flood Insurance Rate Map, unless it has been demonstrated through appropriate engineering analyses and background data has been submitted for recording with the permit application that the subject fill does not cause any adverse impacts to the structure on site or adjacent properties. Placement of fill that would result in an increase in the base flood elevation may be permitted, provided that the permit applicant first applies for a variance pursuant to Section 301.3.9 of this Chapter.
- h. Pursuant to the Federal Emergency Management Agency Technical Bulletin, Free-of-Obstructions Requirements, prohibit obstructions underneath and outside of the perimeter, except as identified in the following:
- (i) Access stairs and elevators: Access stairs and elevators attached to or beneath an elevated building are excluded from the breakaway requirement but must be of flood-resistant materials. Access stairs and elevators need not be breakaway; however, potential loads generated by these obstructions must be identified and accounted for within the design of the building. If access stairs are enclosed, walls shall be minimum required and shall be built pursuant to paragraph 11.g. of this Chapter. Further requirements regarding elevators can be found in the Federal Emergency Management Agency Technical Bulletin 4, "Elevator Installation;"
 - (ii) Bulkheads, rip-rap, seawalls, and similar: Any of these items beneath or adjacent to a coastal building, whether or not it is attached to the foundation system, is an obstruction and is therefore prohibited, unless otherwise approved pursuant to paragraph 11.d of this Chapter;
 - (iii) Concrete pads: A concrete pad with minimal, or no, reinforcement to be used for parking or as a floor, may be poured beneath an elevated coastal building. A concrete pad placed at grade is not considered an obstruction if it is not structurally attached to the building's foundation system. The use of fill beneath an elevated building to elevate a slab above natural grade is considered an obstruction and is therefore prohibited. It is important to note that compliant concrete pads often collapse during coastal storms due to erosion and localized scour of underlying soils;
 - (iv) Decks, patios, gazebos: Decks or patios constructed at grade may involve considerable alteration of the site in the construction process. The proposed construction must be evaluated pursuant to paragraph 11.d of this Chapter to determine whether buildings on the site or on adjacent sites will be adversely affected. Floodwaters shall not be diverted into the elevated building or into nearby buildings. It is required to be

Formatted: Indent: Left: 1.75", Hanging: 0.38"

demonstrated by the design professional that debris from destroyed decks or patios shall not damage the foundation of the building or of adjacent buildings. Decks and patios constructed below the design-flood elevation must be structurally independent of the building's foundation system. If a deck is structurally attached to the building, the lowest horizontal member of the deck must be elevated to or above the design-flood elevation. Like an at-grade deck, an elevated deck should not worsen flooding conditions or create debris that will damage adjacent buildings. A deck that is properly elevated on embedded piles to withstand flood forces generated by a base flood shall not cause additional flood or debris damage to adjacent buildings;

- (v) Fences: Like other construction elements on V-zone building sites, fences must be analyzed pursuant to paragraph 11.d. of this Chapter for their effects on flood conditions, including ramping effects on adjacent buildings and the effects of debris during flood events.
- (vi) Foundation bracing: Bracing is intended to provide lateral wind-resistance support to a pile or column foundation by stiffening the foundation system and is to be placed parallel to the primary direction of flow, generally perpendicular to the shoreline. Only the minimum amount of bracing that is necessary to stiffen the foundation may be used. Bracing should be composed of members that will offer the least resistance to floodwaters flowing under the elevated building;
- (vii) Grade beams: Grade beams that are placed with their upper surfaces flush with the natural grade are allowed, provided it is demonstrated that the grade beams will remain in place when erosion and localized scour remove the supporting soil beneath. It must be noted that grade beams are not to be used as a substitute for adequate number, size, and embedment of piles or columns;
- (viii) Septic systems: Elevated or mounded septic systems require fill and constitute an obstruction if placed under, or adjacent to, an elevated building within the V-Zone as identified on the Flood Insurance Rate Map. Therefore, septic systems must not be attached directly to the foundation, but may be permitted on a V-zone site if it will not worsen flooding conditions for the building in question or any adjacent buildings pursuant to paragraph 11.d. of this Chapter;
- (ix) Swimming pools: A swimming pool may be placed beneath a building within the V-zone pursuant to paragraphs 11.d, h, and i of this Chapter and only if the top of the pool and accompanying pool deck or walkway are flush with the existing grade and only if the lower area (below the lowest floor) remains open. Lower-area walled-enclosures around pools constitute a recreational use and are therefore not allowed, even if constructed to breakaway standards. Lattice and insect screening are allowed as they do not create an enclosed area. Pools, either at-grade or elevated, are allowed adjacent to coastal buildings only if the pools will not act as obstructions that will result in damage to the V-zone building or nearby buildings. The design professional must prove that a pool beneath or near a V-zone building will not be subject to breaking up or floating out of the ground during a coastal flood and shall therefore not increase the damage potential to the foundation and elevated portion of any nearby buildings proven pursuant to paragraph 11.d of this Chapter. In addition, the design professional must design and site the pool so that any increased wave or debris impact forces will not affect any nearby buildings. Pools, pool decks, walkways, and associated accessory buildings placed under or adjacent to buildings within the V-zone must be structurally independent of the building and its foundation;
- (x) Fill: Fill shall only be used in the V-zone as described under this Chapter. Any approved fill shall not interfere with the free passage of floodwaters and debris underneath the building or cause changes in flow direction during coastal storms such that floodwaters will cause additional damage to buildings on the site or to any adjacent

buildings. Under the building, no fill may be used except for minor landscaping and minor site grading for drainage purposes. An example of unacceptable placement of fill would be the construction of a small berm or retaining wall that is backfilled and used for landscaping purposes when it has been determined that ramping or deflection of floodwaters will adversely affect adjacent buildings and thereby create additional flood damage potential.

2. Man-made alteration of sand dunes or mangrove stands that would increase potential flood damage is prohibited.
3. The placement of manufactured homes, except in an existing manufactured home park or existing manufactured home subdivision, is prohibited. If placed in an existing manufactured home park or existing manufactured home subdivision, the foundation of the manufactured home shall comply with the requirements of the Florida Building Code, Residential, Section R322 as applicable to coastal high hazard areas. Areas under elevated manufactured homes shall meet the requirements of subsection f. of this section.
4. Recreational vehicles placed on sites within Zones V, V1 – V30, V, and VE on the FIRM shall be on sites for fewer than 180 consecutive days, be fully licensed and ready for highway use, and shall remain road ready and be immediately removed from the site at the time an evacuation order is given.

Formatted: Indent: Left: 1.25", Hanging: 0.25"
 Formatted: Not Highlight
 Formatted: Not Highlight
 Formatted: Not Highlight

301.3 Additional Standards for Developments in Floodplains

- 301.3.1 Criteria.** The criteria for development in floodplains shall pertain to all floodplains and not be limited to those floodplains identified on FEMA maps. The Engineer of Record (EOR) shall be responsible for determining the on-site 100-year flood elevations if not determined by a FEMA or Hillsborough County study. The EOR is required to submit a Letter of Map Amendment or Map Revision to FEMA for any changes in flood zone designations or modifications that may be used in modifying a FIRM designation as determined by a detailed study of the area. New hydrologic and hydraulic engineering analyses submitted to change base flood elevations, flood hazard area boundaries, or floodway designations shall be submitted to FEMA within six (6) months of such data becoming available.
- 301.3.2 Special Flood Hazard Area (100-Year Frequency Floodplain).** No development (structures or fill) shall be allowed in the conveyance portion of any 100-year frequency floodplain as described by the Stormwater Management Section of the Public Works Department associated with a freshwater stream, channel, lake, or waterway, unless provisions are made to compensate for any reduction in conveyance caused by the development and in accordance with this Chapter and other applicable County regulations.
- 301.3.3 100-Year Frequency Floodplain Non-Coastal**
1. No development (structures or fill) shall be allowed in any 100-year frequency non-coastal floodplain, unless provisions are made to compensate for the reduction in storage volume due to the proposed development and pursuant to Section 301.3.9 of this Chapter.
 2. For structures constructed in an area without an approved lot-grading plan and outside of the Special Flood Hazard Area, the minimum elevation shall include the requirement of 18 inches above the crown of the road, unless otherwise approved by the County.
- 301.3.4 Compensation or Compensatory Storage Volumes.** Compensation storage volumes shall be provided in addition to stormwater detention or retention volumes required to reduce peak runoff rates from the development and pursuant to minimum standards under the Land Development Code and Stormwater Technical Manual.

- 301.3.5 Earthen Fill.** No earthen fill shall be placed within a Special Flood Hazard Area unless an equal amount of flood storage volume is created by excavation below the 100-year flood elevation and above the seasonal high ground water table elevations and pursuant to the Hillsborough County Stormwater Technical Manual and in accordance with this Chapter. No fill shall be allowed within the velocity zone as designated on the Flood Insurance Rate Map or identified within the Flood Insurance Study, unless approved by Hillsborough County through the review of appropriate analyses and background material pursuant to this Chapter. Prior to any approval, the County may submit respective analyses and background material based upon the current effective model for technical review to the Federal Emergency Management Agency (FEMA) at the discretion of the County's Building Official or Flood Damage Control Administrator to ensure compliance with the requirements of this Chapter and to ensure Hillsborough County's participation with the National Flood Insurance Program is sustained.
- 301.3.6 Exceptions.** Exceptions shall be allowed if the floodplain is associated with a landlocked waterbody and pursuant to variance procedures contained within this Code.
- 301.3.7 Encroachment and Obstruction.** No encroachment or obstruction shall be allowed in a regulatory floodway or velocity zone, as designated on the Flood Insurance Rate Map or identified within the Flood Insurance Study, unless approved by Hillsborough County through the review of appropriate analyses and background material pursuant to this Chapter. Prior to any approval, the County may submit respective analyses and background material based upon the current effective model for technical review to the Federal Emergency Management Agency (FEMA) at the discretion of the County's Building Official or Flood Damage Control Administrator to ensure compliance with the requirements of this Chapter and to ensure Hillsborough County's participation with the National Flood Insurance Program is sustained.
- 301.3.8 Critical Facilities.** Construction of new critical facilities shall be, to the extent possible, located outside the limits of the SFHA, preferably outside the two-tenths (0.2%) annual chance floodplain, which is also known as the five-hundred (500) year floodplain. Construction of new critical facilities may be permissible within the SFHA if no feasible alternative sites are available. Critical facilities constructed within the SFHA shall have the lowest floor elevated three (3) or more feet above the base flood elevation at the site. Floodproofing and sealing measures must be taken to ensure that toxic substances will not be displaced by or released into floodwaters. Access routes elevated to or above the level of the base flood elevation shall be provided to all critical facilities to the maximum extent possible.
- 301.3.9 Variances.** Accompanying Section 113.4.2.
1. Designation of Variance and Appeals. The Flood Damage Control Board shall hear and decide appeals and requests for variances from the requirements to the Flood Damage Control Regulations. Failure to comply with requirements of a Flood Damage Control Board Order may be cause to have the Board action repealed and, or, give cause for the Building Official to request the Federal Emergency Management Agency remove availability of Federal flood insurance for the property on which the Board action was granted.
 2. The following conditions for variances to Chapter 3 of this Code are in addition to criteria contained in Section 108.4.2:
 - a. a showing of good and sufficient cause;
 - b. a determination that failure to grant the variance would result in exceptional hardship; and
 - c. a determination that the granting of a variance will not result in increased flood heights, additional threats to public expense, create nuisance, cause fraud on or victimization of the public, or conflict with existing local laws or codes.

3. Variances shall not be issued within any designated regulatory floodway if any increase in flood levels during the base flood discharge would result or a stream course modification is proposed unless impacts are mitigated. The variance may only be issued subsequent to the applicant, or authorized agent, receiving a conditional Letter of Map Revision (LOMR) and floodway revision, which fulfills requirements for such revisions as established by FEMA. A condition of the Board Order for the variance will include the LOMR and floodway revision be completed prior to notifying all property owners impacted by the modification and prior to any final project approval, final inspection, or certificate of occupancy being provided, which will also illustrate the applicant, or agent, has fully mitigated all impacts to the regulatory floodway.
4. Variances may be issued for the repair or rehabilitation of historic structures upon a determination that the proposed repair or rehabilitation will not preclude the structure's continued designation as a historic structure, and the variance is the minimum necessary to preserve the historic character and design of the structure, unless otherwise approved by the appropriate County authority.
5. Variances may be issued for new construction and substantial improvements and for other development necessary for the conduct of a functionally dependent use provided that:
 - a. The criteria of paragraphs b. i) through b. iii) of this Section are met, and
 - b. The structure or other development is protected by methods that minimize flood damages during the base flood and create no additional threats to public safety.
6. Variance Notification. Any applicant to whom a variance is granted shall be notified in writing that:
 - a. the issuance of a variance to construct a structure below the base flood elevation will result in increased premium rates for flood insurance up to amounts as high as twenty-five dollars (\$25) for one-hundred dollars (\$100) of insurance coverage;
 - b. such construction below the base flood or design-flood elevation increases risks to life and property;
 - c. a copy of the above notification shall be recorded in a manner so that it appears in the chain of title of the affected parcel of land; and
 - d. a copy of the notification shall be maintained by the Office of the Flood Damage Control Administrator with the record of variance actions, including justification for issuance, and report such variances issued in its biennial report submitted to FEMA and its annual Community Rating System annual recertification.

CHAPTER 4

DEFINITIONS

A. Words not Defined in this Chapter. Words not defined in this Chapter shall have the meaning stated in the Florida Building Code. Words that are not defined in this Chapter nor in the Florida Building Code shall have the meaning stated in the most applicable Florida Statutes, nationally recognized codes, manuals or standards adopted elsewhere in this Ordinance. Words not defined in any of those documents shall have the meaning stated in the Webster's Third New International Dictionary of the English Language, Unabridged, as revised.

B. Words Defined. Unless otherwise expressly stated, the following words and terms, for the purposes of this code, have the meaning shown in this Chapter. In case of a conflict in definitions or codes, the appropriate definition (or code) to be applied shall be the one applicable to the trade in question. In case of a conflict between different parts of this chapter, conflicts within the same code, or conflicts between codes, the more stringent requirements shall be applicable.

Abandon or abandonment. (1) Termination of a construction project by a contractor without just cause or proper notification to the owner including the reason for termination or (2) failure of a contractor to perform work without just cause for ninety (90) days.

Addition. An extension or increase in floor area, number of stories or height of a building or structure.

Alteration. Any construction or renovation to an existing building other than repair or addition.

Approved. Acceptable to the code official or authority having jurisdiction.

Accessory or appurtenant structure. For floodplain purposes, a structure that is located on the same parcel of property as the principal structure and the use of which is incidental to the use of the principal structure.

Authorized agent. A person specifically authorized by the holder of a certificate of competency to obtain permits in his stead.

Base flood. A flood having a 1-percent chance of being equaled or exceeded in any given year. The base flood is commonly referred to as the "100-year flood" or the "1-percent-annual chance flood."

Formatted: Font: (Default) Times New Roman, 11 pt

Formatted: Font: (Default) Times New Roman, 11 pt

Base flood elevation (BFE). The elevation shown in the Flood Insurance Study (FIS) or on the Flood Insurance Rate Map that indicates the water surface elevation resulting from a flood that has a one-percent chance of equaling or exceeding the one-percent (1%) probability flood elevation in any given year. For purposes of the National Flood Insurance Program, the base flood elevation is referenced above mean sea level, which is based on either the National Geodetic Vertical Datum (NGVD) of 1929 or the North American Vertical Datum of 1988.

Basement. For floodplain management purposes, any area of a building having its floor sub-grade (below ground level) on all sides.

Basic Wind Speed Lines. The basic wind speed lines shall be as established by the wind speed contour maps attached to, and made a part of, this chapter.

RISK CATEGORY I BUILDINGS: For areas landward of the 130 MPH Wind Speed Line, a non-site specific design may be done using an ultimate design wind speed of 130 MPH for the design of the main wind force resisting systems, cladding and glazing.

RISK CATEGORY II BUILDINGS: For areas landward of the 140 MPH Wind Speed Line, a non-site specific design may be done using an ultimate design wind speed of 140 MPH for the design of the main wind force resisting systems, cladding, and glazing.

RISK CATEGORY III & IV BUILDINGS: For areas landward of the 150 MPH Wind Speed Line, a non-site specific design may be done using an ultimate design wind speed of 150 MPH for the design of the main wind force resisting systems, cladding, and glazing.

Board. The appropriate Hillsborough County or County Board of Adjustment and Appeals and Examiners, unless otherwise specifically stated.

Building. Any structure used or intended for supporting or sheltering any use or occupancy.

Building component. An element or assembly of elements integral to or part of a building.

Building shell. The structural components that completely enclose a building, including, but not limited to, the foundation, structural frame, floor slabs, exterior walls, and roof system.

Building system. A functionally related group of elements, components and/or equipment, such as the electrical, plumbing, and mechanical systems of a building.

Certification. The act, or process, of obtaining a certificate of competency from the state or municipality through the review of the applicant's experience and financial responsibility as well as successful passage of an examination. For floodplain management purposes, a certification by a registered professional engineer or other party does not constitute a warranty or guarantee of performance, expressed or implied. Certification of data is a statement that the data is accurate to the best of the certifier's knowledge. Certification of analyses is a statement that the analyses have been performed correctly and in accordance with sound engineering practices. Certification of structural works is a statement that the works are designed in accordance with sound engineering practices to provide protection from the base flood. Certification of "as built" conditions is a statement that the structure(s) has been built according to the plans being certified, is in place, and is fully functioning.

Certificate of competency (certificate). An official document evidencing that a person is qualified to engage in the business of contracting, subcontracting, or the work of a specific trade.

Certificate of experience. An official document evidencing that an applicant has satisfied the work experience requirements for a certificate of competency.

Certificate of occupancy (C.O.). An official document evidencing that a building satisfies the requirements of the jurisdiction for the occupancy of a building.

Certified contractor. Any contractor who possesses a certificate of competency issued by the Department of Professional Regulation of the State of Florida.

Change of occupancy. A change from one Building Code occupancy classification or subclassification to another.

Coastal high hazard area. A special flood hazard area extending from offshore to the inland limit of a primary frontal dune along an open coast and any other area subject to high velocity wave action from storms or seismic sources. Coastal high hazard areas are also referred to as "high hazard areas subject to high velocity wave action" or "V Zones" and are designated on Flood Insurance Rate Maps (FIRM) as Zone V1-V30, VE, or V.

Commercial building. Any building, structure, improvement, or accessory thereto, other than a one- or two-family dwelling.

Critical facilities. For floodplain management purposes, a facility for which even a slight chance of flooding might be too great. Critical facilities include, but are not limited to, evacuation shelters, hospitals, police, fire and other emergency response installations, water and wastewater facilities, government offices, and hazardous materials facilities.

Cumulative construction cost. The sum total of costs associated with any construction work done to a building or structure either at one (1) time or at different times within a specified period of time. For floodplain management purposes, cumulative construction costs are costs associated with an approved project regardless of the period required to complete the project and, or, costs associated with the development of construction work done to the building from the time the permit application is submitted through the 12 month period following the issuance of the Certificate of Occupancy or final inspection (whichever date provides the greatest period).

Demolition. The act of razing, dismantling, or removal of a building or structure, or portion thereof, to the ground level.

Design flood. The flood associated with the greater of the following two areas: Area with a floodplain subject to a 1-percent or greater chance of flooding in any year; or Area designated as a flood hazard area on the community's flood hazard map, or otherwise legally designated.

Design Flood Elevation. The elevation of the "design flood," including wave height, relative to the datum specified on the community's legally designated flood hazard map. In areas designated as Zone AO, the design flood elevation shall be the elevation of the highest existing grade of the building's perimeter plus the depth number (in feet) specified on the flood hazard map. In areas designated as Zone AO where the depth number is not specified on the map, the depth number shall be taken as being equal to 2 feet.

Development. For floodplain management, any man-made change to improved or unimproved real estate, including, but not limited to buildings or other structures, mining, dredging, filling, grading, paving, excavating, drilling operations, or storage of materials or equipment.

Elevation Certificate. For floodplain management purposes, is the form authorized by the United States Office of Management and Budget that is required for determining the compliance of a structure, building, mobile/manufactured home, and certain types of equipment under the County's participation with the National Flood Insurance Program.

Enclosure. A building or part thereof, in whole or in part self-supporting, and having walls of insect screening with or without removable vinyl or acrylic wind break panels and a roof of insect screening, plastic, aluminum or similar lightweight material.

Examination. An exam prepared, proctored, and graded by H. L. Block and Associated, Inc., unless otherwise implied in context or specifically stated otherwise.

Existing manufactured home park or subdivision. A manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including, at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed before June 18, 1980.

Formatted: Font: Not Bold

Expansion to a Pre-FIRM manufactured home park or subdivision. The preparation of additional sites by the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads).

FCILB. The Florida Construction Industry Licensing Board.

Flood or flooding. A general and temporary condition of partial or complete inundation of normally dry land areas from:

- a) The overflow of inland or tidal waters;
- b) The unusual and rapid accumulation or runoff of surface waters from any source.

Flood Control Board. The Flood Control Board shall hear and decide appeals or requests for variances as described within Section 108.42 and 301.3.9.a of this Code and within Section 9.03.03, Land Development Code.

Flood Damage Control Administrator. The administrative officer as described with duties defined within Section 9.01.03, Land Development Code. The Flood Damage Control Administrator serves the Building Official of Hillsborough County.

Flood damage-resistant materials. Any construction material capable of withstanding direct and prolonged contact with floodwaters without sustaining any damage that requires more than cosmetic repair.

Flood hazard area. The greater of the following two areas: The area within a floodplain subject to a 1-percent or greater chance of flooding in any year. The area designated as a flood hazard area on the community's flood hazard map, or otherwise legally designated.

Flood Insurance Rate Map (FIRM). A product of the Flood Insurance Study for Hillsborough County, the FIRM is the official map on which the Federal Emergency Management Agency delineated both the areas of special flood hazard and the risk premium zones, which is subordinate to the Hillsborough County Flood Insurance Study.

Flood Insurance Study (FIS). An official report provided by the Federal Emergency Management Agency that contains the Flood Insurance Rate Map and the results of examination, evaluation and determination of flood hazards and, if appropriate, corresponding water surface elevations. The document that contains official regulatory base-flood and floodway elevations, floodway widths, and data associated with the current effective model. Elevations identified within the FIS take precedents over elevations obtained from the Flood Insurance Rate Map(s).

Floodplain development permit or approval. An official document or certificate issued by the community, or other evidence of approval or concurrence, which authorizes performance of specific

Formatted: Left

development activities that are located in flood hazard areas and that are determined to be compliant with this ordinance.

Floodproofing certificate. A certificate form available from the Federal Emergency Management Agency to be completed and signed by a Florida licensed engineer certifying that a nonresidential structure has been constructed to be, or has been designed to be made to be, floodproofed.

Floodway. The channel or conveyance area of a river or other watercourse and adjacent land areas that must be reserved in order to discharge the base flood without cumulatively increasing the water surface elevation more than a designated height. The term is also referred to as “regulatory floodway” and is defined on Flood Insurance Rate Maps and described within the Flood Insurance Study.

Florida Building Code. Refers to all volumes of the code.

Florida Building Code – Fuel Gas. Refers to the Fuel Gas volume of the code.

Florida Building Code – Mechanical. Refers to the Mechanical volume of the code.

Florida Building Code – Plumbing. Refers to the Plumbing volume of the code.

Florida Building Code – Residential. Refers to the Residential volume of the code.

Florida Building Code – Existing. Refers to the Existing Building volume of the code.

Florida Building Code – Energy Conservation. Refers to the Energy Conservation volume of the code.

Florida Building Code – Accessibility. Refers to the Accessibility volume of the code.

Florida Building Code – Test Protocols for High –Velocity Hurricane Zones. Refers to the High-Velocity Hurricane Zones volume of the code.

Functionally dependent facility. For floodplain management purposes, a facility that cannot be used for its intended purpose unless it is located or carried out in close proximity to water. The term includes only docking facilities, port facilities or other necessary facilities used for the loading and unloading of cargo or passengers, and shipbuilding, and ship repair facilities, but does not include long-term storage or related manufacturing facilities.

Ground Settlement. Any subsidence, settlement or sinkhole activity that impairs or has the potential to impair any structure.

Ground Settlement Investigation. The investigation on or upon any land relative to determining the existence or non-existence of ground settlement as performed by a Florida licensed professional engineer or Florida licensed professional geologist

Habitable space. A space in a structure for living, sleeping, eating or cooking. Bathroom, toilet compartments, closets, halls, screen enclosures, sunroom Categories I, II and III as defined in the AAMA/NPEA/NSA 2100, storage or utility space and similar areas are not considered habitable space.

Highest adjacent grade. The highest natural or pre-FIRM elevation of the ground surface prior to construction next to the proposed walls of a structure.

Historic Structure. means any structure that is determined eligible for the exception to the flood hazard area requirements of the Florida Building Code, Existing Building, Chapter 11 Historic Buildings.

Inspection warrant. A court order authorizing the official or his designee to perform an inspection of a particular property named in the warrants.

Intensification of use. An increase in capacity or number of units of a residential or commercial building.

Interior finish. The preparation of interior spaces of a commercial building for the first occupancy thereof.

Licensed contractor. A contractor certified by the State of Florida or the local jurisdiction who has satisfied all state or local requirements to be actively engaged in contracting.

Lowest floor. The lowest floor of the lowest enclosed area of a building or structure, including basement, but excluding any unfinished or flood-resistant enclosure, other than a basement, usable solely for vehicle parking, building access or limited storage provided that such enclosure is not built so as to render the structure in violation of the non-elevation requirements of the *Florida Building Code* or ASCE 24.

Manufactured home. A structure, transportable in one or more sections, that is eight (8) feet or more in width and greater than four hundred (400) square feet, and which is built on a permanent, integral chassis and is designed for use with or without a permanent foundation when attached to the required utilities. The term "manufactured home" does not include a "recreational vehicle" or "park trailer".

Manufactured home park or subdivision. For floodplain management purposes, a parcel (or contiguous parcels) of land divided into two or more manufactured home lots for rent or sale. Also, refer to Pre- and post-FIRM manufactured home park and subdivision.

Market value. As used in this Chapter, the term refers to the market value of buildings and structures, excluding the land and other improvements on the parcel. Market value may be established by a qualified independent appraiser, Actual Cash Value (replacement cost depreciated for age and quality of construction), or one hundred and twenty percent (120%) of the tax assessment value as indicated by the County Property Appraiser's Office.

New construction. For floodplain management purposes, buildings or structures for which the start of construction commenced on or after the effective date of the floodplain management regulations adopted by a Hillsborough County (January 1, 1980), which includes any subsequent improvements to such buildings or structures. This definition includes the placement or replacement of manufactured homes.

No Rise Impact Analysis Certification. Unless it has been demonstrated through no-impact analysis (hydrologic and hydraulic analyses that is also referred to as a No Rise Impact Analysis) with supporting technical data submitted by a State licensed and registered engineer demonstrating that the proposed encroachment shall not result in any increase in flood levels within the community during the occurrence of the base flood discharge.

Occupiable space. A room or enclosed space designed for human occupancy in which individuals congregate for amusement, education, or similar purposes or in which occupants are engaged at labor, and which is equipped with means of egress and light and ventilation facilities meeting the requirements of this code.

Permanent foundation. For floodplain management purposes, a permanent foundation is to resist flood forces with a footing appropriately sized and capable of providing resistance against floatation, overturning, and buoyancy.

Permit. An official document authorizing performance of a specific activity regulated by this chapter.

Permit card or placard. A document issued by the jurisdiction evidencing the issuance of a permit.

Post-Flood Insurance Rate Map (Post-FIRM). The period on or after June 18, 1980, which is the unincorporated Hillsborough County effective date of the Federal Flood Insurance Rate Map(s) and the Hillsborough County floodplain management regulations.

Post Flood Insurance Rate Map (Post-FIRM) Construction. Any construction for which the "start of construction" commenced on or after the June 18, 1980 (effective date of Hillsborough County's initial Flood Insurance Rate Map), and includes any subsequent improvements to such structures. For floodplain management purposes, this is also referred to as new construction.

Post-FIRM manufactured home park or subdivision. A manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including at a minimum, the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed on or after June 18, 1980. This term may also be referred to as "new manufactured home park or subdivision".

Pre-Flood Insurance Rate Map (Pre-FIRM). The period before June 18, 1980, which Hillsborough County did not have Federal Flood Insurance Rate Maps.

Pre-FIRM manufactured home park or subdivision. For floodplain management purposes, a manufactured home park or subdivision for which the construction of facilities for servicing the lots on which the manufactured homes are to be affixed (including at a minimum the installation of utilities, the construction of streets, and either final site grading or the pouring of concrete pads) is completed before June 18, 1980. This term may also be referred to as "existing manufactured home park or subdivision".

Qualifying agent, primary. A person who possesses the requisite skill, knowledge, experience and certificate of competency, and has the responsibility to supervise, direct, manage, and control the contracting activities of the business organization with which they are associated; who has the responsibility to supervise, direct, manage, and control construction activities on a job for which they have obtained a permit; and whose technical and personal qualifications have been determined by investigation and examination and is evidenced by their possession of a certificate of competency.

Qualifying agent, secondary. A person who possesses the requisite skill, knowledge, experience and certificate of competency, and has the responsibility to supervise, direct, manage and control construction activities on a job for which they have obtained a permit, and whose technical and

personal qualifications have been determined by investigation and examination and is evidenced by their possession of a certificate of competency.

Reciprocity. To accept, in lieu of an H. L. Block examination, a verified affidavit from any municipality or county of the State of Florida that the applicant has satisfactorily completed a written examination in its jurisdiction equal in content with the examination required by this chapter.

Recreational vehicle. For floodplain management purposes, a vehicle that has been built on a single chassis and is 400 square feet or less when measured at the largest horizontal projection; designed to be self-propelled or permanently towable by a light-duty truck; and designed primarily not for use as a permanent dwelling but as temporary living quarters for recreational, camping, travel, or seasonal use. It is ready for highway use if it is on its wheels, or if on a jacking system it is attached to the site only by quick disconnect type utilities and security devices, and has no permanently attached additions.

Registered contractor. A contractor who has registered with the department of professional regulation of the State of Florida pursuant to fulfilling the competency requirements of the local jurisdiction.

Registration. The act or process of registering a locally obtained certificate of competency with the state, or the act or process of registering a state issued certificate of competency with the municipality.

Remodeling. Work, which changes the original size, location, or material of the components of a building or structure.

Roofing. The installation of roof coverings on a new or existing building or structure.

Sinkhole. A landform created by subsidence of soil, sediment, or rock as underlying strata are dissolved by groundwater. A sinkhole may form by collapse into subterranean voids created by dissolution of limestone or dolostone or by subsidence as these strata are dissolved

Sinkhole Activity. Settlement or systematic weakening of the earth supporting such property only when such settlement or systematic weakening results from movement or raveling of soils, sediments, or rock materials into subterranean voids created by the effect of water on a limestone or similar rock formation.

Spa. Any constructed or prefabricated pool containing water jets.

Special flood hazard area (SFHA). An area in the floodplain subject to a 1 percent or greater chance of flooding in any given year. Special flood hazard areas are shown on FIRMs as Zone A, AO, A1-A30, AE, A99, AH, V1-V30, VE or V.

Specialty contractor. A contractor whose services do not fall within the categories specified in Section 489.105(3), Florida Statutes, as amended.

Start of construction. For floodplain management purposes and for a substantial improvement, the date of issuance for new construction and substantial improvements to existing structures, provided the actual start of construction, repair, reconstruction, rehabilitation, addition, placement, or other improvement is within 180 days of the date of the issuance. The actual start of construction means either the first placement of permanent construction of a building (including a manufactured home)

on a site, such as the pouring of slab or footings, the installation of piles, the construction of columns. Permanent construction does not include land preparation (such as clearing, grading, or filling), the installation of streets or walkways, excavation for a basement, footings, piers, or foundations, the erection of temporary forms or the installation of accessory buildings such as garages or sheds not occupied as dwelling units or not part of the main buildings. For a substantial improvement, the actual "start of construction" means the first alteration of any wall, ceiling, floor or other structural part of a building, whether or not that alteration affects the external dimensions of the building.

Stop work order. An order by the Building Official, or his designee, which requires the immediate cessation of all work and work activities described in the order.

Structural component. Any part of a system, building, or structure, load bearing or non-load bearing, which is integral to the structural integrity thereof, including but not limited to walls, partitions, columns, beams, and girders.

Structural work or alteration. The installation or assembling of new structural components into a system, building, or structure. In addition, any change, repair, or replacement of any existing structural component of a system, building, or structure.

Structure For floodplain management purposes, a walled and roofed building, including a gas or liquid storage tank that is principally above ground, as well as a manufactured home.

Substantial completion. Where the construction work has been sufficiently completed in accordance with the applicable city, state, and federal codes, so that the owner can occupy or utilize the project for the use for which it is intended.

Substantial damage. Damage of any origin sustained by a building or structure (including a manufactured home) whereby the cost of restoring the building or structure (or manufactured home) to its before-damaged condition would equal or exceed 50 percent of the market value of the building or structure (or manufactured home) before the damage occurred. The term also includes flood-related damage sustained by a structure on two separate occasions during a 12-month period for which the (a) aggregate cost of repairs equals or exceeds 50 percent of the market value of the structure before damages occurred; or (b) the cost of repairs at the time of each such flood event, on average, equals or exceeds 25 percent of the market value of the structure before damages occurred. Replacement cost or value is not an acceptable value for determining substantial damage.

Substantial improvement. Any combination of repair, reconstruction, rehabilitation, addition or other improvement of a building or structure taking place within a period from the date of permit application to twelve (12) months following the final inspection or date of the certificate of occupancy, the cumulative cost of which equals or exceeds 50 percent of the market value of the building or structure before the improvement or repair is started. If the building or structure has incurred "substantial damage", any repairs are considered substantial improvement regardless of the actual work performed. If the building or structure has incurred "substantial damage", any repairs are considered substantial improvement regardless of the actual work performed. For each building or structure, the one-year period begins on the date of the permit application for the first improvement or repair of the building or structure. However, the term does not include either:

- a. Any project for improvement of a structure to correct existing violations of state or local health, sanitary, or safety code specifications which have been identified by the local code enforcement official and which are the minimum necessary to assure safe living conditions; or
- b. Any alteration of a "historic structure" provided that the alteration would not preclude the structure's continued designation as a "historic structure."

Value. Job cost.

Violation. The failure of a structure or other development to be fully compliant with this ordinance. For floodplain management purposes, a structure or other development without the elevation certificate, other certifications, or other evidence of compliance required in this ordinance is presumed to be in violation until such time as that documentation is provided showing different.

Water surface elevation. The height, in relation to the National Geodetic Vertical Datum (NGVD) of 1929 or the North Atlantic Vertical Datum, of floods of various magnitudes and frequencies in the floodplains of coastal, inland, or riverine areas.

Wind Borne Debris Region. Areas within hurricane-prone regions located:

1. Within 1 mile of the coastal mean high water line where the ultimate design wind speed is 130 MPH or greater; or
2. In areas where the ultimate design wind speed is 140 MPH or greater.

Hillsborough County

Community Rating System Annual Certification

Activity 502
Repetitive Loss Activities



YOUR REPETITIVE FLOOD HAZARD RISK

You are receiving this informational flyer because your property is in, or near, an area that is known for repetitive flooding. Significant rainfall events or tropical storm surge can result in repeat flooding within some areas of Hillsborough County. Although your structure may or may not have been affected by past flooding, this brochure is provided to you to increase your awareness of flood threats to you and your property. This brochure also provides information about flood safety property protection measures: construction in a flood hazard area; flood insurance; functions of floodplains and wetlands; and much more.

Even if your structure has been removed from a high-risk flood zone through a Letter of Map Revision or Letter of Map Amendment, it is still possible that parts of your property could be damaged or the access roads for your area could be submerged in an extreme weather event. You should review the information and phone numbers in case they are needed.

This outreach is a part of Hillsborough County's floodplain management activities and in participation with Federal Emergency Management Agency efforts. These activities are reviewed on an annual basis through the National Flood Insurance Program and result in residents receiving discounted flood insurance rates. Currently, the County is within the top three percent of all municipalities in the nation for our aggressive approach to floodplain

management. Residents within the unincorporated county receive more than \$6 million dollars annually in combined discounts on flood insurance rates due to these efforts.

FLOOD INSURANCE

Flood insurance helps protect you from the financial devastation caused by floods. To examine your flood risks, go to [floodsmart.gov](http://www.floodsmart.gov) or <http://www.hillsboroughcounty.org/index.cfm?nid=1856>. Even a few inches of water can bring thousands of dollars in repair and restoration costs. Most homeowners insurance policies do not cover floods. Flood insurance is available through the federally-underwritten National Flood Insurance Program. Flood insurance, like earthquake insurance, is "single peril" insurance, sold separately from homeowners insurance. Flood insurance protects against losses to buildings and their contents, not the land surrounding them. The coverage applies whether the flooding results from heavy or prolonged rains, coastal storm surge, blocked storm drainage systems, levee or dam failure, or other causes. For an event to be designated as a flood, rising water must cover at least two acres or affect at least two properties. However, a flood claim may be requested any time a structure is affected by rising water.

Flood insurance is available both within and outside of the high-risk flood zone. Your property's flood risk is shown on the County's flood hazard maps, available at www.hillsboroughcounty.org/floodmaps. Different types of policies are available depending on your flood risk. You will need to ask your insurance agent for more information. A flood insurance agent locator is available online that at www.floodsmart.gov.

If you own property with a structure in the high-risk flood area, you likely need a flood insurance policy. Most mortgage lenders will require that you have a policy as part of your loan agreement.

If your structure was built prior to 1980, it is considered

Pre-FIRM (Pre-Flood Insurance Rate Map construction) and follows a specific pricing schedule. Congress recently made changes to subsidize provided through the National Flood Insurance Program. For more pricing information, a Federal Emergency Management Agency (FEMA) brochure may be viewed at www.fema.gov. The FEMA bulletin explains most recent changes made to the program by the U.S. Congress. If your structure was built after June 18, 1980, your structure is considered Post-FIRM with a different pricing schedule. For more information about program changes made by Congress, go to the National Flood Insurance Program's (NFIP) website: www.fema.gov/floodinsurance-reform.

Flood insurance covers both homes and businesses. With residential coverage, you can buy up to \$250,000 of insurance to protect your structure and up to \$100,000 to protect its contents. If you are located in a high-risk area, federally regulated or insured lenders will require you to have flood insurance for the amount remaining on your mortgage, or \$250,000, whichever is lower.

Outside of high-risk areas, flood insurance is also available, usually at lower cost. A Preferred Risk Policy covers both a home and its contents, with premiums as low as \$129 per year. While you are not federally required to have flood insurance in a low-to-moderate risk area, that does not mean you won't ever need it. Large floods often extend beyond the boundaries of high-risk areas, and smaller floods occur outside high-risk areas. In fact, a quarter of all flood insurance claims come from low-to-moderate risk areas.

Also, remember that most policies take 30 days to become effective before they can be used. More information about flood insurance is available by going online to www.floodsmart.gov.

Hillsborough County is a Class 5 Community (in the top 10 percent nationally) within the Community Rating System. This rating provides residents with high-risk flood policies a 25 percent discount and standard low-risk policies a 10 percent discount. There are no additional reductions for Preferred Risk Policies, which are already discounted.

Updated July 2015



IMPORTANT NUMBERS AND ADDRESSES

Hillsborough County Hazard Mitigation Program
County Center, 2nd Floor, 601 E. Kennedy Blvd., Tampa, Florida 33602

For Hillsborough County:
Hazard Mitigation Program
Development Services
Storm Sewer Problems
(813) 307-4841
(813) 272-5600
(813) 693-5400

For City of Tampa:
Stormwater Operations
Construction Service Center
(813) 274-3101
(813) 274-3100

For City of Temple Terrace:
(813) 506-6570

For City of Plant City:
(813) 659-4200

FLOOD MAP WEBSITE

For more information on the County's flood maps, repetitive flood loss areas, flood insurance, and general tips on flood safety, visit:

www.hillsboroughcounty.org/floodmaps

For information on evacuation zones and risk to storm surge, visit: www.hillsboroughcounty.org/Emergency and select 2014 Hurricane Season, then The Hurricane Evacuation Assessment tool (HEAT) link.

NOTE: If you have received this publication in error or have had your structure officially removed from the high-risk flood hazard area by the County, please contact the County Engineering Department for more information regarding mandatory insurance information, but retain for future flooding and safety issues. Note that being mapped out of a high-risk area does not remove the risk for flooding. It is only reduced.

Si usted necesita información en Español, favor de llamar a la Línea de Información del Condado de Hillsborough al (813) 272-5900.

QUESTIONS ABOUT OTHER COUNTY SERVICES?

Call the Hillsborough County Information Service Center at (813) 272-5900.

Public Works Department
Information For Residents In The High-Risk Flood Zone
Hillsborough County
1110 22nd Floor
Tampa, FL 33601-1110
Public Works Department
Hazard Mitigation Program
1110 22nd Floor
Tampa, FL 33601-1110



ACTIVITY STOP/STOP



TYPES OF FLOODING

While flooding can occur anytime and anywhere when heavy or steady rain occurs, Hillsborough County's flooding can generally be categorized as "coastal," "inland," and "riverine" flooding.

- Coastal flooding** is often associated with a tropical storm or hurricane and includes damaging waves. Coastal areas of southern and western Hillsborough County are subject to this type of flooding.
- Inland flooding** occurs when lakes rise above normal levels or when depressions in the land are filled with rain and create "ponds." Development can contribute to this type of flooding as natural surfaces are paved and do not allow for water absorption into the ground at the normal rate. Areas in the northwest portion of the County are subject to this kind of flooding.
- Riverine flooding** is often caused by flooding of rivers over their banks. Also, abnormally high tides in the Bay can reduce the ability of streams and rivers to discharge, causing them to overflow. Areas along the Hillsborough, Alafia and Little Manatee rivers are subject to this kind of flooding.

There are repetitive flood-loss properties within the areas described above. A map showing areas of repetitive losses is available for review at the John F. Germany Library in downtown Tampa or at www.HillsboroughCounty.org/FloodMaps.

REPETITIVE FLOOD LOSSES

Flooding is the most costly and repetitive natural disaster affecting Hillsborough County. To assist those who have been affected by repetitive floods and who are insured through the National Flood Insurance Program (NFIP), the Federal government provides periodic funding assistance to those property owners who have received multiple NFIP flood-insurance payments and who also meet other specific eligibility requirements. Repetitive flood-losses for your home or business, according to the NFIP, are when a structure has received two or more claim payments of more than \$1,000 from the NFIP within any rolling 10-year period.

Assistance with FEMA flood-loss programs is provided through the Florida Division of Emergency Management, which is the state coordinating agency that works closely with the County to provide local support for these programs at www.floridadivofem.com or by calling the County's Hazard Mitigation Program at (813) 276-8245.

If you do have a structure that has received flood damage, you may be interested in more permanent flood protection measures that may include retrofitting your structure. More information may be found in FEMA's *Homeowner's Guide to Retrofitting* which is available at www.FEMA.gov.

Some flood protection measures do need a building permit and others may not be safe for your type of building, so be sure to talk to the Hillsborough County Development Services Department at (813) 272-5600. Additionally, you should have a personal disaster plan in the event of a disaster. Information is available through the Hillsborough County Information Service Center at (813) 272-6900, at www.HillsboroughCounty.org/Emergency or through the Tampa Bay Regional Planning Council at (727) 270-5151 or on the web at tampabaydiaster.org.

There is also emergency information available in the free "Hurricane Guide," which are available at County facilities and other public locations.

PROPERTY PROTECTION MEASURES

The following methods may assist in protecting your home:

- You can divert water from your property by installing or by water (e.g. storm drains) in retention areas are other alternatives. These methods may require permits and should be discussed with the Development Services Department at (813) 272-5600.
- In extreme weather, you may need to use sandbags in conjunction with other materials to seal openings and cracks. Listen to media reports about which facilities are providing sandbags or contact your local government about availability.
- If water draining off your roof is causing a problem, gutters can help direct the runoff away from your house.

The County Hazard Mitigation Program also has copies of (or can provide access to) design publications that may assist in floodproofing and repairing your home or business. You also may request a staff member visit your property for further information on retrofitting, remodeling and other topics.

Contact the Hazard Mitigation Program by calling (813) 307-4541 or visiting them at the address listed in the back of this publication.

DRAINAGE REQUIREMENTS

One way to reduce flooding around your property is to ensure that water drains correctly. Here are some tips on improving drainage:

- Do not place any debris - lawn trash or otherwise - in stormwater inlets, ditches or other waterways.
- Dumping into the drainage system can easily create blockages that result in flooding during a severe rain - the house you risk may be your own!

FUNCTION OF FLOODPLAINS AND WETLANDS

Although much of this brochure talks about the concerns surrounding our County's floodplains, they also serve a positive function in our environment. These areas are necessary to receive, store and discharge water runoff, and help refill our groundwater supply. They also provide a place to filter pollutants and nutrients out of the water, and buffer the land from hurricanes and storms surge.

Because of the benefits of floodplain areas and wetlands, there are several government efforts to protect them. The Environmental Protection Agency and the Department of Hillsborough County implements and enforces wetland protection and mitigation rules, which includes reviewing rezoning requests to decide if they will impact wetlands, requiring mitigation of destroyed wetlands and repair of affected wetlands. County residents also voted in 1987 to dedicate a portion of property taxes to purchase environmentally significant land in Hillsborough County through the Jan K. Platt Environmental Lands Acquisition and Protection Program (ELAPP). Since its inception, ELAPP has preserved more than 60,490 acres of land.

Additionally, with assistance from FEMA, the County's floodplain management program purchases repetitively flooded land to reestablish natural systems, where practical.

FLOODPLAIN MANAGEMENT PLAN

For more information about the County's Floodplain Management Plan, go to www.HillsboroughCounty.org/FloodMaps. If you would like to provide input on letter ways for the County to assist you with flood protection, a comment form is available on the website listed above. We appreciate your help and your comments.

FLOODPLAIN PERMIT REQUIREMENTS

The Flood Damage Control Regulations of the County Land Development Code and Construction Code are intended to restrict or prohibit uses and/or construction that are dangerous to health, safety, property and the general welfare from increases in erosion, flood heights or fast-flowing water.

New construction or substantial improvement of any residential structure in the special flood hazard area is required to have the lowest floor elevated to or above the Base Flood Elevation, plus a freeboard requirement of no less than six (6) inches and up to three (3) feet depending on the building's designated risk category.

An elevation certificate that is prepared, signed and sealed by a registered land surveyor will be required. If needed, copies of elevation certificates for structures built after 1991 that were permitted in the high-risk flood zone may be available at the phone number below. Earlier elevation certificates do not have all the information required to get a new Federal flood insurance policy, and may not be sufficient if requested. Therefore, a certified surveyor will need to complete a new elevation certificate.

Development in a Coastal High Hazard Area or Floodway is also regulated by the codes mentioned above. New construction or substantial improvements may have additional requirements that must be met.

Blank elevation certificates and flood zone determinations are available through Building Services Division by calling (813) 307-4441.





Hillsborough County
GOVERNMENT
Florida

Public Works

June 22, 2015

Board of County Commissioners
Kevin Beckner
Victor D. Crist
Ken Hagan
Al Higginbotham
Lesley "Les" Miller Jr.
Sandra L. Murman
Stacy R. White

County Administrator
Michael S. Merrill

County Administrator Executive Team
Lucia E. Garsys
Carl S. Harness

Gregory S. Horwedel
Ramin Kouzehkani
Liana Lopez
Bonnie M. Wise

County Internal Auditor
Michelle Leonhardt

County Attorney
Chip Fletcher

Public Works
PO Box 1110
Tampa, FL 33603-1110
Phone: (813) 272-5912
Fax: (813) 272-5811

SUBJECT: Notification of Offer of Assistance
FY 2015 Flood Mitigation Assistance (FMA) Grant Program
Repetitive Loss Property

Dear Property Owner:

The Hillsborough County Hazard Mitigation Program works with the State and Federal government to minimize repetitive flood-losses to structures within the unincorporated areas of the county. Pursuant to the Federal Emergency Management Agency (FEMA), you currently have an interest in a Repetitive-Loss (RL) property as defined by FEMA. At this time, FEMA is accepting applications under the FY 2015 Flood Mitigation Assistance Program (FMA). The FMA is a Federal program that provides potential funding to implement cost-effective measures, assist property owners, and reduce repetitive-loss flood damages to structures that are insured and in good standing by the National Flood Insurance Program.

The Florida Division of Emergency Management (FDEM) has the authority to submit applications and the responsibility for reviewing Flood Mitigation Assistance sub-applications from local governments. The County is the sub-applicant and the FDEM is the applicant. The State recommends technically feasible and cost effective sub-applications to FEMA. Additionally, FDEM provides pass-through funding for FEMA approved and awarded project grants to eligible sub-applicants (the County). Please see the enclosed Fact Sheet that summarizes the Notification of Offer of Assistance.

Fully eligible and completed sub-applications must be submitted to the FDEM through the eGrants system. FDEM will forward eligible applications to FEMA for funding consideration. All applications must be submitted to FDEM through the eGrants application system on or before July 17, 2015, 5:00 PM EST.

Interested property owners may complete the attached questionnaire and submit to the County. As County resources become available, potential projects will be evaluated and eGrants applications may be developed. Because of the limited time to submit this year, property owners may consider hiring an independent consultant to develop an application and have it submitted through the eGrants system, or an application may be reviewed and completed for the future.

PATTI TY SPOFFORD

FY 2015 Flood Mitigation Assistance (FMA) Grant Program
June 22, 2015
Page 2 of 2

The County appreciates interest in programs that reduce repetitive flood-loss damages. If you have interest or questions regarding potential eligibility with these programs, please contact me at (813) 276-8245 or twaitew@HillsboroughCounty.org

Sincerely,



William (Bill) Twaite
Contracts Manager, Hazard Mitigation Program
Technical Services Division, Public Works Department
Infrastructure and Development Team Services

Enclosures:

1. FEMA Fact Sheet FY 2015 Flood Mitigation Assistance (FMA) Grant Program
2. Property Owner Questionnaire

x: Eugene Henry, AICP, CFM, Hazard Mitigation Program Manager
Hazard Mitigation Program, Technical Services Division Public Works Department



FEMA

Fact Sheet

FY 2015 Flood Mitigation Assistance (FMA) Grant Program

Overview

As appropriated by the Department of Homeland Security Appropriations Act, 2015 (Public Law 114-4); the Fiscal Year (FY) 2015 Flood Mitigation Assistance (FMA) Grant Program provides resources to assist states, tribal governments, territories and local communities in their efforts to reduce or eliminate the risk of repetitive flood damage to buildings and structures insurable under the National Flood Insurance Program (NFIP) as authorized by the National Flood Insurance Act of 1968, as amended.

The FMA Grant Program was created as part of the National Flood Insurance Reform Act (NFIRA) of 1994 with the goal of reducing or eliminating claims under the NFIP.

Consistent with Biggert-Waters Flood Insurance Reform Act of 2012 (Public Law 112-141), the FMA Grant Program changed in FY 2013 to allow more federal funds for repetitive loss properties and severe repetitive loss properties, and the Repetitive Flood Claims and Severe Repetitive Loss Grant Programs were eliminated.

The Hazard Mitigation Assistance (HMA) Unified Guidance applies to the FY 2015 FMA Grant Program application cycle. Applicants are encouraged to review the Notice of Funding Opportunity announcement and the HMA Guidance for detailed information regarding eligibility and to contact their FEMA Regional Office for additional information.

Funding

In FY 2015, the total amount of funds distributed under the FY 2015 FMA Grant Program will be \$150,000,000. The FMA Grant Program funds will be distributed on a competitive basis.

Eligibility

All 50 States, the District of Columbia, Federally-recognized Tribal governments, American Samoa, Guam, Northern Mariana Islands, Puerto Rico and the U.S. Virgin Islands are eligible to apply for the FY 2015 FMA Grant Program.

Local governments are considered sub-applicants and must apply to their applicant state/territory.

Either the state Emergency Management Agency (EMA) or the office that has primary floodplain management responsibility is eligible to apply directly to FEMA for FMA Grant Program funds as an applicant; however, only one application will be accepted from each state, tribe or territory.

In Fiscal Year 2015, \$150,000,000 is available to assist States, Tribal, Territorial and local governments reduce or eliminate claims under the National Flood Insurance Program (NFIP).

Funding Guidelines

The maximum Federal share for planning sub-applications per 42 U.S.C. 4104c is \$100,000 per Applicant with a maximum of \$50,000 for state plans and \$25,000 for local plans.

Technical Assistance up to \$50,000 is available for states who were awarded FMA Grant Program funds totaling at least \$1,000,000 in Fiscal Year 2014.

Additionally, a maximum 10 percent of grant funds awarded can be used by the state EMA for management costs, and a maximum of 5 percent of grant funds awarded can be used by the local EMA for management costs. For more information, please see the FY 2015 Notice of Funding Opportunity announcement.

The period of performance for the FMA Grant Program begins with the opening of the application period and ends no later than 36 months from the selection date.

Key FY 2015 FMA Grant Program Changes

- FEMA revised the priorities for selection of mitigation projects on a competitive basis:
 - Projects with the highest percentage of severe repetitive loss properties with at least 2 claims exceeding market value
 - Projects with the highest percentage of repetitive loss properties
 - Projects with the highest percentage of severe repetitive loss properties with 4 or more claims exceeding \$5,000 each for a total exceeding \$20,000
- FEMA added mitigation of contiguous NFIP-insured properties as the last priority for funding

Application Submission and Review Process

Applications and sub-applications for the FMA Grant Program must be submitted via the Mitigation eGrants system on the FEMA Grants Portal: <https://portal.fema.gov>. If a subapplicant does not use the eGrants system, then the applicant must enter the paper sub-application(s) into the eGrants system on the sub-applicant's behalf.

FMA Grant Program applications will undergo a complete eligibility review within their respective FEMA Region. FEMA will review planning and project sub-applications plus one management cost and one technical assistance sub-application submitted by each applicant through the Mitigation eGrants system to ensure compliance with the HMA Guidance, including eligibility of the applicant and sub-applicant; eligibility of proposed activities and costs; completeness of the sub-application; cost effectiveness and engineering feasibility of projects; and eligibility and availability of non-federal cost share.

Evaluation Criteria

FEMA will select eligible planning and project sub-applications in order of the agency's priorities for the FY 2015 FMA Grant Program:

- 1st priority: Mitigation planning sub-applications consistent with 44 CFR Part 201 up to a maximum of \$100,000 federal share per applicant
- 2nd priority: Projects that mitigate at least 50 percent of structures that meet definition part (b)(ii) of a Severe Repetitive Loss (SRL) property: At least 2 separate NFIP claim payments have been made with the cumulative amount of such claims exceeding the market value of the insured structure
- 3rd priority: Project sub-applications that mitigate at least 50 percent of structures that meet the definition of a Repetitive Loss (RL) property: Have incurred flood-related damage on 2 occasions, in which the cost of the repair, on the average, equaled or exceeded 25 percent of the market value of the structure at the time of each such flood event
- 4th priority: Projects that mitigate at least 50 percent of structures meet definition part (b)(i) of a SRL property: 4 or more separate NFIP claims payments have been made with the amount of each claim exceeding \$5,000, and with the cumulative amount of claims payments exceeding \$20,000
- 5th priority: Projects that will reduce the risk profile in communities through mitigation of the largest number of contiguous NFIP-insured properties

FEMA will prioritize projects within the 2nd through 4th category above in order by the highest percentage of properties from 100 to 50 percent. If more than one project has the same percentage of properties that meet the definition, FEMA will prioritize projects by the largest number of properties to be mitigated that meet the definition. If necessary, FEMA will further prioritize projects by the highest FEMA-validated Benefit Cost Ratio.

For Additional Information

Please see the Notice of Funding Opportunity announcement posted on [grants.gov](http://www.fema.gov) and the HMA Guidance available on the FEMA Internet: <http://www.fema.gov/hazard-mitigation-assistance> for more detailed information regarding eligibility.

###

"FEMA's mission is to support our citizens and first responders to ensure that as a nation we work together to build, sustain, and improve our capability to prepare for, protect against, respond to, recover from, and mitigate all hazards."

May 2011

PROPERTY OWNER QUESTIONNAIRE - Hillsborough County

Please fill out and return to the address or fax number at the bottom.

List Names of all Owner(s)	
Telephone	Day Evening
Property Address	
Mailing Address (if different from above)	

Background: The Flood Mitigation Assistance Program may give you the chance to move out of the floodplain. If your home is acquired, the purchase price may be based on a pre-flood real estate appraisal. This program is voluntary and Hillsborough County will not use its power of eminent domain to mitigate or purchase properties. But as you make your decision, remember past floods and please understand that more floods are likely.

Important: KEEP COPIES of all paperwork, including disaster assistance, disaster loans, insurance claim payments, and receipts for repair work.

Please use the space below to tell us what questions you have.

Please tell us how interested you are in being part of a floodplain buyout or elevation project. This is NOT a commitment.

Buyout:

- Very interested Somewhat interested Undecided Definitely not interested

Elevation / Retrofit:

- Very interested Somewhat interested Undecided Definitely not interested

RETURN TO:

William (Bill) Twaite, Contracts Manager, Hazard Mitigation Program
 Technical Services Division, Hillsborough County Public Works Department
 601 E. Kennedy Blvd, Floor #22
 Tampa, FL 33602
 p: 813-276-8245 fax: 813-307-8361
 e: twaitew@HillsboroughCounty.org

Hillsborough County

Community Rating System Annual Certification

Activity 510

Floodplain Management Plan's Annual Progress Report

Activities 502 (510 Annual Report in included within this Section) – Repetitive Flood-Loss Outreach

The County continues to notify repetitive flood-loss property owners about the risk of living within the Special Flood and Coastal High Hazard Areas and about programs that are available to assist in removing the structure from being designated as such a structure. In addition, the communiqué illustrates that County team members are available to assist through the process. During this reporting period, the Hillsborough County Board of County Commissioners did collaborate with the State and the City of Tampa in working with residents regarding potential grant programs and providing assistance.

This Section includes at the end, a summary of the rainfall event that occurred during the past reporting period (2014-2015). Although, it was not a 24-hour, one-percent, probability event, it is identified as a historical occurrence in which rainfall occurred and impacted homes.

Hillsborough County
2014-2015 Floodplain Management Plan (and Repetitive Loss)
Annual Progress -- Activity 510

Annual recertification: This report serves to meet the annual certification requirement of Hillsborough County due to the number of repetitive flood-loss structures and as a participant with the National Flood Insurance Program Community Rating System (NFIP/CRS). The annual certification augments information provided within the Hillsborough County Floodplain Management Plan (FPMP), beginning on page 20 of the FPMP, and within the LMS, Sections I; and Section V. The adopted annual Community Rating System outreach is also identified within respective documents beginning on page 37 of the FPMP and within the LMS. References made within documents continue to list accomplishments associated in the implementation of the Floodplain Management Plan. These items serve as minimum outreach tasks and are addressed similarly each annual period.

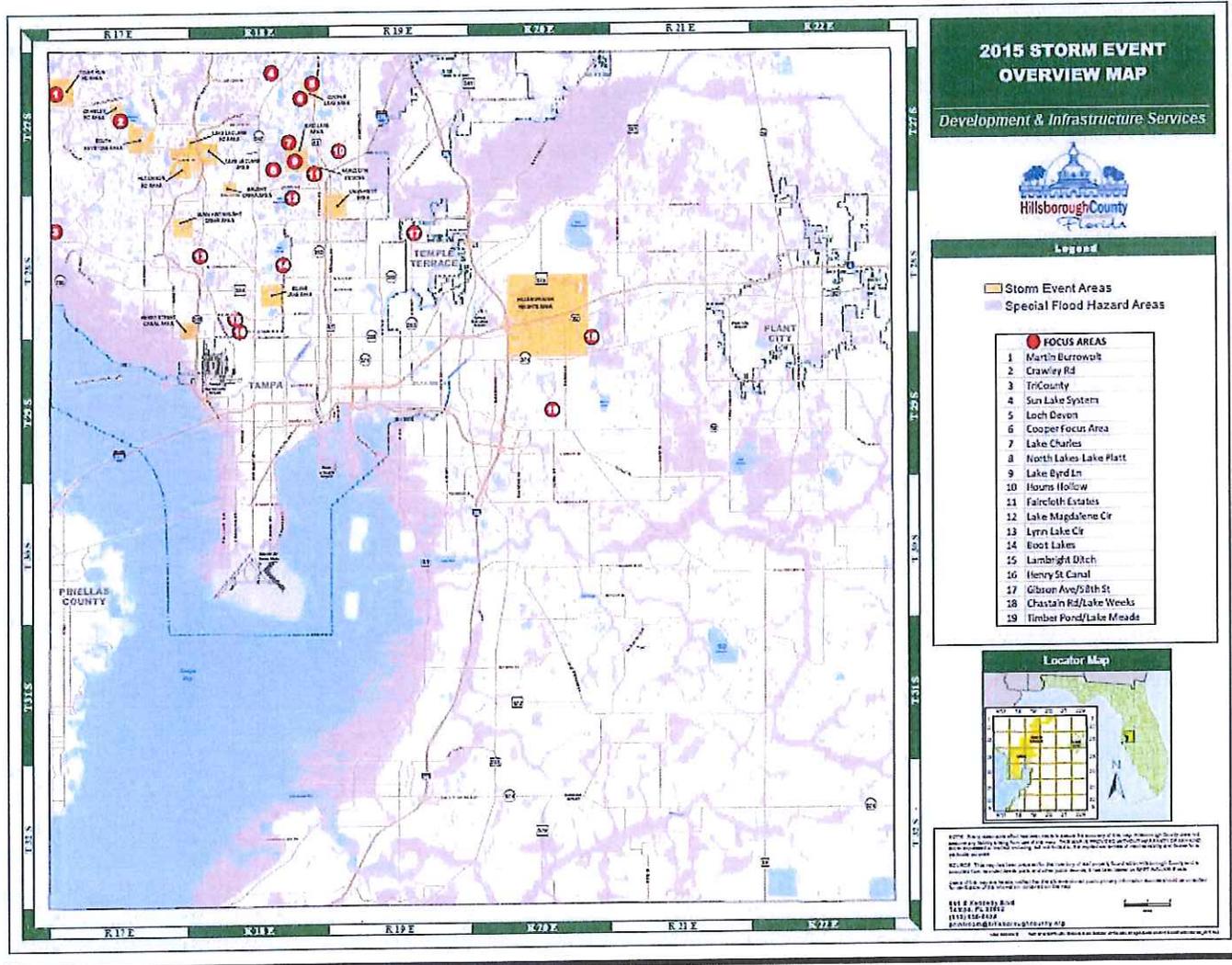
During the past year, Hillsborough County maintained the FPMP, which the approving resolution is on the website. The FPMP was approved through the resolution on September 22, 2010 and serves to instruct the Local Mitigation Strategy (LMS) Working Group to continue monitoring implementation of the FPMP. Currently, an update process is underway in which the LMS has recently been update. The document was sent to the Board for adoption on July 15, 2015. Board of County Commissioners adopted said document and it was subsequently approved by the Federal Emergency Management Agency (FEMA) in July/August 2015.

Progress report: The progress report was prepared by the Floodplain Administrator and CRS Coordinator (also certified planner). For credit under the Community Rating System, this information has been provided at a public meeting and has been made available to the media and the public. Copies of this report, the Local Mitigation Strategy (as the Floodplain Management Plan) are available for review through the Hillsborough County Technical Services Division, Hazard Mitigation, 601 East Kennedy Boulevard, 22nd Floor, Tampa, Florida 33602. Additionally, this report (as Appendix O of the LMS) and the Local Mitigation Strategy (as the Floodplain Management Plan) are availability on the Hillsborough County website.

This report is prepared for submittal for continued credit under the National Flood Insurance Program Community Rating System (NFIPCRS). It is designed to provide a short update and report on accomplishments toward implementing the County's Floodplain Management Plan (and Repetitive Flood-Loss Plan). Copies of this report have been distributed for dissemination and forwarded to the Board of County Commissioners. Additionally, a copy of this report, following adoption, will be submitted to the State and Federal Emergency Management agencies as part the County's annual CRS recertification; unless, identified as distributed through the County's Insurance Service Office (ISO) representative.

1. Name of the Floodplain Management Plan: Hillsborough County Local Mitigation Strategy and Floodplain Management Plan.
2. Date Adopted: The initial adoption of the Floodplain Management Plan was adopted in May 1998, and subsequently with updates to the Local Mitigation Strategy in 2004, 2006, and 2010, and as amended through the adoption of Appendix O as the Supplement to the LMS on September 22, 2010 (readopted on July 15, 2015). The all-hazards document (Local Mitigation Strategy) has been reviewed and approved for content by the State of Florida and the Federal Emergency Management Agency (FEMA). The LMS was initially adopted in 1999 by the Board of County Commissioners. The County completed a major map modernization activity as a Cooperating Technical Partner with FEMA and replaced current effective maps on August 28, 2008 with a countywide Digital Flood Insurance Rate Map (DFIRM). A modification to four panels and the FIRM index will become effective on September 27, 2013 due to a Physical Map Revision. Additionally, a countywide re-study is underway by FEMA for coastal areas and by the County for inland and riverine areas. It is anticipated that revised Flood Insurance Rate maps will be approved in 2017 or 2018.
3. Location where copies are available for review: Hillsborough County Technical Services Division, Hazard Mitigation, 601 East Kennedy Boulevard, 22nd Floor, Tampa, Florida 33602.
4. Summary of any floods that occurred during the year: During the 2014-2015 reporting period, the County did experience widespread flooding within the northern area of the county. The affected area of heavy rainfall occurred mostly within the northwest area of the County, and the graphic on the next page illustrates areas.

SUMMARY MAP OF STRUCTURAL FLOOD DAMAGES: JULY-AUGUST 2015



SUMMARY OF FLOOD IMPACTS

Total Residential Impact, Unincorporated County (As of Aug. 19)

Total Reported	124	
Total Rptd Primary Residence		101
Second Home		3
SF	106	
MF	17	
MH	9	
Owner	90	
Renter	29	
Total Estimated Loss (Bldg, Contents, Land, Other)	\$1,228,220.00	
Total Assessed Bldg Value	\$10,540,486.00	
Total Reported Built Before Higher Standards (1980)	30	
Total in Flood Hazard Area	93	
Total Reported with Flood Insurance	30	
Total Reported within Rep. Flood Loss Area	76	
Total Affected with Damage	66	
Total Reported Minor Damage	58	
Total Reported Major Damage	8	
Total Reported Destroyed	0	

Total Business Impact, Unincorporated County (As of Aug. 19)

Total Businesses Reported	14	
Total Owned		4
Total Tenant		8
Unknown Occupancy		2
Total Estimated Loss (Bldg, Contents, Land, Other)	\$567,763.00	
Total Assessed Bldg Value	\$143,575,413.00	
Total Reported Built Before Higher Standards (1980)	9	
Total in Flood Hazard Area	3	
Total Reported with Flood Insurance	0	
Total Reported within Rep. Flood Loss Area	2	
Total Affected		
Total Reported Minor Damage	11	
Total Reported Major Damage	2	
Total Reported Destroyed	0	

2015 Summer Rainfall Analysis

Public Works Department, Hillsborough County (draft)

(September 9, 2015)

The summer of 2015 is a very wet summer in most of Hillsborough County. On September 5, 2015, the National Oceanic And Atmospheric Administration (NOAA) released a report for the total rainfalls in the 2015 summer. The rainfall information was collected from U.S. Geological Survey (USGS), Southwest Florida Water Management District (SWFWMD), Community Collaborative Rain, Hail and Snow Network (CoCoRaHS), Tampa International Airport (TIA), Florida Automated Weather Network (FAWN), and National Weather Service Cooperative Observer Program (COOP), etc. Following summary is based on the information of the report. The analysis is mainly based on the rainfall information of USGS's East Lake gauge, for this gauge is located at the center of the county.

- June 2015

Figure 1 shows the county wide rainfall distribution in June 2015. In Hillsborough County, the average rainfall in June is 6.68 inches. Figure 1 shows that the total rainfall in June in most of Hillsborough is above the average. Figure 2 shows the rainfall distribution at the East Lake area. The peak 24 hour rainfall, which is about 5.5 inches, happened on 10-11, 2015, which is equivalent to a mean annual design storm event.

- July 2015

Figure 3 shows the county wide rainfall distribution in June 2015. In Hillsborough County, the average rainfall in July is 7.07 inches. Figure 3 shows that the total rainfall in July in Hillsborough is much higher than the average. In the northwest area, the total rainfall is more than double of the average rainfall. Figure 4 shows the rainfall distribution at the East Lake area: the continuous rainfall started from July 23; the peak 24 hour rainfall is about 7 inches, which is equivalent to a 10 year/24 hour design storm event.

- August 2015

Figure 5 shows the county wide rainfall distribution in August 2015. In Hillsborough County, the average rainfall in August is 7.77 inches. Figure 5 shows that the total rainfall in August in Hillsborough is much higher than the average. In the northwest area, the total rainfall is more than double of the average rainfall. The heaviest rainfall occurred in the Rocky/Brushy watershed, which had three times of average rainfall. The Duck Pond area also experienced about three times of average rainfall. Figure 6 shows the rainfall distribution at the East Lake area: the peak 24 hour rainfall is about 6 inches, which is equivalent to a 5 year/24 hour design storm event. However, from July 25 to August 3, the peak 10 days rainfall is between a 50 year/10 day and 100 year/10 day event.

- Summer 2015

Figure 7 shows the county wide rainfall distribution in the summer of 2015 (June, July, and August). In Hillsborough County, the average rainfall in summer is 21.5 inches. Figure 7 shows that the total rainfall in the summer of 2015 in Hillsborough is much higher than the average. In the northwest area, the total rainfall is more than double of the average rainfall. The heaviest rainfall occurred in the East Lake and Duck Pond watersheds, which had more than double of average rainfall. Figure 8 shows the rainfall distribution at the East Lake area. The average yearly total rainfall in Hillsborough County is 46.3 inches. The total summer rainfall in the East Lake area is 48.6 inches, which is more than 2 inches more than the average yearly rainfall.

- Summary

1. The duration of 2015 summer rainfall is very long, event by event. The total amount of the rainfall is way above the average. It is the third wettest August, fifth wettest summer, and the number one wettest July + August. Such kind of rainfall usually causes flooding in closed basins, and/or the areas that lack of outfall maintenance. The duration of flooding is long.
2. The intensity of this summer's rainfall is not as big as 2012 Tropical storm Debbie. This is why that the road flooding of this summer is less than the road flooding caused by 2012 Tropical Storm Debbie, which has more 100 roads closed, compared with 45 of road flooding of this summer.

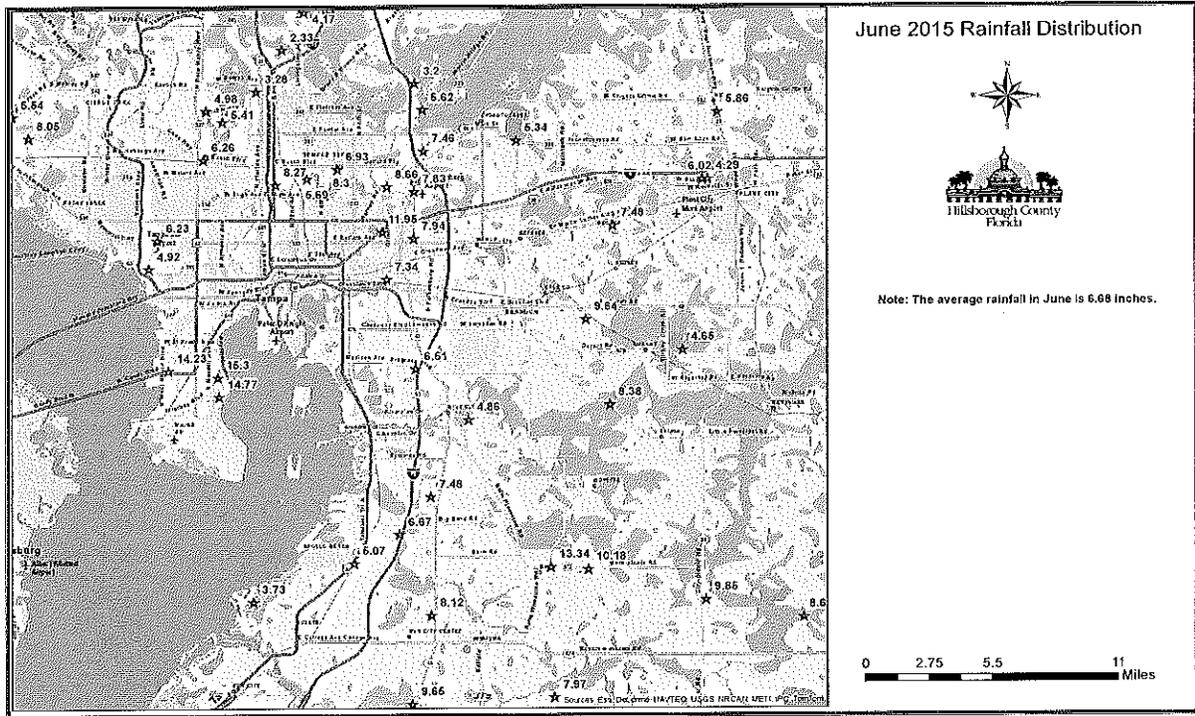


Figure 1 June 2015 Rainfall Distribution



USGS 275917082222500 EAST LAKE RAINFALL AT ORIENT ROAD NEAR TAMPA FL

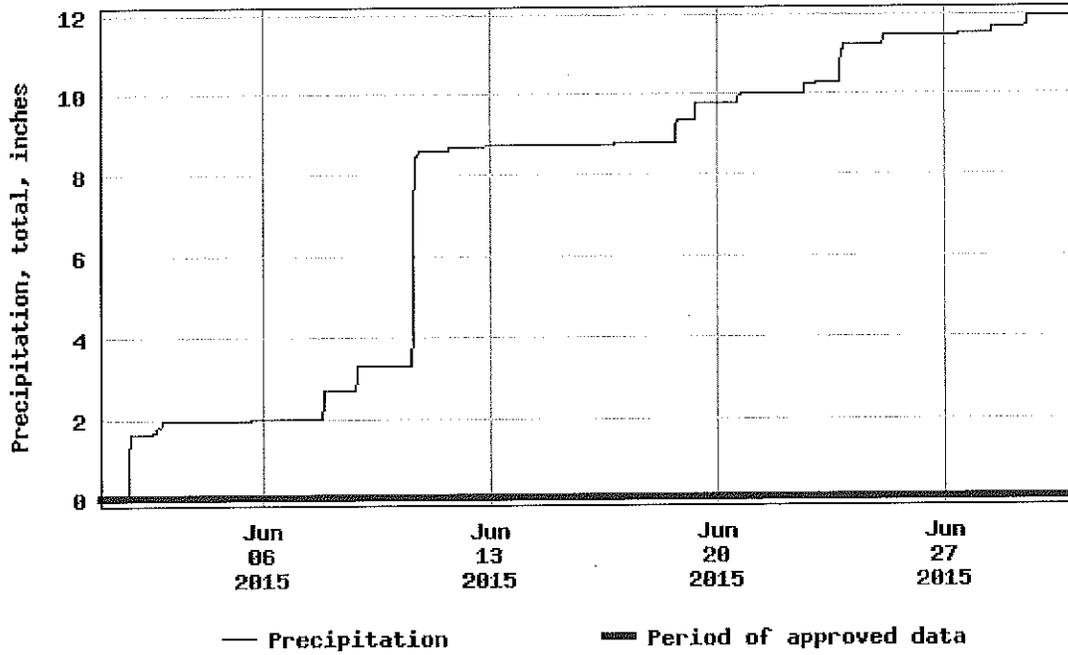


Figure 2 East Lake Area Rainfall Distribution in June 2015

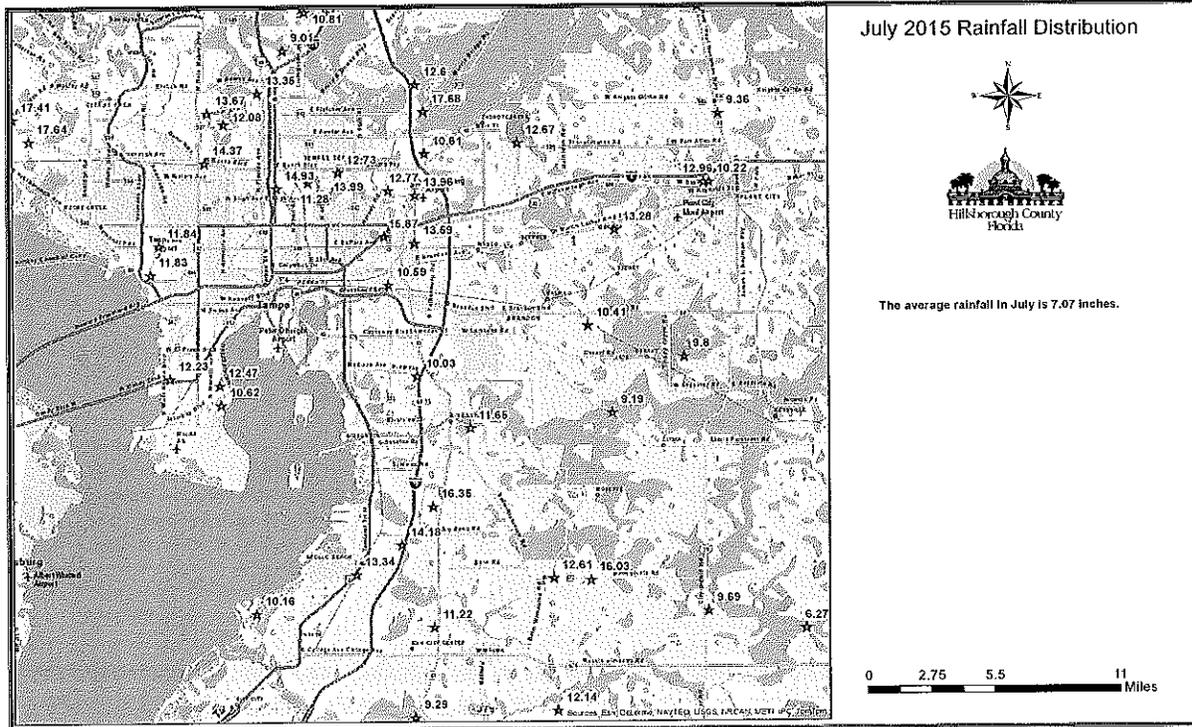


Figure 3 July 2015 Rainfall Distribution

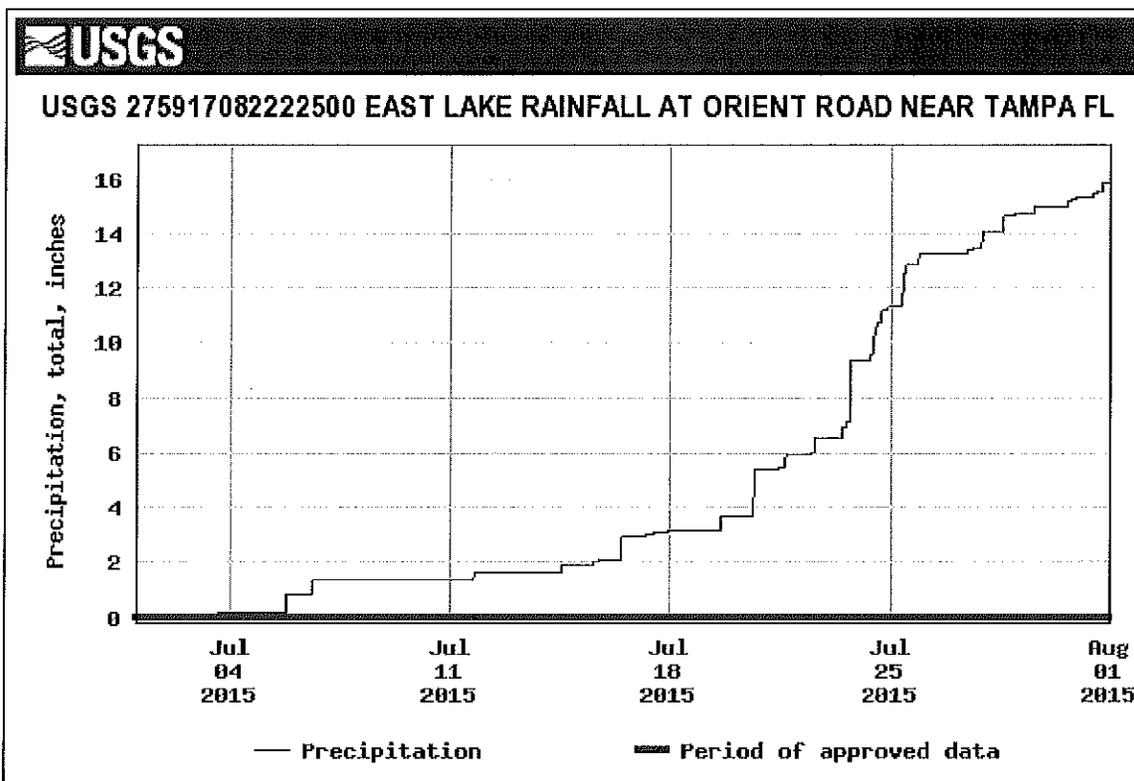


Figure 4 East Lake Area Rainfall Distribution in July 2015

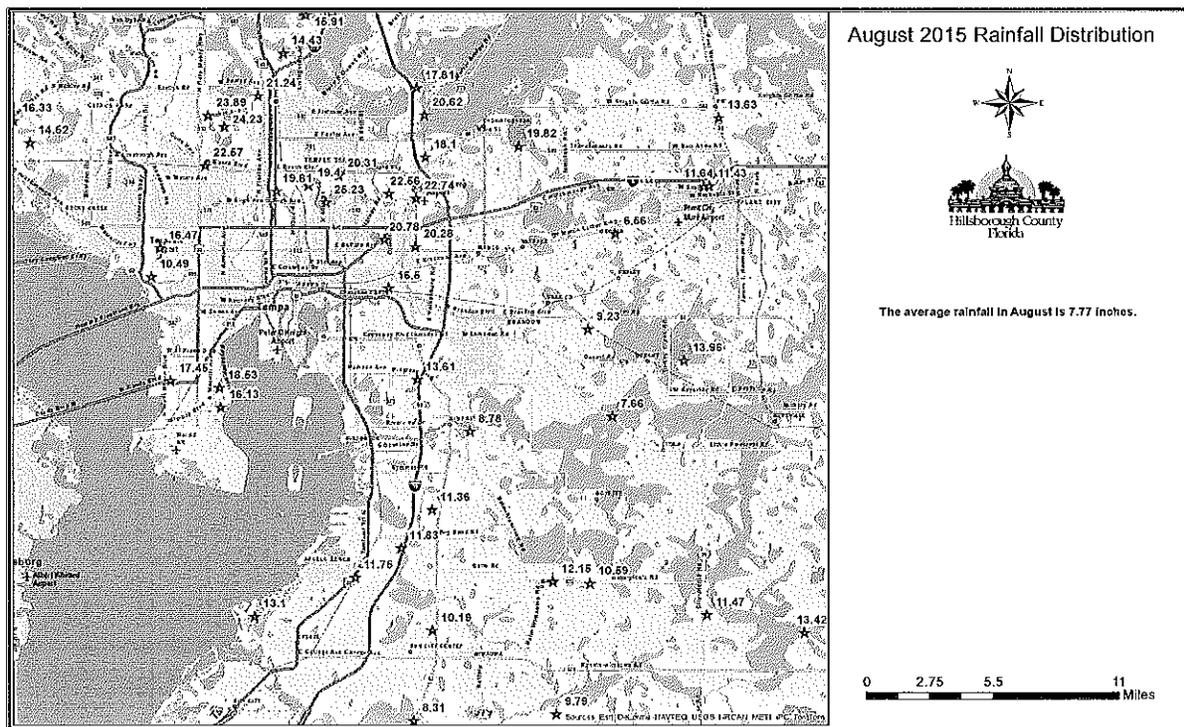


Figure 5 August 2015 Rainfall Distribution

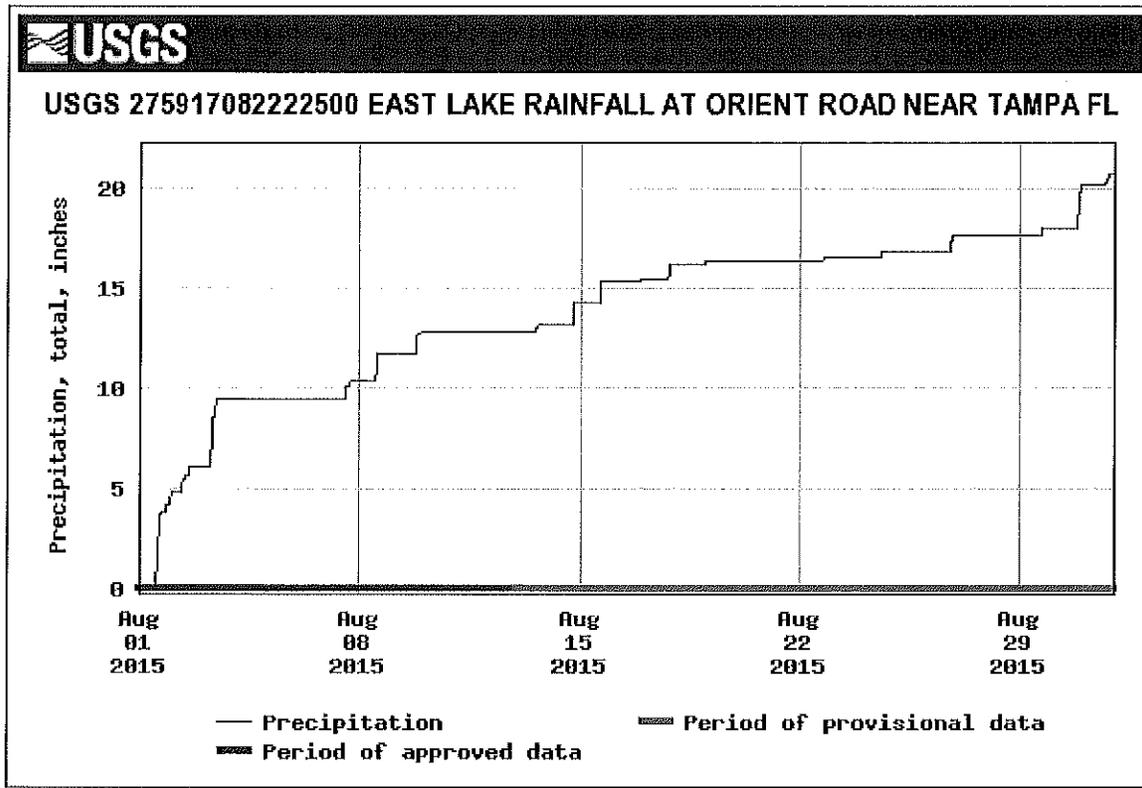


Figure 6 East Lake Area Rainfall Distribution in August 2015

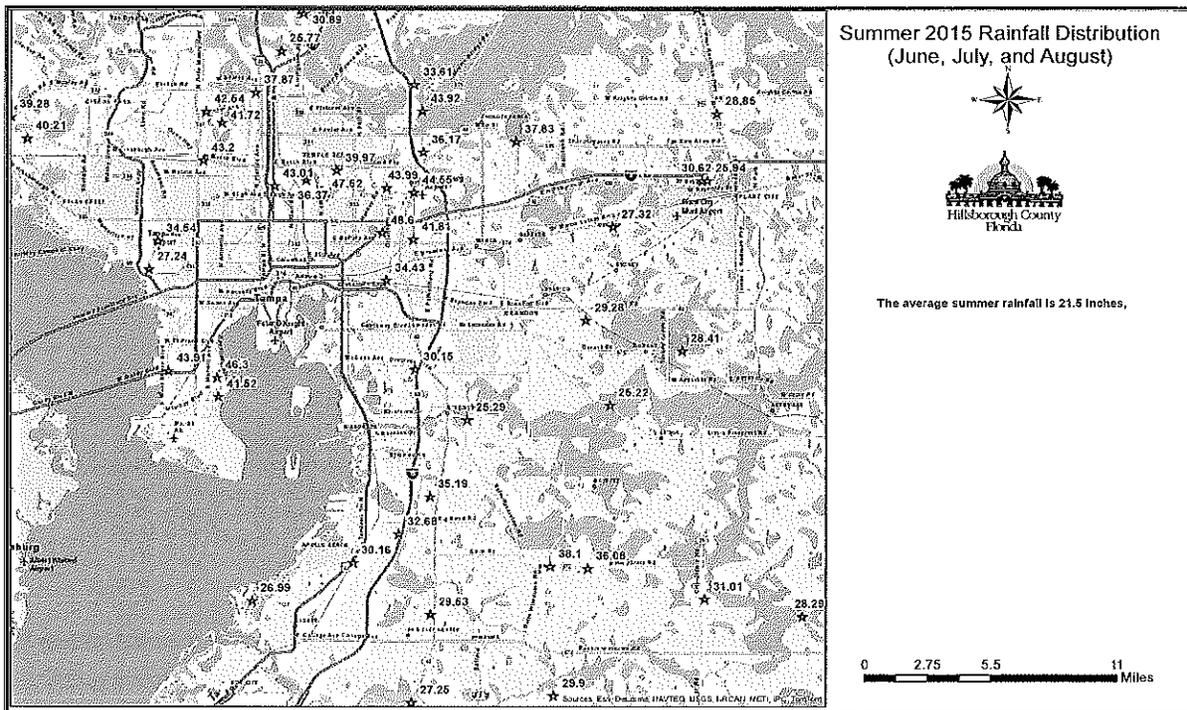


Figure 7 2015 Summer Rainfall Distribution

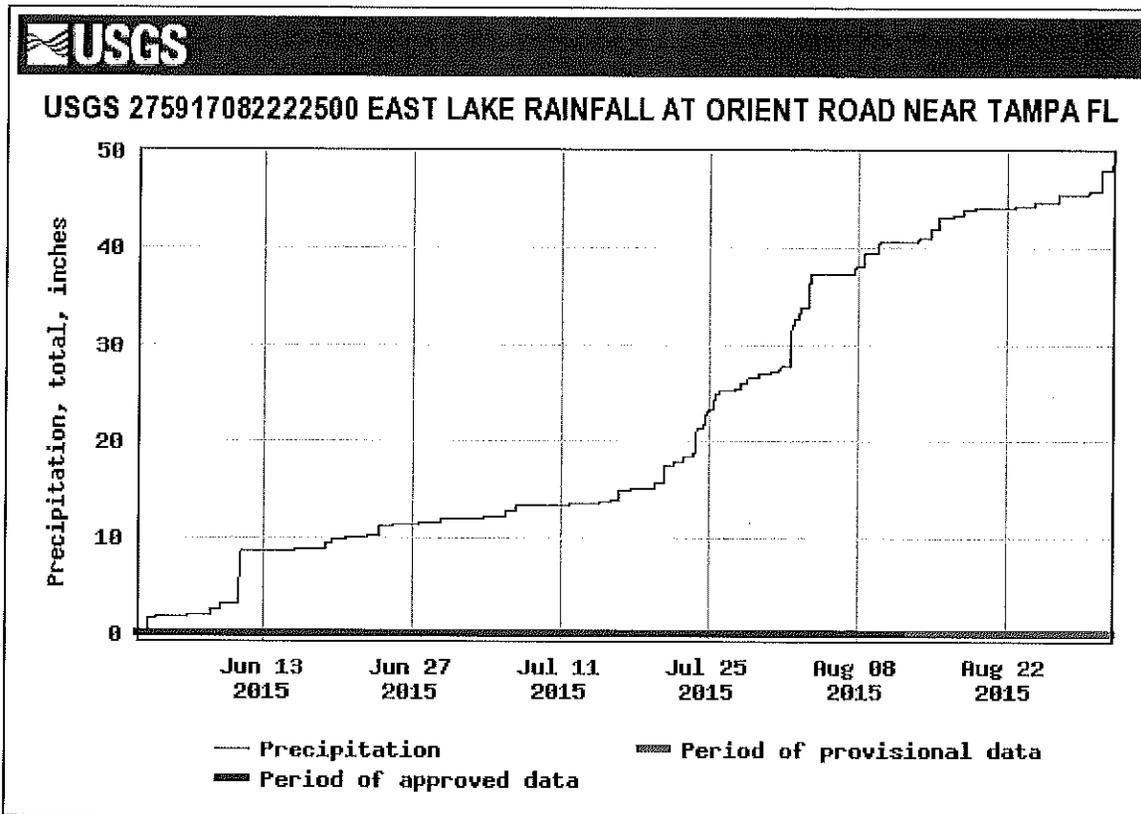


Figure 8 East Lake Area Rainfall Distribution in Summer 2015

5. Based on the information, the event exceed a 50 year storm event, but conditions were exasperated due to continued rainfall over several weeks. This condition retained stormwater storage areas and maintained high groundwater level. This information was derived and compiled by Junshan Su, PE, PhD of the Hillsborough County Public Works Department, Technical Services Division, which is updating information that may update this report.
6. Other than the event listed above, there had not been any other significant and widespread flooding events that affected greater than 10 units or greater than \$50,000 property in which flood water entered into a residential or commercial building during any single event this reporting period per the understanding of staff. Assessments continue within affected areas and are performed through the Public Works Department, Stormwater Section. Additionally, the County continues to prepare for the affects of strong and severe tropical thunderstorms and potential tropical cyclones, and County employees have taken the opportunity to work in response and recovery activities associated with potential impacts. Additionally, County employees through coordination with all local (municipalities included) and participating private entities performed exercises in the event of floods, tropical storm emergencies, and other disasters.
7. What impact did floods have on repetitive flood loss areas? The flooding event that occurred during July and August did impact known repetitive flood-loss areas. Tables below illustrate a summary of affected structures and the number of repetitive flood-loss structures.
6. The section objectives and Action Plan lists objectives of the Plan: There is a guiding goal within the Local Mitigation Strategy (the all-hazards guiding document) and number goals that have been approved through the planning process in which floodplain management objectives and action items have been implemented (Tables 2 through 4). Reports to goals and objectives are listed below and are provided on an annual basis to identify the status in meeting actions to implement the County's participation with the National Flood Insurance Program Community Rating System. A guiding goal and four objectives are a part of the Local Mitigation Strategy(LMS) and are listed below in Table 1 (also within the LMS, Section V, Page V-1 and within the FPMP Table 9 through Table 13), which are accompanied by goals and objectives that have been adopted to specifically address floodplain management. Also refer to the report for Activity 330 within this packet.

**TABLE 1
LOCAL MITIGATION STRATEGY GUIDING PRINCIPALS**

MITIGATION	GUIDING PRINCIPAL	DESCRIPTION
OBJECTIVES	Public Education	Increase public awareness in the use of mitigation programs and techniques to reduce the impacts of natural and society-based hazards.
	Coordination	Coordinate public and private sector participation in identifying and managing and/or implementing mitigation projects and measures throughout Hillsborough County.
	Development Management	Identify and implement a combination of regulatory, incentive and initiative programs that will reduce potential loss and would encourage participation in ongoing hazard mitigation.
	Critical Facilities	Develop and maintain an inventory management system on all data affecting hazard mitigation.

The County continues to perform activities to implement guiding principals. Activity 330 of this packet provides added insight with respect to performing outreach to the public and industry partners. The County has conducted public workshops to illustrate programs and techniques to reduce impacts of natural (and society-based) disasters. Through working with three groups sanctioned by the Board of County Commissioners, staff have continue to integrate mitigation initiatives into the community. Committees in which the Hazard Mitigation Program stewards and has worked with respect to hazard mitigation are: the Local Mitigation Strategy Working Group (includes the CRS Committee and its Steering Committee) and the Citizen Corps Council. Additionally, the team has worked similarly with the Community Organizations Assisting in Disasters (COAD) and the Hillsborough County Long-

term Redevelopment Program (HELP). Two communitywide committees that are instrumental in working with residents and businesses prepare and recover from disasters.

Hillsborough County development review agencies continue to implement higher standards; whereby, developments and structures are developed and constructed to standards that better protect property ownership and property. Levels of implementation continue to include ensuring compensatory storage is required of development approvals that allow for earthen fill to be placed within Special Flood Hazard Areas affected by stormwater, and ensuring new or substantially improved structures are built to a higher elevation than minimum base-flood elevations. With development, the County continues to manage an inventory of critical facilities; however, the County is in a transition process; whereby, the Critical Facility database is reviewed by public and private entities and the database is officially stored within the County's Geomatic agency.

Regarding repetitive flood-losses, the following are specific activities that have been incorporated in the Hillsborough County planning process since the initial adoption of the Floodplain Management Plan in 1998 (revision adopted in 2010, with the LMS update adopted in July 2015). The activities continue and are associated with repetitive flood-loss protection and are:

- Identify repetitive loss properties and monitoring. The official repetitive loss list from the State has been considerably reduced; however, this list is only associated with those properties with Flood Mitigation Assistance grant eligibility. The County continues to work with the FEMA repetitive flood-loss list, which are listed on AW 501 forms. In addition, the County continues to update stormwater models, which have sections that identify County government repetitive flood-loss areas that are consistent with the identification of flood-losses shown through the Federal flood-insurance program. The review of the repetitive flood-loss list and the Federal flood-insurance claim listing to verify flooding events. In this year's flood event, repetitive flood-loss properties were affected. The County has just received information regarding repetitive flood claims data; and the County has begun to review the data, which is a constrained effort due to changes in staff, ongoing impacts into flood areas, and constrained resources.
- Ensure properties and properties within repetitive-loss areas are sent informational notices annually (Appendix O, Attachment 18 and 19). The listing of properties that receive notices within the repetitive loss areas has changed due filtering multiple owners and vacant lots. The actual number of notices sent 16,483 (40,761 non-RL SFHA). The task of notification was out-for-bid in late August. Mailouts to respective properties is schedule for September – the writing of this report.
- Inspect all new repetitive loss properties. Permit records researched and AW 501 forms have received an initial review. The County has not performed an organized and comprehensive field review of addresses associated with AW 501 forms due to resource constraints. Additionally, the County does not have a record of an increase in the number of repetitive flood-loss structure.
- Request that FEMA annually notify the County of all flood claims processed. Information was requested in late. The late request was due to resource constraints. The program has received an increase of one added Full-Time Equivalent position, which has been assigned this task in the coming year; however, within one year the employee was offered another County position paying twice as much. The Hazard Mitigation Section is in the process of filling the vacant position. The added resource will be effective in meeting needs associated with maintenance to reviewing flood-losses and repetitive loss properties.
- Provide a report to the County Administrator on any emerging patterns of flooding. There are not any added patterns to flooding within Hillsborough County, which such information is tracked within the Public Works Technical Services Division of the Public Works Department. However, two areas in which residents did not have flood insurance and areas were outside of the SFHA were flooded with possible contribution of impacts to an infrastructure issue.

Objective accomplishments of the Floodplain Management Plan (Annual Progress Report) have been reviewed within the aforementioned as such related to guiding principals. In addition and listed below is a review of the County's progress in meeting specific Floodplain Management Plan (FPMP) goals, objectives and action statements that are more specific to floodplain management. This specificity assists the County in implementing the Community Rating System (CRS), which grades the various community floodplain management programs and reduces flood-insurance premiums in those communities that meet certain requirements. To verify activities in

which the County pursues to better protect the community and property, the County is reviewed with respect to compliance with the CRS program by the Insurance Service Office (ISO). In order to reduce the potential for personal/property losses in flood prone areas and ensure the lowest possible flood insurance premiums for residents and businesses, Hillsborough County has developed the FPMP, which has been approved as a part of the Local Mitigation Strategy. The Local Mitigation Strategy is under review and update, which the Hazard Mitigation team has sought community input through five community outreach meetings, which are in addition to meetings with the Local Mitigation Strategy Working Group, the Planning Commission, and the Steering Committee.

Goal 1 - Provide leadership in protecting low-income properties and public housing from the impacts of floods. The County's Office of Emergency Management, Public Works, and Development Services have coordinated to review hazards and work to alleviate flooding problems. Furthermore, the County's Public Works Department is working to repair and enhance drainage in a low to moderately-low income areas known to have flooding issues.

Additionally, the County's Technical Services, Building Services, and Office of Emergency Management continue to work with the Planning Commission when requested to work with developers in the Coastal Planning Area to analyze protection of new larger developments with respect to flood hazards; however, due to resource constraints and modifications to the organization teams have not been in the position to conduct comprehensive reviews. This is to ensure maximum protection within areas of mandatory evacuation during a severe storm event.

Goal 2 - Prevent new development in the floodplain from increasing runoff and resulting increases in flood volumes in the floodplain. The County protects wetland and significant wildlife habitat areas through regulations implemented through the County's Natural Resources agency and the Environmental Protection Council. The County's development regulations offer another avenue of protection to persons and property through the Land Development Regulations and plan-review processes. Regulatory processes through agencies under the Board of County Commissioners have worked well in identifying areas of conservation and preservation for the benefit of protecting persons and property that serve to provide watershed storage areas and buffer areas to flood high-hazard areas. These regulations have also served to protect surrounding properties (County Land Development Regulations, 2011).

The County has delegated authority of reviewing requests to deviate from standards identified within the Flood Damage Control Regulations to the Hillsborough County Building Board (Part 9 of the Land Development Code and Chapter 3 of the Construction Code). During the preceding 12 months, the Building Board did not review requests to deviate from the County's minimum standards. It must be noted that the Building Board has not allowed a deviation from regulations to the minimum standards listed in 44 Codes of Federal Regulations associated with the County's voluntary participation in the National Flood Insurance Program.

Regulations enforced through the Development Services Department and the Environmental Protection Council have restricted and manage development activity in the floodplain by limiting wetlands encroachment while also preserving open space. This process continues through primarily limiting impervious surface and preservation of critical upland habitat and wetland areas with development approvals. The County's Environmental Lands Acquisition Program ELAPP is in the Unincorporated Special Flood Hazard Area and this, along with other preservation and public land, accounts for greater than 30% of the County's entire unincorporated SFHA.

The County did perform a permissive revision to the Stormwater Management Technical Manual; which updated the permissible width (dimension) associated with detention and retention ponds during the past year. In the coming year, there will be changes to the Stormwater Technical Manual that will be properly reported.

Goal 3 - Develop a public awareness program that informs all property owners in the flood zones that they are located in a flood zone. The County has provided assistance to residential flood-loss victims through various avenues that have included letters, telephone calls, E-mails and site visits. County staff site visits include providing assistance to residents in evaluating potential hazards to a structure, which is provided through a certified planner or a licensed engineer (most times by both).

Residents, both existing and potential, can access information relating to the floodplains at County Permit Services Centers and via the Internet through FEMA's Hazard Maps and through the Property Appraiser's site. Floodplain

determinations can be requested that provide an official determination of whether a property is located, fully or partially, within a floodplain. Additionally, the County has mapped the floodplains on its Geographical Information System (GIS), and has worked with FEMA to update County Flood Insurance Rate Maps – most recent holistic modifications became effective on August 28, 2008 with modifications performed through a Physical Map Revision becoming effective on September 27, 2013.

Flood zone and other flood mapping information are available through the County's Technical Services Division and Building Services Divisions. This local information is currently publicized in flood insurance informational brochures located at the County Administration building and at public libraries. The preceding year illustrates customers being assisted in determining whether their properties were designated as within a Special Flood Hazard Area (designated person's assistance to customers, these numbers do not reflect assistance provided through other agencies or indirectly).

Other flood protection measures primarily involve the elevation of pre Flood Insurance Rate Map (FIRM) structures. Information on other floodproofing techniques (such as the use of a berm, flood walls, etc) is mailed to property owners with repetitive flood-loss structures and to known flood prone structures on an annual basis.

Additionally, coordination of emergency services during times of flooding is through the Office of Emergency Management (OEM). The OEM is responsible for coordinating publication of the County's annual evacuation and severe weather warning publication and in activating the County's warning systems. Other groups within the County provide flood information. These groups include the National Weather Service, the State of Florida Department of Emergency Management, the Water Management District, the American Red Cross, the Tampa Bay Regional Planning Council and the various cities (the County and Cities work closely in disseminating information).

Goal 4 - Provide advice and assistance to property owners concerning the protection of their properties from flooding, local drainage and sewer back-up problems. The County has an aggressive public outreach program. During the preceding review period, the County's Community Rating System Outreach Committee identified outreach projects that are directly associated with furthering local efforts in educating residents about flood hazards and the National Flood Insurance Program (see activity 330). Additionally, the County's emergency-management initiatives have included educating various groups about various hazards and measures of protection (including flooding) through groups such as Chambers of Commerce, City/County forums, and business groups. These activities have assisted greatly in educating businesses (and residents). During the past year, the Tampa Electric Company and the County (through the Utility bill) have also assisted through mail-outs and notification to the community.

Additionally, the County has provided assistance to residential flood-loss victims through various avenues that have included letters, telephone calls, E-mails and site visits. County staff site visits include providing assistance to residents in evaluating potential hazards to a structure, which is provided through a certified planner and/or a licensed engineer. Also, during the past year staff has assisted two additional residents enter into the Federal Severe Repetitive Loss (SRL) program, which was in addition to two awarded SRL grants and one FMA grant awaiting funding.

Goal 5 - Develop an aggressive program to identify and obtain funding for both pre- and post-disaster mitigation projects. The County currently has an aggressive plan that seeks to relieve flooding problems within the unincorporated area of the county. To augment this effort, staff had received funding to provide notification to those as designated within the Special Flood Hazard Area. This has been identified previously, but is included as a reminder of the continuation of the program. Other projects continued are associated with stormwater capital projects, stormwater master plan updates, and asset management of the stormwater systems and respective weighting of maintenance. The County also continues to work with other entities in the review of potential impacts to the community due to changes to the National Flood Insurance Program (NFIP) and affects from climate change that includes the review of sea level increase.

Goal 6 - Continue and enhance existing programs that acquire wetland areas for passive recreation uses while providing significant watershed volume storage and buffer areas from the floodplain. The County aggressively

pursues the acquisition of significant habitats that benefit the community in numerous avenues. Staff working with the county's Environmental Lands Acquisition and Protection Program continues to aggressively acquire wetland and upland areas that can be used for watershed volume storage and floodplain buffer areas.

Additionally, the County protects wetland and significant wildlife habitat areas through regulations implemented through the County's Environmental Protection Council. The County's development regulations offer another avenue of protection to persons and property through Land Development Regulations and plan-review processes. Regulatory processes implemented through agencies under the Board of County Commissioners have worked well in identifying areas of conservation and preservation for the benefit of protecting persons and property and that serve to provide watershed storage and designated floodplain buffer areas. These regulations have also served to have developments protect surrounding properties.

The County also has a very good recreation program. Through this program and similar initiatives through State and Federal agencies, the County contains resource-based open space that also serves as watershed volume storage and buffers to various categories of floodplains.

Goal 7 - Prioritize capital projects that will mitigate flood impacts in those areas of the County that have experienced significant flooding problems. While developing the Local Mitigation Strategy (adopted by the Board of County Commissioners), the Hazard Mitigation Section worked with a countywide Local Mitigation Strategy (LMS) Committee to design a prioritization system for mitigation activities. Through the use of this system, the LMS Committee ranked various mitigation projects with respect to the risk to the community, to the number of persons affected, and meeting objectives of the Local Mitigation Strategy. This information has been used in requesting funds from the State and Federal agencies. Additionally, the list of prioritized projects within the LMS was developed by taking into consideration current programs implemented through the Public Works Department, which included the current county-wide drainage studies and County stormwater programs. Additionally, the County's Public Works Department's Stormwater Section has aggressively addressed flooding hazards throughout the County through a five-year Capital Improvements Program.

Goal 8 - Develop the ability and personnel to review all capital projects in terms of a comprehensive analysis of hazard mitigation opportunities. This activity should include the assignment of a full-time hazard mitigation planner. This task continues (also see text under Goal 7). The past Planning and Growth Management Department has been dissolved and the Hazard Mitigation Section was moved into the Public Works Department with a greatly reduced resource base. In the development of the program and in 1998, the first assignment of the Hazard Mitigation Manager was to complete and have the Board of County Commissioners "adopt" a community Local Mitigation Strategy. It is the review of capital projects and prioritizing of mitigation projects within the capital projects list by the Local Mitigation Strategy Working Group that many projects are selected for consideration. These projects many times are associated with stormwater, flood protection, and infrastructure that is associated with floodplain management. The similar process does exist within cities within the County. The initial Strategy was adopted on August 18, 1999 and contains mechanisms that have Section staff evaluate capital improvement projects with respect to fulfilling hazard mitigation initiatives. This Strategy was subsequently used by the City of Tampa to address the need for a Floodplain Management Plan. In addition, members of the staff from Hillsborough County and members of the City of Tampa's staff have become Certified Floodplain Managers. The plan is in good standing.

Goal 9 - Continue to implement a hazard mitigation plan that will guide and assist the County in reviewing all new requests for development and in establishing priority for hazard mitigation projects. The County is in the process of updating analyses of risks to area residents and businesses. The community-wide document was compiled through an effort with input provided by both private and public sectors. Additionally, the community document identifies mitigation initiatives and lists prioritized projects that will assist in making the county a better prepared area against hazards that impact public/private agencies, businesses, and residents.

Current processes include reviewing areas susceptible to flooding (inland, riverine and coastal) and potential mitigation initiatives to further public safety protection and protect both public and private property. In review of various sources of data, analyses illustrate that post-FIRM structures within the Special Flood Hazard Area have not flooded due to significant natural events. This illustrates that current regulations and development review

procedures work with respect to ensuring new development is protected against risks associated with the one-percent probability of flooding.

As identified, a “Local Mitigation Strategy” (LMS) was adopted by the Board of County Commissioners on August 18, 1999. The LMS was updated in 2015 (annually reviewed and updated pursuant to Florida Statutes) to include recent activities and updates (it is recognized as compliant with the Disaster Mitigation Act of 2000 as well). This document was adopted by Hillsborough County and the three municipalities in fall of 2010. The LMS is currently under review and update. To further the LMS, the County adopted the Post-Disaster Redevelopment Plan during 2010.

Goal 10 - Review the effects and locations of areas that experience flooding and determine what steps, if any, the County can take to alleviate future impacts. Through work associated with the Local Mitigation Strategy (and the long-term redevelopment ordinance associated with disasters) and the annual review of areas and structures impact by repetitive floods, a review of past (minimal flooding during this reporting period) flooding “problems” was conducted by multiple agencies within the County. County staff principally identified that post-FIRM residential and business structures that are within the Special Flood Hazard Area have not flooded due to significant natural events. This fact illustrates future actions will remain as currently focused, which includes alleviating existing flooding problems, performing studies to better understand drainage patterns to better protect new and old developments, completing stormwater projects and continuing stormwater/drainage maintenance programs. This process is presently occurring.

Although the County is aggressively addressing stormwater-flooding issues, the County remains as a Category C jurisdiction with respect to the number of repetitive flood-loss structures. To assist in alleviating this issue, the Building Official will continue to have permit records monitored to ensure that property owners do not substantially improve structures susceptible to flooding unless steps are taken to have the structure brought into code compliance -- monitoring substantial improvements/damage. The current review period included meeting with numerous contractors and residents to review this issue.

Additionally, the County is continuing to assist residents and reduce potential impacts due to flooding disasters. The County will continue to work through its Hazard Mitigation Section efforts to remove structures from the Special Flood Hazard Areas (as resources allow), to educate citizens and businesses about flooding hazards, work with FEMA to update FIRMs and work towards minimizing threats to the community to both natural and society-based hazards. This includes educating citizens about flood and severe weather warning systems.

Repetitive Flood Loss Section: The unincorporated area of Hillsborough County has been identified as a National Flood Insurance Program category “C” community by the Federal Emergency Management Agency. A repetitive loss is defined as two (2) or more insurance claims in excess of \$1,000 each for the same property. A category “C” community is one in which ten (10) or more repetitive losses have occurred in the community. Because repetitive flood-loss properties represent approximately one third of the flood insurance claims processed by FEMA, they have made the adoption of a plan to address the specific properties in this classification a mandatory requirement for participation in the Community Rating System (CRS).

The possible activities that could be undertaken to reduce potential flooding to repetitive loss properties must be balanced with rights of property owners, the ability of the County to finance various activities and the potential benefits of those activities. Considering these variables, the County has undertaken the following:

- The Technical Services Division, Public Works Department has resource constraints and did perform some levels of work to update the list of repetitive loss properties, which in the past has requested to have permit records appropriately identified. The permit tracking system is used in the process of monitoring permit activity associated with specific structures to ensure construction activity (based upon reported values). (This process is as defined in the Flood Damage Control Regulations.)
- Pursuant to the requirements of the National Flood Insurance Program, the County through the Community Rating System Coordinator anticipates sending properties within repetitive-loss areas a brochure that that their homes are susceptible to flooding and include information on retrofitting, elevation, relocation and stormwater protection. In addition, these residences have routinely been provided notice when potential funding becomes available to mitigate future losses to their structures. During this year, the notification

letter included a notice of potential funding availability through HMA (FMA and SRL included) and HMGP grant programs. Added, properties within repetitive-loss areas have received the County's outreach brochure. Additionally, repetitive flood-loss properties are identified within the County's permit system, which information is made available to teams when permit applications for respective properties is requested.

- The Technical Services Division, Public Works Department during the past year did provide a cursory review AW forms. Because of resource constraints, the result of this assessment did not result in a comprehensively update.
- The Community Rating System Coordinator worked with the Stormwater section of Public Works to review flood losses. Although, a comprehensive review of areas susceptible to flooding were reviewed in the context of updates to Stormwater Master Plans, respective reviews have not provided significantly different data from what has been identified within the work that was performed in the past decade to address flood-protection along with supporting infrastructure. The actual process of reviewing flood-loss data is an annual task to identify to County managing staff any emerging patterns of flooding – there have not been identified any such patterns other than that associated with known areas. These patterns are used in the decision process for zoning changes and prioritization of capital projects listed (includes those that are listed within the LMS and is provided to the Public Works Department's Stormwater Section). There has not been a change to currently known patterns.

Flood Damage Prevention Action Plan: Taking into consideration the existing fiscal constraints in Hillsborough County and the realization that all floodplain management activities are conducted through various agency-operating budgets, the following action plan is designed to serve as a balanced, comprehensive program to mitigate and manage the impact of development activity in the floodplain.

- Prevention – Development Services Department, Planning and Zoning Division conducts County regulatory review activities associated with land-development requests, which includes reviewing the need for preservation of open space for mitigating impacts associated with development in identified floodplain area. The County's Land Development Code (LDC) and the Construction Code provide regulations that limit and manage development activity in the floodplain by limiting encroachment into wetlands and preserving open space. This is primarily accomplished by ensuring limitations on impervious surface and preservation of critical areas.
- Stormwater Management -- The enforcement of the Land Development Code to ensure requests for development retains and attenuates stormwater impacts. Specifically, the Stormwater Technical Manual continues to be used to regulate all development, whether it is located within or outside of the floodplain. The Stormwater Management Section of the Public Works Department evaluates each flood event to determine the effectiveness of recently constructed projects and identify potential additional projects or improvements. The County's budget includes funding for the alternatives identified in the revised Watershed Management Plans for the County's seventeen basins as identified in the Stormwater Management Element of the County's Comprehensive Plan, which have been adopted and used to update the Flood Insurance Rate Map – a modification did occur to FIRMs with four panels during the past year.
- Drainage System Maintenance -- The County continues to take the appropriate actions to maintain the County's stormwater management systems. The Water and Public Works Departments, through maintenance programs funded by its operating budget, maintains the stormwater conveyance systems to ensure that flooding impacts are minimized.
- Property Protection through Acquisition – There were no acquisitions during the current reporting period of October 2014 to September 2015. Since 1998, the County has used matching funds with State and Federal Funding (initiated through the Hazard Mitigation Program) to acquire or elevate 22 properties that have experienced repetitive losses due to flooding – one such project was completed this past year after four years of design and construction. Additionally, through land acquisition purchases by the Environmental Land Acquisition Program, the County will continue to remove property located in the floodplain from the impacts of development. The continuing implementation of this program regarding flood mitigation is important because the removal of property located in the floodplain and its preservation as resource-based recreation maintains storage capacity and removes respective floodplain areas from potential development. A complimentary benefit is the acquisition of adjacent uplands as open space further reduces the introduction of impervious surfaces that can contribute to flooding problems -- buffer to floodplains.
- Building Elevation -- Through the enforcement of the County's Flood Damage Control Regulations

(Ordinance) and in conjunction with its participation in the National Flood Insurance Program Community Rating System, structures located in floodplains will continue to be identified for elevation to mitigate for their location in flood-prone areas. The most recent project was completed during the past year. Previously, the Hazard Mitigation program looked into acquiring a repetitive flood-loss structure during the 2006 to 2007 reporting year; whereby, an award to a resident was obtained but the County could not identify the public good that outweighed the individual good for this situation due to associated continued maintenance. The County has begun to work with two grant beneficiaries to perform modified elevation projects in this reporting period. The County views this activity as a major contribution toward mitigating the impacts of flooding.

- Insurance -- The County will continue to actively participate in the National Flood Insurance Program. A major contribution to this effort is the recognition of the Community Rating System program is managed by a full-time staff member; however, the program has limited resources at this time. To this end, the County has developed a Hazard Mitigation program staffed full-time. As part of the program, it is recognized that a major emphasis should be placed on the education of those property owners who are located in the floodplain that they should secure flood insurance. Increased insurance policies will add protection to policyholders during times of flooding; for example, the magnitude of potential flooded structures may include about 42,000 structures indicated by FEMA or as great as 59,000 parcels that are (or could be) built upon (County data).
- Emergency Services -- The coordination of emergency services during times of flooding is through the Office of Emergency Management (OEM). The OEM is responsible for coordinating publication of the County's annual evacuation and severe weather warning publication and in activating the County's warning systems.
- Flood Warning -- When the National Weather Service issues flood watch or warnings, the Emergency Operation Center (EOC) initiates those activities appropriate to the potential threat of the event.
- Flood Response -- Through the EOC, the Public Works Department as an Emergency Service Function within the EOC furnishes sandbags to County residents at Public Works Department facilities located throughout the county. If evacuation is deemed necessary, the EOC opens shelters in affected areas and coordinates activities of the Sheriff's Office, the Health Department, the Red Cross Emergency Medical services and other agencies as required to accomplish a safe evacuation.
- Structural Projects -- The County's Stormwater Program was approved by the Board of County Commission in fiscal year 1998 and continues to be funded for implementation. These activities include projects that implement the County's Master Drainage Plan. County staff reviews, evaluates and prioritizes needs so that available funding is allocated to those projects that are most critical in alleviating flood impacts.
- Storm Sewers -- The County, as part of its Capital Improvements Program continuously provides funding for the reconstruction of obsolete storm sewer systems. This activity includes the replacement of storm pipes, manholes, end walls, culverts and conveyance systems. The CIP also provides funding for individual projects designed to alleviate flooding problems in specific locations in the County.
- Retention -- Each development, whether private or public, is required to meet the provisions of the Stormwater Technical Manual. Instead of providing reservoirs to store stormwater runoff, each project must provide on-site retention of its runoff and/or tie into the County's stormwater system. As part of the County's effort to retrofit its stormwater system, funding in the Capital Improvement Program is provided to acquire property and construct stormwater retention facilities to alleviate flooding impacts to roads and private property.
- Public Information -- The County has undertaken various activities that advise property owners concerning the hazards and potential mitigating activities associated with building in the floodplains. This is evident through the County's participation with FEMA as a Cooperating Technical Partner and through the annual mailout to all property owners of floodplain properties.
- Map information -- Residents, both existing and potential, can access information relating to the floodplains at the Permit Services Center. Floodplain determinations can be requested that provide an official determination of whether a property is located, fully or partially, within a floodplain. Additionally, the County has mapped the floodplains on its Geographical Information System (GIS). The County has also mapped the storm surge from hurricanes based on the SLOSH model.

Conclusion: During the period of October 1, 2014 to September 30, 2015, the County initiated the flood-warning system for the county of due to severe flooding that occurred from the end of July to approximately the end of the first week of August 2015. Additionally, the County is completing the update of all watershed master plans to better identify flood-hazard boundaries, and is in the process of the update to the Local Mitigation Strategy. These updates will be used to further update FIRMs in the future working with FEMA. FEMA is also currently in an update of coastal FIRMs, which may illustrate added areas of Velocity Zones and the area associated with limited of moderate wave action. The analysis, and assessment of other funding sources for mitigation, will continue during the next review period, but it must be mentioned that limited funds exist due to the recovery from the recession still underway. Recommendations associated with this effort may be forwarded to the County's Administrator's Office for further direction if appropriate.

OBJECTIVES

Local Mitigation Strategy, Floodplain Management Plan Implementing Objectives		Provide leadership in protecting low-income properties and public housing from the impacts of floods.
		Prevent new development in the floodplain from increasing runoff and resulting in increases in flood volumes in the floodplain.
		Develop a public awareness program that informs all property owners in the flood zones that they are located in a flood zone.
		Provide advice and assistance to property owners concerning the protection of their properties from flooding, local drainage and sewer back-up problems.
		Develop and aggressive program to identify and obtain funding for both pre and post disaster mitigation projects.
		Continue and enhance existing programs that acquire wetland areas for passive recreation uses while providing significant watershed volume storage and buffer areas from the floodplain.
		Prioritize capital projects that will mitigate flood impacts in those areas of the County that have experienced significant flooding problems.
		Develop the ability and personnel to review all capital projects in terms of a comprehensive analysis of hazard mitigation opportunities. This activity should include the assignment of a full-time hazard mitigation planner.
		Continue to implement a hazard mitigation plan that will guide and assist the County in reviewing all new requests for development and in establishing priority for hazard mitigation projects, which includes flooding.
		Review the effects and locations of areas that experience flooding and determine what steps, if any, the County can take to alleviate future impacts.

Source: Hillsborough County Planning and Growth Management, Hazard Mitigation, 2010.

Review Plan Activities

FPMP Tables 9 through 13 illustrates flooding mitigation activities within the Local Mitigation Strategy (LMS, Section V, beginning on page V-10). Mitigation activities are both specific to the type of flooding and general to flood mitigation that is applicable throughout the community.

**TABLE 3
FLOODPLAIN MANAGEMENT, MITIGATION SPECIFIC TO FLOODING EVENTS**

Coastal or Riverine Erosion	While the County has miles of coastline, a large majority of the developed coastal shoreline has been hardened by seawalls. The seawalls, while not an environmentally preferred mitigation option, do minimize erosion from minor to moderate flooding events. Strategies to protect the more pristine coastal areas of the community against erosion include: acquisition of sensitive coastal areas through either the county-wide Environmental Lands Acquisition Preservation Program or various state programs such as Florida Forever; adherence to current engineering standards, vegetation and setbacks.
Hurricanes and Tropical Storms	There is a multitude of approaches to mitigate effects from hurricanes. The following illustrates mitigation initiatives that have been the most effective within the region and throughout the U.S. • <i>Public awareness and evacuation plans</i> -- The loss of life due to hurricanes has been reduced due to warning and forecast advances, public awareness programs and the development of evacuation plans. Evacuation efforts and the knowledge of the evacuation process assist in moving residents from areas vulnerable to storm surge, historically the major hurricane "killer". However, local officials recognize that public education is key to the success of any response plan especially in the densely populated metropolitan communities such as Tampa Bay. • <i>Building construction</i> -- Mitigation of property damage has been most successful in areas specifically designated special flood hazard areas through the implementation of construction codes, land-development regulations and growth management policies. • <i>Special flood hazard area setbacks</i> -- Land-development regulations developed in response to the county and cities participation in the National Flood Insurance Program have ensured structures constructed within the previous 20 years are elevated above base flood elevations and can withstand potential wave action. In addition, the implementation of Comprehensive Plan policies and the creation of a local Environmental Protection Commission have further minimized flooding impacts. • Development prior to the adoption of various mitigation policies and regulations remains more susceptible to damage. Public education programs have been initiated to assist businesses and residents learn about retrofitting techniques. Mitigation strategies have also included repetitive loss acquisitions, structural elevations, wind retrofit projects, critical facility retrofits and acquisition of designated conservation areas.
Flooding	Warnings of potential flooding, or of an actual flood, are the responsibility of the National Weather Service (NWS) and the Florida Division of Emergency Management (DEM). Warning time for flood events may vary significantly. The least warning time would be with severe thunderstorms, which occur frequently in our area, but give little notice as to the extent of rainfall that can be produce in various parts of the County. With regard to riverine flooding as little as 4-6 hours of warning are possible. An average warning time for coastal flooding would be about 12 - 18 hours, however certain systems could produce more or less warning time. In addition to warnings and public notification, there are other measures of protecting against floods. All the jurisdictions in Hillsborough County participate in the National Flood Insurance Program (NFIP). Through this participation, standards exist for mitigation development in areas designated as flooding. About 54% of the 181,486 vacant acres in the 100-year floodplain are to be developed for residential, commercial, industrial uses or public facilities, indicating risk reduction strategies should be considered prior to development of this vacant land. Source: Hillsborough County Profile /Integration of the Local Mitigation Strategy into the Local Comprehensive Plan/Florida Department of Community Affairs/2009 update. Through the NFIP, development regulations have been approved that assist in ensuring new development is designed and constructed in a fashion that is more flood-resistant and out of the 100-year floodplain.
Tsunamis	As noted above, the likelihood of a tsunamis affecting Florida is slight. Even so, the possibility of a tsunami affecting the eastern coast of Florida is real. Consequently, emergency management professionals should remain on alert to those events which may result in a tsunami.
Dam/Levee Failures	The State and industry have in-place federally approved dam inspection processes (Federal Insurance Agency, 1998). Areas associated with mining have been identified on growth management maps and within the Hillsborough County Comprehensive Plan. Use of these programs and continued cooperation between the County, State, and industry will serve to minimize the risks of dam failures within Hillsborough County.

In review of the above generalized mitigation techniques, a comprehensive review of mitigation guiding principals are reviewed and included within the Local Mitigation Strategy, Section 5, pages V-1 through V-15. Within the review, the following mitigation subject areas are analyzed and have been affirmed by the Board of County Commissioners as mitigation guidance for respective subject areas.

**TABLE 4
GUIDING PRINCIPALS**

MITIGATION	GUIDING PRINCIPAL	DESCRIPTION
OBJECTIVES	Public Education	Increase public awareness in the use of mitigation programs and techniques to reduce the impacts of natural and society-based hazards.
	Coordination	Coordinate public and private sector participation in identifying and managing and/or implementing mitigation projects and measures throughout Hillsborough County.
	Development Management	Identify and implement a combination of regulatory, incentive and initiative programs that will reduce potential loss and would encourage participation in ongoing hazard mitigation.
	Critical Facilities	Develop and maintain an inventory management system on all data affecting hazard mitigation.
EVALUATION OF EXISTING AUTHORITIES . . . RESOURCES	Regulatory Review	Local governments employ regulatory procedures that manage growth through the development review process. These regulations are principally associated with mitigating the impacts of development associated with floodplains/floodways (includes the establishment of base-flood elevations or identification of floodproofing), wetlands, and coastal high-hazard areas.
	Plans and policy implementation	The adopted Local Government Comprehensive Plans are used to guide growth based upon factors such as: development limitations, public-service provision and environmental resource protection. Additionally, the County and municipalities have adopted other plans for use in mitigating hazards and in the Development review process.
	Program implementation	The County has implemented programs that are effective in mitigating hazards, which are mostly confined to hazards associated with flooding, at this time. Some plans are not unified or integrated. One of the principal purposes of the Local Mitigation Strategy is to unify these programs and “identify areas for strengthening” to ensure implementation of the Local Mitigation Strategy. Plans principally associated with mitigating development that are becoming better integrated are: Post - Disaster Redevelopment Plan; Greenways and environmental lands acquisition – some areas identified for acquisition may serve a dual purpose (recreation/preservation and hazard mitigation); National Flood Insurance Program and the Community Rating System criteria provides for the provision of flood insurance; Floodplain Management and Stormwater drainage programs – these programs have been established to minimize and mitigate flooding hazards.

COOPERATING TECHNICAL PARTNER (CTP) PROGRAM AND THE DIGITAL FLOOD INSURANCE RATE MAP (DFIRM)	CTP Program	2009 – Anticipate adding a mechanism in which the county will assist in updating the DFIRMs.
NATIONAL FLOOD INSURANCE PROGRAM (NFIP)	Compliance	All jurisdictions are active participants in the NFIP. In an effort to ensure continued compliance with the NFIP, each participating community will: 1. Continue to enforce their adopted Floodplain Management Ordinance requirements, which include regulating all new development and substantial improvements in Special Flood and Coastal High Hazard Areas (SFHAs and CHHAs); 2. Continue to maintain all records pertaining to floodplain development, which shall be available for public inspection; 3. Continue to notify the public when there are proposed changes to the floodplain ordinance or Flood Insurance Rate Maps; 4. Maintain the map and changes identified through Letters of Map Amendment; Revisions or changes; 5. Continue to promote Flood Insurance for all properties; 6. Continue their Community Rating System outreach programs
	Repetitive Loss Initiative	Implementation of the Floodplain Management Plan
	Flood Mitigation Activities	The possible activities that can be undertaken to reduce potential flooding to repetitive loss properties must be balanced with rights of property owners, the ability of the County to finance various activities and the potential benefits of those activities. Considering these variables, the County has undertaken the following steps: update the list of repetitive loss properties on an annual basis; provide properties within repetitive-loss areas a bulletin or personal warning of risk in the respective area; perform reviews and site visits, where appropriate, for all repetitive loss structures; and perform an analysis of flood annual losses.
	Flood Damage Prevention Action Plan	Taking into consideration the existing fiscal constraints in Hillsborough County and the realization that all floodplain management activities are conducted through various agency-operating budgets, the following action plan is designed to serve as a general design to mitigate and manage the impact of development activity in the floodplain: Prevention; Stormwater Management; Drainage System Maintenance; Property Protection through Acquisition; Land acquisition purchases by the Environmental Land Acquisition and Protection Program (ELAPP); Building Elevation; Insurance; Emergency Services; Structural Projects; Storm Sewers; On-Site Attenuation; Public Information; and Map information.
	Community Rating System (CRS) Overview	Implementation of tasks per activities: 300, 400, 500, and 600.

Were any objectives not reached or is implementation behind schedule? If so, state why: Goals and actions are being met: The following illustrates those items addressed in the preceding period either fully or partially. The County is again in the process of completing watershed master plans for the 17 watershed basins in Hillsborough County. These will be used to direct Capital Improvement Projects, utilize Community Investment Taxes, eventually update models used to update Flood Insurance Rate Maps, and assist in creating new flood response systems. The County has permanently funded a Hazard Mitigation Program; although, two positions associated with daily implementation have been moved to another agency but remain assigned to the program's

implementation. A new position was approved that will work with AW forms, assistance grants, repetitive flood-loss notifications, and the update to the Local Mitigation Strategy. The new position was filled, but the employee took another County position within a year due to the salary being considerably more. This position, once re-filled, may serve as the CRS Coordinator in the coming years as delegated by the Manager of the Hazard Mitigation Program. The lead of the CRS program has moved principal operations to the Public Works Department, Technical Services Division.

Should new projects be started or should any of the recommendations or objectives be revised? The following are activities that did not fully meet objectives; whereby, respective activities are continuing:

- Each year the County sends flood-hazard area and repetitive flood-loss property owners a brochure regarding respective areas. During the past year, the Hazard Mitigation Section did prepare to award a bid for printing and mailing; however, due to the transition of financial systems and due to resource constraints, respective brochures were not printed. It is anticipated, the respective process will be met for this coming year and bulletins are anticipated to be mailed in September of 2014. However, as of late August, funding allocation for the project has come into question and the County Financial Services agency is awaiting final approval to award the bid and print-mailing project.
- Each year the Hazard Mitigation Program has integrated activities with other agencies to provide information at various citizen meetings, which includes Hispanic community meetings. These events are at schools, churches, and other areas with easy access for the public. Because of limited resources, the County was unable to attend all outreach opportunities. However, flood and disaster preparedness was provided to meet with residents at schedule workshops no less than seven times.
- The County has maintained National Flood Insurance Program (NFIP) resource libraries within local permitting offices with minimal maintenance. The lack of resources and also in demand for materials, maintenance to this program will be made on a per request basis. The materials are taken to meetings and other community events, which augments the provision of information. Also, citizens may request materials through any of the County's Development Services and Engineering and Construction Services Offices.
- As part of the educational program, information is anticipated to increase through media avenues such as through the various notifications and links to FEMA (www.fema.gov) and the State of Florida (www.floridadisaster.org). Requests for such participation were affected by resource allocations during the past reporting cycle; however, with newer team members an aggressive program is developing. The County has limited its use of printed newsletters.
- The County is currently completing the update to watershed master plans to better identify flood-hazard boundaries. These updates have begun and will continue to further update FIRMs through FEMA.
- An assessment of grant-funding sources for mitigation will continue during the next cycle period; except at a slower pace due to resource constraints.
- The County has been delayed in meeting long-term post-disaster redevelopment plan activities associated with mitigation to disasters. This process adds to flood protection to better rebuild following a disaster, but will also build greater resiliency into these areas due to action pre- and post-disaster. In addition to the aforementioned, refer to the report with Activity 330, which provides greater detail with the following items to seek to achieve in the coming year:

Progress Report discussed and/or made available at a public meeting: Information contained within this year's cycle package was discussed during public sessions. Meetings were identified on the County Calendar with date and times published so to ensure proper notice was provided to the public. Additionally, the Communications Department provided informational signage in advance of each meeting.

Activity 540

Typical Stormwater Inspection Report

The County continues to inspect and maintain the public stormwater facilities for which credit has been verified. Additionally, the County continues to implement the drainage-system maintenance program. Attached are two documents from the computerized maintenance management system, MaintStar.



Request

WReq #	WR00021219	Created	8/19/2015
---------------	------------	----------------	-----------

Dispatcher	James Smith (SSU)	WR Status	Processed
Phone 1	813-455-4130	Priority	
Promised			

Customer information

Customer		Location	
First Name	Eddie	Last Name	
Phone 2		Email	
Street Number		City	
Street		State	FL
Cross Street		Zip Code	

Locat. Description	
Complaint	8043 Fawnridge Cir / Wood Branch Dr. reports of a depression at the sidewalk that runs over the storm drain, it is falling in and on the other side of the sidewalk is a hole forming. apx 3 ft long x 3 ft wide. relayed info to T. Smith
Comments	Jet Vac, TV, and fill needed at SW/curb inlet. Secured at time of inspection with lathes and ribbon. 8/26/15 PL Left a detailed message on the citizen's phone recorder 8/26/15

Complaint Address

Street Number	8043	City	TAMPA
Street	FAWNRIDGE CIR	State	FL
Cross Street	WOOD BRANCH DR	Zip Code	

Notes	8/18/15 - assigned to Penny for review and response. (T.Smith)
--------------	--

Maintstar WO	Stormwater	Issued WO	ST00005168
Complaint Code	DRAINAGE & STORMWATER	WO Issued Date	8/26/2015

Inspection Type		Customer Type	
Inspection #		In House	False
Inspection Date	8/26/2015	Assigned To	4703 - PENNY LUMPKIN

Customer Signature: _____
8/27/2015

Inspector Signature: _____
8/27/2015



Stormwater Work Order
South Service Unit

Created By Churchillc (Corey Chui)

WO # ST00005168	ADM Sys. 0000113	Activity 1607 PIPE CLEAN	Priority 2
Issued 08/26/15 11:35	Target 00/00/00 00:00	Assigned to 11531 JAMES STIDHAM	Approved by 4703 PENNY LUMPKIN
Closed 00/00/00 00:00	WO Type CM		

Acc. No.	Proj. No.
-----------------	------------------

Customer Info			
First Name Eddie	Last Name	Phone1 813-455-4130-	Phone2 - - -
, FL 33610			
Request		Comments	
8043 Fawnridge Cir / Wood Branch Dr. reports of a depression at the sidewalk that runs over the storm drain, it is falling in and on the other side of the sidewalk.		Jet Vac, TV, and fill needed at SW/curb inlet. Secured at time of inspection with lathes and ribbon. 8/26/15 PL Left a detailed message on the citizen's phone recorder 8/26/15	
Request Address	<input type="checkbox"/> Use Customer Address	Cross Street	WReq. # WR00021219
8043 FAWNRRIDGE CIR TAMPA, FL 33610		WOOD BRANCH DR	
Location Description		Notes	
		8/18/15 - assigned to Penny for review and response. (T.Smith)	

568.51

10

Task Descr/Complaint: 8043 Fawnridge Cir / Wood Branch Dr. reports of a depression at the sidewalk that runs over the storm drain, it is falling in and on the other side of the sidewalk is a hole forming. apx 3 ft long x 3 ft wide. relayed info to T. Smith

Supervisor Notes:

Complaint Code: DRAINAGE & STORMWATER

Operation: SSU

Jet Vac, TV, and fill needed at SW/curb inlet. Secured at time of inspection with lathes and ribbon. 8/26/15 PL Left a detailed message on the citizen's phone recorder 8/26/15

Labor Cost	\$109.40	Material Cost	\$0.00	Equipment Cost	\$6.57
Contractor Cost	\$0.00	Misc. Cost	\$0.00	Total WO Cost	\$115.97

Print Name _____ Signature _____ Date ____/____/____

Road Closures	From:	Notes
Moran Drive	Moran Drive	Expected to re-open on Friday.
Michigosh Road	Thoncrossa Road to Mickler Road	Expected to re-open today.
Jenny Drive	Kitten to Joan	Expected to re-open today.
Nicklaus Circle	Laver Ct to Casey Road	Pipe failure. May be pavement issue only. If so, road will re-open perhaps later today.
Candlestick Lane	Summerfield Crossing to Fenway Ridge Circle	Re-opened.
Dormany	South of Hovan	Expected to re-open Tuesday.
Park East Blvd	Harney Rd to Orient Rd	Re-opened.
St. Charles	N. Paddock to Deadend	Re-opened.
Sweetwater Drive	Carlyle Rd to Winchester	Pipe Failure.
King Drive	At Southview Drive	Expected to re-open today.

Damaged Roads (Passable)	Cross Reference	Notes
N. Lake View Drive	Road damage under assessment. Monitoring.	Permanent repairs being evaluated. Under evaluation by PW Construction Team.
Anglers Lane	At Merry Lane	Temporary repair completed by Countywide Construction. Under evaluation by PW Construction Team.
Brentwood Dr	Ehrlich Road and Bears Avenue Area	Treated with asphalt millings. Road is passable. Under evaluation by PW Construction Team.
Brentwood Pt	Ehrlich Road and Bears Avenue Area	Temporary repair being evaluated.
Lake Allen Rd	Lutz Lake Fern to deadend	Damage assessment ongoing
Rolling Rock Dr.	Intersection of Palomere Drive	Damage assessment ongoing
Lake Magdelene Circle	Rolling Rock to deadend	Damage Assessment ongoing
Ormandy Ct.		

Temporary Pump Locations	Cross Reference	Notes	Impact Area
South County			
Bloomfield Drive	at Canoga Park Drive	Pump running on as-needed basis.	Isolated Pumping Solution
Badger Road	at Golden Grove	Pump running on as-needed basis.	Isolated Pumping Solution
Temple Terrace Highway	at Davis Road	Pump running on as-needed basis.	Isolated Pumping Solution
N. Falkenberg Road	North of MLK Blvd	Pump running on as-needed basis.	Isolated Pumping Solution
78th Street	at Sequoia	Pond pumping only on as-needed basis.	Isolated Pumping Solution
Carraway Street	at Wiggins Leaf Drive	Pump running on as-needed basis.	Isolated Pumping Solution
Gornio Lake Road	Under Cross-Town Expressway under pass	Pump running on as-needed basis.	Isolated Pumping Solution
58th Street	West of Carroway	Pump on as needed basis.	Isolated Pumping Solution
Gibson Street	58th Street	Pump returned to automatic operation status.	Gibson Street Gibson Street
East County			
Shangra-La Drive	at Queens Court	Pumping running during daylight hours. Pumping as-needed for storage space.	Isolated Pumping Solution
Virginia Lane/Circle S	Off Williams Road	Pumping is ongoing. Water off road.	Isolated Pumping Solution
Timber Pond Subdivision	At dead-end of Rosier Road and Jersey Avenue and Lobelia Pl.	Two pumps in operation. Minor water in gutters. Road dry.	Isolated Pumping Solution
Chastlian Road	At Old Hillsborough Avenue	Pump being mobilized today. Expect to commence pumping Tuesday.	Timber Pond
Northwest County			
18405 Swann Lake Road	at 18402 Sterling Silver Cir.	Pump is not active.	Isolated Pumping Solution
5004 Carrollwood Meadows Drive	at Arbor Hills Road	Pump is operating.	Isolated Pumping Solution
Garland Court	at Dead-End of Road	Pump is operating.	Isolated Pumping Solution
Garland Court	at April Lane	Pump is operating.	Isolated Pumping Solution
10909 Lake Grove Drive	East of Boy Scout Road	Pump is operating.	Isolated Pumping Solution
Hesperides Street	at Potomac Avenue	Pump as required.	Isolated Pumping Solution
Hanna Road	at Wild Rose Drive	Pump is not active.	Henry Street Canal
17101 Tiffany Lake Pl	at Whitaker Road	Pump is not active.	Hounds Hollow Area
15326 Lake Magdalene Boulevard	at North Boulevard	Pump is not active.	Hounds Hollow Area
15922 Notting Hill Drive		Pump as required.	Faircloth Estates
Florida Avenue	400' N of Lake Magdalene on west side.	Pump is not active.	Faircloth Estates

New or updated information in BOLD>.

Public Works Department- Operations
Status Report
09/04/2015, 8:27 AM

Hounds Hollow Lane (3 pumps) Auburn Avenue Boot Lake / Orange Grove Drive Martin Borrow Pit Site (Twer Run area) Twelve Oaks Boulevard Lynn Lake Circle Sunlake Blvd 42605 Noreast Lake Drive 114 Arkwright Drive 42905 Howard Ave. Hog Island area	Hanna Ave Behind 2702 Auburn Avenue North of Busch Blvd at Boot Lake at Pinellas County Line 7315 Twelve Oaks Boulevard at Anderson Road at Fontana Drive 403 1/7 County Line Road	One Pump is operating. Pumping for storage capacity. Area is dry. Pump is not active. Pump is operating. Added second temp pump. Two temp pumps on site. Pump is operating. Contractor operation-Pump set-up for stand-by only. Not active. 2 active pumps in area. Pump is active. Road is dry. Pumping to relieve water in adjacent ditch systems. Pump is operating. Active temporary pump supporting master pump station Active temporary pump supporting master pump station	Hounds Hollow Area Isolated Pumping Solution Boot Lake / White Trout Martin Borrow Pit Area Isolated Pumping Solution Lynn Lake Circle Sunlake Blvd Isolated Pumping Solution Isolated Pumping Solution Boot Lake / White Trout Isolated Pumping Solution
Sand Bag Information:			
Sand bag distribution no longer being offered. Will commence in the future if weather conditions warrant.			
Notes:			
Current pump sites will continue to be monitored and serviced by PW stand-by personnel. System Maintenance ongoing.			
Significant system failures have been identified and corrective actions taken/ongoing.			

Activity 540
Stream Dumping Outreach

The County continues to implement the storm-drain marking program. The program is managed by the Chief Environmental Scientist within the Stormwater Environmental Program. Within the program, the County continued to place markers on stormwater inlets. At each marking event, door hangers were also distributed to surrounding homes to provide information on how best to perform stormwater protection. Additionally, the program was promoted through the following means:

- A sign-up form on the Hillsborough County Water Atlas webpage is available for those interested in storm drain markings. The specific link is: <http://www.hillsborough.wateratlas.usf.edu/forms/stormdrain.aspx>.

Additionally, the program provides management of the illicit discharge detection program. This program is associated with the National Pollutant Discharge Elimination System; whereby, the County is required to train all field staff annually in how to spot and report illegal dumping, discharges, and connections. To assist with this program, the County has inspectors who investigate complaints of discharges and pursues corrective actions.

For added information, the following Chief Environmental Scientist may be contacted:

John S. McGee IV

Chief Environmental Scientist
Stormwater Environmental Programs Coordinator
Public Works Department
Hillsborough County BOCC
2420 N Falkenburg Rd.
Tampa, FL 33619
p: 813.744.5671 | f: 813.744.5674
e: mcgeej@hillsboroughcounty.org
w: <http://www.hillsboroughcounty.org>

Activity 540



Activity 540

ILLICIT STORMWATER DISCHARGES

What is an Illicit Discharge?

Any discharge to the drainage system or to surface waters that is not composed entirely of stormwater (with a few exceptions for car washing, irrigation, etc.). Any unpermitted connection of a hose, pipe, ditch, or other device to the drainage system or waters is referred to as an illicit connection.



How do I identify an illicit discharge or connection?

An illicit discharge may consist of a wide variety of things; anything other than stormwater. Look for:

- ✓ Discolored, foamy, or murky water (don't try to get a sample)
- ✓ Unusual odor (don't get too close, watch out for toxic fumes)
- ✓ Dead plants or animals (this may be due to natural causes or pollutants, either way don't touch directly)
- ✓ Flow in a pipe or ditch that is normally not flowing when weather conditions are dry
- ✓ Discoloration of pipes or channels or residue left over from the discharge
- ✓ Chemical containers or bags left open or otherwise exposed to rain



What do I do if I observe an illicit discharge or connection?

DOs and DON'Ts

- Do report it as soon as possible to ReportPollution@hillsboroughcounty.org
 - Do call it in immediately if there is an illicit discharge in progress (813-627-2600)
 - Do write down the date, time and the location as specifically as possible
 - Do note any color or odor and any other conditions such as foam/suds or dead plants/animals
 - Do note if it is raining or has rained within the last day
 - Do take a picture if you have a camera available
 - Do note any identifying marks if a vehicle is involved (tag number, company name/phone #)
- ⊗ DON'T try to take a sample (sampling must be done properly and by trained personnel)
 - ⊗ DON'T get too close to items that have unusual odors (the fumes may be toxic)
 - ⊗ DON'T touch dead plants or animals as they may have been in contact with toxic substances
 - ⊗ DON'T confront someone who is deliberately dumping or discharging pollutants

QUESTIONS? PLEASE CONTACT:

Hillsborough County
Environmental Services
2420 Falkenburg Road
Tampa, FL 33619

(813) 744-5671

ReportPollution@HillsboroughCounty.org

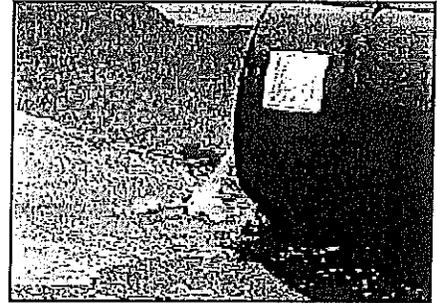


SPILL PREVENTION

Hillsborough County maintains thousands of inlets, pipes, ponds, and other structures, including miles of ditches and canals. These make up the County's MS4 or Municipal Separate Storm Sewer System. Federal and State regulations, known as the National Pollutant Discharge Elimination System, require the County minimize the discharge of pollutants from the MS4 to waters of the State [lakes, streams, wetlands, etc]. Spill prevention plays an important role in meeting these requirements and protecting our waterbodies.

What is Spill Prevention?

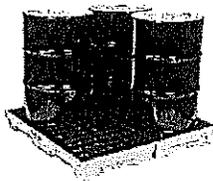
Almost everyday, we engage in activities that influence water quality. While these activities vary, proper spill prevention can always reduce stormwater pollution. There is no 'one size fits all' approach. Instead, each unit should develop its own spill prevention program. Effective spill prevention should address:



- Good housekeeping
- Proper chemical and materials storage/handling
- Fueling stations and vehicle maintenance
- Dumpsters and waste containment
- Spill kits and spill response
- Employee training

Developing a Spill Prevention Program...

Store hazardous materials inside and provide secondary containment.



Practice good housekeeping. Cleanup leaks and spills immediately.



Plan Ahead! Educate employees and locate spill kits.



- Follow instructions for safe chemical application.
- Provide spill kits for materials storage areas and fueling stations.
- Contain spills immediately.
- For oil and grease spills, use absorbent material [sand or cat litter] and dispose of properly.
- Fix vehicle and equipment leaks.
- Protect nearby storm drains from dirty water.

- Don't blow leaves or debris down storm drains.
- Don't wash vehicles near storm drains.
- Don't store chemicals or hazardous materials in the rain.
- Don't leave dumpster lids open.
- Don't wait until a spill occurs to read spill response protocol/locate spill kit.

Protecting water quality requires all employees do their part to prevent stormwater pollution.

QUESTIONS? PLEASE CONTACT:

Hillsborough County Specialized Services 2420 N. Falkenburg Road Tampa, FL 33619 [813] 744-5671

**HILLSBOROUGH COUNTY
ORDINANCE NUMBER 14-4**

prohibits the discharge of substances other than stormwater to the Hillsborough County municipal storm sewer system.

**THE FOLLOWING DISCHARGE VIOLATIONS
HAVE BEEN FOUND ON THIS PROPERTY.**

- Motor oil/ Automotive fluids
- Paint
- Solvents/ Household Chemicals
- Detergent/ Soap
- Home Improvement Waste
(concrete, mortar, etc.)
- Pet waste
- Yard Waste (leaves, grass,
mulch, etc.)
- Excessive dirt, gravel, sand
- Trash
- Construction debris
- Pesticides/ Fertilizers
- Other _____

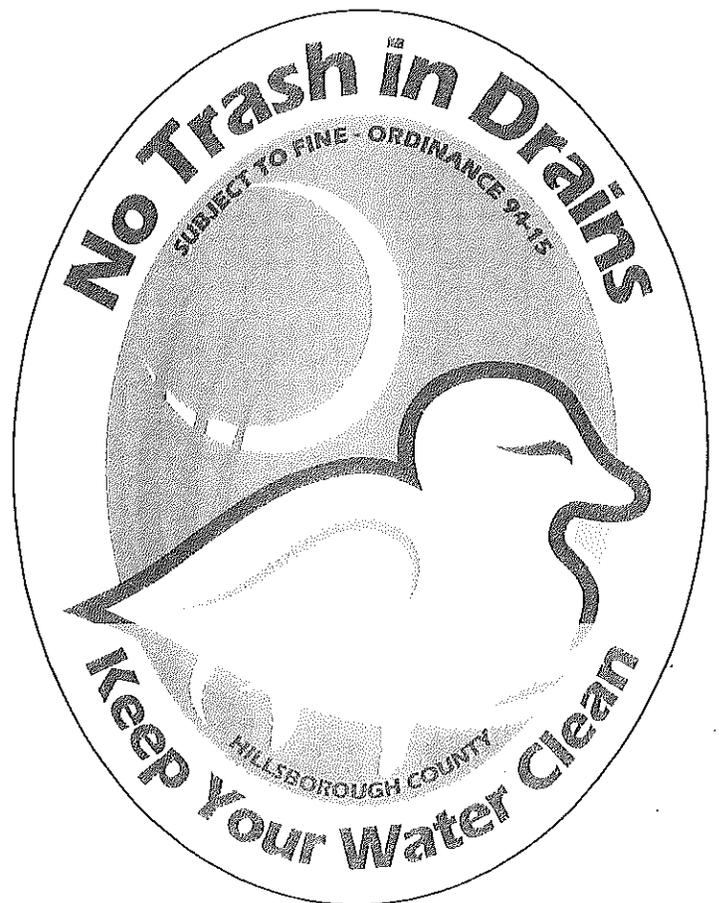
If you have received this notice, County employees have observed one or more of the substances marked above originating from this property and entering the municipal storm sewer system. This constitutes a violation under Hillsborough County Ordinance 14-4. Action should be taken to correct this problem. Further violation could result in enforcement action.

This notice is a courtesy warning from Hillsborough County Public Works.

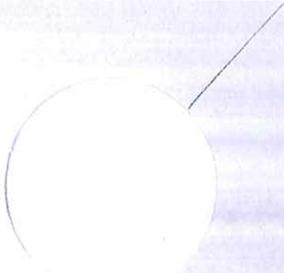
For more information or to report an illegal discharge please call Environmental Services at
813-744-5671.

**NO DUMPING IN
STORM DRAINS**

**IT CAUSES STORMWATER
POLLUTION**



This tag and the drain markers in your neighborhood have been placed by a citizen volunteer.



Stormwater runoff is rainwater that flows over the ground. As it flows, it picks up debris, chemicals, dirt, and other pollutants and deposits them into a storm sewer system or waterbody.

Anything that enters a storm sewer system is discharged **untreated** into the waterbodies we use for swimming, fishing, and drinking.

The National Pollutant Discharge Elimination System (NPDES) is a set of federal regulations that requires municipalities to reduce and prevent polluted discharges from their storm sewer systems under penalty of law.

**Remember:
Only Rain Down the Drain**

- Use pesticides and fertilizers appropriately.
- Repair auto leaks.
- Dispose of chemicals, paint, & batteries at hazardous material collection centers.
- Clean up after your pet.
- Compost yard debris, or mulch into the yard rather than hosing or blowing into street.
- Clean paint brushes & equipment in the sink.
- Properly collect & dispose of construction debris.
- Wash your car on the grass or use a commercial car wash.



NO DUMPING IN STORM DRAINS

Hillsborough County Ordinance 94-15, in compliance with the **National Pollutant Discharge Elimination System (NPDES)** under the **Clean Water Act** prohibits the discharge of materials other than stormwater to publicly owned stormwater drainage systems. Examples include:

- Oil and chemicals
- Paint
- Construction debris
- Dirt and sand
- Yard waste

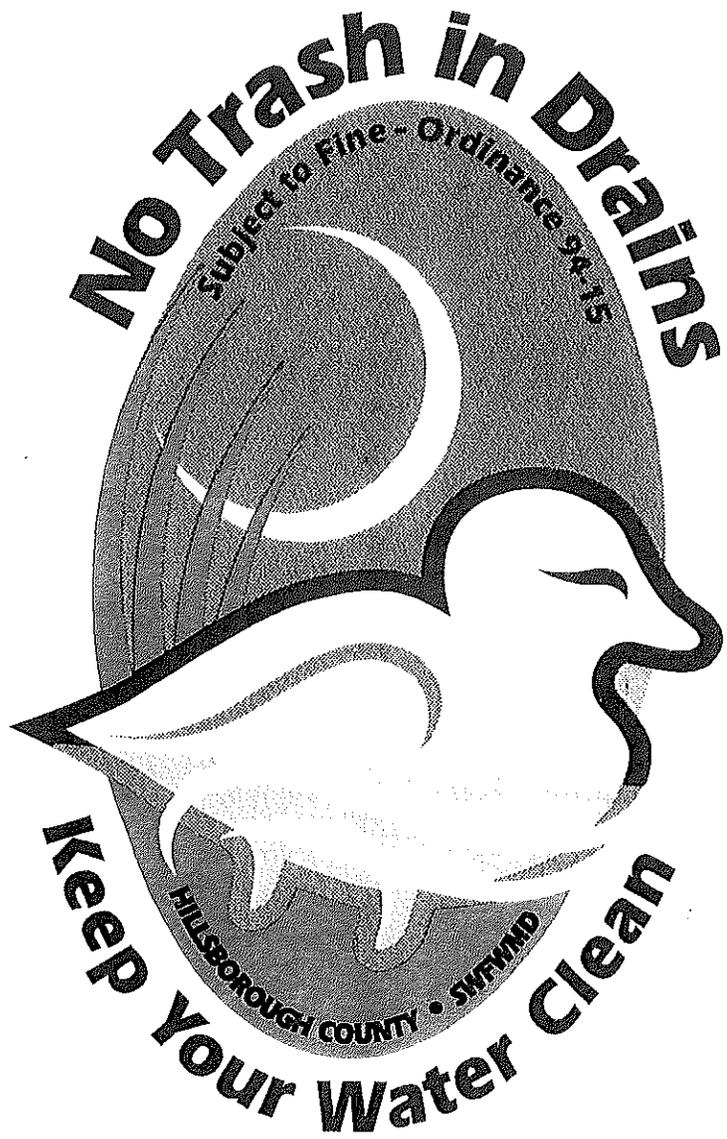
**DUMPING IN DRAINS AND
DITCHES CAUSES STORMWATER
POLLUTION**

The stormwater drainage system discharges directly to ponds, lakes, streams, and other water bodies. As rainwater flows to the drains, it carries debris and chemicals. These materials are washed into water bodies where they can harm plants and wildlife, disrupt natural systems, and create public health hazards. Dumping in the stormwater drainage system, including trash and yard clippings blown to the street, adds to the problem.

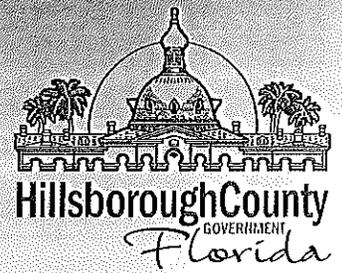
YOU CAN HELP BY:

- Using fertilizer/chemicals appropriately
- Keeping ditches, drains, and streets free of the materials listed above
- Reporting illegal dumping (627-2600)

For more information or to get involved, visit
www.hillsborough.wateratlas.org
or contact Hillsborough County
Environmental Services
at 744-5671.



On Our Pond



Volume 21, No. 2
Summer 2015

Floating Docks - Consider the Possibilities

see page 3 for details

Inside This Issue

Calendar Photo Submission Time
Free Plants for Your Pond
Thinking Differently About Stormwater



Quarterly Newsletter Published By:
Hillsborough County Public Works
Environmental Services
2420 N. Falkenburg Road
Tampa, FL 33619
(813) 744-5671

www.HillsboroughCounty.org/PublicWorks

Adopt-A-Pond: Jennifer Aragon
AragonJ@HillsboroughCounty.org
www.HillsboroughCounty.org/AdoptAPond

Lakes & Streams: John McGee
McGeeJ@HillsboroughCounty.org

To request the electronic version of this newsletter, email
AragonJ@HillsboroughCounty.org



Calendar Photo Submission Time!

Each year, we produce a calendar featuring photos of lakes, ponds, streams, and rivers in Hillsborough County. The photos all come from our program participants, like you! We would like your help again to make the 2016 Stormwater Environmental Programs Calendar another success.

If you would like to submit a photo for consideration, email your high-resolution photo to Jennifer Aragon at AragonJ@HillsboroughCounty.org. Include the photographer's name, the waterbody, and a catchy title for the picture. We may also use photos in future publications. The photo submission deadline is **August 23, 2015**.

We will send out an announcement once the 2016 calendars are available for ordering.

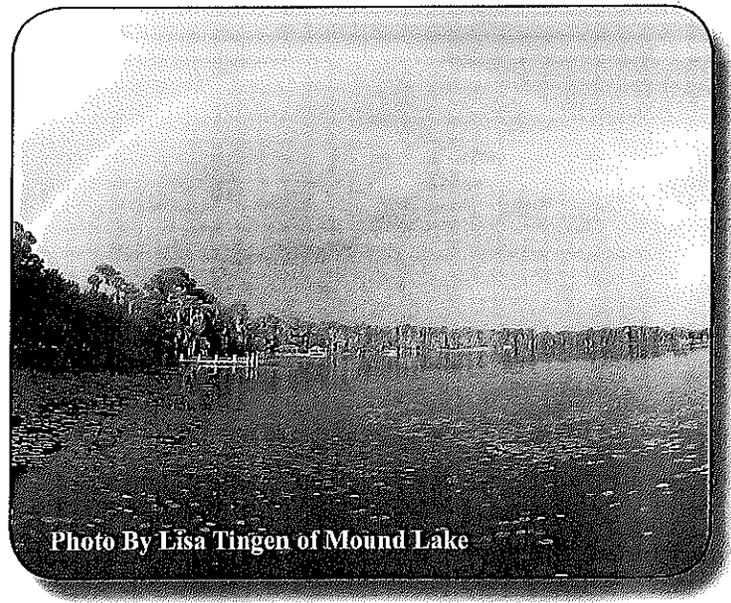


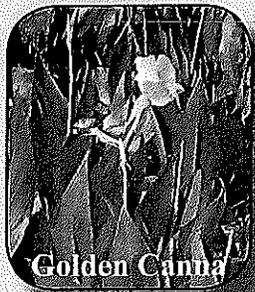
Photo By Lisa Tingen of Mound Lake

Free Plants for Your Pond

Would you like to add native plants to your pond? Get them for free through the Adopt-A-Pond program. To see if your pond qualifies for the program, complete the application found at www.HillsboroughCounty.org/AdoptAPond. The pictures below highlight just a few of the many plants available through the program.



Pickerelweed



Golden Canna



Duck Potato

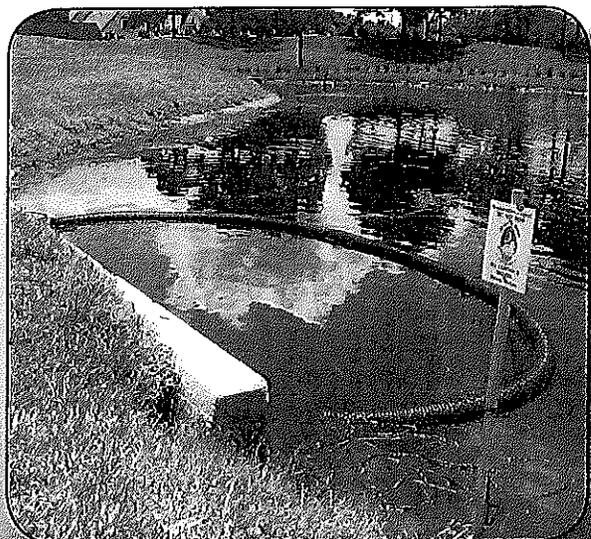


Blue Flag Iris



Soft Rush

Trash Catcher Giveaway Continues



We are very fortunate for the opportunity to continue offering free trash catching devices to our program participants. Funding from the Florida Department of Transportation District Seven is helping make this a reality for several pond and lake restorers.

If you live on a pond or lake in unincorporated Hillsborough County and your property has a stormwater pipe, you may be eligible to receive a free trash catcher. All you have to do is send Jennifer Aragon an email at AragonJ@HillsboroughCounty.org. Include your name, address, the location of the waterbody, where the trash catcher would be installed, and a brief description of how your pond would benefit from receiving one. Only one trash catcher will be available per qualifying waterbody. The giveaway is only for a limited time, so submit your entry today!

Floating Docks - Consider the Possibilities

If you live on a lake, you probably have a dock. Docks make it possible to sit over the water, access a boat, and dive and swim in the water.

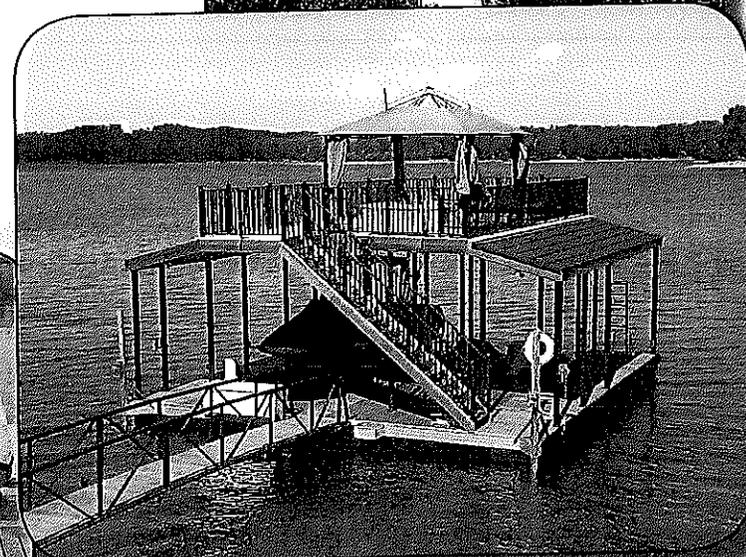
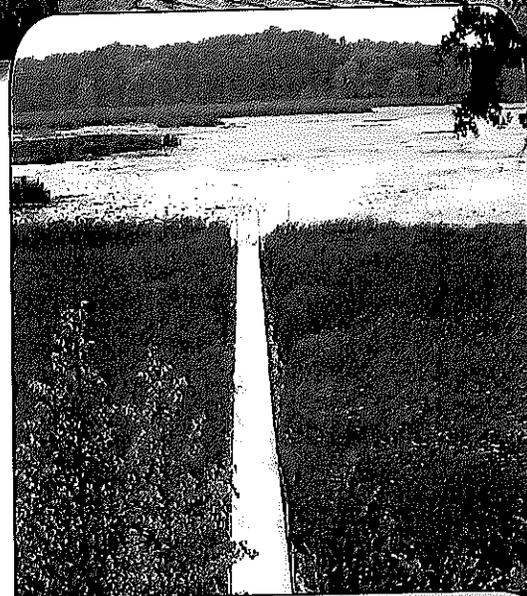
But, did you know that docks are one of the single most controversial items on lakes? Questions arise like, How big it can be? How far out can I put it? How should I build it? A lot of the controversies about water levels in lakes stem from docks that are too wet or too dry.

Fortunately, there is a cost-effective solution that can resolve many of these questions: floating docks. This type of dock comes in many shapes, sizes and materials. They can be anything from multi-level structures to undulating platforms that can float over heavy surf. They can even be made into a hybrid dock where part of it is floating and part of it does not move.

With a floating dock, it will always be at the right height, because it adjusts with the water level. If the lake recedes, you can easily move it further out to where the water is. This is especially good for shallow lakes with large wetland buffers. You can lay a floating walkway across the reeds far easier and cheaper than sinking pilings for 400 feet of fixed boardwalk. This is how the old Florida settlers did it before there were managed lake levels and seawalls.

There are even floating docks that can help keep your lake clean. A few companies make living docks. The decking looks just like any other dock, but underneath, there is a buoyant mesh where plants can root. You can grow flowers right out on the water. Underneath the dock, you'll find the roots hanging. The plants help clean the water and protect small fish.

If you are looking for a new dock, make it a floating dock. You'll save yourself a lot of trouble. And with a living floating dock, you can also help improve your lake. In Florida, floating docks are the way to go.



Living Dock

Benefits of Duckweed

By: Chelsey Swats, University of South Florida, Volunteer

In many water bodies, duckweed is considered to be a nuisance plant. But did you know that it is native to Florida? You have probably seen duckweed before. It is a fast growing, small leaved plant that floats on ponds and can cover the whole surface of the water. A lot of times, people do not like the look of duckweed covering a pond. Many people who find it in their pond will remove it by skimming it out, or by spraying it with chemicals.

Many times, people focus on the negatives associated with duckweed, but did you know there are some positive sides to having it in your pond? Duckweed lives off nutrients found in the water, mostly phosphorus and nitrogen. If the nutrients are low in the water, the duckweed does not grow rapidly. However, if duckweed quickly spreads to cover a pond, it can be an indicator that there are a lot of nutrients in the pond.

A lot of research is being done on duckweed for its beneficial uses in wastewater treatment, its nutritional value for both animals and people, and its use as a biofuel. Duckweed can also help clean up nutrient pollution in ponds. Since the duckweed grows from nutrients, it stores them in its leaves. By skimming or pumping the duckweed out of the pond, you are taking the nutrients out with the plant. This can help reduce algae and weed issues. So next time you see a pond covered in duckweed, take a second glance and appreciate the benefits duckweed provides as an indicator for high nutrients and for its ability to remove them from the water.



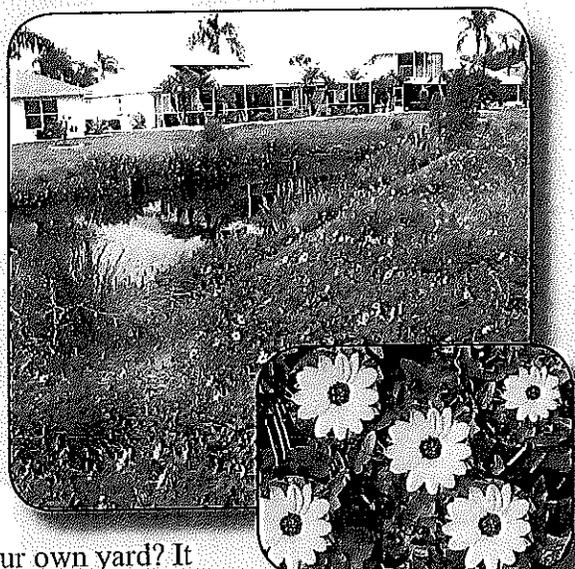
Pond Plant Spotlight: Beach Sunflower

By: Chelsey Swats, University of South Florida, Volunteer

Beach sunflower (*Helianthus debilis*) is a beautiful plant that you probably have seen many times and not even noticed. The plant is native to Florida and is a terrific plant for ground cover. The plant does well in most Florida soils. It thrives in sandy soil and is also known by the name sand dune sunflower.

The flower is very tolerant of drought conditions. It does not need much water. The plant is very low maintenance. It can cover an 8 foot by 8 foot area and can be anywhere from 12 inches to 24 inches tall. Before it has rooted, it does need to be watered regularly and may need a little pruning. If there is a freeze, the plant is a great self-seeder. If one plant dies, a new plant will arise very soon after.

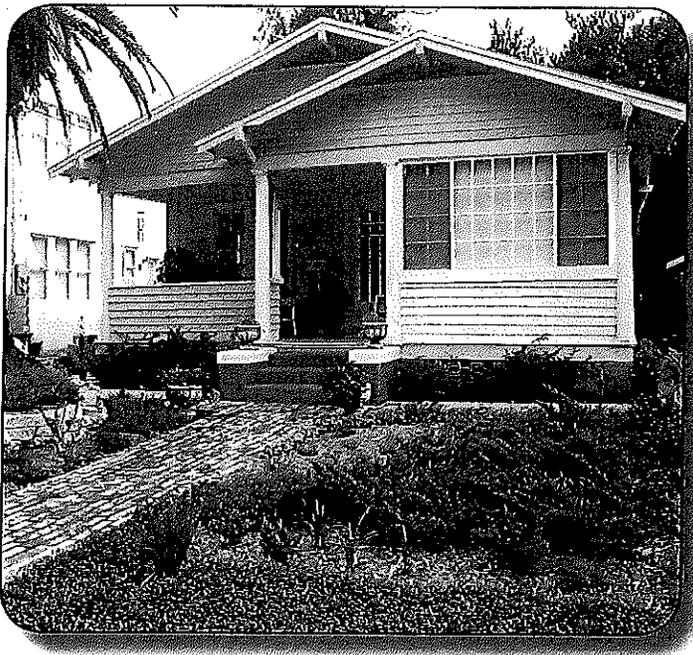
Are you already interested in adding this low maintenance plant to your own yard? It gets better! You can plant these beach sunflowers from the beginning of February to the beginning of December. They bloom almost year-round with their best blooms showing in Spring, Fall, and Winter. This plant is also great at attracting all different kinds of insects and bugs. It is a great nectar source. Butterflies, bees and beetles frequent the flowers. Beach sunflower is a great plant to add to your landscape to help you in attaining a Florida-Friendly yard.



Study Evaluates The Link Between Our Landscape Behaviors and Water Quality

Recently, the Tampa Bay Estuary Program did a study on people's behavior and the link to water quality. The study was done in the Tampa Bay area, including Pinellas, Hillsborough, and Manatee Counties. The goal was to see if there was any link between the local fertilizer ordinances, people's awareness of the ordinance details, landscape management, and local water quality.

Each county has a slightly different fertilizer law. Hillsborough County's rule prohibits using phosphorus in your landscape without first having a soil test. It requires leaving a 10 foot fertilizer-free area around any waterbody. It prohibits the application of fertilizer within 36 hours before it is predicted to rain at least two inches within 24 hours. It also requires training for lawn care professionals. The details of this rule can be found at www.epchc.org.



In addition to the requirements in the Hillsborough County rule, Pinellas County's ordinance requires residential fertilizer to have at least 50 percent slow-release nitrogen. It also prohibits the application and sale of fertilizer with nitrogen during the summer rainy season (June 1 to September 30). The Manatee County ordinance is similar to Pinellas County's except they do not restrict the sale of fertilizer with nitrogen over the summer.

When comparing the communities involved in the study, they found that people who lived in Pinellas County were the most aware and knowledgeable about their ordinance. Pinellas County residents also applied less fertilizer than in the other counties in the study. The study also found that nitrogen (a nutrient in fertilizer) increased in all the community's stormwater ponds during months when fertilizer was reported to be used most often (March, April, and October).

The study recommends further research in this area, including the collection of water samples from stormwater ponds for at least five years. To read the entire study, visit www.tbep.tech.org and search *Tampa Bay Residential Stormwater Evaluation Final Project Report* in the 2015 technical publications.

Calling All Lakewatch Volunteers

Most of our Lakewatch volunteers stay active for a long time. Unfortunately, every year we have a few volunteers that stop sampling. If you are a Lakewatch volunteer and have not sampled in a while, we want to invite you back! All you have to do is start sampling again. If you need new bottles or equipment, just let us know. Sampling is not only a benefit worth several hundred dollars a month, it is also the best way for you and resource managers to know what is going on in your lake.

If you would like to become a Lakewatch volunteer, you will need to have access to a lake and a boat (any size). Sampling takes about an hour a month. Trainers will come to you and all of the supplies are provided. Plus, you will have access to top lake scientists in the nation and special opportunities available exclusively for participants. This is an opportunity worth committing to. For more information, contact John McGee at McGeeJ@HillsboroughCounty.org or (813) 744-5671.

The Story Behind Gene Roberts Pond

By: Eileen Schutz, Gene Roberts Pond Group Representative

In January of 2014, a small group of neighbors in the Windemere subdivision gathered to restore what is now named the Gene Roberts Pond on Gnarled Oak Avenue, in Lutz. Now, after two seasonal plantings, the pond is on the mend. The plantings both in and out of the water and trees along the bank are thriving under the watchful eyes of positive thinking neighbors and the guidance of Jennifer Aragon, the Adopt-A-Pond Program coordinator.

Gene Roberts was a civil engineer and hydrologist who recently passed away after years of service to our community. He often consulted with the Southwest Florida Water Management District. He was one neighbor, among others, who took a special interest in the integrity of the waterways in Hillsborough County. He was always available to discuss proper planning and maintenance of the environment with those that had questions and concerns about Florida-Friendly planting. He shared helpful resources with anyone who asked.

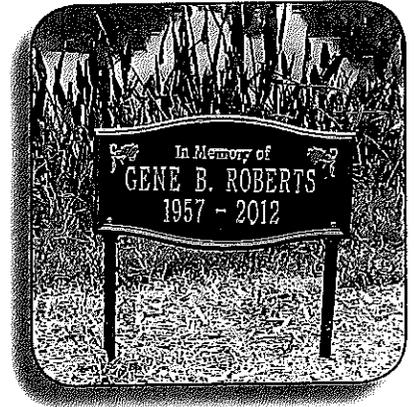
The photos in this article were taken at the spring planting and dedication ceremony. The picture above features his beautiful family. The picture to the right is a tribute to the neighbors who really "dug in" to make this planting a huge success.



Photo By Eileen Schutz



Photo By Eileen Schutz



Joey Sets a Great Example for his Neighborhood

By: Eileen Schutz, Gene Roberts Pond Group Representative

Meet Joey, an 11 year old who is going into sixth grade. He has been on the Principal's honor roll at his school since the third grade. His many interests include skateboarding, baseball (he is on a traveling team), golfing, basketball and gardening. He presently has bell and jalapeño peppers as well as tomatoes growing in his container garden.

Joey is frequently seen picking up litter that is left in and near Gene Roberts Pond on Gnarled Oak Avenue, in Lutz. He watches for garbage along the shore and does his share of keeping the area clean. He says that if the area is not kept clean, it will be dangerous for animals in the pond. He enjoys spotting the many types of fish in the pond including small and large mouth bass, tilapia and bluegill. He even met an alligator while cleaning up trash one day. But he just kept his distance and the alligator did the same. Joey also keeps an eye on

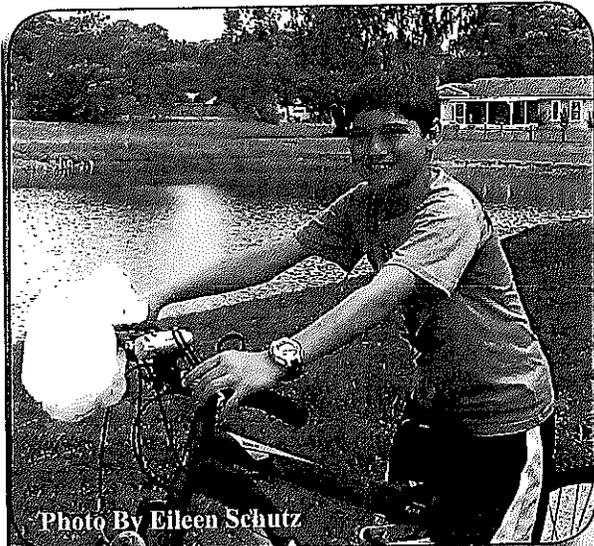


Photo By Eileen Schutz

the culvert so that the pond fills only with rain water from the streets, not trash or debris. Joey sets a great example for his friends and neighbors about the importance of keeping our water clean.

Thinking Differently About Stormwater

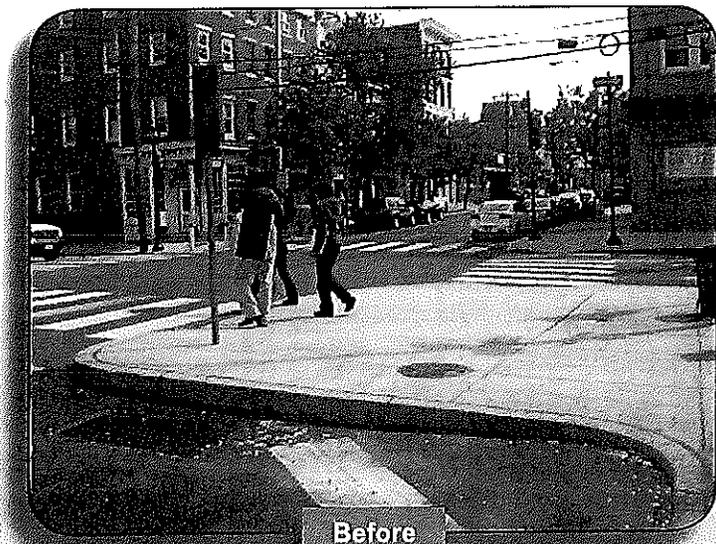
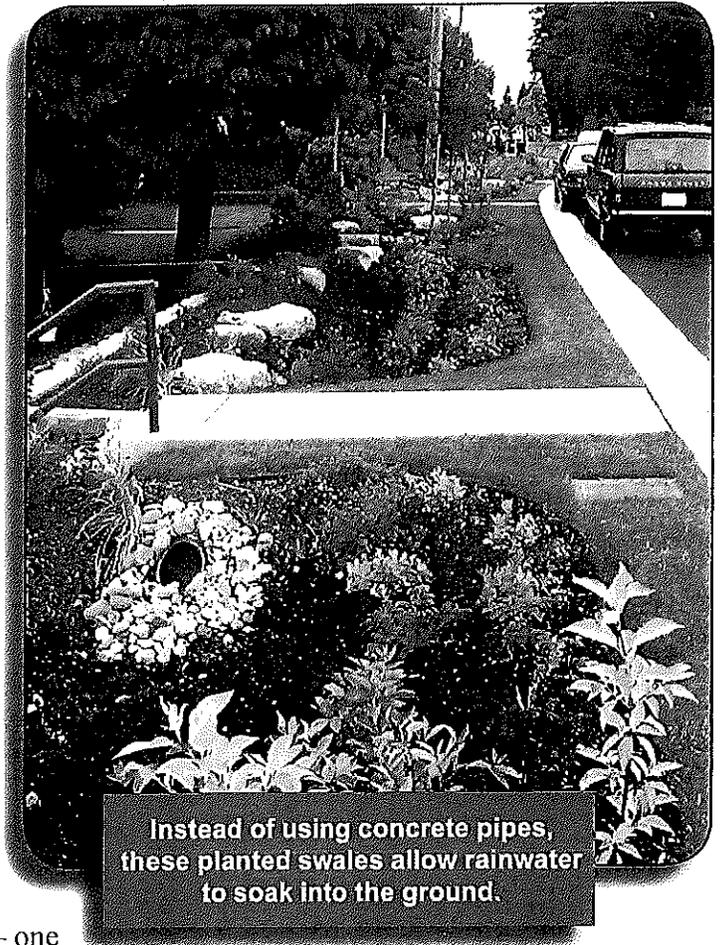
Since people began to alter the landscape of Florida in the late 1800s, stormwater management has been an important concern. Early pioneers feared the swamps. Swamps harbored dangers – both real and imaginary – like mosquitos, alligators, and disease. To combat these dangers, people straightened rivers, dug ditches and canals, and filled wetlands with dirt. Swampland was reclaimed for farmland, and the fertile, organic soils made for a bountiful harvest.

Later in the 1950s, a new type of development started to change the landscape of Florida. The postwar housing boom introduced subdivisions to the state and increased the impacts to waterbodies and wetlands. All too often, more houses meant less wetlands. More development; less natural environment.

But, it does not have to be an either/or question. New ideas about designing urban areas meet both human needs and preserve important environmental functions, like animal habitat and water quality. Green stormwater infrastructure is one way this can be done.

Green stormwater infrastructure more closely mimics nature. Instead of using concrete pipes, water flows through an open swale that meanders like a natural stream. It can also include replacing the standard shingled roof with a green roof – one that includes plants and soaks up rain water. These types of designs build cities that create less pollution and make a healthier place for everyone to live.

Hillsborough County recently finished a study to find polluted areas where old infrastructure can be replaced with these improved green options. In the next few years, we plan to build several demonstration projects in these locations. We will watch them closely and measure changes in water quality. This information helps us fine tune the designs and draft a plan for improvements in other areas across the county.



The Adopt-A-Pond Program
Hillsborough County Public Works
Environmental Services
2420 N Falkenburg Road
Tampa, FL 33619
Mail Code 1384

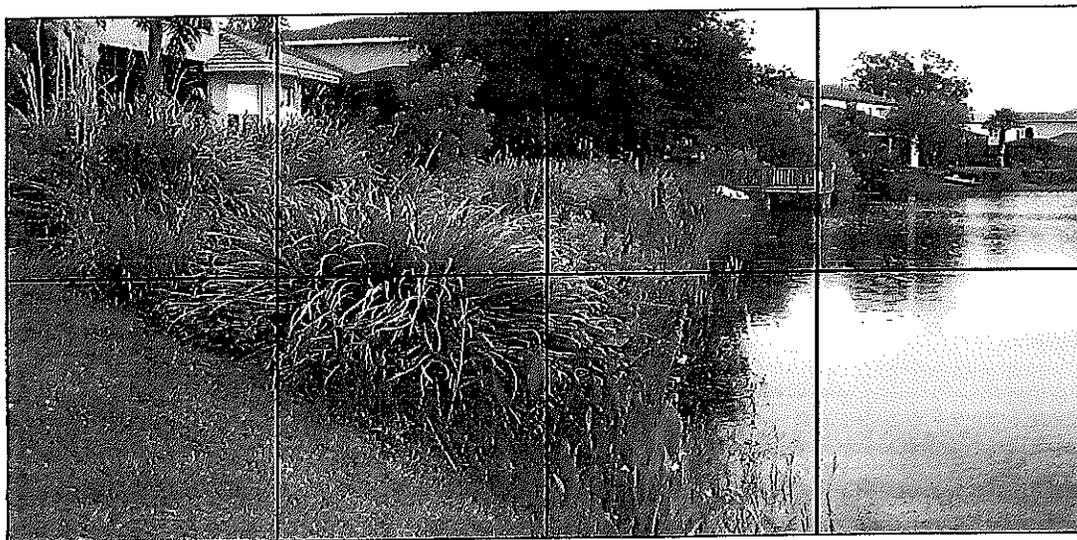
Pre sort Standard
U.S. Postage Paid
Tampa, FL 33601
Permit No 295



Hillsborough County Board of County Commissioners
An Affirmative Action-Equal Opportunity Employer

Photo Unscrambled

Below is the unscrambled photo from the spring edition of our newsletter. We received a few comments back about what some of our readers thought about the landscape. This section of the pond, in Westchase, is landscaped with Florida in mind. The large native plant buffer covers the ground in an otherwise hard to mow area of this steep shoreline. Besides being low maintenance, some of the other benefits of this landscape include preventing erosion, reducing pollutants from washing into the pond, and providing food and shelter for birds and butterflies. This landscaped shoreline includes the following plants: Fakahatchee grass, wax myrtle and duck potato.



Hillsborough County

Community Rating System Annual Certification

Activity 610
Flood response for the Flood Warning Program
Progress Report

**Hillsborough County
2014-2015 Flood Response for the Flood Warning Program
Progress Report -- Activity 610**

This report is prepared for submittal for continued credit under the National Flood Insurance Program's Community Rating System (CRS). It is designed to provide a short update and report on accomplishments toward implementing the County's Flood Warning System. There are attachments that identify actions associated with preparation of potential flooding events and the communitywide and multiagency exercise that included responding to flood impacts.

The period from October 2014 and September 2015 had a flooding event as such are classified within the Federal flood-insurance program. The event was greater than a 50-year event, but conditions were exasperated within the northwest area of the county by an extended period of rain. The extended period of rain created a historical event; whereby, approximately 160 structures had received flooding. The description of the event is by the Public Works Department, Technical Services Division. Flooding within respective structures ranged from a few inches to greater than one-foot. The event is summarized below:



Flooded structure, July 2015.

Summary of event in which flood-warning systems were issued:

**SUMMARY OF FLOOD IMPACTS
Residential Damages**

Total Residential Impact, Unincorporated County (As of Aug. 19)		
Total Reported		124
Total Rptd Primary Residence		101
Second Home		3
SF		106
MF		17
MH		9
Owner		90
Renter		29
Total Estimated Loss (Bldg, Contents, Land, Other)	\$1,228,220.00	
Total Assessed Bldg Value	\$10,540,486.00	
Total Reported Built Before Higher Standards (1980)		30
Total in Flood Hazard Area		93
Total Reported with Flood Insurance		30
Total Reported within Rep. Flood Loss Area		76
Total Affected with Damage		66
Total Reported Minor Damage		58
Total Reported Major Damage		8
Total Reported Destroyed		0

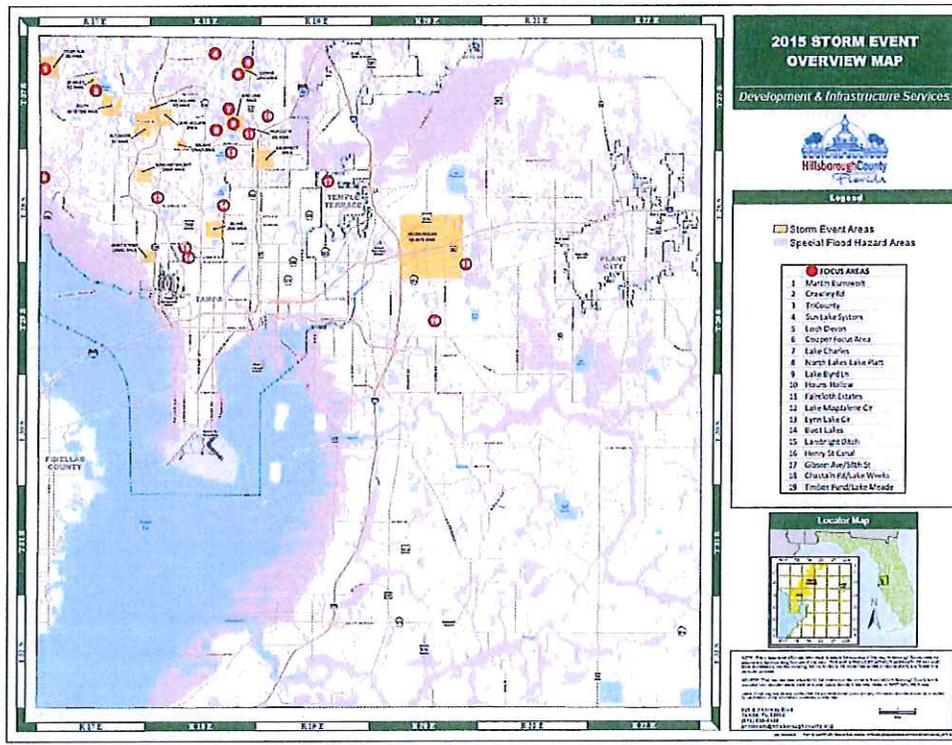
SUMMARY OF FLOOD IMPACTS
Business Damages

Total Business Impact, Unincorporated County (As of Aug. 19)

Total Businesses Reported	14	
Total Owned		4
Total Tenant		8
Unknown Occupancy		2
Total Estimated Loss (Bldg, Contents, Land, Other)	\$567,763.00	
Total Assessed Bldg Value	\$143,575,413.00	
Total Reported Built Before Higher Standards (1980)	9	
Total in Flood Hazard Area	3	
Total Reported with Flood Insurance	0	
Total Reported within Rep. Flood Loss Area	2	
Total Affected		
Total Reported Minor Damage	11	
Total Reported Major Damage	2	
Total Reported Destroyed	0	

The following illustrates the areas of greatest impact from the flooding event.

SUMMARY MAP OF STRUCTURAL FLOOD DAMAGES: JULY-AUGUST 2015



Hillsborough County
Flood Response for the Flood Warning Program
Progress Report -- Activity 610
Page 3 of 5

A table that will list rainfall events is currently under development, which will be included with this report if it is complete prior to sending the report to the ISO.

The following is a summary of emergency actions used in the flood-warning program:

- Communications systems for the community were activated
- Emergency and public services were pre-deployed and placed on standby
- Cities, regional entities, communities and emergency-response agencies met and reviewed Emergency Operations Procedures, coordinated notifications procedures, and incident reporting
- Routine procedures established through the local and State's warning system were evoked
- Neighborhood and business assessments and resident interactions were performed for impacted areas

The coordination of emergency services during times of flooding is through the Office of Emergency Management (OEM); however, much of the field operations associated with flood-warning systems is through the Public Works Department. The OEM is responsible for coordinating the countywide annual Evacuation and Severe-weather Warning System publication and in activating such systems. For example, during a flood warning, the National Weather Service issues flood watch or warnings and the OEM initiates those activities identified within the Comprehensive Emergency Management Plan with respect to the potential threat of the event. Additionally, the Office coordinates the various responses to assist in the recovery from floods (Hazard Mitigation coordinates mitigation) with public and private agencies. For example, various agencies work to ensure services are re-instituted for public safety, communications, transportation, and electricity. To assist property owners during an event, the Transportation Maintenance Division of the Public Works Department furnishes sand bags to county residents at maintenance stations located throughout the County. If evacuation is deemed necessary, the OEM opens shelters in the affected areas and coordinates the activities of the Sheriff's Office, the Red Cross Emergency Medical services and other agencies as required to accomplish a safe evacuation.

A compendium to working with flood warning systems, is the annual exercise. During this year's (2015) Hurricane Exercise, agencies began the exercise process in May 2015 and ended the process in June 2015. Principal components of the after-action report are considered classified and are for Official Use Only. As such, the report will be made available upon request.

The purpose of the Hurricane Exercise was to enhance interagency coordination and cooperation by involving Federal, State, and County governments in their response to a major hurricane that threatens the vicinity of the Tampa Bay region. In summary, objectives of the exercise were to:

- Plan for and respond to a major hurricane with severe wind and flooding impacts to the County.
- Coordinate with Emergency Operations Center (EOC) staff to effectively respond to the Hurricane and related events.
- Increase knowledge and capability among Emergency Service Functions (ESFs) with section training and ETEAM.
- Increase knowledge and capability among identified ESFs with surge/Hurrevac training.
- Familiarize Push Teams and Damage Assessment Teams with updated roles and responsibilities.
- Test the capability to manage logistics support through the EOC.

Hillsborough County
Flood Response for the Flood Warning Program
Progress Report -- Activity 610
Page 4 of 5

This exercise provided an opportunity to bring EOC staff, ESFs and other response agencies together to respond to an event using the Incident Command Structure (ICS). Through this exercise, strengths were identified along with several opportunities for improvement.

The major strengths identified during this exercise event are as follows:

- The Emergency Operations Center (EOC) was staffed with the appropriate Emergency Support Function (ESF) representatives.
- Utilization of flood monitoring and warning equipment and/or processes in coordination with Geographic Information System (GIS) helped to provide greater situational awareness that resulted in accurate and timely actions and/or map products.
- Exercise provided a great opportunity to test new team members.
- Throughout the exercise, several opportunities for improvement in Hillsborough County's ability to respond to the incident were identified. These areas are listed within the after-action Report.

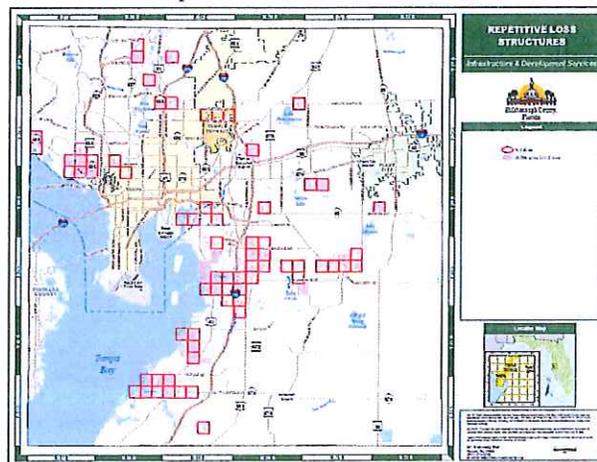
Regarding public information and warning:

- Use effective and accessible indication and warning systems to communicate significant hazards to involved operators, security officials, and the public (including alerts, detection capabilities, and other necessary and appropriate assets).
- Communicate appropriate information, in an accessible manner, on the risks faced within a community after the conduct of a risk assessment.
- Inform all affected segments of society by all means necessary, including accessible tools, of critical lifesaving and life-sustaining information to expedite the delivery of emergency services and aid the public to take protective actions.

Regarding the capability summary, deliver coordinated, prompt, reliable, and actionable information to the whole community through the use of clear, consistent, accessible, and culturally and linguistically appropriate methods to effectively relay information regarding any threat or hazard, as well as the actions being taken and the assistance being made available, as appropriate – observations are include within the After-action Report contained within this Activity.

As identified on the first page, the community did receive a flooding event. During the periods of above normal rainfall, the County did review repetitive-loss areas to verify potential flooding events. Areas of know repetitive flood losses are illustrated below, which are incorporated into the emergency response process as areas to ensure assessing.

Repetitive Flood Loss Areas



Lastly, the County is a participant in the implementation of three Emergency Action Plans (EAPs) for two older reservoir systems (Hillsborough River and the By-Pass Canal and the Madard Reservoir in east Central County). Also, there is a newer EAP for the County's Southeast Reservoir. These areas Emergency Action Plans are tested by respective operating entities (not the County). There were meetings between agencies in the past year and there are tests conducted of siren systems performed on a monthly basis. Additionally, respective warning systems have reverse-emergency call systems to notify residents potentially affected by breaches. These plans are stored at the Emergency Operations Center and the Water Management District's office.

The County works to protect persons and property from flood damage. Activities include the continued identification of threat recognition, continued to implement the emergency warning dissemination program, the Emergency Management Office continues to work throughout the community to coordinate other response efforts, and maintains a critical facility database and work under the community-wide Disaster Recovery Committee, which includes monitoring and updating key-contact personnel for emergency and disaster management.

Additionally, the Office of Emergency Management during the State Hurricane Exercise exercised a test of operations to coordinate emergency procedures. This session reinforced the use of techniques and procedures associated with Warning Systems implementation. Additionally, the County reviewed and maintained the Critical Facilities Network and maintained its standing with the County's participation with the National Storm Ready program.

Hillsborough County

Community Rating System Annual Certification

Activity 610
Flood Warning

HILLSBOROUGH COUNTY

DISASTER PLANNING GUIDE

Official Guide for the Tampa Bay Area

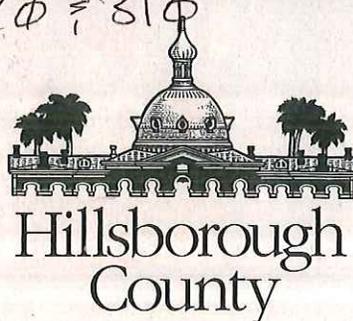
**PLAN
PREPARE
PROTECT** **YOUR HURRICANE
EVACUATION ZONE
MAP INSIDE**

10 Ways to Prepare Now!

1. Make Your **Family/Business Disaster Plan**
2. Pull Together Disaster **Supplies**
3. Brace for **Hurricanes**
4. Discuss Your **Evacuation Plans**
5. Help Your **Neighbor**
6. Keep Your **Pets Safe**
7. Take Steps to Protect Your **Home/Business**
8. Review Your **Insurance**
9. Know Your Disaster Safety **Tips**
10. Know What to Expect **After a Disaster**

www.tampabayprepares.org

Activity 610 #310



Planning for emergencies

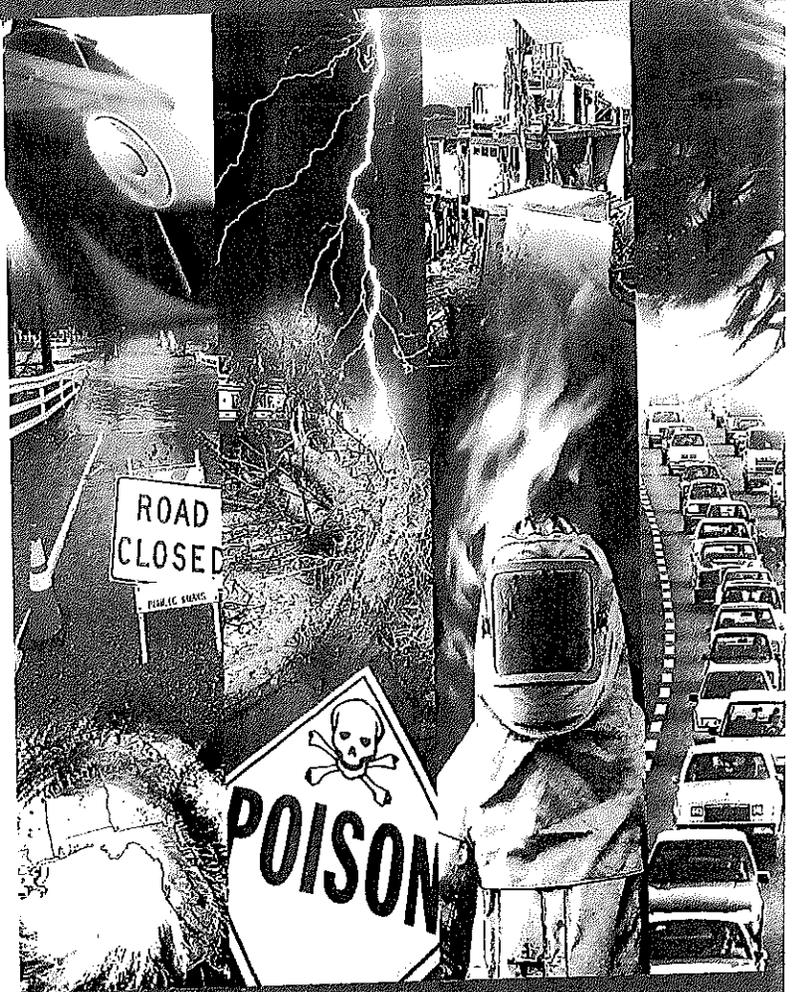
If a disaster struck, would your family be ready? Would your business be ready? Taking simple steps today could save lives and prevent suffering later. Follow the tips and checklists in this special guide to protect your loved ones, your home and your business.

This guide was developed by your county emergency management agency to help you make your family and business plans. It also directs you to additional resources where you can get more information and assistance.

Government cannot do this alone. It takes the "whole community" to effectively prepare for, respond to, and recover from a disaster. This includes our neighborhood and condo associations, faith-based, volunteer and civic organizations, schools, and the business community, as well as residents. Find out if there is a Community Emergency Response Team (CERT) in your neighborhood and get the training. If there is not a CERT, think about starting one. Contact your local emergency management agency or fire department. In addition, we need to ensure that our plans include the needs of our children, seniors, the disabled, and those who face poor health (mentally or physically).

So, get involved and spread the word at your school, work, club or place of worship. This is what it takes to make our community safer and more resilient.

ACTIVITY 334



1 Your Disaster Plan

Prevent panic and confusion by making sure everyone knows where to go and what to do in an emergency, whether at home or at work.



- **KNOW YOUR RISK.** Learn what disasters might affect your area. Are you in a Hurricane Evacuation Zone (see inside map page) or FEMA Flood Zone? (They are different!) Take first aid and CPR courses (www.redcross.org).
- **PICK TWO MEETING PLACES.** One should be just outside your home or business for sudden events such as a fire. The second should be outside your neighborhood, in case you can't get home or family members get separated.
- **CHOOSE A CONTACT PERSON.** Ask someone out of the area to coordinate communications in a disaster. Family members should call this person to report their location. Send your contact copies of important papers (ID, insurance, etc.)
- **KEEP YOUR CONTACT INFORMATION UP-TO-DATE.** Include contact information in your phones and make emergency contact cards to carry with you.
- **THINK AHEAD ABOUT EVACUATION.** Determine if and when you would have to evacuate, where you would go and how you will get there. Ask friends or family if you could stay with them. If you are in a safe area, invite them to stay with you.

For more disaster planning information, contact your local emergency management agency, local chapter of the American Red Cross (phone numbers are listed on the inside map page) or go online to www.tampabayprepares.org or www.floridadisaster.org or www.ready.gov.

2

Disaster Supplies

Here are the most important items for your Disaster Supply Kit. Stock up today (or a little at a time) and store where you can get to them quickly.

Replenish for Freshness:

Medicines: Keep an updated list of family medicines and dosages along with doctor and pharmacy phone numbers. Keep two weeks supply of prescription medicines.

Food: Keep enough food to feed the whole family for three to seven days. Choose things that don't need refrigeration or cooking (canned foods, protein bars, peanut butter, etc.). Don't forget any special dietary foods or baby food and formula, if needed. Replenish every six months.

Drinking water/containers - 1 gallon of water per person for drinking water plus water for cooking and washing (minimum 7 days). Stock up on a few cases of bottled water at home and office in the event that there is a "boil water" order.

Extra batteries for camera, flashlights, radio, portable TV & lamps, etc.

Infant items (medicine, sterile water, diapers, ready formula, bottles), if needed.

Now Until Needed:

First aid book and kit including bandages, antiseptic, tape, compresses, aspirin and aspirin-free pain reliever, anti-diarrhea medication, antacid, and important numbers

Flashlights and batteries for each member of the family

Portable radio and batteries

Non-electric can opener

Fire extinguisher (small canister, ABC type)

Instant tire sealer

- Whistle and/or distress flag
- Mosquito repellent
- Plastic tarp, screening, tools and nails, etc.
- Water purification kit (tablets, chlorine (plain) and iodine)
- Clean-up supplies (mop, buckets, towels, disinfectant)
- Camera
- Garbage can or bucket with tight-fitting lid and kitty litter (for emergency toilet)
- Plastic trash bags
- Toilet paper, paper towels and pre-moistened towelettes or baby wipes

If you evacuate you also should take:

- Pillows, blankets, sleeping bags or air mattresses
- Extra clothing, shoes, eyeglasses, hearing aids (and batteries), etc.
- Folding chairs, lawn chairs or cots
- Personal hygiene items (toothbrush, toothpaste, deodorant, etc.)
- Quiet games, books, playing cards and favorite toys for children
- Important papers and irreplaceable keepsakes (driver's license, special medical information, insurance policies and property inventories, photographs)

Precious commodities before & after a storm:

- Emergency charger for cell phones and other mobile devices (consider a solar powered alternative)
- Cash (With no power, banks may be closed; checks and credit cards unaccepted, and ATMs may not be operational)
- Charcoal, matches, and grill (Do not use indoors)
- Ice
- An old-fashioned corded telephone (ie. not a cordless or cell phone) that does not require electricity

3

Bracing For A Hurricane

As the Storm Approaches

- Listen for weather updates on local stations and on NOAA Weather Radio. Stay tuned to the latest information.
- **REMEMBER:** Hurricanes can be unpredictable. There is always potential error in the forecast track from the National Hurricane Center. Don't focus on the exact forecasted track, listen to local officials. (For more information go to www.noaa.gov or www.weather.gov, click on Tampa Bay area.)
- Check your Disaster Supplies. Get any needed items.
- Clean and fill bathtubs and sinks before a storm so you'll have extra clean water.
- Turn refrigerator and freezer dials to the coldest settings and avoid opening the doors to help keep perishable food in case of a power outage.

- Refill prescriptions. Maintain at least a two-week supply of medication during hurricane season.
- Clear your yard of lawn furniture, potted plants, bicycles, trash cans and other potential airborne missiles. Leave the swimming pool filled and super-chlorinated. Cover the filtration system.
- Protect your windows and glass doors with plywood or storm shutters. Brace double entry and garage doors at the top and bottom.
- If there is a chance flooding could threaten your home, move important items such as electronics, antiques and furniture off the floor.
- Fill your car's gas tank and check oil, water and tires. Gas pumps won't operate without electricity.

You will get some warning with a tropical storm or hurricane.

- Secure your boat early. Drawbridges will be closed to boat traffic after an evacuation order is issued.
- Get cash. Banks and ATMs won't work without electricity and few stores will be able to accept credit cards or personal checks.
- Never sweep or blow yard leaves, pine needles, grass clippings or soil into the street or storm water system. This clogs up the stormwater pipes and prevents water from draining.
- If you own a business, follow your Business Continuity Plan. For more information on how to create a Business Continuity Plan, go online to www.disastersafety.org or www.ready.gov

4

Evacuate or Stay?

If You Can Stay Home, Shelter-in-place

If you live in a sound structure outside the evacuation area and do not live in a mobile home or RV, stay home and take these precautions:

- Make sure your windows, doors and garage doors are protected.
- Clean containers including your bath tub for storing water. Plan on three gallons per person, per day for at least seven days for drinking and other uses.
- Offer your home as shelter to friends or relatives who live in vulnerable areas or mobile homes.
- Check your **Disaster Supplies**. Make sure you have at least a seven day supply of non-perishable foods. Don't forget a non-electric can opener.
- During the storm, stay inside and away from windows, skylights and glass doors.
- Find a Safe Room in your home, usually an interior, windowless reinforced room such as a closet or bathroom on the lower floor.
- Wait for official word that the danger is over.
- If flooding threatens your home, turn off electricity at the main breaker.
- If you lose power, turn off major appliances, such as the air conditioner and water heater to reduce damage from surge when power is restored.
- Monitor your battery-operated radio, NOAA weather radio or TV for the latest advisories and other emergency information.
- Do not travel until you are told it is safe to do so.

If You Must Evacuate

If you live in an evacuation area or a mobile home or RV, when an evacuation order is given, don't panic. Move at a steady pace and ensure you leave enough time to get to where you will weather the storm. **DO NOT** take chances with your life by staying at home or waiting until it's too late!

- Make sure your destination is not within a zone that has been ordered to evacuate.
- Take enough supplies for your family.
- Take your pets. Don't forget their supplies.



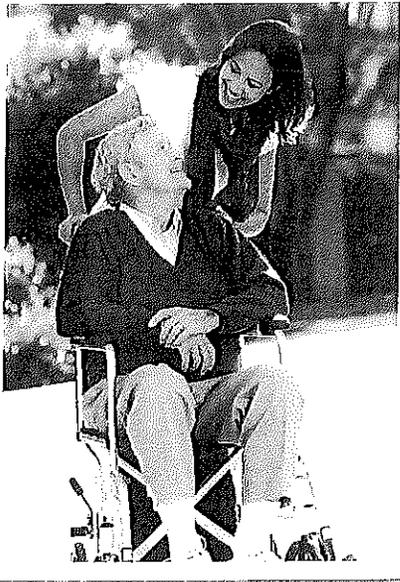
- Take important papers, including your driver's license, special medical information, insurance policies and your insurance agent's name and number and property inventories.
- Also take irreplaceable items, such as photos or keepsakes.
- Let friends and relatives know where you are going.
- Make sure your neighbors have a safe ride.
- Turn off your electricity, water and gas if officials tell you to do so.
- Lock your windows and doors.
- Stay tuned to your local radio and television station for emergency broadcasts.

Leaving Coastal Areas

If you are leaving the area, remember to take supplies with you. Move inland away from the storm surge and inland flooding, but it is not recommended that residents try to leave the region. Roads will be heavily congested and you run the risk of being caught on the highway without a safe refuge or running into the storm if it takes a different track.

Hotel or Motel

If you plan to go to a hotel or motel, you will need to check for availability and make your reservation well in advance. Some hotels/motels have standing reservation hurricane programs and some relax their pet restrictions in an emergency. Again, make sure your destination is not in an evacuation zone.



Help Your Neighbor

5

- People who are disabled or in poor health (either mentally or physically) or those who are without the support of family or friends should plan ahead for an emergency. They may need special assistance from family members, friends, neighbors or social service agencies. Please ask for help if you need it and volunteer to help those who do.
- Remember, too, that older adults who are also caregivers may require outside assistance. Excessive stress and anxiety can contribute to increased episodes of illness, particularly for persons with heart disease and other illnesses.
- If an older adult lives in a nursing home, assisted living facility (ALF) or residential facility, the administrator should be contacted to learn about the disaster plan for that facility.

Home Healthcare & Homebound Patients

- Tell your health agency and oxygen company where you will be during a hurricane. Ask them about their plans to provide care.
- If you are homebound, but not under the care of a home health agency, contact your physician to determine your best plan of action.
- If you require respirators or other electric-dependent medical equipment, you should make medical arrangements with your physician. You should also register with your local power company.
- If you evacuate, remember to take medications, written instructions regarding your care, special equipment and bedding with you.
- **If you will need assistance in an evacuation or need to go to a special needs shelter, please register NOW with your County Emergency Management Agency.**
- Special needs shelters do not provide hands-on medical care, only medical monitoring. Bring one caregiver with you.
- If you require hospitalization, you must make prior arrangements through your physician.

6

Keep Your Pets Safe

Don't leave your pet and don't use your pet as an excuse not to evacuate. Don't put yourself, your family and your pet at risk!

You are responsible for planning for your pet.

If you are ordered to evacuate, take your **Pet Disaster Supplies** if you go to friends, relatives or a hotel. Unless there are pet-friendly shelters in your county, shelters cannot accept pets. As a pet owner, you must plan ahead. Check out your options. **For more information call your local SPCA, Animal Control or Humane Society. If you plan to go to a hotel or motel, go online to www.petswelcome.com.**

After the storm has passed, be careful allowing your pet outdoors. Familiar scents and landmarks may be altered and your pet could easily become confused and become lost. Downed power lines, other animals and insects brought in with high water could present real dangers to your pet. Take care not to allow your pet to consume food or water which may have become contaminated. Nearly 80 percent of pets displaced by a storm are never reunited with their owners.



Pet Disaster Supplies

- Proper ID collar and rabies tag/license
- Vaccination paperwork*
- Carrier or cage (large enough for your pet to move around)
- Leash
- Ample food supply (at least two weeks)
- Water (minimum of 7 day supply)
- Water/food bowls
- Any necessary medication(s)
- Specific care instruction
- Newspapers, cat litter, scoop, plastic trash bags for handling waste
- Proper ID on all belongings (including emergency contact information if you evacuate)
- Photo of you and your pet
- A comfort item such as a favorite toy or blanket
- Non-electric can opener
- Microchipping your pet is strongly recommended

* Make sure your pets have had all their shots within the past 12 months. Pet-friendly shelters and boarding facilities will require proof of vaccinations.

Protect Your Home and Business

ACTIVITY 330

There are some specific actions you should take to make your home and business safer. To make some of these improvements, you will have to get up in the attic or crawl space with

flashlight. You may feel more comfortable with an experienced and licensed inspector, architect, engineer or contractor.

Whatever choice you make, take time to do this well before the storm threatens. To withstand the forces of wind associated with severe weather, REMEMBER your ABCs:

- ANCHOR YOUR ROOF
- BRACE YOUR ENTRY & GARAGE DOORS
- COVER YOUR WINDOWS
- SAFE ROOM - DO NOT stay in a room which does not have shielded windows/glass doors. Find an interior room – a bathroom, hallway or closet which will help buffer you from the storm's winds and any flying debris. Safe rooms can also be site-built or manufactured and can be installed in new or existing homes. For more information visit www.flash.org or www.highwindsaferooms.org. Make sure all family members know where the safe areas are in your home. Be sure to take your disaster supplies with you into your safe room.

location within the county. Never stay inside a mobile home or RV to ride out the storm. Always evacuate to a friend or relative's home, hotel or motel or nearby designated storm shelter.

Anchor mobile homes or RVs with tie downs. Inspect tie downs annually.

Protecting Your Property from Flood

- ✓ Anchor and Elevate: If vulnerable, electrical panel boxes, heat pumps, washers and dryers and water heaters, fuel tanks, etc. should be elevated or relocated to areas less likely to be subjected to flood waters.
- ✓ Retrofit: There are things you can do to minimize the flood risk to your home. Options to consider:
 - elevation,
 - flood barriers,
 - dry flood proofing, and
 - wet flood proofing.

For more information, go to:
www.Flash.org or www.FloodSmart.gov.

Building or Remodeling?

For tips on how to make your home safer, go to www.flash.org (Federal Alliance for Safe Homes), call Toll-Free (877) 221-SAFE (7233) or visit www.mysafeflorida.org.

Mobile Home or RV Residents

Mobile home and RV residents must evacuate for any hurricane evacuation order given in the county, regardless of



B A Word About Insurance

Understanding what is – and is not – covered in your homeowner's or renter's insurance policy is a necessity. Take time now to learn about the risks you may face and build confidence that you are properly protected. Read your policy. Talk with your agent. Reviewing your insurance coverage annually is an important step to maintain the level of insurance protection necessary to be able to rebuild your home and replace your personal belongings. Ask your agent if there are any possible discounts for performing mitigation measures to your home or business.

6 Steps to Proper Insurance Protection

1. Insure your home for its reconstruction cost, not its real estate value.
2. If you rent, you need insurance to protect your belongings.
3. Know your flood risk. Standard homeowner's policies do not cover damage from floods, including storm surge from a hurricane. Remember, there is a 30 day waiting period for flood insurance to go into effect. Don't wait until a storm is threatening.
4. Set aside funds to pay your hurricane deductible.
5. Get covered for the costs of building code upgrades.
6. Inventory your home's contents to accurately price coverage and speed the claims process. There is free, secure online home inventory software available from the Insurance Information Institute at www.KnowYourStuff.org.

How Your Disaster Safety Tips

FLOODS

If **flooding threatens**, get to higher ground. Stay away from flood-prone areas, including low spots, ditches, etc. Take dry clothing, a flashlight and a portable radio with you.

TURN AROUND; DON'T DROWN. Avoid flooded areas or those with rapid water flow. Do not attempt to cross a flowing stream or drive in water. The depth is not always obvious. It takes only six inches of fast flowing water to sweep you off your feet.

Do not allow children to play in or near high water, storm drains or ditches! Flood waters may be contaminated with oil, gasoline or raw sewage.

Purchase Flood Insurance.

ACTIVITY 339

TERRORISM / VIOLENT CRIME

See Something - Say Something. Call local law enforcement, or Florida's toll-free hotline 1-855-352-7233 (1-855-FLA-SAFE) to report any suspicious activity. If it is an emergency, CALL 911!

Your Family Disaster Plan should include emergency contacts and a designated meeting place. Be prepared to respond to official instructions, such as the evacuation of the building or the area.

Disaster Supplies - If you need to evacuate your home or are asked to "shelter-in-place", having some essential supplies on hand will make you and your family more comfortable.

EMERGENCY

Plan - The time to plan for a fire emergency is now. Take a few minutes to discuss with your family or colleagues what actions you will need to take as you make your Disaster Plan for your family or business. Contact numbers are extremely important.

Evacuation Plan - Decide where you will go and how you will get there. Unlike evacuating for a hurricane, with fire you may only have a moment's notice. Two escape routes out of your home and out of your neighborhood are preferable. Have a plan for evacuating your pets or service animals.

Fire Drills - Practice. Make sure everyone knows at least two escape routes from your home or business.

TORNADO

Purchase a NOAA Weather Radio and/or a battery-powered commercial radio and extra batteries.

Know the terms used to describe tornado threats:

Tornado Watch - Tornadoes are possible. Remain alert for approaching storms. Listen for updated reports.

Tornado Warning - A tornado has been sighted or indicated by weather radar. Take shelter immediately.

If a tornado threatens, GET INSIDE, grab your radio, flashlight and supplies and go to your **Safe Room**.

DISASTER TIPS

To **minimize damage** in high winds, keep your home in good repair. Tacking down loose roofing, trimming trees and keeping gutters clean are good places to start. Make sure your street address number is clearly marked on your home.

9

Keep a Paper Trail

Keep important documents in a fireproof safe or box and a copy in a secure location away from your home or business. Inventory your property and possessions and take a video survey of your property.

- Proof of Residence /Ownership
- Birth and Marriage Certificates
- Passports
- Social Security Cards
- Bank and Credit Card Information
- Wills, Deeds and copies of recent tax returns
- Stocks and Bonds
- Copy of Driver's license
- Special medical information
- Insurance policies
- Property inventories or photos of your home or business
- Business Tax License
- Business Supply/Vendor Lists

HAZARDOUS MATERIAL INCIDENT

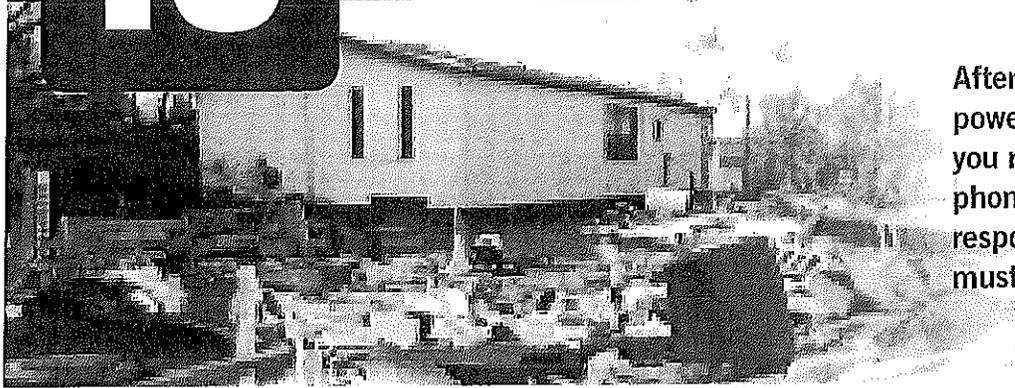
- **IF YOU'RE TOLD TO EVACUATE** - You should move to the place/shelter designated by public officials. Listen to your radio and TV for specific instructions.
 1. **Stay calm.** If you already know where to go and what to take (Family Plan), it will help. Quickly gather what you will need, unless you are told to leave immediately.
 2. **Turn off** heating, cooling, and ventilation systems and lock up, if time permits.
 3. **Keep car windows/air vents closed.** Do not use the air conditioner until you are out of the evacuation area. Carpool, if possible. Drive safely.
- **IF YOU ARE TOLD TO STAY INDOORS AND SHELTER-IN-PLACE** - Stay inside your home or business. This action will be recommended if there is a short release, a small amount of hazardous material in the air, or if time does not permit evacuation before the arrival of a cloud of toxic vapor. Take these steps to protect family or employees:
 1. **Stay inside** until local officials say you can leave safely. This will most likely be for no more than a few hours. Listen to your local radio or TV stations for further instructions.
 2. **If you have animals, bring them indoors if possible!**
 3. **Close all doors and windows.** Seal all gaps under doorways and windows with damp towels and duct tape. Turn off heating, cooling or ventilation systems.
 4. **If you are told to protect your breathing**, cover your nose and mouth with a damp handkerchief or other cloth folded over several times.

DISEASE OUTBREAK

1. **Prevention is key.** Get your flu shot and other vaccinations.
2. **Wash hands often and thoroughly.**
3. **Stop the spread.** Stay home when you are ill. Employers and schools should encourage this policy.

10

What to Expect After a Disaster



After a disaster, you may be without power and many of the other services you rely on (water, sewer, phone, cell phone, and businesses). Immediate response may not be possible, so you must be prepared to be self-reliant.

Re-entry

PATIENT. You won't be able to return your home or business until search and rescue operations are complete and safety hazards, such as downed power lines, are cleared. It may take time for emergency crews to reach your neighborhood.

Residents – Have valid ID with your current address.

Businesses – Have a valid picture ID, documents showing proof of ownership/rental, County business tax license, names of individuals authorized to be given access on business letterhead.

Avoid driving, especially through water. Roads may have debris which can puncture your tires!

Once you arrive back, walk around your home or business from the outside first to survey damage and enter with caution.

Open windows and doors to ventilate and dry your home or business.

If you suspect a gas leak, leave immediately and call 9-1-1 or your natural gas provider from a safe location.

If your home or business has been flooded, have a qualified licensed electrician inspect the electrical system and appliances before turning the power back on.

Be extremely careful with fire.

Let your out-of-town contact know you are alright.

Post-Storm Safety Precautions

Keep grills and generators outdoors in a well-ventilated area. Carbon monoxide poisoning is a frequent killer.

Avoid candles. Use battery-operated flashlights and lanterns instead.

Stay tuned to your local media for up-to-date emergency information.

Avoid driving and phone use. Keep lanes and lines open for emergency workers

- Avoid downed or dangling power lines. Be especially careful when clearing fallen trees.
- Always supervise children-DO NOT WADE IN FLOOD WATERS.
- Be aware of snakes, insects, alligators or animals driven to higher ground by floods.
- Be extremely careful with a chain saw and follow all safety precautions.
- Call professionals to remove large, uprooted trees, etc.
- Always use proper safety equipment such as heavy gloves, safety goggles, heavy boots, long-sleeve shirts and long pants. Tie back long hair, wear a hat and sunscreen.
- Drink plenty of fluids, rest and ask for help when you need it.
- Don't burn trash.

Clean-up & Repairs

- Know what your homeowner's or renter's insurance policy covers and what you will need to submit a claim. Take photographs of all damage before repairs and keep all receipts. Make temporary repairs to correct safety hazards and minimize further damage.
- Contact your local building department for information on required building permits. Permits are always required for any kind of demolition or permanent repairs, reconstruction, roofing, or filling.

Protect Yourself From Contractor Fraud

- Hire only licensed contractors. Be cautious of anyone coming to your home uninvited and offering to do home repairs.
- Obtain a written estimate or contract. Insist on start/completion dates and payment terms in the contract. Do not pay in full before work begins and do not

completed to your satisfaction. NEVER pay with cash.

- Don't pull the permits for the contractor. This may be an indication they are not properly licensed.
- If you suspect a contractor of potential fraud, contact the State of Florida Consumer Fraud hotline at 1-866-966-7226.

Generators

Generators can provide power to your home or business in case of a power outage or shortage.

1. Determine the appliance or equipment you want to use.
 2. Determine if a portable or stationary generator is required.
 3. Determine if you will need multiple outlets or multiple types of outlets on your generator.
- **NEVER** connect a portable generator to building wiring. There is an extreme danger of generator back-feed for the general public (downed wires etc.) and utility workers. Plug appliances, etc., directly into the generator.
 - Place generator outdoors and away from doors, windows, and vents that could allow carbon monoxide (CO) to come indoors. Exhaust fumes are deadly.
 - Before refueling your generator, turn it off and let it cool down. Don't forget to check the oil every time you add gas. Keep generator dry.
 - Conserve fuel by alternating appliances.
 - Store fuel safely outside in labeled approved storage containers.
 - Stationary (whole house) Generators run off gas utility lines or an LP tank and supply electrical power to pre-selected circuits. They MUST be professionally installed by a licensed

HILLSBOROUGH COUNTY

DISASTER PLANNING GUIDE

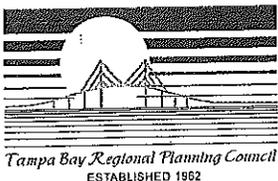
Official Guide for the Tampa Bay Area

**PLAN YOUR HURRICANE
PREPARE EVACUATION ZONE
PROTECT MAP INSIDE**

10 Ways to Prepare Now!

1. Make Your **Family/Business Disaster Plan**
2. Pull Together **Disaster Supplies**
3. Brace for **Hurricanes**
4. Discuss Your **Evacuation Plans**
5. Help Your **Neighbor**
6. Keep Your **Pets Safe**
7. Take Steps to **Protect Your Home/Business**
8. Review Your **Insurance**
9. Know Your **Disaster Safety Tips**
10. Know What to Expect **After a Disaster**

www.tampabayprepares.org



CONDADO DE HILLSBOROUGH

GUÍA DE PLANIFICACIÓN CONTRA DESASTRES

Guía Oficial para la Bahía de Tampa

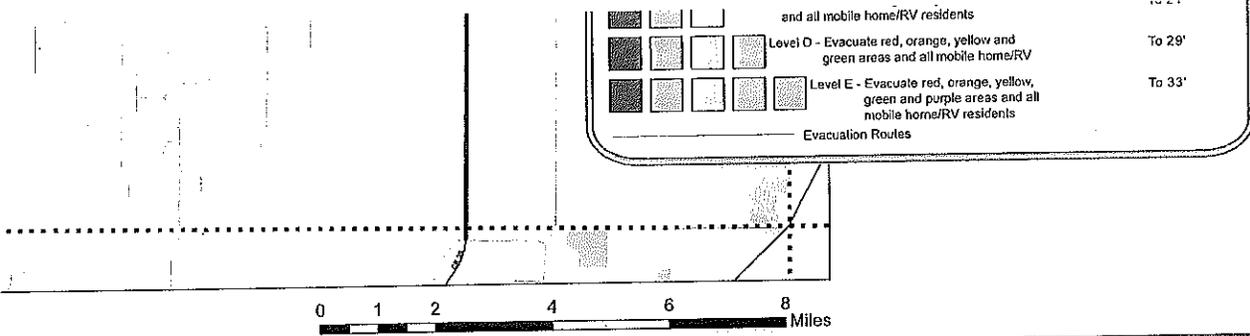
10 Maneras de Prepararse ¡Ahora!

1. Prepare un plan de desastres para su familia/ negocio
2. Prepare los materiales necesarios en caso de desastre
3. Prepárese para la temporada de huracanes
4. Converse sobre sus planes de evacuación
5. Ayude a su vecino
6. Mantenga a sus mascotas seguras
7. Tome los pasos necesarios para proteger a su familia/negocio
8. Revise su póliza de seguro
9. Proteja sus documentos y el inventario de sus pertenencias
10. Cosas que debe saber después que sucede un desastre

**PLANIFIQUESE
PREPÁRESE
PROTÉJASE** CONTIENE MAPA
CON ZONAS DE
EVACUACIÓN DE
HURACANES

www.tampabayprepares.org





IMPORTANT CONTACT INFORMATION

PET RESOURCES	813-744-5660
BUILDING DEPARTMENT	813-272-5600
BUSINESS DISASTER HOTLINE	813-307-8330
EMERGENCY MANAGEMENT	813-272-6900
HIGHWAY PATROL	813-632-6859
HILLSBOROUGH COUNTY INFOLINE	813-272-5900
TTY	813-301-7173
SOLID WASTE	813-272-5680
SHERIFF	813-247-8000
SPECIAL NEEDS SHELTER REGISTRATION	813-307-8063 813-272-5900
TECO	813-225-0800
TO REPORT POWER OUTAGES	877-588-1010
TRANSPORTATION INFORMATION	813-272-5900
AMERICAN RED CROSS	813-348-4820
CATHOLIC CHARITIES	813-631-4370
SALVATION ARMY	813-228-0055
CRISIS CENTER OF TAMPA BAY	2-1-1

WWW.HILLSBOROUGHCOUNTY.ORG/EMERGENCY

DO NOT CALL 9-1-1 FOR HURRICANE INFORMATION

USING YOUR COUNTY MAP

1. Locate where you live and work on the map.
2. Determine whether you are in an evacuation area, and if so, what level (color).
3. If you are in an evacuation area, or live in a mobile home/RV, decide where you will go if ordered to evacuate. Your choices include:
 - ✓ Home of a relative or friend outside the evacuation zone
 - ✓ Hotel/motel outside the evacuation zone (make arrangements early)
 - ✓ Go to a public shelter
 - ✓ As a last resort leave the area entirely
4. If you must go to a public shelter, use your county map to decide which one is convenient. Make sure you verify the shelter is open before you go.

HURRICANE THREAT

- ✓ The colored areas on the map are vulnerable to storm surge. Storm surge is produced by water being pushed towards the shore by the force of the winds moving around the storm.
- ✓ Storm surge creates a path of destruction, wiping out structures as it rapidly surges inland and then recedes. This is a life threatening situation for anyone who ignores mandatory evacuation orders and stays in vulnerable areas.
- ✓ Hurricanes are categorized on a scale of 1 to 5, depending on wind strength and destructive power. The evacuation zones are color coded to designate the level of storm surge likely to occur.
- ✓ Each colored area corresponds to an evacuation zone and each zone is given a letter designation, A-E. Evacuations will be ordered by zone based upon the projected storm surge.
- ✓ If you live in an area ordered to evacuate, gather your family/pets and emergency supplies, secure your home and leave immediately. Failure to obey a mandatory evacuation order is a violation of state and local laws.

Note: All persons living in mobile homes/RVs must evacuate for all mandatory evacuation orders, regardless of where you are located in the county.

NOAA WEATHER RADIO

A NOAA weather radio can provide you with valuable hurricane information as well as vital warning information for tornadoes, severe thunderstorms and other dangerous weather. It also broadcasts warning and post-event information for all types of hazards such as chemical releases and significant matters of public safety.

Hillsborough County Frequency 162.550 MHz, SAME Code 012057

FLOOD PREVENTION ASSISTANCE

For unincorporated County residents, staff from the Engineering and Environmental Services, Hazard Mitigation Program may make a site visit, upon request, to assist property owners with flooding and stormwater drainage information to address site-specific flooding concerns. This service is provided at no charge. For additional information on flooding, flood insurance, flood zones, retrofitting, or elevation certificates, you may contact the Hazard Mitigation Program office at 813-307-4541. Elevation certificates on file for areas within unincorporated Hillsborough County may be obtained in writing: Hazard Mitigation Program, Engineering & Environmental Services, Public Works Department, County Center, P.O. Box 1110, 22nd Floor, Tampa, Florida 33601. Residents of municipalities should contact their respective municipal offices regarding their services in this area.

WHAT'S A PDRP?

The purpose of the Post Disaster Redevelopment Plan (PDRP) is to provide the County and cities with county-wide guidance for local decision-making and actions during the difficult recovery following a major disaster. The PDRP details actions that need to be taken to speed the recovery process and make our community more disaster resilient in the future. It also identifies actions we need to take now before a disaster strikes in order to make sure that happens.

To find out more about the PDRP and how you can be involved, go to www.hillsboroughcounty.org and enter 'PDRP' in the search box.

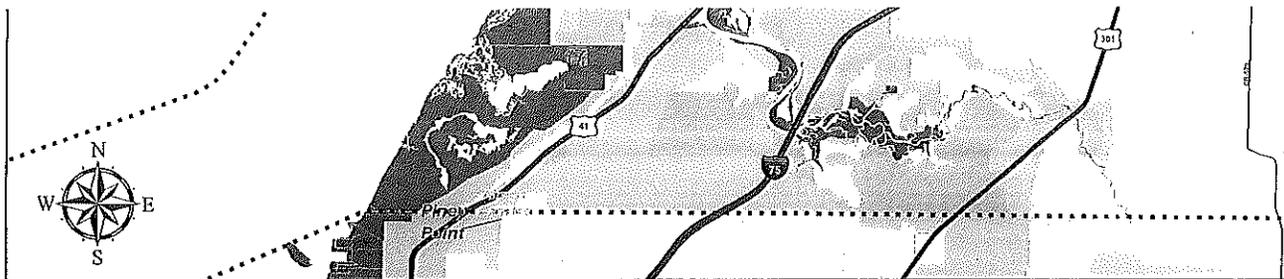
HILLSBOROUGH COUNTY TRANSPORTATION INFORMATION

During a hurricane evacuation, area buses run evacuation routes throughout the county to assist those who need transportation to shelters. Greater Tampa and Town n' Country: Hillsborough Area Regional Transit Authority (HART) runs special evacuation routes in these areas. For route maps and instructions, visit www.gohart.org or call the HARTInfo Line at 813-254-4278.

South and East Hillsborough County: Hillsborough County public school buses run evacuation routes in these areas. Route information is available at www.hillsboroughcounty.org/emergency or via the Hillsborough InfoLine at 813-272-5900.

HURRICANE 33p

HURRICANE 33p



SHELTER INFORMATION – Refer to Map Above

NO.	SHELTER NAME	ADDRESS
PUBLIC SHELTERS OPENING FOR LOWER INTENSITY STORMS		
5	Middleton High School	4801 N. 22nd St., Tampa
6	Simmons Center	1202 Grant St., Plant City
9	Shields Middle School	15732 Beth Shields Way, Ruskin
11	Pizzo Elementary School	11701 Bull Run Dr., Tampa
15	Doby Elementary School	6720 Covington Garden Dr., Apollo Beach
19	Hammond Elementary School	8008 N. Mobley Rd., Odessa
21	Strawberry Crest High School	4691 Gallagher Rd., Dover
24	Sessums Elementary School	11525 Ramble Creek Dr., Riverview
31	Bartels Middle School	9020 Imperial Oak Blvd., Tampa
35	Brandon High School	1101 Victoria St., Brandon
36	Smith Middle School	14303 Citrus Pointe Dr., Citrus Park
37	Burnett Middle School	1010 N. Kingsway Rd., Seffner
39	Valrico Elementary School	609 S. Miller Rd., Valrico
44	Lennard High School	2002 Shell Point Rd., Ruskin
48	Greco Middle School	6925 E. Fowler Ave., Temple Terrace

ADDITIONAL PUBLIC SHELTERS OPENING FOR HIGHER INTENSITY STORMS

1	Wharton High School	20150 Bruce B. Downs Blvd., Tampa
2	Armwood High School	12000 U. S. Hwy. 92, Seffner
3	McKittrick Elementary School	5503 Lutz Lake Fern Rd., Lutz
4	Chiles Elementary School	16541 W. Tampa Palms Blvd., Tampa
7	Cimino Elementary School	4329 Culbreath Rd., Valrico
10	Symmes Elementary School	6280 Watson Rd., Riverview
12	Marshall Middle School	18 S. Maryland Ave., Plant City
13	Reddick Elementary School	325 West Lake Dr., Wimauma
14	Tomlin Middle School	501 N. Woodrow Wilson St., Plant City
16	Oak Park Elementary School	2716 N. 46th St., Tampa
18	Lake Magdalene Elementary School	2002 Pine Lake Dr., Tampa
20	Nelson Elementary School	5413 Durant Rd., Dover
22	Adams Middle School	10201 N. Boulevard, Tampa
26	Jennings Middle School	9325 Governors Run Dr., Seffner
27	Benito Middle School	10101 Cross Creek Blvd., Tampa
28	Mulrennan Middle School	4215 Durant Rd., Valrico
30	Barrington Middle School	5925 Village Center Dr., Lithia
32	Sheehy Elementary School	6402 N. 40th St., Tampa
33	Collins Elementary School	12424 Summerfield Blvd., Riverview
34	Summerfield Crossings Elementary School	11050 Fairway Meadows Dr., Riverview
38	Cork Elementary School	3501 N. Cork Rd., Plant City
40	Forest Hills Elementary School	10112 N. Ola Ave., Tampa
41	Crestwood Elementary School	7824 N. Manhattan Ave., Tampa
42	Walden Lakes Elementary School	2800 Turkey Creek Rd., Plant City
43	Bevis Elementary School	5720 Osprey Ridge Blvd., Lithia
45	Pride Elementary School	10310 Lions Den Dr., Tampa
46	Stowers Elementary School	13915 Barrington Stowers Dr., Lithia
47	Wilson Elementary School	702 English St., Plant City
49	Steinbrenner High School	5575 Lutz Lake Fern Rd., Lutz
56	Knights Elementary School	4815 N. Keene Rd., Plant City
58	Tampa Bay Boulevard Elementary School	3111 Tampa Bay Blvd., Tampa

SHELTER ICONS LEGEND

-  Public Shelters Opening for Lower Intensity Storms
-  Additional Public Shelters Opening for Higher Intensity Storms
-  Shelters with ADA-accessible restrooms.
-  Shelters with this designation are county staffed Pet Friendly Shelters. Please bring cage, food, water, medications and proof of vaccinations.

Shelters are not listed in the order they are opened and shelter openings will vary with each emergency depending on the type and intensity of the disaster. Stay tuned to local media for a listing of shelters, to include any pet-friendly shelters, which will be opened for an event. Do not go to a shelter until local officials announce that the shelter is open.

HILLSBOROUGH COUNTY SHELTER INFORMATION

In the event of a community emergency, Hillsborough County has emergency shelters for residents and visitors available as a last resort. Become familiar with the shelter information provided and make sure everyone in your household knows the following shelter facts:

- ✓ Shelters are opened on an "as-needed" basis.
- ✓ Shelter openings may vary with each emergency.
- ✓ Pet friendly shelters require current vaccination records for dogs and cats.
- ✓ Never go to a shelter unless local officials have announced it is open.
- ✓ Current shelter information is available from local radio and television stations, and the Hillsborough County InfoLine at (813) 272-5900. More information is available on the county website, www.hillsboroughcounty.org/emergency.

DOG AND CAT FRIENDLY SHELTERS

Hillsborough County offers four dog and cat-friendly shelters, indicated on the shelter list of this guide.

Sheltering your pet:

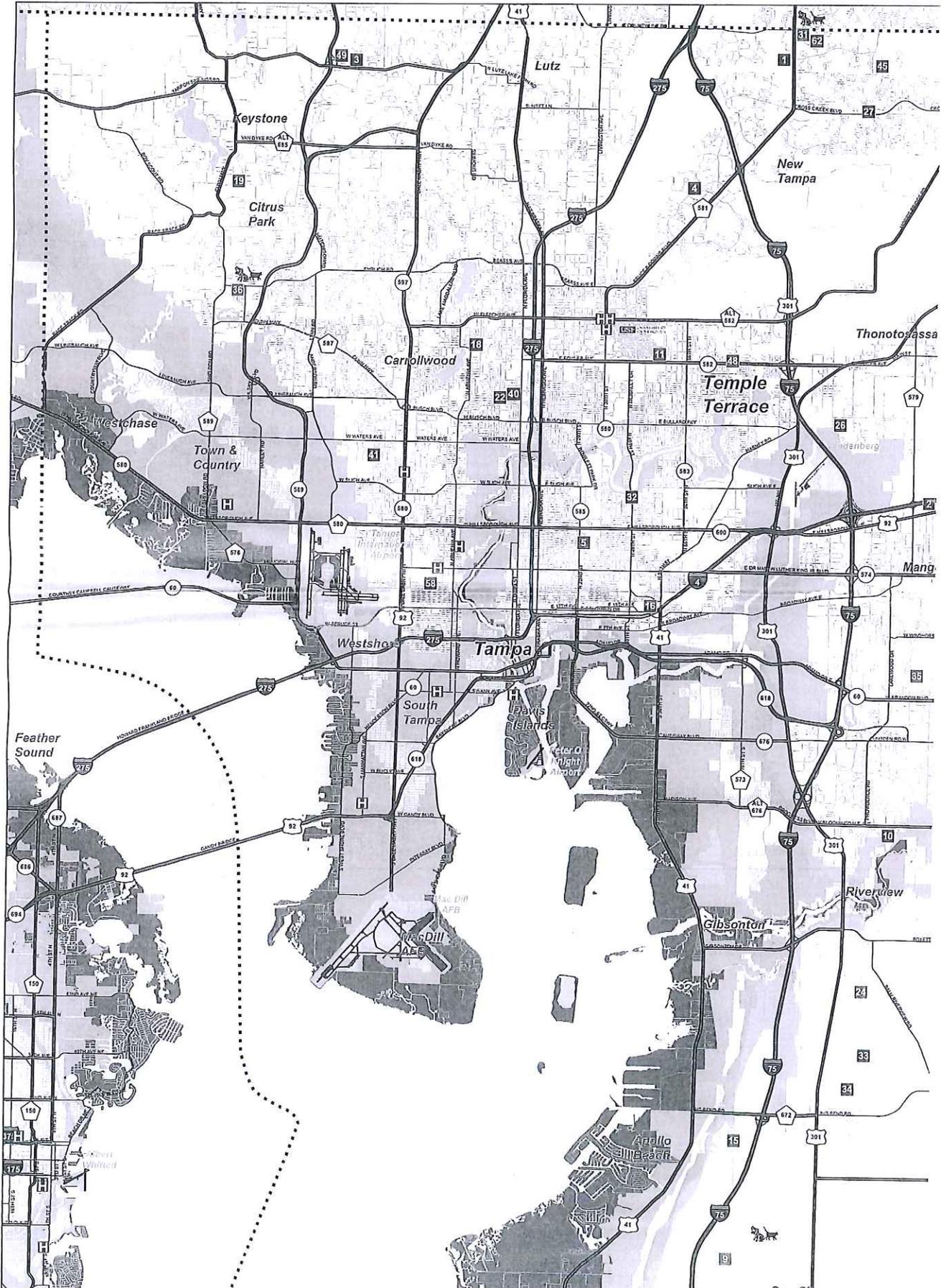
- ✓ Provide proof of current license and vaccination
- ✓ Pet must be in an appropriate pet crate
- ✓ Provide all items required for your pet
- ✓ You are responsible for the care of your pet while in the shelter
- ✓ Cohabitation of pets and owners is not permitted

If you are unable to meet these requirements, please make other arrangements to shelter your pet.

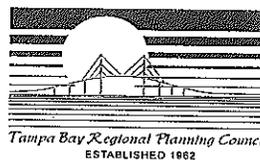
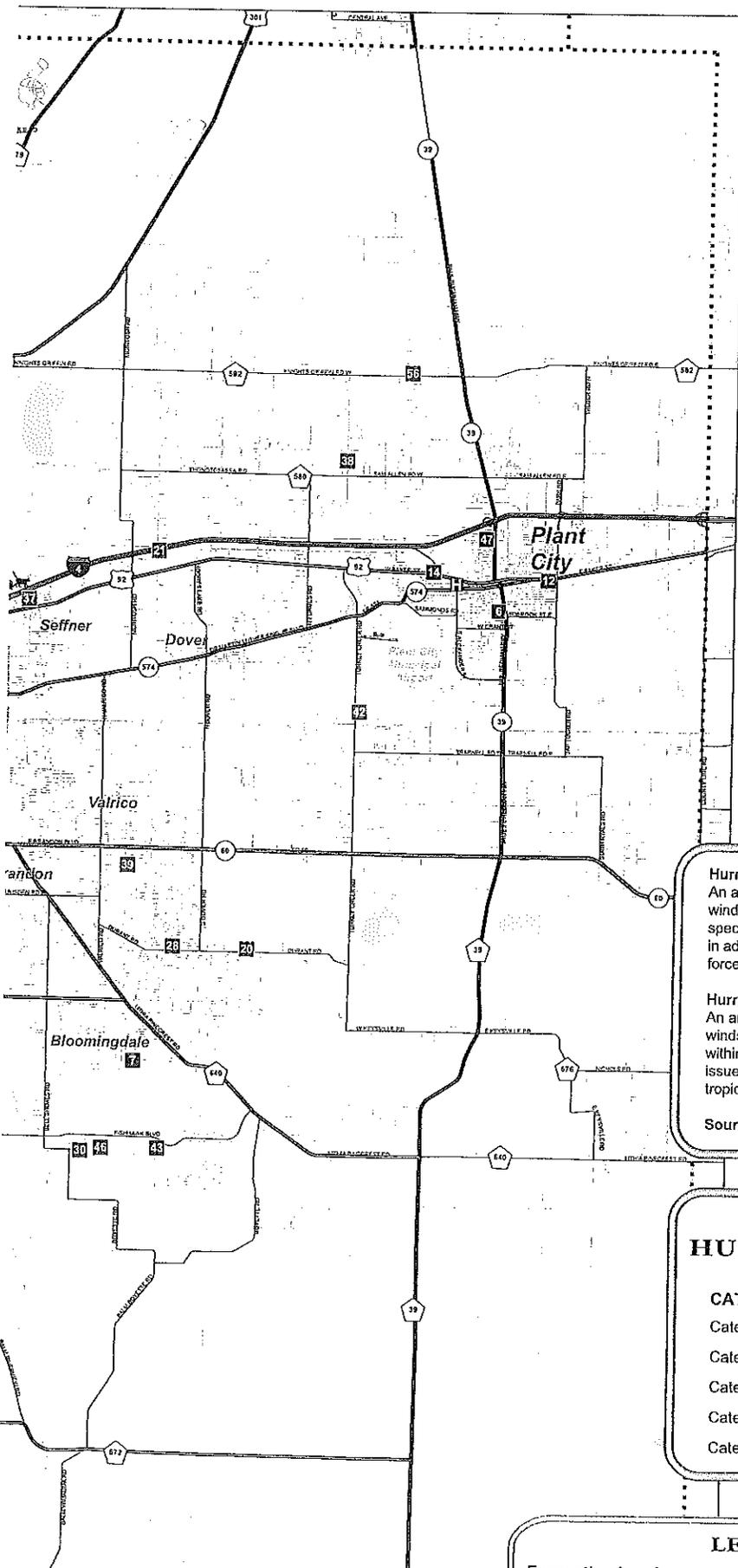
SPECIAL NEEDS

Hillsborough County provides a shelter program for those residents requiring special medical related care. Special needs shelters will be available for persons requiring more skilled medical care than available in a public shelter but not requiring an acute care facility such as a hospital. If this type of extended care is needed, contact the Hillsborough InfoLine at 813-272-5900 or the Hillsborough County Health Department at (813) 307-8063 to be considered for registration into this program.

APNITY 330



HILLSBOROUGH COUNTY EVACUATION LEVELS & SHOULDERS



Hurricane Watch:
An announcement that hurricane conditions (sustained winds of 74 mph or higher) are possible within the specified area. The hurricane watch is issued 48 hours in advance of the anticipated onset of tropical-storm-force winds.

Hurricane Warning:
An announcement that hurricane conditions (sustained winds of 74 mph or higher) are expected somewhere within the specified area. The hurricane warning is issued 36 hours in advance of the anticipated onset of tropical-storm-force winds.

Source: <http://www.nhc.noaa.gov/aboutgloss.shtml#h>

SAFFIR-SIMPSON HURRICANE WIND SCALE

CATEGORY	WIND SPEED (MPH)
Category 1	74 to 95
Category 2	96 to 110
Category 3	111 to 129
Category 4	130 to 156
Category 5	157 and over

LEGEND

Evacuation Levels

Potential Storm
Tide Heights (FT)