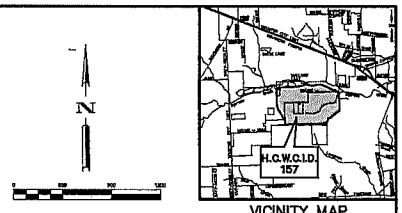
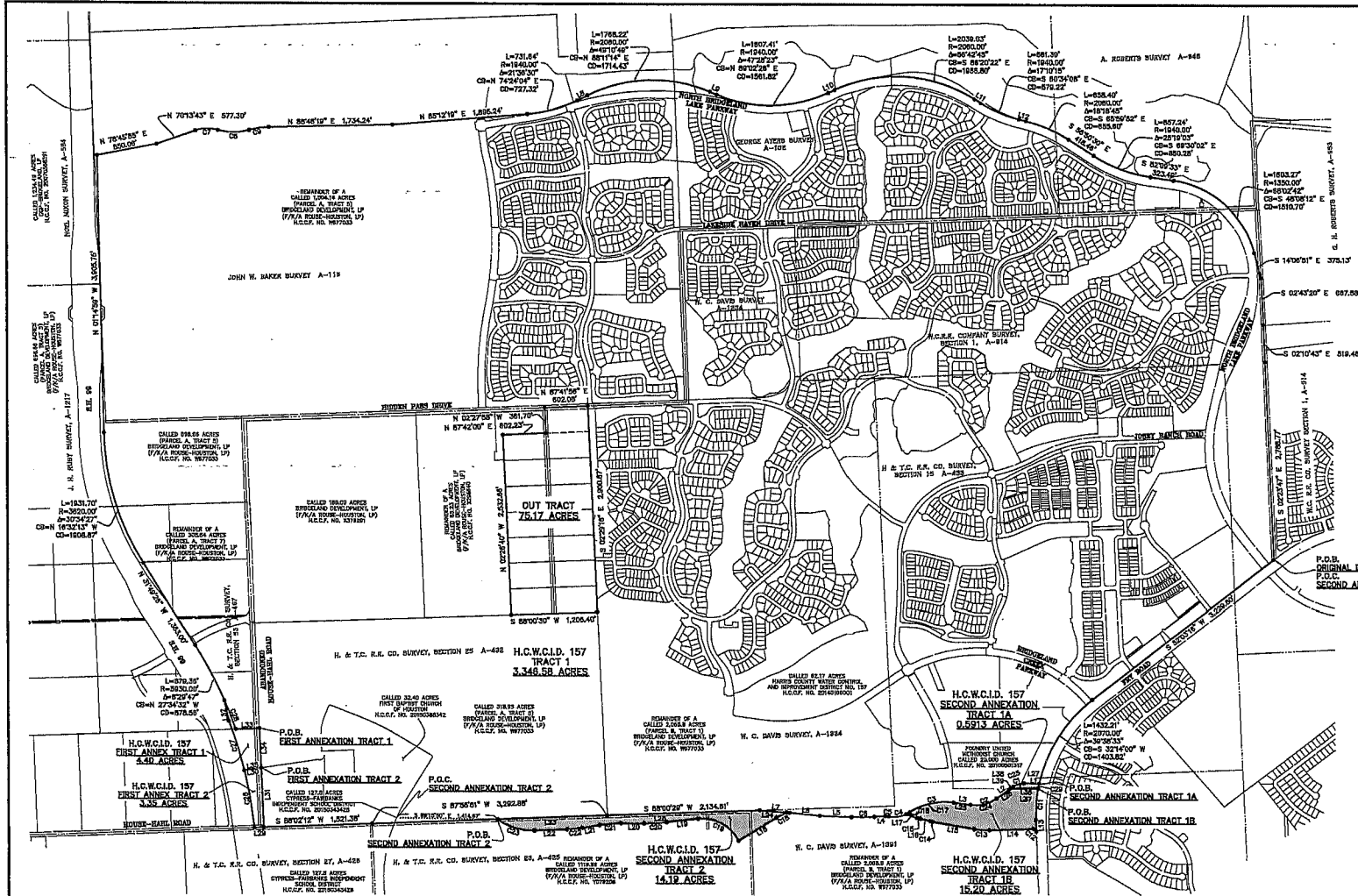


VICINITY MAP

N.T.S.

KEY MAP 366S,T



LEGEND
 H.C.P. HARRIS COUNTY PLAT FILE
 H.C.S. HARRIS COUNTY SURVEY RECORDS
 P.O.B. POINT OF BEGINNING
 P.C.A. POINT OF CORNER

DETAILED AFFIDAVIT AND SUBSCRIBED BY THE UNDERSIGNED MEMBERS OF THE BOARD OF COUNTY COMMISSIONERS OF HARRIS COUNTY, TEXAS, ON BEHALF OF THE BOARD OF COUNTY COMMISSIONERS OF HARRIS COUNTY, TEXAS, TO THE EFFECT THAT THE SURVEY IS TRUE AND CORRECT AND THAT THE SURVEY IS IN ACCORDANCE WITH THE HARRIS COUNTY WATER CONTROL IMPROVEMENT DISTRICT NO. 157 ACTS AS AMENDED.

By: *[Signature]* **John Harker, President**
 By: *[Signature]* **Steve Burns, Vice President**
 By: *[Signature]* **Tom Nelson, Secretary**
 By: *[Signature]* **Christopher Grant, Assistant Secretary**
 By: *[Signature]* **James Heibach, Secretary**

THE STATE OF TEXAS
 Before me, the undersigned, on this day personally appeared _____

I know to me to be the persons whose names are subscribed above, and affirmed and acknowledged that they executed the same in the capacity therein stated.
 Given under my hand and seal of office this _____ day of _____ 2017.

Notary Public in and for the State of Texas

CURVE TABLE

MARKER AND LENGTH	BEARING	CHORD	CHORD BEARING	CHORD DISTANCE
C1	182.52'	253.00'	S 71°14'48" E	158.07'
C2	243.91'	303.00'	S 73°01'07" W	174.82'
C3	84.87'	203.00'	S 77°02'28" W	85.04'
C4	306.28'	420.00'	S 82°33'24" W	199.98'
C5	303.97'	390.00'	S 85°33'17" W	185.81'
C6	331.21'	500.00'	S 89°50'48" W	232.00'
C7	319.11'	380.00'	S 92°50'48" E	214.72'
C8	446.72'	720.00'	S 94°50'48" E	406.19'
C9	271.71'	500.00'	S 97°02'28" E	278.98'
C10	442.82'	520.00'	S 99°02'28" E	441.77'
C11	84.98'	135.00'	S 101°02'28" E	49.20'
C12	211.98'	300.00'	S 103°02'28" E	211.82'
C13	322.89'	500.00'	S 105°02'28" E	328.80'
C14	232.87'	400.00'	S 107°02'28" E	262.88'
C15	263.94'	400.00'	S 109°02'28" E	266.90'
C16	84.87'	203.00'	S 111°02'28" E	85.04'
C17	346.97'	500.00'	S 113°02'28" E	346.97'
C18	446.72'	720.00'	S 115°02'28" E	446.72'
C19	346.97'	500.00'	S 117°02'28" E	346.97'
C20	211.98'	300.00'	S 119°02'28" E	211.98'
C21	135.00'	135.00'	S 121°02'28" E	135.00'
C22	84.87'	203.00'	S 123°02'28" E	84.87'
C23	346.97'	500.00'	S 125°02'28" E	346.97'
C24	346.97'	500.00'	S 127°02'28" E	346.97'
C25	211.98'	300.00'	S 129°02'28" E	211.98'
C26	135.00'	135.00'	S 131°02'28" E	135.00'
C27	84.87'	203.00'	S 133°02'28" E	84.87'
C28	431.98'	630.00'	S 135°02'28" E	431.98'
C29	742.07'	1200.00'	S 137°02'28" E	742.07'

LINE TABLE

MARKER	BEARING	DISTANCE
L1	N 89°52'28" E	214.72'
L2	S 82°50'48" W	214.72'
L3	S 85°50'48" W	158.07'
L4	S 89°50'48" W	158.07'
L5	S 92°50'48" E	158.07'
L6	S 95°50'48" E	158.07'
L7	S 99°50'48" E	158.07'
L8	S 102°50'48" E	158.07'
L9	S 105°50'48" E	158.07'
L10	S 109°50'48" E	158.07'
L11	S 112°50'48" E	158.07'
L12	S 115°50'48" E	158.07'
L13	S 119°50'48" E	158.07'
L14	S 122°50'48" E	158.07'
L15	S 125°50'48" E	158.07'
L16	S 129°50'48" E	158.07'
L17	S 132°50'48" E	158.07'
L18	S 135°50'48" E	158.07'
L19	S 139°50'48" E	158.07'
L20	S 142°50'48" E	158.07'

LINE TABLE

MARKER	BEARING	DISTANCE
L21	S 89°52'28" E	214.72'
L22	S 82°50'48" W	214.72'
L23	S 85°50'48" W	158.07'
L24	S 89°50'48" W	158.07'
L25	S 92°50'48" E	158.07'
L26	S 95°50'48" E	158.07'
L27	S 99°50'48" E	158.07'
L28	S 102°50'48" E	158.07'
L29	S 105°50'48" E	158.07'
L30	S 109°50'48" E	158.07'
L31	S 112°50'48" E	158.07'
L32	S 115°50'48" E	158.07'
L33	S 119°50'48" E	158.07'
L34	S 122°50'48" E	158.07'
L35	S 125°50'48" E	158.07'
L36	S 129°50'48" E	158.07'
L37	S 132°50'48" E	158.07'
L38	S 135°50'48" E	158.07'
L39	S 139°50'48" E	158.07'
L40	S 142°50'48" E	158.07'

H.C.W.C.I.D. 157
 TRACT 1 (3,346.59 ACRES)
 OUT TRACT (~75.17 ACRES)
ORIGINAL DISTRICT BOUNDARY: 3,271.41 ACRES
 FIRST ANNEXATION TRACT 1 (4.40 ACRES)
 FIRST ANNEXATION TRACT 2 (3.35 ACRES)
 SECOND ANNEXATION TRACT 1A (0.5913 ACRES)
 SECOND ANNEXATION TRACT 1B (15.20 ACRES)
 SECOND ANNEXATION TRACT 2 (14.19 ACRES)
ANNEXATION TOTAL: 37,731.3 ACRES

REVISED DISTRICT BOUNDARY: 3,309,141.3 ACRES



ROBERT A. HARPER, Notary Public No. 6992
 1077 Westheimer, Suite 400, Houston, TX 77042
 Tel: 281-558-8700 or www.harpornotary.com
 TSP15 License# Surveying File No. 1016500

HARRIS COUNTY WATER CONTROL IMPROVEMENT DISTRICT NO. 157 HARRIS COUNTY, TEXAS SECOND ANNEXATION

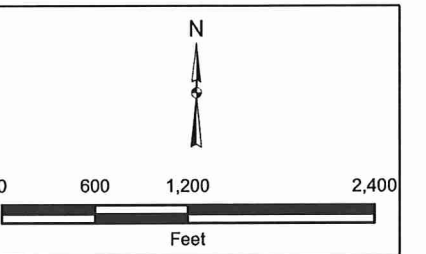
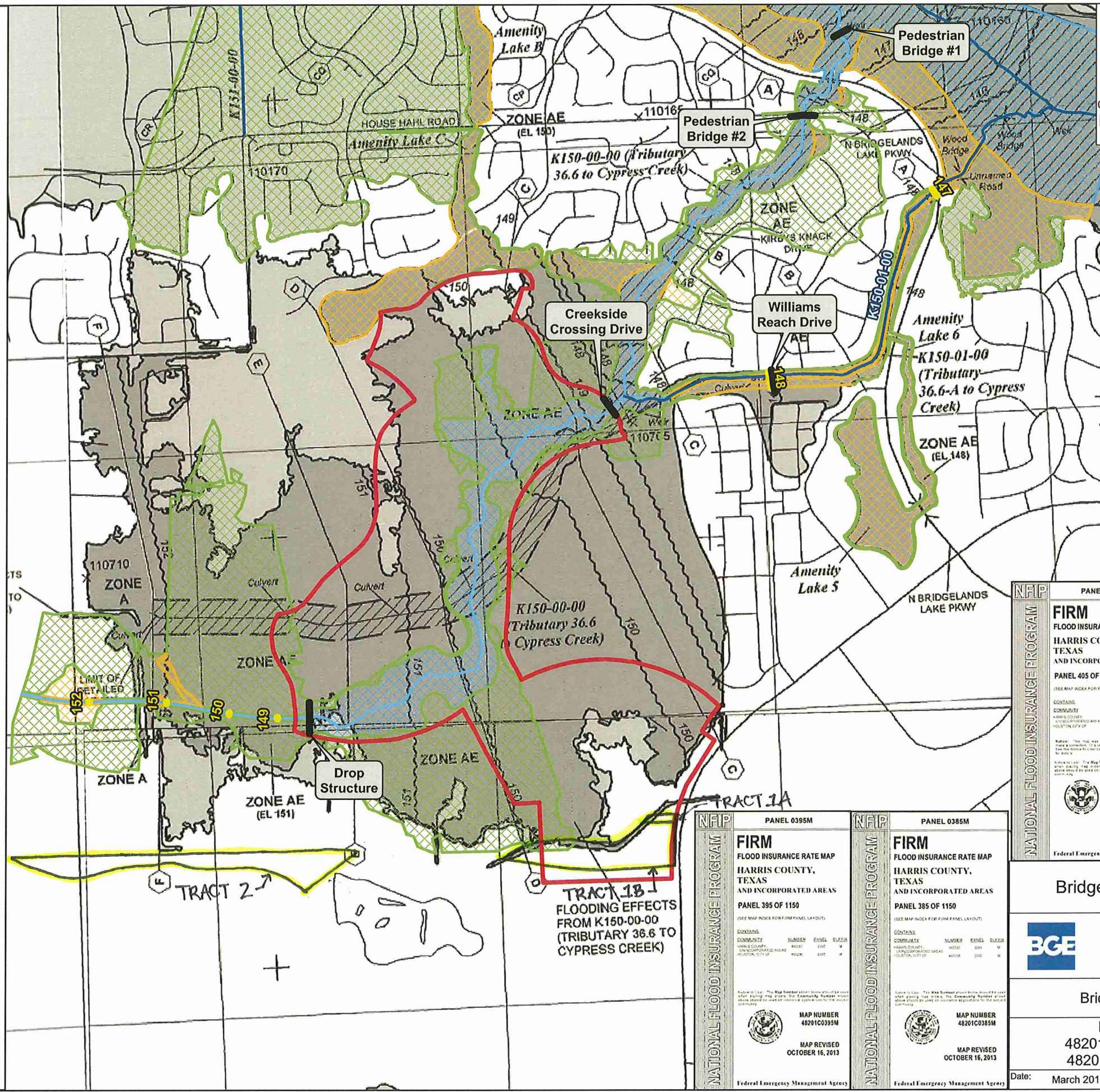
BOUNDARY MAP OF HARRIS COUNTY WATER CONTROL IMPROVEMENT DISTRICT NO. 157 JOHN W. BAKER SURVEY, A-116 H. & T.C. R.R. COMPANY SURVEY, SECTION 25, A-432 H. & T.C. R.R. COMPANY SURVEY, SECTION 15, A-433 H. & T.C. R.R. COMPANY SURVEY, SECTION 53, A-467 H. & T.C. R.R. CO. SURVEY, SECTION 23, A-425 W.C.R.R. COMPANY SURVEY SECTION 1, A-914 J.H. RUBY SURVEY, A-1217 W.C. DAVIS SURVEY, A-1334 HARRIS COUNTY, TEXAS

DATE: 01/29/2017
SCALE: 1"=400'
PLAT NO.: 2017-001
FILE NO.: 2017-001

REVISIONS:
 01/29/2017
 02/02/2017

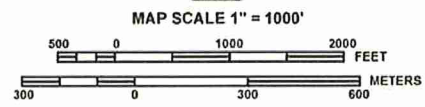
LEGEND

- SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD**
The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.
 - ZONE A** No Base Flood Elevations determined.
 - ZONE AE** Base Flood Elevations determined.
 - ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
 - ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
 - ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
 - ZONE A99** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
 - ZONE V** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
 - ZONE VE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.
 - FLOODWAY AREAS IN ZONE AE**
The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.
 - OTHER FLOOD AREAS**
 - ZONE X** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
 - OTHER AREAS**
 - ZONE X** Areas determined to be outside the 0.2% annual chance floodplain.
 - ZONE D** Areas in which flood hazards are undetermined, but possible.
 - COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS**
 - OTHERWISE PROTECTED AREAS (OPAs)**
- CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- Floodplain boundary
 - Floodway boundary
 - Zone D Boundary
 - CBRS and OPA Boundary
 - Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.
 - Base Flood Elevation line and value; elevation in feet*
 - Base Flood Elevation value where uniform within zone; elevation in feet*
- *Referenced to the North American Vertical Datum of 1988
- 513 (EL 937)
 - 97° 07' 30", 32° 22' 30"
 - 76°E
 - 600000 FT
 - DXS510
 - M1.5
- MAP REPOSITORIES**
Refer to Map Repositories list on Map Index.
- EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP PANEL**
SEPTEMBER 28, 1990
- EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL**
SEPTEMBER 30, 1992
NOVEMBER 6, 1996
APRIL 20, 2000
JUNE 18, 2007
OCTOBER 16, 2013
- For accompanying Reasons for Revision, refer to the Notice to Flood Insurance Study Users page in the Flood Insurance Study report.
- For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.
- To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.



- Proposed BFE
- Existing K150-01-00
- Proposed K150-00-00
- Phase 3 Boundary
- Post-Project FEMA Effective Flood Type
- Post-Project Floodway
- Post-Project 100 yr Floodplain
- Post-Project 500 yr Floodplain

X:\Districts\Bridgeland\GIS\Phase3\LOMR\Exhibit\Ex8 - Annotated\FIRM\Panel 20141217.mxd



<p>NFIP</p> <p>PANEL 0395M</p> <p>FIRM</p> <p>FLOOD INSURANCE RATE MAP</p> <p>HARRIS COUNTY, TEXAS AND INCORPORATED AREAS</p> <p>PANEL 395 OF 1150</p> <p>(SEE MAP INDEX FOR FIRM PANEL LAYOUT)</p> <p>CONTAINS:</p> <p>COMMUNITY: HOUSTON, TEXAS</p> <p>WATER COURSE: UNINCORPORATED AREAS</p> <p>INCORPORATED AREAS: HOUSTON, TEXAS</p> <p>MAP NUMBER: 48201C0395M</p> <p>MAP REVISED: OCTOBER 16, 2013</p> <p>Federal Emergency Management Agency</p>	<p>NFIP</p> <p>PANEL 0385M</p> <p>FIRM</p> <p>FLOOD INSURANCE RATE MAP</p> <p>HARRIS COUNTY, TEXAS AND INCORPORATED AREAS</p> <p>PANEL 385 OF 1150</p> <p>(SEE MAP INDEX FOR FIRM PANEL LAYOUT)</p> <p>CONTAINS:</p> <p>COMMUNITY: HOUSTON, TEXAS</p> <p>WATER COURSE: UNINCORPORATED AREAS</p> <p>INCORPORATED AREAS: HOUSTON, TEXAS</p> <p>MAP NUMBER: 48201C0385M</p> <p>MAP REVISED: OCTOBER 16, 2013</p> <p>Federal Emergency Management Agency</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<p>NFIP</p> <p>PANEL 0405M</p> <p>FIRM</p> <p>FLOOD INSURANCE RATE MAP</p> <p>HARRIS COUNTY, TEXAS AND INCORPORATED AREAS</p> <p>PANEL 405 OF 1150</p> <p>(SEE MAP INDEX FOR FIRM PANEL LAYOUT)</p> <p>CONTAINS:</p> <p>COMMUNITY: HOUSTON, TEXAS</p> <p>WATER COURSE: UNINCORPORATED AREAS</p> <p>INCORPORATED AREAS: HOUSTON, TEXAS</p> <p>MAP NUMBER: 48201C0405M</p> <p>MAP REVISED: OCTOBER 16, 2013</p> <p>Federal Emergency Management Agency</p>	<p>NFIP</p> <p>PANEL 0415M</p> <p>FIRM</p> <p>FLOOD INSURANCE RATE MAP</p> <p>HARRIS COUNTY, TEXAS AND INCORPORATED AREAS</p> <p>PANEL 415 OF 1150</p> <p>(SEE MAP INDEX FOR FIRM PANEL LAYOUT)</p> <p>CONTAINS:</p> <p>COMMUNITY: HOUSTON, TEXAS</p> <p>WATER COURSE: UNINCORPORATED AREAS</p> <p>INCORPORATED AREAS: HOUSTON, TEXAS</p> <p>MAP NUMBER: 48201C0415M</p> <p>MAP REVISED: OCTOBER 16, 2013</p> <p>Federal Emergency Management Agency</p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Bridgeland Development, LP

BGE

Brown & Gay Engineers, Inc.
10777 Westheimer, Suite 400, Houston TX 77042
Tel: 281-558-8700 Fax: 281-558-9701
www.browngay.com

Bridgeland Phase 3 LOMR

Effective FIRM Panel
48201C0405M, 48201C0415M,
48201C0395M, 48201C0385M

Date: March 2016 | Proj. No: 3032-00 | Exhibit No: 8