

HCMUD 531

City of Houston ETJ

VICINITY MAP

DECEMBER 2018

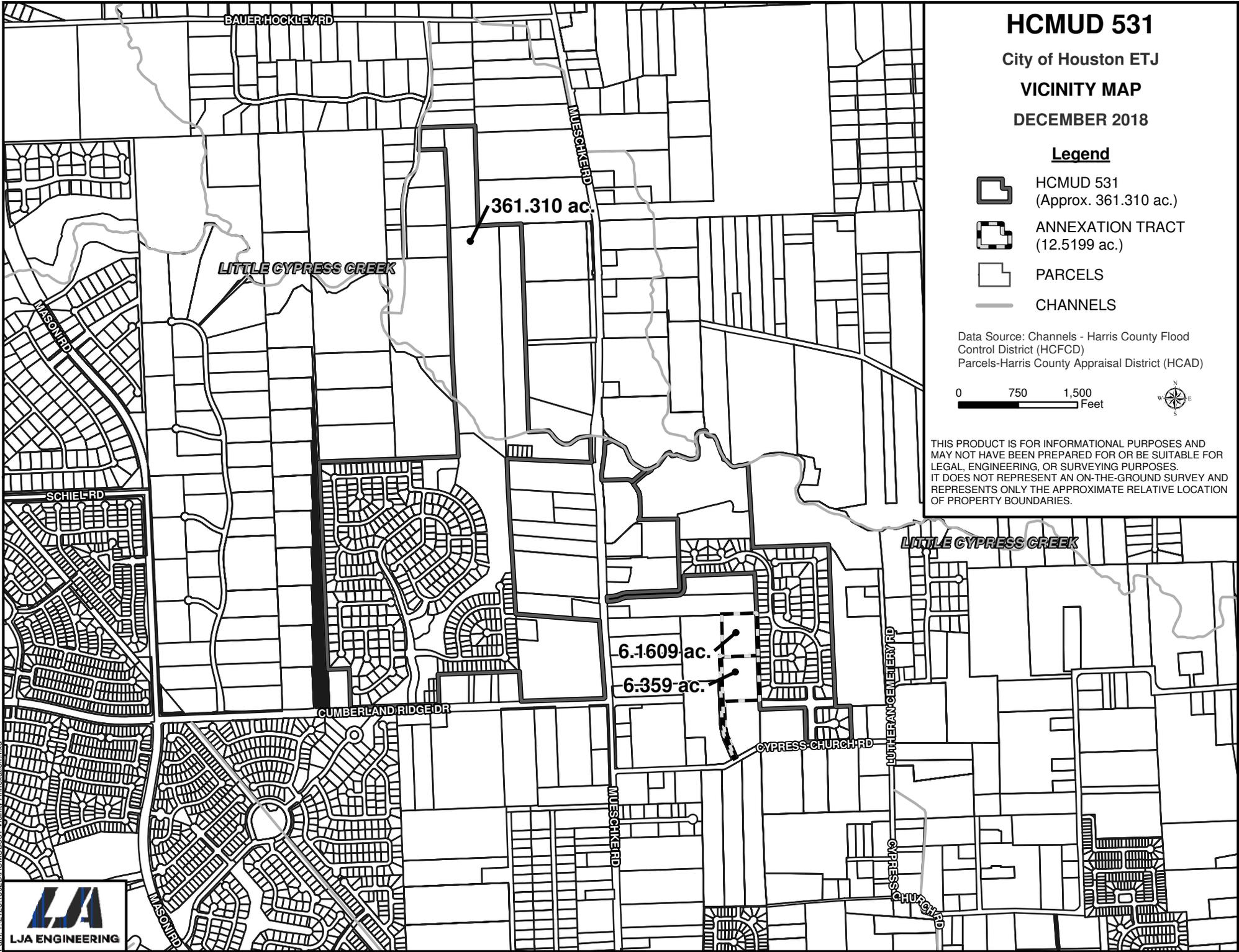
Legend

-  HCMUD 531 (Approx. 361.310 ac.)
-  ANNEXATION TRACT (12.5199 ac.)
-  PARCELS
-  CHANNELS

Data Source: Channels - Harris County Flood Control District (HCFCD)
Parcels-Harris County Appraisal District (HCAD)



THIS PRODUCT IS FOR INFORMATIONAL PURPOSES AND MAY NOT HAVE BEEN PREPARED FOR OR BE SUITABLE FOR LEGAL, ENGINEERING, OR SURVEYING PURPOSES. IT DOES NOT REPRESENT AN ON-THE-GROUND SURVEY AND REPRESENTS ONLY THE APPROXIMATE RELATIVE LOCATION OF PROPERTY BOUNDARIES.



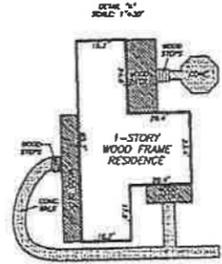
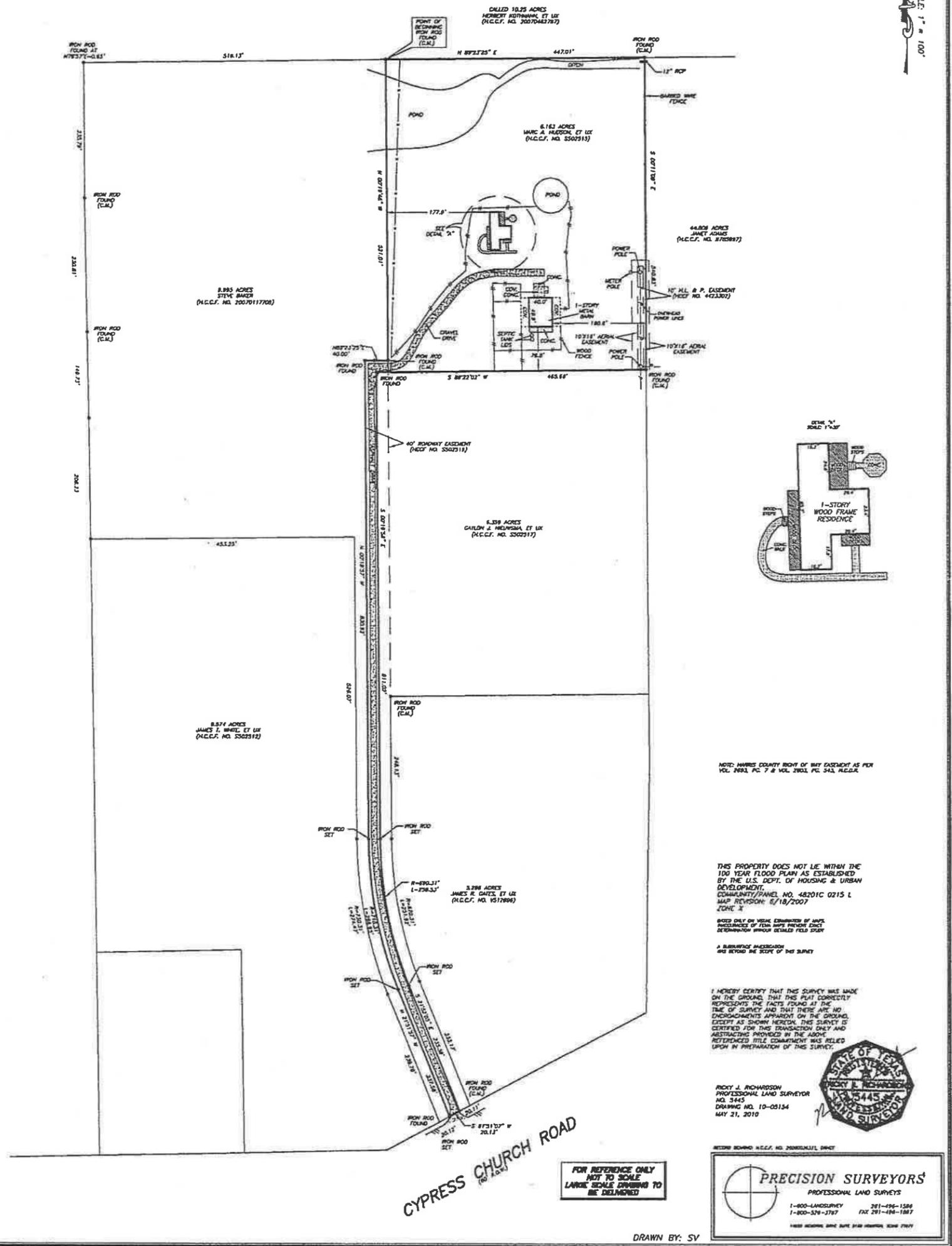
Path: T:\2425\1302D\HCMUD531_Vicinity Annexation.mxd



GF NO. 09105518 STEWART TITLE
 ADDRESS: 19850 CYPRESS CHURCH ROAD
 CYPRESS, TEXAS 77433
 BORROWER: KATHLEEN HUDSON

6.1609 ACRES
SITUATED IN THE MICHAEL BEY SURVEY, A-154
OF HARRIS COUNTY, TEXAS
 (SEE ATTACHED METES AND BOUNDS)

SCALE: 1" = 100'



NOTE: HARRIS COUNTY RIGHT OF WAY EASEMENT AS PER VOL. 2693, PG. 7 & VOL. 2803, PG. 543, A.C.C.R.

THIS PROPERTY DOES NOT LIE WITHIN THE 100 YEAR FLOOD PLAIN AS ESTABLISHED BY THE U.S. DEPT. OF HOUSING & URBAN DEVELOPMENT, COMMUNITY/FLOOD NO. 48201C 0215 L MAP REVISION: 6/18/2007 ZONE X

BASED ONLY ON VISUAL EXAMINATION OF MAPS, RECORDS OF FIELD WORK, PREVIOUS EXISTING DETERMINATION WITHOUT DETAILED FIELD STUDY

A SUBSTANTIAL MEASUREMENT AND BEYOND THE SCOPE OF THIS SURVEY

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND THAT THIS PLAT CORRECTLY REPRESENTS THE FACTS FOUND AT THE TIME OF SURVEY AND THAT THERE ARE NO ENCUMBRANCES APPARENT ON THE GROUND, EXCEPT AS SHOWN HERETO. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY AND ABSTRACTING PROVIDED BY THE ABOVE REFERENCED TITLE COMMITTEE WAS RELIED UPON IN PREPARATION OF THIS SURVEY.

ROBY J. RICHARDSON
 PROFESSIONAL LAND SURVEYOR
 NO. 5445
 DRAWING NO. 10-05154
 MAY 21, 2010



RECORD NUMBER: H.C.C.F. NO. 200503431, SHEET

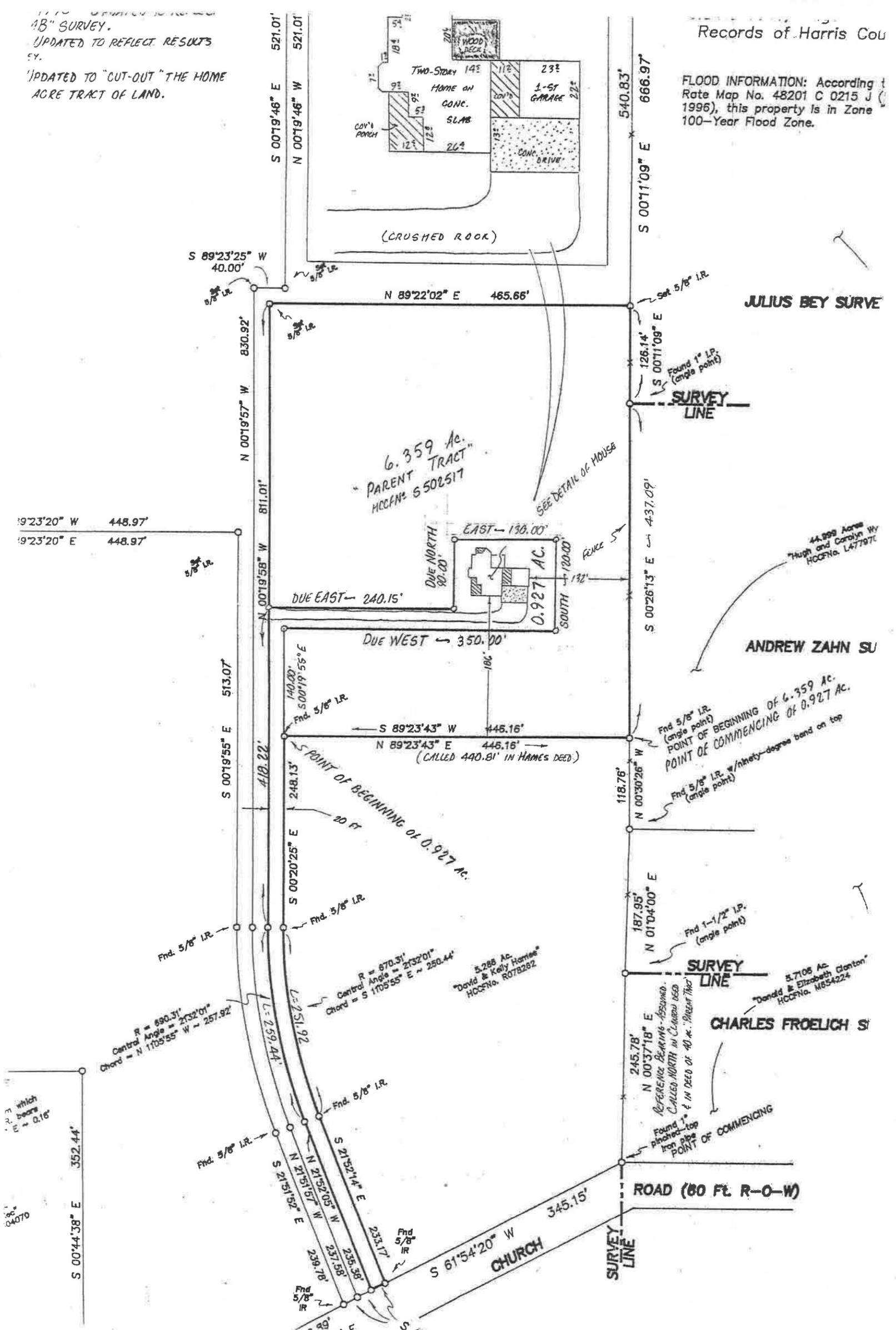
FOR REFERENCE ONLY
 NOT TO SCALE
 LARGER SCALE DRAWINGS TO BE DELIVERED

PRECISION SURVEYORS
 PROFESSIONAL LAND SURVEYS
 1-800-LANDSURVEY 281-496-1586
 1-800-528-3787 FAX 281-496-1887
 1600 HICKORY BONE DALE STATE HIGHWAY, SUITE 100

DRAWN BY: SV

AB" SURVEY.
 UPDATED TO REFLECT RESULTS
 EY.
 UPDATED TO "CUT-OUT" THE HOME
 ACRE TRACT OF LAND.

FLOOD INFORMATION: According to
 Rate Map No. 48201 C 0215 J
 1996), this property is in Zone
 100-Year Flood Zone.



JULIUS BEY SURVEY

ANDREW ZAHN SURVEY

CHARLES FROELICH SURVEY

CHURCH ROAD (60 FT. R-O-W)

6.359 AC.
 "PARENT TRACT"
 HCCFN# S502517

5.288 AC.
 "David & Kelly Homes"
 HCCFN# R078282

44.998 Acres
 "Hugh and Carolyn Wy"
 HCCFN# L47797C

5.7108 AC.
 "Donald & Elizabeth Clenton"
 HCCFN# M854224

(CRUSHED ROCK)

SEE DETAIL OF HOUSE

POINT OF BEGINNING OF 0.927 AC.
 POINT OF COMMENCING OF 0.927 AC.

POINT OF COMMENCING

which bears
 E ~ 0.16"

0.4070

S 89°23'20" W 448.97'
 S 89°23'20" E 448.97'

R = 690.31'
 Central Angle = 2132°01'
 Chord = N 170°55' W ~ 257.92'

S 89°23'43" W 445.16'
 N 89°23'43" E 445.16'
 (CALLED 440.81' IN HAMES DEED)

R = 670.31'
 Central Angle = 2132°01'
 Chord = S 170°55' E ~ 250.44'

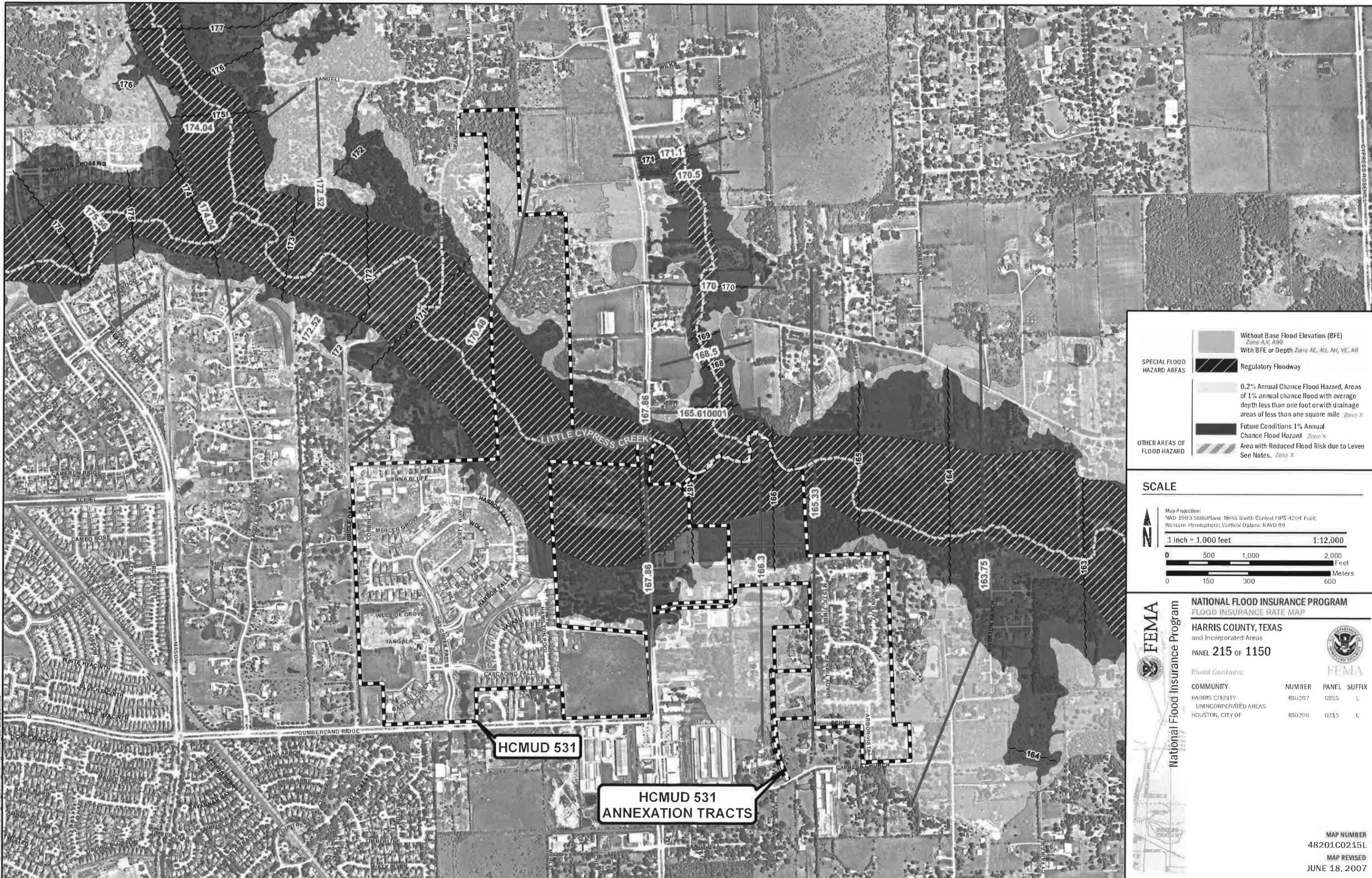
N 01°04'00" E 187.95'

ROAD (60 FT. R-O-W)

SURVEY LINE

SURVEY LINE

SURVEY LINE



SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone A1, A99
- With BFE or Depth Zone AE, AO, AN, VE, AR
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area with Reduced Flood Risk due to Levee See Notes, Zone X

SCALE

Map Projection:
NAD 1983 StatePlane Texas South Central FIPS 4204 Feet;
Western Hemisphere; Vertical Datum: NAVD 88

1 inch = 1,000 feet 1:12,000

0 500 1,000 2,000 Feet

0 150 300 600 Meters

FEMA
National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP

HARRIS COUNTY, TEXAS
and Incorporated Areas

PANEL 215 OF 1150

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
HARRIS COUNTY	480287	0215	L
UNINCORPORATED AREAS			
HOUSTON, CITY OF	480296	0215	L

HCMUD 531

HCMUD 531 ANNEXATION TRACTS

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The community map repository should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only inlandward of 0.2' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the summary of Stillwater Elevations table in the Flood Insurance Study Report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the floodways were compiled at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by flood control structures. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study report for information on flood control structures in this jurisdiction.

The projection used in the preparation of this map was Texas State Plane, South zone. The horizontal datum was NAD 83, GR80 spheroid. Differences in datum, spheroid, projection or State Plane zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

Special Reference System Division
National Geodetic Survey, NOAA
Silver Spring Metro Center
1315 East-West Highway
Silver Spring, Maryland 20910
(301) 713-3131

Vertical Datum Adjustment due to subsidence is the 2001 adjustment benchmarks shown on this map were provided by either Harris County or the National Geodetic Survey. To obtain elevation description, and location information for benchmarks provided by Harris County, please contact the Permits Office of the Public Infrastructure Department at (713) 865-3000 or visit their website at <http://www.ena.hctx.net/permits>. For more information regarding the benchmarks provided by the National Geodetic Survey, please see note above.

Base map information shown on this FIRM was provided by the U.S. Geological Survey, National Agriculture Imagery Program (NAIP), and National Resources Conservation Service (NRCS). Digital Orthophoto Quadrangles were produced at a scale of 1:12,000 from photography dated 1994 or later. NAIP and NRCS orthophotos were produced at a scale of 1:12,000 from photography dated 2004.

Based on updated topographic information, this map reflects more detailed and up-to-date stream channel configurations and floodplain delineations than those shown on the previous FIRM for this jurisdiction. As a result, the Flood Profiles and Floodway Data tables for the Flood Insurance Study report may reflect stream channel distances that differ from what is shown on the map. Also, the road to floodplain relationships for unrevised streams may differ from what is shown on previous maps.

Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed Map Index for an overview map of the county showing the layout of map panels, community map repository addresses, and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

Contact the FEMA Map Service Center at 1-800-358-6616 for information on available products associated with this FIRM. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or digital versions of this map. The FEMA Map Service Center may also be reached by Fax at 1-800-358-6620 and their website at www.msc.fema.gov/.

This map reflects more detailed and up-to-date stream channel configurations than those shown on the previous FIRM for this jurisdiction. The floodplains and floodways that were transferred from the previous FIRM may have been adjusted to conform to these new stream channel configurations. As a result, the Flood Profiles and Floodway Data tables in the Flood Insurance Study report may reflect stream channel distances that differ from what is shown on this map.

Vertical Datum Adjustment due to subsidence is the 2001 adjustment.

Benchmarks shown on this map were provided by either Harris County or the National Geodetic Survey. To obtain elevation, description, and location information for benchmarks provided by Harris County, please contact the Permits Office of the Public Infrastructure Department at (713) 865-3000 or visit their website at <http://www.ena.hctx.net/permits>. For information regarding the benchmarks provided by the National Geodetic Survey, please see note above.

Some bridges and other structures shown on the detailed studied streams are not labeled. See corresponding flood profiles for appropriate name.



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 are: Zone A, AE, AH, AD, 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 sheet flow on sloping terrain); Base Flood Elevations determined.
ZONE AD Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of shallow 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 identified. 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 floodplains.
ZONE B 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 Areas of different Base Flood Elevations, flood depths or flood velocities
Base Flood Elevation line and water elevation to foot*
Base Flood Elevation value where uniform within panel; elevation in feet
***Referenced to the North American Vertical Datum of 1988**

23 Transsect line
23 Culvert, Flume, Penstock or Aqueduct
23 Road or Railroad Bridge
23 Footbridge

97° 07' 30", 32° 22' 30" Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere
7967' E 1000-meter Universal Transverse Mercator grid values, zone 15
5000-foot gpd ticks: Arkansas State Plane coordinate system, North zone (FIPS ZONE 0301), Lambert Conformal Conic Projection
DK5510 X Bench mark (see explanation in Notes to Users section of this FIRM panel)
M.S. Map Depositories
Refer to Map Depositories list on Map Index.

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP PANEL
 March 2, 2010

EFFECTIVE DATES OF REVISION(S) TO THIS PANEL
 April 17, 2012 - to change map notes to reflect the accreditation of formerly provisionally accredited levees.

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.

MAP SCALE 1" = 1000'

1000 0 1000 2000 FEET
300 0 300 600 METERS

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0215L

FIRM
FLOOD INSURANCE RATE MAP
HARRIS COUNTY, TEXAS
AND INCORPORATED AREAS

PANEL 215 OF 1150
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

COMMUNITY	NUMBER	PANEL	SUFFIX
HARRIS COUNTY UNINCORPORATED AREAS	48201	0215	L
HOUSTON, CITY OF	48295	0215	L

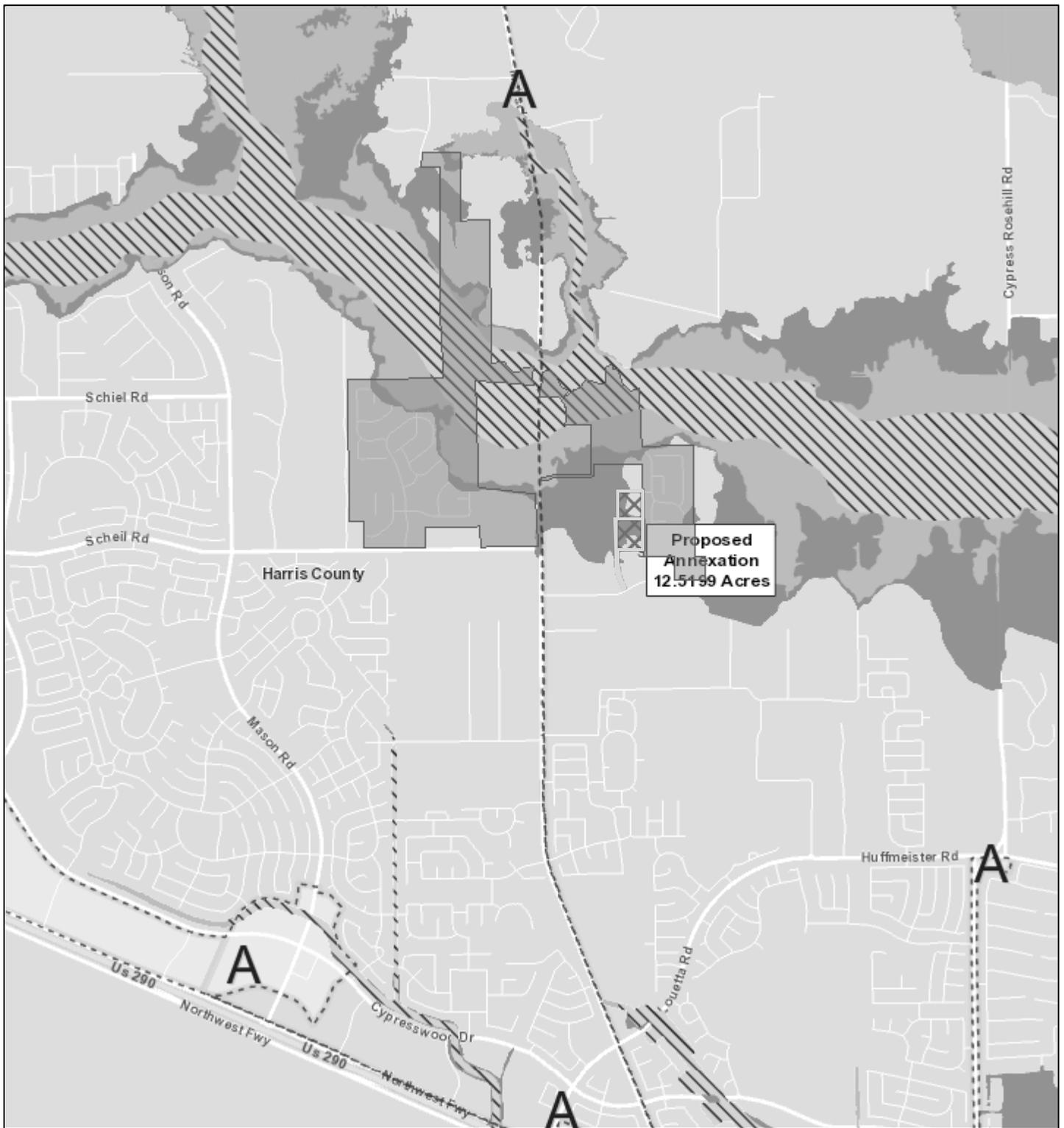
Notice to User: The Map Number shown below should be used when placing map orders. The Community Number shown above should be used on insurance applications for the subject community.

MAP NUMBER
 48201C0215L

MAP REVISED
 JUNE 18, 2007

Federal Emergency Management Agency

Harris County Municipal Utility District No. 531 (12.5199 acres)



2/27/2019 3:31:14 PM

1:36,112

- | | |
|---|---|
|  Existing Acreage of District |  500 Year Floodplain |
|  Proposed Annexation |  Floodway |
|  Council Districts |  City Limits |
- Flood Zone**
-  100 Year Floodplain

