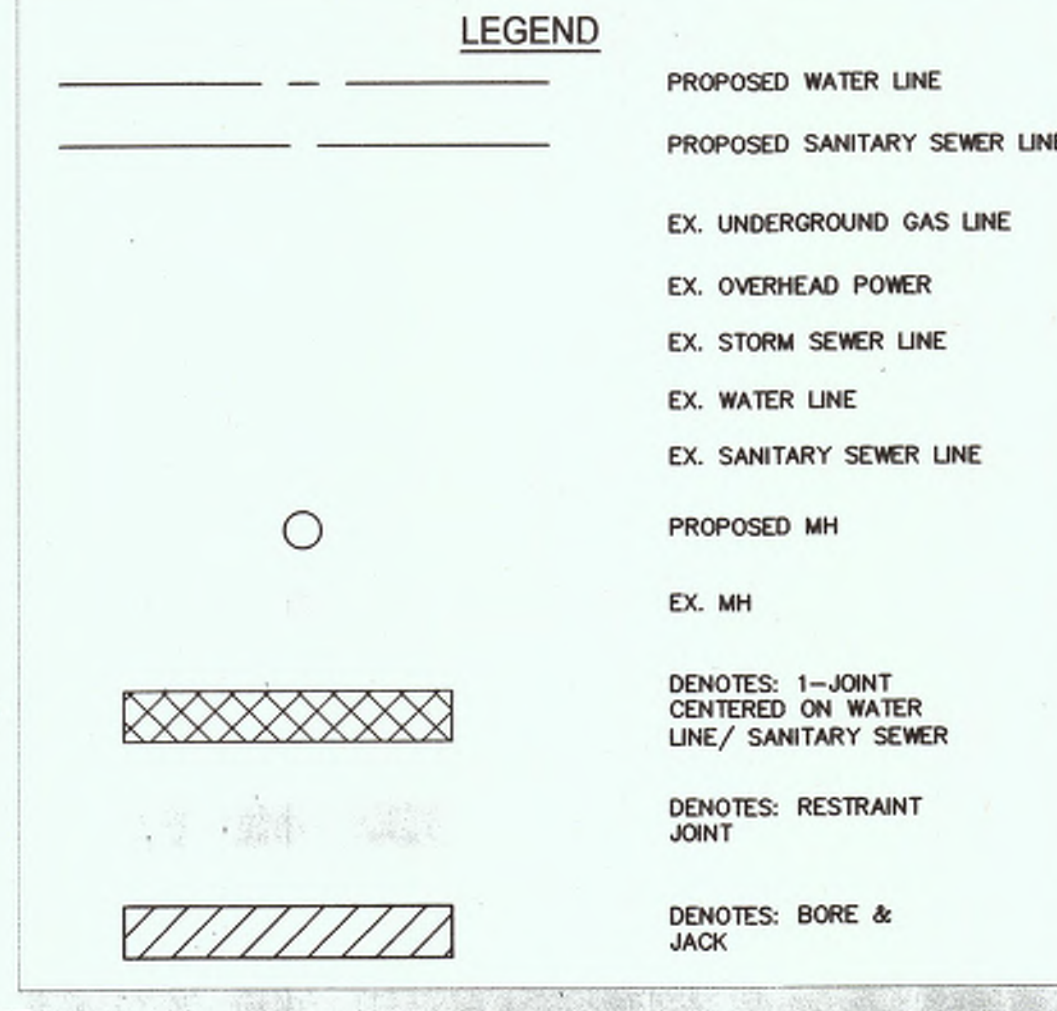


1. CONSTRUCTION OF FACILITIES AND/OR PAVING WORK WITHIN PUBLIC RIGHT-OF-WAY NOTIFICATIONS (PERMIT) ISSUED BY HARRIS COUNTY PUBLIC INFRASTRUCTURE DEPARTMENT - PERMITS OFFICE - IS REQUIRED FOR PROPOSED WORK WITHIN HARRIS COUNTY RIGHT-OF-WAY. THE PROJECT MUST BE APPROVED PRIOR TO OBTAINING THE REQUIRED NOTIFICATION. BE ADVISED THAT A NOTIFICATION MUST BE OBTAINED SEPARATELY FROM SITE DEVELOPMENT PERMIT PACKAGE FOR ADDITIONAL INFORMATION. PLEASE VISIT [HTTP://HCPID.ORG/PERMITS/PR\\_NOTIFICATION\\_OF\\_CONSTRUCTION.HTML](http://hcpid.org/permits/pr_notification_of_construction.html) OR CONTACT PUBLIC REVIEW INSPECTIONS DEPARTMENT @ (713)-274-3931 OR PUBLIC.REVIEW@HCPID.ORG

- GENERAL NOTES**
- REFERENCE SANITARY SEWER AND WATER LINE NOTES SHEET 2 FOR PIPE MATERIAL REQUIREMENTS.
  - ALL DRIVEWAYS, SIDEWALKS, STREET LIGHTS, BUSHES, SHRUBBERY AND LANDSCAPING DAMAGED ON PUBLIC OR PRIVATE PROPERTY SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR BETTER. ALL TREES, LANDSCAPING, IRRIGATION, SPRINKLER HEADS, AND PLANTS SHALL BE PROTECTED DURING CONSTRUCTION.
  - USE 10" GREEN P.V.C. C-900 DR-18 CL.235 FOR BORE & JACK.
  - CONTRACTOR TO SECURE ALL POWER POLES, GUY WIRES, ETC DURING CONSTRUCTION (NO SEPARATE PAY)

- SANITARY SEWER & WATER LINE CROSSING NOTES:**
- PLACE 1 FULL SECTION (MIN 18 FT) OF SS CENTERED AT WL CROSSING. PROVIDE RESTRAINED JOINTS ON SS. SPACED AT LEAST 9 FT HORIZONTALLY FROM CENTERLINE OF WL.
  - PLACE 1 FULL SECTION (MIN 18 FT) OF WL CENTERED AT SS CROSSING. PROVIDE RESTRAINED JOINTS ON WL. SPACED AT LEAST 9 FT HORIZONTALLY FROM CENTERLINE OF SS.
  - EMBED SS WITH CSS FOR THE TOTAL LENGTH OF 1 PIPE SEGMENT PLUS 1 FOOT BEYOND JOINTS AT EACH END. NOT REQUIRED FOR AUGURED WL UNLESS THERE IS EVIDENCE OF LEAKAGE, COMPLETELY FILL AUGURED HOLE WITH BENTONITE/CLAY MIXTURE
  - FOR WATER AND SANITARY CONTRACTOR TO REFERENCE TABLE 7.3 ON SHEET 2, FOR EXACT CONSTRUCTION METHODS AND PROTECTION REQUIREMENTS FOR INSTALLATION OF PROPOSED UTILITIES.



BENCHMARK: ELEVATIONS SHOWN HEREON ARE BASED ON TSARP FLOORPLAN RM NO. 150770 (TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE NAD 83). HESD STAINLESS STEEL ROD STAMPED "HESD 11 1986" AT THE INTERSECTION OF FM 1960 AND BRETON RIDGE STREET LOCATED IN THE GROUND, NORTH OF INTERSECTION, WEST OF JARED JEWELER PARKING LOT. ELEVATION = 120.92' (NAVD 1988M 2001 ADJUSTED)

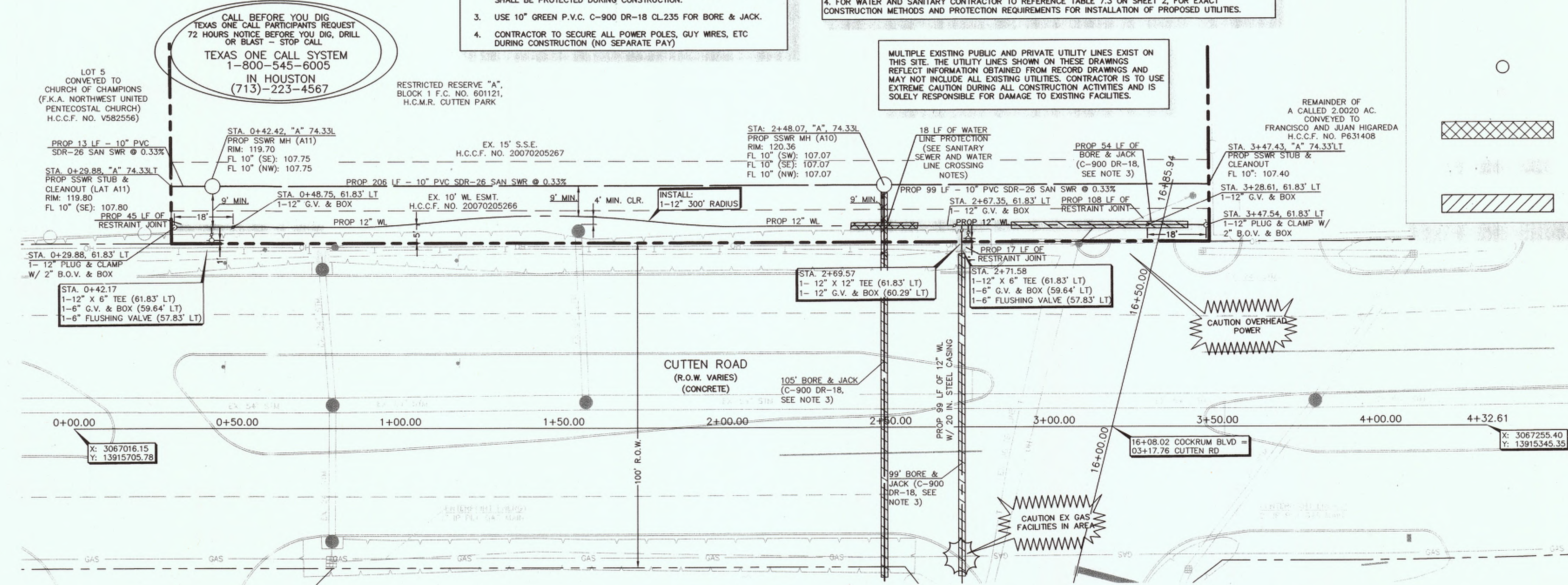
TEMPORARY BENCHMARK "A": CUT "X" ON NORTHERLY BOLT ON TOP FLANGE OF FIRE HYDRANT AT THE NORTHWEST INTERSECTION OF FM 1960 AND CUTTEN ROAD. (NOT SHOWN HEREON) ELEVATION = 124.85

TEMPORARY BENCHMARK "B": CUT "BOX" IN LIGHT STANDPIPE LOCATED APPROX. 100 FEET WEST OF CUTTEN ROAD AND MOST SOUTHERN ENTRANCE OF WALMART, SOUTH SIDE OF ENTRANCE. (SHOWN HEREON) ELEVATION = 122.42

TEMPORARY BENCHMARK "C": BOX CUT ON STORM INLET ALONG THE SOUTH SIDE OF COCKRUM BLVD., APPROX. 100 FEET WEST OF VINVALE ROAD. (SHOWN HEREON) ELEVATION = 117.04'

*Chad Walker* 1/12/2018  
HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO. 391 ENGINEER DATE APPROVAL CAN BE REVOKED, SUSPENDED, OR MODIFIED AT ANY TIME, IN ANY EVENT, IT EXPIRES AUTOMATICALLY AFTER ONE YEAR.

\*OUR APPROVAL DOES NOT INCLUDE A DETERMINATION THAT THE ONSITE PRIVATE UTILITIES WERE DESIGNED PROPERLY. WE REVIEWED THE PLANS SOLELY FOR GENERAL COMPLIANCE WITH THE DISTRICT'S RATE ORDER.



NOTICE: For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This signature does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

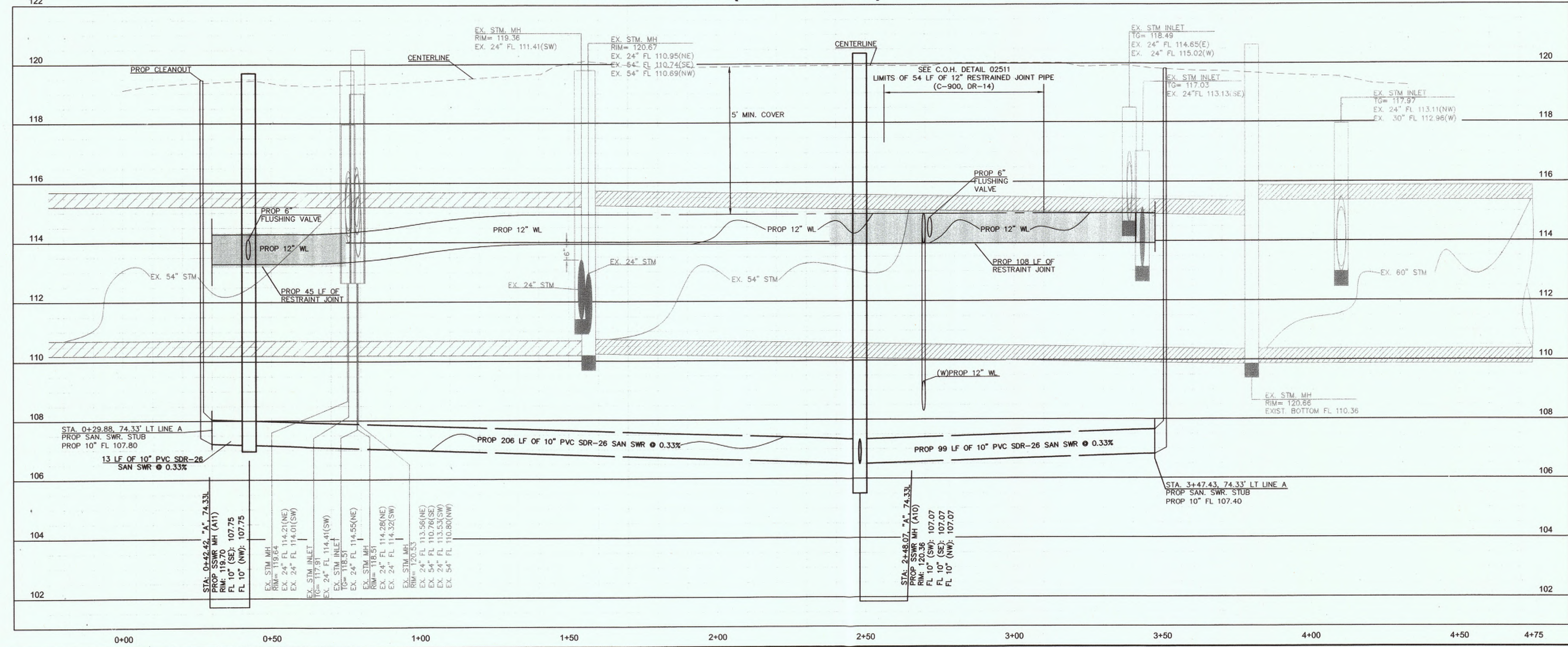
*Chad Walker* DATE: 12/13/17  
CenterPoint Energy natural gas utilities shown. (Gas service lines are not shown). This signature not to be used for conflict verification. Signature valid for 6 months.

*Chad Walker* DATE: 12/13/17  
CenterPoint Energy/UNDERGROUND Electrical Facilities Verification ONLY. (This signature verifies existing underground facilities-not to be used for conflict verification.) Signature valid for 6 months.

*Chad Walker* DATE: 12-13-17  
APPROVED FOR AT&T TEXAS / SWEET UNDERGROUND CONDUIT FACILITIES ONLY SIGNATURE VALID FOR ONE YEAR.

GRAPHIC SCALE  
1 inch = 20 ft  
**NO CHANGE**  
**AS-BUILT**  
By: *[Signature]* Date: 12/10/18

**CUTTEN RD. (100' R.O.W.)**



**ALJLindsey**  
Civil Engineers  
6029 FM 1960 W., Suite 314  
Houston, TX 77069  
281.301.5955  
FRN F-11629

**PATRICK L. CARRIGAN**  
REGISTERED PROFESSIONAL ENGINEER  
95617  
12 DECEMBER 2017

**CUTTEN PARK UTILITIES**

**CUTTEN RD. UTILITY PLAN & PROFILE**

NOTE: CITY SIGNATURES VALID FOR ONE YEAR ONLY AFTER DATE OF SIGNATURES

**CITY OF HOUSTON**  
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING

WATER	TRAFFIC & TRANSPORTATION
WASTEWATER	STORM WATER QUALITY
STORM	FACILITIES
STREET & BRIDGE	

FILE NO: \_\_\_\_\_ FOR CITY OF HOUSTON USE ONLY

DRAWING SCALE

HORIZ: 1"=20'  
VERT: 1"=2'

59273

SHEET NO. 8A OF 17