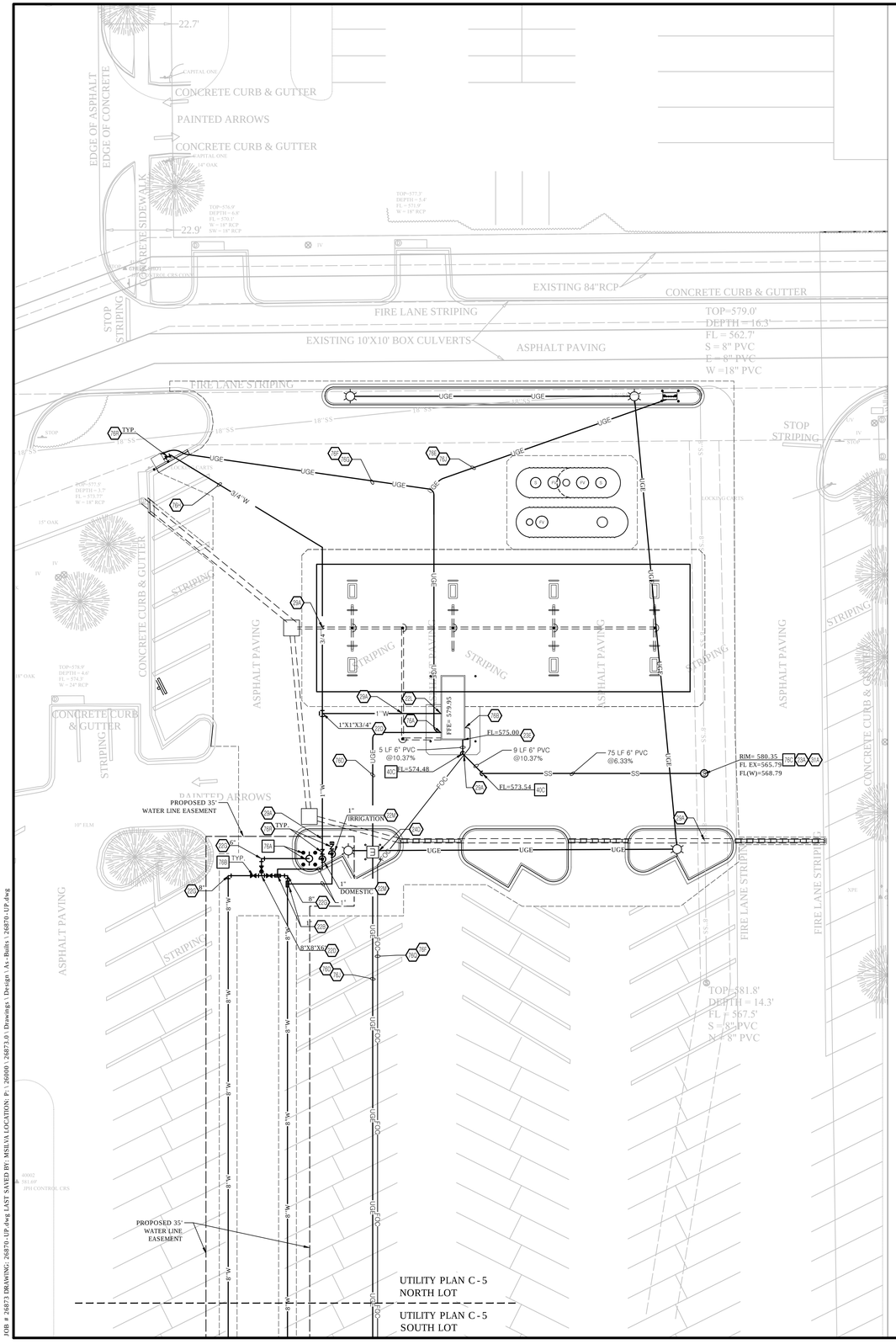


SITE BENCHMARK

SITE BENCHMARK (TBM) IS A MAG NAIL WITH WASHER STAMPED "TBM LAND SURVEYING" SET WITHIN A CONCRETE ISLAND 70± NORTHEAST OF THE NORTHEAST CORNER OF THE BUILDING AT 3770 BELT LINE ROAD AND EAST OF A FIRE HYDRANT. THE TBM HAS THE FOLLOWING VALUES: X = 2477938.09 | Y = 7032888.02 (TEXAS COORDINATE SYSTEM OF 1983, NORTH CENTRAL ZONE) | Z = 586.16' (NAVD'88)

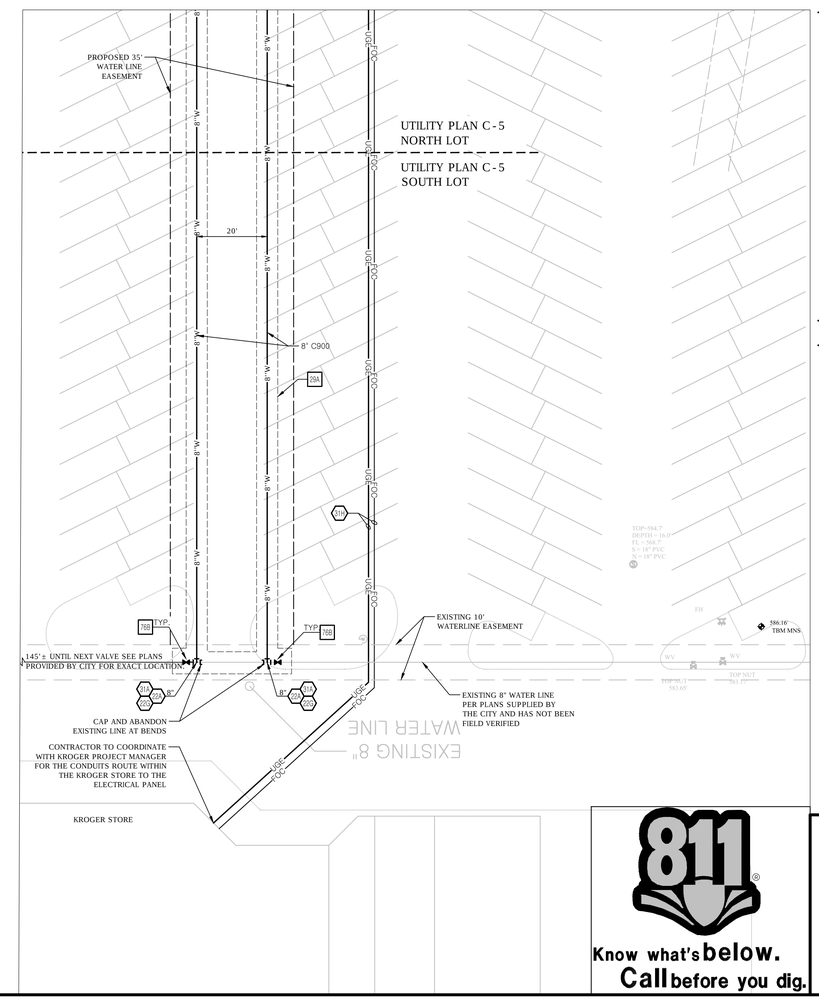
NOTE:
SEE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF PORCHES, RAMPS, VESTIBULE, SLOPED PAVING, TRUCK DOCKS, BUILDING UTILITY ENTRANCE LOCATIONS AND PRECISE BUILDING DIMENSIONS.

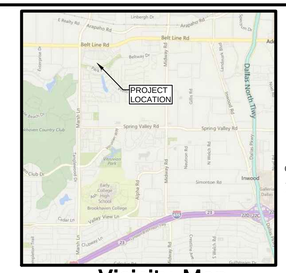
UTILITY DETAILS

29A ASPHALT PATCH FOR STREET OR DRIVE
40C SANITARY SEWER CLEAN-OUT PER CITY DETAIL.
76A FIRE HYDRANT ASSEMBLY AND GUARD POSTS PER CITY DETAILS
76B VALVE PER CITY DETAILS
76C SANITARY SEWER INTERIOR DROP MANHOLE CONNECTION PER CITY DETAILS

PUBLIC INFRASTRUCTURE

600 LF 8" DR-18 PVC LINE
4 - 8" VALVES
4 - 8" 90° BENDS
1 - 8"X8"X6" HYDRANT TEE W/ 6" VALVE & HYDRANT
1 - 6" 90° BEND
17 MEGA-LUG JOINT RESTRAINTS
10 - 8"
3 - 6"
25' - 6" DR-14 PVC LINE
2 - DOUBLE STRAP BRONZE TAPPING SADDLES, CROPS, COPPER, & CURB STOPS
2 - WATER METERS
2 - BPA'S
1 - ISOLATION RPZ BPA (AIR/WATER STATION)





Vicinity Map

Not to Scale

N

0 20' 30' 40'
SCALE IN FEET

LEGEND

EXISTING

- air conditioner
- borehole
- CATV cable tv
- EM electric meter
- fence or handrail
- FDC fire dept. connection
- FH fire hydrant
- guard rail
- grease trap
- GP bollard
- GI grate inlet
- GM gas meter
- GAS gas line
- GUY utility pole anchor
- IV irrigation valve
- landscape or tree line
- LP light pole
- MB mailbox
- MW monitoring well
- OH overhead utility lines
- PE pool equipment
- road sign
- silt fence
- 206.7 spot elevation
- SS sanitary sewer manhole
- sanitary sewer pipe
- SD storm water manhole
- storm water pipe
- TP telephone manhole
- TFL tank fill lid
- TR telephone riser
- traffic signal pole
- CO utility clean out
- UC utility cabinet
- UV utility vault
- utility markings (line color = color of markings)
- UP utility pole
- UP/LIGHT utility pole with riser
- utility sign
- water shutoff
- WV water valve
- water manhole
- WM water meter
- well
- water line

PROPOSED

- PROPERTY LINE/RIGHT OF WAY LINE
- STORM DRAIN
- X"SS SANITARY SEWER SERVICE
- UGE UNDERGROUND ELECTRIC SERVICE
- X"W WATER SERVICE
- X"FO FIBER OPTIC CONDUIT

GENERAL UTILITY NOTES

A. WATER MAINS PVC C-900 SDR-18. WATER SERVICE LINES TYPE K COPPER TO METER. BRASS OR COPPER TO BPA. ALL WATERLINES 8" AND LARGER REQUIRE 48" MIN. COVER.

B. ALL SANITARY SEWER LINES SHALL BE 6" PVC, SDR-35 WITH 36" MIN. COVER.

C. CONTRACTOR SHALL COORDINATE ANY DISRUPTIONS TO EXISTING UTILITY SERVICES WITH ADJACENT PROPERTY OWNERS.

D. ALL ELECTRIC, TELEPHONE AND GAS EXTENSIONS INCLUDING SERVICE LINES SHALL BE CONSTRUCTED TO THE APPROPRIATE UTILITY COMPANY SPECIFICATIONS. ALL UTILITY DISCONNECTIONS SHALL BE COORDINATED WITH THE DESIGNATED UTILITY COMPANIES.

E. CONSTRUCTION SHALL NOT START ON ANY PUBLIC UTILITY SYSTEM UNTIL WRITTEN APPROVAL HAS BEEN RECEIVED BY THE ENGINEER FROM THE APPROPRIATE GOVERNING AUTHORITY AND CONTRACTOR HAS BEEN NOTIFIED BY THE ENGINEER.

F. PRIOR TO THE CONSTRUCTION OF OR CONNECTION TO ANY STORM DRAIN, SANITARY SEWER, WATER MAIN OR ANY OF THE DRY UTILITIES, THE CONTRACTOR SHALL EXCAVATE, VERIFY AND CALCULATE ALL POINTS OF CONNECTION AND ALL UTILITY CROSSINGS AND INFORM CEI ENGINEERING AND THE OWNER/DEVELOPER OF ANY CONFLICT OR REQUIRED DEVIATIONS FROM THE PLAN. NOTIFICATION SHALL BE MADE A MINIMUM OF 48 HOURS PRIOR TO CONSTRUCTION. CEI ENGINEERING AND ITS CLIENTS SHALL BE HELD HARMLESS IN THE EVENT THAT THE CONTRACTOR FAILS TO MAKE SUCH NOTIFICATION.

G. UNLESS OTHERWISE SHOWN, CALLED OUT OR SPECIFIED HEREON OR WITHIN SPECIFICATIONS:
ALL PRIVATE WATER LINE FITTINGS SHALL BE INSTALLED WITH THRUST BLOCKING PER DETAIL 31C.
ALL PUBLIC WATER LINE THRUST BLOCKING SHALL BE IN CORRESPONDENCE WITH CITY DETAILS.
ALL PRIVATE WATER LINE PIPE BEDDING SHALL BE INSTALLED PER DETAIL 76A.
ALL PUBLIC PVC WATER LINE PIPE BEDDING SHALL BE INSTALLED PER CITY DETAILS
ALL SANITARY SEWER PIPE BEDDING SHALL BE INSTALLED PER DETAIL 76A.

H. 1"WATER METER TO BE INSTALLED BY FUEL G.C. METER BOX PROVIDED BY DEVELOPER.

UTILITY NOTES

22A POINT OF CONNECTION - WATER SERVICE (PER LOCAL CODES).
22B M.J. TAPPING SLEEVE WITH M.J. TAPPING VALVE AND THRUST BLOCKING WITH ADJUSTABLE VALVE BOX.
22D M.J.TEE WITH THRUST BLOCKING (SEE SIZES THIS SHEET).
22G 90 DEGREE M.J. BEND WITH THRUST BLOCKING (SEE SIZES THIS SHEET).
22L METERED DOMESTIC WATER SERVICE ENTRY PER ARCH. PLANS (SEE SIZES THIS SHEET).
22M PROPOSED WATER METER (PER LOCAL CODES AND SPECIFICATIONS).
23A POINT OF CONNECTION - SANITARY SEWER SERVICE (PER LOCAL CODES).
23E SANITARY SEWER SERVICE ENTRY (PER ARCH. PLANS).
24D PROPOSED ELECTRIC TRANSFORMER.
29A MAINTAIN MIN. 18 INCHES VERTICAL SEPARATION.
31A LOCATION FOR THIS UTILITY AS SHOWN IS FOR DRAWING PURPOSES ONLY. CONTRACTOR SHALL VERIFY THE EXACT LOCATION IN FIELD PRIOR TO THE CONSTRUCTION OF THE PROPOSED UTILITY LINE TO BE CONNECTED. CONTRACTOR SHALL NOTIFY CEI ENGINEERING IF THE DESIGN AS SHOWN IS NOT ACHIEVABLE.
31H DIRECTIONAL BORINGS PER LOCAL CODES AND SPECIFICATIONS.
76A ELECTRIC SERVICE ENTRY (PER ARCH. PLANS)
76B COMMUNICATION SERVICE ENTRY (PER ARCH. PLANS). FUEL CENTER CONTRACTOR TO PROVIDE CONNECTION FROM STUB TO KIOSK
76D 1-4" ELECTRIC CONDUIT FROM STORE ELECTRIC PANEL TO TRANSFORMER AND 1-2" ELECTRIC CONDUIT FROM TRANSFORMER TO KIOSK. FUEL CONTRACTOR TO PROVIDE & INSTALL CONDUCTORS FROM TRANSFORMER TO KIOSK.
76E PROVIDE AND INSTALL (2) 3/4" CONDUITS WITH PULL STRINGS FROM KIOSK TO VENT RISER.
76F FUEL CONTRACTOR RESPONSIBLE FOR INSTALLING ELECTRIC WIRING AND CABLES IN CONDUITS.
76G PROVIDE AND INSTALL (1) 3/4" CONDUITS FROM KIOSK TO AIR/WATER UNIT.
76H 3/4" WATER LINE TO AIR/WATER UNIT.
76I FUEL CONTRACTOR RESPONSIBLE FOR INSTALLING ELECTRICAL WIRING AND CABLES IN CONDUITS
76Q INSTALL (2) 2" CONDUITS WITH PULL STRINGS FOR FOC COMMUNICATIONS SERVICE FROM KIOSK TO ECR ROOM.
76R REDUCED PRESSURE ZONE ASSEMBLY (PER LOCAL CODES).

AS-BUILT DRAWING BASED SOLELY ON A SKETCH PROVIDED BY COYOTE CONTRACTORS DATED 7-19-2017. CEI ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THIS PLAN

Know what's below. Call before you dig.

F-7524

STATE OF TEXAS
ANDREW SLYTER
104217
LICENSED PROFESSIONAL ENGINEER
12/15/2017

26873	7/24/17	ADS	JEE	JPS	JPS
CEI PROJECT NO.	INITIAL DATE	DPOR	PM	DES	DRW

Engineering Associates, Inc.
ENGINEERS • PLANNERS • SURVEYORS
LANDSCAPE ARCHITECTS • ENVIRONMENTAL SCIENTISTS
4800 Sugar Grove Blvd, Suite 316
Stafford, TX 77477
(281)494-0309
(281)494-0360

KROGER SW870
3770 BELTLINE RD
ADDISON TX

UTILITY PLAN

REV DATE	SHEET NO.
7/24/2017 AS-BUILT	C6

© 2017 CEI ENGINEERING ASSOCIATES, INC.

JOB # 26873 DRAWING: 26870-UP.dwg LAST SAVED BY: MSILVA LOCATION: P:\26000\26873.01\Drawings\Design\As-Builts\26870-UP.dwg