

AS-BUILT PLANS

KROGER FUEL SW870

3770 BELTLINE RD

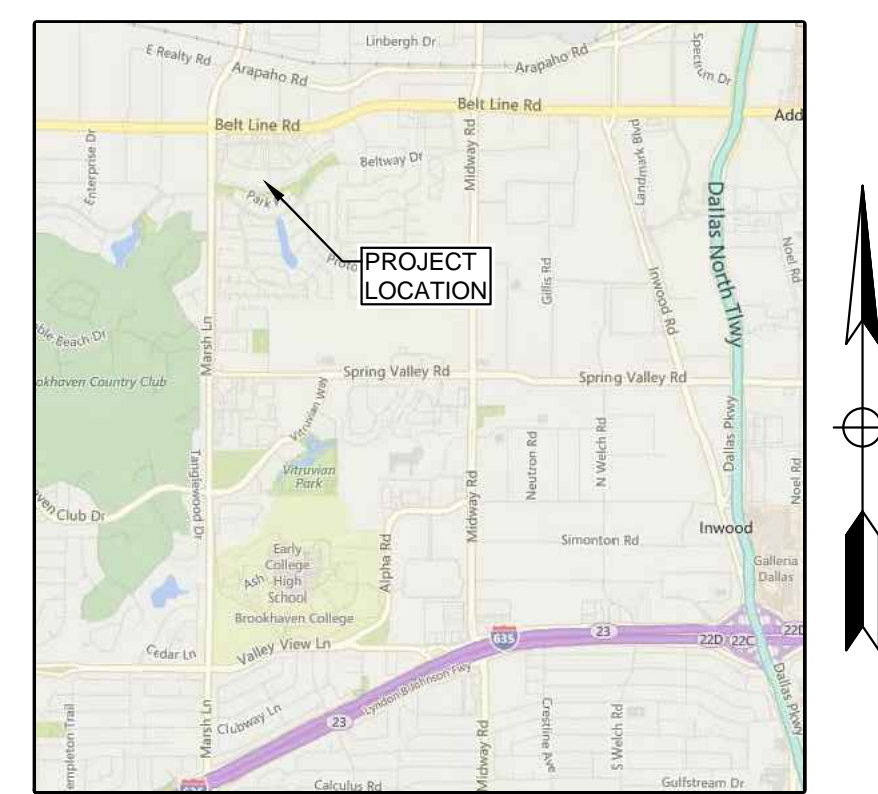
ADDISON, TX



The KROGER Co.
751 FREEPORT PARKWAY,
COPPELL, TX 75019
TELEPHONE: 469- 645- 7942

GENERAL NOTES:

- A. TOPOGRAPHIC BOUNDARY SURVEY, INCLUDING PROPERTY LINES, LEGAL DESCRIPTION, EXISTING UTILITIES, SITE TOPOGRAPHY WITH SPOT ELEVATIONS, OUTSTANDING PHYSICAL FEATURES AND EXISTING STRUCTURE LOCATIONS WAS PROVIDED BY THE FOLLOWING COMPANY, AS A CONTRACTOR TO THE SELLER/OWNER:
- JPH LAND SURVEYING, INC.
807 BLUEBONNET DRIVE, SUITE C, KELLER, TEXAS 76248
TELEPHONE 817- 431- 4971
- CEI ENGINEERING AND ITS ASSOCIATES WILL NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF THE SURVEY OR FOR DESIGN ERRORS OR OMISSIONS RESULTING FROM SURVEY INACCURACIES.
- B. ALL PHASES OF SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE OWNER / DEVELOPER SITE WORK SPECIFICATIONS.
- C. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF EXISTING STRUCTURES, RELATED UTILITIES, PAVING, UNDERGROUND STORAGE TANKS AND ANY OTHER EXISTING IMPROVEMENTS AS NOTED. SEE SITE WORK SPECIFICATIONS.
- D. CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- E. THE GENERAL CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- F. **WARRANTY/ DISCLAIMER:** THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS AND USES INTENDED BY THE OWNER AT THIS TIME. HOWEVER, NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A CONTEMPORANEOUS BASIS AT THE SITE.
- G. **SAFETY NOTICE TO CONTRACTOR:** IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. ANY CONSTRUCTION OBSERVATION BY THE ENGINEER OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES, IN, ON OR NEAR THE CONSTRUCTION SITE.
- H. ALL CONSTRUCTION IN STATE HIGHWAY DEPARTMENT RIGHT- OF- WAY SHALL BE COORDINATED WITH THE HIGHWAY DEPARTMENT RESIDENT ENGINEER.
- I. **WETLANDS NOTE:** ANY DEVELOPMENT, EXCAVATION, CONSTRUCTION, OR FILLING IN A U.S. CORPS OF ENGINEERS DESIGNATED WETLAND IS SUBJECT TO LOCAL, STATE AND FEDERAL APPROVALS. THE CONTRACTOR SHALL COMPLY WITH ALL PERMIT REQUIREMENTS AND/OR RESTRICTIONS AND ANY VIOLATION WILL BE SUBJECT TO FEDERAL PENALTY. THE CONTRACTOR SHALL HOLD THE OWNER/DEVELOPER, THE ENGINEER AND THE LOCAL GOVERNING AGENCIES HARMLESS AGAINST SUCH VIOLATION.
- J. **RESIDENT ENGINEERING SERVICES:** WHEN REQUESTED BY THE OWNER, RESIDENT ENGINEERING SERVICES SHALL BE PROVIDED BY THE ENGINEERS (ON A TIME AND FREQUENCY BASIS ACCEPTABLE TO THE CITY ENGINEER FOR IMPROVEMENTS TO PUBLIC WATER MAINS, PUBLIC SEWER, AND CITY STREETS. AT THE COMPLETION OF CONSTRUCTION, THE ENGINEER SHALL CERTIFY THE CONSTRUCTION TO BE IN COMPLIANCE WITH THE PLANS AND SPECIFICATIONS. THIS WORK WILL BE AT THE OWNER/DEVELOPER'S DIRECT EXPENSE AND SHALL BE COORDINATED WITH CEI ENGINEERING ASSOCIATES, INC. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE RESIDENT ENGINEER OF ANY PRECONSTRUCTION / CONSTRUCTION CONFERENCES AND ANY PUBLIC CONSTRUCTION 24 HOURS PRIOR TO SAID ACTION.



Vicinity Map
Not to Scale

PLAN INDEX:

- C-0 COVER SHEET
- SURVEY
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- C1.1 TRAFFIC CONTROL PLAN
- C-2 OVERALL SITE PLAN
- C-3 SITE PLAN
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- C-5 EROSION CONTROL PLAN
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- L-2 IRRIGATION PLAN
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NOTICE TO BIDDERS:

ALL QUESTIONS REGARDING THE PREPARATION OF THE GENERAL CONTRACTOR'S BID SHALL BE DIRECTED TO THE OWNER'S CONSTRUCTION DEPARTMENT AT (972) 785- 6015. SUBCONTRACTORS MUST DIRECT THEIR QUESTIONS THROUGH THE GENERAL CONTRACTOR. THE CONSULTING ARCHITECT AND/OR THE CONSULTING ENGINEER SHALL NOT BE CONTACTED DIRECTLY WITHOUT PRIOR AUTHORIZATION FROM THE OWNER/DEVELOPER.

FLOOD CERTIFICATION:

ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. 48113-0180K, DATED JULY 7, 2014, THIS PROPERTY IS WITHIN FLOOD ZONE X.

ZONE X - AREAS DETERMINED TO BE INSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN; AREA OF 1% ANNUAL CHANCE OF FLOOD WITH AVERAGE DEPTH OF LESS THAN 1 FOOT OR WITHIN DRAINAGE AREA LESS THAN 1 SQUARE MILE; AND AREA PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.

THIS FLOOD STATEMENT DOES NOT IMPLY THAT THE PROPERTY AND/OR THE STRUCTURE THEREON WILL BE FREE FROM FLOODING OR FLOOD DAMAGE. ON RARE OCCASIONS, GREATER FLOODS CAN AND WILL OCCUR AND FLOOD HEIGHTS MAY BE INCREASED BY MAN- MADE OR NATURAL CAUSES. THIS FLOOD STATEMENT SHALL NOT CREATE LIABILITY ON THE PART OF THE SURVEYOR.



Know what's below.
Call before you dig.



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LANDSCAPE ARCHITECTS • ENVIRONMENTAL SCIENTISTS
4800 Sugar Grove Blvd, Suite 316 (281)494-0309
Stafford, TX 77477 (281)494-0360



APPROVED _____ DATE _____
TOWN OF ADDISON _____

RESOURCE LIST:

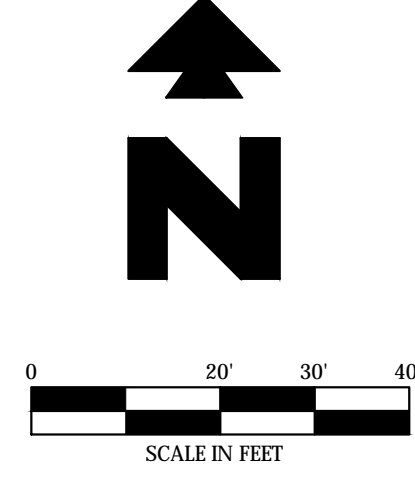
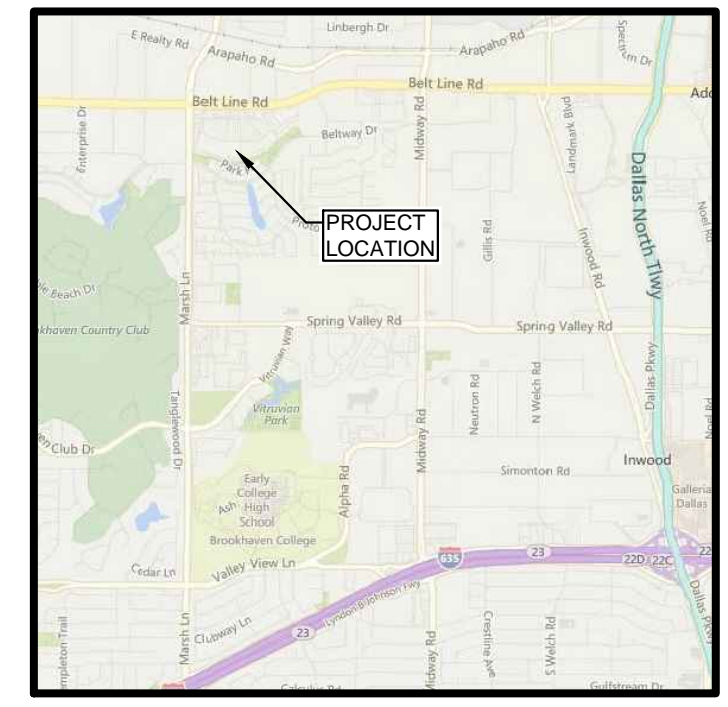
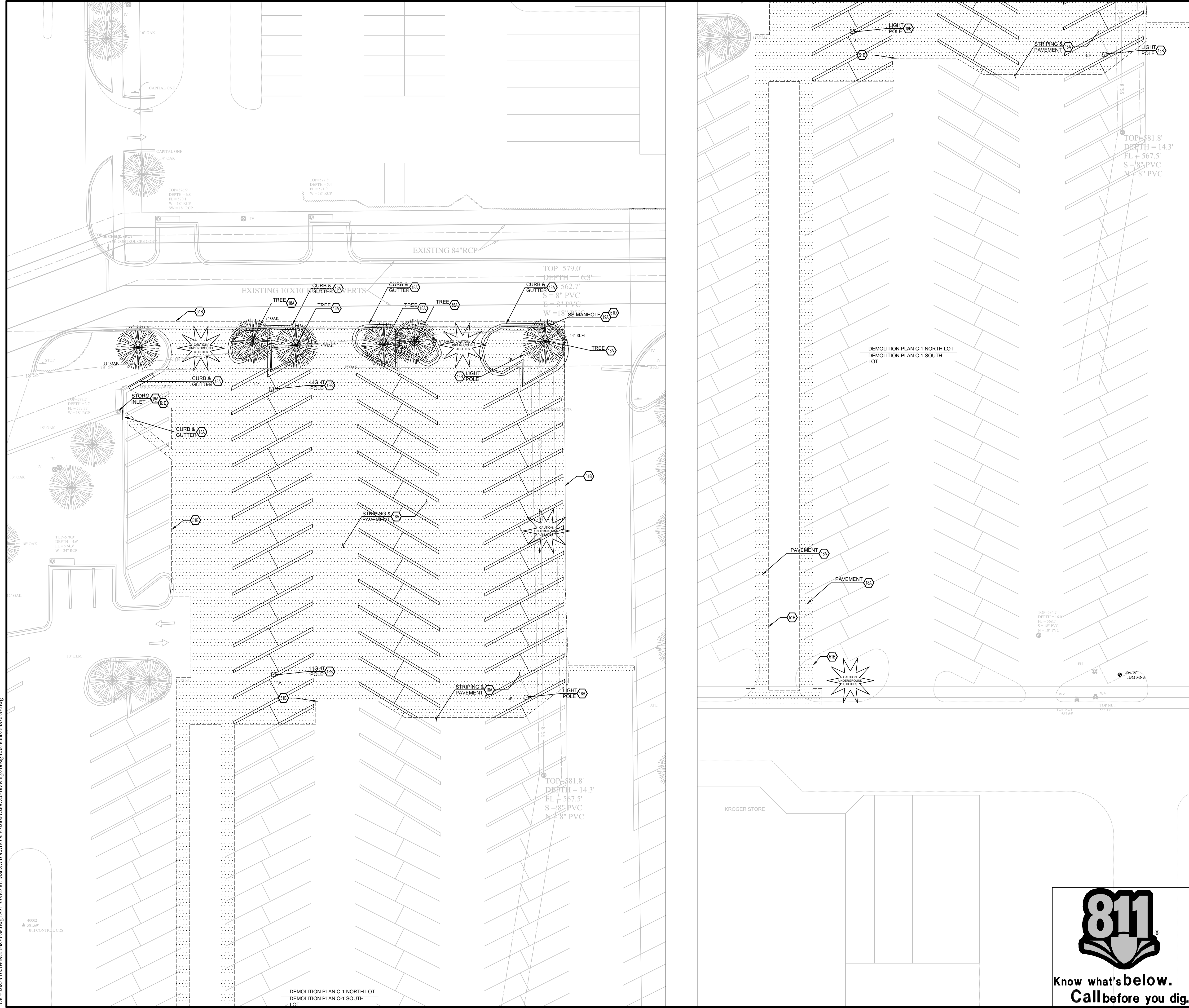
- | | |
|--|---|
| CEI ENGINEERING
4800 SUGAR GROVE BLVD
STAFFORD- 77477
JIM EVANS
TEL: 281- 494- 0360 | GEOTECHNICAL ENGINEERING
ALPHA TESTING, INC.
2209 WISCONSIN STREET, SUITE 100
DALLAS- 7529
TEL: 972- 620- 8911 |
| SURVEYOR
JPH LAND SURVEYING, INC.
807 BLUEBONNET DRIVE, SUITE C
KELLER- 76248
TEL: 817- 431- 4971 | |

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

Arkansas * California * Minnesota * Pennsylvania * Texas

F-7524

JOB NO.: 26873
DWG NAME: 26870-CS
DATE: 7/24/17
2:29 PM
SHEET NO.: CO
AS-BUILT



Vicinity Map
Not to Scale

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

SITE BENCHMARK
SITE BENCHMARK (TBM) IS A MAG-NAIL WITH WASHER STAMPED 7/16 LAND SURVEYING SET WITHIN A CONCRETE ISLAND TO THE 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:
3472938.09' X = 702288.02' (TEXAS COORDINATE SYSTEM OF 1983, NORTH CENTRAL ZONE); Z = 586.16' (DATION)

LEGEND

EXISTING		
	air conditioner	
	borehole	
	cable tv	
	electric meter	
	fence or handrail	
	fire dept. connection	
	fire hydrant	
	guard rail	
	grease trap	
	grate inlet	
	gas meter	
	gas line	
	utility pole anchor	
	irrigation valve	
	landscape or tree line	
	light pole	
	mailbox	
	monitoring well	
	overhead utility lines	
	pool equipment	
	road sign	
	silt fence	
	spot elevation	
	sanitary sewer manhole	
	sanitary sewer pipe	
	storm water manhole	
	storm water pipe	
	telephone manhole	
	tank fill lid	
	telephone riser	
	utility clean out	
	utility cabinet	
	utility vault	
	utility markings (line color = color of markings)	
	utility pole	
	utility pole with riser	
	utility sign	
	water shutoff	
	water valve	
	water manhole	
	water meter	
	well	
	water line	

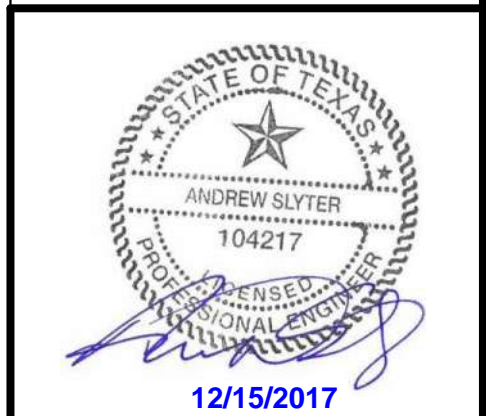
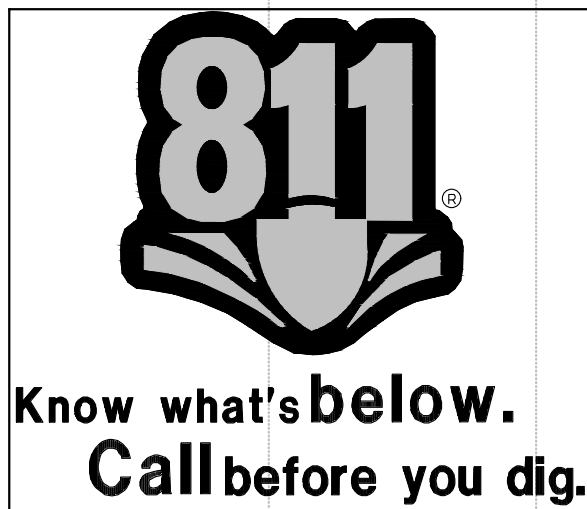
GENERAL DEMOLITION NOTES

- THE SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE OWNER'S STANDARD SITE WORK SPECIFICATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF THE EXISTING STRUCTURES, RELATED UTILITIES, PAVING, UNDERGROUND STORAGE TANKS AND ANY OTHER EXISTING IMPROVEMENTS AS NOTED. SEE SITE WORK SPECIFICATIONS.
- CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM PREVIOUS AND CURRENT DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- THE GENERAL CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. THE CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE ADJACENT PROPERTIES OCCURRING DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- ENGINEER'S NOTICE TO CONTRACTOR**
THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

DEMOLITION NOTES

- 18A EXISTING TO BE REMOVED.
- 18B EXISTING TO BE RELOCATED.
- 19A EXISTING TO REMAIN.
- 51B LIMITS OF SAWCUT AND PAVEMENT REMOVAL.
- 51D PROTECT EXISTING STRUCTURES AND/OR PIPES DURING DEMOLITION AND CONSTRUCTION PHASES.

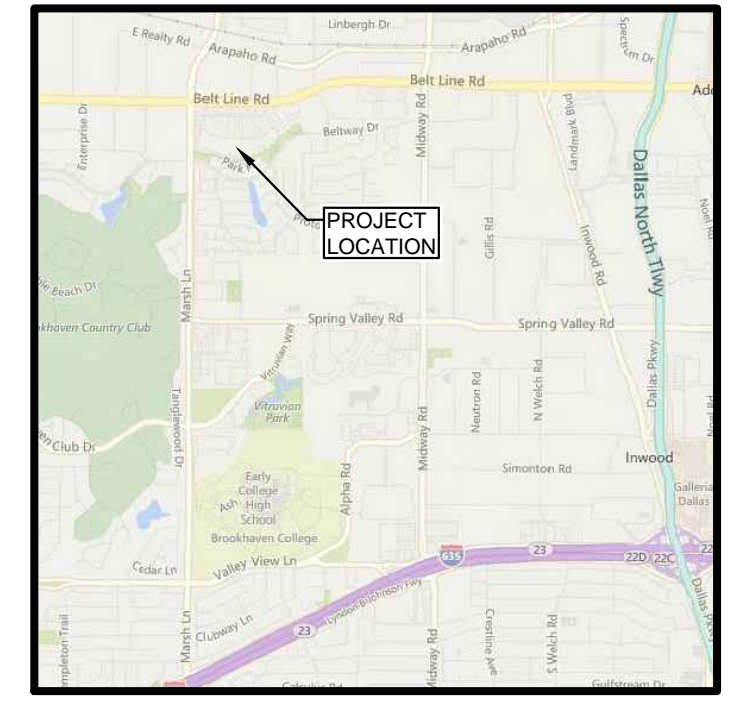
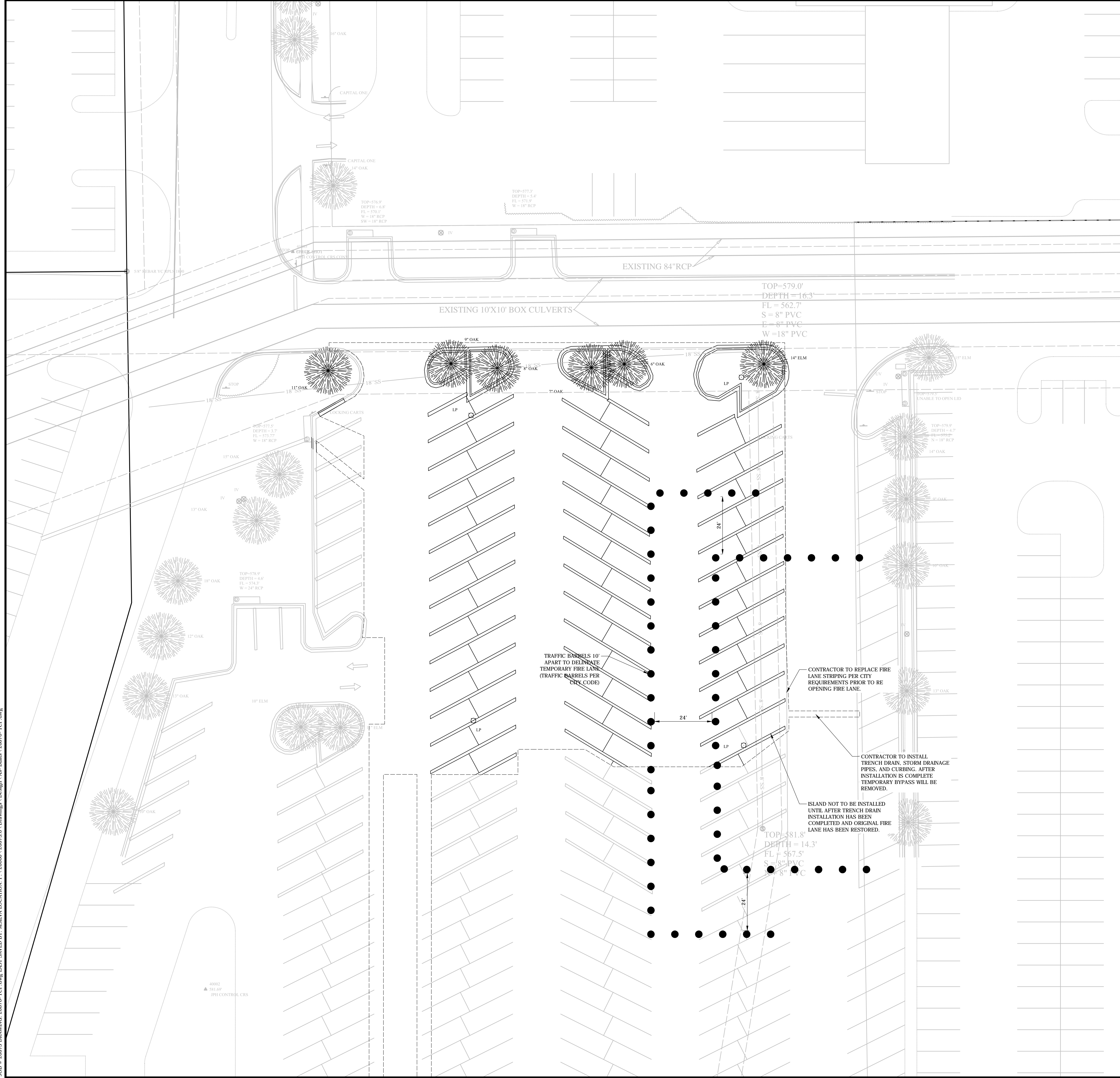
AS-BUILT DRAWING BASED SOLELY ON A SKETCH PROVIDED BY COYOTE CONTRACTORS DATED 7-19-2017. CEI ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THIS PLAN



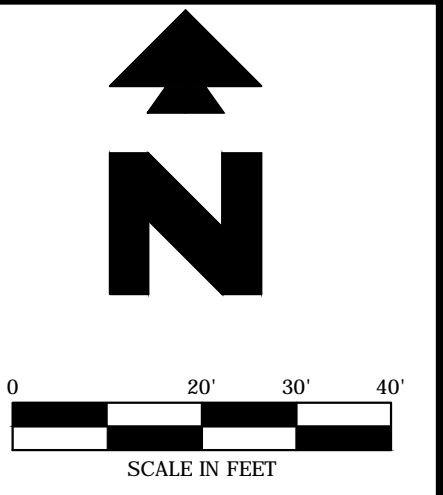
26873	4/22/16	ADS	JEE	JPS	JPS
CEI PROJECT NO.	INITIAL DATE	DPOR	PM	DES	DRW
F-7524					
CEI Engineering Associates, Inc.					
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4800 Sugar Grove Blvd, Suite 316 (281)494-0309 Stafford, TX 77477 (281)494-0360					
KROGER SW870					
3770 BELTLINE RD TX					
ADDISON TX					
DEMOLITION PLAN				REV DATE 7/24/17	SHEET NO. C1
				AS-BUILT	

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DEMOLITION PLAN C-1 NORTH LOT
DEMOLITION PLAN C-1 SOUTH LOT



Vicinity Map



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

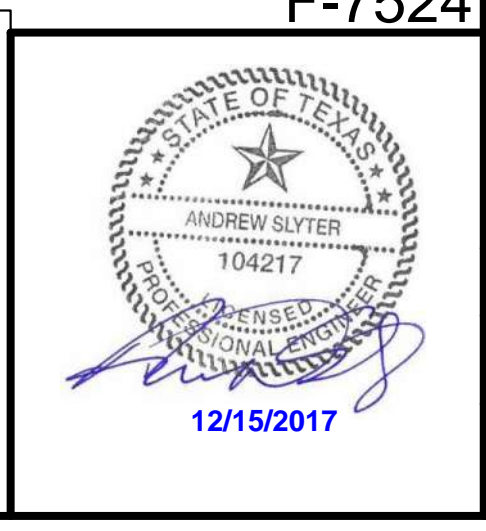
SITE BENCHMARK
SITE BENCHMARK (TBM) IS A MAG NAIL WITH WASHER STAMPED "PH LAND SURVEYING" SET WITHIN A CONCRETE ISLAND 7'X7' NORTHEAST OF THE NORTHEAST CORNER OF THE BUILDING AT 3770 BELT LINE ROAD AND EAST OF A FIRE HYDRANT. THE TBM HAS THE FOLLOWING VALUES: X = 347938.09 Y = 702886.02 (TEXAS COORDINATE SYSTEM OF 1983, NORTH CENTRAL ZONE); Z = 586.46 (OASVD98)

LEGEND

EXISTING					
AC	air conditioner	LP	light pole	UC	utility clean out
BH	borehole	MB	mailbox	UCB	utility cabinet
CAV	cable tv	MW	monitoring well	UV	utility vault
EM	electric meter	OW	overhead utility lines	UM	utility markings (line color = color of markings)
FH	fence or handrail	PE	pool equipment	UP	utility pole
FD	fire dept. connection	RF	road sign	UPR	utility pole with riser
FDH	fire hydrant	SF	silt fence	US	utility sign
GR	guard rail	SE	spot elevation	WS	water shutoff
GT	grease trap	SM	sanitary sewer manhole	WV	water valve
H	holland	SW	sanitary sewer pipe	WM	water manhole
GI	grate inlet	SWM	storm water manhole	WM	water meter
GM	gas meter	SWP	storm water pipe	W	well
G	gas line	T	telephone manhole	WL	water line
UPA	utility pole anchor	TFF	tank fill hd		
IR	irrigation riser	TR	telephone riser		
L	landscape or tree line	TS	traffic signal pole		

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

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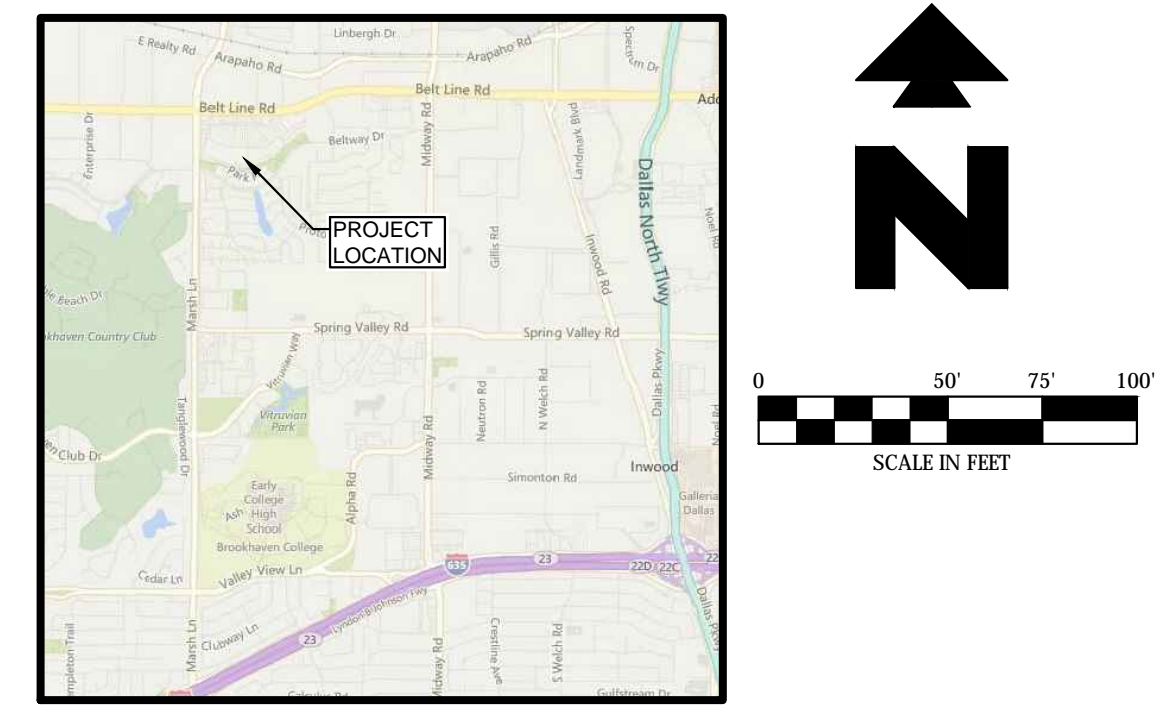
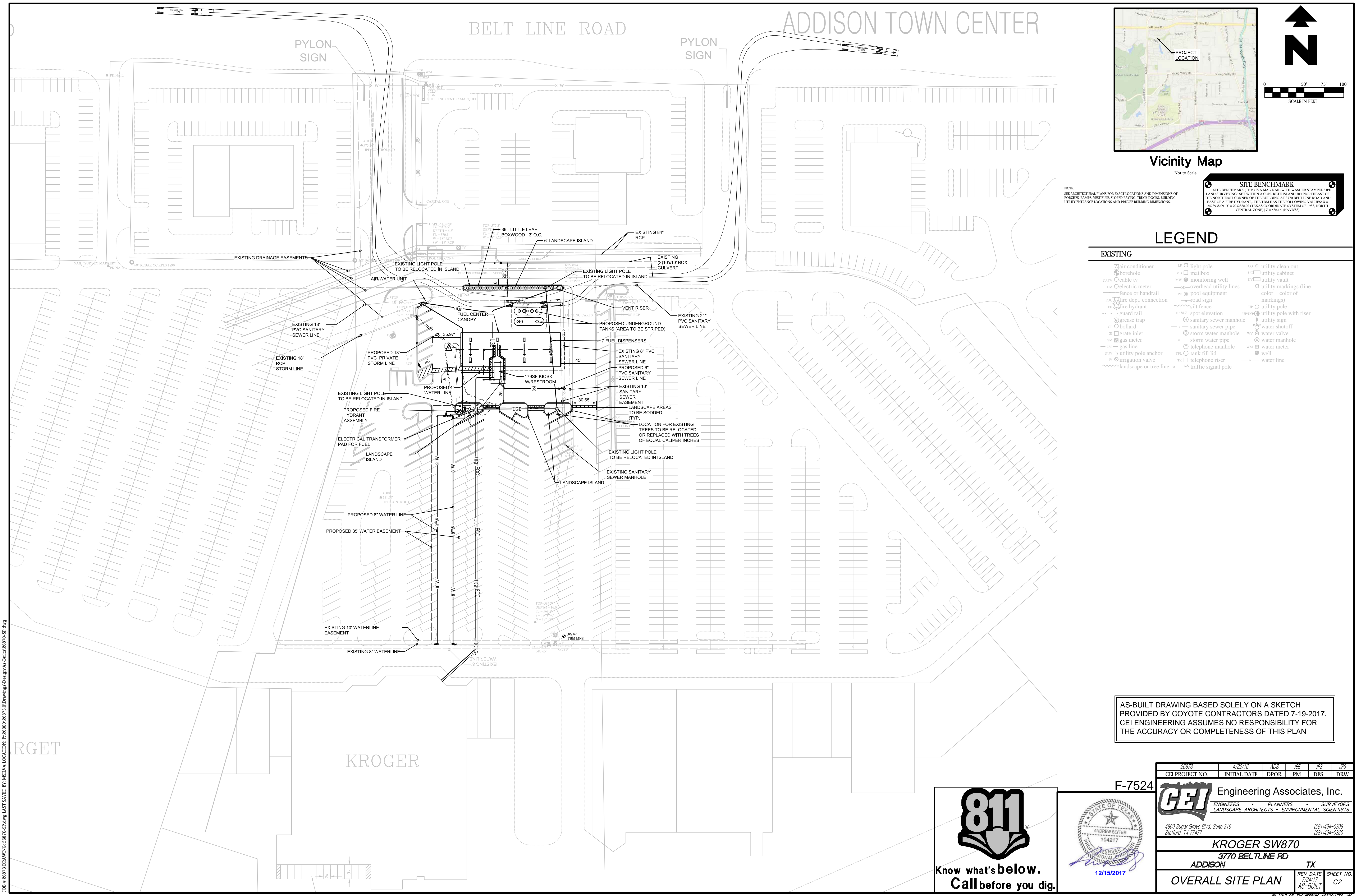
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KROGER SW870
3770 BELTLINE RD
ADDISON TX

TRAFFIC CONTROL PLAN
REV DATE: 7/24/2017
AS-BUILT

SHEET NO. C1.1



Vicinity Map
Not to Scale

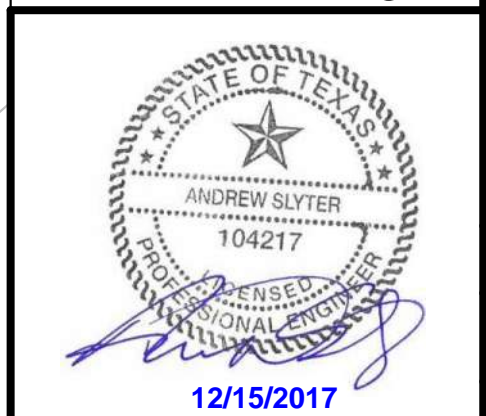
SITE BENCHMARK
 NOTE: SEE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF PIERCES, KAMPS, VISIBLE, SLOPED PAVING, TRUCK DOCKS, BUILDING UTILITY ENTRANCE LOCATIONS AND PRECISE BUILDING DIMENSIONS.
 SITE BENCHMARK (BENCHMARK) IS A MAG NAIL WITH WASHER STAMPED "101 LAND SURVEYING" SET WITHIN A CONCRETE ISLAND 70' NORTHEAST OF THE NORTHEAST CORNER OF THE BUILDING AT 770 BELT LINE ROAD AND EAST OF A FIRE HYDRANT. THE BENCHMARK HAS THE FOLLOWING VALUES: X = 247088.00 Y = 78288.00 TEXAS COORDINATE SYSTEM OF 1983 NORTH CENTRAL ZONE (Z = 586.16 (NAVD83))

LEGEND

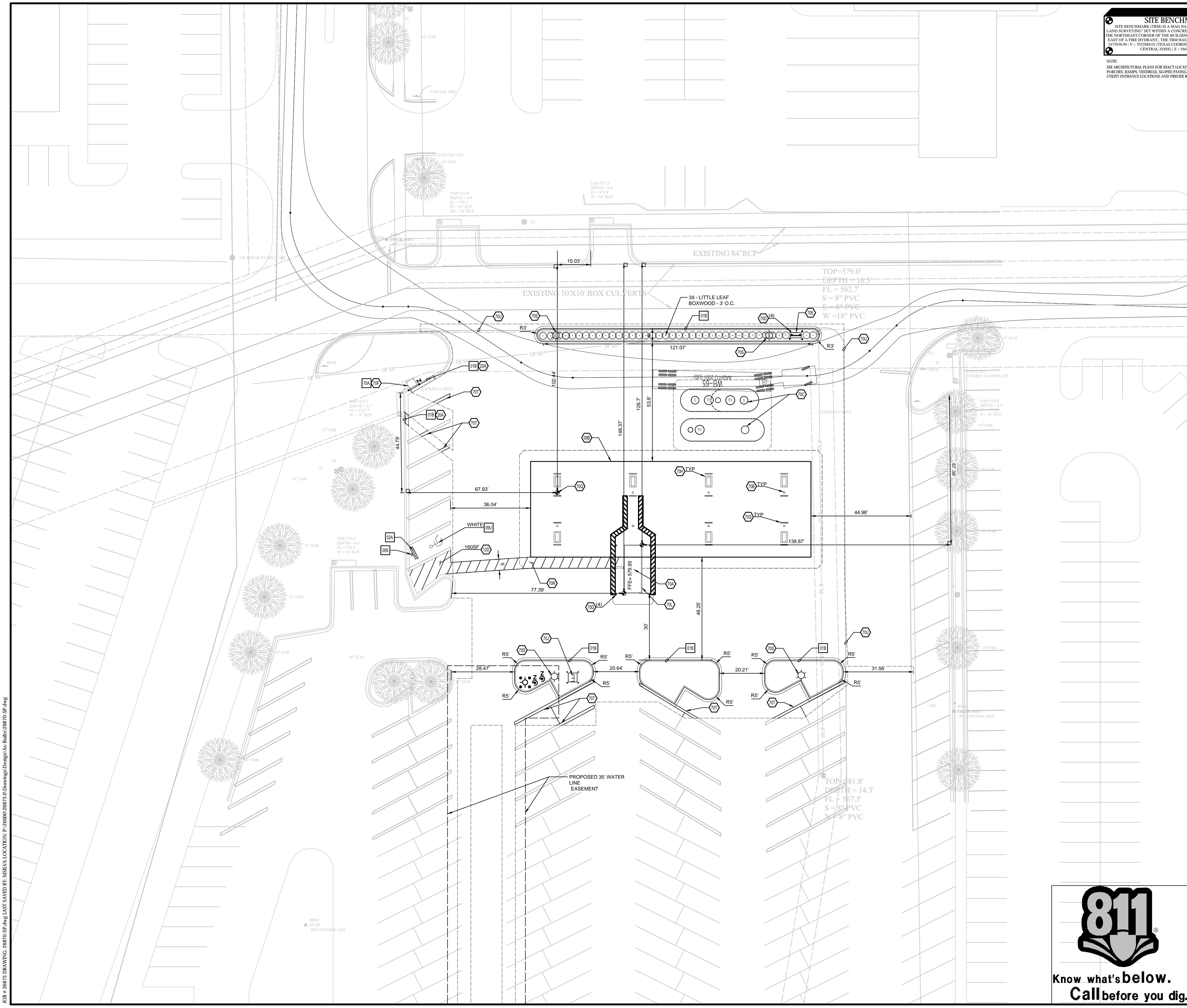
EXISTING		
air conditioner	light pole	utility clean out
borehole	mailbox	utility cabinet
cable tv	monitoring well	utility vault
electric meter	overhead utility lines	utility markings (line color = color of markings)
fence or handrail	pool equipment	utility pole
fire dept. connection	road sign	utility pole with riser
fire hydrant	silt fence	utility sign
guard rail	spot elevation	water shutoff
grease trap	sanitary sewer manhole	water valve
hollard	sanitary sewer pipe	water manhole
grate inlet	storm water manhole	water meter
gas meter	storm water pipe	well
gas line	telephone manhole	water line
utility pole anchor	tank fill lid	
irrigation valve	telephone riser	
landscape or tree line	traffic signal pole	

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

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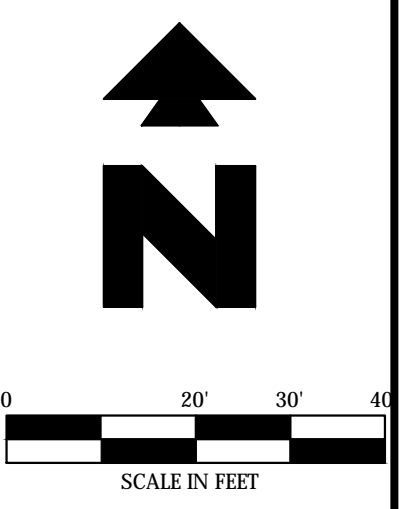
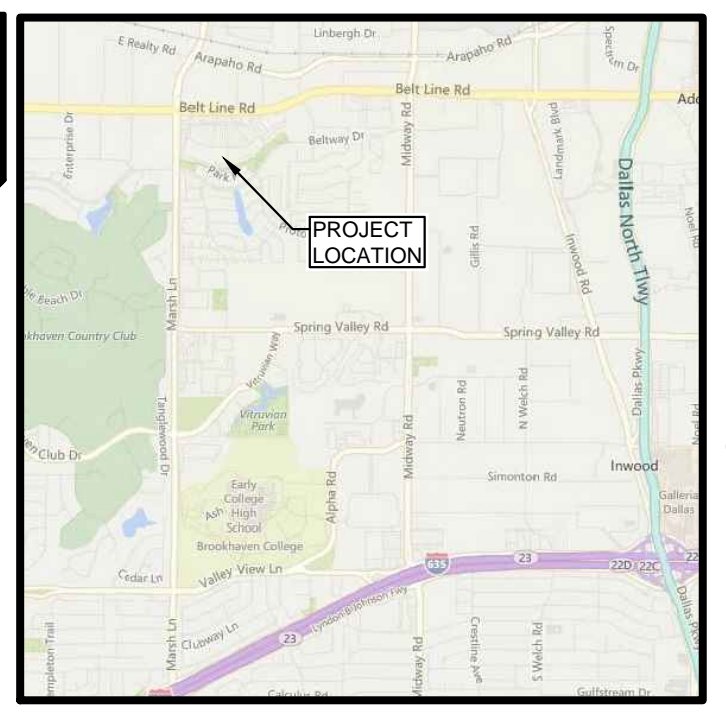


26873	4/22/16	ADS	JEE	JPS	JPS
CEI PROJECT NO.	INITIAL DATE	DPOR	PM	DES	DRW
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4800 Super Grove Blvd, Suite 316 Stafford, TX 77477			(281)494-0369 (281)494-0360		
KROGER SW870					
3770 BELTLINE RD					
ADDISON			TX		
OVERALL SITE PLAN				REV DATE 7/24/17 AS-BUILT	SHEET NO. C2



SITE BENCHMARK
 SITE BENCHMARK (TBM) IS A MAG NAIL WITH WASHER STAMPED "701 LAND SURVEYING" SET WITHIN A CONCRETE ISLAND TO THE 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 = 24709.09 Y = 702288.00 TEXAS COORDINATE SYSTEM OF 1983, NORTH CENTRAL ZONE) Z = 586.16 (NAVD83)

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



Vicinity Map
Not to Scale

LEGEND

EXISTING					
ACV	air conditioner	14	light pole	CS	utility clean out
BH	borehole	MB	mailbox	UC	utility cabinet
CATV	cable tv	MW	monitoring well	UV	utility vault
EM	electric meter	OU	overhead utility lines	UM	utility markings (line color = color of markings)
FH	fence or handrail	PE	pool equipment	US	utility sign
FD	fire dept. connection	PS	pool sign	UP	utility pole
FR	fire hydrant	RF	spot elevation	UR	utility pole with riser
GR	guard rail	SM	sanitary sewer manhole	US	utility sign
GT	grate trap	SS	sanitary sewer pipe	WV	water valve
IB	bollard	SW	storm water manhole	WV	water shut-off
GI	grate inlet	SW	storm water manhole	WV	water valve
GM	gas meter	SW	storm water pipe	WM	water manhole
GL	gas line	TM	telephone manhole	WM	water meter
GP	utility pole anchor	TF	tank fill lid	W	well
IR	irrigation valve	TR	telephone riser	WL	water line
LD	landscape or tree line	TS	traffic signal pole		

PROPOSED	
---	PROPERTY LINE/RIGHT OF WAY LINE
+	BUILDING CONTROL POINT

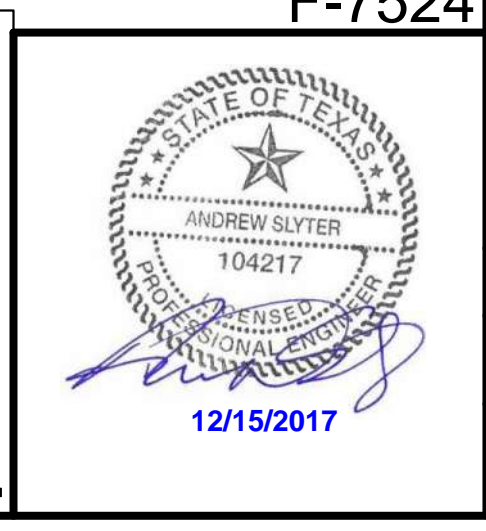
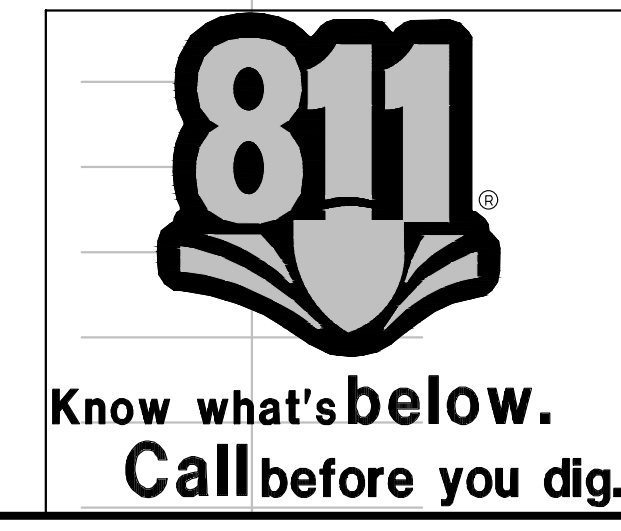
- GENERAL SITE NOTES**
- ALL DIMENSIONS SHOWN ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
 - ALL CURB RETURN RADII SHALL BE 2' OR 10', AS SHOWN TYPICAL ON THIS PLAN, UNLESS OTHERWISE NOTED.
 - UNLESS OTHERWISE SHOWN, CALLED OUT OR SPECIFIED HEREON OR WITHIN THE SPECIFICATIONS, PAVEMENT SHALL BE INSTALLED IN ACCORDANCE WITH DETAIL 08C, 08E, AND 70A OVER THE FUEL CENTER. ALL CURB AND GUTTER ADJACENT TO ASPHALT PAVING SHALL BE INSTALLED PER DETAIL 01A. ALL CURB AND GUTTER ADJACENT TO CONCRETE PAVING SHALL BE INSTALLED PER DETAIL 01B.
 - ALL PARKING LOT SIGN BASE SUPPORTS SHALL BE INSTALLED PER DETAIL 12F.
 - ALL ACCESSIBLE PARKING STALLS SHALL HAVE SIGNAGE INSTALLED PER DETAIL 09S.

- SITE NOTES**
- 08B OVERHEAD CANOPY PER ARCH PLANS.
 - 12D 4 INCH WIDE PAINTED YELLOW STRIPES, 2.0 FOOT O.C. @ 45 DEGREES (SEE SIZE INDICATED AT SYMBOL).
 - 20A REPLACE/RESTORE CURBS PER LOCAL CODES TO MATCH EXISTING.
 - 70A KIDSK BUILDING PER ARCH PLANS.
 - 70B CANOPY COLUMN PER ARCH PLANS.
 - 70C UNDERGROUND STORAGE TANKS PER ARCH. PLANS.
 - 70D 8" BOLLARDS PER ARCH PLANS.
 - 70E VENT RISERS PER ARCH PLANS.
 - 70F AIR/WATER UNITS TO BE PROVIDED BY KROGER.
 - 70G 42" U SHAPE BOLLARD PER ARCH PLANS.
 - 70H FUEL DISPENSER PER ARCH PLANS.
 - 70J ELECTRIC TRANSFORMER, PAD & BOLLARDS BY FUEL CENTER CONTRACTOR.
 - 70L KROGER LOGO & LETTERING PER ARCH PLAN.
 - 70Q CENTER OF CANOPY COLUMN.
 - 70R ACCESSIBLE CROSSING, 4" WIDE PAINTED WHITE STRIPS @ 45 DEGREE BY FUEL CENTER CONTRACTOR.
 - 70S EXISTING LIGHT POLE TO BE RELOCATED (REFER TO PLAN FOR LOCATION).
 - 70T RE-STRIPE PARKING STALLS TO MATCH EXISTING.
 - 70U RE-STRIPE ALL FIRE LANE STRIPING ON PAVEMENT WHERE APPLICABLE (PER CITY SPECIFICATIONS).

- SITE DETAILS**
- 01B TYPE B CONCRETE INTEGRAL CURB AND GUTTER
 - 02A PRECAST CONCRETE WHEEL STOP
 - 09S ACCESSIBLE / VAN ACCESSIBLE PARKING SIGN
 - 09U ACCESSIBLE PARKING SYMBOL (SEE PAINT COLOR INDICATED AT SYMBOL)
 - 70A AIR COMPRESSOR MOUNTING PAD

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

JOB # 28873 DRAWING: 28873-SP.dwg, LAST SAVED BY: MUSAHA, LOCATION: P:\2010\28873\Drawings\Design\As-Built\28873-SP.dwg



28873
 CEI PROJECT NO. 4/22/16
 ADS JEE JPS JPS
 INITIAL DATE DPOR PM DES DRW

F-7524

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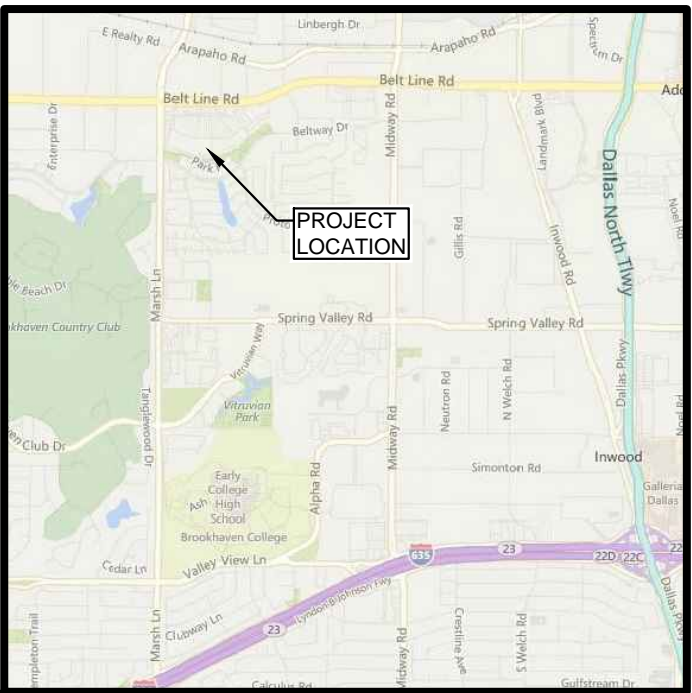
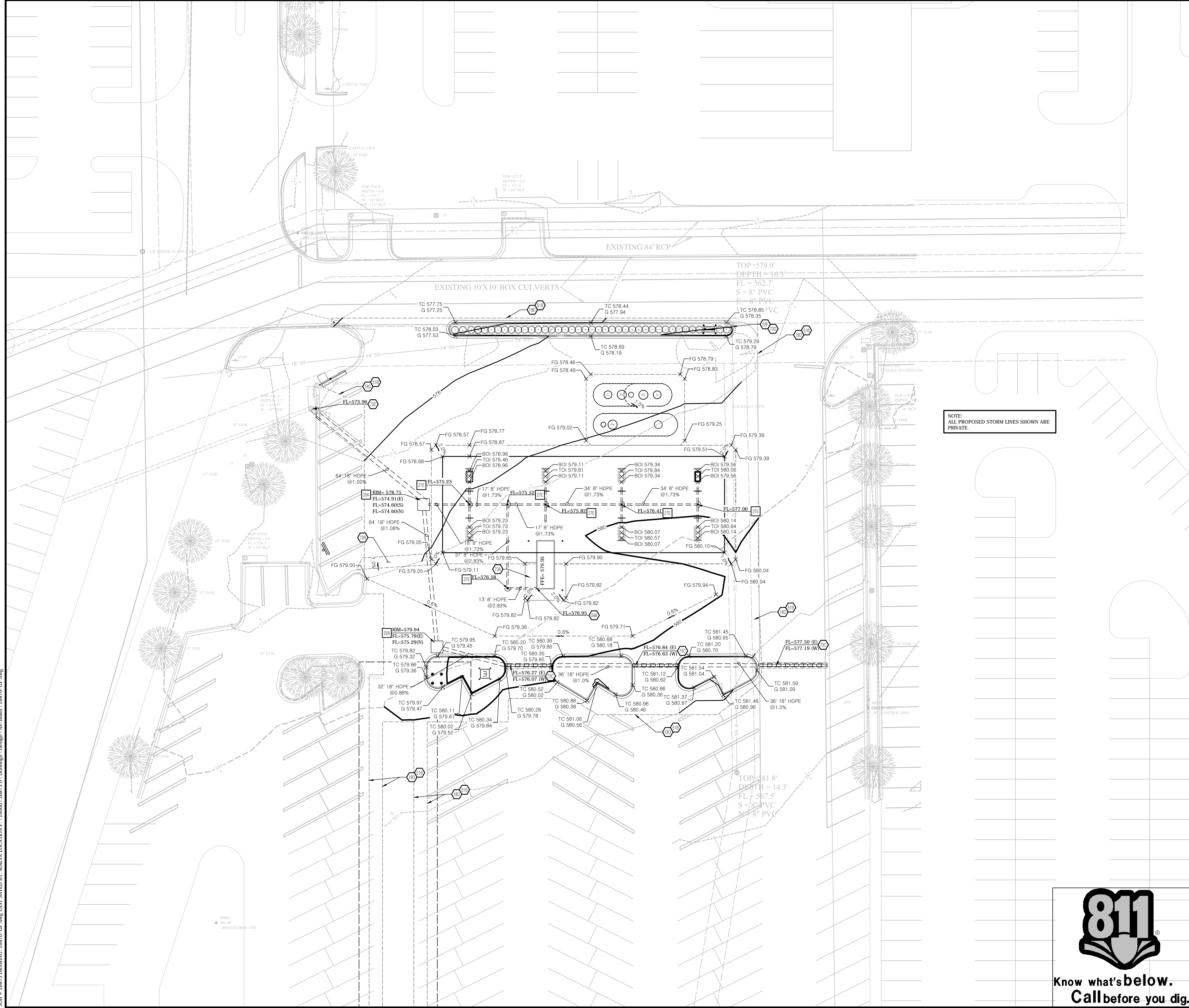
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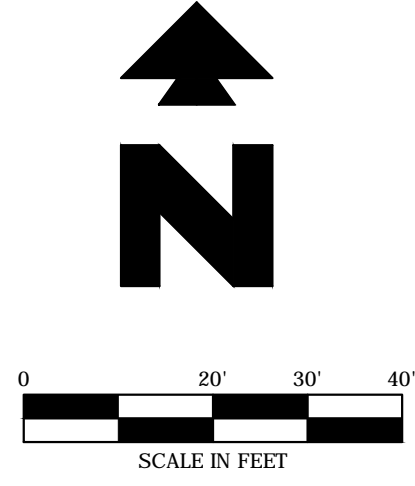
SITE PLAN

REV DATE SHEET NO.
 7/24/17 C3
 AS-BUILT

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Vicinity Map
Not to Scale



SITE BENCHMARK
 SITE BENCHMARK (TBM) IS A MAG NAIL WITH WASHER STAMPED "PT" LAND SURVEYING SET WITH A CONCRETE ISLAND TO THE NORTHEAST OF THE NORTHEAST CORNER OF THE BUILDING AT 3700 BELTLINE ROAD AND EAST OF A FIRE HYDRANT. THE TBM HAS THE FOLLOWING VALUES: X = 47928.09 | Y = 702888.02 TEXAS COORDINATE SYSTEM OF 1983 NORTH CENTRAL ZONE | Z = 586.16 (NAVD83)

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

LEGEND

EXISTING		
☐ air conditioner	☐ light pole	☐ utility clean out
☐ borehole	☐ mailbox	☐ utility cabinet
☐ cable tv	☐ monitoring well	☐ utility vault
☐ electric meter	— overhead utility lines	☐ utility markings (line color = color of markings)
☐ fence or handrail	☐ pool equipment	☐ utility pole
☐ fire dept. connection	☐ road sign	☐ utility pole with riser
☐ fire hydrant	☐ spot elevation	☐ utility sign
☐ guard rail	☐ sanitary sewer manhole	☐ water shutoff
☐ grease trap	☐ sanitary sewer pipe	☐ water valve
☐ bollard	☐ storm water manhole	☐ water manhole
☐ grate inlet	☐ storm water pipe	☐ water meter
☐ gas meter	☐ telephone manhole	☐ well
☐ gas line	☐ telephone riser	— water line
☐ utility pole anchor	☐ traffic signal pole	
☐ irrigation valve		
☐ landscape or tree line		

PROPOSED	
—	PROPERTY LINE/RIGHT OF WAY LINE
---	GRADE BREAK
---	CONTOUR ELEVATIONS
---	STORM DRAIN
x XX.XX	SPOT ELEVATIONS: FL = FLOW LINE FG = FINISH GRADE TOI = TOP OF ISLAND TC = TOP OF CURB

GENERAL GRADING NOTES

- PRIOR TO INSTALLATION OF STORM OR SANITARY SEWER, THE CONTRACTOR SHALL EXCAVATE, VERIFY, AND CALCULATE ALL CROSSINGS AND INFORM THE OWNER AND THE ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION. THE ENGINEER WILL BE HELD HARMLESS IN THE EVENT THE ENGINEER IS NOT NOTIFIED OF DESIGN CONFLICTS.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES.
- UNLESS OTHERWISE SHOWN, CALLED OUT OR SPECIFIED HEREON OR WITHIN THE SPECIFICATIONS, ALL STORM DRAIN PIPE BEDDING SHALL BE INSTALLED PER DETAIL 76A. ALL STORM DRAIN PIPES ARE MEASURED FROM CENTER OF STRUCTURES AND ENDS OF FLARED END SECTIONS.

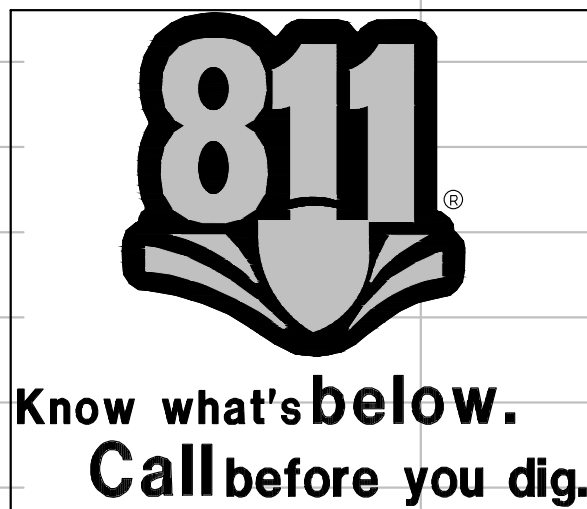
GRADING NOTES

- DOWN SPOUTS - (TYP. PER ARCH. PLANS).
- MATCH EXISTING PAVEMENT ELEVATIONS.
- ADJUST MANHOLE RM TO MATCH FINISH GRADE.
- LIMITS OF SAWCUT AND PAVEMENT REMOVAL.
- LEVEL CONCRETE LANDING AT DOOR. SLOPE SHALL BE LESS THAN 2% IN ALL DIRECTIONS.
- CONTRACTOR IS TO ENSURE THAT SLOPE IN THIS AREA WILL NOT EXCEED 2% CROSS SLOPE AND NOT MORE THAN 5% RUNNING SLOPE.
- HEAVY DUTY REINFORCED 18" VAVED TRENCH GRATE, WITH MINIMUM 24" BY 24" HEAVY DUTY TRENCH BOX PER NEENAH SPECIFICATIONS.
- FIELD VERIFY LOCATION OF MANHOLE VS. CURB. ADJUST CURB AS NECESSARY.
- CONNECT TO EXISTING STORM DRAIN PIPE. REFINISH INTERIOR GROUT FOR POSITIVE DRAINAGE THROUGH INLET AS NEEDED.

GRADING DETAILS

- JUNCTION BOX
- STORM DRAIN CLEAN OUT

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



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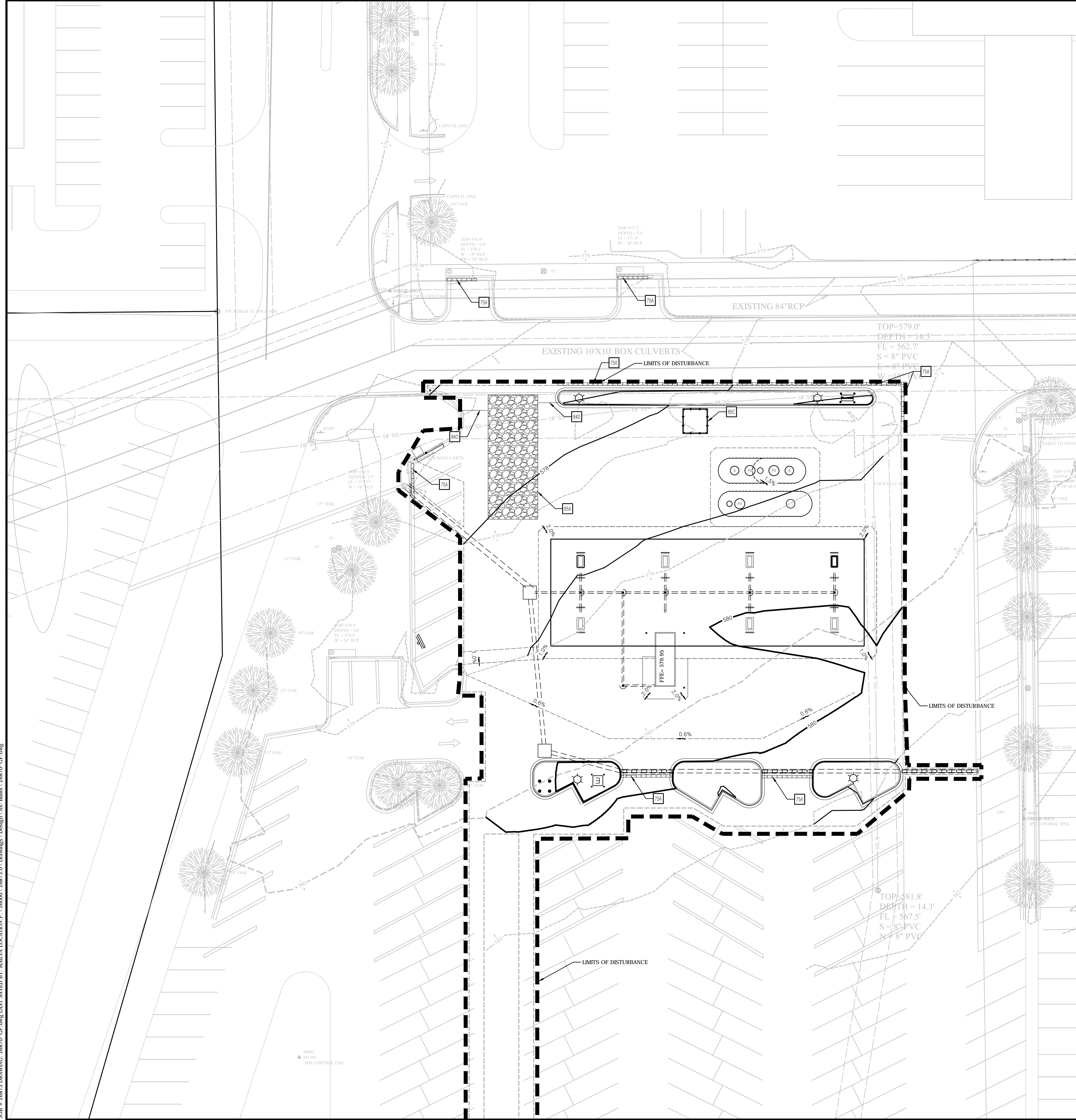
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GRADING PLAN REV DATE 7/24/17 SHEET NO. C4
 AS-BUILT

JOB # 26873 DRAWING: 26873-GR-17-01 LAST REVISED BY: MARIANA LOPEZ/CEI/26873-01 DRAWINGS: Design: A. Bullock, 2/6/17; C. Wang



SITE BENCHMARK
 SITE BENCHMARK (TBM) IS A MAG NAIL WITH WASHER STAMPED "PH
 LAND SURVEYING SET WITHIN A CONCRETE ISLAND NORTH 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 =
 247308.09 (Y = 702288.02, TEXAS COORDINATE SYSTEM OF 1983, NORTH
 CENTRAL ZONE); Z = 586.16 (NAVD83)

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



LIMITS OF DISTURBANCE

SQ FT	ACRES
41,091	0.94

GENERAL EROSION NOTES

- ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND THE STATE OF TEXAS NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT (NPDES PERMIT) AND BECOME FAMILIAR WITH THEIR CONTENTS.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AREA, EQUIPMENT CLEANING AREA, EMPLOYEE BREAK AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS AND TOILET FACILITIES. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNER'S CONSTRUCTION MANAGER.
- ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, ETC.) SHALL BE DISPOSED OF IN A MANNER THAT PREVENTS CONTACT BETWEEN THESE MATERIALS AND STORM WATER THAT IS DISCHARGED FROM THE SITE.
- MAINTAIN ON THE SITE OR HAVE READILY AVAILABLE SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLotation BOOMS TO CONTAIN AND CLEAN UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- DUST ON THE SITE SHALL BE CONTROLLED BY SPRAYING WATER ON DRY AREAS OF THE SITE. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- NO RUBBISH, TRASH, GARBAGE OR OTHER SUCH MATERIALS SHALL BE DISCHARGED INTO DRAINAGE DITCHES OR WATERS OF THE STATE.
- ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED AS SOON AS PRACTICABLE.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY WILL STOP FOR AT LEAST 21 DAYS, SHALL BE TEMPORARILY SEEDED WITHIN 14 DAYS.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE LANDSCAPING PLAN.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE. THE EXACT LOCATIONS SHALL BE COORDINATED WITH THE OWNER'S CONSTRUCTION MANAGER.
- ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AFTER THE STABILIZATION OF THE SITE AND ALSO ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS.
- IF SOIL STOCKPILING IS EMPLOYED ON THE SITE, SILT FENCES SHALL BE USED TO HELP CONTAIN THE SEDIMENT.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- SEDIMENT BASINS ARE ATTRACTIVE TO CHILDREN AND CAN BE VERY DANGEROUS. IN ALL CASES, LOCAL ORDINANCES AND REGULATIONS REGARDING HEALTH AND SAFETY MUST BE ADHERED TO.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISPOSED OF WITHIN 30 DAYS AFTER FINAL STABILIZATION. FINAL STABILIZATION HAS OCCURRED WHEN ALL SOIL DISTURBING ACTIVITIES ARE COMPLETED AND A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN EMPLOYED.
- DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE EROSION CONTROL MEASURES (SILT FENCES, STRAW BALES, ETC.) TO HELP PREVENT EROSION AND STORM WATER POLLUTION.
- ALL OFF-SITE CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR STORM DRAINS & UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

EROSION DETAILS

- 75A BIG RED
- 84D SILT DIKE ON EXISTING PAVEMENT
- 85A TEMPORARY STONE CONSTRUCTION ENTRANCE
- 85C TEMPORARY CONCRETE WASH OUT

LEGEND

EXISTING	
AC	Air conditioner
B	Borehole
CB	Cable tv
EM	Electric meter
F	Fence or handrail
FC	Fire dept. connection
FD	Fire hydrant
G	Guard rail
GT	Grease trap
B	Bollard
GI	Grate inlet
GM	Gas meter
GL	Gas line
U	Utility pole anchor
I	Irrigation valve
L	Landscape or tree line
LP	Light pole
M	Mailbox
MW	Monitoring well
EM	Overhead utility lines
PE	Pool equipment
R	Road sign
S	Silt fence
SP	Spot elevation
SS	Sanitary sewer manhole
SS	Sanitary sewer pipe
SW	Storm water manhole
SW	Storm water pipe
TM	Telephone manhole
TM	Telephone riser
TM	Tank fill lid
TM	Telephone riser
TS	Traffic signal pole
UC	Utility clean out
UC	Utility cabinet
UV	Utility vault
UM	Utility markings (line color = color of markings)
UP	Utility pole
UP	Utility pole with riser
US	Utility sign
US	Water shutoff
WV	Water valve
WM	Water manhole
WM	Water meter
W	Well
WL	Water line

PROPOSED

---	PROPERTY LINE/RIGHT OF WAY LINE
---	LIMITS OF DISTURBANCE
---	GRADE BREAK
---	CONTOUR ELEVATIONS
---	STORM DRAIN

GENERAL EROSION NOTES CONT'D

MAINTENANCE
 ALL MEASURES STATED ON THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE CHECKED BY A QUALIFIED PERSON AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A RAINFALL EVENT, AND SHOULD BE CLEANED AND REPAIRED IN ACCORDANCE WITH THE FOLLOWING:

- ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED AND RESEED AS NEEDED.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-THIRD TO ONE-HALF THE HEIGHT OF THE SILT FENCE.
- THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
- THE TEMPORARY PARKING AND STORAGE AREA SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND.
- IF THE STONES IN THE GRAVEL INLET SEDIMENT FILTERS BECOME CLOGGED WITH SEDIMENT, THE STONES MUST BE PULLED AWAY, CLEANED AND REPLACED. (JOB SPECIFIC)

SEQUENCE OF CONSTRUCTION

- INSTALL STABILIZED CONSTRUCTION ENTRANCES.
- PREPARE TEMPORARY PARKING AND STORAGE AREA.
- CONSTRUCT THE SILT FENCES ON THE SITE.
- CLEAR AND GRUB THE SITE.
- BEGIN GRADING THE SITE.
- START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.
- TEMPORARILY SEED DENUDED AREAS.
- INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, CURBS AND GUTTERS.
- INSTALL INLET PROTECTION DEVICES.
- INSTALL RIP RAP AROUND OUTLET STRUCTURES.
- PREPARE SITE FOR PAVING.
- PAVE SITE.
- COMPLETE GRADING AND INSTALL PERMANENT SEEDING AND PLANTING.
- REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (ONLY IF SITE IS STABILIZED).

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

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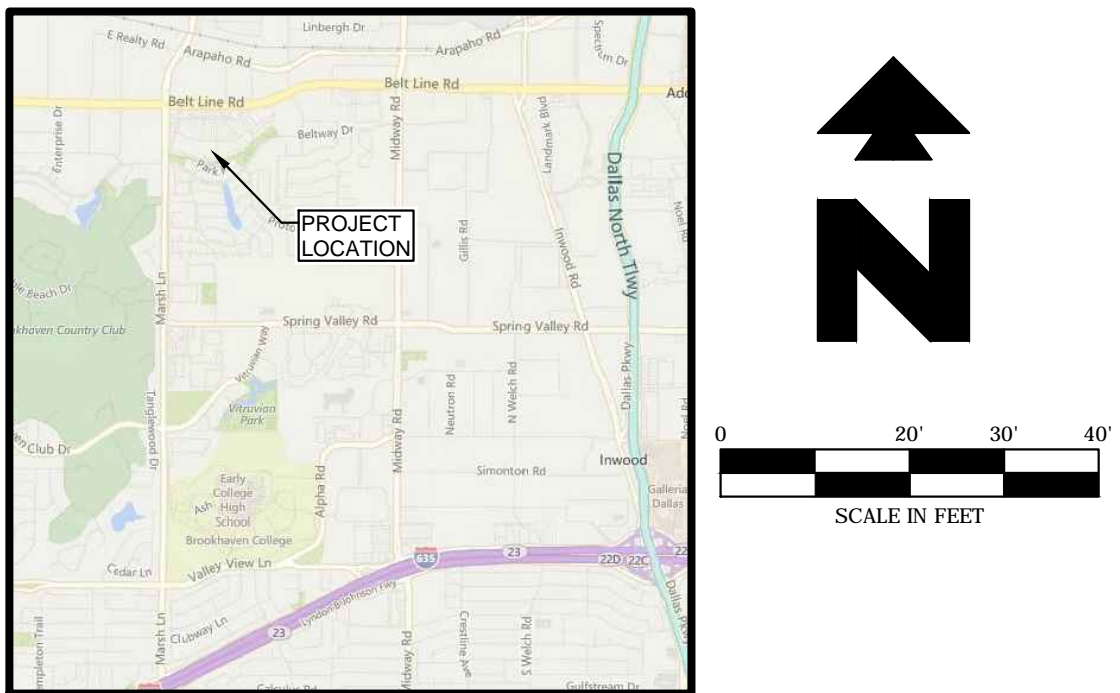
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EROSION CONTROL PLAN REV DATE 7/24/17 SHEET NO. C5
 AS-BUILT

12/15/2017

SITE BENCHMARK
 SITE BENCHMARK (TM1) IS A MAG NAIL WITH WASHER STAMPED "TPI LAND SURVEYING" SET WITH A CONCRETE ISLAND 7% 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 = 227958.091 Y = 702588.02 (TEXAS COORDINATE SYSTEM OF 1983, NORTH CENTRAL ZONE) (Z = 56.16 (NAVD83))

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



Vicinity Map
LEGEND Not to Scale

- 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 RPP BPA (AIR/WATER STATION)

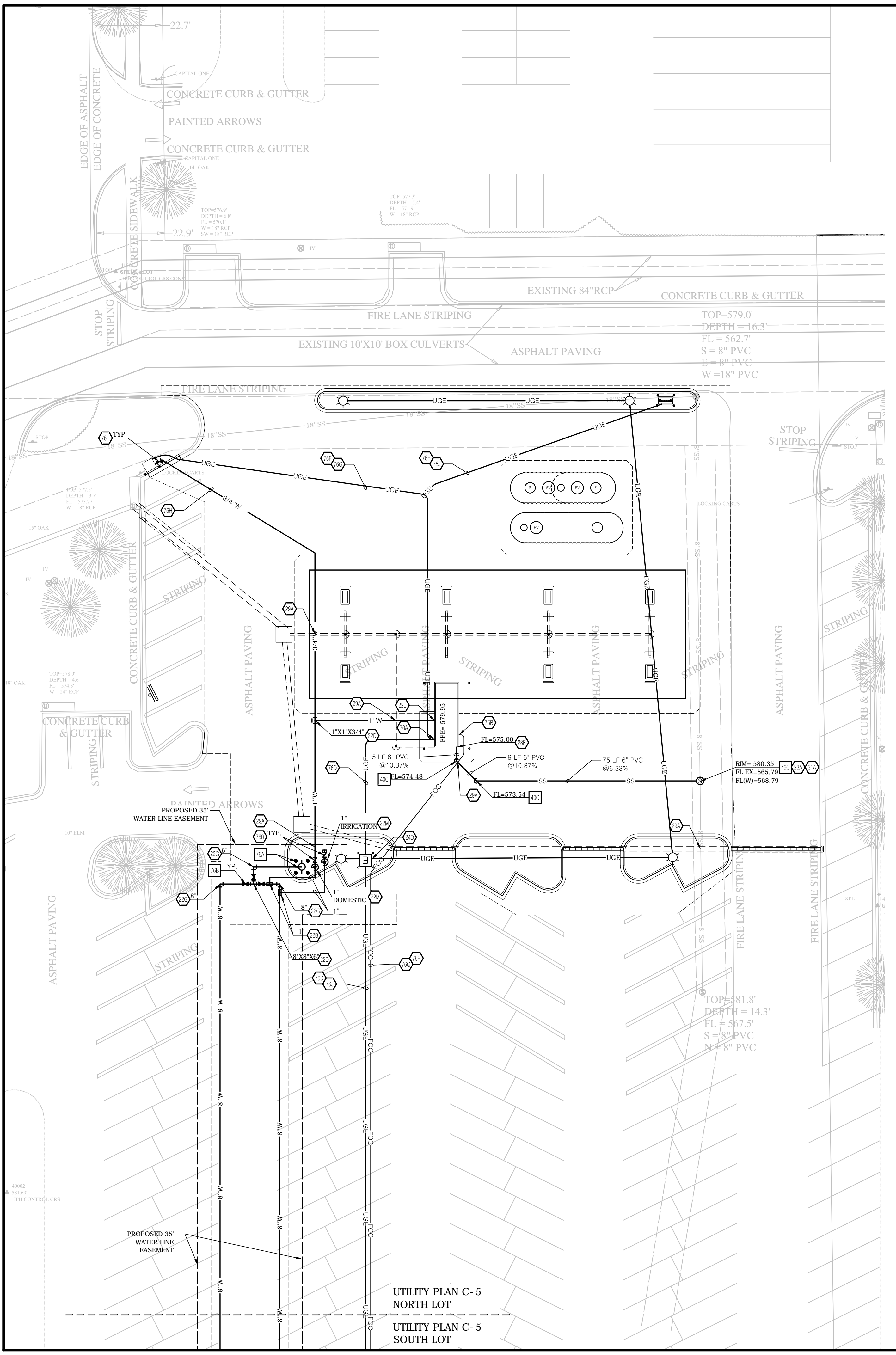
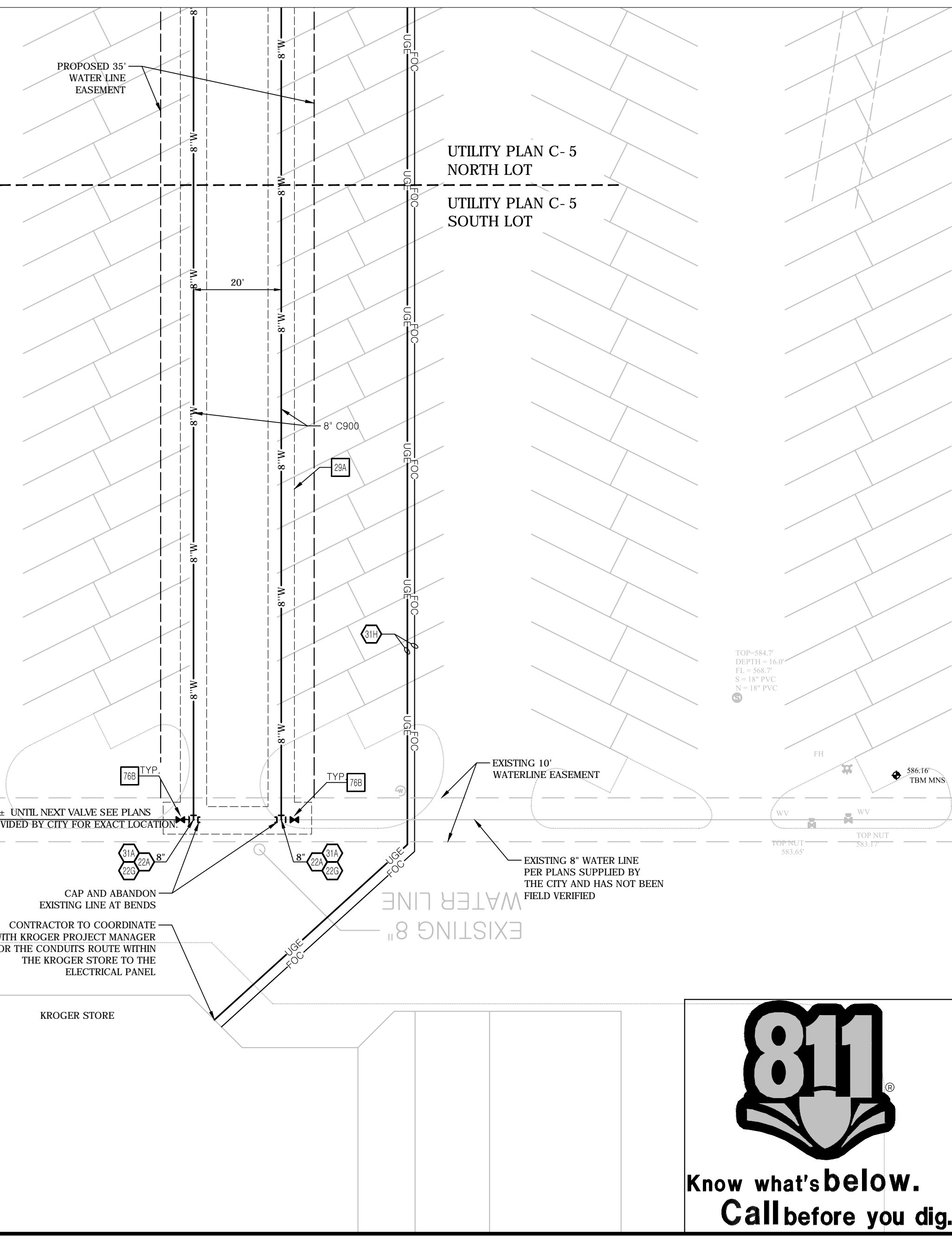
- EXISTING**
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 - light pole
 - mail box
 - monitoring well
 - overhead utility lines
 - pool equipment
 - road sign
 - silt fence
 - spot elevation
 - sanitary sewer manhole
 - sanitary sewer pipe
 - storm water manhole
 - storm water pipe
 - telephone manhole
 - tank fill lid
 - telephone riser
 - traffic signal pole
 - utility clean out
 - utility cabinet
 - utility vault
 - utility markings (line color = color of markings)
 - utility pole
 - utility pole with riser
 - utility sign
 - water shutoff
 - water valve
 - water manhole
 - 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 90" 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 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 BONDING 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.
 - 76C PROVIDE AND INSTALL (1) 3/4" CONDUITS FROM KIOSK TO AIR/WATER UNIT.
 - 76H 3/4" WATER LINE TO AIR/WATER UNIT.
 - 76J 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



UTILITY PLAN C-5
 NORTH LOT
 UTILITY PLAN C-5
 SOUTH LOT

811
 Know what's below.
 Call before you dig.



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

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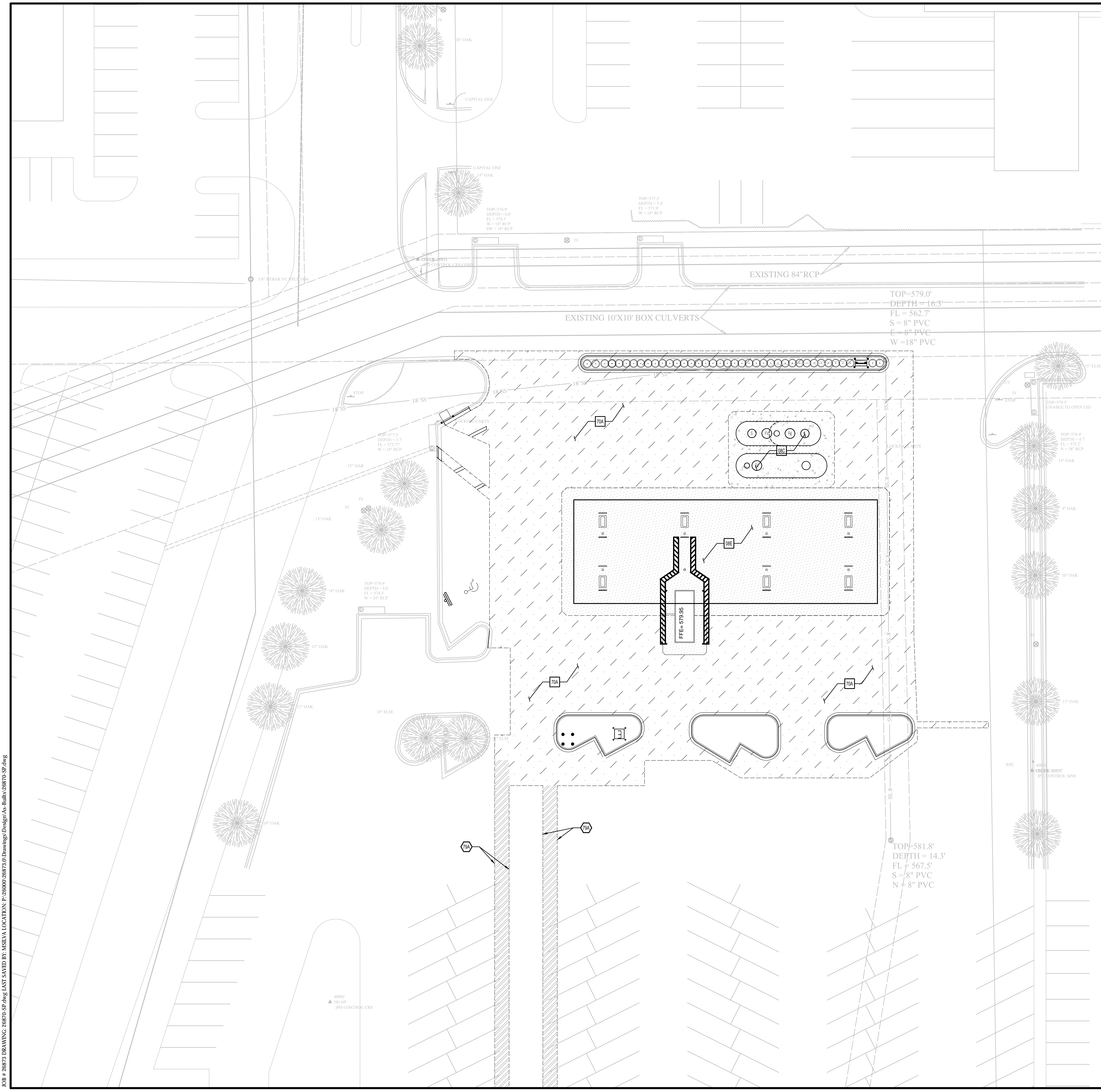
KROGER SW870
 3770 BELTLINE RD TX
 ADDISON TX

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

12/15/2017

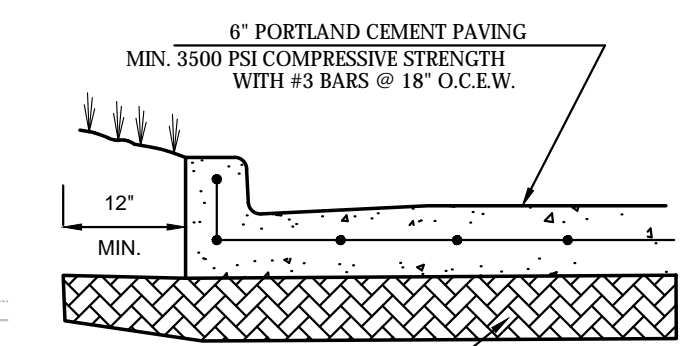
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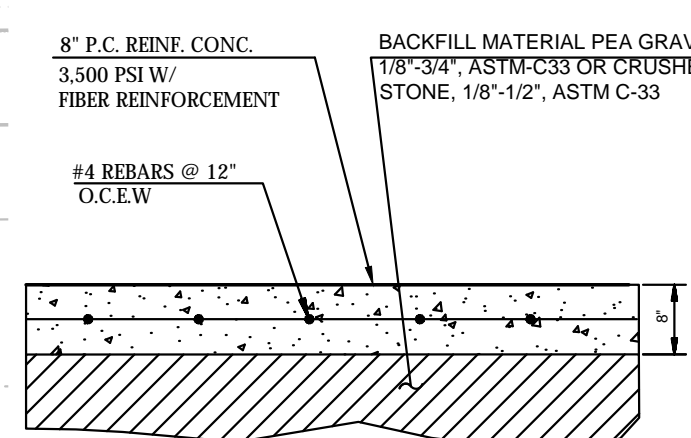


SITE BENCHMARK
 SITE BENCHMARK (TBM) IS A MAG NAIL WITH WASHER STAMPED TPI
 LAND BENCHMARK SET WITHIN A CONCRETE ISLAND TO THE NORTHEAST OF
 THE NORTHEAST CORNER OF THE BUILDING AT 3700 BELT LINE ROAD AND
 EAST OF A FIRE HYDRANT. THE TBM HAS THE FOLLOWING VALUES: X =
 277938.00 (Y = 302888.02) (TEXAS COORDINATE SYSTEM OF 1983, NORTH
 CENTRAL ZONE) Z = 56.16 (NAVD83)

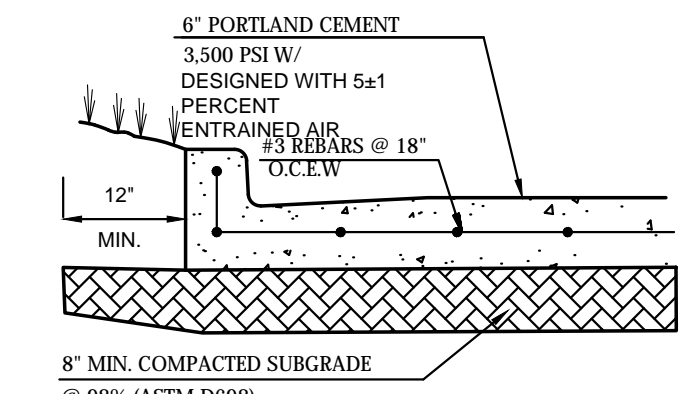
NOTE:
 SEE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF
 PORCHES, RAMPS, VESTIBULE, SLOPED PAVING, TRUCK DOCKS, BUILDING,
 UTILITY ENTRANCE LOCATIONS AND PRECISE BUILDING DIMENSIONS.



CANOPY SLAB CONCRETE PAVING
 NTS



TANK CONCRETE SLAB
 NTS



STANDARD DUTY CONCRETE PAVING
 SCALE



Vicinity Map
 Not to Scale
LEGEND

- EXISTING**
- air conditioner
 - borehole
 - cable tv
 - electric meter
 - fence or handrail
 - fire dept. connection
 - fire hydrant
 - guard rail
 - grease trap
 - hollard
 - grate inlet
 - gas meter
 - gas line
 - utility pole anchor
 - irrigation valve
 - landscape or tree line
 - light pole
 - mailbox
 - monitoring well
 - overhead utility lines
 - pool equipment
 - road sign
 - silt fence
 - spot elevation
 - sanitary sewer manhole
 - sanitary sewer pipe
 - storm water manhole
 - storm water pipe
 - telephone manhole
 - tank fill lid
 - telephone riser
 - traffic signal pole
 - utility clean out
 - utility cabinet
 - utility vault
 - utility markings (line color = color of markings)
 - utility pole
 - utility pole with riser
 - utility sign
 - water shutoff
 - water valve
 - water manhole
 - water meter
 - well
 - water line

PROPOSED

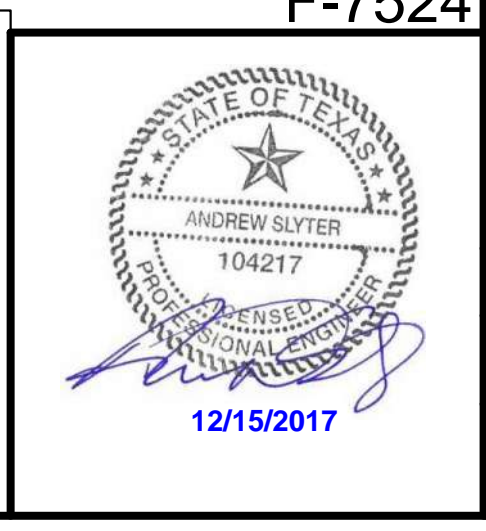
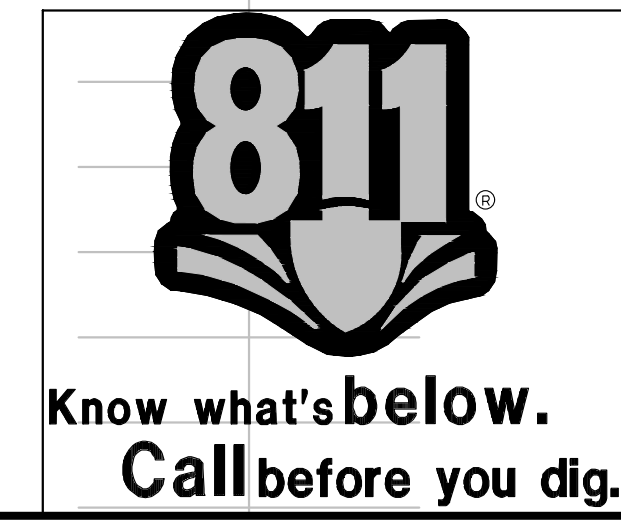
PROPERTY LINE/RIGHT OF WAY LINE

- GENERAL PAVING NOTES**
- A. THE PAVING CONSTRUCTION SHALL COORDINATE WITH THE UTILITY & IRRIGATION CONTRACTORS TO INSURE THAT ALL SLEEVING HAS BEEN INSTALLED PRIOR TO PLACEMENT OF PERMANENT PAVEMENT.
 - B. ALL PAVING AND EARTHWORK OPERATIONS SHALL CONFIRM TO THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND MEET KROGER CONSTRUCTION STANDARDS
 - C. REFER TO GEOTECHNICAL REPORT FOR SUBGRADE PREPARATION, SPECIFICATION, AND CONSTRUCTION JOINT RECOMMENDATIONS PREPARED BY ALPHA TESTING, REPORT G151514, DATED AUGUST 24 2015
 - D. REPLACE FIRE LANE STRIPING IN ALL APPLICABLE AREAS PER TOWN OF ADDISON DETAIL

- PAVING NOTES**
- 79A PAVEMENT REPAIR (PER CITY DETAIL)
- PAVING DETAILS**
- 08C TANK CONCRETE PAVING
 - 08E CANOPY CONCRETE PAVING
 - 70A STANDARD DUTY CONCRETE PAVING

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

JOB # 26873 DRAWING: 26873-SP.dwg, LAST SAVED BY: USER: A. LOCATION: P:\26800\26873-0 Drawings\Design\26873-SP.dwg



26873
 CEI PROJECT NO. INITIAL DATE DPOR PM DES DRW

7/24/17
 ADS JEE JPS JPS

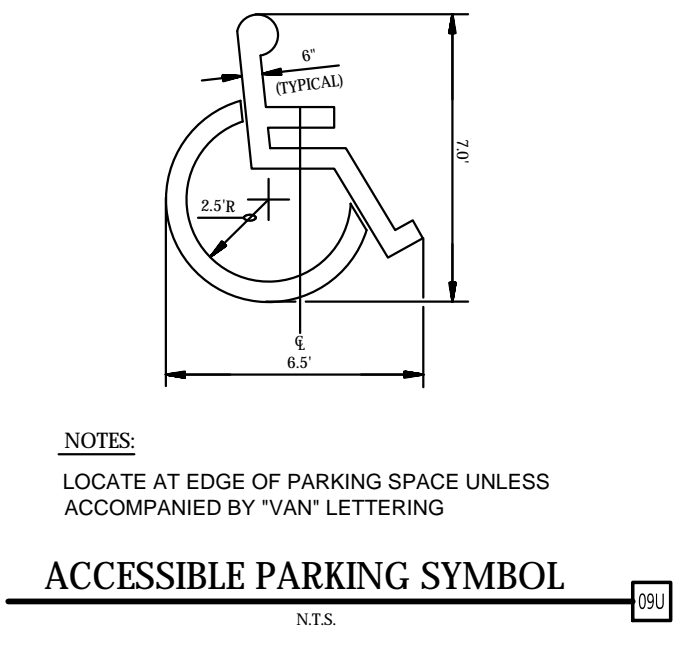
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 Stafford, TX 77477 (281)484-0300

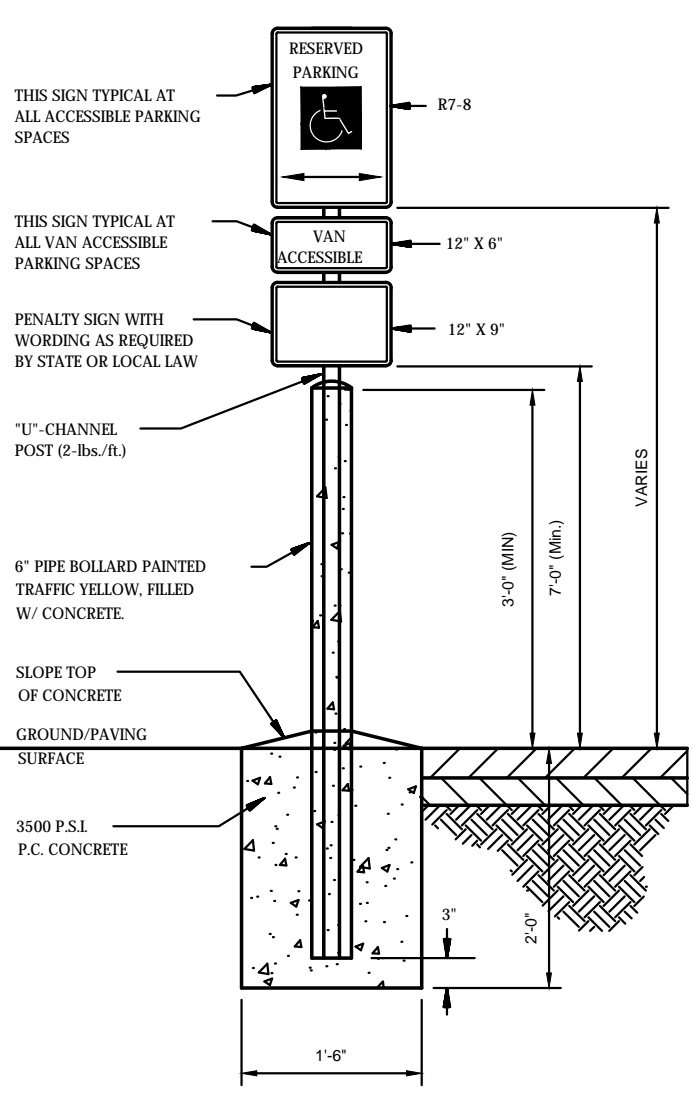
KROGER SW870
 3770 BELTLINE RD TX
 ADDISON TX

PAVING PLAN REV DATE 7/24/17 SHEET NO. C7
 AS-BUILT

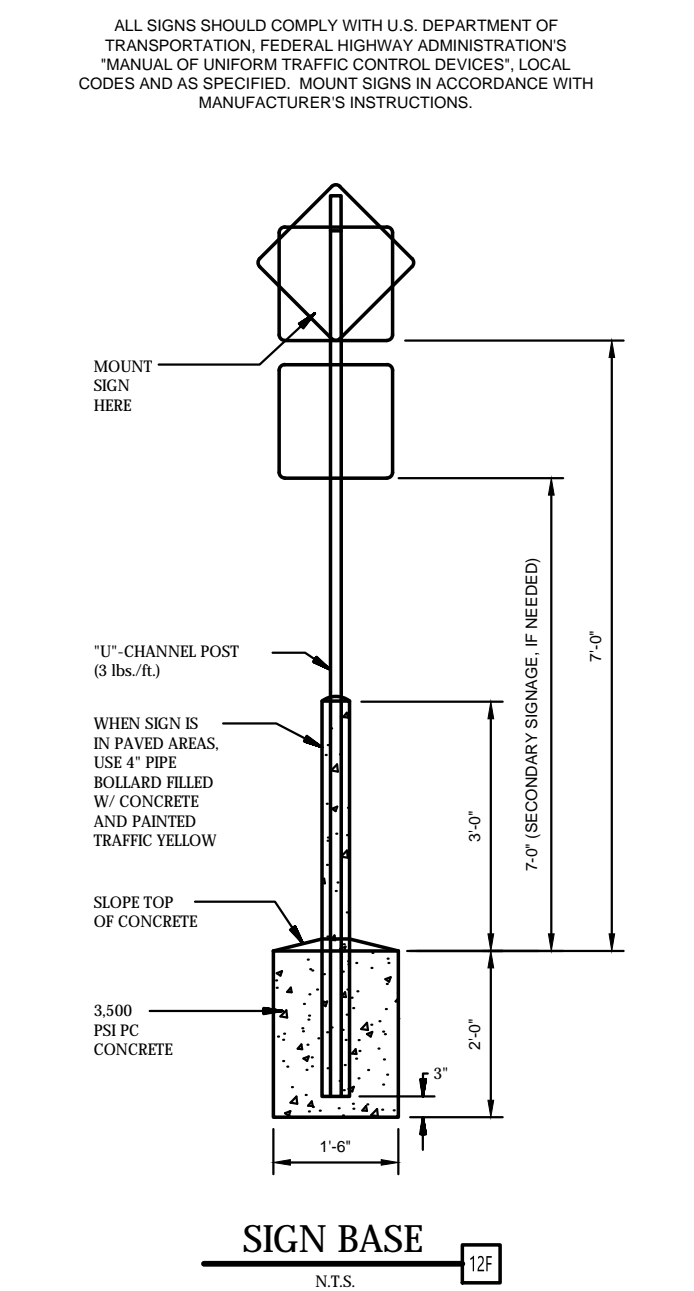
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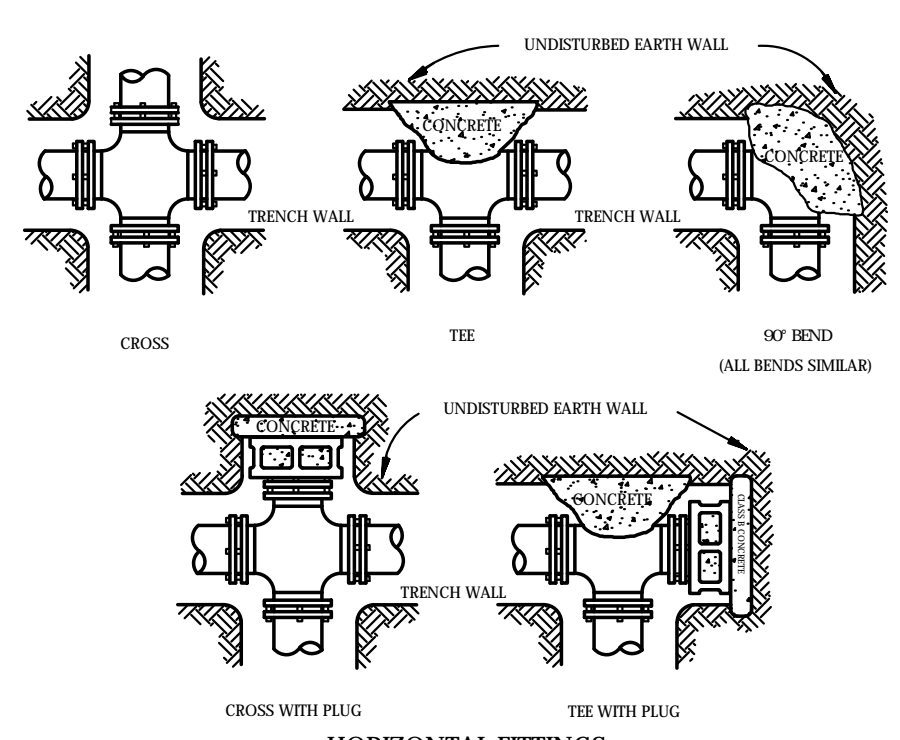
NOTES:
LOCATE AT EDGE OF PARKING SPACE UNLESS ACCOMPANIED BY "VAN" LETTERING
ACCESSIBLE PARKING SYMBOL
N.T.S.



ACCESSIBLE / VAN ACCESSIBLE PARKING SIGN
N.T.S.



SIGN BASE
N.T.S.

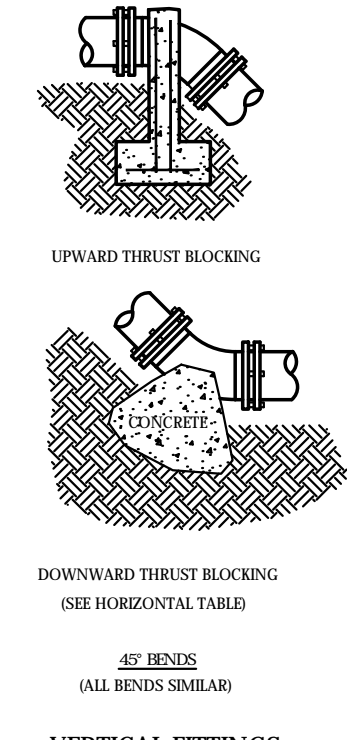


HORIZONTAL FITTINGS
VERTICAL FITTINGS

HORIZONTAL THRUST BLOCKING TABLE					MINIMUM CONCRETE VOLUMES FOR UPWARD THRUST BLOCKING											
PIPE SIZE	REQUIRED SQ. FT. OF UNDISTURBED EARTH WALL FOR REACTION BACKING				11.25 DEGREE BEND ANCHOR STRAPS			22.5 DEGREE BEND ANCHOR STRAPS			45 DEGREE BEND ANCHOR STRAPS			90 DEGREE BEND ANCHOR STRAPS		
	TIE	TIE	TIE	TIE	NO.	SIZE	CONCRETE VOLUME	NO.	SIZE	CONCRETE VOLUME	NO.	SIZE	CONCRETE VOLUME	NO.	SIZE	CONCRETE VOLUME
2"	1	1	1	1	1	44	0.04	1	44	0.08	1	44	0.16	1	44	0.32
3"	1	1	1	1	1	44	0.09	1	44	0.18	1	44	0.36	1	44	0.72
4"	1	1	1	1	1	44	0.16	1	44	0.32	1	44	0.64	1	44	1.28
6"	1	1	1	1	1	100	0.37	1	44	0.74	1	44	1.48	1	44	2.97
8"	1.5	2	1	1	1	120	0.66	1	44	1.32	1	44	2.64	1	44	5.28
10"	2.5	3.5	1.8	1	1	140	1.03	1	44	2.06	2	44	4.12	2	44	8.24
12"	4	5.5	2.8	1.5	1	160	1.48	2	44	2.96	2	44	5.92	2	44	11.84
14"	6	8	4	2	1.5	180	2.01	2	44	4.02	2	44	8.04	2	44	16.08
16"	8	11	5.5	3	2	200	2.63	2	44	5.26	2	44	10.52	2	44	21.04
18"	10	14.2	7.5	4	3	220	3.33	2	44	6.66	2	44	13.32	2	44	26.64
20"	12	16	9	5	4	240	4.07	2	44	8.14	2	44	16.28	2	44	32.56
24"	18	24	14	7	5	280	5.60	2	44	11.20	2	44	22.40	2	44	44.80
30"	24	32	20	10	7	320	8.00	2	44	16.00	2	44	32.00	2	44	64.00
36"	30	40	25	12	12	360	12.00	2	44	24.00	2	44	48.00	2	44	96.00

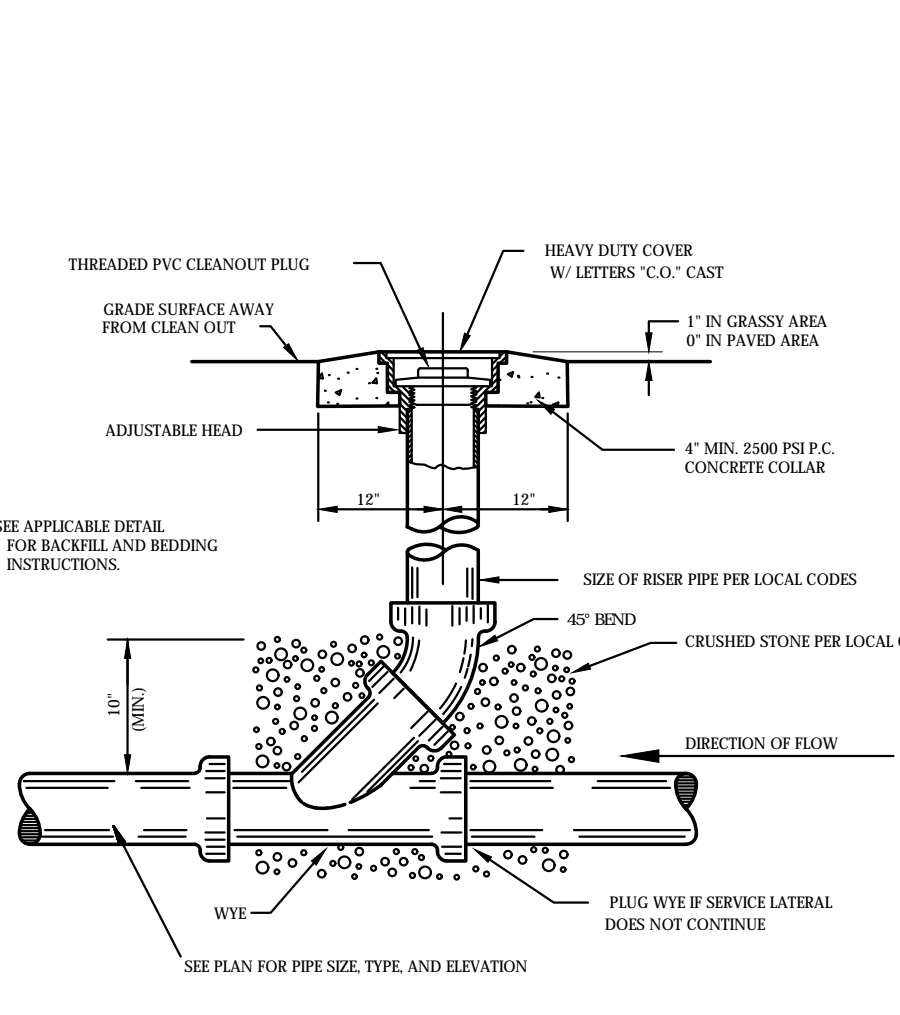
NOTES:
1. DO NOT COVER BELLS OR FLANGES WITH CONCRETE
2. WAP ALL FITTINGS WITH VESICONS
3. BACK ALL TIES ACCORDING TO SIZE OF BRANCH
4. BACKING FITTING LINE EXTENSIONS SHALL BE SUCH THAT LATER REMOVAL IS POSSIBLE
5. ALL BENDS WHERE FITTINGS ARE USED, BOTH HORIZONTAL OR VERTICAL SHALL BE BACKED
6. REACTION BACKING TABLE IS BASED ON 100 P.S.I. AND SOIL BEARING PRESSURE OF 2,500 P.S.I. ADDITIONAL BACKING MAY BE REQUIRED IN SOME AREAS AS DIRECTED BY ENGINEERS
7. ALL CONCRETE SHALL BE 3000 P.S.I.

THRUST BLOCKING
N.T.S.

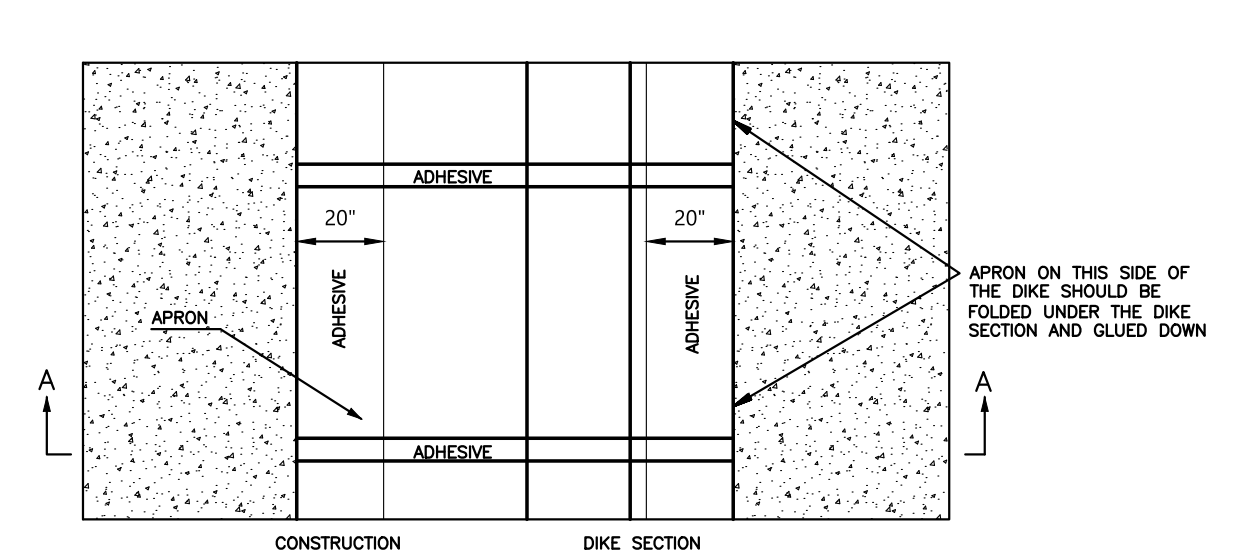


UPWARD THRUST BLOCKING
DOWNWARD THRUST BLOCKING

NOTES:
1. CONCRETE COLLAR SHALL BE 4' IN DIAMETER AND 12' IN LENGTH
2. HEAVY DUTY COVER SHALL BE 12' IN DIAMETER AND 12' IN LENGTH
3. CONCRETE COLLAR SHALL BE 4' IN DIAMETER AND 12' IN LENGTH
4. HEAVY DUTY COVER SHALL BE 12' IN DIAMETER AND 12' IN LENGTH

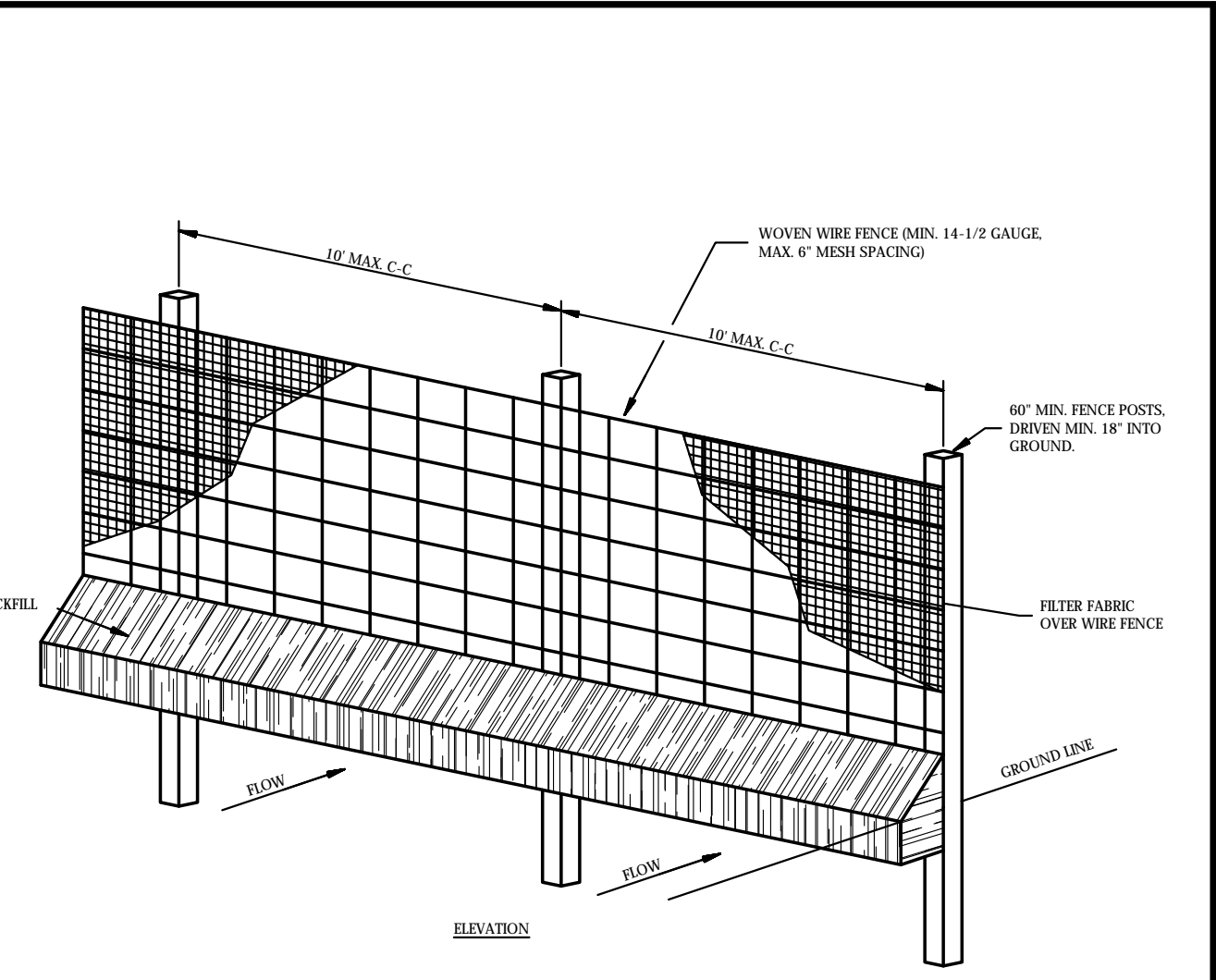


SANITARY SEWER CLEAN-OUT
N.T.S.

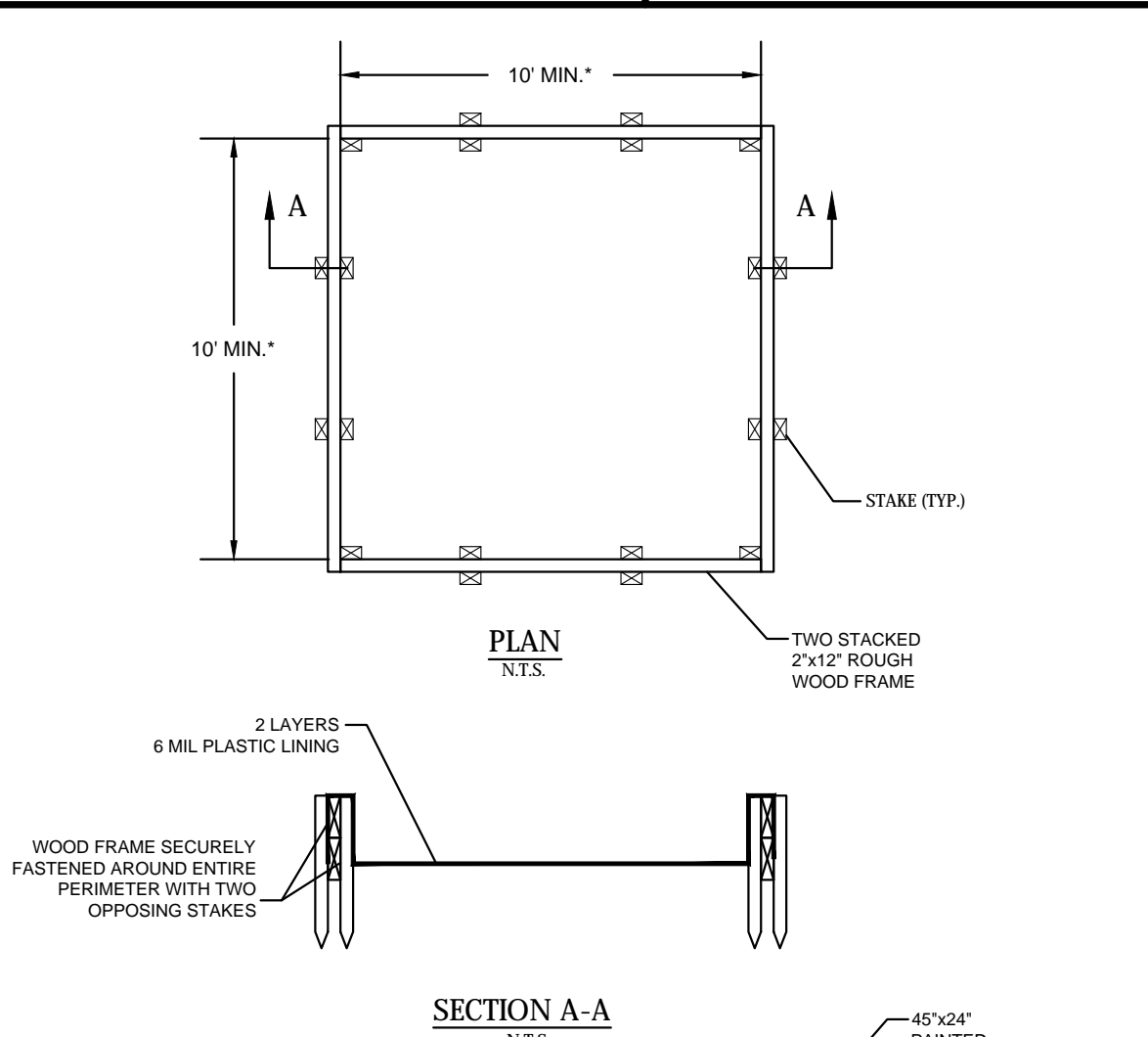


ADHESIVES:
CONCRETE PAVEMENT USE LIQUID NAIL OR APPROVED EQUAL
ASPHALT PAVEMENT USE ENHANCED ASPHALT
APRON ON THIS SIDE OF THE DIKE SHOULD BE FOLDED UNDER THE DIKE SECTION AND GLUED DOWN

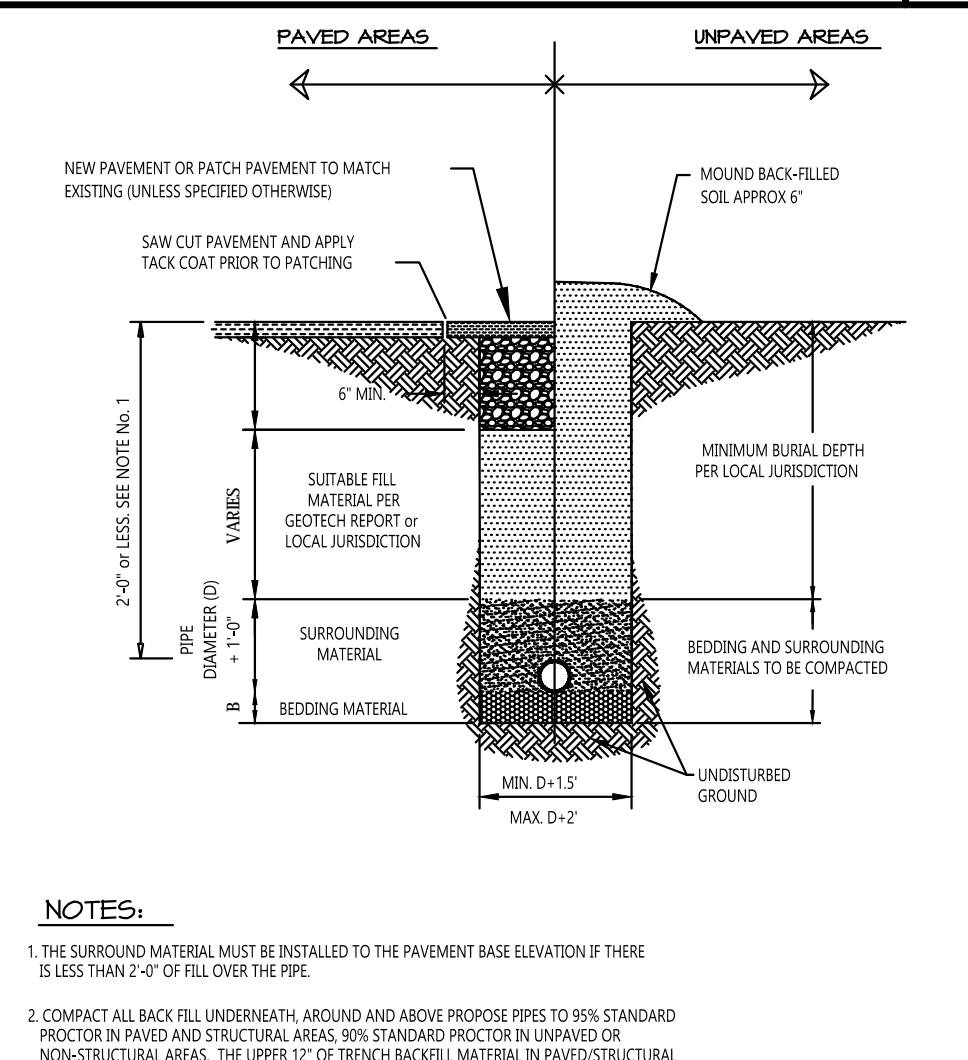
SILT DIKE (ON EXISTING PAVEMENT)
N.T.S.



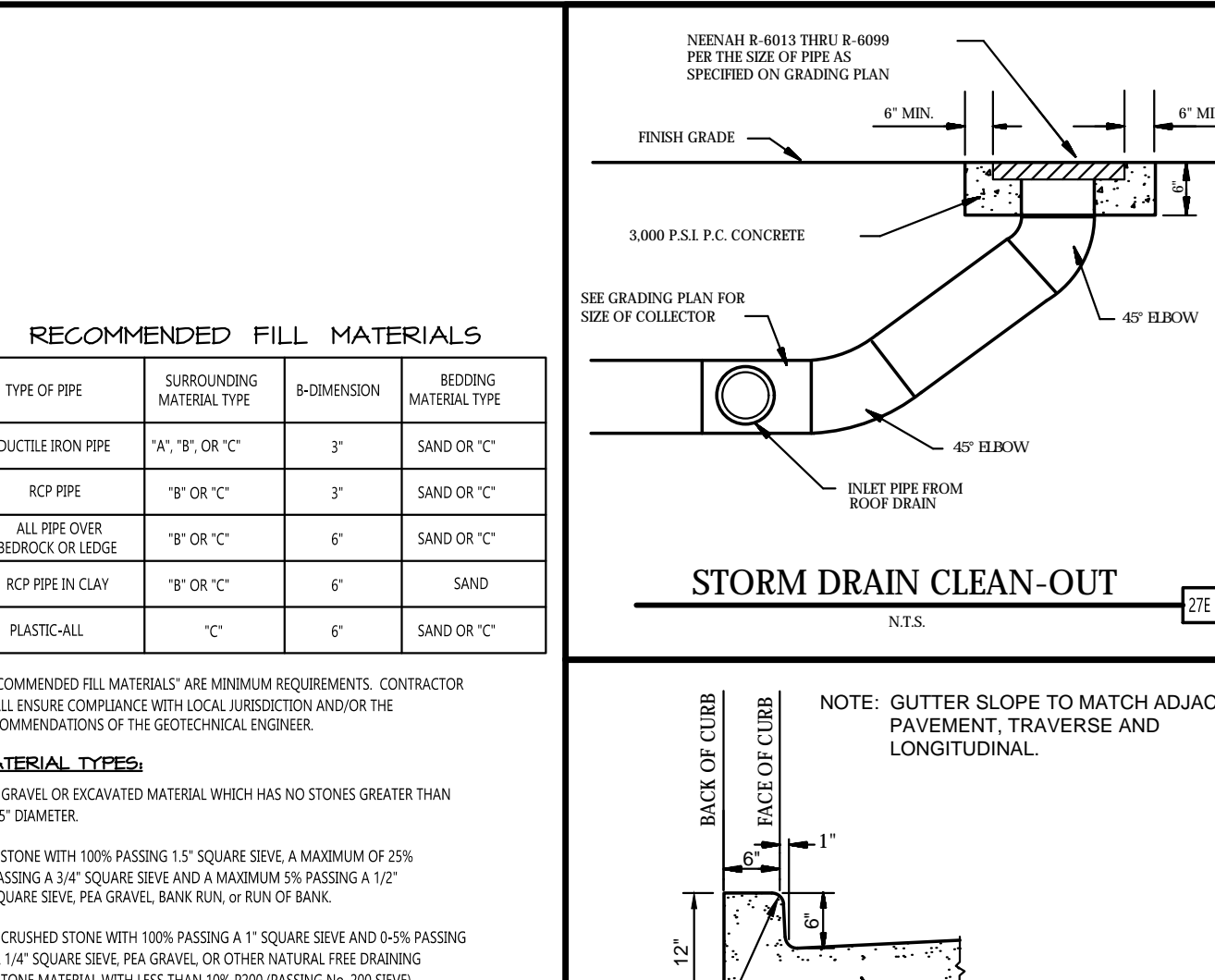
TEMPORARY SILT FENCE
N.T.S.



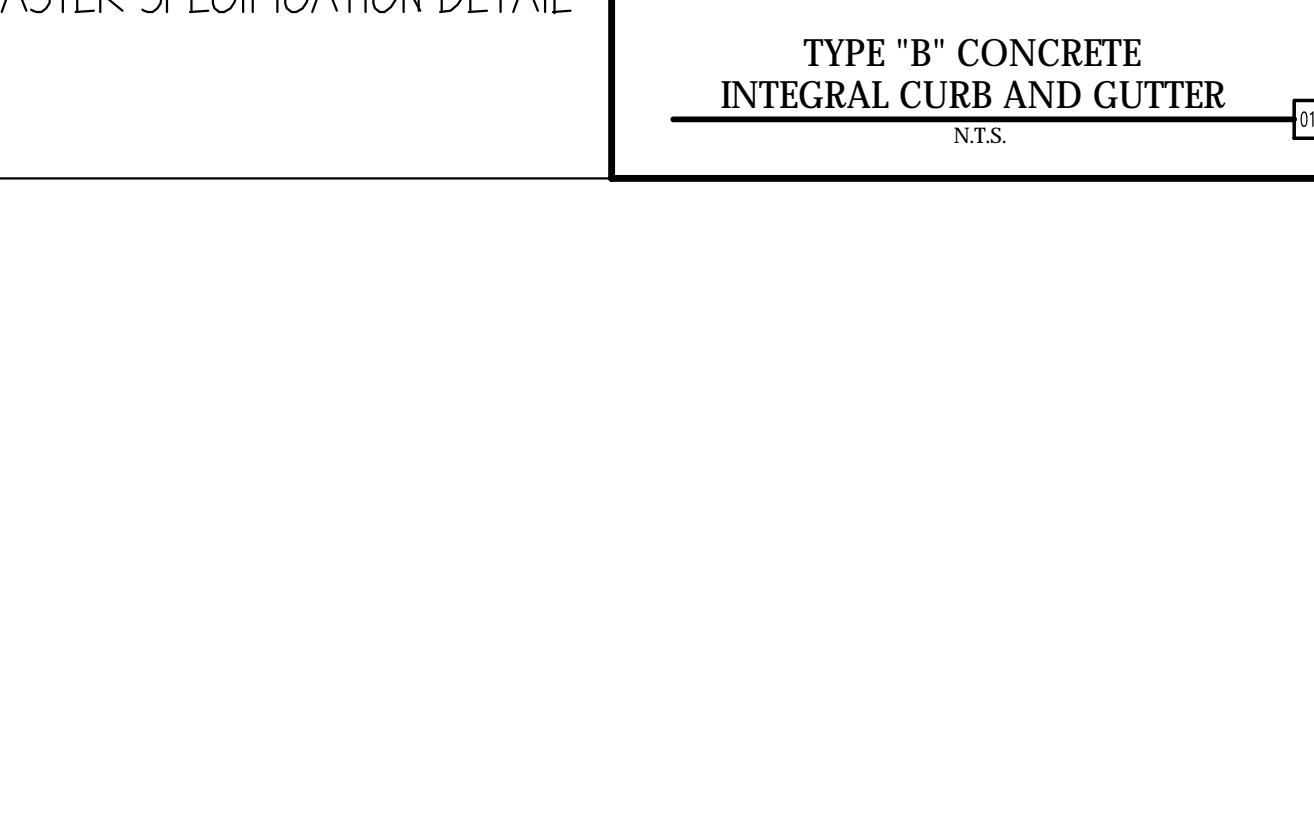
TEMPORARY CONCRETE WASHOUT (ABOVE GRADE)
N.T.S.



TRENCH DETAIL MASTER SPECIFICATION DETAIL
N.T.S.



STORM DRAIN CLEAN-OUT
N.T.S.



TYPE "B" CONCRETE INTEGRAL CURB AND GUTTER
N.T.S.

JOB # 208752 DRAWING# 208752-01 SHEET# 1 OF 10 PROJECT# 208752-01 DRAWINGS DESIGNER: SULLIVAN, BULLOCK & CO. ENGINEERS, INC. DATE: 7/24/17

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



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

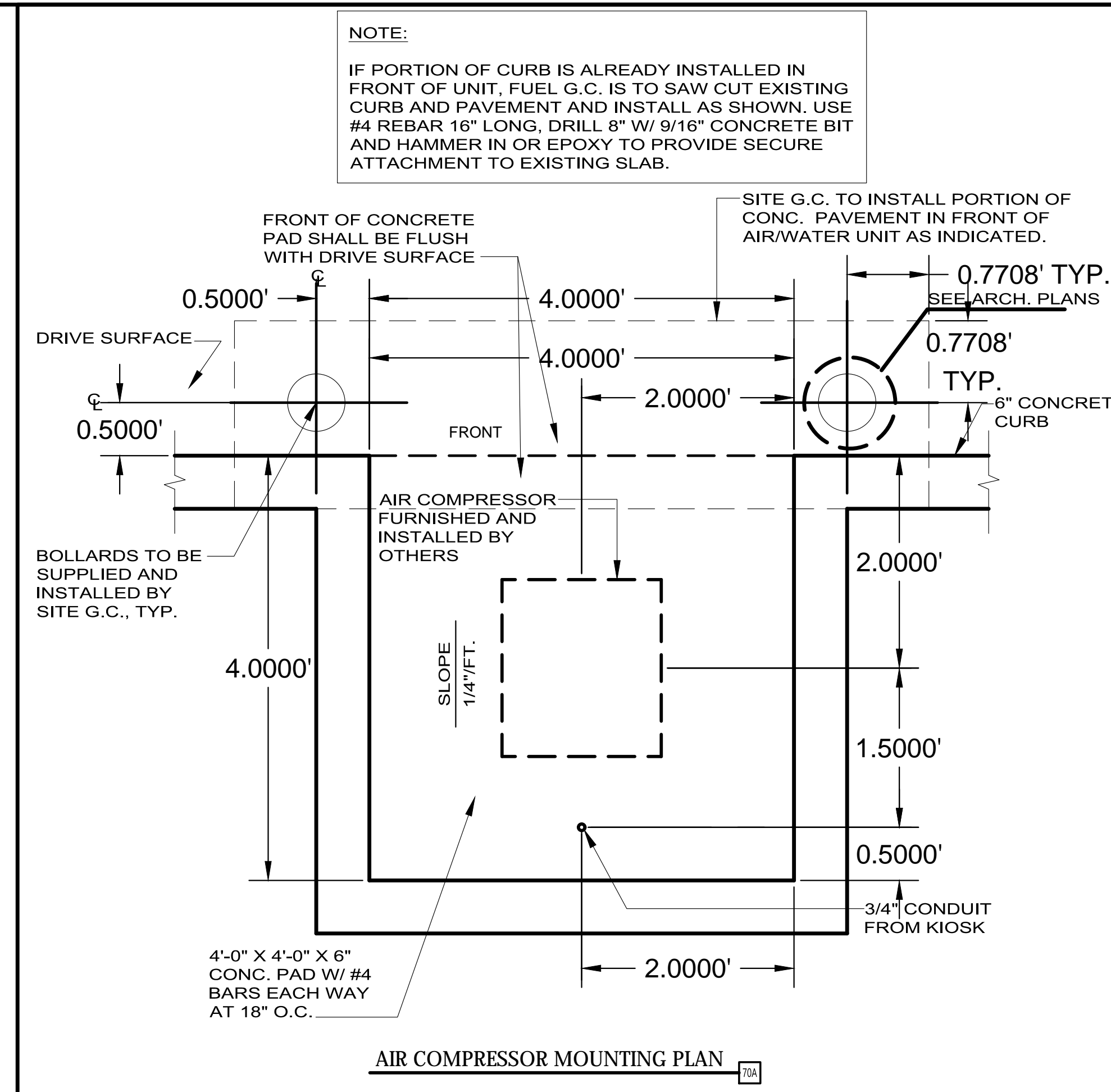
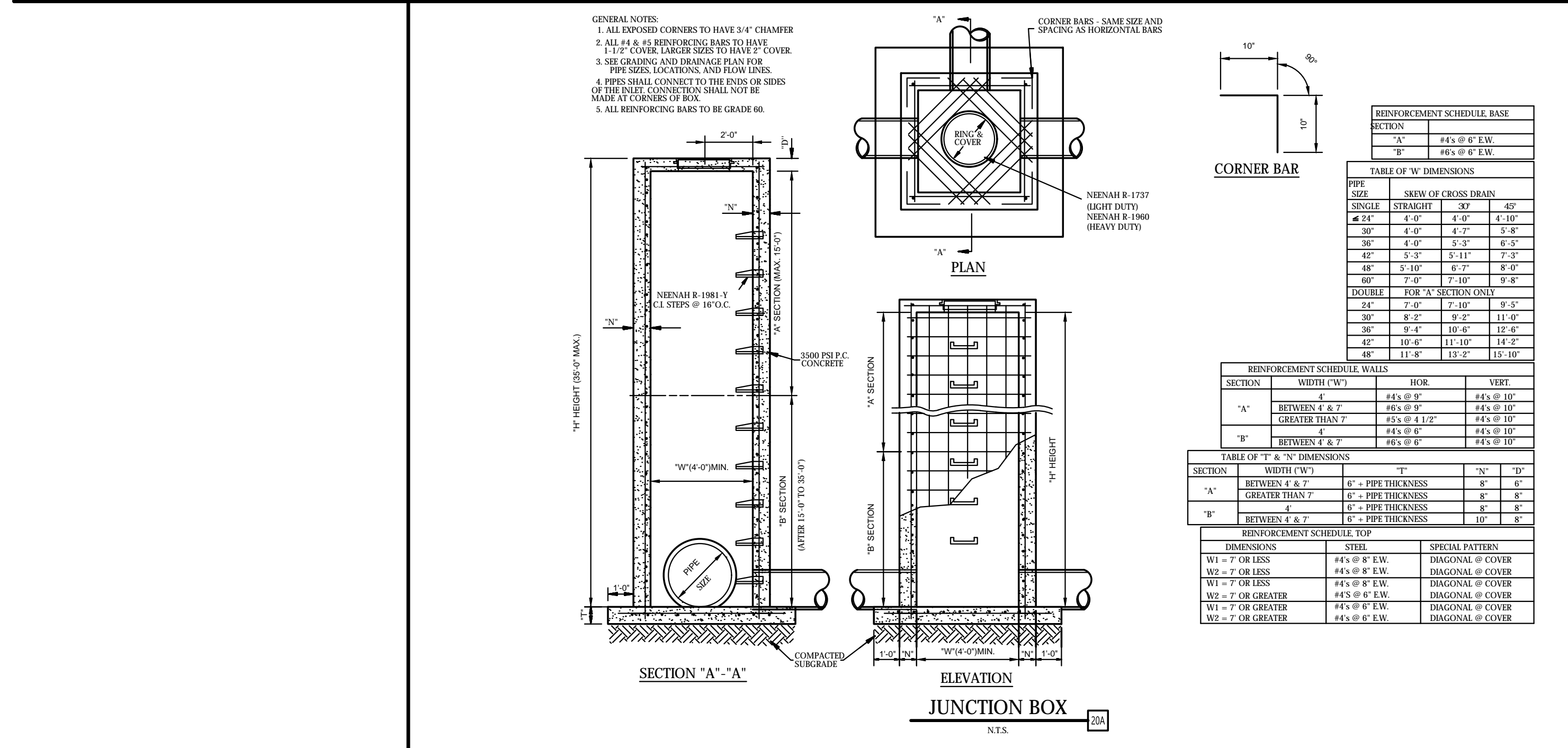
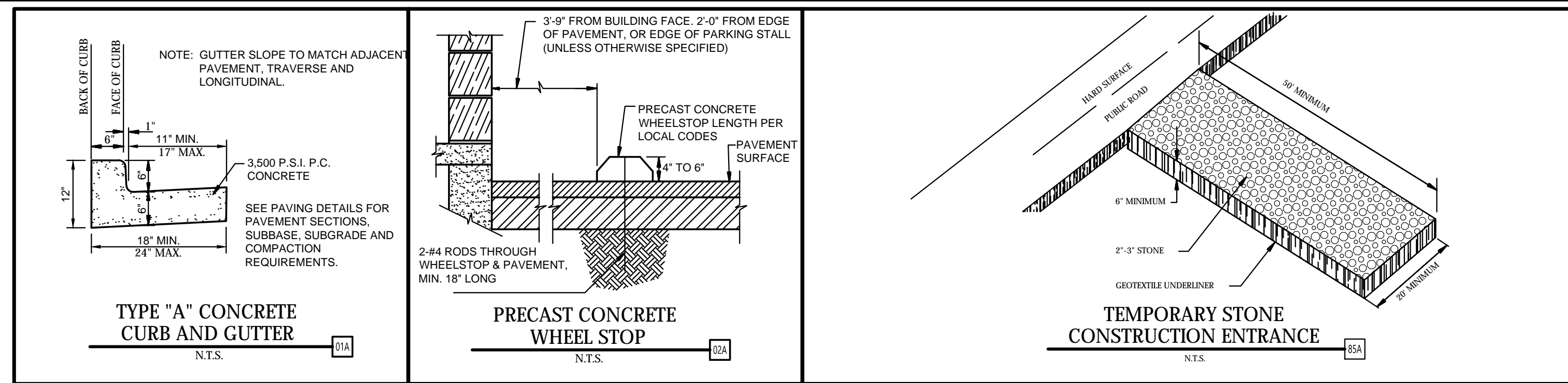
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KROGER SW870 FUEL CENTER
3770 BELTLINE RD TX
ADDISON TX

DETAIL SHEET 1 REV DATE 7/24/17 SHEET NO. C8
AS-BUILT

12/15/2017



SWP-CI "Big Red" Curb Inlet Protector

By ASP Enterprises and Storm Water Products



Specifications:

1. Infill Material: shredded recycled rubber tires
2. Weight: approx. 10 lbs per linear foot
3. Diameter: approx. 8"

Geotextile fabric made of durable high flow fabric with the following properties:

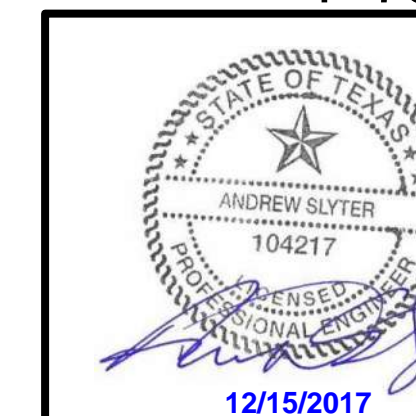
Property	Test Method	Units	Typical Value
Weight	ASTM D5261	oz/sq. yd	9.3
Grab Tensile Strength	ASTM D4632	lb	warp 250
			fill 290
Tear Strength (Trapezoid)	ASTM D4533	lb	warp 60
			fill 50
Burst	ASTM D3786	psi	440

(Efforts were made to determine flow rate-the fabric exceeded all capacities of the testing equipment)



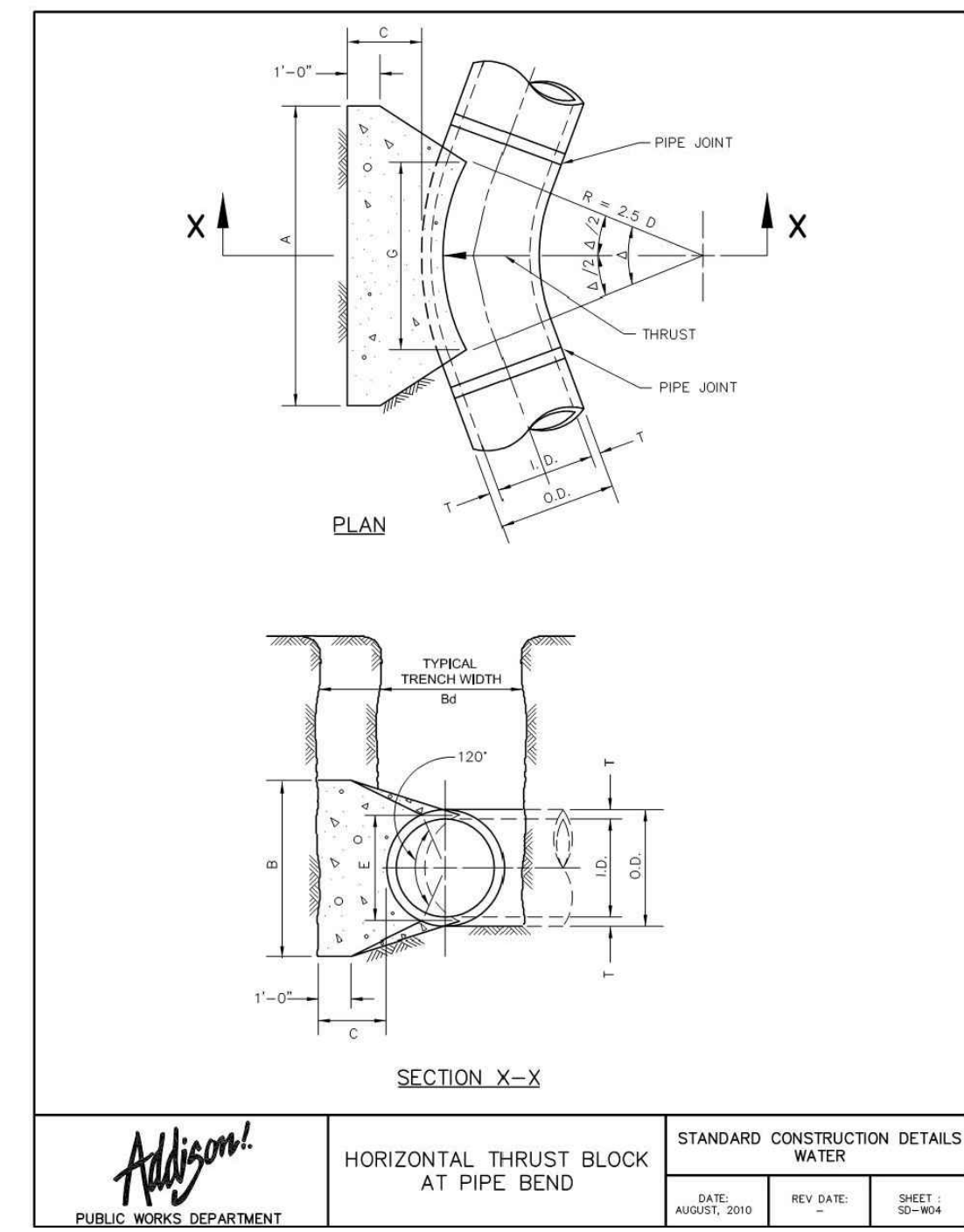
ASP Enterprises and Storm Water Products assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. ASP and SWP disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials or information furnished herewith. This document should not be construed as engineering advice.

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26873	7/24/17	ADS	JEE	JPS	JPS
CEI PROJECT NO.	INITIAL DATE	DPOR	PM	DES	DRW
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4800 Sugar Grove Blvd, Suite 316 (281)494-0309 Stafford, TX 77477 (281)494-0360					

KROGER SW870 FUEL CENTER	
3770 BELTLINE RD ADDISON TX	
REV DATE 7/24/17	SHEET NO. C9
DETAIL SHEET 2	



ADDITIONAL: PUBLIC WORKS DEPARTMENT

STANDARD CONSTRUCTION DETAILS WATER

DATE: AUGUST 2010 REV DATE: SHEET: 10-148

TABLES OF DIMENSIONS AND QUANTITIES

HORIZONTAL THRUST BLOCK DIMENSIONS & QUANTITIES

I.D. (IN.)	G. THRUST (TONS)	EARTH				ROCK					
		A (FT.)	B (FT.)	VOL. (CU. FT.)	WGT. (KIP)	A (FT.)	B (FT.)	VOL. (CU. FT.)	WGT. (KIP)		
4.68	0.4	1.0	1.0	1.0	0.1	4.68	0.8	2.0	1.5	0.1	0.1
10.12	0.5	1.5	1.5	0.9							
16.18	0.6	1.5	1.5	1.6							
20	0.7	1.5	1.5	1.8							
24	0.9	1.5	1.5	2.1							
30	2.9	1.5	1.9	2.6							
36	4.5	1.5	2.3	3.3							
42	5.0	1.8	2.6	3.8							
48	5.5	2.0	3.0	4.3							
54	6.0	2.3	3.4	4.8							
60	6.5	2.5	3.8	5.3							
66	6.8	2.8	4.1	5.7							
72	7.5	3.3	4.5	6.3							
78	7.5	3.3	4.9	6.7							
84	8.0	3.5	5.3	7.2							
90	8.5	3.8	5.6	7.7							
96	9.0	4.0	6.0	8.2							

ADDITIONAL: PUBLIC WORKS DEPARTMENT

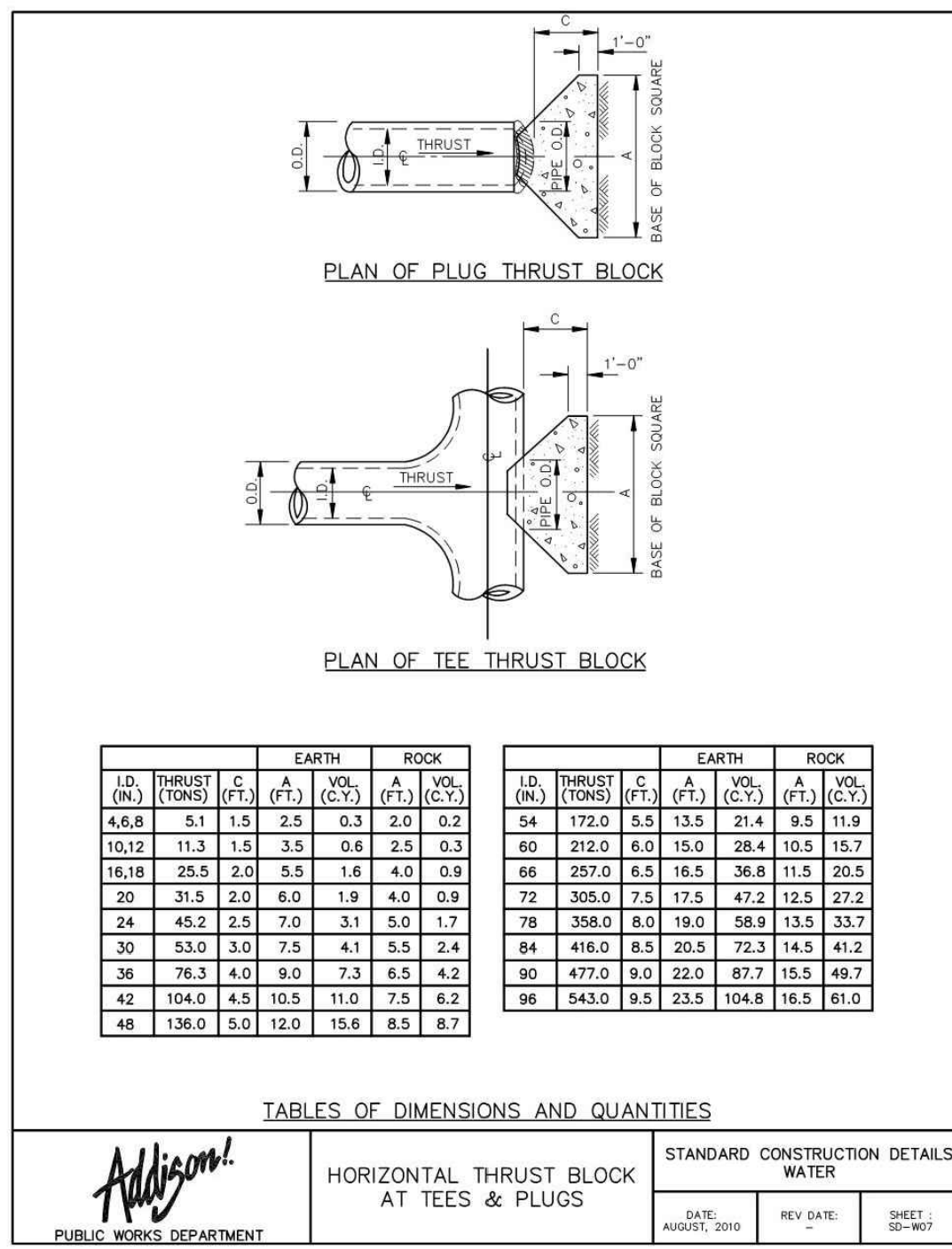
STANDARD CONSTRUCTION DETAILS WATER

DATE: AUGUST 2010 REV DATE: SHEET: 10-148

TABLES OF DIMENSIONS AND QUANTITIES

HORIZONTAL THRUST BLOCK DIMENSIONS & QUANTITIES

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10.12	0.5	1.5	1.5	0.9							
16.18	0.6	1.5	1.5	1.6							
20	0.7	1.5	1.5	1.8							
24	0.9	1.5	1.5	2.1							
30	2.9	1.5	1.9	2.6							
36	4.5	1.5	2.3	3.3							
42	5.0	1.8	2.6	3.8							
48	5.5	2.0	3.0	4.3							
54	6.0	2.3	3.4	4.8							
60	6.5	2.5	3.8	5.3							
66	6.8	2.8	4.1	5.7							
72	7.5	3.3	4.5	6.3							
78	7.5	3.3	4.9	6.7							
84	8.0	3.5	5.3	7.2							
90	8.5	3.8	5.6	7.7							
96	9.0	4.0	6.0	8.2							



ADDITIONAL: PUBLIC WORKS DEPARTMENT

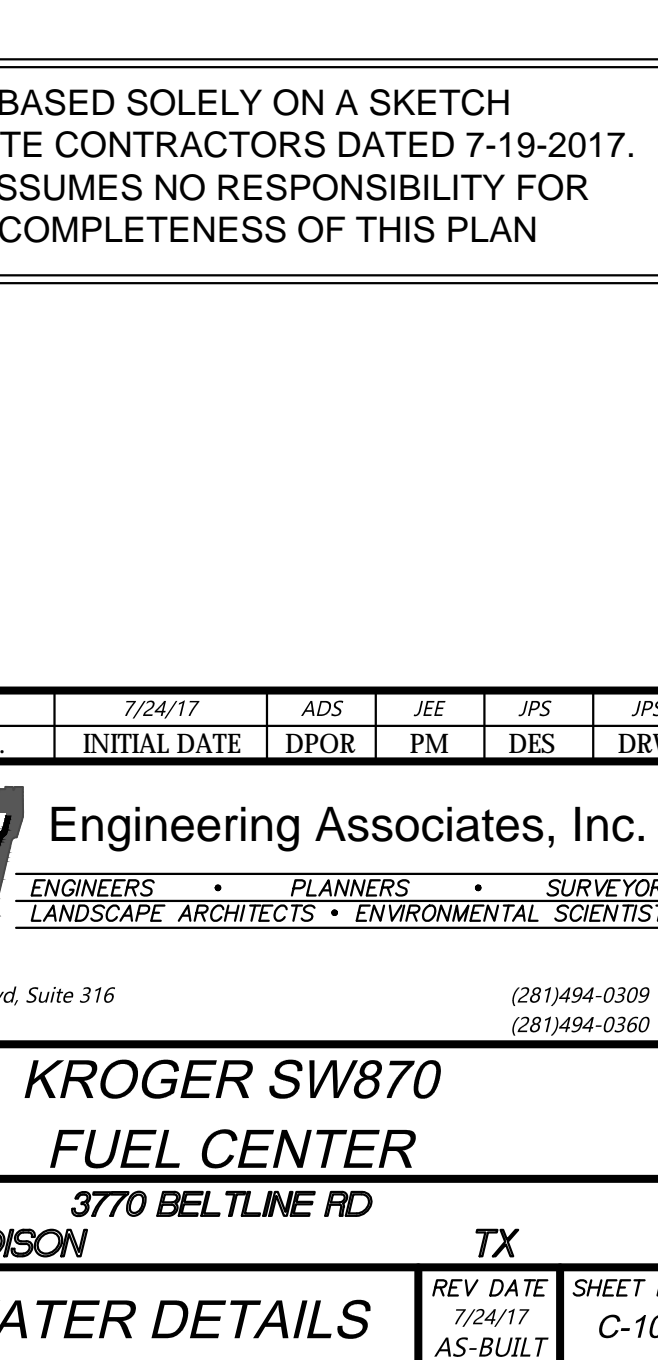
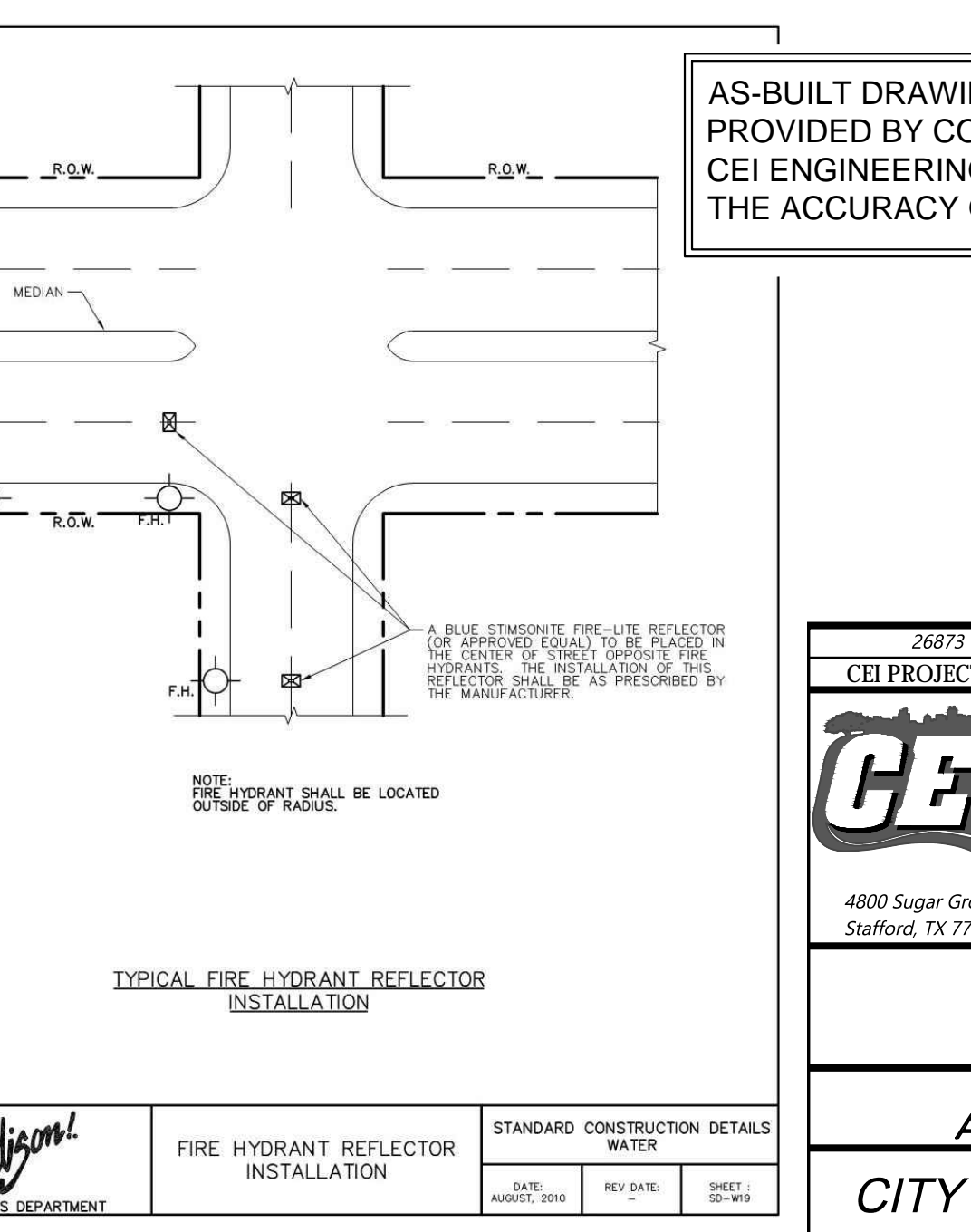
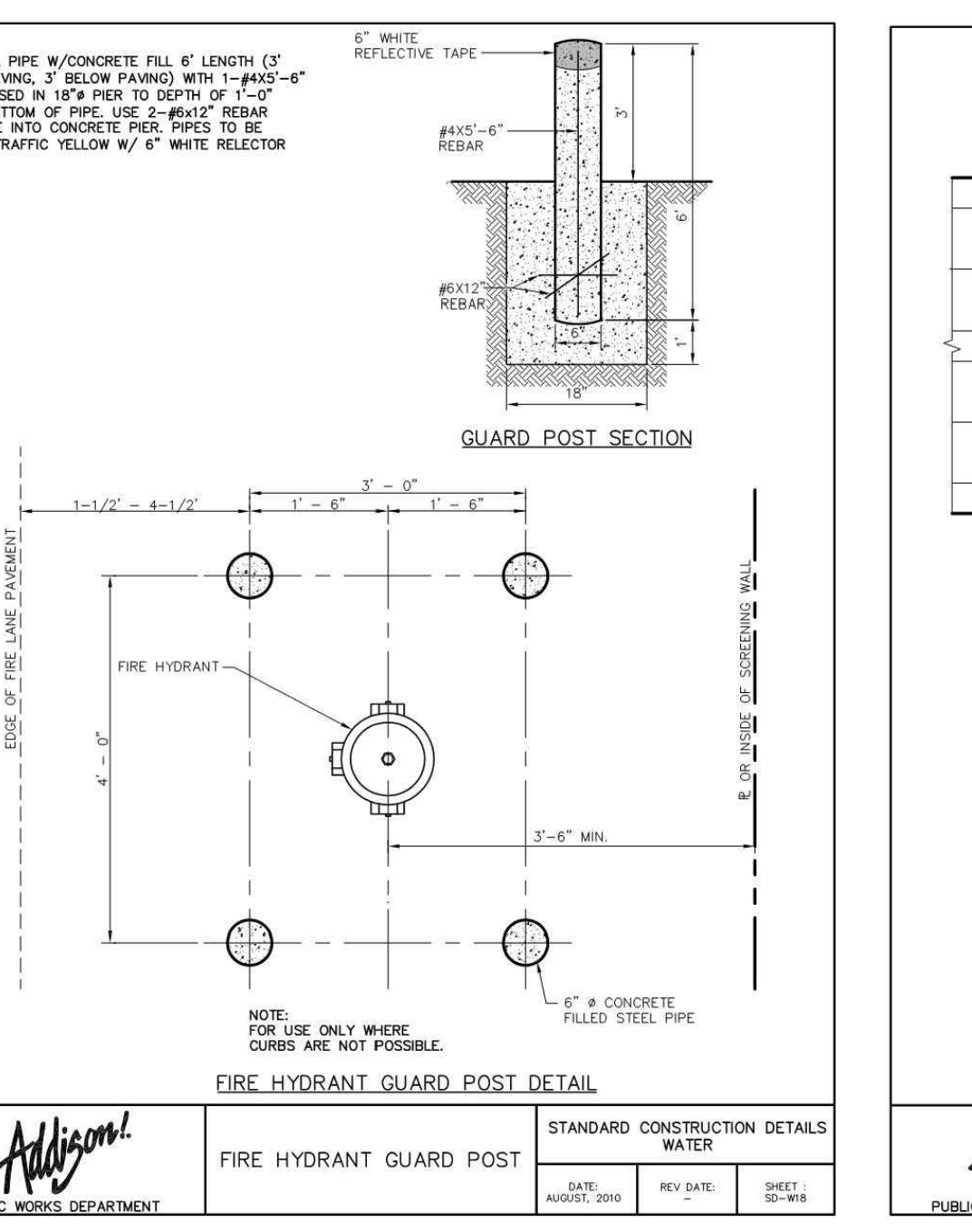
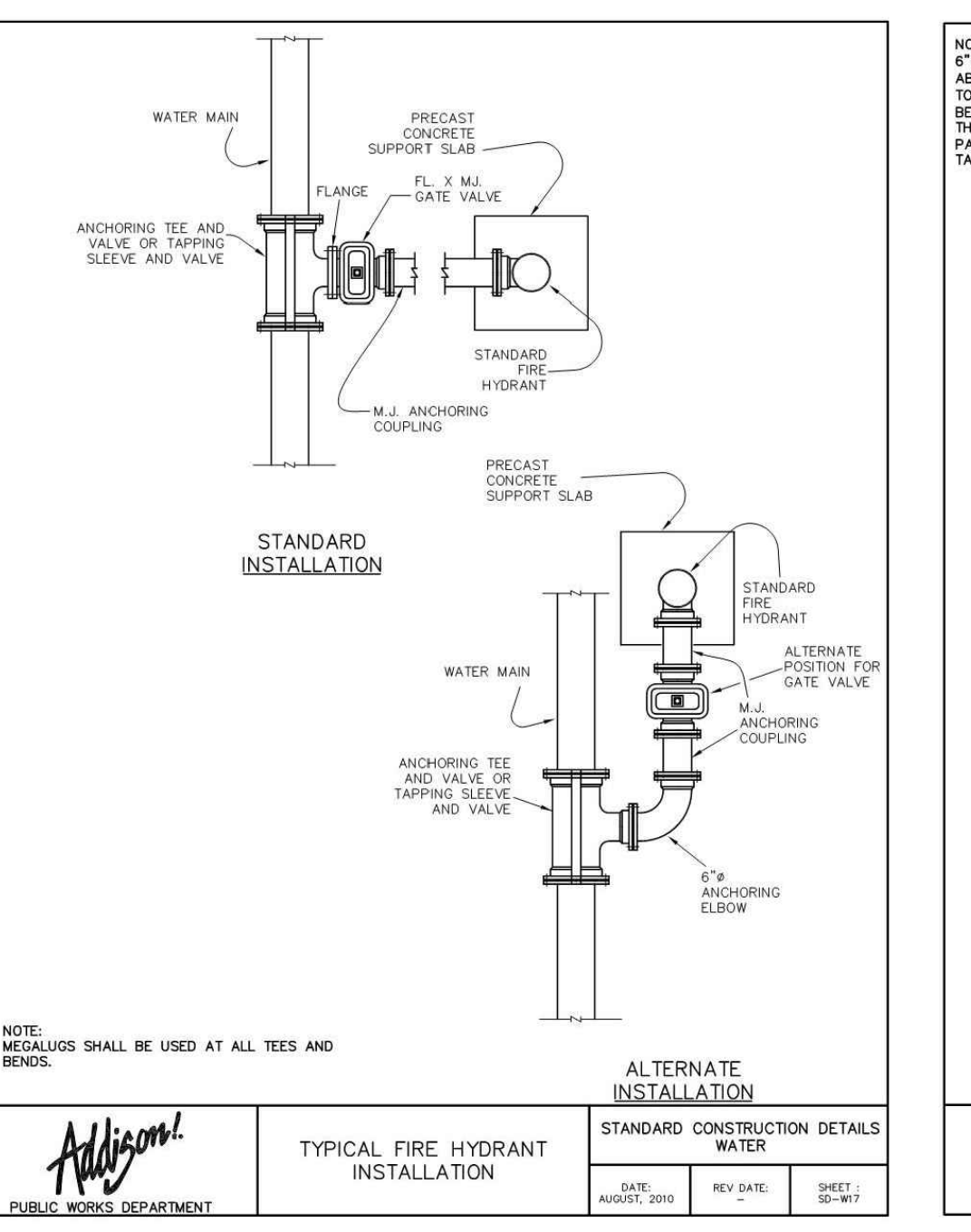
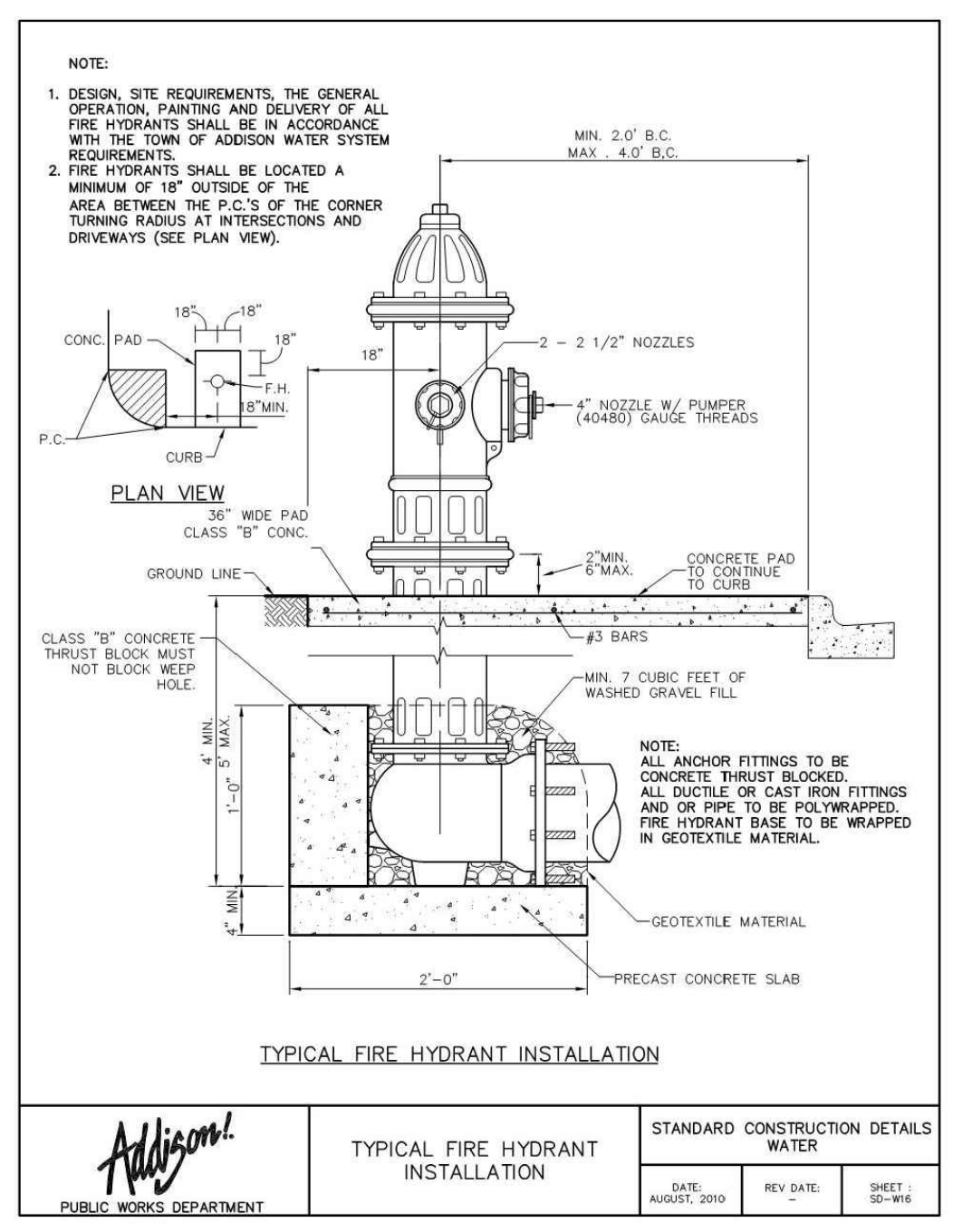
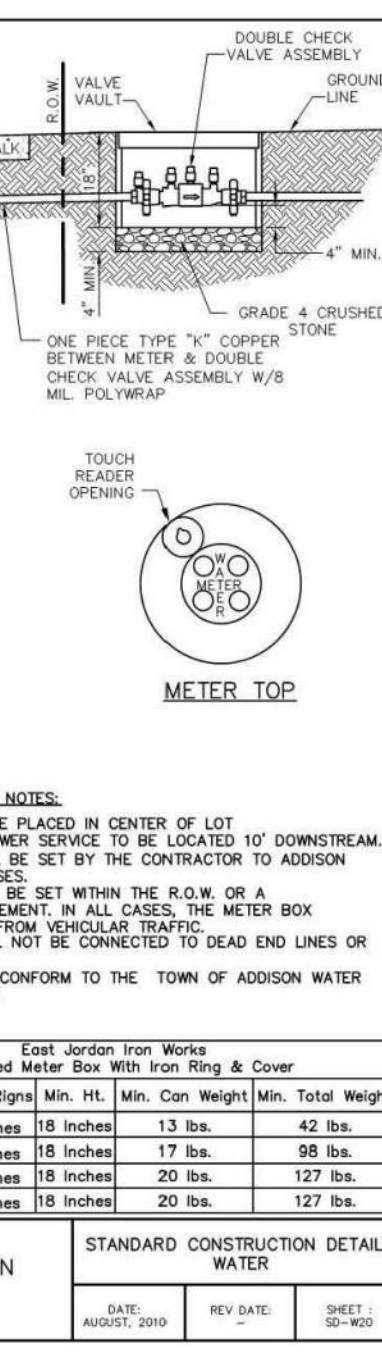
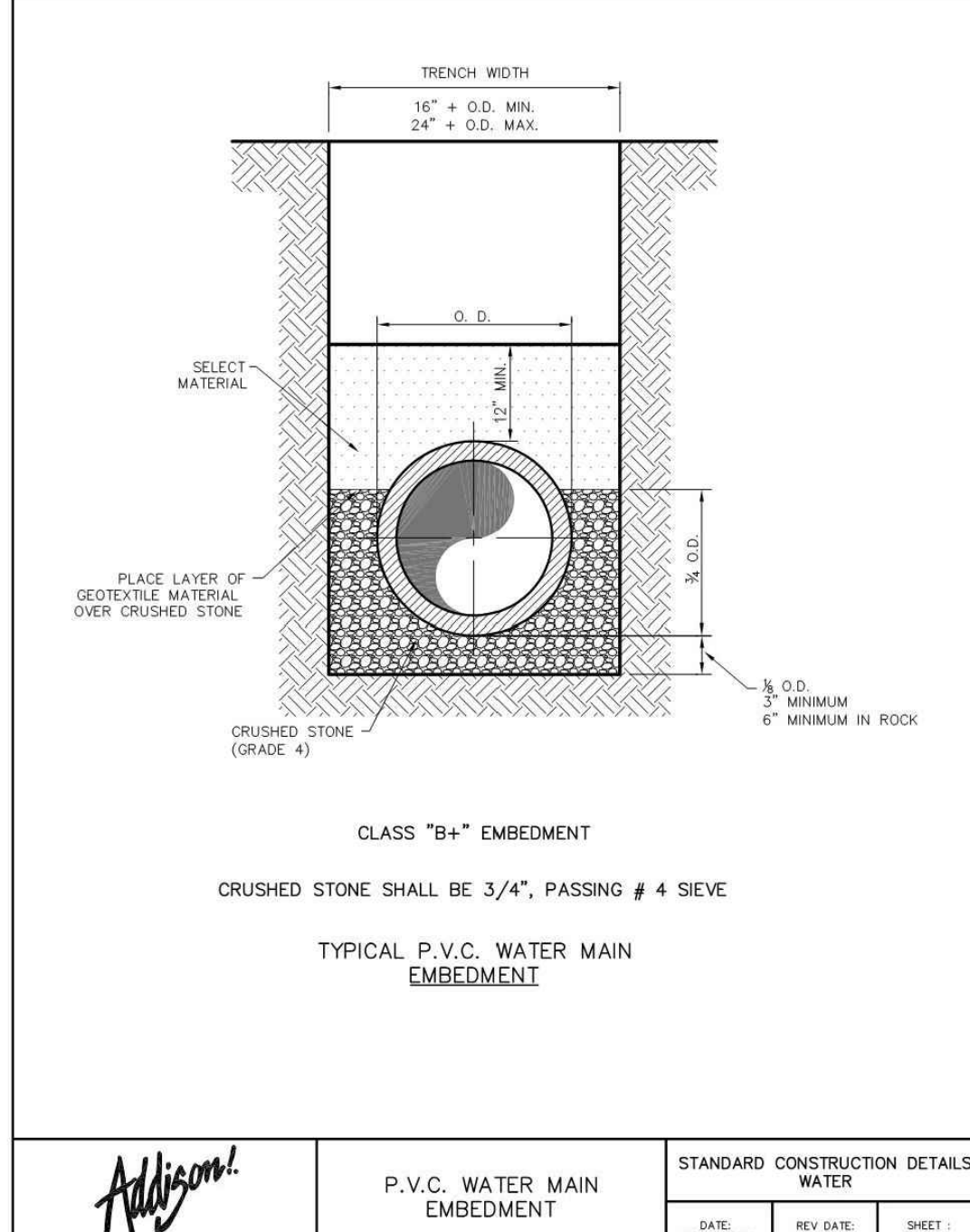
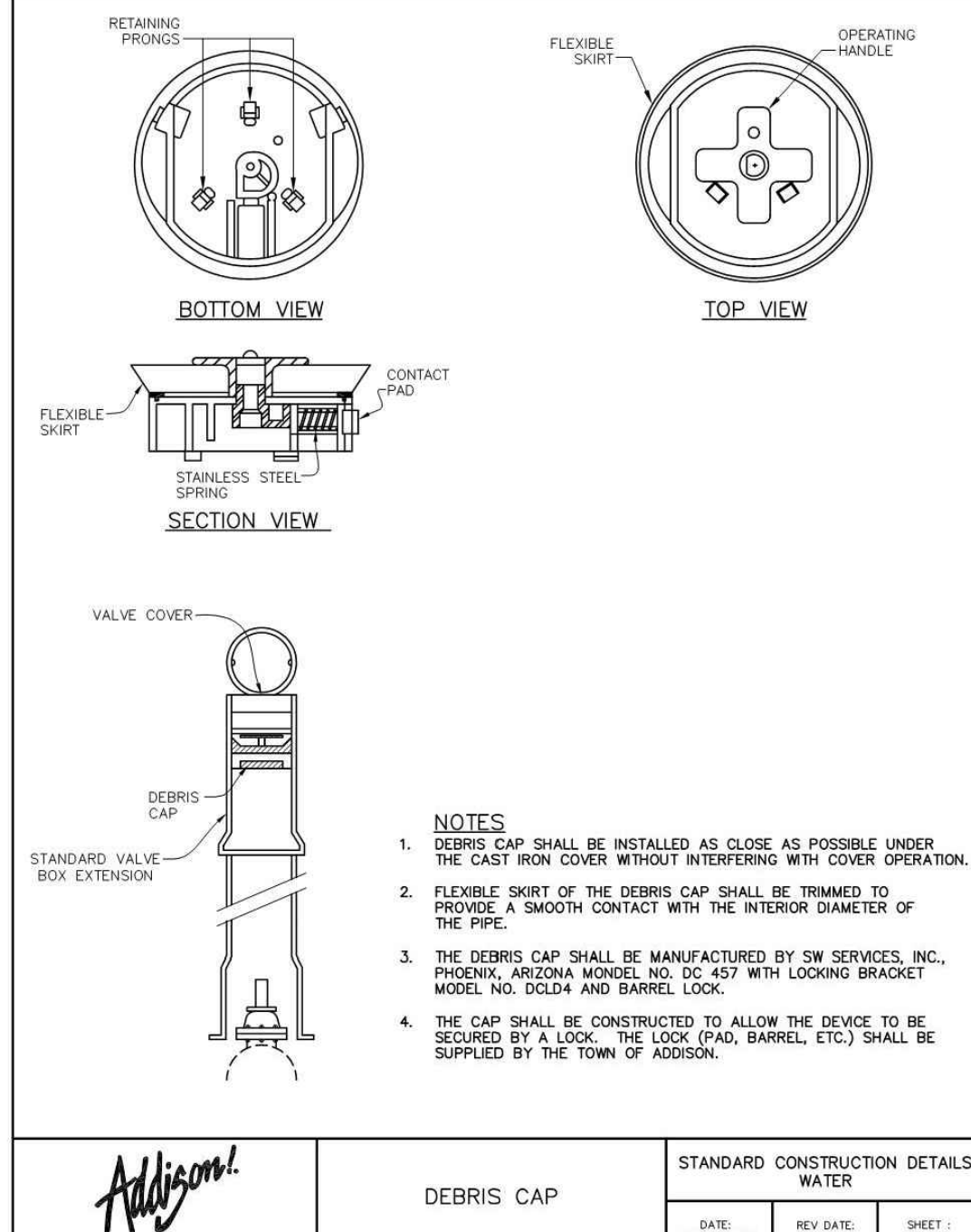
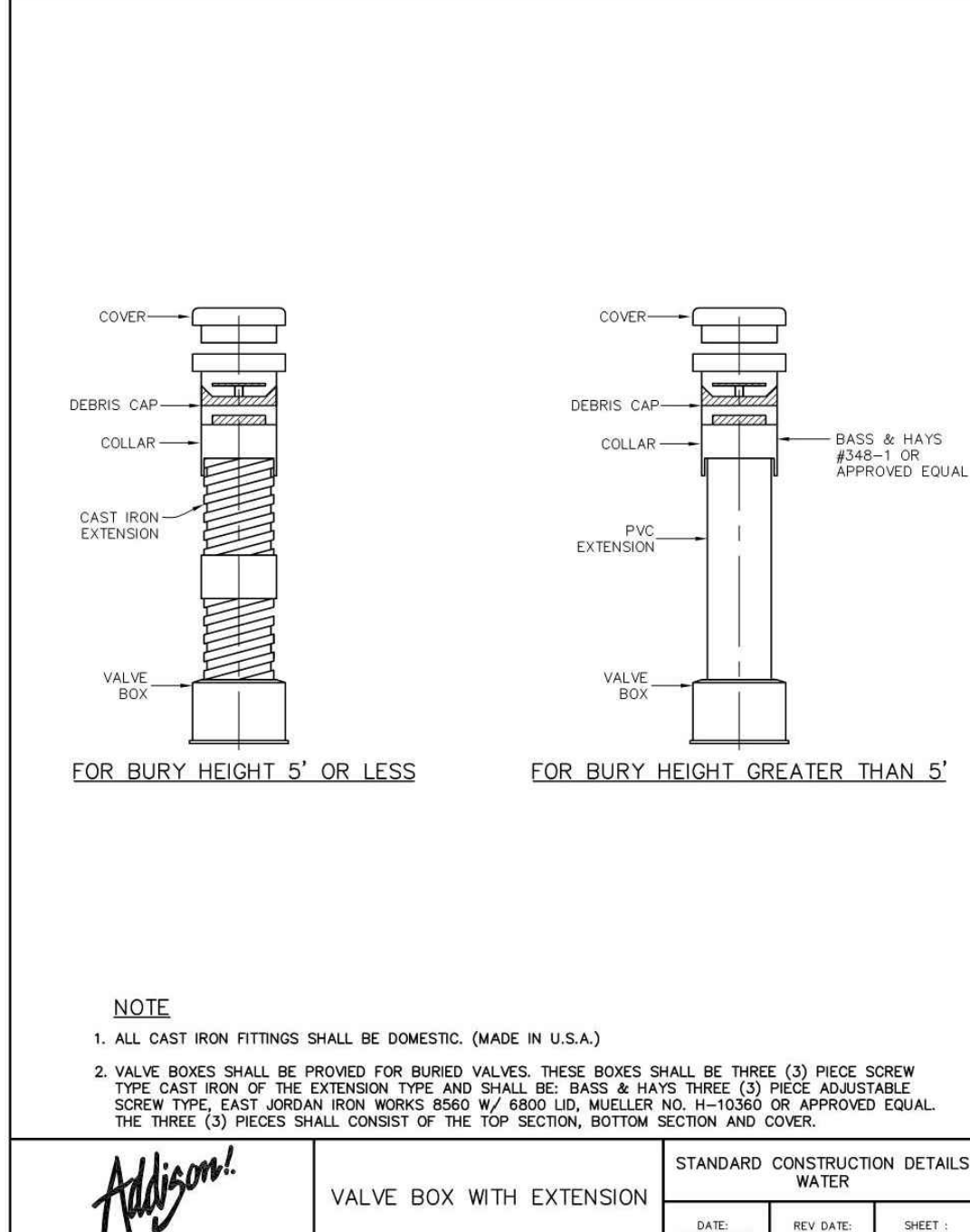
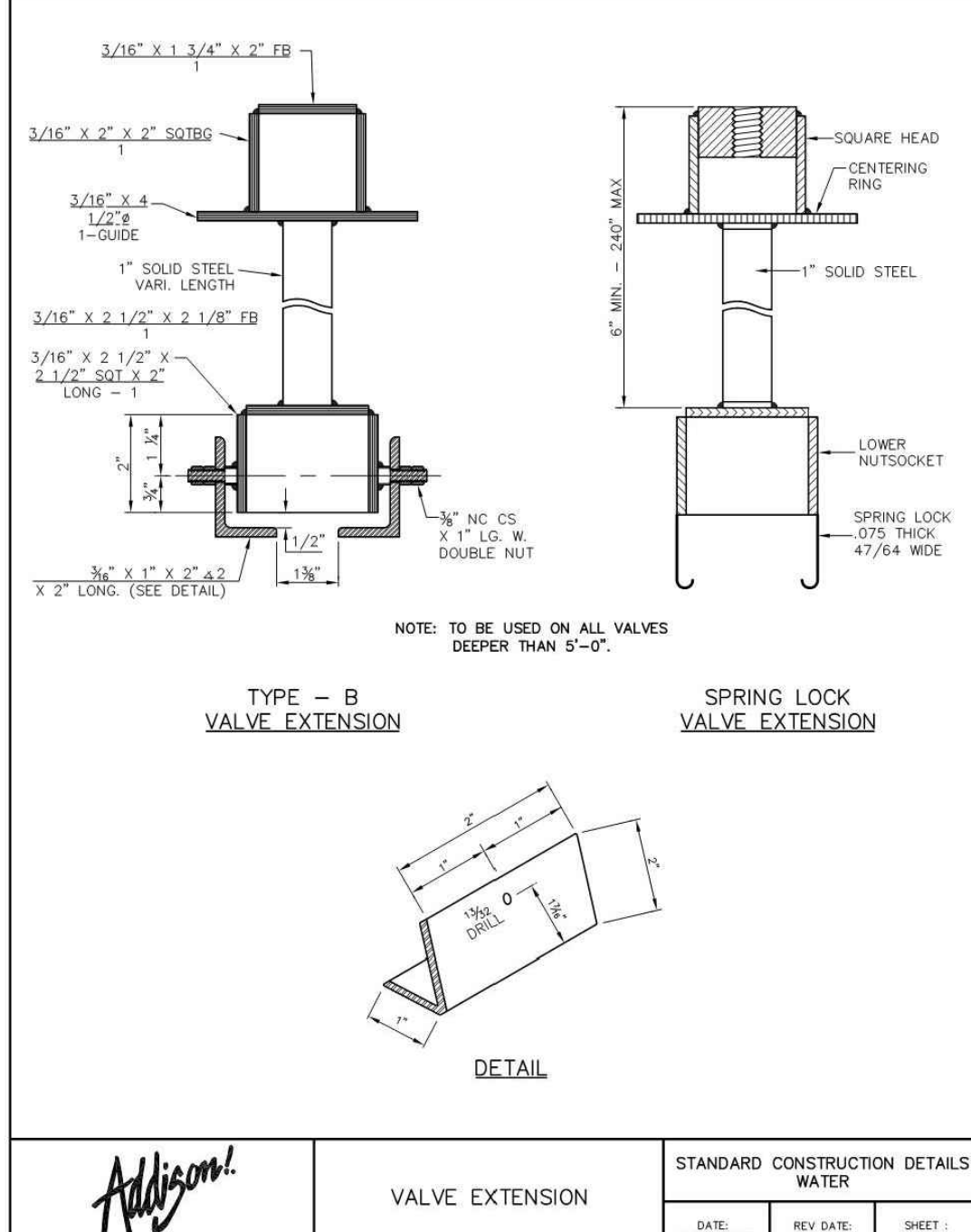
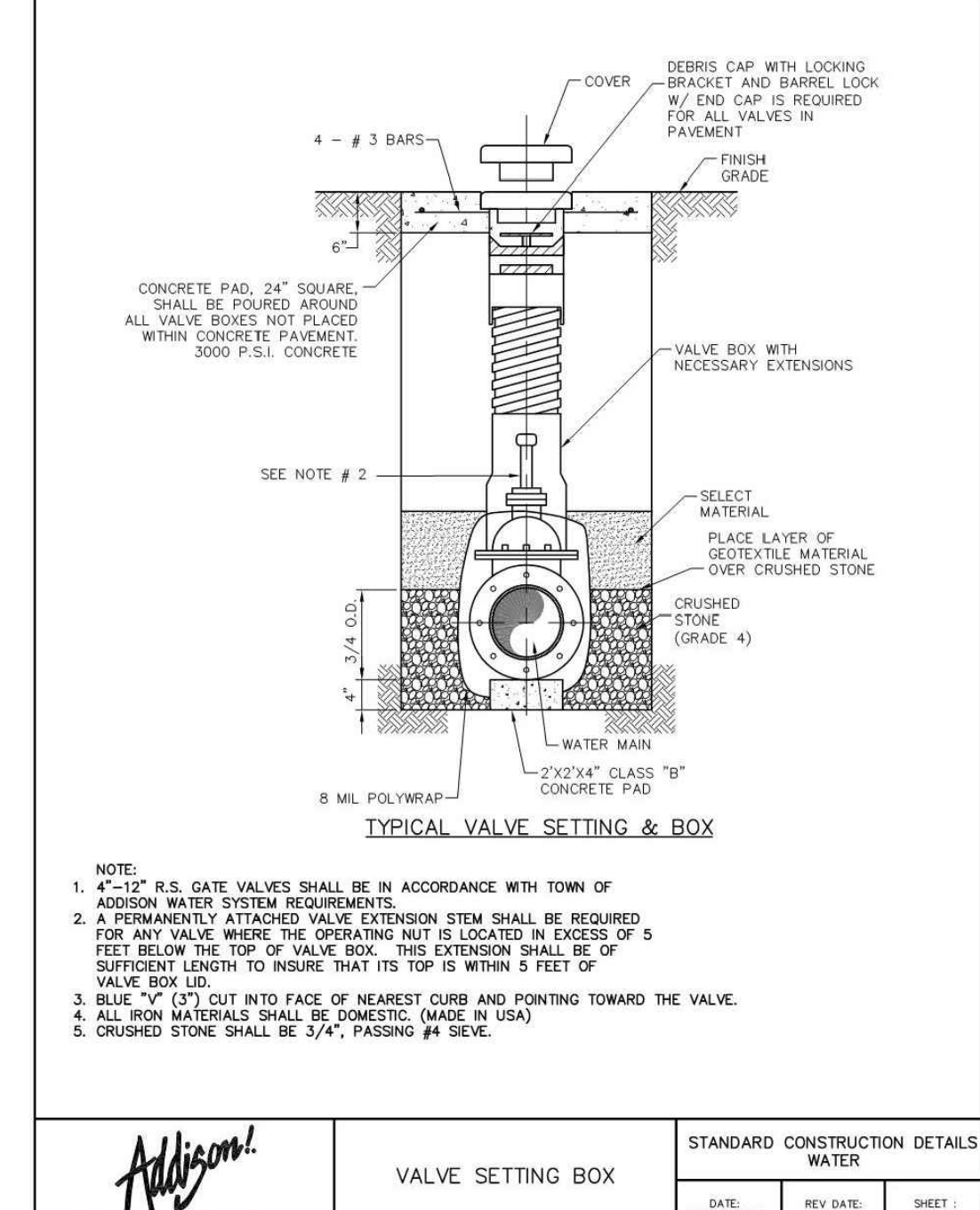
STANDARD CONSTRUCTION DETAILS WATER

DATE: AUGUST 2010 REV DATE: SHEET: 10-148

TABLES OF DIMENSIONS AND QUANTITIES

VERTICAL THRUST BLOCK AT PIPE BEND

I.D. (IN.)	G. THRUST (TONS)	EARTH				ROCK					
		A (FT.)	B (FT.)	VOL. (CU. FT.)	WGT. (KIP)	A (FT.)	B (FT.)	VOL. (CU. FT.)	WGT. (KIP)		
4.68	0.4	1.0	1.0	1.0	0.1	4.68	0.8	2.0	1.5	0.1	0.1
10.12	0.5	1.5	1.5	0.9							
16.18	0.6	1.5	1.5	1.6							
20	0.7	1.5	1.5	1.8							
24	0.9	1.5	1.5	2.1							
30	2.9	1.5	1.9	2.6							
36	4.5	1.5	2.3	3.3							
42	5.0	1.8	2.6	3.8							
48	5.5	2.0	3.0	4.3							
54	6.0	2.3	3.4	4.8							
60	6.5	2.5	3.8	5.3							
66	6.8	2.8	4.1	5.7							
72	7.5	3.3	4.5	6.3							
78	7.5	3.3	4.9	6.7							
84	8.0	3.5	5.3	7.2							
90	8.5	3.8	5.6	7.7							
96	9.0	4.0	6.0	8.2							



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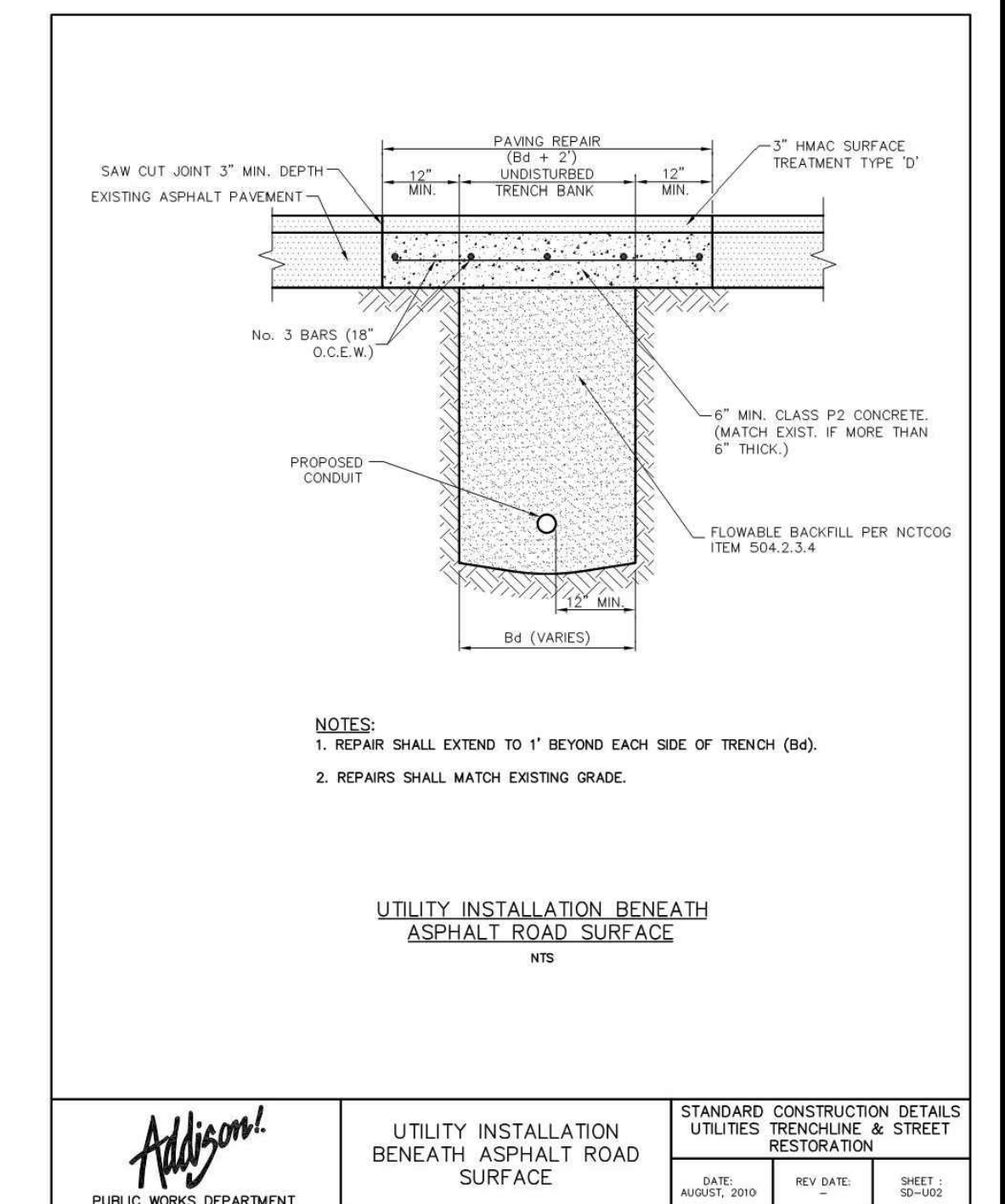
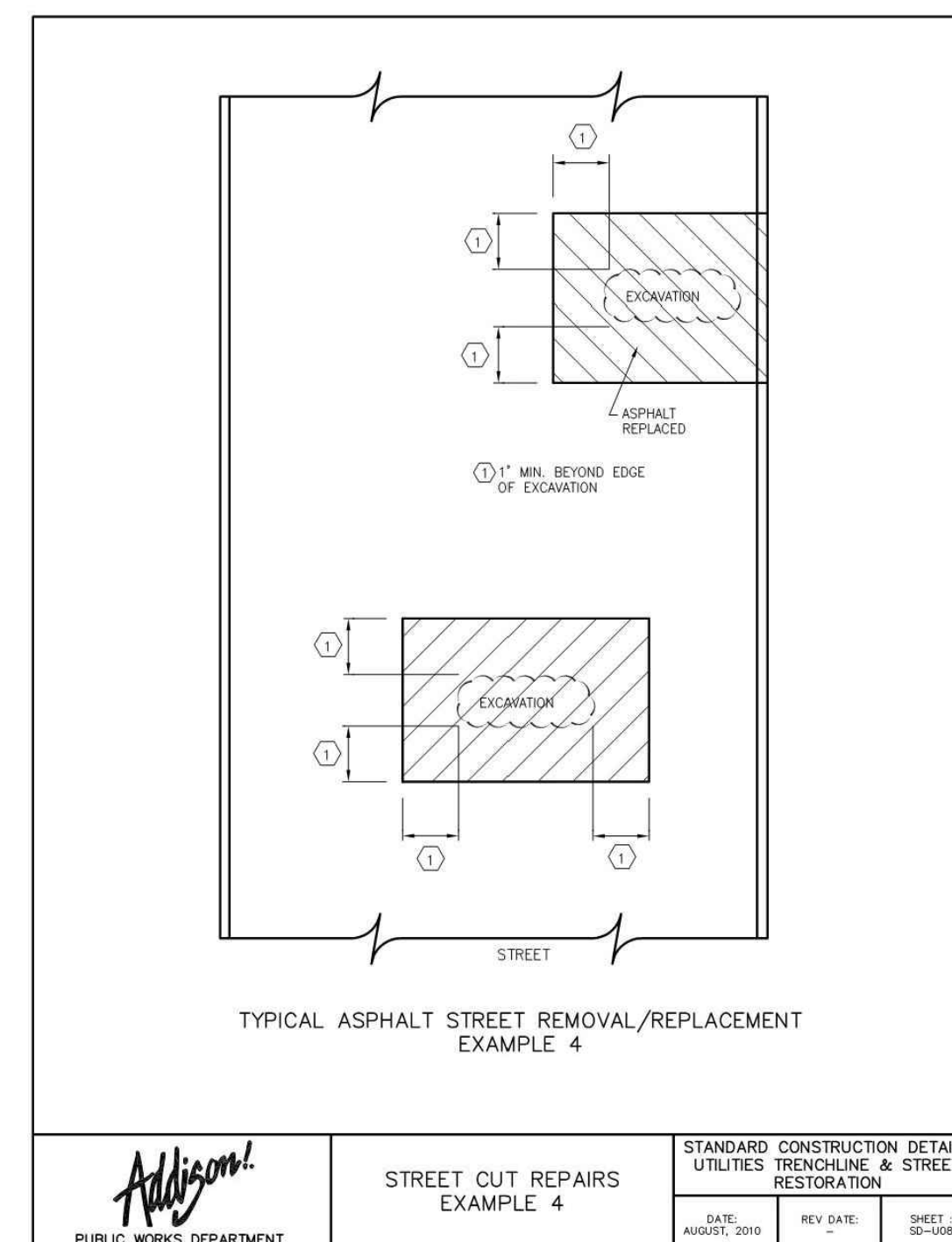
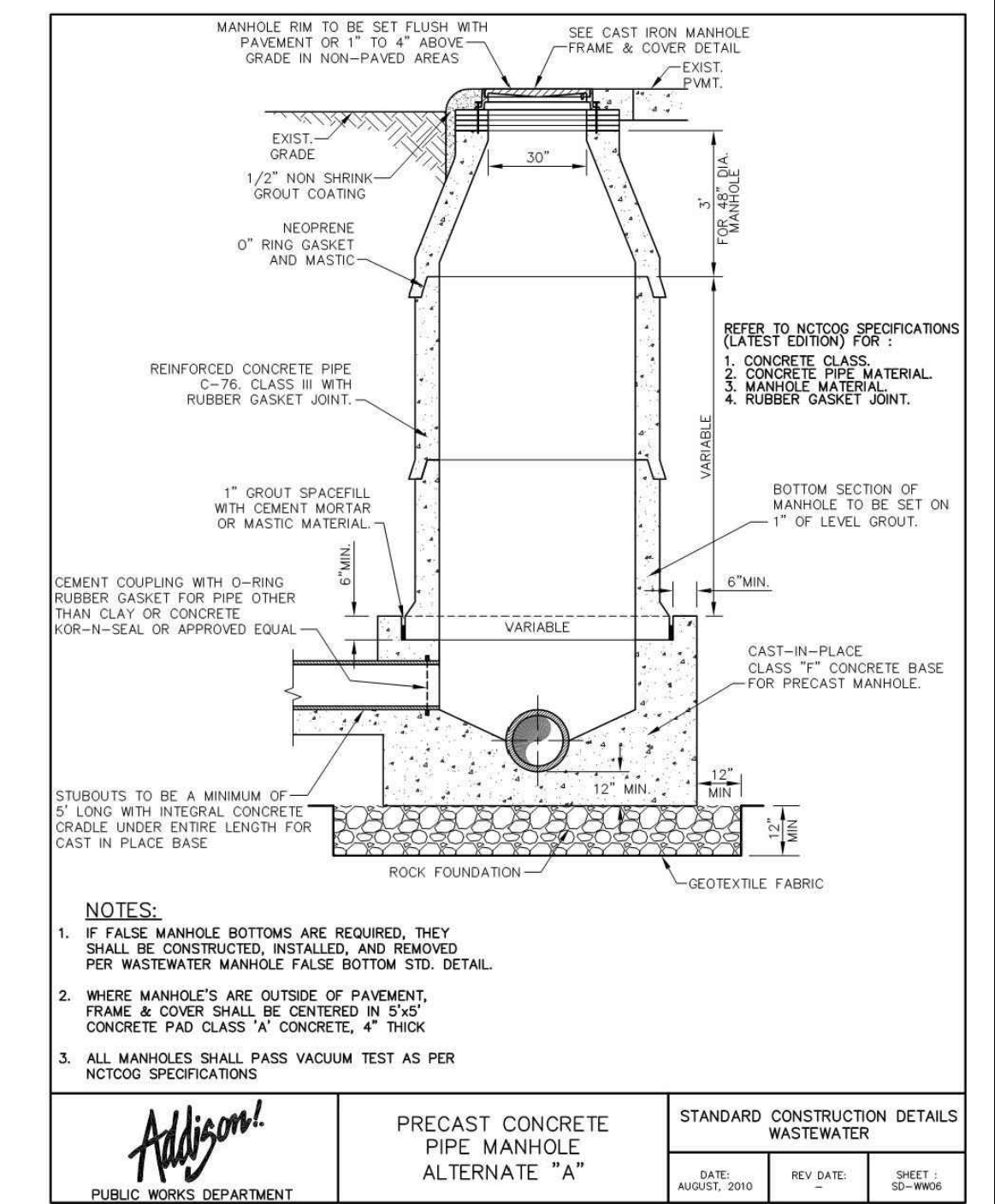
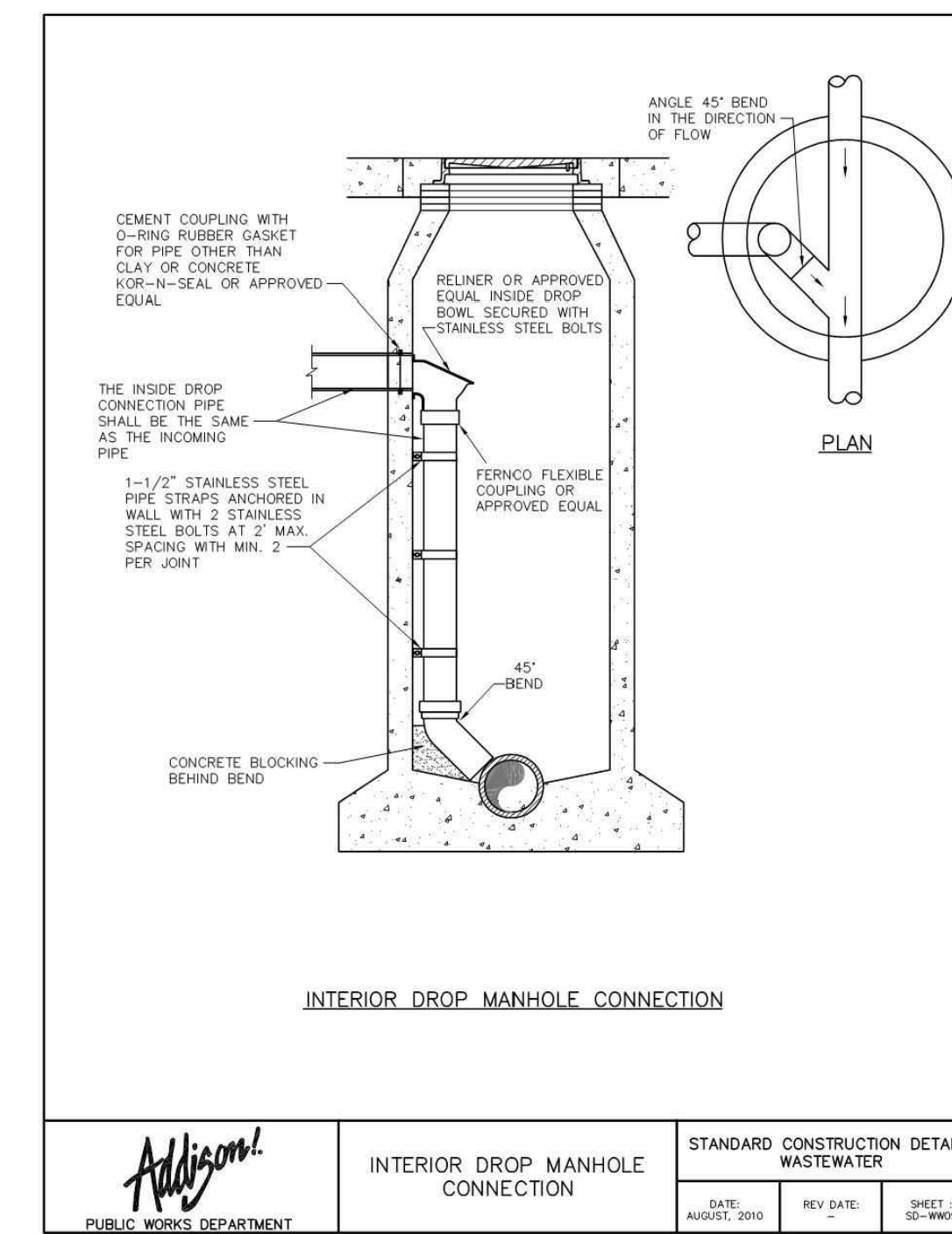
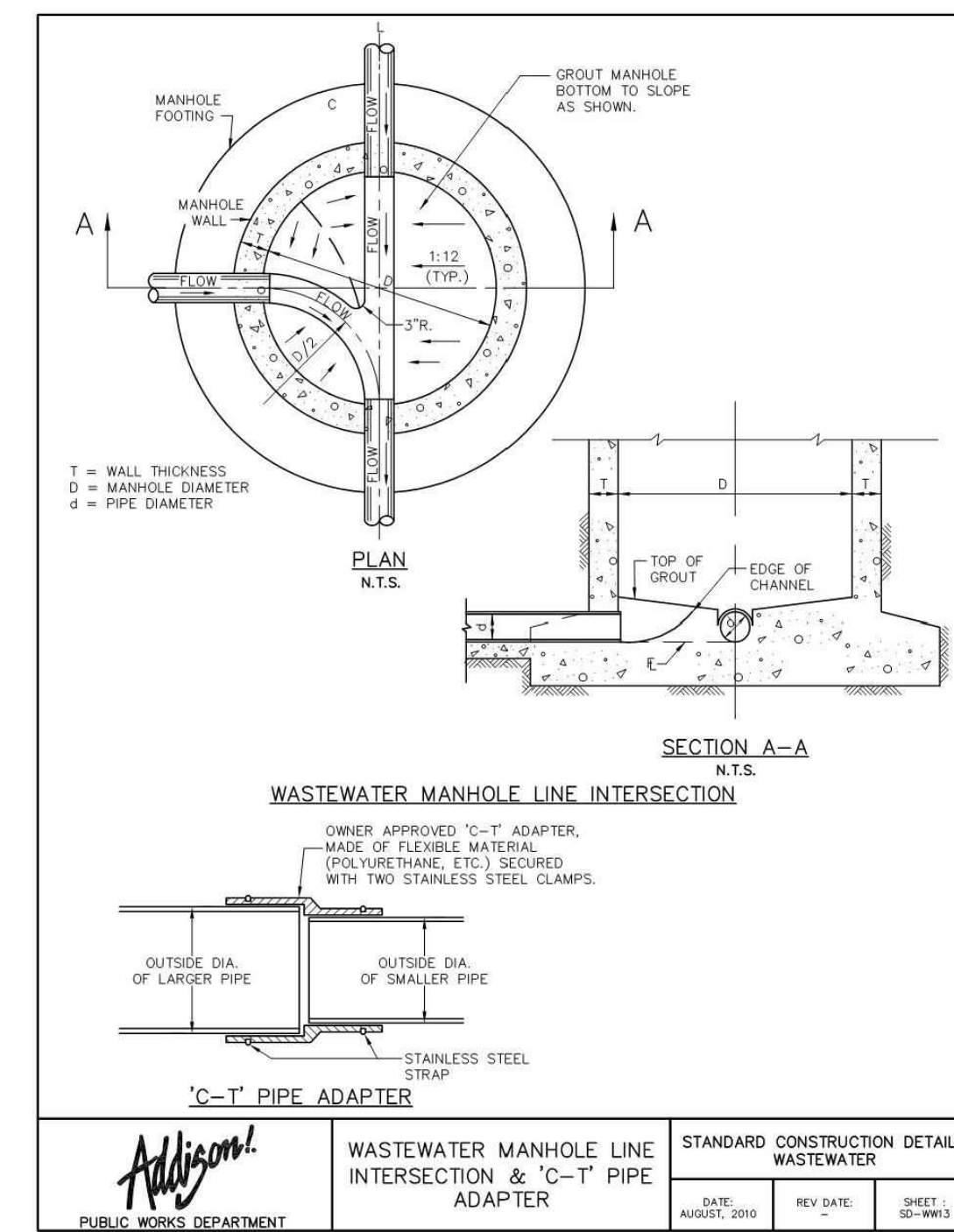
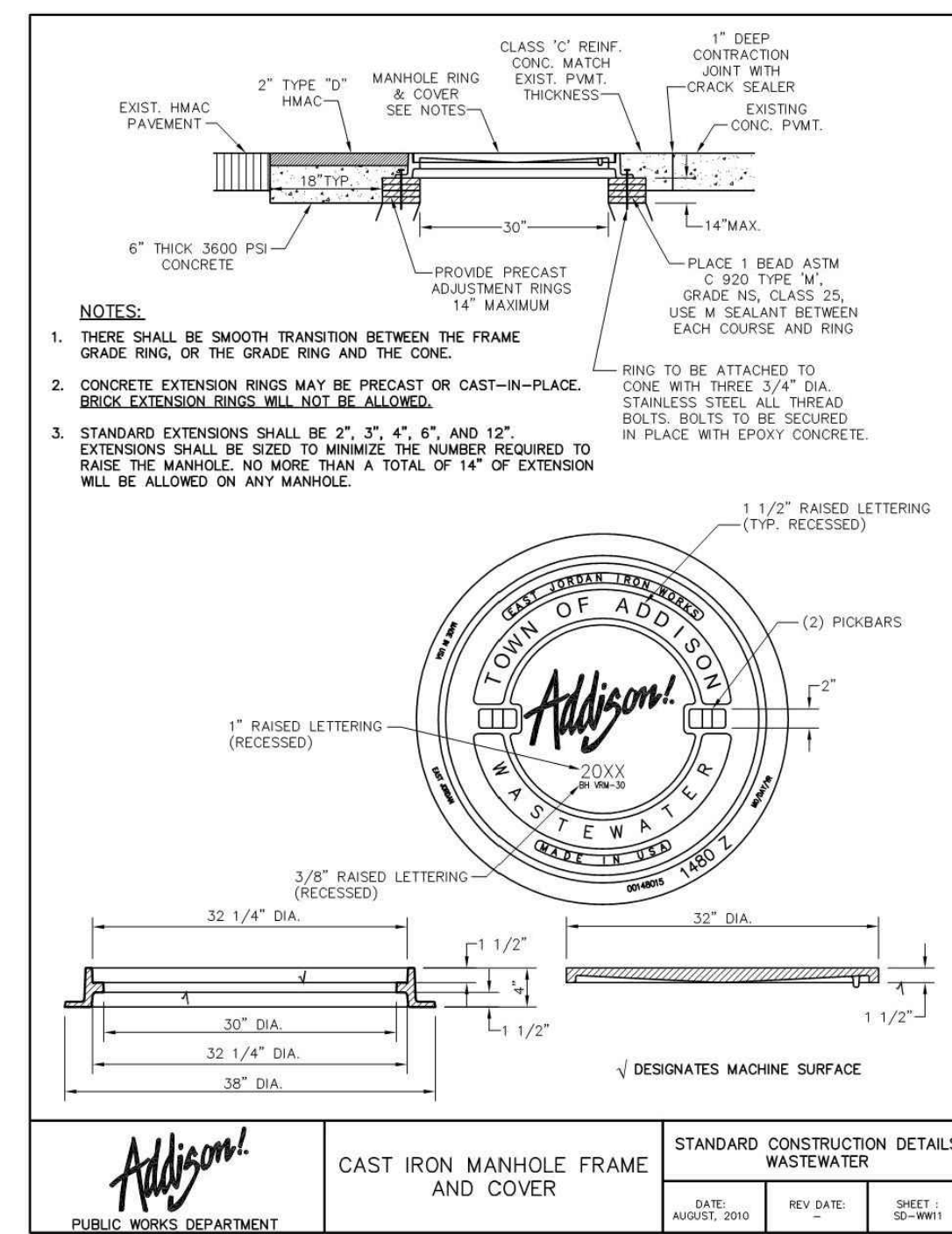
26873
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7/24/17 ADS JEE JPS JPS
7/24/17 PM DES DRW

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ADDITION 7/24/17 SHEET NO. C-10
AS-BUILT

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26873	7/24/17	ADS	JEE	JPS	JPS
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	AS-BUILT	

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