

GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, AND VERIFYING, THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY, STATE AND FEDERAL AGENCIES PRIOR TO STARTING CONSTRUCTION.
- CONTRACTOR SHALL VERIFY LOCATION AND INVERT ELEVATIONS OF EXISTING SEWERS PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN A COMPLETE AND OPERABLE UTILITY SYSTEM AT ALL TIMES.
- CONTRACTOR SHALL INCLUDE COSTS FOR CUTTING AND PATCHING AS REQUIRED IN THEIR BID PROPOSAL TO COMPLETELY INSTALL THE WORK INDICATED.
- CONTRACTOR SHALL INCLUDE ALL TAP FEES, PERMIT FEES AND APPLICATION FEES IN THEIR BID PROPOSAL AS NECESSARY TO COMPLETELY INSTALL THE WORK INDICATED.
- INFORMATION SHOWN WAS OBTAINED FROM AN OWNER FURNISHED SITE SURVEY OF EXISTING CONDITIONS AND IS UNCONFIRMED. CONTRACTOR IS REQUIRED TO FIELD VERIFY THIS INFORMATION AND NOTIFY ARCHITECT OF ANY DISCREPANCIES SO MODIFICATION CAN BE MADE.
- CONTRACTOR SHALL COORDINATE EXACT UTILITY LOCATIONS WITH THE OWNER AND LOCAL UTILITY COMPANIES PRIOR TO COMMENCING ANY WORK. UTILIZE THE INDIANA UNDERGROUND UTILITY LOCATION SERVICE AT 811 OR 800-382-5544 PRIOR TO ANY EXCAVATION ON THE SITE.

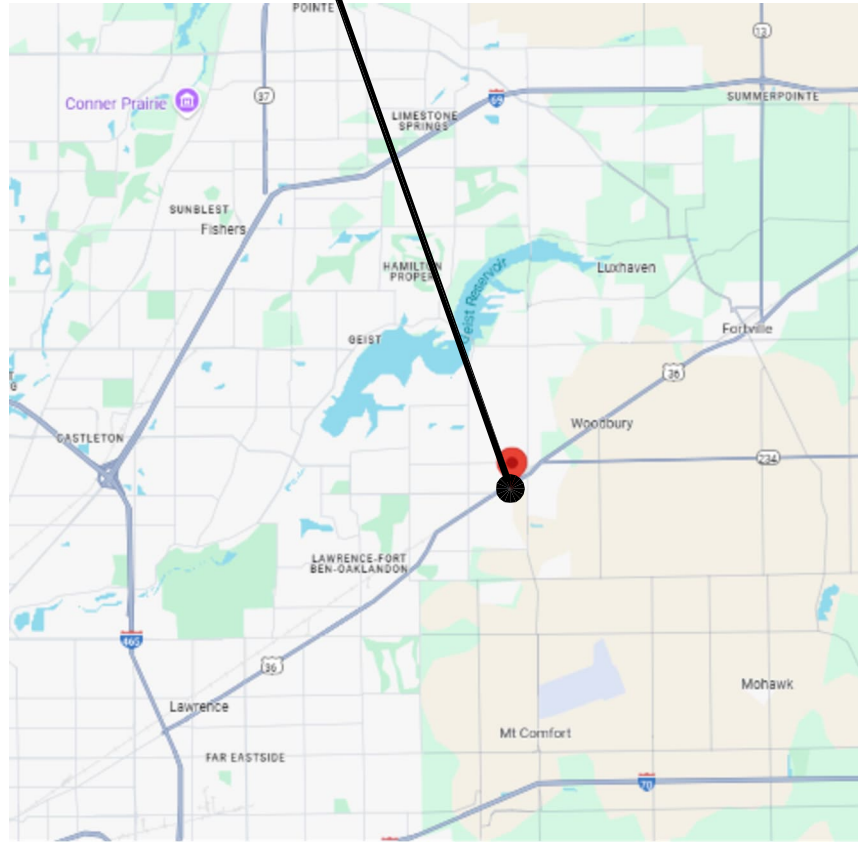
SITE SYMBOLS AND ABBREVIATIONS

REFER TO SHEET ES1 FOR EXISTING SURVEY SYMBOLS AND ABBREVIATIONS

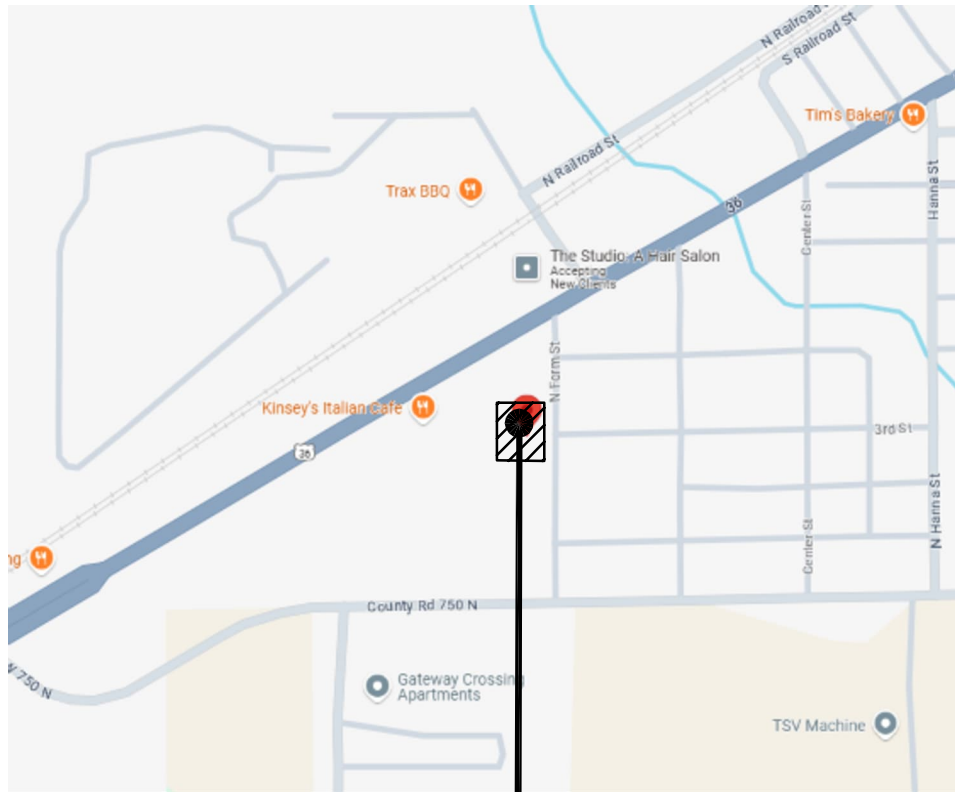
	NEW CONTOUR LINE	INV. 123.45	INVERT ELEVATION		LIGHTED BOLLARD
	NEW SPOT ELEVATION		NEW STRUCTURE		HELIPAD LIGHT
	TOP OF NEW CURB		CONSTRUCTION LIMIT LINE		LIGHT POLE BASE
	CURB GUTTER		SWALE		POWER POLE
	BOLLARD		DIRECTION OF FLOW		SEWER STRUCTURE
	CLEANOUT		NEW UTILITY TO EXISTING UTILITY		STORM INLET
	DOWNSPOUT		VALVE		WATER METER
	AREA DRAIN		FENCE		END SECTION
	NEW UTILITY		FIRE HYDRANT		WIND SOCK SIGN
	PIPE MATERIAL		FLAG POLE		HANDHOLE/PULL BOX
	FIRE DEPARTMENT CONNECTION		TEE		PARKING BUMPER
	GAS METER		TRANSFORMER		ADA RAMP
	ELECTRIC MANHOLE		POST INDICATOR VALVE		
			ACCESSIBLE PARKING SYMBOL		

AD - AREA DRAIN	HDPE - HIGH DENSITY POLYETHYLENE PIPE	TW - TOP OF WALL (TYP)
CB - BOTTOM OF WALL	ME - MATCH EXISTING	U/G - UNDERGROUND
CO - CATCH BASIN	INV - INVERT ELEVATION	W - WATER
DIP - DUCTILE IRON PIPE	MH - MANHOLE	WV - WATER VALVE
DS - DOWNSPOUT	O/H - OVERHEAD	WV - CONDUIT
E - ELECTRIC	PIV - POST INDICATOR VALVE	COMM - COMMUNICATION/FIBER OPTICS
EG - EXISTING GRADE	PVC - POLYVINYL CHLORIDE PIPE	GV - GAS VALVE
EX - EXISTING	RCP - REINFORCED CONCRETE PIPE	HP - HIGH POINT
FDC - FIRE DEPARTMENT CONNECTION	SAN - SANITARY SEWER	LP - LOW POINT
FH - FIRE HYDRANT	STM - STORM SEWER	
G - GAS	T - TELEPHONE	
ST - STEAM	TOC - TOP OF CASTING ELEVATION	
CWS - CHILLED WATER SUPPLY	CWR - CHILLED WATER RETURN	

PROJECT SITE



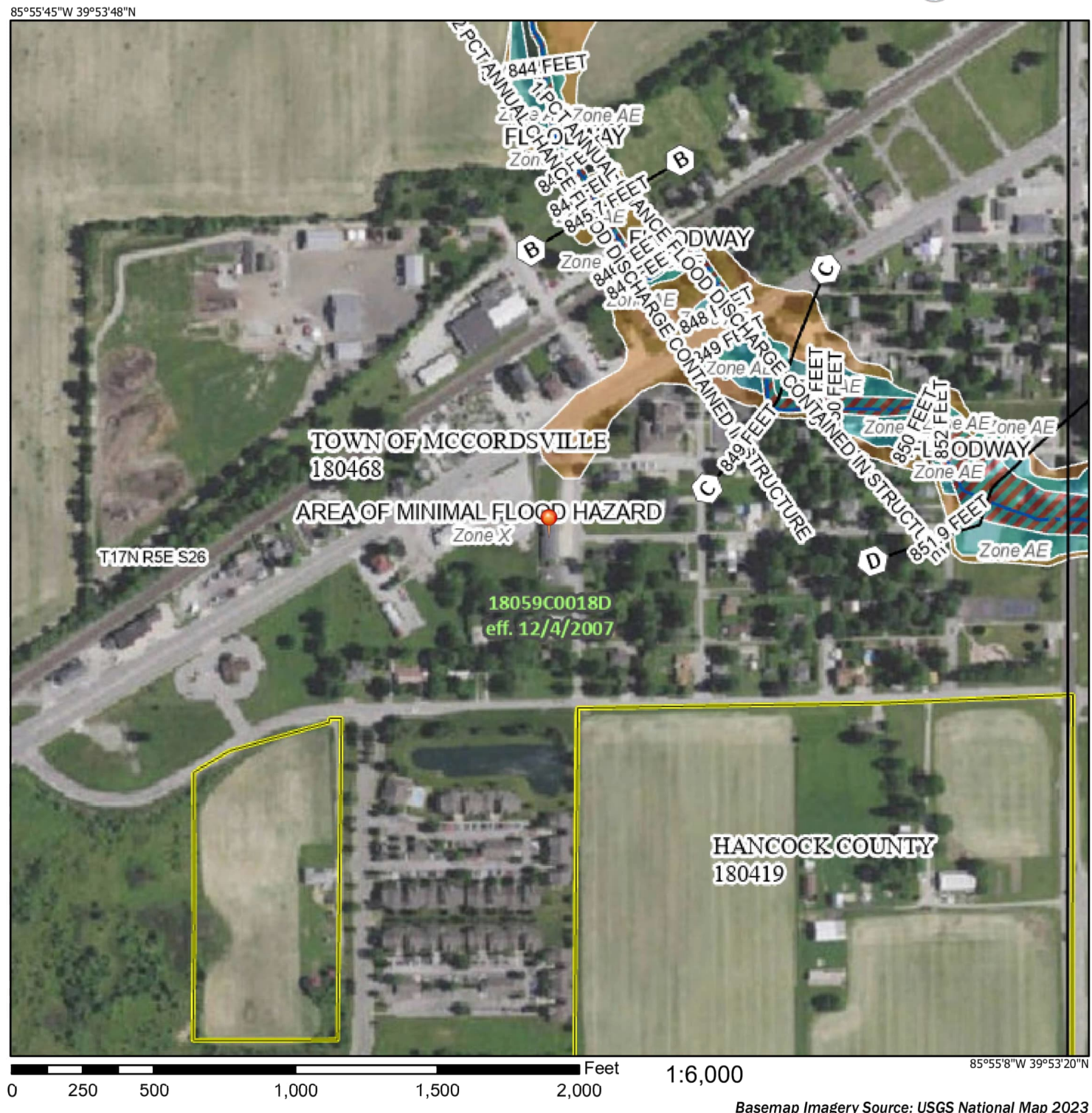
LOCATION MAP



VICINITY MAP

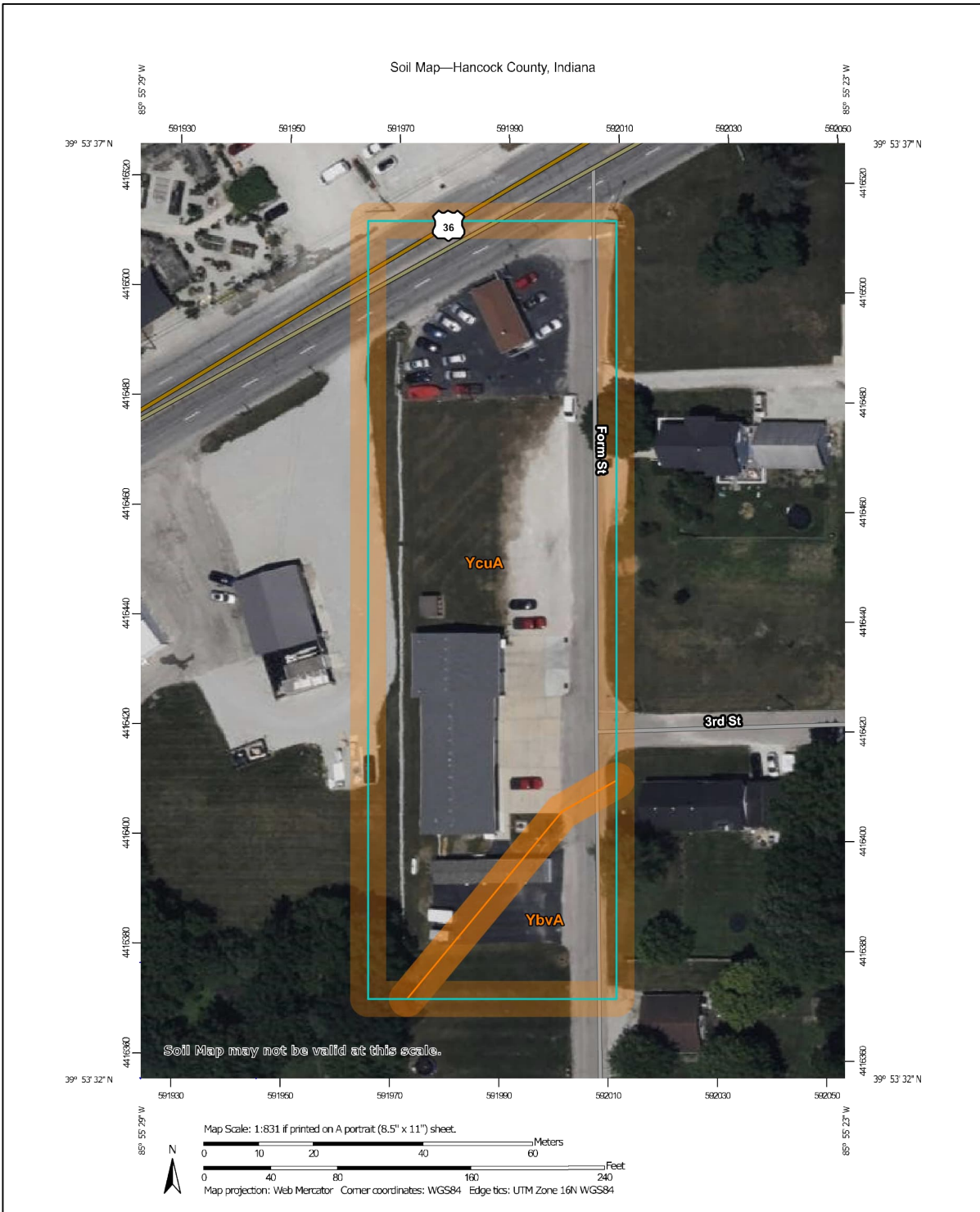
PROJECT SITE

National Flood Hazard Layer FIRMette



FLOOD MAP

Legend	
SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT	
	Without Base Flood Elevation (BFE)
	Regulatory Floodway
	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
	Future Conditions 1% Annual Chance Flood Hazard
	Area with Reduced Flood Risk due to Levee. See Notes, Zone F
	Area with Flood Risk due to Levee, Zone D
	Area of Minimal Flood Hazard, Zone X
	Effective LOMR
	Area of Undetermined Flood Hazard, Zone D
OTHER AREAS OF FLOOD HAZARD	
OTHER AREAS	
GENERAL STRUCTURES	
	Channel, Culvert, or Storm Sewer
	Levee, Dike, or Floodwall
	Cross Sections with 1% Annual Chance Water Surface Elevation
	Coastal Tract
	Base Flood Elevation Line (BFE)
	Limit of Study
	Jurisdiction Boundary
	Coastal Tract Baseline
	Profile Baseline
	Hydrographic Feature
	Digital Data Available
	No Digital Data Available
	Unmapped
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.	
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.	
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 1/22/2025 at 2:47 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.	
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.	

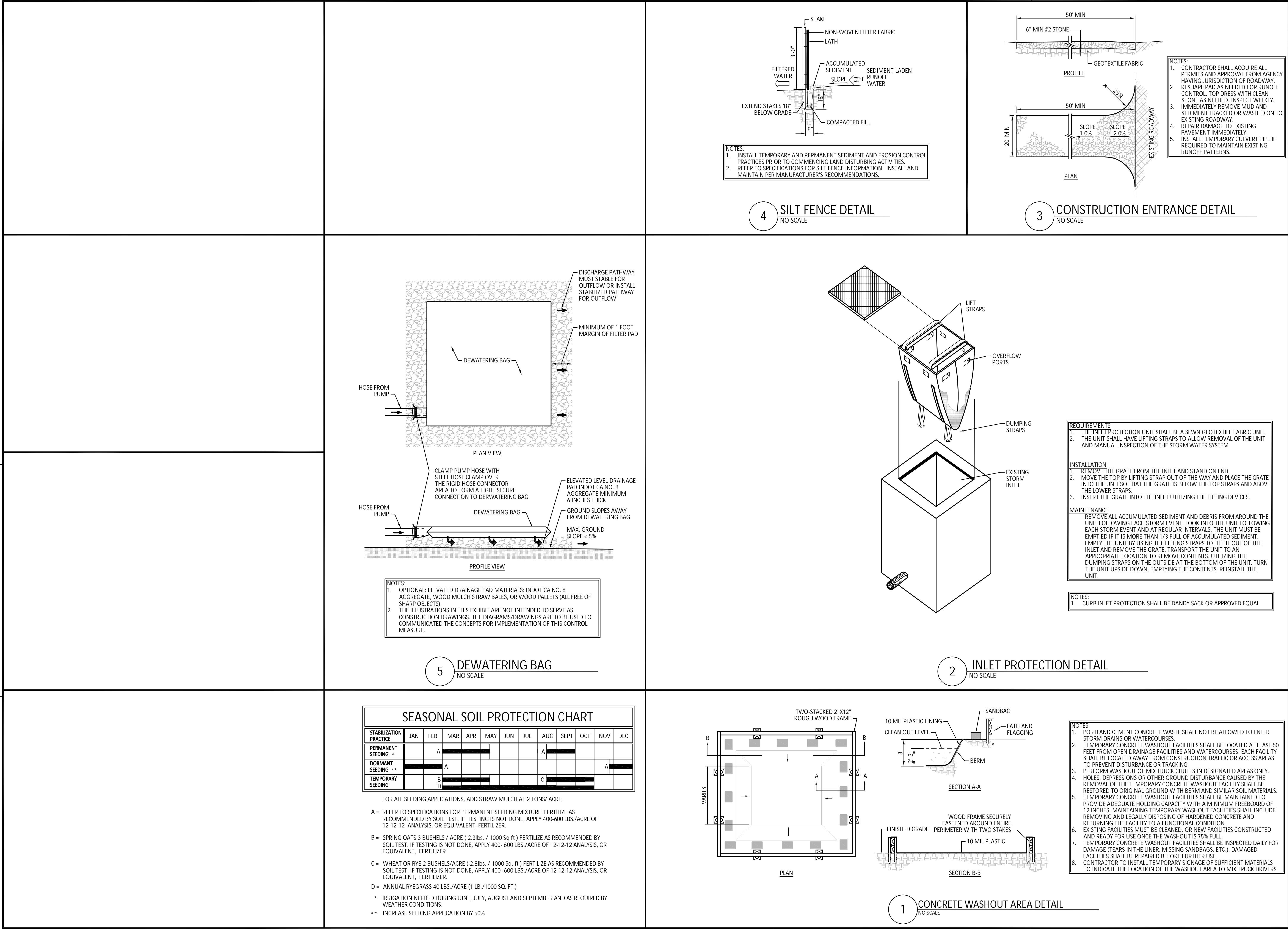


SOILS MAP

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
YbuA	Brookston silty clay loam Urban and complex, 0 to 2 percent slopes	0.2	13.2%
YcuA	Crosby silt loam-Urban land complex, 0 to 2 percent slopes	1.4	86.8%
Totals for Area of Interest		1.6	100.0%

JPS Consulting Engineers - K:\Civl Projects\2024\24JPS083 McCordsville Community Center\Drawings\C100.dwg April 30, 2025 - 10:14 AM NSwanson



JPS CONSULTING ENGINEERS, LLC

9365 Counselors Row, Suite 116
Indianapolis, IN 46240
ph 317.617.4270
www.jpsconsultingengineers.com

REGISTERED PROFESSIONAL ENGINEER

No. PE10200271

STATE OF INDIANA

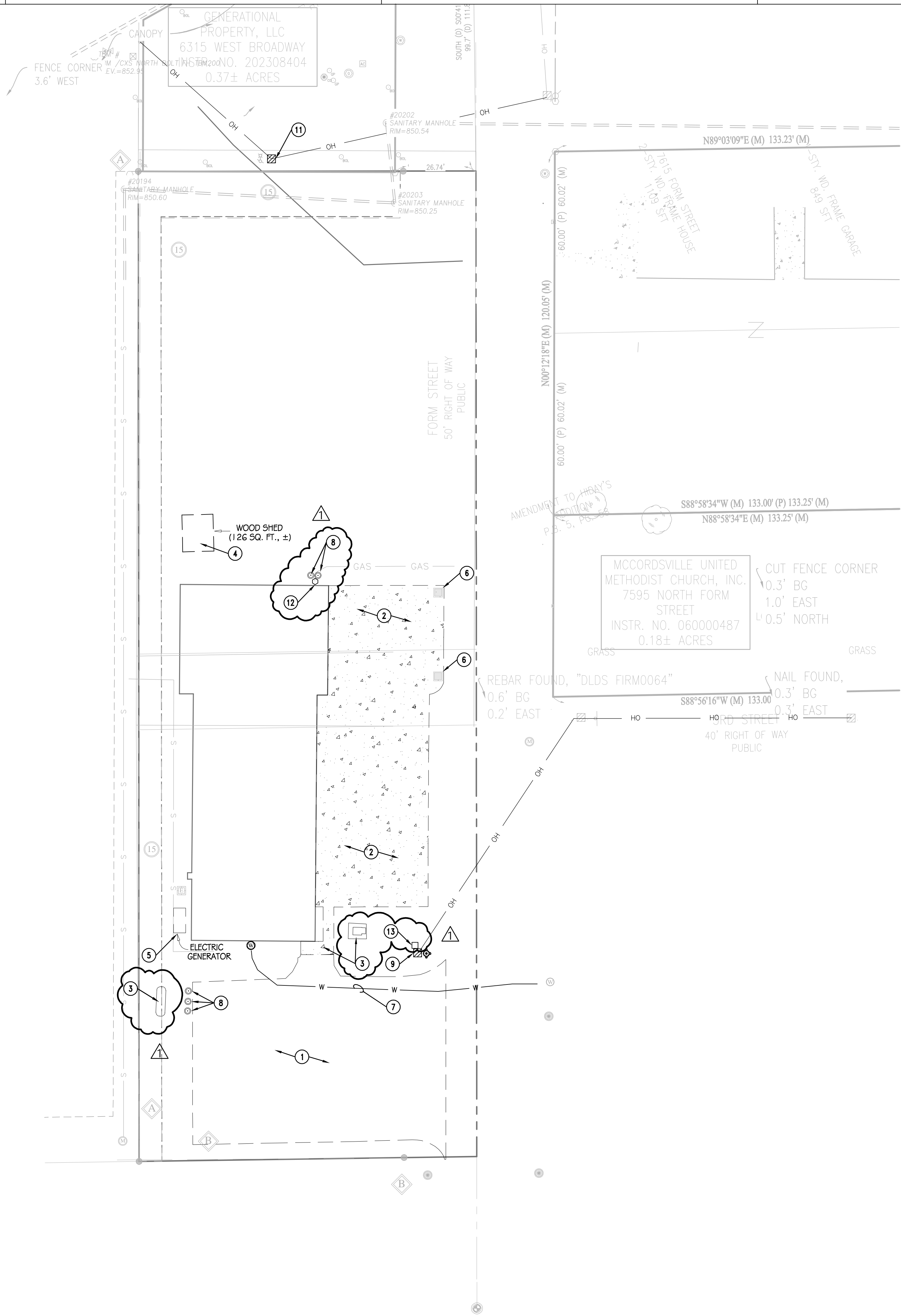
Andrew D. Swanson

Certified By

TOWN OF MCCORDSVILLE
VFD COMMUNITY CENTER

7580 N Form St,
McCordsville, Indiana 46055

5/09/25	ADDENDUM #1
4/11/25	PERMIT/BID SET
MARK	DATE DESCRIPTION
REVISION BLOCK	
PROJECT NO: 24JPS083	
DATE: 4/30/2025	
DRAWN BY: CLM	
CHK'D BY: ADS	
COPYRIGHT 2023 MTM ARCHITECTURE, LLC	
SHEET TITLE	
STORMWATER POLLUTION PREVENTION DETAILS	
C110	



PLAN NOTES

1. REMOVE EXISTING ASPHALT PAVEMENT COMPLETE. MAKE STRAIGHT SAW-CUT AT TERMINATION.
2. REMOVE EXISTING CONCRETE. MAKE STRAIGHT SAW-CUT AT TERMINATION.
3. REMOVE EXISTING CONCRETE WALK. MAKE STRAIGHT SAW-CUT AT NEXT ADJACENT JOINT.
4. REMOVE SHED COMPLETE.
5. REMOVE EXISTING GENERATOR.
6. ADJUST CASTING TO PROPOSED GRADE. SEE GRADING PLAN.
7. REMOVE EXISTING WATER PIPE AND METER COMPLETE.
8. REMOVE EXISTING BOLLARDS
9. REMOVE EXISTING OVERHEAD ELECTRIC POLE AND LINE.
10. REMOVE AND RELOCATE EXISTING FIRE HYDRANT.
11. REMOVE AND RELOCATE EXISTING ELECTRIC POLE AND LINE.
12. REMOVE AND RELOCATE EXISTING GAS METER
13. REMOVE EXISTING ELECTRICAL BOX.

JPS CONSULTING ENGINEERS, LLC

9365 Counselors Row, Suite 116
Indianapolis, IN 46240
ph 317.617.4270
www.jpsconsultingengineers.com

REGISTERED PROFESSIONAL ENGINEER
No. PE10200271
STATE OF INDIANA

Andrew D. Swanson

Certified By

TOWN OF MCCORDSVILLE
VFD COMMUNITY CENTER

7580 N Form St,
McCordsville, Indiana 46055

MARK	DATE	DESCRIPTION
△	5/09/25	ADDENDUM #1
△	4/11/25	PERMIT/BID SET

REVISION BLOCK

PROJECT NO: 24JPS013

DATE: 4/30/2025

DRAWN BY: CLM

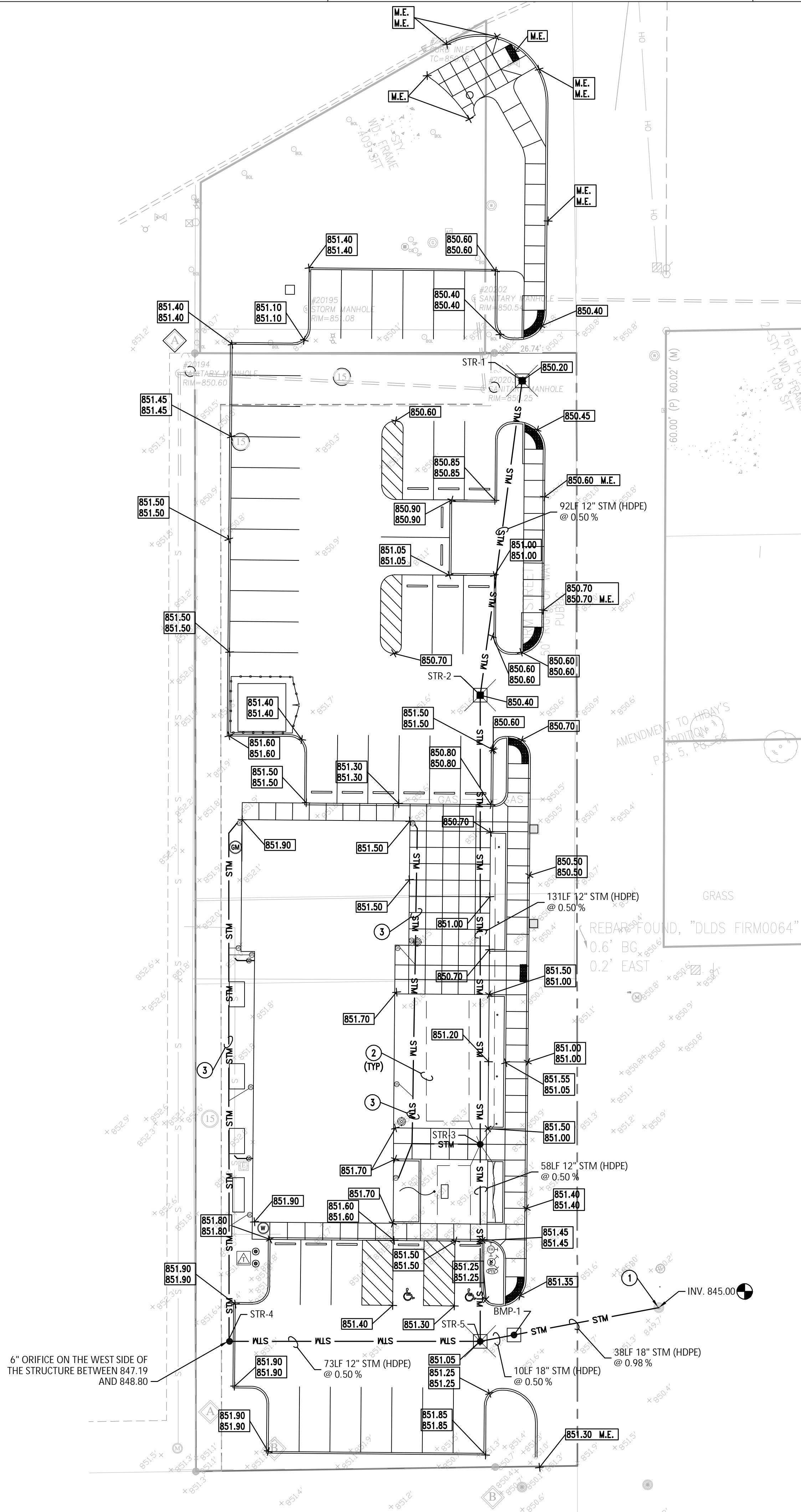
CHK'D BY: ADS

COPYRIGHT 2023
MTM ARCHITECTURE, LLC

SHEET TITLE

SITE DEMOLITION PLAN

C200



GENERAL NOTES

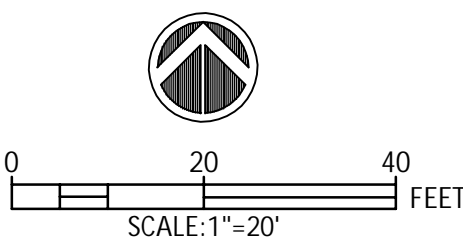
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING, AND VERIFYING, THAT ALL PERMITS AND APPROVALS ARE OBTAINED FROM THE RESPECTIVE CITY, COUNTY, STATE AND FEDERAL AGENCIES PRIOR TO STARTING CONSTRUCTION.
- CONTRACTOR SHALL VERIFY LOCATION AND INVERT ELEVATIONS OF EXISTING SEWERS PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL MAINTAIN A COMPLETE AND OPERABLE UTILITY SYSTEM AT ALL TIMES.
- CONTRACTOR SHALL INCLUDE COSTS FOR CUTTING AND PATCHING AS REQUIRED IN THEIR BID PROPOSAL TO COMPLETELY INSTALL THE WORK INDICATED.
- CONTRACTOR SHALL INCLUDE ALL TAP FEES, PERMIT FEES AND APPLICATION FEES IN THEIR BID PROPOSAL AS NECESSARY TO COMPLETELY INSTALL THE WORK INDICATED.
- INFORMATION SHOWN WAS OBTAINED FROM AN OWNER FURNISHED SITE SURVEY OF EXISTING CONDITIONS AND IS UNCONFIRMED. CONTRACTOR IS REQUIRED TO FIELD VERIFY THIS INFORMATION AND NOTIFY ARCHITECT OF ANY DISCREPANCIES SO MODIFICATION CAN BE MADE.
- CONTRACTOR SHALL COORDINATE EXACT UTILITY LOCATIONS WITH THE OWNER AND LOCAL UTILITY COMPANIES PRIOR TO COMMENCING ANY WORK. UTILIZE THE INDIANA UNDERGROUND UTILITY LOCATION SERVICE AT 811 OR 800-382-5544 PRIOR TO ANY EXCAVATION ON THE SITE.

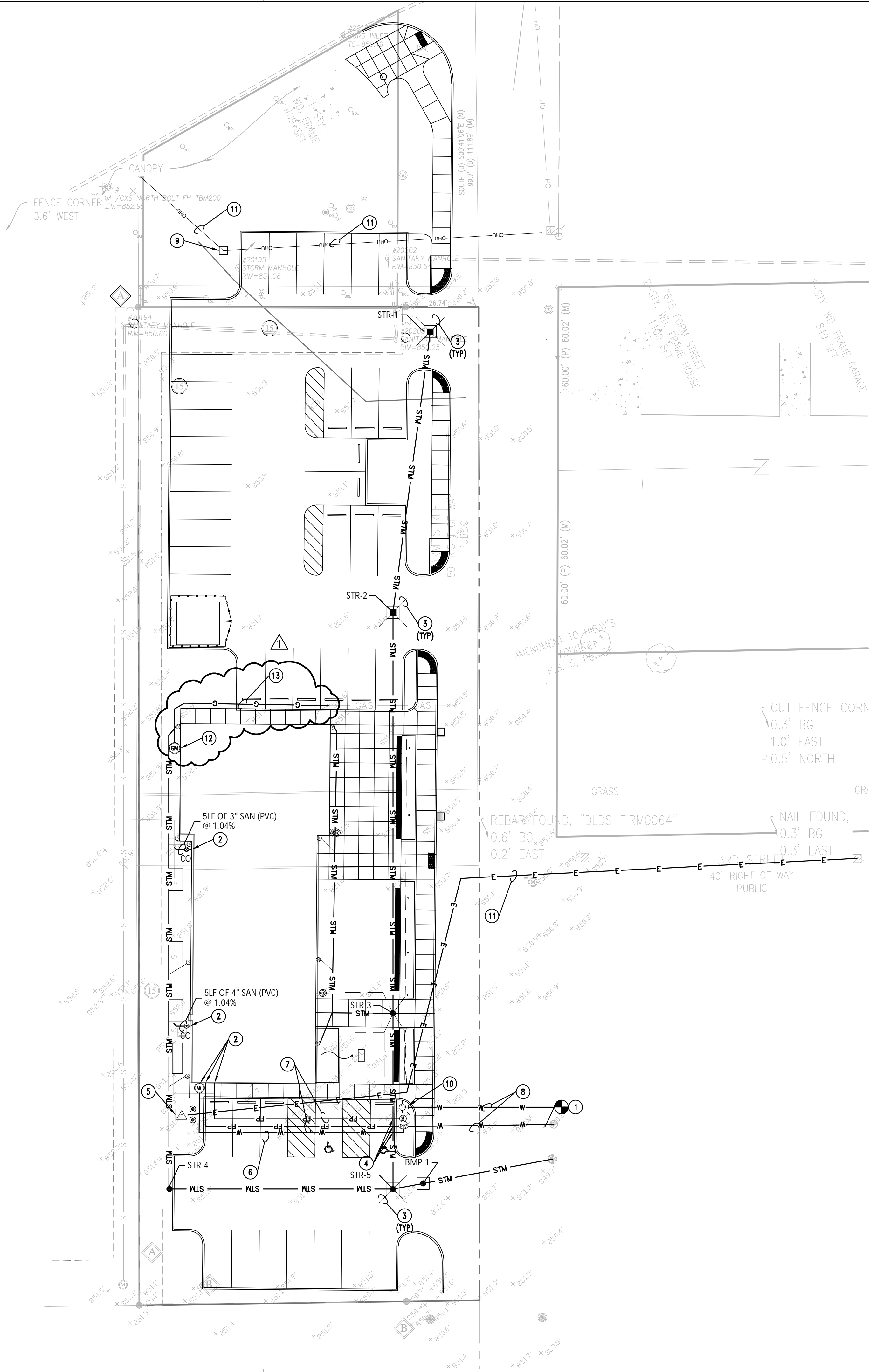
PLAN NOTES

- CONTRACTOR TO FIELD VERIFY EXISTING STORM SEWER LOCATION, ELEVATION AND SIZE.
- NEW SUBSURFACE DRAIN.
- 6" HDPE DOWNSPOUT SUBSURFACE DRAIN.

STRUCTURE SCHEDULE

MARK	INVERT		CASTING		STRUCTURE	
	INLET	OUTLET	ELEVATION	TYPE	TYPE	DETAIL
STR-1	-	846.99	850.20	R-3445	INLET	C410
STR-2	846.62	846.62	850.40	R-3445	INLET	C410
STR-3	845.83	845.83	851.20	R-1772	MANHOLE	C410
STR-4	-	846.51	851.80	R-1772	INLET	C410
STR-5	W 846.04 N 845.79	845.54	851.05	R-3445	MANHOLE	C410
BMP-1	845.49	845.39	851.05	SEE DETAIL	SSET-5	C411



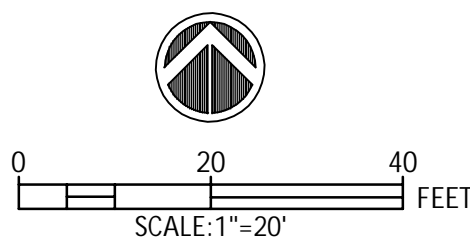


GENERAL NOTES

- REFER TO UTILITY DETAILS FOR NOTE REFERENCES.
- ALL CASTINGS SHALL HAVE THE WORDS "NO DUMPING DRAINS TO STREAM" CAST IN RAISED OR RECESSED LETTERS AT A MINIMUM OF 1" HEIGHT. A SYMBOL OF A FISH SHALL ALSO BE CAST WITH THE LETTERS.
- CASTINGS TO BE NEENAH TYPE OR APPROVED EQUAL.
- CONTRACTOR TO VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION.

PLAN NOTES

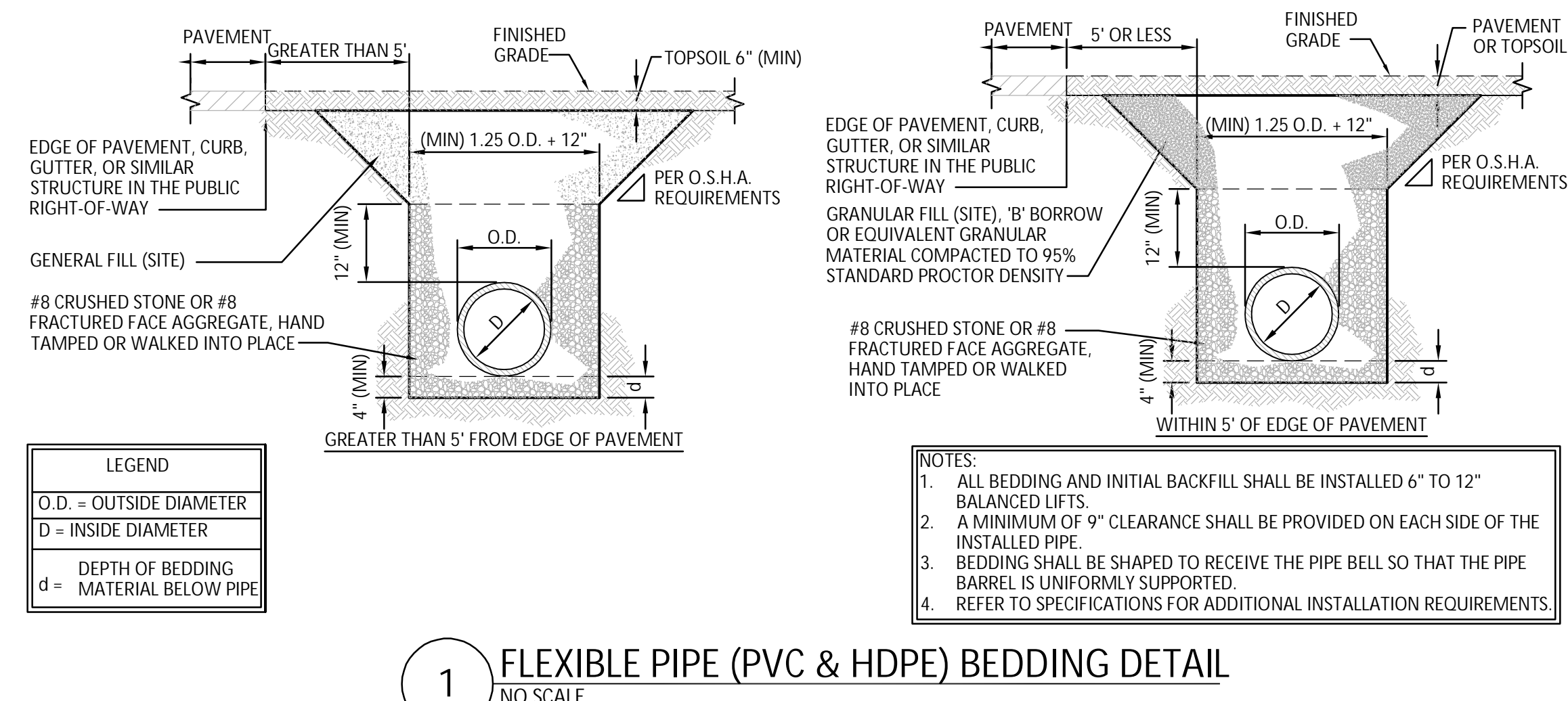
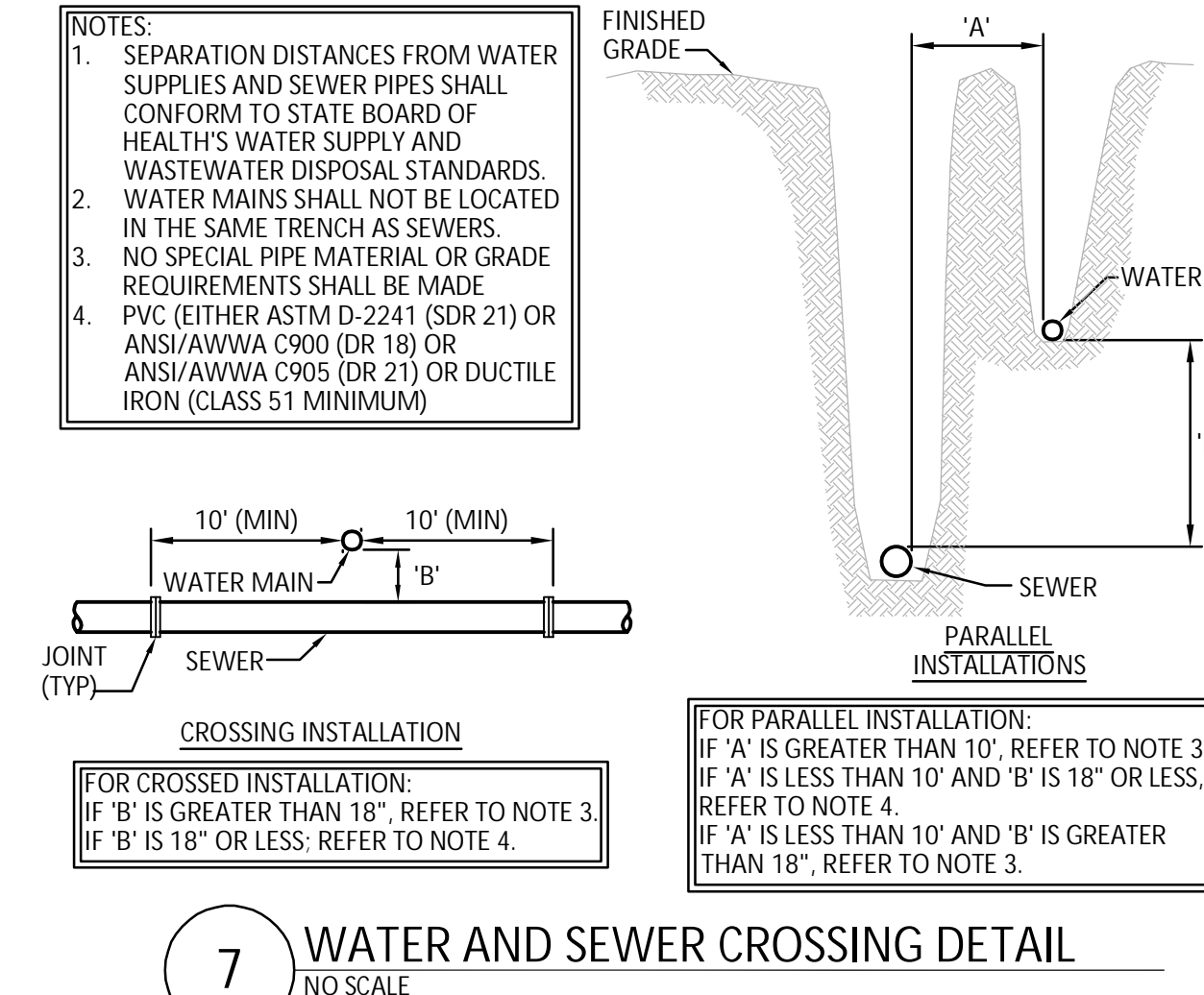
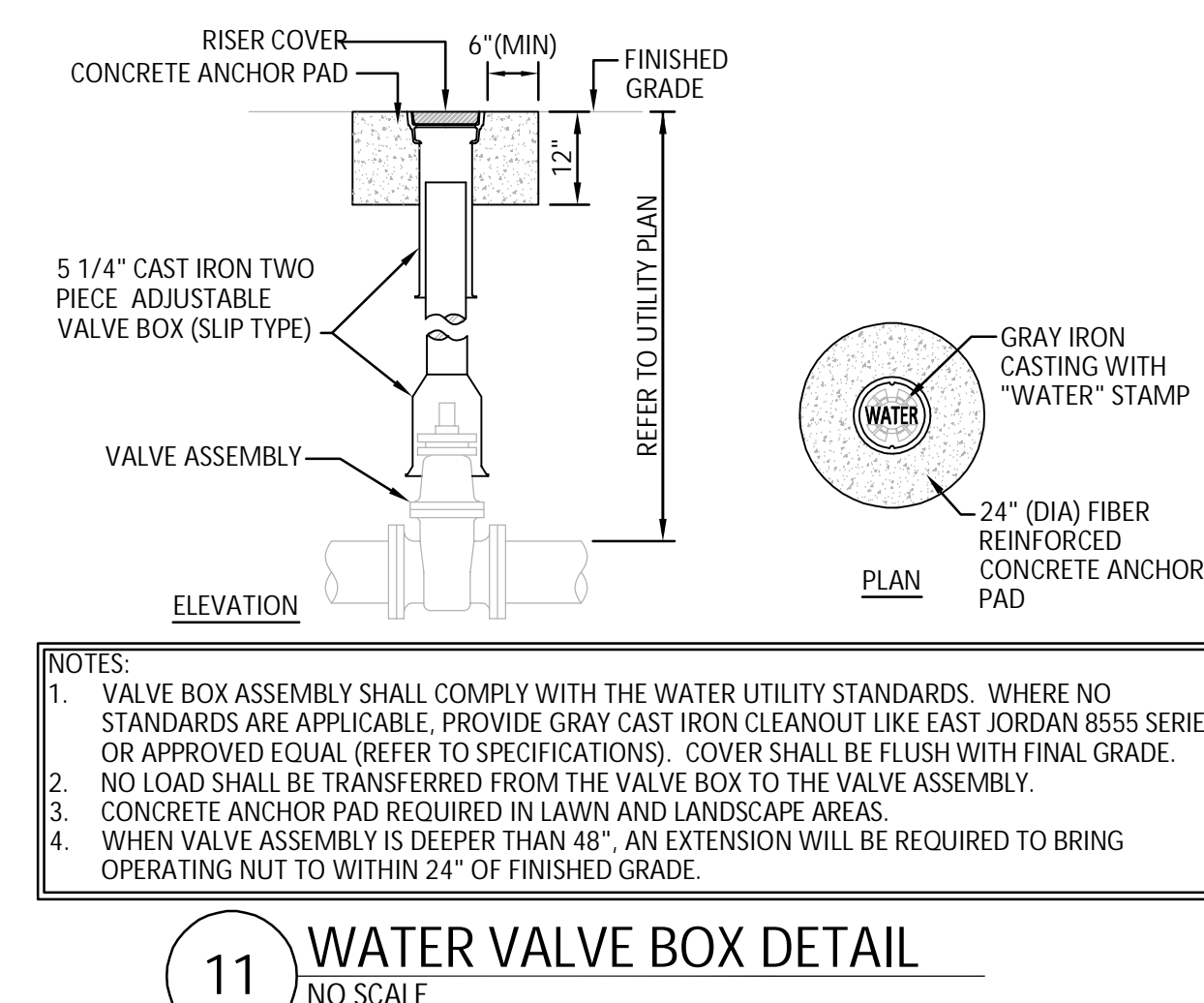
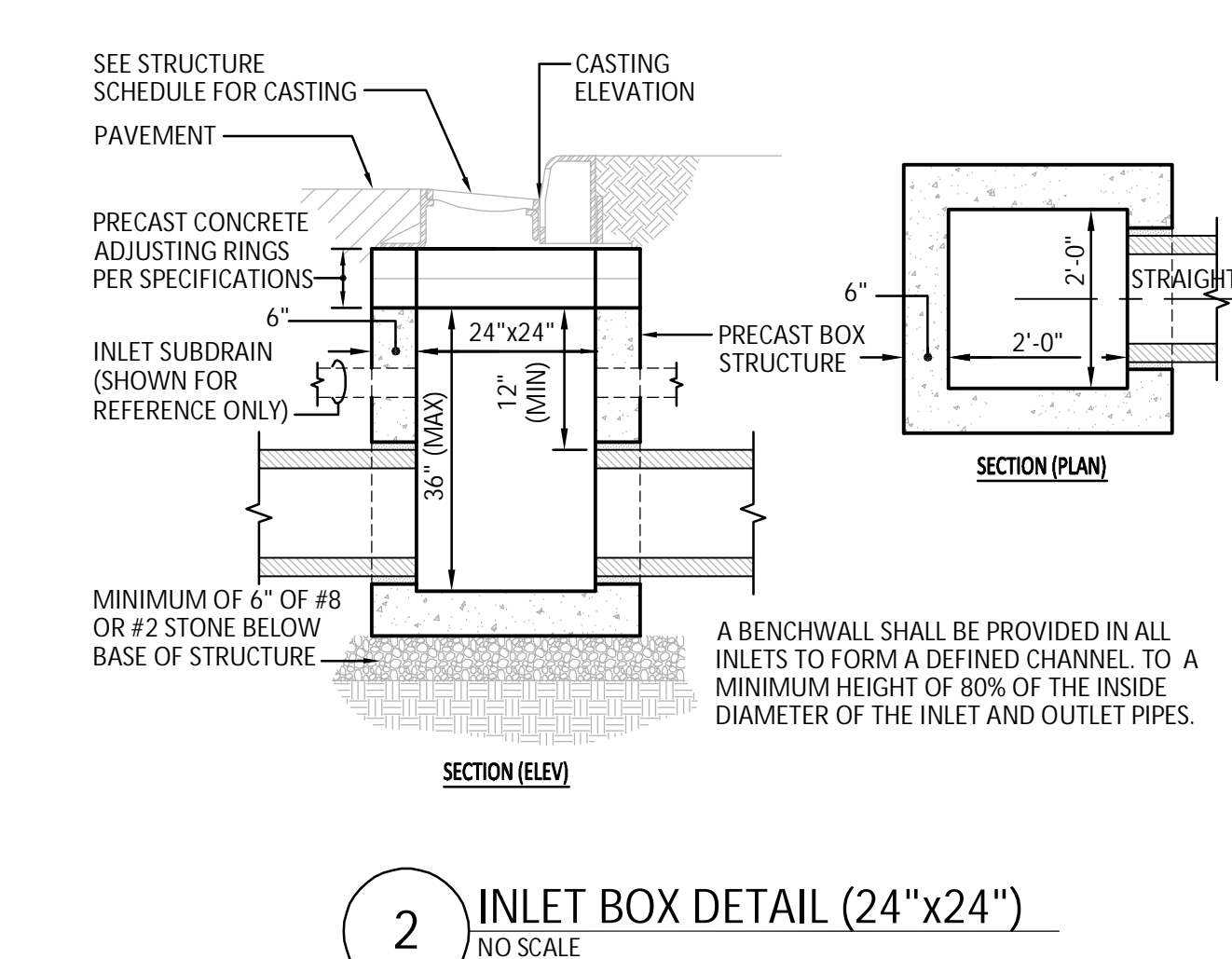
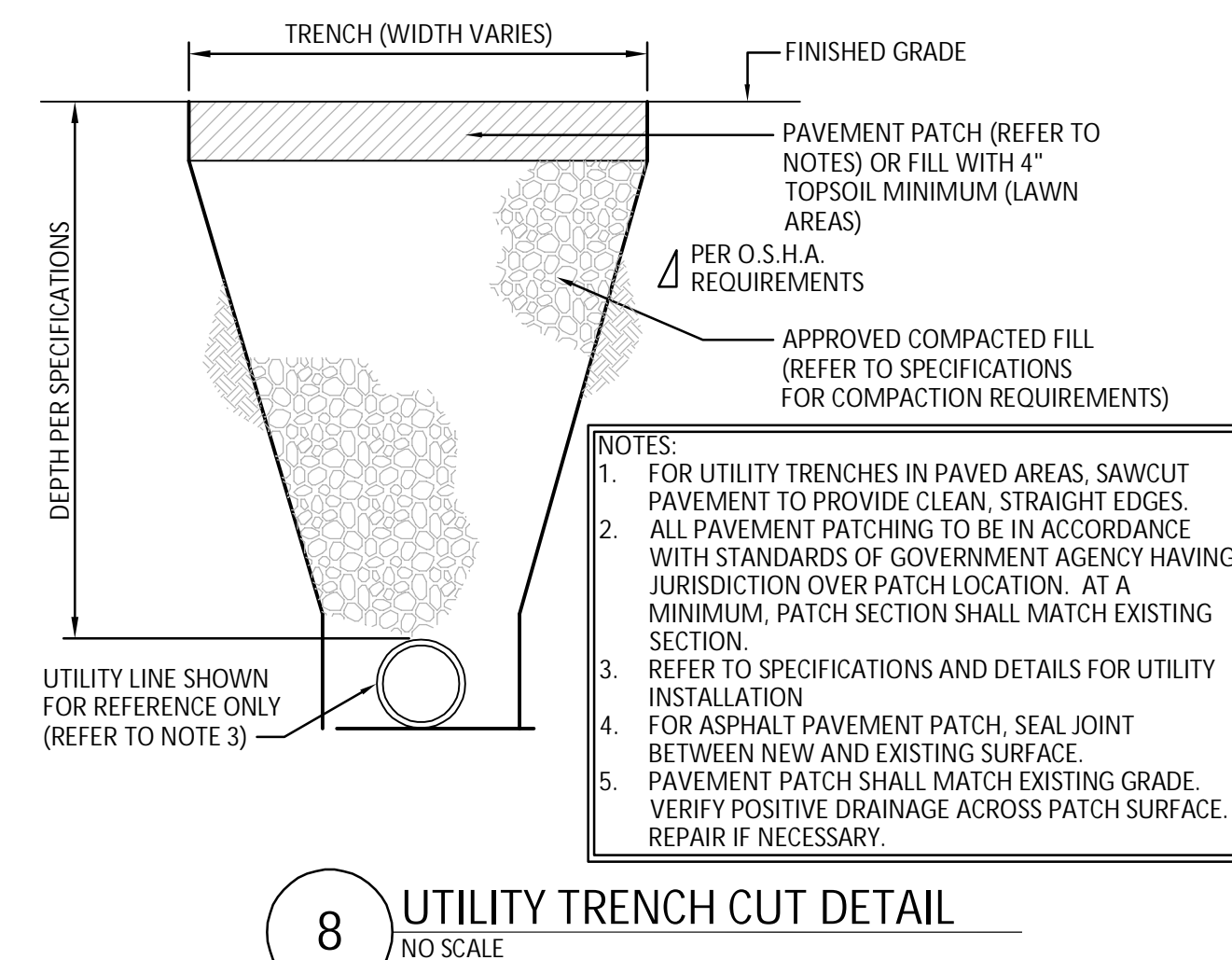
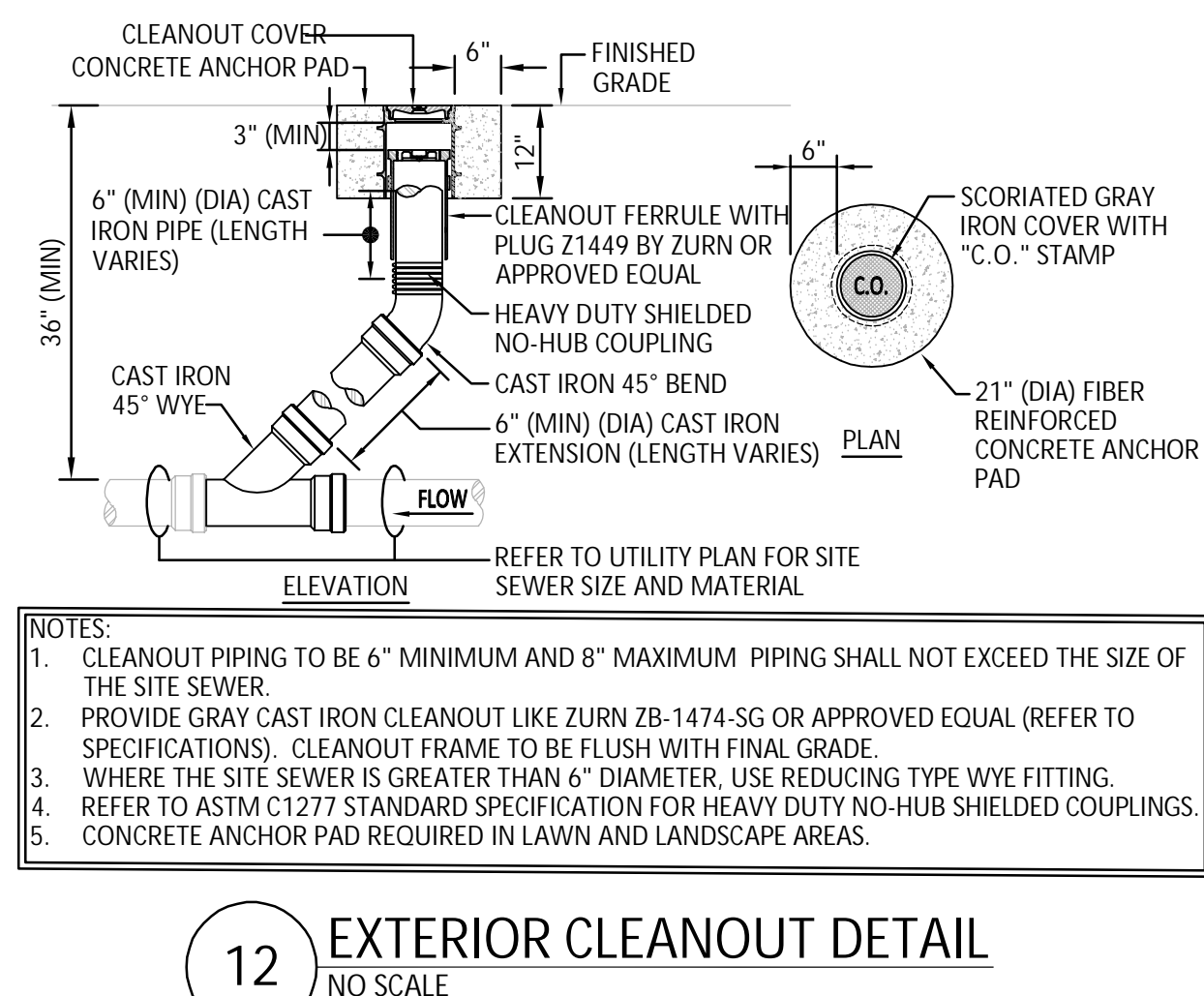
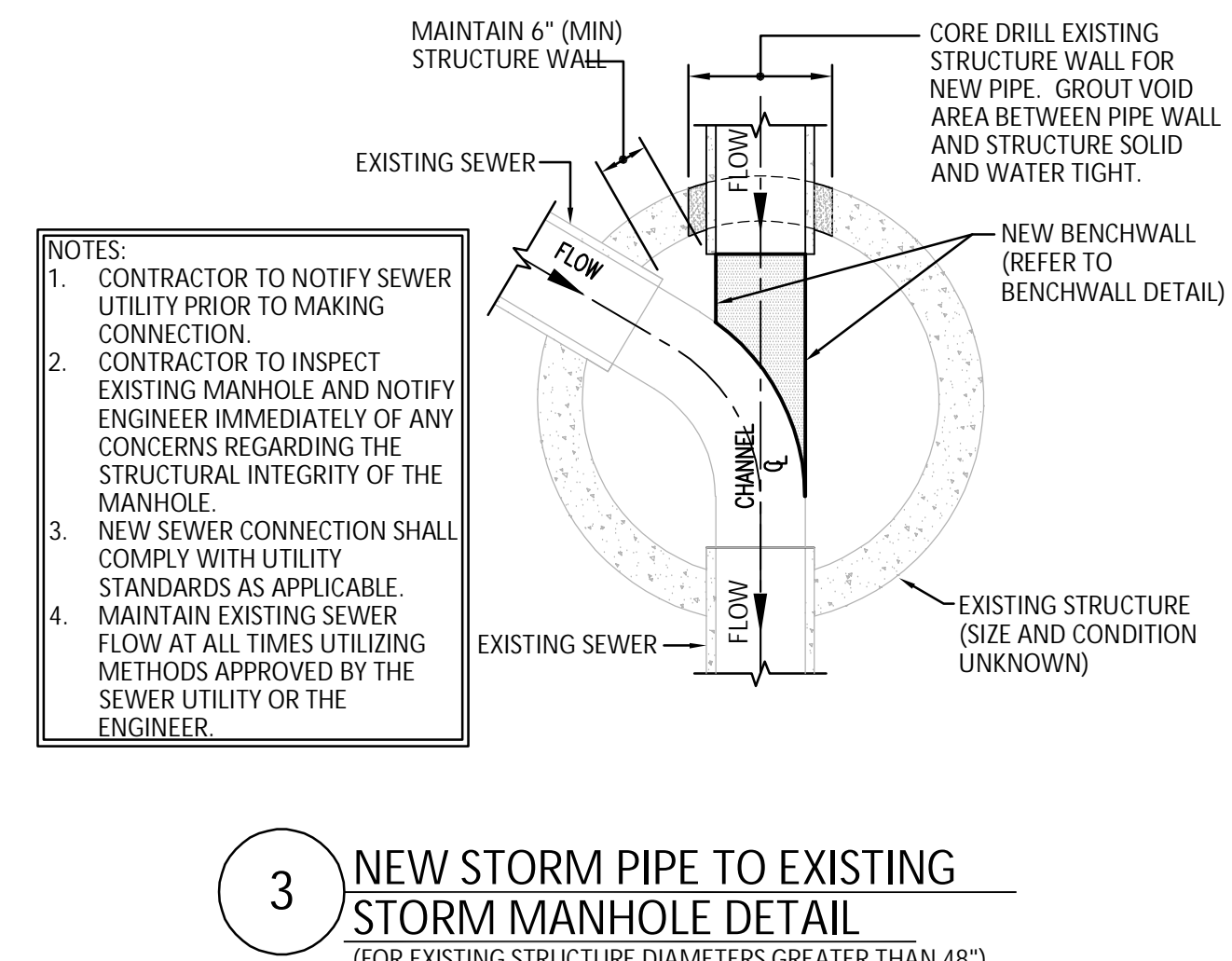
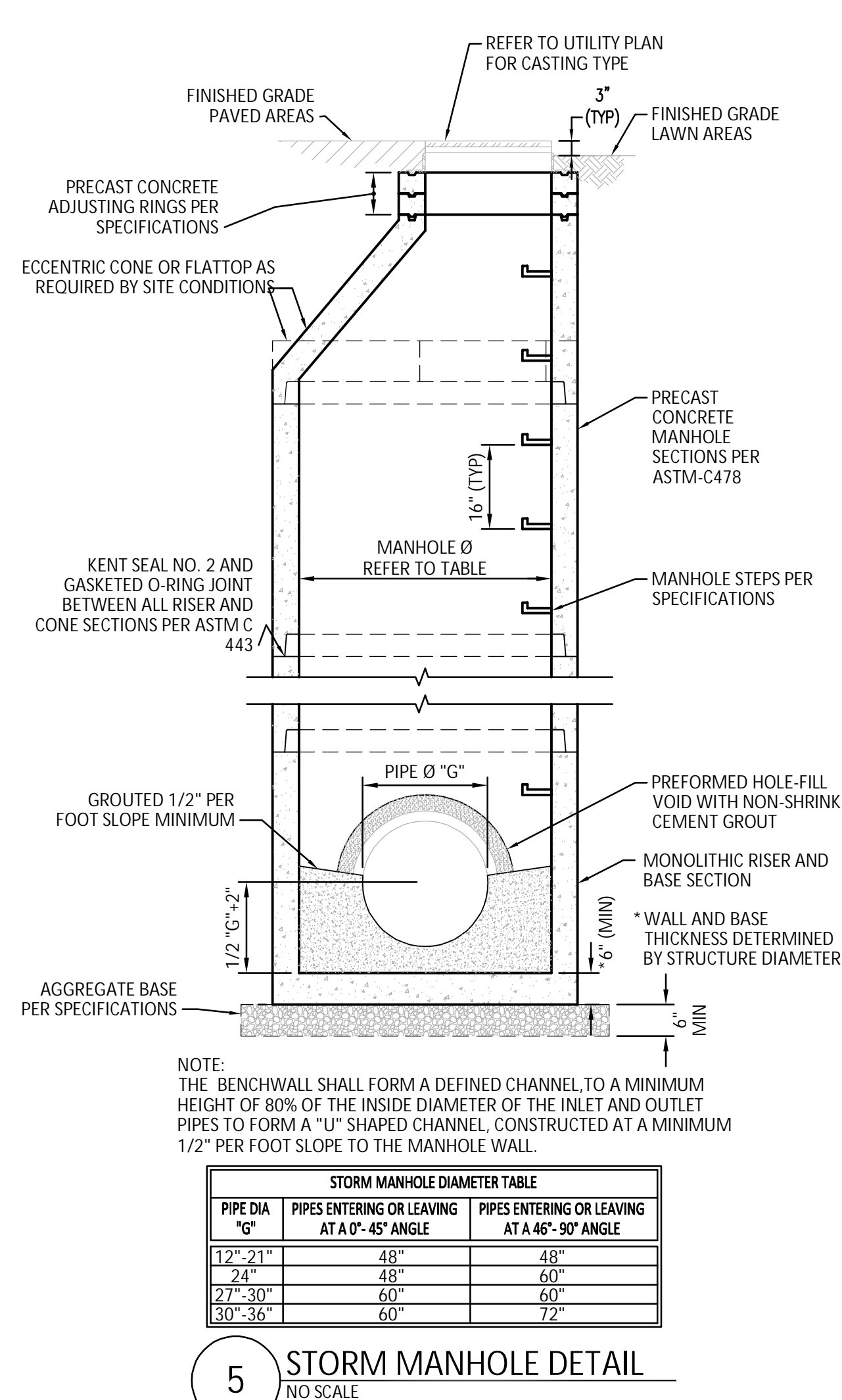
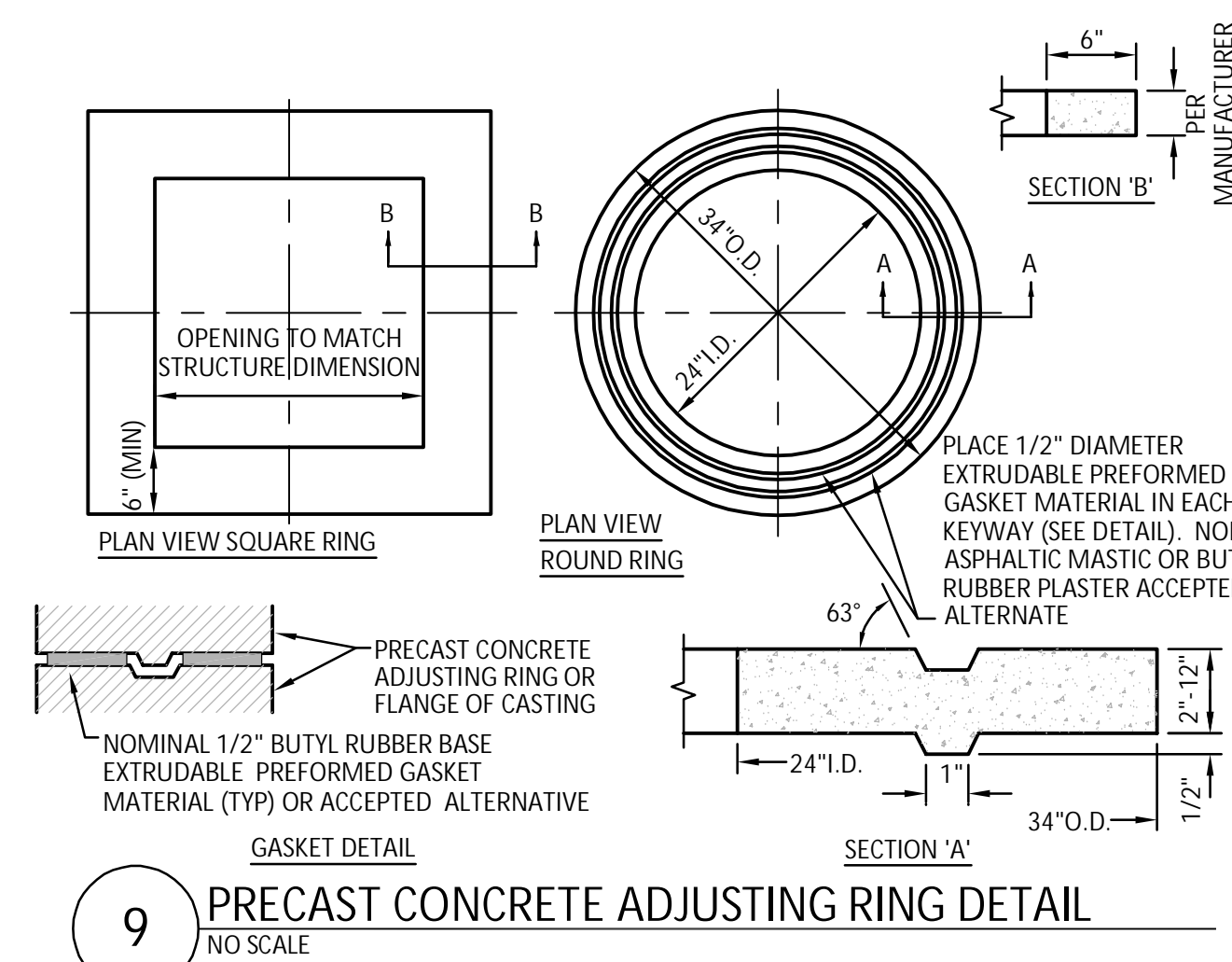
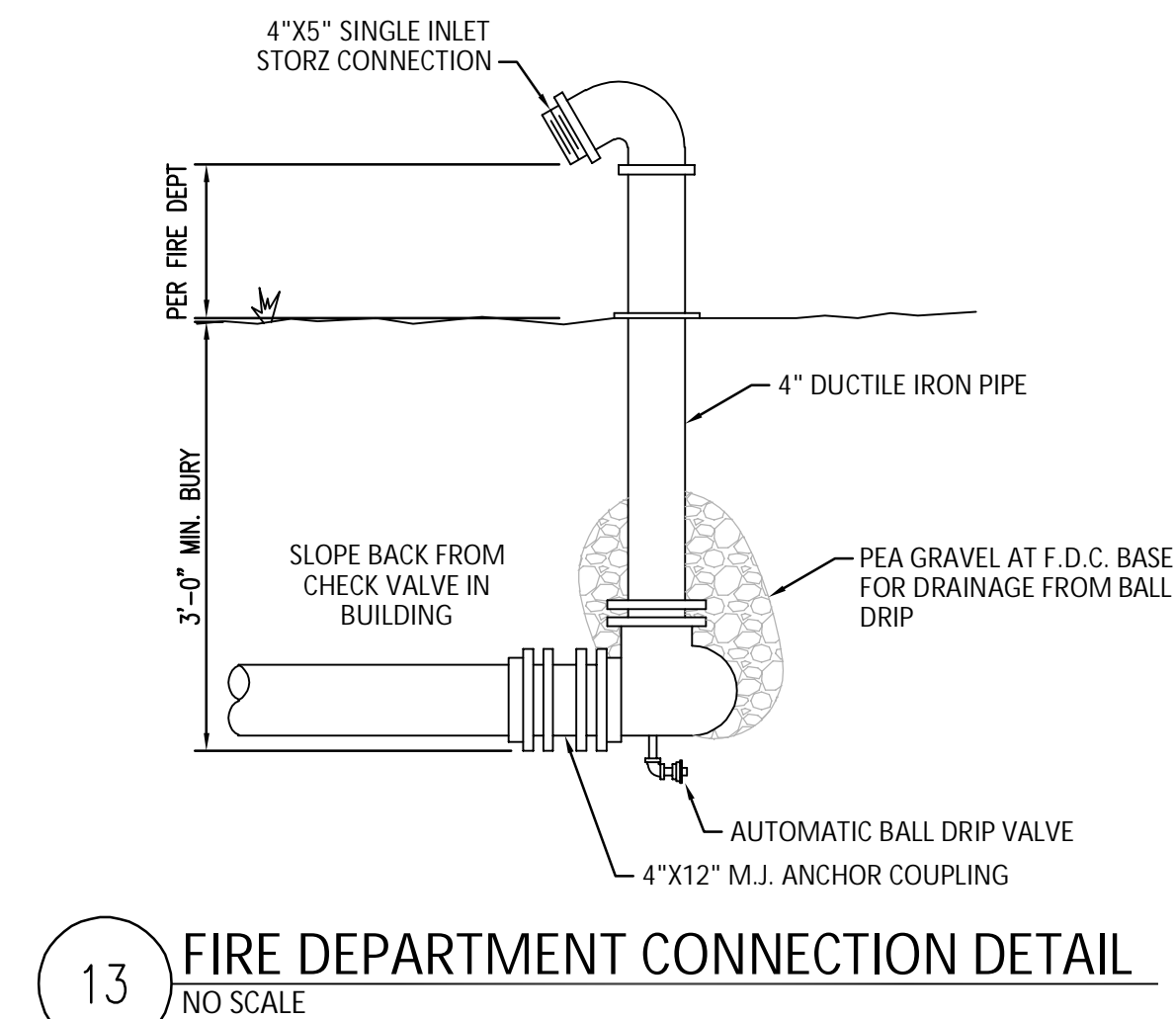
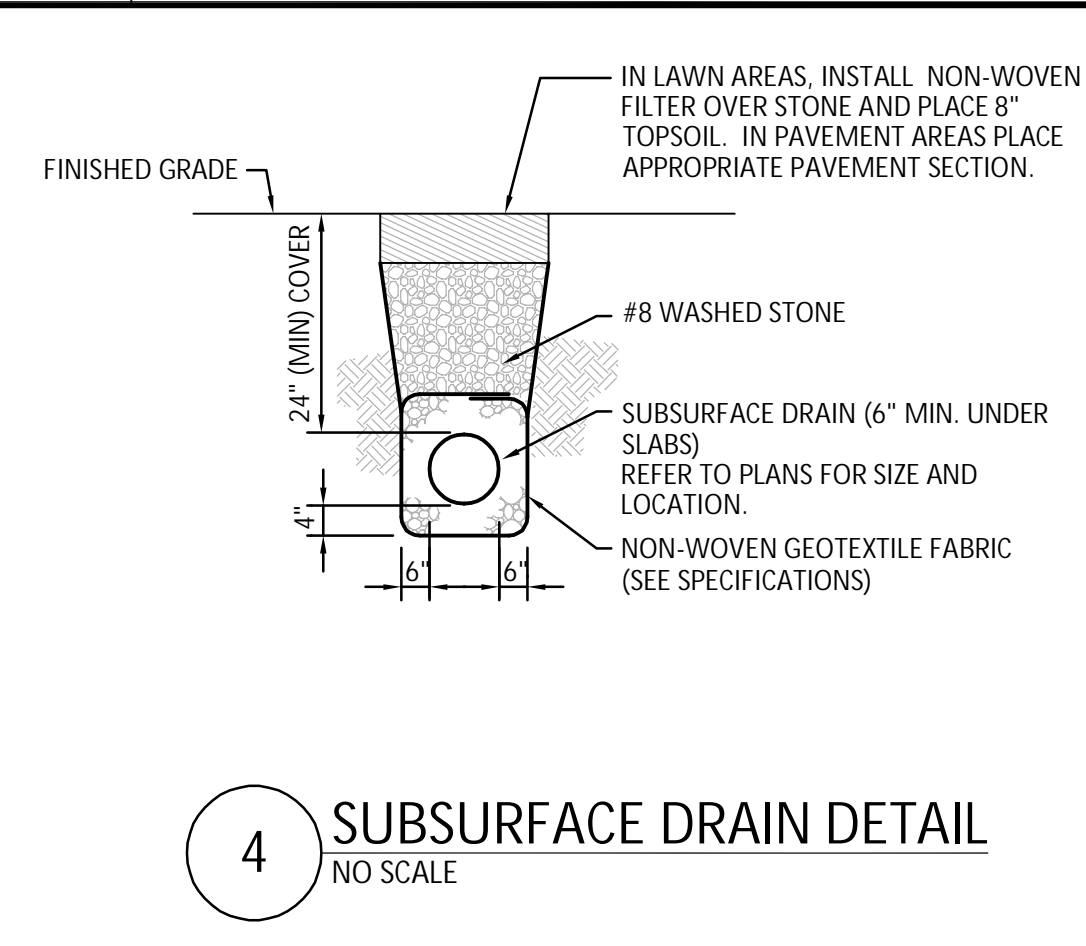
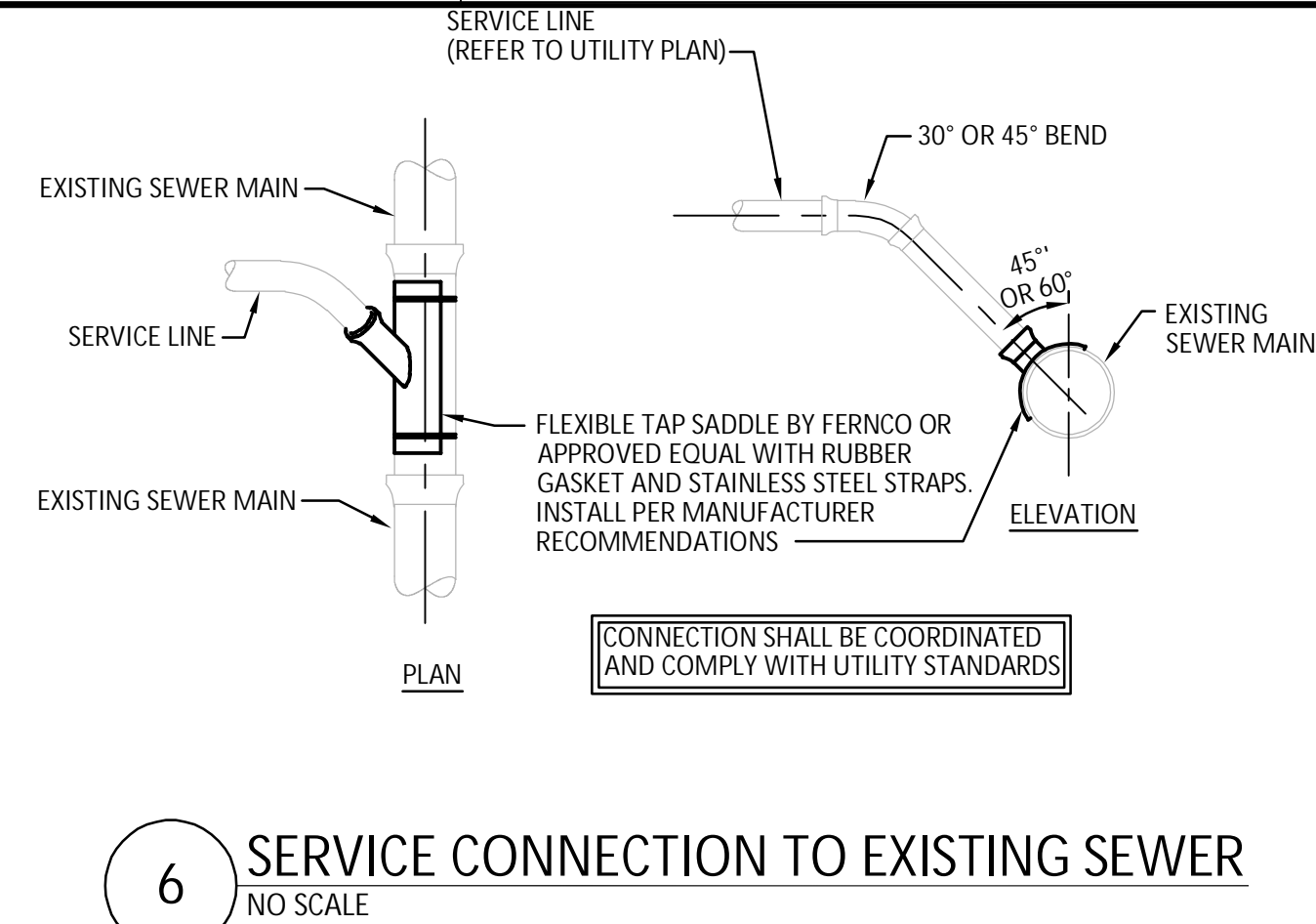
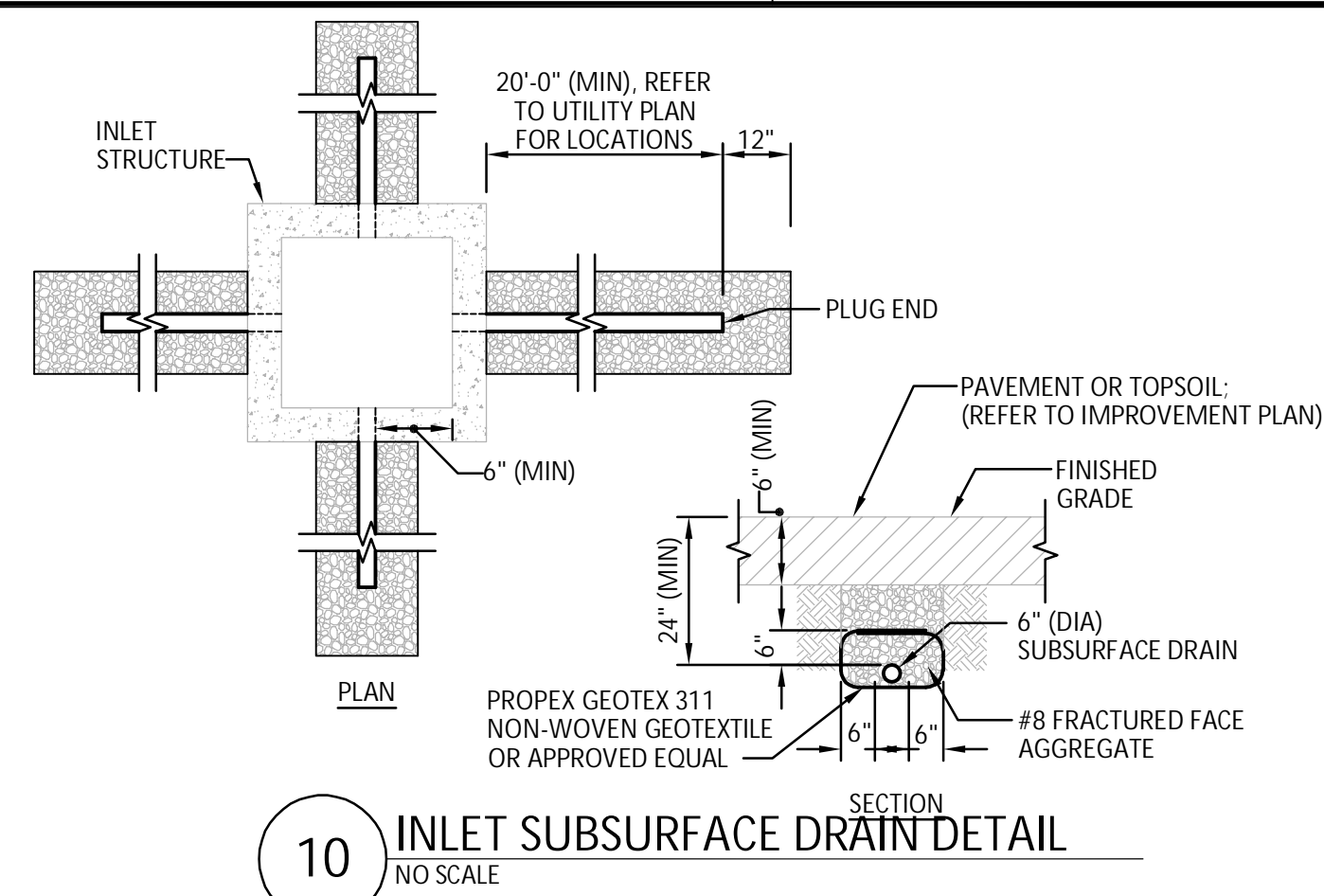
- CONTRACTOR TO FIELD VERIFY EXISTING SEWER LOCATION, ELEVATION AND SIZE.
- COORDINATE SIZE, LOCATION AND ELEVATION OF PIPING WITH PLUMBING PLANS.
- NEW INLET SUBSURFACE DRAIN.
- WATER AND SEWER CROSSING, MINIMUM 18" CLEARANCE OR USE CONCRETE CRADLE.
- NEW TRANSFORMER AND PRIMARY ELECTRIC SERVICE. COORDINATE WITH UTILITY COMPANY.
- NEW 2" DOMESTIC WATER.
- NEW 6" FIRE PROTECTION LINE.
- NEW 6" WATER LINE.
- NEW OVERHEAD ELECTRIC POLE.
- NEW FIRE HYDRANT.
- RELOCATED ELECTRIC LINE.
- NEW GAS METER.
- EXTEND EXISTING GAS SERVICE.





△	5/09/25	ADDENDUM #1
△	4/11/25	PERMIT/BID SET
MARK	DATE	DESCRIPTION

REVISION BLOCK		
PROJECT NO: 24JPS013		
DATE: 4/30/2025		
DRAWN BY: CLM		
CHK'D BY: ADS		
COPYRIGHT 2023 MTM ARCHITECTURE, LLC		

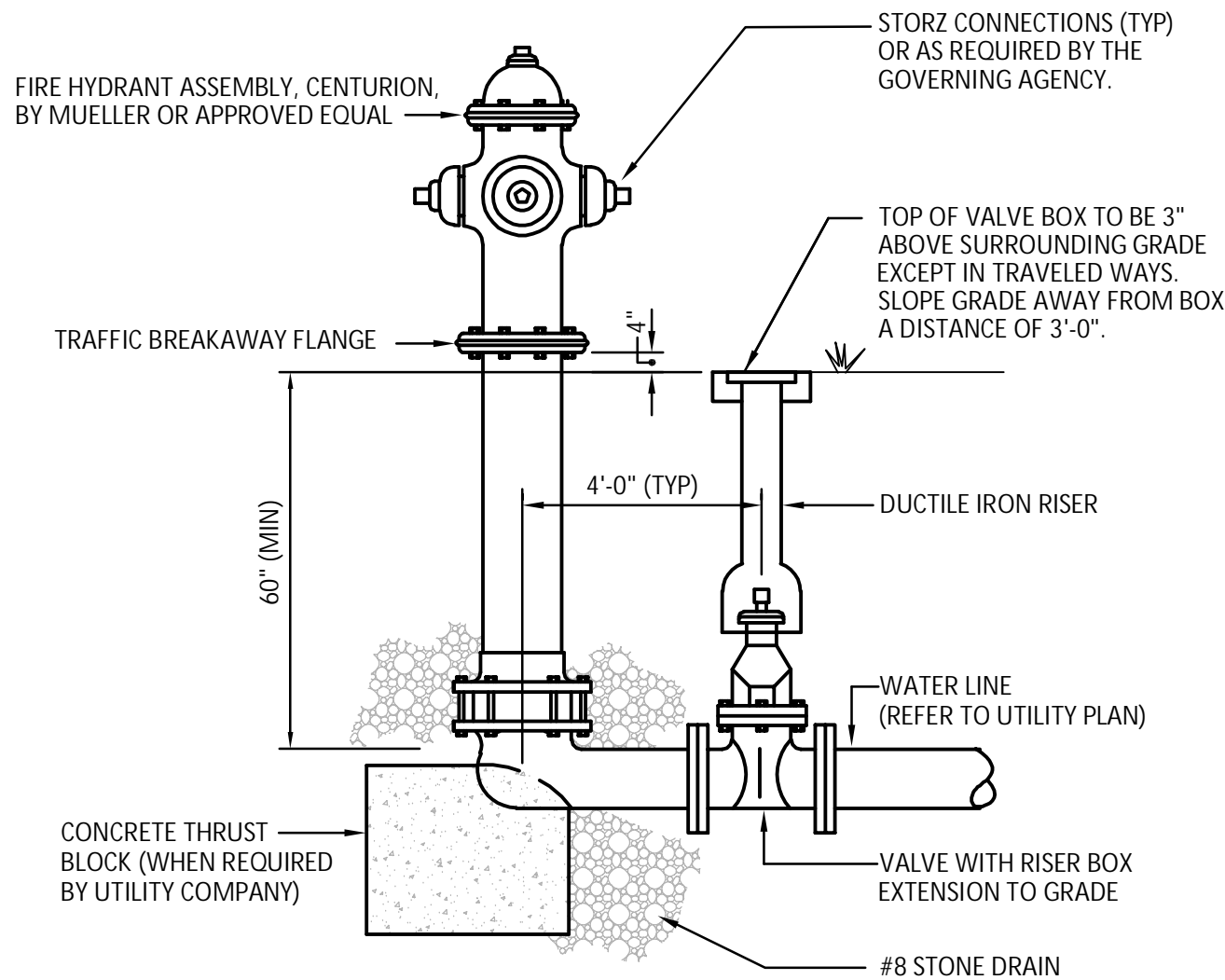
SHEET TITLE		
SITE UTILITY PLAN		



	5/09/25	ADDENDUM #1
	4/11/25	PERMIT/BID SET
MARK	DATE	DESCRIPTION

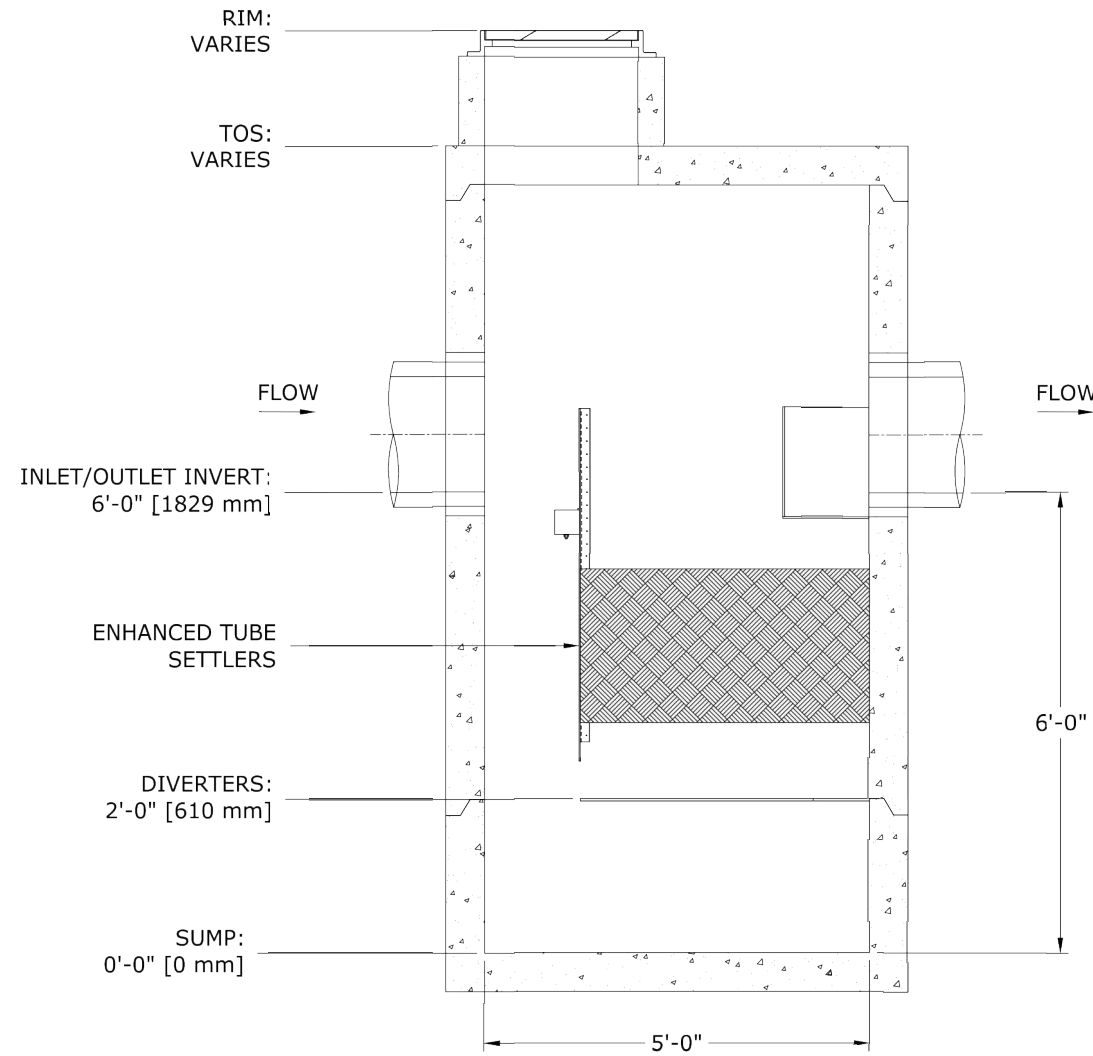
REVISION BLOCK

PROJECT NO:	24JPSC83
DATE:	4/30/2025
DRAWN BY:	CLM
CHK'D BY:	ADS
COPYRIGHT 2023 MTM ARCHITECTURE, LLC	
SHEET TITLE	



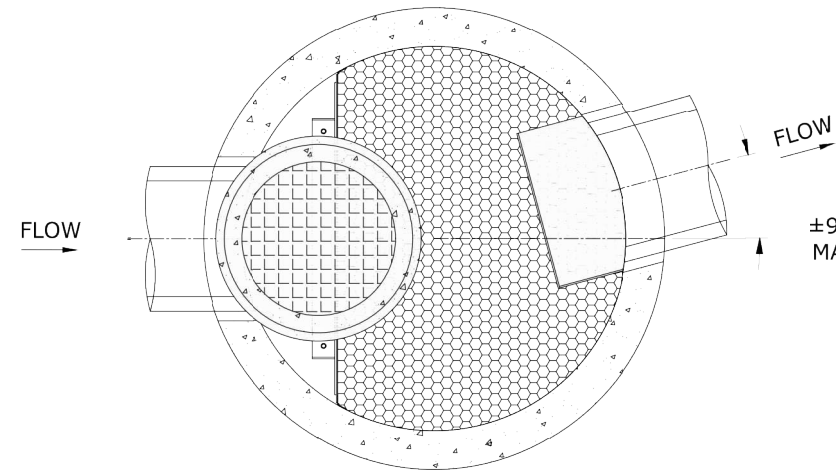
- NOTES:
1. HYDRANTS SHALL CONFORM TO SPECIFICATIONS OF THE GOVERNING AGENCY (WATER UTILITY AND/OR FIRE DEPARTMENT).
 2. CHECK WITH LOCAL WATER COMPANY AND/OR FIRE DEPT. FOR COLOR REQUIREMENTS.
 3. HYDRANTS MUST BE CHECKED BY A LOCAL FIRE DEPT. REPRESENTATIVE PRIOR TO INSTALLATION.
 4. INSTALLATION SHALL CONFORM TO NFPA 24.
 5. COORDINATE VALVE-TURN DIRECTION WITH THE LOCAL WATER COMPANY AND/OR FIRE DEPARTMENT.
 6. PROVIDE (4) 6\"/>
 7. PROVIDE FLOW RATE (GPM) FOR ALL NEW HYDRANTS AND FIRE DEPARTMENT CONNECTIONS.

1 FIRE HYDRANT DETAIL
NO SCALE



ELEVATION VIEW
N.T.S.

DRAWINGS ARE FOR REFERENCE ONLY AND SHALL NOT BE USED FOR CONSTRUCTION PURPOSES.



PLAN VIEW
N.T.S.

SITE SPECIFIC DATA			
STRUCTURE ID	SSET-5		
WATER QUALITY FLOW RATE (CFS)	-		
PEAK FLOW RATE (CFS)	-		
SEDIMENT STORAGE CAPACITY (CF)	22.9		
RIM ELEVATION	-		
PIPE DATA	I.E.	MATERIAL	DIAMETER
INLET PIPE	-	-	30" OR LESS
OUTLET PIPE	-	-	30" OR LESS

- DESIGN NOTES:**
1. DESIGN LOADING
 - a. LOAD RATING: AASHTO HS-20
 - b. ALLOWABLE COVER: 0.50' [152 mm] TO 5.00' [1524 mm]. CONTACT STORMTRAP FOR ADDITIONAL COVER OPTIONS.
 - c. WATER TABLE AT OR BELOW OUTLET PIPE INVERT ELEVATION.
 - d. NO LATERAL SURCHARGE FROM ADJACENT STRUCTURES SUCH AS VEGETATION, BUILDINGS, WALLS, OR FOUNDATIONS.
 2. ENGINEER OF RECORD TO CONFIRM THE DESIGN LOADINGS MEET PROJECT REQUIREMENTS. CONTACT STORMTRAP FOR ALTERNATIVE DESIGN LOAD OPTIONS.

- GENERAL NOTES:**
1. FOR SITE SPECIFIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS, WEIGHTS, AND ACCESSORIES, PLEASE CONTACT YOUR STORMTRAP REPRESENTATIVE.
 2. CONCRETE COMPONENTS SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C478.
 3. CONTRACTOR TO INSTALL THE STRUCTURE IN ACCORDANCE WITH ASTM C1821.
 4. CONTRACTOR TO PROVIDE ALL LABOR AND EQUIPMENT REQUIRED TO OFFLOAD AND INSTALL UNIT.
 5. CONTRACTOR TO PROVIDE AND INSTALL ALL PIPES, FRAMES, COVERS, HATCHES, AND RISERS UNLESS SPECIFIED OTHERWISE.
 6. CONTRACTOR TO ADD JOINT SEALANT (PROVIDED BY STORMTRAP) BETWEEN ALL STRUCTURE SECTIONS.

StormSettler™
STORMSETTLER 5 STANDARD DETAIL

StormTrap®
PATENTS LISTED AT: (HTTP://STORMTRAP.COM/PATENT)
1287 WINDHAM PARKWAY
ROMEDEVILLE, IL 60446
P:815-941-4549
F:331-318-5347

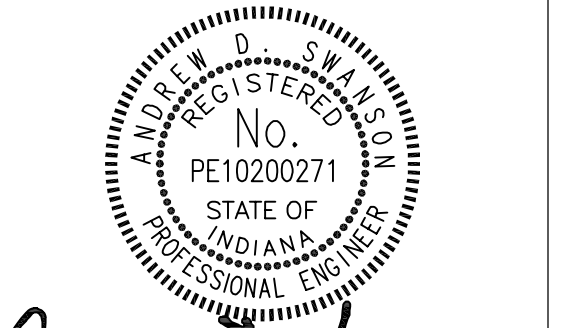
DRAWN BY: TJF

DATE: 6/27/24

SCALE: N.T.S.

V1

SHEET 1 OF 1



Andrew D. Swanson
Certified By

**TOWN OF MCCORDSVILLE
VFD COMMUNITY CENTER**
7580 N Form St,
McCordsville, Indiana 46055

MARK	DATE	DESCRIPTION
△	5/09/25	ADDENDUM #1
△	4/11/25	PERMIT/BID SET

PROJECT NO:	24JPS083
DATE:	4/30/2025
DRAWN BY:	CLM
CHK'D BY:	ADS
COPYRIGHT 2023	MTM ARCHITECTURE, LLC

SHEET TITLE



**SITE
UTILITY
DETAILS**

C411



Andrew J. Furman

TOWN OF MCCORDSVILLE
VFD COMMUNITY CENTER
7580 N Form St,
McCordsville, Indiana 46055

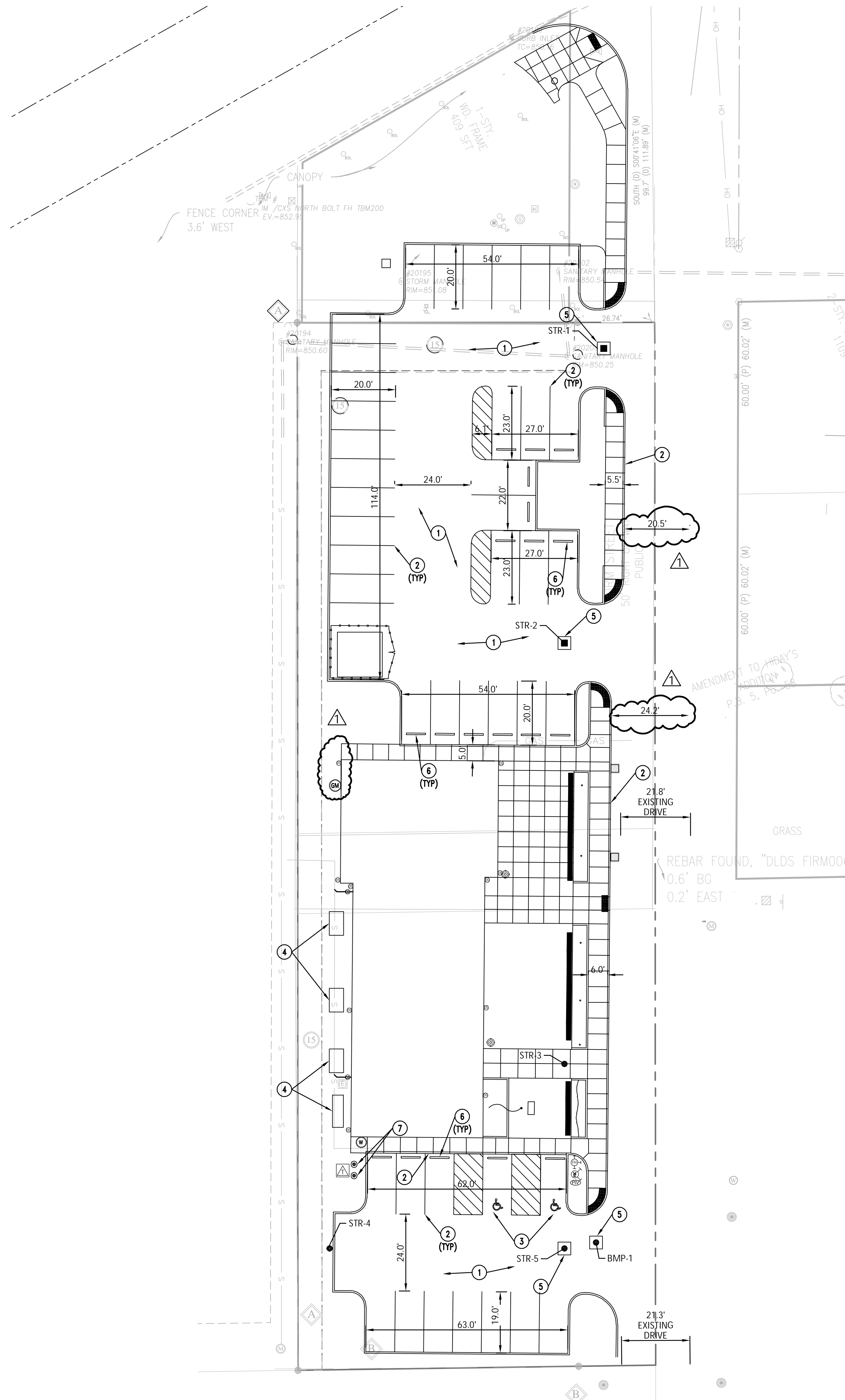
	5/09/25	ADDENDUM #1
	4/11/25	PERMIT/BID SET
MARK	DATE	DESCRIPTION
REVISION BLOCK		

PROJECT NO:	24JPSC83
DATE:	4/30/2025
DRAWN BY:	CLM
CHK'D BY:	ADS
COPYRIGHT 2023 MTM ARCHITECTURE, LLC	

SHEET TITLE

SITE IMPROVEMENT PLAN

C500

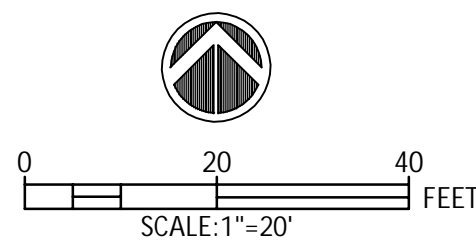


GENERAL NOTES

A. REFER TO IMPROVEMENT DETAILS FOR NOTE REFERENCES.

○ PLAN NOTES

1. ASPHALT PAVEMENT.
2. 4" WIDE PAINTED PARKING STRIPE
3. ACCESSIBLE PARKING SPACE.
4. UTILITY PAD.
5. CONCRETE COLLAR.
6. WHEEL STOP.
7. BOLLARD.



Certified By

TOWN OF MCCORDSVILLE
VFD COMMUNITY CENTER
7580 N Form St,
McCordsville, Indiana 46055

[illegible]

SHEET TITLE

C510

