



# MEIJER OUTLOT #338A - HEARTLAND DENTAL 9180 E. 56TH STREET BROWNSBURG, LINCOLN TOWNSHIP, HENDRICKS COUNTY, INDIANA 46112

±1.21 ACRES LOCATED IN LOT 6 OF THE MEIJER SUBDIVISION  
IN THE SOUTHWEST QUARTER OF FRACTIONAL SECTION 6,  
TOWNSHIP 16 NORTH, RANGE 2 EAST, IN THE TOWN OF  
BROWNSBURG, HENDRICKS COUNTY, INDIANA.

**OWNER**  
MEIJER STORES LIMITED PARTNERSHIP  
2350 THREE MILE ROAD  
GRAND RAPIDS, MI 49544

**PLAN PREPARER & ENGINEER**  
WOOLPERT, INC.  
BRIANNE VANGORDER, P.E.  
337 N ALABAMA ST, SUITE 200  
INDIANAPOLIS, IN 46204  
(317) 299-7500  
BRIANNE.VANGORDER@WOOLPERT.COM

**LAND SURVEYOR**  
WOOLPERT, INC.  
STEVE KREGER, PLS  
3333 WARRENVILLE ROAD, SUITE 200  
LISLE, IL 60532  
(630) 893-4240  
STEVE.KREGER@WOOLPERT.COM

**PROPERTY DESCRIPTION**  
BLOCK A AND BLOCK B IN OI COMMERCIAL LOT 1,  
SECONDARY PLAT SUBDIVISION, AS PER PLAT THEREOF,  
RECORDED JUNE 23, 2022 IN PLAT CABINET 9, SLIDE 2,  
PAGES 1A AND 1B, AND AS INSTRUMENT NO. 202210039, IN  
THE OFFICE OF THE RECORDER OF HENDRICKS COUNTY,  
INDIANA.

### CIVIL DRAWING INDEX

FILLED CIRCLE INDICATES INCLUDED IN ISSUANCE	LATEST ISSUANCE NUMBER	LATEST ISSUANCE DATE	SHEET NUMBER	SHEET TITLE
•	-	-	C-001	COVER SHEET
•	-	-	C-100	EXISTING CONDITIONS - DEMOLITION PLAN
•	-	-	C-200	SITE PLAN - PAVEMENT PLAN & SIGNAGE AND STRIPING PLAN
•	-	-	C-300	SITE GRADING - DRAINAGE PLAN
•	-	-	C-310	PHASE 1 STORMWATER POLLUTION PREVENTION PLAN
•	-	-	C-311	PHASE 2 STORMWATER POLLUTION PREVENTION PLAN
•	-	-	C-312	STORMWATER POLLUTION PREVENTION DETAILS
•	-	-	C-313	STORMWATER POLLUTION PREVENTION DETAILS
•	-	-	C-400	UTILITY PLAN
•	-	-	C-405	STORM & SANITARY PROFILES AND STRUCTURE DATA TABLES
•	-	-	C-600	LANDSCAPE PLAN
•	-	-	C-700	DETAILS
•	-	-	C-701	DETAILS
•	-	-	C-702	DETAILS
•	-	-	C-703	TOWN OF BROWNSBURG DETAILS
•	-	-	C-704	WATER DETAILS
•	-	-	C-800	PHOTOMETRIC PLAN

### GENERAL NOTES

- CONDUCT SITE CLEARING OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR RESTRICT STREETS, WALKS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION. STREETS AND ROADWAYS SHALL BE THOROUGHLY CLEANED AND/OR SWEEPED ON A DAILY BASIS OR MORE FREQUENTLY AS REQUIRED BY THE GOVERNING AUTHORITY. RESTORE DAMAGED IMPROVEMENTS TO ORIGINAL CONDITION AS ACCEPTABLE TO PARTIES HAVING JURISDICTION.
  - PROVIDE DUST CONTROL MEASURES IN ACCORDANCE WITH LOCAL AUTHORITIES.
  - ALL STREET SURFACES, DRIVEWAYS, CULVERTS, ROADSIDE DRAINAGE DITCHES AND OTHER STRUCTURES THAT ARE DISTURBED OR DAMAGED IN ANY MANNER AS A RESULT OF CONSTRUCTION SHALL BE REPLACED IN ACCORDANCE WITH SPECIFICATIONS.
  - UNLESS SPECIFIED OTHERWISE, ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH MEIJER STANDARD SPECIFICATIONS, THE STATE DEPARTMENT OF ENVIRONMENTAL QUALITY STANDARDS, DEPARTMENT OF TRANSPORTATION SPECIFICATIONS AND/OR THE APPROPRIATE LOCAL AUTHORITIES.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS, PERMIT FEES, LICENSES, AND LICENSE FEES, UNLESS NOTED OTHERWISE.
  - RELOCATION OF ANY UTILITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROPRIATE UTILITY COMPANY AND/OR REGULATORY AGENCY. OBTAIN WRITTEN APPROVAL FROM THE ENGINEER BEFORE ANY UTILITY RELOCATION.
  - ELECTRONIC FILES IN DWG FORMAT WILL BE SUPPLIED TO THE CONSTRUCTION MANAGER FOR LAYOUT AND GRADING.
  - ELECTRONIC FILE USE TERMS AND CONDITIONS:
    - RECIPIENT ACKNOWLEDGES THAT ANY USE OF THE TRANSFERRED DATA IS FOR INFORMATION ONLY AND NOT GUARANTEED OR WARRANTED BY MEIJER OR ITS CONSULTANTS. USE OF TRANSFERRED DATA BY THE RECIPIENT SHALL BE AT RECIPIENT'S SOLE RISK. RECIPIENT ACKNOWLEDGES THAT THE AUTOMATED CONVERSION OF INFORMATION AND DATA FROM THE ORIGINAL FORMAT AND SYSTEM TO AN ALTERNATE FORMAT OR SYSTEM CAN NOT BE ACCOMPLISHED WITHOUT THE INTRODUCTION OF INEXACTITUDES, ANOMALIES, AND ERRORS. RECIPIENT FURTHER ACKNOWLEDGES THAT THE ELECTRONIC DATA MAY NOT BE FULLY COMPATIBLE WITH RECIPIENT'S COMPUTER SYSTEM AND NEITHER MEIJER NOR ITS CONSULTANTS MAKE NO REPRESENTATIONS REGARDING SUCH COMPATIBILITY.
    - ACCORDINGLY, WITH RESPECT TO THE CONVERSION AND USE OF SUCH ELECTRONIC DATA, RECIPIENT AGREES TO ASSUME ALL RISKS ASSOCIATED THEREWITH, AND TO THE FULLEST EXTENT PERMITTED BY LAW, TO HOLD HARMLESS AND INDEMNIFY MEIJER AND THEIR CONSULTANTS FROM AND AGAINST ALL CLAIMS, LIABILITIES, LOSSES, DAMAGES, AND COSTS, INCLUDING BUT NOT LIMITED TO ATTORNEY'S FEES AND COSTS, WHETHER OR NOT SUIT HAS BEEN FILED, ARISING OUT OF, OR IN ANY WAY CONNECTED WITH THE USE, MODIFICATION, MISINTERPRETATION, MISUSE, OR REUSE BY RECIPIENT OR OTHERS OF THE ELECTRONIC DATA WHICH IS PROVIDED BY MEIJER OR ITS CONSULTANTS UNDER THESE TERMS AND CONDITIONS.
    - THESE TERMS AND CONDITIONS SHALL BE BINDING UPON THE SUCCESSORS AND ASSIGNS OF THE PARTIES.
- UPON ACCEPTANCE OF THE ELECTRONIC DATA TRANSMISSION, RECIPIENT HEREBY AGREES TO THE FOREGOING TERMS AND CONDITIONS. IF RECIPIENT DOES NOT AGREE TO THE FOREGOING TERMS AND CONDITIONS, MEIJER AND ITS CONSULTANTS DO NOT AUTHORIZE THE USE OF THE TRANSMITTED DATA, AND RECIPIENT SHALL DESTROY THE TRANSMITTED DATA AND NOTIFY MEIJER OR ITS CONSULTANTS OF THE SAME BY PROVIDING WRITTEN NOTICE WITHIN ONE DAY OF TRANSMISSION. FAILURE TO PROVIDE SUCH NOTICE SHALL ACT AS WAIVER AND RECIPIENT SHALL BE BOUND TO THE FOREGOING TERMS AND CONDITIONS.

### LOCAL UTILITY LOCATING AGENCY

ALL CONTRACTORS SHALL NOTIFY UTILITY COMPANIES AND GOVERNMENT AGENCIES IN WRITING OF THE INTENT TO EXCAVATE NO LESS THAN 72 HOURS PRIOR TO SUCH EXCAVATION (EXCLUSIVE OF SATURDAYS, SUNDAYS, AND HOLIDAYS) AND CALL LOCAL UTILITY LOCATING AGENCY AT 1-800-382-5544.

EXISTING UTILITY LOCATIONS SHOWN SHALL BE VERIFIED BY CONTRACTOR PRIOR TO CONSTRUCTION. LOCATIONS OF UNDERGROUND UTILITIES ON THESE DRAWINGS ARE APPROXIMATE ONLY AND BASED ON ACTUAL FIELD LOCATIONS OF VISIBLE STRUCTURES AND PLAN COMPUTATIONS.

### SURVEY

EXISTING TOPOGRAPHY IS BASED ON AN ACTUAL FIELD SURVEY PERFORMED BY WOOLPERT, INC., COMPLETED ON JUNE 17, 2023 AND SUPPLEMENTED ON OCTOBER 10, 2023.

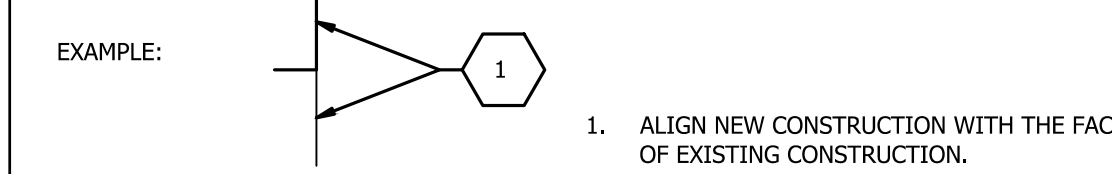
### GEOTECHNICAL

REFER TO REPORT OF GEOTECHNICAL INVESTIGATION - PHASE 1 PREPARED BY ATLAS TECHNICAL CONSULTANTS LLC DATED OCTOBER 10, 2023.

REFER TO SOIL BORING LOGS BY ATLAS TECHNICAL CONSULTANTS LLC DATED AUGUST 21, 2023 TO SEPTEMBER 13, 2023.

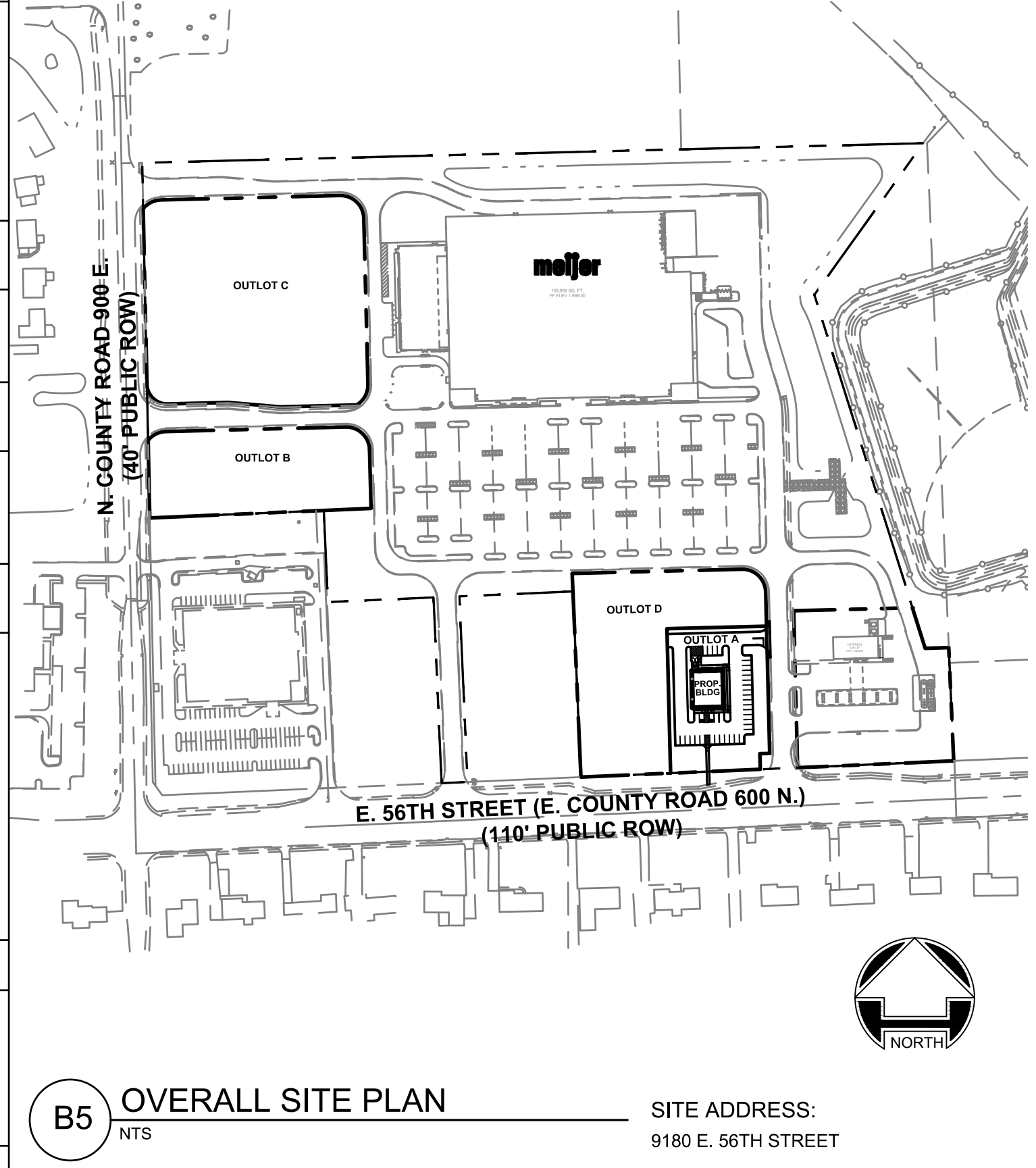
### SHEET KEYNOTE INSTRUCTIONS

SHEET KEYNOTES ARE NOTED WITHIN THE GRAPHIC AREA OF THE DRAWING. THESE ARE REPRESENTED BY A NUMBER SURROUNDED BY A HEXAGON, WITH OR WITHOUT A LEADER. A LEGEND ON THE RIGHT SIDE OF THE PAGE LISTS THE NOTES IN NUMERICAL ORDER.



### TABULATED SITE DATA

PROPOSED LAND COVERAGE	AREA (SF)	PERCENTAGE
PROPOSED BUILDING	4,285	8.1%
PROPOSED COMPACTED GRAVEL	0	0%
PROPOSED CONCRETE/ASPHALT	28,200	53.1%
<b>TOTAL AMOUNT OF IMPERVIOUS SURFACE</b>	<b>32,485</b>	<b>61.2%</b>



**B5 OVERALL SITE PLAN**  
NTS

SITE ADDRESS:  
9180 E. 56TH STREET

### SYMBOL LEGEND

	EXISTING MAJOR CONTOUR		SANITARY SEWER & MANHOLE		MATCH LINE
	EXISTING MINOR CONTOUR		WYE & LEAD		BREAK MARK
	NEW MINOR CONTOUR		RISER & LEAD		CONTROL POINT
	NEW MAJOR CONTOUR		STANDARD SEWER CLEANOUT		DATUM MARK
	CENTER OF DITCH		STORM SEWER & MANHOLE		WALL SECTION MARK
	LOT LINE (AS PLATTED)		CATCH BASIN WITH EROSION CONTROL		BUILDING SECTION MARK
	R.O.W. LINE		UNDERDRAIN		ELEVATION TAGS
	SECTION LINE		WATER MAIN		ENLARGED PLAN OR DETAIL
	FENCE		VALVE & BOX		REVISION CLOUD
	GRAVEL SURFACE		METER		
	PAVED SURFACE		PLUG		
	EXISTING CURB & GUTTER		STANDARD FIRE HYDRANT ASSEMBLY		
	PROPOSED CURB & GUTTER		CURB STOP & BOX		
	TURN DOWN CONCRETE SLAB		GAS MAIN		
	SIGN		UNDERGROUND ELECTRIC		
	SITE LIGHT POLES		UNDERGROUND TELEPHONE		
	BENCH MARK		TELEPHONE PEDESTAL		
	SECTION CORNER		CONCRETE SLAB		
	EASEMENT LINE		HEAVY DUTY ASPHALT		
	PROPOSED ELEVATION		LIGHT DUTY ASPHALT		
	PROPOSED PAVEMENT MARKING (PAINTING)		MATCH LINE		
	PROPOSED BARRIER FREE PARKING				

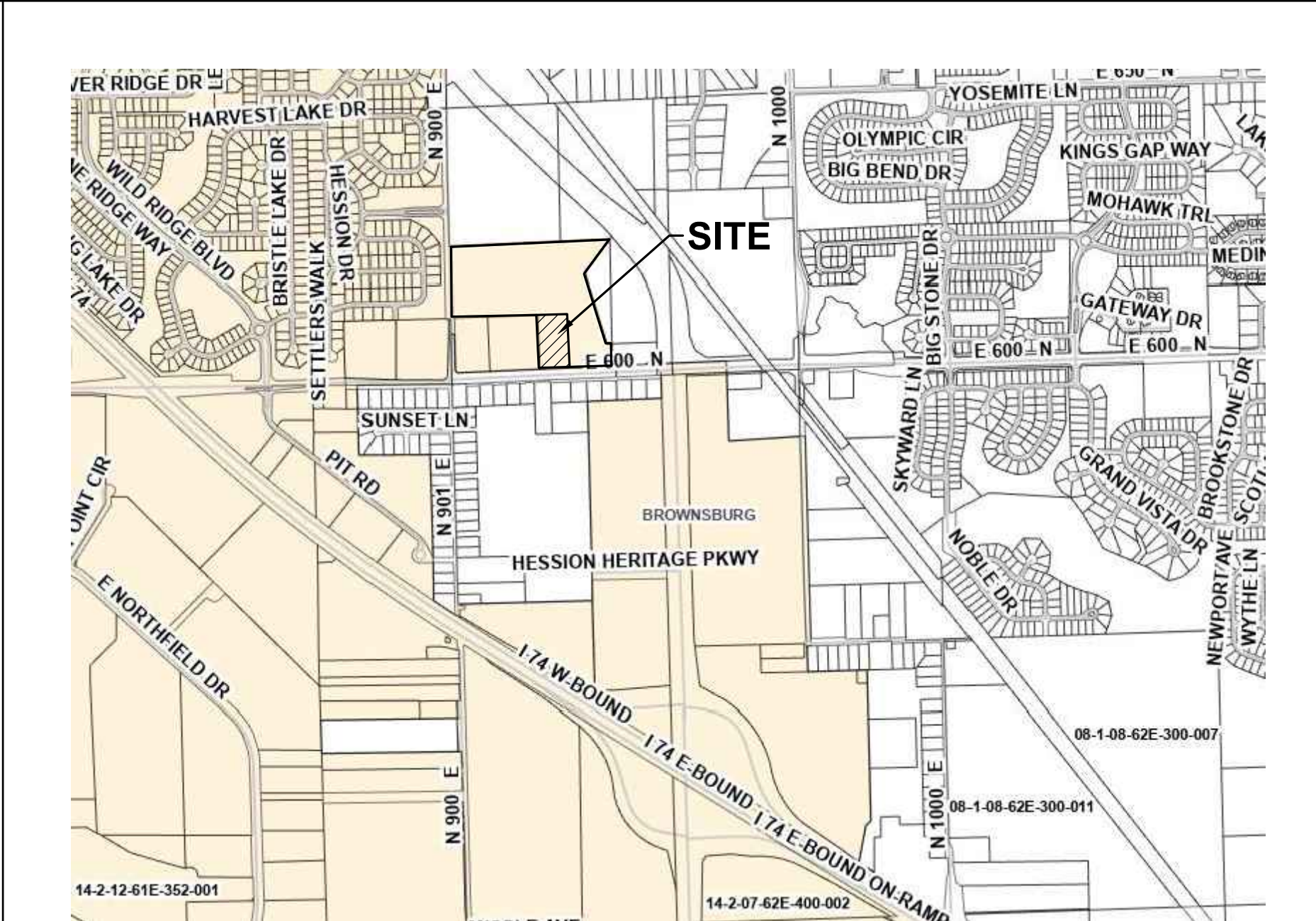
### ABBREVIATIONS

A	AREA	PC	POINT OF CURVATURE
ALT	ALTERNATE	PE	POLYETHYLENE
AMP	AMPERE	PH	PHASE
ARCH	ARCHITECTURAL	PVI	POINTS PER SQUARE INCH
ASTM	AMERICAN SOCIETY FOR TESTING & MATERIALS	PT	POINT OF TANGENCY
B/C	BACK OF CURB	PVC	POLYVINYL CHLORIDE
BIT	BITUMINOUS PAVEMENT	PVMT	PAVEMENT
BM	BENCH MARK	R	RADIUS
BP	BIO PACKAGE	RCP	REINFORCED CONCRETE PIPE
C	CONDUIT	RE	REFERENCE
CAL	CALIPER	REQD	REQUIRED
CB	CATCH BASIN	ROW	RIGHT-OF-WAY
CFH	CURB FEET PER HOUR	RW	RETAINING WALL
C.I.	CURB ISLAND	RS	RISER
CHR	CIRCUIT	SAN	SANITARY SEWER
CONC	CONCRETE	SB	SOIL BORING
DIA	DIAMETER	SF	SQUARE FEET
(E)	EAST	SO	SQUARE
E.I.F.S.	EXTERIOR INSULATION FINISHING SYSTEM	STM	STORM SEWER
EL ELEV	ELEVATION	STRUC	STRUCTURE
EQ	EQUVALENT	TC	TOP OF CURB
ES	END SECTION	TEL	TELEPHONE
ETC	ETCETERA	TP	TOP OF PAVEMENT
FF	FIRE HYDRANT	TRNF	TRANSFORMER
FFH	FINISHED FLOOR	TS	TOP OF SLAB
FT	FOOT SQUARE	TW	TOP OF WALL
GND, GRD	GROUND	TYP	TYPICAL
GP	GUTTER PAN	UC	UTILITY CROSSING
GPD	GALLONS PER DAY	UD	UNDER DRAIN
GFM	GALLONS PER MINUTE	W	WIRE
GV&BOX	GATE VALVE AND BOX	(W)	WITH
HC	HIGH CAPACITY	WC	WATER COLUMN
HD	HEAVY DUTY	WTR	WATER
HT	HEIGHT	WWF	WELDED WIRE FABRIC
IE	INVERT ELEVATION		
KVA	KILOVOLT AMPERE		
LBS	POUNDS		
LD	LIGHT DUTY		
LED	LIGHT EMITTING DIODE		
LF	LINEAR FEET		
LG	LARGE		
MANUF	MANUFACTURE		
MATL	MATERIAL		
MAX	MAXIMUM		
MECH	MECHANICAL		
MIN	MINIMUM		
MH	MANHOLE		
(N)	NORTH		
OC	ON CENTER		
OSHA	OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION		

### AGENCIES

- ZONING**  
TOWN OF BROWNSBURG  
DEVELOPMENT SERVICES  
JENNA WERTMAN, DEVELOPMENT SERVICES DIRECTOR  
61 N. GREEN STREET  
BROWNSBURG, IN 46112  
(317) 852-1128  
EMAIL: JWERTMAN@BROWNSBURG.ORG
- HIGHWAY DEPARTMENT**  
HENDRICKS COUNTY HIGHWAY DEPARTMENT  
509 S. MAIN STREET  
CURT HIGGINS, SUPERINTENDENT  
BROWNSBURG, IN 46122  
(317) 745-9227  
EMAIL: CHIGGINS@HENDRICKSCOUNTY.IN.GOV
- SANITARY**  
HENDRICKS COUNTY REGIONAL SEWER DISTRICT  
JIM MAROS  
365 S. WASHINGTON STREET, #206  
DANVILLE, IN 46122  
(317) 718-6038
- AQUA INDIANA**  
KIERAN TANSY  
5750 CASTLE CREEK PARKWAY NORTH DRIVE,  
SUITE #314  
INDIANAPOLIS, IN 46250  
(317) 716-6026
- CITIZENS ENERGY GROUP**  
RICHARD NEWELL, PROJECT MANAGER  
2150 DR. MARTIN LUTHER KING JR. ST.  
INDIANAPOLIS, IN 46202  
(317) 927-4377  
EMAIL: RNEWELL@CITIZENSENERGYGROUP.COM
- STORMWATER**  
HENDRICKS COUNTY SURVEYOR'S OFFICE  
DAVID GASTON, HENDRICKS COUNTY SURVEYOR  
385 S. WASHINGTON STREET, #170  
DANVILLE, IN 46122  
(317) 745-8237  
EMAIL: DGASTON@CO.HENDRICKS.IN.GOV
- FIRE**  
TOWN OF BROWNSBURG FIRE TERRITORY  
PAUL HUDSON, FIRE MARSHAL  
470 E. NORTHFIELD DRIVE  
BROWNSBURG, IN 46112  
(317) 896-0548  
EMAIL: PHUDSON@BROWNSBURGFIRE.ORG
- ELECTRIC**  
HENDRICKS POWER  
DANIEL E. DISTRIBUITION DESIGNER  
P.O. BOX 309  
DANVILLE, IN 46122  
(317) 896-0548  
EMAIL: DVANWYEA@HENDRICKSPOWER.COM
- GAS**  
CENTERPOINT ENERGY  
JON EASTHAM, SENIOR GAS ENGINEER  
839 ZENOVILLE ROAD  
INDIANAPOLIS, IN 46288  
(765) 287-2119  
EMAIL: JONATHAN.EASTHAM@CENTERPOINTENERGY.COM
- TELEPHONE & INTERNET**

### VICINITY MAP



**A5 VICINITY MAP**  
NTS



REV.	DATE	DESCRIPTION

ISSUED FOR:	
PERMIT	012826
BID	XXXXX26
CONSTRUCTION	XXXXX26

PROJECT MANAGER	DESIGNER
BLS	JMR

10026635

**C-001**



4454 Idea Center Boulevard  
Dayton, OH 45430  
937.461.5660



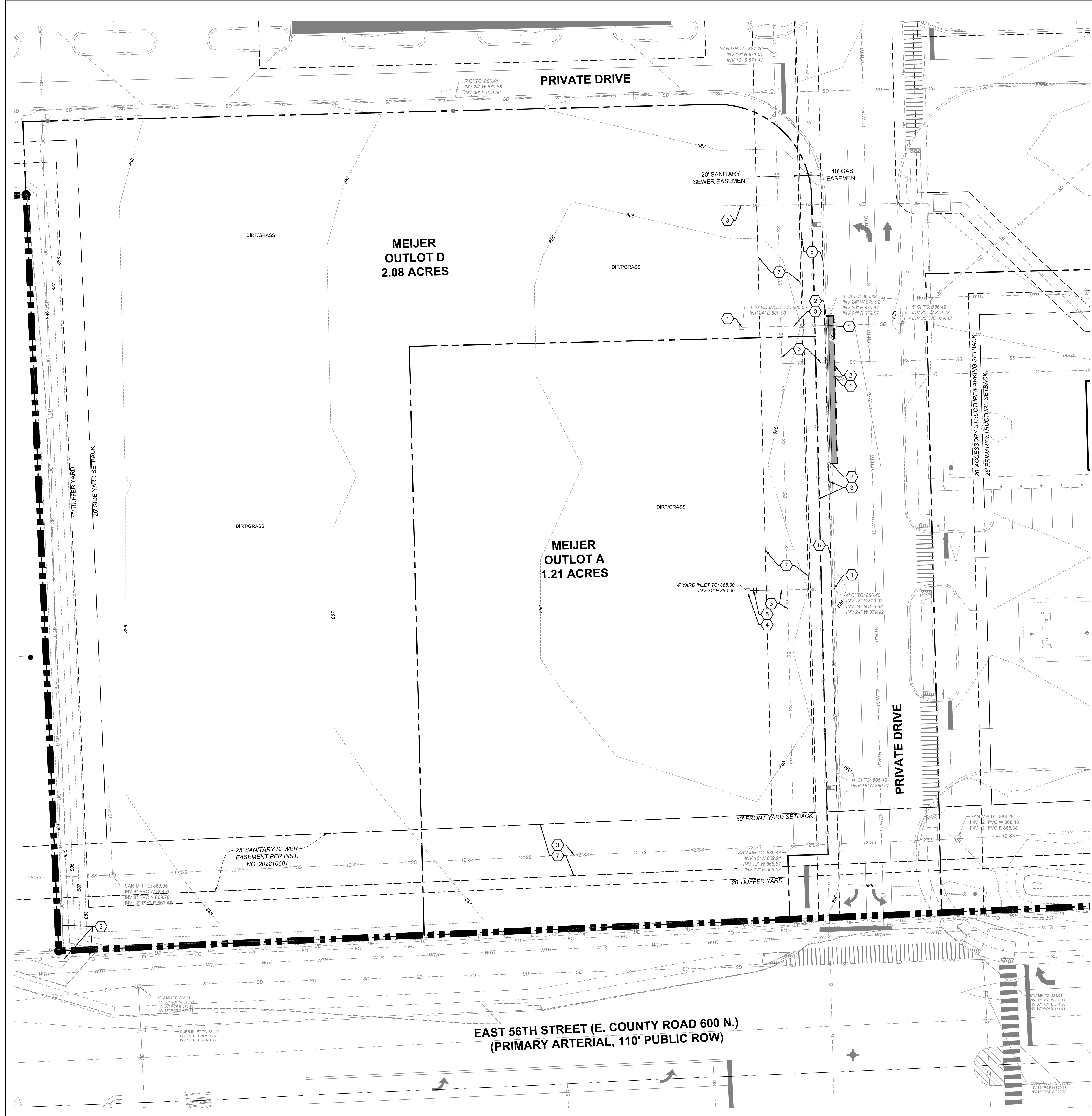
2929 WALKER AVENUE  
GRAND RAPIDS, MICHIGAN 49544  
(616) 453-6711

MEIJER OUTLOT #338A  
9180 E. 56TH STREET  
BROWNSBURG, INDIANA 46112

COVER SHEET

Images: Vicinity Map.jpg; Xrefs: 10026635\BTLK.dwg; 10026635--x.dwg; 10026635--p.dwg  
Lot Sheet: B:\Brownsburg\1127\2026\_2\0005\_P\Lot Sheet\_Brownsburg.dwg  
C:\Users\meijer\OneDrive\Meijer\10026635-COV.dwg Plotted By: VonGorder, Brianne Plotted: January 29, 2026, 10:50:08 AM

Images: I:\Projects\10026635-DEM.dwg, I:\Projects\10026635-DEM.dwg, I:\Projects\10026635-DEM.dwg, I:\Projects\10026635-DEM.dwg, I:\Projects\10026635-DEM.dwg  
 User: BJB, Date: 1/23/2026, 1:43:18 PM  
 C:\DE\Clients\Meijer\10026635-Meijer-338A-001, Brownsburg, IN\4.0 Disciplines\Civil\Cadd\Cad\10026635-DEM.dwg Plotted By:Vongardner, Brienne Plotted:January 29, 2026, 10:50:48 AM



- ### EXISTING LEGEND
- MEIJER PROPERTY LINE
  - PROPERTY BOUNDARY
  - 1' CONTOUR
  - 5' CONTOUR
  - STORM SEWER
  - WTR- WATER MAIN
  - SS- SANITARY SEWER
  - G- GAS MAIN
  - UE- UNDERGROUND ELECTRIC
  - UT- UNDERGROUND TELEPHONE
  - OE- OVERHEAD ELECTRIC
  - OEC- OVERHEAD ELECTRIC AND CABLE
  - OET- OVERHEAD ELECTRIC AND TELECOMM
  - OETC- OVERHEAD ELECTRIC, TELECOMM, AND CABLE
  - SANITARY MANHOLE
  - STORM MANHOLE
  - DRAINAGE INLET
  - FIRE HYDRANT
  - POWER POLE
  - SIGN
  - LIGHT POLE

- ### DEMOLITION LEGEND
- ASPHALT PAVEMENT TO BE REMOVED
  - APPROXIMATE SAWCUT LINE
  - UTILITY LINE TO BE REMOVED

- ### GENERAL NOTES
- FLAMMABLE FEATURES SHOWN HEREON ARE BASED UPON A FIELD SURVEY COMPLETED BY WOOLPERT INC. ON JUNE 17, 2023 AND SUPPLEMENTED ON OCTOBER 10, 2023 AND WILL NOT REFLECT ANY CHANGES TO THE PHYSICAL SITE THROUGH MANMADE OR NATURAL OCCURRENCES BEYOND SAID DATE. CONTRACTOR SHALL VISIT THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION TO VERIFY SITE CONDITIONS, ANY DISCREPANCIES BETWEEN THE ACTUAL FIELD CONDITIONS AND PLAN DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE MEIJER PROJECT MANAGER IMMEDIATELY.
  - ANY USE OF THIS DRAWING BY PARTIES NOT CONTRACTED DIRECTLY WITH WOOLPERT OR CERTIFIED TO ON THIS DRAWING IS PROHIBITED WITHOUT PRIOR WRITTEN PERMISSION.
  - ONLY THE IMPROVEMENTS THAT WERE VISIBLE FROM ABOVE GROUND AT TIME OF SURVEY THROUGH A NORMAL SEARCH AND WALK THROUGH OF THE SITE, ARE SHOWN ON THE FACE OF THIS PLAN. THIS SURVEY MAY NOT REFLECT ALL UTILITIES OR IMPROVEMENTS. IF SUCH ITEMS ARE HIDDEN BY LANDSCAPING, OR ARE COVERED BY SUCH THINGS AS DUMPSTERS, TRAILERS, SNOW, ETC.
  - ACCORDING TO THE FLOOD INSURANCE RATE MAPS - MAP NUMBERS 180630178E, PUBLISHED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY WITH A REVISION DATE OF JUNE 15, 2022, WHICH IS THE MOST CURRENT FLOOD INSURANCE RATE MAP AVAILABLE ON FEMA'S WEBSITE, THIS SITE IS LOCATED IN ZONE "X" (NO SCREEN) - AREAS OF MINIMAL FLOOD HAZARD. THE ABOVE REFERENCED FLOODPLAIN MAY BE UTILIZED FOR THIS DETERMINATION.
  - RECYCLED CONCRETE MATERIAL IS DEFINED AS CRUSHED CONCRETE SLAB, FOUNDATIONS, CURBS AND SIDEWALK, ALONG WITH THE GRANULAR BASE MATERIAL ASSOCIATED WITH THESE ITEMS (EXCLUDING CRUSHED CONCRETE BLOCK). THIS MATERIAL SHALL BE CRUSHED AND OR PROCESSED TO BE IN ACCORDANCE WITH MEIJER SPECIFICATIONS AND CAN BE USED AS FOLLOWS:
    - MASS GRADING AND GENERAL FILL AREAS.
    - UTILITY TRENCH BACKFILL (EXCEPT FOR PIPE BEDDING).
    - SUBGRADE FILL MATERIAL DIRECTLY UNDER THE ASPHALT AND CONCRETE PAVEMENT SECTIONS (MATERIAL SHALL NOT BE USED AS PART OF THE PAVEMENT SECTIONS).
    - BACKFILL MATERIAL AROUND THE UNDERGROUND DETENTION SYSTEM (MATERIAL SHALL NOT BE USED AS PIPE BEDDING). IF USED IN THIS APPLICATION, CONTRACTOR MUST DEMONSTRATE THAT THE MATERIAL MEETS THE REQUIRED GRADATION SPECIFICATIONS AND THE MATERIAL IS FREE OF CONTAMINATION.

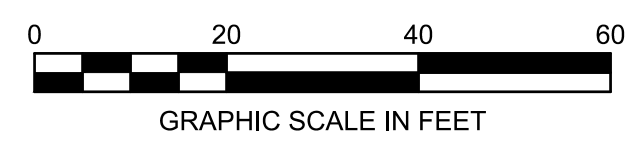
- ### DEMOLITION NOTES
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS RELATED TO AIR QUALITY DURING DEMOLITION FROM IDEM.
  - CONTRACTOR SHALL DISPOSE OF ALL DEMOLITION DEBRIS IN A LEGAL MANNER IN ACCORDANCE WITH ALL APPLICABLE GOVERNING CRITERIA. UPON COMPLETION OF DEMOLITION WORK, CONTRACTOR SHALL CLEAR SITE OF ALL DEBRIS.
  - CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITY SERVICES TO EXISTING ADJACENT BUILDINGS TO REMAIN. CONTRACTOR TO COORDINATE WITH EXISTING BUILDING OWNER(S) SHOULD ANY SERVICE INTERRUPTIONS BE REQUIRED.
  - CONTRACTOR SHALL ENSURE THAT ALL APPROPRIATE MEASURES ARE IN PLACE SHOULD A RAIN EVENT OCCUR DURING THE REMOVAL AND/OR CONSTRUCTION OF THE STORM AND SANITARY SEWER SYSTEMS TO MAINTAIN FLOW TO THE APPROPRIATE SYSTEMS.
  - VOIDS CREATED BY REMOVAL OF EXISTING ITEMS, SUCH AS LIGHT POLES, SIGNS, ETC., SHALL BE FILLED IN ACCORDANCE WITH MEIJER SPECIFICATIONS.
  - REMOVE (UNDER PROPOSED PAVEMENT AND BUILDING) (ABANDON (UNDER PROPOSED LAWN) ANY LOCATED INACTIVE STORM OR DOWNSPOUT LINES, SANITARY SERVICES, GAS SERVICES, WATER SERVICES, LIGHTING CONDUIT OR OTHER FOUND UTILITIES PER AGENCY REQUIREMENTS.
  - CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO PERFORM WORK ON THE OWNER'S PROPERTY.
  - CONTRACTOR RESPONSIBLE FOR COORDINATING TEMPORARY POWER TO SITE.
  - FIRE EMERGENCY VEHICLE ACCESS MUST BE MAINTAINED DURING CONSTRUCTION.
  - PORTABLE FIRE EXTINGUISHERS MUST BE READILY AVAILABLE TO CONSTRUCTION CREWS DURING CONSTRUCTION.
  - IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VISIT THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION TO VERIFY SITE CONDITIONS. ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND PLAN DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE MEIJER PROJECT MANAGER IMMEDIATELY.
  - OPEN BURNING ON SITE IS PROHIBITED.

- ### KEYNOTES (X)
- ITEM TO REMAIN. PROTECT IN PLACE.
  - SAWCUT PAVEMENT/CURB/SIDEWALK. REMOVE SIDEWALK AT NEAREST EXISTING JOINT.
  - EXISTING UTILITY TO BE MAINTAINED DURING CONSTRUCTION.
  - REMOVE AND RELOCATE EXISTING UTILITY STRUCTURE. SEE C-100 FOR PROPOSED LOCATION. CONTRACTOR SHALL REVIEW CONDITION OF EXISTING STRUCTURE TO BE RELOCATED IN WHICH PROPOSED PIPES ARE PROPOSED TO CONNECT. IF CONDITIONS WARRANT IT, STRUCTURE SHALL BE REPLACED.
  - REMOVE PIPE.
  - 10' GAS EASEMENT.
  - PUBLIC SANITARY EASEMENT.

A1 EXISTING CONDITIONS - DEMOLITION PLAN  
 1"=20'



**BENCHMARK:**  
 THE BASIS OF ELEVATIONS HEREON IS NAVD 88 PER OBSERVATIONS OF SELECTED STATIONS IN THE NATIONAL GEODETIC SURVEY CONTINUOUSLY OPERATING REFERENCE STATION (NGS CORS) NETWORK.  
 MAG NAIL SET IN THE CORNER TOP OF THE CURB JOINT - SEE C-001 FOR LOCATION.  
 ELEVATION = 889.36'



**WOOLPERT**  
 4454 Idea Center Boulevard  
 Dayton, OH 45430  
 937.461.5660

**meijer**  
 2929 WALKER AVENUE  
 GRAND RAPIDS, MICHIGAN 49504  
 (616) 453-6711

REV.	DATE	DESCRIPTION

MEIJER OUTLOT #338A  
 9180 E. 56TH STREET  
 BROWNSBURG, INDIANA 46112

**EXISTING CONDITIONS - DEMOLITION PLAN**

ISSUED FOR:	
PERMIT	012826
BID	XXXXX26
CONSTRUCTION	XXXXX26
PROJECT MANAGER	DESIGNER
BLS	JMR
JOB NO.	
10026635	
C-100	

REV.	DATE	DESCRIPTION

MEIJER OUTLOT #338A  
9180 E. 65TH STREET  
BROWNSBURG, INDIANA 46112

**SITE PLAN - PAVEMENT PLAN & SIGNAGE AND STRIPING PLAN**

ISSUED FOR:	
PERMIT:	012826
BID:	XXXXX26
CONSTRUCTION:	XXXXX26

PROJECT MANAGER:	DESIGNER:
BLS	JMR

10026635

**C-200**

**LEGEND**

- MEIJER PROPERTY LINE
- PROPERTY LINE
- LIGHT POLE
- 9.5' x 18' PARKING SPACES, UNLESS NOTED OTHERWISE
- CONCRETE PAVEMENT, SEE DETAIL D1 ON C-702
- LIGHT DUTY ASPHALT PAVEMENT, SEE DETAIL D1 ON C-702

**PROJECT AREA SUMMARY**

EXISTING LOT 6	3.29 ACRES
PROPOSED LOT A	1.21 ACRES
PROPOSED LOT D	2.08 ACRES

**PARKING SUMMARY**

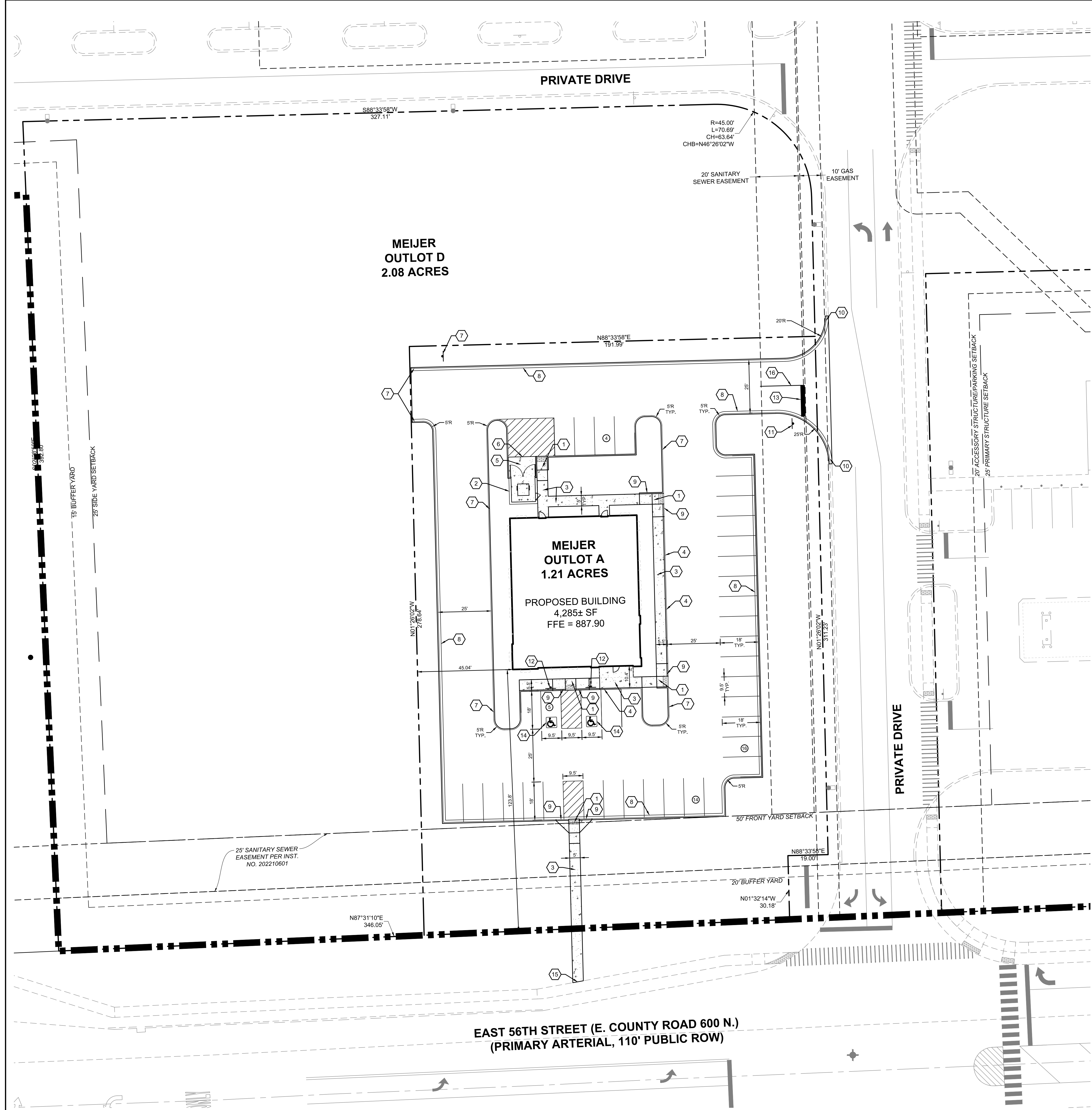
9 FT X 18 FT STANDARD PARKING	37 SPACES
VAN ACCESSIBLE ADA	2 SPACES
TOTAL PROVIDED PARKING	39 SPACES
MINIMUM REQUIRED BY CODE (1.5 SPACES/TREATMENT SPACE)	16 SPACES

**GENERAL NOTES**

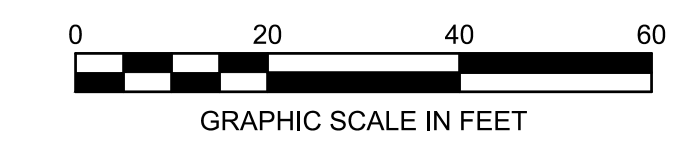
- NO DIMENSION MAY BE SCALED, REFER UNCLER ITEMS TO THE ENGINEER FOR INTERPRETATION.
- DIMENSIONS AND/OR COORDINATES ARE TO FACE OF CURB, FACE OF BUILDING FACE OF PRECAST, EDGE OF PAVEMENT OR CENTER OF STRUCTURE OR SIGN, VERIFY BUILDING DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
- BUILDING SLABS, UNDERBED THICKNESS AND LOCATIONS ARE SHOWN FOR REFERENCE, VERIFY WITH STRUCTURAL DRAWINGS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING TO ACCOMPLISH ALL WORK INDICATED ON PLANS AND PERFORM REQUIRED COMPACTION OPERATIONS.
- PROVIDE ADEQUATE BARRICADES AT DRIVES, ENTRANCES, EXCAVATIONS AND OTHER OPENINGS TO KEEP OUT UNAUTHORIZED PERSONS AND FOR PUBLIC SAFETY AND TRAFFIC CONTROL. SAFETY PROVISIONS OF APPLICABLE LAWS SHALL BE OBSERVED AT ALL TIMES. BARRICADES LEFT IN PLACE AT NIGHT SHALL BE LIGHTED.
- NO EQUIPMENT OR MATERIAL STORAGE IS PERMITTED IN THE RIGHT-OF-WAY.
- WORK SHALL CONFORM TO THE REQUIREMENTS OF MEIJER STANDARD SPECIFICATIONS, GOVERNING AGENCIES HAVING JURISDICTION, GRADING, PAVING AND MATERIALS SHALL COMPLY WITH THE STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AS WELL AS PROJECT SPECIFICATIONS AND DRAWINGS. IN CASE OF DISCREPANCIES BETWEEN REQUIREMENTS, THE MORE STRINGENT SHALL APPLY.
- EXTERIOR CONCRETE SLABS ADJACENT TO BUILDING SHALL BE PLACED ON 4" STRUCTURAL CUSHION, UNLESS NOTED OTHERWISE.
- AGGREGATE TO EXTEND 12" BEYOND BACK OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- ALL RADII SHALL BE 4' UNLESS OTHERWISE NOTED.
- ALL PAVEMENT MARKING SHALL BE YELLOW IN COLOR UNLESS NOTED OTHERWISE.
- REFER TO SHEET C-701 FOR SIGNAGE/STRIPING DETAILS.

**KEYNOTES**

- ADA RAMP WITH DETECTABLE WARNING SURFACE, SEE DETAIL ON C-702.
- DUMPSTER ENCLOSURE, SEE ARCHITECTURAL PLANS FOR DETAILS.
- 4" CONCRETE SIDEWALK ON 4" BASE MATERIAL, SEE DETAIL ON C-702.
- CONCRETE CURBED WALK, SEE DETAIL A1 ON C-702.
- HEAVY DUTY CONCRETE DUMPSTER APRON, SEE DETAIL D1 ON C-702.
- THICKENED BITUMINOUS PAVEMENT EDGE, SEE DETAIL B1 ON C-702.
- CONCRETE STRAIGHT CURB, SEE DETAIL C2 ON C-702.
- CONCRETE STRAIGHT CURB AND GUTTER, SEE DETAIL E6 ON C-702.
- TRANSITION CURB HEIGHT FROM 6" TO 0", SEE DETAIL E4 ON C-702.
- TRANSITION TO EXISTING CURB.
- "STOP" SIGN, SEE DETAIL C1 ON C-701.
- "VAN ACCESSIBLE" PARKING SIGN, SEE DETAIL C3 ON C-701.
- 12" STOP LINE, WHITE.
- ADA GRAPHIC AT ADA PARKING STALL, SEE DETAIL E2 ON C-701.
- TRANSITION TO EXISTING CONCRETE WALK.
- 4" SINGLE SOLID LINE, WHITE.
- "DEAD END" SIGN, SEE DETAIL C1 ON C-701.

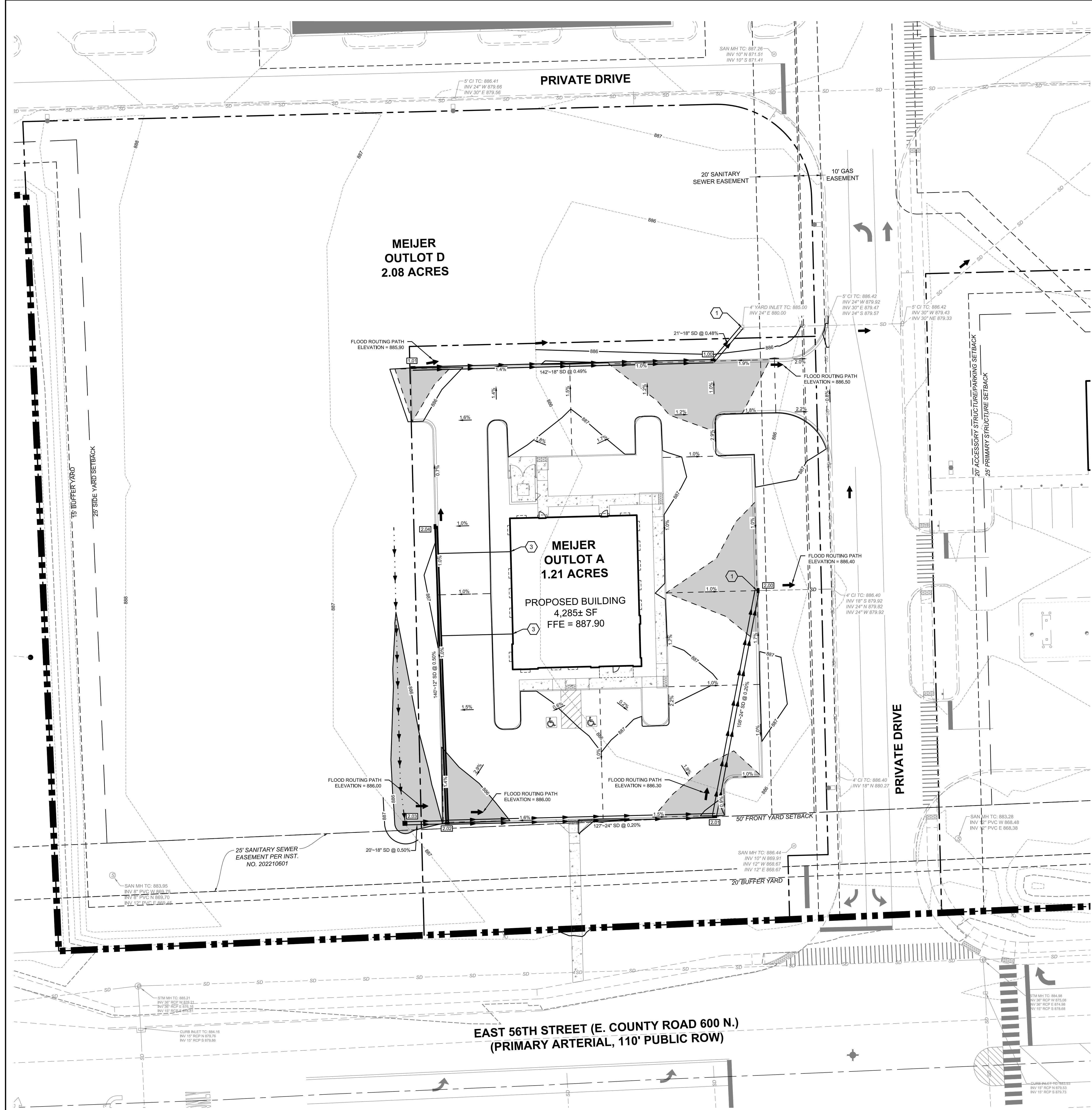


**A1 SITE PLAN - PAVEMENT PLAN & SIGNAGE AND STRIPING PLAN**



Images: \xrefs: 10026635-p.dwg, 10026635-x.dwg, 10026635\BLK.dwg  
 User: S:\Projects\10026635\10026635.dwg  
 Plot Date: 1/29/2026 10:32:33 AM  
 Plot Path: C:\Users\meijer\OneDrive\Documents\10026635\10026635.dwg  
 Plot Scale: 1/8"=1'-0"  
 Plot Title: MEIJER OUTLOT #338A - SITE PLAN - PAVEMENT PLAN & SIGNAGE AND STRIPING PLAN

Images: I:\Users\jared\OneDrive\Documents\10026635-0.dwg; 10026635-p.dwg; 10026635-g.dwg; PLAN  
 User: jared  
 Date: 1/29/2026 10:40:28 AM  
 C:\DE\Clients\Mejier\10026635-Mejier-338A-001-Brownburg-IN\4.0 Disciplines\Civil\Cadd\Cad\10026635-GRA.dwg Plotted: January 29, 2026, 10:52:00 AM



**LEGEND**

- MEIJER PROPERTY LINE
- PROPERTY LINE
- EXISTING 1' CONTOUR
- EXISTING 5' CONTOUR
- EXISTING STORM SEWER
- EXISTING DRAINAGE BASIN
- PROPOSED 1' CONTOUR
- PROPOSED 5' CONTOUR
- DRAINAGE BASIN
- CLEANOUT
- STORM SEWER
- STORM STRUCTURE I.D.
- SLOPE LABEL
- GRADE BREAK
- DRAINAGE SWALE
- 100-YEAR FLOOD LIMITS (WITH ALL INLETS BLOCKED)
- FLOOD ROUTING PATH

- GRADING NOTES**
- ALL SPOT ELEVATIONS ARE TO:  
 TOP OF PAVEMENT - (TP)  
 TOP OF SLAB - (TS)  
 TOP OF CURB - (TC)  
 TOP OF WALL - (TW)  
 CUTTER FAN - (CF)  
 U.O.N. - UNLESS OTHERWISE NOTED
  - CONTOURS SHOWN ARE FOR REFERENCE ONLY.
  - PROVIDE POSITIVE DRAINAGE AT ALL TIMES TO ENSURE NO STANDING WATER WITHIN PAVEMENT, BUILDING PAD, OR GREEN AREAS.
  - FOR ALL CURB ISLANDS, CENTER OF ISLANDS TO BE A MINIMUM OF 6" HIGHER THAN TOP OF CURB.
  - RESTORE ALL STREET SURFACES, DRIVEWAYS, CULVERTS, ROADSIDE DRAINAGE DITCHES AND OTHER PUBLIC OR PRIVATE STRUCTURES THAT ARE DISTURBED OR DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES TO MATCH AT A MINIMUM EXISTING CONDITIONS.
  - CONTRACTOR'S MANNER AND METHOD OF INGRESS AND EGRESS WITH RESPECT TO THE PROJECT AREAS SHALL IN NO WAY PROHIBIT OR DISTURB NORMAL PEDESTRIAN OR VEHICULAR TRAFFIC IN THE VICINITY AND IS SUBJECT TO REGULATION AND WRITTEN APPROVAL OF APPROPRIATE GOVERNING AGENCIES.
  - FINISHED SUBGRADE SURFACE SHALL NOT BE MORE THAN 0.1 FEET ABOVE OR BELOW ESTABLISHED FINISHED SUBGRADE ELEVATIONS AND ALL GROUND SURFACES SHALL VARY UNIFORMLY BETWEEN INDICATED ELEVATIONS. FINISHED DITCHES SHALL BE GRADED TO ALLOW FOR PROPER DRAINAGE WITHOUT PONDING AND IN A MANNER THAT WILL MINIMIZE EROSION.
  - VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
  - PROTECT AND MAINTAIN CROSSINGS OF OTHER UTILITIES.
  - ALL MATERIAL, SPECIFICATIONS, AND CONSTRUCTION METHODS SHALL BE IN CONFORMANCE WITH MEIJER STANDARD SPECIFICATIONS AND THOSE OF THE APPROPRIATE UTILITY COMPANIES.
  - BEFORE COMMENCING WORK, CONTRACTOR SHALL VERIFY ALL LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES.
  - ENTRY LANDINGS PART OF AN ACCESSIBLE ROUTE SHALL MAINTAIN A MAXIMUM SLOPE OF 1.50% IN ALL DIRECTIONS. THIS IS INTENDED TO ALLOW FOR CONSTRUCTION TOLERANCES. SLOPES STEEPER THAN 1:48 SHALL NOT BE PERMITTED THUS MEETING THE REQUIREMENTS OF THE DEPARTMENT OF JUSTICE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN. ALL SLOPES TO BE VERIFIED AS ACCEPTABLE BY USING A 2" LEVEL.
  - CONTRACTOR TO NOTIFY THE SITE ENGINEER SHOULD ANY EXISTING DRAINS AND/OR TILES BE ENCOUNTERED DURING CONSTRUCTION.

- KEYNOTES**
- CONNECT TO EXISTING UTILITY PER AGENCY REQUIREMENTS. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITY IN WHICH TO MAKE CONNECTION.
  - ADJUST EXISTING UTILITY STRUCTURE TO FINISHED GRADE.
  - 6" ROOF DRAIN FOR GUTTER DOWNSPOUTS. SEE DETAIL AS ON C-700.



4454 Idea Center Boulevard  
 Dayton, OH 45430  
 937.461.5660



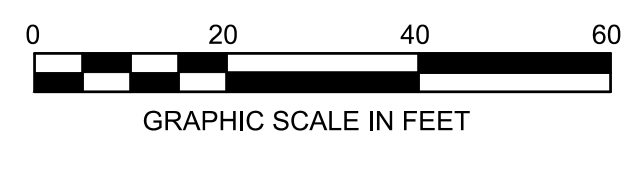
REV.	DATE	DESCRIPTION

MEIJER OUTLOT #338A  
 9180 E. 65TH STREET  
 BROWNSBURG, INDIANA 46112

**SITE GRADING - DRAINAGE PLAN**

ISSUED FOR:	01/29/26
PERMIT:	XXXXX26
CONSTRUCTION:	XXXXX26
PROJECT MANAGER:	BLS
DESIGNER:	JMR
DWG NO.:	10026635
<b>C-300</b>	

A1 SITE GRADING - DRAINAGE PLAN  
 1"=20'









ESTIMATED SWPPP IMPLEMENTATION SCHEDULE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	
ACTIVITY																					
STABILIZED CONSTRUCTION ENTRANCE																					
SILT FENCE																					
INLET FILTERS/ROCK DONUTS AT EX. INLETS																					
SEDIMENT BASIN AND APPURTENANCES																					
DIVERSION DITCHES/ROCK CHECKS																					
STAGING/MATERIALS STORAGE AREA																					
CONCRETE WASHOUT/DUMPSTERS																					
CLEARING AND GRUBBING																					
ROUGH GRADING																					
STORM SEWERS/UTILITIES																					
INLET FILTERS AT PROPOSED INLETS																					
FOUNDATION/BUILDING CONSTRUCTION																					
ASPHALT INSTALLATION																					
FINAL GRADING																					
PERMANENT STORMWATER CONTROLS																					
FINAL STABILIZATION																					

# E4 SWPPP IMPLEMENTATION SCHEDULE

NTS

## SECTION A: CONSTRUCTION PLAN

- A1 PLAN INDEX ITEMS RELATED TO THE SWPPP ARE SHOWN AS NOTES ON THIS SHEET.
- A2 VICINITY MAP IS SHOWN ON SHEET C-001.
- A3 THIS PROJECT INVOLVES THE CONSTRUCTION OF AN APPROXIMATELY 4,300 SF DENTAL OFFICE WITH ASSOCIATED ACCESS DRIVES, PARKING, AND UTILITIES.
- A4 LATITUDE N 39.851910, LONGITUDE W -86.358989
- A5 LOT 6 PARCEL IN MEJER SUBDIVISION, A REPLAT OF CI COMMERCIAL BLOCK A & BLOCK B, AS PER PLAN THEREOF, RECORDED MARCH 20, 2024 IN PLAT CABINET #, SLIDE 51, PAGES 4A THROUGH 4C, AND AS INSTRUMENT 202406293, IN THE OFFICE OF THE RECORDER OF HENDRICKS COUNTY, INDIANA.
- A6 11x17 INCH PLAT IS INCLUDED SEPARATELY.
- A7 NO FLOODPLAIN, FLOODWAYS, OR FLOODWAY FRINGES ARE ON THE PROPERTY.
- A8 ADJACENT LAND USES: NORTH: COMMERCIAL SOUTH: RESIDENTIAL EAST: COMMERCIAL WEST: COMMERCIAL
- A9 THE PROJECT DOES NOT FALL WITHIN A WATERSHED THAT HAS AN APPROVED OR ESTABLISHED TMDL.
- A10 THE SITE DISCHARGE INTO SCHOOL BRANCH STREAM WITH AN ULTIMATE RECEIVING WATER OF EAGLE CREEK RESERVOIR.
- A11 SCHOOL BRANCH STREAM IS AN IMPAIRED WATERBODY ON THE 303(d) LIST. SCHOOL BRANCH STREAM IS IMPAIRED FOR FULL BODY CONTACT WITH ECOLI AS AN IDENTIFIED ISSUE. EAGLE CREEK RESERVOIR IS AN IMPAIRED FRESHWATER LAKE ON THE 303(d) LIST. EAGLE CREEK RESERVOIR IS IMPAIRED FOR HUMAN HEALTH AND WILDLIFE WITH PCBs IN FISH TISSUE AS AN IDENTIFIED ISSUE AND PUBLIC WATER SUPPLY WITH TASTE AS AN IDENTIFIED ISSUE.
- A12 SOIL MAP AND DESCRIPTIONS SHOWN ON SHEETS C-310 AND C-311.
- A13 THERE ARE NO WETLANDS LOCATED ON SITE.
- A14 IDEM HAS DETERMINED THAT THERE ARE NO WETLANDS ON SITE.
- A15 EXISTING VEGETATIVE COVER DETAILS ARE SHOWN IN THE EXISTING CONDITIONS PLAN, C-100. THERE ARE NO NATURAL BARRIERS PRESENT ON SITE.
- A16 EXISTING TOPOGRAPHY IS SHOWN IN THE EXISTING CONDITIONS PLAN, C-100.
- A17 EXISTING STORMWATER FLOWS ARE SHOWN ON SHEET C-310.
- A18 EXISTING RUNOFF DISCHARGES PRIOR TO LAND DISTURBANCE ARE SHOWN ON THE SWPPP PLANS, C-310 AND C-311.
- A19 LOCATIONS OF ALL EXISTING STRUCTURES ARE SHOWN ON THE EXISTING CONDITIONS PLAN, C-100.
- A20 EXISTING STORMWATER MANAGEMENT FEATURES ARE SHOWN ON SHEET C-100.
- A21 THERE ARE NO KNOWN LOCATIONS OF DIRECT STORMWATER DISCHARGE INTO GROUND WATER AREAS ON SITE OR DOWNSTREAM OF THE SITE. THERE IS AN UNSPECIFIED WELL TYPE LOCATED NORTH OF THE SUBJECT PROPERTY BUT IT IS NOT ANTICIPATED TO IMPACT DIRECT STORMWATER DISCHARGE AS IT IS LOCATED UPSTREAM OF THE SUBJECT PROPERTY.
- A22 PROJECT SITE AREA = 1.54 ACRES.
- A23 DISTURBED ACREAGE = 1.54 ACRES.
- A24 PROPOSED CONTOURS AND SPOT SHOTS ARE PROVIDED ON THE GRADING PLANS, C-300.
- A25 CONSTRUCTION LIMITS ARE SHOWN ON THE STORMWATER POLLUTION PREVENTION PLAN SHEETS, C-310 & C-311.
- A26 ALL PROPOSED STORMWATER SYSTEMS ARE SHOWN ON THE GRADING PLANS, UTILITY PLANS, AND STORM PLAN AND PROFILES, C-300, C-400, C-405, RESPECTIVELY. SEE DETAILS ON SHEET C-703.
- A27 PROPOSED STORMWATER DISCHARGES ARE SHOWN ON THE GRADING, UTILITY, AND PHASE 2 SWPPP PLANS, C-300, C-400, C-311, RESPECTIVELY.
- A28 PROPOSED SITE IMPROVEMENTS ARE SHOWN ON THE SITE PLAN, SHEETS C-200. PROPOSED UTILITY IMPROVEMENTS ARE SHOWN ON UTILITY PLAN, SHEETS C-400. TWO EMERGENCY SPILLWAYS HAVE BEEN CONSTRUCTED AS A PART OF THE MEJER MAIN STORE CONSTRUCTION PROJECT.
- A29 PROPOSED STOCKPILE LOCATION IS PROVIDED ON SHEETS C-310 AND C-311.
- A30 PROPOSED CONSTRUCTION STAGING AREA IS SHOWN ON SHEETS C-310 AND C-311.
- A31 THERE ARE NO WETLAND AREAS LOCATED ON SITE AND WETLAND PERMIT INFORMATION LISTED IN A14.

## SECTION B: CONSTRUCTION COMPONENT

- B1 POTENTIAL POLLUTANT SOURCES DURING CONSTRUCTION ACTIVITIES INCLUDE SEDIMENT, CONCRETE WASTE WATER, TRASH, FUEL, OIL, GREASE, PAINT, EXPOSURE OF THESE POLLUTANTS TO STORMWATER RUNOFF SHOULD BE MINIMIZED BY PERFORMING ACTIVITIES SUCH AS EROSION CONTROL, EQUIPMENT STORAGE, REFUELING, MAINTENANCE AND PORT-A-LET PLACEMENT IN DESIGNATED AREAS AS SHOWN ON THE EROSION CONTROL PLAN.
- B2 CONSTRUCTION ENTRANCE LOCATIONS ARE SHOWN ON SHEETS C-310 AND C-311.  
CONTRACTOR TO REFERENCE SHEET C-312 FOR CONSTRUCTION ENTRANCE DETAILS. FOR DETAILED SPECIFICATIONS AND INSTALLATION REQUIREMENTS, SEE INDIANA STORM WATER QUALITY MANUAL, PUBLISHED BY INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (IDEM), OCTOBER 2007.
- B3 SEE PHASE 1 AND PHASE 2 IMPLEMENTATION SEQUENCING NOTES ON SHEETS C-310 AND C-311. SEE SHEETS C-312 FOR TEMPORARY AND PERMANENT STABILIZATION DETAILS. EROSION CONTROL BLANKETS TO BE USED ON SLOPES GREATER THAN 1:1. EROSION CONTROL BLANKET LOCATIONS ARE SHOWN ON SHEETS C-310 AND C-311. EROSION CONTROL BLANKET DETAIL IS ON SHEET C-312.
- B4 SEDIMENT CONTROL MEASURES FOR CONCENTRATED FLOW AREAS INCLUDE INLET PROTECTION (TYPES 1 AND 2). DETAILS CAN BE FOUND ON SHEET C-313. FOR DETAILED SPECIFICATIONS AND INSTALLATION REQUIREMENTS, SEE INDIANA STORM WATER QUALITY MANUAL, PUBLISHED BY INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (IDEM), OCTOBER 2007.

## (B11) MONITORING AND MAINTENANCE GUIDELINES

EROSION CONTROL MEASURE	MAINTENANCE FREQUENCY	INSTALLATION SEQUENCE
STONE ENTRANCE	AS NEEDED	PRIOR TO CLEARING AND GRADING
SILT FENCE	WEEKLY, AFTER STORM EVENTS AND AS NEEDED	PRIOR TO CLEARING AND GRADING
INLET PROTECTION	WEEKLY, AFTER STORM EVENTS AND AS NEEDED	PRIOR TO CLEARING AND GRADING (EX), ALONG WITH NEW STORM SEWER INLETS (PRO.)
TEMPORARY SEDIMENT BASIN (INCLUDING OUTLET STRUCTURE, DISCHARGING PIPE, TEMPORARY NON-EROSIVE BATTLE, EMERGENCY SPILLWAY)	WEEKLY, AFTER STORM EVENTS AND AS NEEDED	PRIOR TO CLEARING AND GRADING
EROSION CONTROL BLANKET	WEEKLY, AFTER STORM EVENTS AND AS NEEDED	ALONG WITH ALL EARTHWORK ACTIVITIES
SEED, SOO & LANDSCAPE	WATER AS NEEDED	AFTER FINISH GRADING
DUST CONTROL	AS NEEDED	ALONG WITH ALL EARTHWORK ACTIVITIES
CONCRETE WASHOUT	WEEKLY, AFTER STORM EVENTS AND AS NEEDED	PRIOR TO START OF ANY CONCRETE WORK
DIVERSION DITCHES/BERMS	WEEKLY, AFTER STORM EVENTS AND AS NEEDED	ALONG WITH ALL EARTHWORK ACTIVITIES
ROCK CHECK DAM	WEEKLY, AFTER STORM EVENTS AND AS NEEDED	PRIOR TO CLEARING AND GRADING (EX), ALONG WITH DITCH GRADING (PRO.)
ROCK DONUT	WEEKLY, AFTER STORM EVENTS AND AS NEEDED	PRIOR TO CLEARING AND GRADING (EX), ALONG WITH NEW CULVERT PIPE INLETS (PRO.)
REMOVAL OF INLET PROTECTION	N/A	AFTER ALL AREAS DRAINING TO THESE AREAS ARE STABILIZED
REMOVAL OF SILT FENCE	N/A	AFTER ALL AREAS DRAINING TO THESE AREAS ARE STABILIZED
REMOVAL OF TEMPORARY SEDIMENT BASIN APPURTENANCES	N/A	AFTER ALL AREAS DRAINING TO THESE AREAS ARE STABILIZED
REMOVAL OF DIVERSION DITCHES/BERMS	N/A	ALONG WITH INSTALLATION OF STORM SEWER SYSTEM
REMOVAL OF ROCK CHECK DAM	N/A	AFTER ALL AREAS DRAINING TO THESE AREAS ARE STABILIZED
REMOVAL OF ROCK DONUT	N/A	AFTER ALL AREAS DRAINING TO THESE AREAS ARE STABILIZED

# A1 IDEM CONSTRUCTION GENERAL PERMIT NOTES

NTS

## B5 SEDIMENT CONTROL MEASURES FOR SHEET FLOW AREAS ARE SILT FENCE. CONTRACTOR TO REFERENCE THE TOWN OF BROWNSBURG CONSTRUCTION DETAIL, EC-02, FOR DETAILED SPECIFICATIONS AND INSTALLATION REQUIREMENTS. SEE INDIANA STORM WATER QUALITY MANUAL, PUBLISHED BY INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (IDEM), OCTOBER 2007.

- B6 RUNOFF CONTROL MEASURES FOR SWALES AND DIVERSION DITCHES INCLUDES PERMANENT SEEDING WITH EROSION CONTROL BLANKET. DETAILS FOR EROSION CONTROL BLANKET CAN BE FOUND ON SHEET C-312. FOR DETAILED SPECIFICATIONS AND INSTALLATION REQUIREMENTS, SEE INDIANA STORM WATER QUALITY MANUAL, PUBLISHED BY INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (IDEM), OCTOBER 2007.
- B7 NOT APPLICABLE, NO OUTLET PROTECTION IS PROPOSED.
- B8 NOT APPLICABLE, NO GRADE STABILIZATION STRUCTURES ARE PROPOSED.
- B9 DEWATERING METHODS ARE PROVIDED ON SHEETS C-310 AND C-311. DETAIL CAN BE FOUND ON SHEET C-312.
- B10 NO PROPOSED IN-STREAM ACTIVITIES WILL OCCUR ON SITE.
- B11 REFERENCE INDIVIDUAL SWPPP DETAILS ON SHEETS C-312 - C-313 AND CHART BELOW FOR MAINTENANCE PROCEDURES.
- B12 REFERENCE PHASE 1 AND PHASE 2 IMPLEMENTATION SEQUENCING NOTES ON SHEETS C-310 AND C-311 AND EROSION CONTROL NOTES, DETAIL E4, ON THIS SHEET.
- B13 PROPOSED OUTLOTS WILL BE DEVELOPED AT A FUTURE DATE BY INDIVIDUAL OWNERS AND WILL BE REQUIRED TO OBTAIN THEIR OWN PERMIT COVERAGE.
- B14 MATERIAL HANDLING AND SPILL PREVENTION PLAN:  
IN ORDER TO MINIMIZE THE RELEASE OF POTENTIAL POLLUTANTS DURING CONSTRUCTION THE CONTRACTOR SHALL IMPLEMENT THIS MATERIAL HANDLING AND SPILL PREVENTION PLAN. THE CONTRACTOR SHALL REVIEW THIS PLAN WITH ALL SUB-CONTRACTORS AND REQUIRE THAT THEY IMPLEMENT THE PLAN AS WELL. IF A SPILL SHOULD OCCUR PLEASE CONTACT THE APPROPRIATE AUTHORITIES BELOW:  
EMERGENCY RESPONSE 911  
BROWNSBURG FIRE TERRITORY (317) 852-1190  
BROWNSBURG POLICE DEPARTMENT (317) 852-1109  
INDIANA DEPARTMENT OF NATURAL RESOURCES (877) 463-6367  
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (888) 233-7745  
HENDRICKS COUNTY SOIL AND WATER (317) 745-2555 EXT. 3

## SECTION C: POST-CONSTRUCTION COMPONENT

- C1 EXPECTED POLLUTANTS IN THE POST-DEVELOPED CONDITION ARE: SEDIMENT, OIL, GREASE, ANTIFREEZE, AND GASOLINE MAY OCCUR IN LIMITED AMOUNTS AS A RESULT OF THIS PROJECT. THE ONLY OTHER REASONABLY FORESEEN POLLUTION FROM THIS SITE WILL BE LITTER AND TRASH DUMPED BY OTHERS.
- C2 THE STORMWATER MANAGEMENT SYSTEM OF THIS SITE WILL CONNECT TO THE DRY DETENTION BASIN AND UNDERGROUND DETENTION SYSTEM OF THE LARGER MEJER DEVELOPMENT LOCATED NORTHEAST OF THE SITE. VEGETATION COVERS THE TOP AND SIDES OF THE DRY BASIN. THE SITE DRAINS TO AN ADS WQS WATER QUALITY STRUCTURE IMMEDIATELY NORTH OF THE MEJER CONVENIENCE STORE, THAT SERVES AS PRE-TREATMENT PRIOR TO SITE RUNOFF ENTERING THE DETENTION SYSTEMS.
- C3 ALL STRUCTURES HAVE A SUMP TO CAPTURE DEBRIS AND SEDIMENT ON SHEETS C-311.
- C4 SEE PHASE 1 AND PHASE 2 SEQUENCING NOTES ON C-310 AND C-312, RESPECTIVELY, FOR AN APPROPRIATE CONSTRUCTION SEQUENCING AND INSTALLATION OF EROSION CONTROL MEASURES.
- C5 APPLICABLE MAINTENANCE MANUALS ARE INCLUDED SEPARATELY.
- C6 OWNER CONTACT:  
KEVIN WIERNIGA  
MEJER STORES LIMITED PARTNERSHIP  
2350 THREE MILE ROAD NW  
GRAND RAPIDS, MICHIGAN 49544  
PHONE: (616) 916-3288

## GENERAL NOTES

- 1. THE CONTRACTOR SHALL CONTROL WASTE, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE IN SUCH A WAY THAT THEY SHALL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WINDS, STORM WATER RUNOFF, OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIALS, APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL, IS REQUIRED.
- 2. PUBLIC OR PRIVATE ROADWAYS SHALL BE KEPT CLEARED OF ACCUMULATED SEDIMENT. BULK CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER. CLEARED SEDIMENT SHALL BE RETURNED TO THE POINT OF ORIGIN OR OTHER SUITABLE LOCATION.
- 3. THE EROSION CONTROL PLAN SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE. ALL BMPs DURING CONSTRUCTION PRACTICES SHALL BE INSTALLED UNDER THE GUIDANCE OF QUALIFIED PERSONNEL EXPERIENCED IN EROSION CONTROL, AND FOLLOWING THE PLANS AND SPECIFICATIONS INCLUDED HEREIN.
- 4. ALL EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH MEJER SPECIFICATIONS AND THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT'S "INDIANA STORM WATER QUALITY MANUAL" DATED OCTOBER 2007.
- 5. EROSION CONTROL MEASURES SHOWN ON THESE PLANS SHALL BE IMPLEMENTED PRIOR TO AND DURING CONSTRUCTION IN THE PROPOSED SEQUENCING TO MINIMIZE SOIL EROSION. EROSION CONTROL SHALL BE INSPECTED AND MAINTAINED AS DESCRIBED ELSEWHERE IN THESE PLANS. EXCESSIVE DUSTING OF SOIL ON THE SITE SHALL BE MINIMIZED BY REDUCING CONSTRUCTION TRAFFIC ACROSS BARE SOIL DURING DRY AND/OR WINDY WEATHER, AND BY APPLYING WATER OR OTHER ACCEPTABLE DUST CONTROL MEASURES TO THE SOIL UPON COMPLETION OF CONSTRUCTION AND SUITABLE ESTABLISHMENT OF PERMANENT VEGETATION. TEMPORARY EROSION CONTROL MEASURES SUCH AS SILT FENCE AND INLET PROTECTION DEVICES SHALL BE REMOVED IN A MANNER TO MINIMIZE ADDITIONAL LAND DISTURBANCE. ANY AREAS DISTURBED BY THESE OPERATIONS SHALL BE PROPERLY REVEGETATED.
- 6. LARGE WASTE MATERIALS CREATED BY CUTTING, SAWING, DRILLING, OR OTHER OPERATIONS SHALL BE PROPERLY STORED OR PROPERLY DISPOSED OF ON SITE. THE SITE SHALL BE CHECKED AT THE END OF THE DAY, AT A MINIMUM, AND ALL WASTE MATERIALS INCLUDING THOSE BLOWN ACROSS OR OFF THE SITE BY WIND SHALL BE PICKED UP IN SUITABLE CONTAINERS, WHERE POSSIBLE. OPERATIONS SUCH AS SAWING THAT CREATE SMALL PARTICLES SHOULD BE PERFORMED IN ONE SPOT IN AN AREA PROTECTED FROM WIND. AIRBORNE PARTICLES COLLECTED AND DISPOSED OF FREQUENTLY TO MINIMIZE WIND DISPERSAL. PACKAGING USED TO TRANSPORT MATERIALS TO THE SITE FOR CONSTRUCTION OF THE FACILITY SHALL BE DISPOSED OF PROPERLY, WHETHER THE MATERIAL IS TAKEN OUT OF ITS PACKAGING AND INCORPORATED INTO THE PROJECT IMMEDIATELY OR STORED ON-SITE FOR FUTURE USE. PACKAGED MATERIALS STORED ON-SITE SHALL BE INSPECTED REGULARLY, AND ANY LOOSE PACKAGING SHALL BE REPAIRED OR DISPOSED OF PROPERLY.
- 7. ALL DEWATERING ACTIVITIES SHALL BE DONE IN ACCORDANCE TO GOOD EROSION CONTROL PRACTICES. THESE PRACTICES INCLUDE THE USE OF RIBBON BAGS SUCH AS DANDY BIRT BAGS. THE USE OF THESE TYPES OF DEWATERING DEVICES WILL REMOVE LARGE QUANTITIES OF SILT, SEDIMENT, AND DIRT AND PREVENT THESE MATERIALS FROM ENTERING THE STORM SEWER SYSTEM.
- 8. IF THE USE OF LIMES IS USED TO STABILIZE THE SOIL OF THE SITE THEN ALL CONSTRUCTION EQUIPMENT USED SHALL BE CLEARED OF EXCESS MATERIAL WITH WATER IN THE CONSTRUCTION STAGING AREA AS SHOWN WITH THESE PLANS.
- 9. NUTRIENTS AND FERTILIZERS SHALL ONLY BE USED TO ESTABLISH RAPID VEGETATION, WHEN THESE

## TEMPORARY SEDIMENT BASIN MAINTENANCE REQUIREMENTS

- 1. INSPECT WITHIN 24 HOURS OF A RAIN EVENT AND AT LEAST ONCE EVERY SEVEN CALENDAR DAYS.
- 2. REMOVE AND PROPERLY DISPOSE OF SEDIMENT WHEN IT ACCUMULATES TO ONE-HALF THE DESIGN VOLUME. PERIODICALLY CHECK EMBANKMENT, EXCESSIVE SPILLWAYS, AND OUTLET FOR EROSION DAMAGE, PILING, SETTLING, SEEPAGE, OR SLUMPING ALONG THE TOE OR AROUND THE BARREL. REPAIR IMMEDIATELY.
- 3. REMOVE TRASH AND OTHER DEBRIS FROM RISER, EMERGENCY SPILLWAY AND POOL AREA.
- 4. CLEAN OR REPLACE AGGREGATE AROUND THE RISER IF THE SEDIMENT POOL DOES NOT DEWATER (DRAIN) WITHIN 48 TO 72 HOURS FOLLOWING A STORM WATER RUNOFF EVENT.
- 5. REMOVE BASIN AFTER DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, INSPECTED, AND APPROVED, DO SO BY DRAINING ANY WATER, REMOVING SEDIMENT TO A DESIGNATED DISPOSAL AREA, SMOOTHING THE SITE TO BLEND WITH THE SURROUNDING AREA, AND THEN STABILIZING WITH SEED AND MULCH OR ANOTHER APPROPRIATE NONEROSIVE COVER.

## EROSION CONTROL BLANKET MAINTENANCE REQUIREMENTS

- 1. INSPECT WITHIN 24 HOURS OF A RAIN EVENT AND AT LEAST ONCE EVERY SEVEN CALENDAR DAYS.
- 2. CHECK FOR EROSION OR DISPLACEMENT OF THE BLANKET.
- 3. IF ANY EROSION OCCURS, REPAIR IMMEDIATELY. REPAIR SHOULD BE FERTILIZED, WATERED AND RESEDED AS NEEDED. THE CONTRACTOR IS RESPONSIBLE TO ENSURE VEGETATION IS ESTABLISHED FOR A WARRANTY PERIOD OF ONE FULL GROWING SEASON.
- 4. WHEN DAMS ARE NOT LOGGED, REMOVE THE RIPRAP AND AGGREGATE AND STABILIZE THE CHANNEL.
- 5. REPAIR AND AGGREGATE AS NEEDED TO MAINTAIN DESIGN HEIGHT AND CROSS SECTION OF THE DAMS.
- 6. IF SIGNIFICANT EROSION OCCURS BETWEEN DAMS, INSTALL AN EROSION-RESISTANT LINER IN THAT PORTION OF THE CHANNEL.
- 7. REPAIR ANY BROKEN ROAD PAVEMENT IMMEDIATELY.

## CONCRETE WASHOUT MAINTENANCE REQUIREMENTS

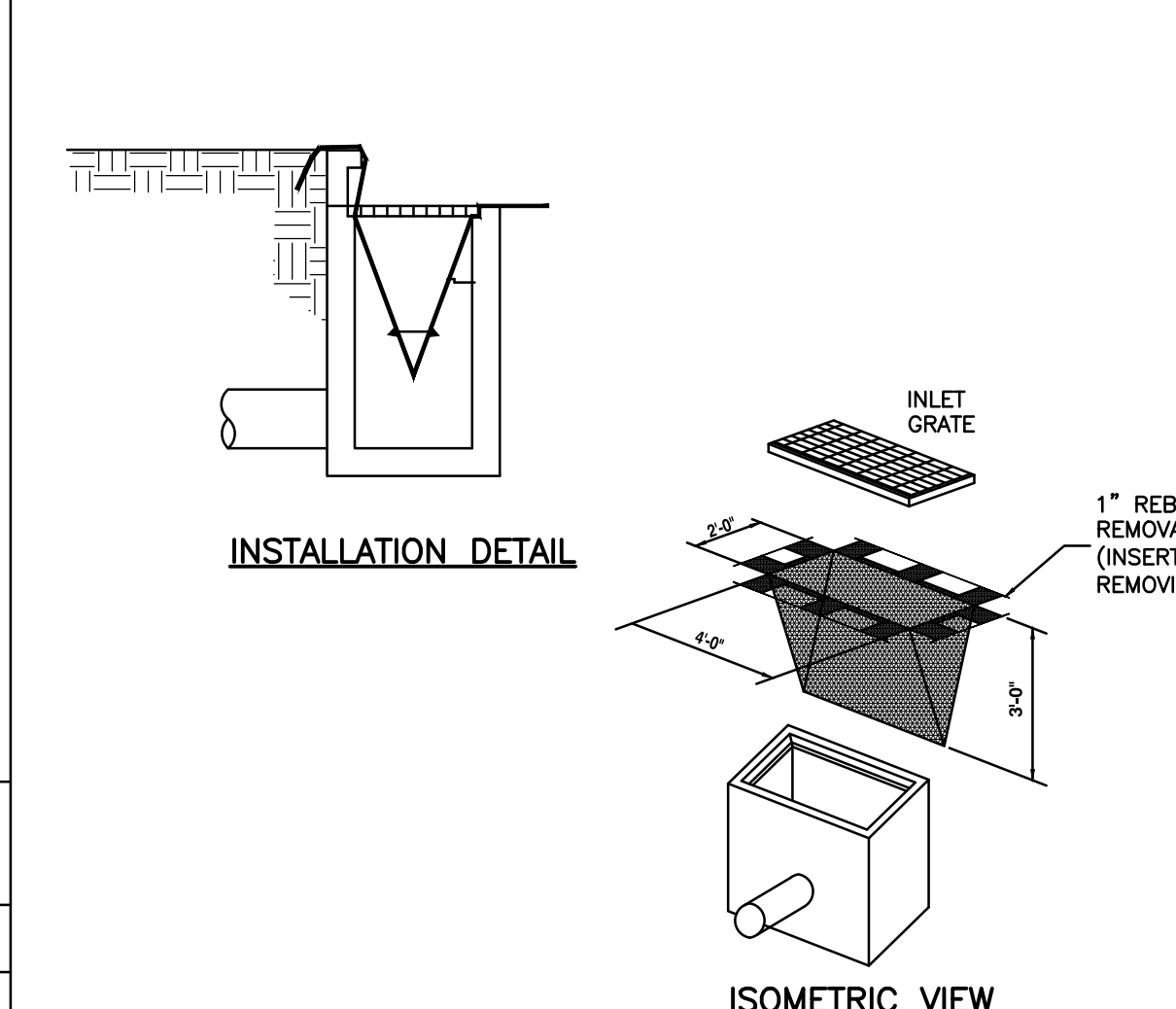
- 1. INSPECT EACH CONCRETE WASHOUT AREA DAILY AND AFTER STORM EVENTS OR HEAVY USE.
- 2. INSPECT THE INTEGRITY OF THE OVERALL STRUCTURE. CHECK FOR LEAKS, SPILLS OR TRACKING OF SOIL BY EQUIPMENT.
- 3. REMOVE EXCESS CONCRETE WHEN WASHOUT SYSTEMS REACHES 50% OF THE DESIGN CAPACITY. UPON REMOVAL, INSPECT STRUCTURE. REPAIR AS NEEDED.
- 4. DISPOSE OF ALL CONCRETE IN A LEGAL MANNER.
- 5. REPLACE PLASTIC LINER AFTER EVERY CLEANING. ENLARGE AS NECESSARY TO MAINTAIN CAPACITY.

## ROCK DONUT MAINTENANCE REQUIREMENTS

- 1. INSPECT EACH ROCK DONUT MEASURE DAILY AND AFTER STORM EVENTS OR HEAVY USE.
- 2. MAKE NEEDED REPAIRS IMMEDIATELY.
- 3. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES ONE-HALF THE HEIGHT OF THE ROCK DONUT TO MAINTAIN DESIGN CAPACITY.
- 4. ADD RIPRAP AND AGGREGATE AS NEEDED TO MAINTAIN DESIGN HEIGHT AND CROSS SECTION OF THE ROCK DONUTS.
- 5. WHEN THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE RIPRAP AND AGGREGATE AND PROPERLY DISPOSE OF ALL SEDIMENT AND CONSTRUCTION MATERIAL AND RESTABILIZE.

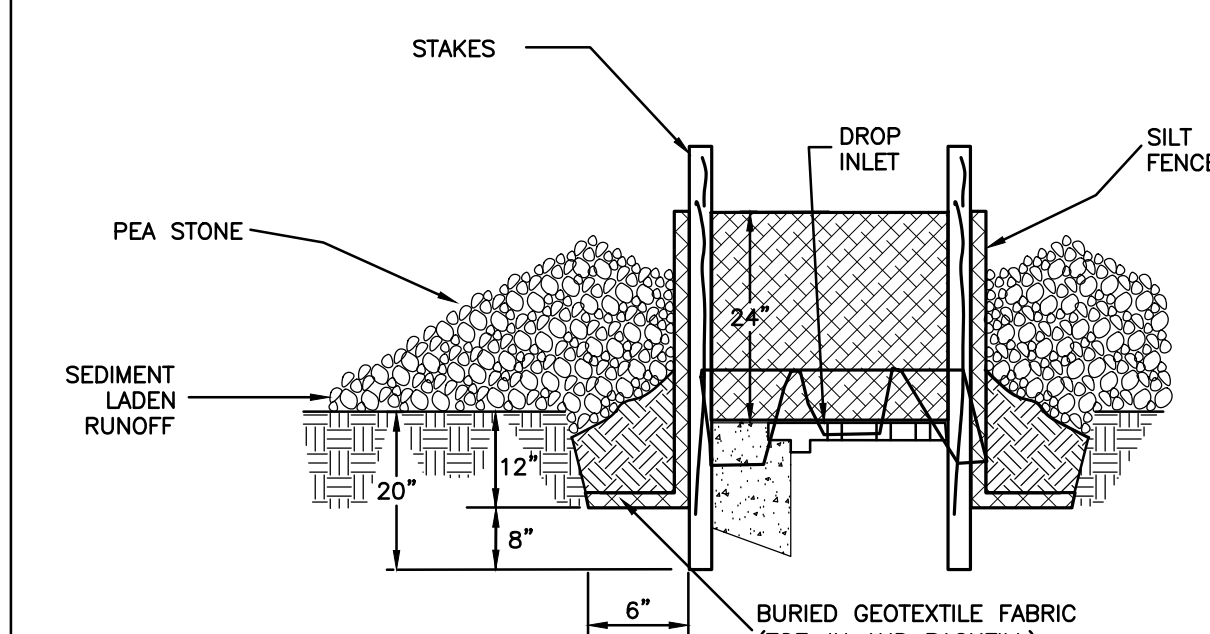
## A4 EROSION CONTROL NOTES

NTS

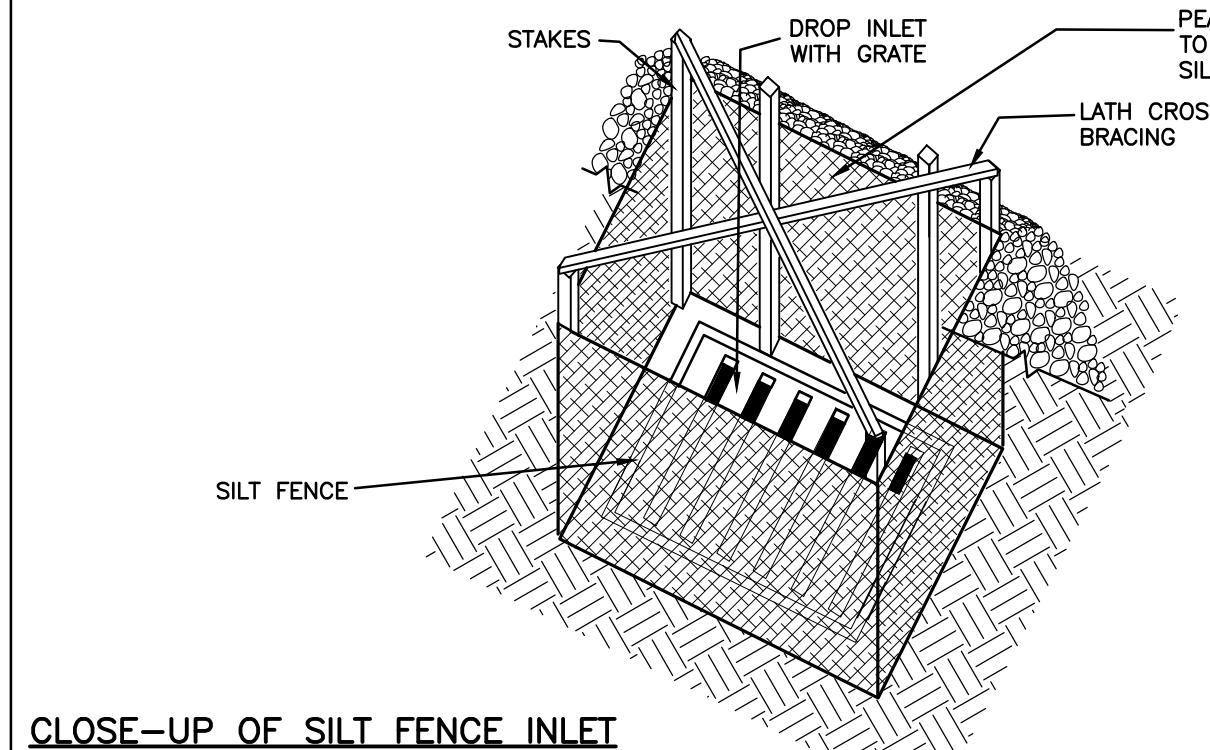


# D4 INLET PROTECTION - TYPE 1 (PAVED AREAS)

NTS



## CLOSE-UP OF SILT FENCE INLET



# C4 INLET PROTECTION - TYPE 2 (LAWN AREAS)

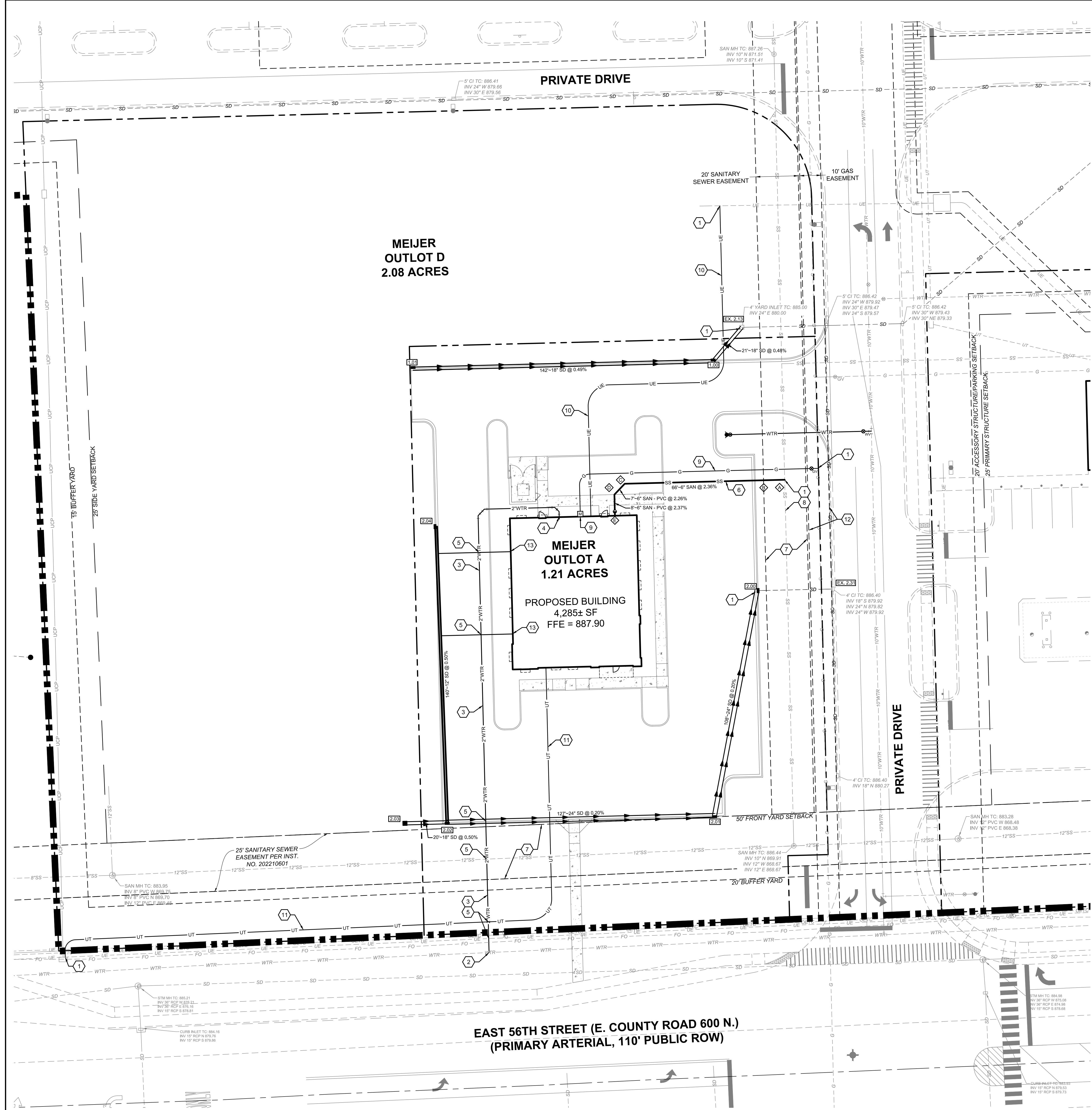
NTS

- 1. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE SWPPP ON THE SITE FOR THE DURATION OF CONSTRUCTION.
- 2. THE CONTRACTOR SHALL ADHERE TO THE SWPPP DURING CONSTRUCTION OPERATIONS.
- 3. THE SWPPP INCLUDES SPECIFICATION SECTION 01150, THE SWPPP NARRATIVE AND ASSOCIATED APPENDICES, AND THE SWPPP DRAWINGS AND ASSOCIATED DETAIL SHEETS.
- 4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN AND REPAIR ALL BMPs DURING CONSTRUCTION OPERATIONS.
- 5. ALL EARTH-DISTURBING CONSTRUCTION ACTIVITIES SHALL BE PERFORMED WITHIN THE LIMITS OF DISTURBANCE AS INDICATED ON THE SWPPP DRAWINGS.
- 6. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE LIMITS OF DISTURBANCE SHOWN ON THE DRAWINGS AND FIELD-STAKING THE LIMITS OF DISTURBANCE LINE PRIOR TO THE START OF CONSTRUCTION.
- 7. PERMITTER EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED PRIOR TO THE START OF ANY LAND CLEARING OR GRADING ACTIVITIES.
- 8. THE CONTRACTOR SHALL APPLY TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES WHEN REQUIRED BY THESE PLAN DRAWINGS AND IMPLEMENT ADDITIONAL MEASURES AS DICTATED BY SITE CONDITIONS.
- 9. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ANY SEDIMENTATION RESULTING FROM WORK ON THIS SITE IS CONTAINED ON THE SITE AND NOT ALLOWED TO COLLECT ON ANY OFF-SITE AREAS OR IN WATERWAYS.
- 10. SLOPES ARE TO BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- 11. CONTRACTOR LAYDOWN, STAGING AND STOCKPILE AREAS ARE TO BE LOCATED WITHIN THE PERMITTED LIMITS OF DISTURBANCE.
- 12. SILT FENCE IS TO BE INSTALLED AROUND THE PERIMETER OF ON-SITE SOIL STOCKPILE AREAS AS DICTATED BY SITE CONDITIONS. ADDITIONAL MEASURES SUCH AS THE USE OF STOCKPILE AREAS ARE TO BE STABILIZED AS REQUIRED HEREIN.
- 13. THE CONTRACTOR IS RESPONSIBLE FOR REGULARLY CHECKING SEEDED AREAS TO SEE THAT A GOOD STAND OF VEGETATION IS ESTABLISHED. AREAS SHOULD BE FERTILIZED, WATERED AND RESEDED AS NEEDED. THE CONTRACTOR IS RESPONSIBLE TO ENSURE VEGETATION IS ESTABLISHED FOR A WARRANTY PERIOD OF ONE FULL GROWING SEASON.
- 14. TRACKING OF SOIL AND SEDIMENT ONTO OFF-SITE ROADWAYS SHALL BE MINIMIZED THROUGH THE USE OF APPROPRIATE MEASURES. THE CONTRACTOR SHALL IMMEDIATELY REMOVE ANY SOIL OR SEDIMENT TRACKED ONTO THE ROADWAYS.
- 15. THE CONTRACTOR SHALL BRING TO THE SITE AND USE ONLY EQUIPMENT THAT IS WELL-MAINTAINED AND WITHOUT LEAKS.
- 16. PROVIDE INLET PROTECTION TO EXISTING STRUCTURES PRIOR TO THEIR REMOVAL. DURING REMOVAL OF STORM SEWER, ENSURE APPROPRIATE MEASURES ARE IN PLACE TO PREVENT SEDIMENT MOVEMENT THROUGH OPEN PIPING.
- 17. CAP STORM PIPING AT LIMITS OF ABANDONMENT OR REMOVAL TO PREVENT SEDIMENT FROM LEAVING THE SITE.
- 18. SHOULD CONTRACTOR ADD OR VARY LOCATIONS OF STAGING AREA AND/OR STOCKPILES ON THE SITE, HE SHALL CONTACT THE ENGINEER TO ENSURE LOCATION IS APPROPRIATE. PROTECT ADJACENT AREA AS NECESSARY PER SWPPP REQUIREMENTS.
- 19. PRIOR TO REMOVING EXCAVATION MATERIALS FROM THE SITE, THE CONTRACTOR SHALL NOTIFY THE TOWN OF BROWNSBURG AND OTHER APPROPRIATE AGENCIES AS WELL AS SECURE ALL NECESSARY PERMITS.
- 20. ADJUST EROSION CONTROL BMPs AS NECESSARY AS SITE DEVELOPMENT PROCEEDS UPON APPROVAL AND DOCUMENTATION FROM THE ENGINEER. INCORPORATE ANY CHANGES OF TEMPORARY STABILIZATION MEASURES MUST BE INITIATED IMMEDIATELY AND COMPLETED WITHIN SEVEN (7) DAYS FROM WHEN CONSTRUCTION ACTIVITIES TEMPORARILY CEASED ON ANY PORTION OF THE SITE.
- 21. SHOULD IT BECOME EVIDENT THAT ADDITIONAL EROSION CONTROL BMPs ARE NECESSARY, THEY SHALL BE INSTALLED AS REQUIRED PER TOWN REQUIREMENTS WITH APPROVAL FROM CIVIL ENGINEERING CONSULTANT. INCORPORATE ANY CHANGES IN THE SWPPP DRAWINGS.
- 22. CONSTRUCTION FENCE AND SILT FENCE ARE SHOWN SCHEMATICALLY. CONTRACTOR SHALL ADJUST AS NECESSARY AND MARK ON AS-BUILT DRAWINGS.
- 23. GROUND AREAS OUTSIDE LIMITS OF DISTURBANCE SHALL NOT BE DISTURBED.
- 24. PROVIDE EROSION CONTROL BLANKET ON ANY PROPOSED SLOPE GREATER THAN 3:1 OR AS INDICATED ON PLANS.
- 25. ERODIBLE MATERIAL RAMPAS IN STREETS ARE NOT PERMITTED. USE NON-EROSIVE MATERIALS (E.G., WOOD AND STONE) TO ENABLE EQUIPMENT TO CROSS CURVES.
- 26. CONTRACTOR SHALL INSPECT THE SITE FOR SOIL EROSION, SEDIMENT CONTROL AND OTHER ENVIRONMENTAL CONCERNS BY THE END OF THE NEXT BUSINESS DAY FOLLOWING EACH MEASURABLE STORM EVENT (EQUAL TO OR GREATER THAN ONE-HALF (0.5) INCH OF RAINFALL) AND AT A MINIMUM OF ONE (1) TIME PER WEEK, UNTIL THE TOWN CERTIFIES THE SITE AS BEING STABLE. CONTRACTOR SHALL SUBMIT TO THE TOWN A COPY OF ALL REQUIRED INSPECTION SHEETS WITHIN TWO (2) WORKING DAYS OF THE DATE THAT THE INSPECTION WAS CONDUCTED. ALL INSPECTION RECORDS WILL BE KEPT FOR THREE (3) YEARS AFTER TERMINATION OF CONSTRUCTION ACTIVITIES.
- 27. IF INSPECTION REVEALS THAT A BMP IS IN NEED OF REPAIR OR MAINTENANCE, IT MUST BE REPAIRED OR MAINTAINED WITHIN TWENTY-FOUR (24) HOURS OF THE INSPECTION.
- 27.1. IF THE INSPECTION REVEALS THAT A CONTROL PRACTICE FAILS TO PERFORM ITS INTENDED FUNCTION AND THAT ANOTHER, MORE APPROPRIATE CONTROL PRACTICE IS REQUIRED, THE SWP3 MUST BE AMENDED AND THE NEW CONTROL PRACTICE MUST BE INSTALLED WITHIN 10 DAYS OF INSPECTION.
- 27.2. IF THE INSPECTION REVEALS THAT A CONTROL PRACTICE HAS NOT YET BEEN IMPLEMENTED IN ACCORDANCE WITH THE SWP3, THE CONTRACTOR SHALL NOTIFY THE TOWN OF BROWNSBURG WITHIN 10 DAYS FROM THE DATE OF INSPECTION. IF THE INSPECTION REVEALS THAT THE PLANNED CONTROL PRACTICE IS NOT NEEDED, THE RECORD MUST BE AMENDED AND AN EXPLANATION AS TO WHY THE CONTROL PRACTICE IS NOT NEEDED.
- 28. PRIOR TO START OF CONSTRUCTION, CONTRACTOR TO DOCUMENT CONDITION OF ALL EXISTING DOWNSTREAM STORM SEWER SYSTEMS TO WHICH SITE DISCHARGES. PROVIDE VIDEO OR PHOTO EVIDENCE OF STORM STRUCTURES DURING CONSTRUCTION. REMOVE SEDIMENT FROM PIPE IMMEDIATELY DOWNSTREAM UPON COMPLETION OF CONSTRUCTION. CONTRACTOR TO CLEAN OUT STRUCTURE AND PIPE BACK TO THEIR ORIGINAL DOCUMENTED LOCATION. CLEANING SHALL OCCUR BY USE OF VACUUM, DO NOT FLUSH ACCUMULATED SEDIMENT.
- 29. CONTRACTOR TO PROVIDE AND UTILIZE A LINED DUMPSTER FOR USE AS A CONCRETE WASHOUT AREA. THE CONCRETE WASHOUT SHALL BE LOCATED A MINIMUM OF 50' AWAY FROM ANY ADJACENT STORM DRAINAGE STRUCTURES.
- 30. DIRECT DISCHARGE OF SEDIMENT LADEN WATER TO THE STORM SEWER SYSTEM OR A RECEIVING STREAM IS A VIOLATION OF TITLE 327 OF THE INDIANA ADMINISTRATIVE CODE. THE CONTRACTOR SHALL NOTIFY THE TOWN OF BROWNSBURG AND OTHER APPROPRIATE AGENCIES AS WELL AS SECURE ALL NECESSARY PERMITS.
- 31. IMPLEMENT TEMPORARY STABILIZATION MEASURES ON ANY DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES WILL NOT RESUME FOR 14 DAYS OR MORE. IMPLEMENTATION OF TEMPORARY STABILIZATION MEASURES MUST BE INITIATED IMMEDIATELY AND COMPLETED WITHIN SEVEN (7) DAYS FROM WHEN CONSTRUCTION ACTIVITIES TEMPORARILY CEASED ON ANY PORTION OF THE SITE.
- 32. EXPOSED AREAS ARE TO BE SEED/STABILIZED AS SPECIFIED WITHIN SEVEN (7) DAYS FOLLOWING THE CONCLUSION OF FINAL GRADING IN THAT AREA.
- 33. NO VEHICLES AND EQUIPMENT CLEANING IS ALLOWED AT LOCATIONS WHERE RUNOFF SHALL FLOW DIRECTLY INTO A WATER COURSE.
- 34. THE CONTRACTOR SHALL CONTROL WASTE, GARBAGE, DEBRIS, WASTEWATER, AND OTHER SUBSTANCES ON THE SITE IN SUCH A WAY THAT THEY SHALL NOT BE TRANSPORTED FROM THE SITE BY THE ACTION OF WINDS, STORMWATER RUNOFF, OR OTHER FORCES. PROPER DISPOSAL OR MANAGEMENT OF ALL WASTES AND UNUSED BUILDING MATERIALS, APPROPRIATE TO THE NATURE OF THE WASTE OR MATERIAL, IS REQUIRED.
- 35. THIS EROSION CONTROL PLAN SHALL BE IMPLEMENTED ON ALL DISTURBED AREAS WITHIN THE CONSTRUCTION SITE. ALL MEASURES INVOLVING EROSION CONTROL PRACTICES SHALL BE INSTALLED UNDER THE GUIDANCE OF QUALIFIED PERSONNEL EXPERIENCED IN EROSION CONTROL. LOCATIONS NOT SHOWN ON SWPPP PLAN SHEETS, HEREIN.
- 36. TOWN OF BROWNSBURG HAS THE RIGHT TO REQUIRE ADDITIONAL EROSION CONTROL MEASURES IN THE FIELD AS CONDITIONS WARRANT.
- 37. IF EQUIPMENT/MACHINERY FUELING IS TO OCCUR ON SITE, PROVIDE PROTECTION TO CAPTURE FUEL SPILLS.
- 38. CONTRACTOR SHALL CLEAN UP SPILLS AS NECESSARY IN A LAWFUL MANNER.
- 39. REFER TO DETAILS D4 AND C4 ON C-705 AND DETAIL D1 ON C-314 FOR BASIN OUTLET CONTROL DESIGN AND SEQUENCING INFORMATION, RESPECTIVELY.
- 40. SEE STORMWATER MANAGEMENT REPORT FOR POST-CONSTRUCTION FLOW QUALITY VOLUME CALCULATIONS.
- 41. SEE SHEET C-300 SERIES PLANS FOR DETAILED GRADING INFORMATION.
- 42. SEE SHEET C-400 SERIES PLANS FOR STORM SEWER DESIGN INFORMATION.
- 43. CONTRACTOR TO COORDINATE WITH ENGINEER TO LOCATE ADDITIONAL STOCKPILE LOCATIONS NOT SHOWN ON SWPPP PLAN SHEETS.
- 44. TRACKING OF SOIL AND SEDIMENT ONTO OFF-SITE ROADWAYS SHALL BE MINIMIZED THROUGH THE USE OF APPROPRIATE MEASURES. BULK CLEARING OF ACCUMULATED SEDIMENT SHALL NOT INCLUDE FLUSHING THE AREA WITH WATER. THE CONTRACTOR SHALL IMMEDIATELY REMOVE ANY SOIL OR SEDIMENT TRACKED ONTO THE ROADWAYS.
- 45. REMOVE SEDIMENT FROM SEDIMENT BASINS IF EITHER REACHES 50% CAPACITY DURING CONSTRUCTION. REMOVE SEDIMENT FROM SEDIMENT BASINS UPON STABILIZATION OF SITE.
- 46. ALL EROSION CONTROL PRACTICES SHALL BE IN ACCORDANCE WITH INDIANAS STORMWATER QUALITY MANUAL FROM THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT (IDEM), HENDRICKS COUNTY STORMWATER TECHNICAL STANDARDS MANUAL, AND THE TOWN OF BROWNSBURG STORMWATER CONSTRUCTION STANDARDS AND STORMWATER ORDINANCE.

4454 Idea Center Boulevard  
Dayton, OH 45430  
937.461.5660

---

Images: \xrefs: 10026635-b.dwg; 10026635-x.dwg; 10026635\BLK.dwg  
 User: jvan\_gardner  
 Date: 1/29/2026 10:49:03 AM  
 C:\DE\clients\Meijer\10026635-Meijer-338A-001 Brownsburg, IN\4.0 Disciplines\Civil\Cadd\Cad\10026635-UTL.dwg Plotted By:VanGardner, Brienne Plotted:January 23, 2026, 10:54:49 AM



**LEGEND**

- MEIJER PROPERTY LINE
- PROPERTY LINE
- EXISTING STORM SEWER
- EXISTING WATER MAIN
- EXISTING SANITARY SEWER
- EXISTING GAS MAIN
- EXISTING UNDERGROUND ELECTRIC
- EXISTING UNDERGROUND TELEPHONE
- EXISTING OVERHEAD ELECTRIC
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING CURB INLET
- EXISTING CATCH BASIN
- EXISTING FIRE HYDRANT
- EXISTING POWER POLE
- CURB INLET
- CATCH BASIN
- CLEANOUT
- STORM SEWER
- STORM STRUCTURE I.D.
- SANITARY SEWER
- SANITARY STRUCTURE I.D.
- DOMESTIC WATER SERVICE, SIZE PER PLAN
- WATER VALVE
- TEE WITH THRUST BLOCK
- WATER BEND WITH THRUST BLOCK
- GAS SERVICE
- GAS VALVE
- GAS METER
- UNDERGROUND COMMUNICATIONS SERVICE
- UNDERGROUND ELECTRIC SERVICE
- LIGHT POLE

**GENERAL NOTES**

1. VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. UTILITIES SHALL END 5 FEET FROM THE BUILDING UNLESS NOTED OTHERWISE.
3. PROTECT AND MAINTAIN CROSSINGS OF OTHER UTILITIES.
4. ALL DIMENSIONS ARE TO CENTERLINE OF PIPE, CENTER OF MANHOLE, EDGE OF PAVEMENT OR BACK OF CURB WHERE APPLICABLE. DIMENSIONS TO COLUMN LINE ASSUME 9" THICK BUILDING WALL.
5. ALL MATERIAL, SPECIFICATIONS, AND CONSTRUCTION METHODS SHALL BE IN CONFORMANCE WITH MEIJER STANDARD SPECIFICATIONS AND DETAILS AND TOWN OF BROWNSBURG AND HENRIKUS COUNTY REQUIREMENTS.
6. PROVIDE MINIMUM 18" VERTICAL CLEARANCE AT ALL UTILITY CROSSINGS.
7. BEFORE COMMENCING WORK, CONTRACTOR SHALL VERIFY ALL LOCATIONS AND ELEVATIONS OF EXISTING UTILITIES.

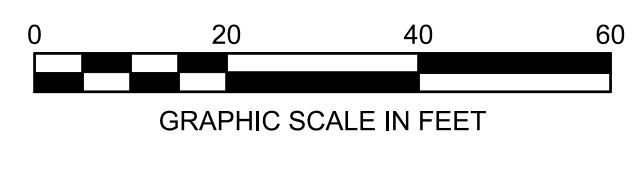
**KEYNOTES**

1. CONNECT TO EXISTING UTILITY PER AGENCY REQUIREMENTS, CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITY IN WHICH TO MAKE CONNECTION.
2. CONNECT TO EXISTING WATER MAIN PER CITIZENS ENERGY GROUP REQUIREMENTS, CONTRACTOR TO VERIFY THERE IS 3' OF CLEARANCE FROM EXISTING TAPS AND FITTINGS.
3. 2" DOMESTIC WATER SERVICE, HDPE SDR9, 1.5" DOMESTIC METER AND BACKFLOW PREVENTER TO BE LOCATED INSIDE THE BUILDING.
4. COPPER OR DUCTILE IRON SHALL BE INSTALLED FROM 5 FEET OUTSIDE OF THE BUILDING FOOTER INTO THE BUILDING METER SETUP. SEE ARCHITECTURAL PLANS FOR CONTINUATION. SEE CEG STANDARDS SECTION 8.00.
5. ADJUST WATER LINE VERTICALLY AS NECESSARY TO PROVIDE 18" VERTICAL CLEARANCE FROM SANITARY OR STORM SEWER WHILE MAINTAINING APPROPRIATE COVER FOR WATER LINE.
6. 6" SANITARY SERVICE.
7. PUBLIC SANITARY EASEMENT.
8. PUBLIC SANITARY SEWER.
9. GAS SERVICE AND METER.
10. UNDERGROUND ELECTRIC SERVICE, PROVIDE (2) 4" CONDUIT FOR ELECTRIC SERVICE.
11. UNDERGROUND COMMUNICATIONS SERVICE, PROVIDE (2) 4" CONDUIT FOR TELECOMMUNICATIONS.
12. GAS EASEMENT.
13. 6" ROOF DRAIN FOR GUTTER DOWNSPOUTS.

**WATER NOTES**

- ALL MATERIALS, INSTALLATION, TESTING, AND RELATED WORK SHALL COMPLY WITH THE CITIZENS WATER STANDARDS MANUAL, LATEST EDITION.
1. FULL-DEPTH GRANULAR BACKFILL IS REQUIRED BENEATH AND WITHIN (6) FEET OF ALL PAVEMENT, IN ACCORDANCE WITH THE CITIZENS WATER STANDARDS MANUAL, LATEST EDITION.
  2. THE TRACING WIRE AND IDENTIFICATION RIBBON SHALL BE INSTALLED AS SPECIFIED IN SECTION 9.17, "INSTALLATION OF TRACING WIRE AND IDENTIFICATION RIBBON"
  3. MANDATORY PIPE COVER SHALL BE 64-INCH BELOW FINISHED GRADE OR AS REQUIRED BY 327 IAC 8-3.2.17.
  4. A MINIMUM OF A 10' HORIZONTAL SEPARATION AND AN 18" VERTICAL SEPARATION BETWEEN SEWER LINES (SANITARY OR STORM) AND THE WATER SERVICE LINES MUST BE MAINTAINED.
  5. TAPS MUST BE A MINIMUM OF 3 FEET FROM EACH OTHER EXISTING FITTINGS.
  6. TAPS MUST BE PERPENDICULAR TO THE MAIN.
  7. BENDS ARE NOT ALLOWED WITHIN THE RIGHT-OF-WAY.
  8. AT LEAST 3' OF SEPARATION MUST MAINTAINED BETWEEN THE WATER SERVICE LINES AND OTHER UTILITIES.

A1 UTILITY PLAN  
 1"=20'



4454 Idea Center Boulevard  
 Dayton, OH 45430  
 937.461.5660

**meijer**  
 2929 WALKER AVENUE  
 GRAND RAPIDS, MICHIGAN 49544  
 (616) 453-6711

REV.	DATE	DESCRIPTION

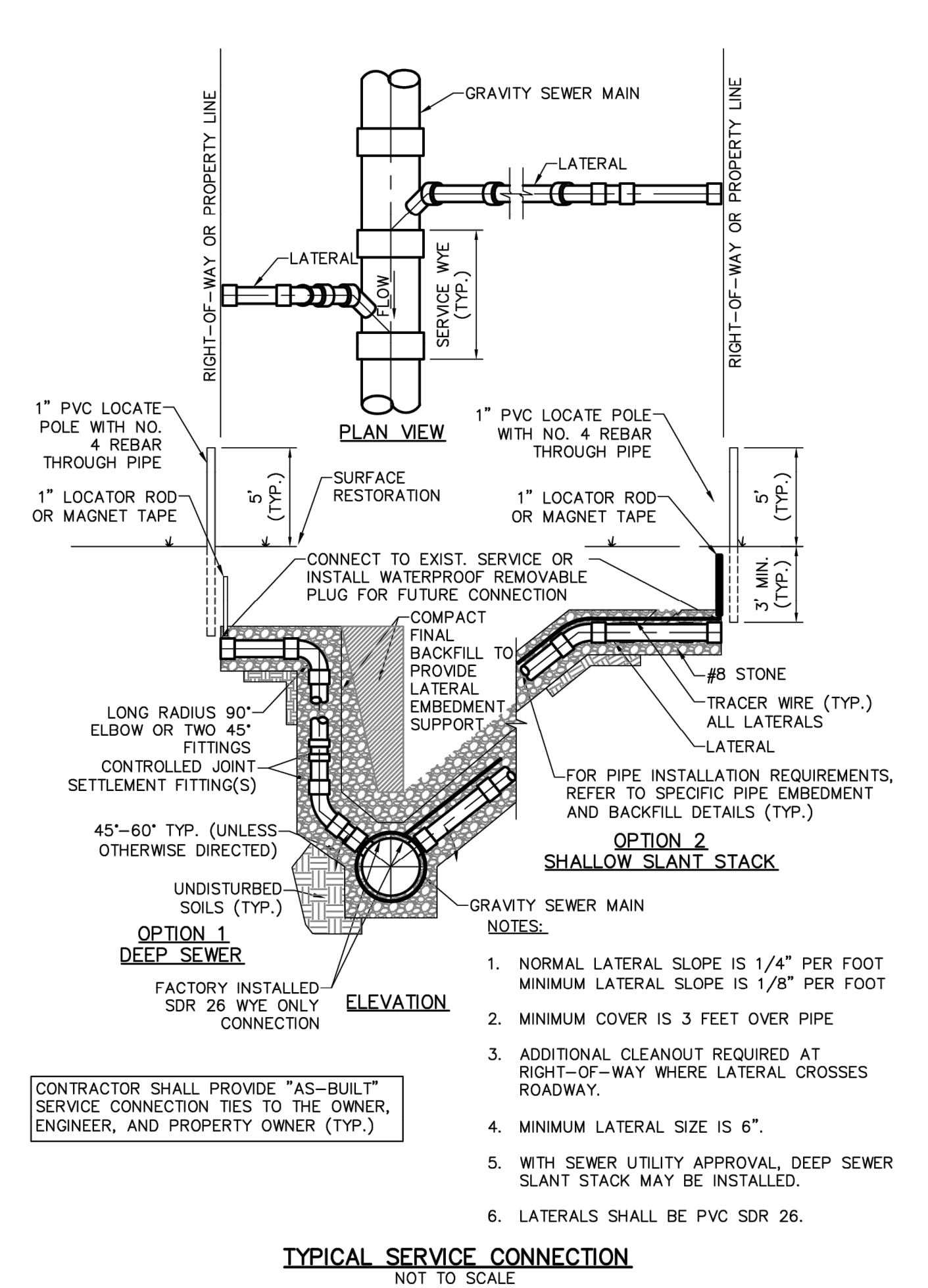
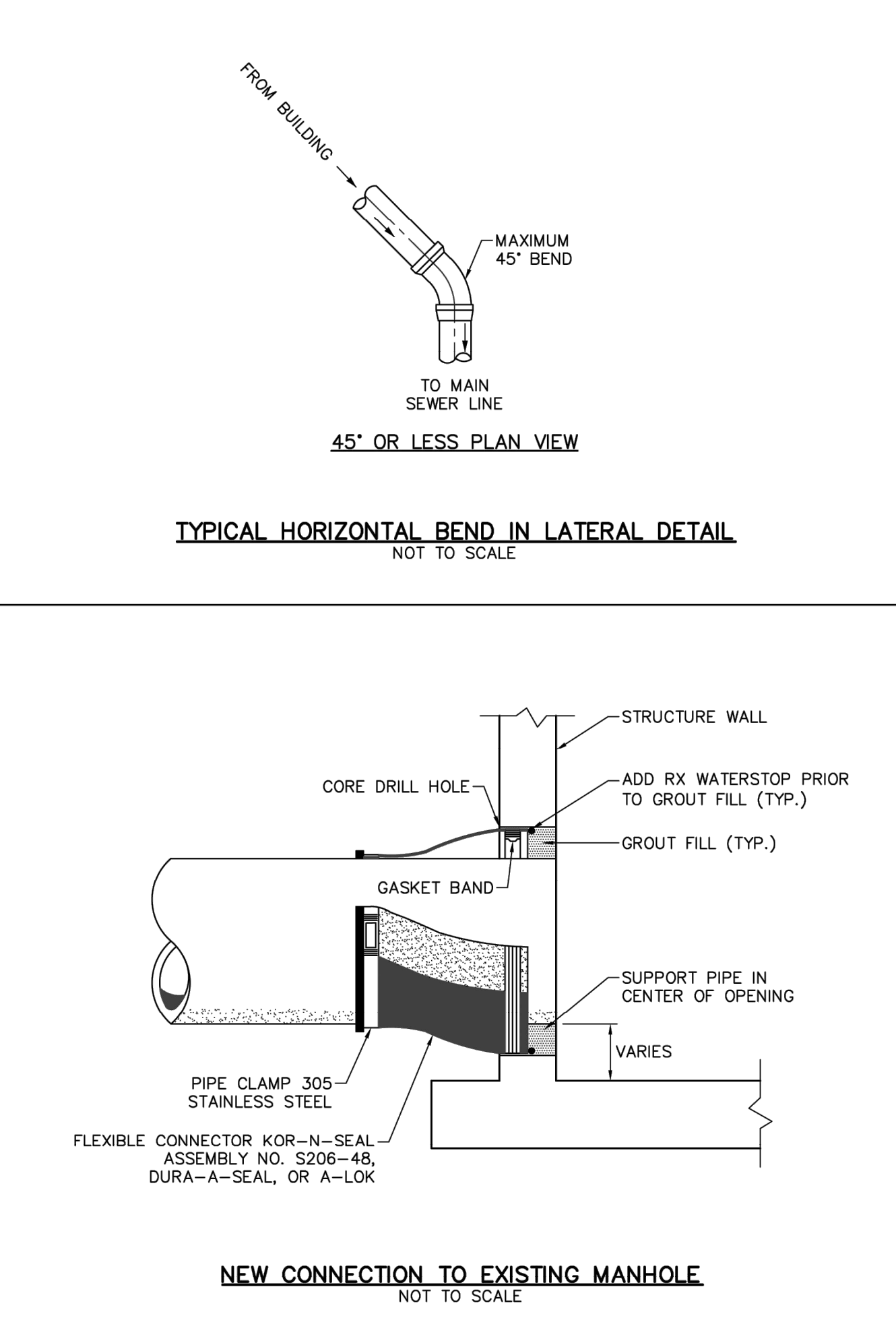
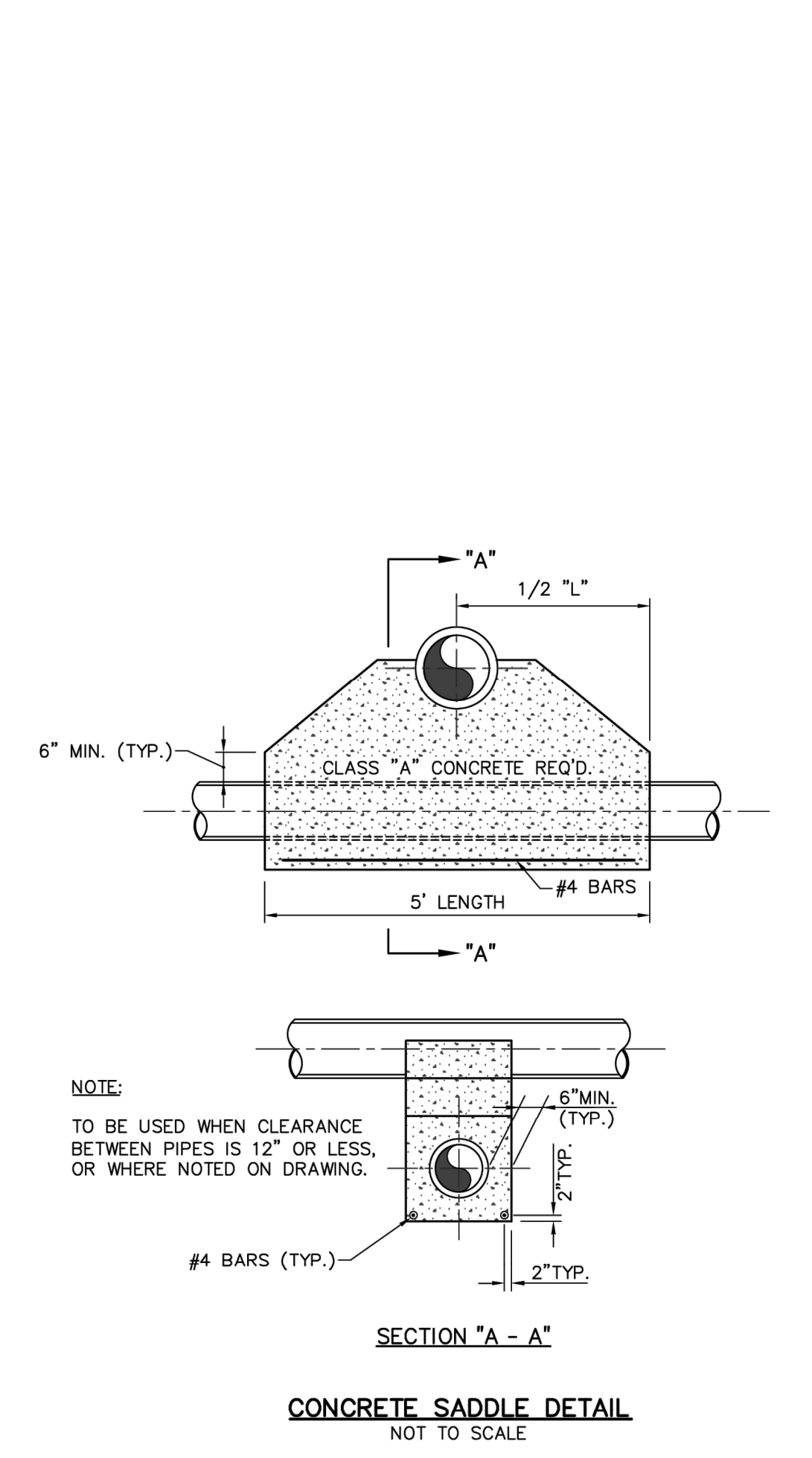
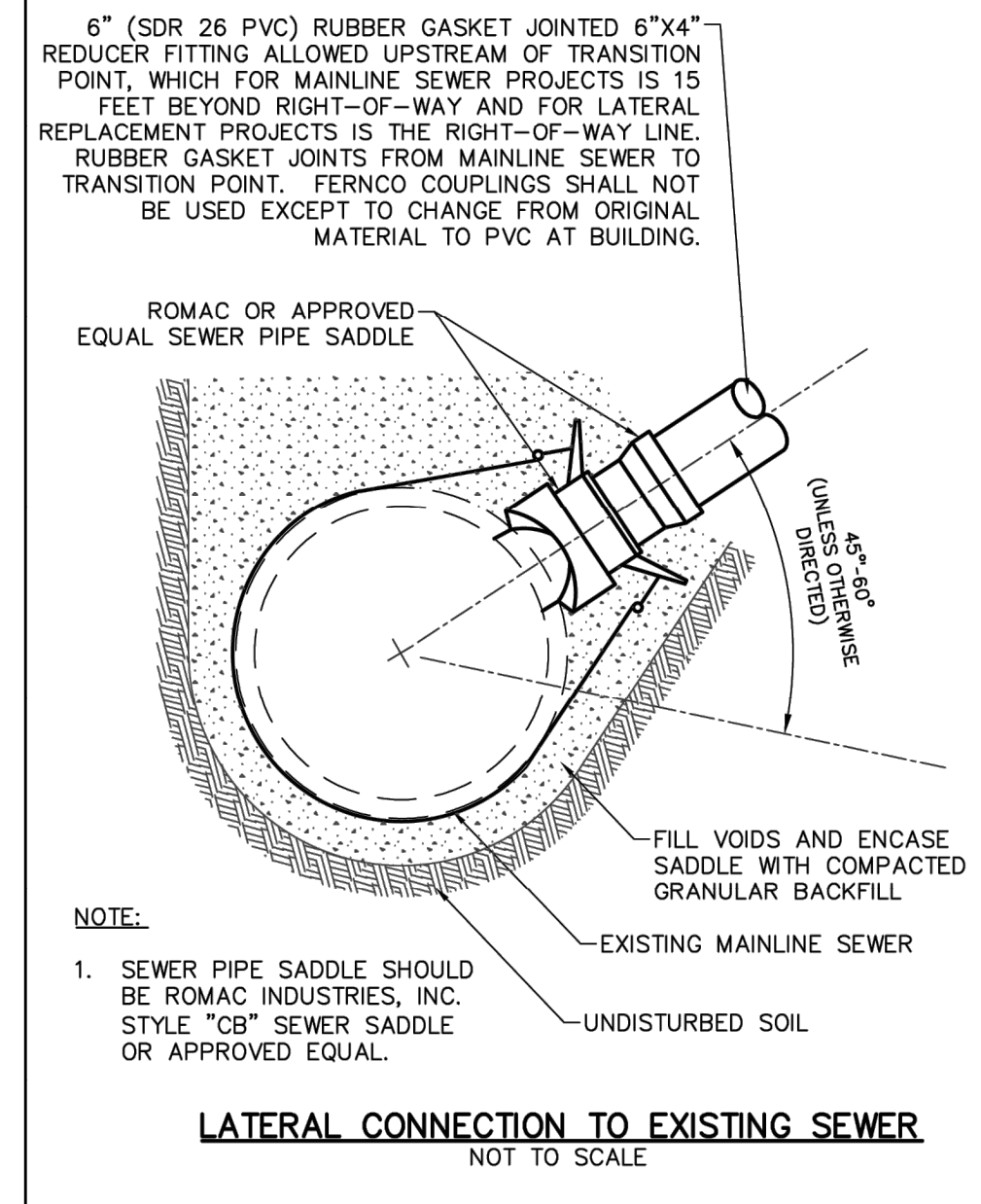
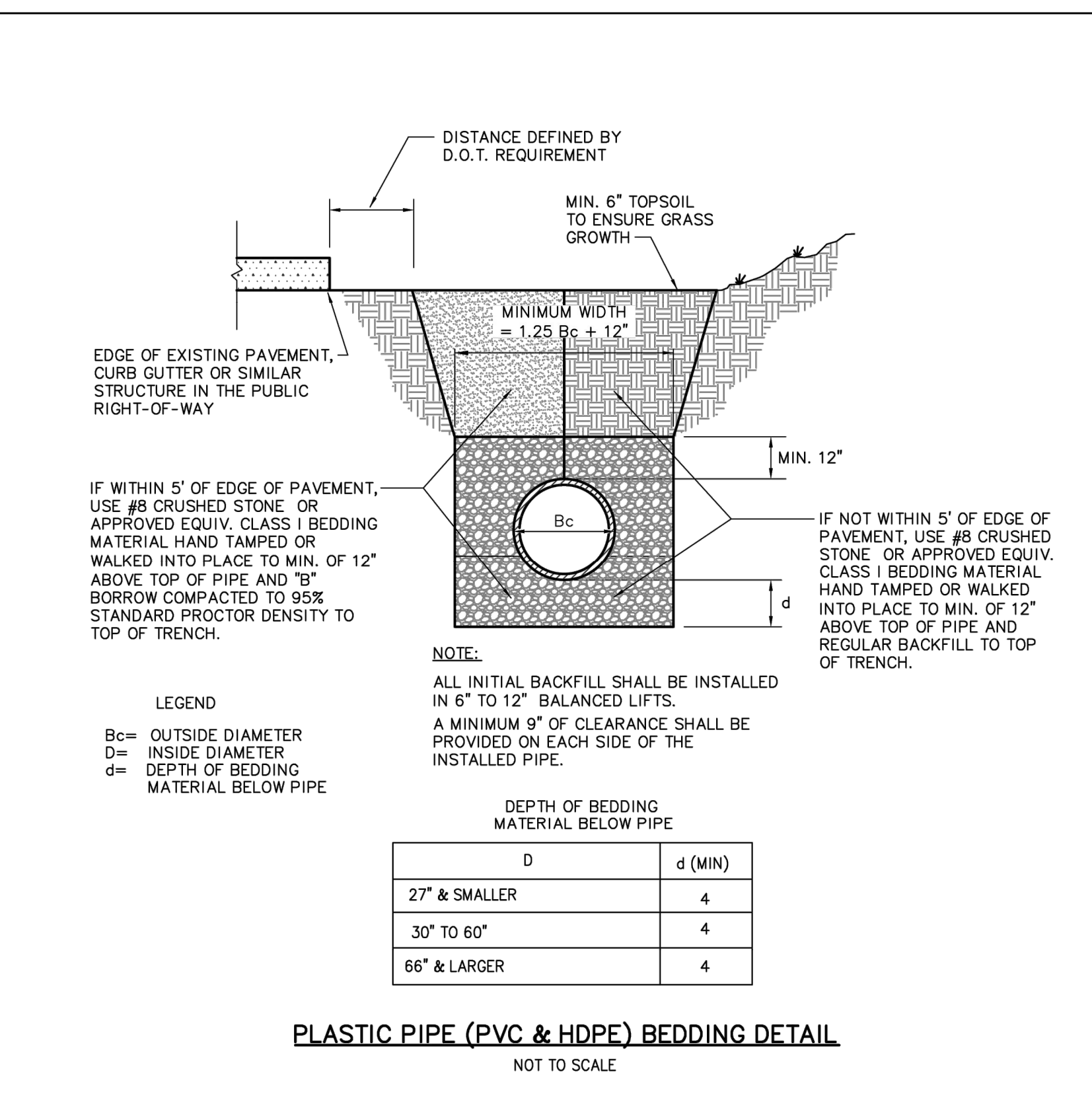
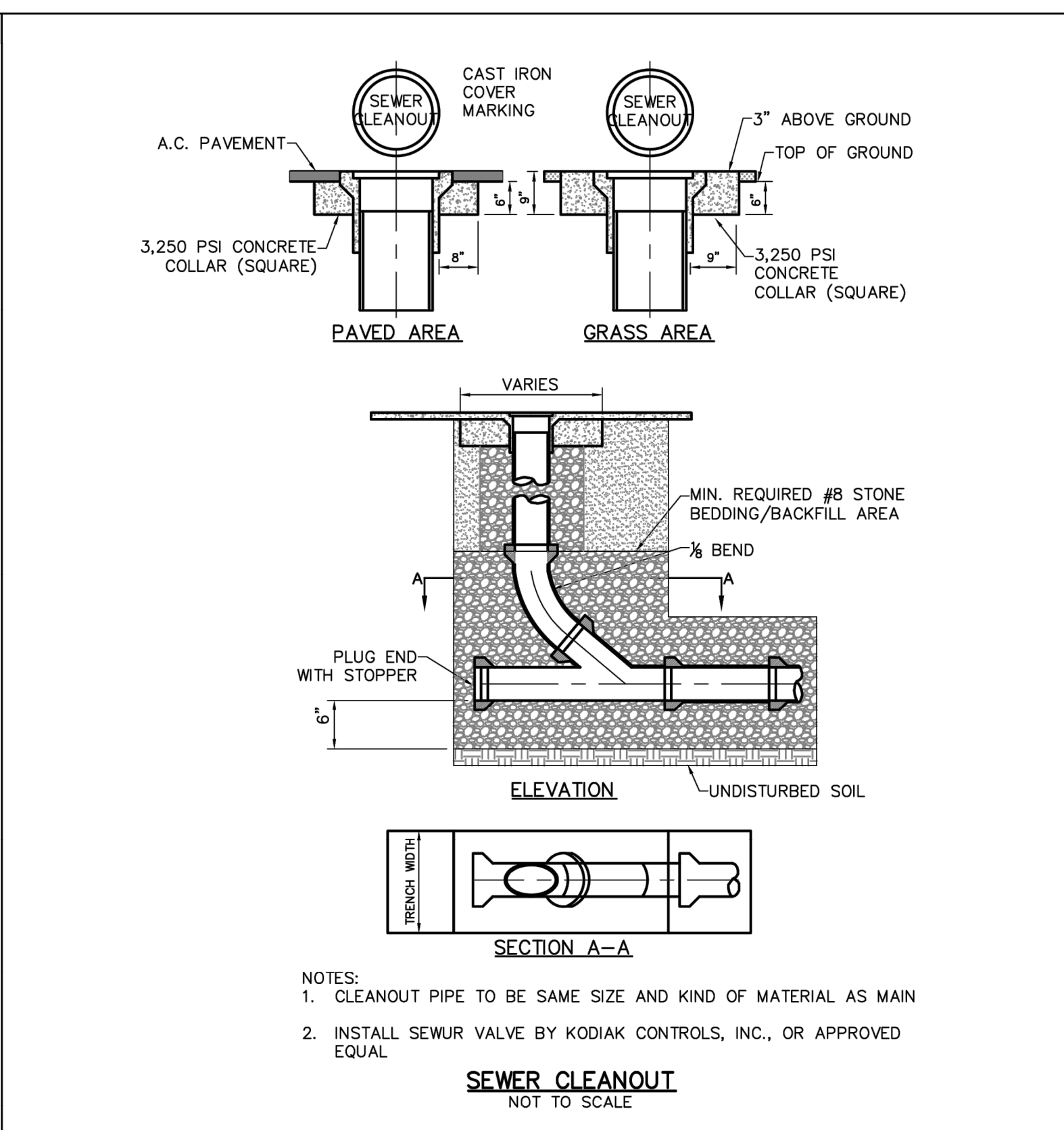
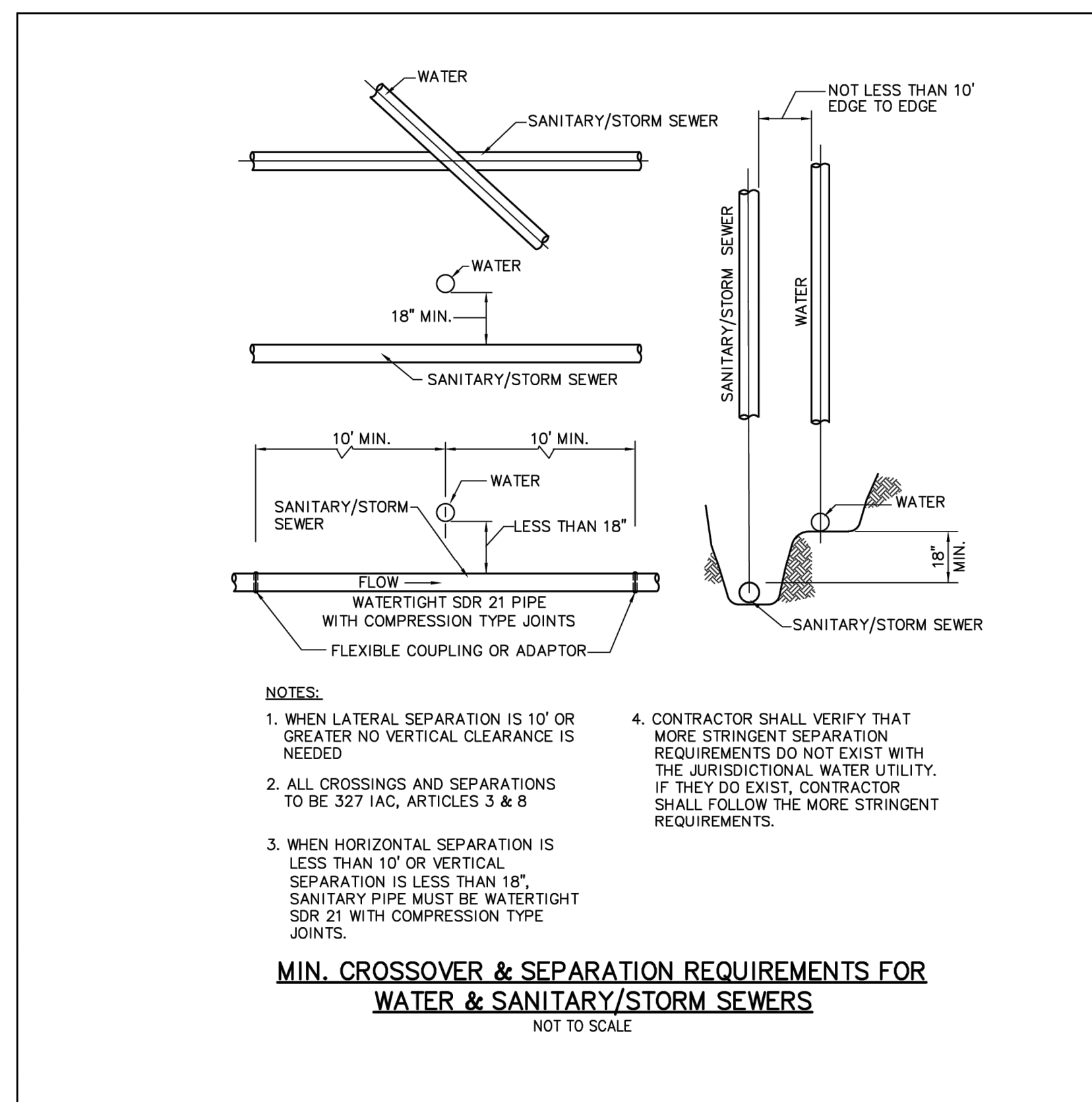
MEIJER OUTLOT #338A  
 9180 E. 56TH STREET  
 BROWNSBURG, INDIANA 46112

UTILITY PLAN

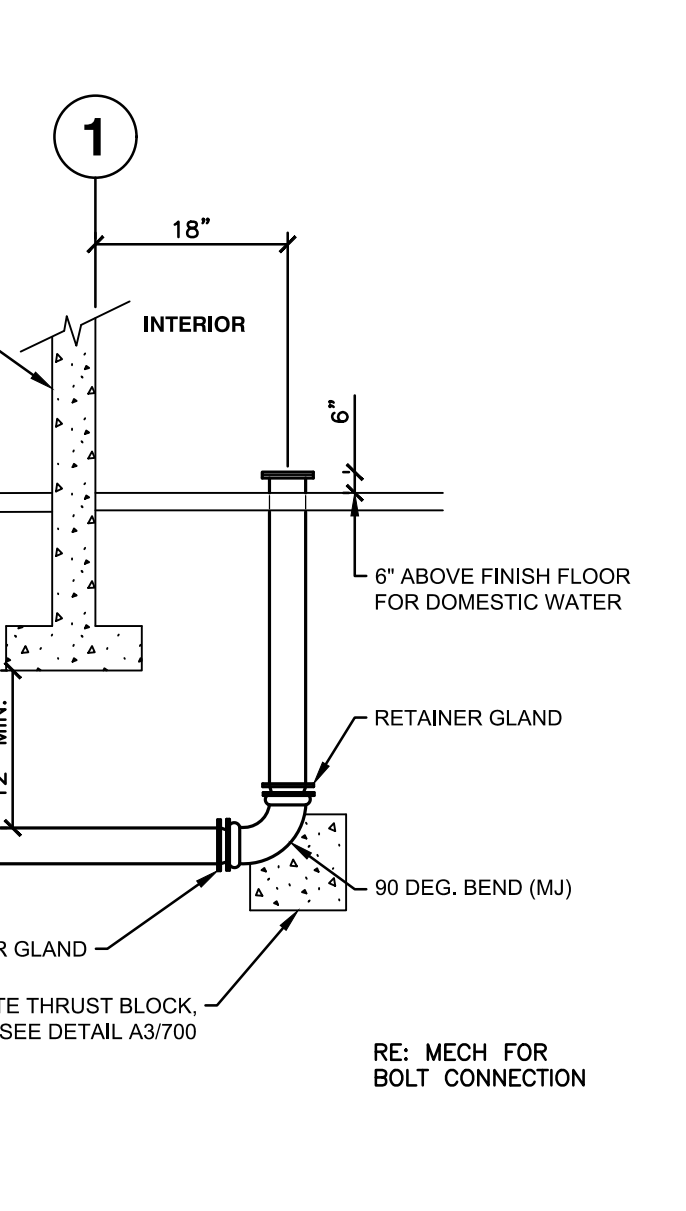
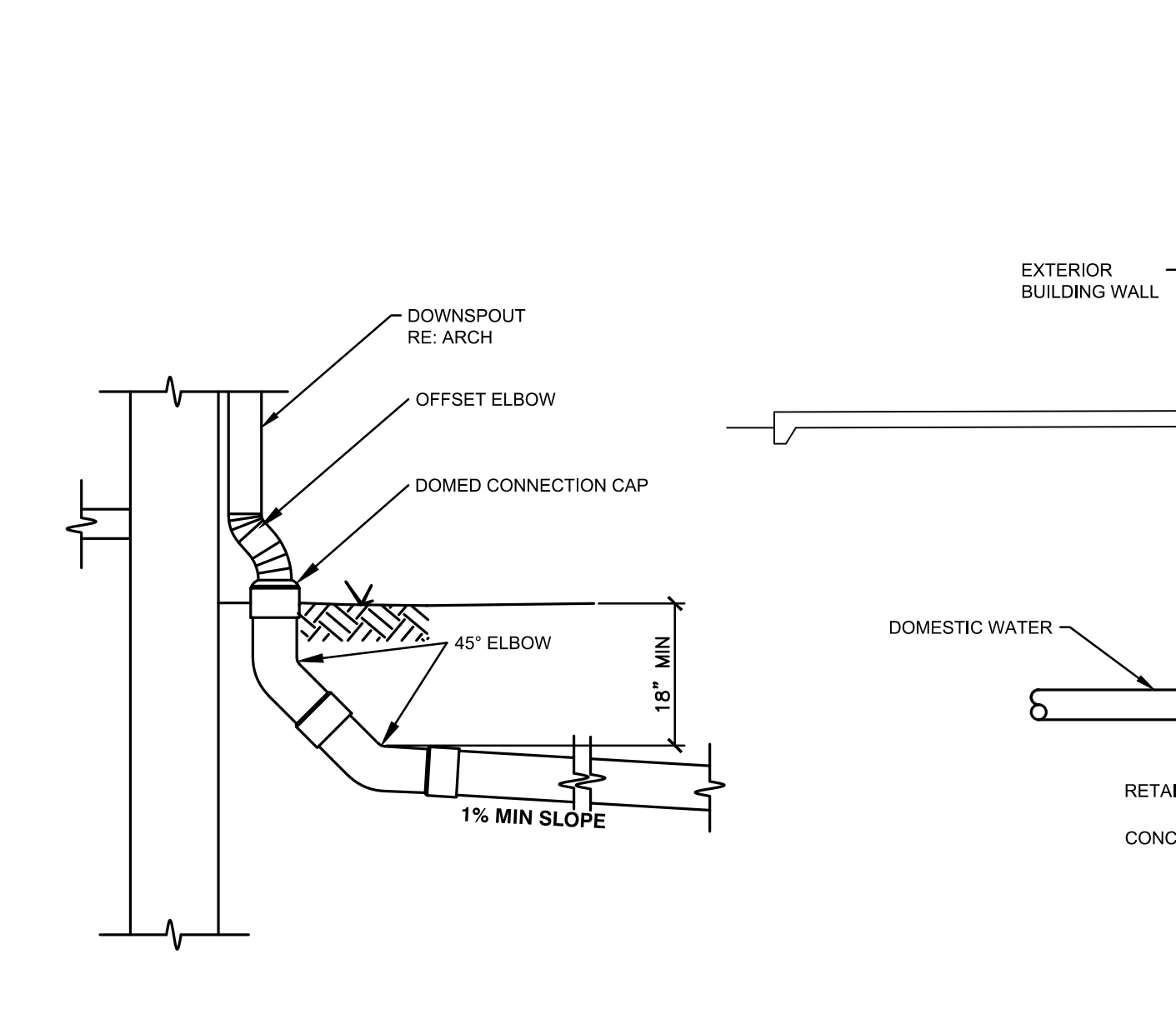
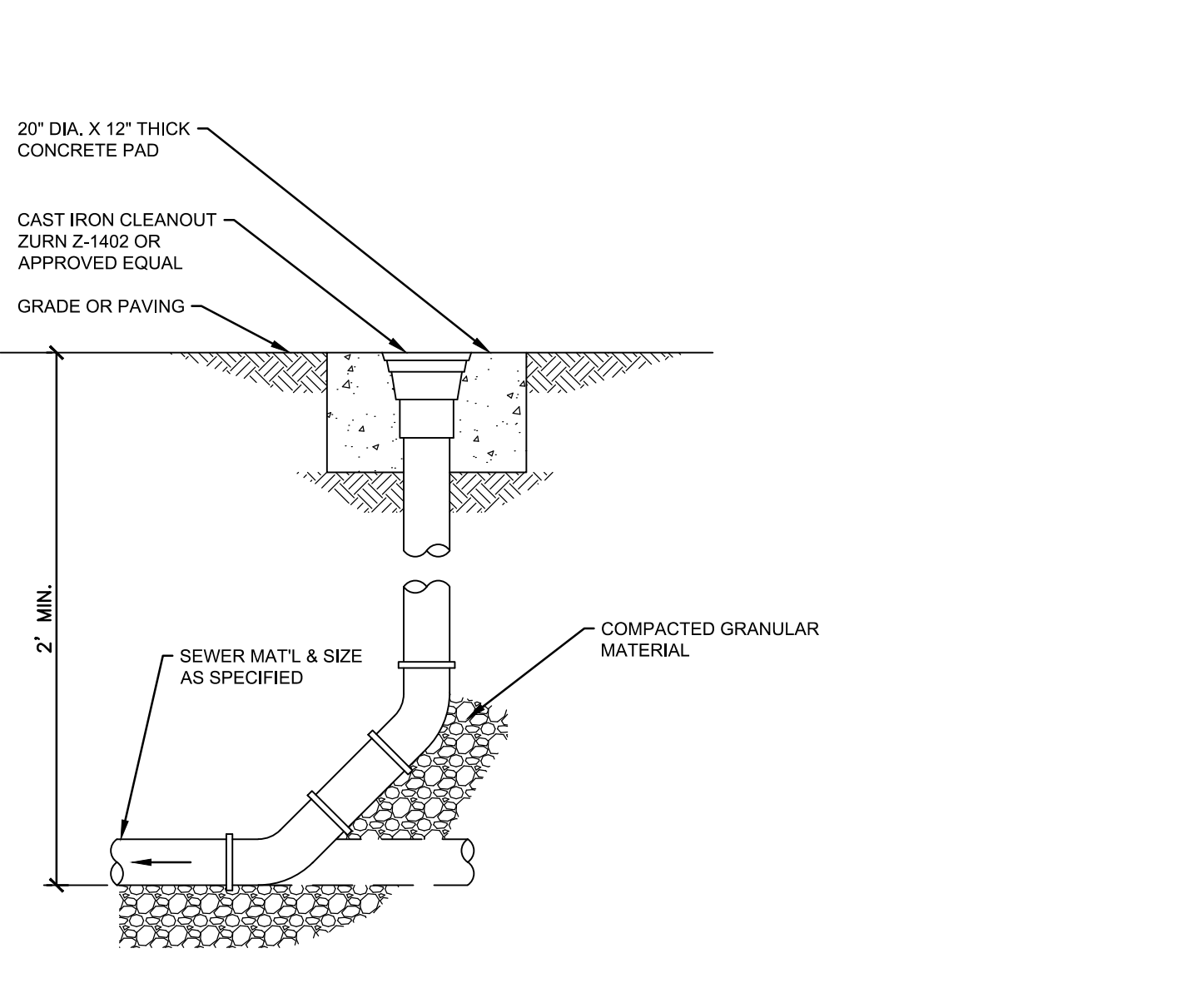
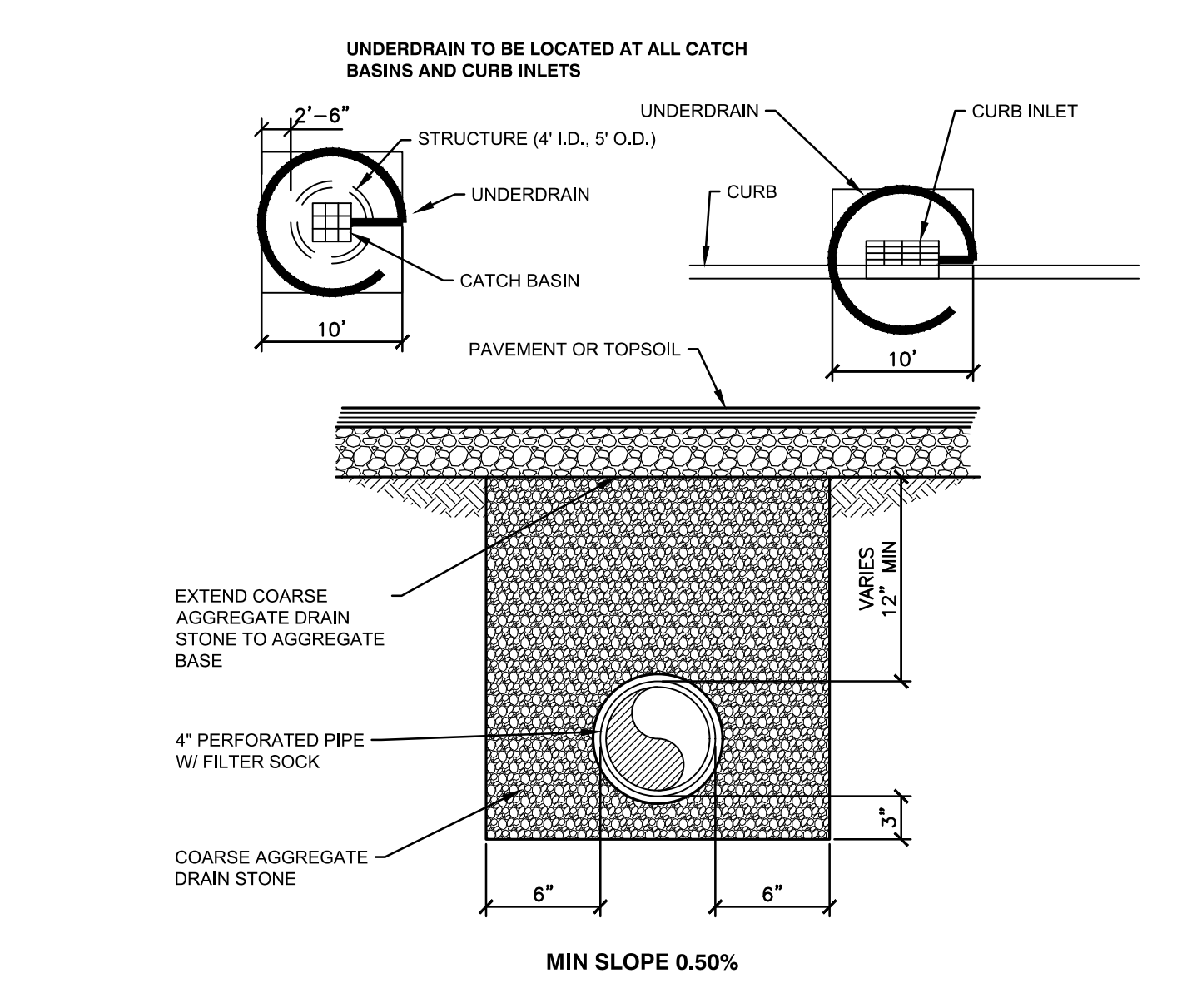
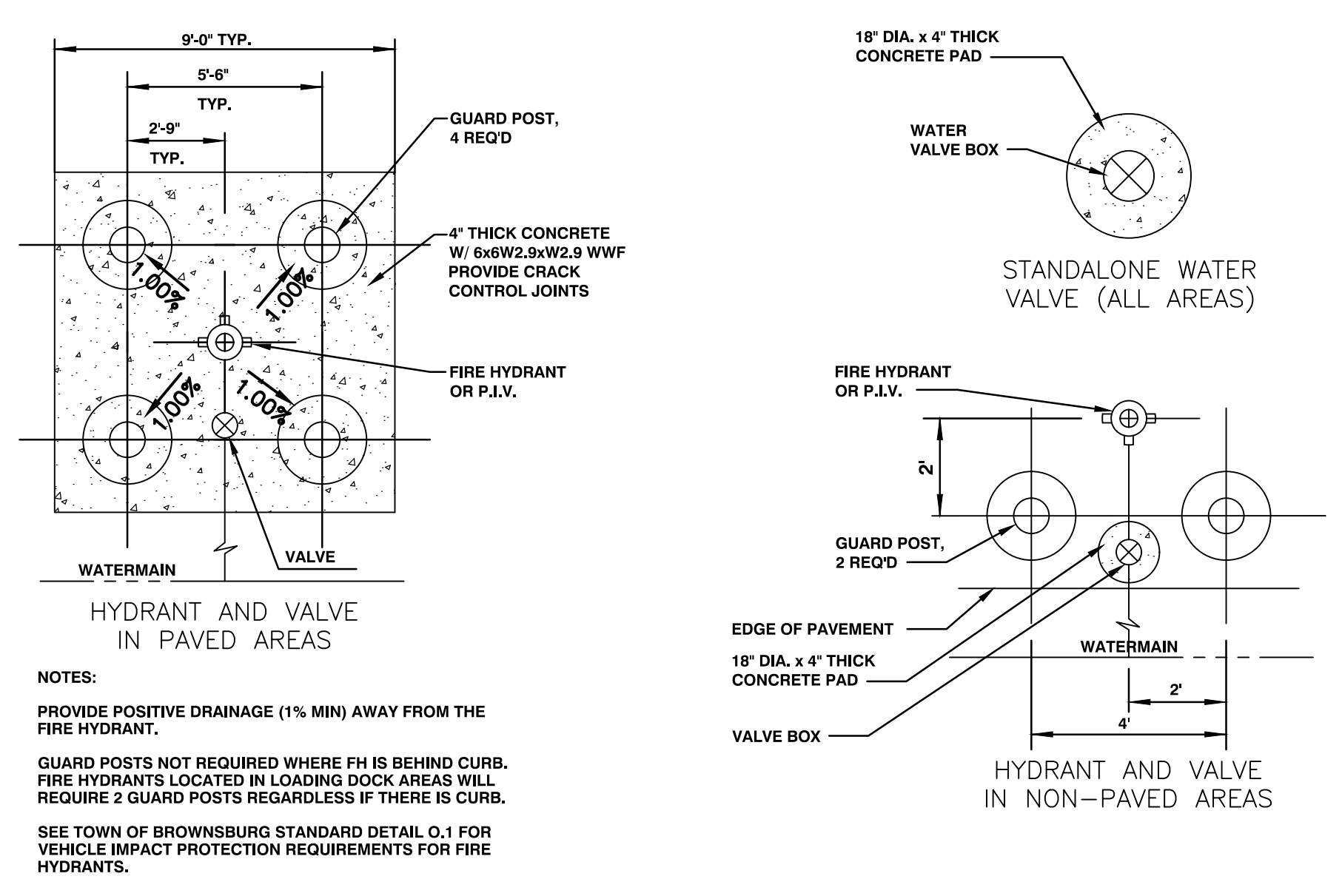
ISSUED FOR:	
PERMIT	012826
BID	XXXXX26
CONSTRUCTION	XXXXX26
PROJECT MANAGER	DESIGNER
BLS	JMR
JOB NO.	
10026635	
C-400	







C6 HCRSD SANITARY DETAILS NTS



**HENDRICKS COUNTY REGIONAL SEWER DISTRICT**

STANDARD DETAILS

ISSUANCE INDEX

DATE: 04/30/2021

REVISION SCHEDULE

NO.	DESCRIPTION	DATE
1	SHEET ADDED	12/10/2018
3	REFERENCED TO AM RELEASE VALVE	01/03/2019
4	LATERAL CONNECTION TO EXISTING SEWER	01/21/2021

Project Number: 2000.00103

**SANITARY SEWER STANDARD DETAILS**

**02**

**WOOLPERT**

4454 Idea Center Boulevard  
Dayton, OH 45430  
937.461.5660

**meijer**

2929 WALKER AVENUE  
GRAND RAPIDS, MICHIGAN 49544  
(616) 453-5711

REV.	DATE	DESCRIPTION

MEIJER OUTLOT #338A  
9180 E. 56TH STREET  
BROWNSBURG, INDIANA 46112

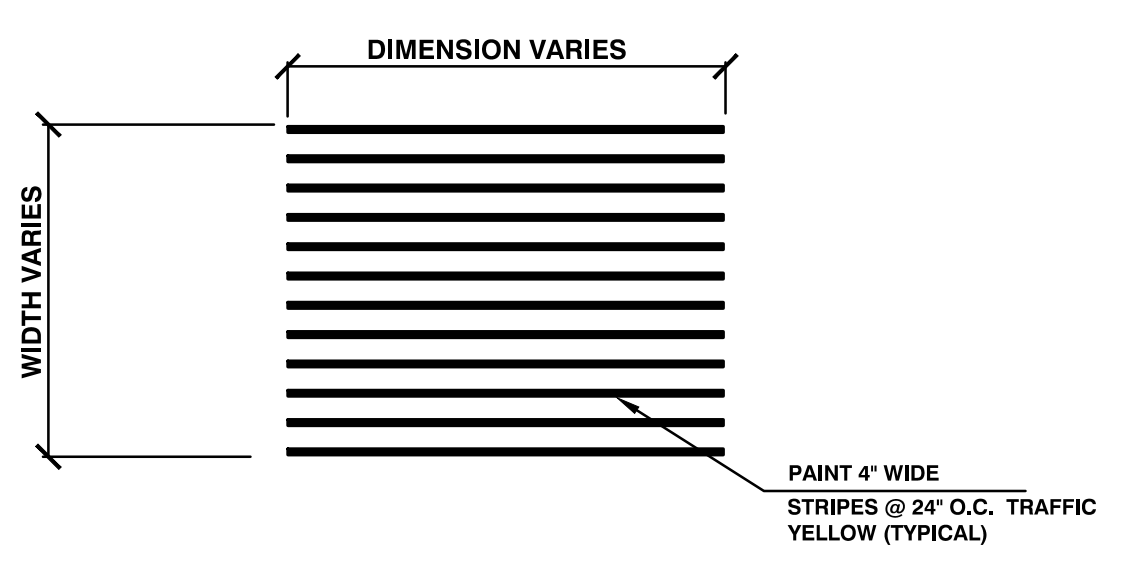
ISSUED FOR:  
PERMIT: 012826  
BID: XXXXX26  
CONSTRUCTION: XXXXX26

PROJECT MANAGER: BLS  
DESIGNER: JMR

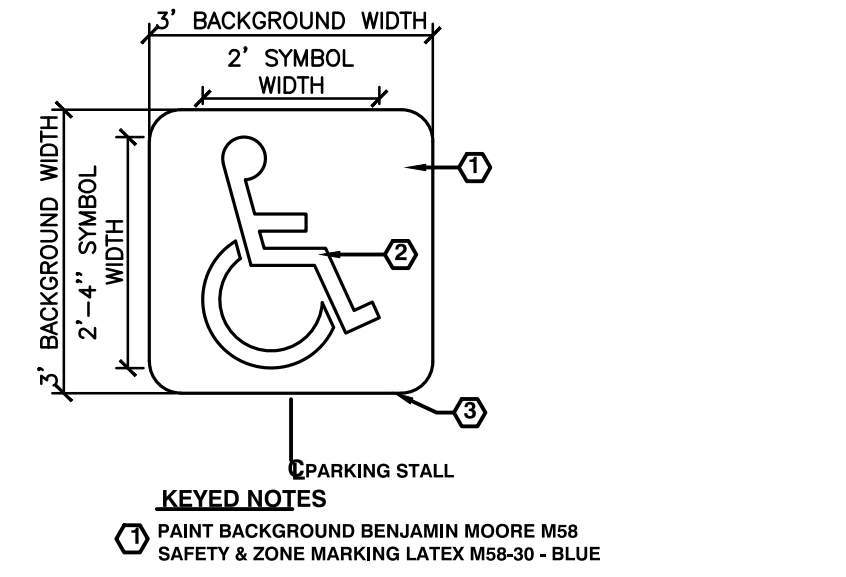
10026635

**C-700**

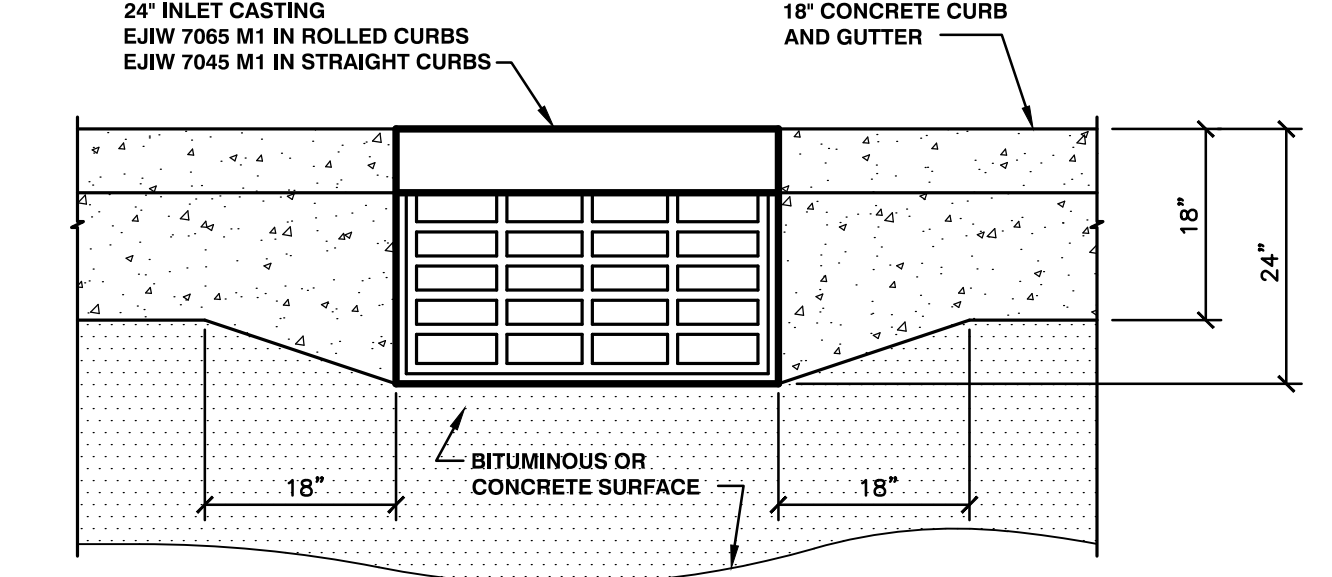
Images: Xrefs: 10026635TBLK.dwg  
 10026635.dwg  
 10026635.dwg  
 1/26/2026 10:07:49 AM  
 Lot Saved By: VanGorder, B. J.  
 G:\DA\Clients\Meijer\10026635\Meijer\_10026635-DET.dwg Plotted By: VanGorder, Brianna Plotted: January 23, 2026, 10:56:25 AM



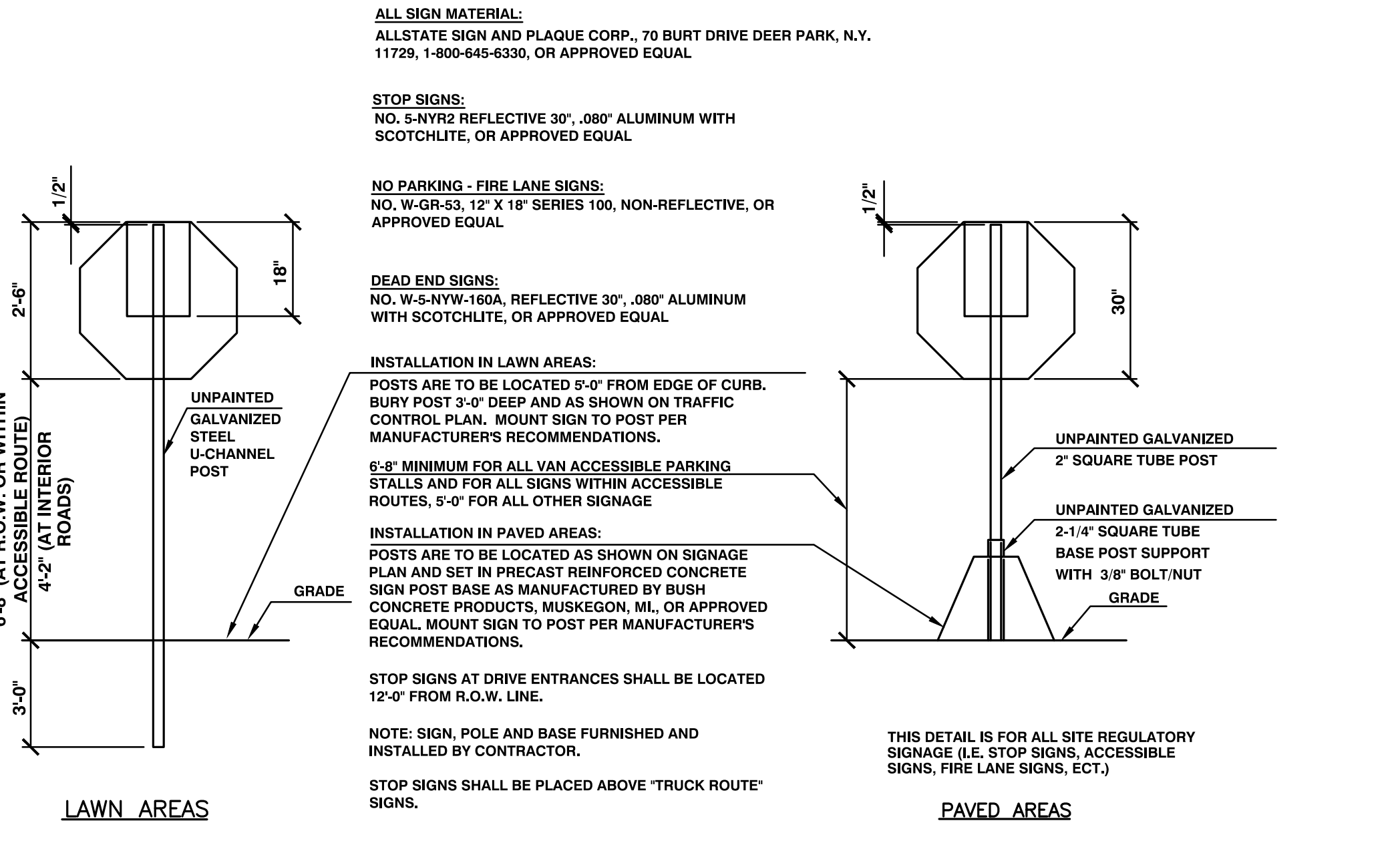
**E1 PEDESTRIAN CROSSWALK**  
NTS



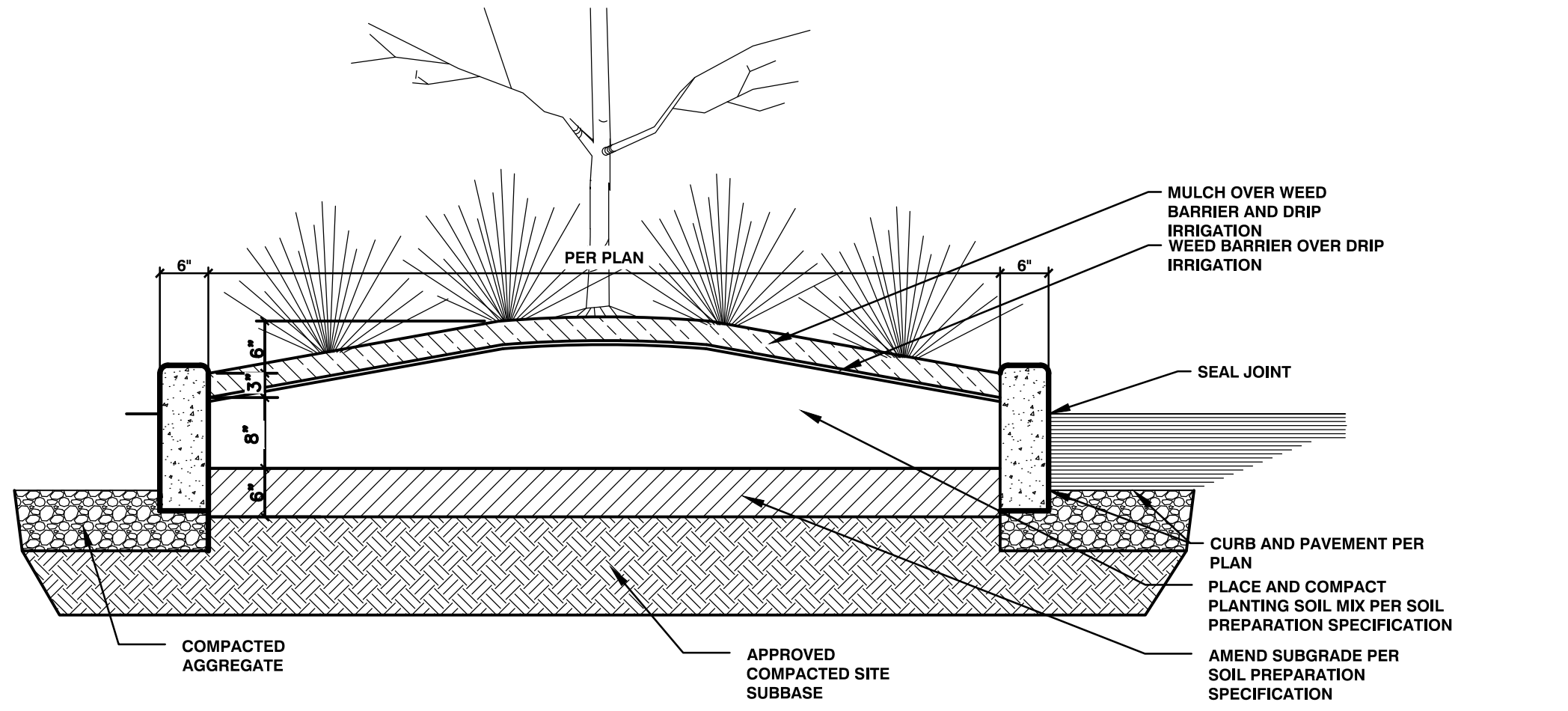
**E2 ACCESSIBLE PAVEMENT SYMBOL**  
NTS



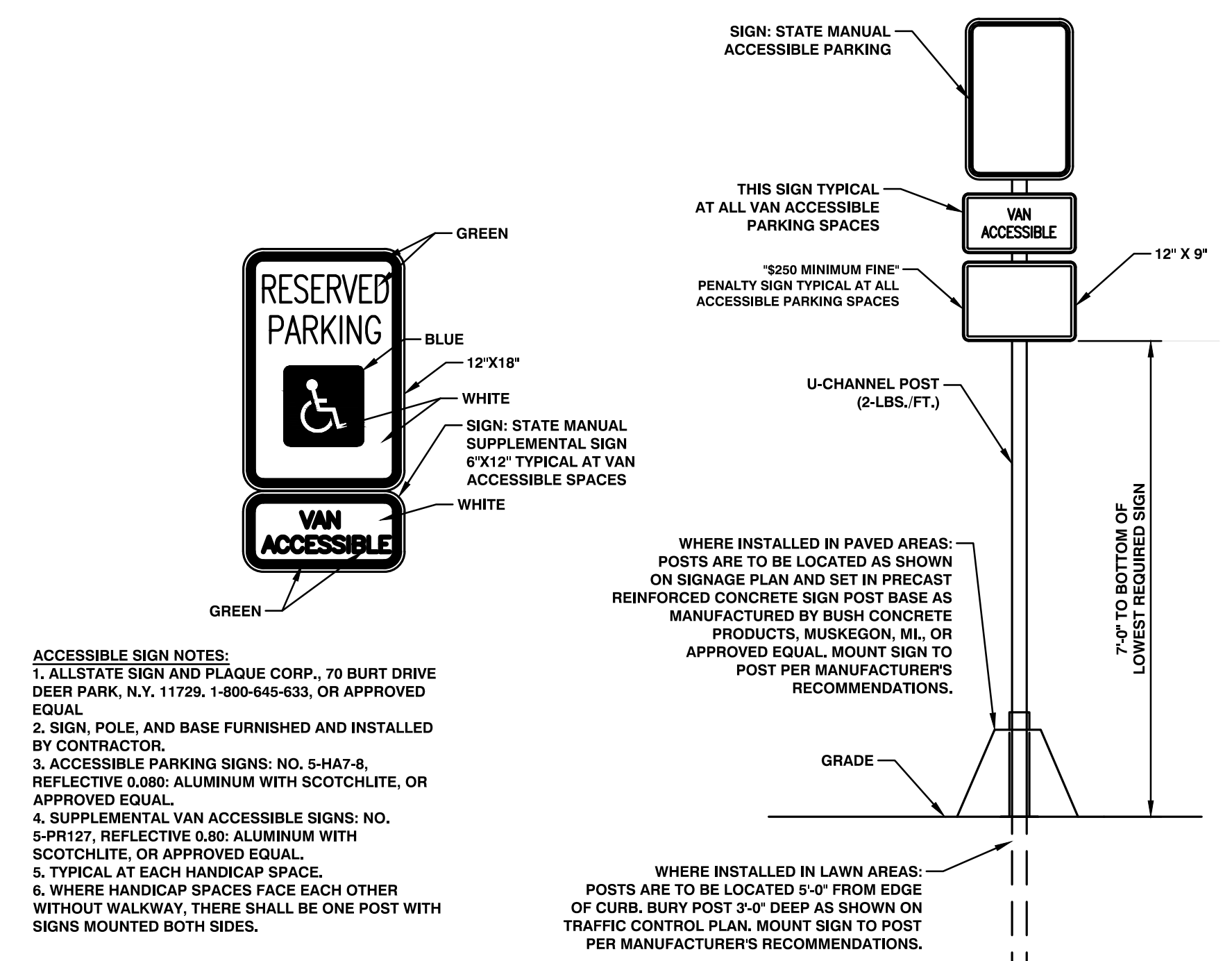
**E3 CURB TRANSITION DETAIL**  
NTS



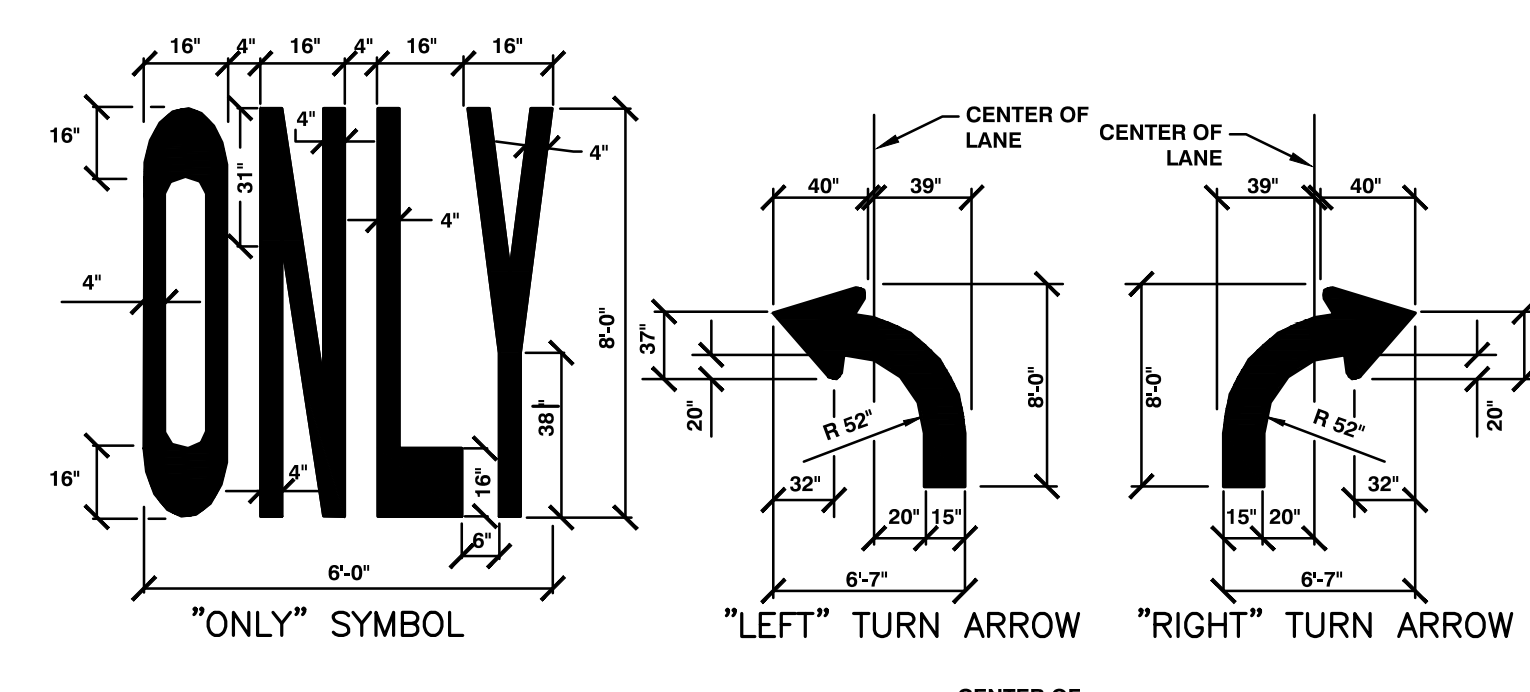
**C1 TRAFFIC CONTROL SIGNAGE**  
NTS



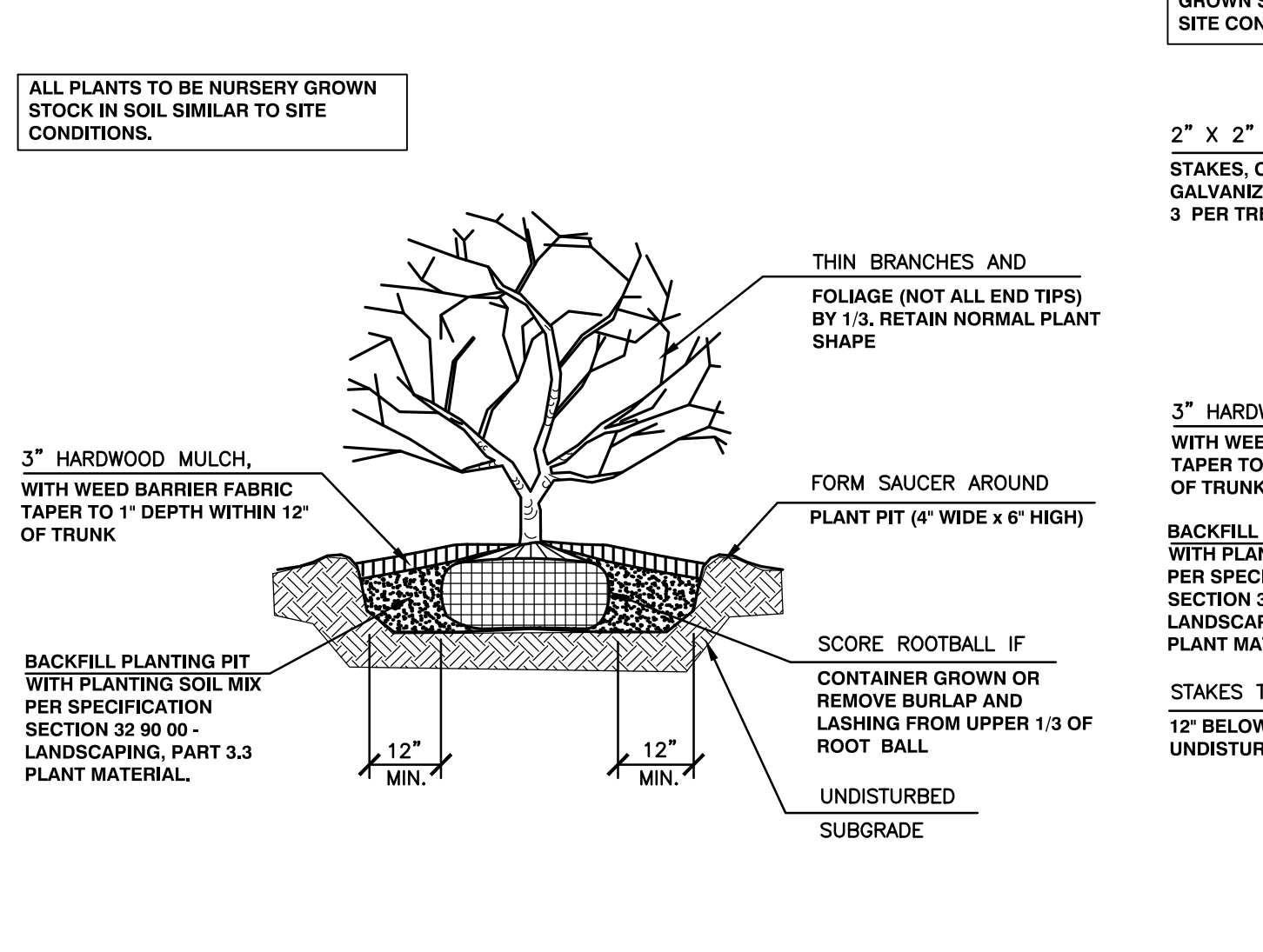
**B1 LANDSCAPE PARKING LOT ISLAND SECTION**  
NTS



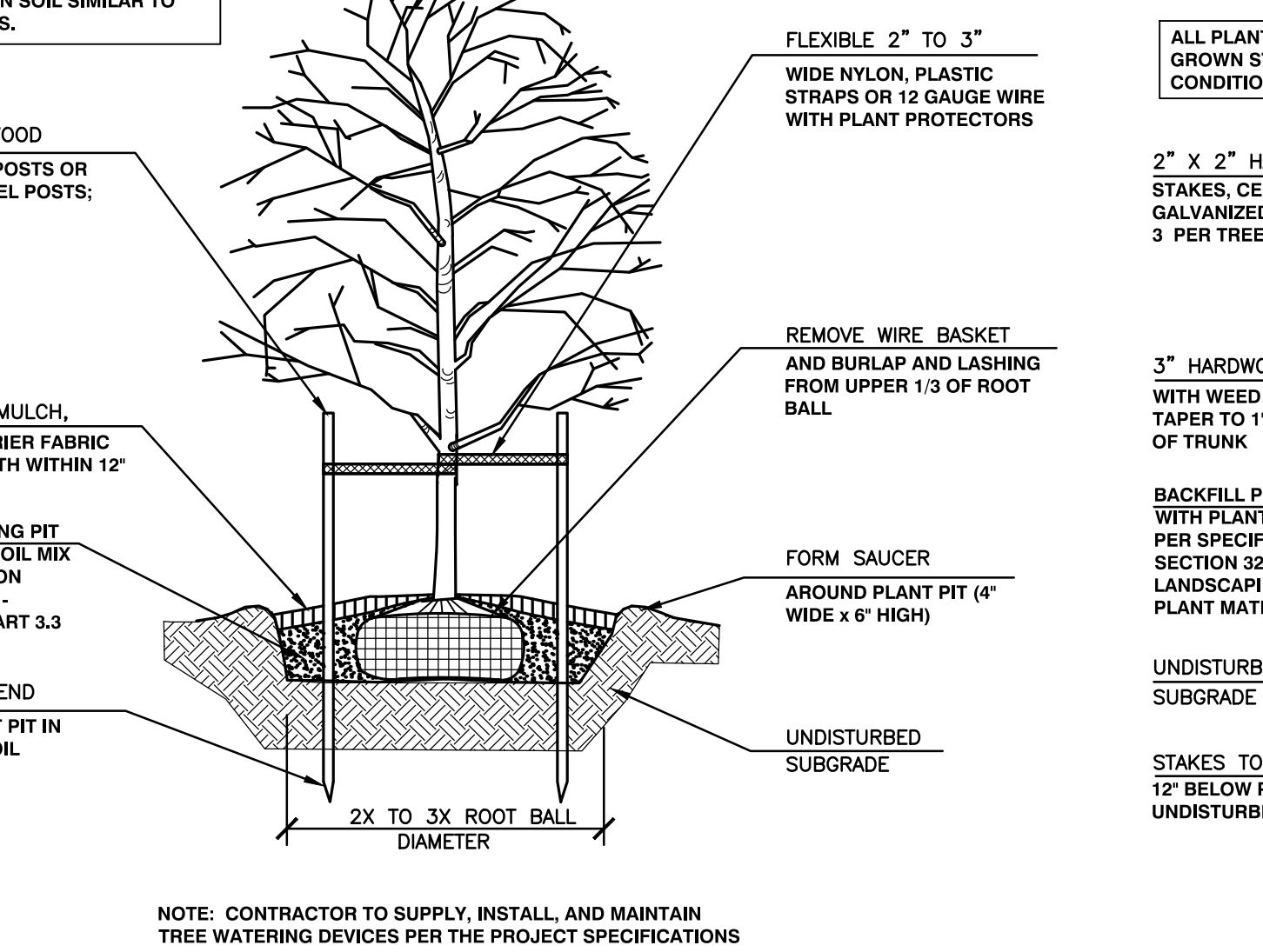
**C3 ACCESSIBLE PARK SIGN DETAIL**  
NTS



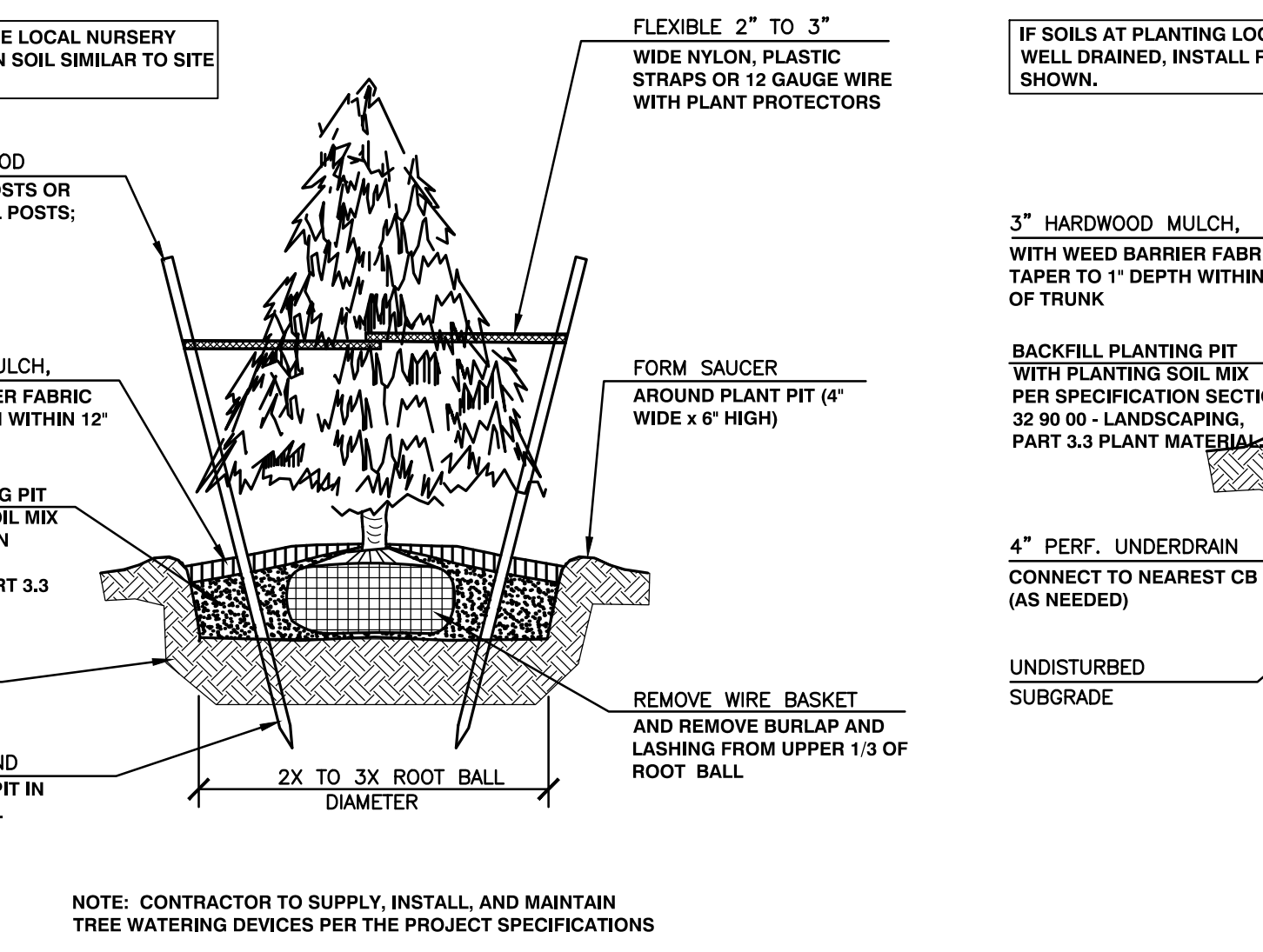
**C5 PAVEMENT MARKING DETAILS**  
NTS



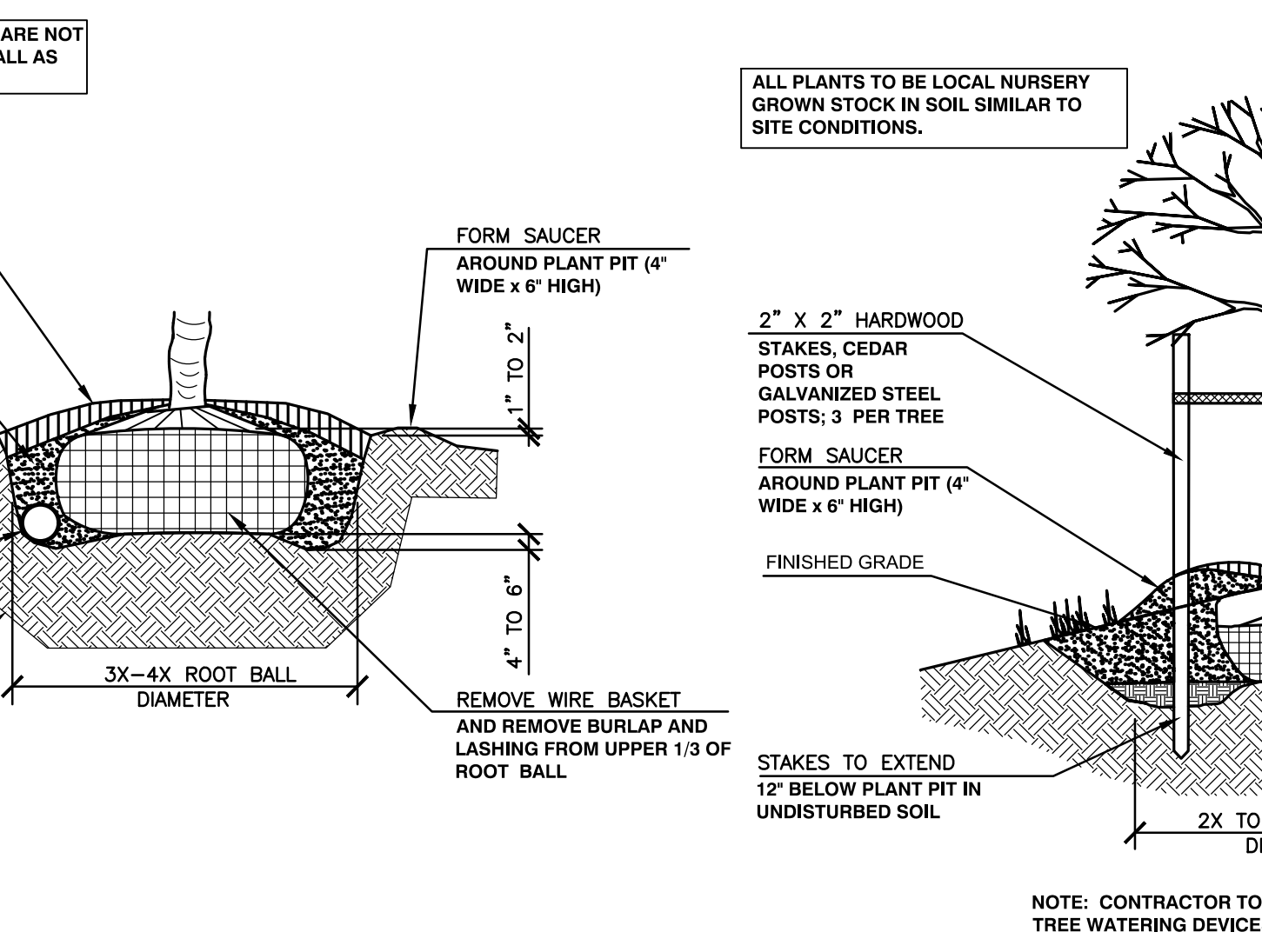
**A1 SHRUB PLANTING**  
NTS



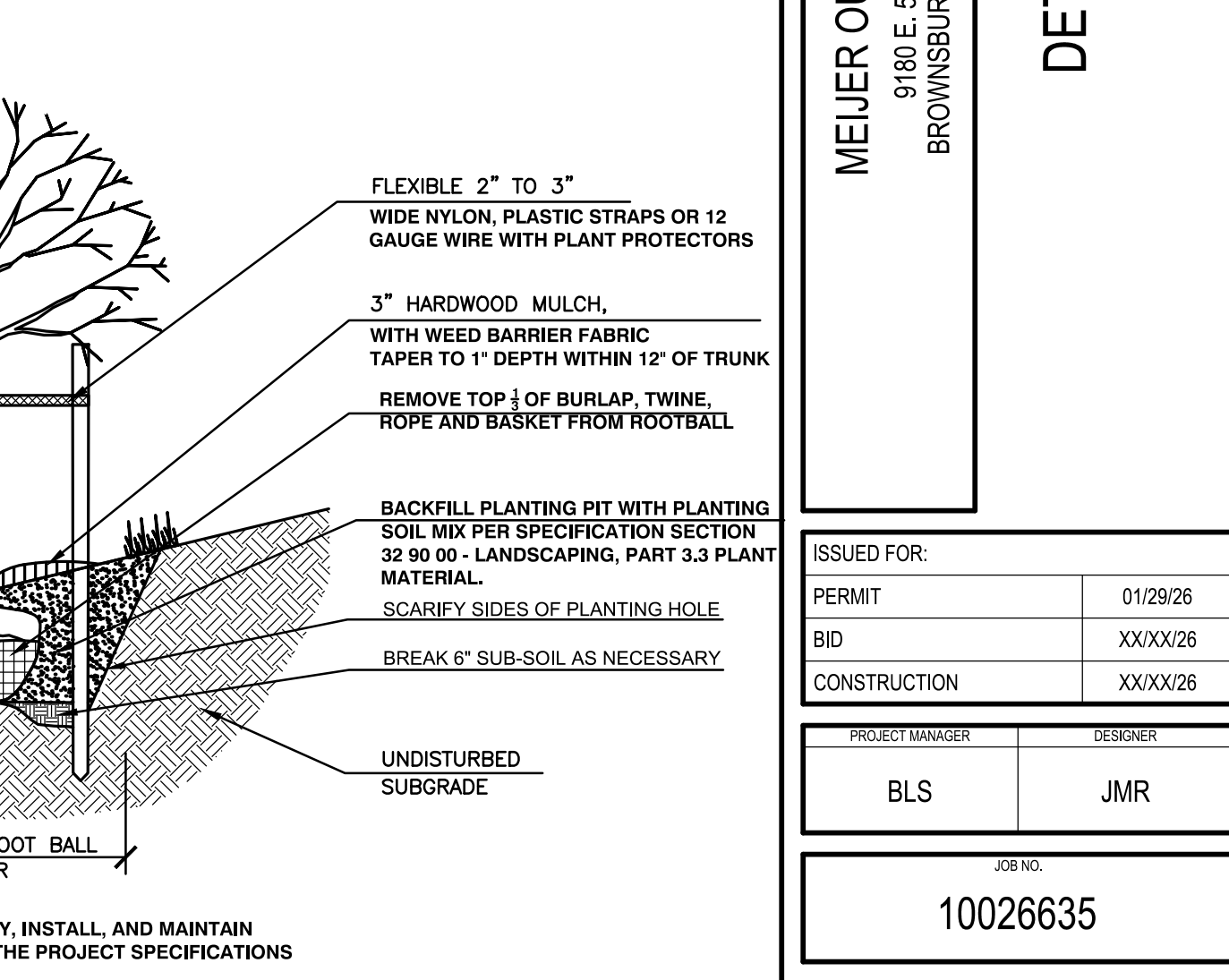
**A2 DECIDUOUS TREE PLANTING**  
NTS



**A3 EVERGREEN TREE PLANTING**  
NTS



**A4 POORLY DRAINED SOILS PLANTING**  
NTS



**A5 TREE PLANTING ON SLOPE**  
NTS

REV.	DATE	DESCRIPTION

**MEIJER OUTLOT #338A**  
9180 E. 65TH STREET  
BROWNSBURG, INDIANA 46112

**ISSUED FOR:**

PERMIT	012826
BID	XXXXX26
CONSTRUCTION	XXXXX26

**PROJECT MANAGER:** BLS  
**DESIGNER:** JMR

10026635



REV.	DATE	DESCRIPTION

MEIJER OUTLOT #338A  
9180 E. 65TH STREET  
BROWNSBURG, INDIANA 46112

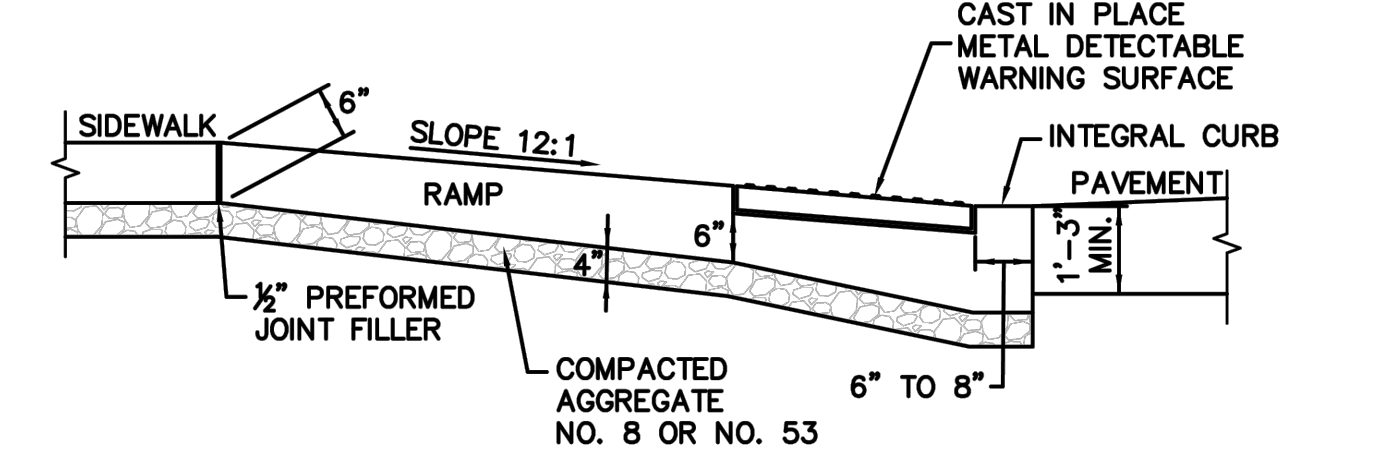
TOWN OF BROWNSBURG DETAILS

ISSUED FOR:	012826
PERMIT:	XXXXXX26
BID:	XXXXXX26
CONSTRUCTION:	XXXXXX26

PROJECT MANAGER:	DESIGNER:
BLS	JMR

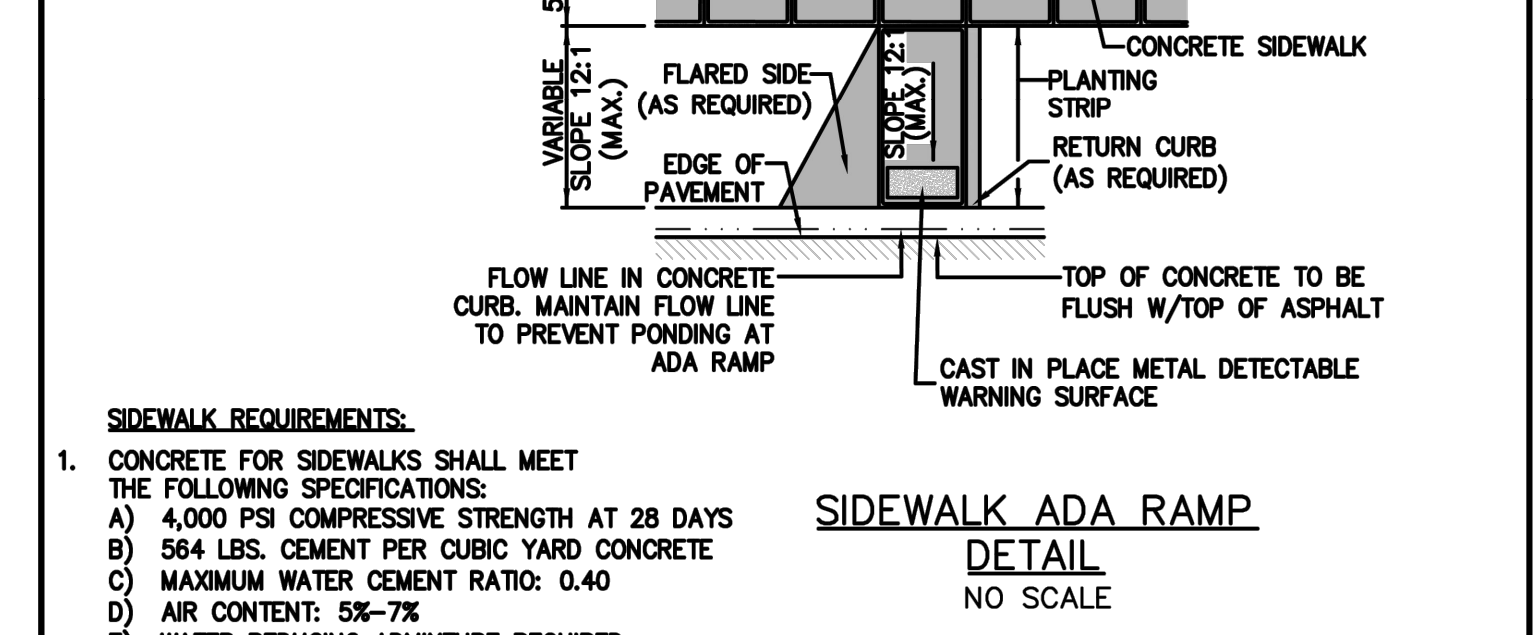
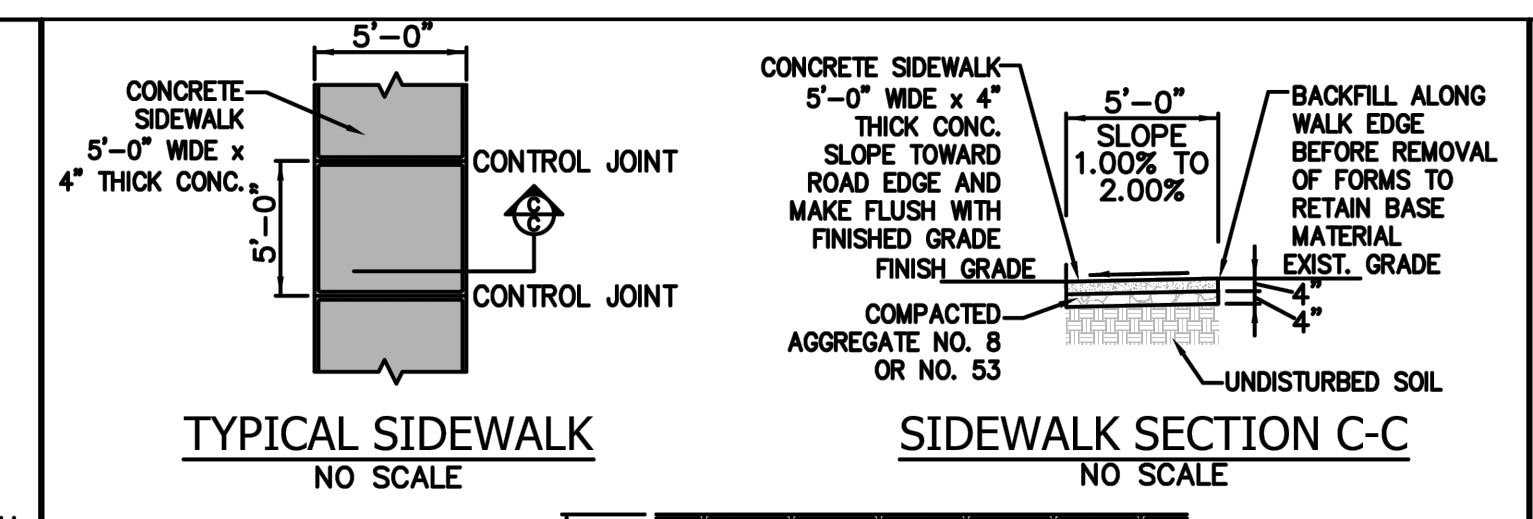
10026635

C-703



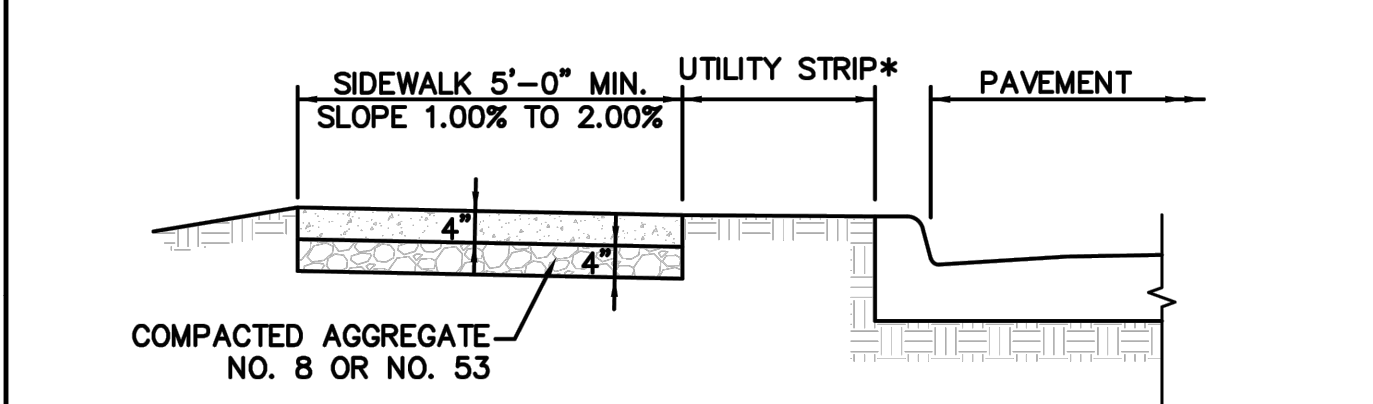
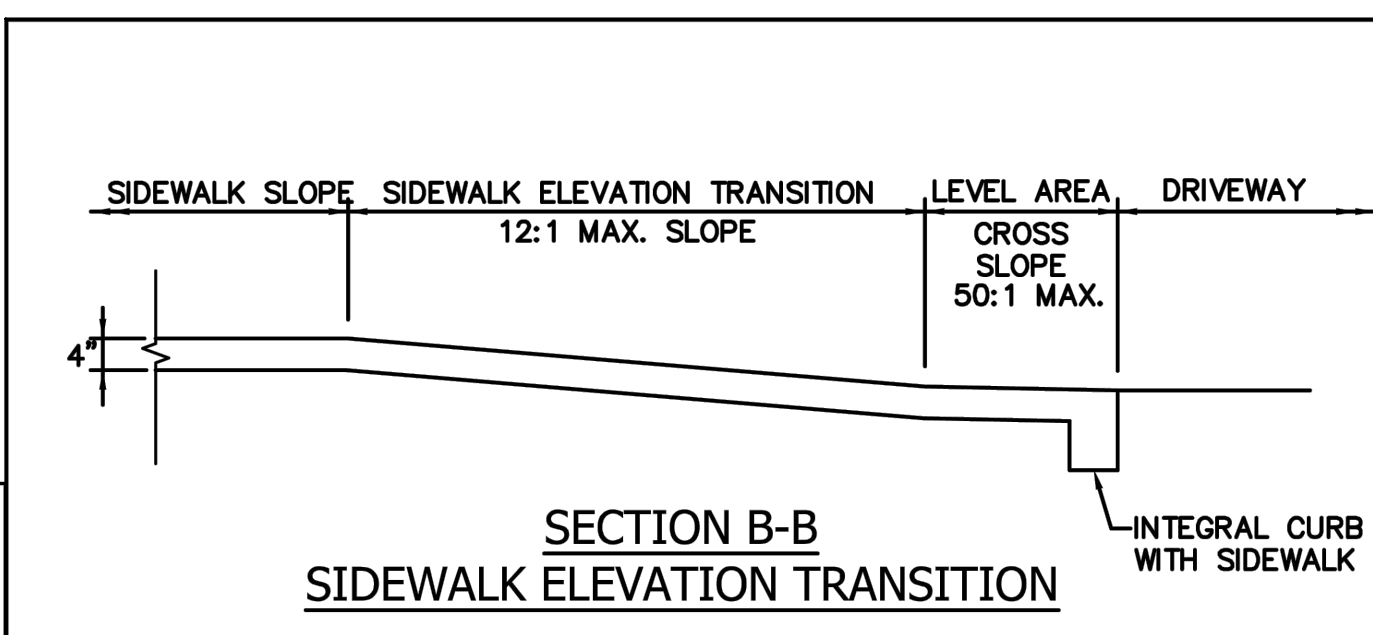
DETECTABLE WARNING SURFACE DETAIL  
NO SCALE

NOTE:  
THIS DETAIL SHALL BE USED WHEN ACCESSIBLE RAMPS ARE TO BE INSTALLED. DETECTABLE WARNING SURFACE SHALL MEET APPLICABLE TOWN STANDARDS. WHEN PLACED IN CORNER RADII, MATERIAL SHALL BE CAST IRON DETECTABLE WARNING PLATES, SIMILAR TO NEENAH FOUNDRY PRODUCT, OR APPROVED EQUAL.



- SIDEWALK REQUIREMENTS:
- CONCRETE FOR SIDEWALKS SHALL MEET THE FOLLOWING SPECIFICATIONS:
    - A) 4,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS
    - B) 564 LBS. CEMENT PER CUBIC YARD CONCRETE
    - C) MAXIMUM WATER CEMENT RATIO: 0.40
    - D) AIR CONTENT: 5%-7%
    - E) WATER REDUCING ADMIXTURE REQUIRED
  - SIDEWALKS SHALL HAVE A BROOM FINISH WITH TOOLED EDGES AND TOOLED CONTROL JOINTS.
  - CURING COMPOUND EQUAL TO "HYDROXIDE CURING COMPOUND" AS MANUFACTURED BY SONNEBORN, SHALL BE APPLIED TO FINISHED CONCRETE.
  - EXPANSION/CONTRACTION JOINTS SHALL BE INSTALLED AT MAXIMUM OF 50' INTERVALS, AND WHERE CONCRETE WILL ABUT EXISTING WALKS, CURBS, DRIVES, OR OTHER CONCRETE.
  - EXPANSION/CONTRACTION JOINT SHALL BE INSTALLED WITH THREE (3) 1/4" DIA. SMOOTH DOWEL BARS, EACH 12" LONG. DOWEL BARS SHALL HAVE A FULL END CAP ON ONE END. EXPANSION/CONTRACTION JOINT SHALL BE FILLED WITH EXPANSION JOINT FILLER. CONNECTION TO EXISTING WALKS OR SLABS SHALL REQUIRE DRILLING TO INSTALL DOWELS. EPOXY SHALL BE USED TO SET DOWELS IN EXISTING CONCRETE.
  - AT DRIVEWAYS, CONCRETE SHALL BE REINFORCED WITH 6 x 6 x 6/8 WELDED WIRE FABRIC. REINFORCING WELDED WIRE FABRIC SHALL CONFORM TO ASTM 185-73.
  - SIDEWALK THICKNESS IN DRIVEWAY AND APRON BETWEEN SIDEWALK AND CURB SHALL MATCH THE EXISTING CONCRETE DRIVEWAY, THE EQUIVALENT CONCRETE THICKNESS OF THE HMA DRIVEWAY OR SIX (6) INCHES, WHICHEVER IS GREATER.
  - DETAIL IS MEANT TO PROVIDE GUIDANCE ONLY. RAMPS SHALL MEET THE REQUIREMENT OF INDOT STANDARD DRAWINGS E 604-SWCR AND PROWAG.

TOWN OF BROWNSBURG  
DETAIL NO. TR-07  
REVISION DATE: FEBRUARY 2024

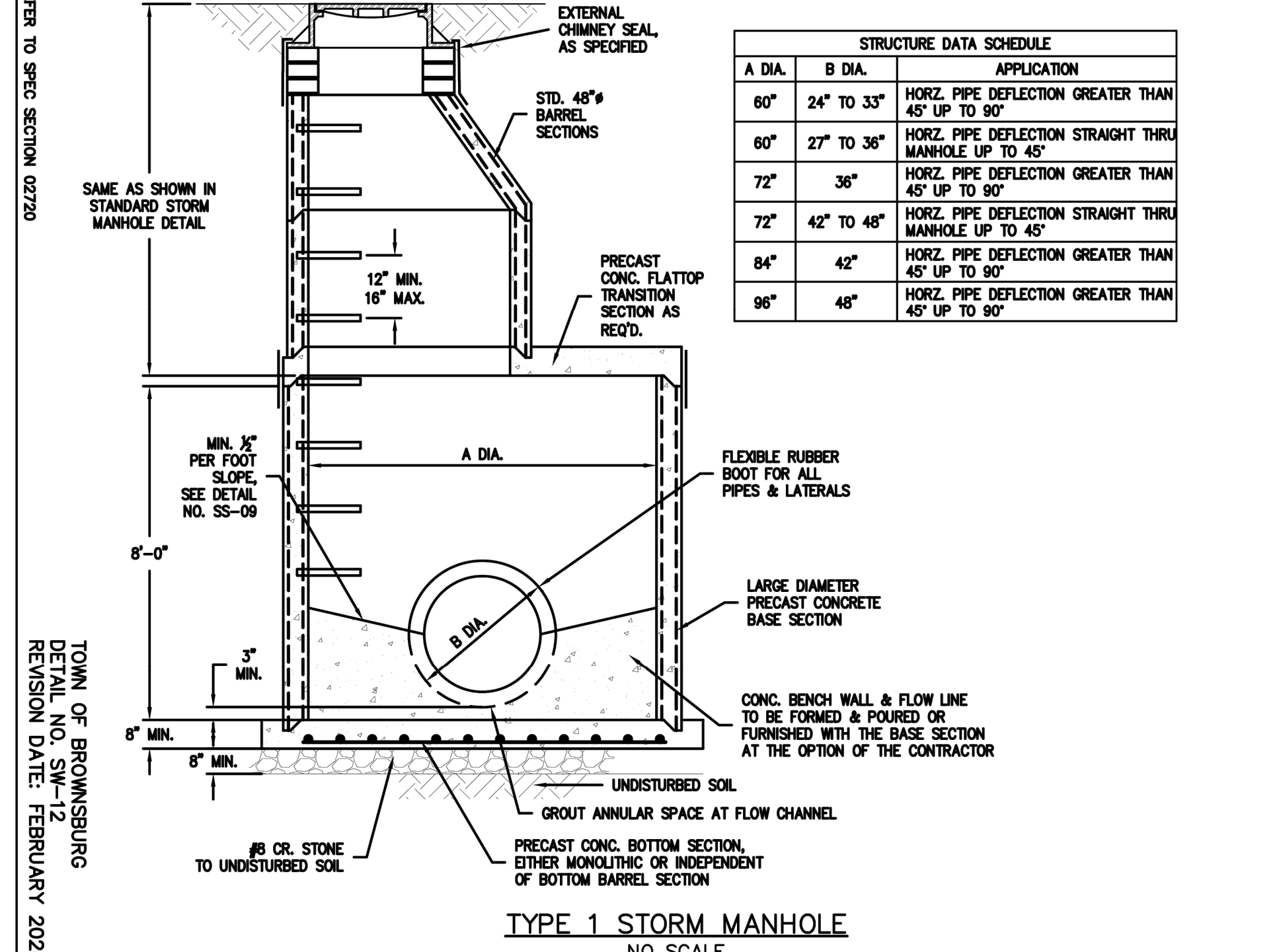


SECTION A-A  
SIDEWALK WITH UTILITY STRIP  
NO SCALE

\* UTILITY STRIP WIDTH SHALL COMPLY WITH THE CURRENT TOWN OF BROWNSBURG SUBDIVISION CONTROL ORDINANCE AND CURRENT TOWN OF BROWNSBURG THROUGHFARE PLAN.

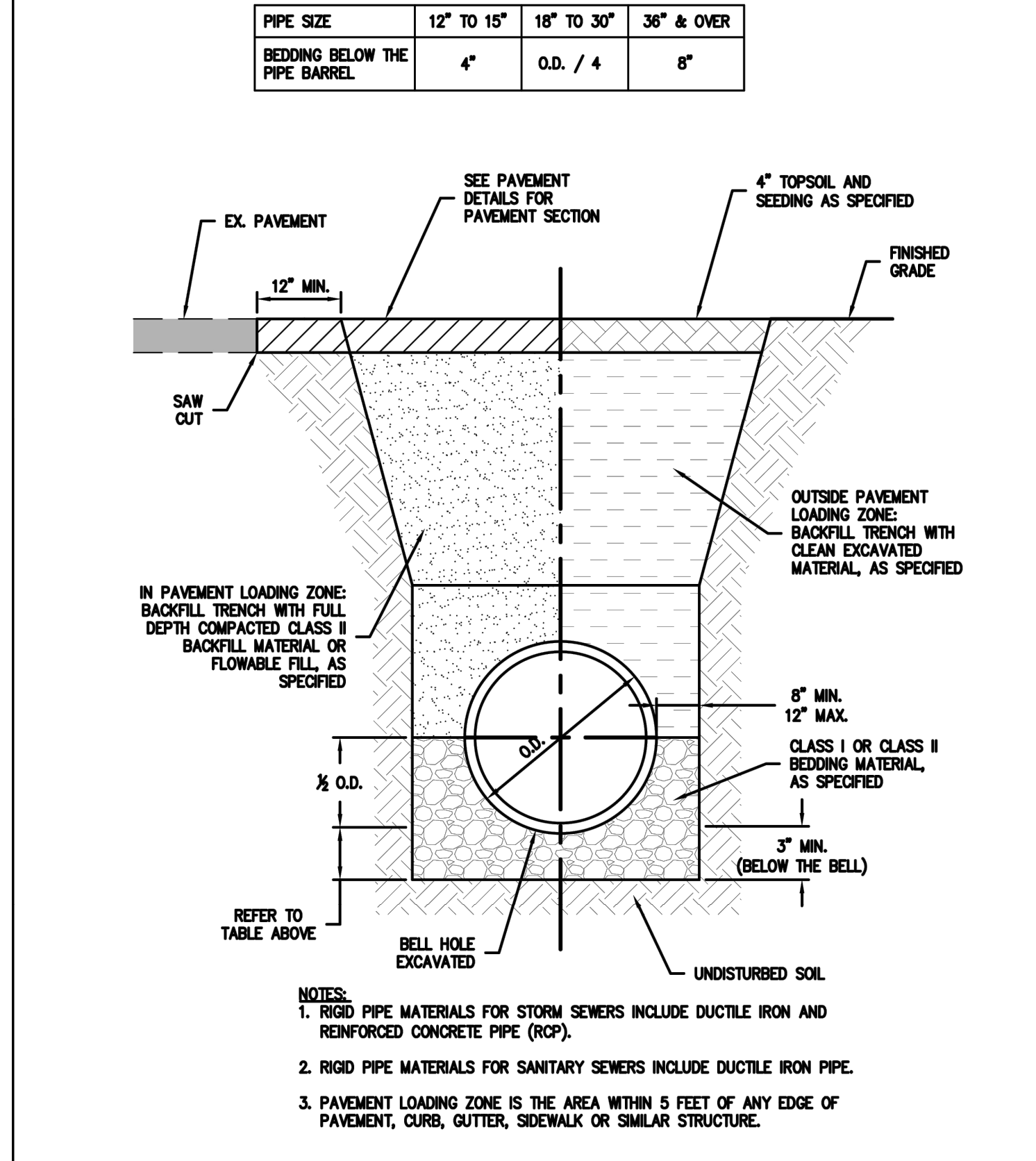
NOTE:  
CONCRETE SIDEWALK SHALL BE INSTALLED ON COMPACTED SUBGRADE, NO. 8 OR NO. 53 STONE SHALL BE INSTALLED AND COMPACTED ON THE APPROVED SUBGRADE. CONCRETE SHALL BE INDOT CLASS A CONCRETE AND IT SHALL HAVE A 28-DAY MINIMUM CONCRETE COMPRESSIVE STRENGTH OF 4,000 PSI. WHERE A SIDEWALK PASSES THROUGH A DRIVE APPROACH, IT SHALL BE THE SAME THICKNESS AS THE ADJACENT CONCRETE DRIVE, THE CONCRETE EQUIVALENT FOR THE ADJACENT HMA DRIVE, OR SIX (6) INCHES, WHICHEVER IS GREATER.

TOWN OF BROWNSBURG  
DETAIL NO. TR-06  
REVISION DATE: FEBRUARY 2024



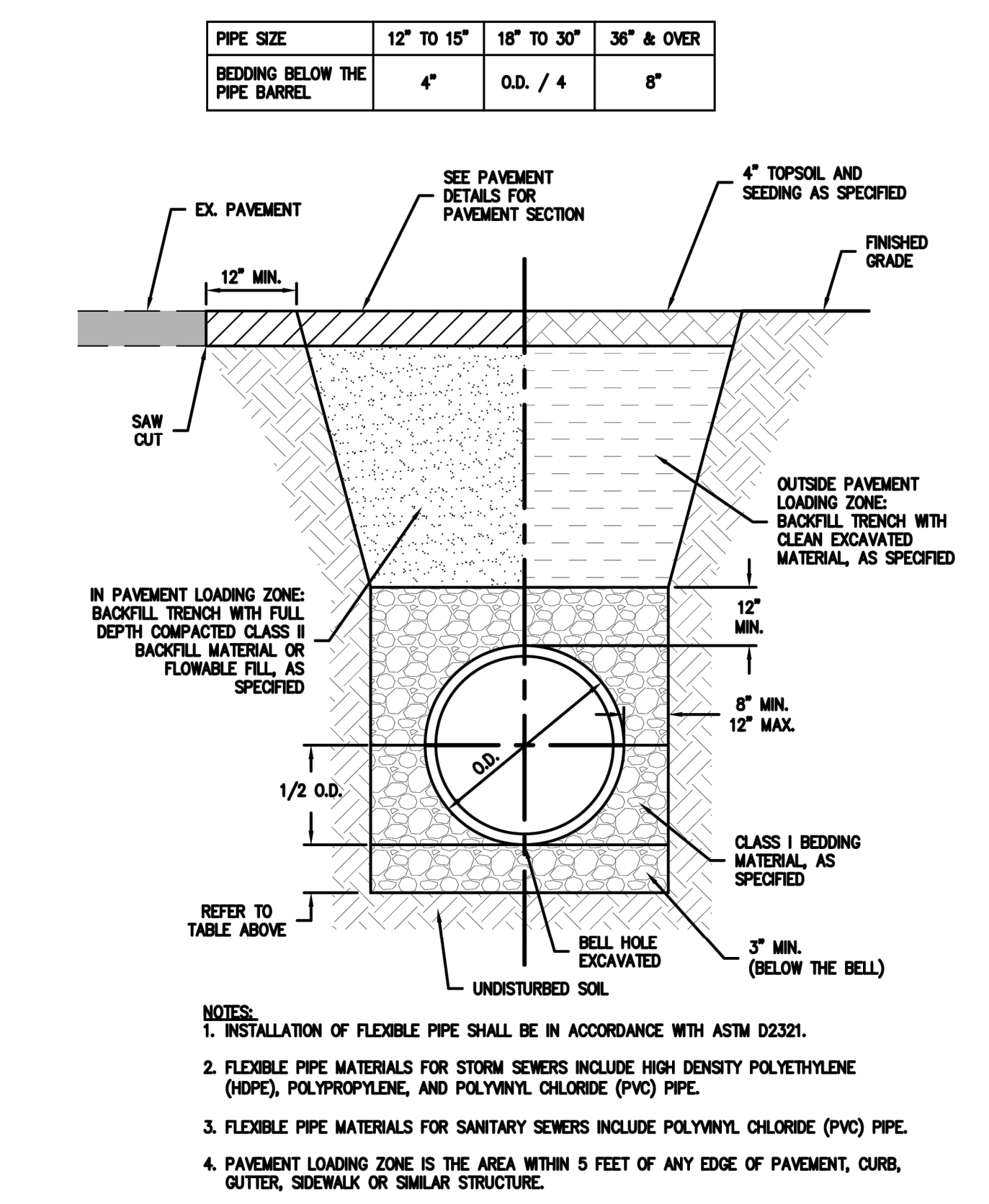
TYPE 1 STORM MANHOLE  
NO SCALE

A DIA.	B DIA.	APPLICATION
60"	24" TO 33"	HORIZ. PIPE DEFLECTION GREATER THAN 45° UP TO 90°
60"	27" TO 36"	HORIZ. PIPE DEFLECTION STRAIGHT THRU MANHOLE UP TO 45°
72"	36"	HORIZ. PIPE DEFLECTION GREATER THAN 45° UP TO 90°
72"	42" TO 48"	HORIZ. PIPE DEFLECTION STRAIGHT THRU MANHOLE UP TO 45°
84"	42"	HORIZ. PIPE DEFLECTION GREATER THAN 45° UP TO 90°
96"	48"	HORIZ. PIPE DEFLECTION GREATER THAN 45° UP TO 90°



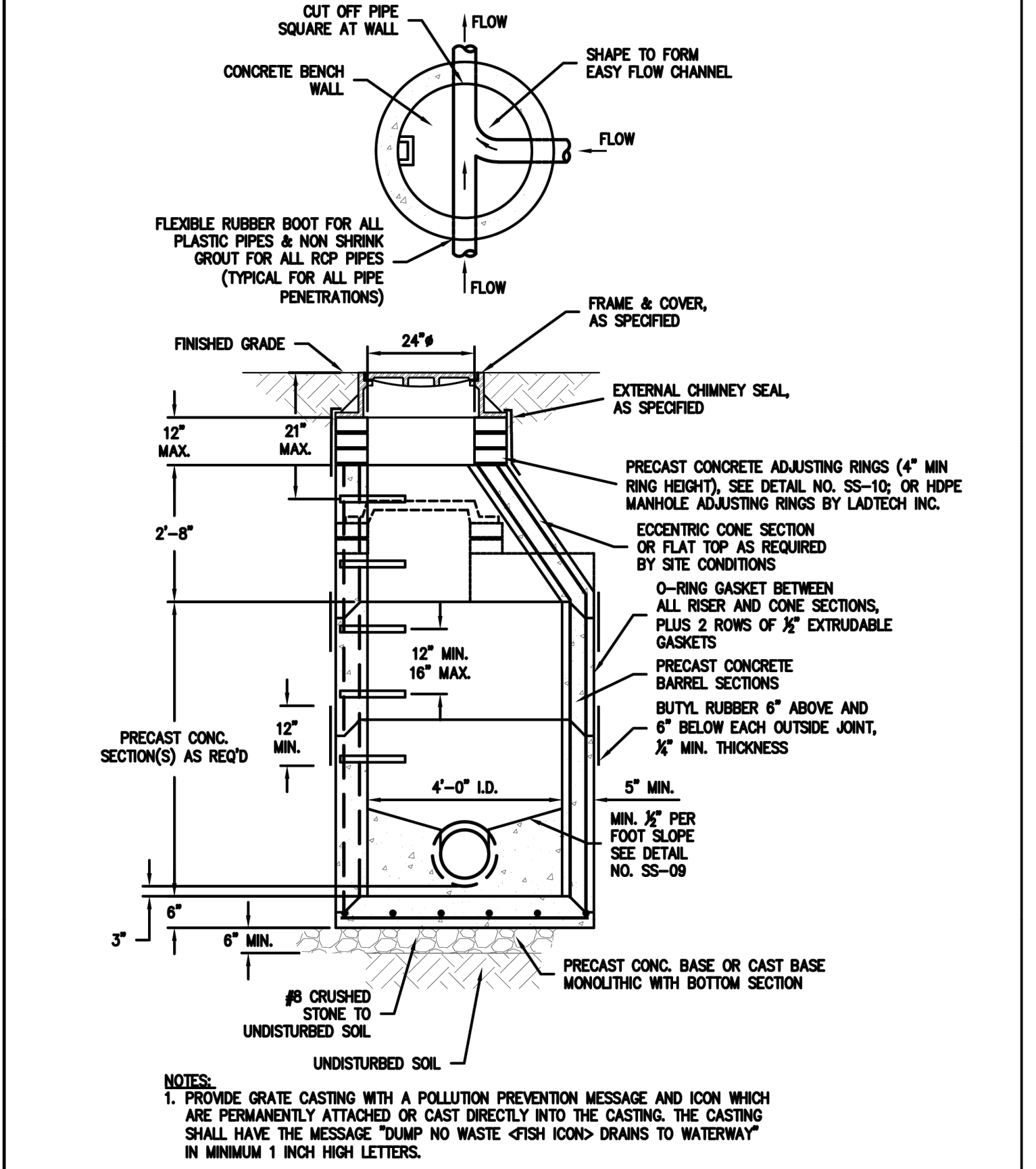
RIGID GRAVITY PIPE TRENCH  
NO SCALE

TOWN OF BROWNSBURG  
DETAIL NO. OT-02  
REVISION DATE: FEBRUARY 2024



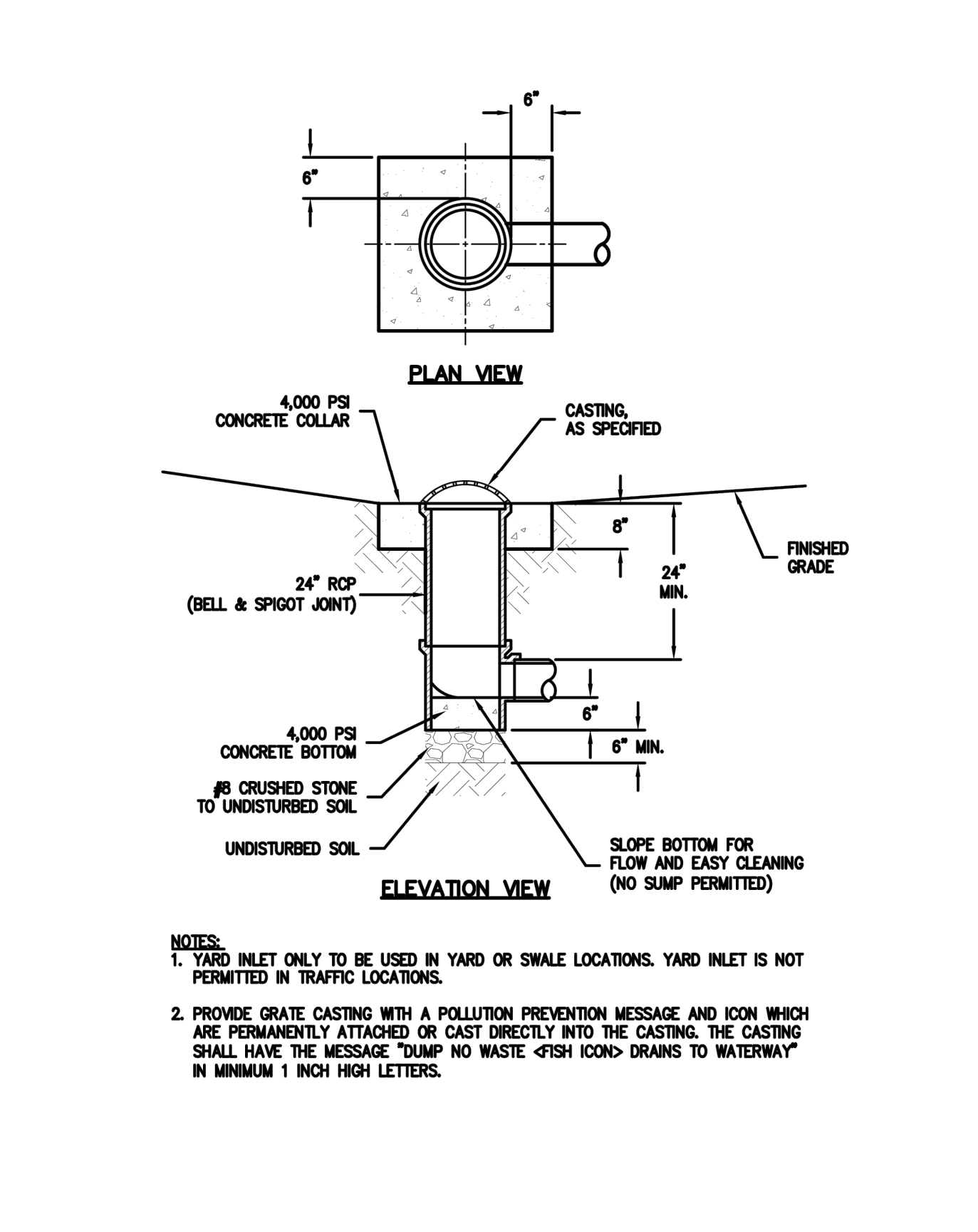
FLEXIBLE GRAVITY PIPE TRENCH  
NO SCALE

TOWN OF BROWNSBURG  
DETAIL NO. OT-04  
REVISION DATE: FEBRUARY 2024



STANDARD STORM MANHOLE  
NO SCALE

TOWN OF BROWNSBURG  
DETAIL NO. SW-11  
REVISION DATE: FEBRUARY 2024



YARD INLET  
NO SCALE

TOWN OF BROWNSBURG  
DETAIL NO. SW-14  
REVISION DATE: FEBRUARY 2024

Images: \xrefs: 10026635\BLK.dwg Brownsburg Details  
 Lot: Sneed, BvB, VonGorder, 1/26/2026, 10:07:49 AM  
 G:\DC\clients\Meijer\10026635\Meijer\_338A-001\_Brownsburg\_IN\4.0\_Disciplines\Civil\Cadd\Cad\Cad\10026635-DET.dwg Plotted By: VonGorder, Brianna Plotted: January 23, 2026, 10:56:56 AM

**CITIZENS WATER STANDARD PRACTICE N**  
 REVISION DATE: 7/25/2018 ISSUE DATE: 6/8/2009  
 1-1/2" & 2" SERVICE LINE SWING JOINT

**NOTES:**

- 1) ALL SIZE DI, CI, AND PVC MAINS REQUIRE A TAPPING SADDLE
- 2) ALL SIZE POLY MAINS REQUIRE A FUSED ON TAPPING SADDLE FOR 1-1/2" AND 2" SERVICE LINES
- 3) SADDLE AND TAPPING CORP. STOP SUPPLIED & INSTALLED BY CEG. THIS MATERIAL WILL NOT BE SUPPLIED ON DEVELOPER PROJECTS.
- 4) ALL TAP EXCAVATIONS ARE REQUIRED TO BE BACKFILLED WITH GRANULAR OR FLOWABLE FILL TO A POINT 1'-0" ABOVE WATER MAIN
- 5) SWING JOINT DIRECTION MUST NOT DEVIATE FROM DRAWING
- 6) A COMPRESSION FITTING MUST BE USED OUT OF CURB STOP TO SERVICE LINE
- 7) STIFFENERS MUST BE USED ON ALL POLY SERVICES
- 8) 4" PLASTIC RISER W/ 5-1/4" VALVE BOX MUST BE INSTALLED OVER CURB STOP AND RESTING ON CONCRETE BLOCK
- 9) POLY SERVICES REQUIRE A TRACER WIRE WHICH SHOULD BE ROUTED ON THE OUTSIDE OF THE 4" RISER THEN STUBBED INSIDE THE RISER AT THE TOP. VERIFY THIS WIRE DOES NOT INTERFERE WITH THE OPERATION OF THE CURB STOP.

**CITIZENS WATER STANDARD PRACTICE O**  
 REVISION DATE: 11/06/2023 ISSUE DATE: 6/8/2009  
 INSTALLATION OF RESTRAINTS

**BEND RESTRAINT**

1. ALL BENDS REQUIRE RESTRAINTS.
- ALL BENDS ARE DUCTILE IRON AND REQUIRE (1) MECHANICAL JOINT RESTRAINT ON EACH SIDE OF THE FITTING.
- 1-1/2" BENDS REQUIRE ONLY MECHANICAL JOINT RESTRAINTS AND A SET OF JOINT RESTRAINTS 42" EACH SIDE OF THE FITTING.
- THRUST BLOCK REQUIRED ON ALL 45° & 90° BENDS.

**MAIN LINE REDUCER**

- 4" & 6" USE 1 MECHANICAL JOINT RESTRAINT & 1 JOINT RESTRAINTER @ MIN. 20" ON EACH SIDE OF REDUCER.
- 10" & LARGER USE 2 JOINT RESTRAINTERS ON THE LARGER SIDE @ MIN. 20" ON THE SMALLER SIDE @ MIN. 20"

**IN-LINE FITTINGS**

- (2) JOINT RESTRAINT ON EACH SIDE
- (2) JOINT RESTRAINTS AND (1) MECH. JOINT RESTRAINTER ON EACH SIDE

**DUCTILE IRON JOINT RESTRAINT DETAIL**

**PVC JOINT RESTRAINT DETAIL**

**CITIZENS WATER STANDARD PRACTICE O.1**  
 REVISION DATE: 8/25/2010 ISSUE DATE: 9/17/2010  
 VEHICLE IMPACT PROTECTION FOR HYDRANTS

ADOPTED CODE FOR THE STATE OF INDIANA, TAKEN FROM THE 2006 INTERNATIONAL FIRE CODE.  
 SECTION 312 VEHICLE IMPACT PROTECTION

312.1 GENERAL VEHICLE IMPACT PROTECTION REQUIRED BY THIS CODE SHALL BE PROVIDED BY POSTS THAT COMPLY WITH SECTION 312.2 OR BY OTHER APPROVED PHYSICAL BARRIERS THAT COMPLY WITH SECTION 312.3.

312.2 POSTS. GUARD POSTS SHALL COMPLY WITH ALL OF THE FOLLOWING REQUIREMENTS:

1. CONSTRUCTED OF STEEL NOT LESS THAN 4 INCHES (102 MM) IN DIAMETER AND CONCRETE FILLED.
2. SPACED NOT MORE THAN 4 FEET (1219 MM) BETWEEN POSTS ON CENTER.
3. SET NOT LESS THAN 3 FEET (914 MM) DEEP IN A CONCRETE FOOTING OF NOT LESS THAN A 15-INCH (381 MM) DIAMETER.
4. SET WITH THE TOP OF THE POSTS NOT LESS THAN 3 FEET (914 MM) ABOVE GROUND.
5. LOCATED NOT LESS THAN 3 FEET (914 MM) FROM THE PROTECTED OBJECT

312.3 OTHER BARRIERS. PHYSICAL BARRIERS SHALL BE A MINIMUM OF 36 INCHES (914 MM) IN HEIGHT AND SHALL RESIST A FORCE OF 12,000 POUNDS (53 375 N) APPLIED 36 INCHES (914 MM) ABOVE ADJACENT GROUND SURFACE.

**CITIZENS WATER STANDARD PRACTICE B**  
 REVISION DATE: 10/02/2019 ISSUE DATE: 12/31/2019  
 STANDARD HYDRANT SETTING

**NOTES:**

1. ALL HYDRANTS SHALL BE RESTRAINED TO THE HYDRANT TEE WITH DUCTILE IRON BRANCH PIPING ENCASED IN POLYETHYLENE WRAP.
2. SWIVEL 90° BEND MAY BE USED TO INSTALL HYDRANT AND VALVE IN GRASS STRIP BETWEEN CURB & SIDEWALK.
3. A MANUFACTURED "OUT OF SERVICE" SIGN WILL BE REQUIRED ON HYDRANTS UNTIL MAIN HAS BEEN PLACED "IN SERVICE" BY THE INSPECTOR.
4. FOR BRANCH PIPE LONGER THAN 10', INSTALL TRACING WIRE ALONG HYDRANT VALVE RISER.

**CITIZENS WATER STANDARD PRACTICE A**  
 REVISION DATE: 09/29/2021 ISSUE DATE: 6/8/2009  
 WATER MAIN SEPARATION FROM OTHER UTILITIES

**NOTE:**  
 WATER MAIN AND SANITARY SEWERS SHALL BE PLACED IN SEPARATE TRENCHES.

**TYPICAL WATER MAIN DEPTH**

1. ALL PIPE SHALL HAVE A MINIMUM OF 54" COVER BELOW FINISHED GRADE.
2. ALL PIPE SHALL HAVE A MAXIMUM OF 82" COVER BELOW FINISHED GRADE. DEPTHS GREATER THAN 82" COVER WILL REQUIRE A LOWERING

**WATER MAIN LAYING PARALLEL TO OTHER UTILITIES SECTION VIEW**

**WATER MAIN CROSSING SEWER SECTION VIEW**

**CITIZENS WATER STANDARD PRACTICE A.1**  
 REVISION DATE: 9/20/2018 ISSUE DATE: 7/17/2013  
 WATER MAIN AND SERVICE BACKFILL REQUIREMENTS

SURFACE RESTORATION TO BE COMPLETED PER LOCAL STANDARDS OR CITIZENS WATER SPECIFICATIONS, WHICH EVER IS GREATER

WITHIN 5' OF PAVEMENT:  
 B-BORROW COMPACTED TO 95% MAXIMUM DENSITY, OR PER LOCAL SPECIFICATIONS, 5' OR GREATER FROM PAVEMENT: CLEAN BACKFILL, PER SPECIFICATIONS

GRANULAR BACKFILL, SAND OR B-BORROW, COMPACTED TO 95% MAXIMUM DENSITY

SCALE: NTS

**NOTE:**  
 COMPACTED BACKFILL IN LIFTS OF 12" MAXIMUM. TRENCH EXCAVATION SHALL CONFORM TO LOCAL STANDARDS.

**CITIZENS WATER STANDARD PRACTICE A.2**  
 REVISION DATE: 10/02/2019 ISSUE DATE: 12/31/2019  
 THRUST BLOCKING

Each area is 1/2" of tabulated total area.

**Notes:**

- 1) CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
- 2) KEEP CONCRETE CLEAR OF JOINT AND ACCESSORIES.
- 3) POLYETHYLENE ENCASEMENT SHALL BE PLACED BETWEEN CONCRETE AND FITTINGS.
- 4) ALL POURED IN PLACE CONCRETE SHALL HAVE A 28 DAY STRENGTH OF 3,000 P.S.I., 2" TO 4" SLUMP AND INCLUDE WIRE MESH FOR REINFORCEMENT.
- 5) MINIMUM SOIL BEARING SURFACE AREA REQUIREMENTS ARE PROVIDED BELOW BASED ON 150 P.S.I. WATER PRESSURE PLUS 100 P.S.I. WATER HAMMER AND SOIL BEARING CAPACITY OF 3,000 POUNDS PER SQUARE FOOT.

Pipe Size	Minimum Soil Bearing Surface Area (ft <sup>2</sup> ) (Assuming 3,000 psf Soil Bearing Capacity)	
	Horizontal Bends	Tee or Dead End (Plug/Cap)
6"	22-1/2"	45"
8"	6	9"
12"	4	6
16"	6	11
20"	9	18
24"	13	27
30"	20	45
36"	31	59

**WOOLPERT**  
 4454 Idea Center Boulevard  
 Dayton, OH 45430  
 937.461.5660

**meijer**  
 2929 WALKER AVENUE  
 GRAND RAPIDS, MICHIGAN 49544  
 (616) 453-6711

REV.	DATE	DESCRIPTION

MEIJER OUTLOT #338A  
 9180 E. 65TH STREET  
 BROWNSBURG, INDIANA 46112

WATER DETAILS

ISSUED FOR:	
PERMIT	012826
BD	XXXXX26
CONSTRUCTION	XXXXX26

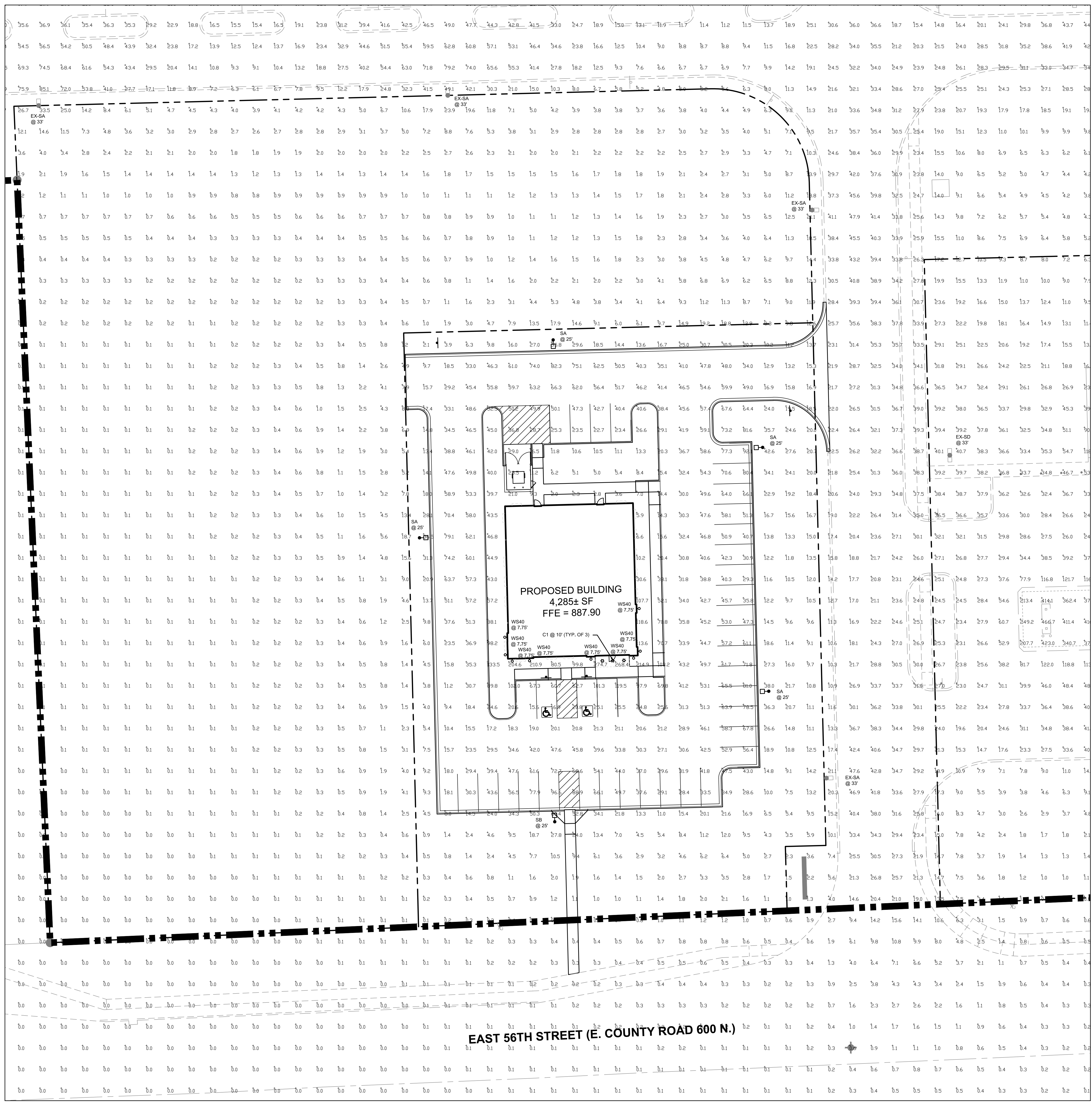
PROJECT MANAGER	DESIGNER
BLS	JMR

JOB NO.  
 10026635

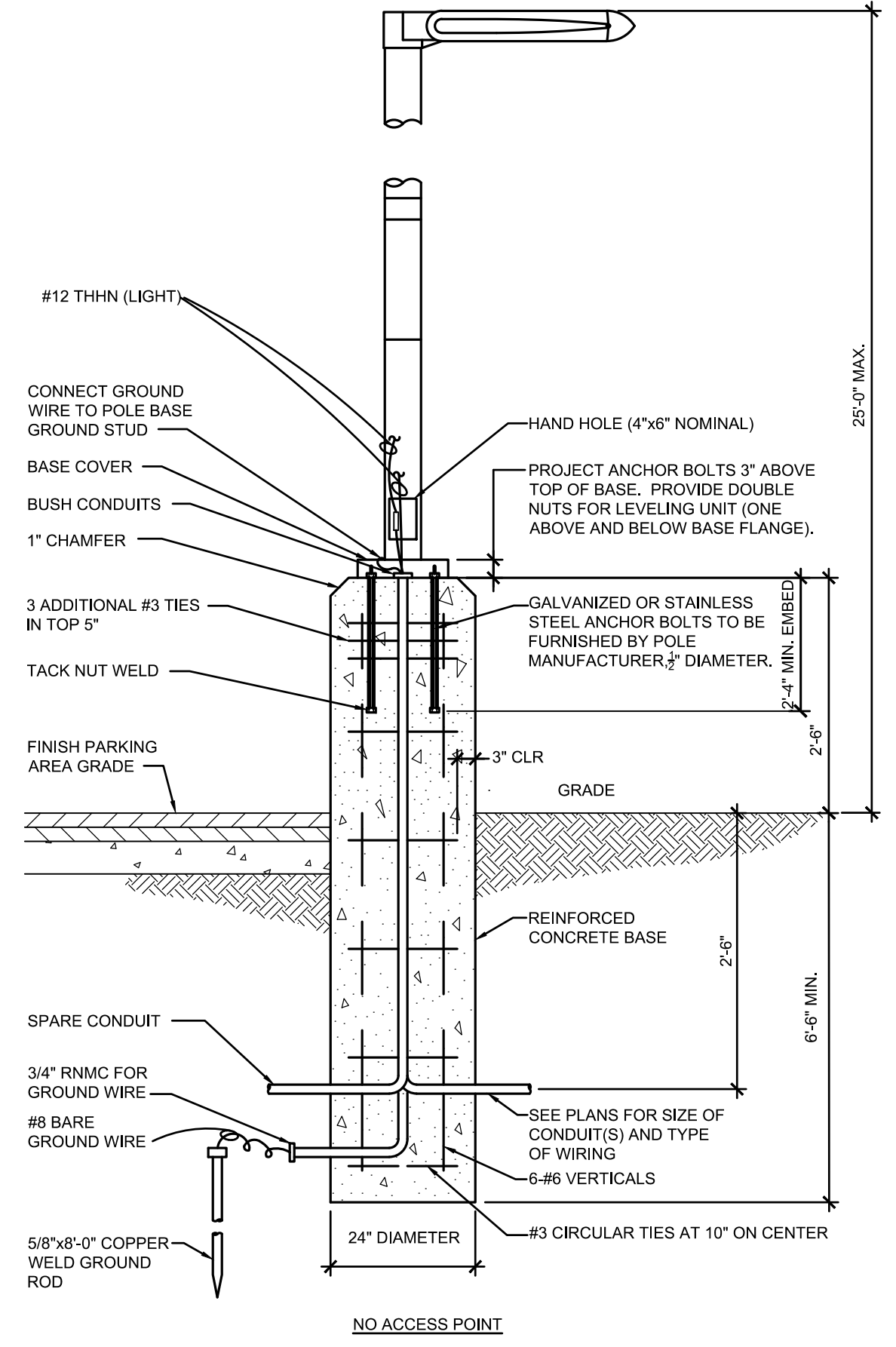
C-704

Images: \xrefs: 10026635\BLK.dwg  
 User: BJB  
 Date: 1/26/2026 10:07:49 AM  
 G:\DC\Clients\Meijer\10026635 Meijer -338A-001, Brownsburg, IN\4.0 Disciplines\Civil\Cadd\Cad\10026635-DET.dwg Plotted By:VanGorder, Brienne Plotted: January 29, 2026, 10:57:22 AM

Images: \xrefs: 10026635-p.dwg; 10026635-blk.dwg; 10026635-photometric.dwg  
 Lot: Served By: BLS  
 C:\DE\Clients\Meijer\10026635-LTC.dwg Plotted By: VanGorder, Brianna Plotted: January 23, 2026, 10:58:14 AM



**A1** PHOTOMETRIC PLAN  
1"=20'



**D6** RAISED CONCRETE LIGHTING BASE DETAIL  
NTS

**STATISTICAL AREA SUMMARY**

LABEL	AVG	MAX	MIN	AVG/HIN	MAX/HIN
SITE	14.8	466.7	0.0	N/A	N/A
TERRIAL OFFICE SITE	14.3	274.7	0.2	171.7	137.4
PARKING LOT	31.9	96.6	8.0	6.5	121
PROPERTY LINE	6.8	19.2	0.1	68.2	192.0

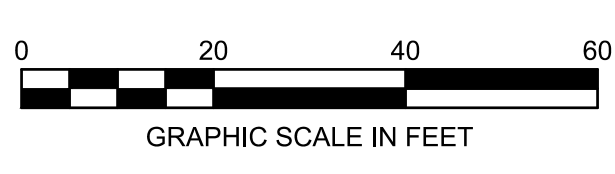
NOTES:  
 1. CALCULATION POINTS IN LUX (LUMEN / SQUARE METER) PER TOWN OF BROWNSBURG GUIDELINES.  
 2. MOUNTING HEIGHT VARIES. SEE LABEL ON PLAN.

**C6** CALCULATION SUMMARY  
NTS

**LUMINAIRE SCHEDULE**

LABEL	QTY	TYPE	DESCRIPTION	LUM. LUMENS	LLF
WS40	8	WALL MOUNTED, LED	REFER TO LIGHTING FIXTURE IN ARCHITECTURAL PLAN SET	4270	0.810
SA	3	SITE LIGHT ARM MOUNTED, TYPE 3 BACKLIGHT CONTROL, 32,000 LUMEN LED, 22.5' POLE	RSX3 LED P4 40K R4 HS	28388	0.810
SB	1	SITE LIGHT ARM MOUNTED, TYPE 4 BACKLIGHT CONTROL, 34,000 LUMEN LED, 22.5' POLE	RSX3 LED P4 40K R4 HS	28929	0.810
C1	3	CANDY MOUNTED, LED	REFER TO LIGHTING FIXTURE IN ARCHITECTURAL PLAN SET	4142	0.810

**B5** LUMINAIRE SCHEDULE  
NTS



4454 Idea Center Boulevard  
 Dayton, OH 45430  
 937.461.5660

**meijer**  
 2929 WALKER AVENUE  
 GRAND RAPIDS, MICHIGAN 49544  
 (616) 453-6711

REV.	DATE	DESCRIPTION

MEIJER OUTLOT #338A  
 9180 E. 65TH STREET  
 BROWNSBURG, INDIANA 46112

**PHOTOMETRIC PLAN**

ISSUED FOR:

PERMIT	012826
BID	XXXXX26
CONSTRUCTION	XXXXX26

PROJECT MANAGER	DESIGNER
BLS	JMR

10026635

**C-800**