

CITY OF NEW ALBANY

Department of Public Works
Site Development Plans

ROUTE: GRANT LINE ROAD

This project will include the development of site plans including grading, site drainage, detention, erosion control, and retaining wall.
The project is located in New Albany, Indiana. Survey No. 42, Illinois Grant, New Albany Township, Floyd County.

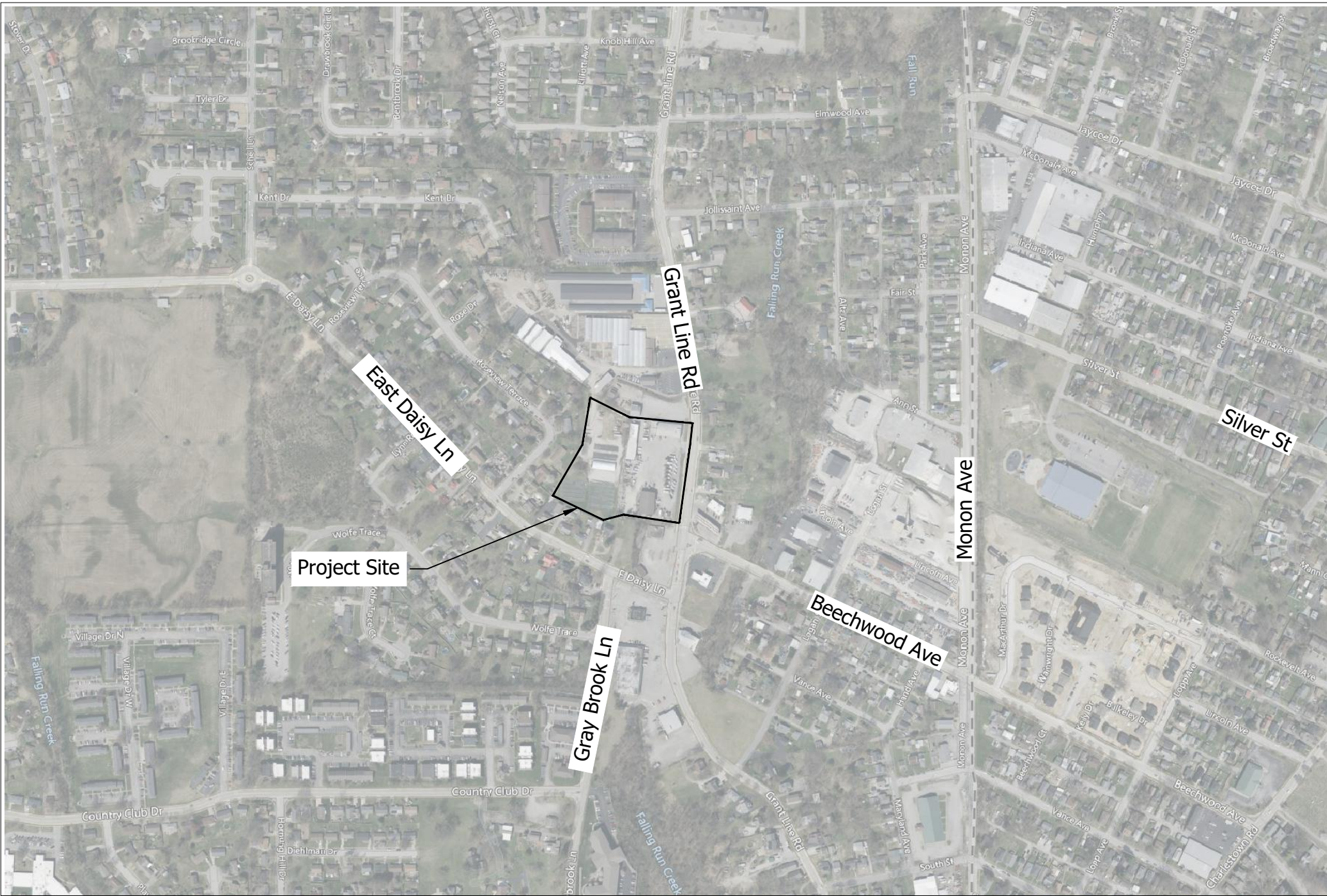


JEFF GAHAN - MAYOR

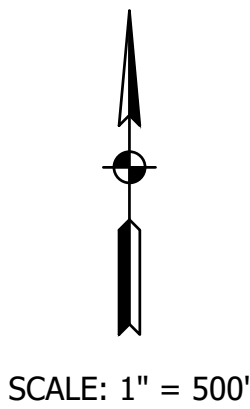
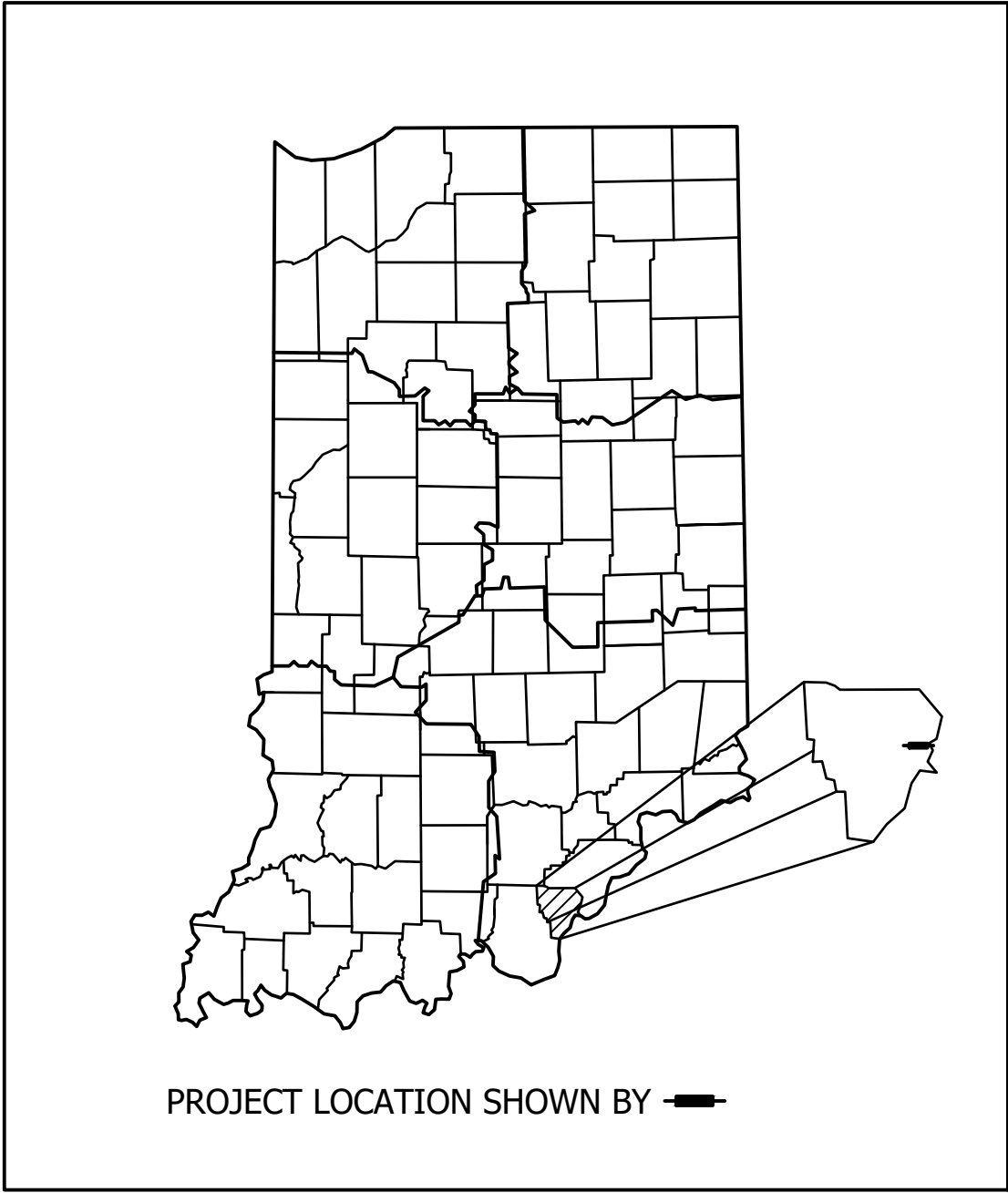
NEW ALBANY REDEVELOPMENT COMMISSION

- TERRY MIDDLETON - PRESIDENT
- BOB NORWOOD - VICE PRESIDENT
- DANIEL GUESS JR - SECRETARY
- JENNIE COLLIER
- ADAM DICKEY

- LARRY MICHAEL SUMMERS, P.E. - CITY ENGINEER



PROJECT LOCATION MAP
NEW ALBANY, INDIANA



LATITUDE: 38°18'29.50" N LONGITUDE: 85°49'17.00 W

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2026
TO BE USED WITH THESE PLANS.

File Name: P:\RD\C3D\25-419 New Albany DPW Site Development\Road\Draw\Plans\Title.dwg Plot Date: 6/9/2026 Plotted By: Jake Ferrill



8440 Allison Pointe Blvd.
Suite 200
Indianapolis, IN 46250
Phone 317-895-2585
www.ucindy.com

PLANS PREPARED BY:	UNITED CONSULTING	(317) 895-2585
		PHONE NUMBER
CERTIFIED BY:		DATE
APPROVED FOR LETTING:	INDIANA DEPARTMENT OF TRANSPORTATION	DATE

BRIDGE FILE		
N/A		
DESIGNATION		
-		
SHEETS		
1	of	17
CONTRACT		
-		

NOTES:
1. The proposed fence on the north end is offset 2.0 feet from the edge of the construction limits to make it visible on the plans. See the Details Sheet for more information.



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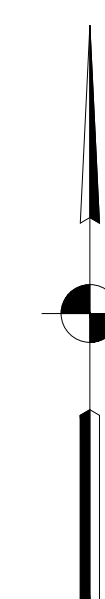
RECOMMENDED FOR APPROVAL _____	
DESIGNED: EHT	DRAWN: EHT
CHECKED: CCR	CHECKED: CCR

CITY OF
NEW ALBANY

EXISTING SITE
LAYOUT

HORIZONTAL SCALE 1" = 30'	BRIDGE FILE -
VERTICAL SCALE N/A	DESIGNATION -
SHEETS 3 of 17	
CONTRACT -	

1. The proposed fence running parallel with the property line on the North, West and South sides is offset 2.0 feet from the edge of the property line to make it visible on the plans. The fence is to be installed on the property line limits using the provided Northing and Easting coordinates; Corner of Fence.



HORIZONTAL SCALE	BRIDGE FILE		
1"=30'	-		
VERTICAL SCALE	DESIGNATION		
N/A	-		
	SHEETS		
	4	of	17
	CONTRACT		
	-		

CONSTRUCTION SITE PLAN

DESIGNED: <u>EHT</u>	DRAWN: <u>JAF</u>
CHECKED: <u>CCR</u>	CHECKED: <u>CCR</u>



File Name: P:\RD\C3D\25-419 New Albany DPW Site Development\Road\Draw\Plans\Site Details.dwg Plot Date: 6/9/2026 Plotted By: Jake Ferrill

(CR) Curb Ramp

(F) Concrete footings

(K) Heavy Duty HMA Pavement
1.5" INDOT Type B, 9.5mm on
3.5" INDOT Type B, 12.5mm on
6.0" INDOT No 53 Crushed Stone on
Compacted Natural Grade

	x	6' Perimeter Fence
		Proposed Building
		Proposed Dumpster
(13)		Curb, 6 IN
(27)		Seed Mixture, U

LEGEND

File Name: P:\RD\C3D\25-419 New Albany DPW Site Development\Road\Drawings\Proposed Grading Plan.dwg Plot Date: 6/9/2026 Plotted By: Jake Ferrill

- LEGEND**
- Pr. XXX.XX Proposed Elevation
 - Ex. XXX.XX Existing Elevation
 - TC: XXX.XX Proposed Top Of Curb Elevation
 - BC: XXX.XX Proposed Bottom Of Curb Elevation
 - TW: XXX.XX Proposed Top Of Wall Elevation



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PROPOSED
GRADING PLAN

City side walk repairs and replacements are to match
existing sidewalk elevations and new drive elevations.

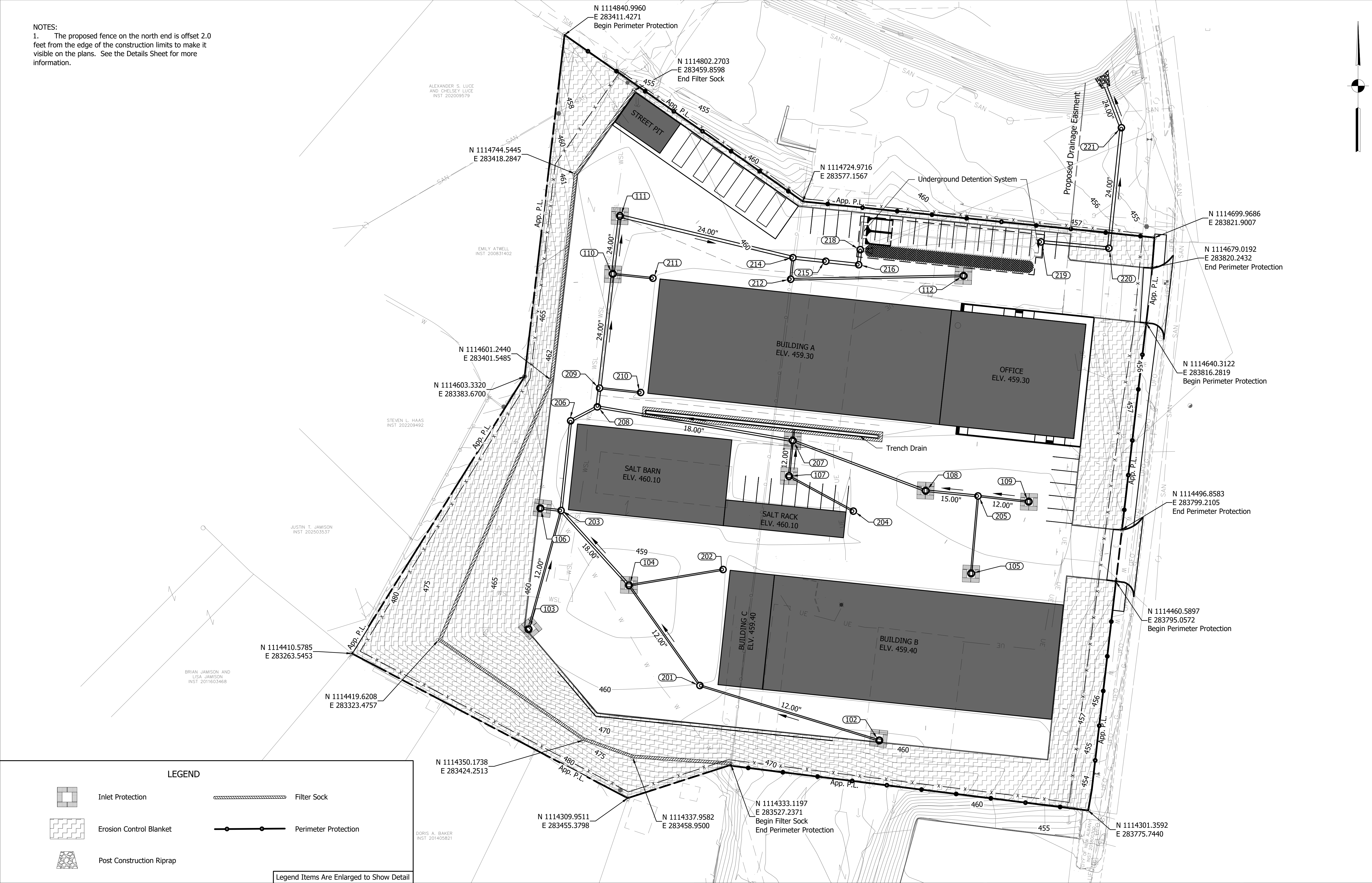
HORIZONTAL SCALE	BRIDGE FILE
1"=30'	-
VERTICAL SCALE	DESIGNATION
N/A	-
SHEETS	
5	of 17
CONTRACT	
-	

DRAINAGE
SITE PLAN

	HORIZONTAL SCALE	BRIDGE FILE
	1"=30'	-
	VERTICAL SCALE	DESIGNATION
	N/A	-

	SHEETS		
	6	of	17
	CONTRACT		

NOTES:
1. The proposed fence on the north end is offset 2.0 feet from the edge of the construction limits to make it visible on the plans. See the Details Sheet for more information.





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DESIGN ENGINEER

DRAWN: EHT
CHECKED: CCR

DATE

CITY OF
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EROSION CONTROL
PLAN

HORIZONTAL SCALE
1"=30'

VERTICAL SCALE
N/A

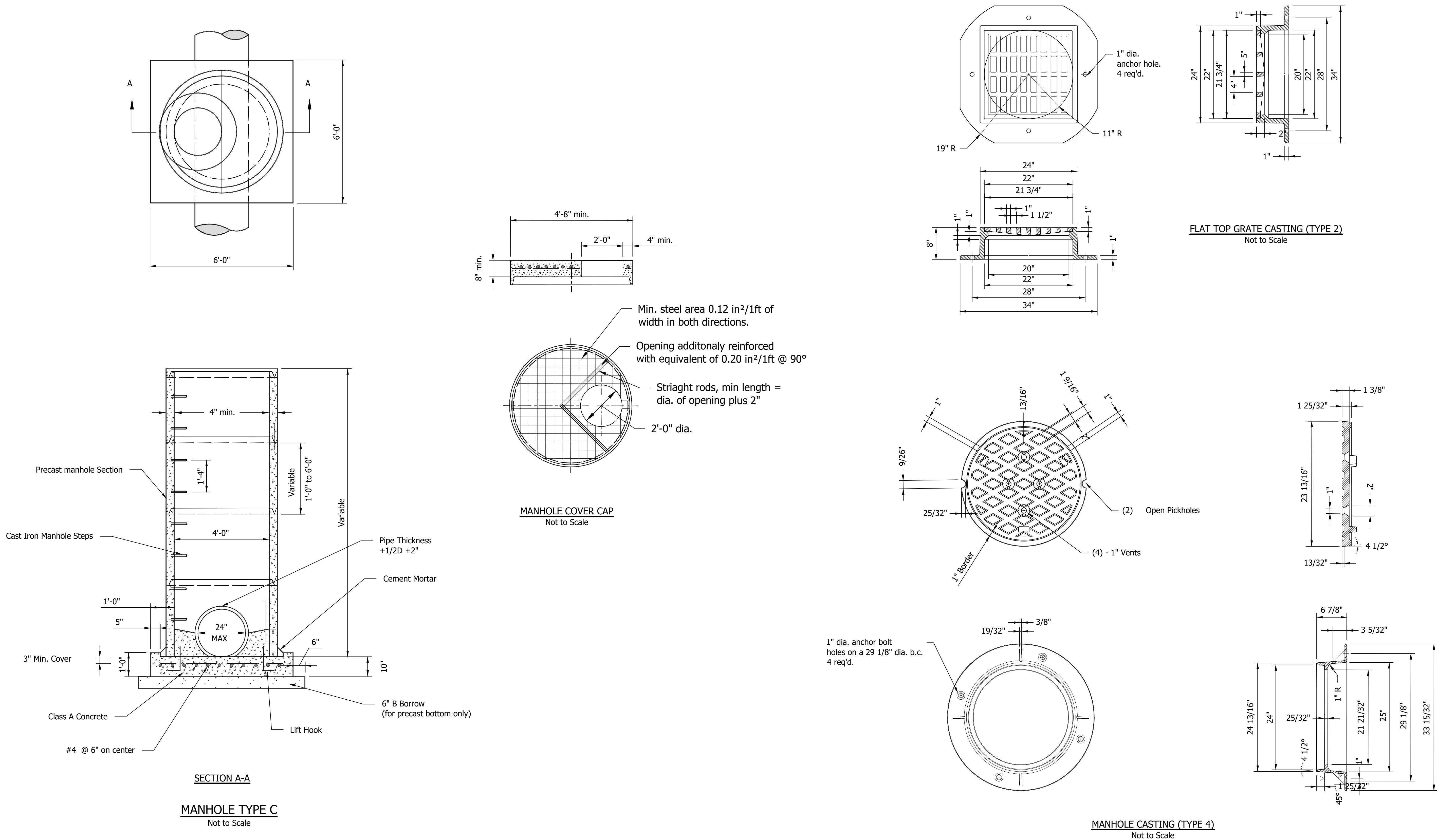
BRIDGE FILE
-

DESIGNATION
-

SHEETS
7 of 17

CONTRACT
-

File Name: P:\RD\C3D\25-419 New Albany DPW Site Development\Road\Drawg\Plans\Drainage Details.dwg Plot Date: 6/9/2026 Plotted By: Jake Ferrill



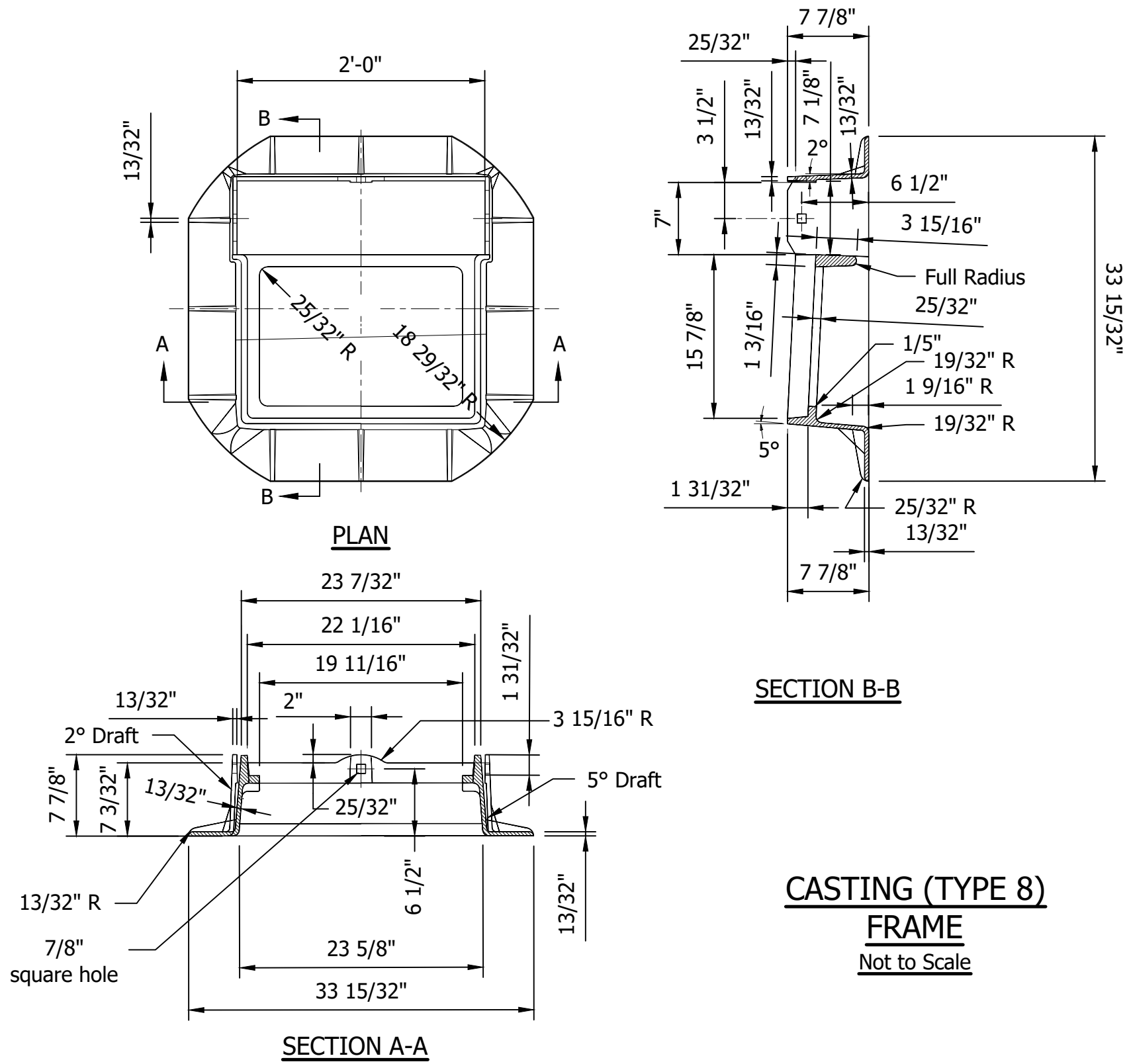
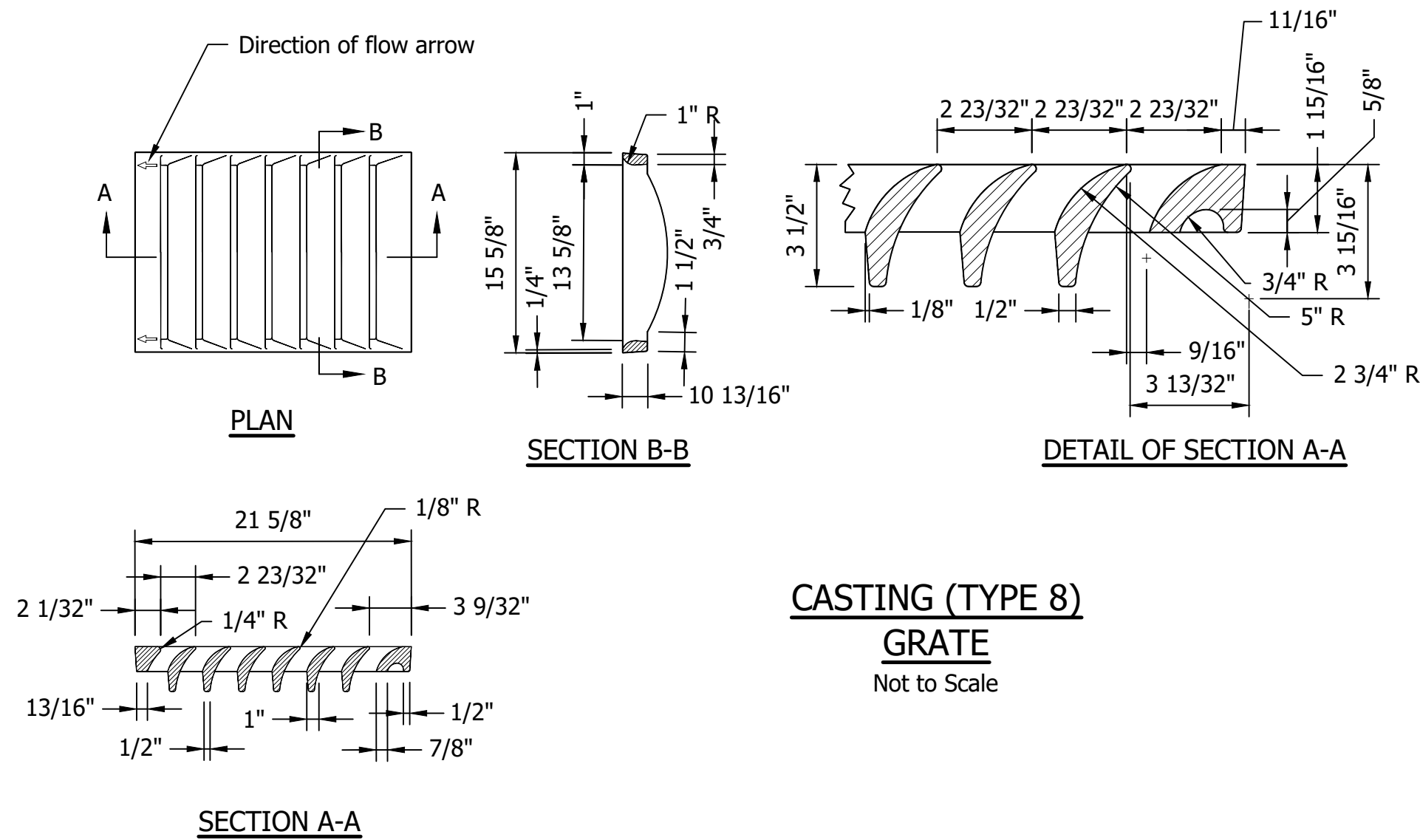
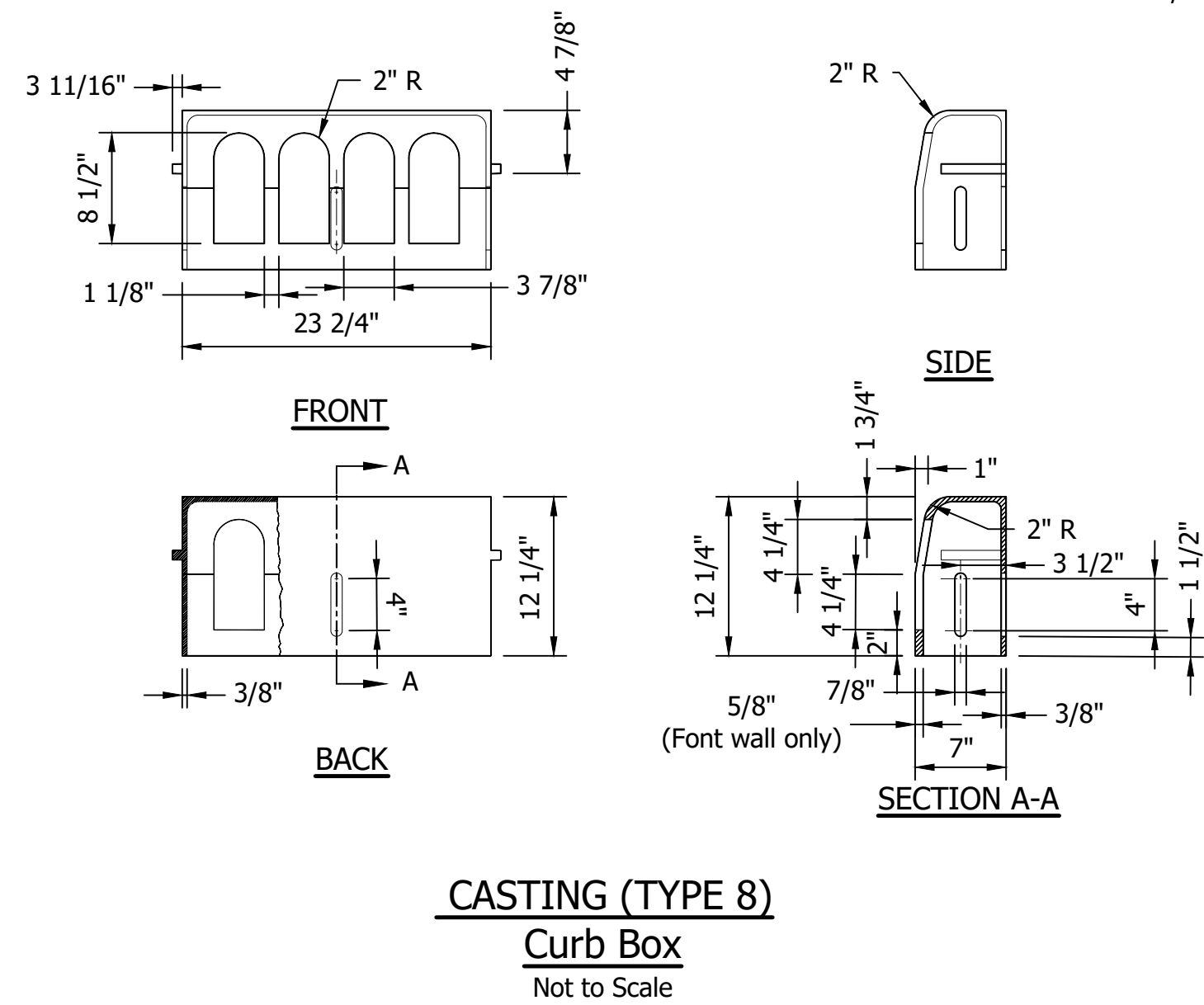
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DESIGNED: EHT	DRAWN: JAF
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DRAINAGE
DETAILS

HORIZONTAL SCALE 1"=5'	BRIDGE FILE -
VERTICAL SCALE N/A	DESIGNATION -
SHEETS 9 of 17	
CONTRACT -	



GENERAL NOTES

1. Curb box adjustable from 5 1/4" to 3 3/4"



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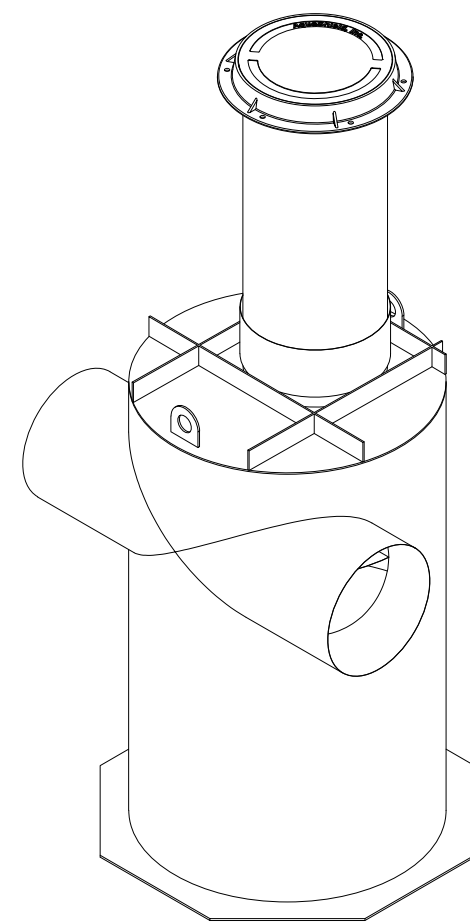
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CHECKED: CCR CHECKED: CCR

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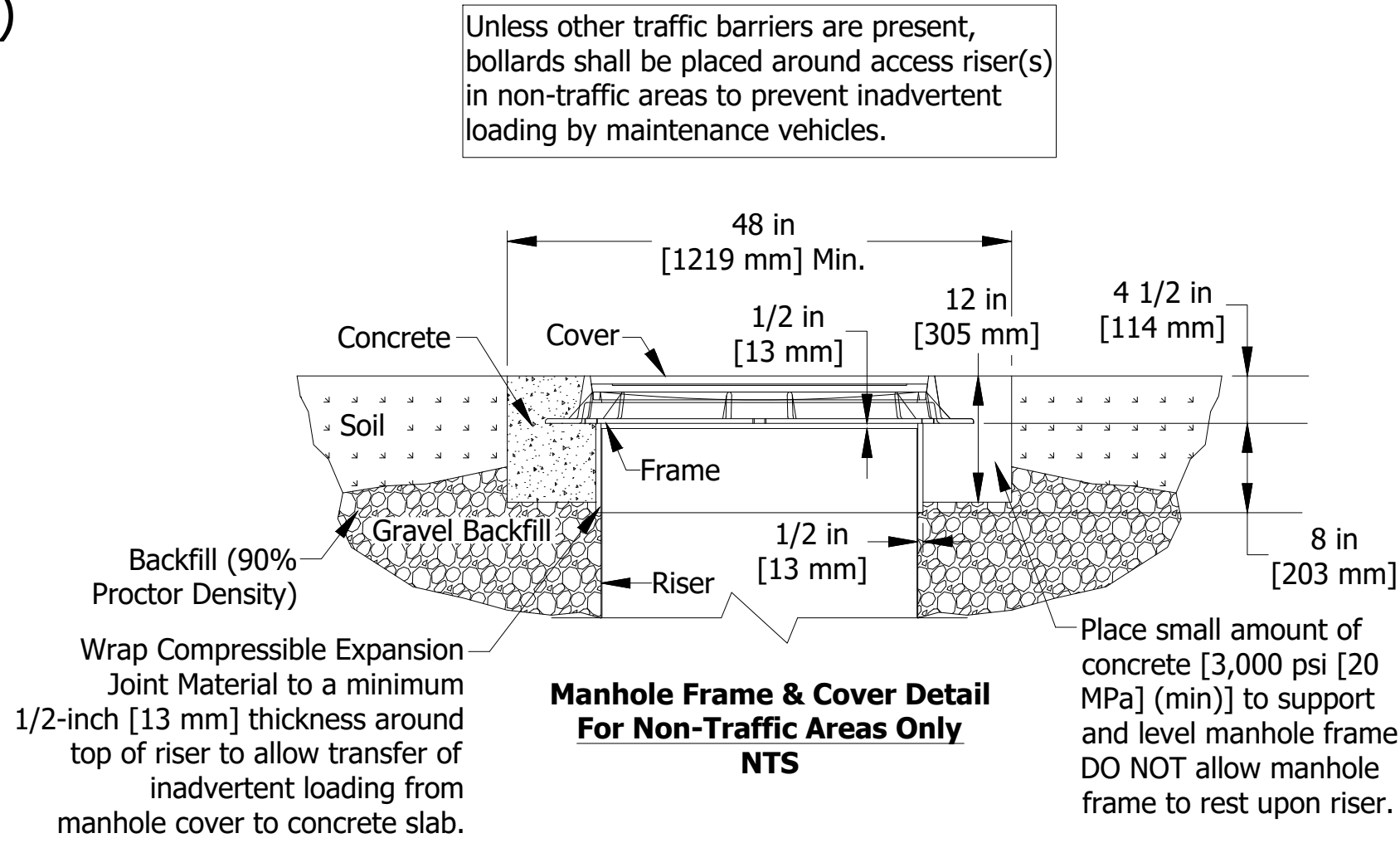
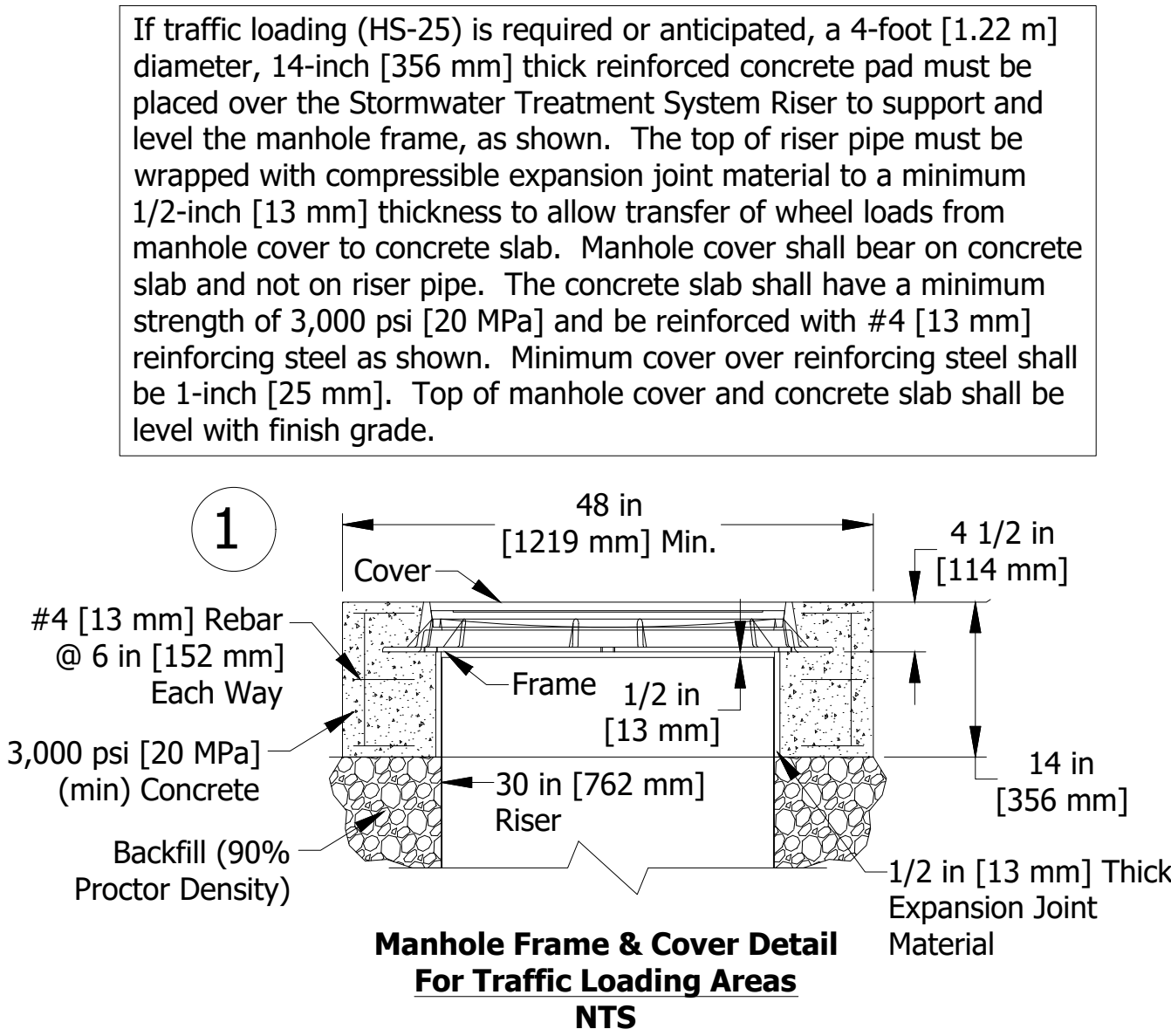
DRAINAGE
DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1"=5'	-
VERTICAL SCALE	DESIGNATION
N/A	-
SHEETS	
10 of 17	
CONTRACT	
-	

Aqua-Swirl® Polymer Coated Steel (PCS)
Stormwater Treatment System

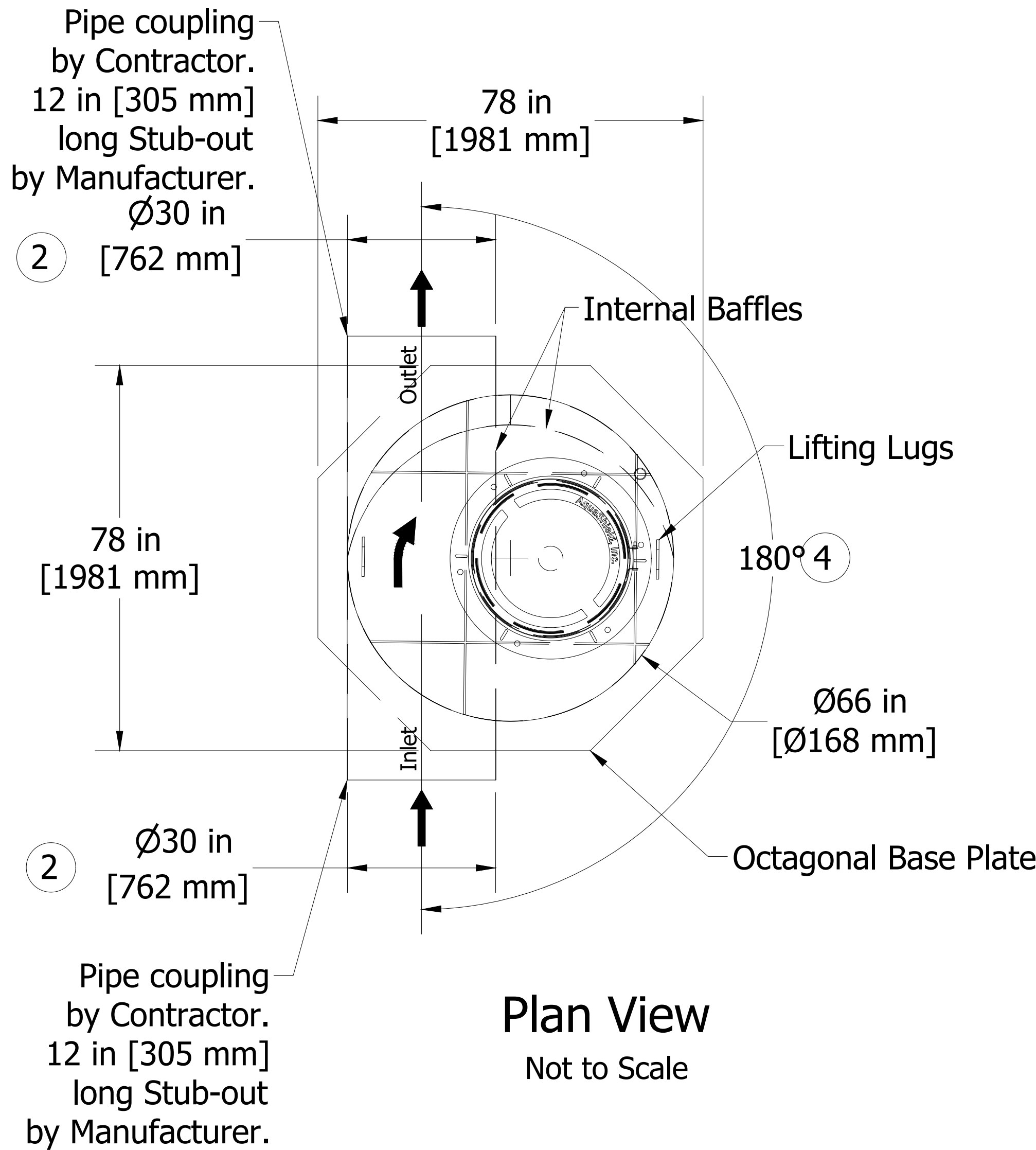
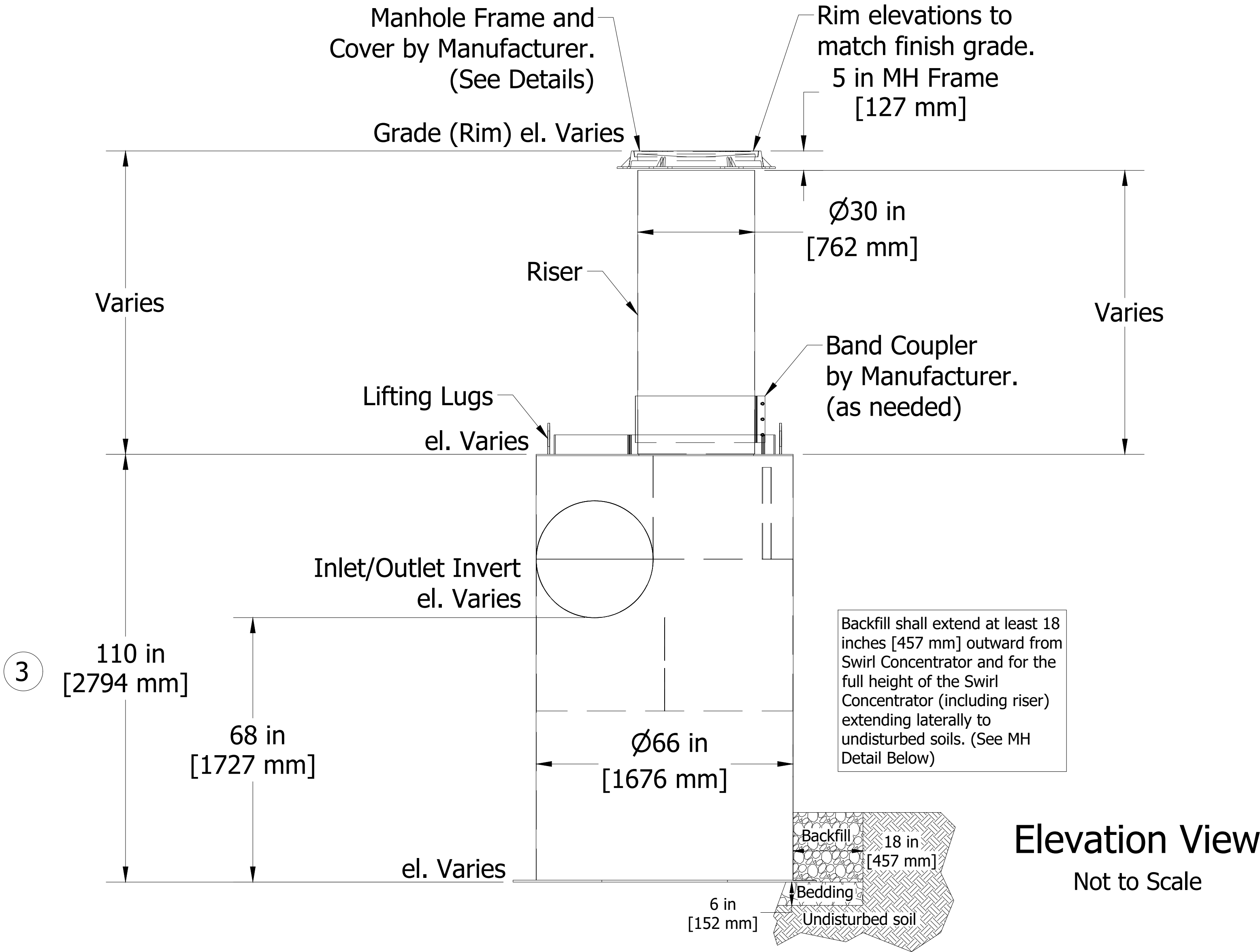


Projected View
Not to Scale



Please see accompanied Aqua-Swirl® specification notes. See Site Plan for actual system orientation. Approximate dry (pick) weight: 2200 lbs [1000 kg].

- 1 As an alternative, 42 in [1067 mm] diameter, HS-20/25 rated precast concrete rings may be substituted. 14 in [356 mm] thickness must be maintained.
- 2 AS-5 BYP inlet/outlet pipe size ranges from 12 in [305 mm] to 30 in [762 mm].
- 3 AS-5 chamber height may vary from 92 in [2337 mm] to 110 in [2794 mm], depending on inlet/outlet pipe size.
- 4 Orientation may vary from a minimum of 90° to a maximum of 180°.



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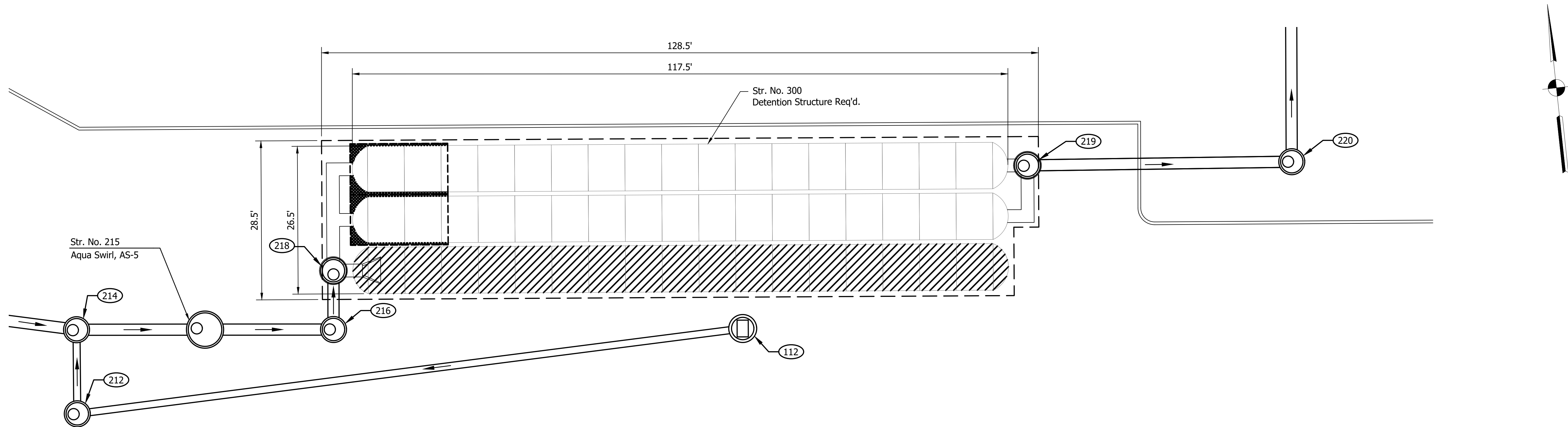
DRAINAGE
DETAILS

HORIZONTAL SCALE
1"=5'
VERTICAL SCALE
N/A

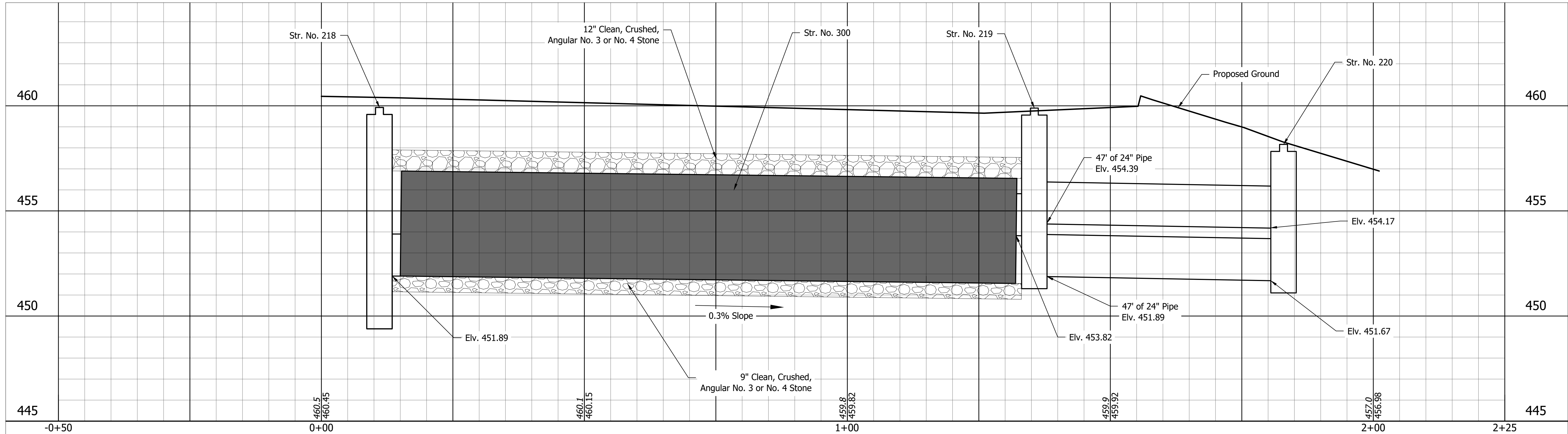
BRIDGE FILE
-
DESIGNATION
-

SHEETS
11 of 17
CONTRACT
-

File Name: P:\RD\C3D\25-419 New Albany DPW Site Development\Road\Drawings\Plans\Detention X-sec.dwg Plot Date: 6/9/2026 Plotted By: Jake Ferrill



UNDERGROUND DETENTION DETAIL



STR. NO. 300 PROFILE



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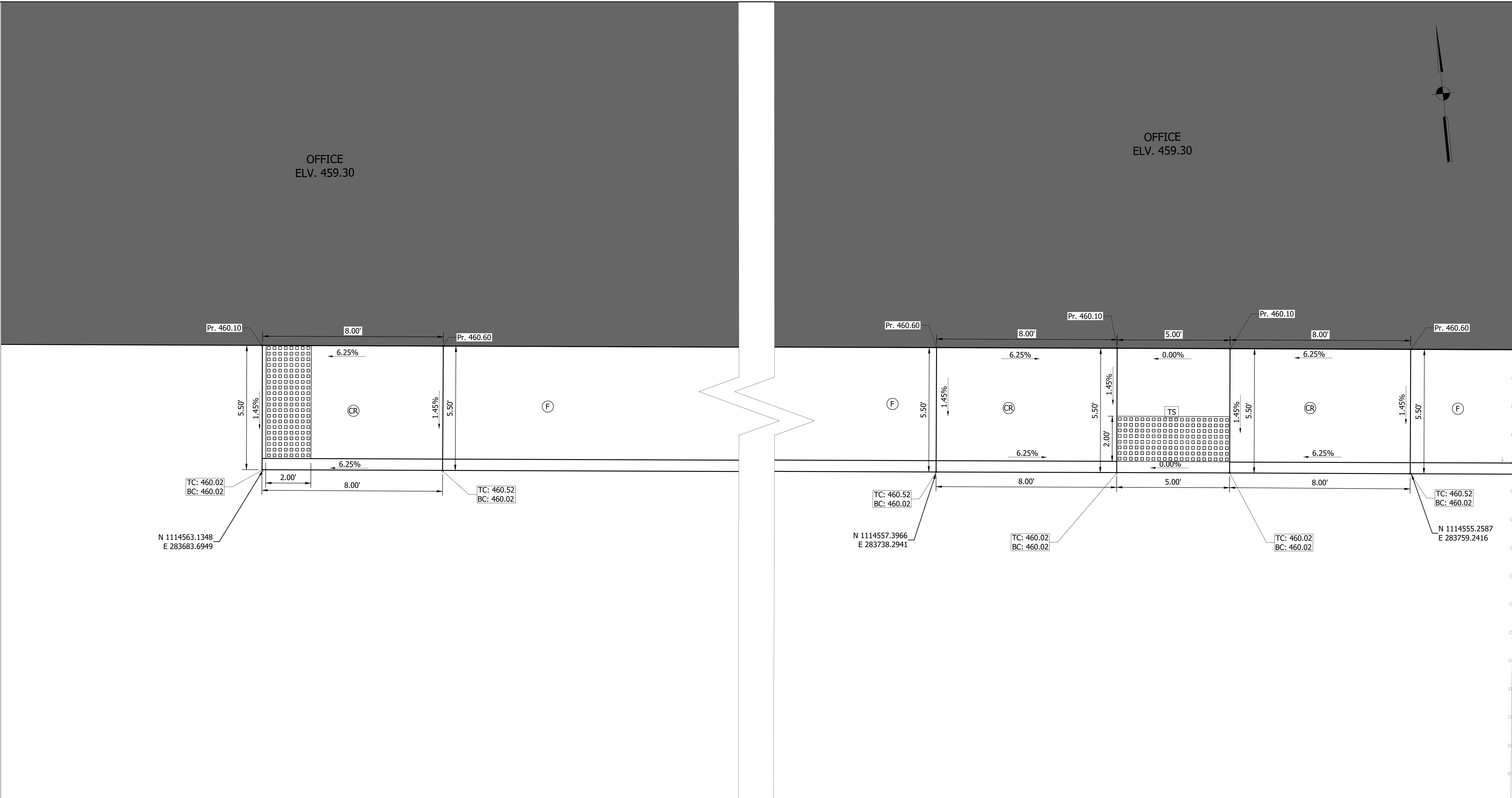
RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	
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DETENTION
DETAILS

HORIZONTAL SCALE 1"=10'	BRIDGE FILE -
VERTICAL SCALE 1:5	DESIGNATION -
SHEETS 12 of 17	
CONTRACT -	

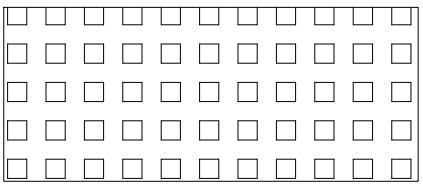
File Name: P:\RD\C3D\25-419 New Albany DPW Site Development\Road\Drawg\Plans\Curb Ramp Details.dwg Plot Date: 6/9/2026 Plotted By: Jake Ferrill



LEGEND

- Pr. XXX.XX Proposed Elevation
- Ex. XXX.XX Existing Elevation
- TC: XXX.XX Proposed Top Of Curb Elevation
- BC: XXX.XX Proposed Bottom Of Curb Elevation

- CR Curb Ramp Concrete
- F Concrete for Sidewalk, 5"



Detectable Warning Surface (Truncated Domes)



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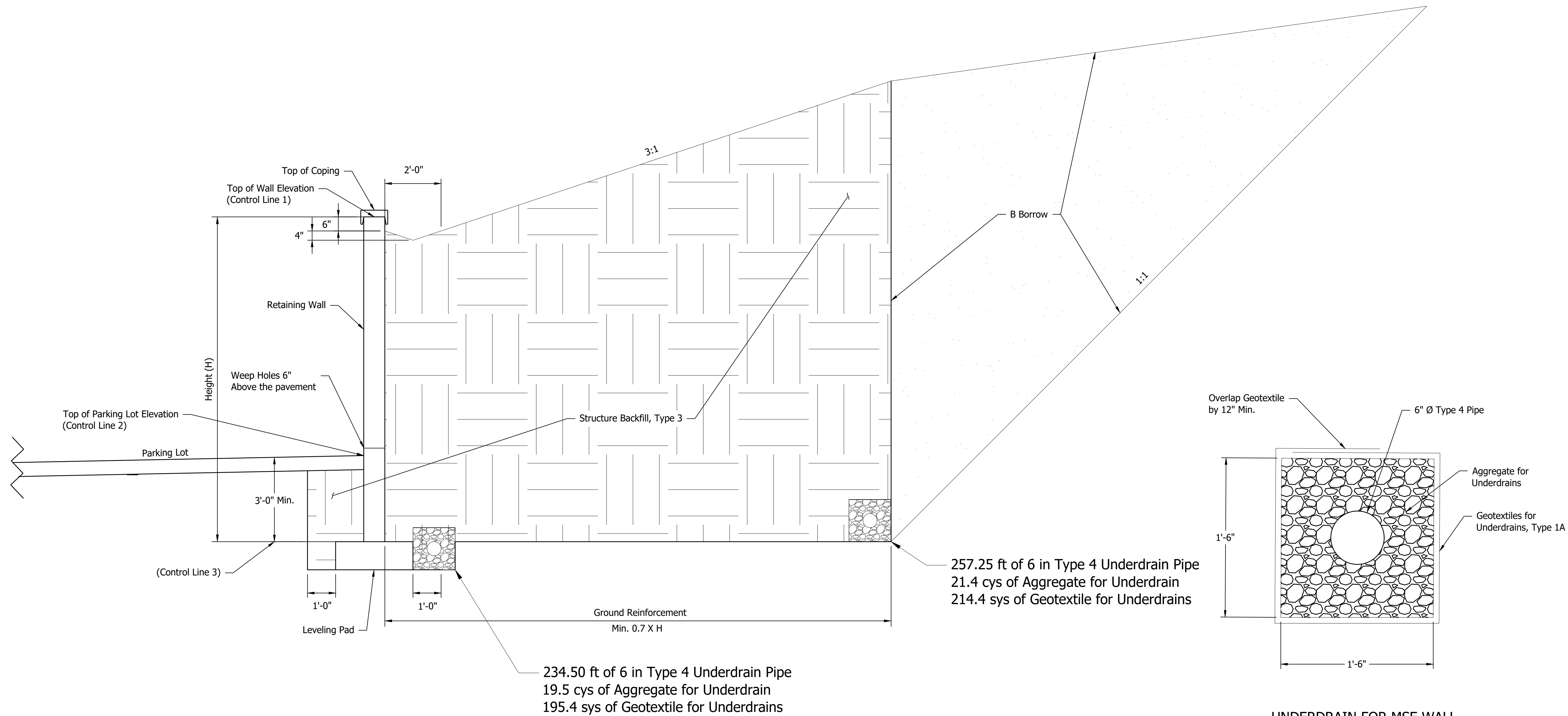
RECOMMENDED FOR APPROVAL _____	
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CURB RAMP
DETAILS

HORIZONTAL SCALE		BRIDGE FILE	
1"=2'		-	
VERTICAL SCALE		DESIGNATION	
N/A		-	
		SHEETS	
		14	of 17
		CONTRACT	
		-	

File Name: P:\RD\C3D\25-419 New Albany DPW Site Development\Road\Drawg\Plans\Retaining Wall Typical.dwg Plot Date: 6/9/2026 Plotted By: Jake Ferrill



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CITY OF NEW ALBANY	
RETAINING WALL DETAILS	

HORIZONTAL SCALE 1"=2'	BRIDGE FILE -
VERTICAL SCALE N/A	DESIGNATION -
SHEETS	
16	of 17
CONTRACT -	

File Name: P:\RD\C3D\25-419 New Albany DPW Site Development\Road\Drawg\Plans\Structure Data Table.dwg Plot Date: 6/9/2026 Plotted By: Jake Ferrill

STRUCTURE NUMBER	LOCATION		SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE	LENGTH	COVER	RIM	FLOWLINE		SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL TYPE 1	STRUCTURE BACKFILL TYPE 5	REVETMENT RIPRAP	CLASS 2 RIPRAP	GEOTEXTILES	VIDEO INSPECTION FOR PIPES	PIPE END SECTION, CONCRETE	GRATED BOX END SECTION			SAFETY METAL END SECTION		CONNECT TO STR. NO.	REMARKS
	NORTHING	EASTING							UP STREAM	DOWN STREAM												TYPE	SLOPE	EACH	q	EACH		
			IN			LFT	F T	ELEV.			ELEV.																	
102	1114350.089	283630.443	12	2	Catch Basin C8	131		459.10	457.10	456.25	75	NA	7	1													201	
103	1114427.445	283386.4042	12	2	Catch Basin C8	86		459.67	456.63	455.30	75	NA	7	1													104	
104	1114457.993	283456.2592	18	2	Catch Basin C2	70		458.00	455.67	455.22	75	NA	7	1													203	
105	1114466.316	283694.3422	12	2	Catch Basin C2	54		459.35	456.50	456.28	75	NA	7	1													109	
106	1114511.612	283394.623	15	2	Catch Basin C8	15		459.53	455.44	455.31	75	NA	7	1													203	
107	1114533.991	283567.5869	12	2	Catch Basin C2	25		459.30	455.70	455.48	75	NA	7	1													207	
108	1114523.789	283662.632	15	2	Catch Basin C2	99		458.47	455.88	455.20	75	NA	7	1													207	
109	1114516.232	283734.3351	12	2	Catch Basin C2	35		458.00	456.41	456.23	75	NA	7	1													205	
110	1114674.705	283444.9822	24	2	Catch Basin C2	41		458.80	453.73	453.47	75	NA	7	1													111	
111	1114714.995	283449.9913	24	2	Catch Basin C2	124		458.50	453.47	462.60	75	NA	7	1													214	
112	1114673.328	283689.0512	15	2	Catch Basin C2	120		459.08	454.59	453.81	75	NA	7	1													212	
201	1114388.305	283505.6156	12	2	Manhole C4	85		460.09	456.25	455.77	75	NA	7	1													104	
202	1114469.013	283521.7135	12	2	Manhole C4	66		459.94	455.99	455.72	75	NA	7	1													104	
203	1114510.069	283409.0434	18	2	Manhole C4	63		459.96	455.12	454.62	75	NA	7	1													206	
204	1114509.63	283612.3644	12	2	Manhole C4	51		459.94	455.50	455.13	75	NA	7	1													107	
205	1114520.194	283699.0878	15	2	Manhole C4	37		458.24	456.18	455.89	75	NA	7	1													108	
206	1114571.801	283415.613	18	2	Manhole C4	21		459.93	454.62	454.48	75	NA	7	1													208	
207	1114558.713	283570.155	18	2	Manhole C4	138		459.84	455.10	454.33	75	NA	7	1													208	
208	1114582.191	283434.2459	24	2	Manhole C4	13		459.75	454.23	454.13	75	NA	7	1													209	
209	1114595.233	283435.7925	24	2	Manhole C4	80		459.58	454.10	453.73	75	NA	7	1													210	
210	1114592.168	283464.3841	12	2	Manhole C4	29		460.02	455.60	455.42	75	NA	7	1													209	
211	1114671.708	283472.9112	12	2	Manhole C4	28		459.90	454.50	454.35	75	NA	7	1													110	
212	1114670.971	283568.7945	15	2	Manhole C4	15		460.00	453.81	453.60	75	NA	7	1													214	
214	1114685.97	283570.279	24	2	Manhole C4	23		459.67	452.60	452.37	75	NA	7	1													215	
215	1114683.514	283593.1818	24	2	Aqua Swirl AS-5	23		459.56	452.32	452.09	75	NA	7	1													216	
216	1114681.059	283616.0846	24	2	Manhole C4	11		459.45	451.99	451.89	75	NA	7	1													218	
218	1114691.547	283617.209			Manhole C4			459.92			75	NA	7	1													300	
219	1114696.956	283742.9224	24	2	Manhole C4	47		459.89	454.39	454.17	75	NA	7	1												220	See Detention Details	
	1114696.956	283742.9224	24	2		47			451.89	451.67	76	NA	7	1														
220	1114692.516	283790.0976	24	2	Manhole C4	84		458.17	451.60	451.00	75	NA	7	1												221		
221	1114776.309	283798.8582	24	2	Manhole C4	30		454.85	451.00	449.50	75	NA	7	1												Out		
300	1114698.402	283680.4816			Underground Detention System																					219	See Detention details	
301	1114563.754	283570.155	12	2	Slotted Drain	8			455.55	455.50	75	NA	7	1												207	See Drainage details	



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DESIGN ENGINEER _____ DATE _____	
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CHECKED: CCR	
CHECKED: CCR	

CITY OF
NEW ALBANY

STRUCTURE DATA
TABLE

HORIZONTAL SCALE		BRIDGE FILE	
N/A		-	
VERTICAL SCALE		DESIGNATION	
N/A		-	
SHEETS			
17	of	17	
CONTRACT			
-			