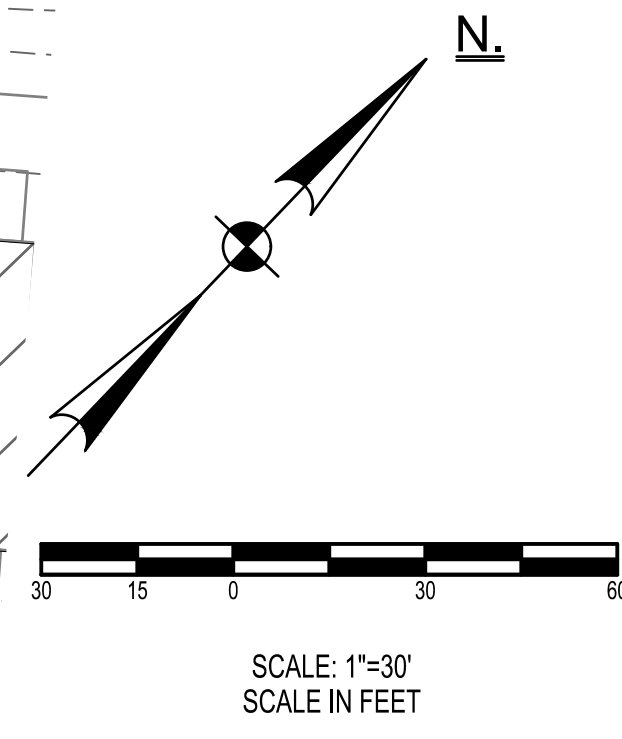
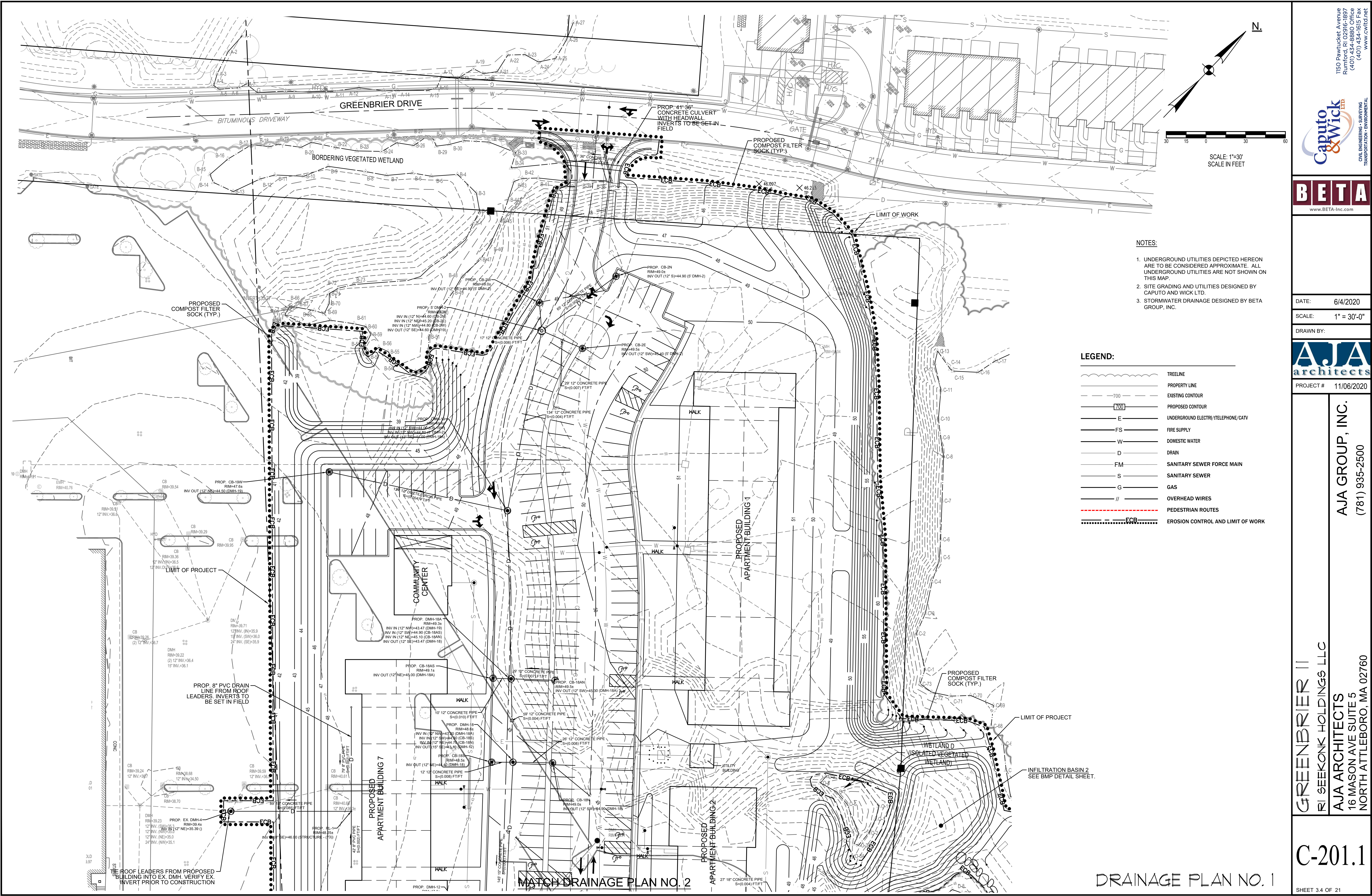




- NOTES:
1. UNDERGROUND UTILITIES DEPICTED HEREON ARE TO BE CONSIDERED APPROXIMATE. ALL UNDERGROUND UTILITIES ARE NOT SHOWN ON THIS MAP.
 2. SITE GRADING AND UTILITIES DESIGNED BY CAPUTO AND WICK LTD.
 3. STORMWATER DRAINAGE DESIGNED BY BETA GROUP, INC.

LEGEND:

	TREELINE
	PROPERTY LINE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	UNDERGROUND ELECTRIC/TELEPHONE/CATV
	FIRE SUPPLY
	DOMESTIC WATER
	DRAIN
	SANITARY SEWER FORCE MAIN
	SANITARY SEWER
	GAS
	OVERHEAD WIRES
	PEDESTRIAN ROUTES
	EROSION CONTROL AND LIMIT OF WORK

1150 Pawtucket Avenue
Rumford, RI 02916-1897
(401) 434-8880 Office
(401) 434-1615 Fax
www.cwld.net

Caputo & Wick
CIVIL ENGINEERING • SURVEYING
TRANSPORTATION • ENVIRONMENTAL

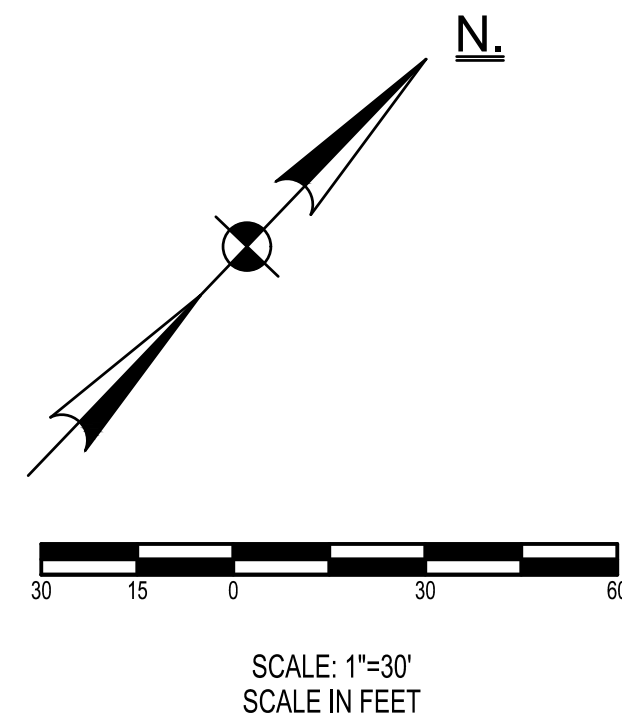
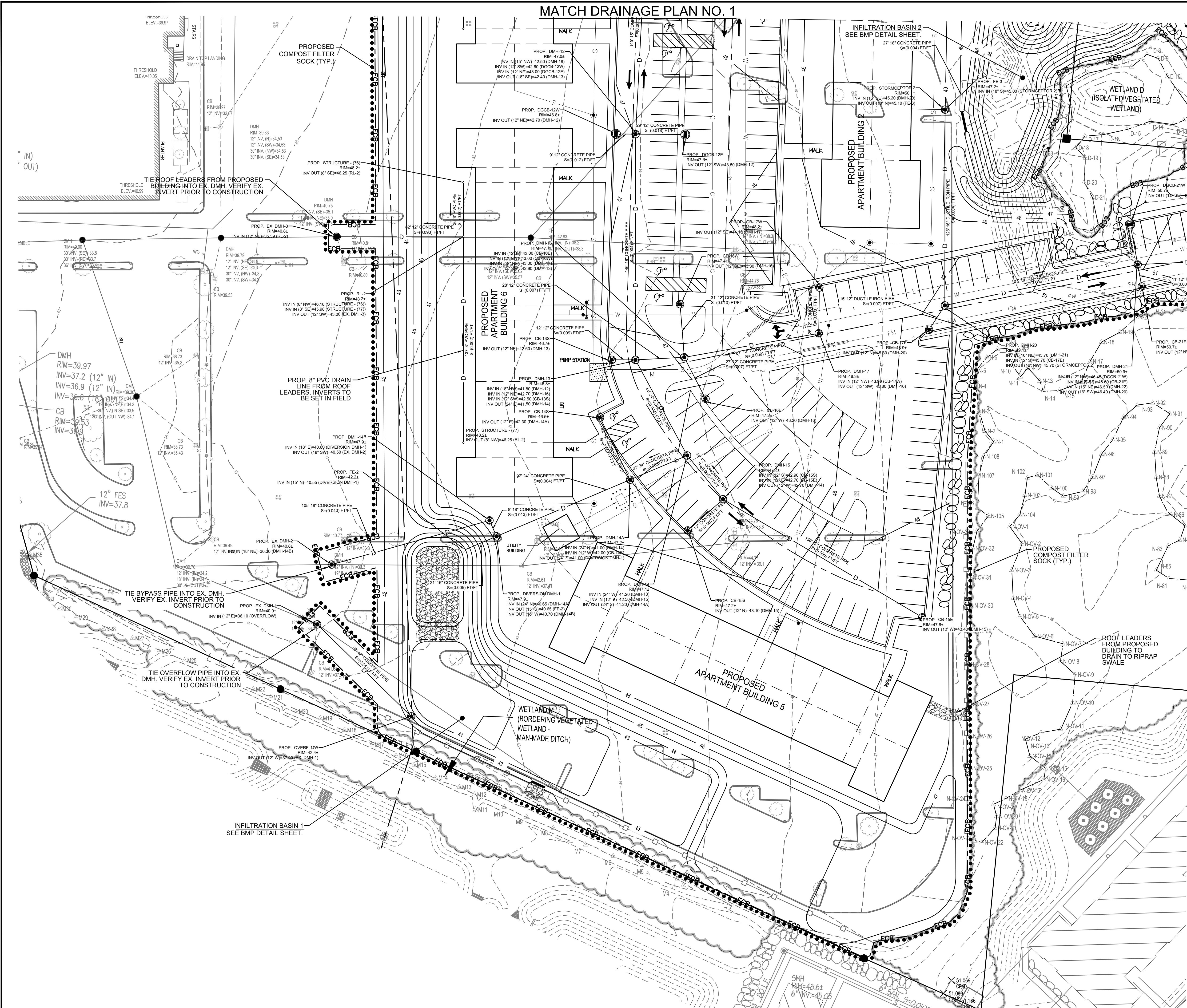
BETA
www.BETA-Inc.com

DATE: 6/4/2020
SCALE: 1" = 30'-0"
DRAWN BY:

AJA architects
PROJECT # 11/06/2020

GREENBRIER II
RI SEEKONK HOLDINGS LLC
AJA ARCHITECTS
16 MASON AVE SUITE 5
NORTH ATTLEBORO, MA 02760

C-201.1
SHEET 3.4 OF 21



- NOTES:
- UNDERGROUND UTILITIES DEPICTED HEREON ARE TO BE CONSIDERED APPROXIMATE. ALL UNDERGROUND UTILITIES ARE NOT SHOWN ON THIS MAP.
 - SITE GRADING AND UTILITIES DESIGNED BY CAPUTO AND WICK LTD.
 - STORMWATER DRAINAGE DESIGNED BY BETA GROUP, INC.

MATCH DRAINAGE PLAN NO. 3

Caputo & Wick LTD

CIVIL ENGINEERING • SURVEYING
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150 Pawtucket Avenue
Rumford, RI 02916-1897
(401) 434-8880 Office
(401) 434-1615 Fax
www.cwld.net

BETA

www.BETA-inc.com

DATE: 6/4/2020

SCALE: 1" = 30'-0"

DRAWN BY:

AJA architects

PROJECT # 11/06/2020

GREENBRIER II
RI SEEKONK HOLDINGS LLC

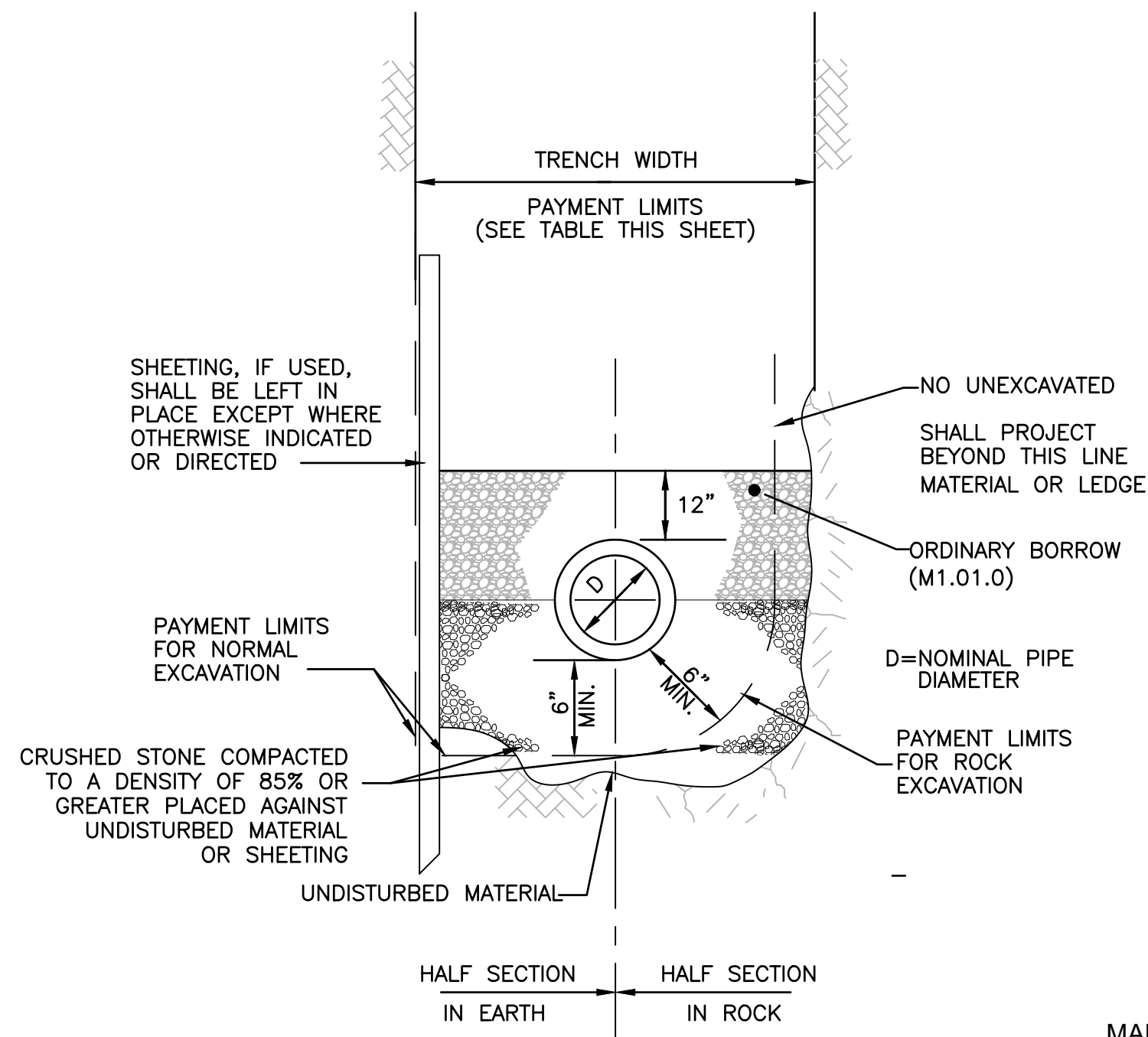
AJA ARCHITECTS
16 MASON AVE SUITE 5
NORTH ATTLEBORO, MA 02760

AJA GROUP, INC.
(781) 935-2500

C-201.2

SHEET 3.5 OF 21

\\CW\SRV02\projects\Massachusetts\Seekonk\FallRiverAve\2018070.00 MA Seekonk FRA Greenbrier-Showcase\11-40B\2018070 MA Seekonk FRA Greenbrier II -Prelim Site Plan Set.dwg



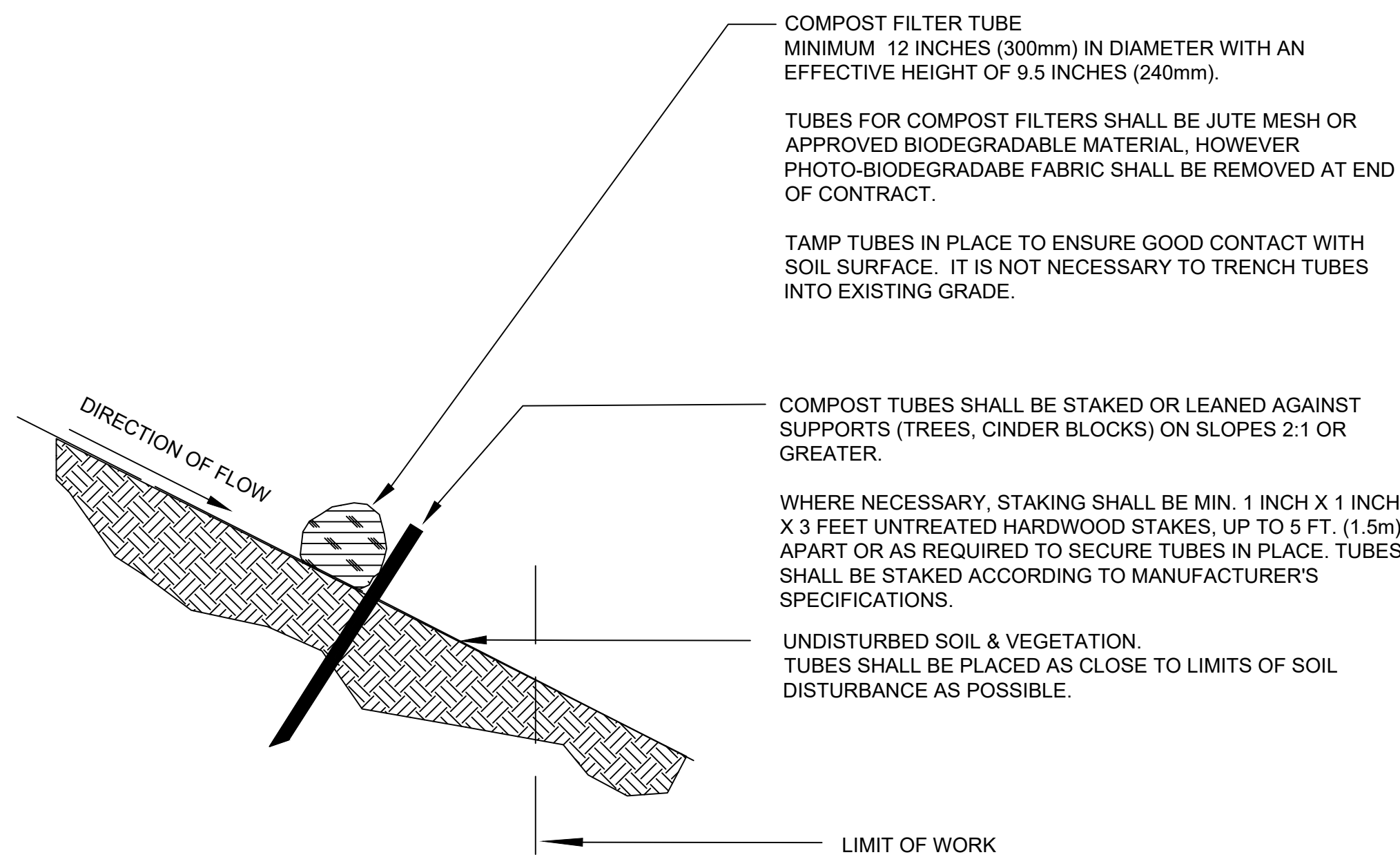
DRAIN TRENCH SECTION

MAXIMUM PAYMENT LIMITS			
DIAMETER OF PIPE D IN INCHES	TRENCH WIDTH IN FEET	TEMPORARY PAVEMENT IN FEET	
		TRENCH DEPTH	
		< OR = 10'	> 10'
12 AND SMALLER	6.00	7.00	8.00
15	6.25	7.25	8.25
18	6.50	7.50	8.50
21	6.75	7.75	8.75
24	7.00	8.00	9.00
27	7.25	8.25	9.25
30	7.50	8.50	9.50
36	8.00	9.00	10.00
42	8.50	9.50	10.50
48	9.00	10.00	11.00
54	9.50	10.50	11.50

CLASS B ROCK EXCAVATION

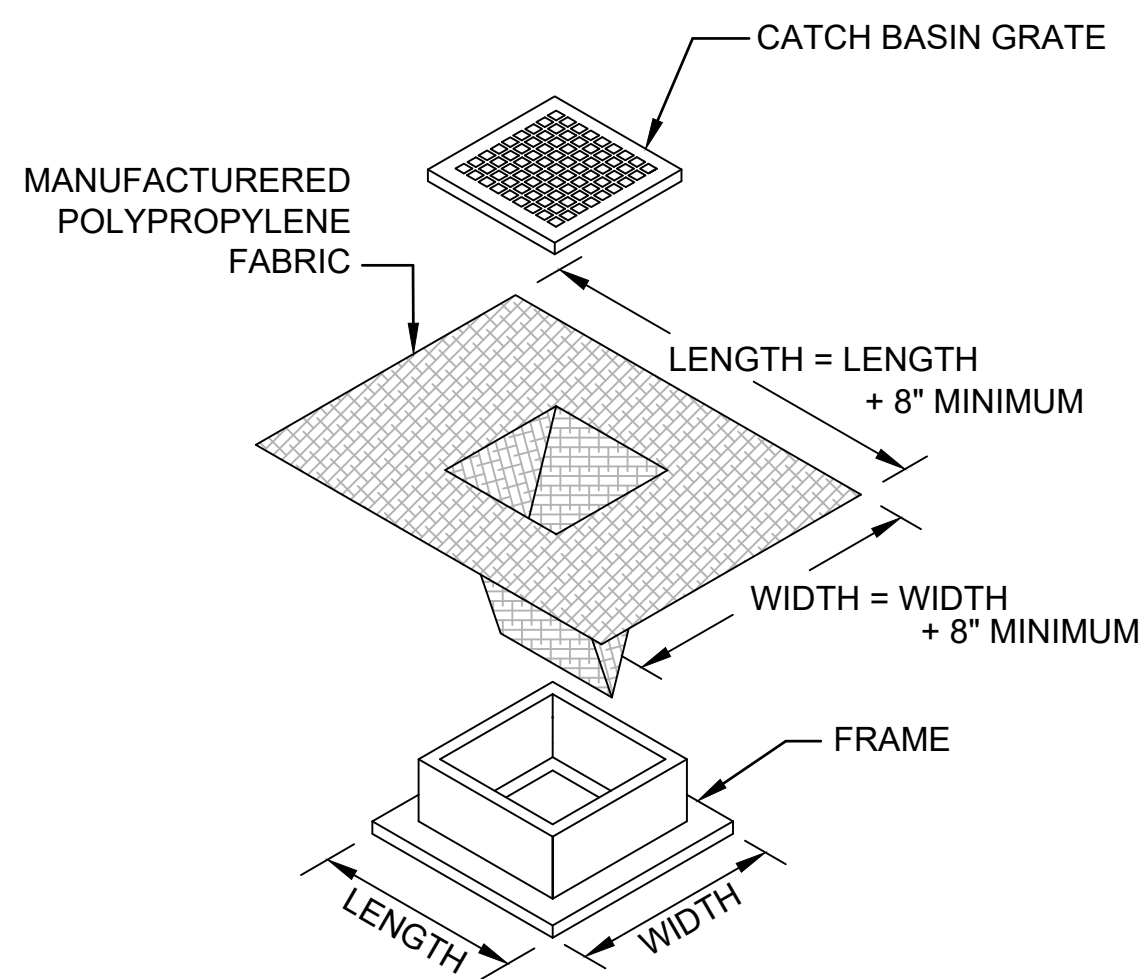
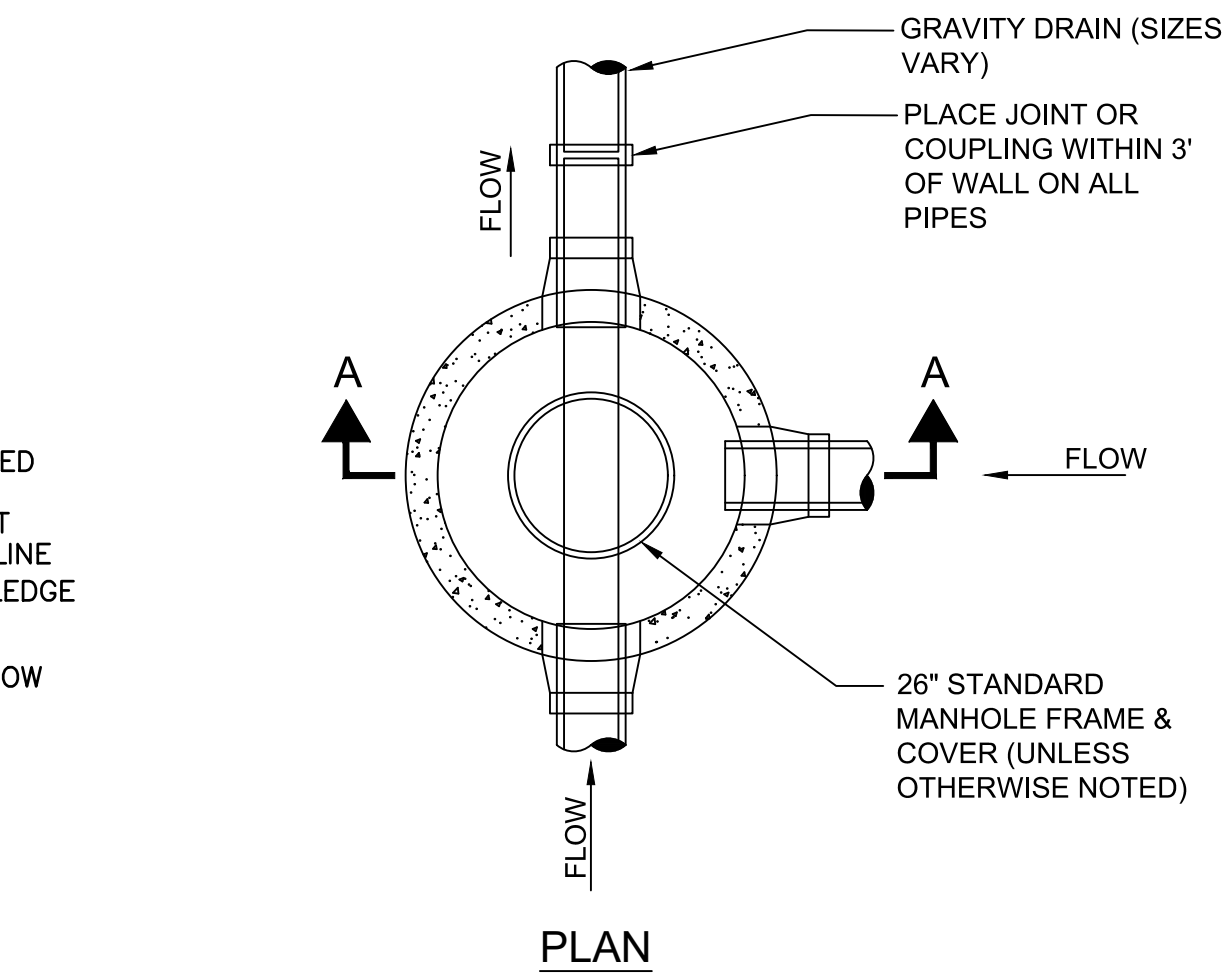
MAXIMUM PAYMENT LIMITS	
DIAMETER OF PIPE D IN INCHES	TRENCH WIDTH IN INCHES
12 AND SMALLER	28.00
15	31.00
18	34.00
24	40.00

*NOTE: MAXIMUM 6" ROCK EXCAVATION BELOW PIPE.



SEDIMENT CONTROL BARRIER

NOT TO SCALE

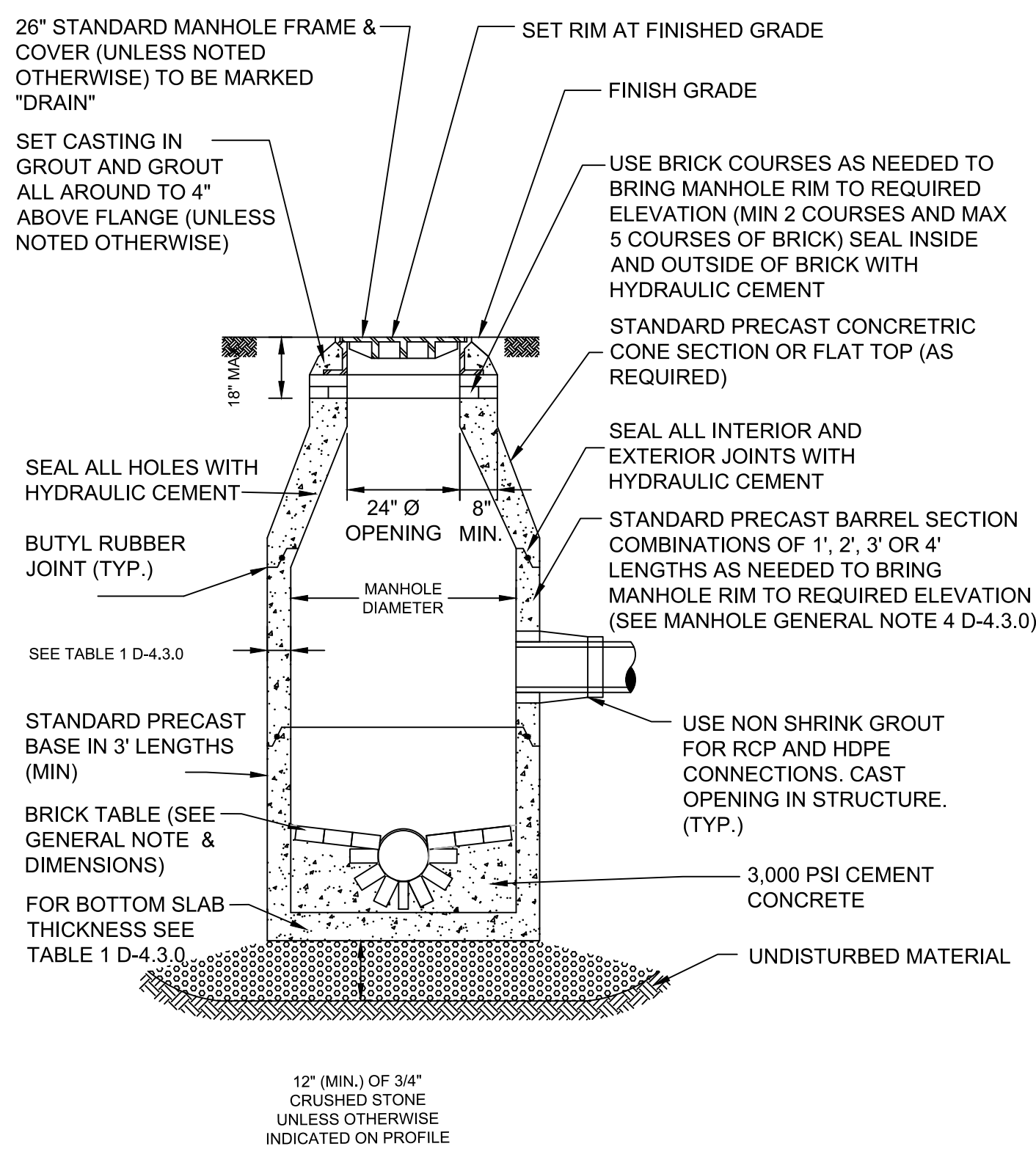


NOTES

1. LENGTH AND WIDTH OF POLYPROPYLENE FABRIC MUST EXCEED EXISTING CATCH BASIN FRAME DIMENSIONS BY A MINIMUM OF 8".
2. REMOVE CATCH BASIN GRATE AND INSTALL POLYPROPYLENE FABRIC OVER CATCH BASIN FRAME. REPLACE CATCH BASIN GRATE TO SECURE POLYPROPYLENE FABRIC IN PLACE.
3. CATCH BASIN EROSION CONTROL TO BE PLACED AT ALL CATCH BASIN WITHIN PROJECT LIMITS.

TYPICAL CATCH BASIN EROSION CONTROL PROTECTION

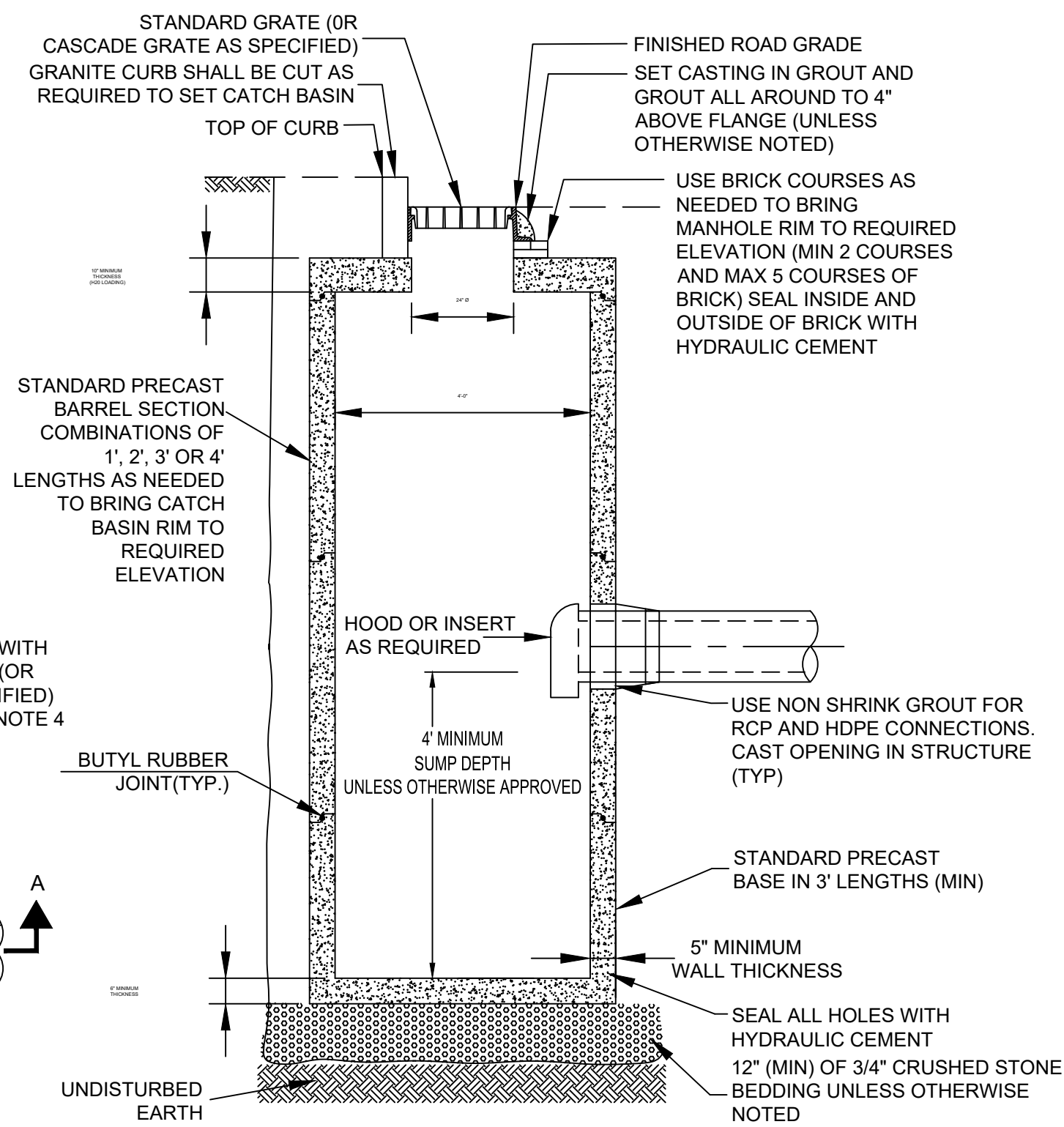
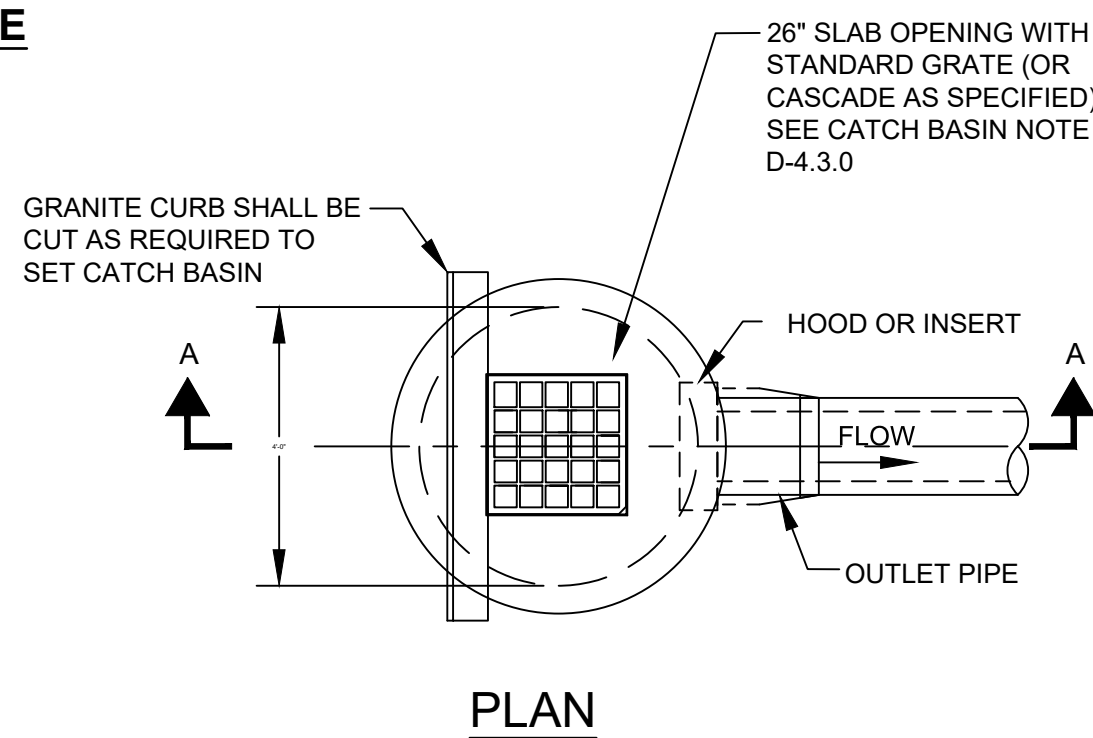
NOT TO SCALE



SECTION A-A

TYPICAL DRAIN MANHOLE

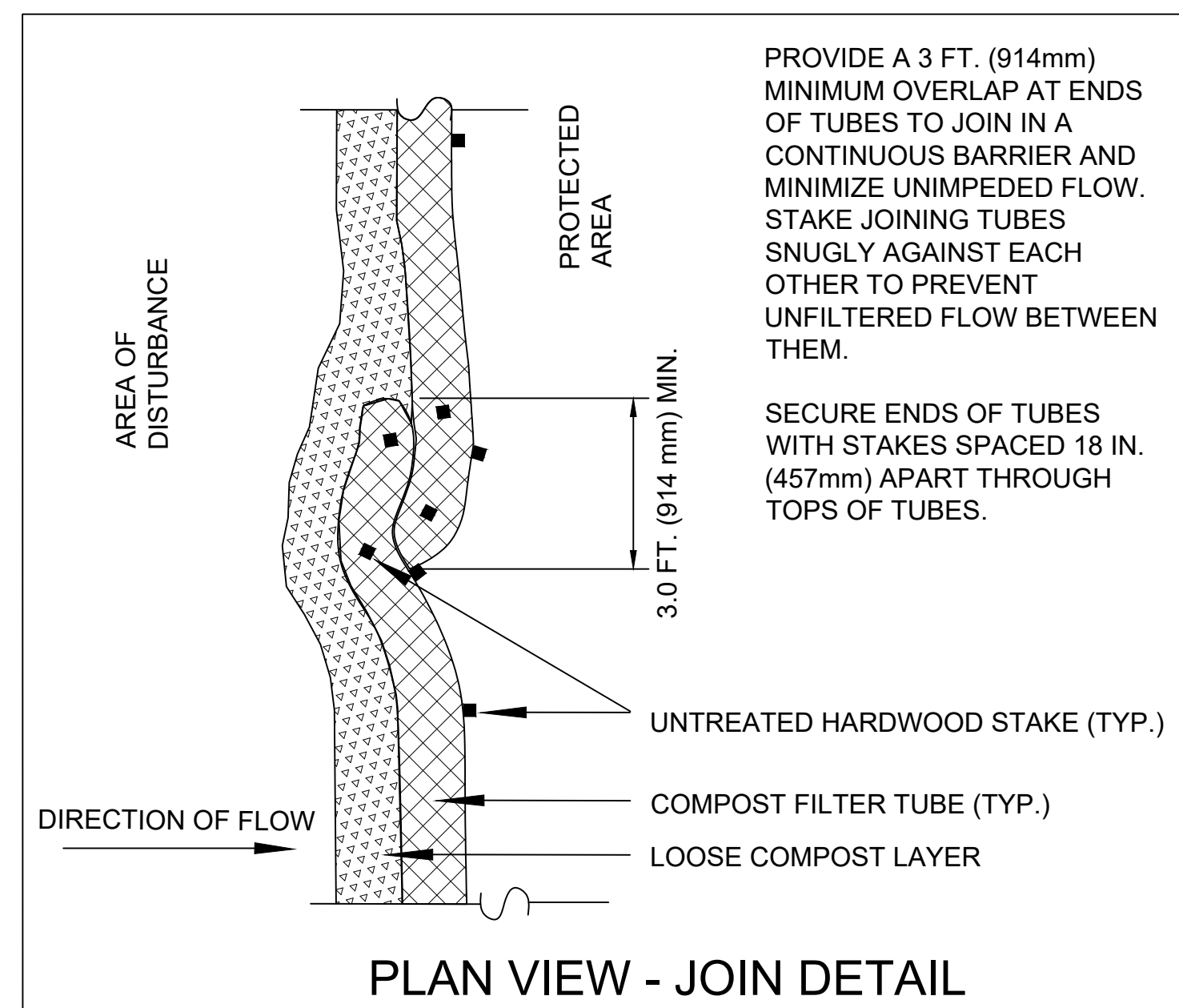
NOT TO SCALE



SECTION A-A

TYPICAL CATCH BASIN

NOT TO SCALE

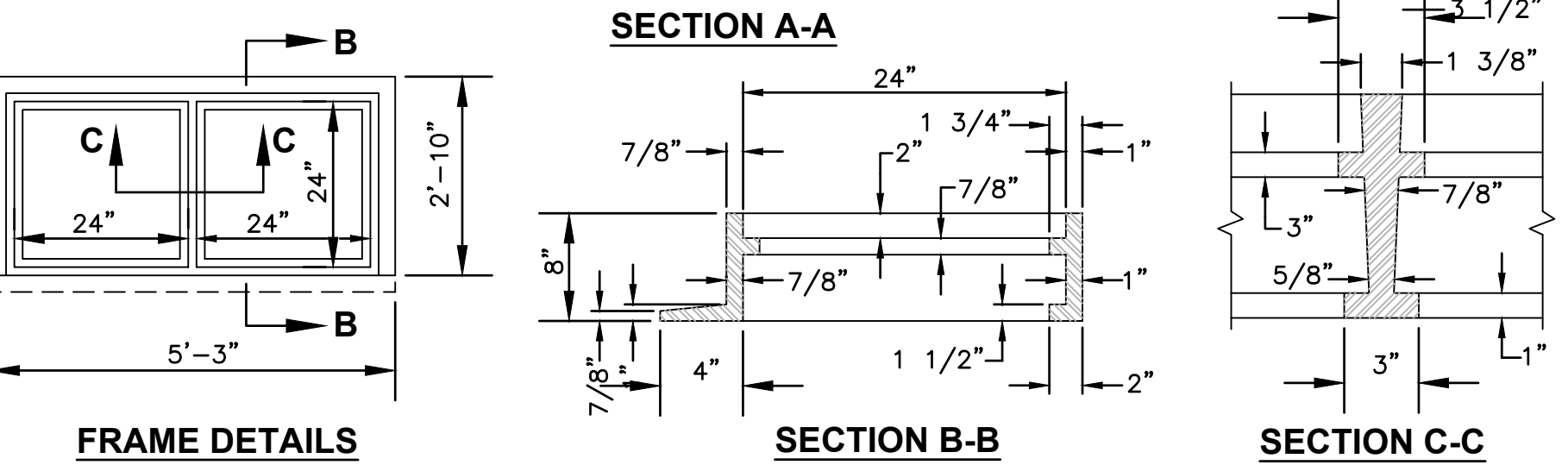
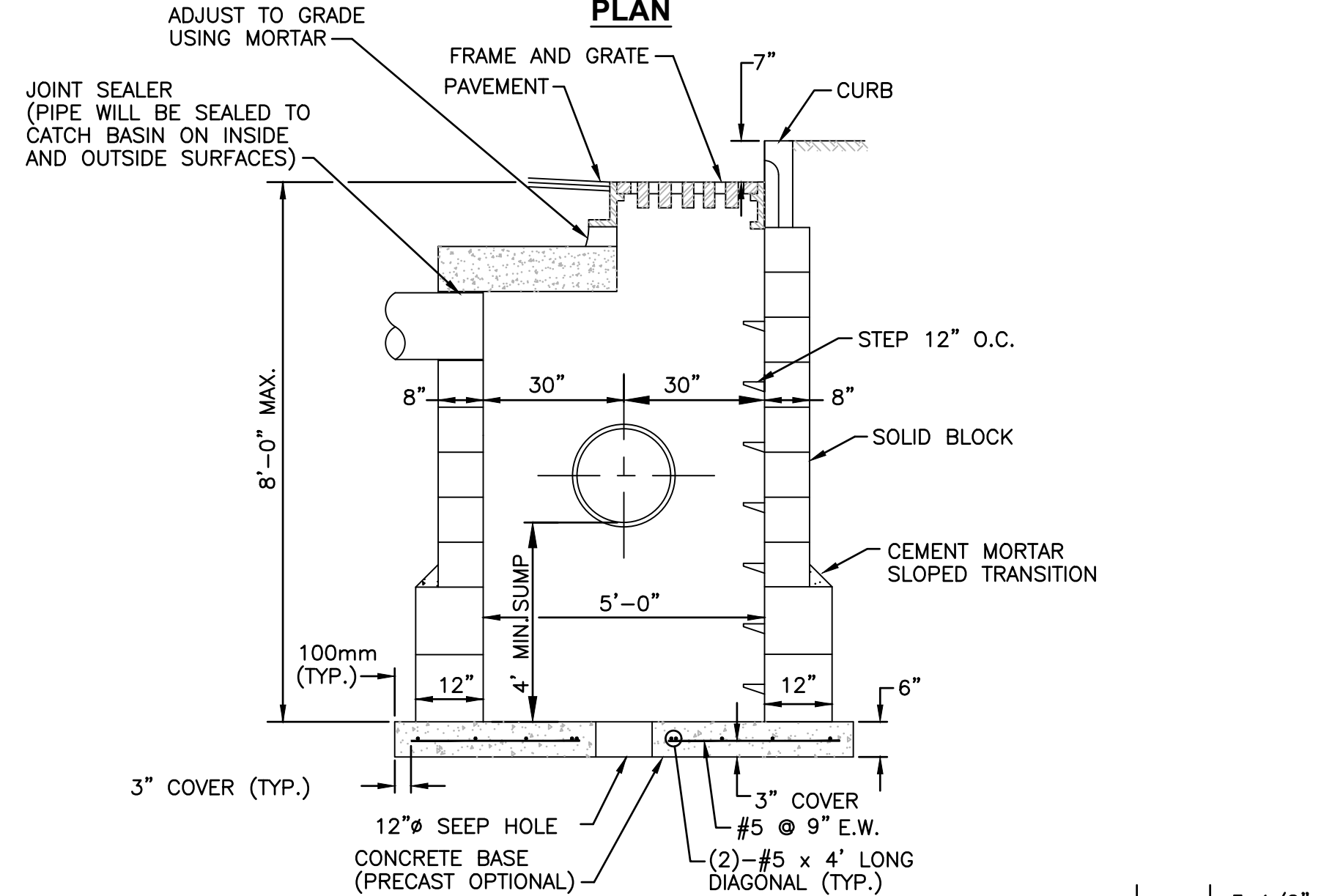
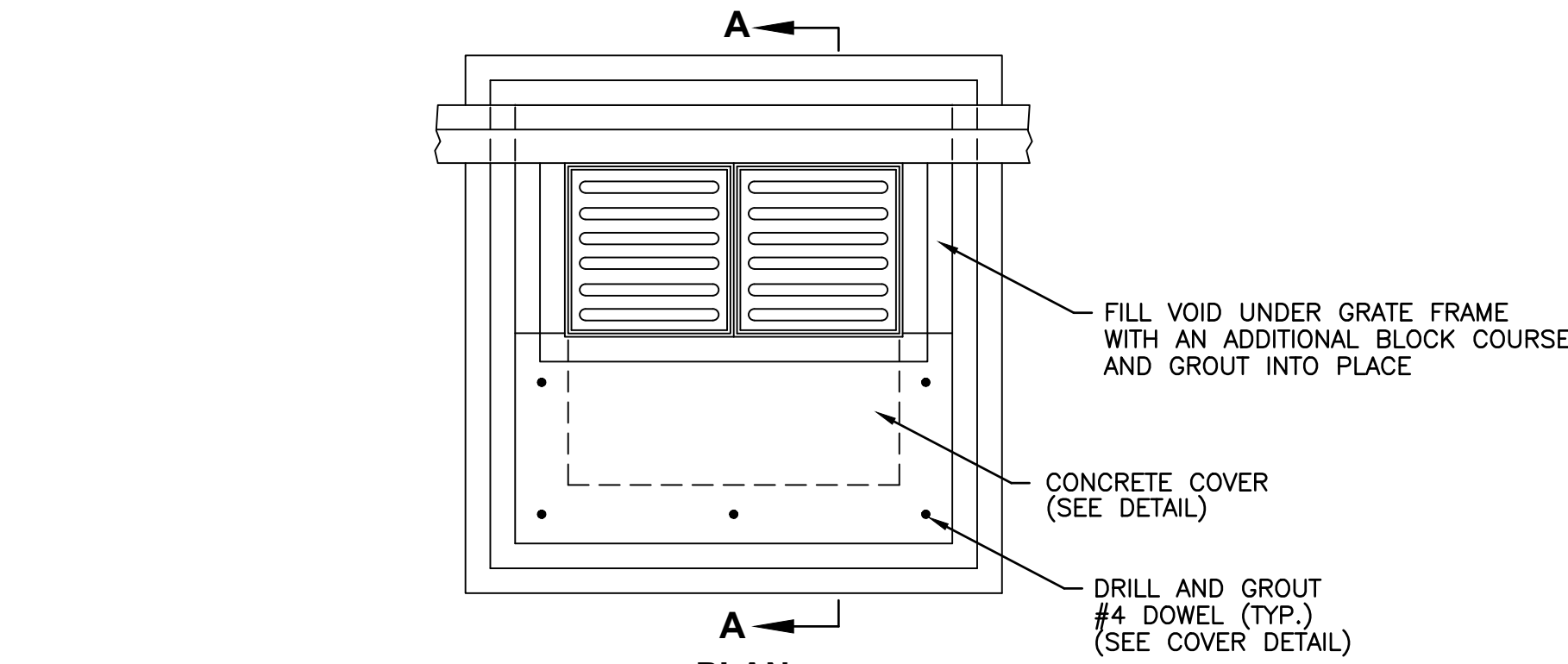


GENERAL NOTES:

1. PROVIDE A MINIMUM TUBE DIAMETER OF 12 INCHES (300mm) FOR SLOPES UP TO 50 FEET (15.24m) IN LENGTH WITH A SLOPE RATIO OF 3H:1V OR STEEPER. LONGER SLOPES OF 3H:1V MAY REQUIRE LARGER TUBE DIAMETER OR ADDITIONAL COURSING OF FILTER TUBES TO CREATE A FILTER BERM. REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SITUATIONS WITH LONGER OR STEEPER SLOPES.
2. INSTALL TUBES ALONG CONTOURS AND PERPENDICULAR TO SHEET OR CONCENTRATED FLOW.
3. TUBE LOCATION MAY BE SHIFTED TO ADJUST TO LANDSCAPE FEATURES, BUT SHALL PROTECT UNDISTURBED AREA AND VEGETATION TO MAXIMUM EXTENT POSSIBLE.
4. DO NOT INSTALL IN PERENNIAL, EPHEMERAL OR INTERMITTENT STREAMS.
5. ADDITIONAL TUBES SHALL BE USED AT THE DIRECTION OF THE ENGINEER.
6. ADDITIONAL STAKING SHALL BE USED AT THE DIRECTION OF THE ENGINEER.

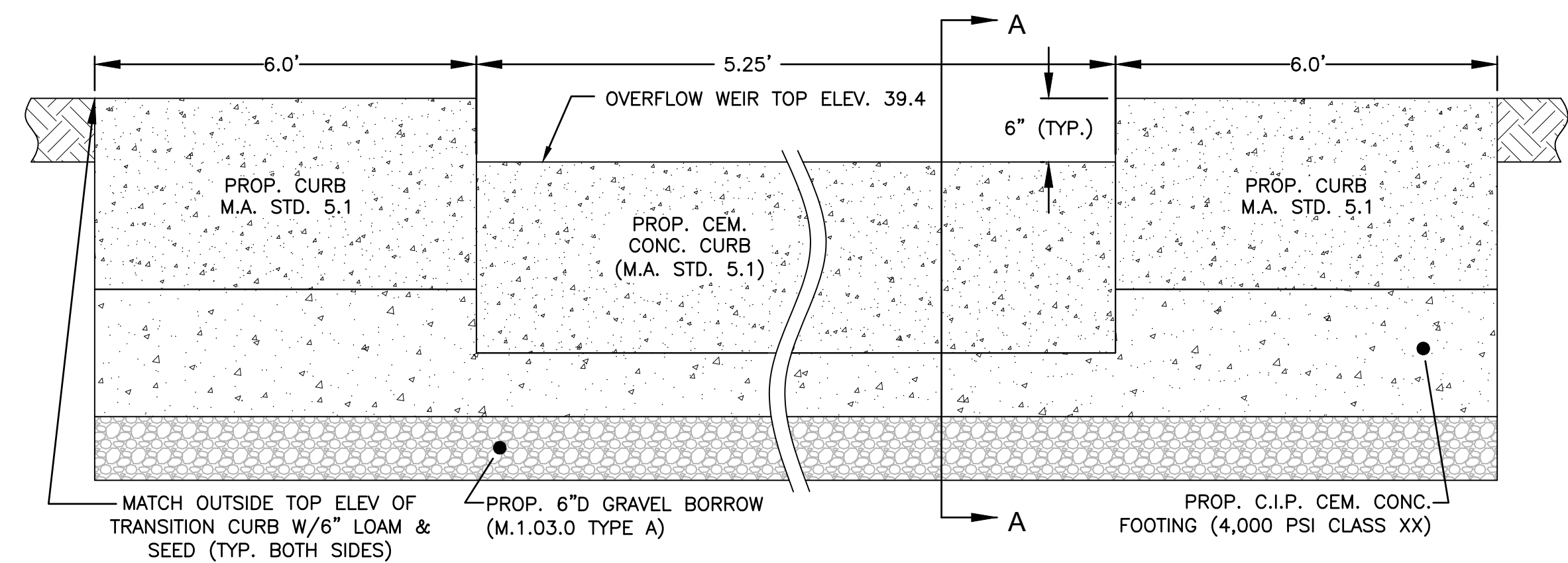
20150226_MassDOT_rev7

DRAINAGE DETAIL NO. 1

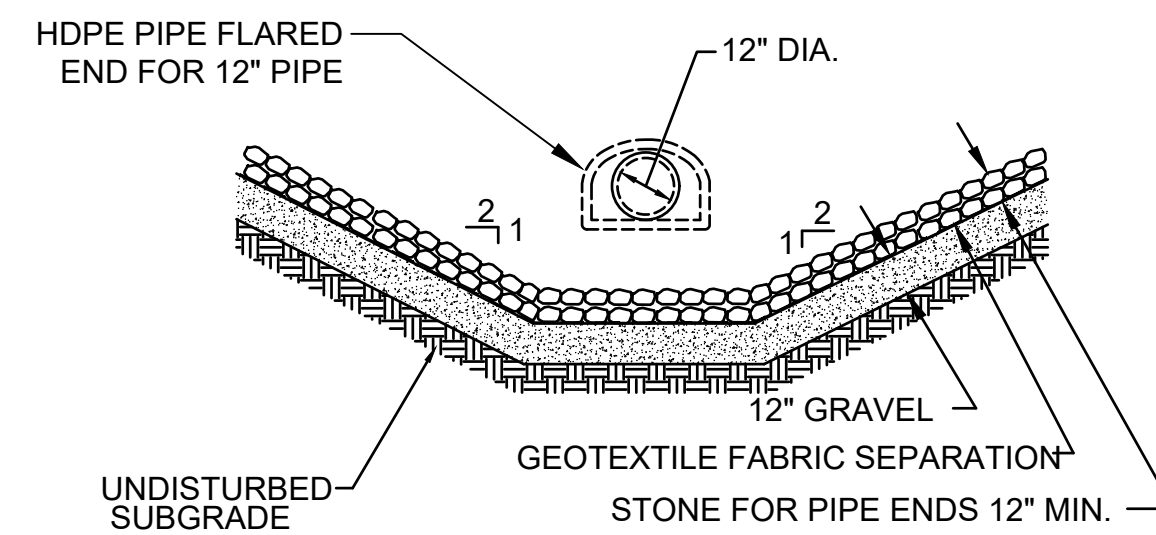
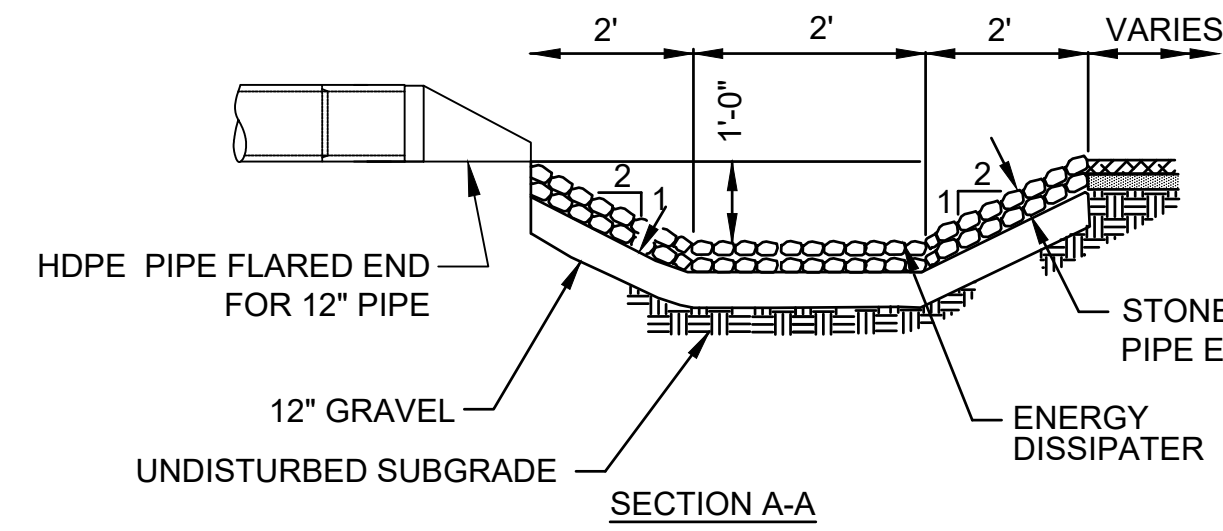
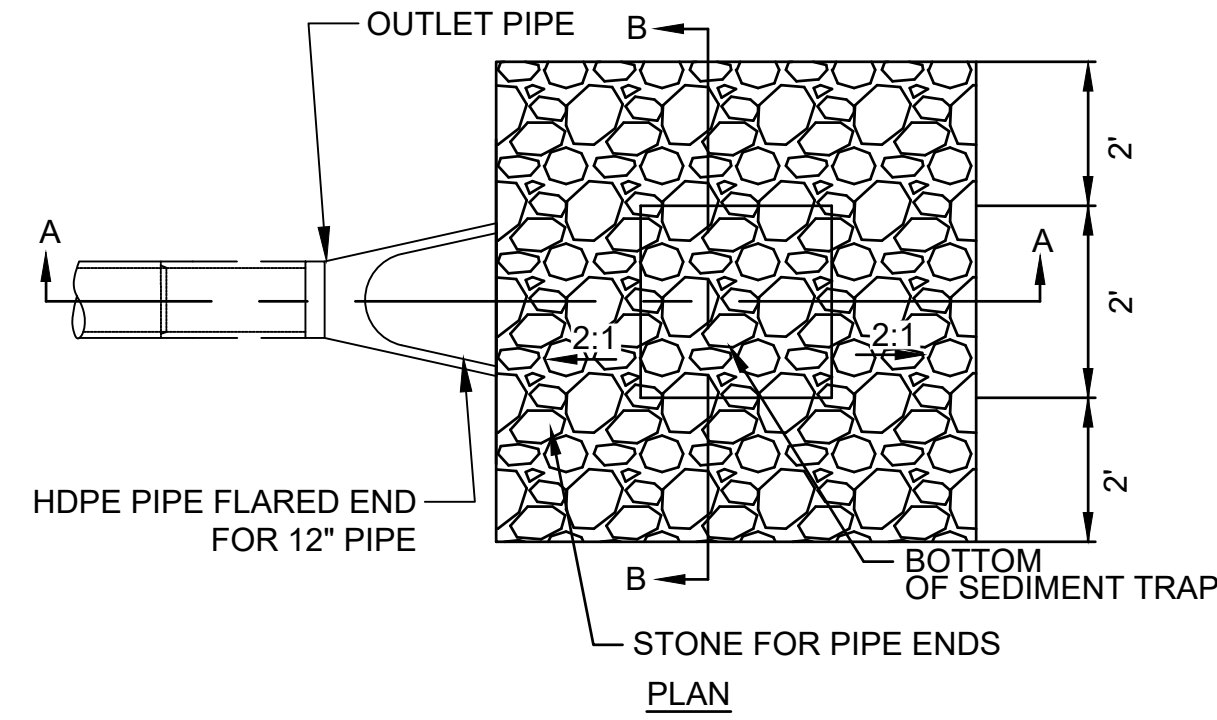


- NOTES:**
- 1 1/2" CEMENT MORTAR COAT REQUIRED ON ALL INSIDE AND OUTSIDE SURFACES.
 - 8" HIGH FRAME MAY BE SUBSTITUTED WITH A 4" HIGH FRAME AS NEEDED. SHOP DRAWINGS ARE REQUIRED.
 - ADJUST DOWEL LOCATION BASED ON PIPE CONFIGURATION, IF REQUIRED.
 - PIPE COVER FOR THIS DETAIL SHALL BE 1'-6" TO 3'-0".
 - USE 8" WALLS UP TO 6'-0" DEPTH, USE 1'-0" WALLS UP TO 8'-0" DEPTH.
 - TWO SINGLE FRAMES WITH THREE FLANGES AND TWIN GRATES MAY BE SUBSTITUTED FOR THE DOUBLE FRAME WITH TWIN GRATES.

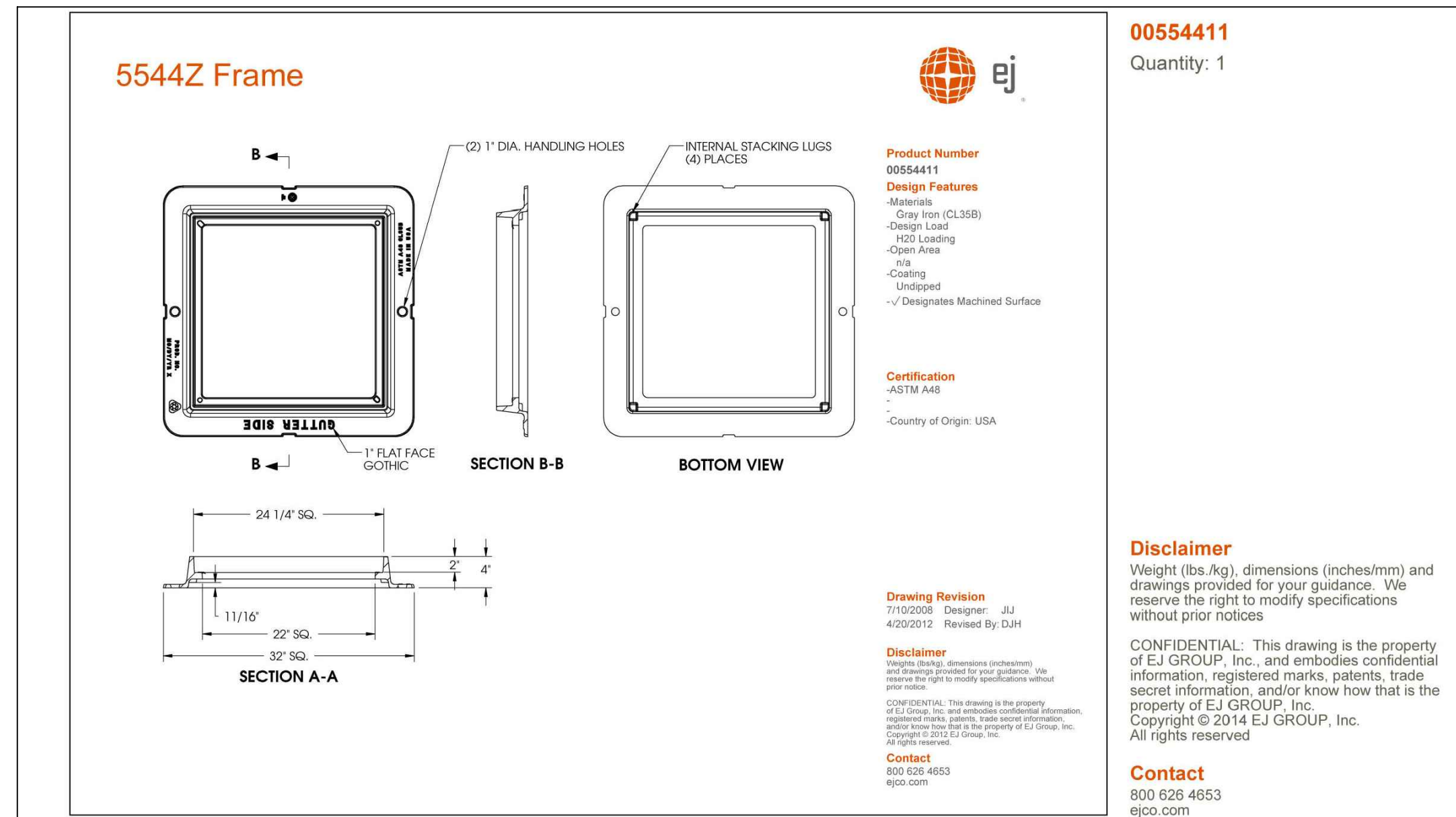
DOUBLE GRATE CATCH BASIN
NOT TO SCALE



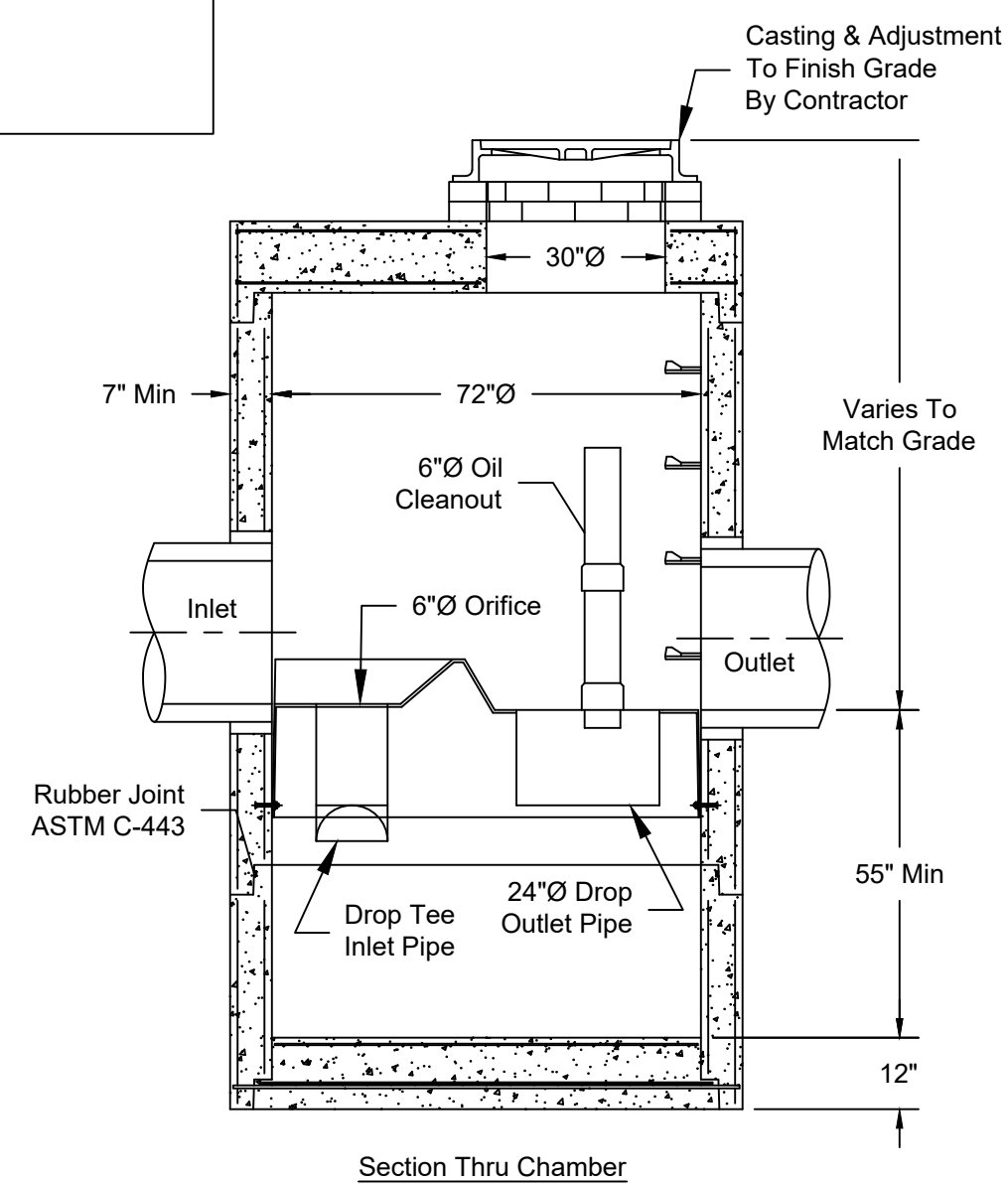
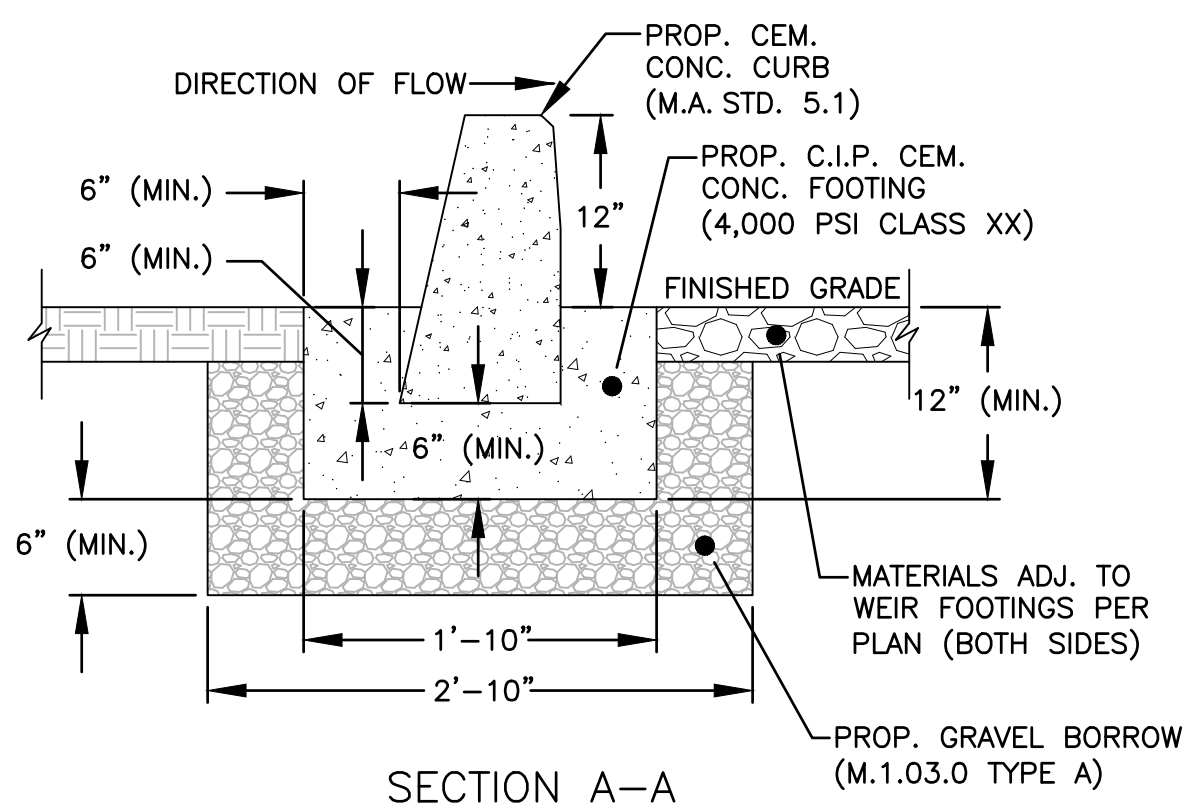
CONCRETE CURB OVERFLOW WEIR DETAIL
NOT TO SCALE



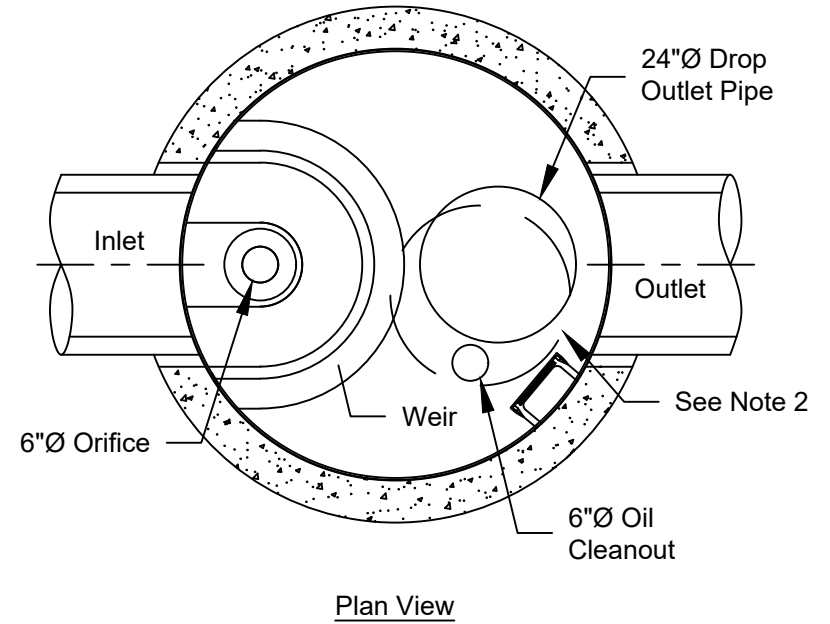
OUTLET SEDIMENT TRAP
NOT TO SCALE



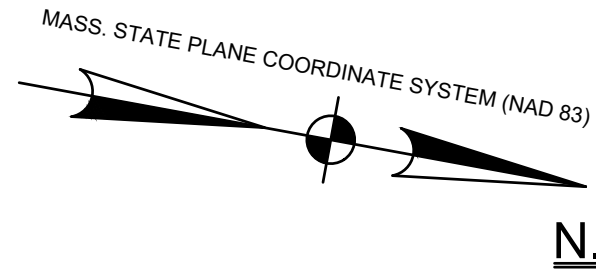
TYPICAL 4-INCH FRAME DETAIL
NOT TO SCALE



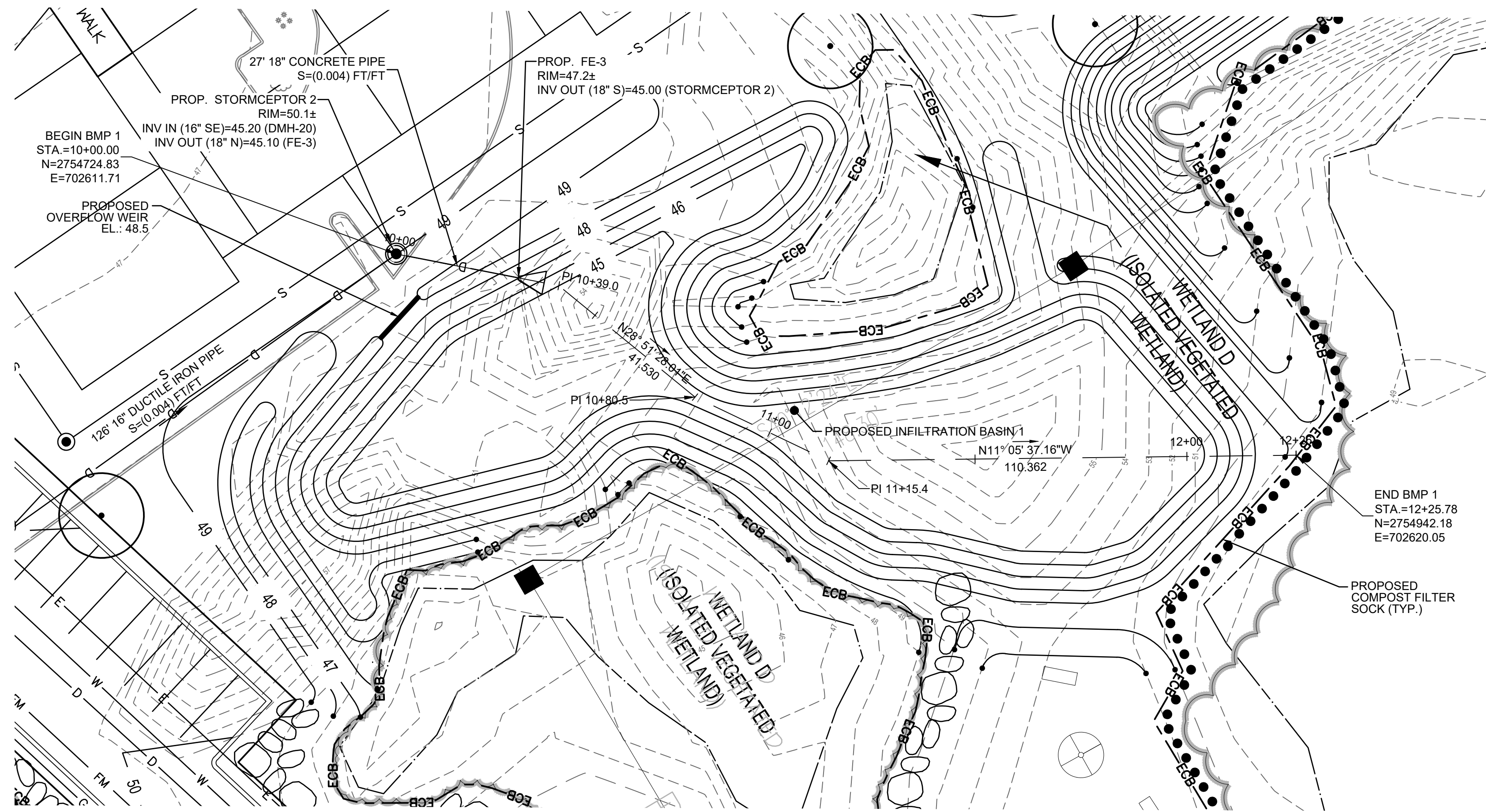
TYPICAL PRECAST STORMCEPTOR STC 900
NOT TO SCALE



- Notes:**
1. Inlet & Outlet Connections To Be Grouted After Installation.
 2. The Cover Should Be Positioned Over The Inlet Drop Pipe And The Vent Pipe.
 3. The Stormceptor System Is Protected By One Or More Of The Following U.S. Patents: #4985148, #5498332, #5725760, #5753115, #5849181, #6068765, #6371690.
 4. Contact Northern Concrete Pipe, Inc. For Further Details Not Listed On This Drawing.

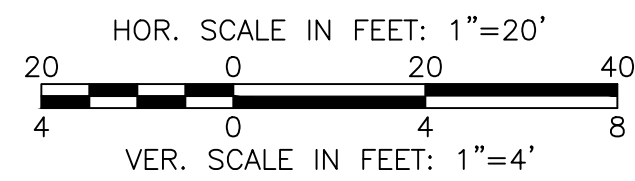


SCALE: 1"=20'
SCALE IN FEET

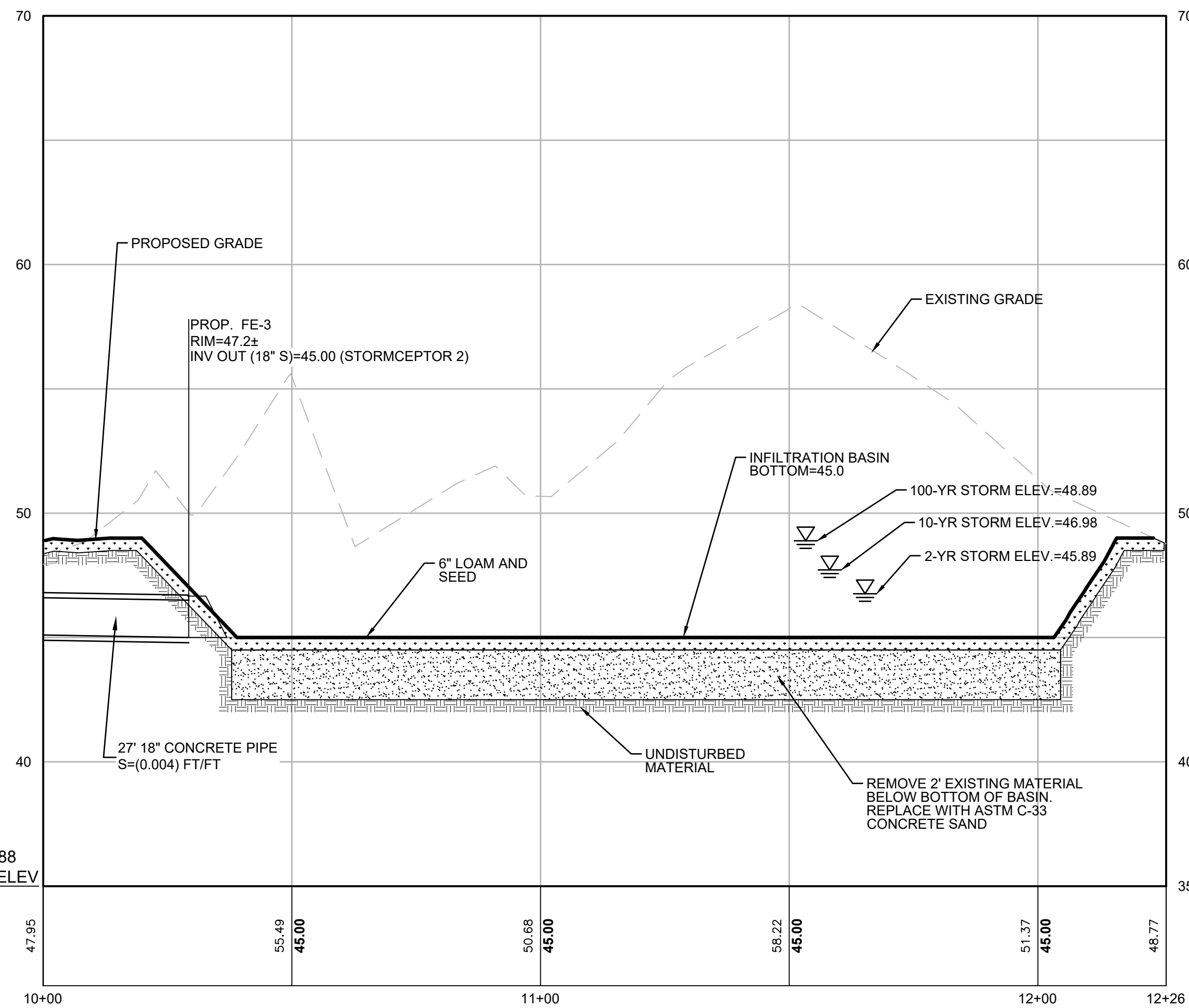


PLAN: INFILTRATION BASIN 1

BMP 1
STA 10+00 TO STA 12+25.78



NAVD 88
BASE ELEV
35.00



PROFILE: INFILTRATION BASIN 1

INFILTRATION BASIN 1
AVAILABLE STORAGE VOLUME: 39,663 CF (BELOW ELEV 49.00)

WQ STORAGE AVAILABLE IN BMP:
36,356 CF

WQV PROVIDED: 36,356 CF

PEAK INFLOW RATES:
2-YEAR: 3.82 CFS
10-YEAR: 8.15 CFS
100-YEAR: 19.47 CFS

PEAK OUTFLOW RATES (VIA CONCRETE OVERFLOW WEIR):
2-YEAR: 0 CFS
10-YEAR: 0 CFS
100-YEAR: 2.25 CFS

BMP PLAN NO. 1

HOR. SCALE IN FEET: 1"=20'

VER. SCALE IN FEET: 1"=4'

