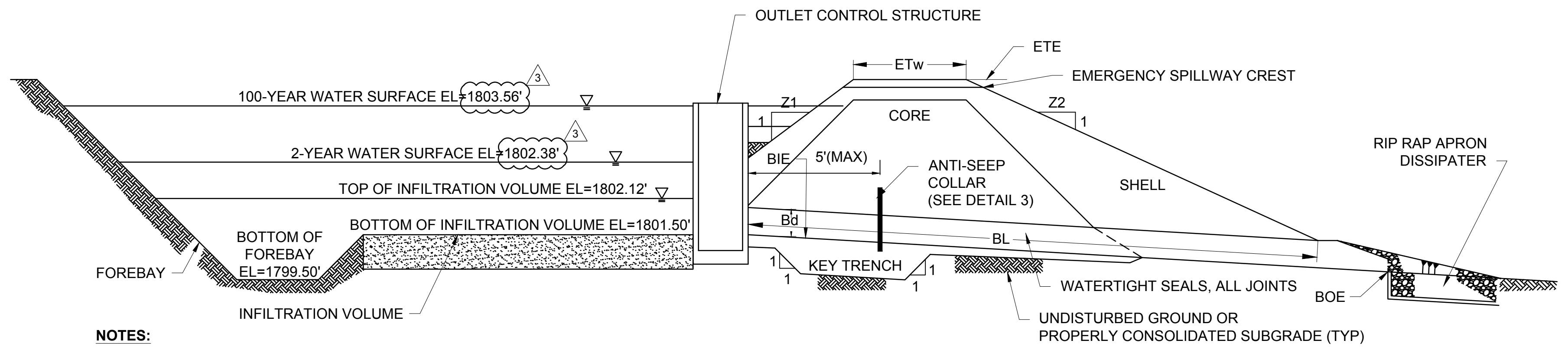


OUTLET CONTROL STRUCTURE NOTES:

- CATCH BASIN STRUCTURE IS TO BE PRECAST CONCRETE.
- THE LOCATION AND ELEVATION INDICATED ON NPTT307-C104 ARE AT THE TOP CENTER OF THE GRATE. THE ORIFICE HOLES SHOULD BE PLACED AT THE ELEVATIONS AS SHOWN ON THE PLANS AND DETAILS.
- GRATING SHALL BE AMICO STANDARD WELDED TYPE "W" 19W4 RESISTANCE WELDED GRATING AS MANUFACTURED BY ALABAMA METAL INDUSTRIES CORP. OR ENGINEERING APPROVED EQUAL.



NOTES:

- INFILTRATION BASIN BASE MATERIAL SHALL BE A 6" LAYER CONSISTING OF COARSE SAND OR 3/8" PEA GRAVEL.
- AFTER THE BASIN IS EXCAVATED TO THE FINAL DESIGN ELEVATION, THE FLOOR SHALL BE DEEPLY TILLED WITH A ROTARY TILLER OR DISC HARROW TO RESTORE INFILTRATION RATES, FOLLOWED BY A PASS WITH A LEVELING DRAG.
- ABSOLUTELY NO RUNOFF IS TO ENTER INFILTRATION BASIN UNTIL ALL CONTRIBUTING DRAINAGE AREAS HAVE BEEN STABILIZED. SURFACE OF BASIN SHALL BE LEVEL.

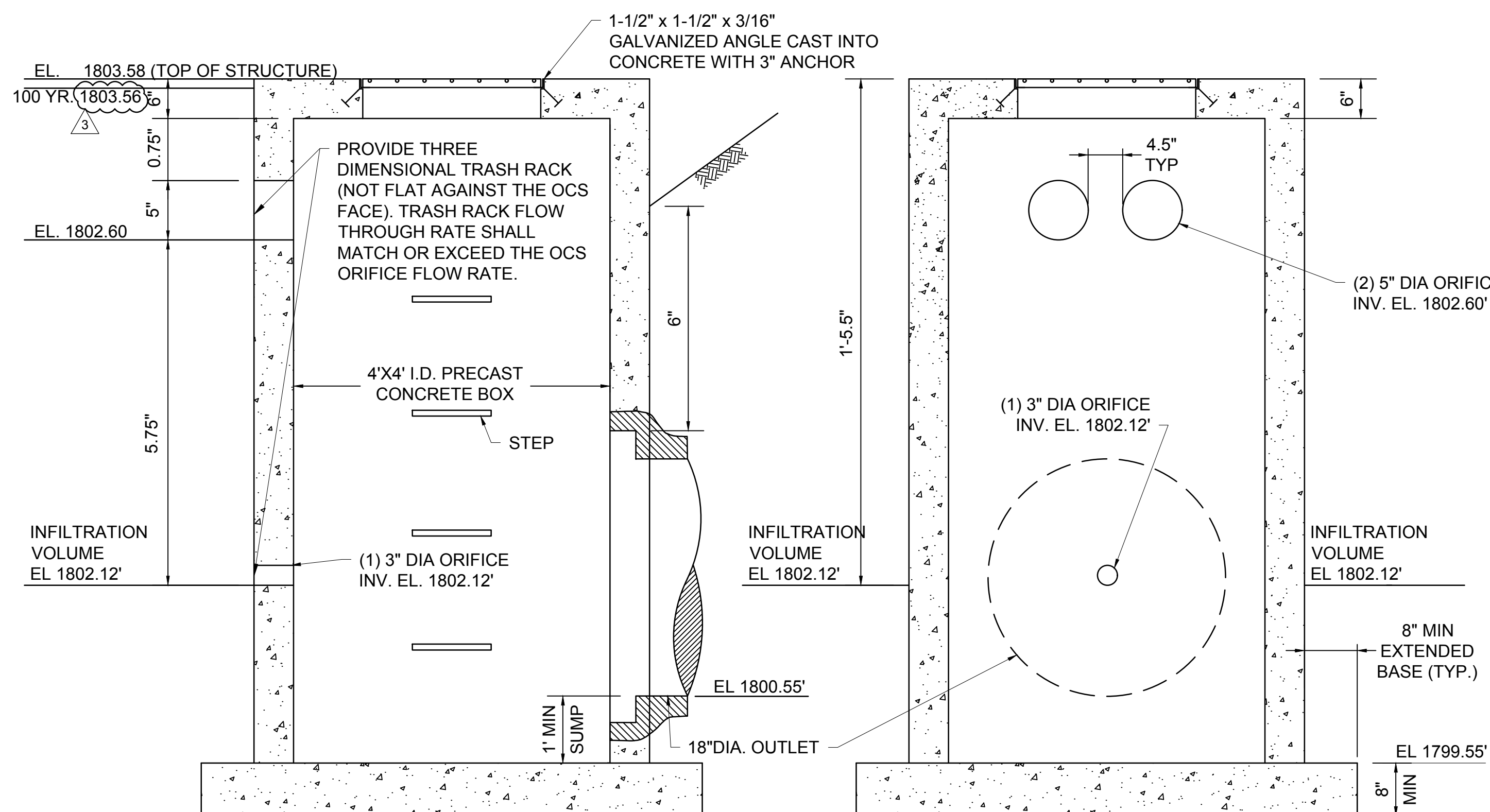
BASIN NO.	Z1 (FT)	Z2 (FT)	DIA Bd (IN)	INLET ELEV BIE (FT)	BARREL		OUTLET ELEV BOE (FT)	EMBANKMENT		
					MAT'L	LENGTH BL (FT)		TOP ELEV ETE (FT)	TOP WIDTH ETw (FT)	CREST (FT)
1	3	3	18	1800.55	HDPE	25'	1800.30	1805.00	6	1804.00

INFILTRATION BASIN CROSS SECTION
NOT TO SCALE

1
C104

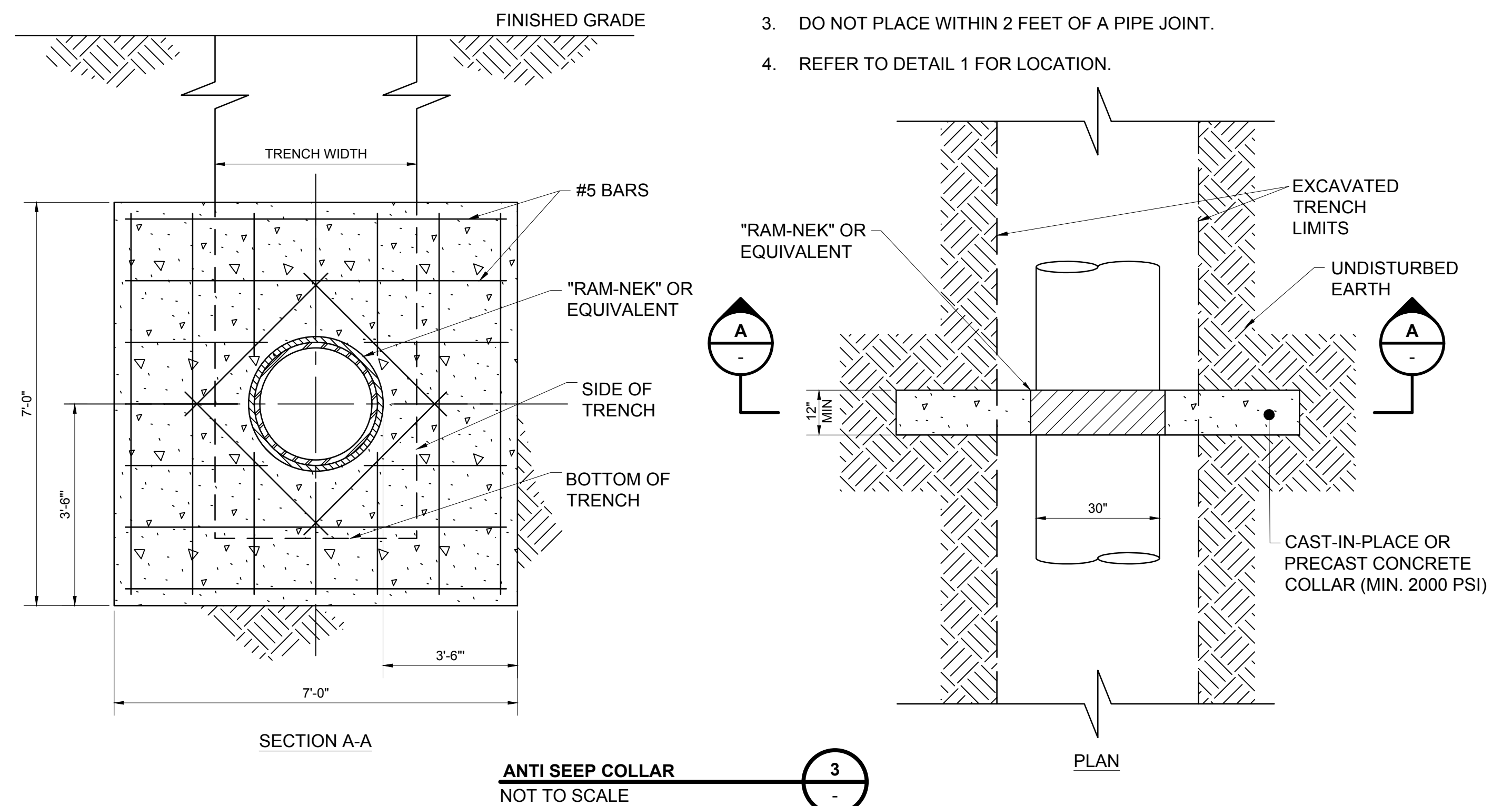
NOTES:

- WRAP PIPE WITH "RAM-NEK" OR EQUIVALENT WHERE PIPE IS EXPOSED TO CONCRETE PRIOR TO POURING.
- EXCAVATION & BACKFILL SHALL BE AS SPECIFIED.
- DO NOT PLACE WITHIN 2 FEET OF A PIPE JOINT.
- REFER TO DETAIL 1 FOR LOCATION.



OUTLET CONTROL STRUCTURE
NOT TO SCALE

2
C104



FOR PERMITTING
PURPOSES ONLY
NOT FOR CONSTRUCTION

NO.	REVISION	DATE	CHG	APPROV.
1	ISSUED FOR PERMITTING	11/18/16	CHG	RJR
2	REVISION	12/1/16	CHG	RJR
3	ISSUED FOR PERMITTING	10/27/15	CHG	BSS
4	REVISION	10/27/15	CHG	BSS

DES: JUS CHK:RLR
DRW:JUS APR:BSS
TOWN: RIVINGTON ROAD, RIVINGTON, NH
TRANSMISSION LINE:
MILE NO:
SHEET 18 OF 18
NPTT318-C508