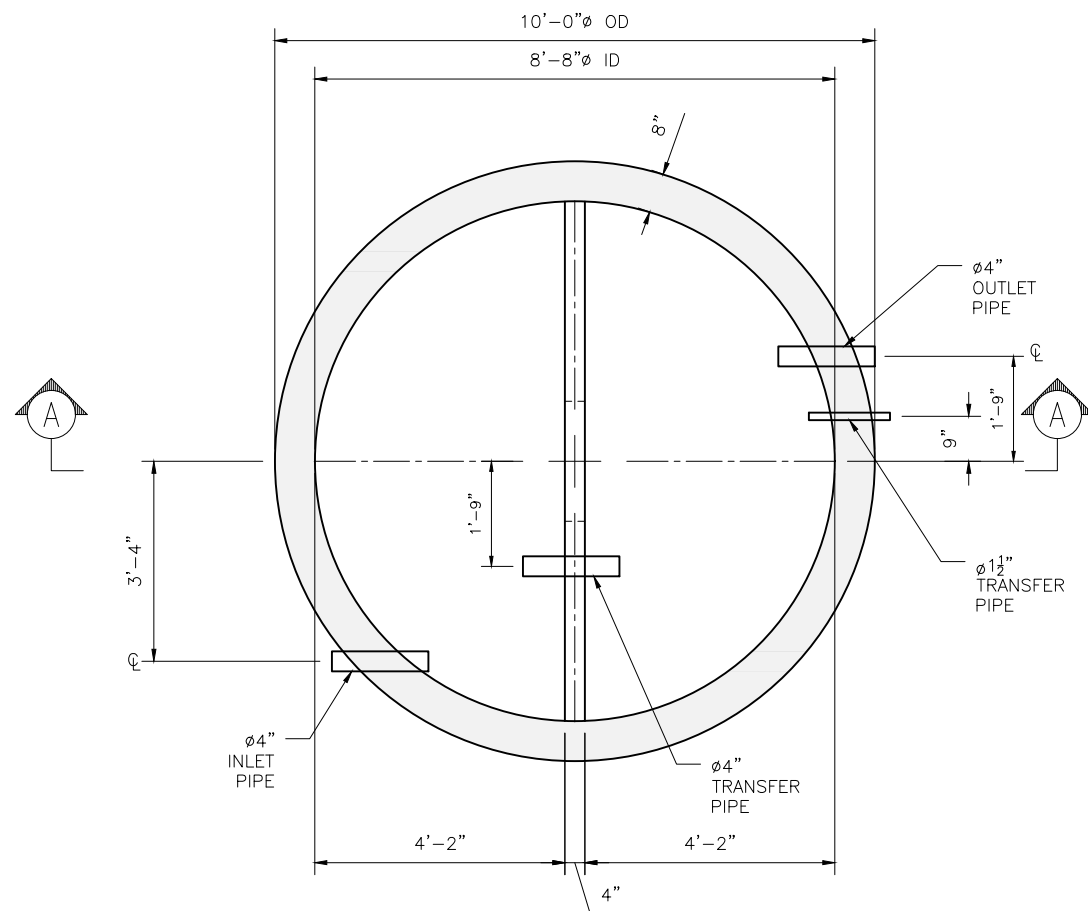
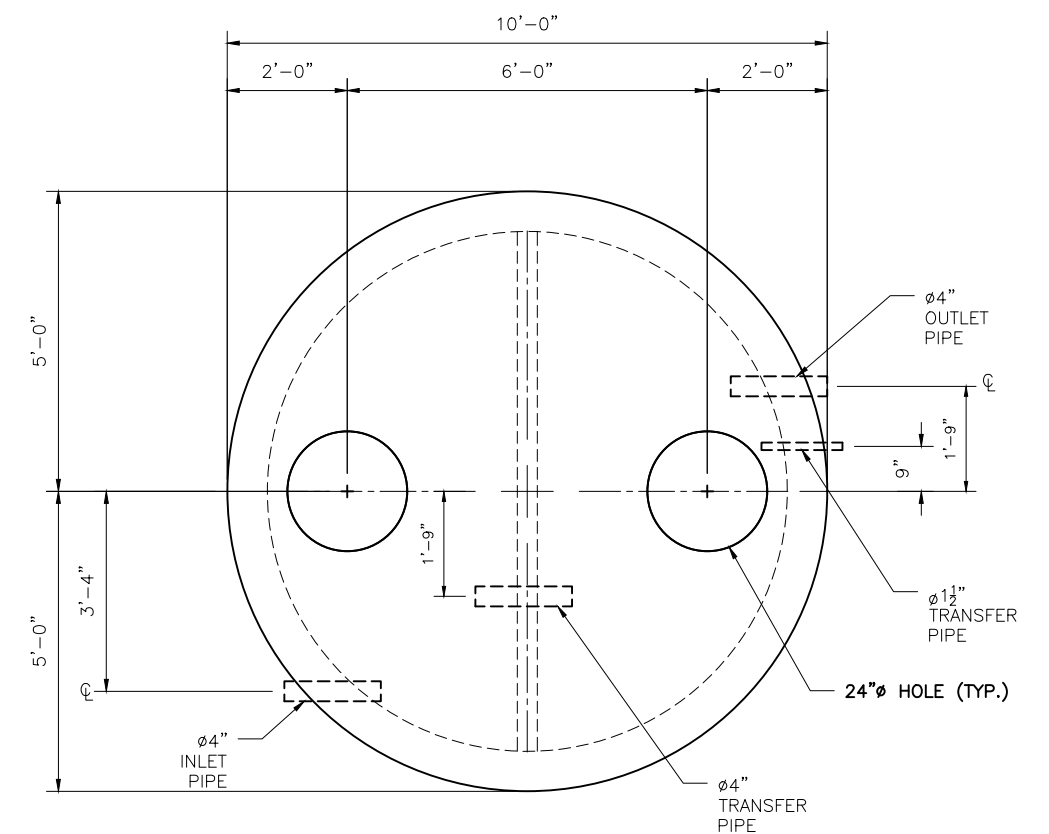




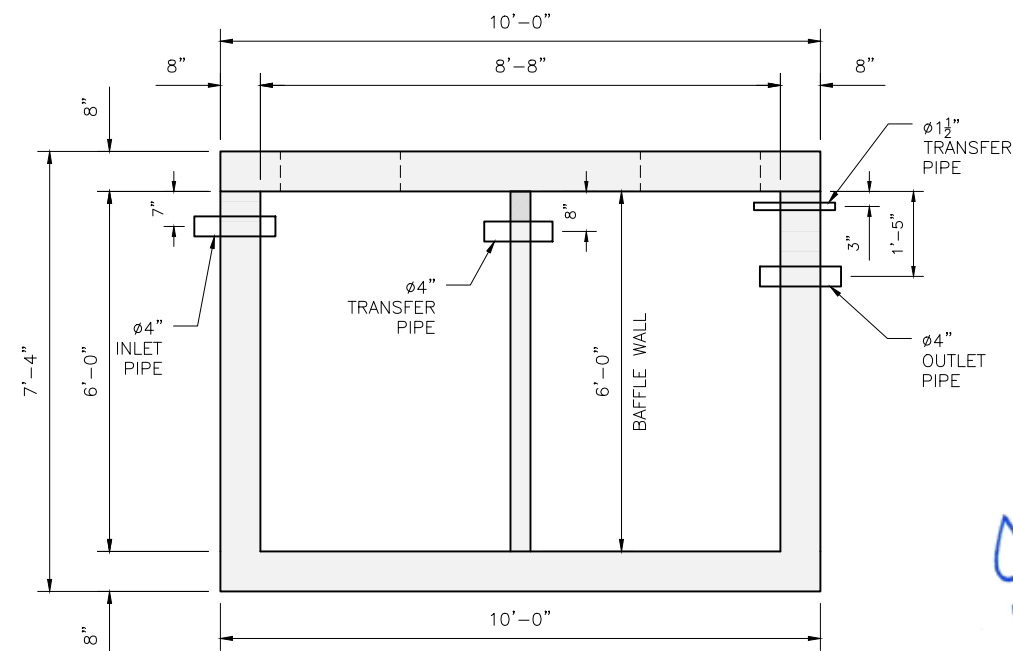
PLAN VIEW BASE

TABLE OF UNITS			
MARK	QTY	VOLUME (C.Y.)	WEIGHT (LBS.)
BASE	1	6.85	27,729
COVER	1	1.79	7,227

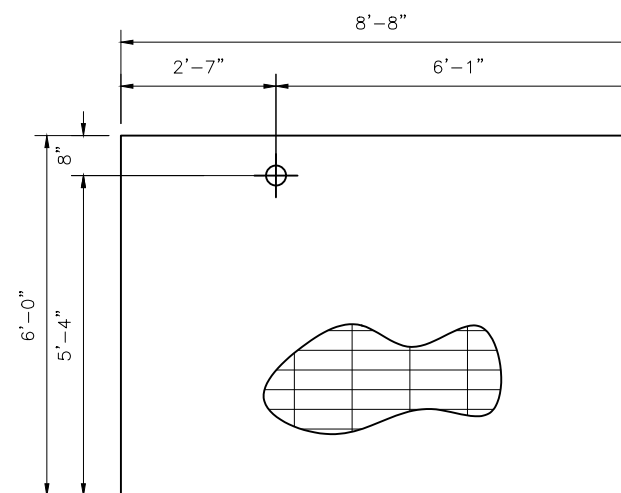
NOTE: WEIGHT OF BASE INCLUDES WEIGHT OF BAFFLE



PLAN VIEW ROOF SLAB 2,000 GALLON PRETREATMENT TANK



SECTION A-A



2,000 GALLON BAFFLE WALL ELEVATION

DESIGN NOTES

- DESIGN IN ACCORDANCE WITH AASHTO LOAD FACTOR DESIGN (17th EDITION) AND ASTM C890 FOR HS-20 LIVE LOAD.

ASSUMPTIONS:

- EARTH COVER = 1.00' MIN. TO 2.50' MAX.
- WATER TABLE @ 3.00' BELOW FINISHED GRADE.
- CONCRETE $f'c$ @ 28 DAYS = 4,000 PSI
- REINFORCEMENT = BAR PER ASTM A615, GRADE 60. WWR PER ASTM A1064, GRADE 65
- BAR COVER = 1.50" CLEAR U.N.O.
- BUOYANCY CHECKED WITH SAFETY FACTOR = 1.50
- WEIGHT=35,900 LBS

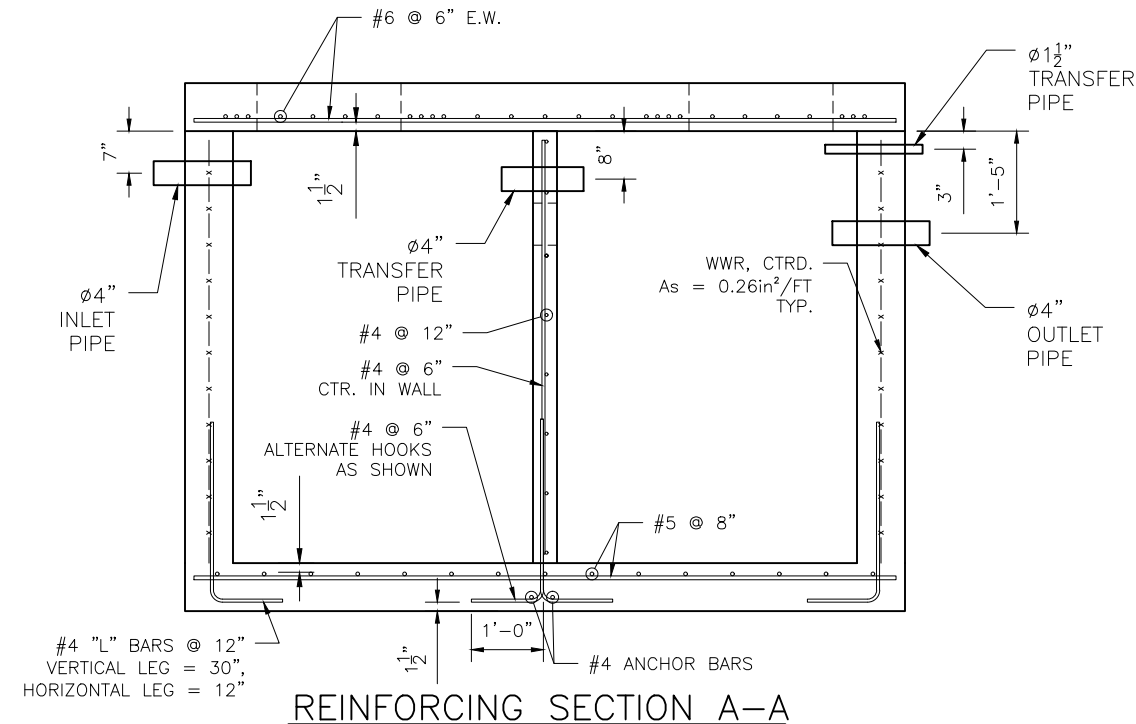
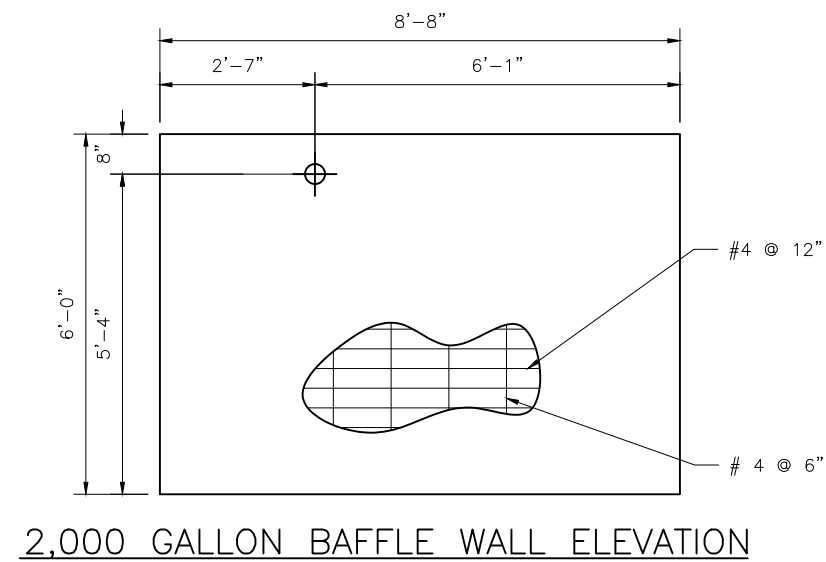
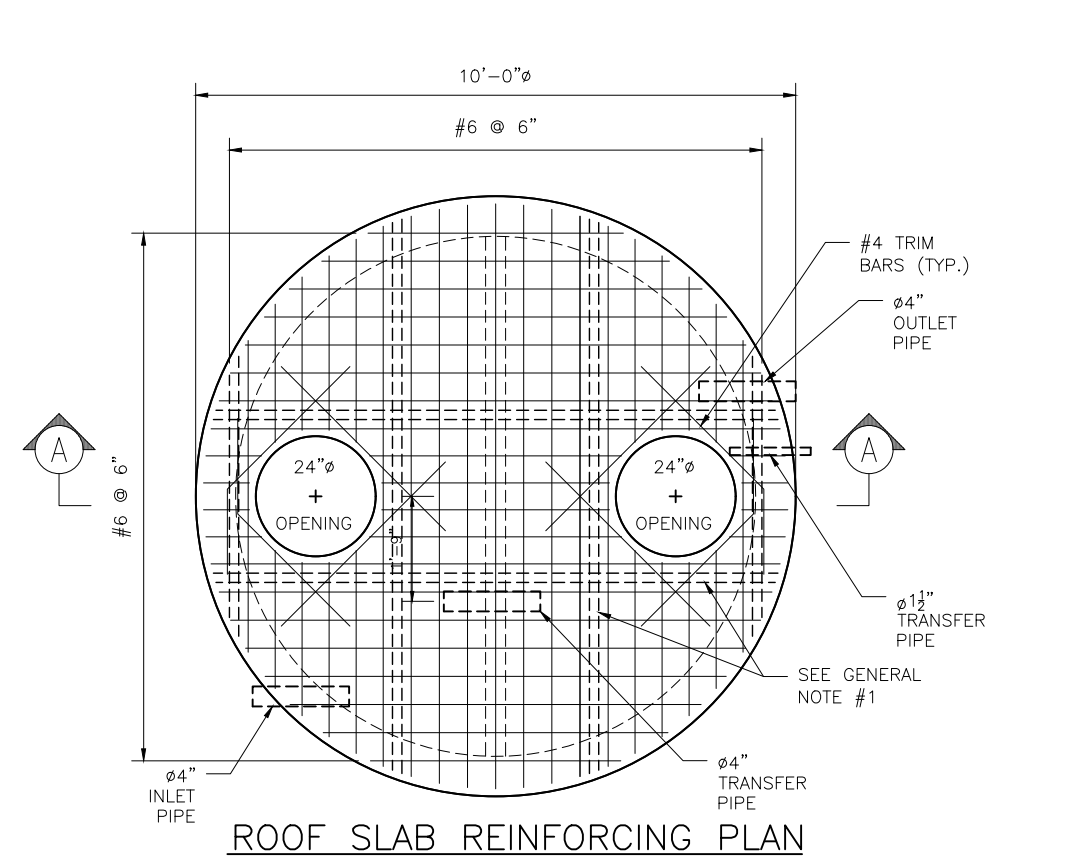
GENERAL NOTES:

- PROVIDE ADDITIONAL REINFORCING AROUND OPENINGS EQUAL TO THE BARS INTERRUPTED, HALF EACH SIDE. ADDITIONAL BARS TO BE IN THE SAME PLANE.
- TRIM OPENINGS WITH DIAGONAL #4 BARS, EXTEND BARS MINIMUM 12" BEYOND OPENINGS, BEND BARS AS REQUIRED TO MAINTAIN BAR COVER.



10-7-2024
New York COA # 0013110
DPN: 2023.106.001

2 10.01.24 REVISED AS PER COMMENT 1 09.27.24 REVISED AS PER COMMENT REV.NO. DATE REVISION			PREPARED FOR: norweco 2065 POND AVENUE RONKONKOMA, NY 11779 (516) 710-7967		
PREPARED BY: DELTA SPECIALTY PRECAST CONCRETE ENGINEERS 860 HOOPER ROAD, ENDWELL, NY 13760 TEL: (607) 231-6600 FAX: (607) 231-6650			DATE: 11/20/23 SHEET TITLE: PRE-TREATMENT TANK GEOMETRY DRWN BY: VCE SCALE: N.T.S. CKD BY: GJP PROJECT: 2,000 GALLON PRE-TREATMENT MANHOLE		
CONTRACTOR: DELTA PROJ. NO.: 2023.106.001			DWG. I.D. PD-01 SHT. NO. 1 OF 2		



			PREPARED FOR:		
			<i>norweco</i> 2065 POND AVENUE RONKONKOMA, NY 11779 (516) 710-7967		
2	10.01.24	REVISED AS PER COMMENT			
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REV.NO.	DATE	REVISION			
PREPARED BY:			DATE: 11/20/23	SHEET TITLE: PRE-TREATMENT TANK GEOMETRY	DRWN BY: VCE
			SCALE: N.T.S.		CKD BY: GJP
			PROJECT: 2,000 GALLON PRE-TREATMENT MANHOLE		
			CONTRACTOR:	DWG. I.D.	PD-02
			DELTA PROJ. NO.: 2023.106.001	SHT. NO.	2 OF 2

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