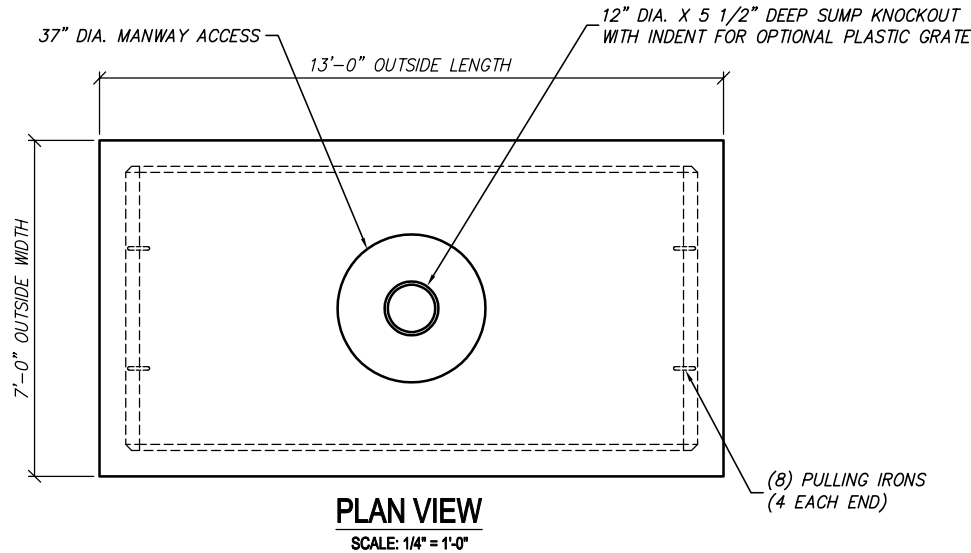
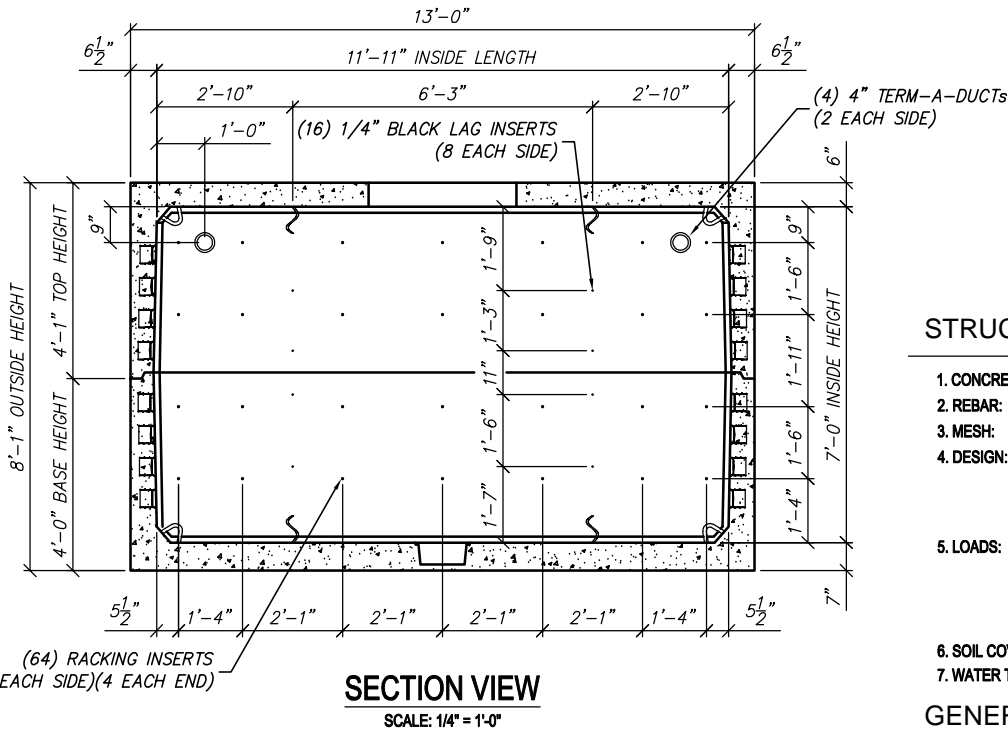
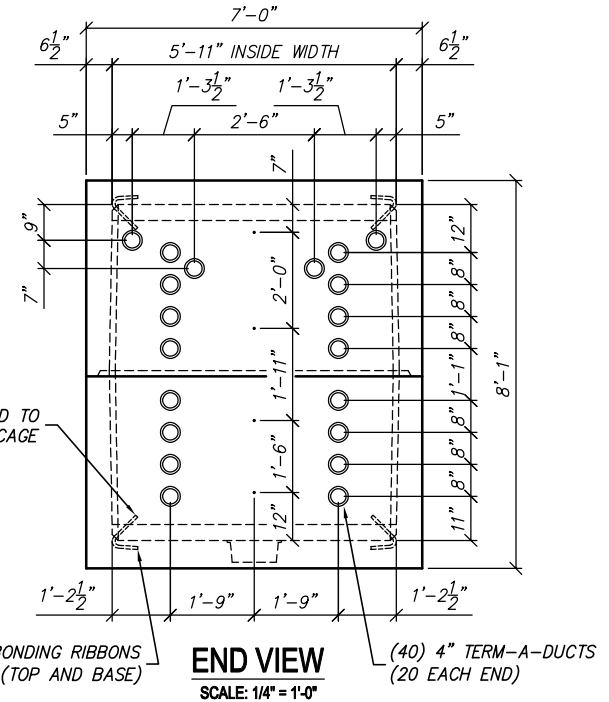


REV	DESCRIPTION	BY	DATE
A	CHANGED NOTES TO BONDING RIBBON	FB	9/24/02
B	CHANGED STRUCTURAL NOTES TO 7000 PSI	AT	9/29/10
C	NCS UPDATES	CP	6/27/17



BONDING RIBBON BRAISED TO REBAR THEN TIED TO REBAR CAGE




### STRUCTURAL NOTES

1. CONCRETE: 28 DAY COMPRESSIVE STRENGTH  $f_c = 5,000$  psi
2. REBAR: ASTM A-615 GRADE 60
3. MESH: ASTM A-1064 GRADE 65
4. DESIGN: ACI 318-14 BUILDING CODE  
ASTM C-857 "MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES"
5. LOADS: HS20-44 W/30% IMPACT PER AASHTO  
80 PSF LATERAL LIVE LOAD SURCHARGE - UP TO 8'-0" DEPTH  
SOIL: 40 PCF LATERAL SOIL PRESSURE ABOVE WATER TABLE  
80 PCF LATERAL SOIL PRESSURE BELOW WATER TABLE  
120 PCF SOIL DENSITY
6. SOIL COVER: 0' TO 5' (MAX.)
7. WATER TABLE: 5'-0" BELOW GRADE

### GENERAL NOTES

1. ALL JOINTS SHAL BE SEALED USING CONSEAL CS-101 BUTYL RUBBER ROPE.



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**612-TA-M**

CUSTOMER					
STANDARD					
DATE	SALES	DRAWN	ENGINEER	CHECKED	SALES ORDER
6/29/17		JM			
DRAWING NUMBER				REVISION	SHEET
V50T1-1				B	1 OF 1
				REV DATE	