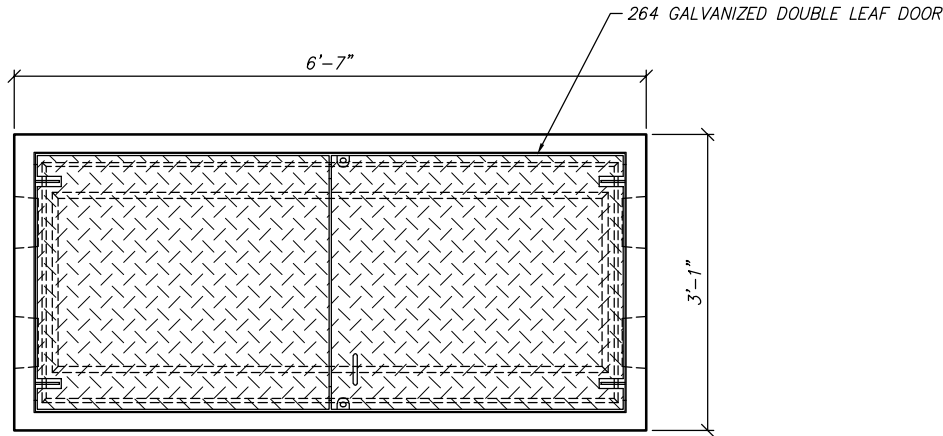
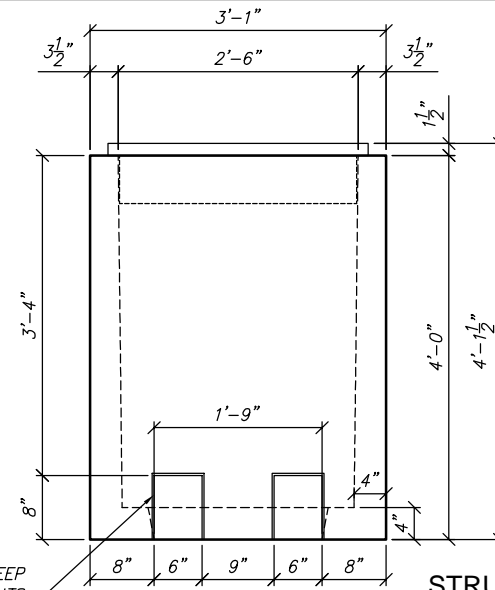


REV	DESCRIPTION	BY	DATE
A	ADDED NEW TITLE BLOCK	AT	7/8/09
B	CHANGED LENGTH OF UNISTRUT TO MATCH NEW STD	AT	3/31/10
C	NCS UPDATES	NK	6/21/17



**PLAN VIEW**  
SCALE: 1/2" = 1'-0"

(4) 8" X 6" X 3" DEEP  
KNOCKOUTS  
(2 EACH END)

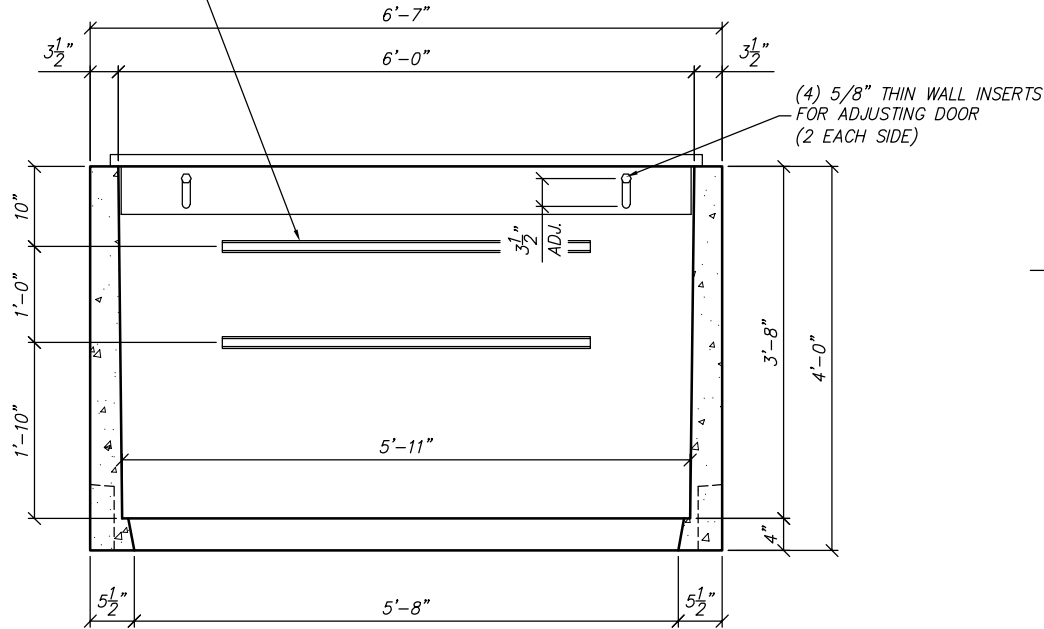


**END VIEW**  
SCALE: 1/2" = 1'-0"

**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 WHEEL LOADING IN OFF-STREET LOCATIONS WHERE NOT  
SUBJECTED TO HIGH DENSITY TRAFFIC  
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

(4) P4000 UNISTRUT (4'-0")  
(2 EACH SIDE)



**SECTION VIEW**  
SCALE: 1/2" = 1'-0"

**GENERAL NOTES**

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



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CUSTOMER  
**STANDARD**

DATE	SALES	DRAWN	ENGINEER	CHECKED	SALES ORDER
5/3/99		JM			---
DRAWING NUMBER				REVISION	SHEET
V13T1-1				REV DATE	1 OF 2