

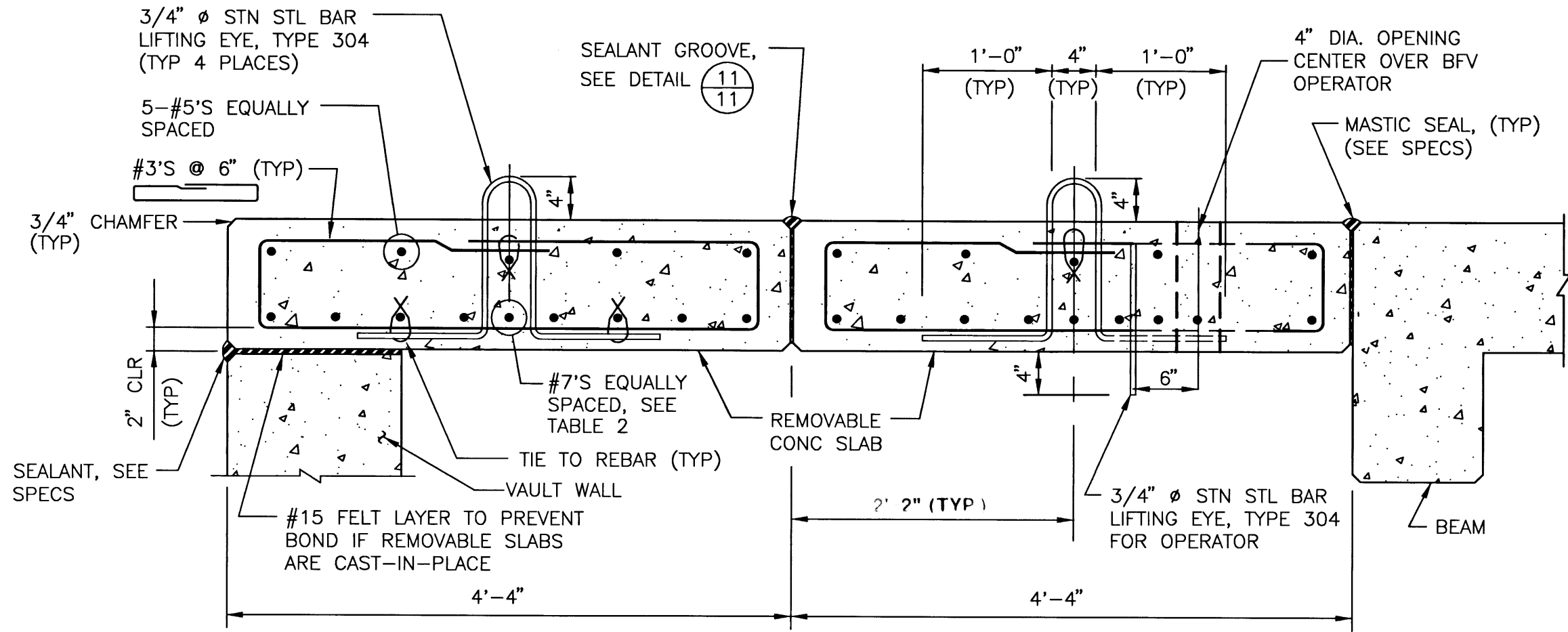
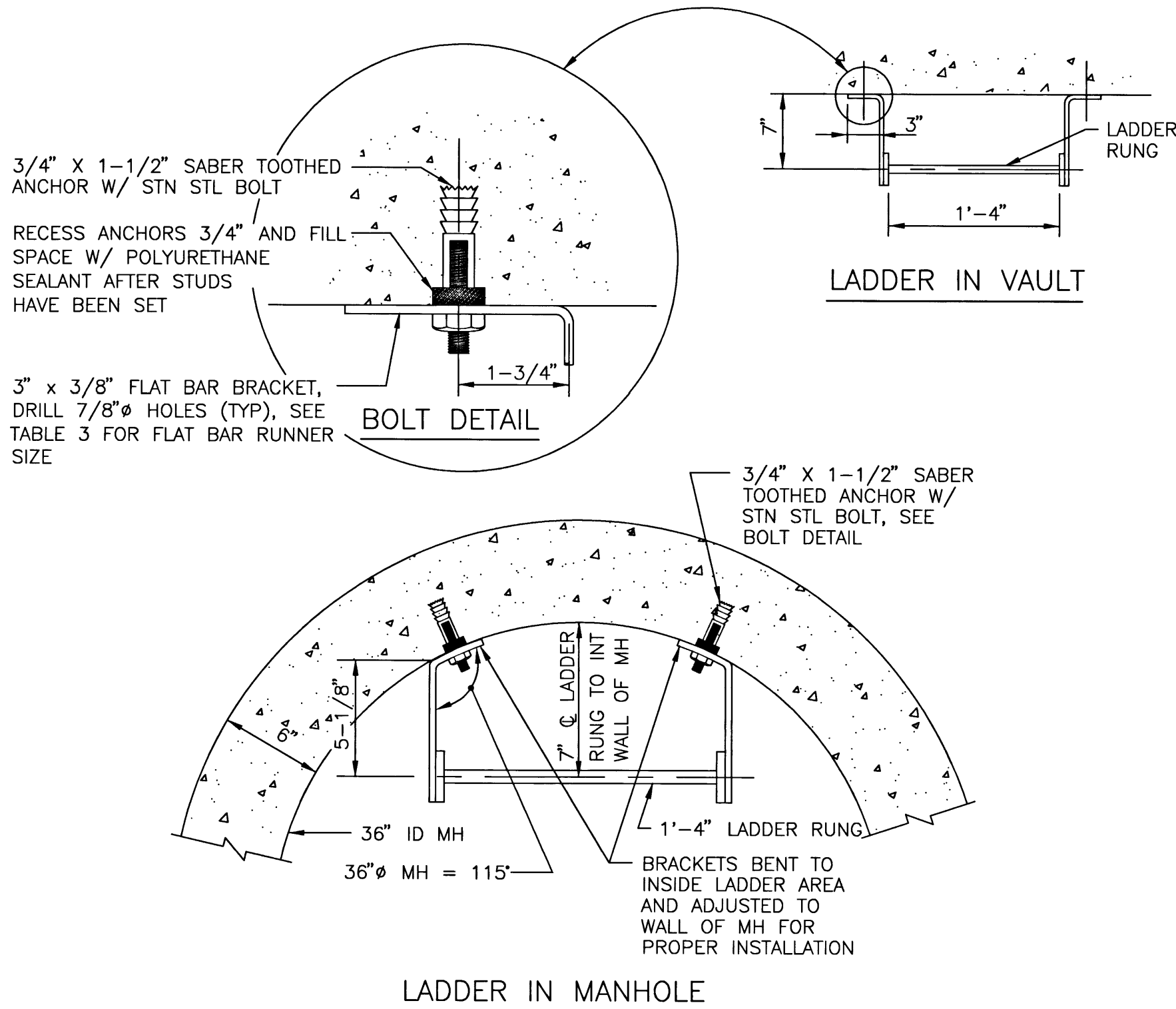


TABLE 2			
SLAB WIDTH FROM TABLE 1, SHEET 1	14'-0"	15'-0"	16'-0"
NUMBER OF REBAR	16	19	22

REMOVABLE CONCRETE SLAB DETAIL SECTION
NOT TO SCALE

4
11

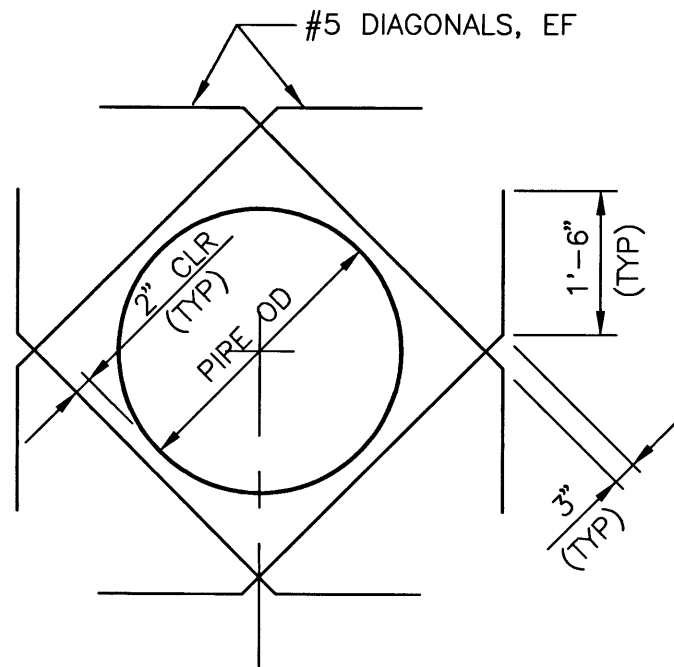


- NOTES
1. LANDING PLATFORM REQUIRED EVERY 20'-0" OF HEIGHT OR FRACTION THEREOF FOR OPEN LADDER. FOR LADDER WITH CAGE, PLATFORM SPACING IS 30'-0" MAX (OSHA 1910.27).
 2. APPROVAL OF THE ENGINEER REQUIRED FOR ANY BRACKET SPACING OVER 5'-0" OC (SEE TABLE 3 FOR BAR SIZE).
 3. LADDERS SHALL BE MADE OF GALVANIZED CARBON STEEL.

TABLE 3	
BRACKET SPACING	FLAT BAR SIZE
5'-0" TO OC MAX	2" X 3/8"
OVER 20'-0"	4" X 1/2"

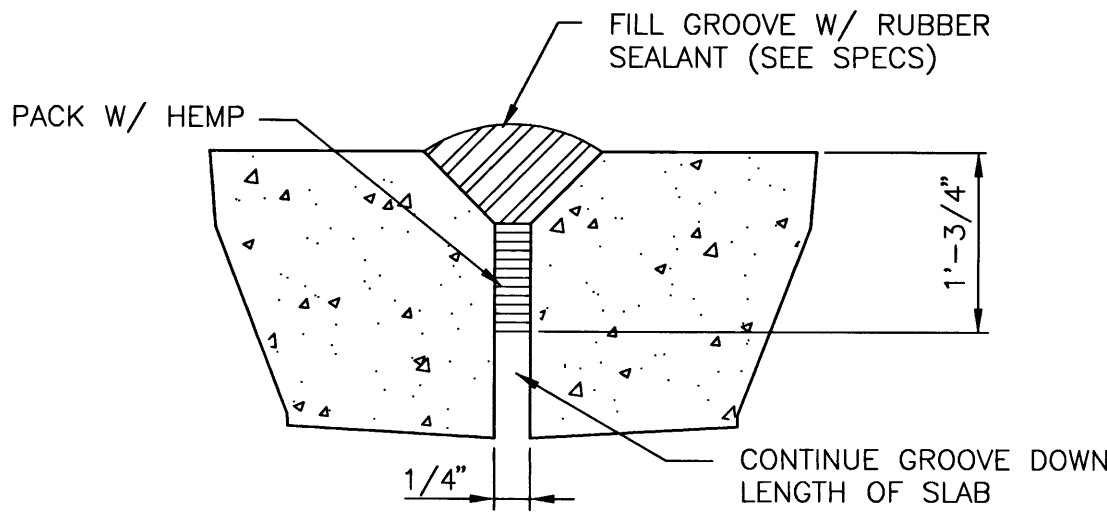
BOLT AND FLAT BAR BRACKET DETAIL
NOT TO SCALE

5
11



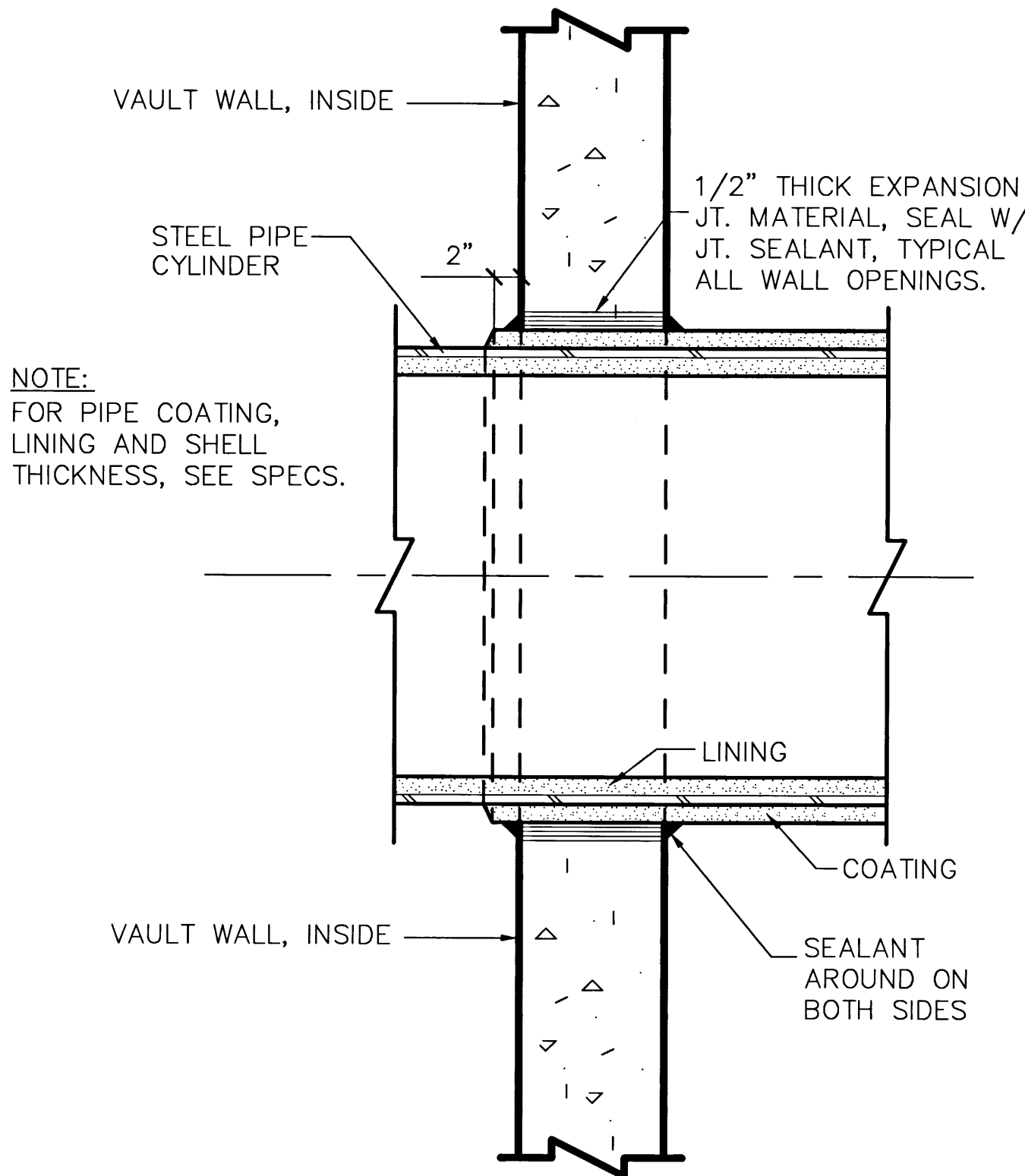
WALL REINFORCEMENT DETAIL
NOT TO SCALE

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11



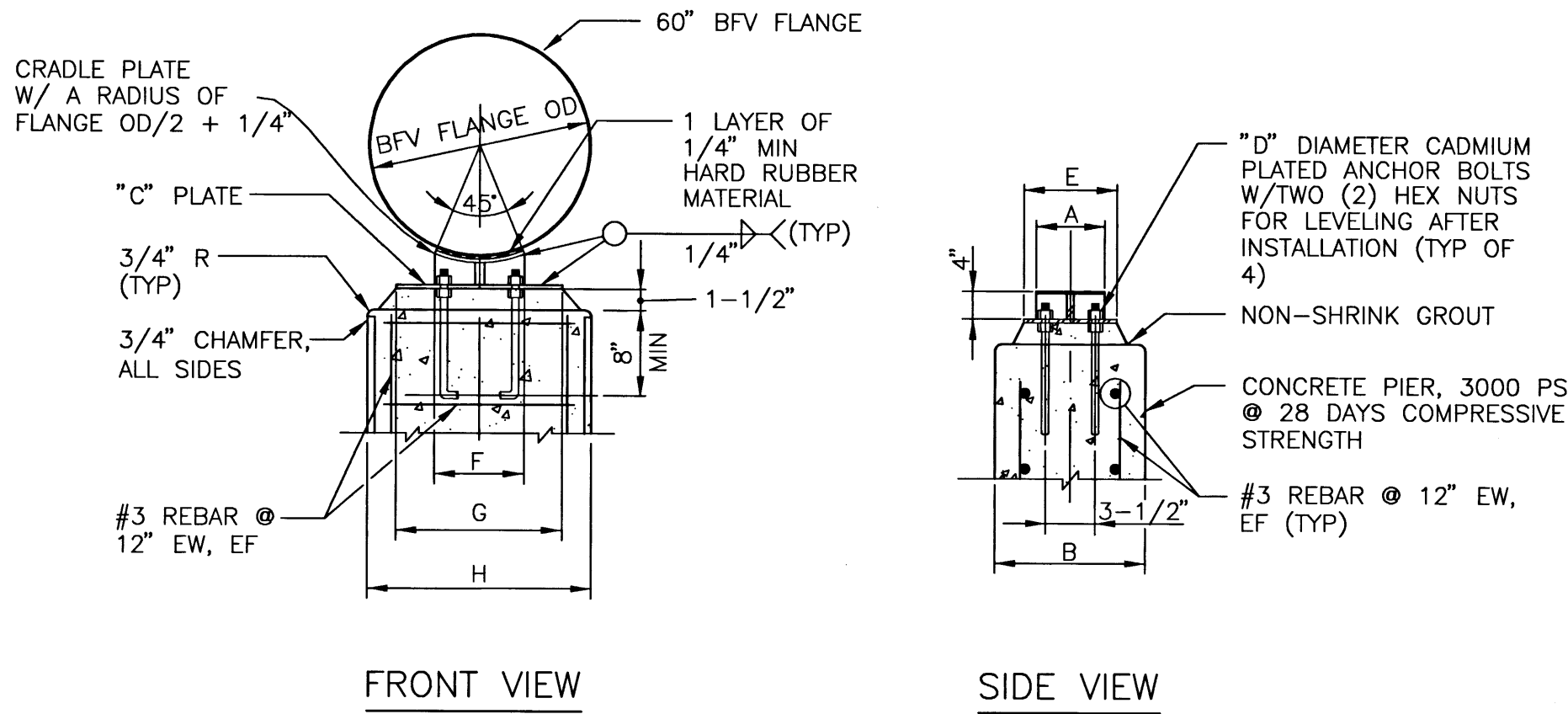
SEALANT GROOVE DETAIL
NOT TO SCALE

11
11



WALL PENETRATION DETAIL
NOT TO SCALE

3
11



NOTE
GALVANIZE ASSEMBLY AFTER FABRICATION.

TABLE 4										
NOMINAL PIPE SIZE	SUPPORTING									
	PIPE					FLANGE				
	A	B	C	D	E	F	G	H	F	G
30"	5"	12"	3/8"	3/4"	6"	7"	13"	19"	9"	15"
36"	6"	15"	3/8"	3/4"	6"	9"	15"	21"	12"	18"
42"	6"	18"	1/2"	1"	8"	9"	17"	23"	13"	21"
48"	6"	18"	1/2"	1"	8"	12"	20"	26"	15"	23"
54"	6"	18"	1/2"	1"	8"	14"	22"	28"	18"	26"
60"	6"	18"	1/2"	1"	8"	16"	24"	30"	21"	29"
66"	6"	18"	1/2"	1"	8"	17"	27"	33"	21"	31"
72"	6"	18"	1/2"	1"	8"	19"	29"	35"	24"	34"

PIPE SUPPORT DETAIL
NOT TO SCALE

6
11

- NOTES
1. CONCRETE SHALL BE CLASS 3000 PSI AS SPECIFIED.
 2. PIPE OUTLET SHALL BE SHAPED TO FIT THE SPECIFIED PIPE DIAMETER.
 3. BOLT HOLES SHALL BE DRILLED AND TAPPED AS REQUIRED FOR BOLTS OR STUDS FURNISHED.
 4. CONCRETE COLLAR SHALL BE 1/8" TO 1/4" BELOW FINISHED GRADE.
 5. MAINTAIN A MIN CLEARANCE OF 2" OF COVER FOR REINFORCED STEEL.
 6. THE ENGINEER SHALL VERIFY THE ADEQUACY OF THE REINFORCING STEEL FOR VAULTS GREATER THAN 10'-0" DEEP OR FOR UNSTABLE SOILS CONDITIONS. STRUCTURAL CALCULATIONS SHALL BE PERFORMED BY THE ENGINEER AND SUBMITTED TO THE DISTRICT FOR REVIEW.

LAS VEGAS VALLEY WATER DISTRICT

VERIFY SCALE

3205 ZONE RESERVOIR INLET/OUTLET PIPELINE

DRAWN BY: ANJELA RISSAGER
CHECKED BY: RON CHAPMAN

RECOMMENDED BY: 4534
FORWARD VANDER MEER
ACCEPTED BY: R.P.E. NO. DATE

CONTRACT NUMBER
770
DRAWING NUMBER 04
SHEET 11 OF 19

