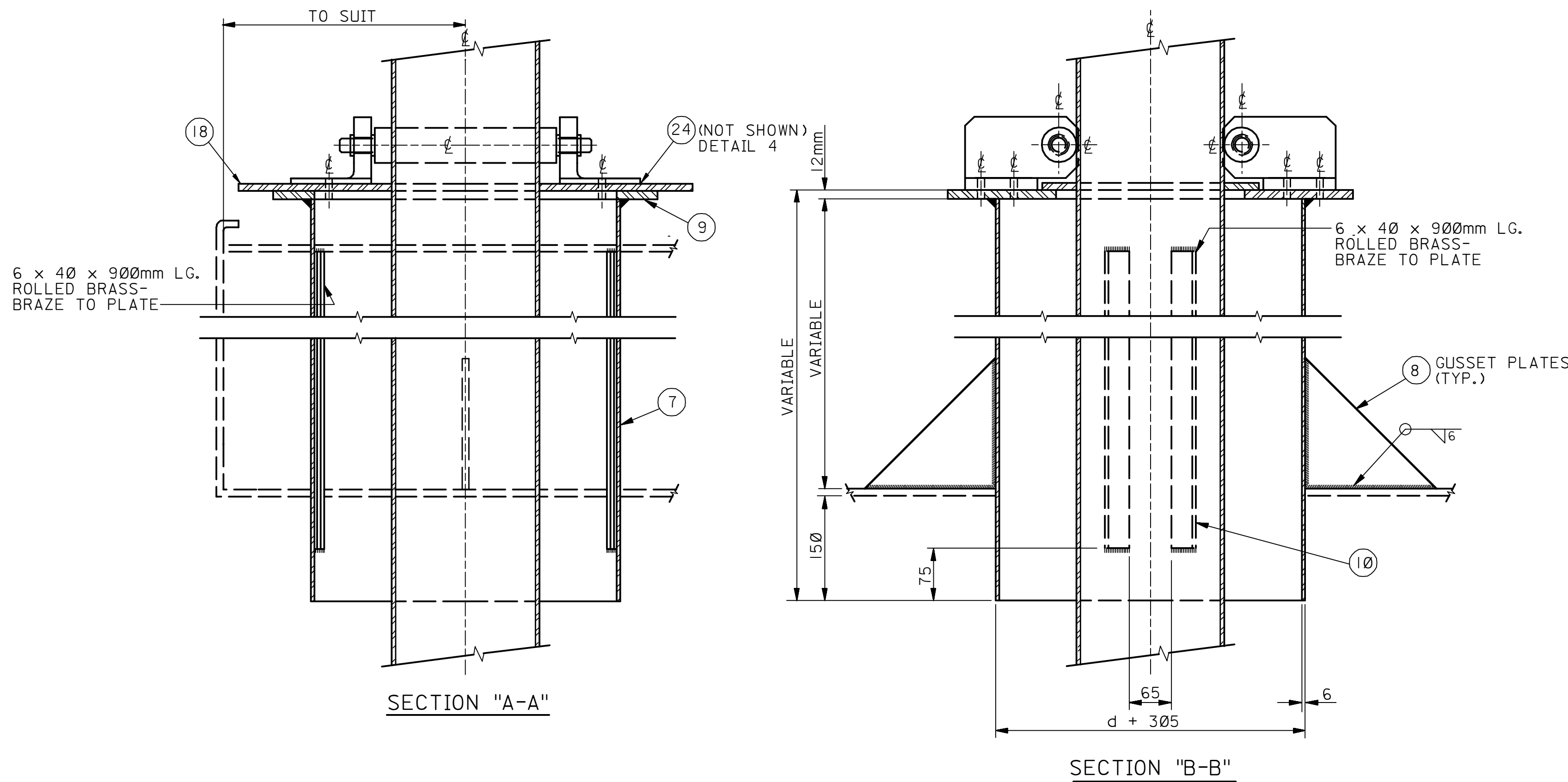
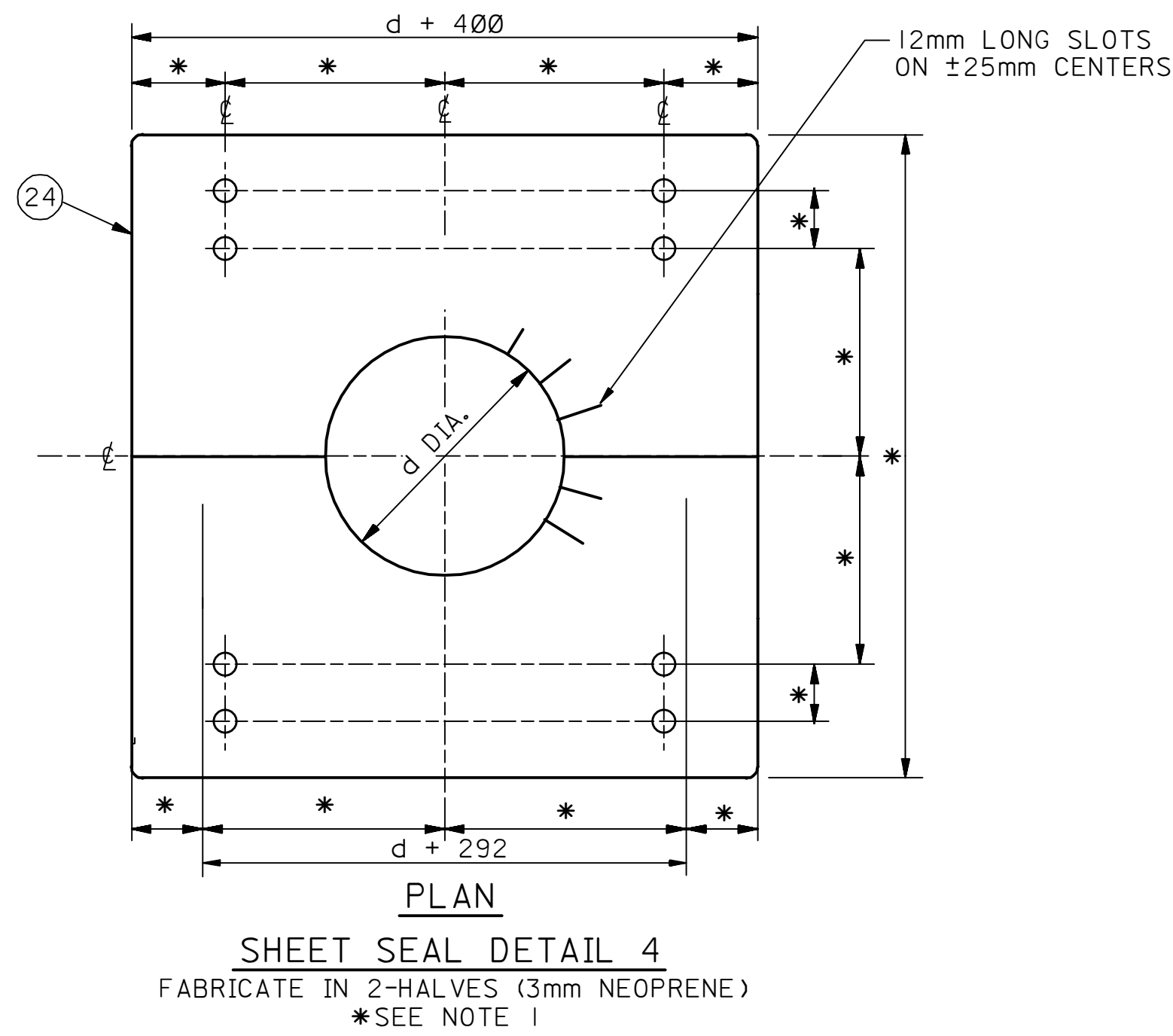
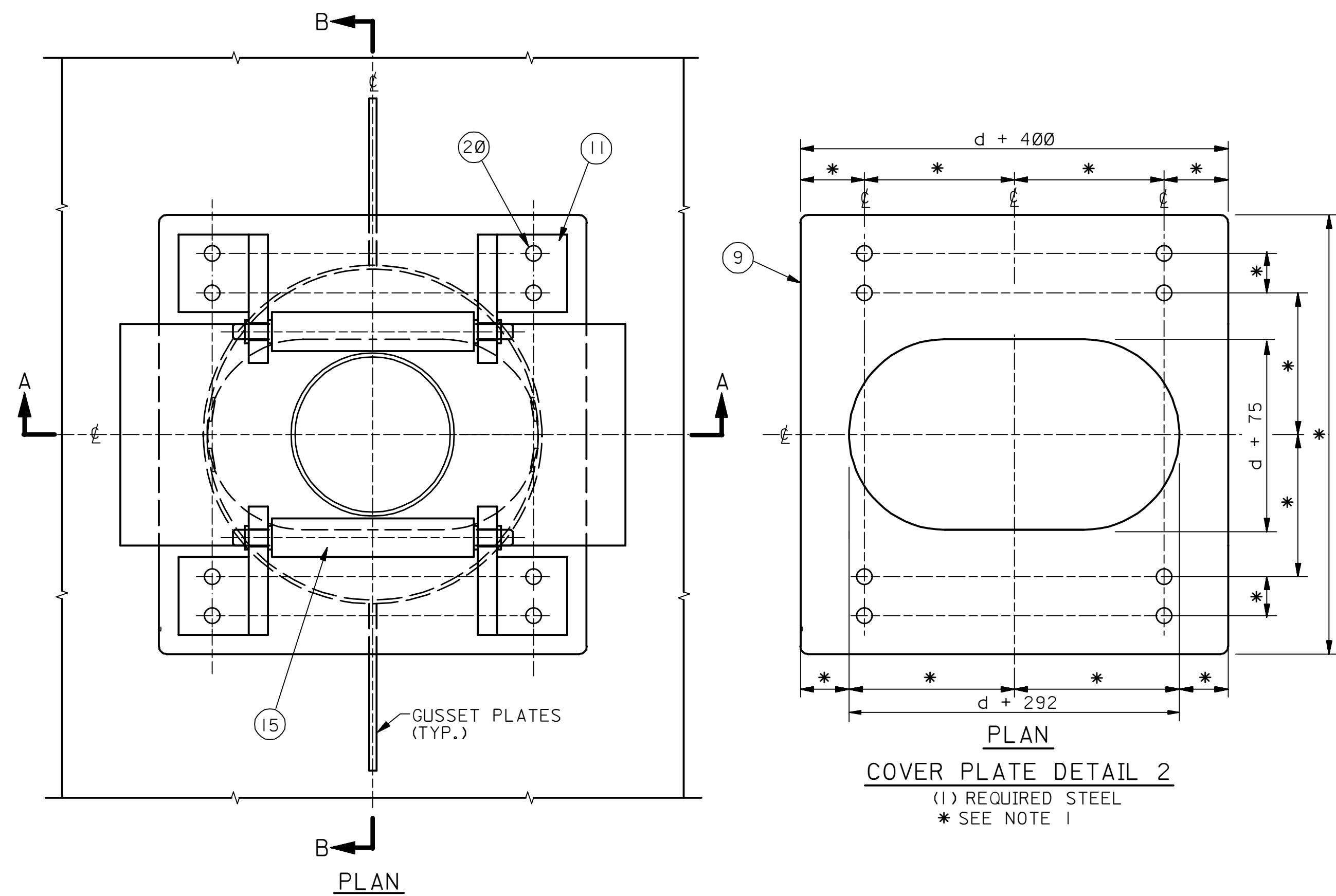
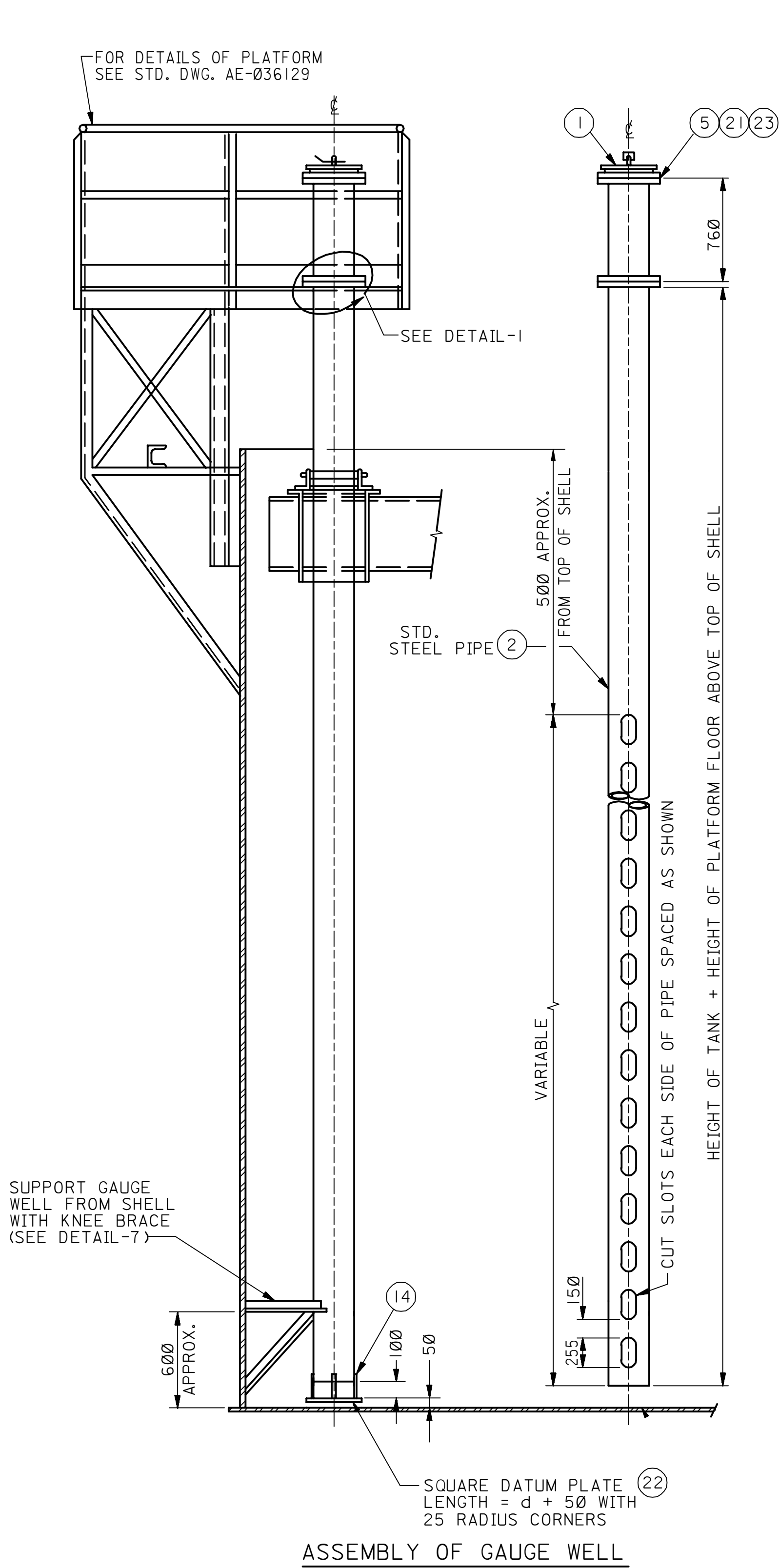
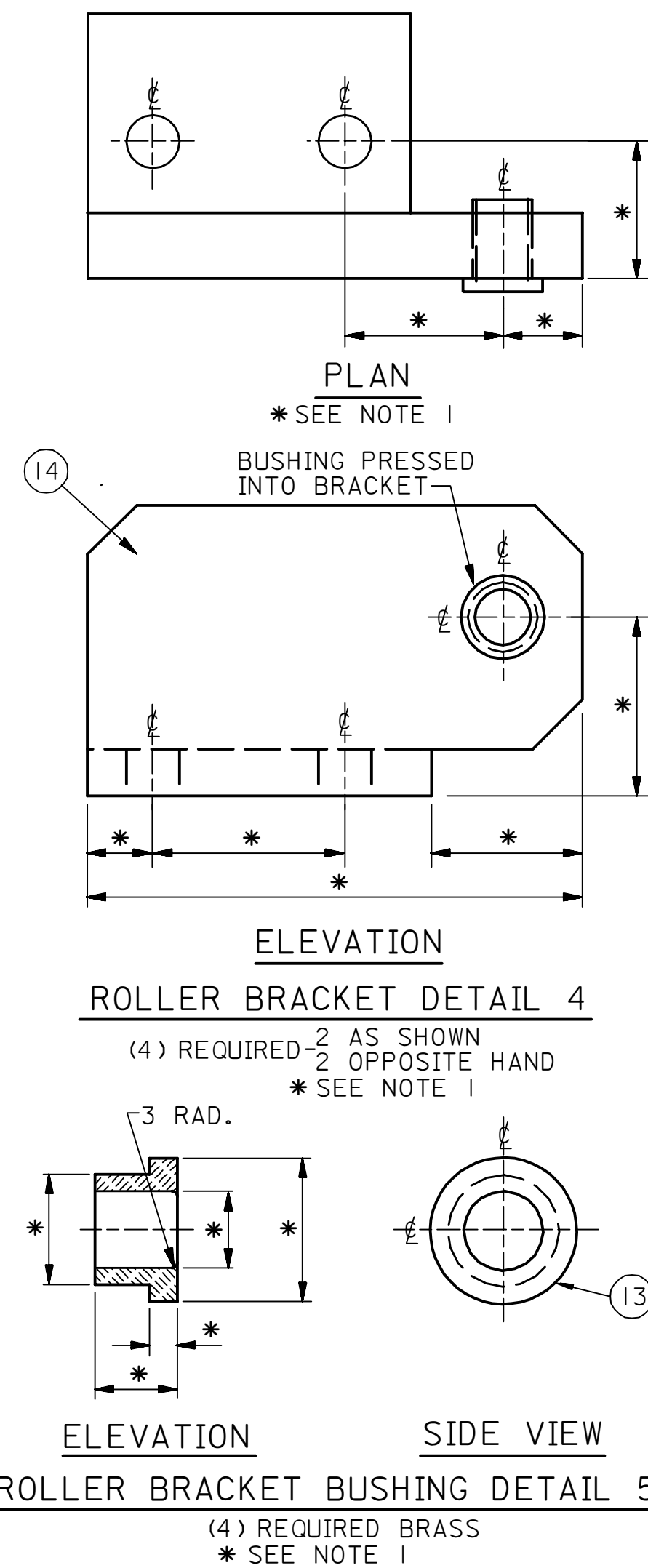


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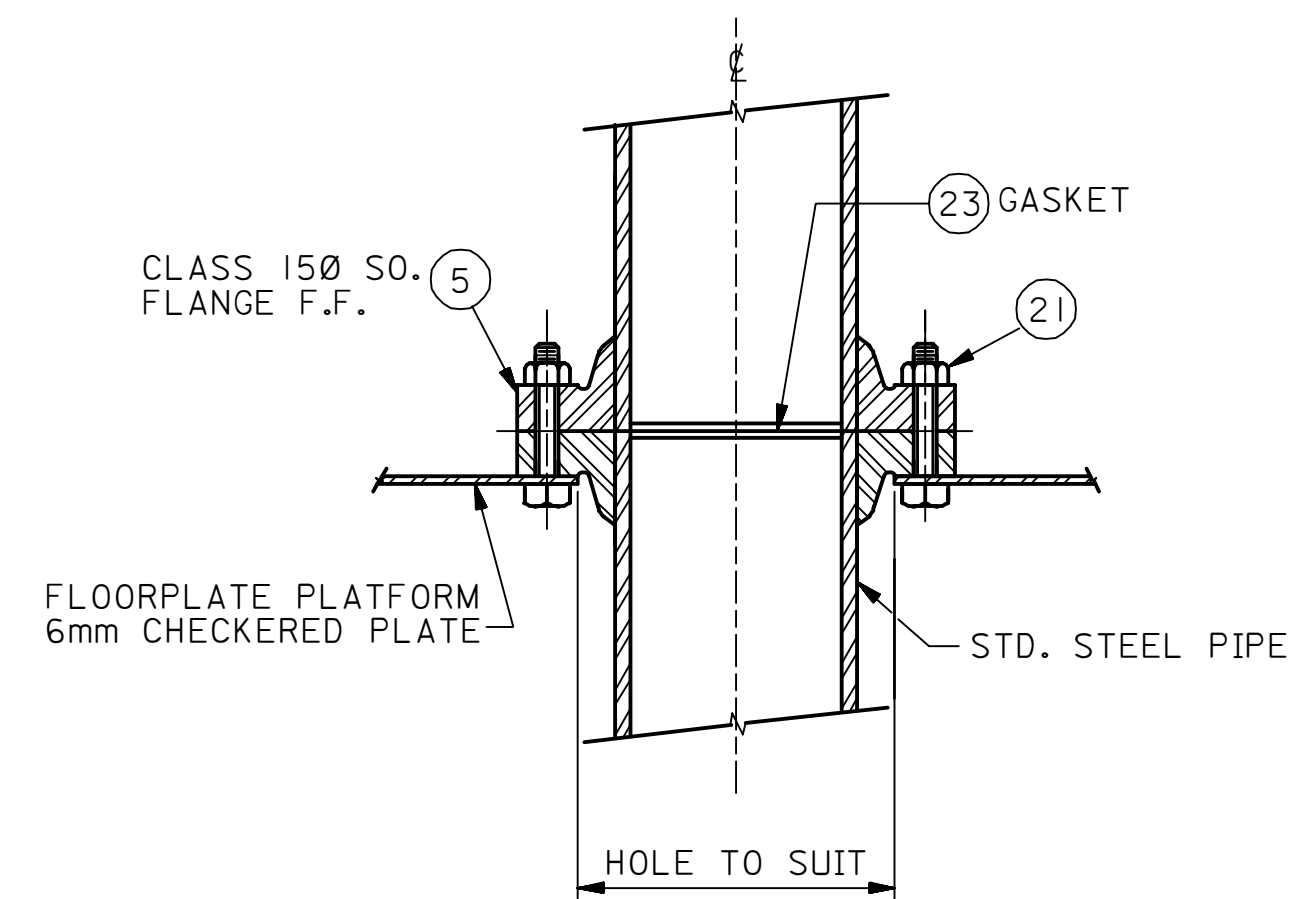


GAUGE WELL NECK AND GUIDE FOR FLOATING ROOF
(1) REQUIRED STEEL

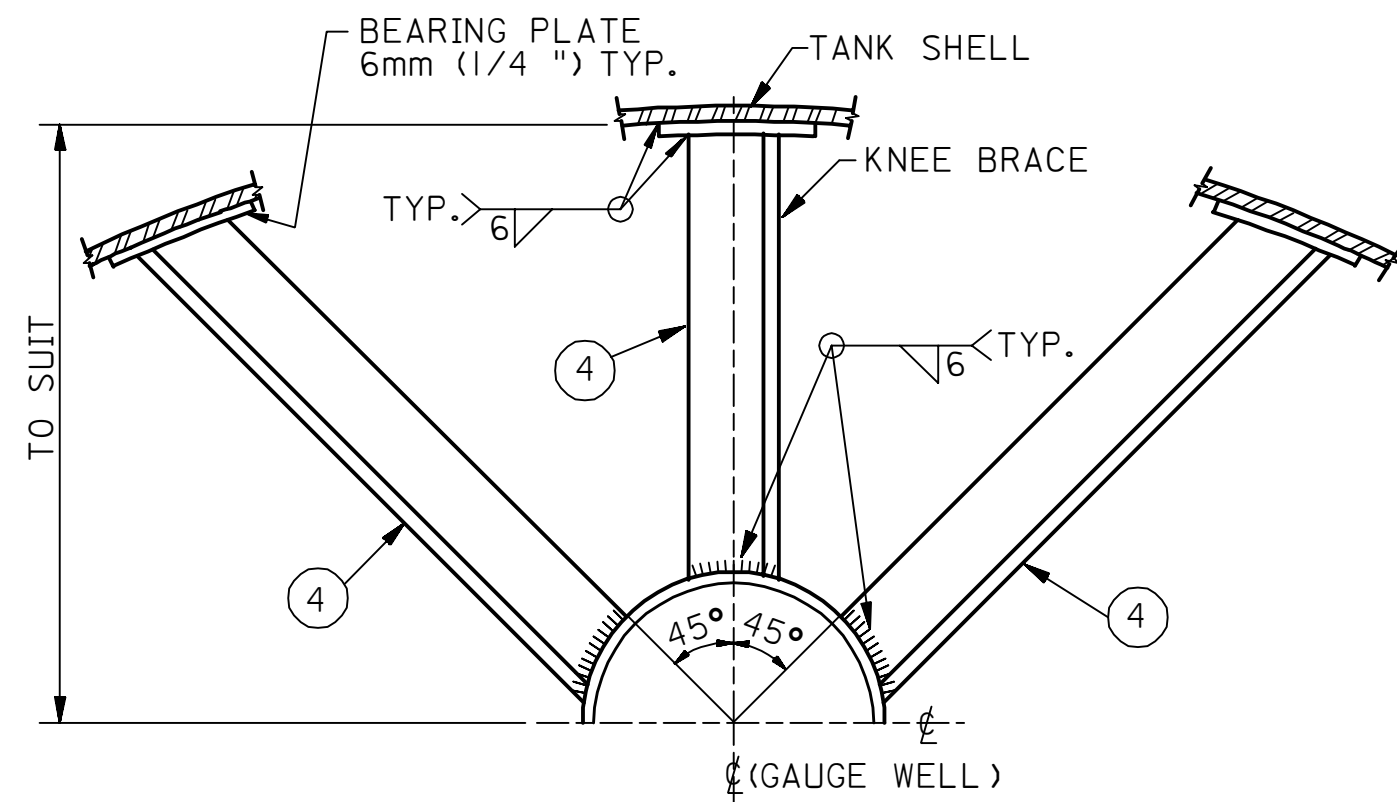


ROLLER BRACKET DETAIL 4
(4) REQUIRED 2 AS SHOWN
2 OPPOSITE HAND
* SEE NOTE 1

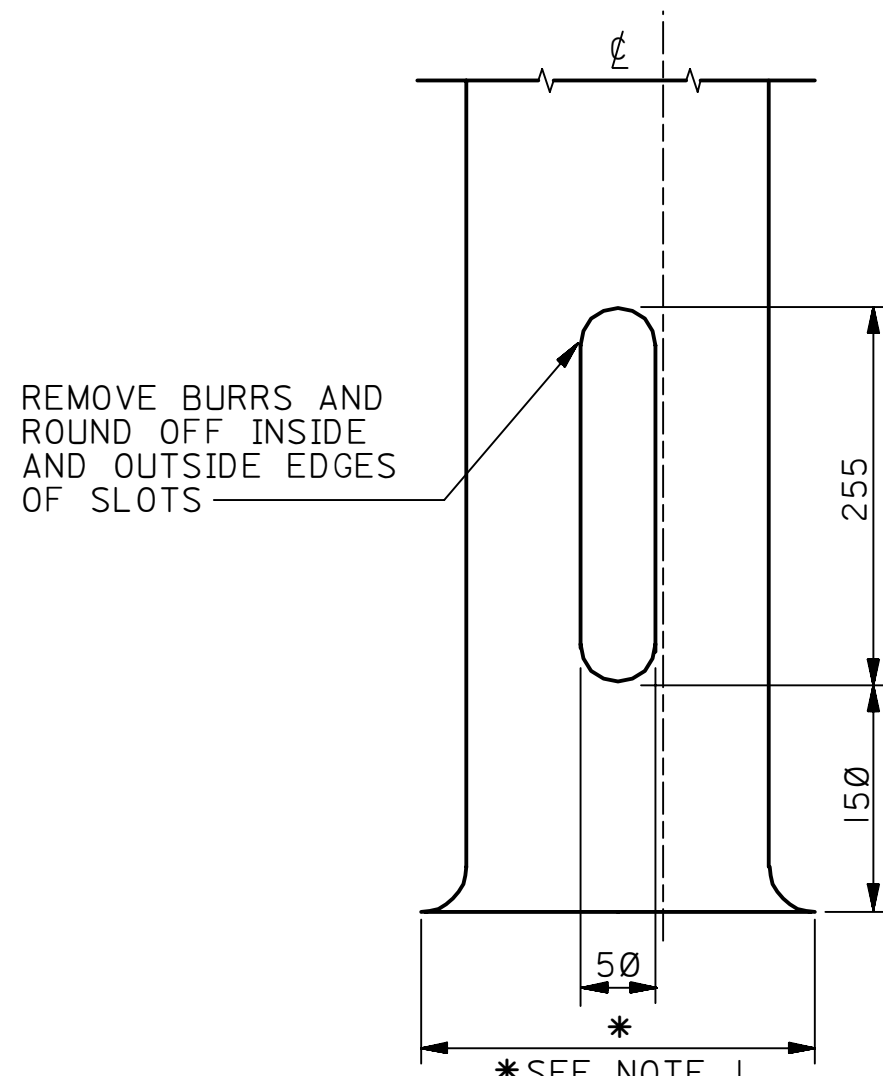
ROLLER BRACKET BUSHING DETAIL 5
(4) REQUIRED BRASS
* SEE NOTE 1



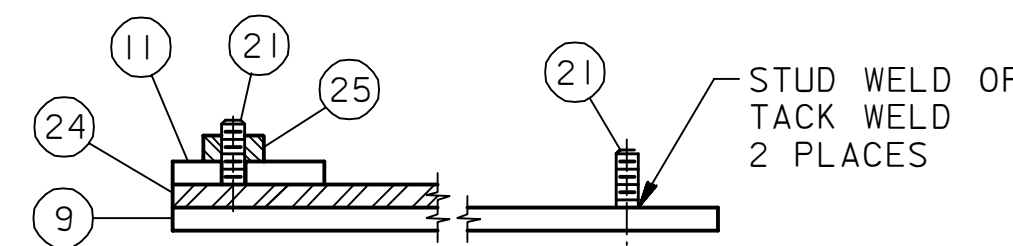
DETAIL-1



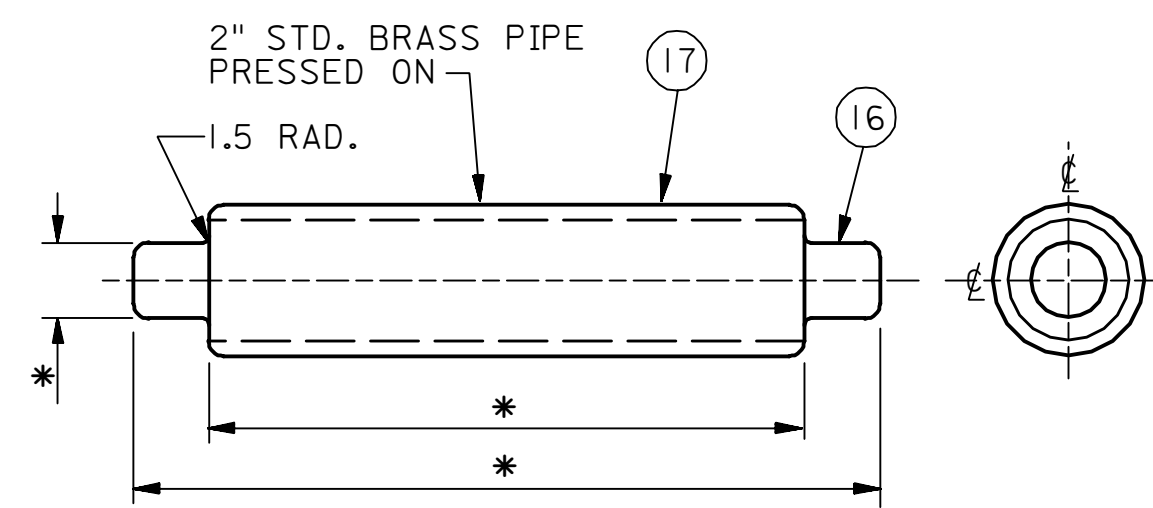
GAUGE WELL SUPPORT DETAIL
SEE NOTE 5
DETAIL-7



DETAIL OF BOTTOM
OF GAUGE WELL
SEE NOTE 6



DETAIL 8
BOLT STUD DETAIL



ELEVATION
SIDE VIEW
GUIDE ROLLER DETAIL 6
(2) REQUIRED
* SEE NOTE 1

BILL OF MATERIALS				
ITEM NO.	NO. REQ'D.	DESCRIPTION		
1	1	GAUGE HATCH S & J 5008 OR EQUAL		
2	1	PIPE SEAMLESS CARBON STL.; SCH.40 (NOTE 3)		
4	3	ANGLE; CARBON STEEL		
5	3	FLANGE: S.O. FF.; CLASS 150		
7	1	ROLLED PLATE; OR PIPE CARBON STEEL		
8	2	PLATE: CARBON STEEL		
9	1	PLATE: CARBON STEEL		
10	4	PLATE BRASS		
11	4	ROLLER BRACKETS: AS DETAILED		
13	1	BRASS BARSTOCK		
14	4	PLATE: CARBON STEEL		
15	2	ROLLER ASSEMBLY		
16	2	BAR STOCK; CARBON STEEL		
17	2	PIPE; BRASS		
18	1	PLATE: CARBON STEEL		
19	1	ROLLED PLATE BRASS		
20	8	BOLTS: W/ HEX. NUTS		
21	16	BOLTS: SQ. HD. MACH. W/ HEX. NUTS		
22	1	PLATE: CARBON STEEL		
23	2	GASKET		
24	1	SEAL: 3mm NEOPRENE		
25	8	3/8 " HEAVY HEX. NUT; CARBON STEEL		

NOTES

- DIMENSIONS NOT SHOWN TO BE DETERMINED BY TANK MANUFACTURER.
 - DIMENSIONS SHOWN ARE FOR 8" DIA. GAGE WELL. DIMENSIONS FOR LARGER SIZES TO BE DETERMINED BY TANK MANUFACTURER.
 - SIZE OF ITEM NO. 2 :
- | TANK HEIGHT (M) | MAX. TANK DIAMETER (M) | | | | |
|-----------------|------------------------|----------|----------|----------|---|
| 12.2 | 73 (8) | 148 (10) | - | - | - |
| 14.6 | 58 (8) | 100 (10) | 158 (12) | - | - |
| 17.0 | 46 (8) | 74 (10) | 112 (12) | 142 (14) | - |
| 19.5 | 39 (8) | 59 (10) | 85 (14) | 106 (14) | - |
- NUMBERS IN PARENTHESIS INDICATES REQUIRED MANUAL GAGE WELL DIAMETER (INCHES)
- GAGE WELL ASSEMBLY SHALL BE COATED IN ACCORDANCE WITH SAES-H-001.
 - GAGE WELL SUPPORT DETAILS ARE GENERAL. THE TANK MANUFACTURER IS RESPONSIBLE FOR DETAIL DESIGN.
 - ALL EDGES OF SLOTS, CUT ENDS AND INTERIOR SURFACES OF THE WELL SHALL BE DEBURRED GROUND SMOOTH AS REQUIRED.

REFERENCE DRAWINGS

DETAIL OF GAGERS PLATFORM	AE-036129
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REVISION NOTE:-
1. REDRAWN AND CONSOLIDATED SH. 1 & 2 INTOSH. 1 METRIC VERSION ONLY.

DWG. RESPONSIBILITY :
VESSEL STANDARDS COMMITTEE

REV. NO.	DATE	BY	DESCRIPTION	CHKD	CERT.	APPD.
09	MAY96	ESSD RLO	GEN. REVISION & CHANGED 'MANDATORY NOTE' TO 'DWG. RESPONSIBILITY NOTE'.			
08	09-27-86	RLO	SEE REVISION NOTE 1.			

FOR SAUDI ARABIAN OIL COMPANY

DRAWN BY: H.W. CHECKED BY: SCALE: NONE

DATE STARTED: DATE COMPLETED: 05-07-93

OPRG. DEPT. ENG. DEPT.

APP'D. FOR CONST.

THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNLESS CERTIFIED AND DATED

CERTIFIED DATE

GENERAL ASSEMBLY

OF GAUGE WELL

FOR EXTERNAL FLOATING ROOF TANKS

STD. DWG. METRIC

PLANT NO.	INDEX	DRAWING NUMBER	SHIT. NO.	REV. NO.
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