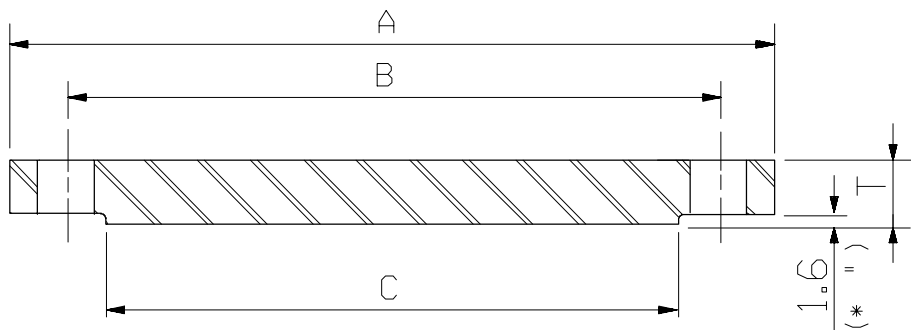
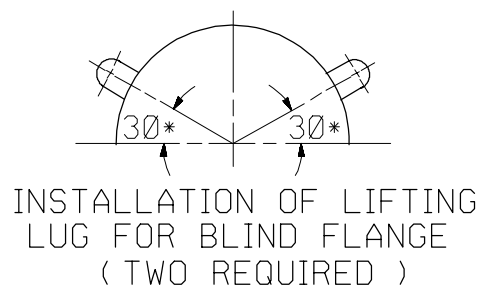
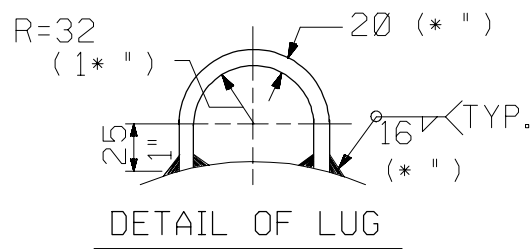




GENERAL NOTES

- 1. PRESSURE-TEMPERATURE RATINGS ARE IN ACCORDANCE WITH ASME B16.47 SERIES B.
- 2. THICKNESS "T" IS CALCULATED PER ASME CODE SECTION VIII METHOD WITH AN ALLOWABLE STRESS OF 172.4 MPA (25000 PSI). OTHER DIMENSIONS ARE IN ACCORDANCE WITH ASME B16.47 SERIES B.
- 3. MACHINING TOLERANCES SHALL CONFORM TO ASME B16.47 SERIES B.
- 4. MATERIAL TO BE IN ACCORDANCE WITH ASTM A516 GRADE 65 OR EQUIVALENT.
- 5. TWO LUGS SHALL BE PROVIDED AS SHOWN IN DETAIL.
- 6. MARK BLIND FLANGES PER MSS SP-25, AND WITH THIS DRAWING NUMBER.

REVISION NOTE - 1 :
CONSOLIDATED SHEET NOS.1 & 2 INTO SHEET NO.1
COMPLETELY REDRAWN AND REVISED.CHANGE DRAWING SIZE
FROM E TO D.

517 KPA (CLASS 75) NOMINAL RATING																	
NOM. PIPE SIZE IN.	A		B		C		T		NO. OF BOLT HOLES	BOLT HOLE DIA.		STUD BOLT SIZE				APPROX. MASS BL FLANGE	
												DIAMETER		LENGTH			
	MM.	IN.	MM.	IN.	MM.	IN.	MM.	IN.		MM.	IN.	MM.	IN.	MM.	IN.	KG.	LB.
54	1510	59*	1460	57*	1430	56*	65	2*	48	25	1	22	*	180	7	880	1940
60	1675	66	1622	63*	1590	62*	70	2*	44	28	1*	25	1	190	7*	1195	2630

05	06-11-97	MAQ	DRAWING REVISED AS PER MARK-UP			
04	07-24-96	WAS	REVISED NOTES 4 & 6.			
03	07-10-88	RLO	SEE REVISION NOTE 1.			
REV. NO.	DATE	BY	DESCRIPTION	CH'K'D	CERT.	APP'D
FOR ARABIAN AMERICAN OIL COMPANY						
DRAWN BY _____ CHECKED BY _____ SCALE: _____ NONE						
DATE STARTED _____ DATE COMPLETED _____						
OPR'G DEPT. _____ ENG DEPT. _____ ORIGINAL SIGNED _____						
THIS DRAWING IS NOT TO BE USED FOR CONSTRUCTION OR FOR ORDERING MATERIAL UNTIL CERTIFIED AND DATED				CERTIFIED DATE		
DETAIL OF 54 AND 60 INCHES BLIND FLANGES CLASS 75 API						
STD. DWG.						
PLANT NO.	INDEX	DRAWING NUMBER			SHEET NO.	REV. NO.
990	L	AD-036696			001	05