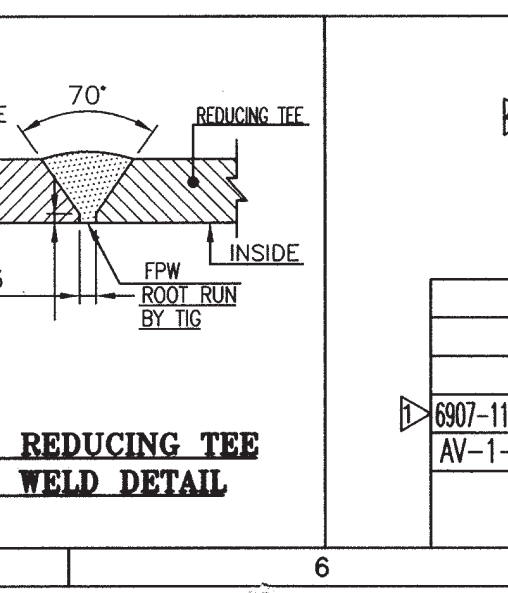
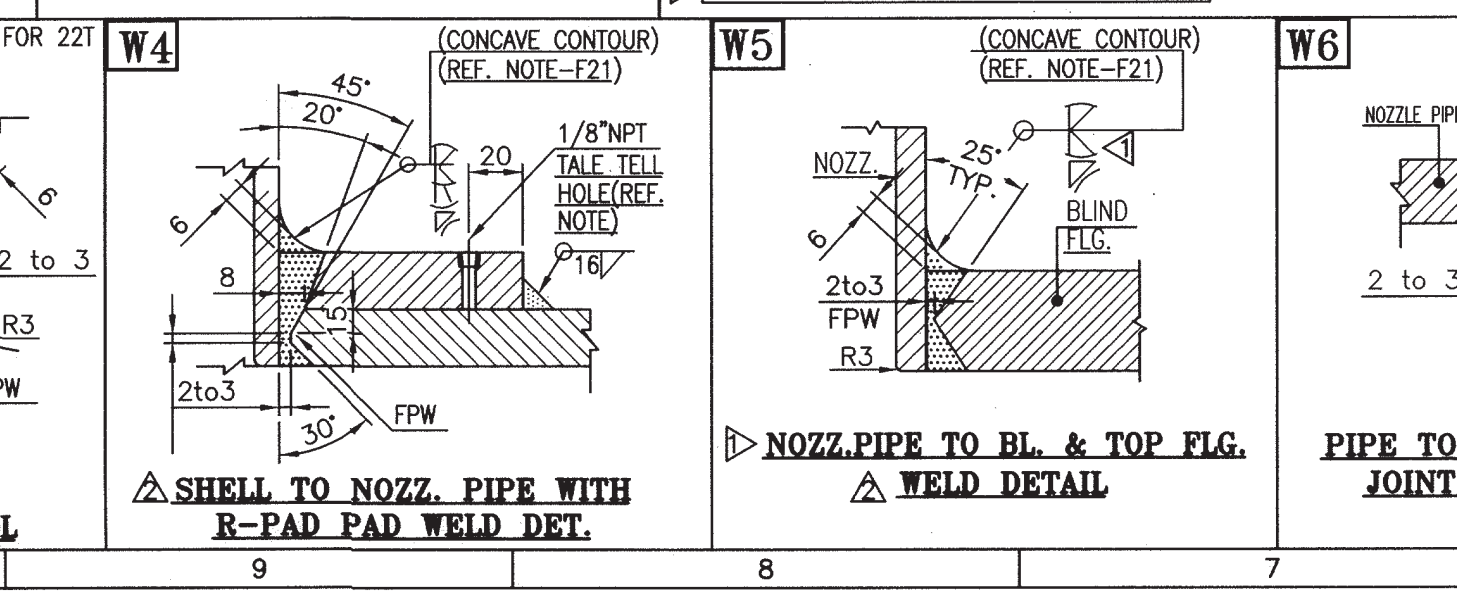
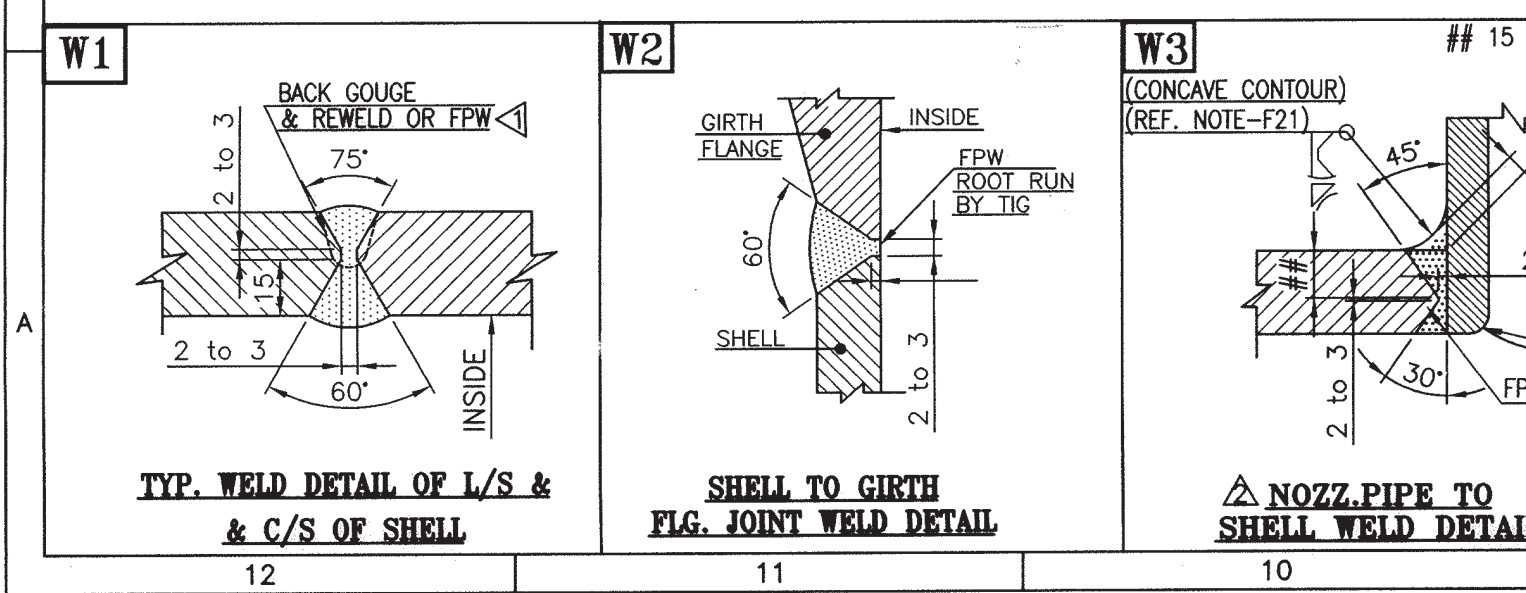




		5				6									
EIL'S SPECIFICATIONS															
SR. NO.		SPEC NO.				DESCRIPTION						REV. NO.			
1		6-12-0001				GENERAL SPEC. FOR PRESSURE VESSELS.						3			
2		6-12-0002				SUPP. SPEC. FOR CS VESSELS						5			
3		6-12-0011				STD. SPEC. FOR BQCS PLATES						5			
4		6907-0642-PT-L07				JOB SPEC. FOR SHOP & FIELD PAINTING.						0			
5		6907-7-12-0038				PIPING LOADS.						0			
SR. NO.		STD NO.				DESCRIPTION									
1		7-12-0001				VESSEL TOLERANCES						4			
2		7-12-0008				BRACKET SUPPORT FOR VERTICAL VESSEL						4			
3		7-12-0012				RETAINING PLATE						4			
4		7-12-0013				NOZZLE REINFORCEMENT AND PROJECTION						4			
5		7-12-0015				STANDARD BOLT HOLE ORIENTATION						4			
6		7-12-0025				FIRE PROOFING AND INSULATION SUPPORTS						4			
7		7-12-0026				EARTHING LUG						4			
8		7-12-0027				NAME PLATE						4			
9		7-12-0028				MANUFACTURER NAME PLATE						4			
10		7-12-0029				BRACKET FOR NAME PLATE						4			
11		7-12-0032				SUPPORT FOR INTERNAL FEED PIPE						3			
** FITTING SHALL BE MACHINED FROM SQ. BLOCK OFF FORGING.															
# REFER NOTE:-M5															
00 SPIRAL WOUND GASKET WITH SS 304 METAL WINDING AND GRAFOIL FILLER MATERIAL WITH CS O.D. & INNER RING AS PER ASME B 16.20															
-1		LIFTING LUG		02		SA 537 CL.1 #		REQD. 28T (USED 36T) x 130W x 145 Lg							
12		LIFTING LUG ASSLY.		04		SA 537 CL.1 #		6T x 40W x 190 Lg.						7	
-6		STIFFENERS		04		SA 537 CL.1 #		6T x 40W x 190 Lg.						OUT	
-2		STUD WITH 2 HEX NUT		8+2		SA 320 GR. L7 SA 194 GR. L7		5/8" UNC x 95 Lg.							
-4		GASKET		1+2		00		DN 50 x 300CL. x ASME B16.20							
-3		BLIND FLANGE		02		SA 350 GR. LF3		DN 50 x 300CL. x BLRF							
-2		NOZZ. PIPE		02		SA 350 GR. LF3		DN 50 x SCH 160 x 140 Lg.							
-1		FLANGE		02		SA 350 GR. LF3		DN 50 x SCH 160 x 300CL. x WNRF							
11		CONN.T2&T3 ASSLY.		02		SA 537 CL.1 #		6T x 40W x 190 Lg.						OUT	
-3		STIFFENERS		02		SA 537 CL.1 #		6T x 40W x 190 Lg.							
-2		NOZZ. PIPE		01		SA 350 GR. LF3		DN 50 x SCH 160 x 140 Lg.							
-1		FLANGE		01		SA 350 GR. LF3		DN 50 x SCH 160 x 300CL. x WNRF							
10		CONN.T1 ASSLY.		8+2		SA 320 GR. L7 SA 194 GR. L7		5/8" UNC x 95 Lg.							
-4		STUD WITH 2 HEX NUT		1+2		00		DN 50 x 300CL. x ASME B16.20							
-3		GASKET		01		SA 350 GR. LF3		DN 50 x 300CL. x BLRF							
-2		BLIND FLANGE		01		SA 350 GR. LF3		DN 50 x 300CL. x BLRF							
-1		FLANGE		01		SA 350 GR. LF3		DN 50 x REQD. 15.24 THK. (USED SCH160) x 300CL. x WNRF							
09		CONN. D ASSLY.		8+2		SA 320 GR. L7 SA 194 GR. L7		5/8" UNC x 95 Lg.							
-4		STUD WITH 2 HEX NUT		1+2		00		DN 50 x 300CL. x ASME B16.20							
-3		GASKET		01		SA 350 GR. LF3		DN 50 x 300CL. x BLRF							
-2		BLIND FLANGE		01		SA 350 GR. LF3		DN 50 x REQD. 15.24 THK. (USED SCH160) x 300CL. x WNRF							
-1		FLANGE		01		SA 350 GR. LF3		DN 50 x REQD. 15.24 THK. (USED SCH160) x 300CL. x WNRF							
08		CONN.V ASSLY.		02		SA 537 CL.1 #		6T x 40W x 190 Lg.						OUT	
-9		STIFFENERS		01		SA 350 GR. LF3		DN 25 x SCH XXS x 950 Lg.							
-8		NOZZ. PIPE		01		SA 350 GR. LF3		DN 25 x SCH XXS x 300CL. x WNRF							
-7		FLANGE		01		SA 350 GR. LF3		DN 25 x SCH XXS x 300CL. x WNRF							
-6		STUD WITH 2 NUT		8+2		SA 320 GR. L7 SA 194 GR. L7		5/8" UNC x 105 Lg.							
-5		GASKET		1+2		00		DN 50 x 300CL. x B16.20							
-4		BLIND FLANGE		01		SA 350 GR. LF3		DN 50 x 300CL. x BL RF							
-3		NOZZ. PIPE		01		SA 350 GR. LF3		DN 50 x SCH XXS x 135 Lg.							
-2		COVER PLATE		01		SA 537 CL.1 #		14T x 33.4 O/D							
-1		FLANGE		01		SA 350 GR. LF3		DN 50 x SCH XXS x 300CL. x WNRF							
07		CONN.U ASSLY.		04		SA 537 CL.1 #		6T x 40W x 260 Lg.						OUT	
-3		STIFFENERS		02		SA 350 GR. LF3		DN 50 x SCH 160 x 195 Lg.							
-2		NOZZ. PIPE		02		SA 350 GR. LF3		DN 50 x SCH 160 x 300CL. x WNRF							
-1		FLANGE		02		SA 350 GR. LF3		DN 50 x SCH 160 x 300CL. x WNRF							
06		CONN.L1&L2 ASSLY.		02		SA 537 CL.1 #		REQD. 22T (USED 25.4T) x 60W x 350 Lg.						OUT	
-4		STIFFENERS		01		SA 350 GR. LF3 **		DN 80 x 152.4 T x DN 50 x SCH160 x ASME B16.9							
-3		REDUCING TEE		01		SA 350 GR. LF3		DN 80 x SCH XXS x 440 Lg.							
-2		NOZZ. PIPE		01		SA 350 GR. LF3		DN 80 x SCH XXS x 300CL. x WNRF							
-1		FLANGE		01		SA 350 GR. LF3		DN 80 x SCH XXS x 300CL. x WNRF							
05		CONN.E ASSLY.		02		SA 537 CL.1 #		REQD. 22T (USED 25.4T) x 60W x 350 Lg.						OUT	
-4		STIFFENERS		01		SA 350 GR. LF3 **		DN 80 x 152.4 T x DN 50 x SCH160 x ASME B16.9							
-3		REDUCING TEE		01		SA 350 GR. LF3		DN 80 x SCH XXS x 440 Lg.							
-2		NOZZ. PIPE		01		SA 350 GR. LF3		DN 80 x SCH XXS x 300CL. x WNRF							
-1		FLANGE		01		SA 350 GR. LF3		DN 80 x SCH XXS x 300CL. x WNRF							
04		CONN.F ASSLY.		02		SA 537 CL.1 #		6T x 40W x 160 Lg.						OUT	
-6		STIFFENERS		8+2		SA 320 GR. L7 SA 194 GR. L7		5/8" UNC x 95 Lg.							
-5		STUD WITH 2HEAY HEX NUT		1+2		00		DN 50 x SCH160 x 140 Lg.							
-4		NOZZ. PIPE		01		SA 350 GR. LF3		DN 50 x 300CL. x ASME B16.20							
-3		GASKET		01		SA 350 GR. LF3		DN 50 x 300CL. x BLRF							
-2		BLIND FLANGE		01		SA 350 GR. LF3		DN 50 x SCH 160 x 300CL. x WNRF							
-1		FLANGE		01		SA 350 GR. LF3		DN 50 x SCH 160 x 300CL. x WNRF							
03		CONN.B ASSLY.		02		IS 2062 GR. B		10TH X 100W x 75 Lg.							
-4		EARTHING LUG		04		SA 537 CL.1 #		REQD. 22T (USED 25.4T) x 285W x 472 Lg.							
-3		PAD PLATE		08		SA 537 CL.1 #		REQD. 22T (USED 25.4T) x 380W x 483 Lg.							
-2		RIB PLATE		04		SA 537 CL.1 #		REQD. 22T (USED 25.4T) x 250W x 505 Lg.							
-1		BTM.PLATE		04		SA 537 CL.1 #		REQD. 22T (USED 25.4T) x 250W x 505 Lg.							
02		BRACKET SUPPORT ASSLY		32+4		SA 320 GR. L7 SA 194 GR. L7		2" UN8 x 465 Lg.							
-5		STUD WITH 2 HEX NUT		2+4		00		AS PER DETAIL							
-4		GASKET		02		SA 350 GR. LF3		AS PER DETAIL							
-3		BLIND FLANGE		02		SA 350 GR. LF3		AS PER DETAIL							
-2		GIRTH FLANGE		01		SA 350 GR. LF3		AS PER DETAIL							
-1		MAIN SHELL		01		SA 537 CL.1 #		REQD. 22T (USED 25.4T) x 4257W x 2897 Lg.						Dev. Lg.	
01		MAIN SHELL ASSLY		01		SA 537 CL.1 #		REQD. 22T (USED 25.4T) x 4257W x 2897 Lg.						Dev. Lg.	
P.NO.		DESCRIPTION				MATERIAL		SIZE							
BILL OF MATERIAL (FOR ONE ITEM ONLY)◁															
DRAWN		29/08/10				DATE		BY		V.V.S.		S.B.		DWG.	
CHECKED		31/08/10				APPROVED		N.T.S.		PROJECTION		DWG.			
SCALE		01/09/10				MADE FROM		6907-118-16-46-DS-3502		DWG.					
8-16-43-4-SK-N-037-REV-0		NOZZLE ORIENTATIONS				MANHOLD & OTHER DETAIL DRAWING		REFERENCE		DRAWINGS					
8-8207/08 SH-2 OF 2		NOZZLE ORIENTATIONS				MANHOLD & OTHER DETAIL DRAWING		REFERENCE		DRAWINGS					
DWG.NO		25				6907-118-16-46-DS-3502		DWG.							