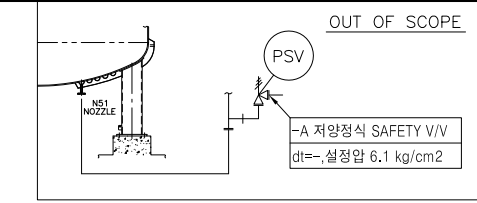
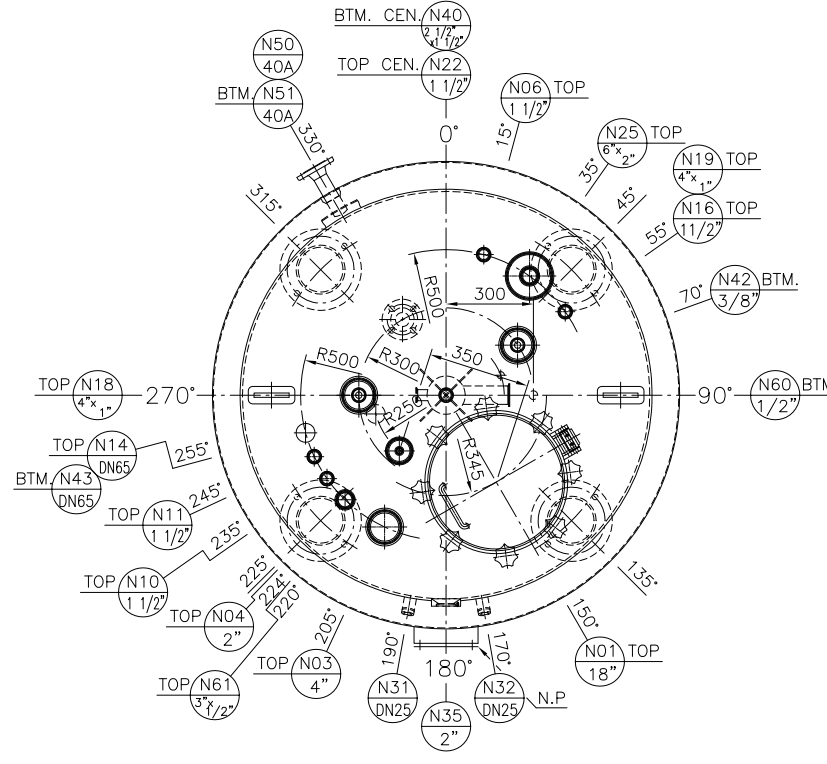


ELEVATION



DESIGN DATA

DESIGN CODE		SHELL	JACKET	TYPE	VERTICAL
FLUID				SHELL	JACKET
DESIGN PRESS.	bar(Mpa) kg/cm <sup>2</sup>			SPEC. GR.	
DESIGN TEMP.	(°C)			CORRO. ALLOW. (mm)	
OPER. PRESS.	bar(Mpa) kg/cm <sup>2</sup>			REGULATION	
OPER. TEMP.	(°C)			TYPE OF HEAD	
HYDRO. TEST PRESS.	bar(Mpa)			CAPACITY (M <sup>3</sup> )	TOTAL VOLUME
PNEUM. TEST PRESS.	bar(Mpa)			WORKING VOLUME	
SAFE. EXT. PRESS.	bar(Mpa)			WIND VELOCITY (m/SEC)	
M.D.M.T	(°C)			SEISMIC ZONE	
STRESS RELIEF				INSULATION (mm)	
JOINT EFFICIENCY (S/H)				WEIGHT EMPTY (KG)	
RADIOGRAPHY (S/H)				OPER. (KG)	
				FULL WATER (KG)	



NOZZLE ORIENTATION  
(VIEW "A"-"A")

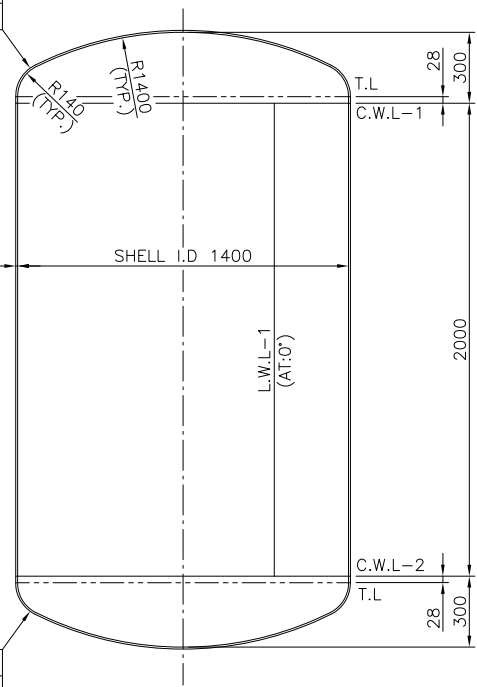
MARK	NO. REQ'D	(INCH) SIZE	SCH.	ASME RATING	TYPE & FACING	DESIGNATION	TO PROJECTION	REMARK
N61	1	3"x 1/2"	-		FERRULE			SEE DWG. -
N60	1	1 1/2"	-		NPT SOCKET			SEE DWG. -
N51	1	40A	40	KS 10K	WN,RF			SEE DWG. -
N50	1	40A	40	KS 10K	WN,RF			SEE DWG. -
N43	1	DN65	-		SPECIAL			SEE DWG. -
N42	1	3/8"	-		SPECIAL			SEE DWG. -
N40	1	2 1/2" x 1 1/2"	-		SPECIAL			SEE DWG. W/VALVE
N35	1	2"	-		NA CONNECTOR			SEE DWG. W/OUT VALVE
N32	1	DN25	-		INGOLD			SEE DWG. -
N31	1	DN25	-		INGOLD			SEE DWG. -
N25	1	6"x2"	-		FERRULE			SEE DWG. W/DIP PIPE
N22	1	1 1/2"	-		FERRULE			SEE DWG. -
N19	1	4"x1"	-		FERRULE			SEE DWG. -
N18	1	4"x1"	-		FERRULE			SEE DWG. -
N16	1	1 1/2"	-		FERRULE			SEE DWG. W/BLIND
N14	1	DN65	-		SPECIAL			SEE DWG. -
N11	1	1 1/2"	-		FERRULE			SEE DWG. -
N10	1	1 1/2"	-		FERRULE			SEE DWG. -
N06	1	1 1/2"	-		FERRULE			SEE DWG. -
N04	1	2"	-		FERRULE			SEE DWG. -
N03	1	4"	-		FERRULE			SEE DWG. -
N01	1	18"	-		SPECIAL			SEE DWG. JHP STD

NOZZLE SCHEDULE

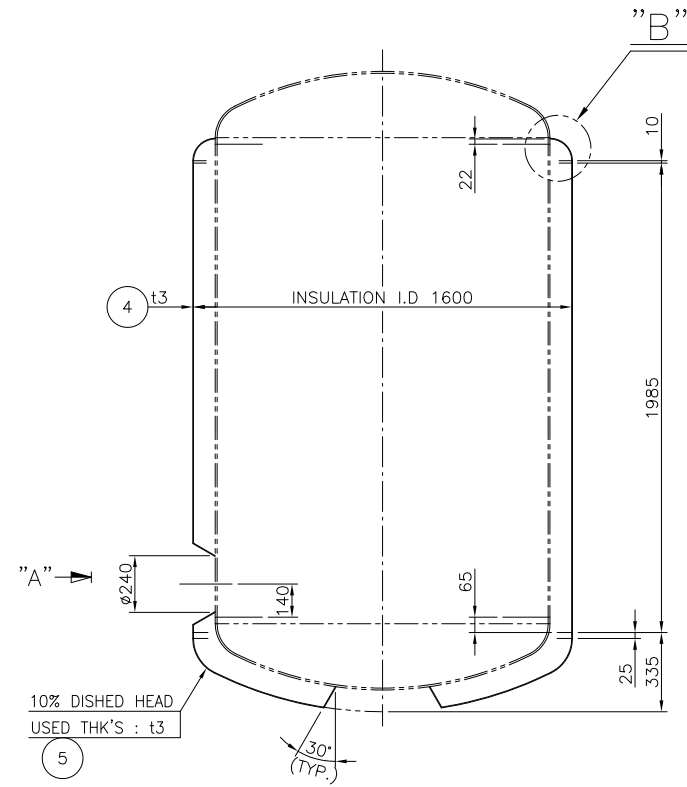
MATERIAL SPECIFICATION	NOTES
SHELL, HEAD	
INTERNAL PIPE WORK	
DIP TUBES	
MISC. WETTED PARTS	
NOZZLES / FLANGES	
JACKET (HALF COIL)	
SUPPORT LUGS / LEGS	
WELDED EXTERNAL TO THE VESSEL	
INSULATION	
GASKET	
BOLTS/ NUTS	

10% DISHED HEAD  
USED THK'S : t8  
(MIN. THK'S : t7.28  
(AFTER FORMING))

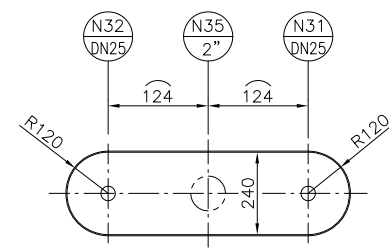
10% DISHED HEAD  
USED THK'S : t8  
(MIN. THK'S : t7.28  
(AFTER FORMING))



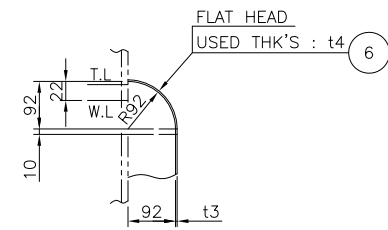
BODY



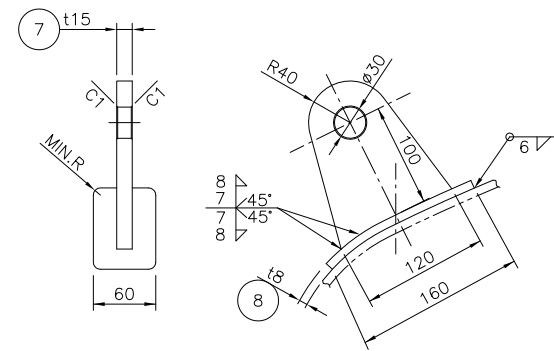
INSULATION COVER



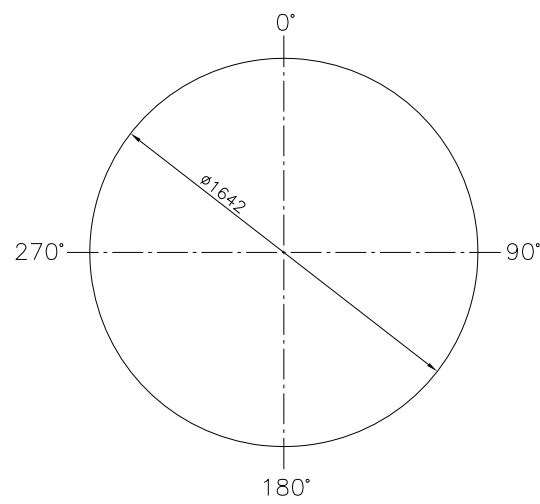
VIEW "A"



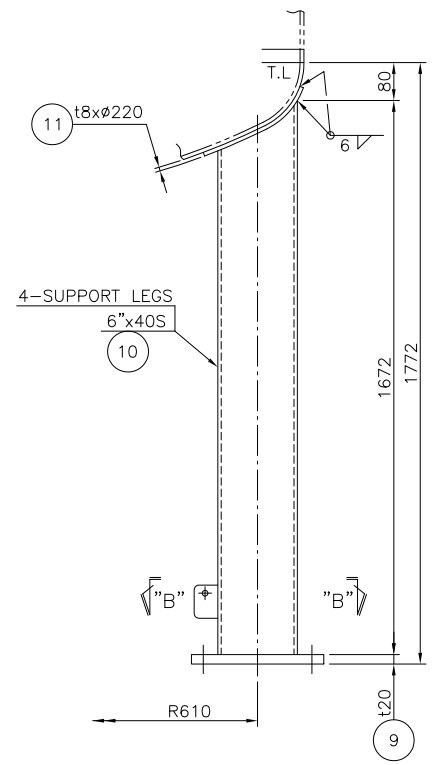
DETAIL OF "B"



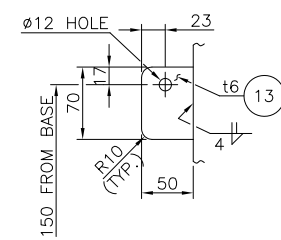
LIFTING LUG



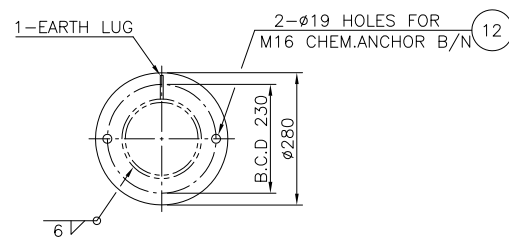
HEAD SEAM



SUPPORT LEG

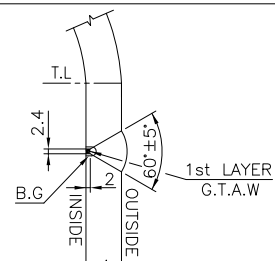


EARTH LUG

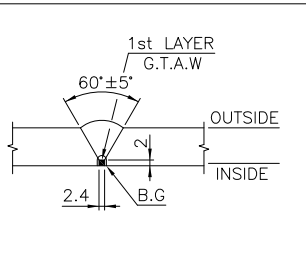


VIEW "B"- "B"

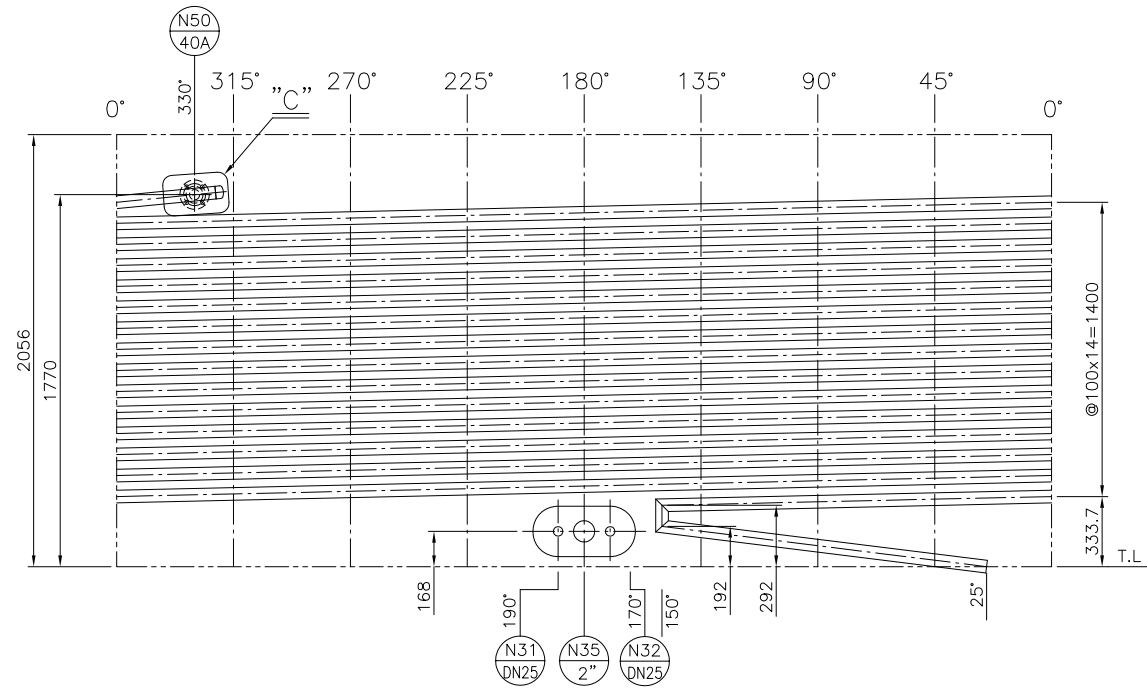
13	EARTH LUG						
12	CHEM. ANCHOR B/N						
11	REINF. PAD						
10	SUPPORT LEG						
9	BASE PLATE						
8	REINF. PAD						
7	LIFTING LUG						
6	FLAT HEAD						
5	INSULATION HEAD						
4	INSULATION SHELL						
3	HEAD (BTM.)						
2	HEAD (TOP)						
1	SHELL						
PART NO.	NAME OF PART PART CODE	MATERIAL	NO. REQ'D	SPARE	UNIT	REMARK	



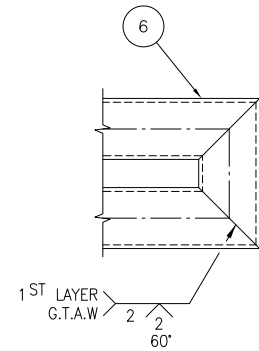
C.W.L-1,2



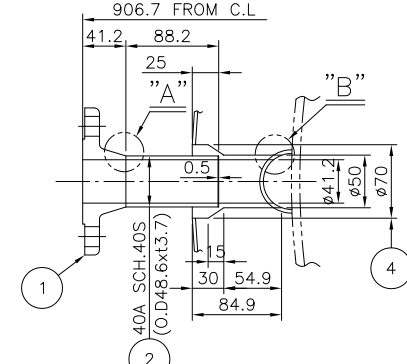
L.W.L-1



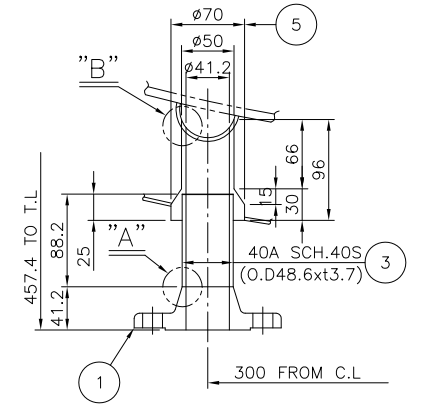
SHELL SIDE COIL DEVELOPMENT  
(OUT SIDE VIEW)



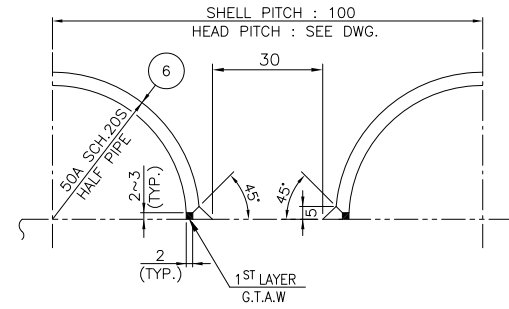
DETAIL OF CONER  
(SHELL SIDE)



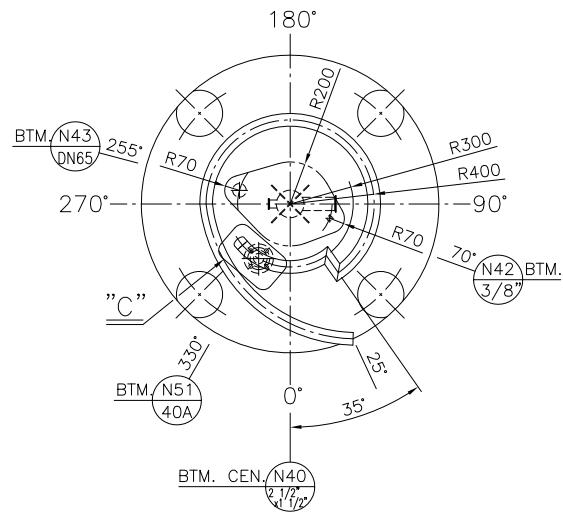
DETAIL OF N50  
40A



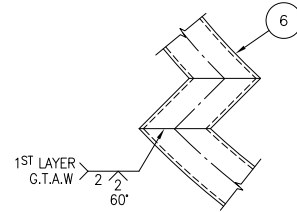
DETAIL OF N51  
40A



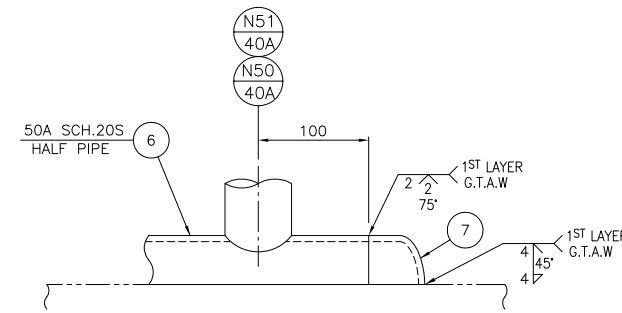
COIL TO BODY JOINT



HEAD SIDE COIL DEVELOPMENT  
(BTM. VIEW)

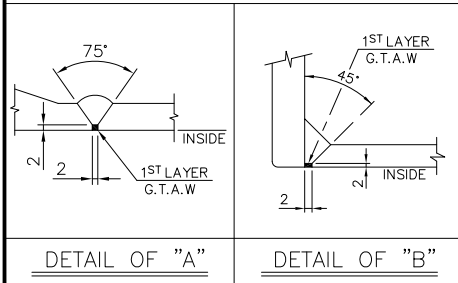


DETAIL OF CONER  
(BOTTOM SIDE)



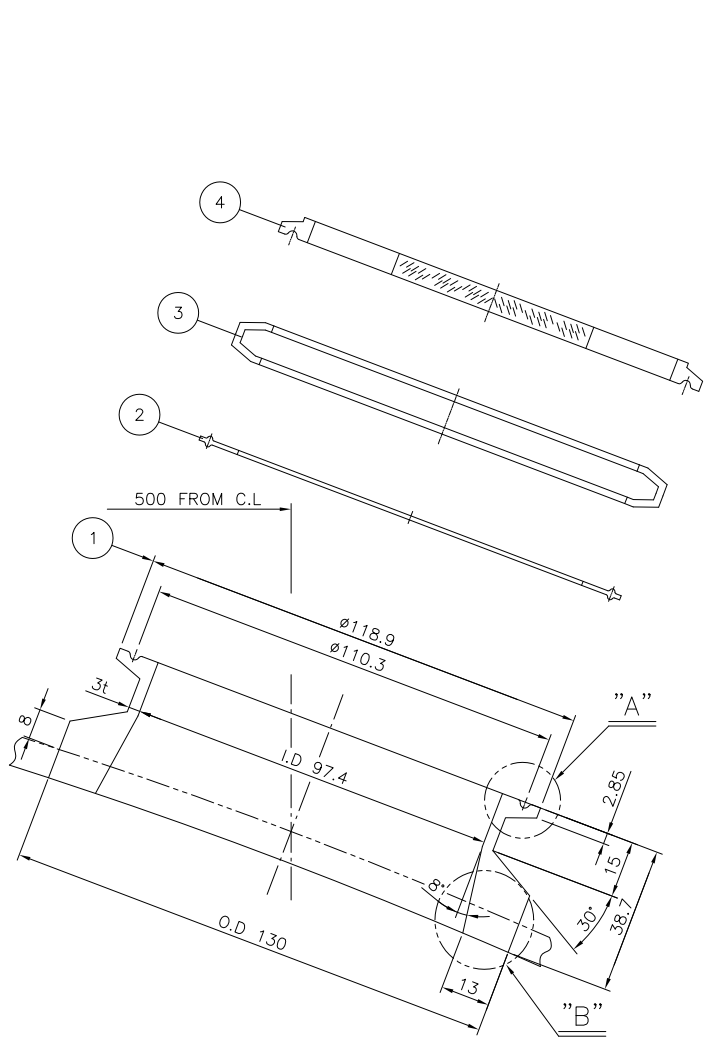
DETAIL OF "C"

PART NO.	NAME OF PART PART CODE	MATERIAL	NO. REQ'D	SPARE	UNIT	REMARK
7	PIPE CAP					
6	HALF PIPE					
5	BOSS					
4	BOSS					
3	NOZZLE NECK					
2	NOZZLE NECK					
1	FLANGE					

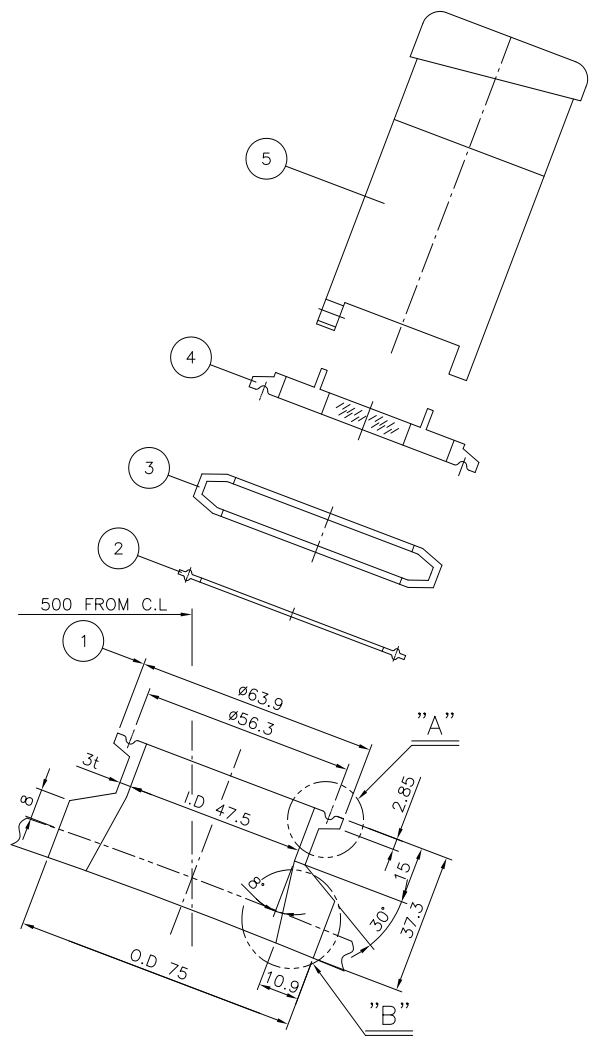


DETAIL OF "A"

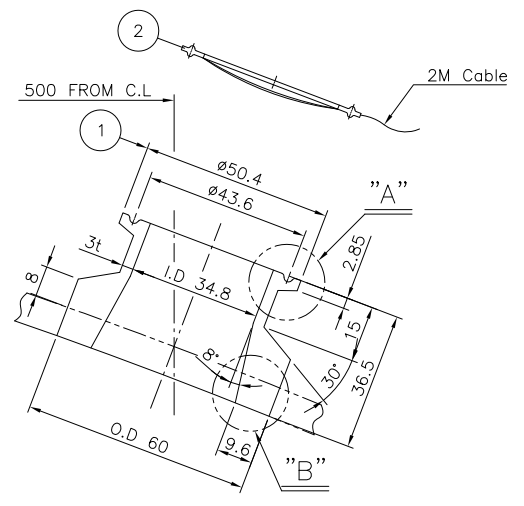
DETAIL OF "B"



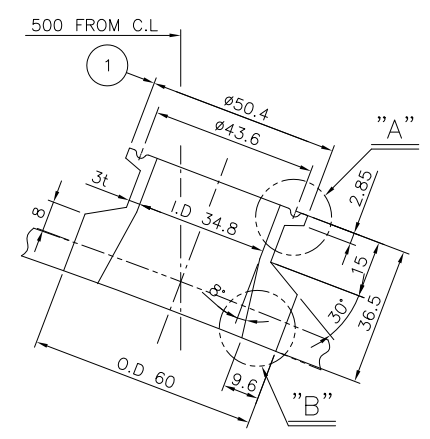
DETAIL OF  $\frac{N03}{4}$



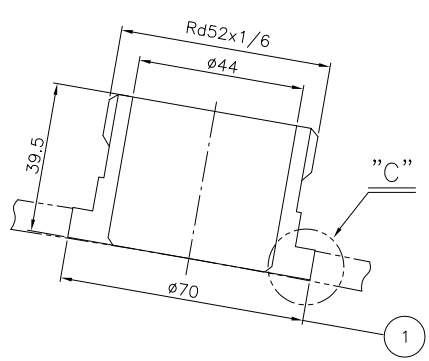
DETAIL OF  $\frac{N04}{2}$



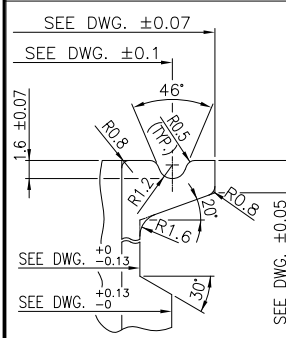
DETAIL OF  $\frac{N06}{1 \frac{1}{2}}$



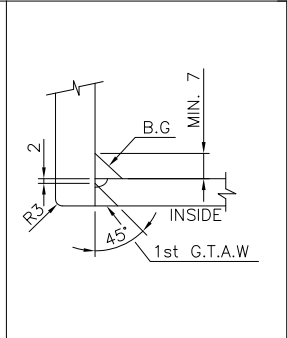
DETAIL OF  $\frac{N10}{1 \frac{1}{2}}$   $\frac{N11}{1 \frac{1}{2}}$



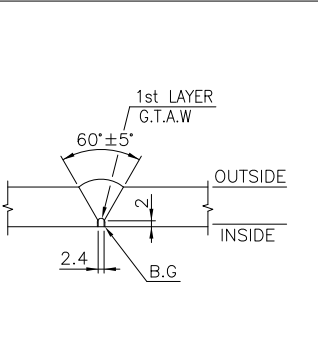
DETAIL OF  $\frac{N14}{DN65}$



DETAIL OF "A"



DETAIL OF "B"



DETAIL OF "C"

PART NO.	NAME OF PART	MATERIAL	NO. REQ'D	SPARE	UNIT	REMARK
	PART CODE					
N14	1 SPECIAL					
N11						
N10	1 FERRULE					
N06	2 RUPTURE DISK					"HOLD"
	1 FERRULE					
N04	5 LAMP					LJ STARE
	4 METAL GLAS					
	3 CLAMP					
	2 GASKET					
	1 FERRULE					
N03	4 METAL GLAS					
	3 CLAMP					
	2 GASKET					
	1 FERRULE					