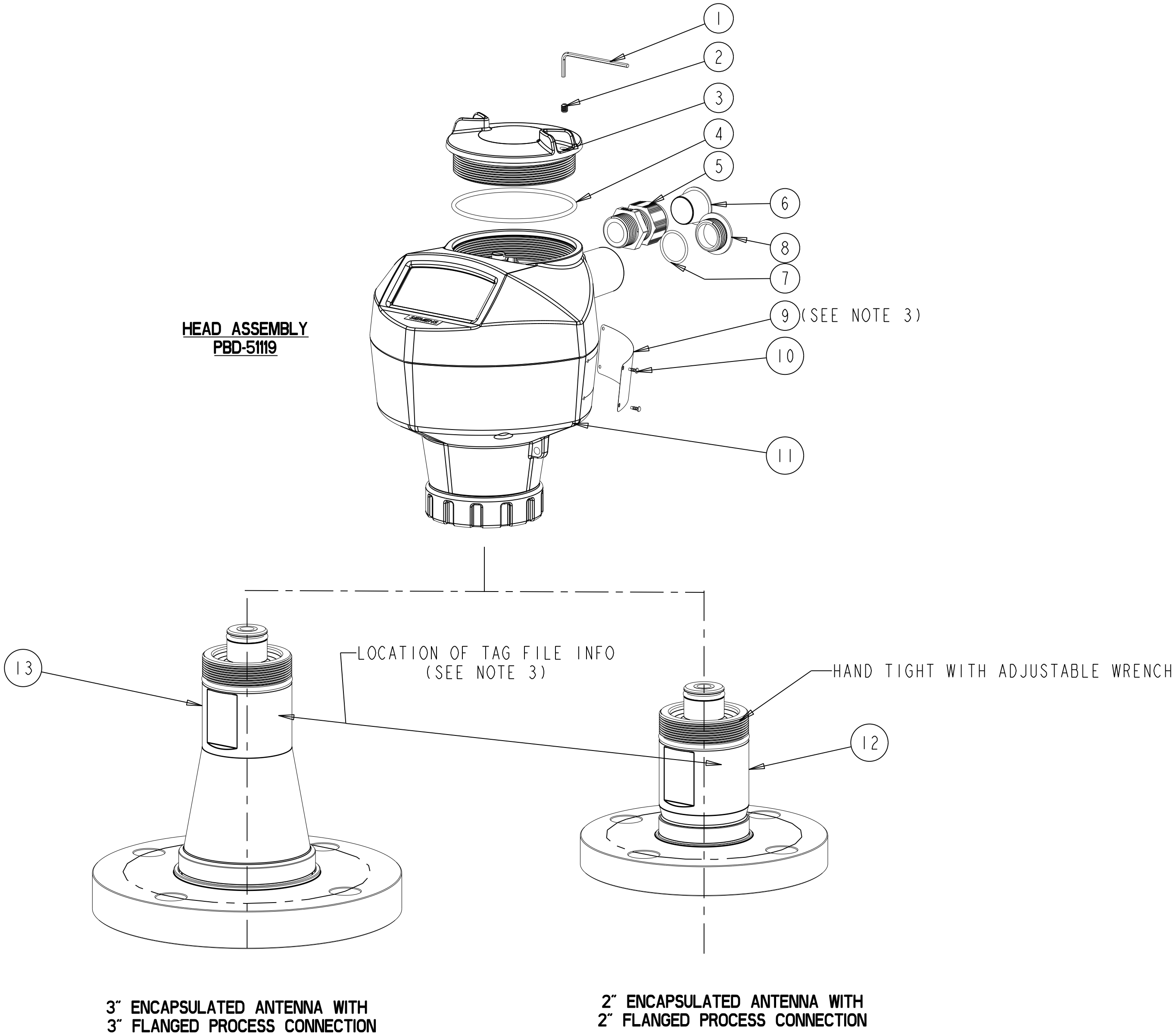
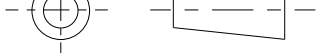




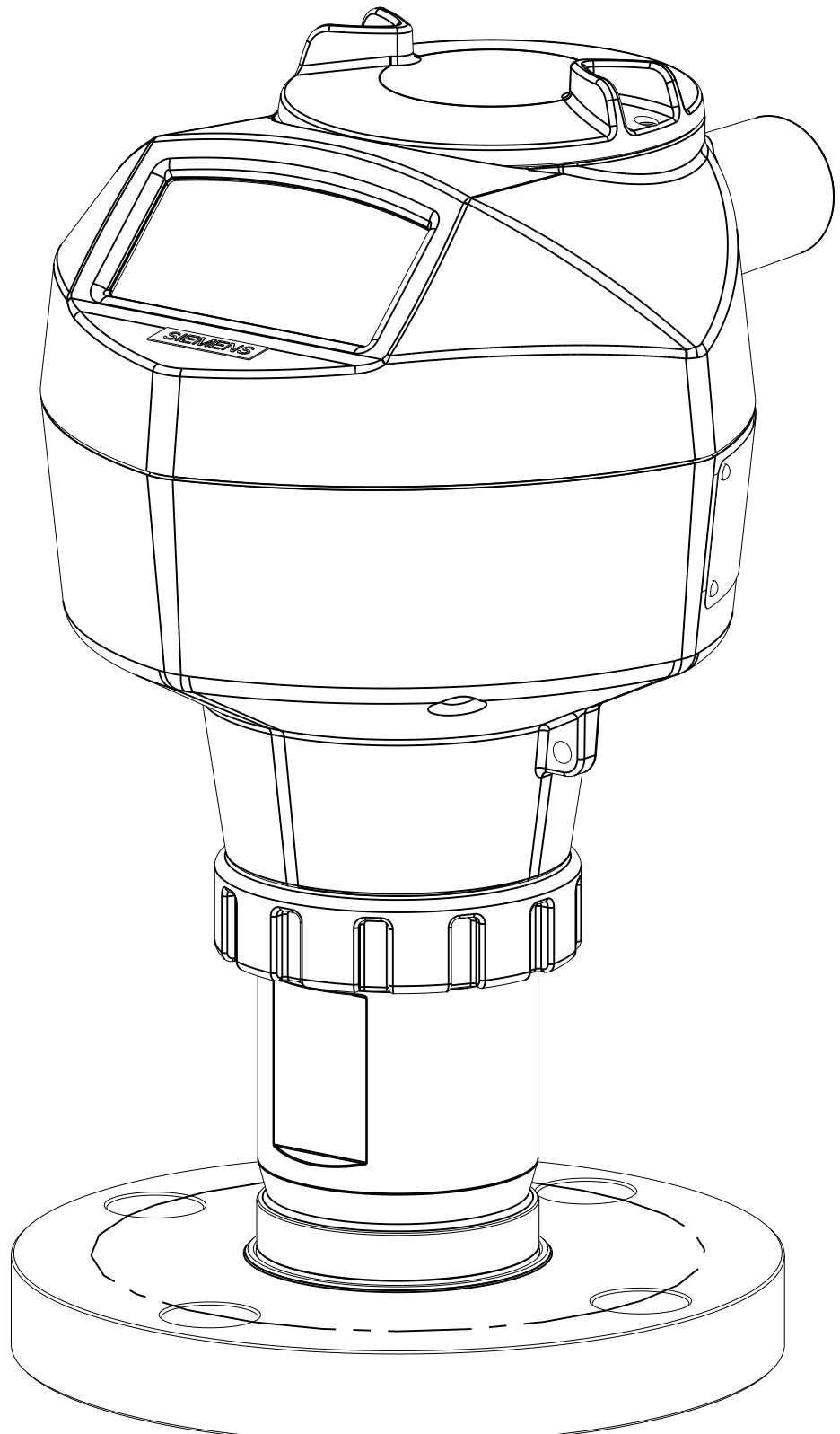
REFERENCE BILL OF MATERIAL				
ITEM	PART NUMBER	DESCRIPTION	OTHER OPTIONAL PARTS	NOTE
1	PBD-23310285	ALLEN KEY, 2MM	1	
2	PBD-32901047	SCREW, SET, M4X5 MM, HEX RECESS, SS	1	
3	PBD-22100486	LID, ALUMINUM, M75X1,5, PAINTED	1	
4	PBD-25300442	O-RING 70 X 2.5 MM, BUNA-N	1	
5	A5E00873648	ASSY, BLACK PLASTIC EEx e CABLE GLAND	1	FOR ALL APPROVALS EXCEPT IS APPROVALS
	A5E02467641	ASSY, CABLE GLAND, BLUE PLASTIC, IP68, Eex e	1	FOR IS APPROVALS ONLY
6	PBD-24700120	PLUG, PE, 1/2 NPT CTR-TAB PULL, ORANGE	1	
7	PBD-25300052	O-RING, 18 ID X 1.5 MM, BUNA-N	1	USED WITH ITEM 8 PBD-24700137 FOR M20 CONDUIT ENTRY NON EXPLOSION APPROVAL
	PBD-24150068	TAPE, TEFLON 1/2 X 480 IN	0.006	USED WITH ITEM 8 PBD-24700110 FOR 1/2NPT CONDUIT ENTRY NON EXPLOSION APPROVAL
8	PBD-24700137	PLUG, THD M20, BLACK PLASTIC	1	USED WITH ITEM 7 PBD-25300052 FOR M20 CONDUIT ENTRY NON EXPLOSION APPROVAL
	PBD-24700110	PLUG, HD POLY, 1/2 NPT, SKT DRIVE	1	USED WITH ITEM 7 PBD-24150068 FOR 1/2NPT CONDUIT ENTRY NON EXPLOSION APPROVAL
	PBD-24700111	PLUG, 1/2" NPT, SKT DRIVE, BRASS	1	USED FOR 1/2NPT CONDUIT ENTRY, EXPLOSION APPROVAL
	PBD-BA0462	BLIND PLUG M20 BRASS	1	USED FOR M20 CONDUIT ENTRY, EXPLOSION APPROVAL
9	PBD-24251309	NAMEPLATE, LR200, SS, SIEMENS	2	
10	PBD-32900003	SCREW, DRIVE, #2 X 1/8, SS	8	
11	PBD-51119	SITRANS LR250 POTTED ALUM ENCL ASSY	1	FAMILY PBD-51119
12	PBD-51303	2" ENCAPSULATED ANTENNA SUB ASSEMBLY	1	SEE FAMILY DRAWING PBD-51303A FOR ALL POSSIBLE CONFIGURATIONS
13		3" ENCAPSULATED ANTENNA SUB ASSEMBLY		
14	PBD-00050118	GREASE, SYNTHETIC W/TEFLON, 14.1 OZ TUBE	0.01	TO BE APPLIED TO ITEMS 3, 4 & ALL O-RINGS ON ITEMS 6, 12 & 13 THAT SEAL BETWEEN HEAD ASSEMBLY & PROCESS CONNECTION (PART NOT SHOWN)

NOTES:

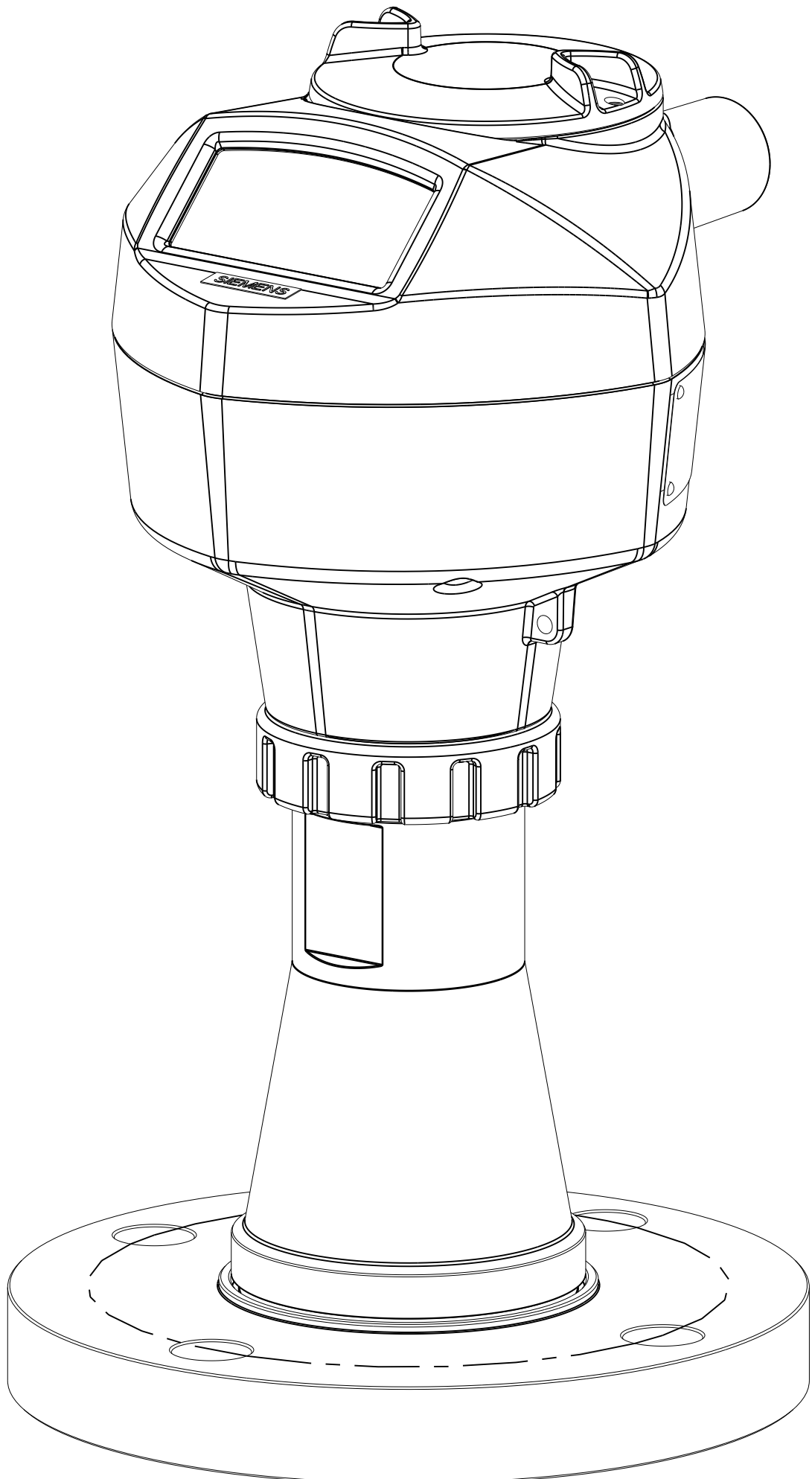
1. REFER TO RECIPE (EXCEL DOCUMENT 7ML5432B) FOR INFORMATION OF NAMEPLATE ARTWORK, PACKAGING, MANUAL (QUICK START) AND COMPLETE CONFIGURATION DETAILS.
2. COMMUNICATION OPTION 1 AND 3 CAN HAVE FOUNDATION FIELD BUS CONNECTORS. SEE MANUFACTURING RECIPE FOR MORE INFORMATION.
3. NAMEPLATE & TAG LASER INFO PER RECIPE (7ML5432B-DESIGN)
4. ADHESIVES, GREASES, LOCTITE, PRIMER AND LIKE MATERIALS OF MINIMAL VALUE & USAGE TO BE SET UP IN SAP AS BULK / NO PLANNING (UMBW) ITEMS.
5. "Z" OPTIONS ACCESSORIES AND SPARES NOT SHOWN ON DRAWING. SEE DESIGN RECIPE (7ML5432B-DESIGN)

		03	ECO# 79D06205	RC	TR	2013 JULY 16
		02	ECO# 79D06205	RC	TR	2012 DEC 21
		01	ECO# 79D06205	RC	TR	2012 JUNE 21
DIMENSIONS ARE IN MILLIMETERS		Rev	ECO/Description	Drw	Appr	Date
USE DIMENSIONS ONLY- DO NOT SCALE						
THIRD ANGLE PROJECTION 		PRODUCT GROUP: RADAR	TOLERANCES UOS	SCALE	SIZE	
DATE: 2012-06-21		DRAWN: ROBERT CHAUHARJASINGH	0 PLC DECIMAL ±0.8 1 PLC DECIMAL ±0.3 2 PLC DECIMAL ±0.10 ANGLES ±0.5°	0.8	D	
SIEMENS CANADA LIMITED		CHECKED: BALJINDER SINGH	TITLE SITRANS LR250			
SIEMENS MILLTRONICS PROCESS INSTRUMENTS		APPROVED: TED REID	25 GHZ PULSE RADAR			
PETERBOROUGH, ONTARIO CANADA		LOCATION: PETERBOROUGH	FLANGED ENCAPSULATED ANTENNA			
		RESTRICTED	DRAWING No 7ML5432-DESIGN	REV 03		
		FILE No 7ML5432A-DESIGN 03	PLOT AT 1:1	SHEET 1 OF 2		

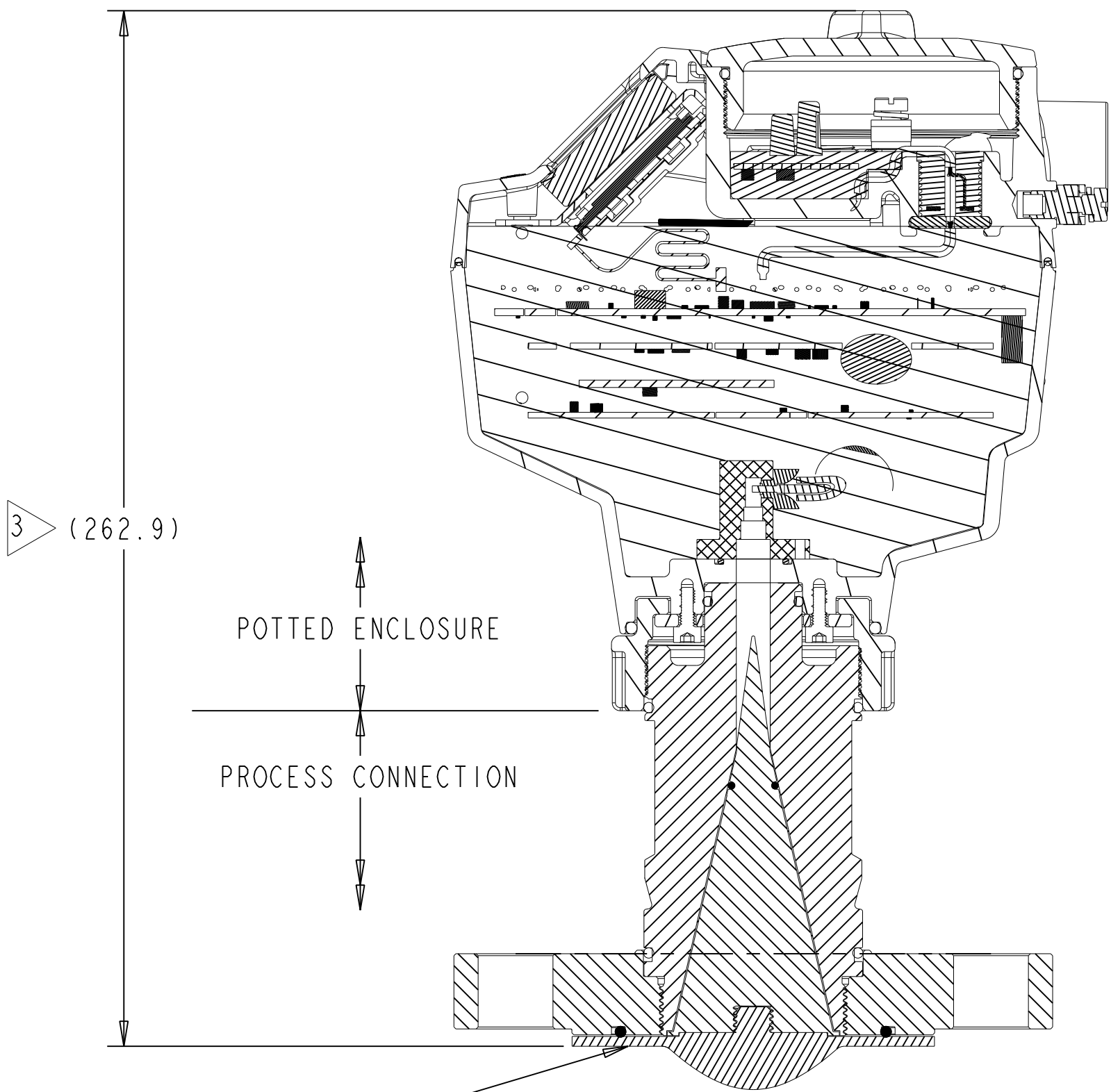
A I B I C I D I E I F I G I H I I I J I K I L I M I N I O I P I Q I R I S I T I U



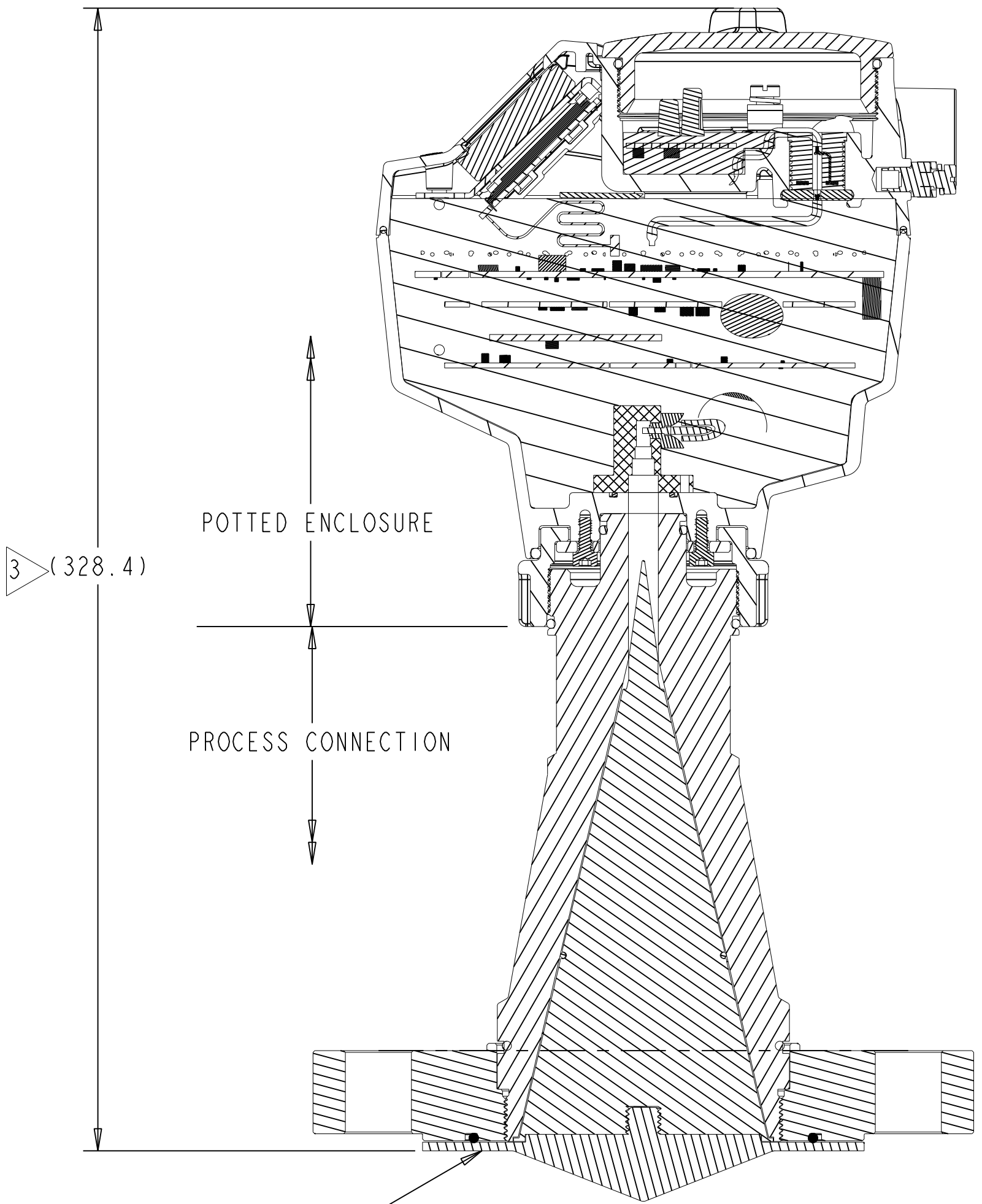
2" ENCAPSULATED ANTENNA WITH
2" FLANGED PROCESS CONNECTION



3" ENCAPSULATED ANTENNA WITH
3" FLANGED PROCESS CONNECTION



REFERENCE SURFACE FOR CALIBRATION
2" ENCAPSULATED ANTENNA WITH
2" FLANGED PROCESS CONNECTION
SECTION VIEW



REFERENCE SURFACE FOR CALIBRATION
3" ENCAPSULATED ANTENNA WITH
3" FLANGED PROCESS CONNECTION
SECTION VIEW

DIMENSIONS ARE IN MILLIMETERS		XX	SEE SHEET ONE		XX	XX	XXXX XX/XX
USE DIMENSIONS ONLY- DO NOT SCALE		Rev	ECO/Description		Drw	Appr	Date
THIRD ANGLE PROJECTION 	PRODUCT GROUP:	RADAR		TOLERANCES UOS		SCALE	SIZE
	DATE:	2012-06-21		0 PLC DECIMAL ±0.8 1 PLC DECIMAL ±0.3 2 PLC DECIMAL ±0.10 ANGLES ±0.5°		0.8	D
	DRAWN:	ROBERT CHAUHARJASINGH		TITLE		SITRANS LR250	
	CHECKED:	BALJINDER SINGH		25 GHZ PULSE RADAR		FLANGED ENCAPSULATED ANTENNA	
APPROVED:		TED REID		DRAWING No		REV	
LOCATION:		PETERBOROUGH		7ML5432-DESIGN		03	
RESTRICTED		FILE No		7ML5432A-DESIGN 03		PLOT AT 1:1	
PETERBOROUGH, ONTARIO CANADA				SHEET 2 OF 2			