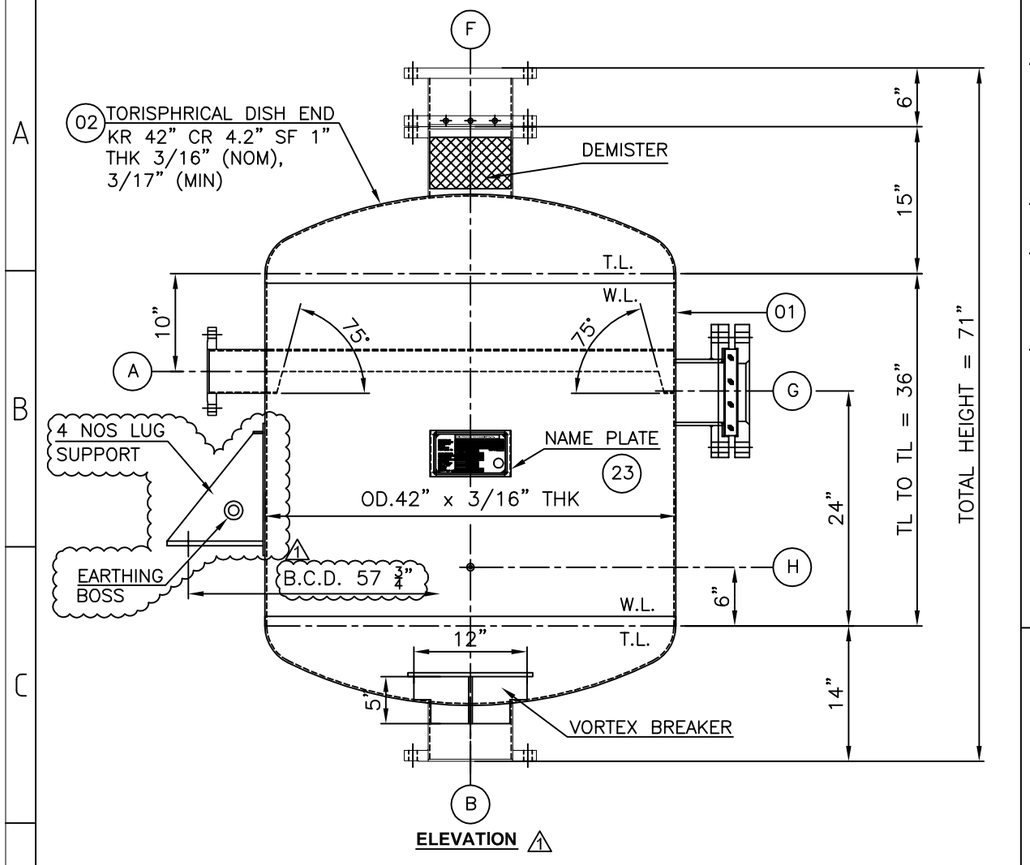
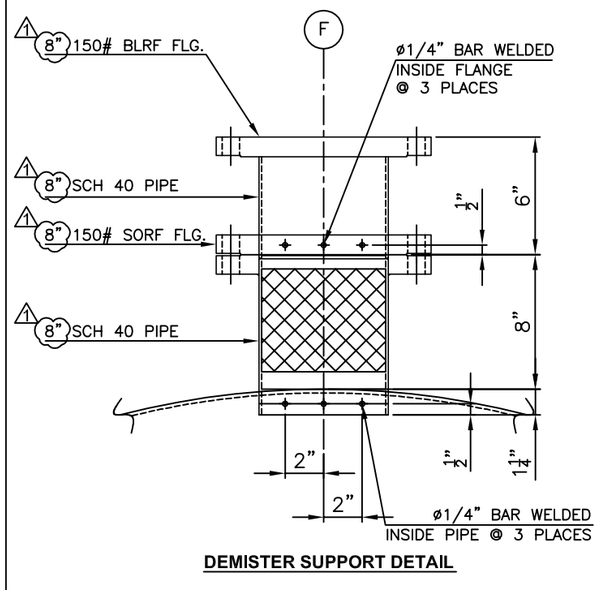
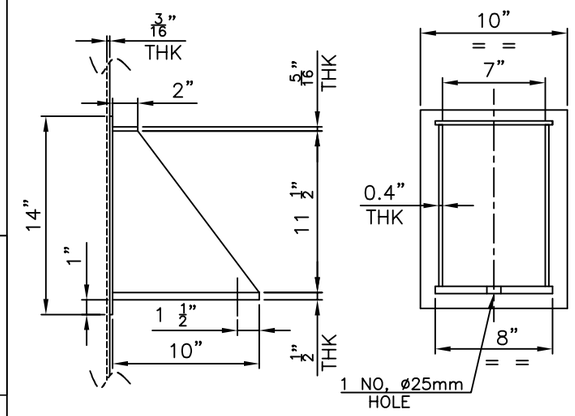


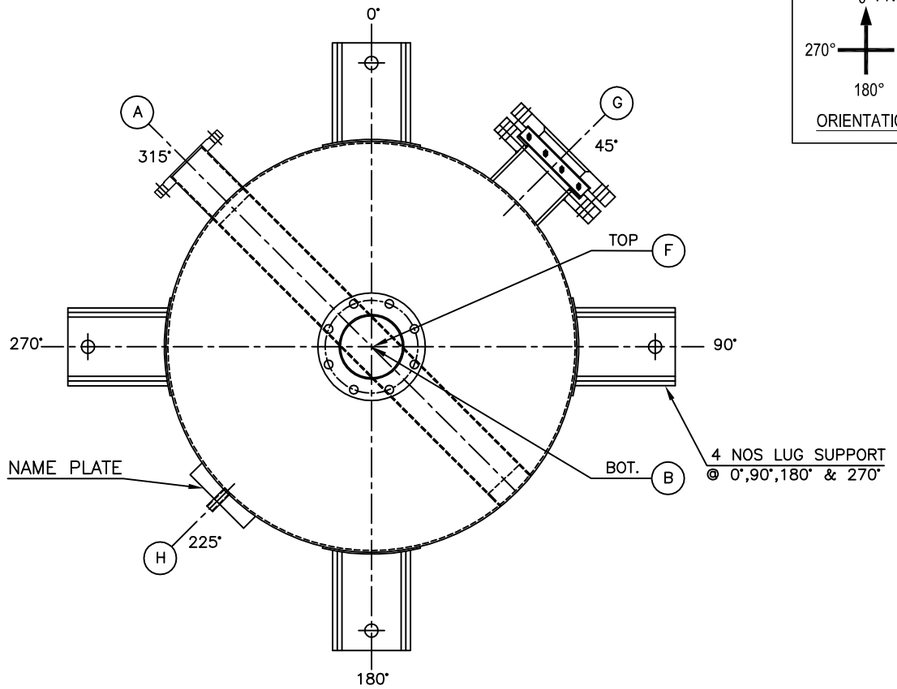
ELEVATION 1



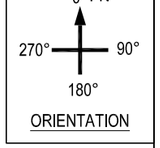
DEMISTER SUPPORT DETAIL



SUPPORT LUG DETAIL 1



NOZZLES ORIENTATION PLAN
(CLIENT TO CONFIRM) 1



NOZZLE SCHEDULE

MARK	QTY.	SERVICE	PIPE NB	PIPE SCH	FLANGE RAT.	FLANGE TYPE	STAND OUT	REMARKS
A	1	OIL INLET	4"	40	150#	SORF	27"	
B	1	OIL OUTLET	8" 1	40	150#	SORF	SEE DRG.	
C	1	LEVEL TRANSMITTER	3"	40	150#	SORF	SEE DRG.	
F	1	VENT	8"	40	150#	SORF	SEE DRG.	
G	1	SIGHT GLASS	6" 1	40	150#	SORF	--	
H	1	TEMP. TRANSMITTER	3/4"	40	3000#	NPT	SEE DRG.	

MATERIAL SPECIFICATION:-

SHELL		SA 240 GR. 304
DISHED ENDS		SA 240 GR. 304
NOZZLE FLANGES	NOZZLE NECK	SA 312 TP 304
	FLANGE <= 100 NB	SS 304
	FLANGE > 100 NB	IS 2062 GR A WITH SS304 LINER
	PAD PLATE	SA 240 GR. 304
	BOLT WITH NUT	SA 193 B7 / SA 194 2H
	GASKET	GARILOCK 3000 OR EQUIVALENT
MISC. INTERNALS		SA 240 GR. 304
LEG SUPPORT		IS 2062 GR. A

DESIGN DATA :-

DESIGN CODE - GEP / ASME SECTION VIII DIV.1

OPERATING PRESSURE (psig)	14.9 1
DESIGN PRESSURE (psig)	14.9 / F.V.
OPERATING TEMPERATURE °F	450
DESIGN TEMPERATURE °F	700
TEST PRESSURE (psig)	19.3 1
CORROSION ALLOWANCE.MM	1/16" FOR C.S. PARTS
JOINT EFFICENCY SHELL/END	0.85/0.85
RADIOGRAPHY	SHELL-SPOT+T, HEAD-SPOT+T

GENERAL NOTES:-

1. ALL DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED.
2. ALL DISTANCE TO BE MAINTAINED W.R.T. CENTER LINE/BASE LINE/T.L. OF EQUIPMENT.
3. ALL BOLT HOLES TO STRADDLE THE PRINCIPAL AXIS OF EQUIPMENT.
4. 1/8" TELE-TALE HOLES TO BE PROVIDED FOR ALL LINER & REINFORCEMENT PADS. THESE HOLES SHALL BE TESTED PNEUMATICALLY. AT 1.5 KG/CM ^{2} (g) PRESSURE USING SOAP SOLUTION.
5. NOZZLES WITHOUT BLIND FLANGES SHALL BE SUITABLY COVERED WITH WOOD/METAL COVER BEFORE DISPATCH.
6. ALL VERTICAL NOZZLE FLANGE FACES TO BE PARALLEL TO GROUND LEVEL & HORIZANTAL NOZZLE FLANGE FACES 90° TO GROUND LEVEL, UNLESS OTHERWISE SPECIFIED.
7. ALL FLANGES DIM. TO ANSI B16.5 #150, WITHOUT HUB, UNLESS OTHERWISE SPECIFIED.
8. ALL GASKETING SURFACE TO BE SERRATED FINISHED.
9. ALL TUBE HOLES SHALL BE REAMED
10. NOZZLE STANDOUT ON SHELL IS REFRRED FROM THE CENTER LINE TO FLANGE FACE AND ON DISHED END IT IS REFERED FRON WELD LINE.
11. ALL NOZZLE ABOVE 80NB TO BE REINFORCED WITH PAD.
12. ALL NOZZLE BELOW 40NB TO BE STIFFENED WITH TWO CLEATS.

REV	DESCRIPTION	DRN BY	CHD BY	APPD BY	DATE
01	REVISED AS PER CLIENT COMMENT	SHAHAJI	PNB	MVR	07.07.14
00	ISSUED FOR APPORVAL	GANESH	PNB	MVR	01.07.14

CLIENT :	REFERENCE DWG. NO :
SERVICE :	MATERIAL : SS 304 / IS 2062 GR. A
EQUIPMENT TAG : V-212,V-213,V-410	QTY : 03
PRODUCT CODE :	IF IN DOUBT ASK

FENIX

TITLE :

GA DRAWING FOR RELIEF VESSEL

DRAWING NO.	REV	SCALE
390295.08.15C	01	NTS
SHEET NO. 1 OF 1		SIZE A3

FENIX PROCESS TECHNOLOGIES, PUNE - 411 004