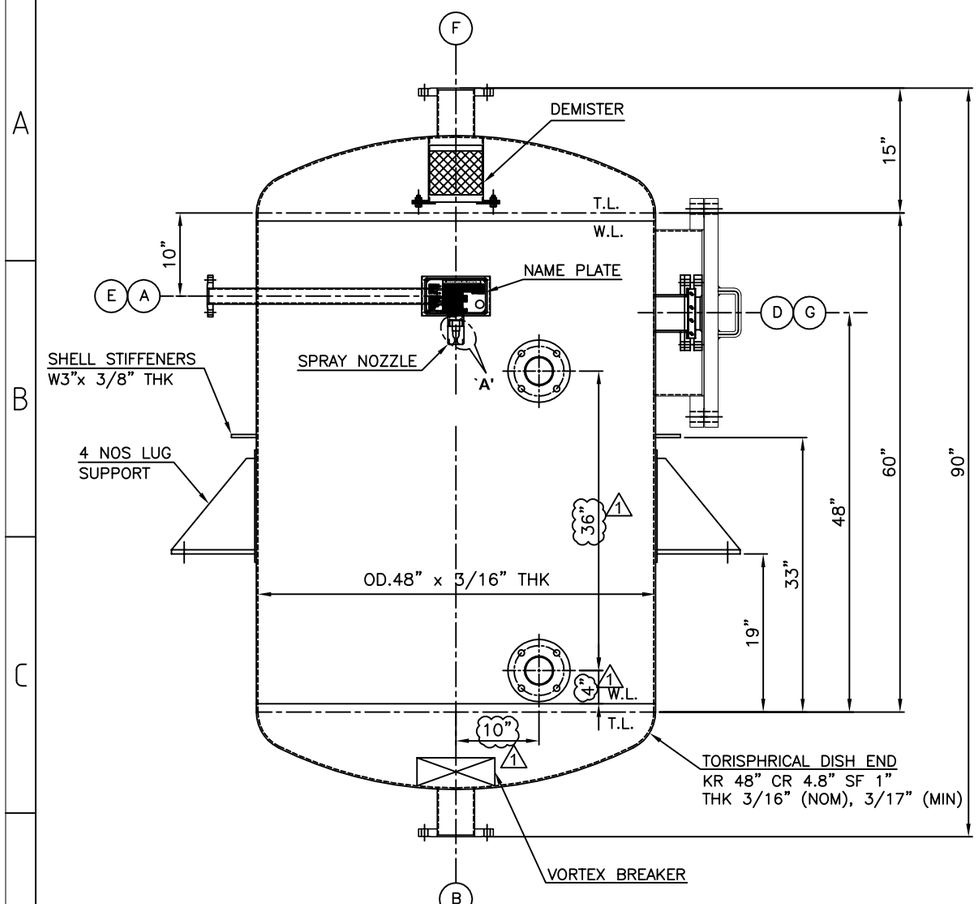
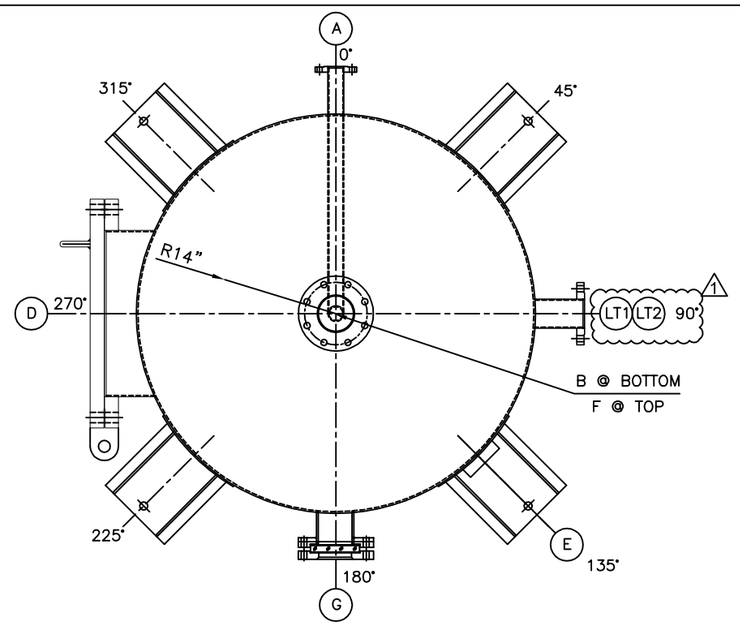
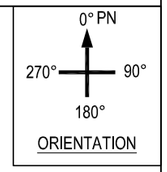


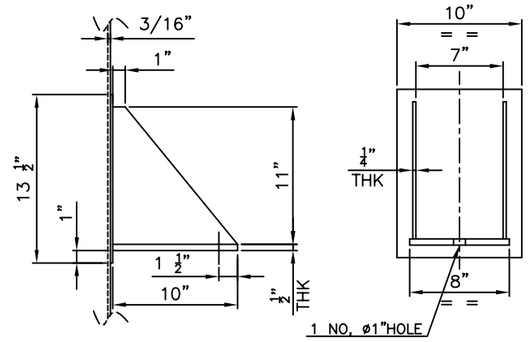
ELEVATION 1



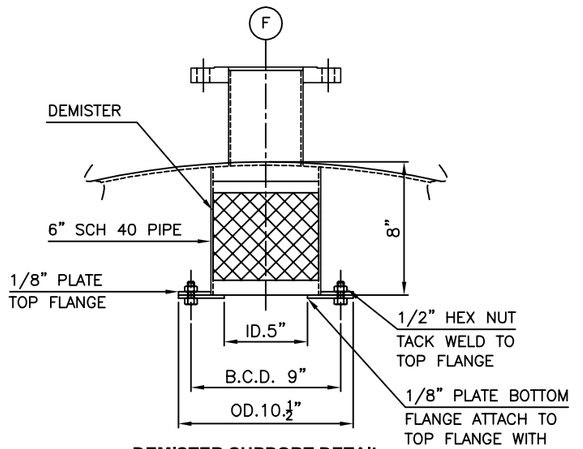
NOZZLES ORIENTATION PLAN 1



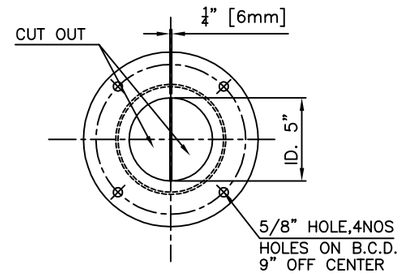
ORIENTATION



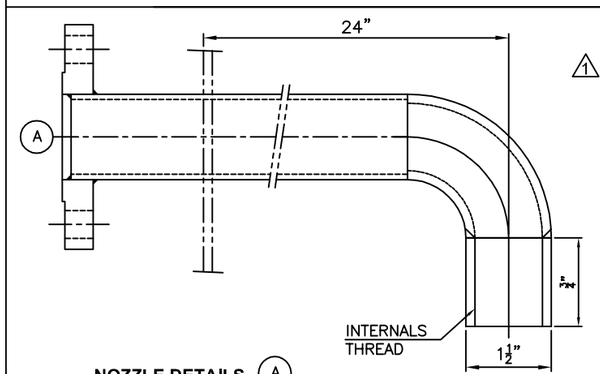
SUPPORT LUG DETAIL



DEMISTER SUPPORT DETAIL



DEMISTER BOTTOM FLANGE



NOZZLE DETAILS A

NOZZLE SCHEDULE

MARK	QTY.	SERVICE	PIPE NB	PIPE SCH	FLANGE RAT.	FLANGE TYPE	STAND OUT	REMARKS
A	1	FEED IN	1 1/2"	40	150#	SORF	30"	
B	1	LIQUID OUT	4"	40	150#	SORF	SEE DRG.	
D	1	BOLTED MANWAY	24"	40	150#	SORF	30"	WITH COVER
E	1	NAME PLATE	--	40	150#	SORF	30"	
F	1	VENT	4"	40	150#	SORF	SEE DRG.	
G	1	SIGHT GLASS	4"	40	150#	SORF	30"	
LT1&2	2	LEVEL TRANSMITTER	3"	40	150#	SORF	30"	

1

MATERIAL SPECIFICATION:-

SHELL		IS 2062 GR. A
DISHED ENDS		IS 2062 GR. A
NOZZLE FLANGES	NOZZLE NECK	IS 1239 / IS 3589
	FLANGE <= 100 NB	IS 2062 GR. A
	FLANGE > 100 NB	IS 2062 GR A
	PAD PLATE	IS 2062 GR. A
	BOLT WITH NUT	SA 193 B7 / SA 194 2H
	GASKET	GARILOCK 3000 OR EQUIVALENT
MISC. INTERNALS		IS 2062 GR. A
MISC. EXTERNALS		IS 2062 GR. A

DESIGN DATA :-

DESIGN CODE - GEP / ASME SECTION VIII DIV.1

OPERATING PRESSURE (psig)	14.7/F.V. 1
DESIGN PRESSURE (psig)	14.7/ F.V.
OPERATING TEMPERATURE °C	250
DESIGN TEMPERATURE °C	300
TEST PRESSURE (psig)	19.37
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	04.07.14
00	ISSUED FOR APPORVAL	GANESH	PNB	MVR	30.06.14

CLIENT :	REFERENCE DWG. NO :
SERVICE :	MATERIAL : IS 2062 GR. B
EQUIPMENT TAG : V-506	QTY : 01
PRODUCT CODE :	IF IN DOUBT ASK

FENIX

TITLE :

GA DRAWING FOR ME FLASH VESSEL

DRAWING NO.	REV	SCALE
390295.08.13C	01	NTS
SHEET NO. 1 OF 1		SIZE A3

FENIX PROCESS TECHNOLOGIES, PUNE - 411 004