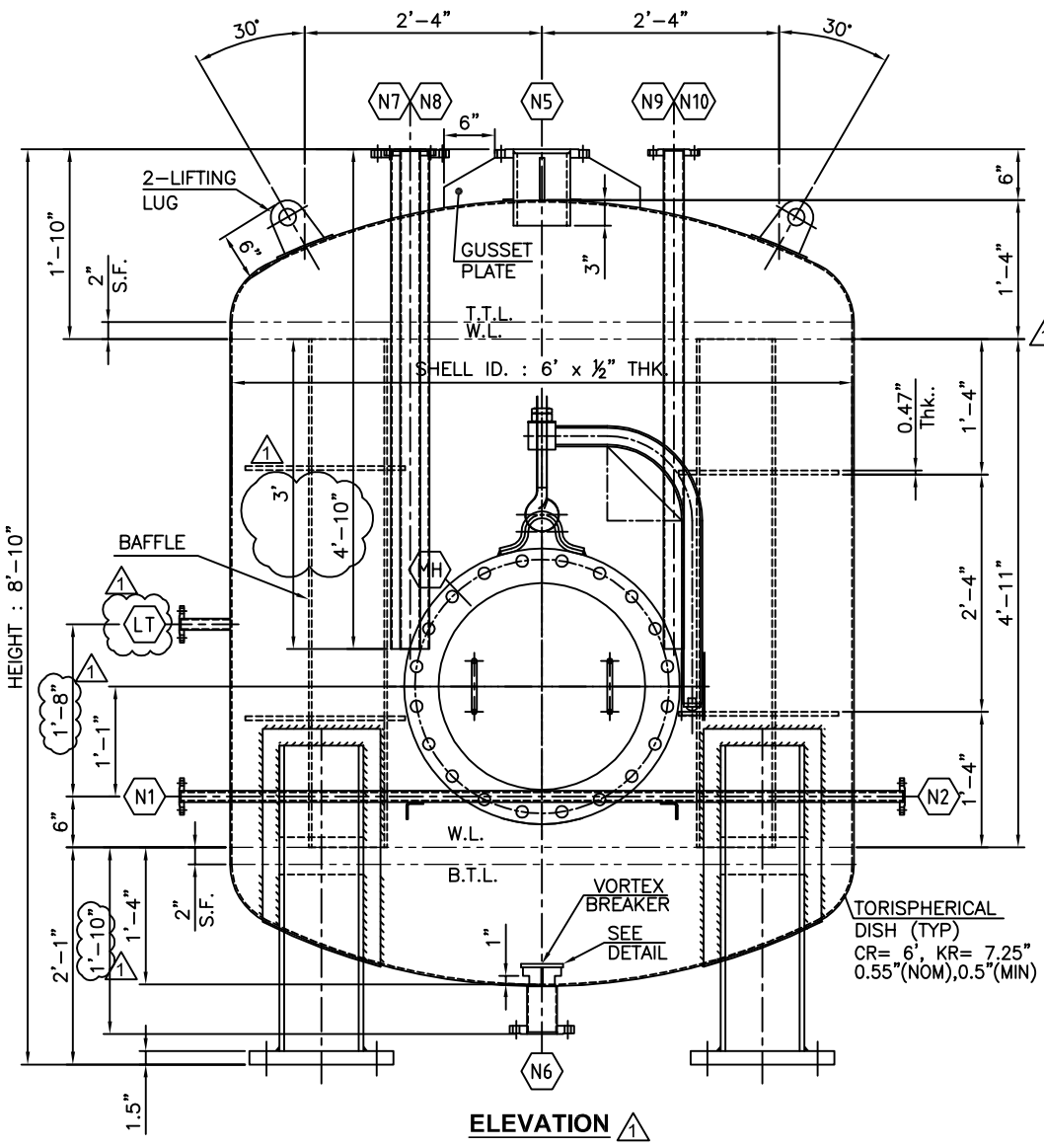
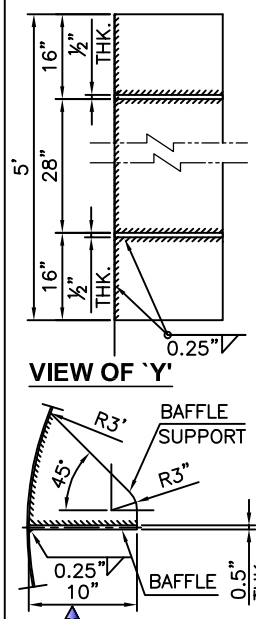
NOZZLE CONNECTIONS:-△1

NOZZLE MARK	SERVICE	QTY.	SIZE NB.	NOZ. SCH./THK	FLANGE	RATING	STAND OUT	REMARKS
N1	STEAM INLET	1	1"	SCH.80	SORF	#150	3'-6.5"	SEAMLESS
N2	STEAM OUTLET	1	1"	SCH.80	SORF	#150	3'-6.5"	SEAMLESS
N5	VENT	1	6"	SCH.80	SORF	#150	--	SEE DWG.
N6	DRAIN	1	3"	SCH.80	SORF	#150	3'-6.5"	SEE DWG.
N7	PROCESS NOZZLE	1△1	4"	SCH.80	SORF	#150	--	SEE DWG.
N8	PROSESS INLET	1	2"	SCH.80	SORF	#150	--	SEE DWG.
N9	PROSESS INLET	1	2"	SCH.80	SORF	#150	--	SEE DWG.
N10	PROSESS INLET	1	2"	SCH.80	SORF	#150	--	SEE DWG.
MH	MANHOLE(WITH DAVIT)	1	24"	0.31" THK	SORF	#150	--	SEE DWG.
△1 LT	LEVEL TRANSMITTER	1	1"	SCH.80	SORF	#150	3'-6.5"	SEE DWG.



ELEVATION △1

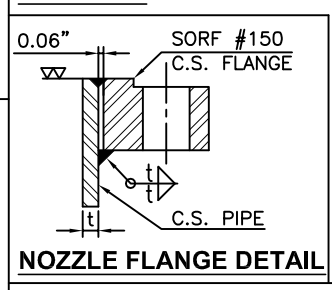


VIEW OF `Y'

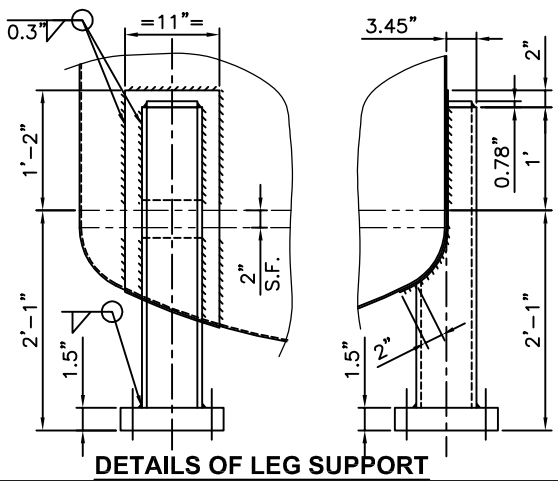
DETAIL `X'

VORTEX BREAKER	SS304
COIL FOR STEAM	SA312 TP304 SEAMLESS
BAFFLE & BAFFLE SUPPORT	SS304
NAME PLATE BRACKET & NAME PLATE	SS304
STIFFENER FOR NOZ.	SS304
NOZZLE FLANGE	SS304
NOZZLE PIPES	SA312TP304
LEG SUPPORT	IS 2062
LIFTING LUG	IS 2062
PAD PLATE	SS304
GASKET	ASBESTOS FREE
DISH END	SS304
SHELL	SS304
MATERIAL OF CONST.	

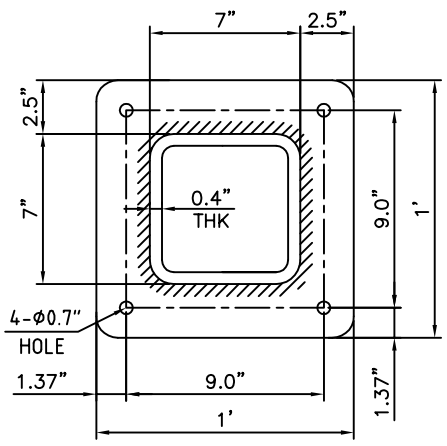
DESIGN DATA :-	
ASME SECTION VIII DIV.1 / G.E.P.	
OP. PRESSURE psi (g)	14.9
DESIGN PRESSURE psi (g)	14.9
TEST PRESSURE, psi (g)	19.37
OPER/DESIGN TEMP., F	120/150
RADIOGRAPHY SHELL/ENDS	SPOT/SPOT
JOINT EFFICENCY SHELL/HEAD	0.85/0.85
CORROSION ALLOWANCE.MM	NIL



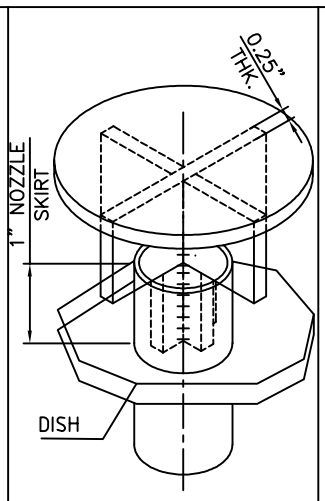
NOZZLE FLANGE DETAIL



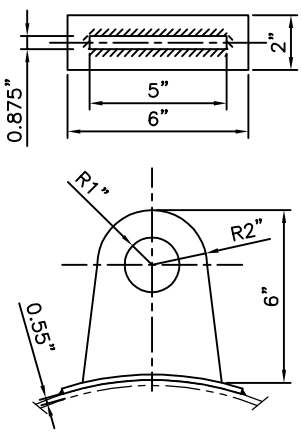
DETAILS OF LEG SUPPORT



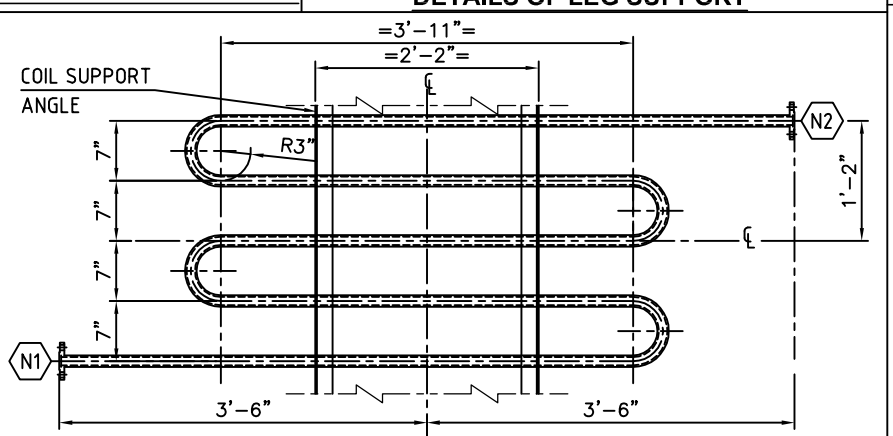
DETAILS OF LEG SUPPORT BASE PLATE



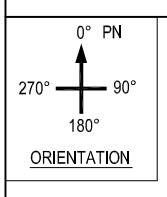
DETAILS OF VORTEX BREAKER



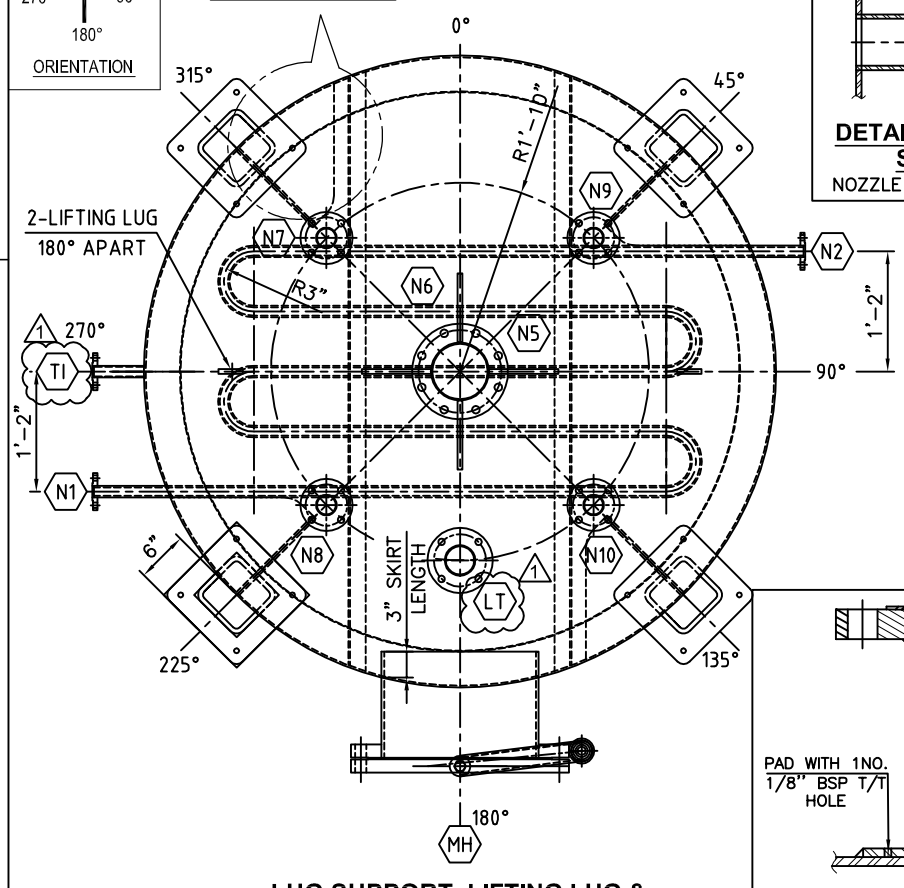
DETAILS OF LIFTING LUG SUPPORT



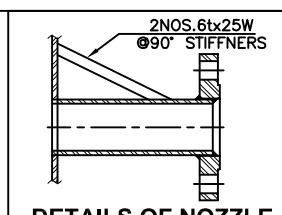
DETAILS OF STEAM COIL



SEE DETAIL `X'

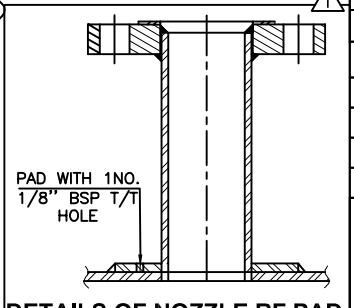


LUG SUPPORT, LIFTING LUG & NOZZLE ORIENTATION PLAN △1



DETAILS OF NOZZLE STIFFENER

NOZZLE UPTO 1 1/2""NB



DETAILS OF NOZZLE RF PAD

NOZZLE ABOVE 4" NB

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. NOZZLE STANDOUT ON SHELL IS REFRRED FROM THE CENTER LINE TO FLANGE FACE AND ON DISHED END IT IS REFERED FROM WELD LINE
10. ALL NOZZLE ABOVE 100NB TO BE REINFORCED WITH PAD.
11. ALL NOZZLE BELOW 40NB TO BE STIFFENED WITH TWO STIFFENER AT 90° APART.
12. VESSEL SHOULD BE PAINTED WITH TWO QUOTES OF WHITE / GRAY PRIMER
13. ALL NOZZLES SHOULD HAVE EXTENDED PORTION INSIDE THE SHELL (SKIRT PAD) FOR STIFFENING
14. PLEASE MAKE SURE THE WORKMANSHIP IS EXCEPTIONAL AND THE PAINT JOB ON C.S. IS GOOD.
15. PLEASE NO DAMAGES TO THE VESSEL IN SHIPPING.

REV	DESCRIPTION	DRN BY	CHD BY	APPD BY	DATE
01	REVISED AS PER CLIENT COMMENT	SHAHAJI	PNB	MVR	04.07.14
00	ISSUED FOR APPROVAL	SHAHAJI	PNB	MVR	01.07.14

CLIENT :	REFERENCE DWG. NO :
SERVICE :	MATERIAL : SS 304 / IS 2062 GR. A
EQUIPMENT TAG : T-202,T-206,T-302,T-306,T-401,T-501	QTY : 6
PRODUCT CODE :	IF IN DOUBT ASK

TITLE :	DRAWING NO.	REV	SCALE
DAY TANK	390295.01.09C	01	NTS
	SHEET NO. 1 OF 1		SIZE A3

FENIX™

FENIX PROCESS TECHNOLOGIES, PUNE - 411 004

THIS DRAWING IS THE PROPERTY OF FENIX PROCESS TECHNOLOGIES PVT. LTD. AND IT SUBMITTED ON THE CONDITION THAT IT WILL NOT BE COPIED IN WHOLE OR PART OR USED FOR ANY PURPOSE WITHOUT WRITTEN CONSENT FROM FENIX PROCESS TECHNOLOGIES PVT. LTD.