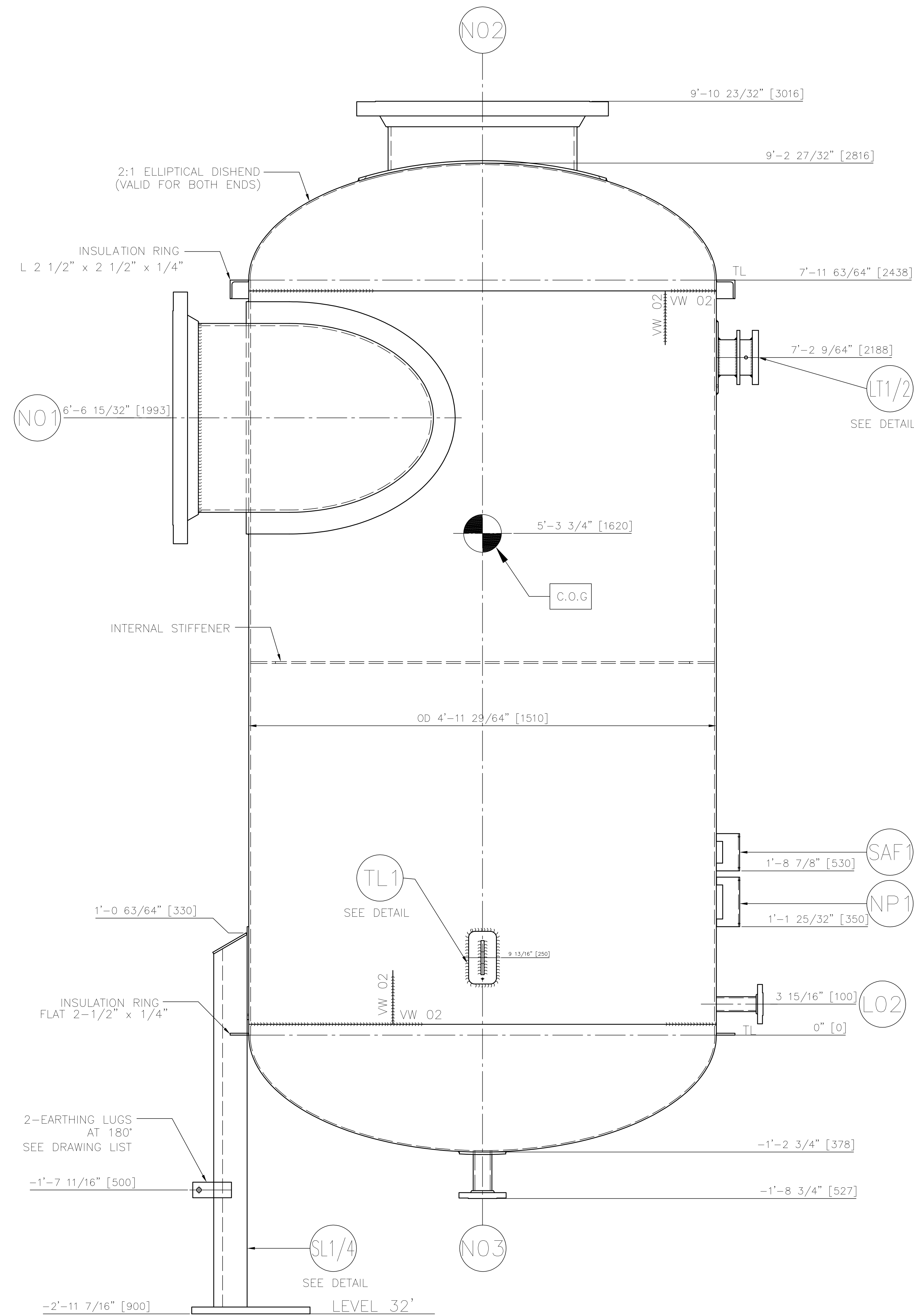
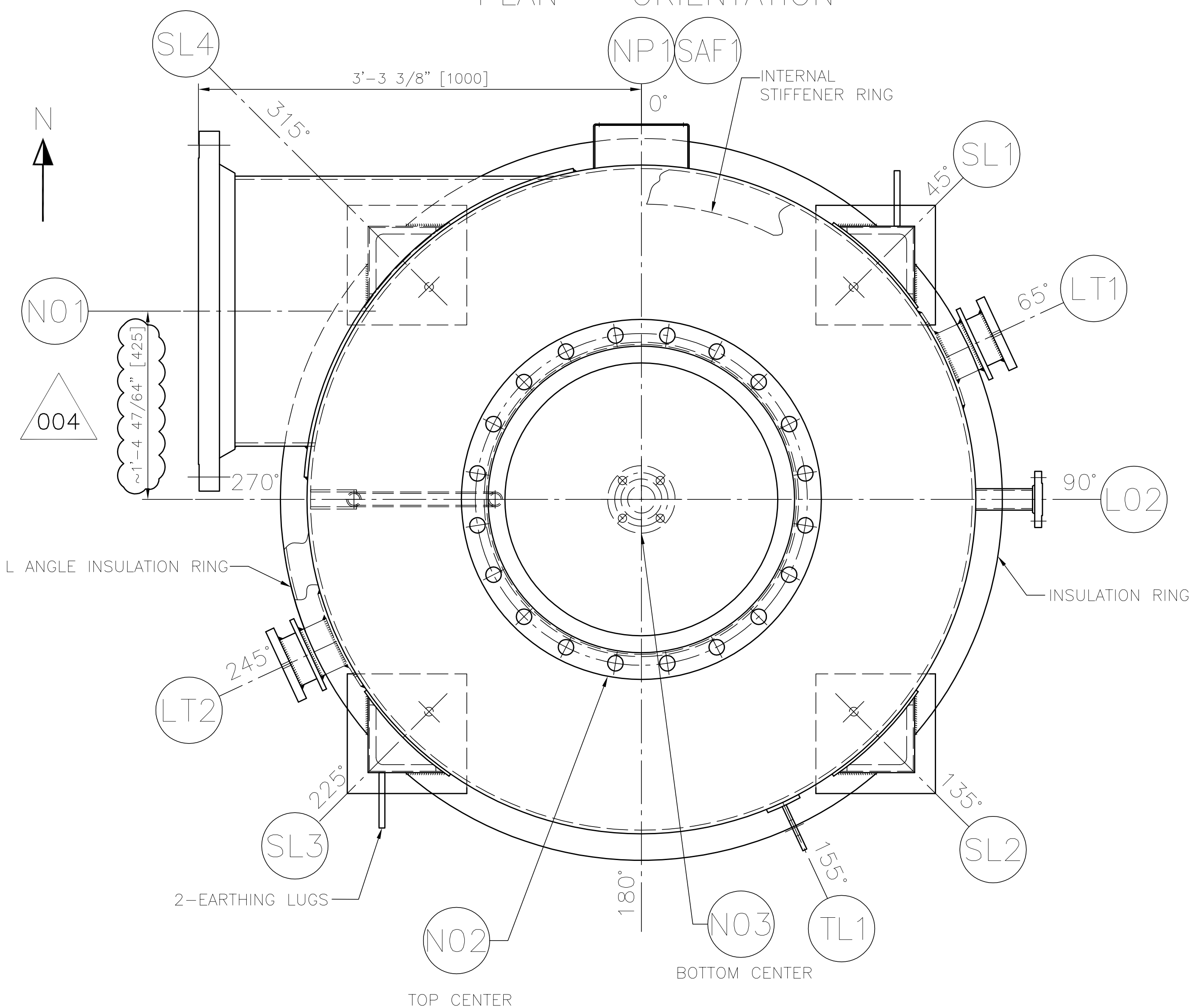


IF IN DOUBT, ASK – DO NOT SCALE !

DIMENSIONAL DRAWING
NOT VALID FOR ORIENTATION

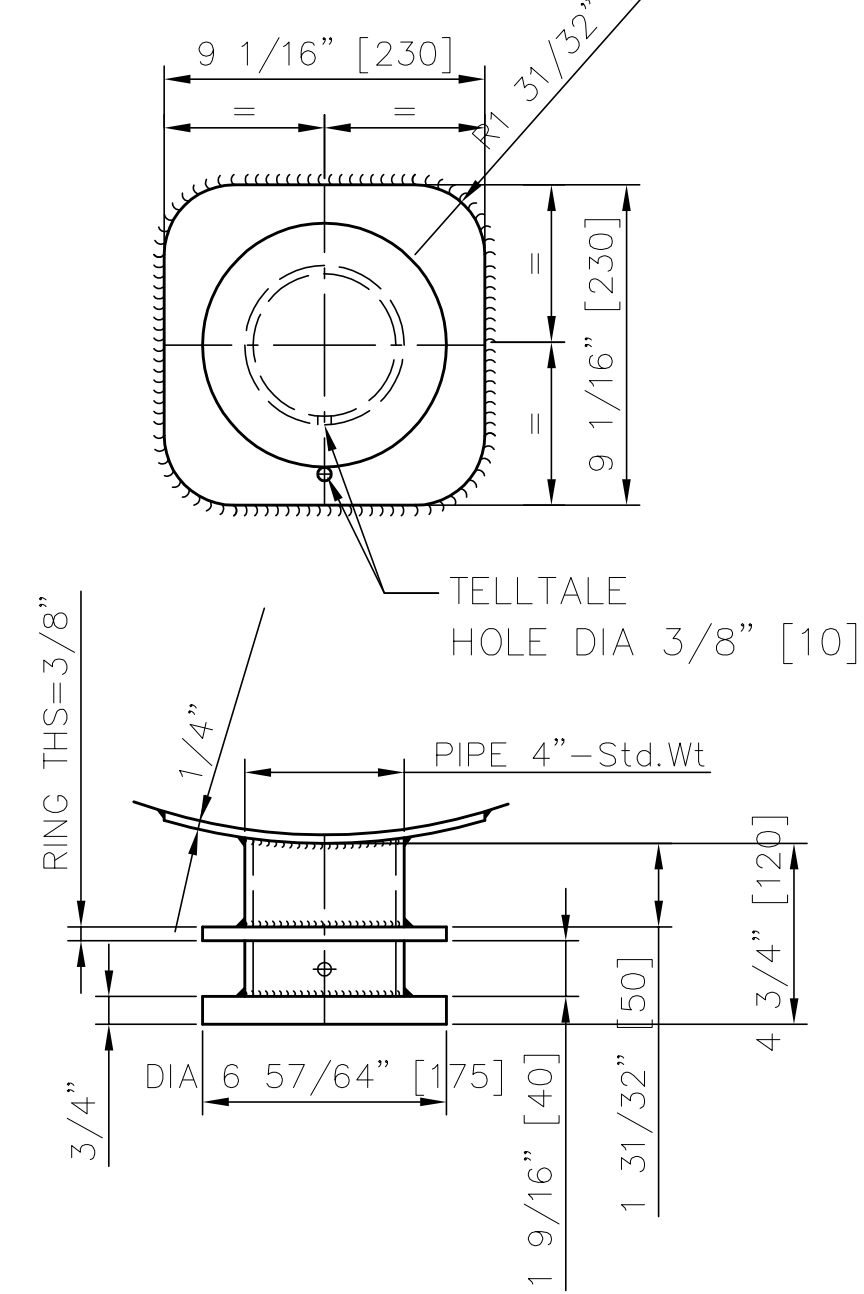


PLAN – ORIENTATION



DETAIL POS. LT1<2

Qty. 2 Nos.

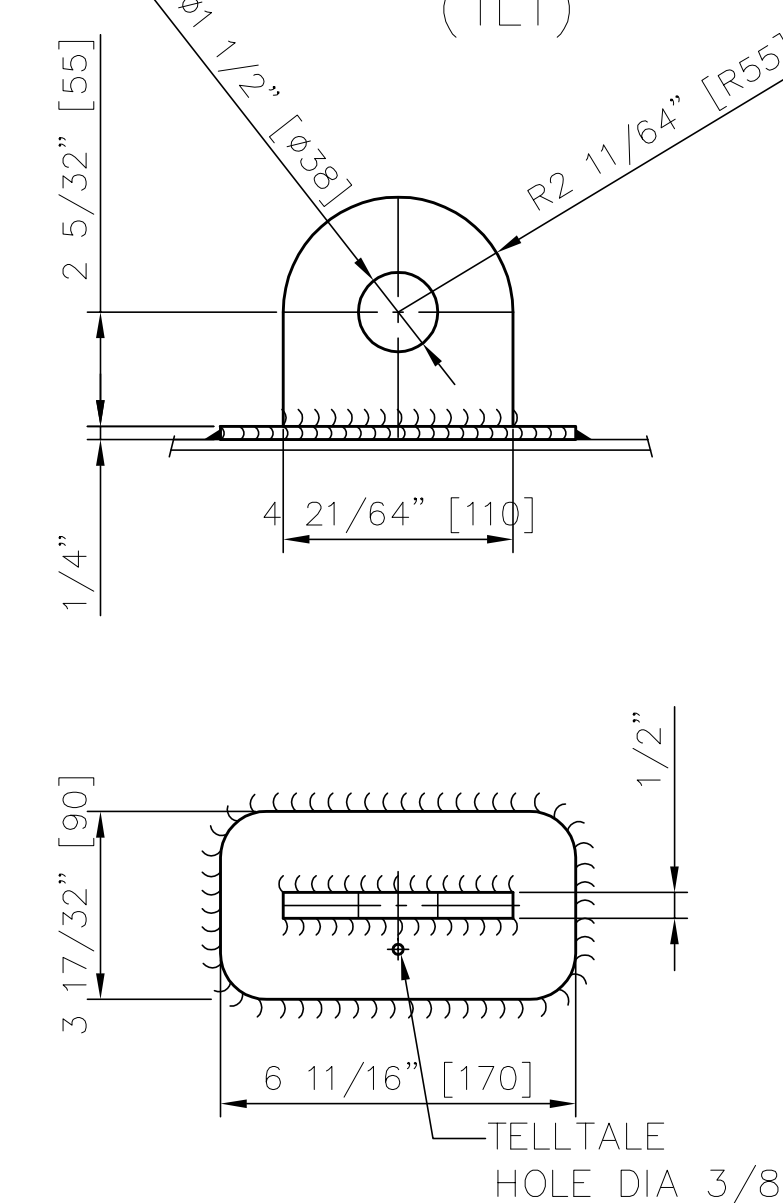


USE SPREADER BEAMS FOR LIFTING

PADPLATE TO BE WELD
BEFORE PRESSURE TEST

TAILING LUG

(TL1)



PADPLATE TO BE WELD
BEFORE PRESSURE TEST

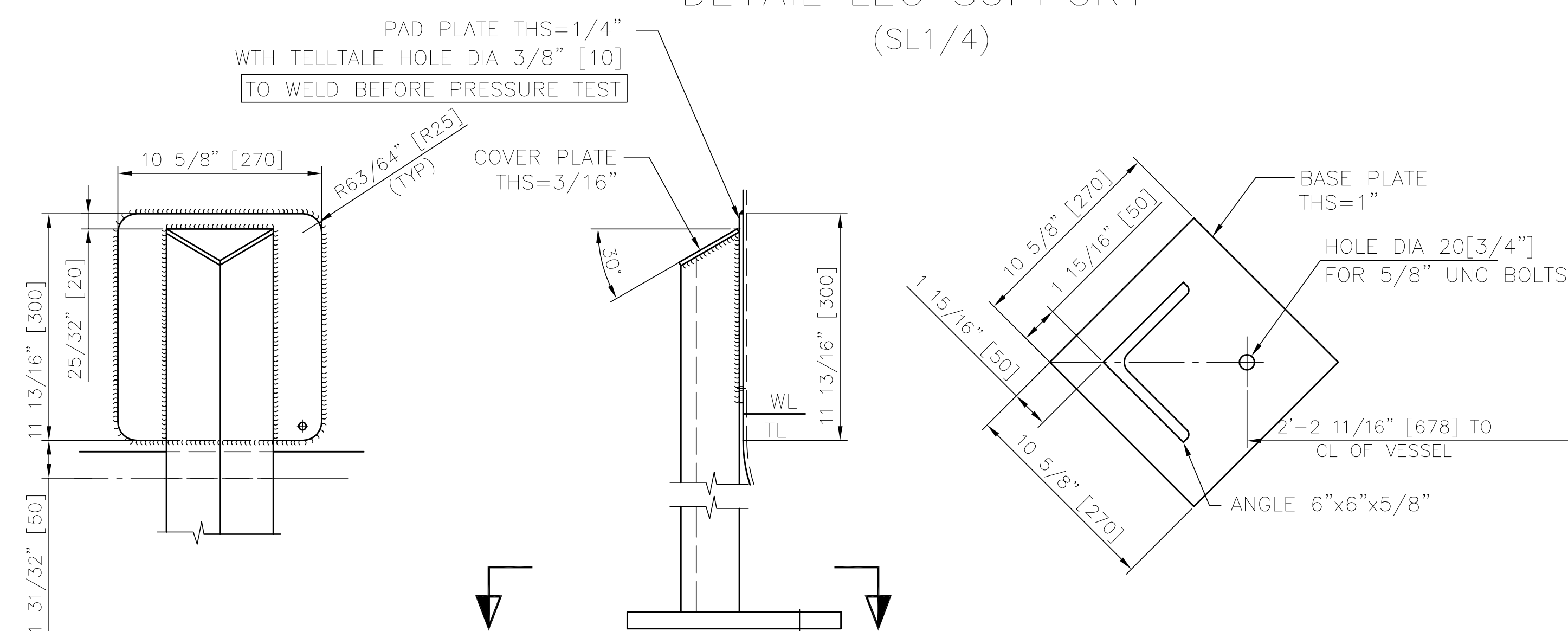
WARNING PLATE TYPE-7



MOUNTED ON SHELL
WITH SUPPORT

DETAIL LEG SUPPORT

(SL1/4)



NOZZLES

POS.	SERVICE	QTY	NOMINAL DIA	FLANGE		SCHED / THK.	REINF. PAD O.D. x THK.	PROJ. LENGTH	REMARKS REF. DRG	WELD TYPE
				RATING	TYPE					
N01	STEAM INLET	1	24"	CLASS 150	S0-RF	SCH 10S	2' 5 1/2"x16"	1' 10 3/4"		NW10/FW02
N02	VAPOUR OUTLET	1	24"	CLASS 150	S0-RF	SCH 10S	2' 7 1/2"x16"	1' 10 3/4"		NW11/FW02
N03	CONDENSATE OUTLET	1	2"	CLASS 150	S0-RF	SCH 40S	6"x5/16"	1' 8 3/4"		NW01/FW02
L02	SEAT FOR LEVEL SWITCH (HL)	1	1 1/2"	CLASS 150	S0-RF	SCH 40S		2' 11 3/4"		FW02/NW01

ACCESSORIES

SL1/4	SUPPORT LEGS	4							SEE DETAIL	
LT1/2	LIFTING TRUNNIONS	2							SEE DETAIL	
TL1	TAILING LUG	1							SEE DETAIL	
NP1	NAMEPLATE	1							100191353	
SAF1	WARNING PLATE TYPE=7	1							00430532	

MATERIALS / CERTIFICATES

ITEM	MATERIAL	CERT.	ITEM	MATERIAL	CERT.
SHELL / DISH HEADS	SA-240 304L		TAILING LUG	PAD/PLATE	SA-240 304L
NOZZLES NECKS	SA-312 TP304L			PLATE	SA-36
NOZZLE FLANGES	SA-182 F304L		LIFTING TRUNNIONS	PAD / PLATE	SA-240 304L
SUPPORT LEGS	PAD/PLATE			PIPE/PLATE	SA-106B/SA-36
	PLATE/PROFILE		EXTERNAL BOLTS & NUTS-UNC	SA-193 B7/SA-194 2H	
EXT. STIFFENER	SA-240 304L		GASKET	GARLOCK 3500	
			SUPPORT FOR NAMEPLATE / WARNING PLATE	SA-240 304L	

DESIGN DATA

EQUIPMENT		SHELL	
PRESSURE	OPERATING	barg	VACUUM
	DESIGN	barg	PS/43.5(50 psig)
	TEST	barg	5.96(86 psig)
TEMPERATURE	OPERATING	°C	103(217.4 °F)
	DESIGN	°C	152(305.6 °F)
	TEST	°C	AMBIENT
MIN. DESIGN METAL TEMP.		°C	-10 (14 °F)
CORROSION ALLOWANCE	STAINLESS STEEL	mm	0
	CARBON STEEL	mm	1.6(1/16")
RADIOGRAPHY			SPOT
MIN. JOINT EFFICIENCY			0.85
HEAT TREATMENT		NONE	
DESIGN CODE		ASME SEC VIII, DIV.1 ED:2019	
WIND / SEISMIC DESIGN		101 mph / SDS = 1.077g, SD1 = 0.664g (ASCE 7-16)	
FLUID		WATER VAPORS	
FLUID GROUP		NA	
PED 2014/68/EU		NA	
ASME "U" STAMP		YES	
WEIGHT	EMPTY	kg	1645 (3626 lbs)
	ASSEMBLED	kg	1645 (3626 lbs)
	INSULATION	kg	113 (249 lbs)
	OPERATING	kg	2294 (5057 lbs)
	FULL OF WATER	kg	6758 (14898 lbs)
VOLUME		m ³	5 (176.5 ft3)
HEAT TRANSFER AREA		m ²	
INSULATION SURFACE AREA / THK.		m ² /mm	17.4 (187 ft2)/50 (2")
INSPECTED BY		AI	

NOTES :

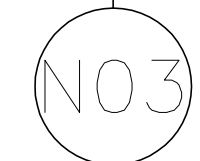
FLUID DENSITY = : 872 Kg/m³ (54.44 lbs/ft³).

004	10.11.2021	POS. N01 UPDATED IN ORIENTATION.	-	NSB
003	08.11.2021	ORIENTATION UPDATED.	-	NSB
002	24.08.2021	POS N02 PAD PLATE SIZE UPDATED.	-	NSB
001	29.07.2021	PLAN VIEW AND DRAWING UPDATED AS MARKED		KSM
REV	DATE	DESCRIPTION OF MODIFICATION	NBR OF MOD	BY

REV. DATE DESCRIPTION OF MODIFICATION		DOCUMENT TYPE		ASSY	
Desmet Ballestra Group		PROJECT DESCRIPTION		WORPAR	
ITEM NBR DISPOSITION	646A.2 (19-D-859)	SECD	PKK	SCALE	FORMAT
		PROC.E	CVK	A1	
		PROJ.M	JCG		
DOCUMENT DESCRIPTION	OIL-WATER VAPOR SEPARATOR	DOM	PRA	AUTHOR	SHN
GENERAL ARRANGEMENT (D=1510-H=2438)		DATE	DRAWING NUMBER		REVISION
		26.04.2021	100191351		004

IF IN DOUBT, ASK 1 CAD DRWG.
DO NOT SCALE ! DO NOT MODIFY

IF IN DOUBT, ASK – DO NOT SCALE !



001

A	ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE NOTED.
B	INDICATED THICKNESS OF HEADS IS THE MINIMUM THICKNESS AFTER FORMING.
C	LONGITUDINAL AND CIRCUMFERENTIAL WELDS IN SHELLS AND HEADS SHALL BE FULL PENETRATION BUTT WELDS.
D	LONGITUDINAL SEAMS OF ADJACENT SHELL/HEAD COURSES SHALL HAVE A MINIMUM OFFSET OF 5 TIMES THE NOMINAL PLATE THICKNESS OR 50 mm., WHICHEVER IS GREATER.
E	NOZZLE PROJECTIONS FOR HEAD NOZZLES TO BE TAKEN FROM 1L; FOR CAP NOZZLES FROM WELD LINE; FOR SHELL/CONE NOZZLES FROM VESSEL/CONE CENTERLINE; FOR FLAT HEAD VESSELS FROM EXTERNAL SURFACE.
F	BOLT HOLES IN VERTICAL FACE FLANGES SHALL STRADDLE THE NATURAL CENTER LINE OF THE VESSEL AND THE NORTH-SOUTH CENTER LINE FOR HORIZONTAL FACE FLANGES, UNLESS OTHERWISE NOTED.
G	FLANGES $\leq 24"$ ACCORDING TO ASME B16.5 (EN 1092-1); FLANGES $> 24"$ ACCORDING TO ASME B16.47 SERIES B (EN 1092-1).
H	FLANGE FACE FINISH: Ra 3.2 – 6.3 μ m (125–250 AARH).
I	DO NOT ALTER MATERIAL SPECIFICATIONS, UNLESS APPROVED BY DESMET BALLESTRA.
J	THROAT SIZE OF FILLET WELDS IS 0.7 TIMES THE SMALLEST JOINING THICKNESS, UNLESS OTHERWISE NOTED.
K	WELD SEAMS UNDERNEATH REINFORCING PADS MUST BE GROUND FLUSH, FOLLOWED BY A 100% RT EXAMINATION OF THE SEAM.
L	EXTERNAL AND INTERNAL SURFACE PROTECTION AS PER TECHNICAL NOTE IN0001.

001	08.11.2021	WORKSHOP INSTRUCTIONS ADDED.					—	NSB
REV	DATE	DESCRIPTION OF MODIFICATION					NBR OF MOD	BY
Desmet Ballestra Group							DOCUMENT TYPE	BODY
							PROJECT DESCRIPT	WORPAR
ITEM NBR DISPOSITION	646A.2 (19-D-859)					SECD PROCE	PKK GVK	SCALE A1
DOCUMENT DESCRIPTION	OIL-WATER VAPOR SEPARATOR					PROJ.M DOM	JCG PRA	
						AUTHOR SHN		
D=1510-H=2438						DATE	DRAWING NUMBER	REVISION
						26.04.2021	100191352	001

IF IN DOUBT, ASK 1 CAD DRWG.
DO NOT SCALE ! DO NOT MODIFY