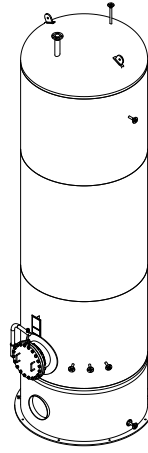
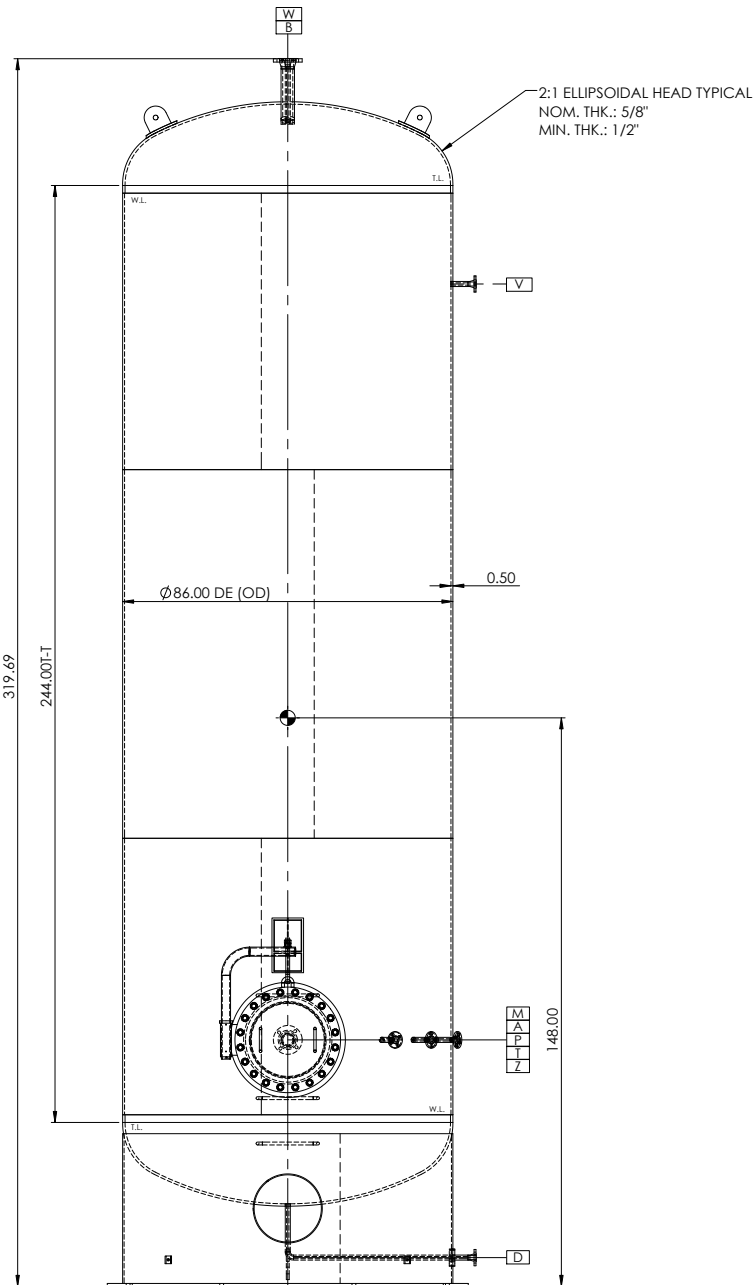


NOZZLES PLAN VIEW



ISOMETRIC VIEW



ELEVATION

NOTES:

1. ALL DIMENSIONS IN (IN) UNLESS OTHERWISE SPECIFIED.
2. T.L. = TANGENT LINE, W.L. = WELDING LINE, C.L. = CENTER LINE.
3. SEE PLAN VIEW TO PROPER NOZZLE ORIENTATION.
4. NOZZLE BOLT HOLES SHALL BE STRADDLE VESSEL CENTER LINES.
5. NOZZLES FINISHED PER INTERNAL VESSEL SHALL BE APPROXIMATED ROUNDED OFF 1/8" RADIUS.
6. REINFORCEMENT PADS SHALL HAVE A TAIL HOLE NPT 1/8".
7. TOLERANCES LINEAR FROM 1/4" +1/16" -1/16" +1/8" -1/8" +1/16" -1/16" TILT ANGLES +/- 1° BEVEL ANGLES +/- 5°
8. FILLETS + 1/16" -0, CIRCUMFERENTIALS: LW-33 + PER ASME CODE FOR SHELL AND HEADS; LW-35 + PER ASME CODE.
9. ROUNDNESS: UG-41 + PER ASME CODE SHOULD BE APPLIED TO THE DIFFERENCE IN INTERNAL DIAMETERS; OUTSIDE DEVIATION: UG-41 + PER ASME CODE, INSIDE DEVIATION: PER ASME CODE.
10. DISSIMILAR THICKNESS BUTTWELD JOINTS SHALL BE PREPARED WITH 3:1 TAPER AT LEAST.
11. NPS STAIN CAN BE USED TO MAKE GENERAL REPAIRS.
12. SCALE: NONE SCALE.
13. NOZZLE PROJECTION SHOULD BE TO THE FINISH FACE FROM THE FLANGES.

MARK	QTY	NPS SIZE	TYPE	CLASS	MATERIAL	SCH/THK	TOLERANCE	MATERIAL	SERVICE
M	1	20	WNRF	150	SA-105N	12.70 mm	PER ASME CODE	SA-516-70	MANWAY
Z	1	1	WNRF	150	SA-105N	XXS	PER ASME CODE	SA-106-B	PRESSURE INDICATOR TRANSMITTER
W	1	1	WNRF	150	SA-105N	XXS	PER ASME CODE	SA-106-B	SAFETY VALVE
V	1	1	WNRF	150	SA-105N	XXS	PER ASME CODE	SA-106-B	VENT
T	1	1	WNRF	150	SA-105N	XXS	PER ASME CODE	SA-106-B	TEMPERATURE INDICATOR
P	1	1	WNRF	150	SA-105N	XXS	PER ASME CODE	SA-106-B	PRESSURE INDICATOR
D	1	1	WNRF	150	SA-105N	XXS	PER ASME CODE	SA-106-B	DRAIN
B	1	3	WNRF	150	SA-105N	180	PER ASME CODE	SA-106-B	OUTLET
A	1	3	WNRF	150	SA-105N	180	PER ASME CODE	SA-106-B	INLET
FLANGE									NECK

NOZZLES CHART

DATA DESIGN		PSIG	
INTERNAL DESIGN PRESSURE:		PSIG	50.00
EXTERNAL DESIGN PRESSURE:		PSIG	---
MAX. OPERATING PRESSURE MAX / NOR:		PSIG	---
HYDROSTATIC TEST PRESSURE:		PSIG	205.81
DESIGN TEMPERATURE:		°F	140.00
OPERATING TEMPERATURE:		°F	131.00
MDMT (MINIMUM DESIGN METAL TEMPERATURE):		°F	32.00
MAWP (MAXIMUM ALLOWABLE WORKING PRESSURE, INTERNAL):		PSIG	158.31
MAWP (MAXIMUM ALLOWABLE WORKING PRESSURE, EXTERNAL):		PSIG	---
CORROSION ALLOWANCE:		in	0.13
RADIOGRAPHY SHELL/HEADS:			TOTAL / TOTAL
JOINT EFFICIENCY SHELL/HEADS:			1.00
IMPACT TEST (EXEMPT PER): PER ASME CODE			NO
POST WELD HEAT TREATMENT:			NO
INSULATION BY OTHERS:			NO
WIND CODE TO BE DEFINED:			YES
SEISMIC CODE TO BE DEFINED:			YES
FURTHER MATERIAL TESTING AT RECEIVING OR DURING FABRICATION:			NO

DESIGN CODE: SECTION VII DIV. 1 ED 2025	
ASME MARK DES. U	YES NB REGISTER: YES
EMPTY WEIGHT: 15,205 lb	FULL OF WATER WEIGHT: 71,033 lb
OPER. WEIGHT: 15,263 lb	CAPACITY: 6,688.84 Gal

APPLICATION OF CORROSION PROTECTION SYSTEM: SYSTEM 9 ACCORDING TO ET-295-PEMEX-2019.
 EXTERNAL SURFACE PREPARATION: ACCORDING TO SSPC-SP-5.
 PRIMER: 1 LAYER OF EPOXY RICH IN ZINC OF 75 - 100 MICRONS THK. DRY LAYER.
 FINISHED: 1 LAYER OF HIGH SOLID EPOXY OF 150 - 300 MICRONS THK. DRY LAYER.
 FINISHED: 1 LAYER OF ACRYLIC POLYURETHANE OF 50 - 100 MICRONS THK. DRY LAYER.
 COLOR: PURE WHITE (RAL 9010); PLATFORM AND LADDER: HOT DIP GALVANIZED.

MATERIALS	
SHELL:	SA-516-70 [SKRT] SA-516-70
HEADS:	SA-516-70 NAMEPLATES: SA-240-316L
NOZZLE NECKS:	SA-516-70 / SA-106-B BOLTS / NUTS: SA-193-B7 SA-194-317 CADMINIZED
NOZZLE FLANGES:	SA-105N REIN. PADS: SA-516-70
LIFTING / EARTH LUGS:	SA-516-70 / SA-240-304 PLATFORM / LADDER: GALVANIZED

REV.	BY	NAME	DATE	DESCRIPTION
0				FOR REVISION / FABRICATION

CUSTOMER:	CUSTOMER NAME
ADDRESS:	COMPANY ADDRESS
LOCATION:	COMPANY LOCATION
CONTRACT No.:	CONTRACT NUMBER

COMPANY LOGO	COMPANY NAME COMPANY DIRECTION
--------------	-----------------------------------

TITLE:		GENERAL ARRANGEMENT	
SERVICE: KIND OF SERVICE		TAG: TAG NUMBER	
SIZE: 86.00 in OD x 244.00 in LONG. T.T	TYPE: VERTICAL	DWN: NAME	MMDQ/YYYY
S.O.: 1035	RWD: NAME	MMDQ/YYYY	
QTY: 1	APPD: NAME	MMDQ/YYYY	
DWG No. GA-XXXX			REVISION 0

No.	DESCRIPTION
PL-XXXX	PLATFORM AND LADDER
SM-XXXX	WELD & MATERIALS

REFERENCE DWNS