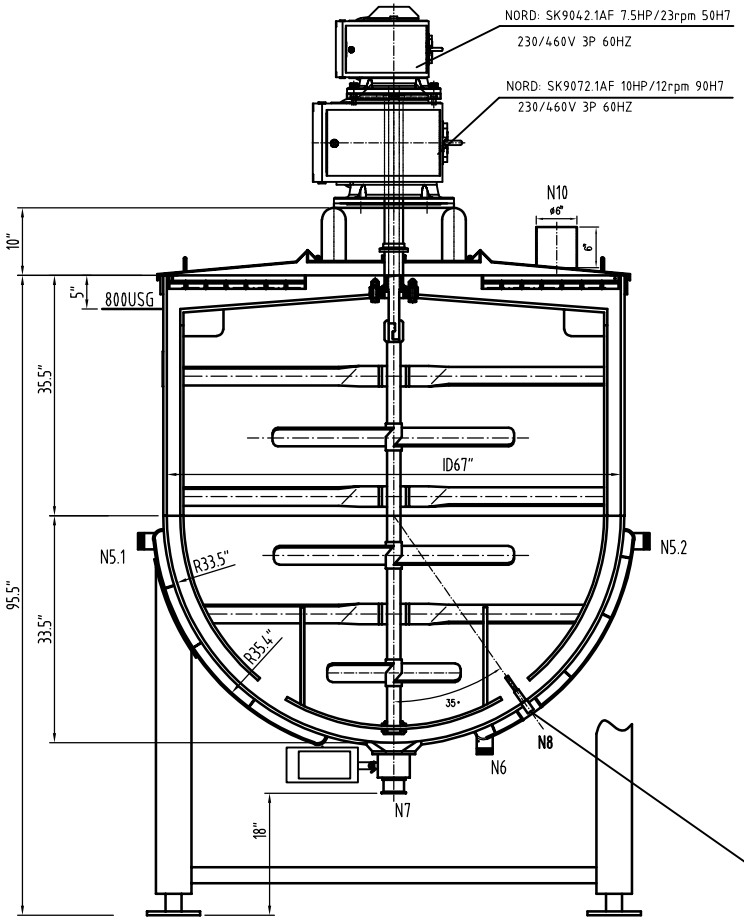
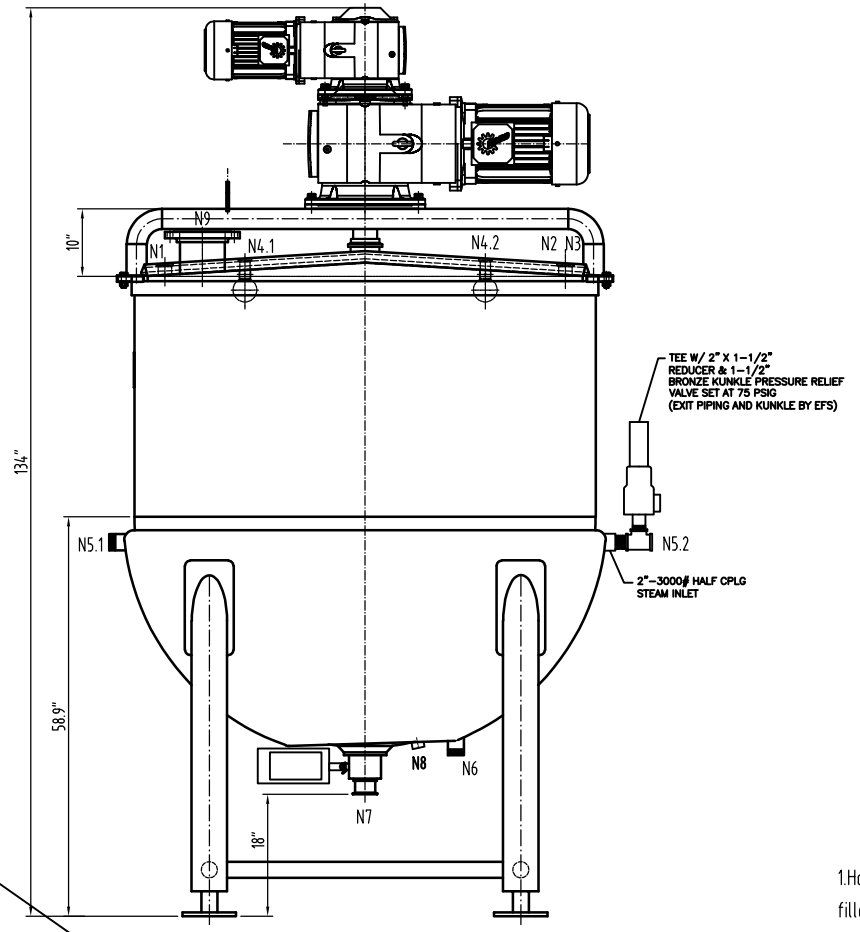
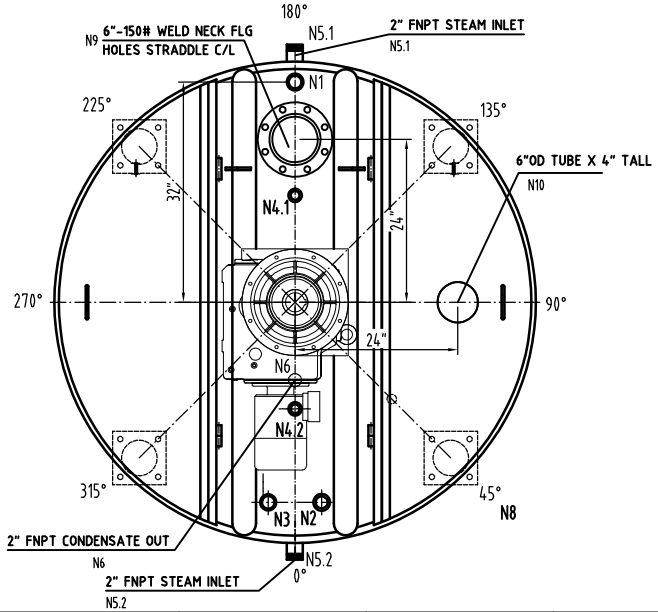
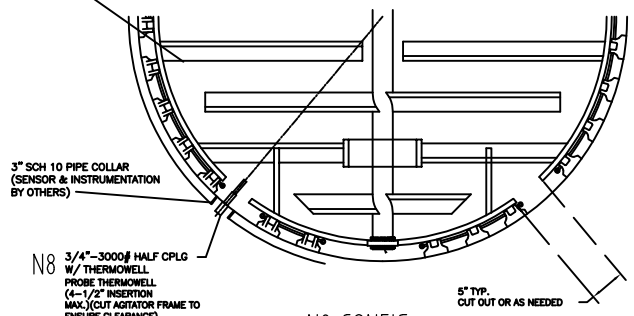








N8 CONFIG.

DESIGN DATA SHEET

CODE	ASME BPVC SECTION VIII DIUISION I 2021 EDITION.

	SHELL	JACKET	ASME STAMP		YES,WITH U DESIGNATOR FOR JACKET ONLY
FLUID		STEAM	WELDING ROD TYPE		AS PER WPS
FLUID PERFORMANCE	Non lethal	Non lethal	WELDING REGULATION		NOTE 2
WORKING TEMPERATURE °F	320	320	WELD STRUCTURE		COMPRESSION STRUCTURE ADOPTS FULL PENETRATION
WORKING PRESSURE Psi	0	85	THICKNESS OF FILLET WELD EXCEPT NOTED		AS PER THE THICKNESS OF THINNER PLATE
DESIGN TEMPERATURE °F	325	325	PRESSURE TEST TEMPERATURE °F		41-115
MDMT °F	-4	-4°F AT 90Psi	N.D.E.	WELDING JOINT CATEGORY	METHOD-EXRATE / ACC. STD.
DESIGN PRESSURE Psi	0	90Psi AT 325°F		A,B	SPOT RT / UW-52
MAWP Psi	0	90Psi AT 325°F		C,D	/
CORROSION ALLOWANCE in	0		TOTAL CAPACITY Gal		759
JOINT EFFICIENCY Shell/ head	0.85/0.85		IMPACT TEST		Exempted per UHA-51
HYDRO. TEST PRESSURE Psi	117		HEAT TREATMENT		Exempted per UHA-32, UHA-44
GAS LEAKAGE TEST PRESSURE Psi	NA		MASS	NET MASS FOR EQUIP.	
NOZZLE ORIENTATION	AS PER THIS DRAWNING			OPERATING MASS	/
MATERIAL FOR MAIN PRESSURE PARTS	SA-240 304 SA-240 316L SA-312 TP304			FULL WATER MASS	/
FULL COEFFICIENT	/		INSULATION THICKNESS in		/

NOZZLE SCHEDULE

MARK	NOMINAL SIZE	Q'TY.	CONNECTING SIZE AND STANDARD	FACE	SERVICE	REMARKS
N1	2"	1	3A	TC	**WATER INLET**	
N2	2"	1	3A	TC	FEED INLET	
N3	2"	1	3A	TC	FEED INLET	
N4	2"	2	3A	TC	CIP	
N5	2"	2	ASME B1.20.1-2013	**2" FNPT**	STEAM INLET	**2" 3000#**
N6	2"	1	ASME B1.20.1-2013	**2" FNPT**	STEAM OUTLET	**2" 3000#**
N7	4"	1		FLAT	OUTLET	
N8	1/2"	1		1/2"FNPT	Temperature sensor	
N9	**6"**	1	**6"-150# WELD NECK FLG SS**		**CORN INLET**	
N10	**6" OD**	1	**6 OD TUBE X 14 GA SS**		**STEAM VENT OUT**	

Technical Requirement

1.Having a carbon content not exceeding 0.10% and produced with filler metals conforming to sfa-5.9.

2.Unless otherwise specified,all the groove welding joints for pressure parts are of full penetration type, continuous, and shall be welded as per the wps designated by jic; Finished longitudinal and circumferential joints conform to UW-35.

3.Unless otherwise specified, does not indicate the size tolerance and see the program file Q/HD-PD-03-2011.

4.Interior finish : Ra0.8,Exterior finish: Ra0.8,

5.The user shall be in charge for installing safety devices in outer pipe system connected to this tank, and to ensure the pressure in the tank not exceeding its MAWP pressure;

6.This equipment's packing and transportation shall conform to the regulation of [Pressure Vessel Coating and Transportation Packing], JB4711-2003.

REV.NO.	DESCRIPTION	PREPARED BY	CHECKED BY	APPROVED BY	DATE
1					

SHAANXI HONGDA INDUSTRY CO., LTD

PREPARED BY	800USG SPHERICAL TANK	DRAWING NO.	Intention-800-01-HA
CHECKED BY		PROJECT NUMBER	Intention-800-01-HA
APPROVED BY	SCALE 1:9 WEIGHT	GENERAL DRAWING	
		REV 4	TOTAL: 1 / PAGE : 1