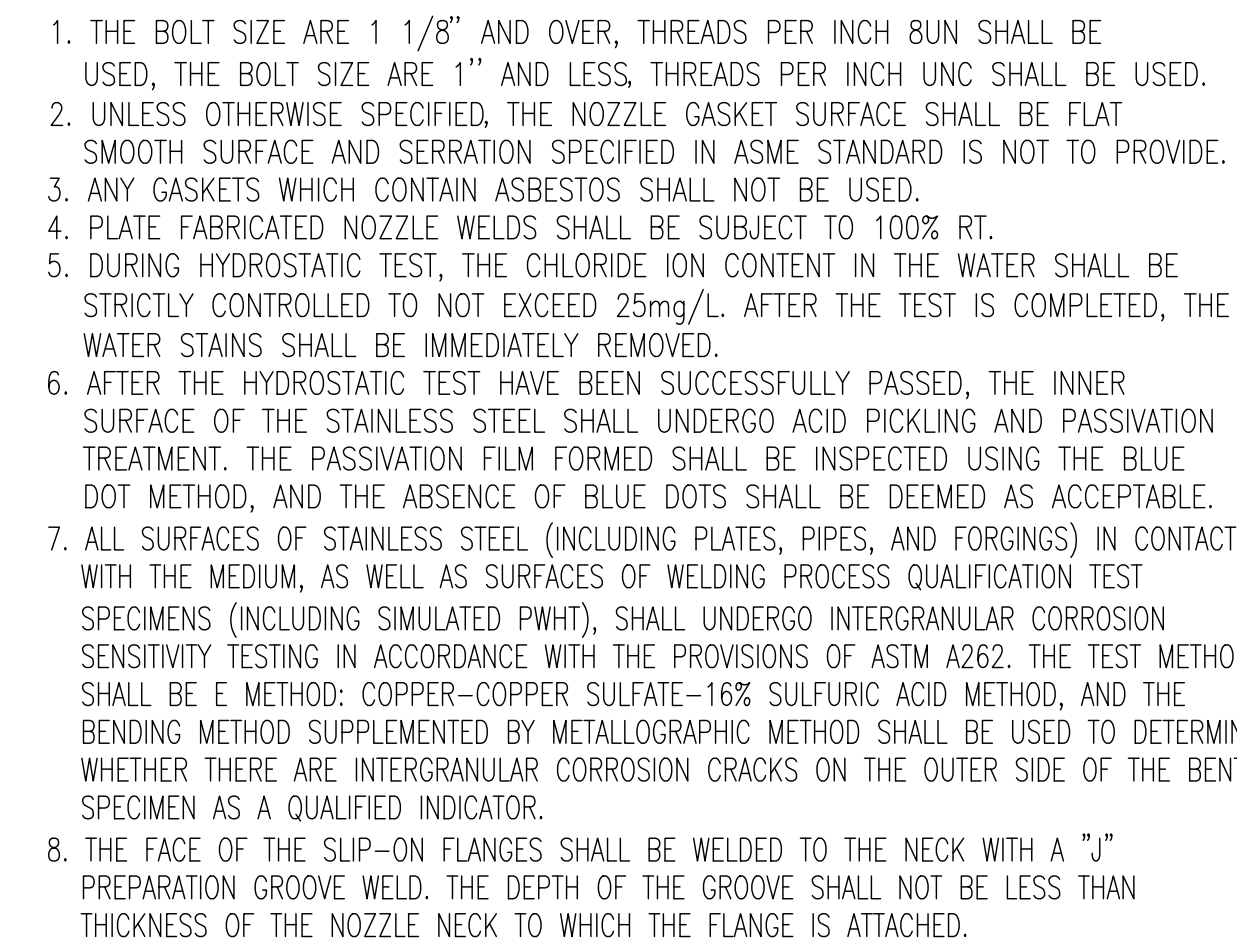
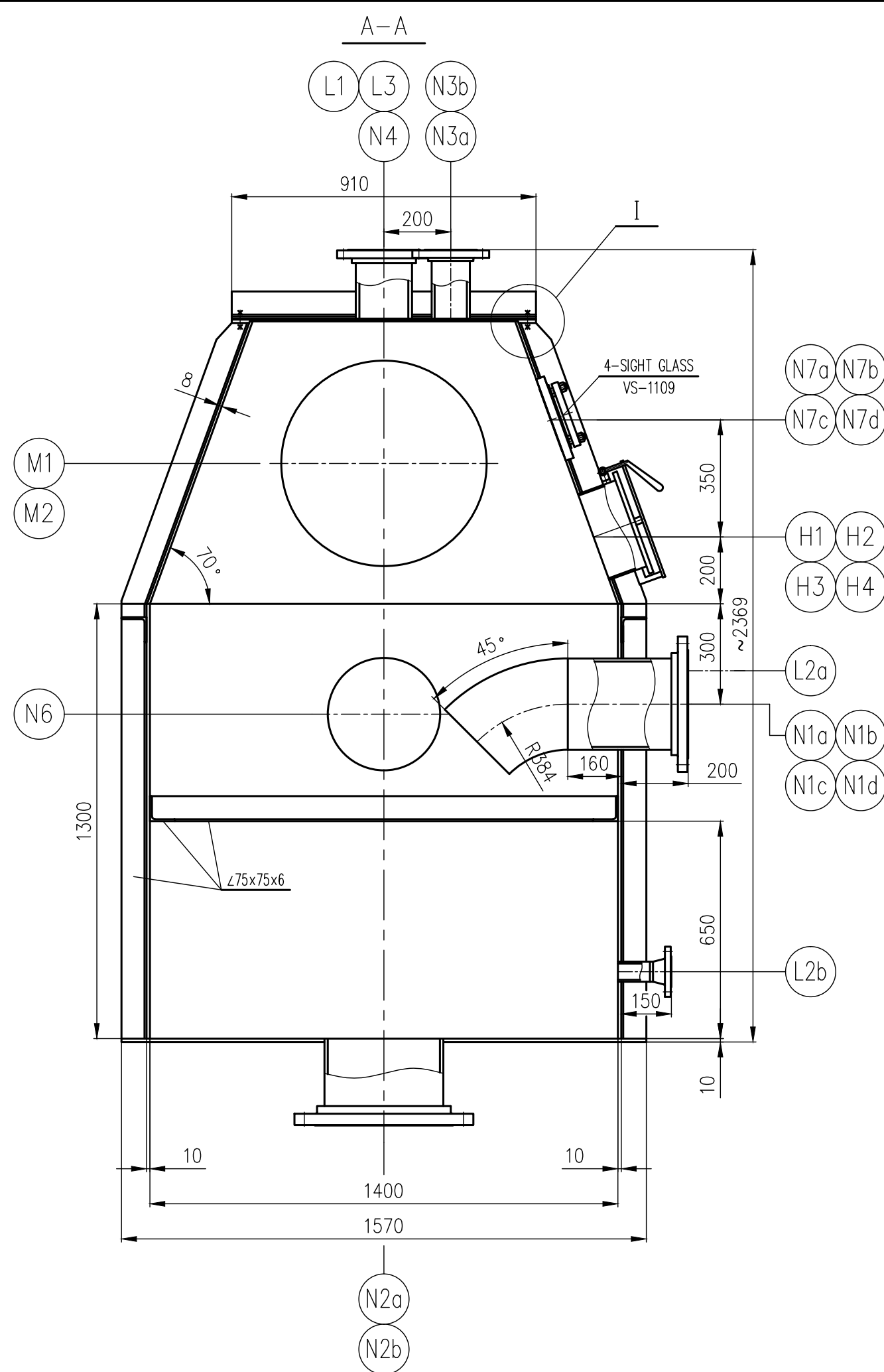
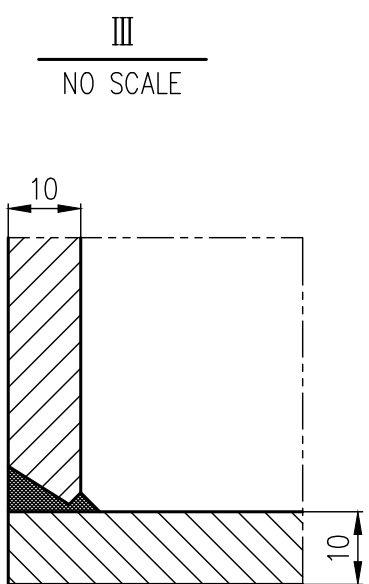




NOTE:

1. WIND CONDITION: ASCE 7-2016(EXPOSURE CATEGORY: C, RISK CATEGORY: III), DESIGN WIND SPEED: 120Km/Hr.
2. SEISMIC CONDITION: ASCE 7-2016(CLASS E, IMPORTANT FACTOR 1.25, SS=0.198g, S1=0.1323g).
3. CARBONATION MAGMA(wt%): 12.5% NaHCO₃, 16.7% NH₄Cl, 8.14% NaCl, 2% NH₃, 3% CO₂, THE REST IS H₂O.
4. THE MAXIMUM DISTANCE BETWEEN SUPPORT BEAMS OF BASE PLATE SHALL NOT EXCEED 1600mm.



NOZZLE LIST									
MARK	SIZE NPS	SCH. OR THK.	CLASS	FLANGE STD	TYPE	FACE TYPE	SERVICE	NOZ. PROJ. FROM C.L.	REMARK
N1a~d	10"	Sch40S	150#	ASME B16.5-2020	SO	RF	CARBONATION MAGMA INLET	SEE DWG.	
N2a,b	16"	Sch40S	150#	ASME B16.5-2020	SO	RF	CARBONATION MAGMA OUTLET	SEE DWG.	
N3a	6"	Sch80S	150#	ASME B16.5-2020	SO	RF	MAGMA INLET	SEE DWG.	
N3b	3"	Sch80S	150#	ASME B16.5-2020	SO	RF	MAGMA INLET	SEE DWG.	
N4	6"	Sch80S	150#	ASME B16.5-2020	SO	RF	VENT	SEE DWG.	
N6	8"	Sch80S	150#	ASME B16.5-2020	SO	RF	OVERFLOW NOZZLE	SEE DWG.	
N7a~d	4"	/	/	/	/	PAD	SIGHT GLASS	/	
L1	3"	Sch80S	150#	ASME B16.5-2020	SO	RF	REMOTE LIQUID LEVEL GAUGE NOZZLE	SEE DWG.	
L2a,b	3"	Sch80S	150#	ASME B16.5-2020	SO	RF	LOCAL LEVEL GAUGE NOZZLE	SEE DWG.	
L3	3"	Sch80S	150#	ASME B16.5-2020	SO	RF	REMOTE LIQUID LEVEL GAUGE NOZZLE	SEE DWG.	
H1~4	10"	/	/	/	/	/	SAMPLING NOZZLE	/	
M1,2	24"	Thk.8	150#	ASME B16.5-2020	SO	RF	MANHOLE	SEE DWG.	WITH BLIND FLANGE

△									
△									
△	IFD	18-06-2025	HZQ		LQ				
REV.	DESCRIPTION	DATE	DESIGN	DRAW	CHECK	REVIEW	APPROVE		
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 中国天展工程有限公司 CHINA TIANTIAN ENGINEERING CORPORATION					PROJECT	PKT 300KTA Soda Ash Project			
512-V-01 Magma Tank Engineering Drawing					UNIT	Filtration Section			
					PHASE	Detail Design			
S.	SCALE /	SHEET 1	TOT. 1	DWG NO.	T24B2S-512-FE8D-0100				