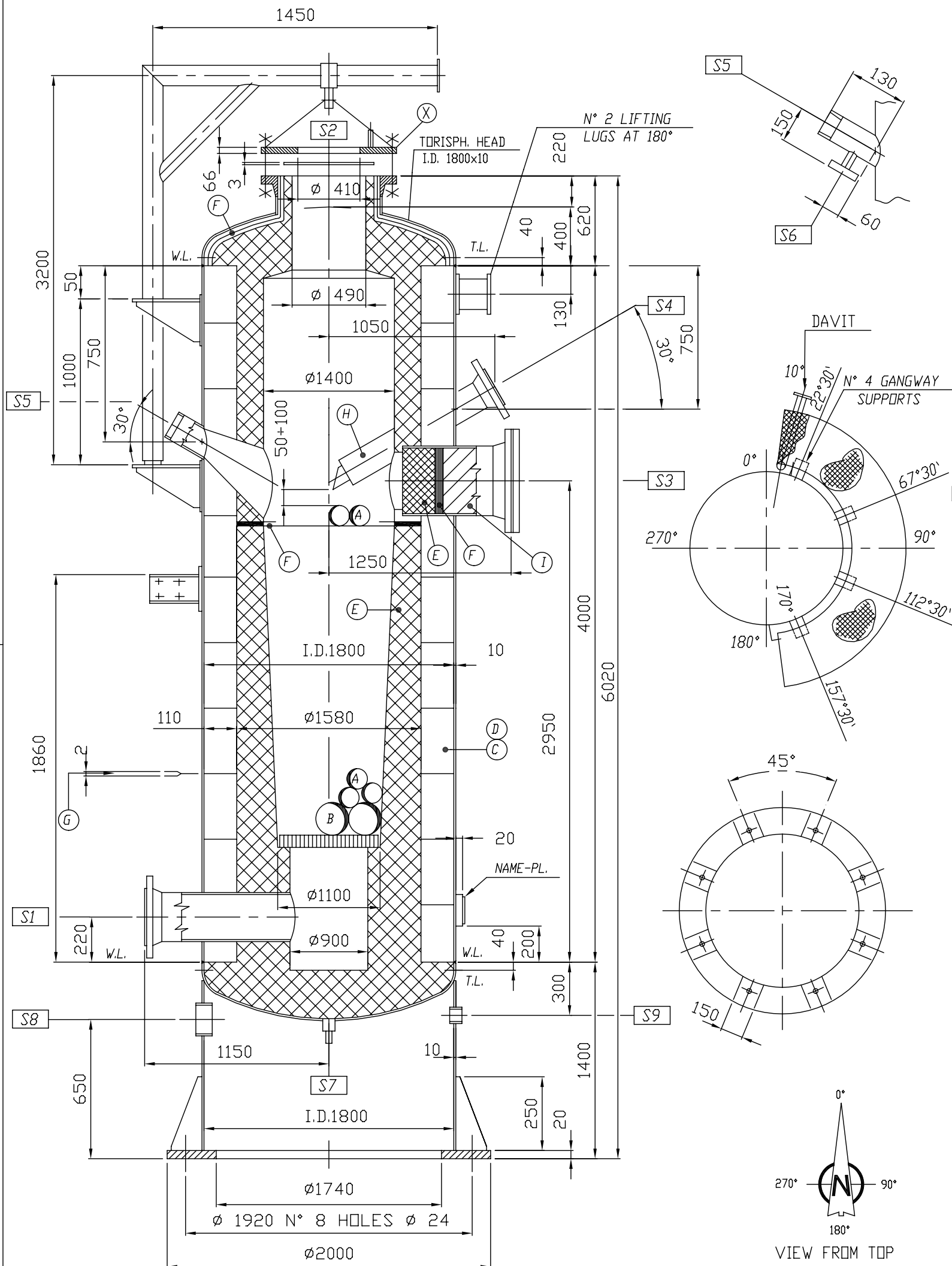


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<div><div></div><div>desmet ballestra</div></div>		ITEM 12H1		CUSTOMER _____			DWG. 1E35 . 35 . 013 . 1				
		N°REQUIRED 1		SULPHUR FURNACE			FLOW SHEET 1E35 . 10 . 003				
				PLANT SULPHUREX		JOB 1E35		SHEET 1 OF 3			
Rev.	Date	Drawn									
0	05.11.09	A.S.	ISSUED FOR BID								
1	05.11.09	A.S.	ISSUED FOR CONSTRUCTION								
2	19.01.10	G.R.	ORIENTATION PLAN DEFINED								
THE MASTER VERSION OF THIS DOCUMENT IS STORED AS A DIGITAL FILE IN A DATABASE - APPROVAL PROCESS IS DIGITALLY MANAGED, AND NO SIGNATURE IS VISIBLE ON THE DOCUMENT											
NOZZLES						HOLD	DESIGN DATA		SHELL	TUBE	JACKET
POS.	SIZE	RATING	N°	SERVICE	THK.	NOZZLES ORIENTATION	OPERATING PRESSURE Bar (g)		0,6		
S1	14"	W.N. RF 150#	1	AIR INLET	9,52	0°	DESIGN PRESSURE Bar (g)		0,9		
S2	16"	ANSI SG 150#	1	GAS OUTLET	10	0°	HYDROSTATIC TEST PRESSURE Bar (g)		2		
S3	20"	WN SG 150# +B.F. ST	1	MANHOLE	10	45°	PNEUMATIC TEST PRESSURE Bar (g)		-		
S4	4"	W.N. RF. 150#	1	SULPH. INLET + ELECTR. IGNITER	6.02	90°	OPERATING TEMPERATURE °C		60 / 650		
S5	2"M	GAS UNI 339	1	SIGHT GLASS	5,54	135°	DESIGN TEMPERATURE °C		425 / 680		
S6	2"	W.N. RF 150#	1	AIR INLET	5,54	135°	FLUID/SPECIFIC WEIGHT Kg/dm3		AIR +7% SO2		
S7	1"F	ANSI B2.1 NPT	1	DRAIN	-	0°	HEAT EXCHANGE SURFACE m2		-		
S8	20"	-----	1	MANHOLE	10	270°	HEAT TREATMENT		-		
S9	4"	-----	4	SKIRT VENT	6,02	45° / 135° / 225° / 315°	X-RAY TEST		-		
							PENETRATING LIQUIDS TEST		-		
							JOINT EFFICIENCY		0,7		
							CORROSION ALLOWANCE mm		1,6		
							GEOMETRIC CAPACITY litri		11550		
							INSPECTION INSTITUTE		CUSTOMER		
							CODE		ASME SECT. VIII div. 1		
							WEIGHTS				
							EMPTY O 4700 Kg		OPERATING 17700 Kg		
NAME PLATE POSITION						180°			WATER FILLED 16250 Kg		
MATERIALS							STD. DETAILS			ENCLOSED DWG	
SHELL					A 515 - 60		WORKING DWG.			ST. 200005/7	
HEAD					A 515 - 60		FURNACE BRICKS DISPOSITION			SP. 1402/1	
SKIRT					CARBON STEEL		FOR REFRACTORY LINING			SP. 1282/0	
FLANGES					A 105		PAINTING			SB-ATI-SP002/4	
NOZZLES					A 106 B		NAME PL. HOLDER			ST. 0377/1	
FLANGE (X)					A 182 F304H		NAME PLATE			SB-PRS-00120/1	
STUD BOLTS					A 193 B7		TEMPLATES FOR REFRACTORY CASTING			ST.200005/3 Sh.2	
HEAVY HEX. NUTS					A 194 2H		TOP DAVIT			ST.200005/3 Sh.3	
UNIVERSAL GASKET " S4 "					SEE SP. 1444						
GASKET " S2 - " S3 "			CORRUGATED METAL JACKETED CERAMIC FIBER ( AISI 304 )								
INSULATION: NO											
NOTE: O IRON PARTS ONLY					● COMPLETE WITH STUD BOLTS AND NUTS						
● COMPLETE WITH REFRACTORY LINING											
■ COMPLETE WITH PLUG										RIF. D.S 1A12.35.013	