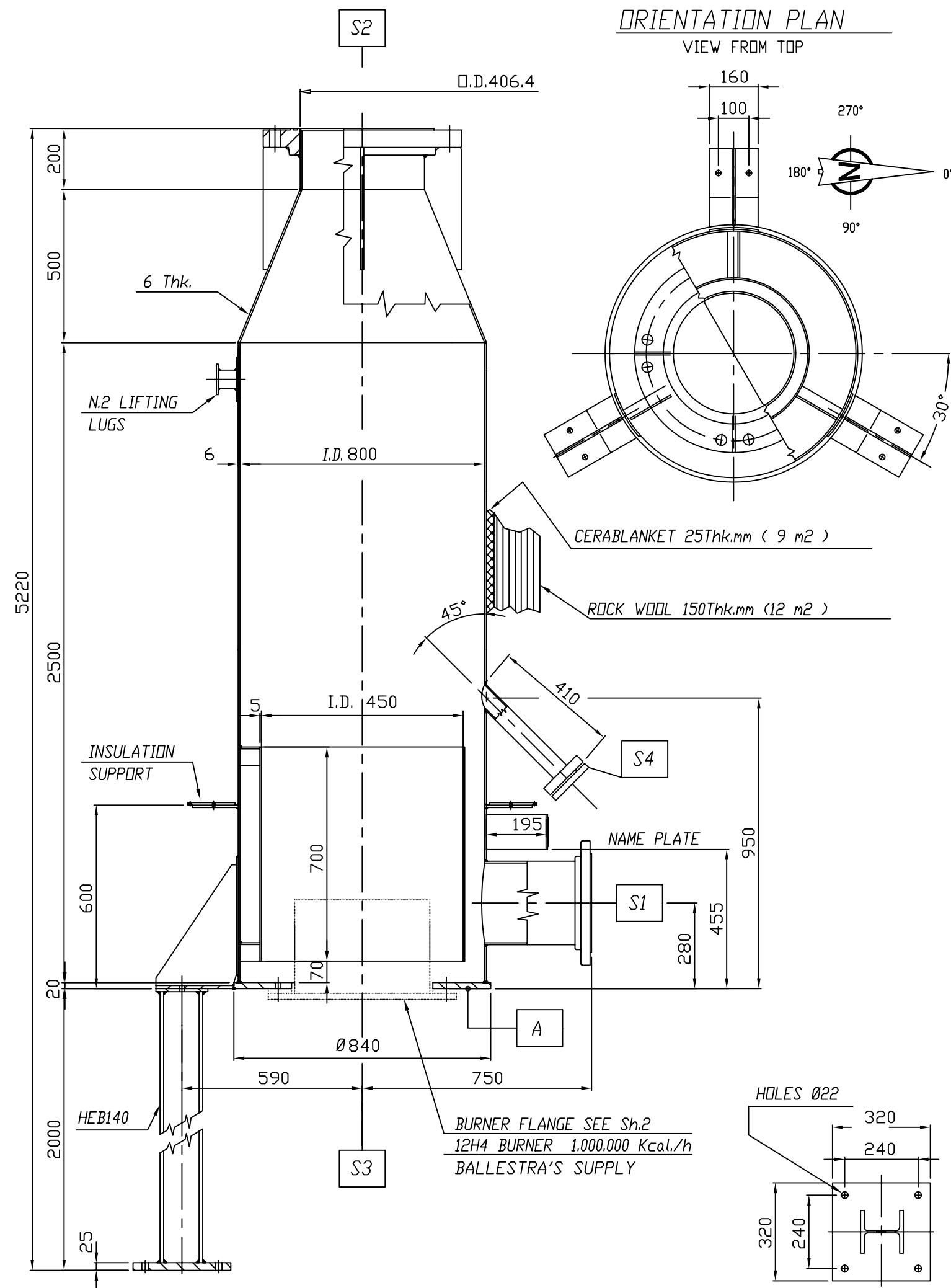


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<div><div></div><div>desmet ballestra</div></div>		ITEM 12H2		CUSTOMER			DWG. 1E35 . 35 . 014 . 1				
		N°REQUIRED 1		START-UP PREHEATER			FLOW SHEET 1E35 . 10 . 003				
				PLANT SULPHUREX		JOB 1E35		SHEET 1 OF 2			
Rev.	Date	Drawn									
0	09.11.09	A.S.	ISSUED FOR BID								
1	17.11.09	A.S.	ISSUED FOR CONSTRUCTION								
2	19.01.10	G.R..	ORIENTATION PLAN DEFINED								
3	04.05.10	G.R..	DIAMETER INTERNAL CYLINDER MODIFIED AND BURNER TYPE ON SHEET 2 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							DESIGN DATA		SHELL	TUBE	JACKET
POS.	SIZE	RATING	N°	SERVICE	THK.	NOZZLES ORIENTATION	OPERATING PRESSURE Bar (g)		0.045		
S1	10"	L.J. 150#	1	AIR INLET	6	90°	DESIGN PRESSURE Bar (g)		0.05		
S2	16"	S.D.S.G. 150#	1	AIR OUTLET	6	Ø	HYDROSTATIC TEST PRESSURE Bar (g)		0.15		
S3	-	SEE BURNER DWG.	1	BURNER CONN.	-	Ø	PNEUMATIC TEST PRESSURE Bar (g)		-		
S4	2"	ST.40884	2	SIGHT GLASS	3.91	270°	OPERATING TEMPERATURE °C		650		
							DESIGN TEMPERATURE °C		700		
							FLUID/SPECIFIC WEIGHT Kg/dm3		AIR		
							HEAT EXCHANGE SURFACE m2		-		
							HEAT TREATMENT		-		
							X-RAY TEST		-		
							LIQUIDS PENETRANT TEST		-		
							JOINT EFFICIENCY		0.7		
							CORROSION ALLOWANCE mm		-		
							GEOMETRIC CAPACITY litri		1500		
							INSPECTION INSTITUTE		CUSTOMER		
LEGS POSITION						30°	CODE ASME VIII Div.1				
						150°	WEIGHTS				
						270°	EMPTY 1000 Kg		OPERATING without burner 1200 Kg		
NAME PLATE POSITION						225°	WATER FILLED 2500 Kg				
MATERIALS						STD. DETAILS				ENCLOSED DWG	
SHELL				A 240 - 304		WORKING DWG.				SB-PRS-00085/1	
CONE				A 240 - 304		STUB END				ST. 1073/0	
FLANGE "S1"				A 105		LIFTING LUGS (TYPE 1)				ST. 400167/0	
FLANGES				A 182 F 304H		NAME PL. HOLDER				SB-PRS-00121/0	
NOZZLES FROM PIPE				A 312 TP 304H		NAME PLATE				SB-PRS-00119/0	
NOZZLES FROM PLATE				A 240 - 304		PAINTING				SB-ATI-SP002/4	
INTERNAL PARTS				A 240 - 310							
STUB ENDS				AISI 304							
LEGS				A 36							
PLATE A				A 285 - C							
REINFORC. BRACKETS				A 240 - 304							
BRACKETS				A 285 - C							
UNIVERSAL GASKETS				SEE SP. 1444							
INSULATION: 175 mm. (SEE DWG)											
NOTE:											
									RIF. D.S. 1A12 . 35 . 014		