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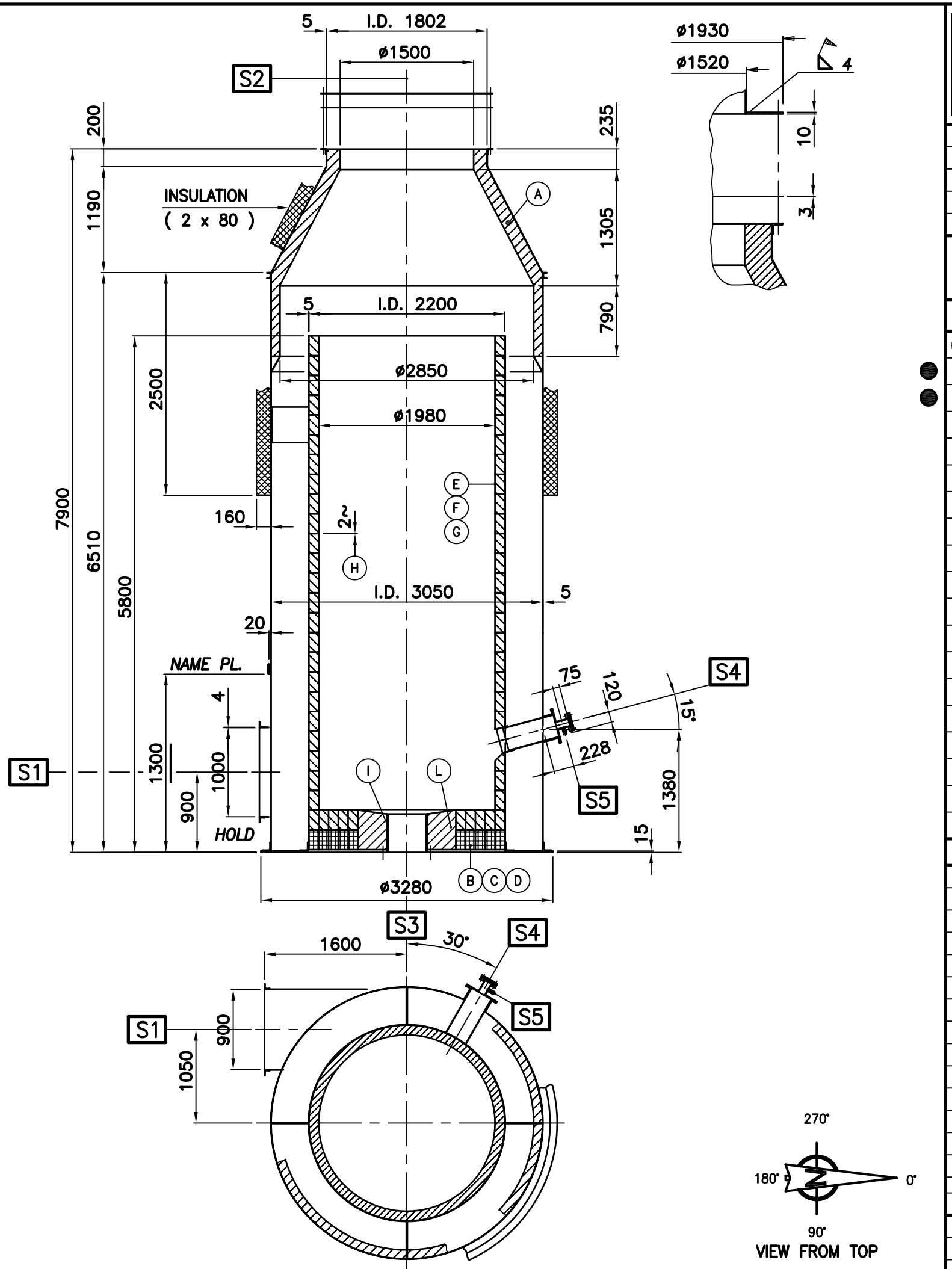

desmet ballestra

ITEM 64H2	CUSTOMER		DWG. 2F11 . 35 . 127
	HOT AIR GENERATOR		FLOW SHEET 2F11 . 10 . 105
N°REQUIRED 1	PLANT SABIZ	JOB 2F11	SHEET 1 OF 3

Rev.	Date	Drawn	
0	12.03.12	T.T.	ISSUED FOR INFORMATION
1	11.04.12	F.C.	ISSUED FOR MATERIAL SUPPLY – ORIENTATION DEFINED
2	22.08.12	F.C.	ISSUED FOR CONSTRUCTION – BURNER TYPE DEFINED
3			

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APPROVAL PROCESS IS DIGITALLY MANAGED, DETAILS DO NOT SHOW ON PAPER COPIES.

NOZZLES

POS.	SIZE	RATING	N°	SERVICE	THK.	NOZZLES ORIENTATION
S1	1000x 900	AS DWG.	1	AIR INLET	4	180°
S2	ø1500	AS DWG.	1	AIR OUTLET		℄
S3	–	SEE SHEET 2	1	BURNER CONNECTION		℄
S4	80	AS DWG.	1	SIGHT GLASS		300°
S5	1"M	ANSI B1.20.1 NPT 3000#	1	CLEANING AIR INLET	3,38	300°

NAME PLATE POSITION 90°

DESIGN DATA

		SHELL	TUBE	JACKET
OPERATING PRESSURE	Bar (g)	0,02		0,025
DESIGN PRESSURE	Bar (g)	0,035		0,035
HYDROSTATIC TEST PRESSURE	Bar (g)	–		–
PNEUMATIC TEST PRESSURE	Bar (g)	–		–
OPERATING TEMPERATURE	°C	200		1100
DESIGN TEMPERATURE	°C	250		1200
FLUID/SPECIFIC WEIGHT	Kg/dm3	AIR		AIR
HEAT EXCHANGE SURFACE	m2	–		–
HEAT TREATMENT		–		–
X–RAY TEST		–		–
PENETRATING LIQUIDS TEST		–		–
JOINT EFFICIENCY		0,7		0,7
CORROSION ALLOWANCE	mm	1		1
GEOMETRIC CAPACITY	litri	48500		48500
INSPECTION INSTITUTE		CUSTOMER		
CODE		STD. BALLESTRA		

WEIGHTS

EMPTY–STEEL 7700~ Kg OPERATING 23550~ Kg

MATERIALS

SHELL	A 283 – C
CONE	A 283 – C
BASE PLATE	CARBON STEEL
EXTERNAL NOZZLES	A 106 – B
BOLTS	CARBON STEEL
SHAPE	A 36
UNIVERSAL GASKETS	SEE SP. 1444/1

STD. DETAILS

	ENCLOSED DWG
WORKING DWG.	2F11.30.127/0
SIGHT GLASS TYPE : " K "	SB–ST–40272/1
REFRACTORY LINING :	SB–SP–1282/1
BRICKS DISPOSITION :	SB–PRS–SP005/0
PAINTING	SB–ATI–SP002/4
NAME PL. HOLDER	SB–PRS–00121/0
NAME PLATE	SB–PRS–00119/0
GENERAL NOTES	SB–PRS–SP001/0
LIFTING LUG TYPE : " 1 "	SB–ST–400168/0

INSULATION : 160 mm. (1x80=38 1x80=36 m2) = Kg. 750

NOTE: THE MANUFACTURER WILL SUPPLY THE NOZZLES WITH COUNTER–FLANGES, BOLTS, NUTS, AND GASKETS.
BURNER TYPE : BALTUR FS IBR 6GL ACOM

RIF. 2D03.35.127