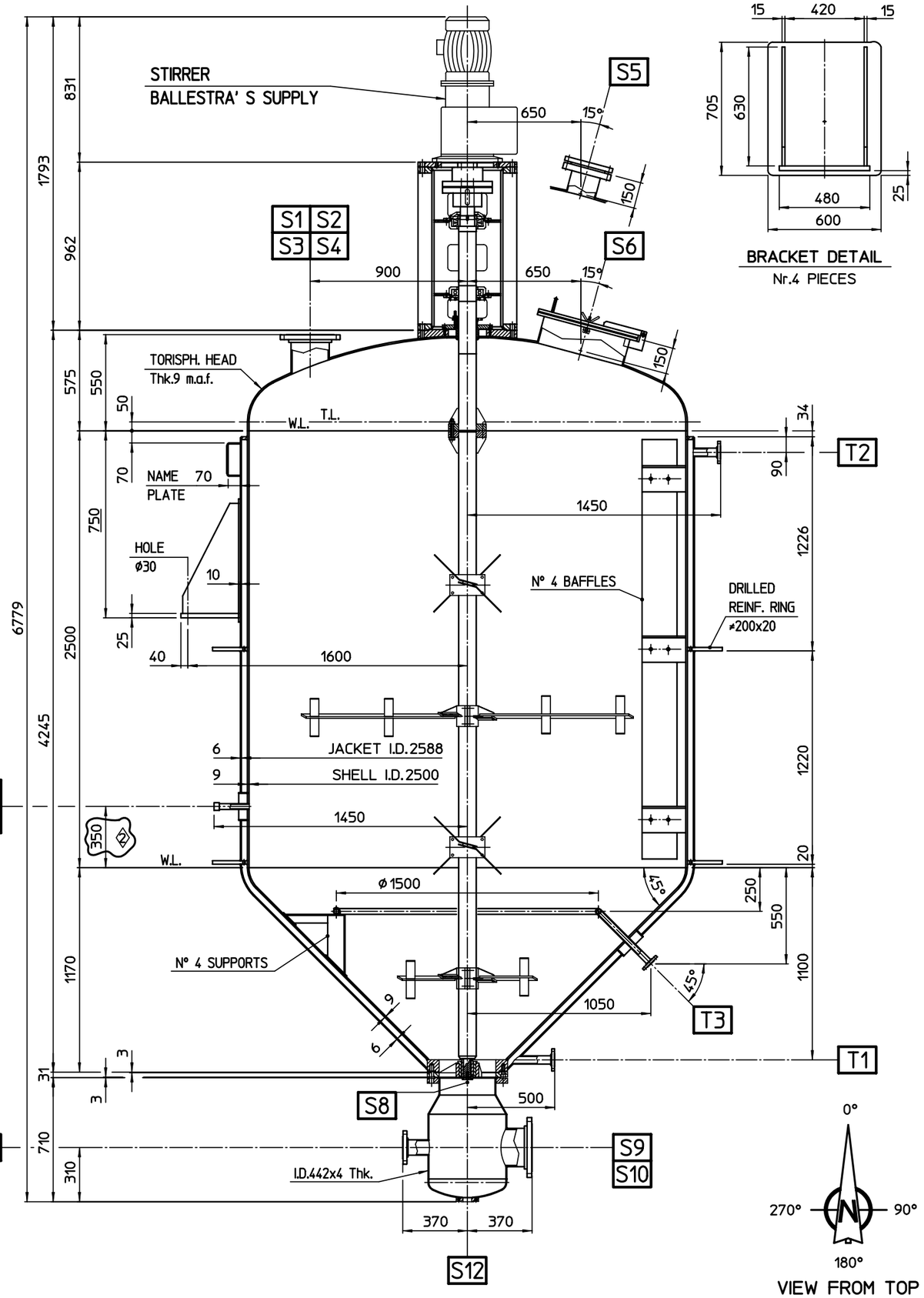

BRACKET DETAIL
Nr.4 PIECES

desmet ballestra

ITEM 63A2 — N°REQUIRED 1

CUSTOMER

SLURRY AGEING VESSEL

DWG. 1E35. 35 . 1145-1

FLOW SHEET 1E35 . 10 . 1104

PLANT SABIZ 25000 — JOB 1E35Z — SHEET 1 OF 2

Rev.	Date	Drawn	Description
0	22.09.10	G.R.	ISSUED FOR INFORMATION
1	24.09.10	G.R.	ISSUED FOR CONSTRUCTION AND ORIENTATION
2			
3			
4			

THE MASTER VERSION OF THIS DOCUMENT IS STORED AS A DIGITAL FILE IN A SOFTWARE ARCHIVE - APPROVAL PROCESS IS DIGITALLY MANAGED, DETAILS DO NOT SHOW ON PAPER COPIES.

NOZZLES

POS.	SIZE	RATING/FACING	N°	SERVICE	THK.	NOZZLES ORIENT.
S1	8"	S.O.-R.F. 150#	1	SLURRY INLET	6.35	225°
S2	10"	S.O.-R.F. 150#	1	SLURRY INLET	6.35	180°
S3	10"	S.O.-R.F. 150#	1	SLURRY INLET	6.35	0°
S4	6"	S.O.-R.F. 150#	1	SLURRY INLET	6.35	90°
S5	6"	AS DWG.	2	SIGHT GLASS	6.35	145° / 325°
S6	20"	AS DWG.	1	MANHOLE	5	270°
S7	1"F	ASME B1.20.1 NPT 3000#	1	TI CONNECTION	3.38	45°
S8	300	UNI PN 16 2229	1	SLURRY OUTLET	-	℄
S9	8"	S.O.-R.F. 150#	1	SLURRY OUTLET	6.35	0°
S10	8"	S.O.-R.F. 150#	1	SLURRY OUTLET	6.35	180°
S11	3"	S.O.-R.F. 150#	1	LT CONNECTION	3.96	90°
S12	1-1/2"	ANSI 150# F.F.	1	BOTTOM DISCHARGE	-	℄
S13	1"F	ASME B1.20.1 NPT 3000#	1	TE CONNECTION	3.38	65°
T3	1"	S.O.-R.F. 150#	1	VB INLET	3.38	135°
T2	1-1/2"	S.O.-R.F. 150#	1	WH OUTLET	3.68	245°
T1	1-1/2"	S.O.-R.F. 150#	1	WH INLET	3.68	240°

BRACKETS POSITION: 45° / 135° / 225° / 315°

NAME PLATE POSITION: 270°

DESIGN DATA

		SHELL	JACKET	TUBE
OPERATING PRESSURE	Bar (g)	ATM	1	
DESIGN PRESSURE	Bar (g)	ATM	1.5	
HYDROSTATIC TEST PRESSURE	Bar (g)	FILLING H2O	2	
PNEUMATIC TEST PRESSURE	Bar (g)	-	-	
OPERATING TEMPERATURE	°C	60	75	
DESIGN TEMPERATURE	°C	85	85	
FLUID/SPECIFIC WEIGHT	1.3 Kg/dm3	SLURRY	WATER	
HEAT EXCHANGE SURFACE	m2	-	26~	
HEAT TREATMENT		-	-	
X-RAY TEST		-	-	
PENETRATING LIQUIDS TEST		-	-	
JOINT EFFICIENCY		0.7	0.7	
CORROSION ALLOWANCE	mm	-	-	
GEOMETRIC CAPACITY	litri	~14100	~930	

INSPECTION INSTITUTE: CUSTOMER

CALCULATION CODE: STD. BALLESTRA

WEIGHTS

EMPTY ~5400 Kg — OPERATING ~25800 Kg

WITH STIRRER ~6300 Kg — WATER FILLED ~20430 Kg

MATERIALS

SHELL - HEAD - CONES - JACKET	A 516 - 60
LUMPS	A 105
FLANGES - COUPLINGS	A 105
NOZZLES - INTERNAL DUCT	A 106 B
BRACKETS	A 516 - 60
GASKETS	SEE SP.1444/1
STUD BOLTS	A 193 B7
NUTS	A 194 2H
SHAFT	A 194 2H

STD. DETAILS

	ENCLOSED DWG.
WORKING DWG.	1E35-30-1145/0
PAINTING	SB-ATI-SP002/4
NAME PL. HOLDER	ST. 0377/1
NAME PLATE	SB-PRS-00120/1
MANHOLE	ST. 40303/2
SIGHT GLASS "S5" TYPE "K"	ST. 40884/1
GENERAL NOTES	SB-PRS-SP001/0

INSULATION : 50 mm. (37 m2)

NOTE :

Comp. Code 2C57-63A2-F1-R2.mi

Ricavato da: 2A09-63A2-F1-R1