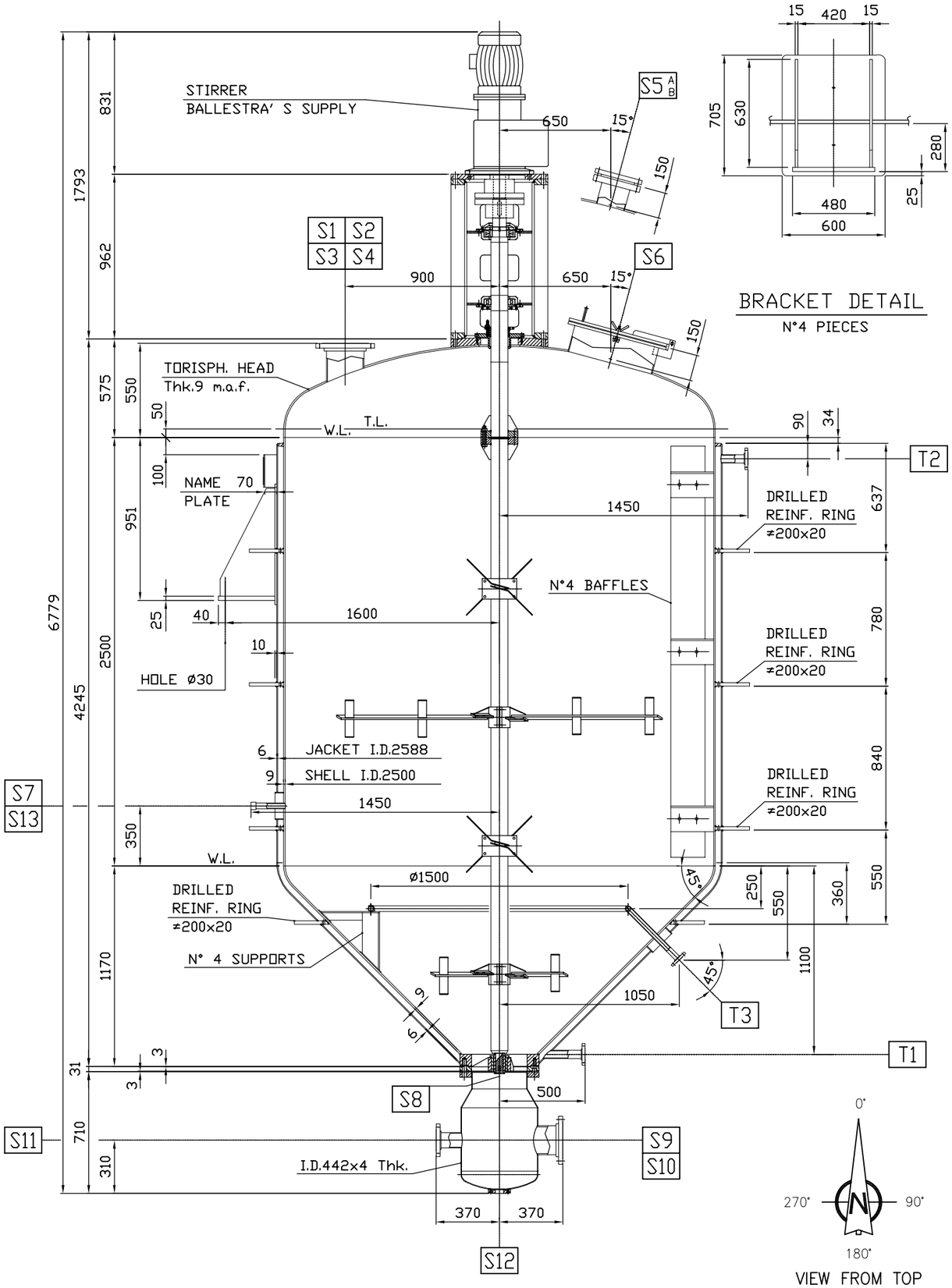

VIEW FROM TOP

BRACKET DETAIL
N°4 PIECES

desmet ballestra

ITEM 63A2
N°REQUIRED 1

CUSTOMER

SLURRY AGEING UNIT

PLANT SABIZ | JOB 2F11

DWG. 2F11 . 35 . 120
FLOW SHEET 2F11 . 10 . 104
SHEET 1 OF 2

Rev.	Date	Drawn	
0	28.02.12	T.T.	ISSUED FOR INFORMATION
1	11.04.12	F.C.	ISSUED FOR CONSTRUCTION – ORIENTATION DEFINED
2	14.05.12	F.C.	ISSUED FOR CONSTRUCTION – T3 NOZZLE ORIENTATION MODIFIED
3			
4			
5			

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

POS.	SIZE	RATING	N°	SERVICE	THK.	NOZZLES ORIENT.
S1	6"	S.O. - R.F. 150#	1	SLURRY INLET	6.35	180°
S2	6"	S.O. - R.F. 150#	1	SLURRY INLET	6.35	0°
S3	6"	S.O. - R.F. 150#	1	SLURRY INLET	6.35	135°
S4	4"	S.O. - R.F. 150#	1	SLURRY INLET	6.02	270°
S5 A/B	6"	AS DWG.	2	SIGHT GLASS	6.35	45° / 225°
S6	20"	AS DWG.	1	MANHOLE	5	90°
S7	1" F	ASME B1.20.1 NPT 3000#	1	TI CONNECTION	3.38	270°
S8	300	UNI PN 16 2229	1	SLURRY OUTLET	-	℄
S9	6"	S.O. - R.F. 150#	1	SLURRY OUTLET	6.35	0°
S10	6"	S.O. - R.F. 150#	1	SLURRY OUTLET	6.35	180°
S11	3"	S.O. - R.F. 150#	1	LT CONNECTION	3.96	270°
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	225°
T3	1"	S.O. - R.F. 150#	1	VB INLET	3.38	315°
T2	1 1/2"	S.O. - R.F. 150#	1	WH OUTLET	3.68	270°
T1	1 1/2"	S.O. - R.F. 150#	1	WH INLET	3.68	270°

BRACKETS POSITION: 45° 135° 225° 315°

NAME PLATE POSITION: 90°

MATERIALS

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

DESIGN DATA

		SHELL	JACKET	COIL
OPERATING PRESSURE	Bar (g)	ATM	1	
DESIGN PRESSURE	Bar (g)	ATM	1.5	
HYDROSTATIC TEST PRESSURE	Bar (g)	FILLING H20	2	
PNEUMATIC TEST PRESSURE	Bar (g)	–	–	
OPERATING TEMPERATURE	°C	60	70	
DESIGN TEMPERATURE	°C	85	85	
FLUID/SPECIFIC WEIGHT	1.6 Kg/dm3	SLURRY	WH	
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		
CODE		STD. BALLESTRA		

WEIGHTS

EMPTY 5400~ Kg | OPERATING 25800~ Kg
WITH STIRRER 6300~ Kg | WATER FILLED 20430~ Kg

STD. DETAILS	ENCLOSED DWG.
WORKING DWG .	2F11-30-120/0
PAINTING	SB-ATI-SP002/4
GENERAL NOTES	SB-PRS-SP001/0
NAME PLATE HOLDER	SB-ST-0377/0
NAME PLATE	SB-PRS-00120/0
MANHOLE	SB-ST-40303/2
SIGHT GLASS TYPE "K"	SB-ST-40884/1

INSULATION : 50 mm (37 m2)

NOTE :

RIF. 2D03.35.120