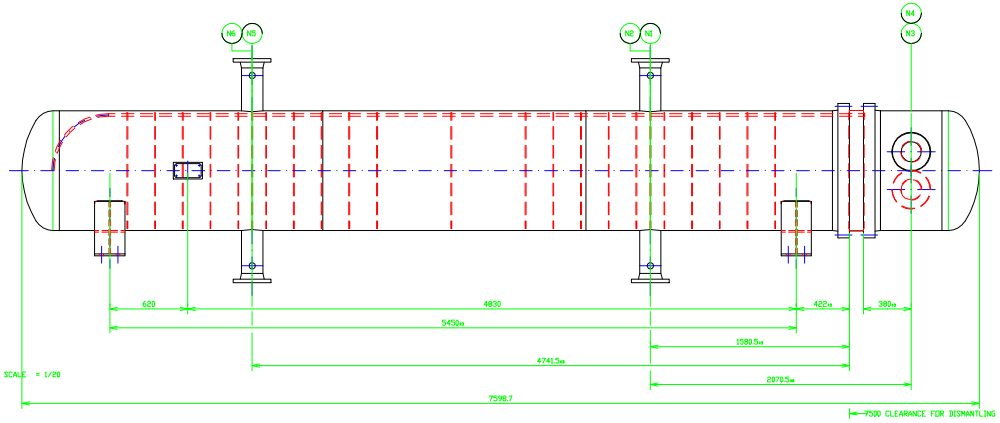

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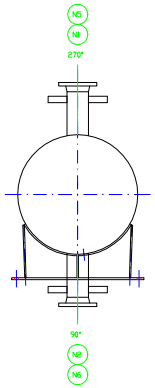

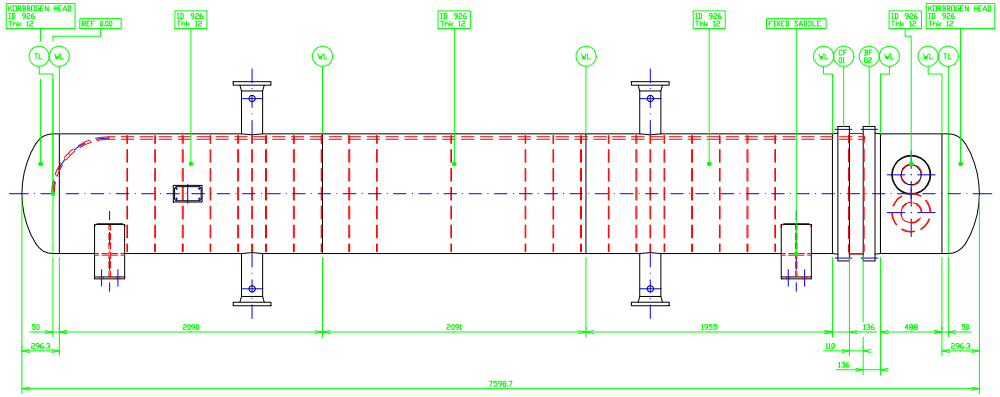

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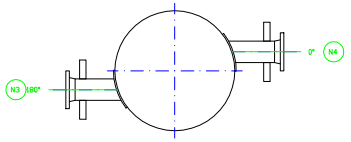

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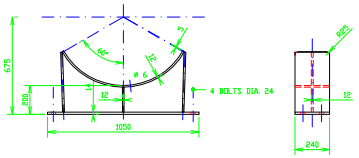
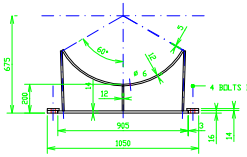
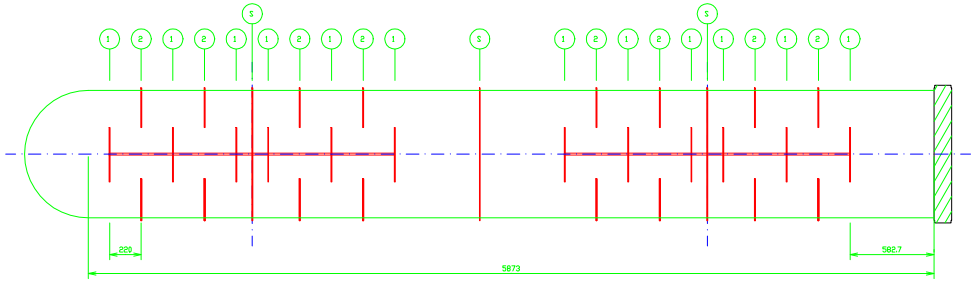
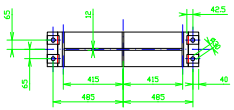






BAFFLES THICKNESS = 6.3 / SUPPORT PLATES THICKNESS = 6.3



MATERIALS

	SHELLS-HEADS	P265GH	
	CHANNEL FLANGES BF02	BF48	
	COVER		
	NUTS OF A AND BL FLANGES		
	STUD BOLTS, A/BL FLAN.		
CHANNEL	NUTS OF FLANGES CF01-BF02		
	STUD BOLTS, FLA. CF01-BF02	B2CDV4MT	
	PASS PARTITION	P265GH	
	PLUGS / COUPLINGS		
	LIFTING LUGS		
	NOZZLE FLANGE	BF48	
	NOZZLE NECK	TUE250B	
	NOZZLE REINF.	P265GH	
	TIE RODS AND NUTS		
BUNDLE	SLID. RAIL/PASS. STRIP		
	BAFFLES/SUPPORT PLATES		
	SPACERS		
	TUBES	TU37c	
	TUBESHEET	13 CrMo 4 4	
	LIFTING DEVICE		
FLOATING HEAD	NUTS		
	STUD BOLTS		
	PASS PARTITION		
	COVER		
	FLOATING HEAD FLANGE		
	BACKING DEVICE AND SPLICE		
GASKET	SHELL SIDE		
	TUBE SIDE		
	FLOATING HEAD		
	SHELLS-HEADS	P265GH	
	CHANNEL FLANGES CF01		
	SUPPORT SADDLES	HII	
	SUPP. WEAR PLATE/STIF.		
SHELL	COMPANION FLANGE		
	PLUGS / COUPLINGS		
	NOZZLE FLANGE	BF48	
	NOZZLE NECK	TUE250B	
	NOZZLE REINF.	P265GH	
	EARTHING		
	SHELLS-HEADS	P265GH	
	CHANNEL FLANGES		
	NUTS OF D AND E FLANGES		
	STUD BOLTS, D/E FLANG.		
SHELL COVER	LIFTING LUGS		
	TEST RING AND GLAND		
	PACKING		
	EYE BOLT		
	STUD BOLTS		
	INSULATION SUPPORTS		

DESIGN DATA

		SHELL	CHANNEL
DESIGN CODE : AD-MERKBLAETTER AUSGABE 2003			
AUTHORIZED INSPECTOR :			
WIND CODE :			
EARTHQUAKE CODE :			
No. OF PASSES SS / TS		2	6
SERVICE			
FLUID			
OPERATING PRESSURE	MPa		
OPERATING TEMPERATURE	Deg C		
FLUID DENSITY		1	1
CATEGORY			
DESIGN PRESSURE	MPa	2	3
AT DESIGN TEMPERATURE	Deg C	200	120
EXT. DESIGN PRESSURE	MPa		
AT DESIGN TEMPERATURE	Deg C		
DESIGN DIFF. PRESSURE	MPa		
AT DESIGN TEMPERATURE	Deg C		
M.D.M.T AT DESIGN PRES	Deg C		
CORROSION	mm		
INTERNAL CORROSION	mm		
JOINT EFFICIENCY		0.85	0.85
STRESS RELIEVED		NO	NO
RADIOGRAPHIC EXAMINATION		10%	10%
SHOP TEST PRESSURE	MPa	3.12	4.29
PAINTING AREA	m2	24	
INSULATION THICKNESS	mm	250	250
CAPACITY	m3	2.315	1.606
No. OF ITEMS		1	
AREA	m2	/	
TYPE		BHU	

WEIGHT (daN)

BUNDLE	LIFTING	OPERATING	TEST
8413	11183	15343	

FOUNDATION LOADS

	OPERATING	
	FIXED SADDLE	SLIDING SAD.
VERTICAL LOAD RaV daN	9854	5488.1
HORIZONTAL LOAD T RaHT daN		
HORIZONTAL LOAD L RaHL daN	-4390.5	4390.5
CIRCUMF. B. MOMENT AmT daN.m		
LONGITU. B. MOMENT AmL daN.m	-2963.6	2963.6

NOZZLE TABLE

MARK	NB	DESIGNATION	MARK AXIS	NOZZLE NECK EXT.D	Thk	SCH	FLANGES DN	TYPE	CLAS.	FACE	REINF. Thk	WIDE
N1	1	SHELL INLET	890	168.3	4.5		150	WN	40			
N5	1	SHELL INLET	890	168.3	4.5		150	WN	40			
N2	1	SHELL OUTLET	890	168.3	4.5		150	WN	40			
N6	1	SHELL OUTLET	890	168.3	4.5		150	WN	40			
N3	1	CHANNEL INLET	865	168.3	4.5		150	WN	40		12	70
N4	1	CHANNEL OUTLET	865	168.3	4.5		150	WN	40		12	70

Revision	Date	Désignation	Dessiné par	Vérifié par	Approuvé

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78232 LE PECQ Cedex

microprotol

J. MABRES, S.L.
BARCELONA

Feuille : 1
Révision No : 2

Item : Plano de conjunto

Projet : Intercambiador de calor

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