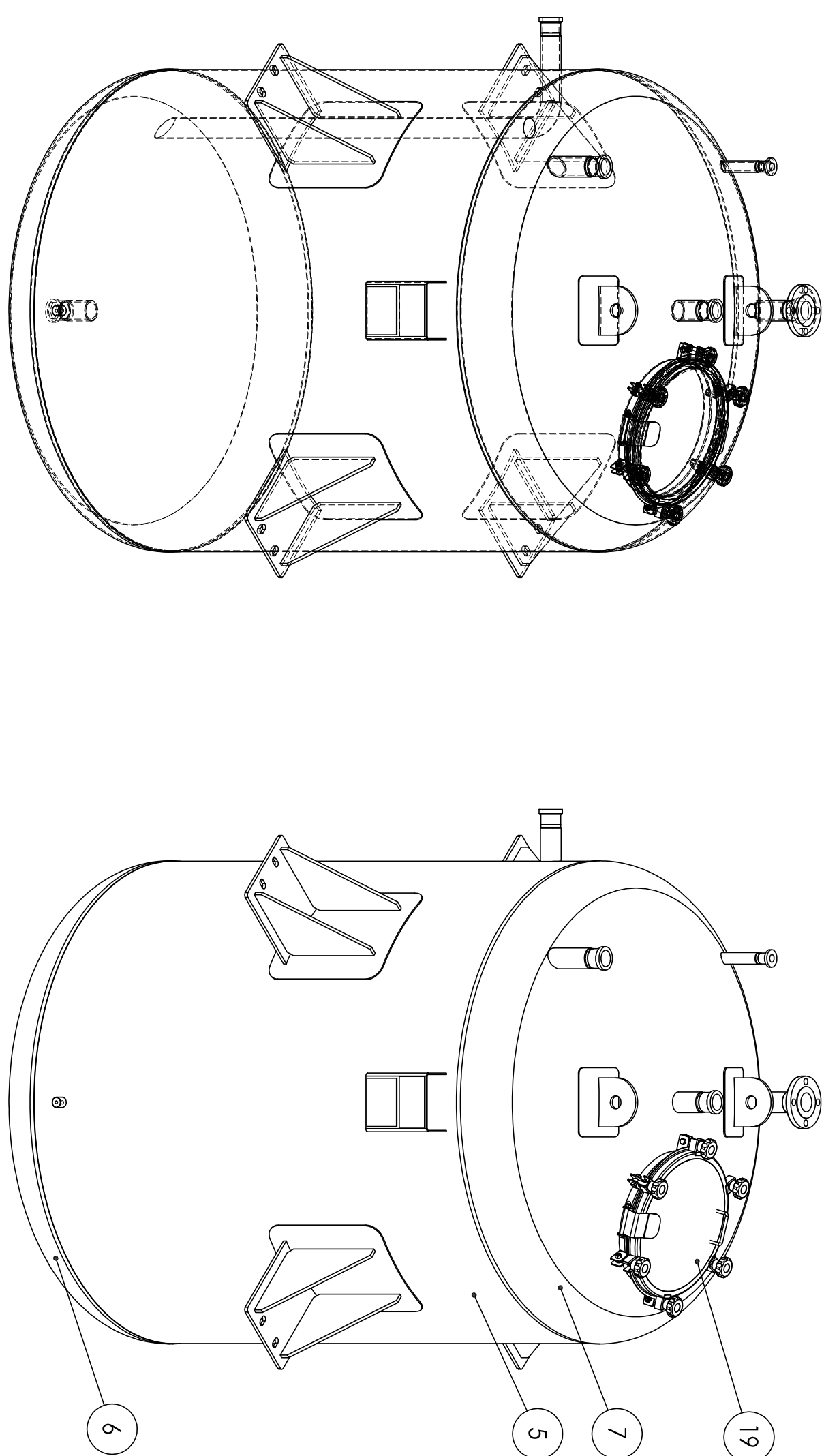
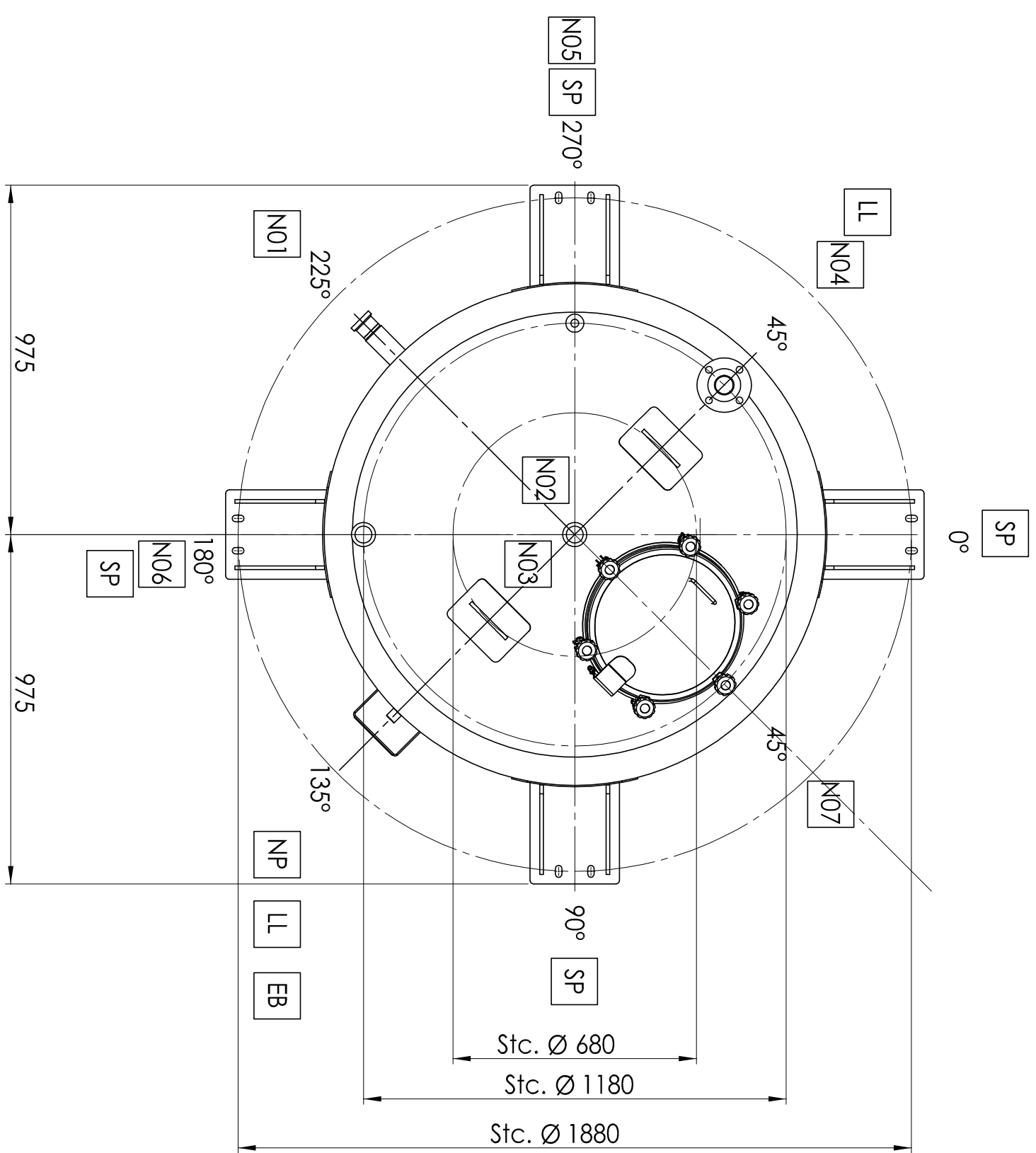




GENERAL DATA			
DESIGN CODE	SHELL	JACKET	COIL
INSPECTION	ASME Boiler & Vessel Code Section VIII, div. 1		
DESIGN PRESSURE	WESTRA RVB BY / GEIA NIBRO PT B.V.		
DESIGN TEMPERATURE	-12 / 45		ASIA
DESIGN PRESSURE	25 / 10	-	KG
OPERATING TEMPERATURE	0 / 41,60		°C
VOLUME	58,5		m³
CORROSION ALLOWANCE	2900		µA
JOINT EFFICIENCY	0	0	mm
K-RAV	0,7	1W spell = 0,6	%
MEDIUM	COFFEE		kg/m³
WEIGHT EMPTY	407		KG
WEIGHT FULL OF WATER	3310		KG
WELDING METHOD	ACC, PED		
LOCATION	INDOOR		
FINISH			

SURFACE TREATMENT
INSIDE

ate Finish 2B

weirs	Frased and postdrilled and internally grouted (R ₁ = 0.8 micron, 28 finish)
Shell heads weirs	OUTSIDE Plate Finish 28 Picked and postdrilled

MATERIALS

Electro Scientific	AS 304 or 304L
Shell	AS 304 or 304L
Pipes	AS 304 or 304L
Clacked	AS 304 or 304L
Flange	AS 304 or 304L
Supports	AS 304 or 304L
Gaskets	EPDM (with FDA conformity)
Bolts / nuts	Internal A2-70 / External A4-70
Welds	N/A
Clauding insulation	N/A
Electric heating	N/A

REMARKS

- bolt holes in the ridges to straddle centerlines unless shown otherwise
- For Orientation see: topview
- Before transport, all connections suitable blanked
- material certificates in Manufacturing Data Book

PROCESS CONNECTION		
ITEM	QTY.	REMARKS
N1	1	
N2	1	
N3	1	
N4	1	
N5	1	
N6	1	
N7	1	
SP	2	
NP	1	
EB	1	

Note:

Pipeconnection: pipe > ferrule.

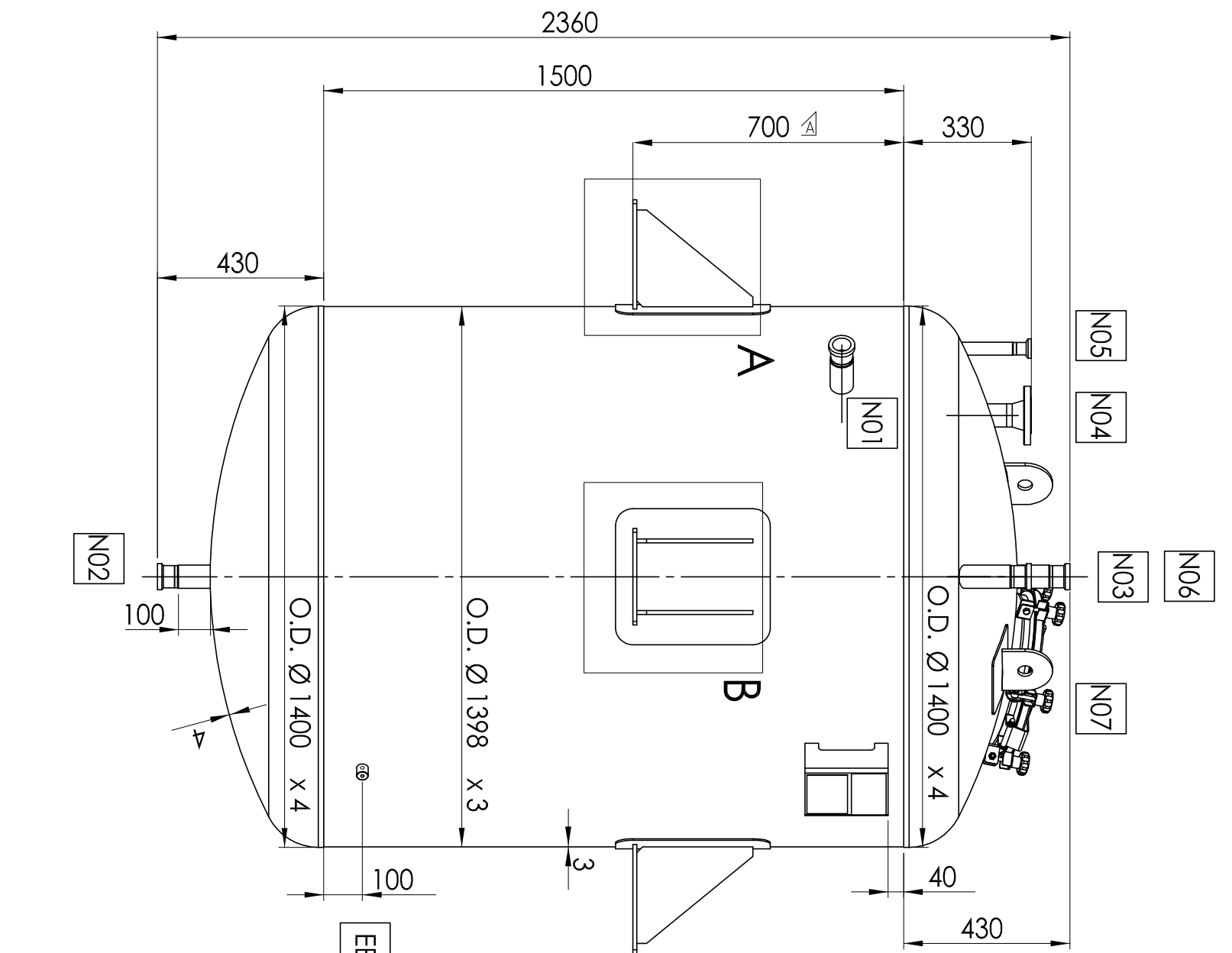
Nbr.	Qty.	DESCRIPTION	Specification	Thickness	Material	Comments
24	1	Round Bar Ø30	L=30		ANSI 304 (L)	
23	1	Pipe Ø60/33x5.54	L=199.35		ANSI 304 (L)	
22	4	Weldedms 2" Hline 15WHI	d=657.15 D=67.50		ANSI 304 (L)	
21	1	Welding Neck Flange 2" 15GR SCH 10 S	ANSI B16.5		ANSI 304 (L)	
20	1	Weldedms 1" Hline 15WHI	d=631.75 D=60.67		ANSI 304 (L)	
19	1	Manhole DN 400			ANSI 304 (L)	
18	1	Manhole Westra	150x60	2	ANSI 304 (L)	
17	1	Manhole NINO	140x105	2	ANSI 304 (L)	delivery by Client
16	1	Plate	356x215	4	ANSI 304 (L)	
15	2	Plate	142x131	10	ANSI 304 (L)	
14	2	Plate	200x160	4	ANSI 304 (L)	
13	1	Pipe Ø60/33x5.54	L=93		ANSI 304 (L)	
12	1	Pipe Ø60/30x2	L=1324.10		ANSI 304 (L)	
11	1	Pipe Ø60/33x5.54	L=142		ANSI 304 (L)	
10	8	Plate	300x250	10	ANSI 304 (L)	
9	4	Plate	355x315	4	ANSI 304 (L)	
8	4	Plate	285x280	10	ANSI 304 (L)	
7	1	Decimal Head	Ø1400x4 H=280		ANSI 304 (L)	
6	1	Decimal Head	Ø1400x4 H=280		ANSI 304 (L)	
5	1	Plate	438x1500	3	ANSI 304 (L)	
4	1	Laspocon 90°	Ø60.3x2 R=76.2		1.40x4	
3	1	Pipe Ø60/33x5.54	L=125		ANSI 304 (L)	
2	1	Pipe Ø33.40x4.55	L=144		ANSI 304 (L)	
1	1	Pipe Ø60/33x5.54	L=93		ANSI 304 (L)	

DIMENSIONS IN MM	MATERIAL:		Format: A1
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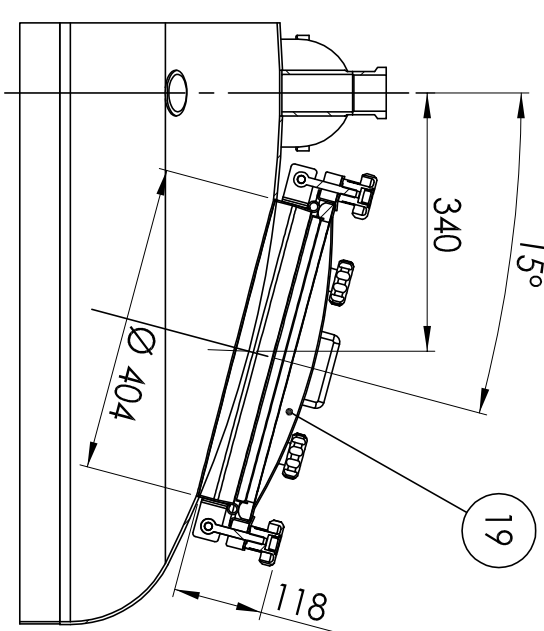
DRAWN BY:	P. Terpsita	04-04-2013	CLIENT:	GEA Nitro PT B.V.	
CONTROLLED:	H. Bok	04-04-2013			

Feedtank 3 m3

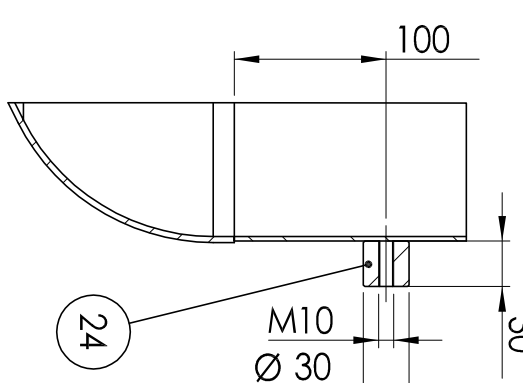
 MESTRA BV Reconstructie en Industriële	BLUOREN 75 8381 KD Eindhoven (Fr.) Tel. 051-4504146 Fax 051-450426	Dwg. nr.: 80-726-01	SHEET 1-2
REVISION: rev-A	DATE: 08-04-2013		



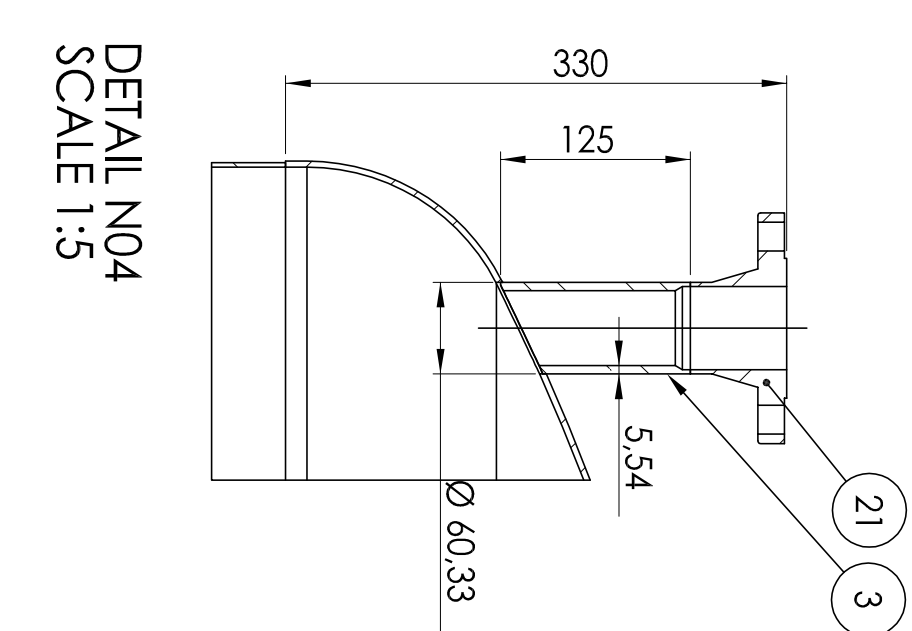
DETAIL N07
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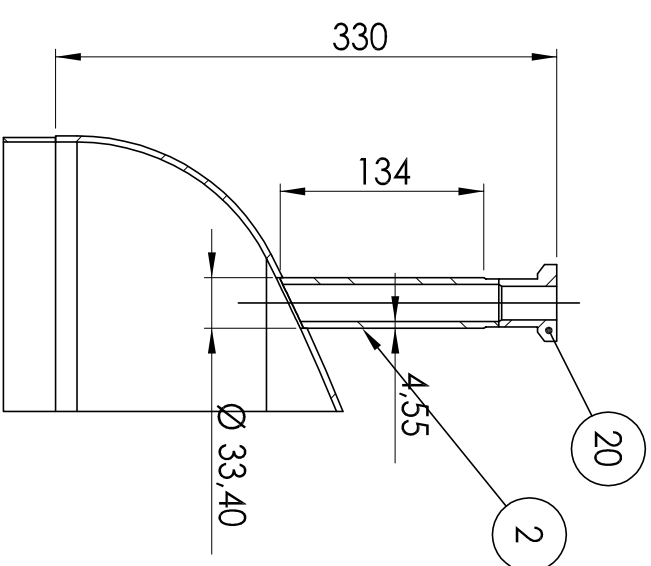
DETAIL EB
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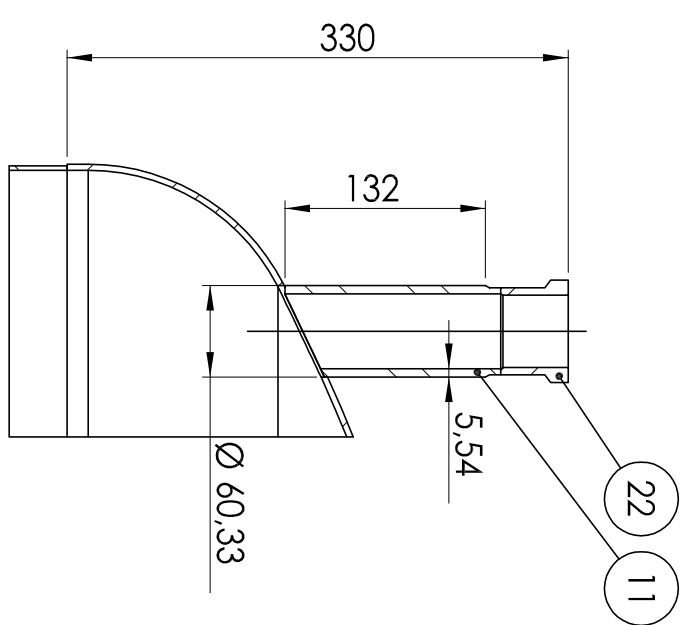
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DETAIL N04
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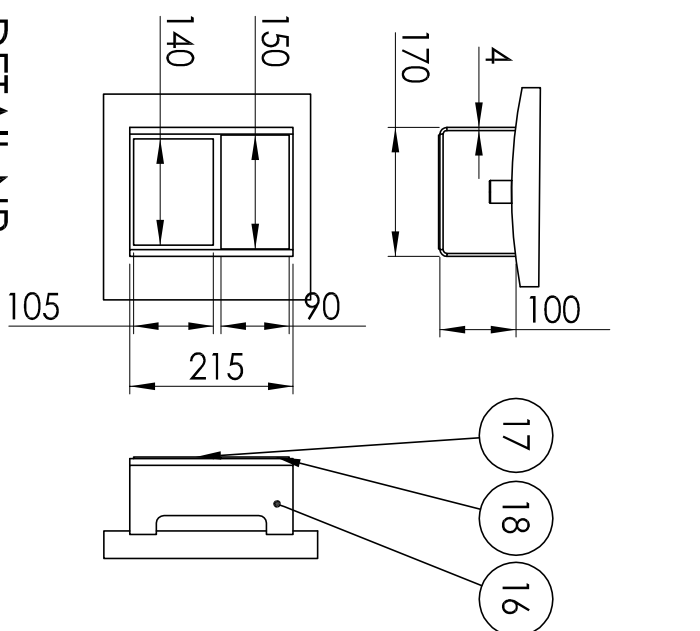


DETAIL N05
SCALE 1:5



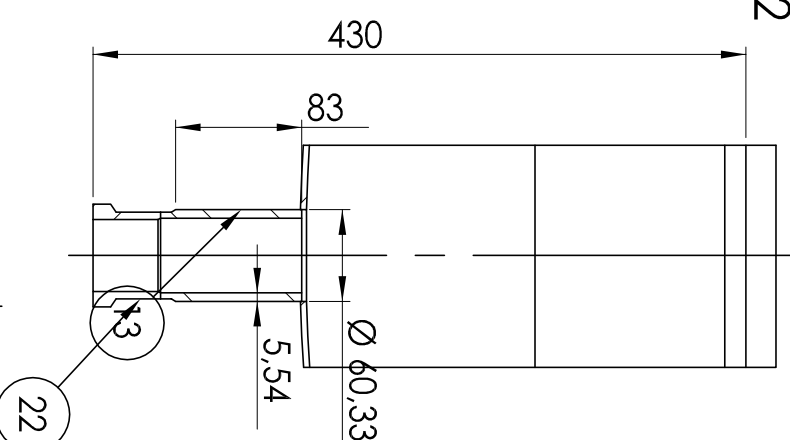
DETAIL NO. 6
SCALE 1:5

DETAIL N02
SCALE 1:5

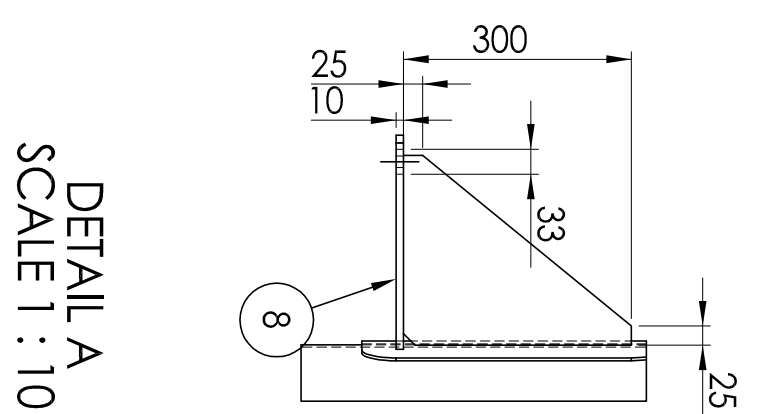
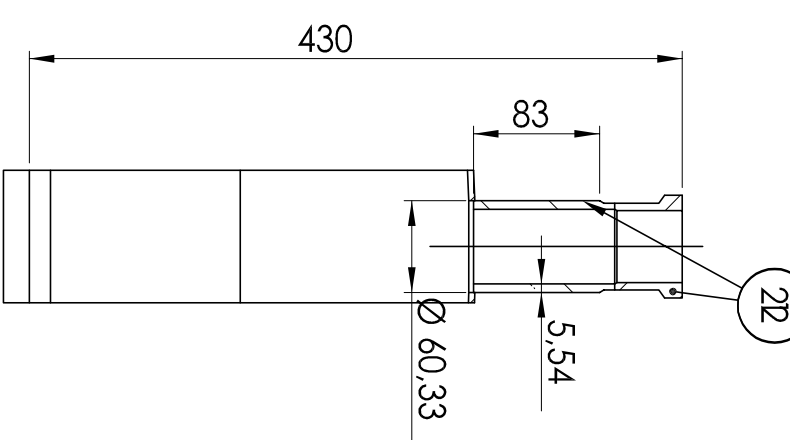


DETAIL NP
SCALE 1:10

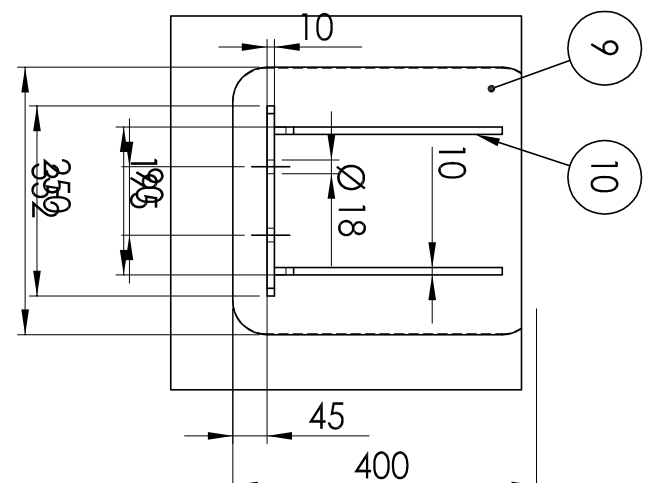
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SCALE 1:5



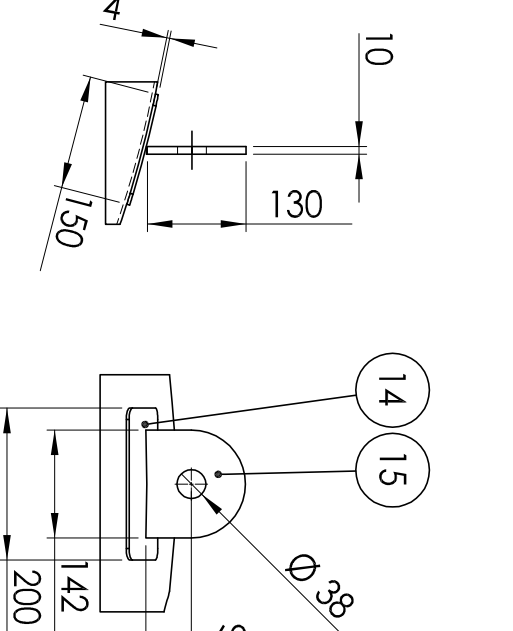
DETAIL NO1
SCALE 1:10



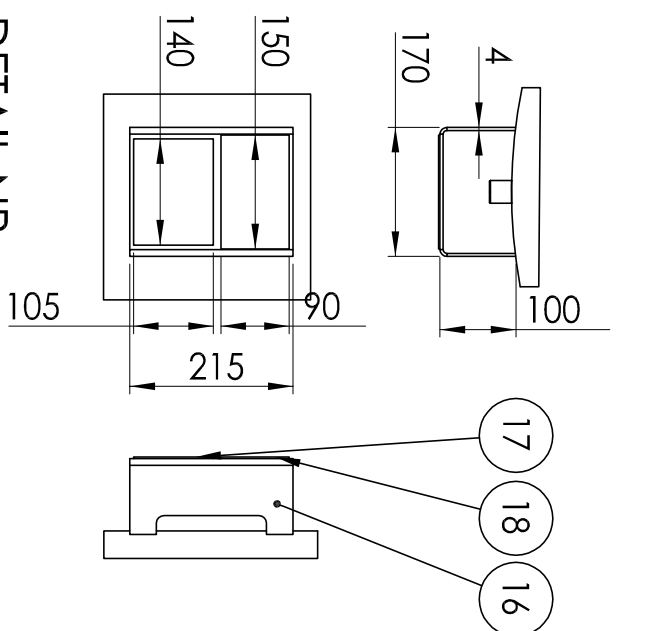
DETAIL A
SCALE 1:10



DETAIL B
SCALE 1:10



DETAIL Lifting Lug
SCALE 1:10



DETAIL NP
SCALE 1:10