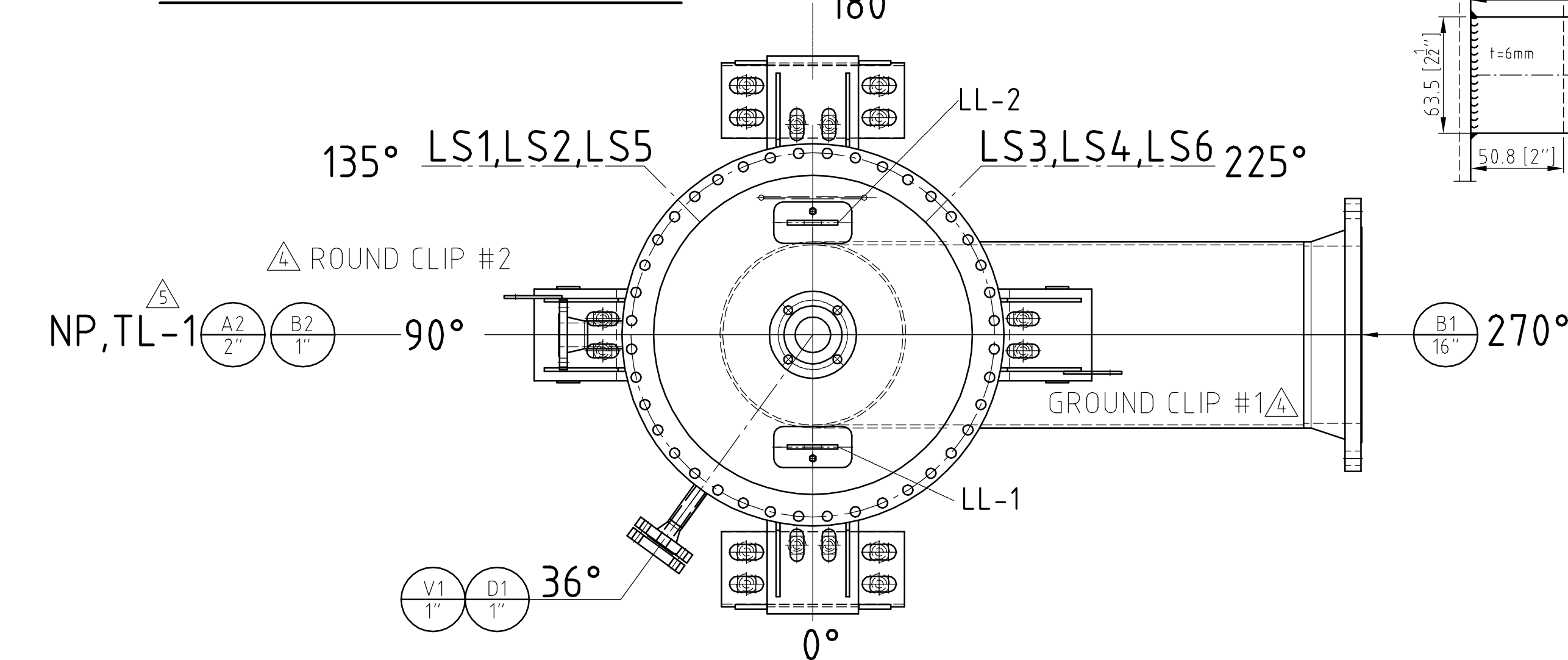
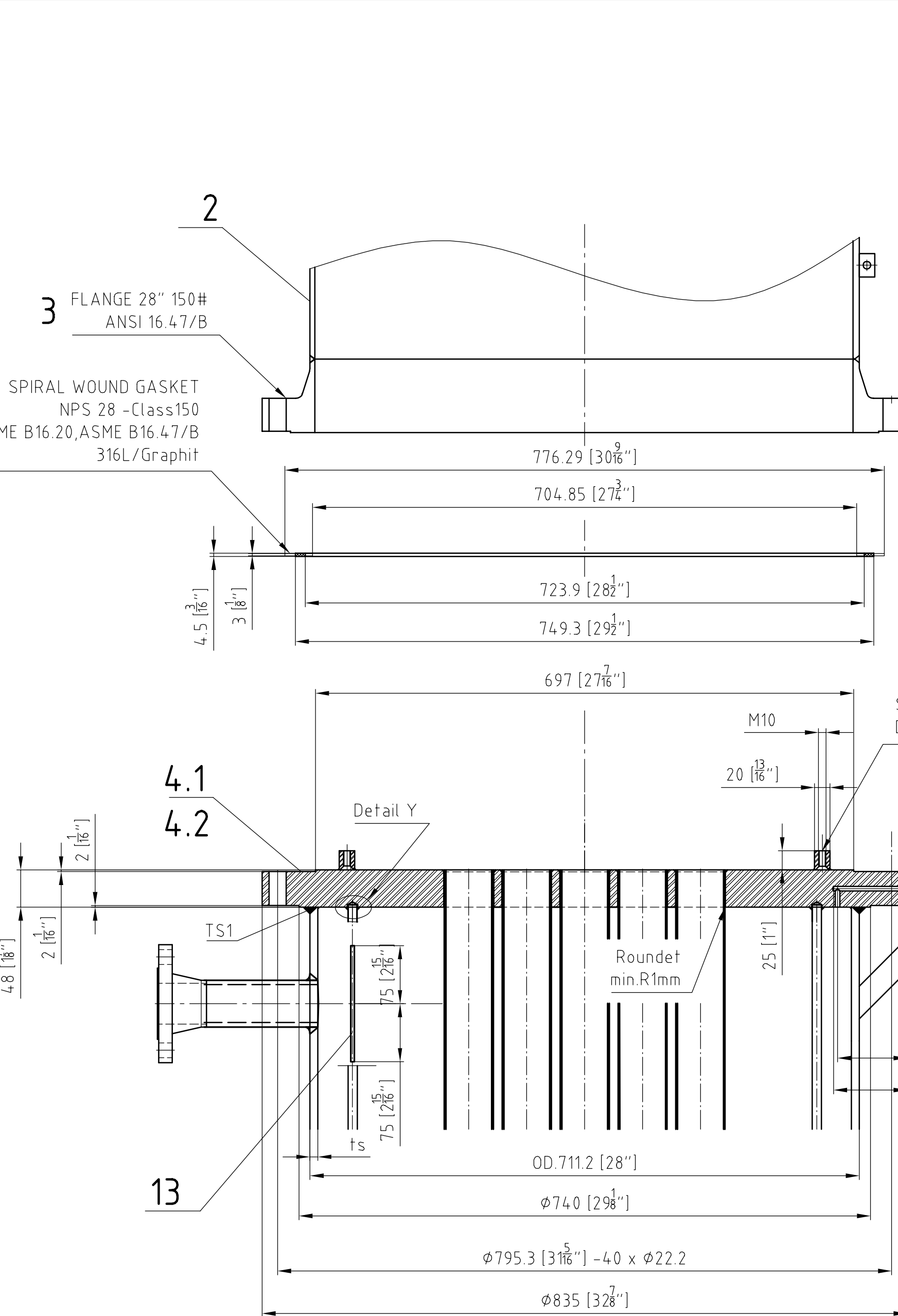
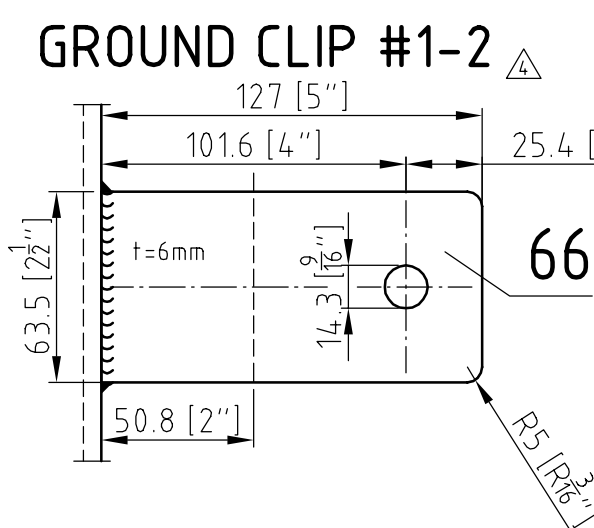


Nozzle-Orientation



- 2) ATTENTION:
- Hydrostatic Test
 - Pickling and Passivation
 - Final assembly
 - Shipping

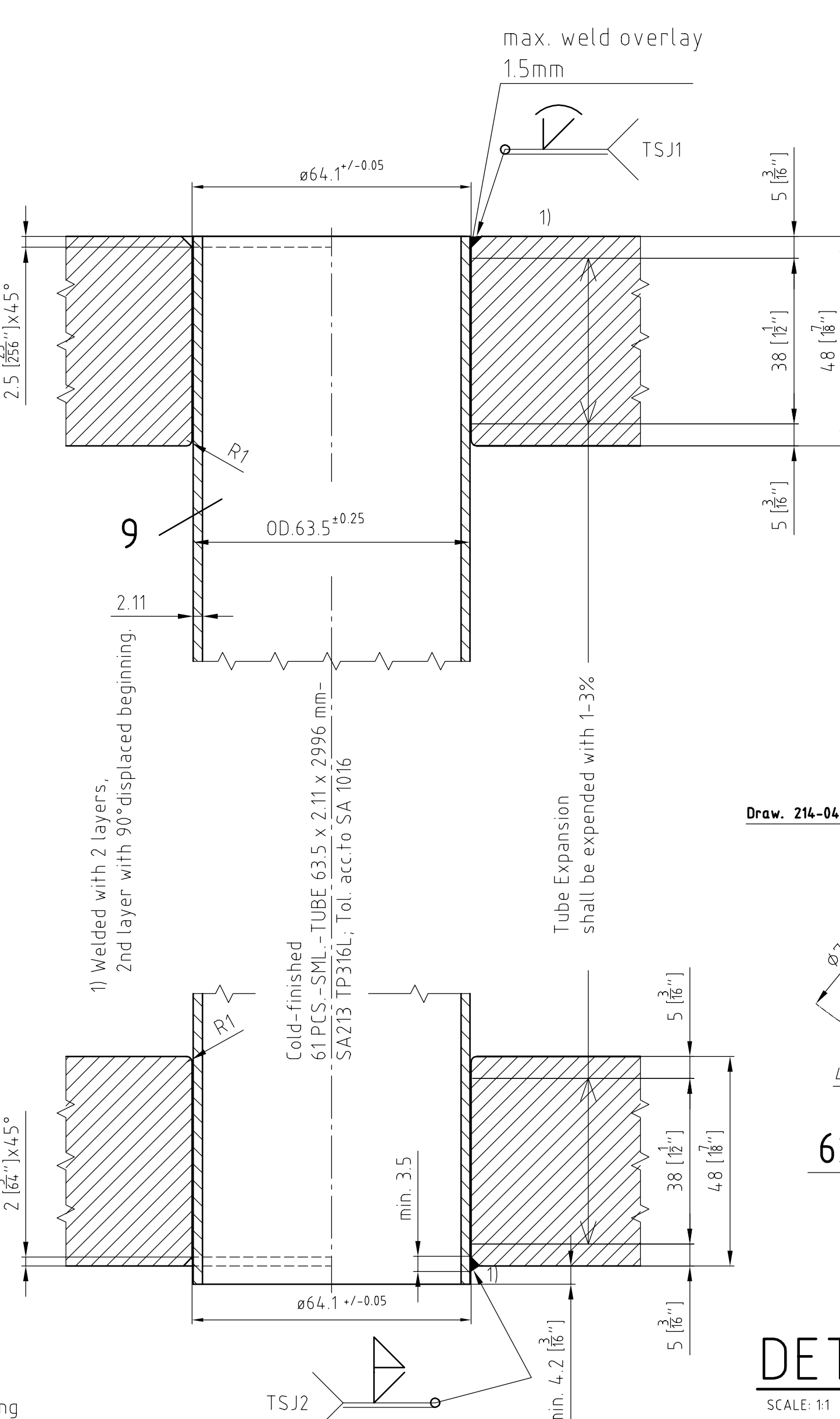
63,64,65,1,65.2
Ma=200Nm



POS. 61

DETAIL TUBE SHEET JOINT

Scale 1:1

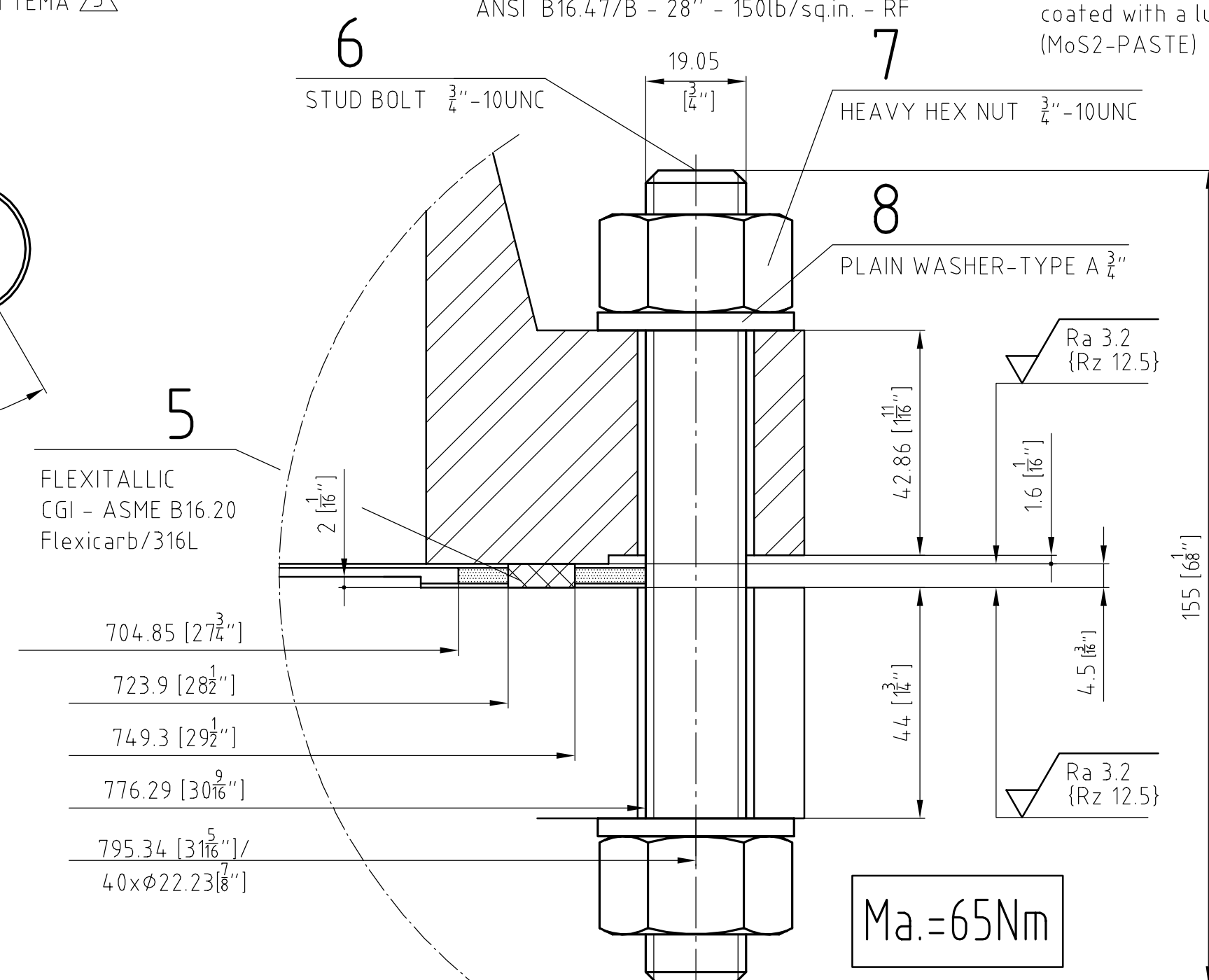


DETAIL

SCALE 1:1

MAINFLANGE CONNECTION/ Hauptflansch-Verbindung

ANSI B16.47/B - 28" - 150lb/sq.in - RF

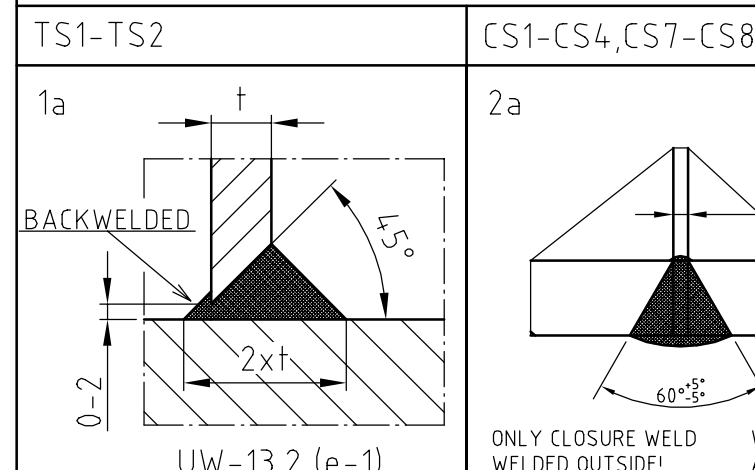


SEALING SURFACE


Ra 3,2 (Rz 12,5)
125 AARH

-FREILIEGENDE INNENKANTEN MÜSSEN GEFAST ODER GERUNDET SEIN!
-EXPOSED INSIDE EDGES SHALL BE CHAMFERED OR ROUNDED.

EDGE PREPARATION FOR WELDING



Stützenlasten / Nozzle loads T-3230 acc. to TS 25-0303

	Apparat	Stützen	Nenn- weite	Forces (N)		
	Item	Nozzle	Dimension	P	VL V1	VC V2
	X-3230	A2	2"	2300	3100	2300
	X-3230	A1	3"	3500	4100	3000

TS1-TS2	CS1-CS4, CS7-CS8, LS1-LS7	NI1-NI3	NS1-NS4	GENERAL FILLET WELD	CS5, CS6
1a	2a	3a	4a	5a	6a

DESIGN	SIZE	RATING	TYPE	FLANGE	FAC	MATERIAL	SCHED	THICK	STUTZEN	PRODUCE	INCH	mm	NOZZLE PROJ.	FUNCTION
A1	3"	150#	B16.5	WN	RF	SA182-F316L	40S	5.4mm	SA182-F316L	SEAMLESS	3.50	88.9	-	PRODUCT INLET
A2	2"	150#	B16.5	WN	RF	SA182-F316L	40S	3.9mm	SA182-F316L	SEAMLESS	2.375	60.3	-	STEAM INLET
B1	16"	150#	B16.5	WN	RF	SA182-F316L	PL 9.1875	5 mm	SA182-F316L	WELDED	16	406.4	-	PRODUCT OUTLET
B2	1"	150#	B16.5	WN	RF	SA182-F316L	40S	3.8mm	SA182-F316L	SEAMLESS	13.15	334	-	CONDENSATE OUTLET
D1	1"	150#	B16.11	WN	RF	SA182-F316L	40S	3.8mm	SA182-F316L	SEAMLESS	13.15	334	-	DRAIN
V1	1"	150#	B16.11	WN	RF	SA182-F316L	40S	3.8mm	SA182-F316L	SEAMLESS	13.15	334	-	VENT
Z1	28"	150#	B16.47-B	WN	RF	SA182-F316L	40S	3.8mm	SA182-F316L	SEAMLESS	13.15	334	-	BODY FLANGE

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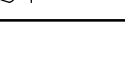
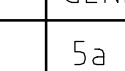

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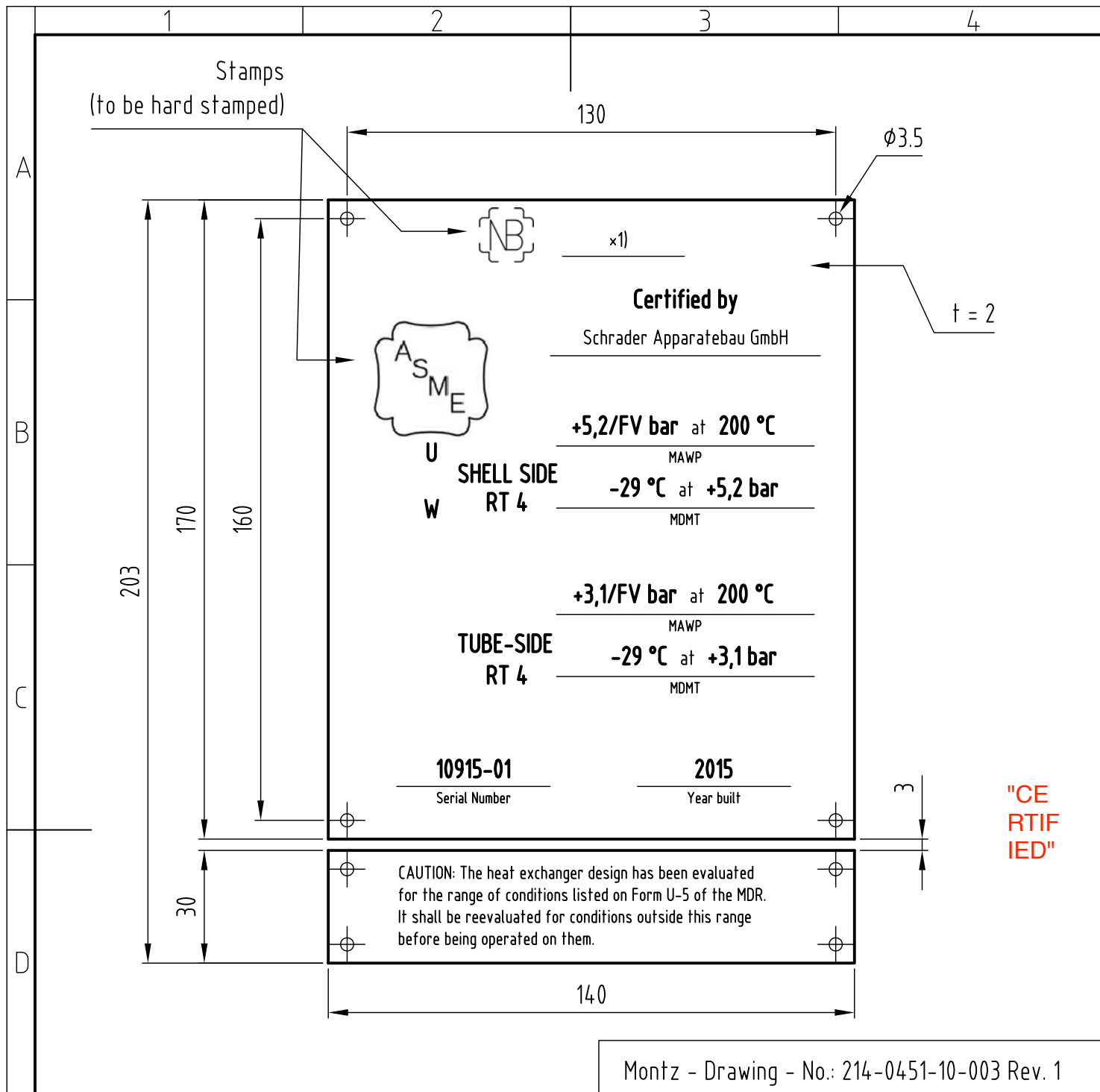
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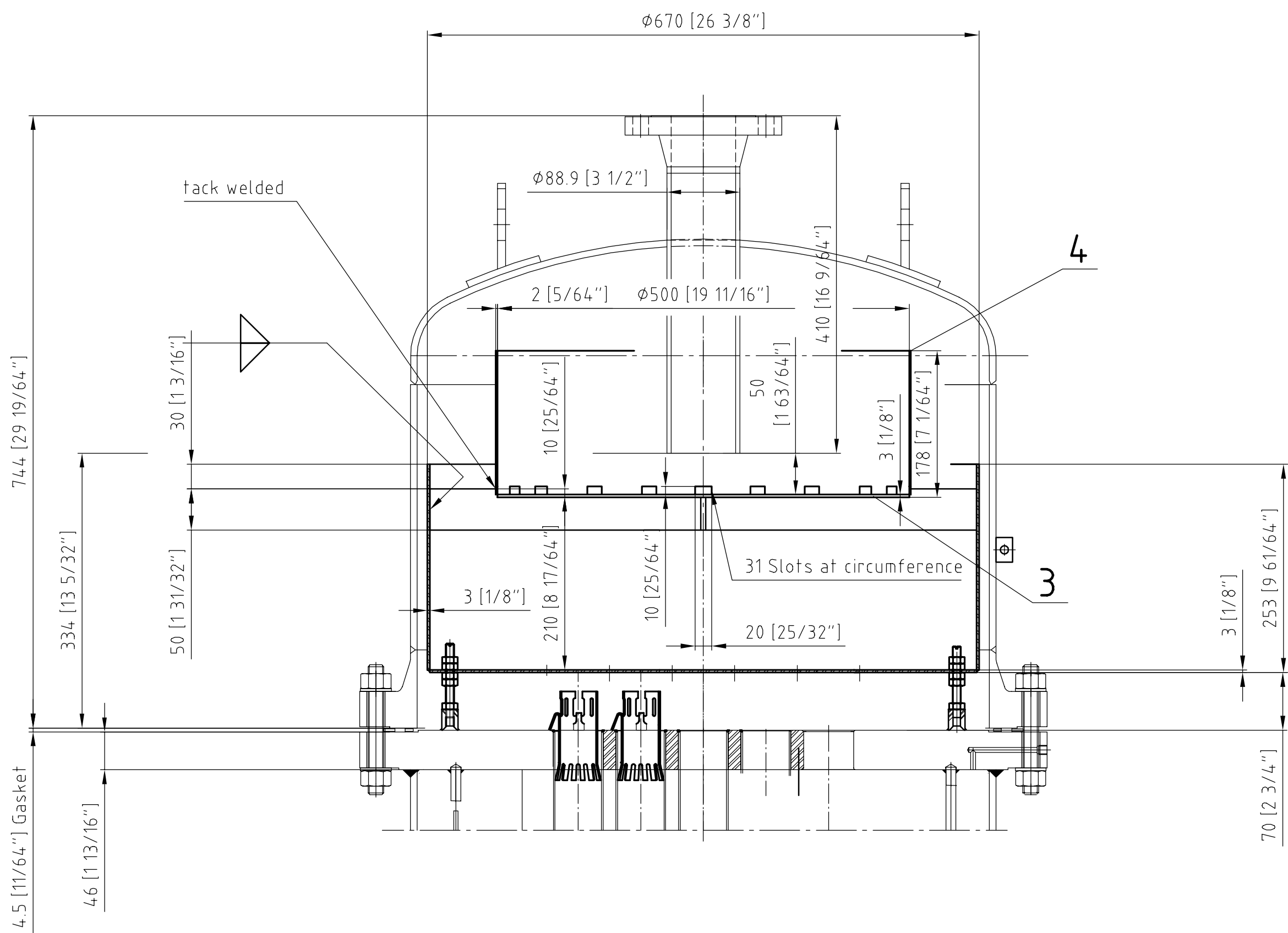
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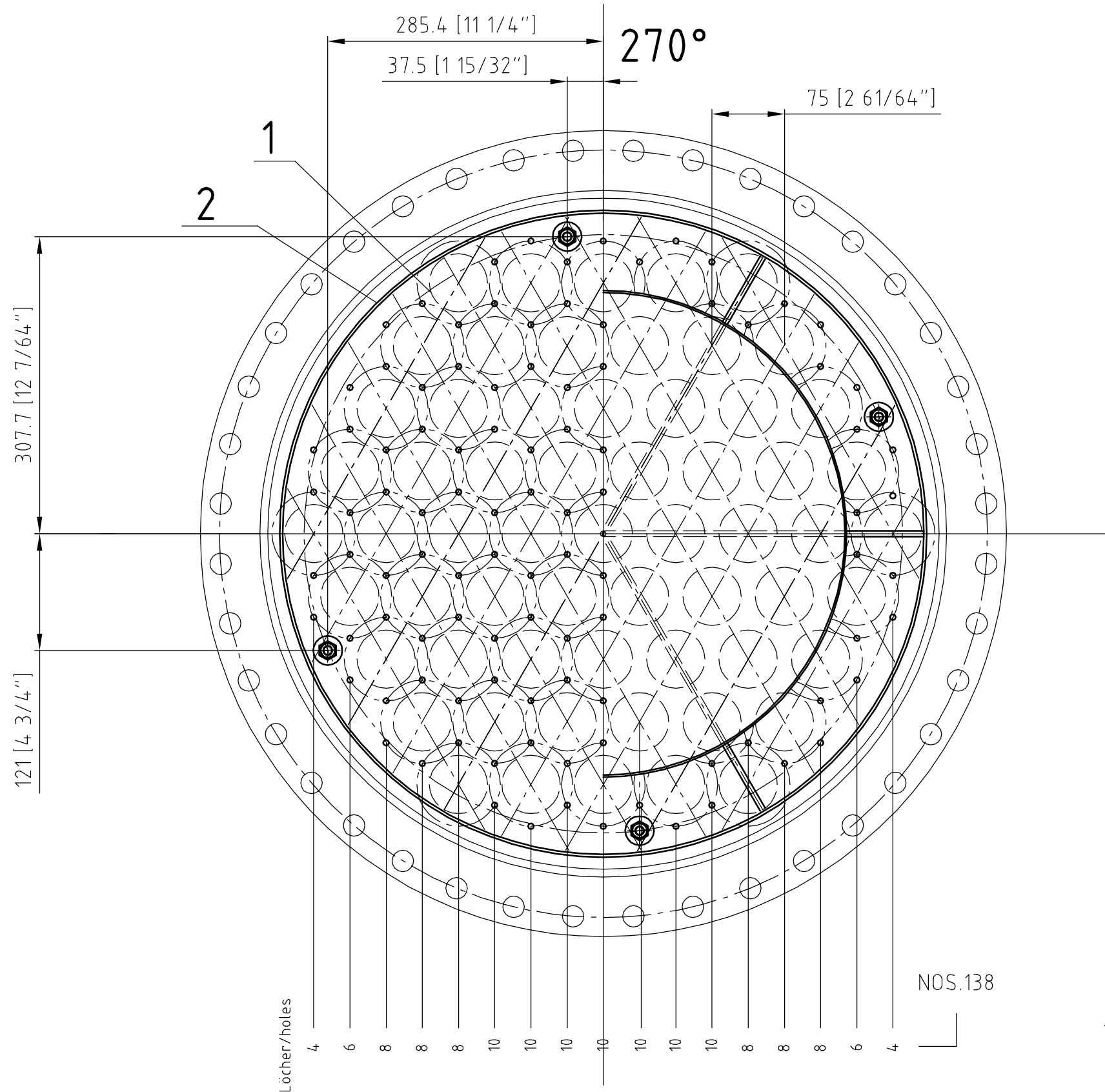
ST-NS4	GENERAL FILLET WELD	
5a	5a	6a
 <p>WELDED INSIDE AND OUTSIDE</p>	 <p>$a=0,7s_{min}$</p>	 <p>a</p>



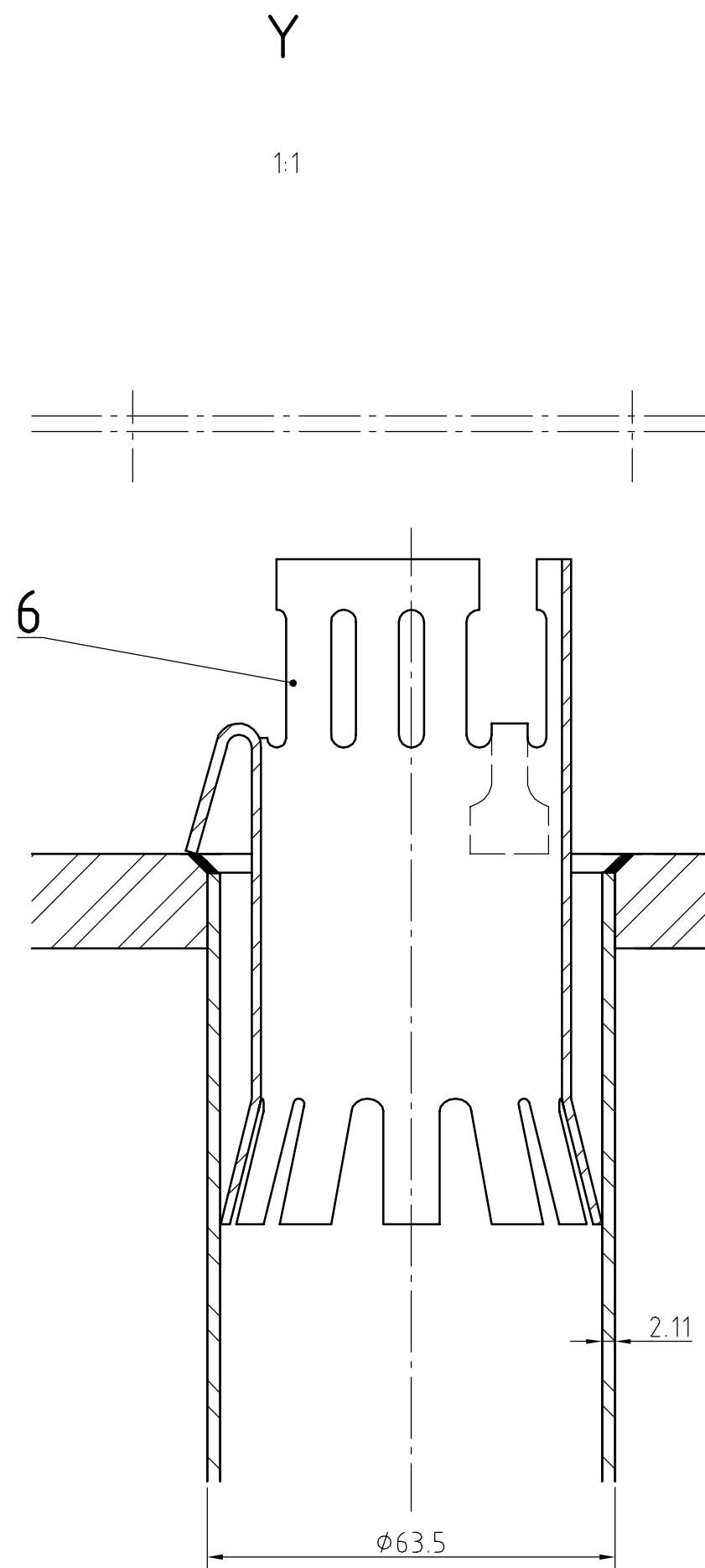
				
	Change radiographic examination		13.11.2015	Haertel
	Art der Aenderung / kind of revision		Datum	Name
Aenderungen / revisions				
CAD	Zeichng. darf nicht manuell geaendert werden		Schutzvermerk n. DIN ISO 16016 beachten protection mark acc. to DIN ISO 16016	
Auftrag Order	A15 / 10915		 SCHRADER APPARATEBAU GMBH Schleebergstr. 12 • D-59320 Ennigerloh Tel.: +49 (0) 2524 266 0 • Fax: +49 (0) 2524 266 50 E Mail: info@schrader.de • Internet: www.schrader.de	
Zchnng. Drawg.	10915-01099	Revision 1		
Ers. fuer			Benennung/Denomination Name Plate Material : SA240 - 304L	Blatt sheet
ers. durch				1
	Datum/date	Name		von/of
gez./drwd.	08.10.2015	Haertel		1
gepr./appr.	09.10.2015	Poppenborg	Project :	A4



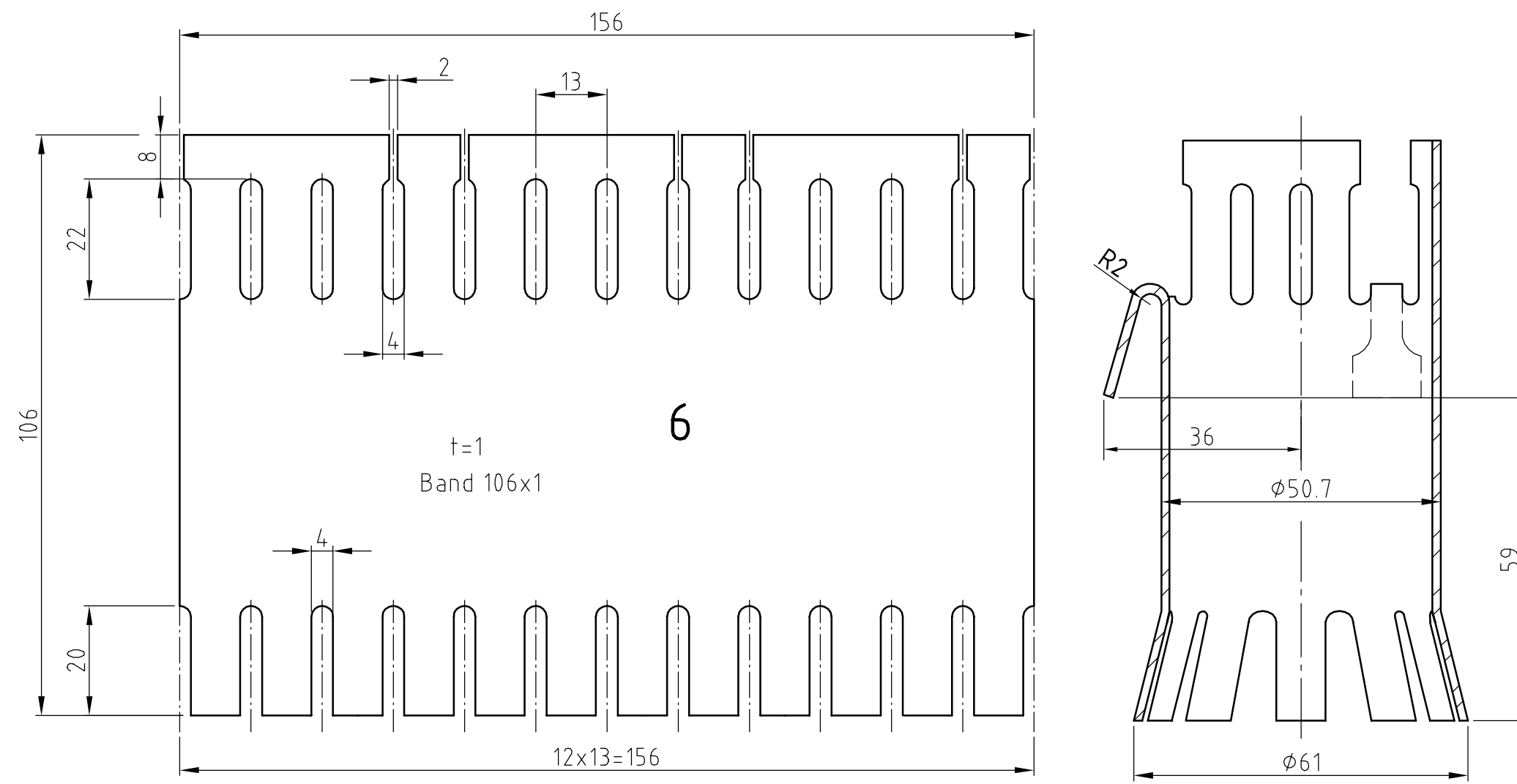
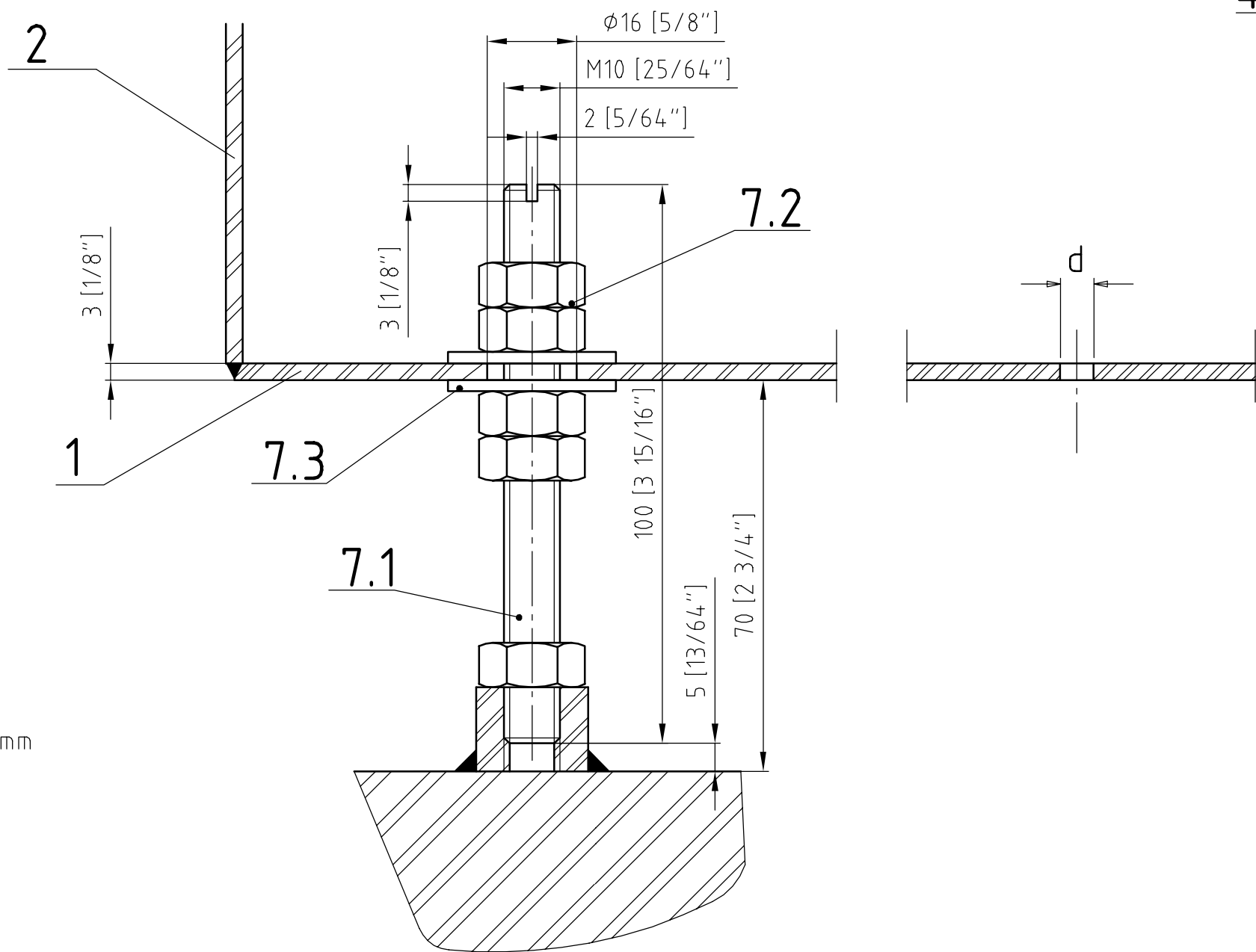
B-B
DISTRIBUTOR / Verteiler



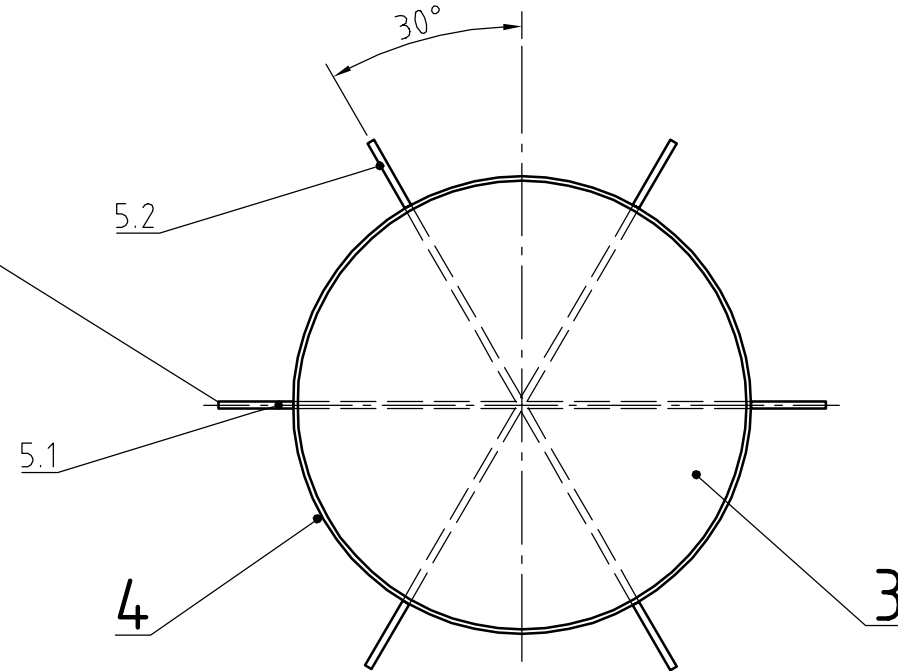
NUMBER OF DISTR. HOLES : 138
HOLE DIAMETER / Lochdurchmesser : d= 7.0 mm
NUMBER OF TUBE : 61
TUBE DIAMETER / Rohrdurchmesser : 60.3 mm
TUBE PITCH / Rohrteilung : 72 mm
OPERATION RANGE / Arbeitsbereich
12.43 - 20.72 - 24.86 m3/h



DETAIL X
Aufhängung Verteiler / FIXING PART FOR DISTRIBUTOR



A-A
Vorverteiler - PRE-DISTRIBUTOR



GENERAL REMARKS

- ALL PARTS WILL BE INSTALLABLE TROUGH
- ☐ MANHOLE 24" (ID app. 580mm)
 - ☐ MANHOLE 20" (ID app. 480mm)
 - ☒ BODY FLANGE

Toleranz/Toleranc

für Schweißkonstruktionen/
for welding constructions : DINEN ISO 13920

MATERIAL / Werkstoffe

INTERNALS / Einbauten 14404 / 316L

HEX NUTS AND SCREWS / Schrauben/Muttern A4-70

GASKETS / Dichtungen A4-70

MONITZ-PAK

REMARKS EVONIK 26.08.15 Gie Maier

revised 31.03.15

DATE/Name DATE/Name DATE/Name DATE/Name DATE/Name DATE/Name DATE/Name DATE/Name DATE/Name DATE/Name

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JULIUS MONITZ
APPARATEBAU ENGINEERING VERFAHRENTHECHNIK
D-40723 Hilden

DWG NO. / Zeichnung Nr. 214-0451-11-001

Rev

214-0451-11-001

214-0451-11-001