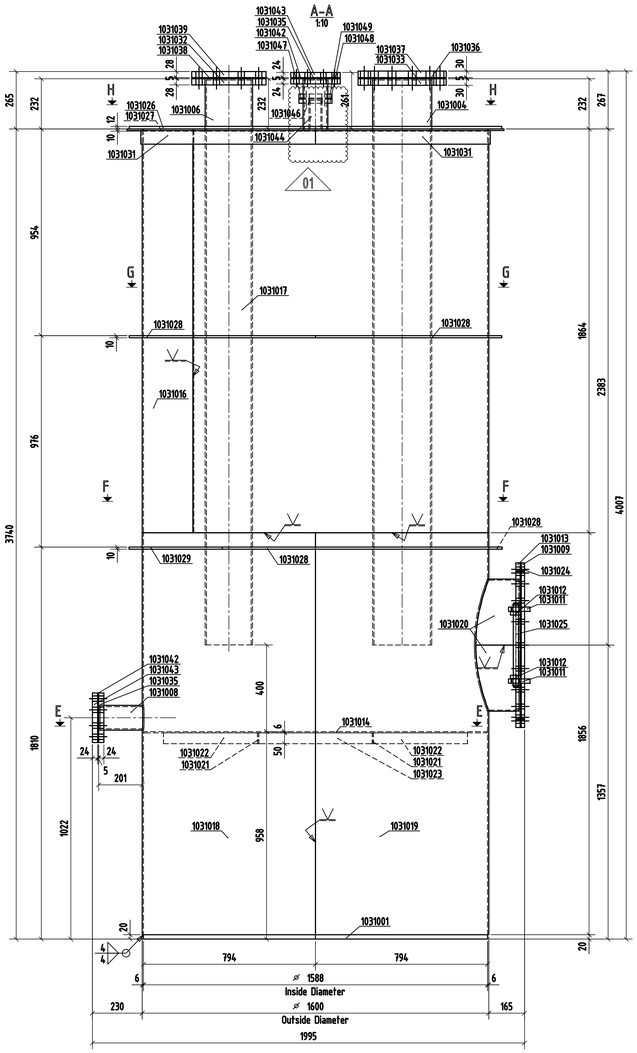
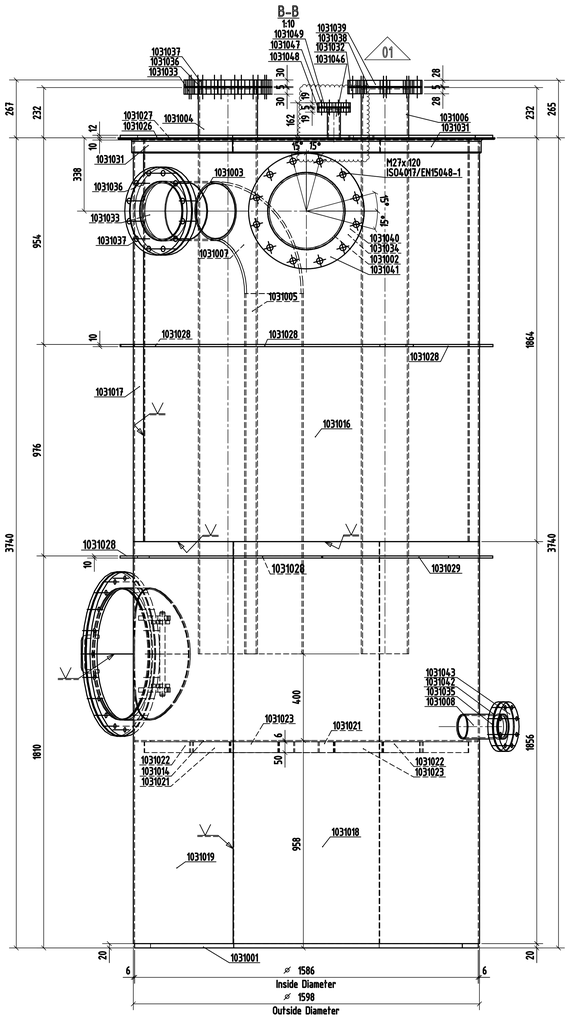
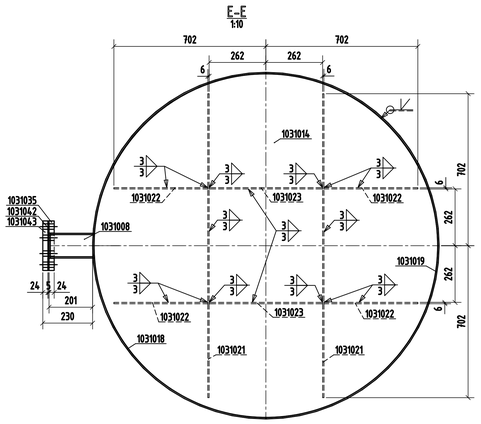
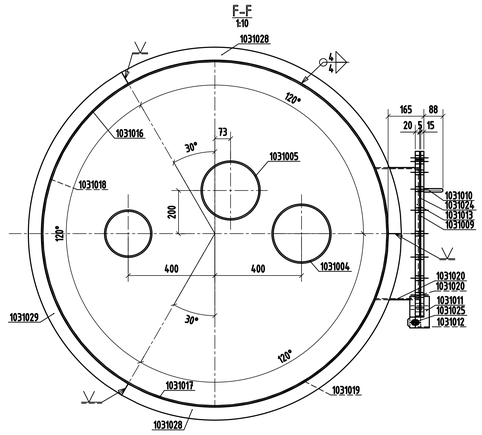
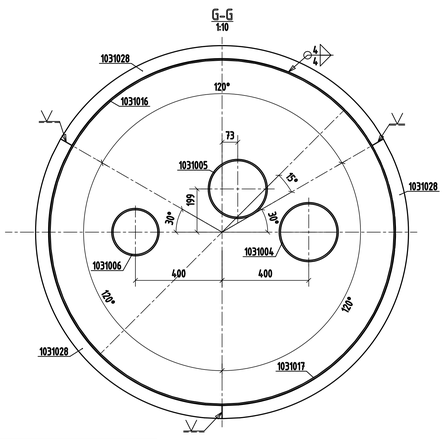
	REFERENCE DRAWINGS	
No.:	DWG.No.	TITLE
1	EW1.28.48-STS/ZSZ101, 102	Assembly Drawings
2	EW1.28.48-STS/DLZ101, 102	Detail Drawings (Assembly parts)
3	EW1.28.48-STS/DLZ201, 202	Single Detail Drawings (Items)

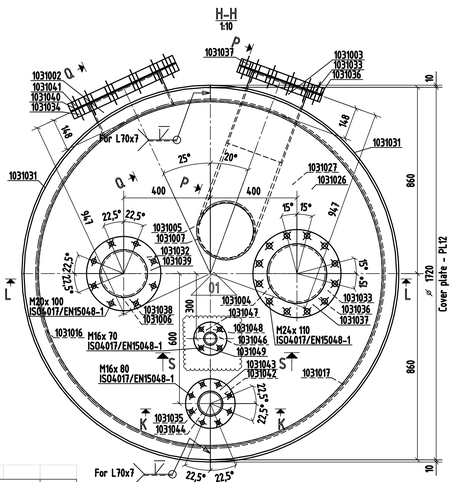


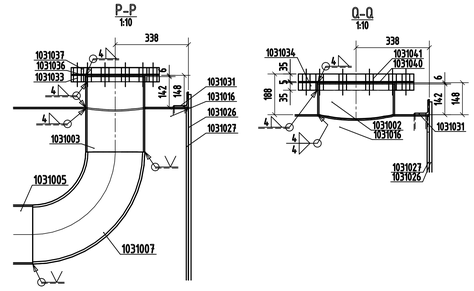


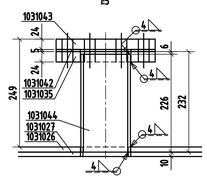


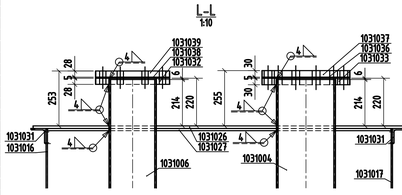


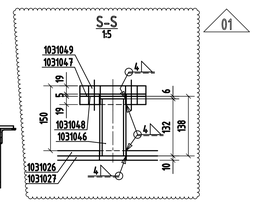






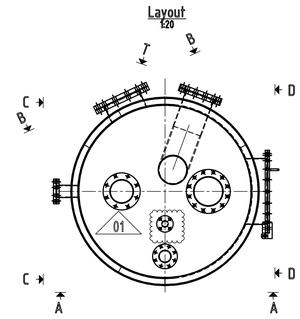


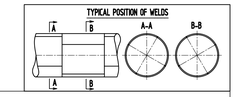




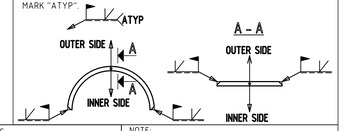
Sections C–C, D–D, T–T, I–I, J–J and N–N and detail A, B and
Typical detail – Cover plate see drawing No. C.9Y7T.EW1.28.48–STS/ DLZ102.

Layout
1:20





NOTE:
-SITE BUTT WELDS PROVIDE FROM OUTER SIDE IF NOT INDICATED BY MARK "ATYP"



GENERAL NOTES:
DISTANCES (DIMENSIONS), NOT FIXED OR INDICATED IN THE DIMENSIONING OF THE DRAWING, MUST NOT BE ANALYSED IN CAD FOR DETAIL DESIGN !
ALL DIMENSIONS ACCORDING METRIC SYSTEM !
GENERAL DRAWING SEE DRAWING No. C.9Y7TEW1.28.48-STS/ALV001

NOTE:
ALL DIMENSIONS OF SHEETS AND PROFILES ARE EXACT DIMENSIONS WITHOUT CONSIDERING ROOT GAPS AND OTHER PREPARATION FOR WELDING.
ROOT GAPS AND OTHER PREPARATION FOR SITE AND WORKSHOP WELDS TO BE MADE BY WORKSHOP.

ASSEMBLY Nr. 103101 QUANTITY 1

POSITION	QUANTITY	PROFILE	LENGTH	MATERIAL	WEIGHT
1031001	1	PL20×1588	1588	S235JR	390.2
1031002	1	PIPE355.6×6.35	162	ASTM A53 GR.B	8.2
1031003	1	PIPE273.05×6.35	348	ASTM A53 GR.B	14.4
1031004	1	PIPE273.05×6.35	2608	ASTM A53 GR.B	108.0
1031005	1	PIPE273.05×6.35	1663	ASTM A53 GR.B	68.9
1031006	1	PIPE219.08×6.35	2600	ASTM A53 GR.B	86.2
1031007	1	DN250 SHELL40 H200	599	ASTM A234 GR.WPB	38.4
1031008	1	PIPE114.3×6.02	198	ASTM A53 GR.B	3.1
1031009	1	PL15×760	760	S235JR	53.1
1031010	1	R216	305	S235JR	6.5
1031011	2	PL20×99	145	S235JR	2.3
1031012	2	PL15×50	145	S235JR	1.1
1031013	1	PL20×760	760	S235JR	25.2
1031014	1	PL6×586	1586	S235JR	92.8
1031016	1	PL6×1864	2594	S235JR	212.9
1031017	1	PL6×1864	2594	S235JR	219.5
1031018	1	PL6×1856	2594	S235JR	218.1
1031019	1	PL6×1856	2594	S235JR	204.6
1031020	2	PL5×199	949	S235JR	12.6
1031021	2	PL6×50	1403	S235JR	6.6
1031022	4	PL6×50	434	S235JR	4.1
1031023	2	PL6×50	524	S235JR	2.5
1031024	1	GASKET 5×760	760	SILICONE RUBBER	0.2
1031025	1	R224	390	S235JR	1.3
1031026	1	PL12×1720	1719	S235JR	208.0
1031027	1	PL14×1586	1586	S235JR	144.1
1031028	5	PL18×60	1740	S235JR	44.9
1031029	2	PL18×60	1740	S235JR	8.2
1031031	2	L70×7	1623	S235JR	30.0
1031032	1	DN200/CLASS150, SLIP-ON	28	ASTM A105	11.9
1031033	2	DN250/CLASS150, SLIP-ON	30	ASTM A105	32.9
1031034	1	DN350/CLASS150, SLIP-ON	35	ASTM A105	33.5
1031035	2	DN100/CLASS150, SLIP-ON	24	ASTM A105	11.3
1031036	2	DN250/CLASS150, SLIP-ON	5	GARLOCK STYLE 3000	0.2
1031037	2	DN250/CLASS150, BLIND	30	ASTM A105	61.3
1031038	1	DN200/CLASS150, SLIP-ON	5	GARLOCK STYLE 3000	0.1
1031039	1	DN200/CLASS150, BLIND	28	ASTM A105	20.5
1031040	1	DN350/CLASS150, SLIP-ON	5	GARLOCK STYLE 3000	0.2
1031041	1	DN350/CLASS150, BLIND	35	ASTM A105	61.2
1031042	2	DN100/CLASS150, SLIP-ON	5	GARLOCK STYLE 3000	0.1
1031043	2	DN100/CLASS150, BLIND	24	ASTM A105	15.3
1031044	1	PIPE114.3×6.02	226	ASTM A53 GR.B	3.6
1031046	1	PIPE168.30×5.54	132	ASTM A53 GR.B	1.0
1031047	1	DN50/CLASS150, SW	5	GARLOCK STYLE 3000	0.0
1031048	1	DN50/CLASS150, SW	19	ASTM A105	2.3
1031049	1	DN50/CLASS150, BLIND	19	ASTM A105	2.3
				SUM	2292.7

SUMMARY OF SITE FASTENERS

Material	Designation Subject	Lenght, Area, Quantity	Material	Designation Subject	Lenght, Area, Quantity	Material	Designation Subject	Lenght, Area, Quantity
Fasteners			**Fasteners**			**Fasteners**		
8.8 ISO4017/EN15048-1	BOLT M16 x 70	4	8 ISO4017/EN15048-1	BOLT M27 x 120	12	200 HV ISO7089	WASHER 16	40
8.8 ISO4017/EN15048-1	BOLT M16 x 80	16	8 ISO4032	NUT M16	20	200 HV ISO7089	WASHER 20	56
8.8 ISO4017/EN15048-1	BOLT M20 x 100	8	8 ISO4032	NUT M20	28	200 HV ISO7089	WASHER 24	50
8.8 ISO4017/EN15048-1	BOLT M20 x 80	20	8 ISO4032	NUT M24	24	200 HV ISO7089	WASHER 27	24
8.8 ISO4017/EN15048-1	BOLT M24 x 110	24	8 ISO4032	NUT M27	12	0 ISO1234	SPLIT PIN 6 x 36	2