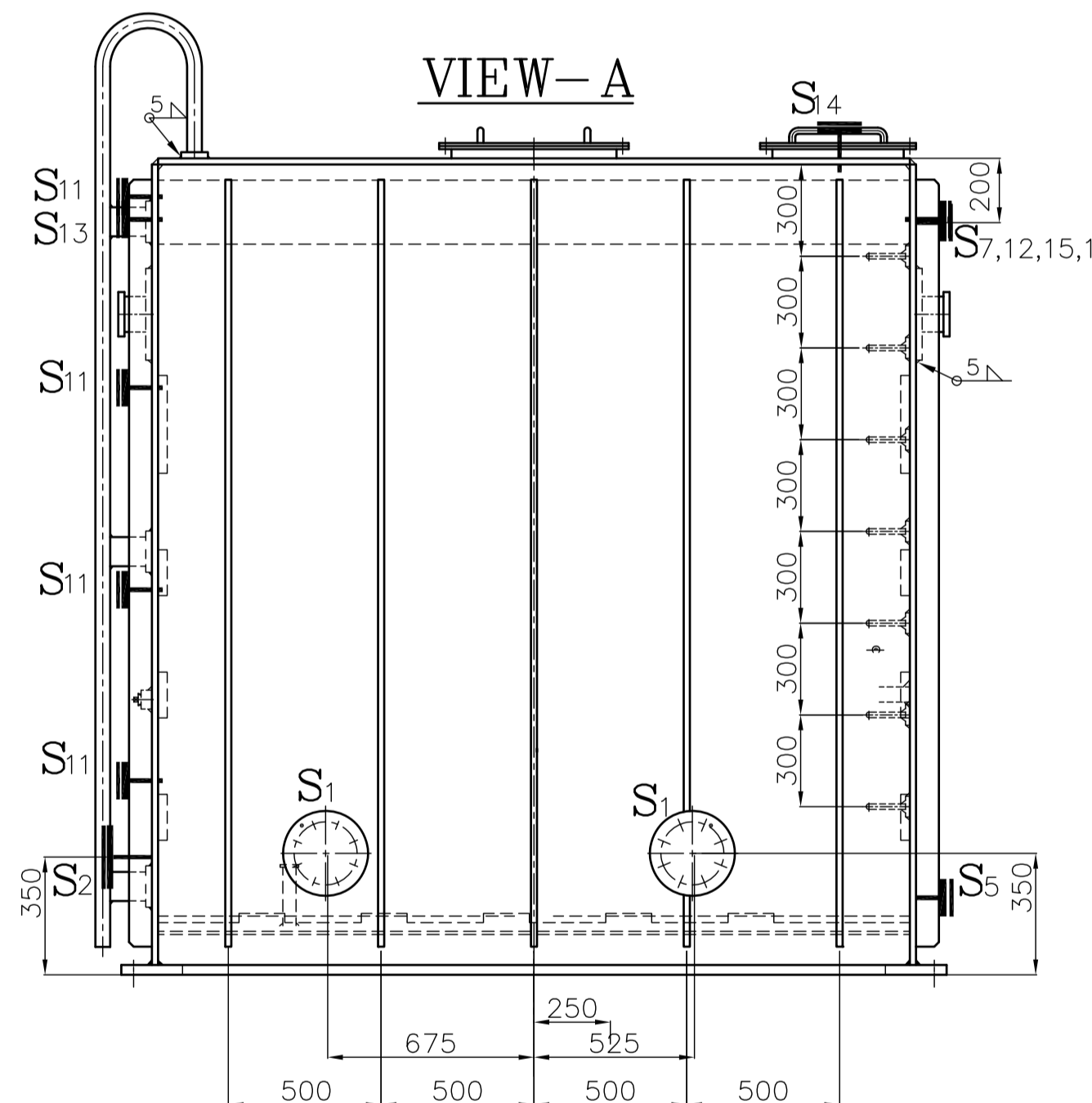
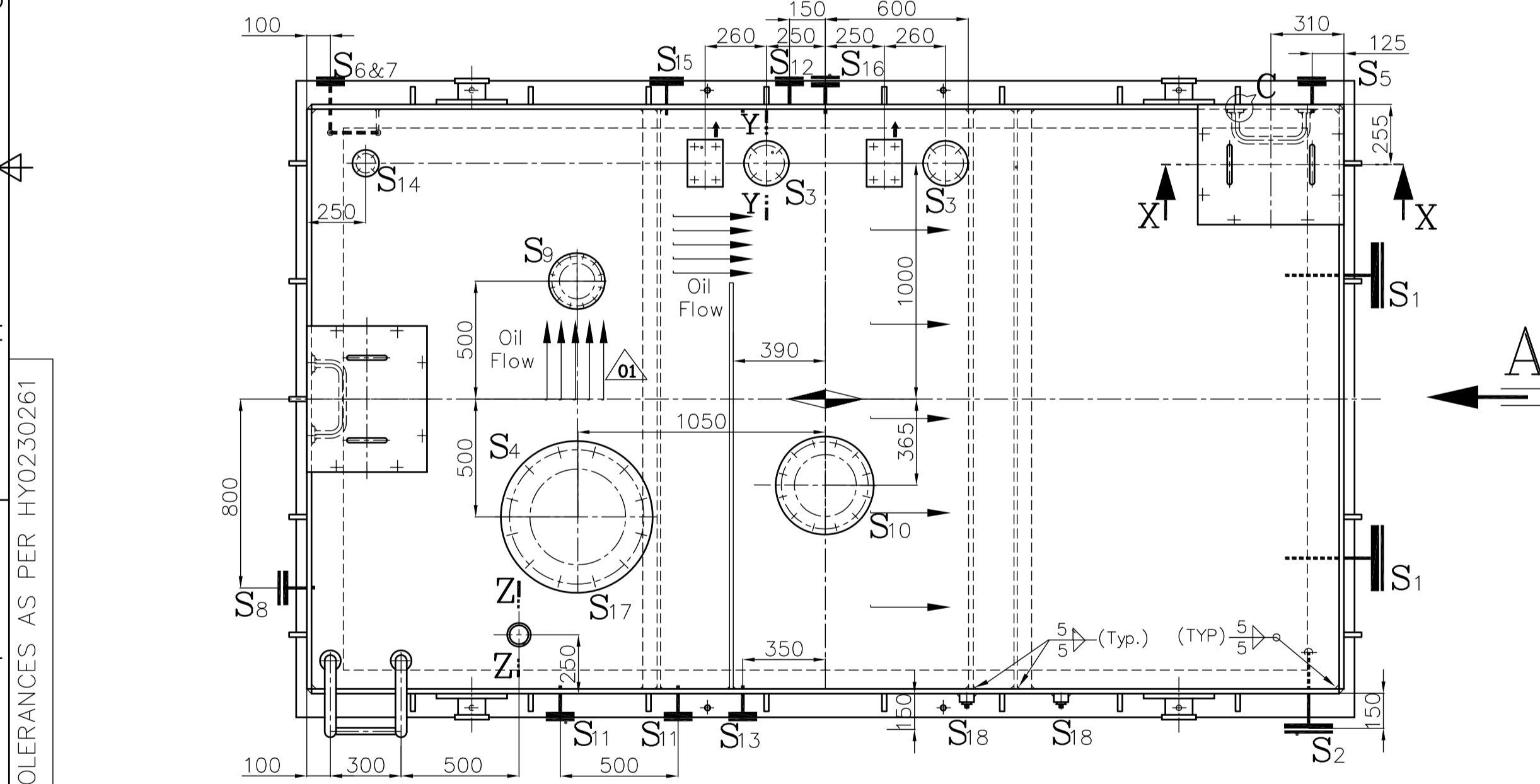
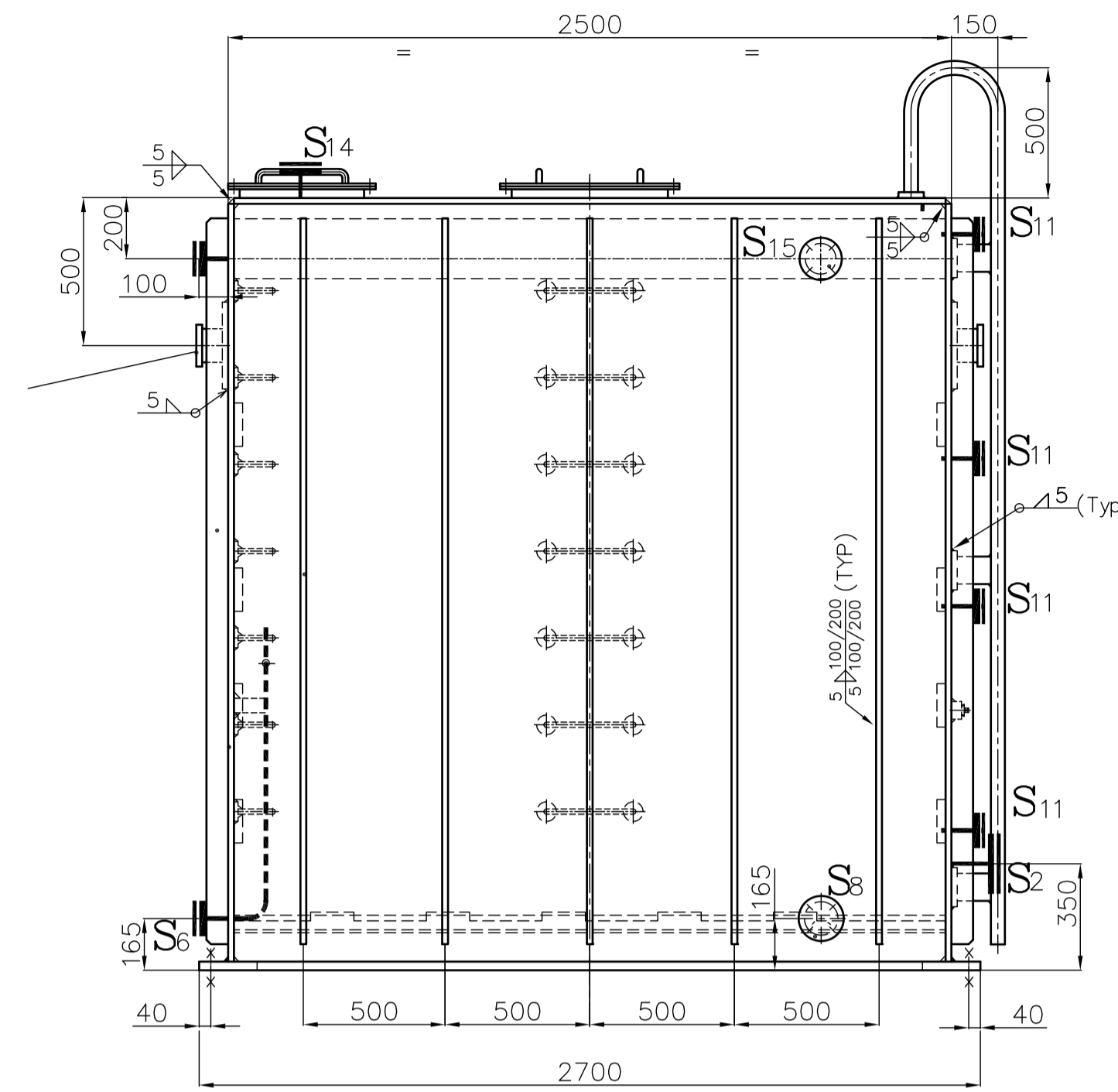
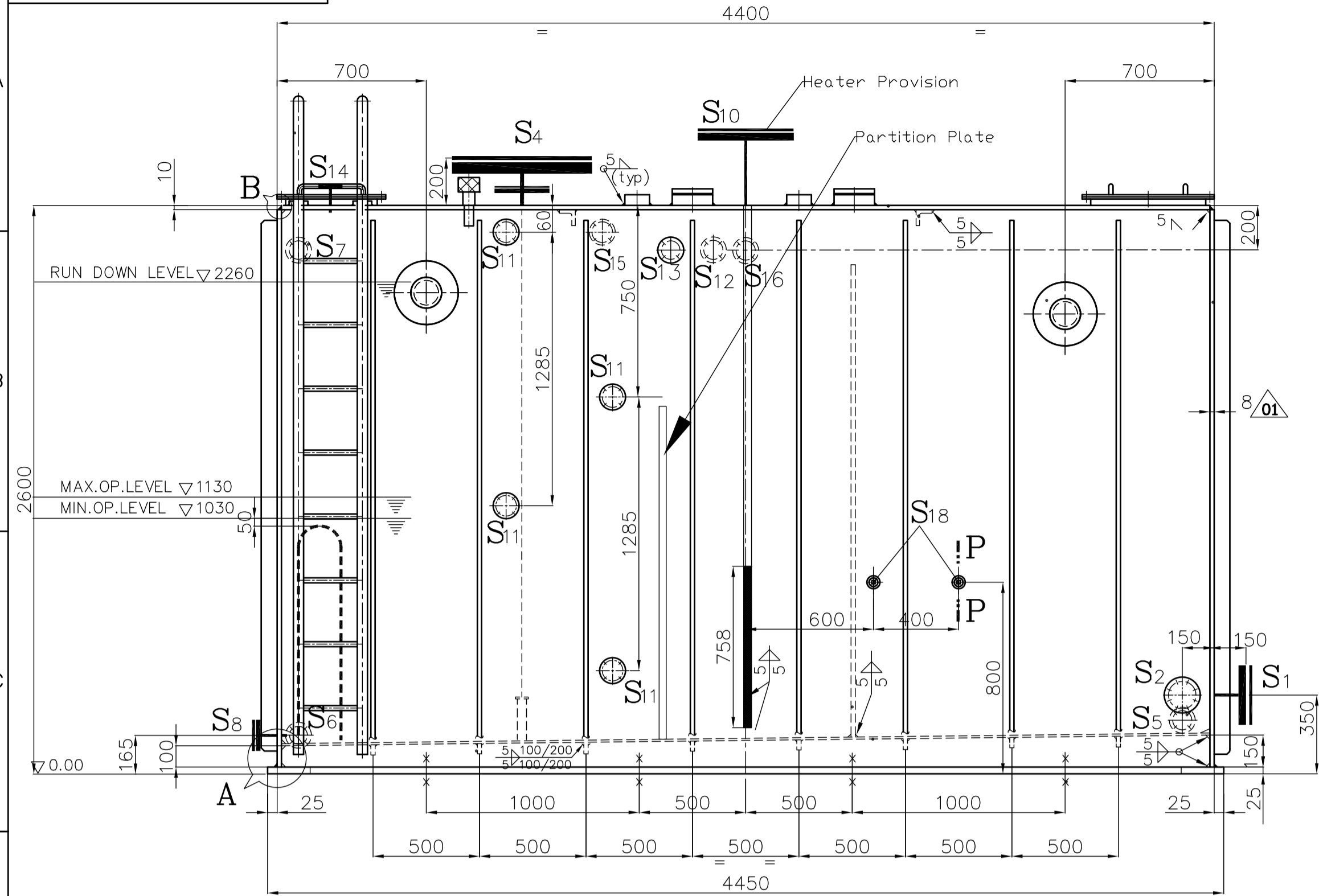


With reference to Enquiry No:E9AWS00032 Dt:24.05.2023,
wrong drawing no:13090100201-00 attached instead correct
drawing no:13090100202-00.

Please find the correct drawing herewith.

DRG. NO. 1-309-01-00112
SHT. 1 OF 1



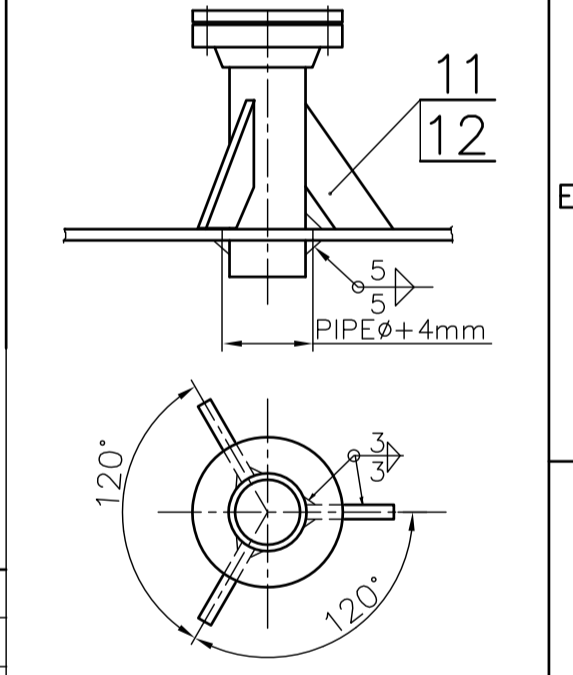
BRANCH CONNECTIONS

CONN. NO.	POS. NO.	SIZE & SERIES	DESCRIPTION	CONN. NO.	POS. NO.	SIZE & SERIES	DESCRIPTION
S1	25	6"-150# SORF	MAIN & A.O.P SUCTION(2-Nos)	S10	31	10"-150# SORF	PROVISION ELEC HEATER
S2	26	4"-150# SORF	E.O.P SUCTION	S11	31	1"-300# SORF	LEVEL GAUGE CONN.(2-Nos)
S3	27	3"-150# SORF	EX.FAN SUCTION(2-Nos)	S12	32	2"-300# SORF	MOP/AOP/EOP DISCHARGE VENT
S4	33	16"-150# SORF	TURBINE OIL DRAIN INLET	S13	32	2"-300# SORF	MOP/AOP/EOP STRAINER VENT
S5	28	2"-150# SORF	TO JOP SECTION	S14	32	1"-300# SORF	COOLER VENT
S6	29	1"-300# SORF	TO OIL CLARIFIER INLET	S15	32	1"-300# SORF	DUPLEX FILTER VENT
S7	30	1"-300# SORF	FROM OIL CLARIFIER	S16	32	3/4"-300# SORF	FROM OIL SEPERATOR
S8	30	1"-300# SORF	TANK DRAIN	S17	14	G 3"	OIL FILLING CONN.
S9	31	4"-300# SORF	LEVEL TRANSMITTER	S18	36	M33x2	TEMP. GAUGE

GENERAL NOTES:

- Welding size shall be 7/10 of minimum thickness from both sides or 10/10 if from one side only if not otherwise specified
- All welding shall be performed by qualified welder in accordance with Sec. IX of ASME code welding procedure as per Sec.VIII of ASME
- Follow WPS No. : WE006
- Primer : Chemical resistant epoxide priming paint-4 coats(35microns each) & Chemical resistant epoxide finishing paint-2 coats(40 Microns) Total DFT: 220 Microns. Final shade RAL 9002.
- Inner surfaces shall be treated with temporary rust preventive coating as per HY0490563, category 'E' (2-Coats of TRP rust ban 394 or equivalent)
- Surface area - External : ~72 Sq.mtrs. - Internal : ~62Sq.mtrs.
- Tank should be tested by filling water for leak proofness for 30 min.
- Reinforcement ribs shall be cut wherever fouling with nozzles
- Inspection shall be as per BHEL/Customer approved Quality plan (if applicable)
- Heating zone shall start 100mm below Min Op. Level. Heater shall have gap of 50-70mm above the bottom plate.

REINFORCEMENT DETAIL FOR BRANCHES



CHARGE CAPACITY	: 22.97 M ³
RUN DOWN CAPACITY	: 12.40 M ³
NORMAL OPERATING RANGE	: 1.088 M ³
RETENTION/NOM. CAPACITY	: 9.5 M ³
WT. OF THE TANK WITH OIL	: 26000 Kgs
WT. OF EMPTY TANK	: 5700 Kgs

Reinforcement Pos.no.:11 for ≤ 2" branch connections & Pos.no.:12 for > 2" branch connections.

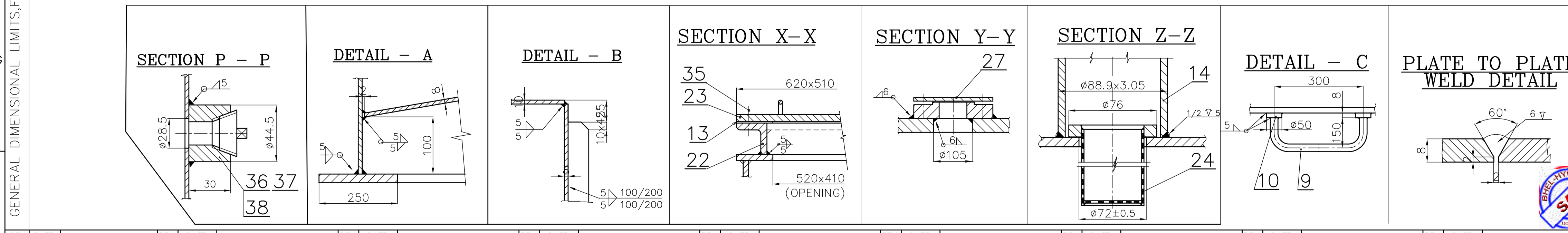
PROJECT
UNIT 1- 1X45 MW CAPTIVE POWER PLANT
BHATAPARA CHATTISGARH

CONSULTANT
AQUATHERM
ENGINEERING CONSULTANTS (INDIA) PVT. LTD.
CHENNAI - 600 004 : INDIA

CLIENT
M/s REAL ISPAT AND ENERGY PVT. LTD.

TYPE OF PRODUCT OR NAME OF CUSTOMER	NAME	SIGN.	DATE	NO. OF VAR.
Bharat Heavy Electricals Ltd. Hyderabad	DRN. ANSHUL GUPTA	[Signature]	17.01.23	
	CHD. SUNIL B J	[Signature]	17.01.23	-NA-
	APPD. PRAFULLA K	[Signature]	17.01.23	

DEPT. TCEG	UNTO. DIMS. GR. 2/M/F	SCALE N.T.S.	WEIGHT (KG) 5648	REF. TO ASSY. DRG. -NA-	ITEM NO. -NA-	NO. OF ITEMS -NA-
415						
TITLE LUBE OIL TANK (NOMINAL CAPACITY : 9500 LTS)	CARD CODE NA	DRAWING NO. 1-3-0901-00-202	REV. 00			



REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED	REV.	DATE	ALTERED															
ZONE		CHD/APPD	ZONE		CHD/APPD	ZONE		CHD/APPD	ZONE		CHD/APPD	ZONE		CHD/APPD	ZONE		CHD/APPD	ZONE		CHD/APPD															
1			2			3			4			5			6			7			8			9			10			11			12		

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GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261