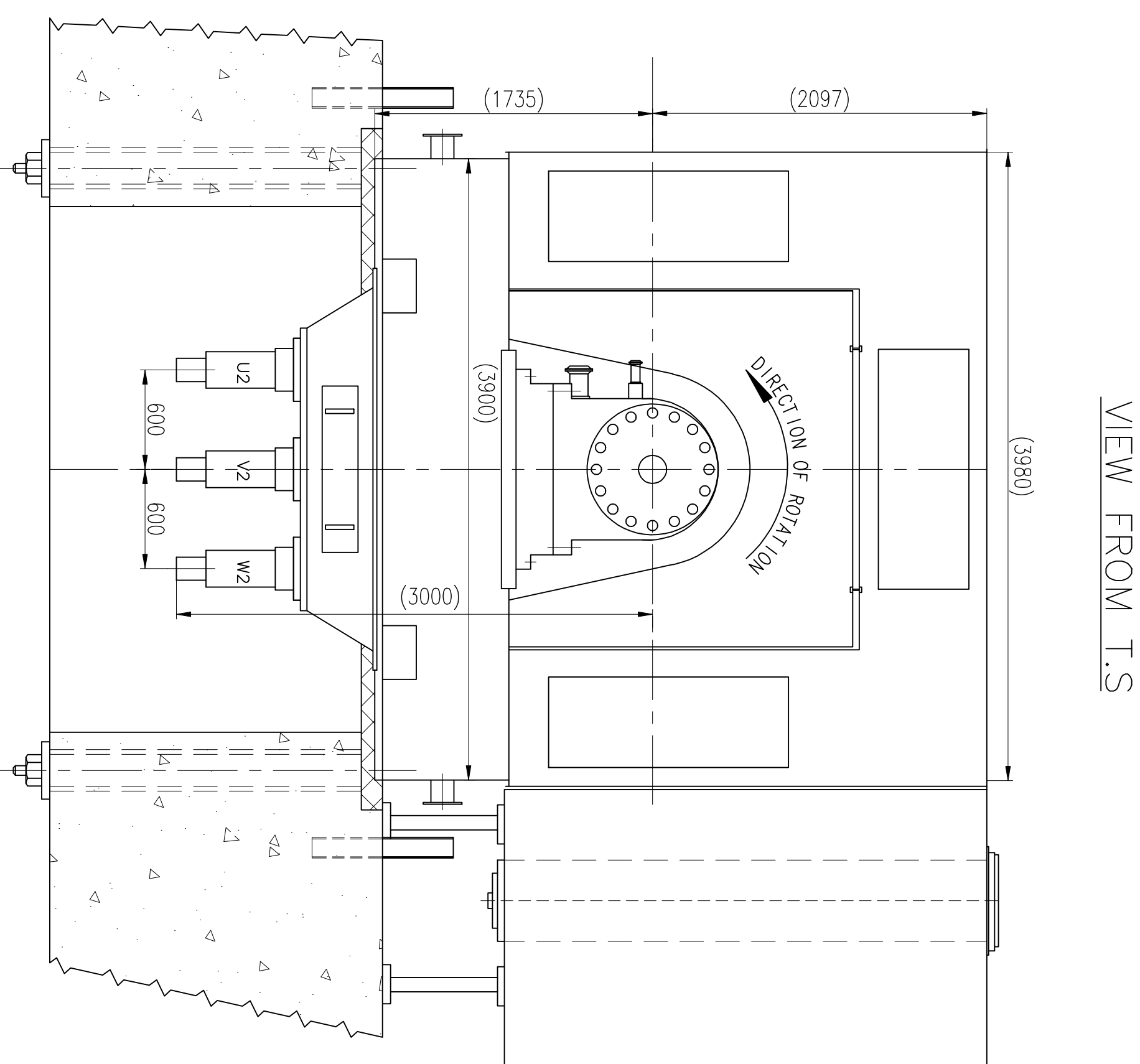
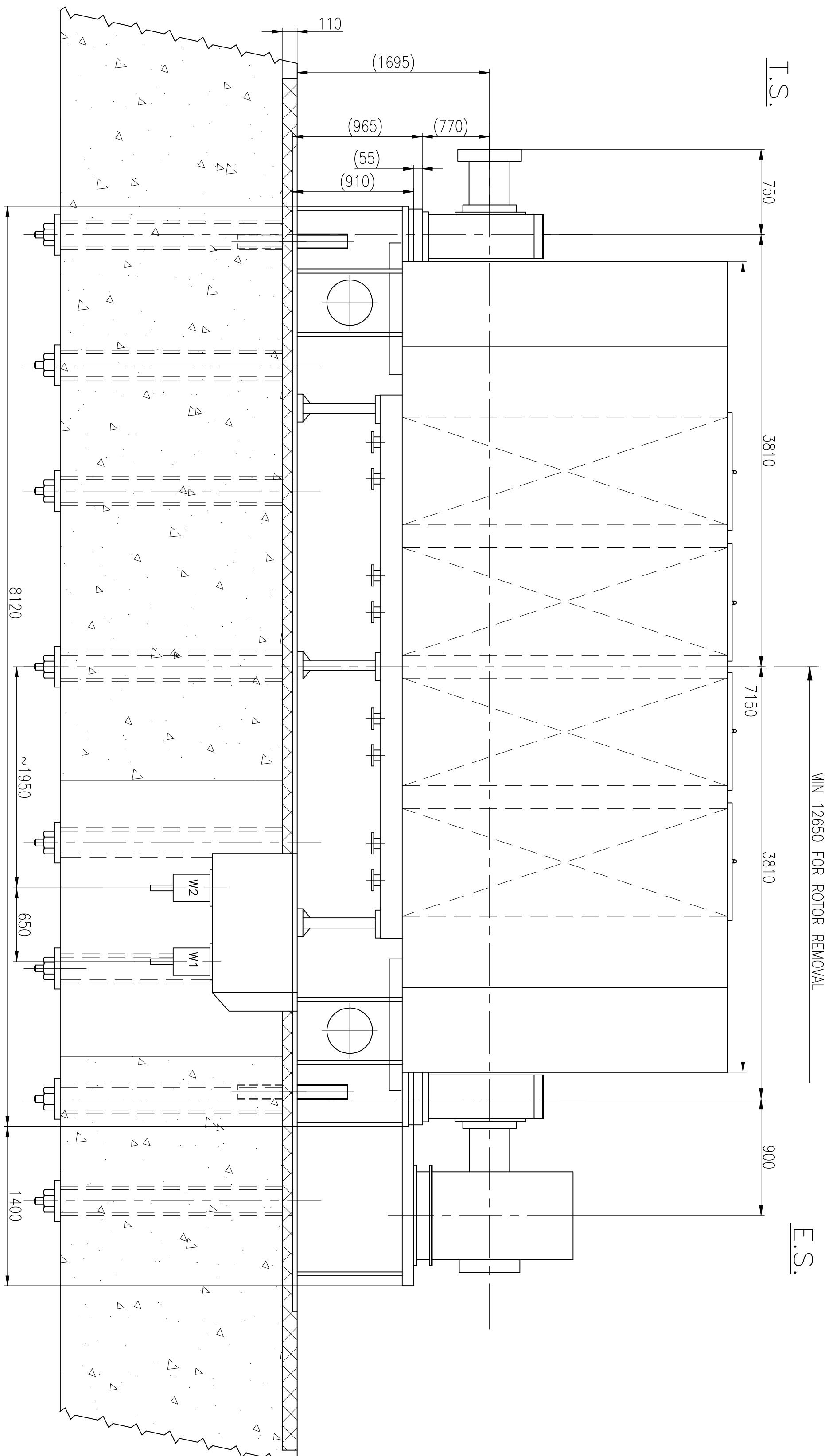


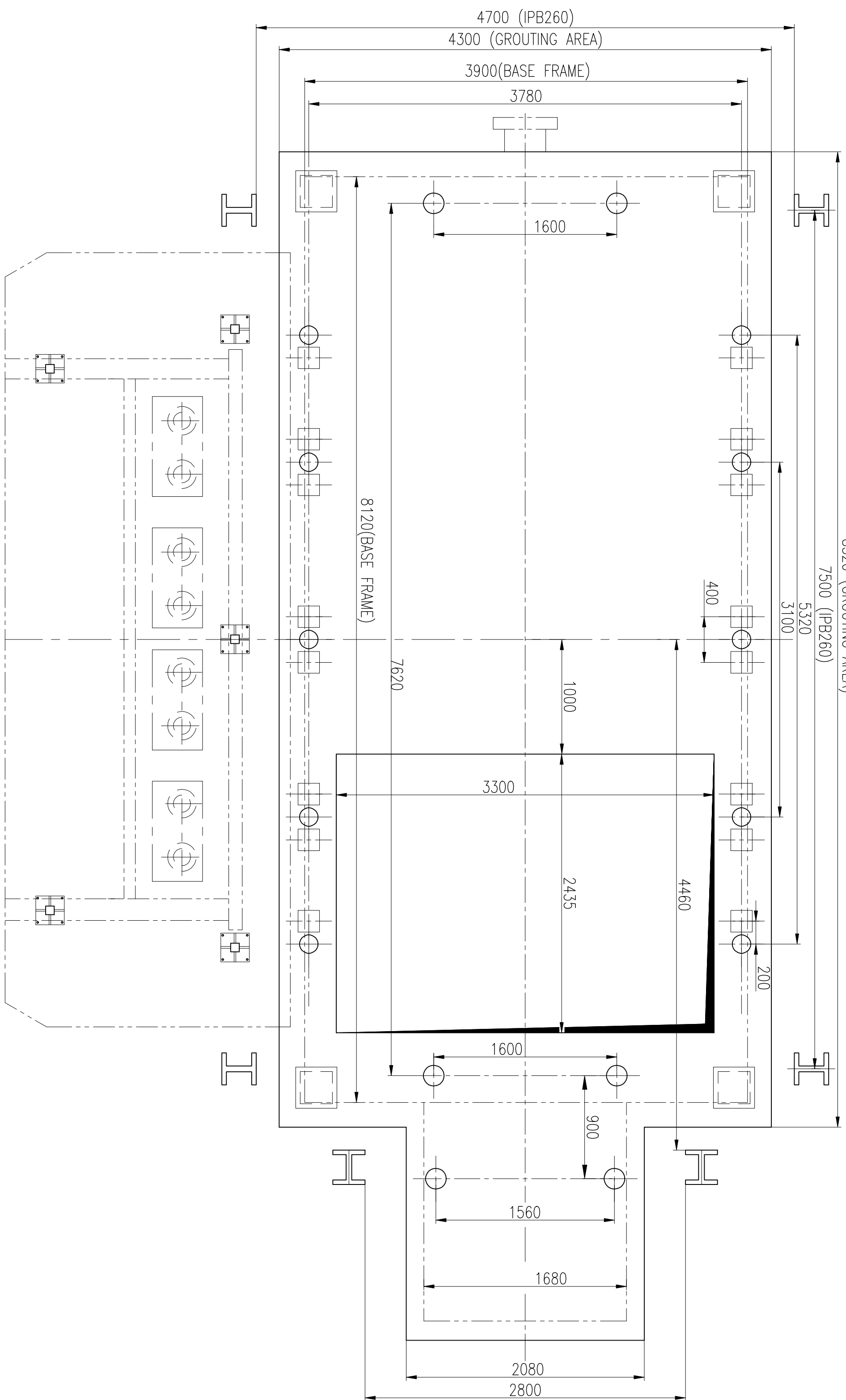


WEIGHT IN TONNES

1. GENERATOR STATOR	: 185.0	01. TYPE	: TARI 1080-36Q
2. GENERATOR ROTOR	: 43.0	02. RATING	: 129.1 MW AT 35°C Amb / 45°C COLD
3. BEARINGS	: 5.0		INLET AIR.
4. COOLER UNIT	: 12.0	03. VOLTAGE	: 15.75 KV
5. ACCESSORIES	: 8.0	04. FREQUENCY	: 50 HZ
6. EXCITER	: 3.0	05. RATED POWER FACTOR	: 0.85 LAG
7. MAX. TRANSPORT WEIGHT	: 230.0	06. CURRENT	: 5568 A
8. TOTAL WEIGHT	: 250.0	07. OPERATING SPEED	: 3000 RPM
		08. MASS MOMENT OF INERTIA	: 2000000 Kg.m ²

TECHNICAL DATA

01. TYPE	:	TARI 1080-360
02. RATING	:	129.1 MW AT 35°C Amb / INLET AIR.
03. VOLTAGE	:	15.75 KV
04. FREQUENCY	:	50 Hz
05. RATED POWER FACTOR	:	0.85 LAG
06. CURRENT	:	5568 A
07. OPERATING SPEED	:	3000 RPM
08. MASS MOMENT OF INERTIA OF ROTOR ($GD^2/4$)	:	5400 Kgm ²
09. CRITICAL SPEED	:	1280 RPM
10. QTY. OF LUBRICATING OIL PER GEN. BEARING.	:	60 LT/MIN.
11. PRESSURE OF LUBE OIL	:	1.8 BAR
12. QTY. OF JACKING OIL PER BRG.	:	10 LT/MIN
13. PRESSURE OF JACKING OIL	:	123 BAR
14. DIRECTION OF ROTATION	:	ANTI-CLOCKWISE WHEN VIEWED FROM TURBINE END



INVENTORY NO.	SIGN. AND DATE	REF. DRG. NO.	COMPUTER FILE NAME : 01391231330-S00-R00
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[illegible]

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VIEW FROM T.S

$$\left| \begin{array}{c} T \\ \cdot \\ S \\ \cdot \end{array} \right|$$

MIN 12650 FOR ROTOR REMOVAL

$$\left| \begin{array}{c} \text{E} \\ \cdot \\ \text{S} \\ \cdot \end{array} \right|$$

1

VIEW FROM T.S

(3980)

INERTIA OF ROTOR ($GD^2/4$)

INERTIA OF ROTOR ($GD^2/4$)

10. QTY. OF LUBRICATING OIL

PER GEN. BEARING.

PER GEN. BEARING.

11. PRESSURE OF LUBE OIL

12. QTY. OF JACKING OIL PER BRG.

13. PRESSURE OF JACKING OIL

14. DIRECTION OF ROTATION : ANTI-CLOCKWISE WHEN

VIEWED FROM TURBINE END

THE FOLLOWING CONDITIONS APPLY
EXCEPT OTHERWISE STATED...

EXCEPT OTHERWISE STATED...
1. REF TO HYD30261 FOR UNSPECIFIED

2. CHAMFER M/CD SHARP EDGES

1.2 TO 1.0 AT 45°.

4. THE SURFACE ROUGHNESS WHEREVER NOT SHOWN SHALL BE TAKEN FROM THE SURFACE ROUGHNESS SHOWN OUT SIDE BACK SLASHES GIVEN AT THE TOP MOST RIGHT CORNER OF THE DRG.

TYPE OF PRODUCT OR NAME OF MANUFACTURER/IMPORTER	GSEGL, HAZIRA 350MW CCPP
1. GSEGL, HAZIRA	350MW CCPP

NAME OF CUSTOMER/PROJECT	NAME
350M W	CCPP

BHEL
BHARAT HEAVY ELECTRICALS LTD.
HYDERABAD

DEPT. EME		SCALE	WELD
CODE 425		NTS	

LAYOUT OF GENERATOR

0-139-12-31332	00
SHEET NO. 01	NO. OF SHEETS 01

NAME OF CUSTOMER/PROJECT	NAME
350M W	CCPP

DRN.	P D MADU
CHD.	SHAIKAT
AGRN	0 4 VIBRA

DEPT. EME		SCALE	WEIGHT (KG)	REF. TO ASS
CODE 425	NTS	NA	NA	NA

0-139-
LAYOUT OF GENERATOR