

LEGEND

	ISOLATING LINK (IL)
	ISOLATOR (IS)
	EARTH SWITCH (ES)
	LIGHTNING ARRESTER (LA)
	GROUND CONNECTION
	CB (220 kV)
	CONTROLLED RECTIFIER (THYRISTOR)
	CABLE TERMINATION
	CAPACITIVE DIVTERTER
	LINE TRAP
	CURRENT TRANSFORMER
	DRAWOUT INDUCTION VT
	FIXED INDUCTION IVT
	POWER TRANSFORMER
	GENERATOR
	MOTOR OPERATED
	LINE MATCHING UNIT
	GIS/AIS TERMINATION
	GIS/ OIL
	HIGH SPEED EARTH SWITCH

FOR TENDER PURPOSE ONLY

DATE 08.01.2025

BASED ON DRAWING / DOCUMENTS

DRG / DOCUMENT NO. SUBJECT

REFERENCE DRAWING

DRG. NO. SUBJECT

SCALE 0 - - - - -

CLIENT: NORTH EASTERN ELECTRIC POWER CORPORATION LTD.
(A Govt. of India Enterprise)

CONSULTANT: TRACTEBEL ENGINEERING PVT. LTD.
Intec House, 37
Institutional Area, Sector 44
122002, Gurugram-INDIA

PROJECT : TATO-1 HEP (3X62 MW)
ARUNACHAL PRADESH, INDIA

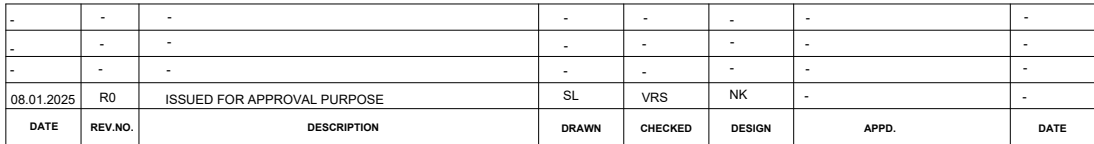
TITLE: POWER HOUSE & SUBSTATION
MAIN SINGLE LINE DIAGRAM

SHEET
1 OF1

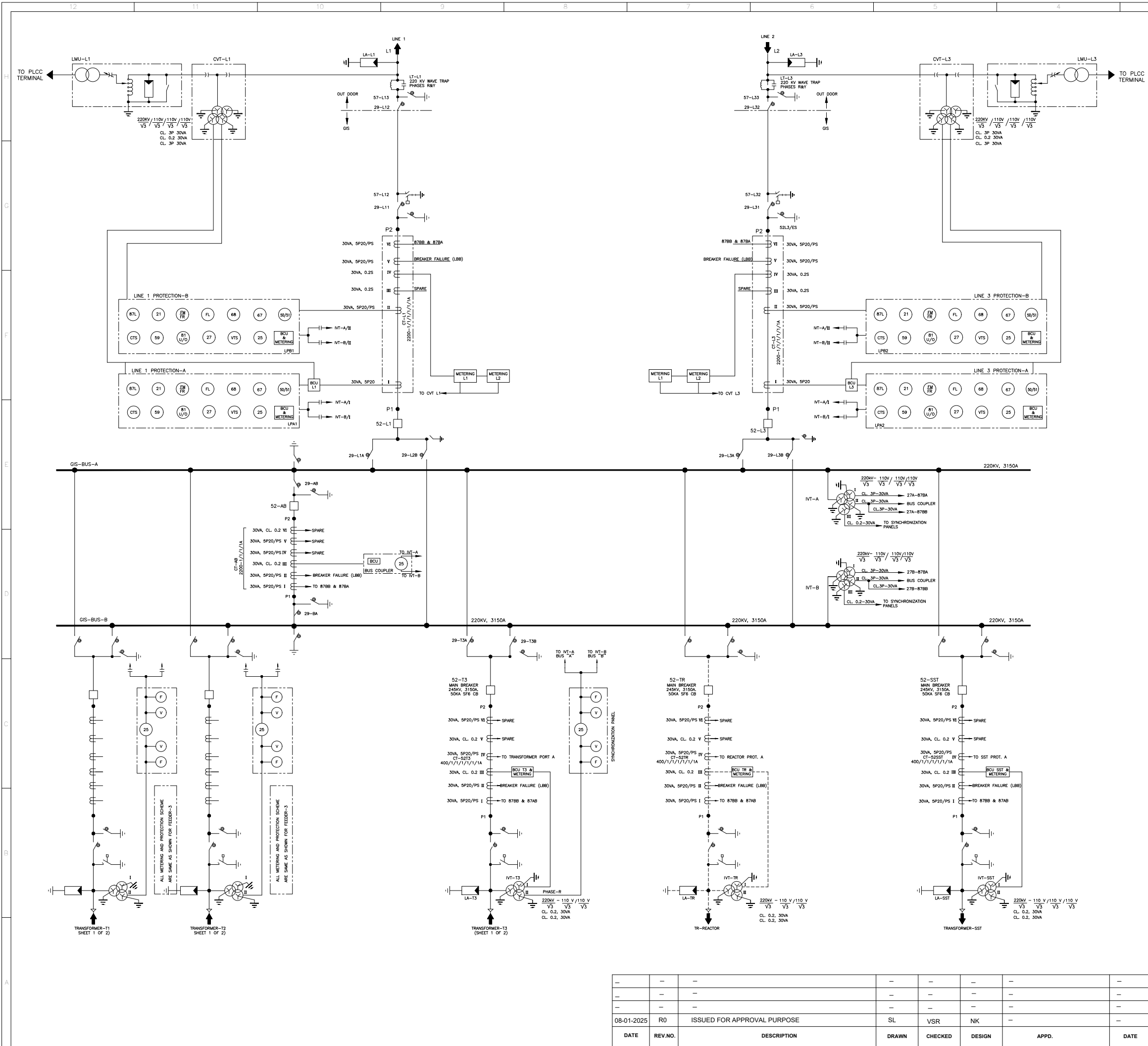
DRG. No. W.003159-20719-ED-7001

SCALE N.T.S. SIZE A1 REV. R0

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08-01-2025	R0	ISSUED FOR APPROVAL PURPOSE	SL	VRS	NK	-	-	-
DATE	REV.NO.	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPD.	DATE	





DRG. No.	SCALE	SIZE	REV.
W.003159-20719-ED-7002	N.T.S.	A1	R0

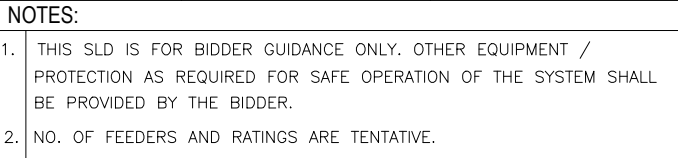


NOTES:

- THIS SLD IS FOR BIDDER GUIDANCE ONLY. OTHER EQUIPMENT/PROTECTION AS REQUIRES FOR SAFE OPERATION OF THE SYSTEM SHALL BE PROVIDED BY THE BIDDER.
- FUTURE LINE 3 & 4 SHALL BE SAME AS LINE-1.



FOR TENDER PURPOSE ONLY
DATE 08.01.2025

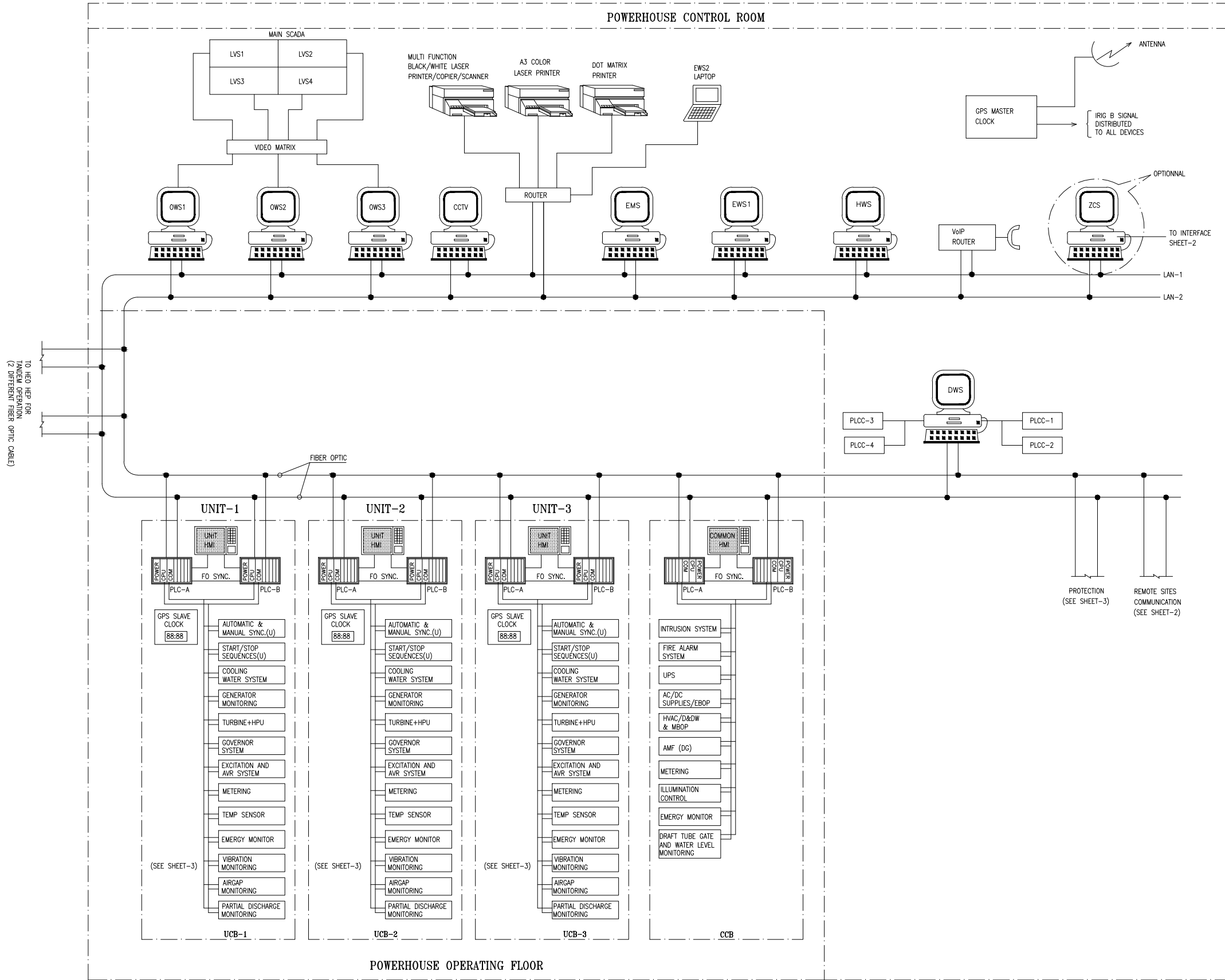
BASED ON DRAWING / DOCUMENTS			
DRG / DOCUMENT NO.		SUBJECT	
REFERENCE DRAWING			
DRG. NO.		SUBJECT	
<div>SCALE</div> <div>0 - - - - -</div>			
CLIENT: <div> NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)</div>			
CONSULTANT: TRACTEBEL ENGINEERING PVT. LTD. Intec House, 37 Institutional Area, Sector 44 122002, Gurugram-INDIA <div></div>			
PROJECT : TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA			
TITLE: PROTECTION & METERING 220kV SINGLE LINE DIAGRAM		SHEET 2 OF 2	
DRG. No.		SCALE NTS	SIZE A1 REV. R0
W.003159-20719-ED-7002			



	DRAWOUT MEDIUM VOLTAGE CIRCUIT BREAKER (VCB)
	DRAWOUT MOULDED CASE CIRCUIT BREAKER
	DRAWOUT AIR CIRCUIT BREAKER
	DRAWOUT INDUCTION VT
	FIXED INDUCTION VT
	AUXILIARY TRANSFORMER WITH ON LOAD TAP CHANGER
	ELECTRICAL INTERLOCK
	220KV GAS INSULATED BUS
UAB	UNIT AUX. BOARD
	TRANSFORMER
UAT	UNIT AUX. TRANSFORMER
	CABLE
Ξ	CT
	MOULDED CASE CIRCUIT BREAKER WITH THERMAL INSTANTANEOUS & SHORT CIRCUIT PROTECTION
SST	STATION SERVICE TRANSFORMER
SAT	SERVICE AUXILIARY TRANSFORMER
SSB	STATION SERVICE BOARD

DATE - 05.12.2024

BASED ON DRAWING / DOCUMENTS			
DRG / DOCUMENT NO.		SUBJECT	
REFERENCE DRAWING			
DRG. NO.		SUBJECT	
CLIENT:			
<div></div> <div>NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)</div>			
CONSULTANT:			
<div></div> <div>TRACTEBEL ENGINEERING PVT. LTD. Intec House, 37 Institutional Area, Sector 44 122002, Gurugram-INDIA</div>			
PROJECT :			
TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA			
TITLE:			SHEET
POWER HOUSE UNIT AND SERVICE AUXILIARY SINGLE LINE DIAGRAM			SHEET 1
DRG. No.		SCALE N.T.S.	SIZE A1
W.003159-20719-ED-7003		REV. R0	



DEFINITION :-

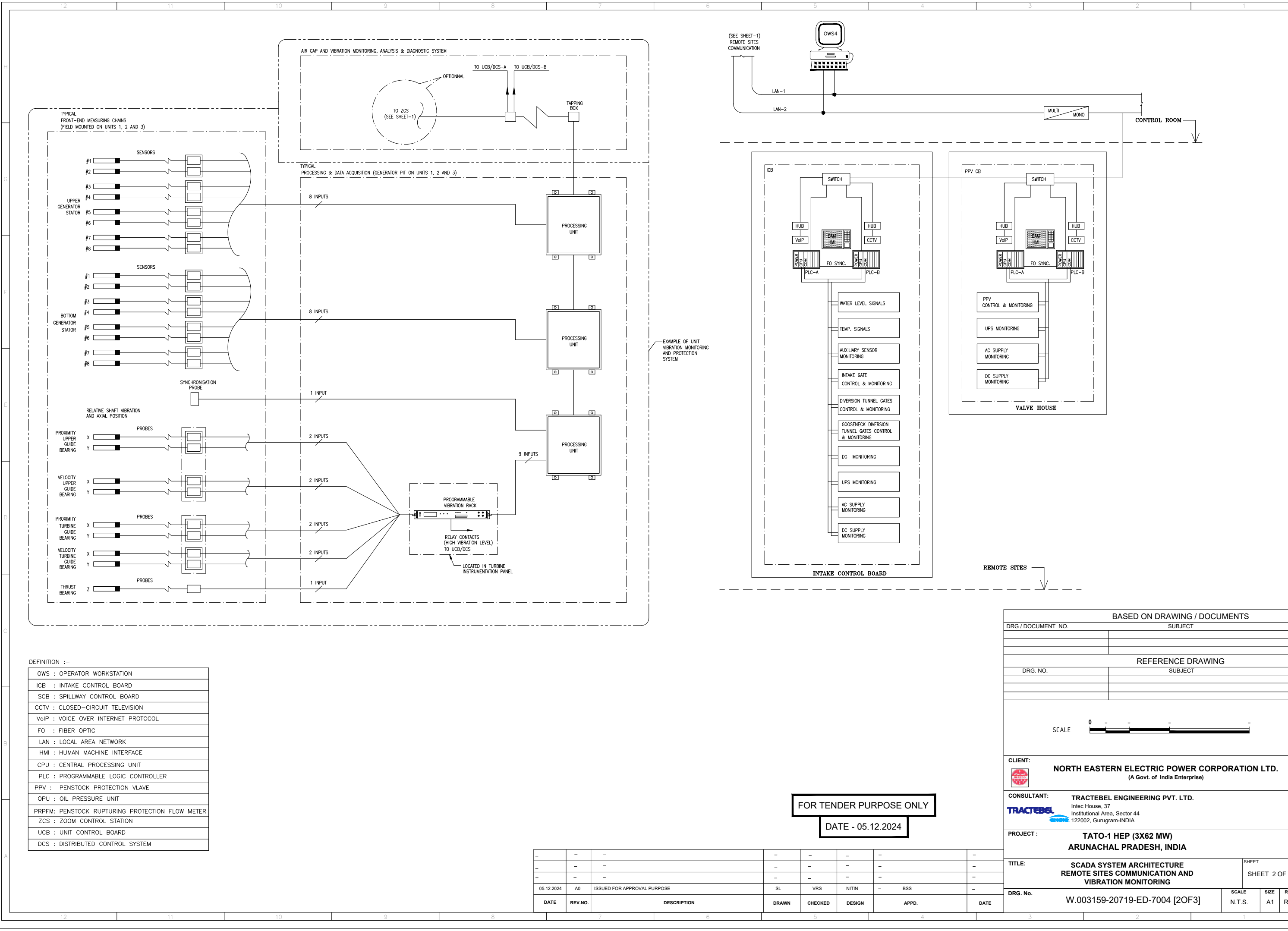
OWS	: OPERATOR WORKSTATION
EWS	: ENGINEER WORKSTATION
ZCS	: ZOOM CONTROL STATION
EMS	: ENERGY MANAGEMENT STATION
LVS	: LARGE VIDEO SCREEN
LVSWS	: LARGE VIDEO SCREEN WORKSTATION
DWS	: DISPATCH WORKSTATION
HWS	: HISTORIAN WORKSTATION
CCTV	: CLOSED-CIRCUIT TELEVISION
VoIP	: VOICE OVER INTERNET PROTOCOL
FO	: FIBER OPTIC
PLCC	: POWER LINE CARRIER COMMUNICATION
LAN	: LOCAL AREA NETWORK
UCB	: UNIT CONTROL BOARD
CCB	: COMMON CONTROL BOARD
IRIG	: INTER RANGE INSTRUMENTATION GROUP
GPS	: GLOBAL POSITIONING SYSTEM
GIS	: GAS INSULATED SWITCHGEAR

FOR TENDER PURPOSE ONLY

DATE - 05.12.2024

BASED ON DRAWING / DOCUMENTS	
DRG / DOCUMENT NO.	SUBJECT
REFERENCE DRAWING	
DRG. NO.	SUBJECT
SCALE	
0 - - - - -	
CLIENT:	NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)
CONSULTANT:	TRACTEBEL ENGINEERING PVT. LTD. Intec House, 37 Institutional Area, Sector 44 122002, Gurugram-INDIA
PROJECT :	TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA
TITLE:	SCADA SYSTEM ARCHITECTURE GENERAL
DRG. No.	W.003159-20719-ED-7004 [1OF3]
SCALE	N.T.S.
SIZE	A1
REV.	R0

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05.12.2024	A0	ISSUED FOR APPROVAL PURPOSE	SL	VRS	NITIN	-	BSS
DATE	REV.NO.	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPD.	DATE



DEFINITION :-	
OWS	: OPERATOR WORKSTATION
ICB	: INTAKE CONTROL BOARD
SCB	: SPILLWAY CONTROL BOARD
CCTV	: CLOSED-CIRCUIT TELEVISION
VoIP	: VOICE OVER INTERNET PROTOCOL
FO	: FIBER OPTIC
LAN	: LOCAL AREA NETWORK
HMI	: HUMAN MACHINE INTERFACE
CPU	: CENTRAL PROCESSING UNIT
PLC	: PROGRAMMABLE LOGIC CONTROLLER
PPV	: PENSTOCK PROTECTION VLAVE
OPU	: OIL PRESSURE UNIT
PRPFM	: PENSTOCK RUPTURING PROTECTION FLOW METER
ZCS	: ZOOM CONTROL STATION
UCB	: UNIT CONTROL BOARD
DCS	: DISTRIBUTED CONTROL SYSTEM

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-	-	-	-	-	-	-	-
05.12.2024	A0	ISSUED FOR APPROVAL PURPOSE	SL	VRS	NITIN	-	BSS
DATE	REV.NO.	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPD.	DATE

FOR TENDER PURPOSE ONLY
DATE - 05.12.2024

BASED ON DRAWING / DOCUMENTS

DRG / DOCUMENT NO. SUBJECT


REFERENCE DRAWING

DRG. NO. SUBJECT


SCALE

0 - - - - -

CLIENT:

**NORTH EASTERN ELECTRIC POWER CORPORATION LTD.**
(A Govt. of India Enterprise)

CONSULTANT:

**TRACTEBEL ENGINEERING PVT. LTD.**
Intec House, 37
Institutional Area, Sector 44
122002, Gurugram-INDIA

PROJECT :

TATO-1 HEP (3X62 MW)
ARUNACHAL PRADESH, INDIA

TITLE:

SCADA SYSTEM ARCHITECTURE
REMOTE SITES COMMUNICATION AND
VIBRATION MONITORING

DRG. No.

W.003159-20719-ED-7004 [2OF3]

SHEET

SHEET 2 OF 3

SCALE

N.T.S.

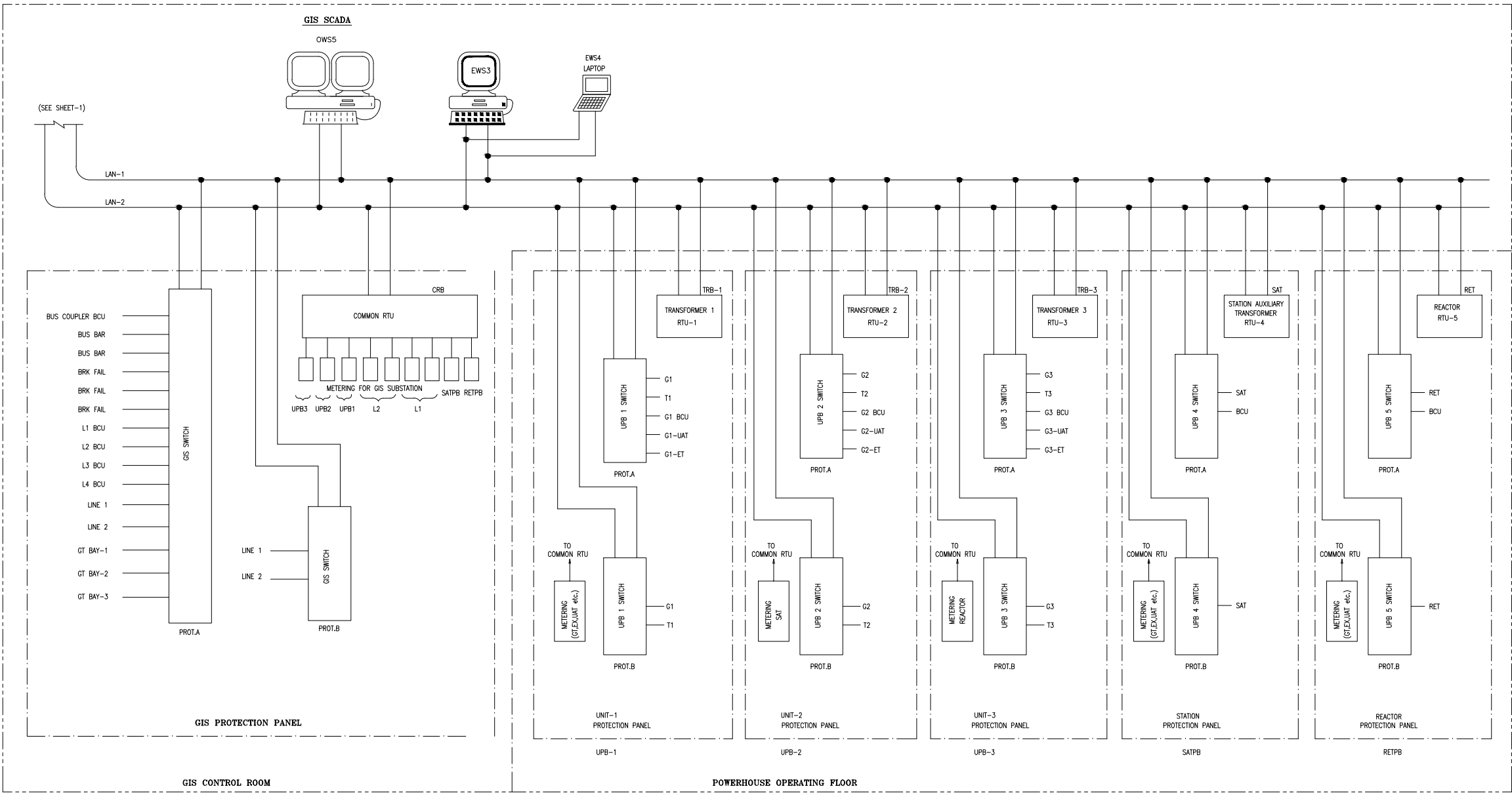
SIZE

A1

REV.

R0

EXAMPLE OF UNIT
VIBRATION MONITORING
AND PROTECTION
SYSTEM





DEFINITION :-

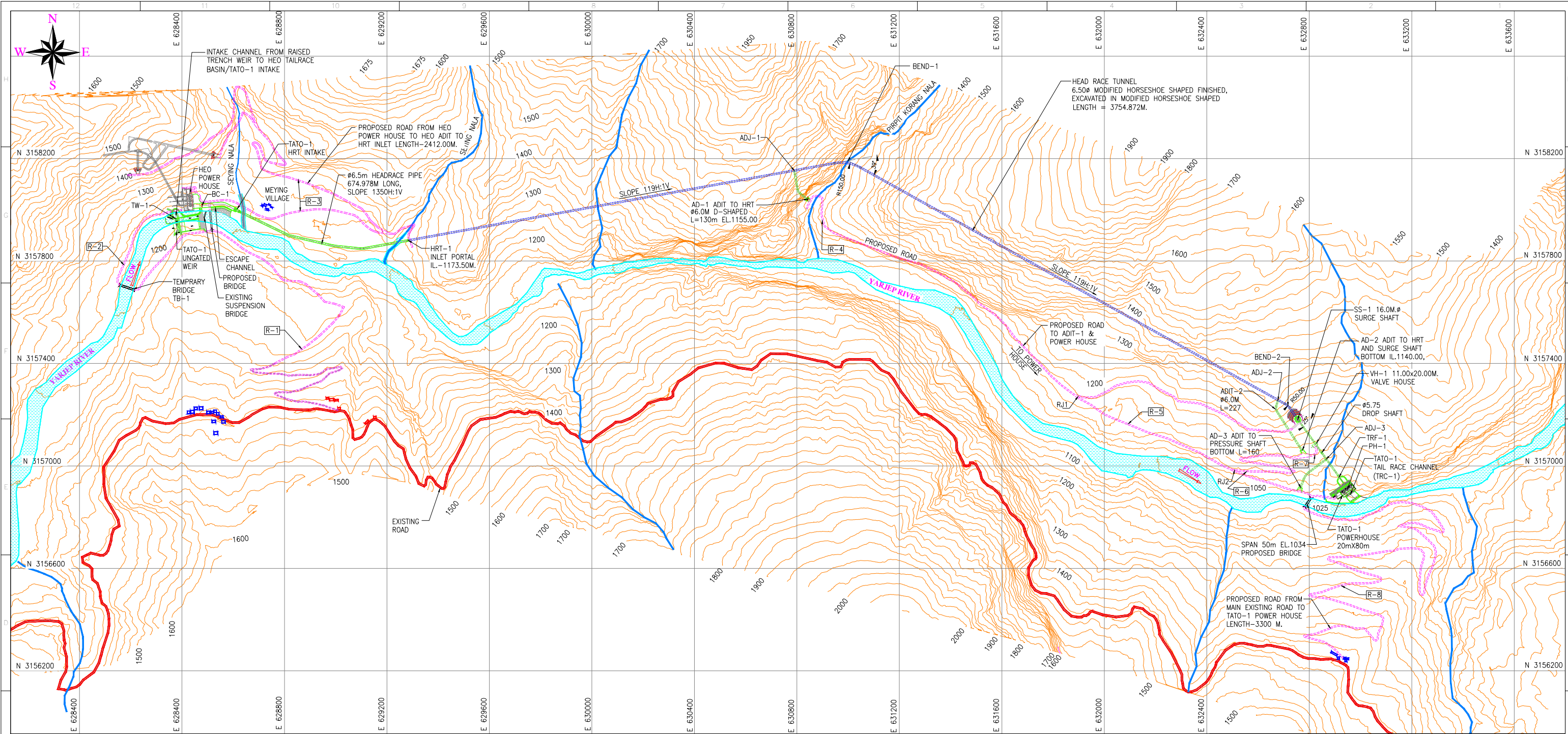
OWS	: OPERATOR WORKSTATION
ICB	: INTAKE CONTROL BOARD
SCB	: SPILLWAY CONTROL BOARD
CCTV	: CLOSED-CIRCUIT TELEVISION
VoIP	: VOICE OVER INTERNET PROTOCOL
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OPU	: OIL PRESSURE UNIT
PRPFM	: PENSTOCK RUPTURING PROTECTION FLOW METER
ZCS	: ZOOM CONTROL STATION
UCB	: UNIT CONTROL BOARD
DCS	: DISTRIBUTED CONTROL SYSTEM

FOR TENDER PURPOSE ONLY

DATE - 10.01.2025

BASED ON DRAWING / DOCUMENTS			
DRG. / DOCUMENT NO.		SUBJECT	
REFERENCE DRAWING			
DRG. NO.		SUBJECT	
SCALE		<div><div>0</div><div>-</div><div>-</div><div>-</div><div>-</div></div>	
CLIENT:			
<div><div>NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)</div></div>			
CONSULTANT:			
<div><div></div><div>TRACTEBEL ENGINEERING PVT. LTD. Intec House, 37 Institutional Area, Sector 44 122002, Gurugram-INDIA</div></div>			
PROJECT :			
<div>TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA</div>			
TITLE:			SHEET
SCADA SYSTEM ARCHITECTURE ELECTRICAL SYSTEM			SHEET 3 OF 3
DRG. No.		SCALE	SIZE
W.003159-20719-ED-7004 [3OF3]		N.T.S.	A1
			REV.
			R0

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10.01.2025	A0	ISSUED FOR APPROVAL PURPOSE	SL	VRS	NITIN	-	BSS
DATE	REV.NO.	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPD.	DATE



GENERAL LAYOUT PLAN
(SCALE 1:7500)

CO-ORDINATES OF CONTROL POINTS

POINTS	EASTING	NORTHING	REMARK
TW-1	628373.672	3157966.348	UNGATED WEIR AXIS LEFT BANK
BC-1	628478.823	3158011.562	BOX CHANNEL STARTING POINT
HRT-1	629284.012	3157880.585	INLET PORTAL OF HEAD RACE TUNNEL
BEND-1	631000.179	3158191.704	HEAD RACE TUNNEL BEND-1
BEND-2	632716.229	3157236.078	HEAD RACE TUNNEL BEND-2
AD-1	630841.402	3158041.517	ADIT-1 INLET PORTAL
ADJ-1	630789.474	3158153.506	ADIT-1 HRT JUNCTION
AD-2	632771.480	3157060.107	ADIT-2 INLET PORTAL
ADJ-2	632677.801	3157257.478	ADIT-2 HRT JUNCTION
SS-1	632755.277	3157181.720	SURGE SHAFT
VH-1	632825.288	3157084.260	VALVE HOUSE
AD-3	632766.399	3156916.008	ADIT-3 INLET PORTAL
ADJ-3	632866.727	3157026.575	ADIT-3 HRT JUNCTION
TRF-1	632916.499	3156957.288	TRIFURCATION POINT
PH-1	632948.288	3156915.971	POWER HOUSE CENTER UNIT
TRC-1	632961.147	3156889.994	TAIL RACE CHANNEL

CONSTRUCTION ADIT

S.NO.	MARKING	SIZE	LENGTH	REMARK
1	ADIT-1	ø6.0m D-SHAPE	130m	NEAR PIRPIT KORANG NALA
2	ADIT-2	ø6.0m D-SHAPE	227m	ADIT TO HRT NEAR SURGE SHAFT
3	ADIT-3	ø7.5m D-SHAPE	160m	ADIT TO PRESSURE SHAFT BOTTOM

PROJECT ROAD

S.NO.	MARKING	SIZE	LENGTH	REMARK
1	R-1	6.0m WIDE	1975m	EXISTING ROAD TO UNGATED WEIR
2	R-2	6.0m WIDE	450m	TB-1 TO LEFT BANK UNGATED WEIR AXIS
3	R-3	6.0m WIDE	2412m	PROPOSED ROAD FROM HEO POWER HOUSE TO HEO ADIT TO HRT INLET LENGTH-2412.00M.
4	R-4	6.0m WIDE	2290m	ADIT-1 TO SURGE SHAFT
5	R-5	6.0m WIDE	1100m	RJ1 TO POWER HOUSE
6	R-6	6.0m WIDE	710m	RJ2 TO VALVE HOUSE
7	R-7	6.0m WIDE	65m	SURGE SHAFT TO VALVE HOUSE
8	R-8	6.0m WIDE	3300m	EXISTING ROAD TO POWER HOUSE

NOTES:-



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- NO DIMENSION SHALL BE SCALED FROM THE DRAWING, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.

LEGEND:-

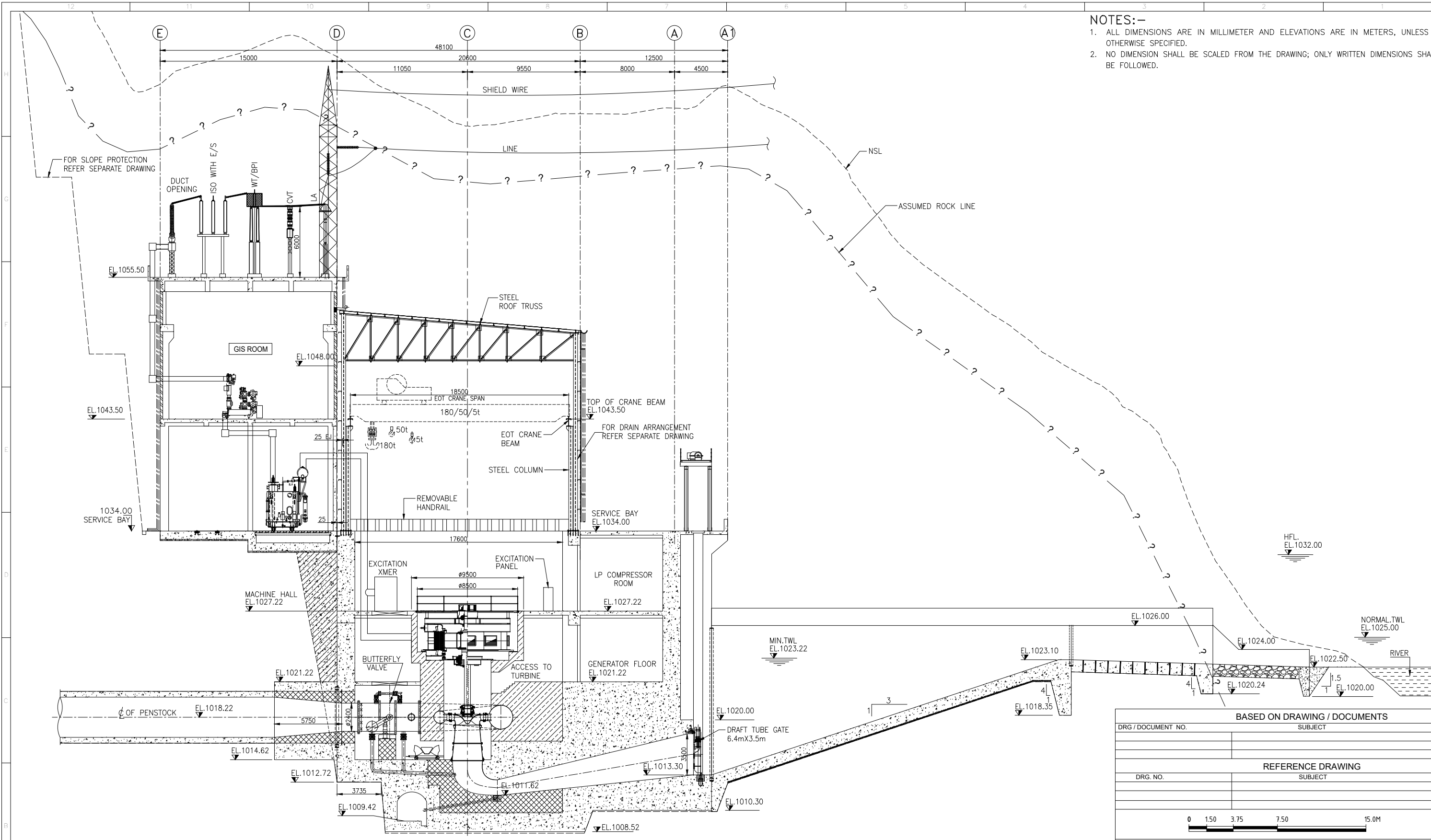
- CONTOURS
- EXISTING ROAD
- PROPOSED ROAD
- NALA
- RIVER

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20-09-2024	R0	ISSUED FOR APPROVAL PURPOSE	NVD	YCD	AV	-	-
DATE	REV.NO.	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPD.	DATE

FOR TENDER PURPOSE ONLY

BASED ON DRAWING / DOCUMENTS			
DRG. / DOCUMENT NO.		SUBJECT	
REFERENCE DRAWING			
DRG. NO.		SUBJECT	
<div><div>SCALE</div><div><div>0</div><div>75.0</div><div>187.5</div><div>375.0</div><div>750.0 M</div></div></div>			
<div>CLIENT:</div> <div><div></div><div><div>NORTH EASTERN ELECTRIC POWER CORPORATION LTD.</div><div>(A Govt. of India Enterprise)</div></div></div>			
<div><div>CONSULTANT:</div><div><div></div><div><div>TRACTEBEL ENGINEERING PVT. LTD.</div><div>Intec House, 37</div><div>Institutional Area, Sector 44</div><div>122002, Gurugram-INDIA</div></div></div></div>			
<div><div>PROJECT :</div><div><div>TATO-1 HEP (3X62 MW)</div><div>ARUNACHAL PRADESH, INDIA</div></div></div>			
<div>TITLE: GENERAL LAYOUT PLAN</div>		<div><div>SHEET</div><div>1</div></div>	
<div>DRG. No. W.003159-20711-GEN-GAD-7003</div>		<div>SCALE 1:7500</div>	<div><div>SIZE A1</div><div>REV. R0</div></div>

NOTES:-
1. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS, UNLESS OTHERWISE SPECIFIED.
2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.



CROSS SECTION
(SCALE 1:150)

LEGENDS:-

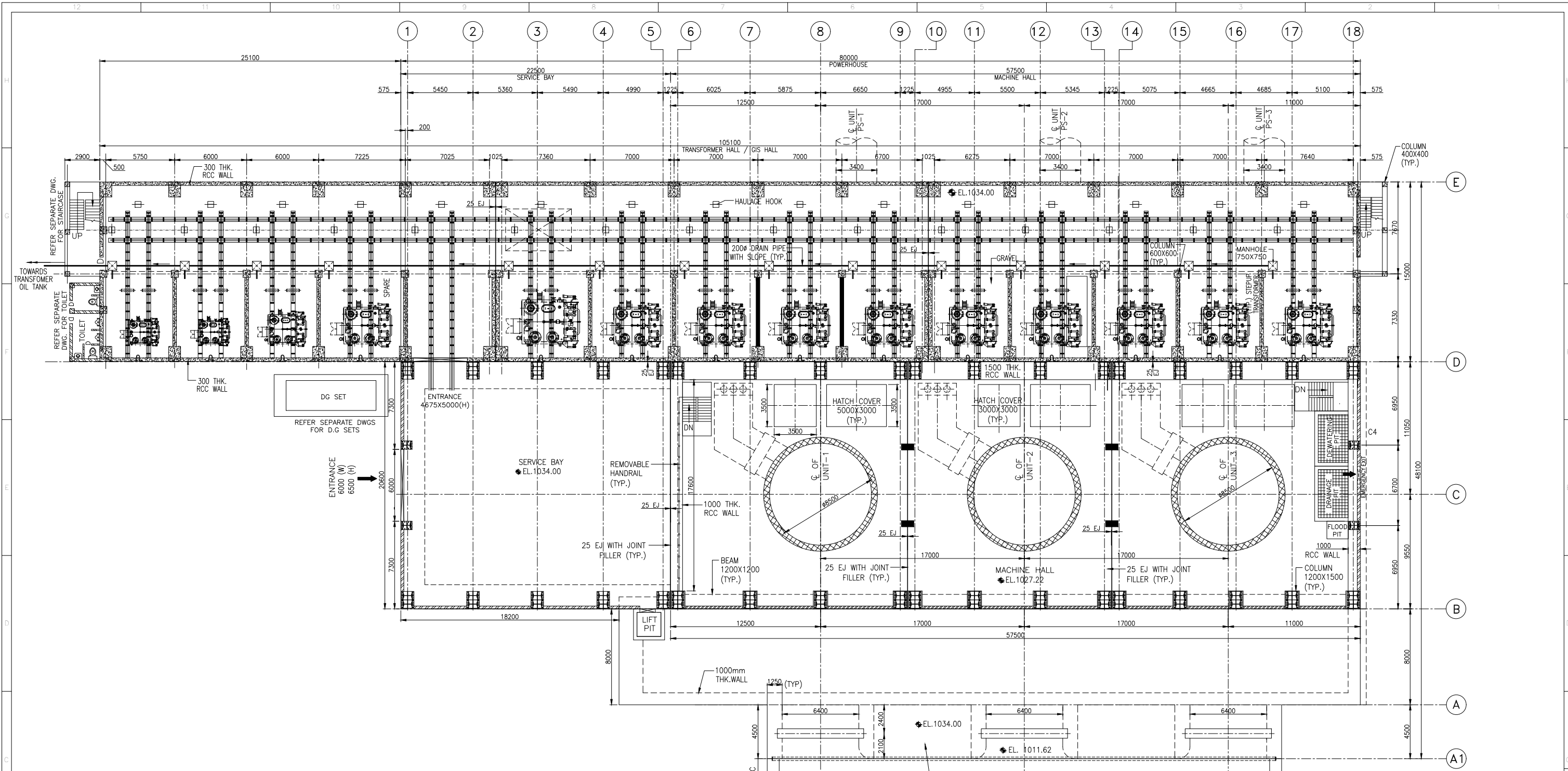
- FIRST STAGE CONCRETE
- SECOND STAGE CONCRETE
- BRICK WALL
- CJ CONTRACTION JOINT
- ROCK SURFACE
- ASSUMED ROCK LINE

DATE 08.01.2025

FOR TENDER PURPOSE ONLY

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08.01.2025	R0	ISSUED FOR APPROVAL PURPOSE	SL	VRS	NITIN	-	-
DATE	REV.NO.	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPD.	DATE

DRG / DOCUMENT NO.		SUBJECT	
DRG. NO.		SUBJECT	
0 1.50 3.75 7.50 15.0M			
CLIENT: NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)			
CONSULTANT: TRACTEBEL ENGINEERING PVT. LTD. Intec House, 37 Institutional Area, Sector 44 122002, Gurugram-INDIA			
PROJECT: TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA			
TITLE: POWERHOUSE CROSS SECTION			SHEET 1 OF 1
DRG. No. W.003159-20716-EMD-7201			SCALE 1 : 150
			SIZE A1
			REV. A0



- NOTES:-**
1. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS, UNLESS OTHERWISE SPECIFIED.
 2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. FOR NOTES REFER DRAWING NO:-W.003159-20711-PHS-GAD-7009.

- LEGENDS:-**
- FIRST STAGE CONCRETE M25 A20
 - SECOND STAGE CONCRETE M25 A20
 - THIRD STAGE CONCRETE M25 A20
 - BACKFILL CONCRETE (M15 A40) 40% PLUM
 - COMPACTED BACKFILL DRAINAGE FREE
 - BRICK WALL
 - RCC WALL
 - EJ EXPANSION JOINT
 - WS WATERSTOP
 - ROCK SURFACE
 - ASSUMED ROCK LINE

PLAN AT EL.1034.00
SERVICE BAY
(SCALE 1:150)

DATE 08.01.2025
FOR TENDER PURPOSE ONLY

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08.01.2025	R0	ISSUED FOR APPROVAL PURPOSE	SL	VRS	NITIN	-
DATE	REV.NO.	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPD.

BASED ON DRAWING / DOCUMENTS	
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REFERENCE DRAWING	
DRG. NO.	SUBJECT
CLIENT:	
NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)	
CONSULTANT:	
TRACTEBEL ENGINEERING PVT. LTD. Intec House, 37 Institutional Area, Sector 44 122002, Gurugram-INDIA	
PROJECT:	
TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA	
TITLE:	
POWERHOUSE SERVICE BAY PLAN AT EL.1034.00m	
DRG. No.	W.003159-20716-EMD-7202
SCALE	1 : 150
SIZE	A1
REV.	A0

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS, UNLESS OTHERWISE SPECIFIED.

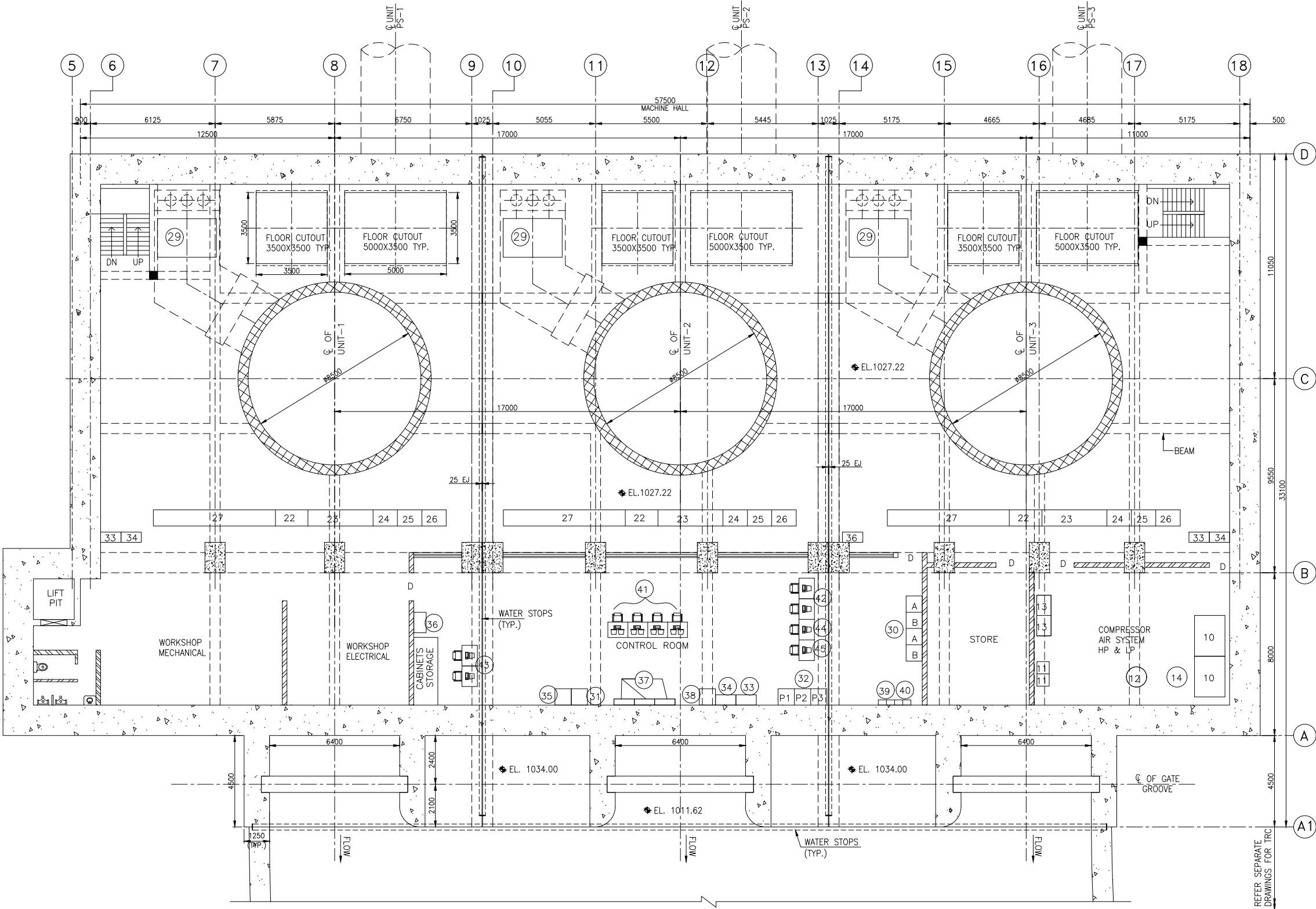
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LEGENDS:-

- FIRST STAGE CONCRETE
- SECOND STAGE CONCRETE
- BRICK WALL
- CONTRACTION JOINT

LIST OF EQUIPMENT

ITEM NO.	DESCRIPTION
10	HP COMPRESSOR
11	HP AIR DRAYER
12	HP AIR RECEIVER
13	PRESSURE REDUCING STATION
14	LP AIR RECEIVER
22	GOVERNOR PANEL
23	UNIT LOCAL CONTROL BOARD
24	PROTECTION PANEL A
25	PROTECTION PANEL B
26	PROTECTION PANEL COMMON
27	EXCITATION CUBICLE
28	VIBRATION PANEL
29	EXCITATION TRANSFORMER
30	PATCH PANEL
31	FIRE ALARM PANEL
32	PRINTER
33	DC PANEL
34	UPS PANEL
35	VOIP SYSTEM
36	AC SWITCH BOARD
37	LARGE VIDEO SCREEN
38	EPABX SYSTEM
39	ELDB
40	MLDB
41	OPERATOR WORK STATION
42	HISTORIAN WORK STATION
43	ENERGY MGMT. WORK STATION
44	LVS WORK STATION
45	ZOOM PROCESSOR WORK STATION



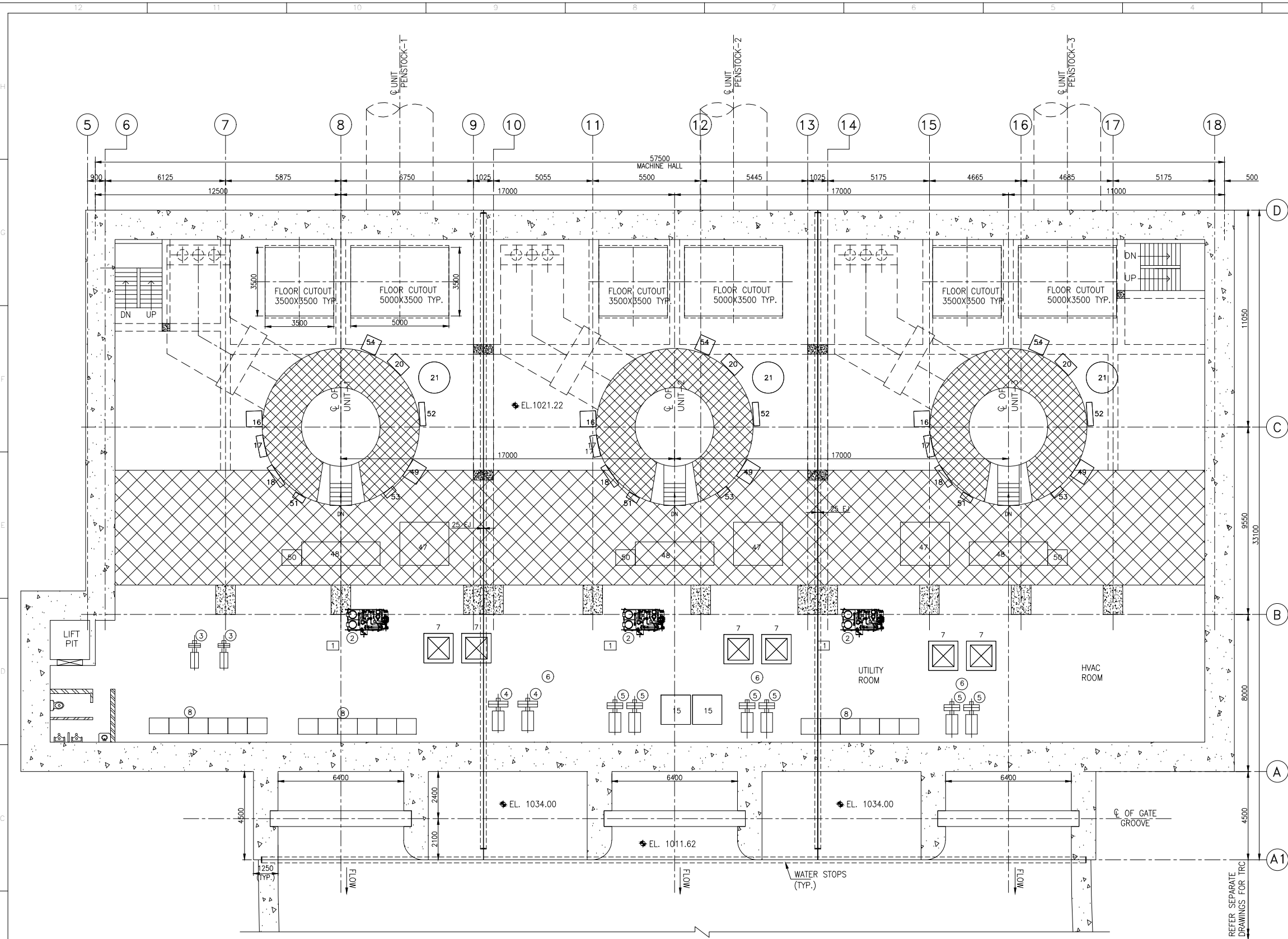
PLAN AT EL.1027.22
MACHINE HALL &
CONTROL ROOM
(SCALE 1:100)

DATE 08.01.2025

FOR TENDER PURPOSE ONLY

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08.01.2025	R0	ISSUED FOR APPROVAL PURPOSE	SL	VRS	NITIN	-
DATE	REV.NO.	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPD.

BASED ON DRAWING / DOCUMENTS	
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CLIENT:	
NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)	
CONSULTANT:	
TRACTEBEL ENGINEERING PVT. LTD. Intec House, 37 Institutional Area, Sector 44 122002, Gurugram-INDIA	
PROJECT:	
TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA	
TITLE:	
POWER HOUSE PLAN AT EL.1027.22 MACHINE HALL & CONTROL ROOM	
DRG. No.	
W.003159-20716-EMD-7203	
SCALE	SHEET
NITIN	1 OF 1
SIZE	REV.
A1	A0



PLAN AT EL.1021.22
GENERATOR FLOOR/UTILITY ROOM
(SCALE 1:100)

DATE 08.01.2025
FOR TENDER PURPOSE ONLY

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-	-	-	-	-	-	-
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08.01.2025	R0	ISSUED FOR APPROVAL PURPOSE	SL	VRS	NITIN	-
DATE	REV.NO.	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPD.
						DATE

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 - FOR NOTES REFER DRAWING NO:-W.003159-20711-PHS-GAD-7002.

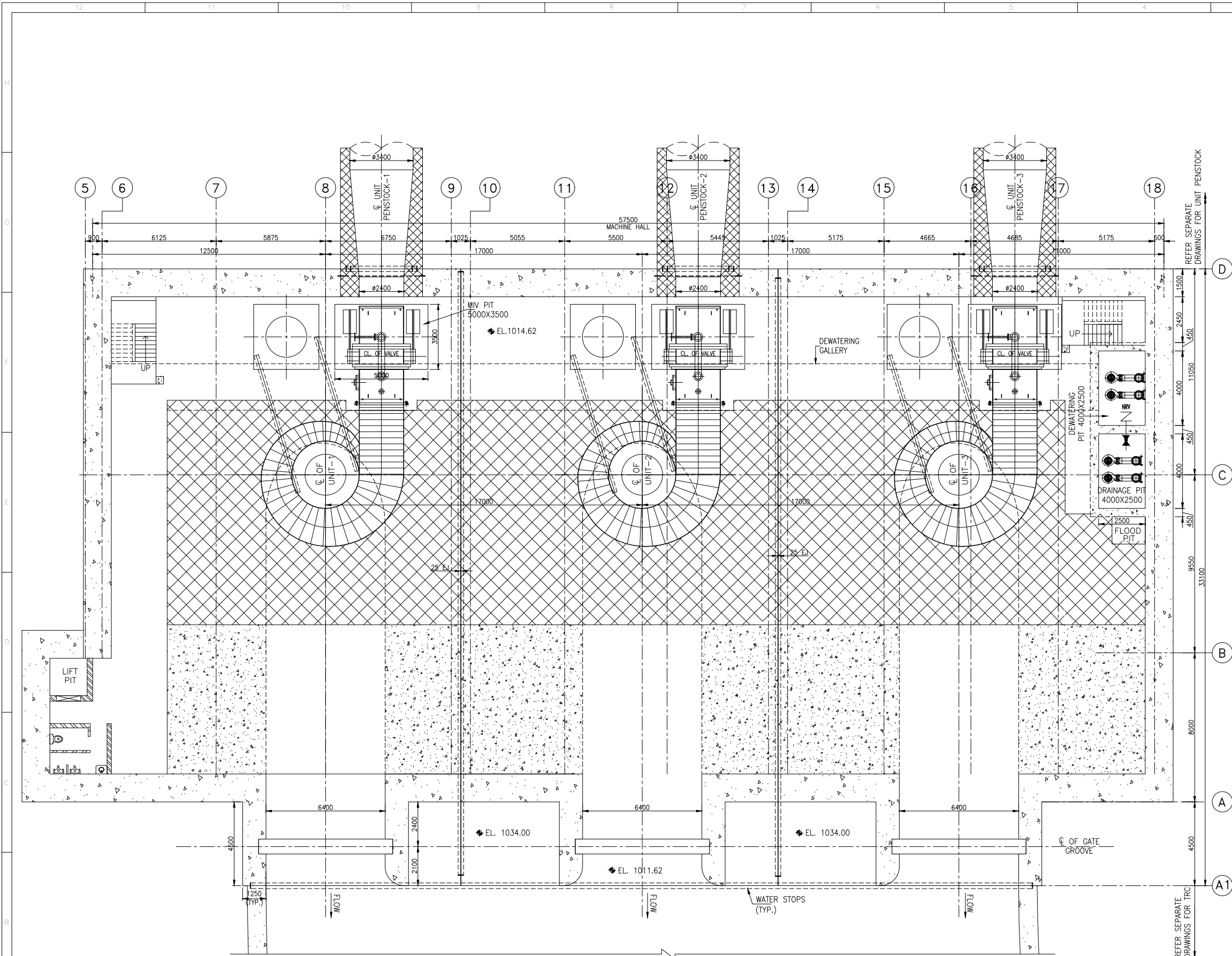
LEGENDS:-

- FIRST STAGE CONCRETE
- SECOND STAGE CONCRETE
- BRICK WALL
- CONTRACTION JOINT

LIST OF EQUIPMENT

ITEM NO.	DESCRIPTION
1	CONTROL PANEL FOR OPU
2	OPU
3	PUMP TO FILL FIRE WATER TANK
4	FIRE WATER PUMP
5	COOLING WATER PUMP
6	CYCLONE SEPARATOR
7	MOTORISED STRAINERS
8	CONTROL PANELS FOR COOLING WATER PUMPS / CYCLONE SEPARATOR / MOTORISED STRAINERS
9	CONTROL PANELS FOR PUMP TO FILL FIRE
15	OIL FILTRATION UNIT
16	HP OIL PLANT
17	GENERATOR BRAKE JACK CONTROL PLANT
18	BRAKE DUST COLLECTION PANEL
20	HMC
21	AIR VESSEL GOVERNOR
47	UNIT AUXILIARY TRANSFORMER
48	UNIT AUXILIARY BOARD
49	NG CUBICLE
50	TEMPERATURE MEASUREMENT & GAUGE PANEL
51	HS LUBE CONTROL PANEL
52	GENERATOR MARSHALLING BOX
53	HEATER CONTROL PANEL
54	HS LUBE SYSTEM

BASED ON DRAWING / DOCUMENTS	
DRG / DOCUMENT NO.	SUBJECT
REFERENCE DRAWING	
DRG. NO.	SUBJECT
0 1.00 2.5 5.0 10.0M	
CLIENT: NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)	
CONSULTANT: TRACTEBEL ENGINEERING PVT. LTD. Intec House, 37 Institutional Area, Sector 44 122002, Gurugram-INDIA	
PROJECT: TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA	
TITLE: POWERHOUSE PLAN AT EL.1021.22 GENERATOR FLOOR/UTILITY ROOM	
DRG. No.	W.003159-20716-EMD-7204
SCALE	1 : 100
SIZE	A1
REV.	A0
SHEET 1 OF 1	



PLAN AT EL.1014.62
MIV FLOOR
(SCALE 1:100)

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08.01.2025	R0	ISSUED FOR APPROVAL PURPOSE	SL	VRS	NITIN	-	-
DATE	REV.NO.	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPD.	DATE

NOTES:-
1. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS, UNLESS OTHERWISE SPECIFIED.
2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.

- LEGENDS:-
- [Pattern] FIRST STAGE CONCRETE
 - [Pattern] SECOND STAGE CONCRETE
 - [Pattern] BRICK WALL
 - CJ CONTRACTION JOINT

DATE 08.01.2025
FOR TENDER PURPOSE ONLY

BASED ON DRAWING / DOCUMENTS	
DRG / DOCUMENT NO.	SUBJECT
REFERENCE DRAWING	
DRG. NO.	SUBJECT







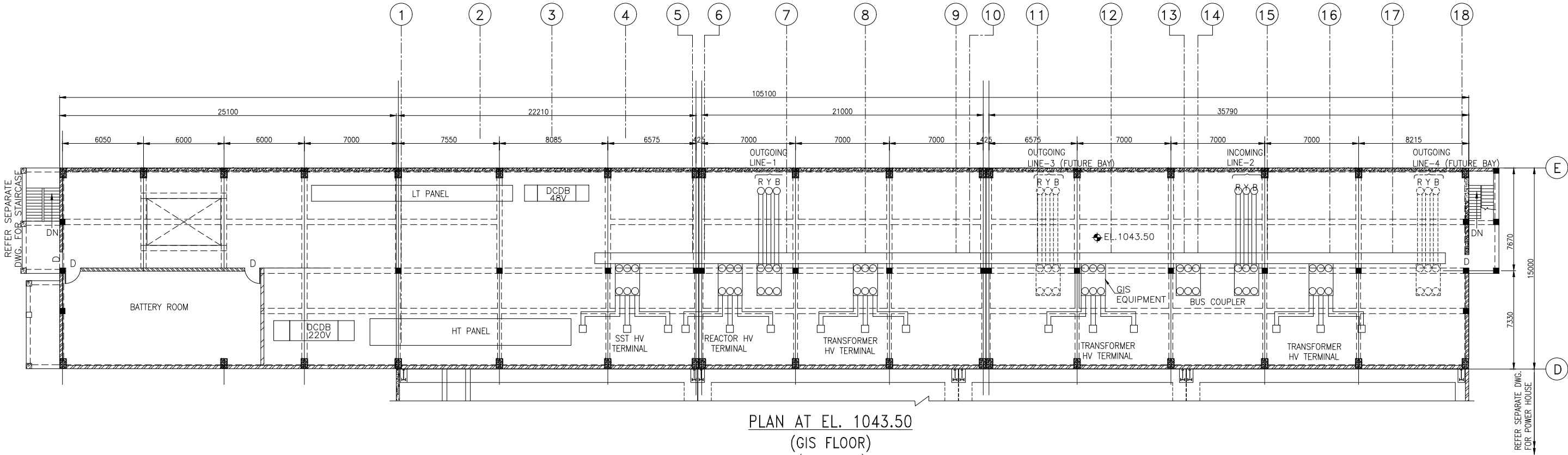
CLIENT:	NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)		
CONSULTANT:	TRACTEBEL ENGINEERING PVT. LTD. Intec House, 37 Institutional Area, Sector 44 122002, Gurugram-INDIA		
PROJECT :	TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA		
TITLE:	POWERHOUSE PLAN AT EL.1014.62 MIV FLOOR	SHEET 1 OF 1	
DRG. No.	W.003159-20716-EMD-7205	SCALE 1 : 100	SIZE A1
		REV. A0	

NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETER AND LEVELS ARE IN METER UNLESS OTHERWISE SPECIFIED.
2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.



LEGENDS:-

-  FIRST STAGE CONCRETE
 SECOND STAGE CONCRETE
 BRICK WALL
 CJ

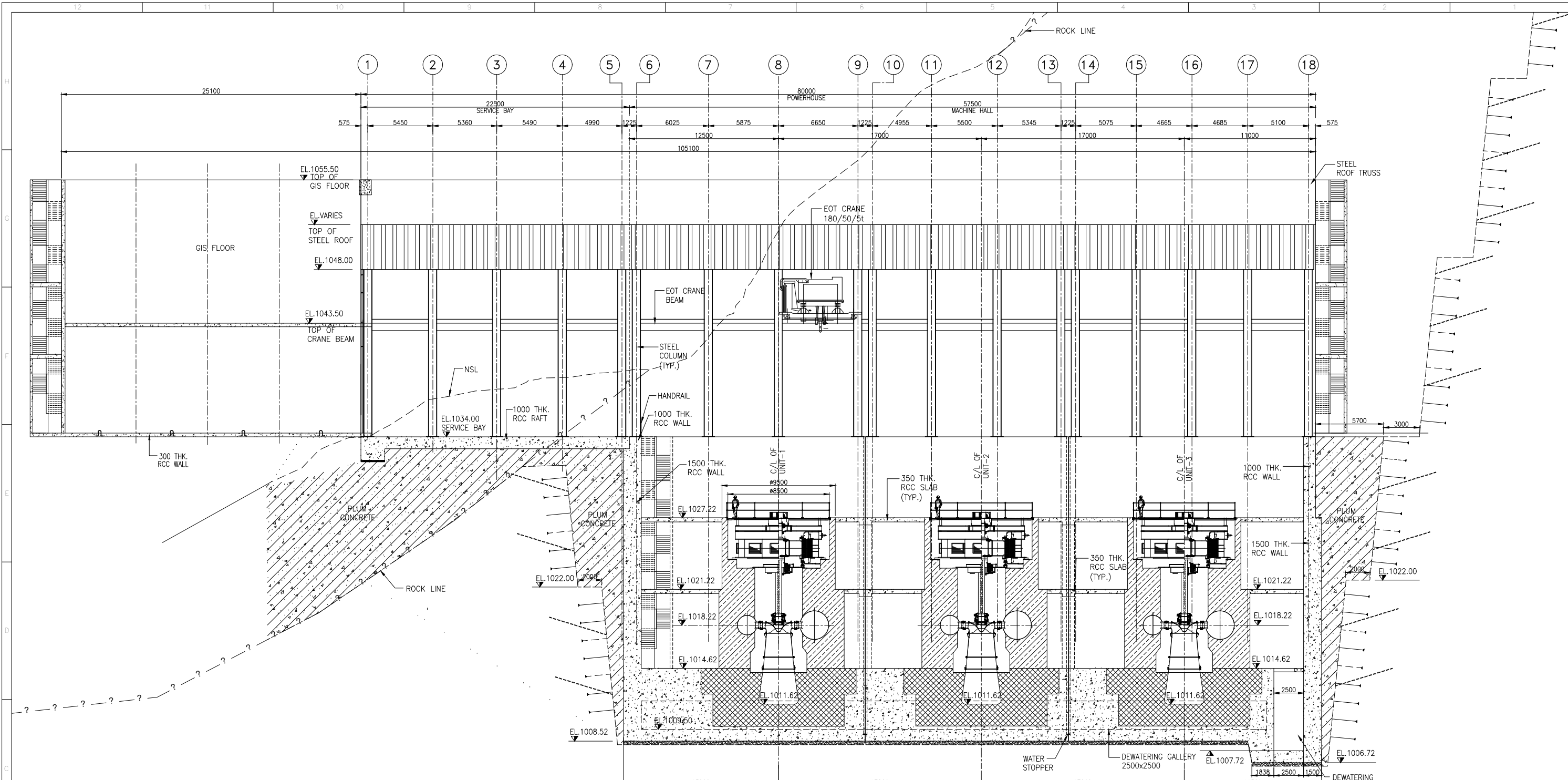


DATE 08.01.2025

FOR TENDER PURPOSE ONLY

BASED ON DRAWING / DOCUMENTS			
DRG. / DOCUMENT NO.		SUBJECT	
		REFERENCE DRAWING	
DRG. NO.		SUBJECT	
<div>01.503.757.5015.0M</div>			
CLIENT:			
<div><div>NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)</div></div>			
CONSULTANT:			
<div><div>TRACTEBEL ENGINEERING PVT. LTD. Intec House, 37 Institutional Area, Sector 44 122002, Gurugram-INDIA</div></div>			
PROJECT :			
TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA			
TITLE:			SHEET
POWER HOUSE PLAN AT 1043.50 GIS FLOOR			1 OF 1
DRG. No.		SCALE	SIZE
W.003159-20716-EMD-7206		1 : 150	A1
			REV.
			A0

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-	-	-	-	-	-	-	-
08.01.2025	R0	ISSUED FOR APPROVAL PURPOSE	SL	VRS	NITIN	-	-
DATE	REV.NO.	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPD.	DATE



LONGITUDINAL SECTION
(SCALE 1:150)

- NOTES:-
1. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS, UNLESS OTHERWISE SPECIFIED.
 2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING; ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 3. FOR NOTES REFER DRAWING NO:-W.003159-20711-PHS-GAD-7009.

LEGENDS:-

	FIRST STAGE CONCRETE M25 A20		EJ EXPANSION JOINT
	SECOND STAGE CONCRETE M25 A20		WS WATERSTOP
	THIRD STAGE CONCRETE M25 A20		--- ROCK SURFACE
	BACKFILL CONCRETE (M15 A40) 40% PLUM		BRICK WALL
	COMPACTED BACKFILL DRAINAGE FREE		RCC WALL
			PCC M10 A20
			-? - ASSUMED ROCK LINE

FOR TENDER PURPOSE ONLY

DATE 08.01.2025

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-	-	-	-	-	-	-	-
08.01.2025	R0	ISSUED FOR APPROVAL PURPOSE	SL	VRS	NT	-	-
DATE	REV.NO.	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPD.	DATE

BASED ON DRAWING / DOCUMENTS			
DRG / DOCUMENT NO.		SUBJECT	
REFERENCE DRAWING			
DRG. NO.		SUBJECT	
CLIENT: NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)			
CONSULTANT: TRACTEBEL ENGINEERING PVT. LTD. Intec House, 37 Institutional Area, Sector 44 122002, Gurugram-INDIA			
PROJECT : TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA			
TITLE: POWERHOUSE LONGITUDINAL SECTION			SHEET 1 OF 1
DRG. No. W.003159-20716-EMD-7208			SCALE NITIN
			SIZE A1
			REV. R0