

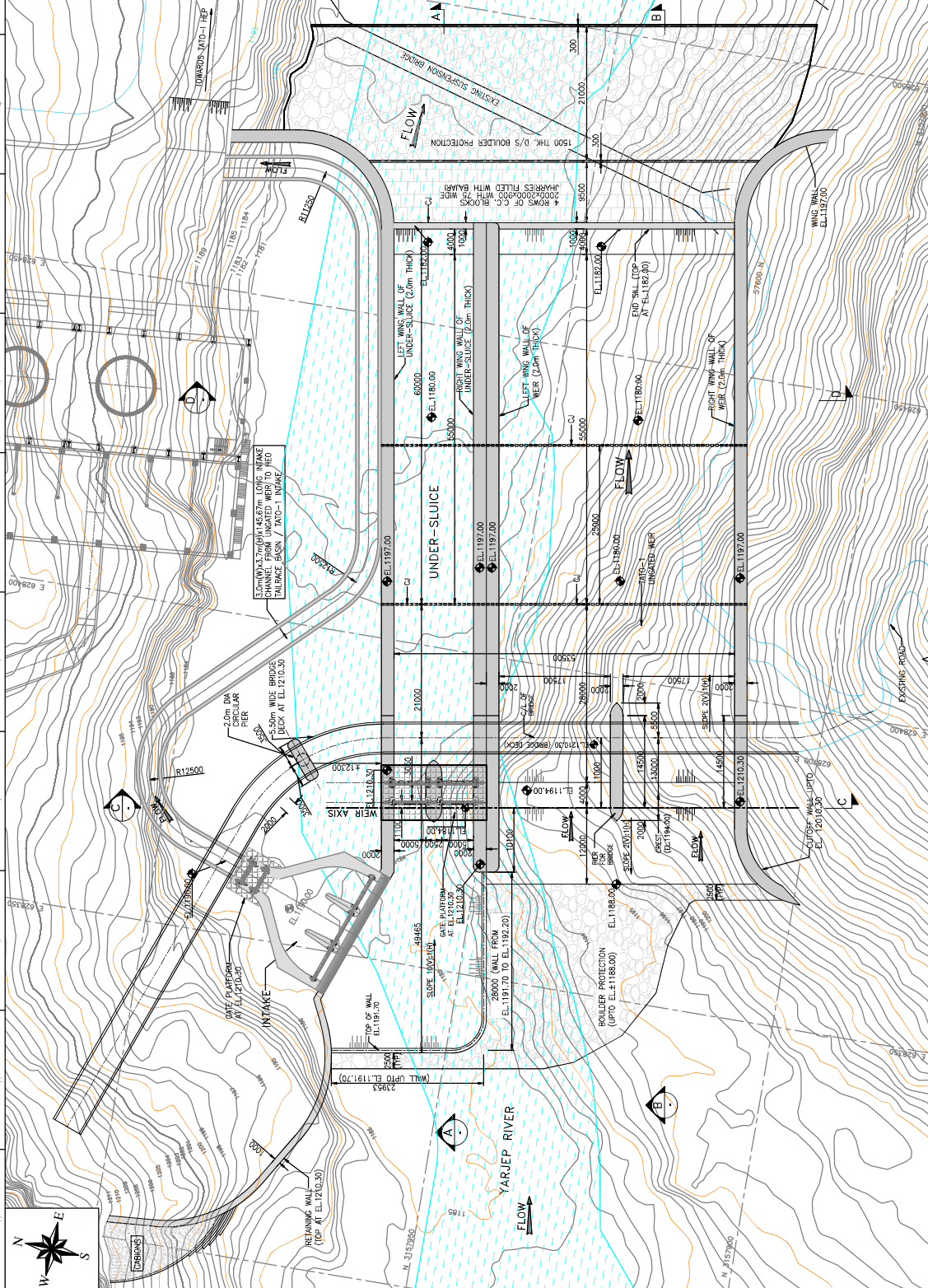
NOTES:-
1. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS.
2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.

- LEGEND:
- CONCRETE
 - BOULDER PROTECTION
 - C.C. BLOCK
 - P.C.C.
 - GABION

FOR TENDER PURPOSE ONLY

DRG / DOCUMENT NO.	SUBJECT
DRG. NO.	REFERENCE DRAWING
DRG. NO.	SUBJECT
SCALE	0 30 75 150 300M







CLIENT:	NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)
CONSULTANT:	TRACTEBEL ENGINEERING PVT.LTD. Industrials Area, Sector 44 122002, Gurgaon-HUDA
PROJECT:	TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA
TITLE:	UNGATED WEIR LAYOUT PLAN & SECTIONS
DRG. No.	W.003159-20711-UW-GAD-7001
SHEET	1 OF 3
SCALE	1:500
REV	A1
RD	





UNGATED WEIR - LAYOUT PLAN

DATE	REVISION	FOR TENDER PURPOSE ONLY	DESIGNER	CHECKED	DESIGN	APPROVAL	DATE
10/02/2024	R0						

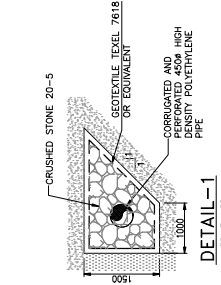
1. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS.
2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.

MASS CONCRETE	CONCRETE	BOULDER PROTECTION	C.C. BLOCK	P.C.C.	CONSTRUCTION JOINT
					

[illegible]

CLIENT:	 NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)
CONSULTANT:	 TRACTEBEL ENGINEERING PVT. LTD. Inter House- 27 1st Floor, National Wina, Sector-44 122002, Gurgaon-INDIA
PROJECT:	TATO-1 HEP (3x32 MW) ARUNACHAL PRADESH, INDIA

TITLE:	UNGATED WEIR SECTION & DETAILS		SHEET
			SHEET 2 OF 3
DRG. No.	W.003159-20711-JW-GAD-7002	SCALE	1:350 A1



DETAIL OF PVC WATER STOP TYPE-A (300mm WIDE)

DATE	REMARKS	DESCRIPTION	DRAIN	CHECKED	DESIGN	APPS.	DATE
10-04-2024	RD	FOR TENDER PURPOSE ONLY					

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

LEGEND:

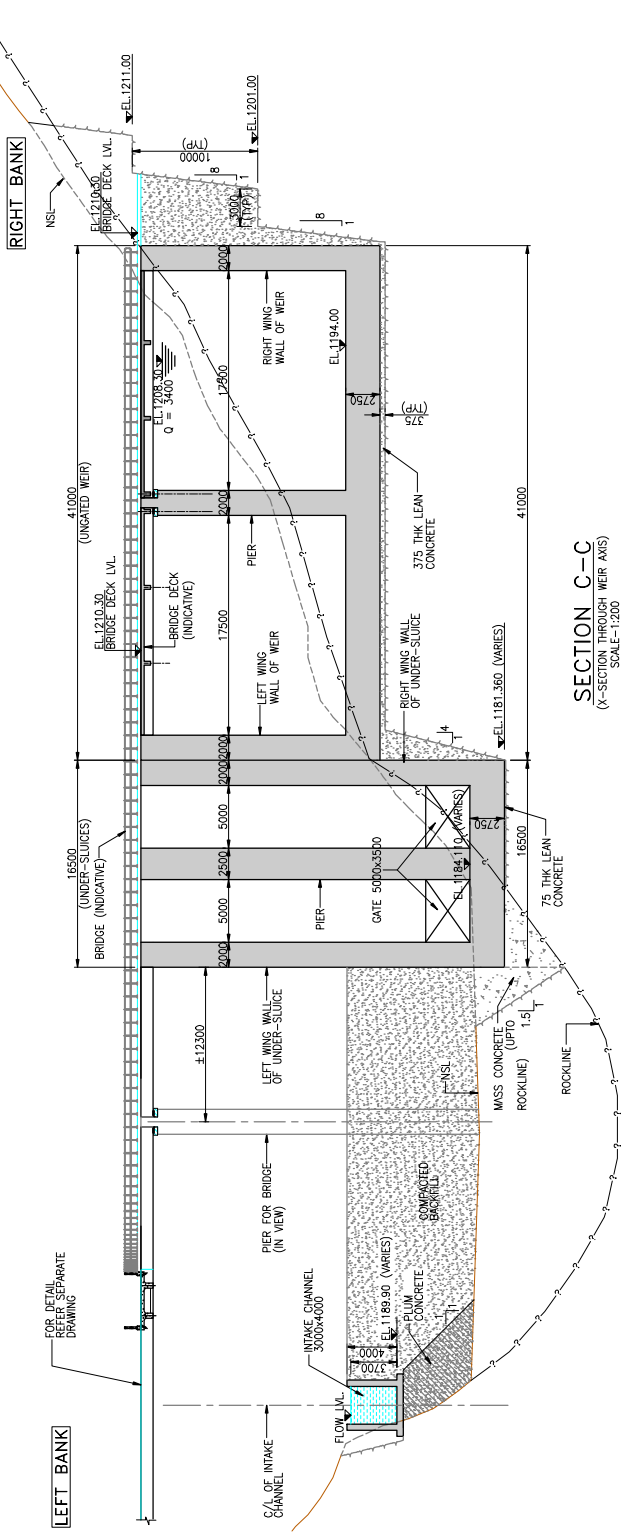
	MASS CONCRETE
	CONCRETE
	BOULDER PROTECTION
	C.C. BLOCK
	P.C.C.
	PULM CONCRETE
	BACK FILL

FOR TENDER PURPOSE ONLY

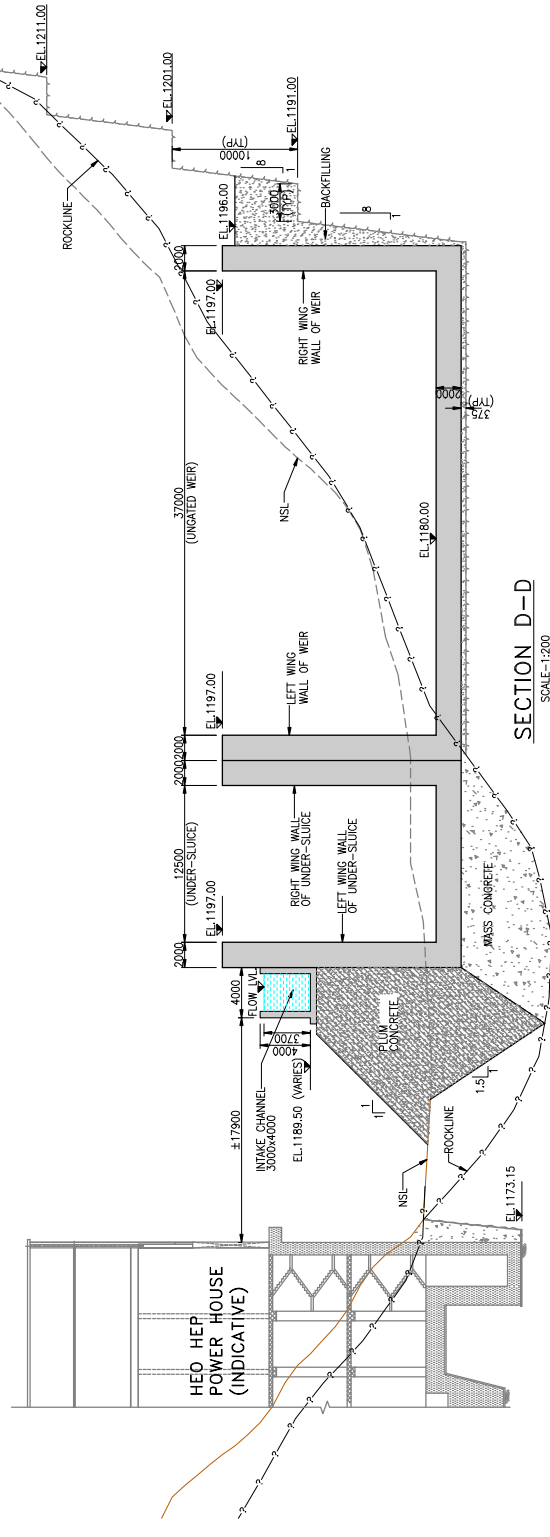
DRG / DOCUMENT NO.	BASED ON DRAWING / DOCUMENTS
DRG. NO.	REFERENCE DRAWING
DRG. NO.	SUBJECT
SCALE	0 25 50 75 100 125 150 175 200 225 250M

CLIENT:	NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)
CONSULTANT:	TRACTEBEL ENGINEERING PVT. LTD. Hite-House, 37 Industrial Area, Sector 44 122002, Gurgaon-HR
PROJECT:	TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA

TITLE:	UNGATED WEIR LAYOUT PLAN & SECTIONS
DRG. No.	W.003159-20711-UW-GAD-7003
SHEET	1 OF 3
SCALE	1:250

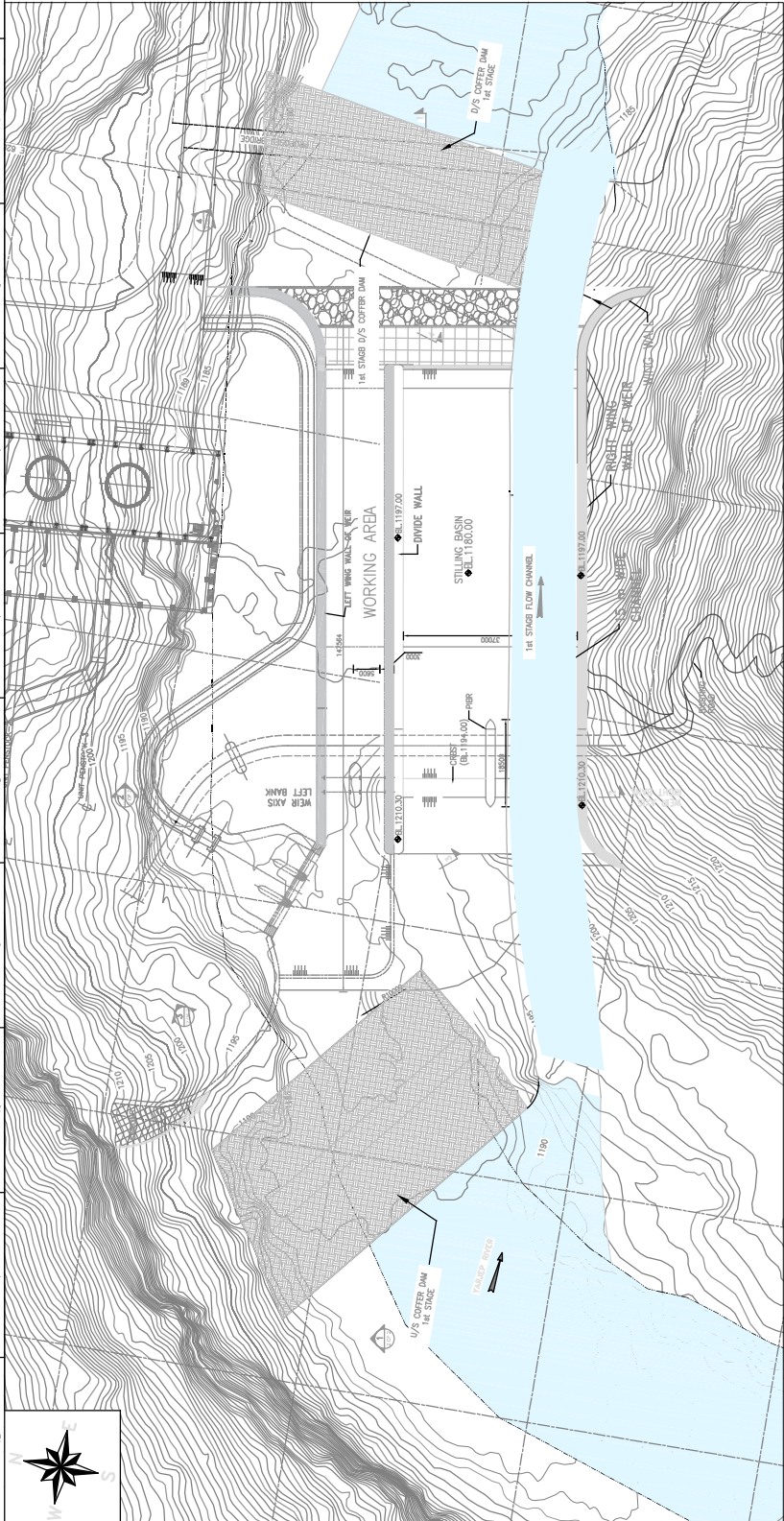


SECTION C-C
(X-SECTION THROUGH WEIR AXIS)
SCALE-1:200



SECTION D-D
SCALE-1:200

DATE	REVISION	FOR TENDER PURPOSE ONLY	DRAWN	CHECKED	DESIGN	APPROV.	DATE
10/10/2024	RD	FOR TENDER PURPOSE ONLY					

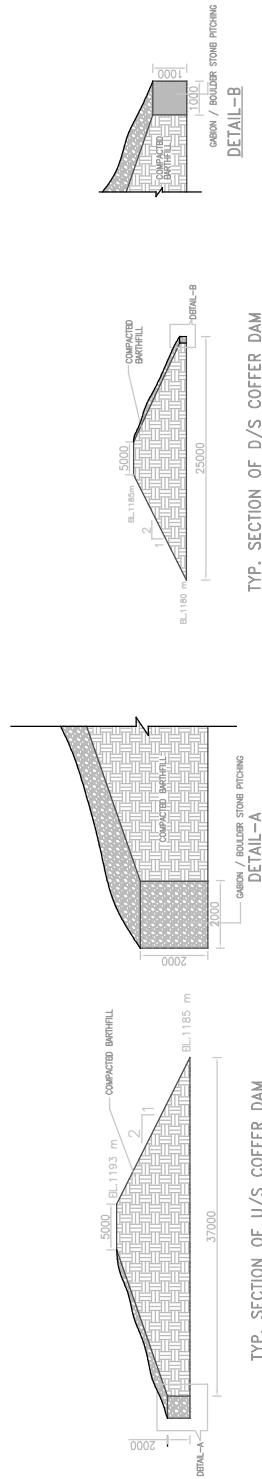


1st - STAGE DIVERSION PLAN
(SCALE 1:400)

- NOTES:-**
- 1. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS.
 - 2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- LEGEND:-**
- CONCRETE
 - BOULDER PROTECTION
 - C.C. BLOCK
 - CONCRETE
 - PCC

FOR TENDER PURPOSE ONLY

BASED ON DRAWING / DOCUMENTS	
DRG. DOCUMENT NO.	SUBJECT
REFERENCE DRAWING	
DRG. NO.	SUBJECT
SCALE	
0 10.0 20.0 40.0M	
CLIENT: NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)	
CONSULTANT: TRACTEBEL ENGINEERING PVT. LTD. Plot No. 37, Industrial Area, Sector 44 Gurgaon, Haryana 122002 (Gurgaon-Noida)	



PROJECT: TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA	
TITLE: FIRST STAGE DIVERSION LAYOUT PLAN & SECTIONS	
DRG. No.	W.003159-20711-DIV-GAD-7001
SCALE	AS SHOWN AT
DATE	10/10/2024
BY	AD
CHECKED	YCD
DESIGN	AV
APPRO.	
DATE	

NO.	REVISION	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPRO.	DATE
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NOTES:--
1. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS.
2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.

LEGEND:--

	CONCRETE
	BOULDER PROTECTION
	C.C. BLOCK
	CONCRETE
	PCC

FOR TENDER PURPOSE ONLY

DRG DOCUMENT NO. _____ SUBJECT _____

REFERENCE DRAWING _____ SUBJECT _____

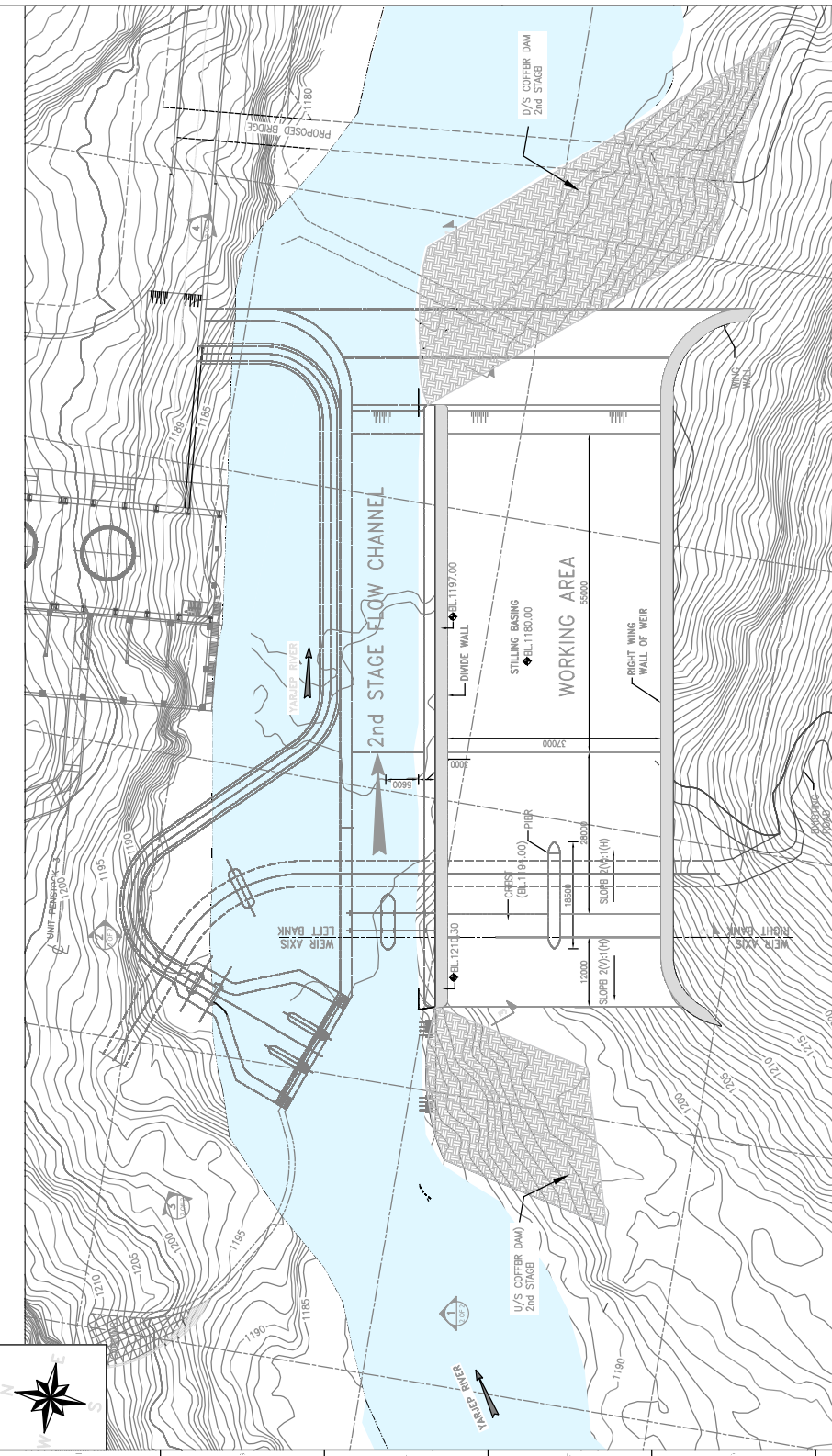
SCALE 0 10.0 20.0 40.0M

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

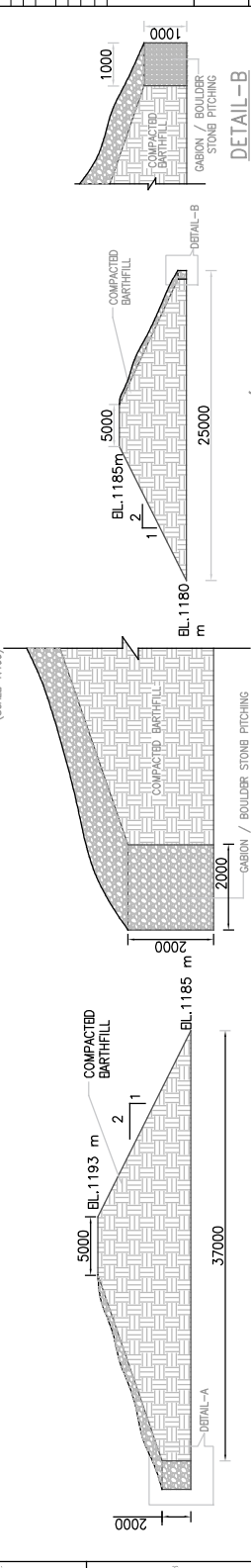
CONSULTANT: TRACTEBEL ENGINEERING PVT. LTD. Incub House, 37 Institutional Area, Sector 44 Gurgaon, Haryana 122002, Gurgaon, India

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

TITLE:	SECOND STAGE DIVERSION LAYOUT PLAN & SECTIONS	SHEET	SHEET 1 OF 1
DRG. No.	W.003159-20711-DIV-GAD-7002	SCALE	AS SHOWN



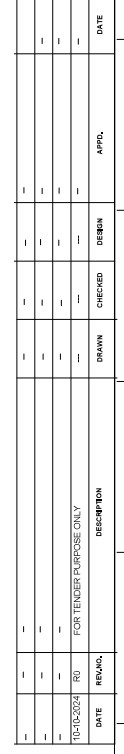
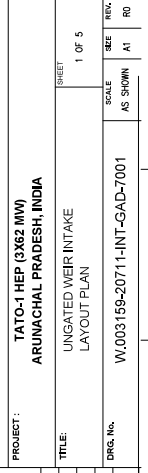
2nd - STAGE DIVERSION PLAN (SCALE 1:400)



TYP. SECTION OF U/S COFFER DAM

TYP. SECTION OF D/S COFFER DAM

DATE	REVISED	FOR TENDER PURPOSE ONLY	DESIGN	APPROV.	DATE
10/02/2024	AD	FOR TENDER PURPOSE ONLY			



NOTES:—
1. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS.
2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. FOR OTHER NOTES REFER DRAWING NO. W.003159-20711-INT-GAD-7001 (SHEET 1 OF 5).

- LEGEND:**
- CONCRETE
 - BOULDER PROTECTION
 - C.C. BLOCK
 - PLATFORM
 - P.C.C.
 - GABION

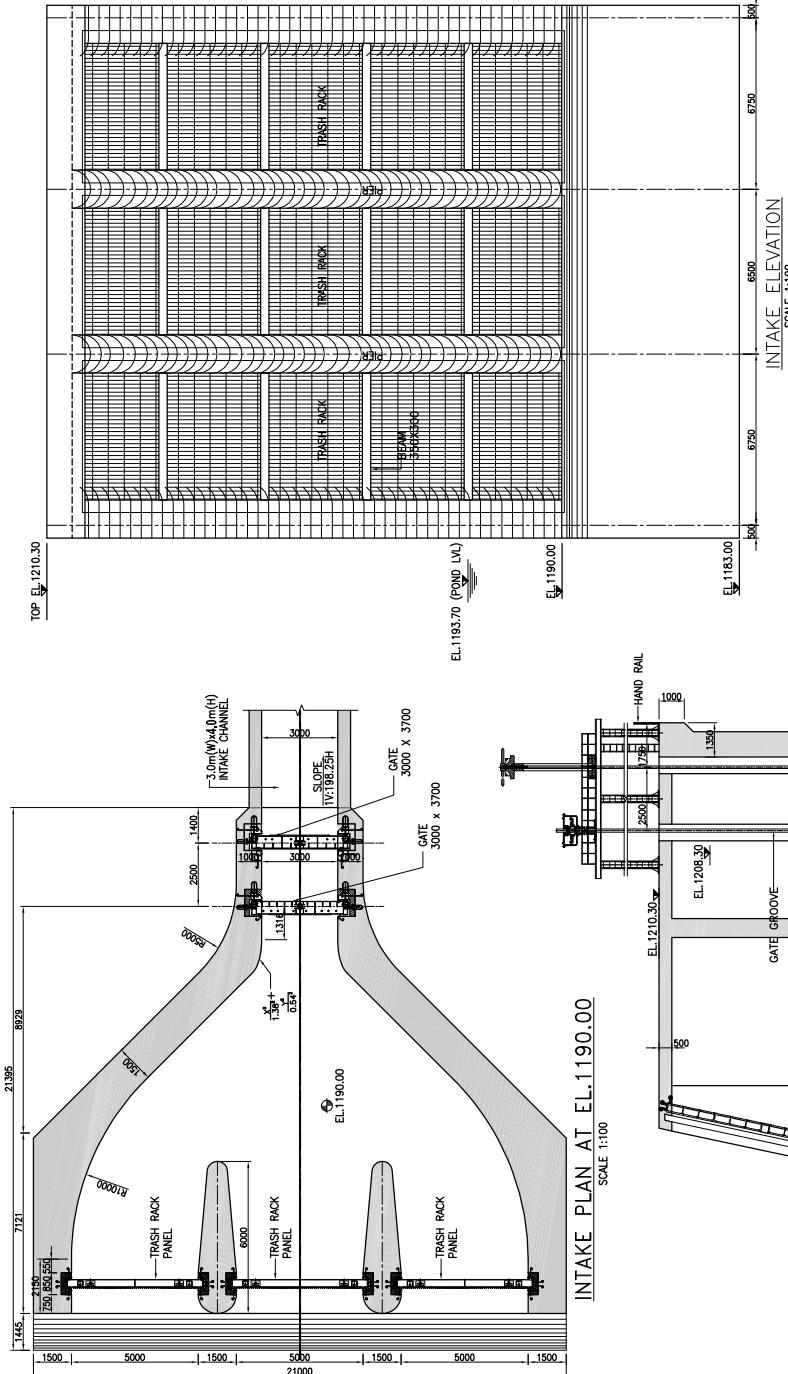
FOR TENDER PURPOSE ONLY

DRG / DOCUMENT NO.	SUBJECT
DRG. NO.	REFERENCE DRAWING
SUBJECT	
SCALE	0 3.0 7.5 15.0 30.0M

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

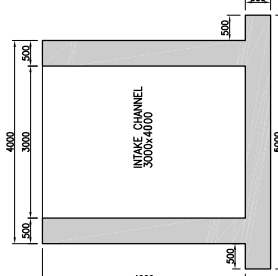
CONSULTANT: TRACTEBEL ENGINEERING PVT. LTD.
Tracto House, 37
Industrial Area Phase IV
120002, Gurgaon-Rohtak

PROJECT:	TATO-1 HEP (3X62 MW)
TITLE	UNGATED WEIR INTAKE PLAN & SECTIONS
DRG. No.	W.003159-20711-INT-GAD-7001
SCALE	AS SHOWN
SHEET	2 OF 5
REV.	NO.
AT	RO

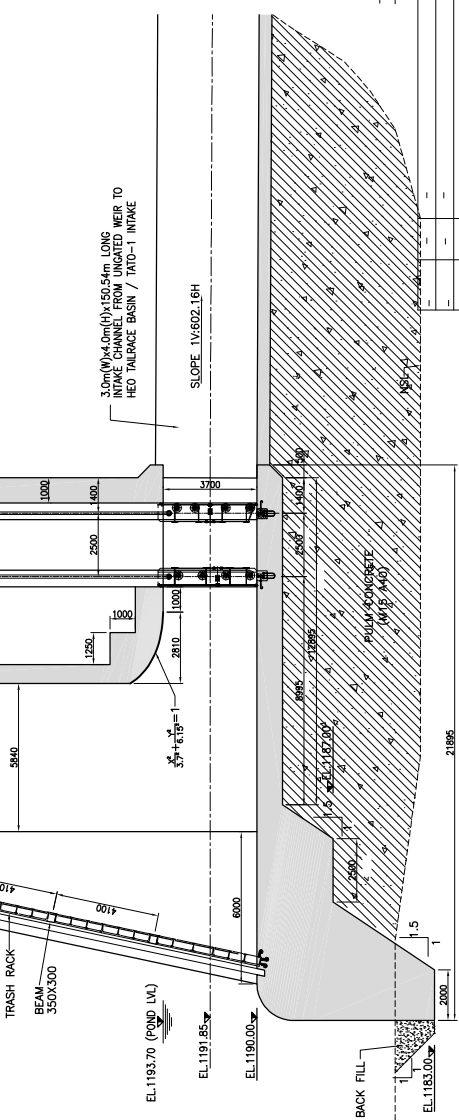


INTAKE ELEVATION
SCALE 1:100

INTAKE PLAN AT EL.1190.00
SCALE 1:100

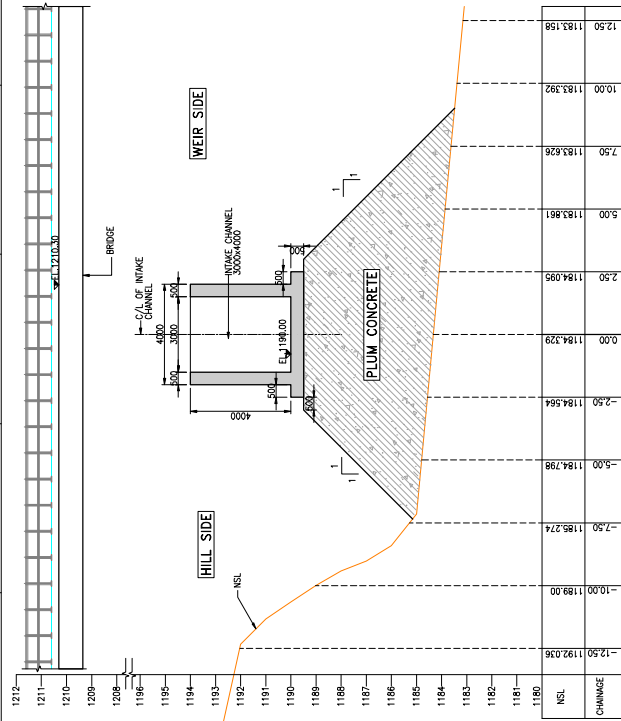


TYP. CROSS SECTION BOX CHANNEL
SCALE 1:50

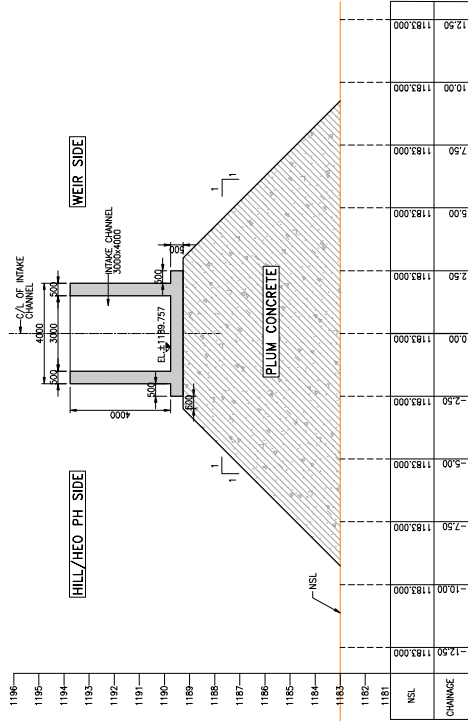


WEIR/CHANNEL INTAKE LONGITUDINAL SECTION
SCALE 1:100

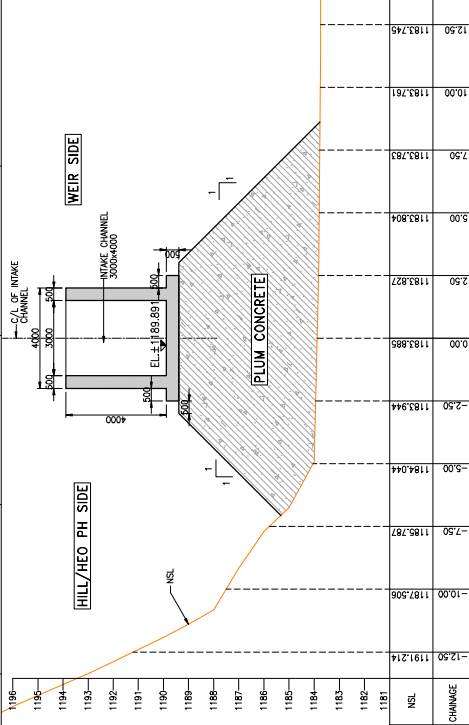
DATE	REVISION	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPRO.	DATE
10-10-2024	RO	FOR TENDER PURPOSE ONLY					



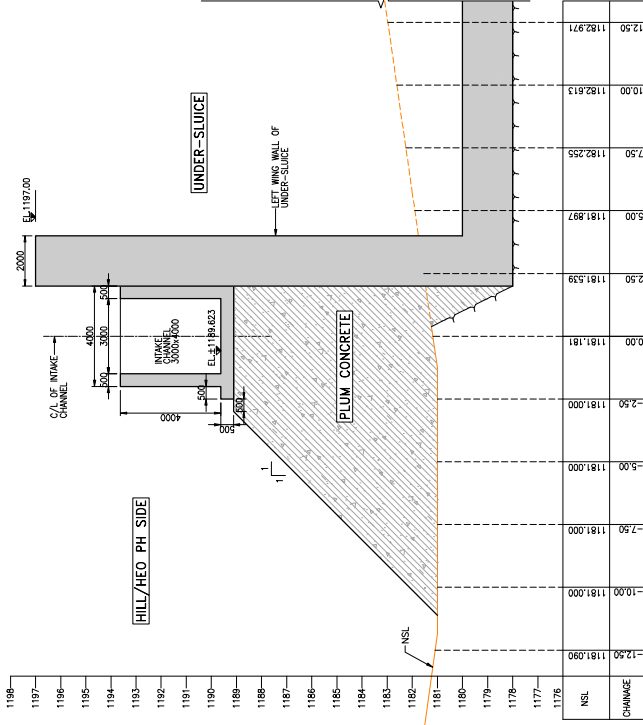
SECTION A-A
CROSS SECTION OF BOX CHANNEL AT CH-0.00
SCALE 1:100



SECTION C-C
CROSS SECTION OF BOX CHANNEL AT CH-50.00
SCALE 1:100



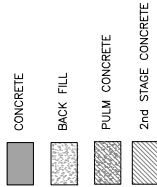
SECTION B-B
CROSS SECTION OF BOX CHANNEL AT CH-25.00
SCALE 1:100



SECTION D-D
CROSS SECTION OF BOX CHANNEL AT CH-75.00
SCALE 1:100

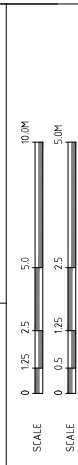
NOTES:-
1. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS.
2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. FOR OTHER NOTES REFER DRAWING No:-W.003159-20711-INT-540-7001 (SH.1 OF 5).

LEGEND:



FOR TENDER PURPOSE ONLY

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



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

CONSULTANT: TRACTEBEL ENGINEERING PVT. LTD.
Industrial Area, Sector 44
122002, Gurgaon-Haryana


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

TITLE: UNGATED WEIR INTAKE SECTIONS	AS SHOWN	4 OF 5	REV.
DRG. No. W.003159-20711-INT-GAD-7001			RD

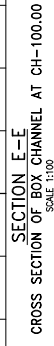
DATE	REVISED	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPROV.	DATE
05.10.2024	RD	FOR TENDER PURPOSE ONLY					

1. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS.
2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. FOR OTHER NOTES REFER DRAWING No:-W-003159-20711-INT-GAD-7001 (SH-1 OF 5).

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

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

TITLE: UNGATED WEIR INTAKE SECTIONS		SHEET 5 OF 5	
DRG. No.	W.003159-20711-INT-GAD-7001	SCALE AS SHOWN	REV. A1 R0

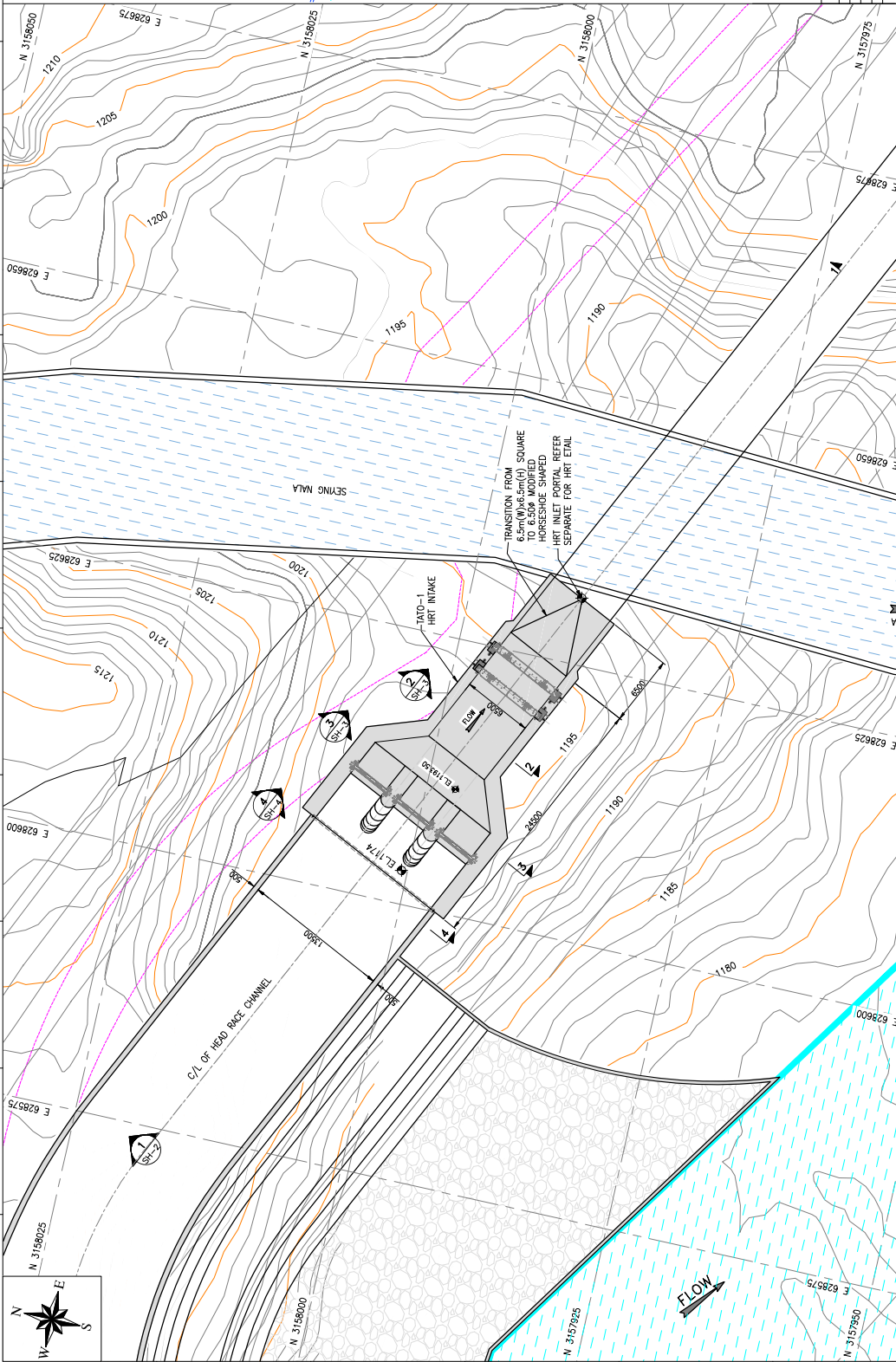


DATE	RECORD	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPRO.	DATE
08/10/2024	RO	FOR TENDER PURPOSE ONLY					

- NOTES:-**
1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METERS, UNLESS OTHERWISE SPECIFIED.
 2. NO DIMENSIONS SHALL BE MEASURED FROM THE DRAWING. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
 3. GRADE OF 1st STAGE CONCRETE SHALL BE M25 AS PER IS: 456-2000.
 4. GRADE OF CONCRETE FOR 2nd STAGE CONCRETE FOR GATE. GROOVES SHALL BE RCC M30 CONCRETE.
 5. CONSTRUCTION JOINT LOCATION SHALL BE DECIDED TO SUIT AT SITE & SUITABLE PVC WATER STOPPER SHALL BE PROVIDED AT EACH CONSTRUCTION JOINT.
 6. INSERT PLATES/EMBEDDED PARTS REQUIRED IF ANY SHALL BE PLACED IN POSITION PRIOR TO CONCRETING AS PER IAN DRAWING.
 7. CHECK FOR QUALITY AND SAFETY PARAMETERS ARE TO BE ENSURED DURING PROGRESS OF THE WORKS.

LEGEND:-

- MAJOR CONTOURS
- MINOR CONTOURS
- NALA
- RIVER
- CONCRETE M-25 A20



LAYOUT PLAN
(SCALE 1:200)

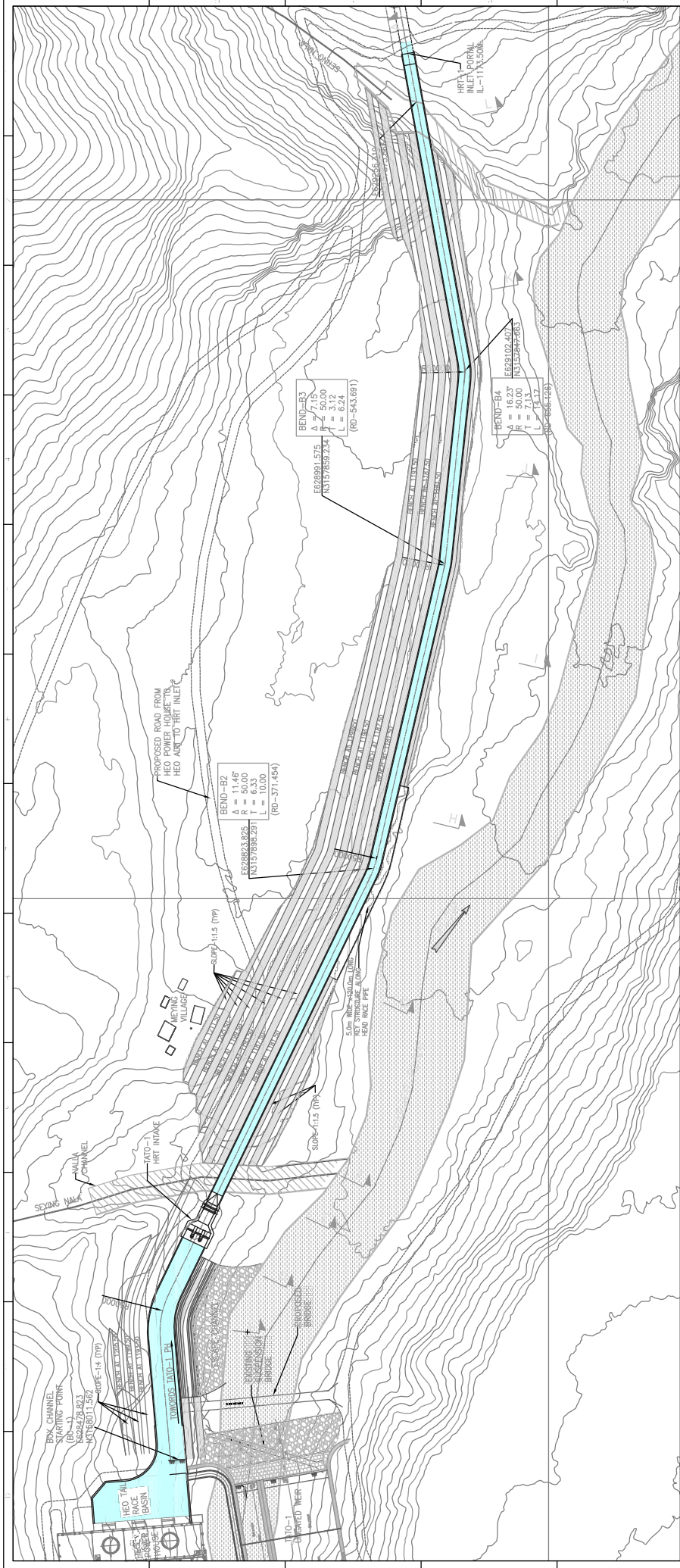
FOR TENDER PURPOSE ONLY

DRG / DOCUMENT NO.	SUBJECT
DRG. NO.	REFERENCE DRAWING
	SUBJECT



CLIENT:	NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)
CONSULTANT:	TRACTEBEL ENGINEERING PVT. LTD. Hite-House, 37 Industrial Area, Sector 44 122002, Gurgaon-Haryana
PROJECT:	TATO-1 HEP (3X62 MW) ARUNACHAL PRADESH, INDIA
TITLE:	POWER INTAKE LAYOUT PLAN
DRG. No.	W.003150-20711-NT-GAD-7002
SCALE	1 : 200
REV.	A1
REV.	P0

DATE	REVISION	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPR.	DATE
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09-04-2024	P0	FOR TENDER PURPOSE ONLY	-	-	-	-	-



GENERAL LAYOUT PLAN (HEAD RACE CHANNEL & HEAD RACE PIPE)

(SCALE 1:750)

NOTES:-

- 1. ALL DIMENSIONS ARE IN MILLIMETER AND ELEVATIONS ARE IN METERS.
- 2. NO DIMENSION SHALL BE SCALED FROM THE DRAWING, ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- 3. ALL CONCRETE WORKS SHALL CONFORM TO IS: 456-2000 AND HAND BOOK ON INDIAN STANDARD CODE OF PRACTICE FOR PLAIN AND REINFORCED CONCRETE (SP-24).
- 4. THE STRUCTURAL CONCRETE SHALL CONFORM TO THE TECHNICAL SPECIFICATION.
- 5. CONCRETE SHALL BE COMPACTED USING MECHANICAL VIBRATORS.

FOR TENDER PURPOSE ONLY

DRG DOCUMENT NO.		BASED ON DRAWING / DOCUMENTS	
DRG NO.		REFERENCE DRAWING	
DRG NO.		SUBJECT	
SCALE		<div>075.0187.5375.0750.0M</div>	
CLIENT:		NORTH EASTERN ELECTRIC POWER CORPORATION LTD. (A Govt. of India Enterprise)	
CONSULTANT:		TRACTEBEL ENGINEERING PVT. LTD. Hitech House, 37 Hitech Park, Sector 44 Gurgaon, Haryana 122002, Gurgaon-INDIA	
PROJECT :		TATO-1 HEP (3X82 MW) ARUNACHAL PRADESH, INDIA	
TITLE:		HEAD RACE CHANNEL & HEAD RACE PIPE GENERAL LAYOUT PLAN	
DRG. No.		W.003159-20711-HRC-GAD-7001	REV:
SCALE		1:750	SHEET
SHEET		1 OF 5	AT

LEGEND:-

- CONTOURS
- PROPOSED ROAD
- NALA
- RIVER
- BOULDER

DATE	REVISION	DESCRIPTION	DRAWN	CHECKED	DESIGN	APPRO.	DATE
08-10-2024	RD	FOR TENDER PURPOSE ONLY	-	-	-	-	-
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