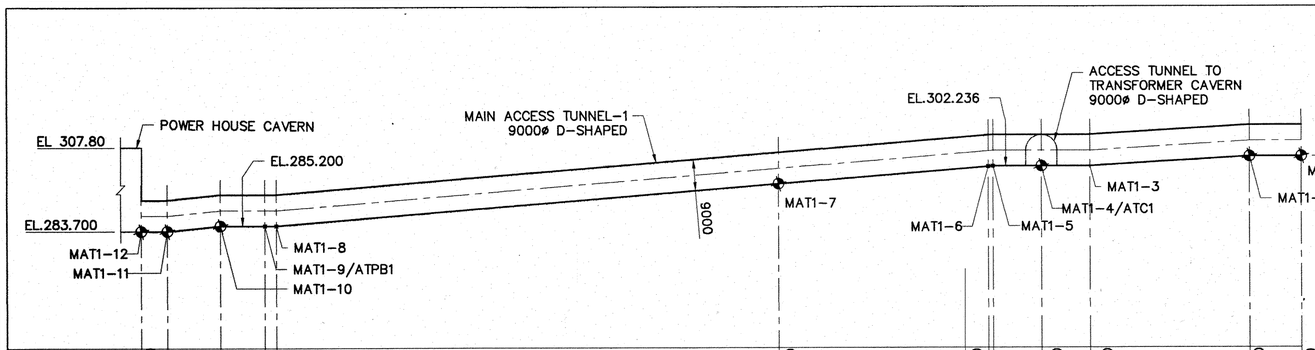
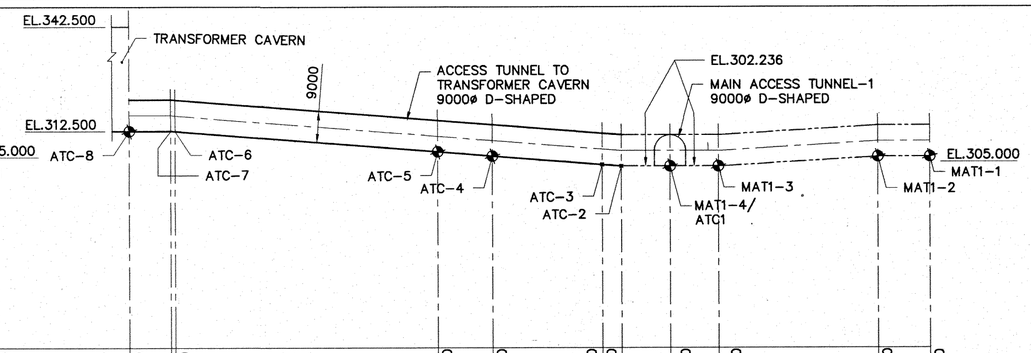


NATURAL SURFACE LEVEL	532.000	524.000	510.000	500.000	497.000	404.000	395.000		389.500	376.000	336.000	321.300
TUNNEL INVERT LEVEL (FINISHED)	283.700	283.700	285.200	285.200	285.200	297.133	302.125	302.236	302.236	302.236	305.00	305.00
PARTIAL LENGTH	7500	15361	12826	3294	144897	60605	1351	14000	14000	46000	15000	
CUMULATIVE LENGTH	334834	327334	311973	299147	295853	150956	90351	89000	75000	61000	15000	00.00
SLOPE	0%	9.765%	0%	← 8.236%				0%	0%	← 6.009%	0%	
CURVE DATA						R=40000						



NATURAL SURFACE LEVEL	506.000	494.000	442.000	433.000	406.000	400.000	389.500	376.000	336.000	321.300
TUNNEL INVERT LEVEL (FINISHED)	312.500	312.500	312.401	306.421	305.175	302.677	302.236	302.236	302.236	305.000	305.000
PARTIAL LENGTH	12000	1256	75786	15792	31664	5587	14000	−14000	−46000	−15000	
CUMULATIVE LENGTH	156085	144085	142829	67043	51251	19587	14000	0000	−14000	−60000	−75000
SLOPE	0%	7.890% →				0%	0%	← 6.009%		0%	
CURVE DATA		R=50000		R=50000						

LONGITUDINAL SECTION (A) 02

MAIN ACCESS TUNNEL-1 (MAT-1)

LONGITUDINAL SECTION (B) 02

ACCESS TUNNEL TO TRANSFORMER
CUM GIS CUM DRAFT TUBE GATE OPERATING CAVERN
(ACCESS TUNNEL TO TRANSFORMER CAVERN)

CO-ORDINATES:-

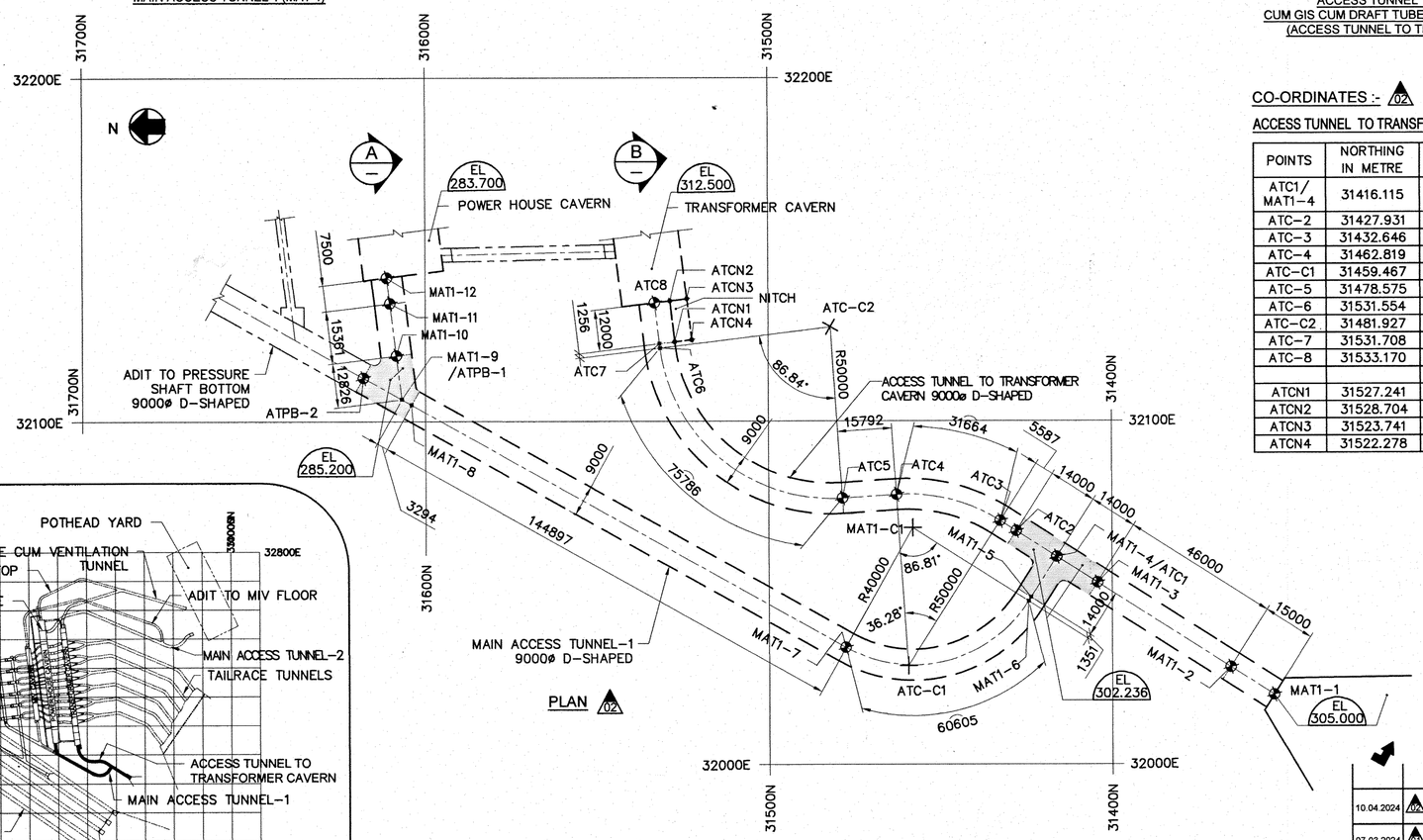
(MAIN ACCESS TUNNEL-1) 02

POINTS	NORTHING IN METRE	EASTING IN METRE
MAT1-1	31352.819	32020.194
MAT1-2	31365.478	32028.240
MAT1-3	31404.300	32052.916
MAT1-4/ATC1	31416.115	32060.425
MAT1-5	31423.625	32048.610
MAT1-6	31424.350	32047.470
MAT1-7	31477.653	32034.027
MAT1-C1	31458.108	32068.927
MAT1-8	31604.074	32104.828
MAT1-9/ATPB-1	31606.948	32106.437
MAT1-10	31608.511	32119.168
MAT1-11	31610.383	32134.415
MAT1-12	31611.297	32141.859
ATPB-2	31618.139	32112.704

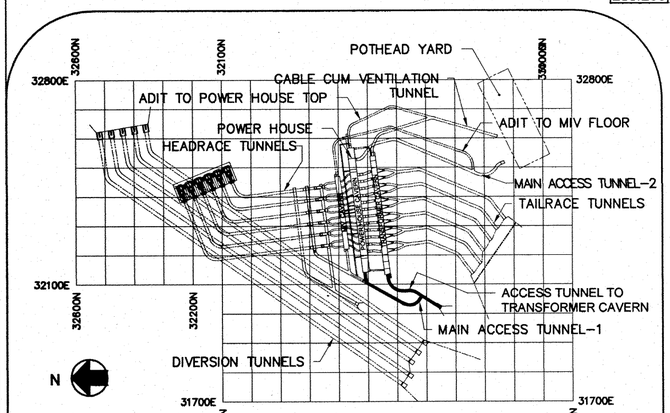
CO-ORDINATES :- 02

ACCESS TUNNEL TO TRANSFORMER CAVERN

POINTS	NORTHING IN METRE	EASTING IN METRE
ATC1/ MAT1-4	31416.115	32060.425
ATC-2	31427.931	32067.935
ATC-3	31432.646	32070.932
ATC-4	31462.819	32078.622
ATC-C1	31459.467	32028.735
ATC-5	31478.575	32077.564
ATC-6	31531.554	32121.358
ATC-C2	31481.927	32127.451
ATC-7	31531.708	32122.605
ATC-8	31533.170	32134.515
ATCN1	31527.241	32123.153
ATCN2	31528.704	32135.064
ATCN3	31523.741	32135.673
ATCN4	31522.278	32123.762



PLAN 02



KEY PLAN
(NTS)

NOTES:-

1. सभी माप मिलीमीटर में, ग्रिड तथा ऊचांई मीटर में दिए गए है।
   ALL DIMENSIONS ARE IN MILLIMETRE, GRIDS AND ELEVATIONS ARE IN METRE
2. GRIDS HAVE BEEN REPRODUCED FROM S.O.I. TOPO SHEET. THE ACCURACY OF THE GRID SYSTEM SHALL BE ESTABLISHED WITH EXISTING S.O.I BENCH MARK AT SITE BEFORE ADOPTING COORDINATES.
3. THE VALUES OF NSL ARE BASED ON SURVEY (DRG. NO. NH−PID−DIBANG−17 DATED 02.11.2023) PROVIDED BY PID DIVISION VIDE IOM NO. NH\CO\PROJECT\INVESTIGATION DIVISION\2023\700 DATED 02.11.2023. SAME SHALL BE VERIFIED WITH EXISTING BENCH MARKS AT SITE
4. THE LEVELS SHOWN CORRESPONDS TO THE FINISHED SURFACES/LINES. FOR LEVELS OF EXCAVATION REFER EXCAVATION DRAWING.
5. FOR EXCAVATION AND ROCK SUPPORT DETAILS REFER SEPARATE DRAWINGS.
6. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH DRG. NO. NHDB−1AC4−41−DD−0001.

REFERENCE DRAWINGS:-

1. NHDB−1AC4−41−DD−0001.

0 12.50 37.50 62.50 METRE

DATE	NO.	REVISION OR ISSUES	BY.	CH.	APP.
10.04.2024	02	JUNCTION OF MAT-1 AND ACCESS TUNNEL TO TC OPTIMISED. GENERAL UPDATION.			
07.03.2024	01	PORTAL LOCATION MODIFIED AS PER PROJECT IOM NO. NH /DIBANG/POWER HOUSE-CIVIL/2024/24 DATED 29.02.2024	sd/-	sd/-	sd/-
12.12.2023	00	ISSUED FOR CONSTRUCTION	sd/-	sd/-	sd/-

DESIGN MEMO NO.- डिजाइन मेमो संख्या

एन एच पी सी लिमिटेड
(भारत सरकार का उद्यम)
NHPC Limited
(A GOVT. OF INDIA ENTERPRISE)

दिबांग बहुउद्देशीय परियोजना
DIBANG MULTIPURPOSE PROJECT

POWER HOUSE COMPLEX
MAIN ACCESS TUNNEL-1 & ACCESS TUNNEL TO TRANSFORMER CUM GIS CUM DRAFT TUBE G.O.C.
SETTING OUT PLAN AND LONGITUDINAL SECTION

DRAWN sd/- अंकित PRABHAT ASWAL	SUBMITTED sd/- प्रस्तुत PRABHAT ASWAL	RECOMMENDED sd/- अनुशंसित RAJEEV KUMAR	DEM/HM	APPROVED sd/- अनुमोदन S. CHOWDHURY

DATE दिनांक	DRG. NO. ड्रेइंग संख्या					
DEC 2023	NHDB	4BC4	41	DD	0005	02

DRG. NO. NHDB-4BC4-41-DD-0005-02