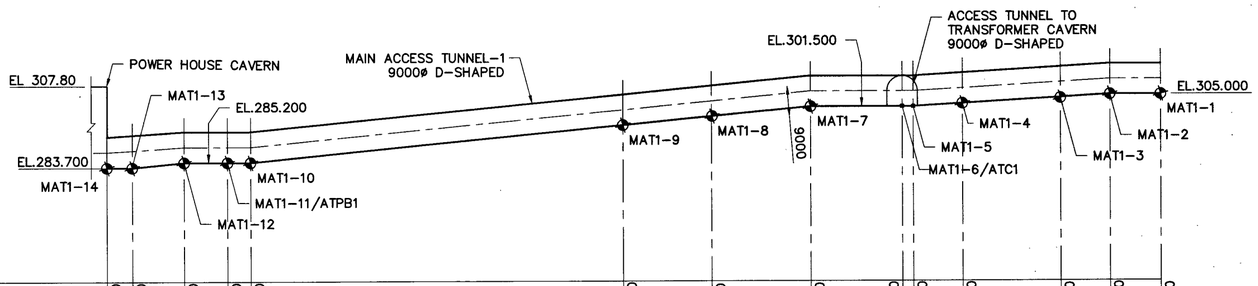
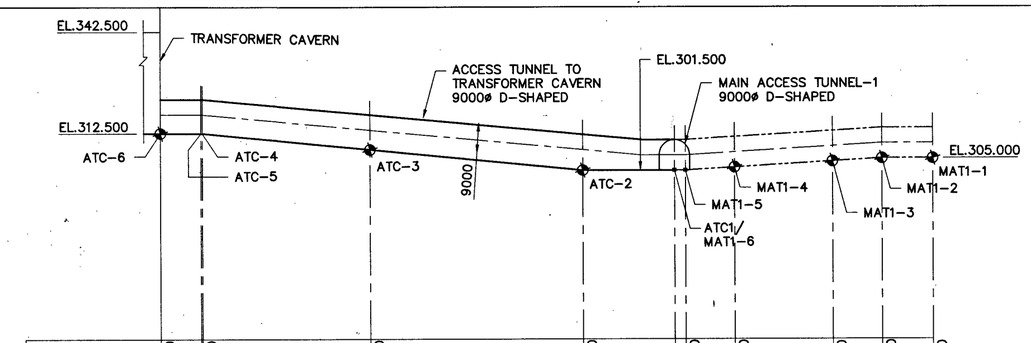


NATURAL SURFACE LEVEL	532.700	524.200	509.250	499.000	494.300	435.300	414.100	401.000	392.200	390.500	372.000	351.000	336.000	321.300
TUNNEL INVERT LEVEL (FINISHED)	283.700	283.700	285.200	285.200	285.200	296.036	298.613	301.500	301.500	301.500	302.377	304.120	305.00	305.00
PARTIAL LENGTH	7500	15361	12826	6841	110238	26222	29370	27122	3235	14594	29006	14644	15000	
CUMULATIVE LENGTH	311960	304460	289099	276274	269433	159194	132972	103602	76479	73244	58650	29644	15000	00.00
SLOPE	0%	9.765%	0%		← 9.829%			0%		← 6.009%			0%	
CURVE DATA						R=50000					R=50000			

LONGITUDINAL SECTION (A) 01

MAIN ACCESS TUNNEL-1 (MAT-1)



NATURAL SURFACE LEVEL	506.200		493.600			464.000			408.000		390.500	372.000	351.000	336.000	321.300
TUNNEL INVERT LEVEL (FINISHED)	312.500	312.500	312.455			308.629			301.500	301.500	301.500	302.377	304.120	305.000	305.000
PARTIAL LENGTH	12000		454	49606		62989			27122	3235	14594	29006	14644	15000	
CUMULATIVE LENGTH	152171	140171	139717			90111			27122	00.00	3235	17829	46835	61479	76479
SLOPE	0%			9.730% →					0%		← 6.009%			0%	
CURVE DATA				R=50000								R=50000			

LONGITUDINAL SECTION (B) 01

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

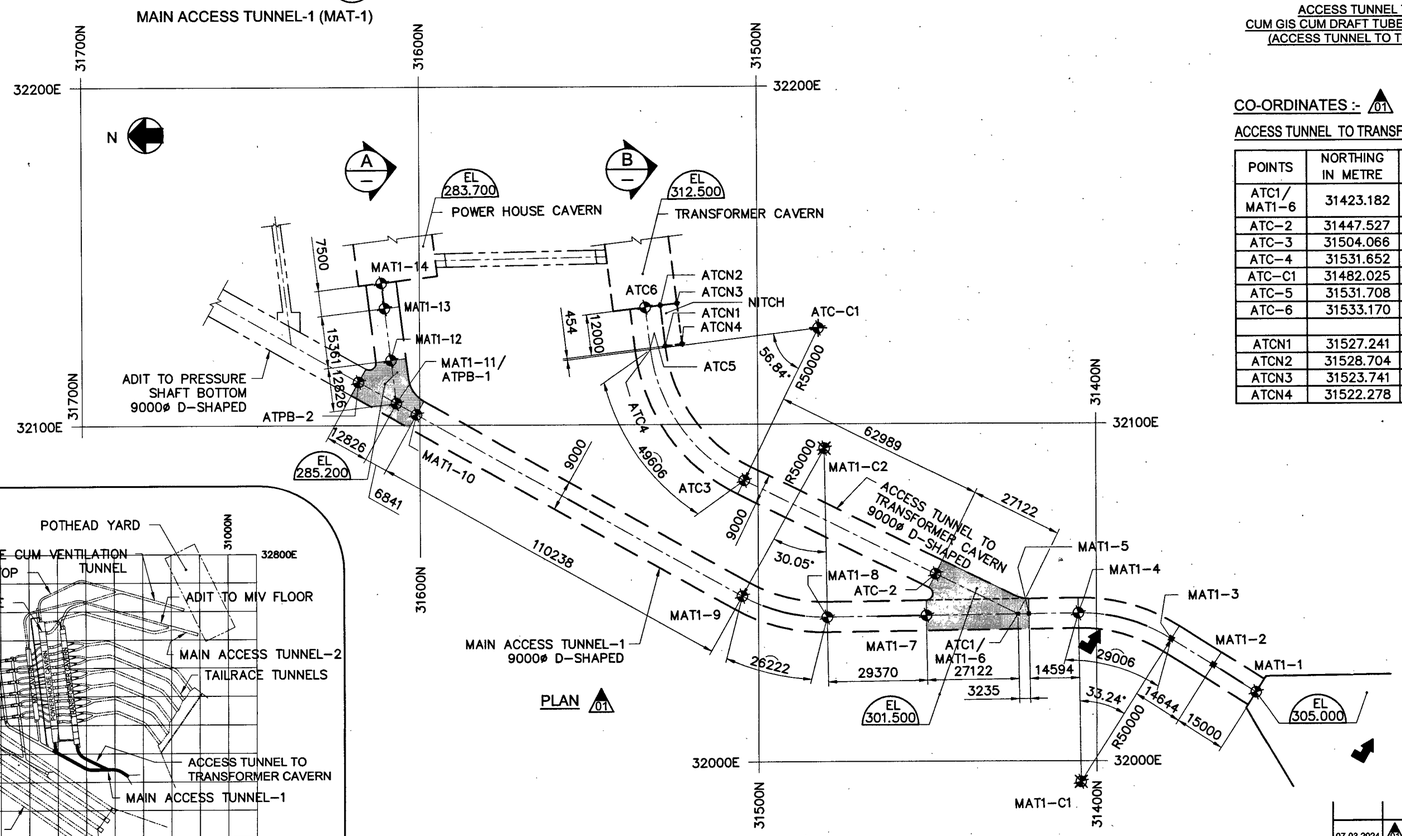
CO-ORDINATES:-
(MAIN ACCESS TUNNEL-1) 01

POINTS	NORTHING IN METRE	EASTING IN METRE
MAT1-1	31352.819	32020.194
MAT1-2	31365.478	32028.240
MAT1-3	31377.837	32036.096
MAT1-4	31405.354	32043.893
MAT1-C1	31404.658	31993.898
MAT1-5	31419.947	32043.690
ATC1/MAT1-6	31423.182	32043.645
MAT1-7	31450.302	32043.267
MAT1-8	31479.669	32042.858
MAT1-9	31504.797	32049.229
MAT1-C2	31480.365	32092.853
MAT1-10	31600.979	32103.094
MAT1-11/ATPB-1	31606.948	32106.437
MAT1-12	31608.511	32119.168
MAT1-13	31610.383	32134.415
MAT1-14	31611.297	32141.859
ATPB-2	31618.139	32112.704

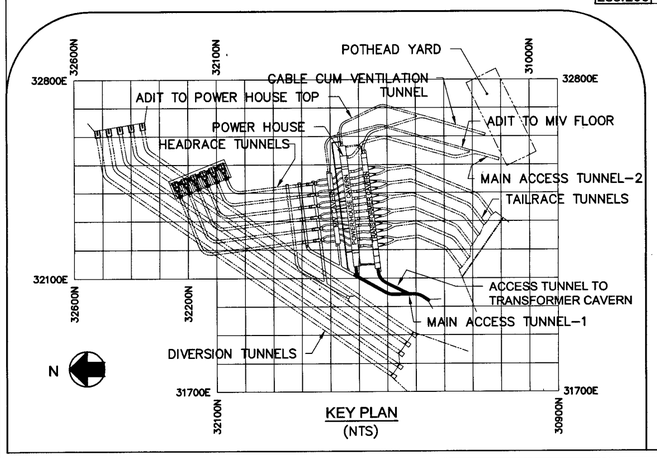
CO-ORDINATES :- 01

ACCESS TUNNEL TO TRANSFORMER CAVERN

POINTS	NORTHING IN METRE	EASTING IN METRE
ATC1/ MAT1-6	31423.182	32043.645
ATC-2	31447.527	32055.601
ATC-3	31504.066	32083.368
ATC-4	31531.652	32122.154
ATC-C1	31482.025	32128.248
ATC-5	31531.708	32122.605
ATC-6	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 01



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.
07.03.2024	01	PORTAL LOCATION MODIFIED AS PER PROJECT IOM NO. NH /DIBANG/POWER HOUSE-CIVIL/2024/24 DATED 29.02.2024			
12.12.2023	00	ISSUED FOR CONSTRUCTION	sd/-	sd/-	sd/-

DESIGN MEMO NO.- डिजाइन मेमो संख्या

एनएचपीसी NHPC
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 अंकित	SUBMITTED प्रस्तुत	RECOMMENDED अनुशंसित		APPROVED अनुमोदन
sd/- PRABHAT ASIWAL	sd/- PRABHAT ASIWAL	sd/- RAJEEV KUMAR	DEM/HM	sd/- S. CHOWDHURY

DATE दिनांक	DRG. NO. ड्रॉइंग संख्या					
DEC 2023	NHDB	4BC4	41	DD	0005	01

DRG. NO. NHDB-4BC4-41-DD-0005-01