KEY PLAN  
(NTS)

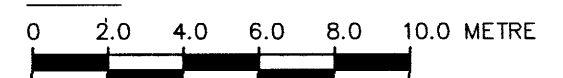
## NOTES:-

1. सभी माप मिलीमीटर में तथा ऊंचाई मीटर में दिए गए हैं।  
ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS IN METERS.
2. THE DEFINITION OF 'A' & 'B' LINE AND VARIOUS CLASSES OF EXCAVATION SHOWN SHALL BE AS PER SECTION B.3 OF TECHNICAL SPECIFICATION.
3. MINOR MODIFICATION IN THE LENGTH, ORIENTATION, PATTERN AND LOCATION OF ROCK ANCHORS MAY BE DONE TO SUIT THE SITE CONDITIONS WITH THE APPROVAL OF ENGINEER-IN-CHARGE.
4. UNLESS CLASS-VB IS ENCOUNTERED THE STEEL RIBS SHOWN IN THE DRAWING SHALL BE AS PROPOSED FOR CLASS-VA IRRESPECTIVE OF THE ROCK CLASS, STEEL RIB SHALL BE CONFORMING TO SECTION B.4 OF TECHNICAL SPECIFICATION. SPACING OF STEEL RIBS SHOWN MAY BE MODIFIED TO SUIT THE SITE CONDITIONS WITH THE APPROVAL OF ENGINEER-IN-CHARGE.
5. ROCK ANCHORS SHOWN IN THE DRAWING SHALL BE CONFORMING TO SECTION B.4 OF TECHNICAL SPECIFICATION.
6. REQUIREMENT OF 45 MM DIA. 5000 LONG (INTO ROCK) PRESSURE RELIEF HOLES WITH 36 MM DIA. PERFORATED PVC PIPES AS PER SECTION B.7 OF TECHNICAL SPECIFICATION WILL BE DETERMINED BY ENGINEER-IN-CHARGE TO SUIT THE SITE CONDITION.
7. SHOTCRETE SHOWN ON DRAWING SHALL BE APPLIED AS SPECIFIED IN SECTION B.5 OF TECHNICAL SPECIFICATION.
8. STEEL LAGGING OR PRE CAST CONCRETE LAGGING AS SPECIFIED IN SECTION B.4 OF TECHNICAL SPECIFICATIONS SHALL BE USED IN CLASS VA WITH THE APPROVAL OF ENGINEER-IN-CHARGE.
9. ADDITIONAL MEASURES FOR TUNNELING IN POOR REACHES (WHERE RMR VALUE OF ROCK IS LESS THAN 35) SHALL BE ADOPTED AS PER DRG. NO. NHDB-4BC4-41-DD-1007 AS DIRECTED BY ENGINEER-IN-CHARGE.
10. UNDERGROUND EXCAVATION INCLUDING PROTECTION OF TUNNEL INVERT SHALL BE CONFORMING TO SECTION B.3 OF TECHNICAL SPECIFICATION.
11. ROCK SUPPORTS OUTSIDE THE LIMITS FOR ADIT TO POWER HOUSE BOTTOM REFER DRG. NO. NHDB-3BC4-41-DD-1002 AND FOR ADIT TO MIV CAVERN TOP REFER DRG. NO. NHDB-4BC4-41-DD-1017.
12. M25/A40 GRADE FOR INVERT CONCRETE AND M15/A40 FOR BACKFILL CONCRETE CONFORMING TO SECTION B.9 OF TECHNICAL SPECIFICATION SHALL BE USED.

## REFERENCE DRAWINGS:-

1. NHDB-3KC4-41-DD-0001.
2. NHDB-3BC4-41-DD-1002, 1003 & 1004.
3. NHDB-4BC4-41-DD-1017, 1018 & 1019.
4. NHDB-4BC4-41-DD-1007.

## SCALE:



एन एच सी लिमिटेड (भारत सरकार का उद्योग) NHPC Limited (A GOVT. OF INDIA ENTERPRISE)	
द्विभागीय बहुउद्देशीय परियोजना DIBANG MULTIPURPOSE PROJECT	
POWER HOUSE COMPLEX ADIT TO PRESSURE SHAFT BOTTOM & ADIT TO MIV CAVERN TOP BIFURCATION ROCK SUPPORT DETAILS	
28.02.2025 00	ISSUED FOR CONSTRUCTION
DATE NO.	REVISION OR ISSUES
DESIGN MEMO NO. विज्ञापन संख्या	BY CH. APP.
DATE दिनांक	RECOMMENDED अनुमोदित
FEB 2025	DRG. NO. ड्रॉइंग संख्या
NHDB 4BC4 41 DD 1039 00	APPROVED अनुमोदित
	DESI / HM