

KEY PLAN  
(NTS)

## NOTES:-

- सभी माप मिलीमीटर में तथा ऊंचाई मीटर में दिए गए हैं।  
ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS IN METERS.
- THE DEFINITION OF 'A' & 'B' LINE AND VARIOUS CLASSES OF EXCAVATION SHOWN SHALL BE AS PER SECTION B.3 OF TECHNICAL SPECIFICATION.
- 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.
- 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.
- ROCK ANCHORS SHOWN IN THE DRAWING SHALL BE CONFORMING TO SECTION B.4 OF TECHNICAL SPECIFICATION.
- 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.
- SHOTCRETE SHOWN ON DRAWING SHALL BE APPLIED AS SPECIFIED IN SECTION B.5 OF TECHNICAL SPECIFICATION.
- 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.
- 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.
- UNDERGROUND EXCAVATION INCLUDING PROTECTION OF TUNNEL INVERT SHALL BE CONFORMING TO SECTION B.3 OF TECHNICAL SPECIFICATION.
- FOR ROCK SUPPORT OUTSIDE THE LIMITS SHOWN REFER DRG. NO. NHDB-4BC4-41-DD-1004-00.

## REFERENCE DRAWINGS:-

- NHDB-4BC4-41-DD-0005.
- NHDB-4BC4-41-DD-1004.
- NHDB-4BC4-41-DD-1006.
- NHDB-4BC4-41-DD-1007.

## SCALE:

0 2.0 4.0 6.0 8.0 10.0 METRE

एन एच पी सी लिमिटेड  
(भारत सरकार का उद्योग)  
NHPC Limited  
(A GOVT. OF INDIA ENTERPRISE)दिबांग बहुउद्देशीय परियोजना  
DIBANG MULTIPURPOSE PROJECTPOWER HOUSE COMPLEX  
MAIN ACCESS TUNNEL - I & ACCESS TUNNEL  
TO TRANSFORMER CAVERN BIFURCATION  
ROCK SUPPORT DETAILS

17.04.2024	00	ISSUED FOR CONSTRUCTION	BY CH. APP.	DEEPAK	SUBMITTED	RECOMMENDED	DEM / HM	APPROVED
DATE	NO.	REVISION OR ISSUES	BY	CH. APP.	DEEPAK	अनुमोदित	अनुमोदित	अनुमोदित
DESIGN MEMO NO.					DATE	DRG. NO.	NHDB	4BC4
डिजाइन मेमो संख्या					APR 2024	अंक संख्या	41	DD
							1016	00