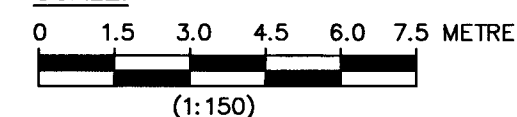


NOTES:-

- सभी माप मिलीमीटर में तथा ऊंचाई मीटर में लिए 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 SPECIFICATIONS.
- UNDERGROUND EXCAVATION INCLUDING PROTECTION OF TUNNEL INVERT SHALL BE CONFORMING TO SECTION B.3 OF TECHNICAL SPECIFICATION.
- ROCK BOLTS/ANCHORS SHOWN IN THE DRAWING SHALL BE CONFORMING TO SECTION B.4 OF TECHNICAL SPECIFICATION.
- MINOR MODIFICATION IN THE LENGTH, ORIENTATION, PATTERN AND LOCATION OF ROCK BOLTS/ANCHORS MAY BE DONE TO SUIT THE SITE CONDITIONS WITH THE APPROVAL OF ENGINEER-IN-CHARGE.
- STEEL RIBS SHOWN IN THE DRAWING SHALL BE CONFORMING TO SECTION B.4 OF TECHNICAL SPECIFICATION. THE SPACING OF RIBS SHOWN MAY BE MODIFIED TO SUIT THE SITE CONDITIONS WITH THE APPROVAL OF ENGINEER-IN-CHARGE. FOR STEEL RIB DETAILS REFER SEPARATE DRAWING.
- STEEL LAGGING OR PRE CAST CONCRETE LAGGING AS SPECIFIED IN SECTION B.4 OF TECHNICAL SPECIFICATION SHALL BE USED WITH THE APPROVAL OF ENGINEER-IN-CHARGE.
- IN CLASS-VB TYPE OF ROCK, INVERT STRUT MAY ALSO BE REQUIRED.
- SFR SHOTCRETE SHOWN IN THE DRAWING SHALL BE APPLIED AS SPECIFIED IN SECTION B.5 OF TECHNICAL SPECIFICATION. IF REQUIRED PLAIN SHOTCRETE WITH WIREMESH CAN BE USED WITH THE APPROVAL OF ENGINEER-IN-CHARGE. 50mm THK. MINIMUM SHOTCRETE SHALL BE PROVIDED AS FINAL SUPPORT IN ENTIRE LENGTH OF TUNNEL IRRESPECTIVE OF ROCK CLASS.
- 45# 5000 LONG (INTO ROCK) CONSOLIDATION GROUTING @ 3000 C/C STAGGERED BOTHWAYS SHALL BE PROVIDED IN CLASS IV, VA & VB OR AS DIRECTED BY ENGINEER-IN-CHARGE, AS PER SECTION B.7 OF TECHNICAL SPECIFICATION.
- 45# 5000 LONG (INTO ROCK) PRESSURE RELIEF HOLES @ 3000 C/C WITH 36MM DIA. PERFORATED PVC PIPES STAGGERED BOTHWAYS SHALL BE PROVIDED ON AND ABOVE SPRINGING LEVEL IN CLASS II & III EXCEPT LOW COVER ZONE OR AS DIRECTED BY ENGINEER-IN-CHARGE, AS PER SECTION B.7 OF TECHNICAL SPECIFICATION.
- FOR ADDITIONAL ROCK SUPPORT MEASURES IN POOR ROCK/ REACHES REFER SEPARATE DRAWING.
- PREGROUTING/FOREPOLING/PIPE ROOFING SHALL BE USED WHERE RMR VALUE IS LESS THAN 35 OR AS DIRECTED BY ENGINEER-IN-CHARGE.
- M25/A40 GRADE FOR INVERT/OVERT CONCRETE AND M15/A40 FOR BACKFILL CONCRETE CONFORMING TO SECTION B.9 OF TECHNICAL SPECIFICATION SHALL BE USED.
- FOR ADITS JUNCTION DETAILS REFER SEPARATE DRAWINGS.

SCALE:



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 MAT-1, MAT-2 AND ACCESS TUNNEL TO TRANSFORMER CAVERN (9M D-SHAPE) TYPICAL CROSS SECTIONS	
10.01.2024	00
DATE	NO.
DESIGN MEMO NO.	डिजाइन मेमो संख्या
ISSUED FOR CONSTRUCTION	REVISION OR ISSUES
BY	CH. APP.
DATE	DRG. NO.
JAN 2024	NHDB 4BC4 41 DD 1004 00
APPROVED	अनुमोदन