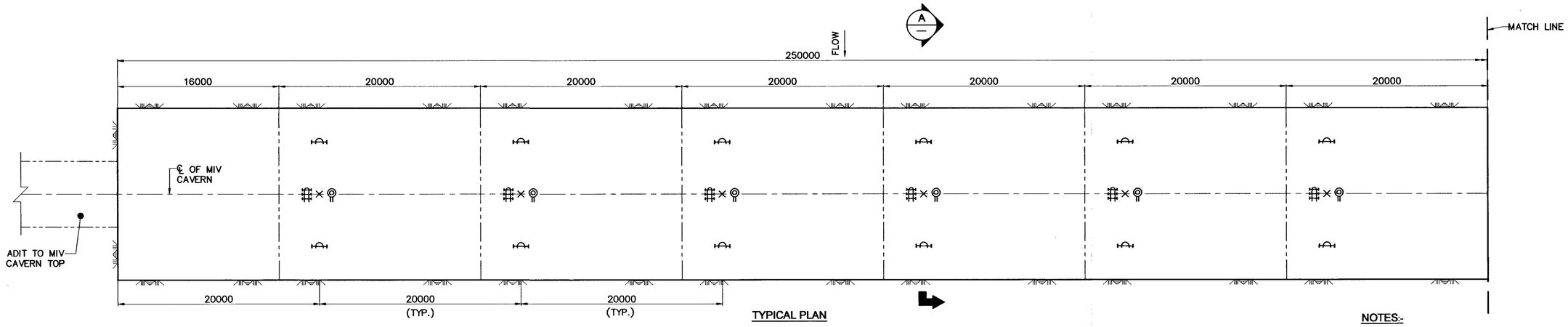
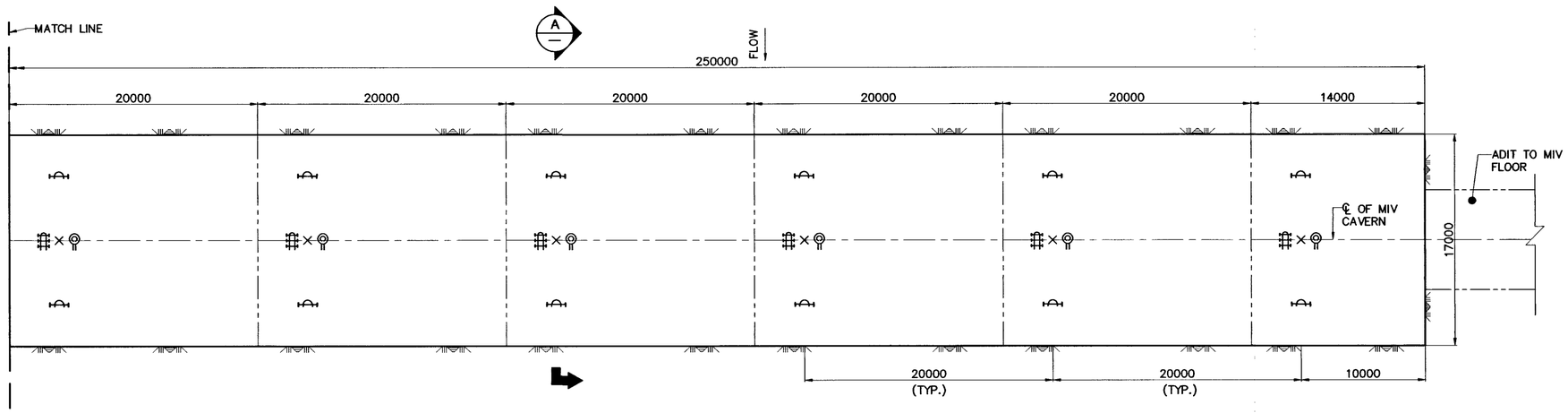
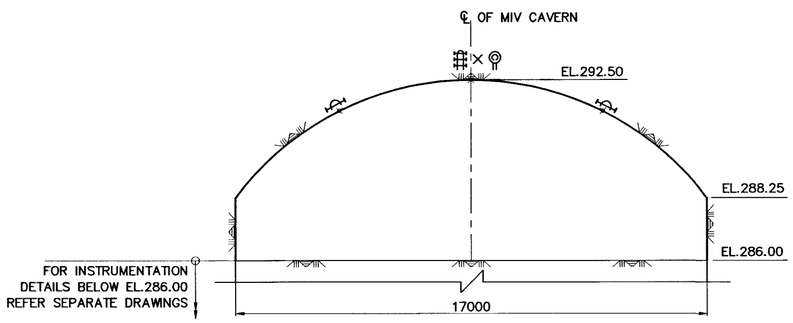


TYPICAL PLAN



TYPICAL PLAN



TYPICAL SECTION (A) (NTS)

LEGENDS:-

SL. NO.	NAME OF INSTRUMENT	SYMBOL	NOS.
1.	CONVERGENCE MEASUREMENT (OPTICAL TARGETS)	×	12
2.	LOAD CELL (30T CAPACITY)		12
3.	SINGLE POINT BORE HOLE EXTENSOMETER (10M)		24
4.	MULTIPLE POINT BORE HOLE EXTENSOMETER (5M, 10M, 15M) (3POINT)		12

NOTES:-

1. सभी माप मिलीमीटर में तथा ऊचांई मीटर में दिए गए है।
   ALL DIMENSIONS ARE IN MILLIMETRE AND ELEVATIONS ARE IN METRE
2. MINOR MODIFICATION IN THE NUMBERS AND LOCATIONS OF INSTRUMENTS MAY BE DONE AS THE EXCAVATION PROGRESSES TO SUIT SITE CONDITIONS AS PER THE DIRECTION OF ENGINEER-IN-CHARGE.
3. IMMEDIATELY AFTER INSTALLATION OF ANY INSTRUMENTS, ITS POSITION AND LEVEL SHALL BE PRECISELY SURVEYED. THE LEVEL AND CO-ORDINATE SHALL BE COMPUTED AND SUBMITTED TO THE ENGINEER-IN-CHARGE.
4. INSTRUMENTS SHALL BE INSTALLED AS PER MANUFACTURER'S INSTRUCTION MANUAL AND AS SPECIFIED IN SECTION B.18 OF TECHNICAL SPECIFICATION.
5. ELECTRICAL VIBRATING WIRE TYPE INSTRUMENTS SHALL BE SUITABLY CONNECTED TO DATA ACQUISITION SYSTEM ENVISAGED IN CONTROL BLOCK OF POWER HOUSE. FURTHER ARRANGEMENT SHALL INCLUDE, WHERE NECESSARY, THE PROVISION OF TEMPORARY READ OUT POINTS.
6. ANY DAMAGED INSTRUMENT/CABLE DURING THE PROGRESS OF THE WORK SHALL BE REPAIRED OR REPLACED IMMEDIATELY.
7. THE CONTRACTOR SHALL SUBMIT MONTHLY REPORT OF INSTRUMENTATION BASED ON DAILY READINGS OF ALL INSTRUMENTS IN SPECIFIED FORMAT ALONG WITH ANALYSIS OF OBSERVED DATA UNLESS STATED OTHERWISE OR DIRECTED BY ENGINEER-IN-CHARGE IN REGARD TO FREQUENCY OF READINGS.
8. THE MONITORING OF INSTRUMENTATION SHALL BE STARTED IMMEDIATELY AFTER INSTALLATION CONFORMING TO SECTION B.18 OF TECHNICAL SPECIFICATION AND DATA SHALL BE PROVIDED TO DESIGN DIVISION MONTHLY.
9. THE LOCATION OF ROCK BOLTS, PRESSURE RELIEF HOLES & ROCK BOLTS FOR SUSPENDED CEILING SHALL BE ADJUSTED TO SUIT THE LOCATIONS OF INSTRUMENTS.
10. ALL THE INSTRUMENTS ARE TO BE PLACED ALONG THE SECTION LINES AS SHOWN IN THE DRAWING.

REFERENCE DRAWINGS:

1. NHDB-4AC4-41-DD-0001
2. NHDB-4FC4-41-DD-1002

0 3 6 9 12 15 METRE
(SCALE= 1:300)

DATE	NO.	REVISION OR ISSUES	BY.	CH.	APP.
11.04.2025	00	ISSUED FOR CONSTRUCTION			

DESIGN MEMO NO.- डिज़ाइन मेमो संख्या

एन एच पी सी लिमिटेड (भारत सरकार का एक नवरत्न उद्यम)
NHPC Limited (A GOVT. OF INDIA NAVRATNA ENTERPRISE)
A Navratna Company

दिबांग बहुउद्देशीय परियोजना
DIBANG MULTIPURPOSE PROJECT

MIV CAVERN
INSTRUMENTATION
FROM EL 292.50 TO EL 286.00
PLAN AND SECTION

DRAWN अंकित VINAY KUMAR	SUBMITTED प्रस्तुत PRABHAT AGRWAL	RECOMMENDED अनुशंसित RAJEEV KUMAR	DEM/HM	APPROVED अनुमोदित S. DONDANAY

DATE दिनांक	DRG. NO. अंकेत संख्या					
APR. 2025	NHDB	4FC4	41	DD	7001	00

DRG. NO. NHDB-4FC4-41-DD-7001-00