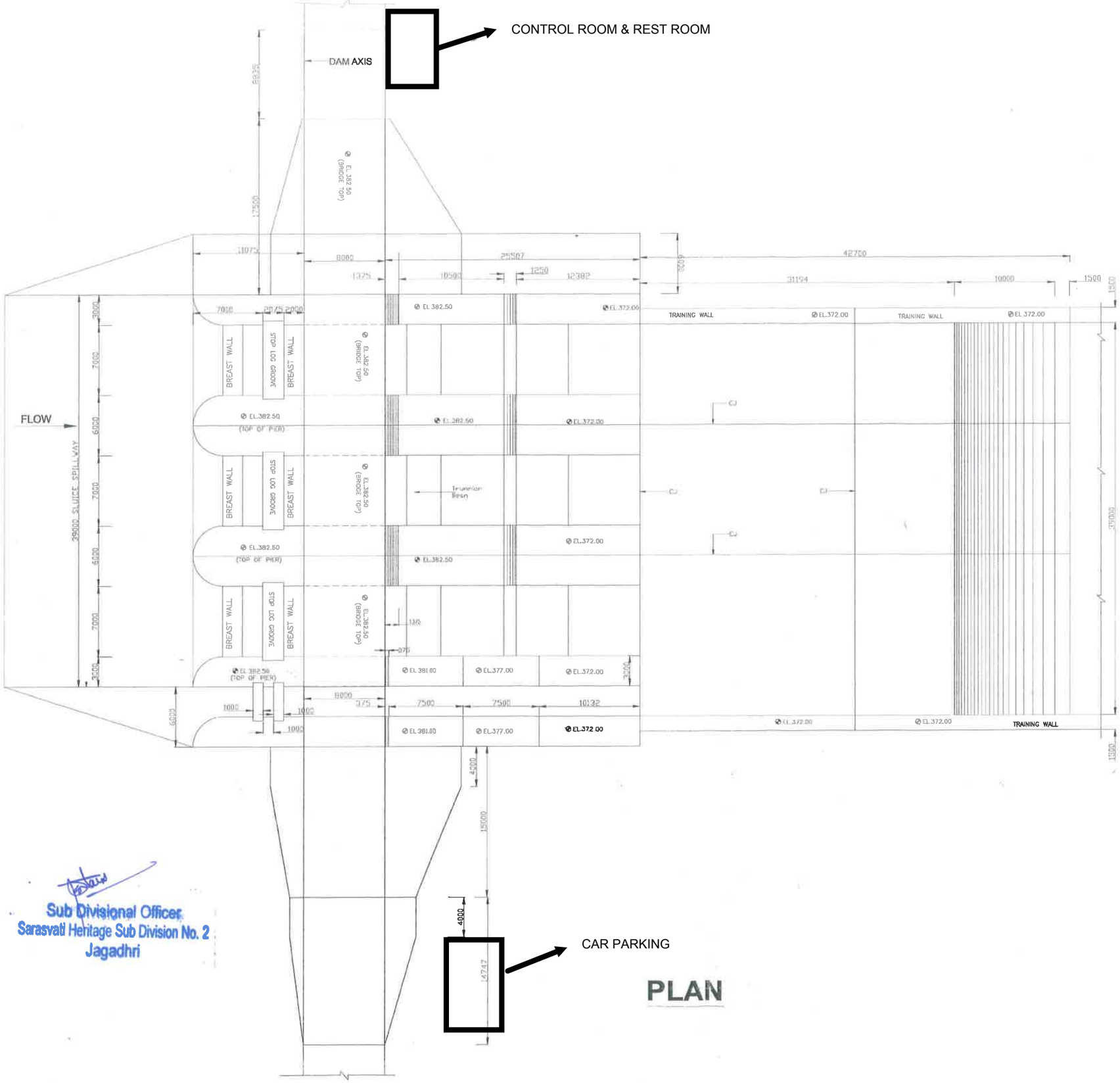

PLAN

Sub Divisional Officer
Sarasvati Heritage Sub Division No. 2
Jagadhri

SPECIFICATION DRAWINGS
(FOR TENDER PURPOSE ONLY - NOT FOR CONSTRUCTION)

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS WHEREAS CHAINAGES AND ELEVATIONS ARE IN METERS
2. NO DIMENSION SHALL BE SCALED FROM THIS DRAWING
3. THIS DRAWING HAS BEEN PREPARED BASED ON THE INFORMATION / DATA PROVIDED BY PROJECT AUTHORITIES
4. THE GEOLOGICAL DISCONTINUITIES, IF ANY, I.E. SHEAR ZONE, FAULT, WEAK ROCK ETC., ENCOUNTERED DURING EXCAVATION SHALL BE SUITABLY TREATED IN CONSULTATION WITH GSI AND CWC BEFORE PLACING THE CONCRETE
5. FOR THE STABILITY OF DAM, THE SHEAR PARAMETERS "C" AND "Φ" AT THE INTERFACE OF DAM BODY & THE FOUNDATION ROCK ARE CONSIDERED AS 20T/M2 AND 42° RESPECTIVELY AS PER THE CSMRS REPORT ON LABORATORY INVESTIGATIONS OF ROCK FROM ADI-BADRI DAM SITE (REPORT NO. 01/RM-LAB/CSMRS/E/05/2020, MAY 2020) SUBMITTED BY SARASVATI HERITAGE DIVISION NO. 1 VIDE LETTER NO. 2059-61/IWABD DATED 29.12.2020
6. THE HORIZONTAL AND VERTICAL SEISMIC DESIGN COEFFICIENTS HAVE BEEN CONSIDERED 0.19 G & 0.13G (VALUES ARE ASSUMED AS SITE SPECIFIC SEISMIC STUDIES REPORT IS STILL AWAITED). THE DAM/SLUICE SECTION MAY CHANGE IN CASE OF VARIATION WITH ACTUAL VALUES AS PER THE SAID REPORT.
7. THE SECTION HAS BEEN DESIGNED ADOPTING BEARING CAPACITY OF 60 T/M^2. BASED ON THE CSMRS REPORT ON DEFORMABILITY CHARACTERISTICS OF ROCK MASS BY PLATE LOAD TESTS AS DAM SITE OF ADI-BADRI DAM PROJECT (REPORT NO. 01/RM-F/CSMRS/E/12/2020,) SUBMITTED BY SARASVATI HERITAGE DIVISION NO. 1 VIDE LETTER NO. 2059-61/IWABD DATED 29.12.2020
8. THE FOUNDATION ROCK SHALL NOT BE EXPOSED TO WATER/AIR. THE EXCAVATION AND CONCRETING SHALL BE PLANNED IN SUCH A MANNER THAT 1.0 M ROCK COVER ON THE ACCEPTABLE FOUNDATION LEVEL SHOULD BE KEPT DURING EXCAVATIONS AND THE SAME SHALL BE REMOVED JUST BEFORE THE CONCRETING AND SHALL BE COVERED WITH THE CONCRETE IMMEDIATELY AFTER THE EXCAVATION.
9. FOR ZONING OF MATERIALS, WATER STOP DETAILS, REFER SEPARATE DRAWING
10. FOR NOF/OF, STILLING BASIN, CURTAIN, CONSOLIDATION GROUTING AND ANCHORAGES REFER SEPARATE DRAWINGS.

AD / DD / DIR. INITIALS	भारत सरकार GOVERNMENT OF INDIA केन्द्रीय जल आयोग CENTRAL WATER COMMISSION		
PARTICULARS	ADI- BADRI DAM SARASVATI RIVER REJUVENATION PROJECT		
	PLAN		
	अभिकल्पित DESIGNED: VIVEK	संशोधित CHECKED: RANDHIR	प्रस्तुत SUBMITTED: RANDHIR
			संस्तुत RECOMMENDED: ANIL JAIN
DATE	रेखांकित DRAWN: SANJEEV KUMAR	निरीक्षित INSPECTED: GHAN SHYAM	अनुमोदित APPROVED: S K SIBBAL
REV.	संचिका सं. FILE NO. 12023/1/2020-CHDD(N&W)	नई दिल्ली NEW DELHI OCTOBER, 2021	रेखांकित DRG NO. HR-13 SRP-S-2001