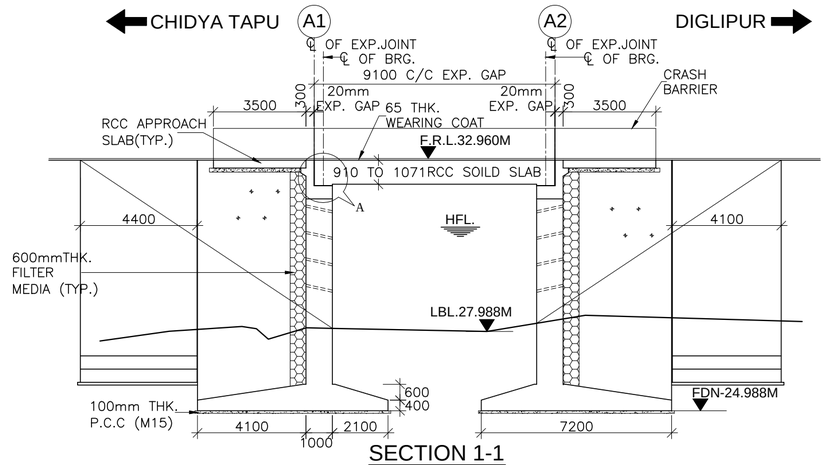
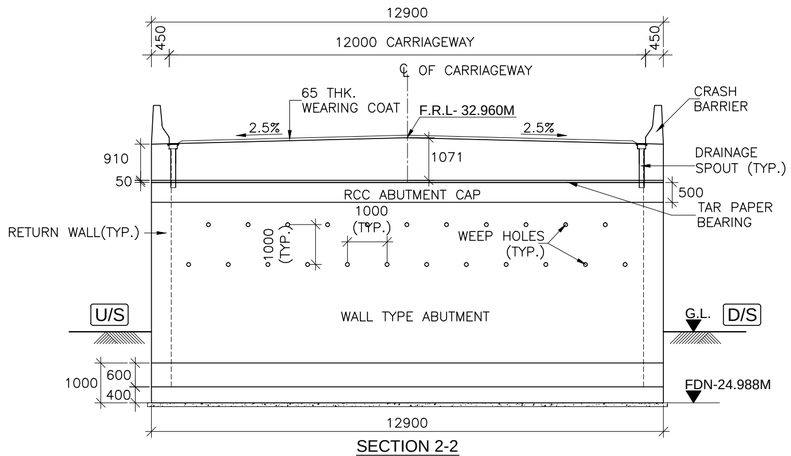


SECTION 1-1

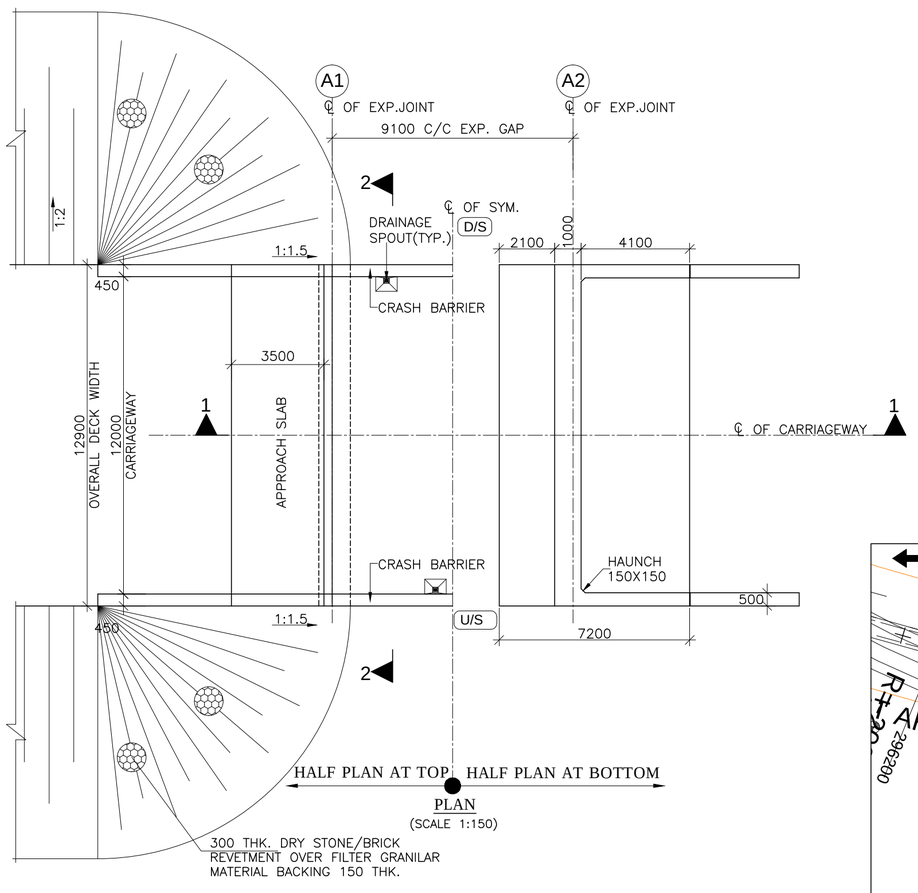
(SCALE–1:150)

FORMATION LEVEL (m)	34.522	34.522	34.522
GROUND LEVEL (m)	28.117	28.027	28.408
CHAINAGE (m)	296+209.45	296+314	296+318.55



SECTION 2-2

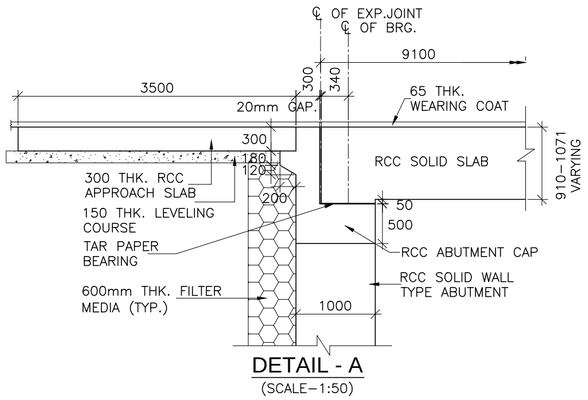
(SCALE–1:100)



HALF PLAN AT TOP HALF PLAN AT BOTTOM

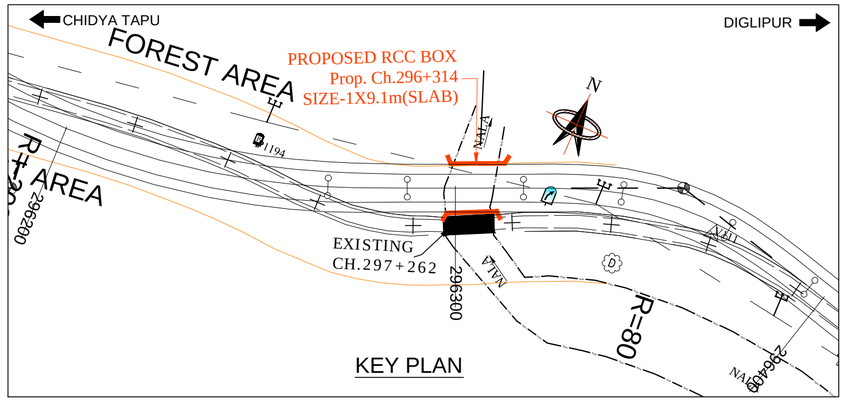
PLAN

(SCALE 1:150)



DETAIL - A

(SCALE–1:50)



NOTES:-

1. ALL DIMENSIONS ARE IN MILLIMETERS, LEVELS ARE IN METERS UNLESS OTHERWISE MENTIONED.
2. NO DIMENSION SHALL BE MEASURED FROM THE DRAWINGS. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. LOCATION OF THE STRUCTURE IS THE CHAINAGE AT THE CENTER LINE OF THE PROPOSED STRUCTURE.
4. STEEL REINFORCEMENT SHALL BE HYSD TMT BARS OF GRADE DESIGNATION Fe 500 CONFORMING TO IS 1986–1985.
5. CONCRETE SHALL BE DESIGN MIX WITH WITH A MINIMUM 28 DAYS CHARACTERISTIC CUBE STRENGTH FOR DIFFERENT ELEMENTS AS FOLLOWS:
   a. RCC SOLID SLAB M30
   b. RCC SUBSTRUCTURE & FOUNDATION M30
   c. CRASH BARRIER M40
   d. PCC LEVELING..... M15
   e. APPROACH SLAB M30
6. CLEAR COVER TO OUTER STEEL SHALL BE AS FOLLOWS:–
   a. DECK SLAB 40MM
   b. VERTICAL FACE IN CONTACT WITH EARTH 75MM
   c. VERTICAL FACE IN CONTACT WITHOUT EARTH 50MM
   d. CRASH BARRIER 50MM
7. WEEP HOLES, SPACED AT 1000 c/c BOTH HORIZONTALLY AND VERTICALLY SHALL BE PROVIDED IN A STAGGERED MANNER IN ABUTMENT & RETURN WALLS FROM LWL. TO H.F.L.
8. BACK FILLING BEHIND WALLS/ABUTMENT SHALL CONSISTS OF SELECTED EARTH CONFORMING TO APPENDIX 6 OF IRC:78–2014 HAVING PROPERTIES C=0, ∅>=30°, γ =2.0t/m³.
9. 65MM THICK WEARING COAT SHALL CONSISTS OF LAYERS OF MASTIC ASPHALT CONCRETE OF 25MM THK. OVER 40MM BITUMINOUS COURSE.
10. ALL SOLID WALLS OF PCC/RCC/MASONRY TYPE, RETAINING THE EARTH SHALL HAVE WEEP HOLES STARTING 500MM ABOVE THE GROUND LEVEL AND SPACED 1000MM HORIZONTALLY AND VERTICALLY IN STAGGERED MANNER.
11. 600MM THICK FILTER MEDIA SHALL BE PROVIDED BEHIND SOLID ABUTMENT WALLS AND RETURN/RETAINING WALL.
12. EXPANSION JOINT SHALL BE FILLED WITH COMPRESSIBLE FIBER BOARD AND SEALED WITH POLYSULPHIDE SEALANT.
13. THIS STRUCTURE LIES IN SEISMIC ZONE V.
14. FOR DETAILS OF RETAINING WALL, RAILING, DRAINAGE SPOUT Etc. REFER SEPARATE DRAWINGS.

SCALE :- AS SHOWN	**PROJECT :-** REHABILITATION AND UP-GRADATION OF SECTION FROM KM 242.0 TO 298.0 (AFTER AUSTIN CREEK TO KARALA) OF NH-223 TO 2-LANE WITH HARD SHOULDER IN THE UNION TERRITORY OF ANDAMAN & NICOBAR ISLANDS	DWG TITLE :- GENERAL ARRANGEMENT DRAWING RCC SOLID SLAB (SIZE 1X9.1m) AT CH.296+314	DRAWING No :- CPC/P-70/NH-223/GAD/296+314/01
			NOVEMBER 2016 — Revision: R1
			PREPARED BY: SUNITA — CHECKED BY: MOHD. SALIK — APPROVED BY: NEERAJ