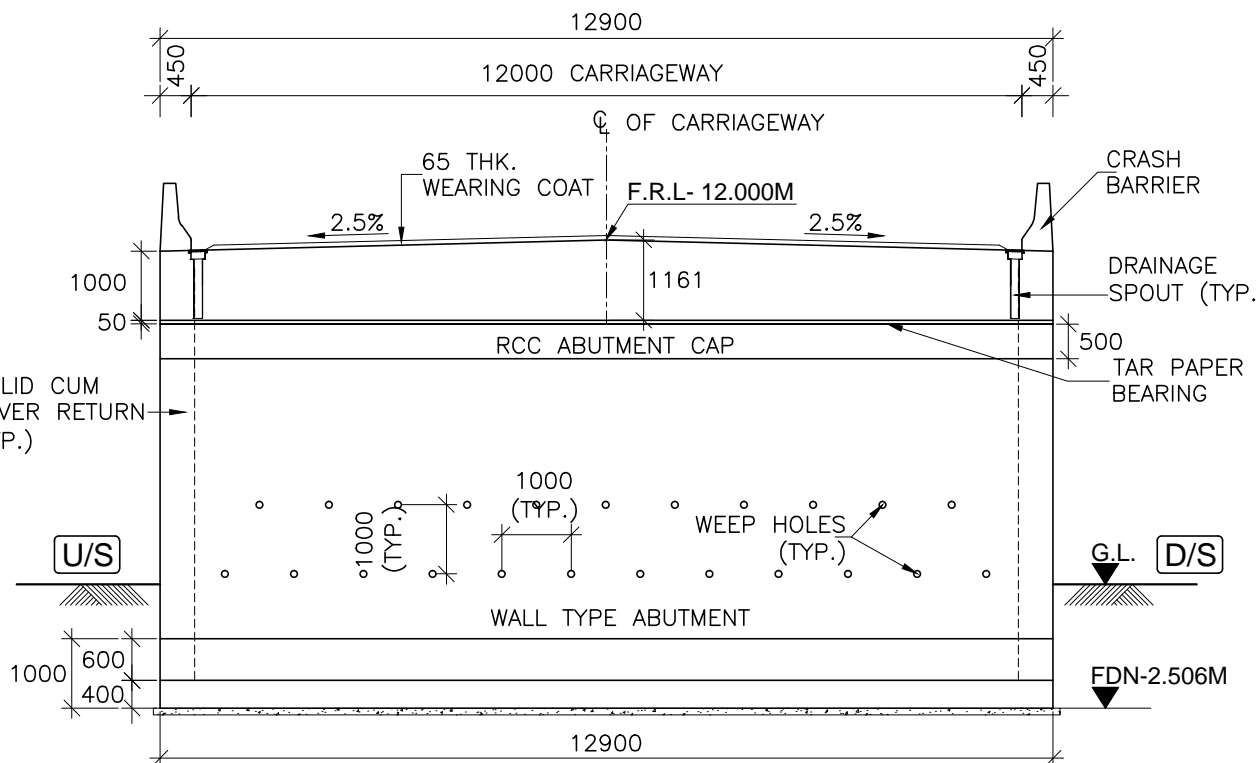
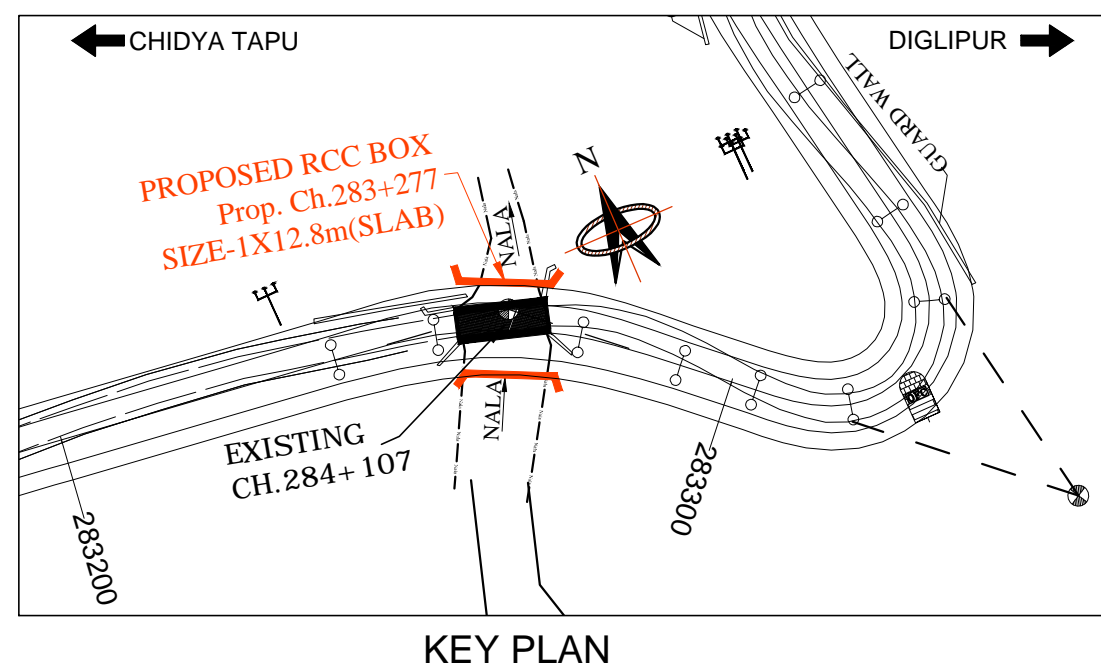
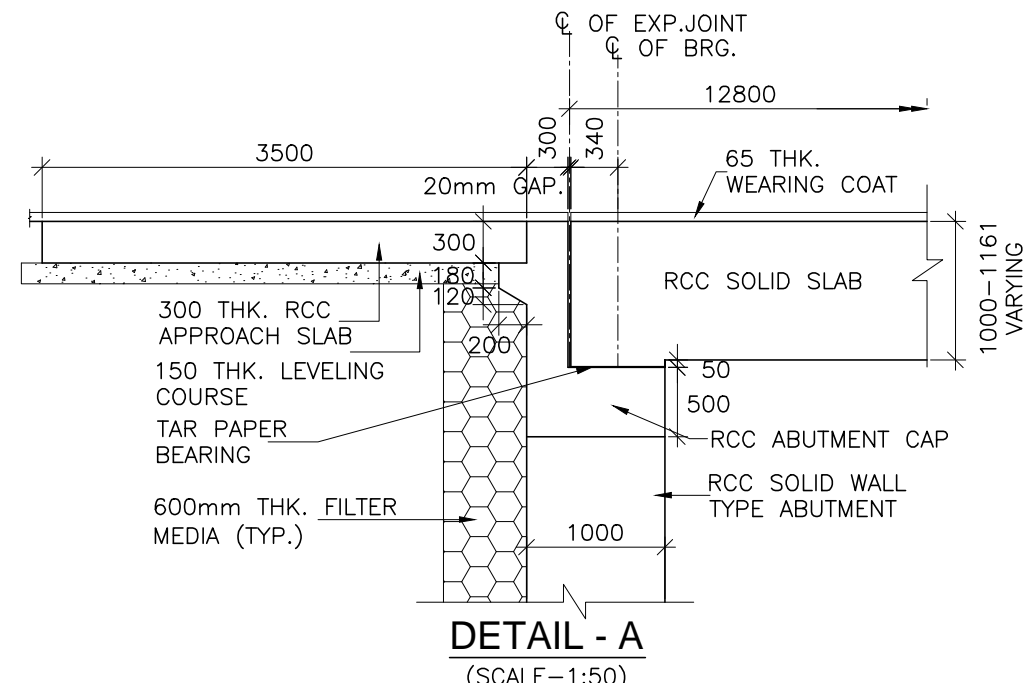
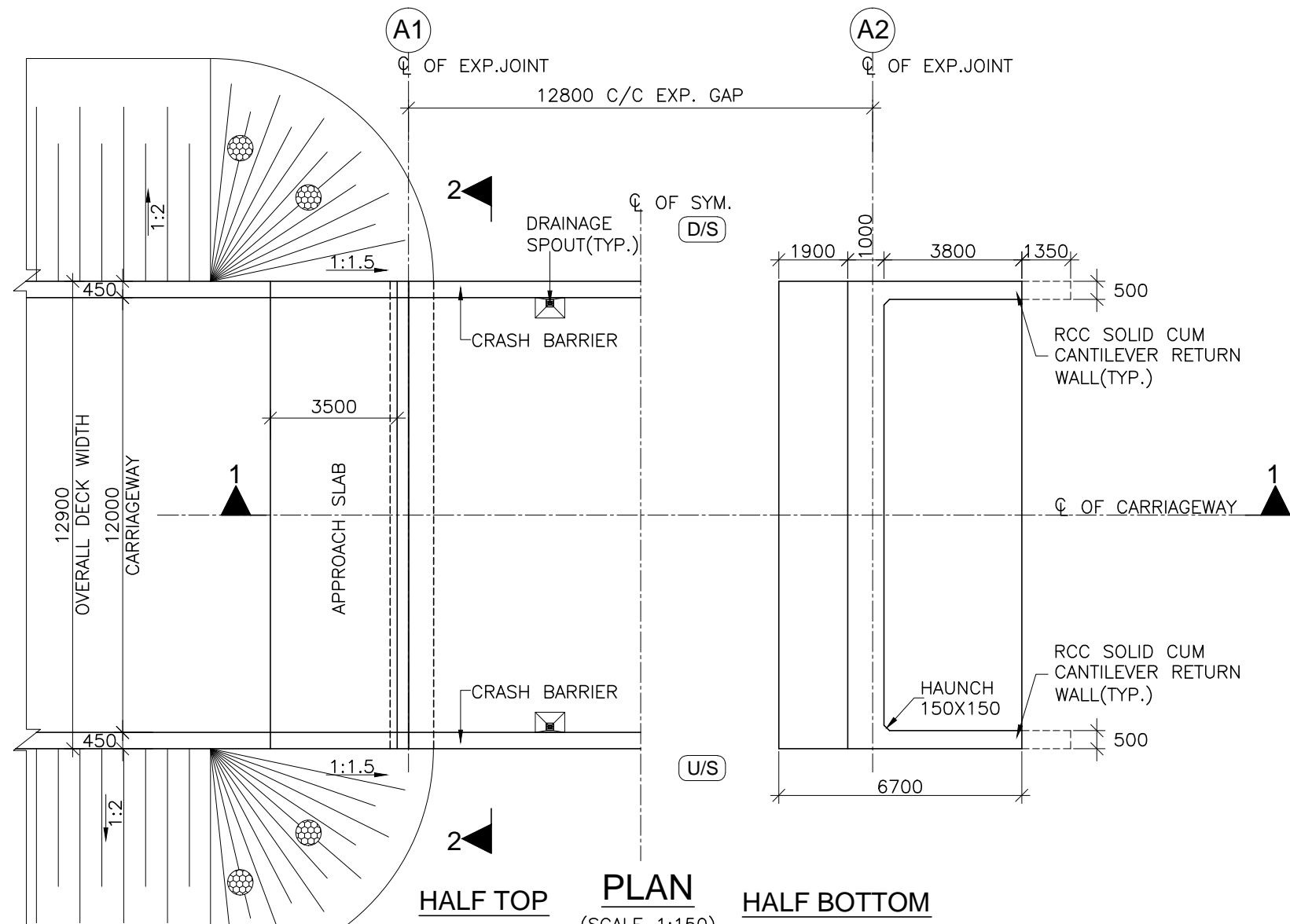


FORMATION LEVEL (m)	12.000	12.000	12.000
GROUND LEVEL (m)	8.234	5.850	7.895
CHAINAGE (m)	283+270.6	283+277	283+283.4



- NOTES:-**
- ALL DIMENSIONS ARE IN MILLIMETERS, LEVELS ARE IN METERS UNLESS OTHERWISE MENTIONED.
 - NO DIMENSION SHALL BE MEASURED FROM THE DRAWINGS. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
 - LOCATION OF THE STRUCTURE IS THE CHAINAGE AT THE CENTER LINE OF THE PROPOSED STRUCTURE.
 - STEEL REINFORCEMENT SHALL BE HYSD TMT BARS OF GRADE DESIGNATION Fe 500 CONFORMING TO IS 1986-1985.
 - CONCRETE SHALL BE DESIGN MIX WITH WITH A MINIMUM 28 DAYS CHARACTERISTIC CUBE STRENGTH FOR DIFFERENT ELEMENTS AS FOLLOWS:
 - RCC SOLID SLAB M30
 - RCC SUBSTRUCTURE & FOUNDATION M30
 - CRASH BARRIER M40
 - PCC LEVELING..... M15
 - APPROACH SLAB M30
 - CLEAR COVER TO OUTER STEEL SHALL BE AS FOLLOWS:-
 - DECK SLAB 40MM
 - VERTICAL FACE IN CONTACT WITH EARTH 75MM
 - VERTICAL FACE IN CONTACT WITHOUT EARTH 50MM
 - CRASH BARRIER 50MM
 - 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.
 - BACK FILLING BEHIND WALLS/ABUTMENT SHALL CONSISTS OF SELECTED EARTH CONFORMING TO APPENDIX 6 OF IRC:78-2014 HAVING PROPERTIES $C=0$, $\phi \geq 30^\circ$, $\tau = 2.0t/m^3$.
 - 65MM THICK WEARING COAT SHALL CONSISTS OF LAYERS OF MASTIC ASPHALT CONCRETE OF 25MM THK. OVER 40MM BITUMINOUS COURSE.
 - 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.
 - 600MM THICK FILTER MEDIA SHALL BE PROVIDED BEHIND SOLID ABUTMENT WALLS AND RETURN/RETAINING WALL.
 - EXPANSION JOINT SHALL BE FILLED WITH COMPRESSIBLE FIBER BOARD AND SEALED WITH POLYSULPHIDE SEALANT.
 - THIS STRUCTURE LIES IN SEISMIC ZONE V.
 - 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 12.8m) AT CH.283+277	DRAWING No :- CPC/P-70/NH-223/GAD/283+277/01		
			NOVEMBER 2016		
			Revision: R1		
			PREPARED BY SUNITA	CHECKED BY MOHD. SALIK	APPROVED BY NEERAJ