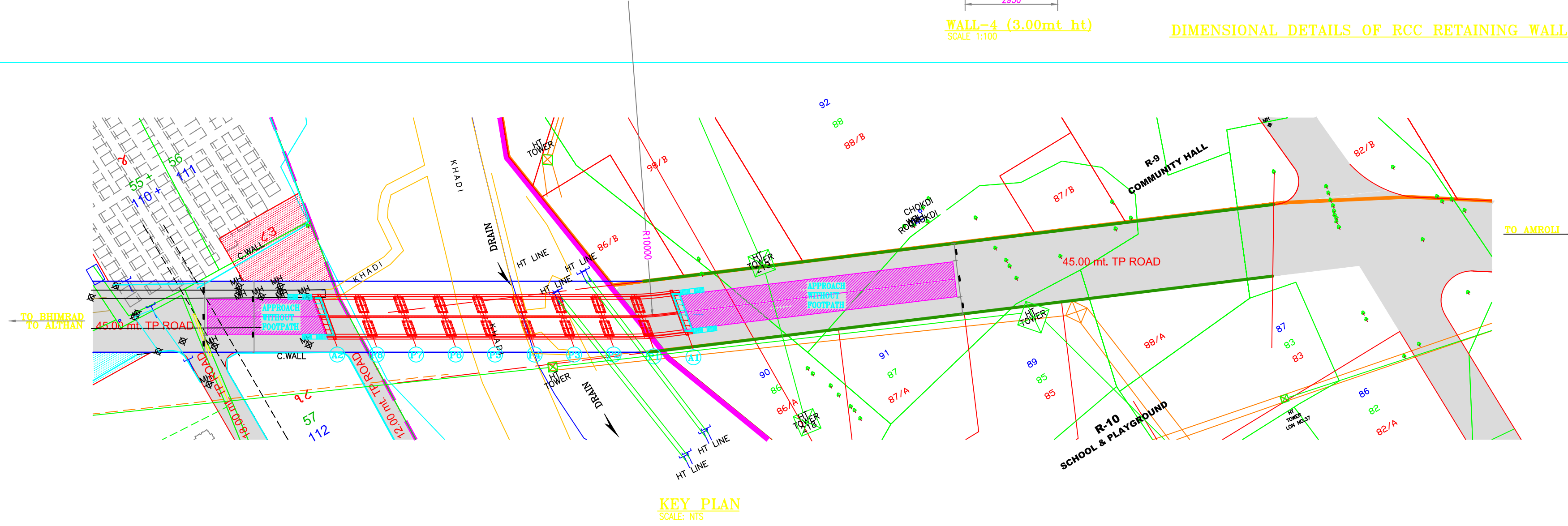
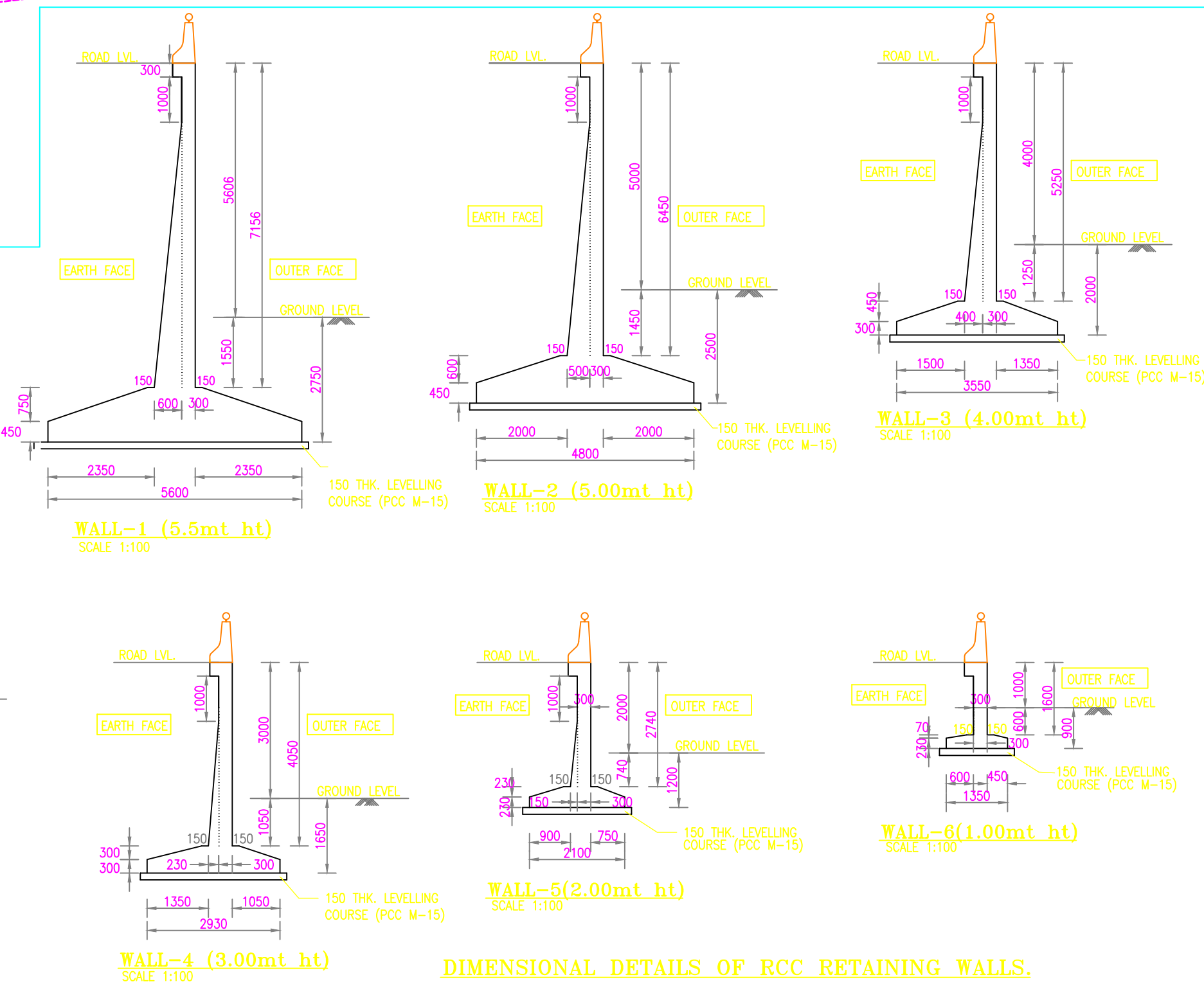
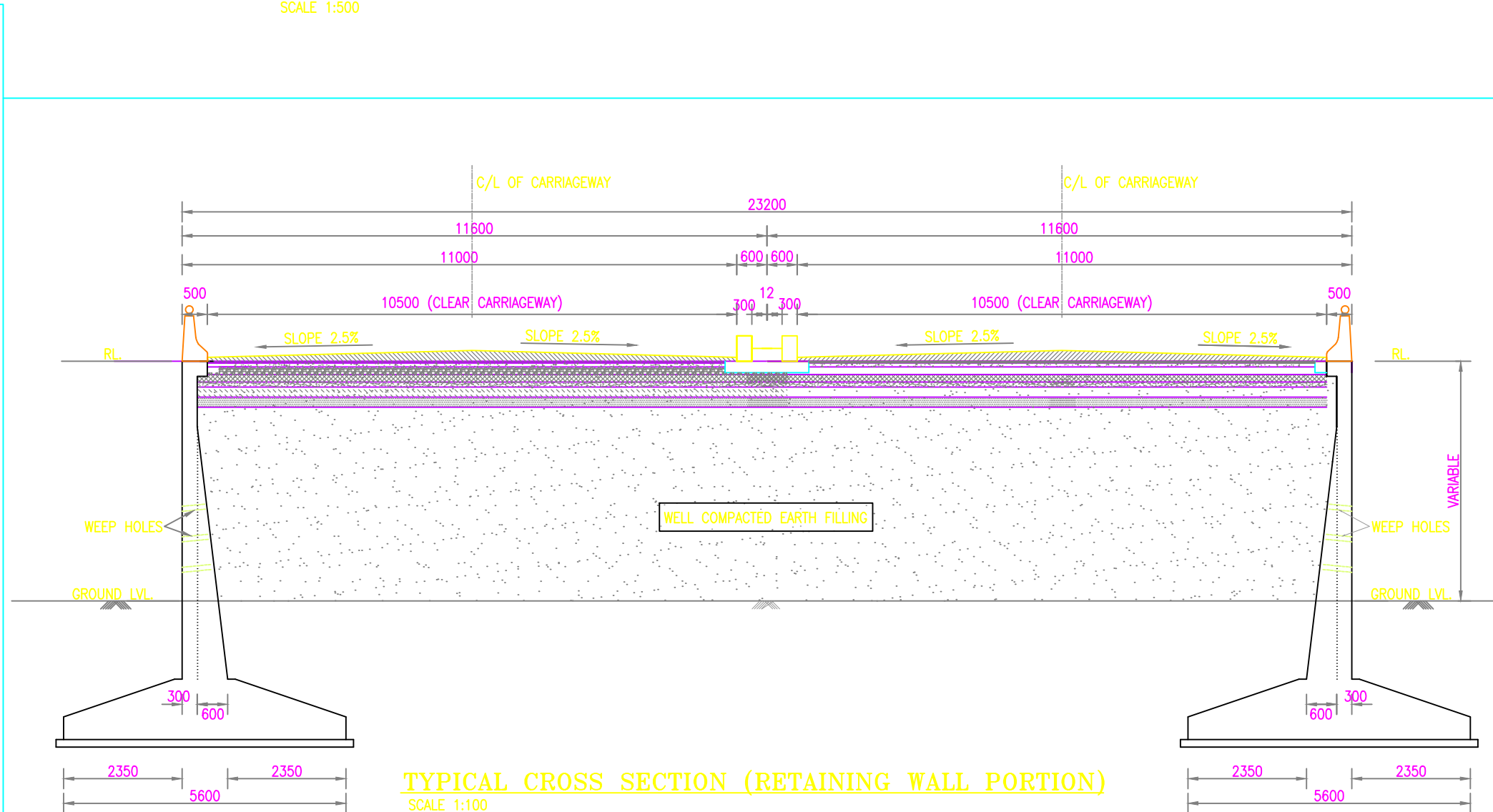
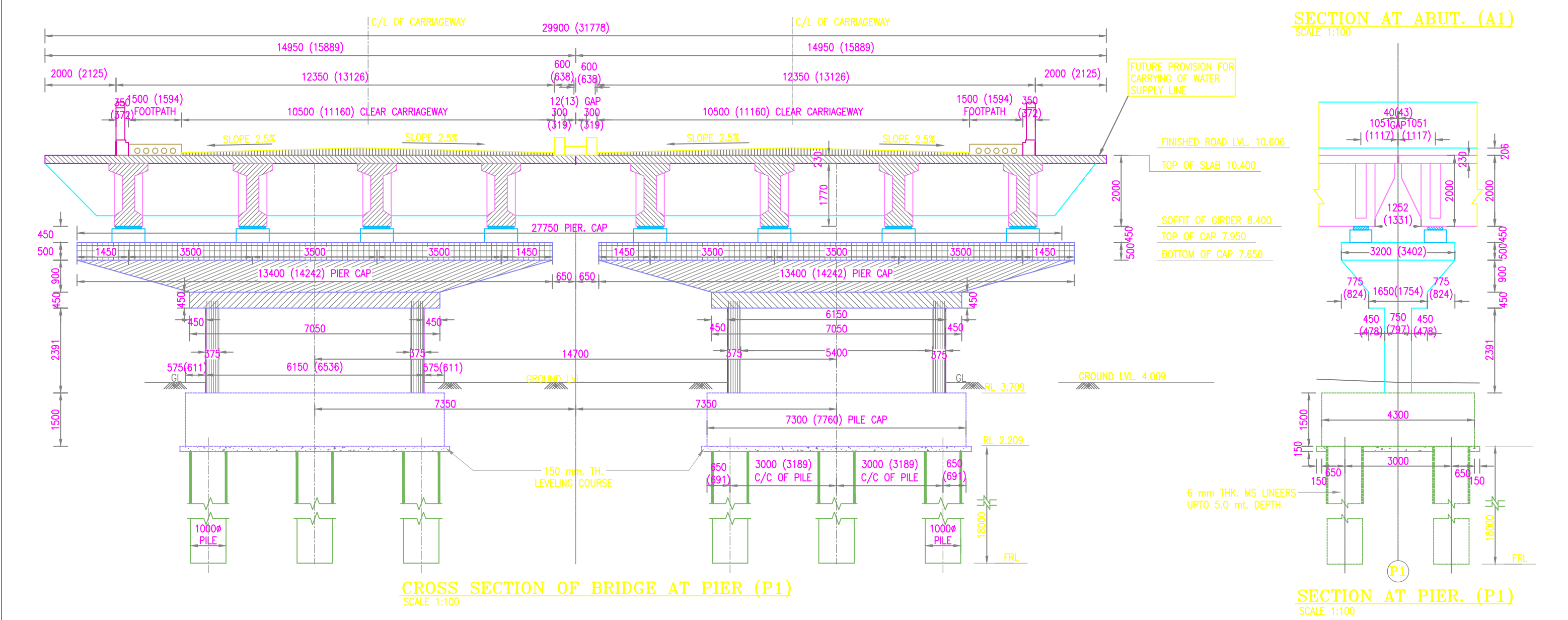
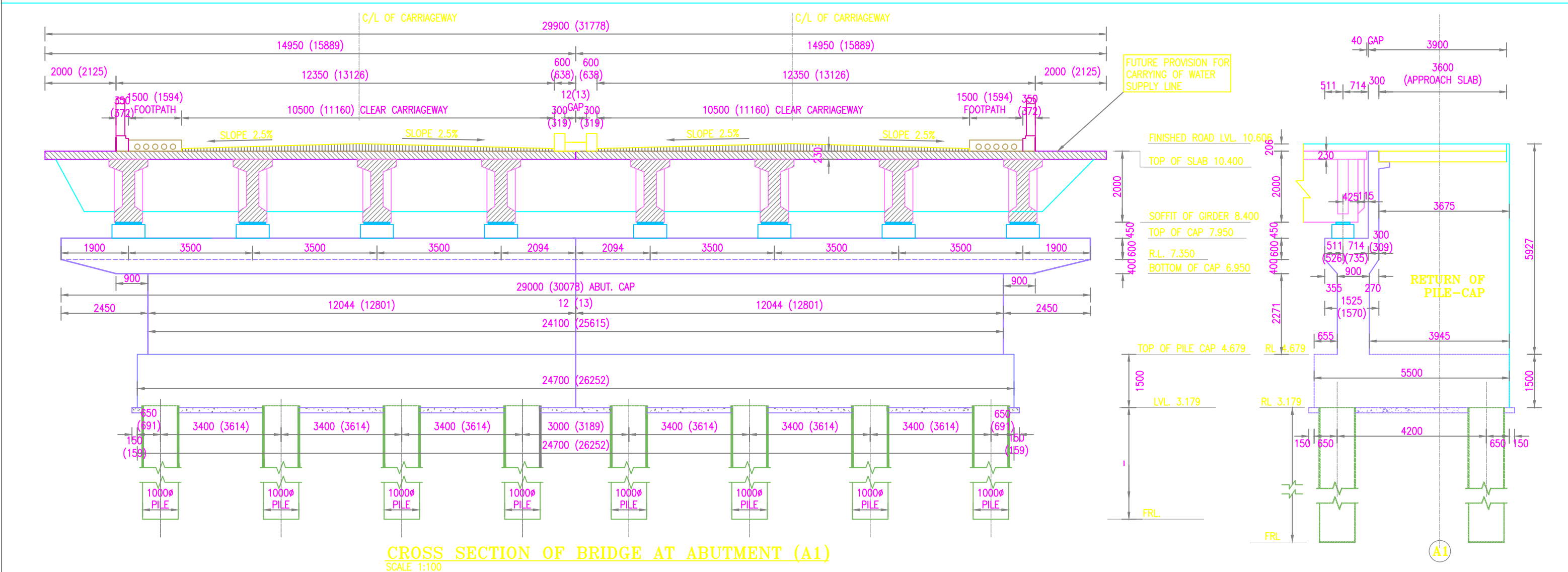
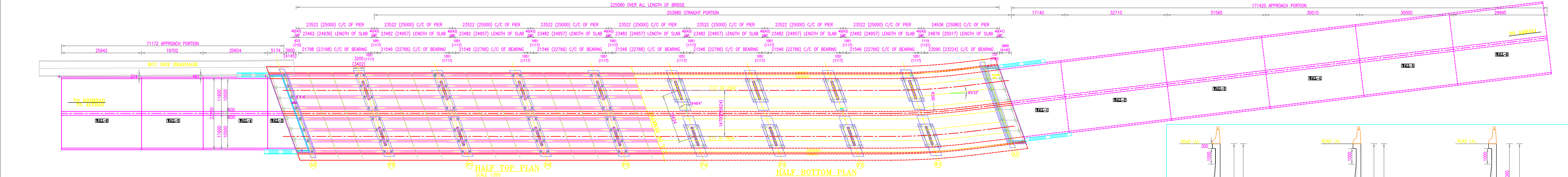


SECTIONAL ELEVATION OF PROPOSED BRIDGE
SCALE 1:500



NOTES :-

- ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN MTRS UNLESS SPECIFIED OTHERWISE.
- DIMENSIONS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
- THE DETAILS SHOWN IN SITE PLAN ARE AS PER THE SURVEY CARRIED OUT AT SITE.
- THE DIMENSIONS SHOWN ARE TENTATIVE AND SHALL DEPEND UPON FINAL DESIGN.
- THE FINISHED ROAD U/L GRADE ARE MANDATORY. REST OF THE ARRANGEMENTS, NOS. & SPACING OF GIRDERS, TYPE OF SUPERSTRUCTURE, DIAMETER/THICKNESS, DEPTH & THICKNESS OF SUB-STRUCTURE MEMBERS, ETC. ARE TENTATIVE AND SHALL DEPEND UPON FINAL DESIGN.
- THE APPROACHES ARE IN RCC RETAINING WALL AS PER DETAILED DRAWINGS.
- AS PER CODAL REQUIREMENT 2.5% AGE OF CAMBER AND SUPER ELEVATION SHALL BE PROVIDED IN STRAIGHT AND CURVED PORTION OF ROE. EXTRA WIDENING IN CURVED PORTION SHALL BE PROVIDED ACCORDINGLY.
- DRAINAGE SPOUT, EXPANSION JOINT & WEARING COAT SHOULD BE AS PER MOST OR SPECIFICATIONS AND DRAWINGS GIVEN BY CLIENT.
- THE CONSTRUCTING AGENCY SHOULD ENSURE THAT THE NECESSARY PERMISSION HAS BEEN OBTAINED FROM ROAD AUTHORITY FOR DIVERTING THE TRAFFIC TEMPORARILY PRIOR TO COMMENCING THE WORK IF ANY.
- UNDER GROUND CABLE ETC. IF ANY SHALL BE REMOVED & RE-ALIGNED BEFORE THE EXECUTION OF WORK STARTS.
- NECESSARY SUITABLE SHORING AND STRUTTING SHALL BE PROVIDED FOR CASTING OF STRUCTURAL MEMBERS AND OTHER PLACE WHERE EVER REQUIRED AND DETAILED DRAWING SHALL BE SUBMITTED BY THE CONTRACTOR.
- BRIDGE SHALL BE DESIGNED FOR ONE LANE OF CLASS 70(R)+ ONE LANE CLASS A OR THREE LANE OF CLASS 'A' ALONG WITH FOOTPATH LOADING AS PER IRC-8-2000
- MIN. GRADES OF CONCRETE FOR VARIOUS COMPONENTS OF BRIDGE SHALL BE AS BELOW.

a) LEVELING COURSE	M-15
b) FOOTING	M-35
c) ABUTMENT & PIER	M-35
d) ABUTMENT/PIER CAP	M-35
e) RCC RETAINING WALL	M-35
f) PILECAP & DRYWALL	M-35
g) PSD SUPERSTRUCTURE	M-40
h) CRASH BARRIER	M-35
- PRESTRESSING STEEL SHALL BE UNCOATED STRESSED RELIEVED LOW RELAXATION STRAND CLASS II CONFORMING TO IS 14268 1995.
- REINFORCING STEEL SHALL BE OF HYSD (TMT) BARS CONFORMING TO IS-1786 OF 8-415.
- WEEP HOLES IN ABUTMENT & RCC RETAINING WALL SHALL BE PROVIDED AS PER IRC-78 ALONG WITH DETAILS GIVEN IN DETAILED DRG.

REFERENCES:-

DRAWING NO.

1. BHIMRAD/01

TITLE

SITE SURVEY USING TOTAL STATION

3	30-8-12	DEPTH OF GIRDER INCREASED BY 200mm AND C/C OF BEARING ADJUSTED AS PER SKEW	EXECUTIVE ENGINEER SURAT MUNI. CORP. SURAT	CONSULTANTS
2	29-6-12	PILECAP LEVEL FOR A2 & P8 MODIFIED UP TO BOTTOM OF DRAINAGE BOX	PROJECT :	
1	2-7-10	DEPTH OF GIRDER MODIFIED TO 1800mm	CONSTRUCTION OF BRIDGE ACROSS CREEK IN TP 43 JOINING BAMROLI AND BHIMRAD NEAR ASHIRVAD ENCLAVE IN SURAT CITY	
REV. NO.	DATE	DESCRIPTION	CLIENTS :	
			THE MUNICIPAL COMMISSIONER, SURAT MUNICIPAL CORPORATION, MUGLISARA, SURAT - 390005	
CONSULTANTS :				
PANKAJ PATEL & ASSOCIATES 3, CHAKRAVARTY COMPLEX, OPP. KIRAN PARK CIRCLE, NANA VADAJ, AHMEDABAD-380013 /FAX : 079-27643175, 27640428 mail : poel_99@yahoo.co.in, poel99@gmail.com				
TITLE :				
GENERAL ARRANGEMENT DRAWING (BRIDGE PORTION & APPROACH PORTION)				
DRAWN BY :	NILESH	DRG. NO.	BHIMRAD	REVISION
CHECKED BY :	PANKAJ PATEL		03	R3
DATE	10-06-2010			