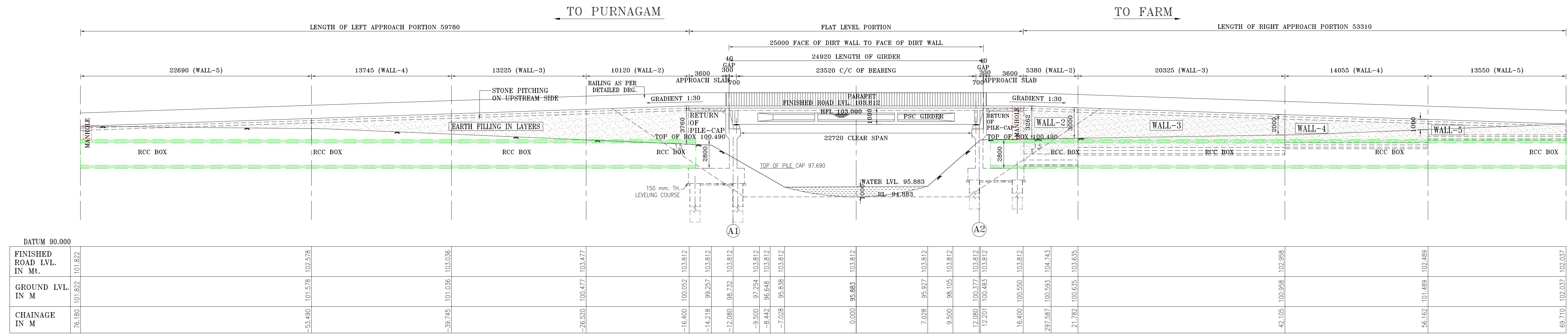
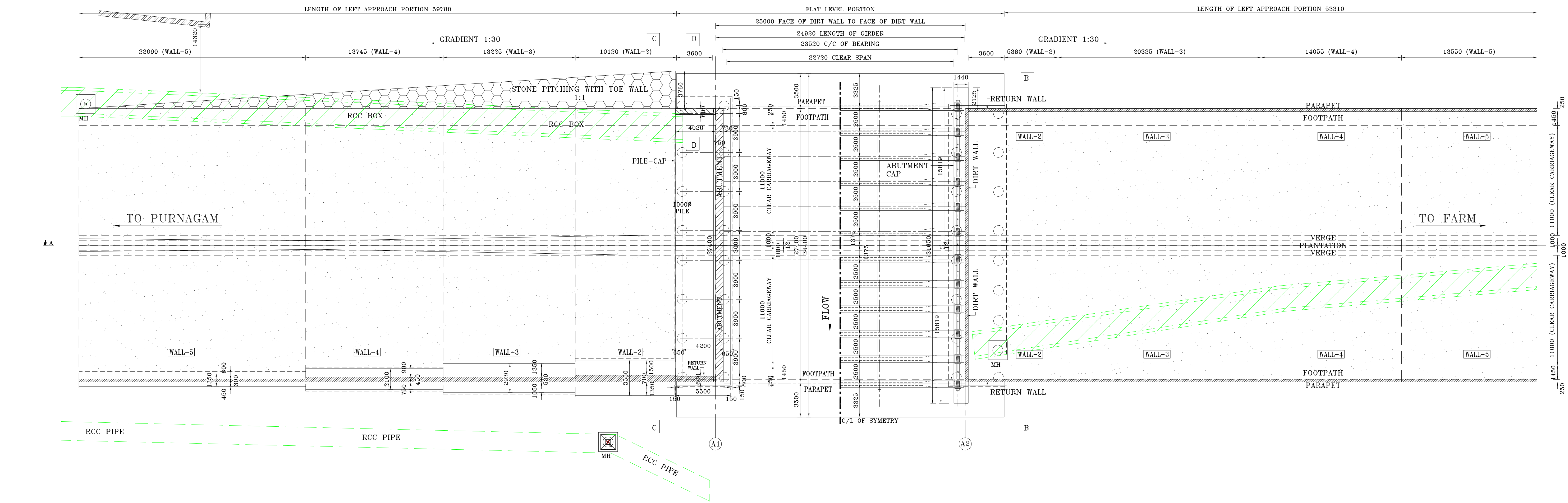
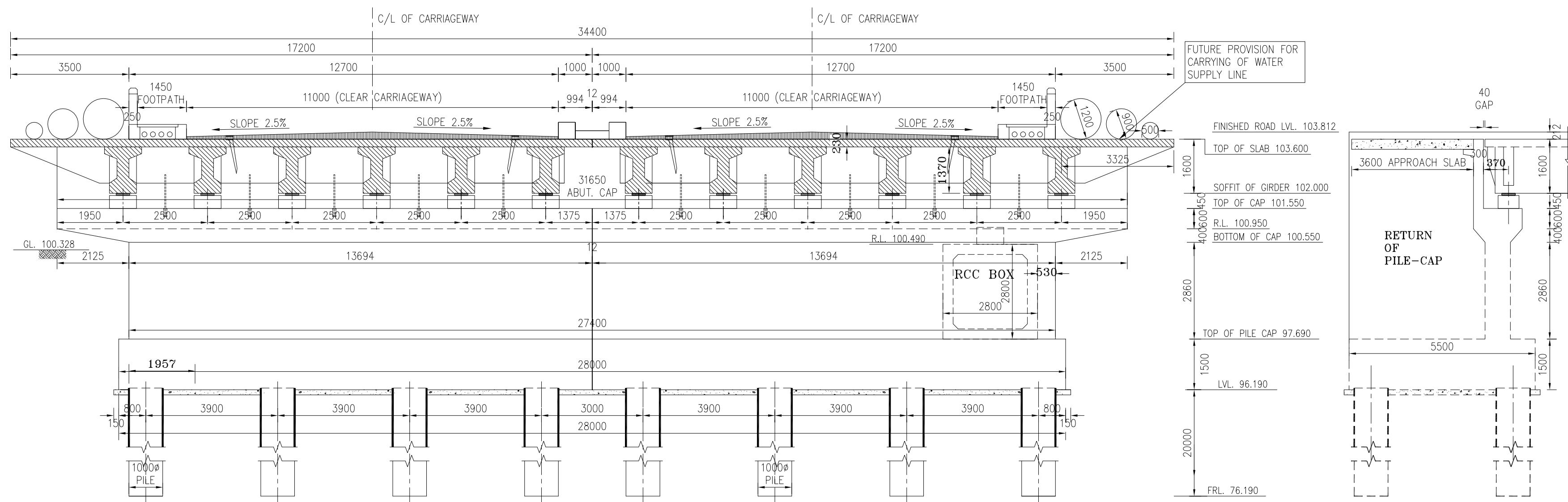




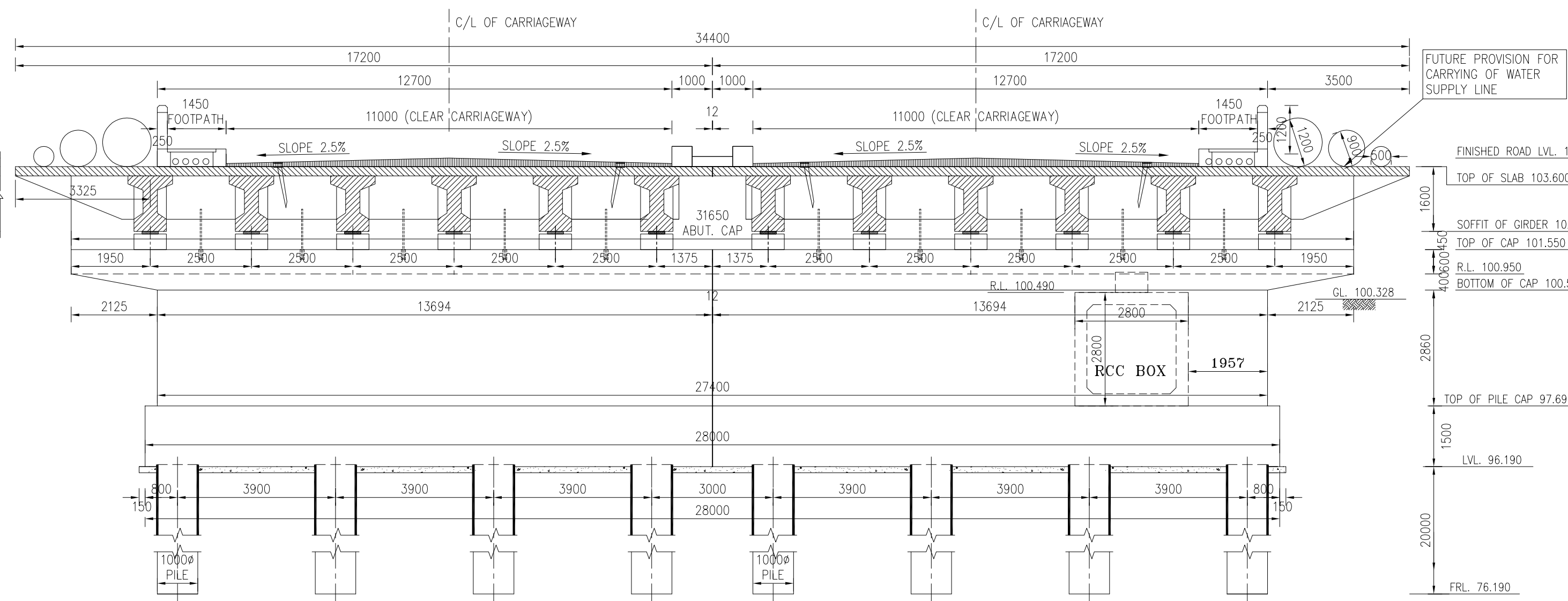
SECTIONAL ELEVATION OF PROPOSED APPROACH (SEC : A-A)
SCALE 1:200



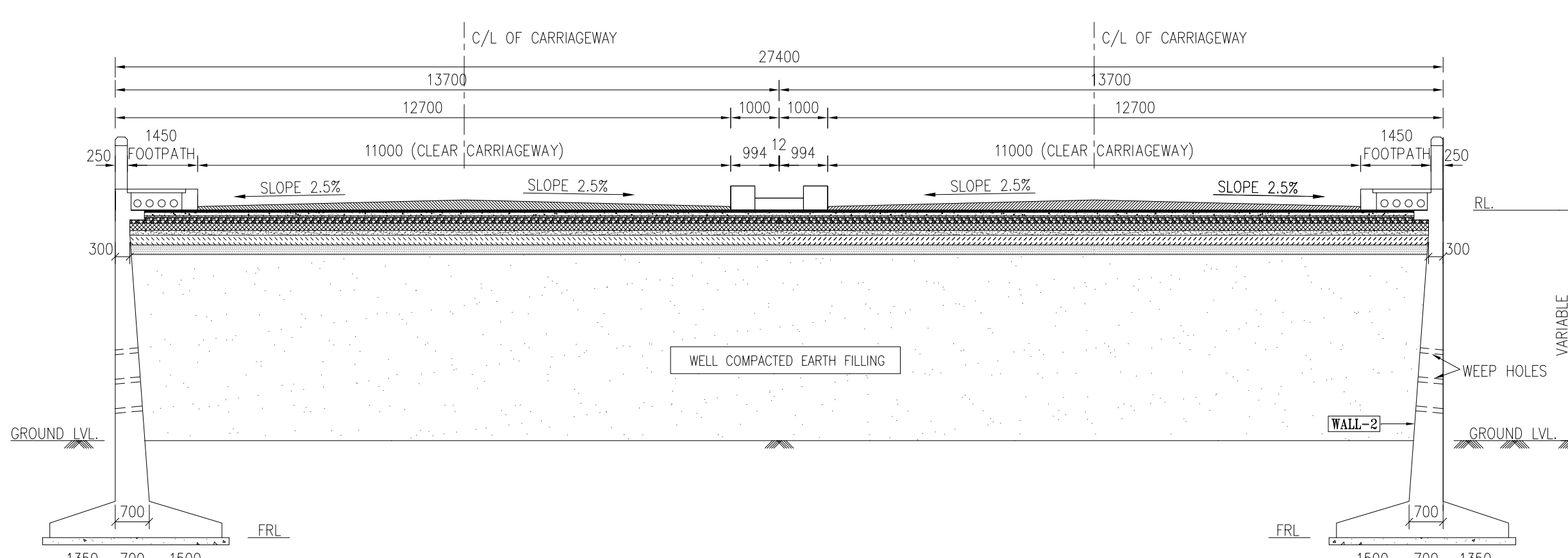
HALF BOTTOM PLAN / HALF TOP PLAN
SCALE 1:200



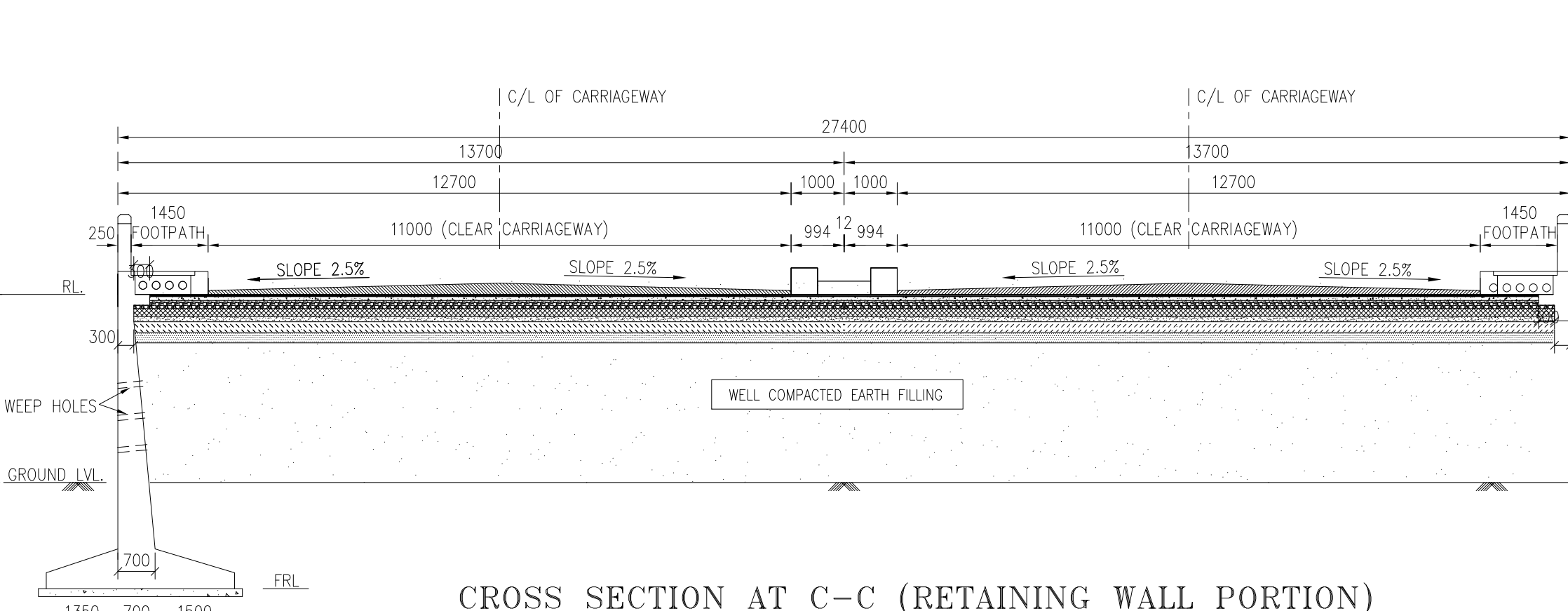
CROSS SECTION OF BRIDGE AT ABUTMENT (A1)
SCALE 1:100



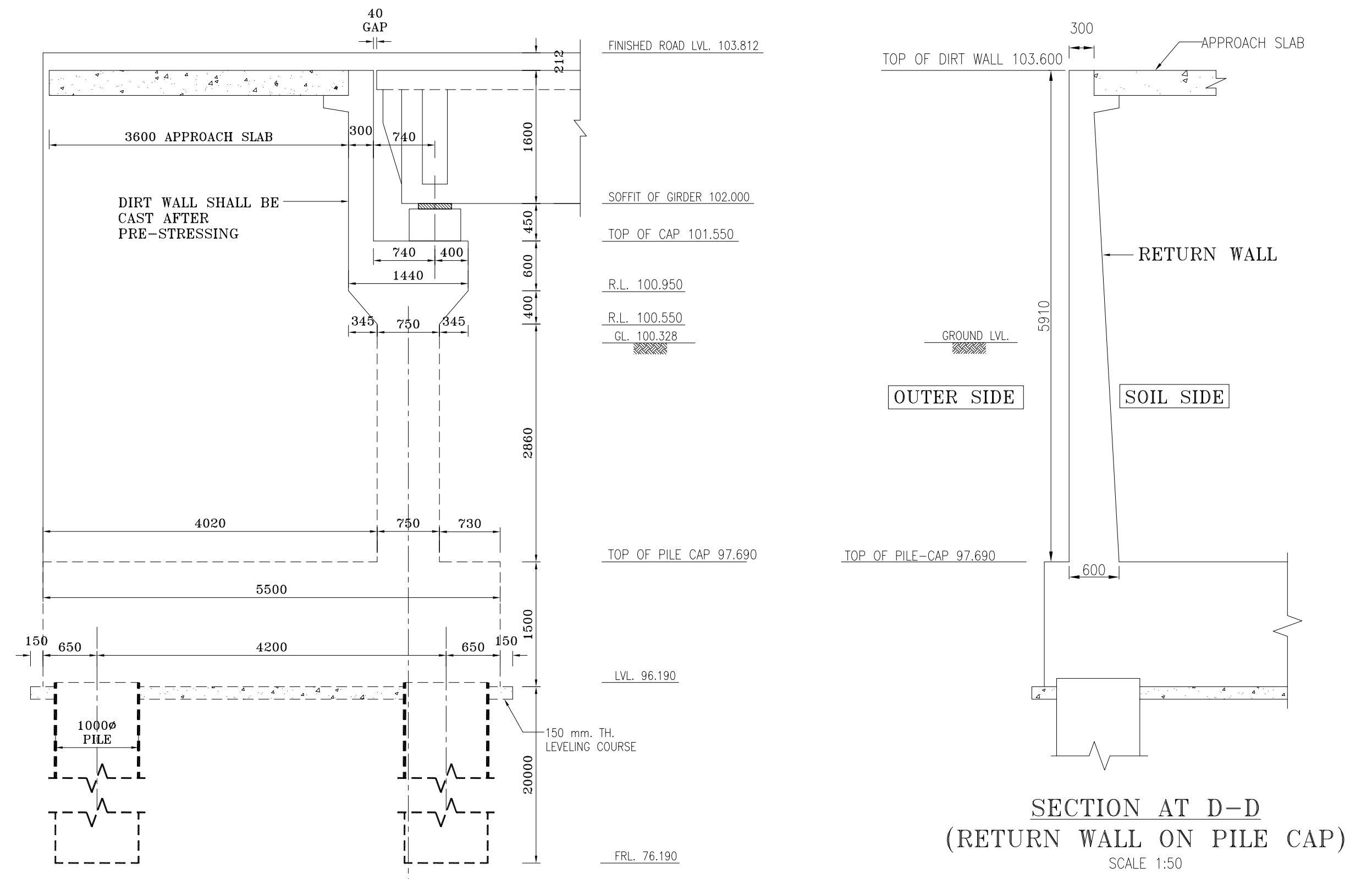
CROSS SECTION OF BRIDGE AT ABUTMENT (A2)
SCALE 1:100



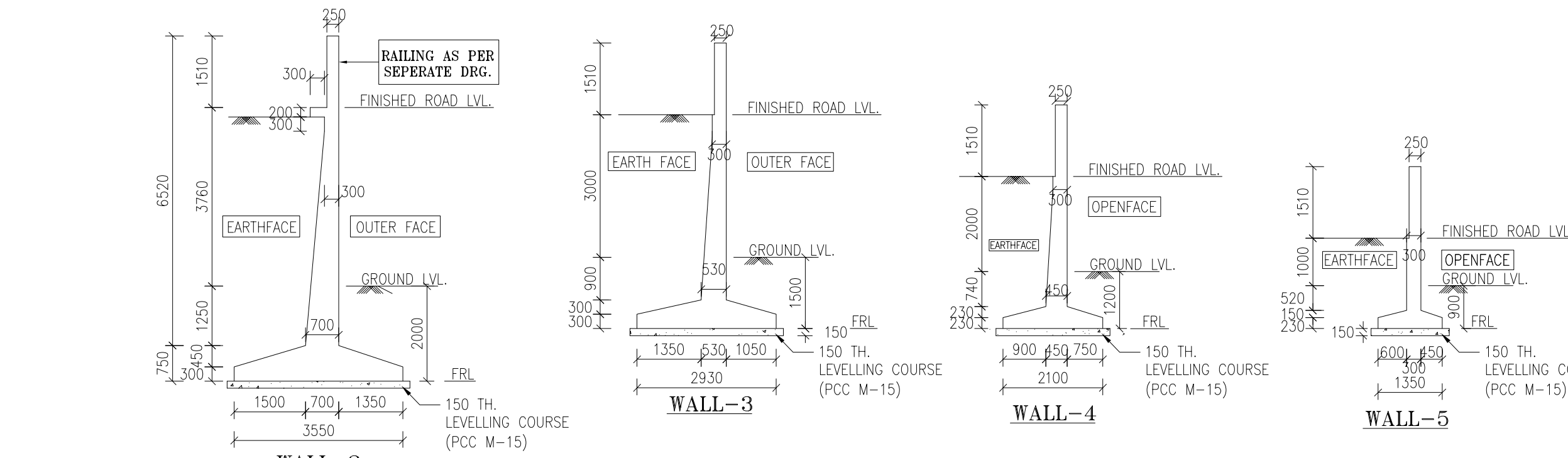
TYPICAL CROSS SECTION (RETAINING WALL PORTION)
(SEC : B-B)
SCALE 1:100



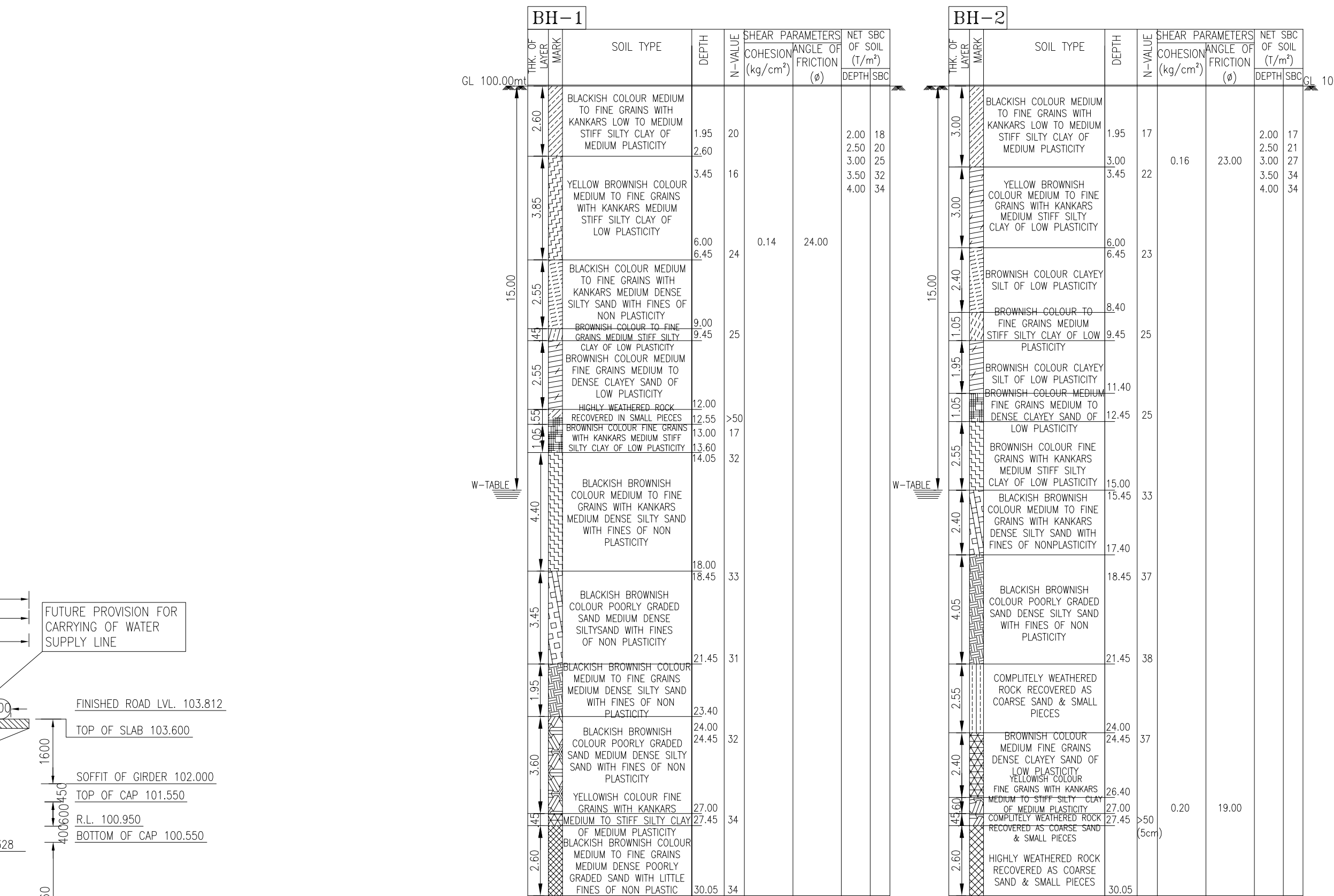
CROSS SECTION AT C-C (RETAINING WALL PORTION)
APPROACH WITH 1-SIDE STONE PITCHING
SCALE 1:100



DETAIL OF ABUTMENT
SCALE 1:50

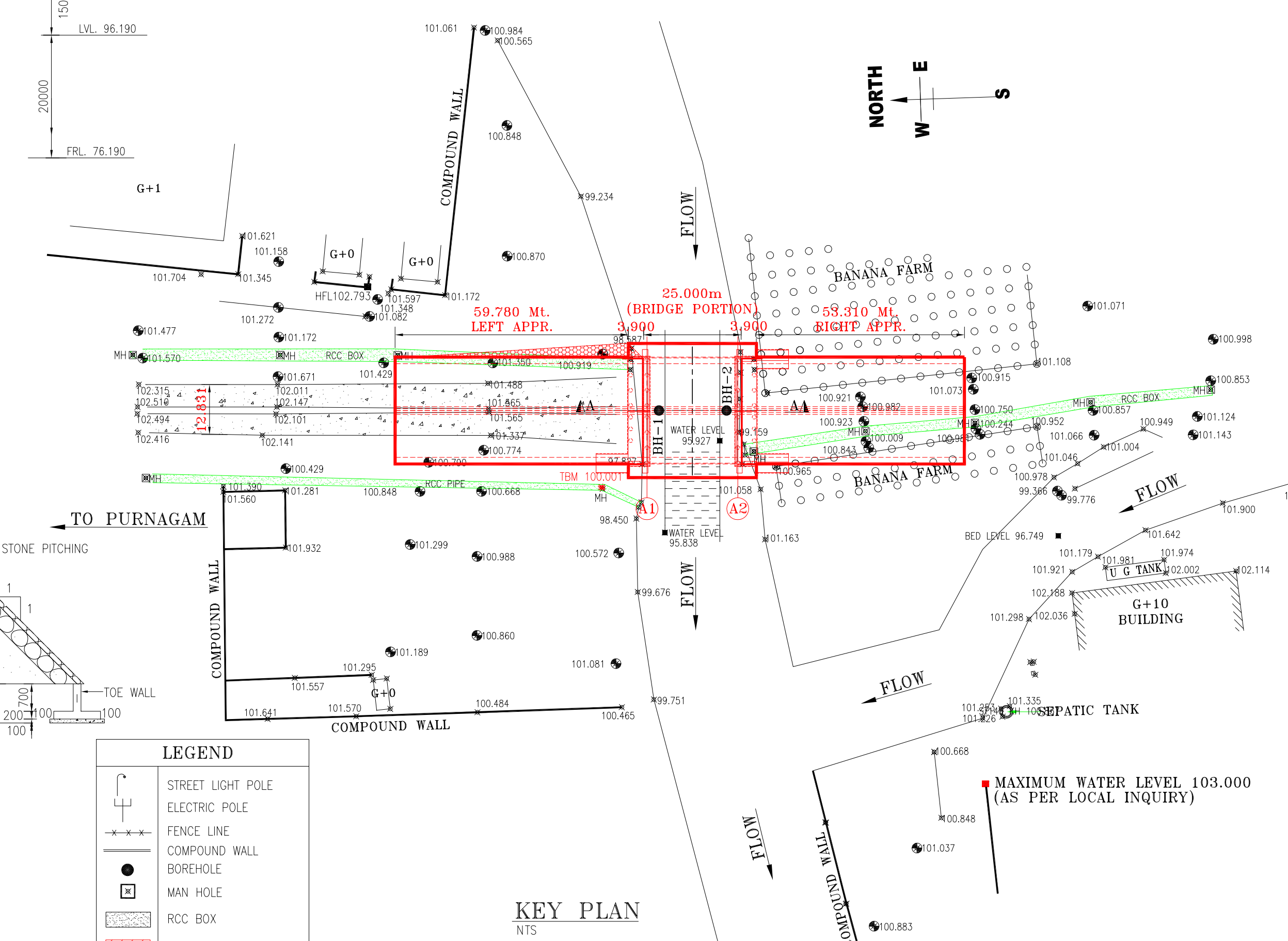


DIMENSIONAL DETAILS OF RETAINING WALL
SCALE 1:100



DETAILS OF BH-1
SCALE: NTS

DETAILS OF BH-2
SCALE: NTS



KEY PLAN
NTS

NOTES :-

- ALL DIMENSIONS ARE IN MM AND LEVELS ARE IN MRS UNLESS SPECIFIED OTHERWISE.
- DIMENSIONS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
- THIS DRAWING IS PREPARED FROM DETAILED SURVEY AND IN CO-ORDINATION WITH SACS OPERATIONS.
- FR. IS DECIDED AS PER SOIL INVESTIGATION REPORT.
- DURING EXECUTION OF NEW BRIDGE, IT IS CONTRACTOR'S RESPONSIBILITY THAT THERE WILL NOT BE ANY DAMAGE TO ANY COMPONENT OF EXISTING STRUCTURE.
- EARTH FILLING IS TO BE PROVIDED AT ABUTMENT OF NEW PROPOSED BRIDGE WITH PROPER COMPACTION.
- PROPOSED WORK SHOWN IN RED IN KEYPLAN.
- THE DIMENSIONS SHOWN ARE TENTATIVE AND SHALL BE AS PER FINAL DESIGN.
- THE ARRANGEMENT, TYPE OF SUPERSTRUCTURE, DIAMETER/THICKNESS, DEPTH & THICKNESS OF SUB-STRUCTURE MEMBERS, ETC. ARE TENTATIVE AND SHALL BE AS PER FINAL DESIGN.
- DRAINAGE SPOUT, EXPANSION JOINT & WEARING COAT SHOULD BE AS PER SPECIFICATIONS AND DETAILED DRAWINGS.
- THE CONSTRUCTING AGENCY SHOULD ENSURE THAT THE NECESSARY PERMISSION HAS BEEN OBTAINED FROM MUNICIPAL CORPORATION FOR DIVERTING THE TRAFFIC TEMPORARILY PRIOR TO COMMENCING THE WORK.
- 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 AT OTHER PLACE WHERE EVER REQUIRED AND DETAILED DRAWING SHALL BE SUBMITTED BY THE CONTRACTOR.
- BRIDGE HAS BEEN DESIGNED FOR ONE LANE OF CLASS 70(R) + CLASS A OR THREE LANES OF CLASS 'A' ALONGWITH FOOTPATH LOADING, WITH WOREST COMBINATION. FOOTPATH LOADING SHALL BE AS PER CLAUSE 209.1 OF IRC-6-2000
- MIN. GRADES OF CONCRETE FOR VARIOUS COMPONENTS OF BRIDGE SHALL BE AS BELOW. IT WILL BE AS PER TENDER SPECIFICATION AND DETAILED DRAWING:
a) LEVELLING COURSE : M-15
b) PILLS & PILE CAP : M-35
c) FOUNDATION CONCRETE : M-35
d) SUBSTRUCTURE CONCRETE : M-35
e) COPS, PIERCESTALS, UTWALL : M-35
f) SUPERSTRUCTURE (PSC SOLID SLAB) : M-40
g) WEARING COAT : M-30
h) CRUSH BRICKER & KERISTONE : M-30
i) FOOTPATH SLAB & APPR. SLAB : M-25
j) RAILING & PARAPET : M-25
- BOROLOG DETAILS SHOWN HERE ARE AS PER SOIL INVESTIGATION CARRIED OUT AT SITE.

REFERENCES:-

DRAWING NO. TITLE

REV. NO.	DATE	DESCRIPTION
R3	30-12-09	AS (ALT-1) FINALIZED BY CLIENT DETAILED CAD PREPARED WITH ROSS LOG DETAIL.
R2	21-11-09	FINISHED ROAD LEVEL MODIFIED
R1	26-9-09	SPAN ARRANGEMENT AND FINISHED ROAD LEVEL MODIFIED

EXECUTIVE ENGINEER
SURAT MUNI. CORP.
SURAT

CONSULTANTS

PROJECT :
CONSTRUCTION OF CREEK BRIDGE
ON 45.0mt DP ROAD NEAR
PARVAT-DUMBHAL CREEKS IN
LIMBATAT AREA, SURAT.

THE MUNICIPAL COMMISSIONER,
SURAT MUNICIPAL CORPORATION, SURAT - 390005

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TITLE
GENERAL ARRANGEMENT DRAWING
(25mt. SPAN) + (3 SIDE RETAINING WALL) +
(1 SIDE STONE PITCHING)

DRAWN BY : CLEMENT DRG. NO. :
CHECKED BY : PANKAJ PATEL LIMBATAT :
DATE : 30-12-2009 R3