
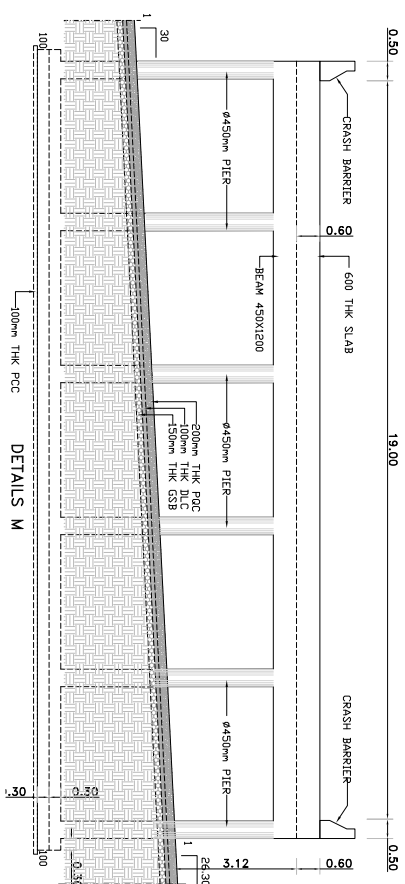
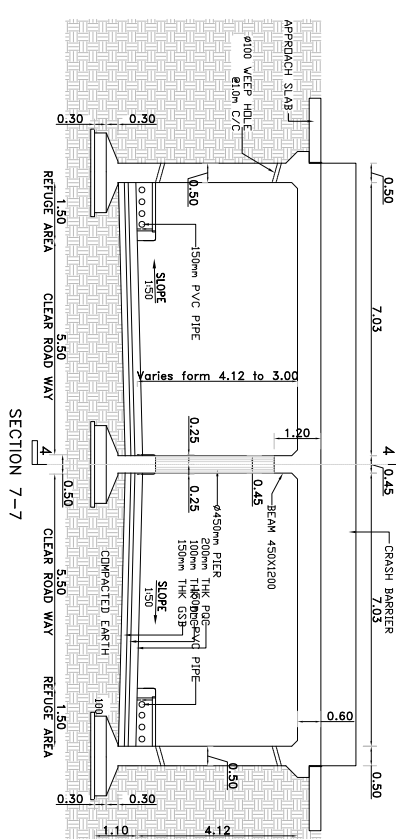
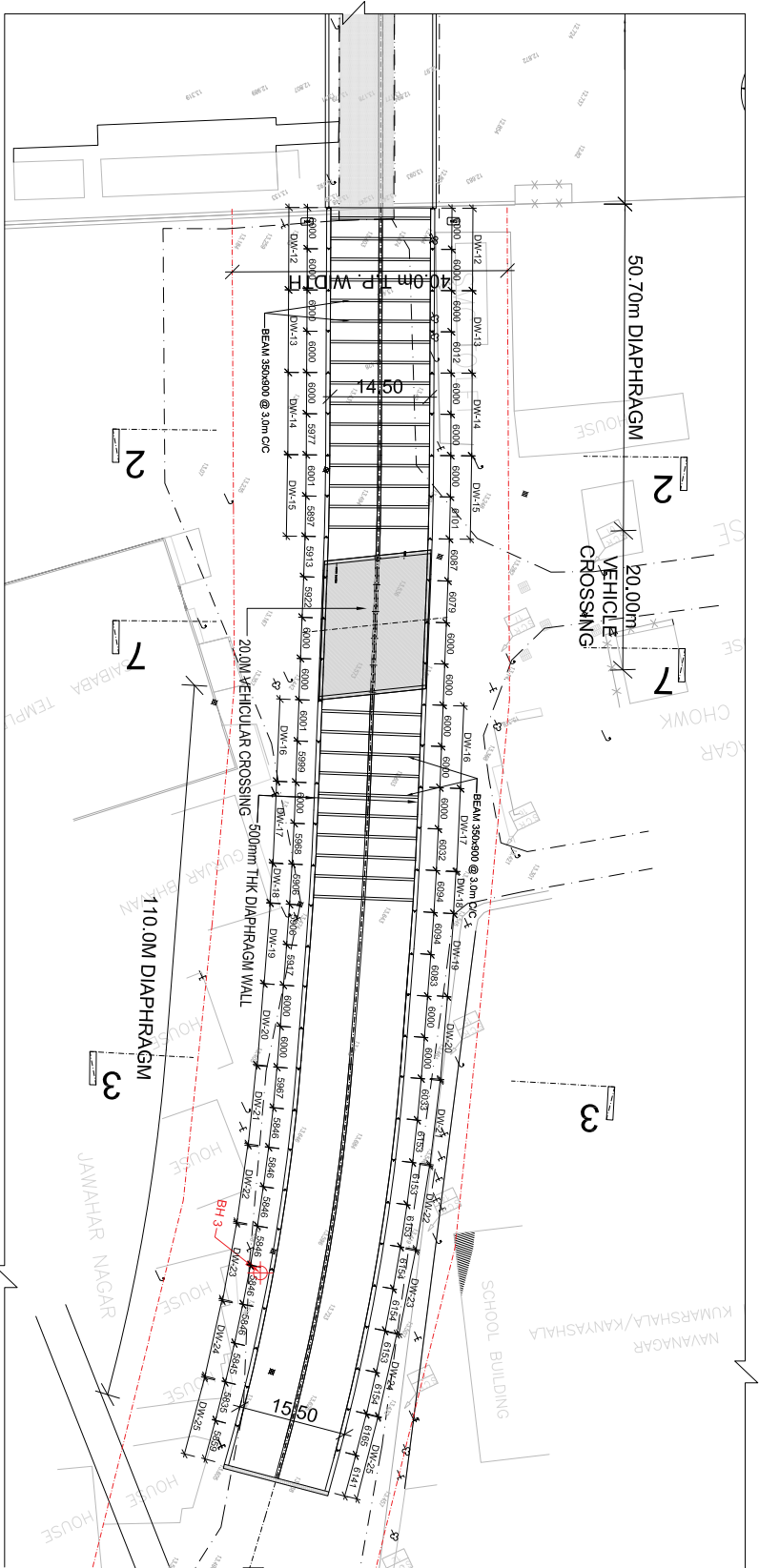
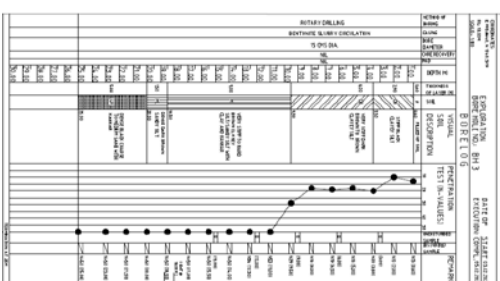
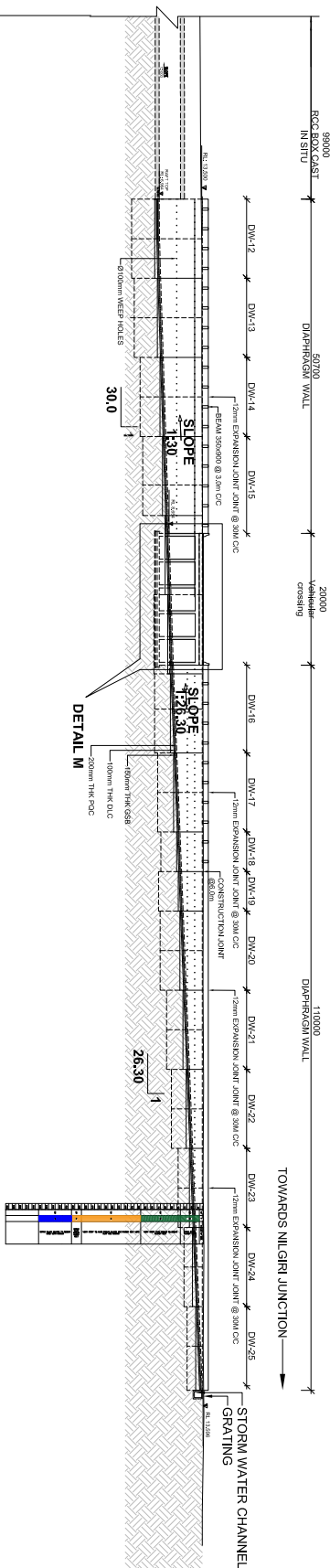


REV	DATE	DESCRIPTION			
Structural Consultant :					
 Advance Engineering Consultant, 601th floor, Ashok Hotel Building, Sector 17, Gurgaon, Haryana - 122001 Phone : 33243608					
CLIENT :					
SURAT MUNICIPAL CORPORATION AT SURAT.					
TITLE :					
CONSTRUCTION OF UNDERPASS ACROSS SURAT-AMDAVALA ROAD ALONG LINE BETWEEN T-13 AND T-14 AT DUNDARA AND NEAR SURAT-AMDAVALA ROAD, SURAT.					
DRAWING NAME :					
PLAN, LONGITUDINAL SECTION AND CROSS SECTION TOWARDS MANDAVYA SOCIETY ROAD					
SIGN		SIGN		SIGN	
DRAWN BY:	C/O PATIL	CMD BY:	M.C. PARMAR	APPROV BY:	P. R. PARMAR
DATE:	03/03/2021	DATE:	03/03/2021	DATE:	03/03/2021
SCALE:		DOCUMENT NO.:		SHEET NO.:	
NTS		AC/CI/DM/1-2/1		REV. :	
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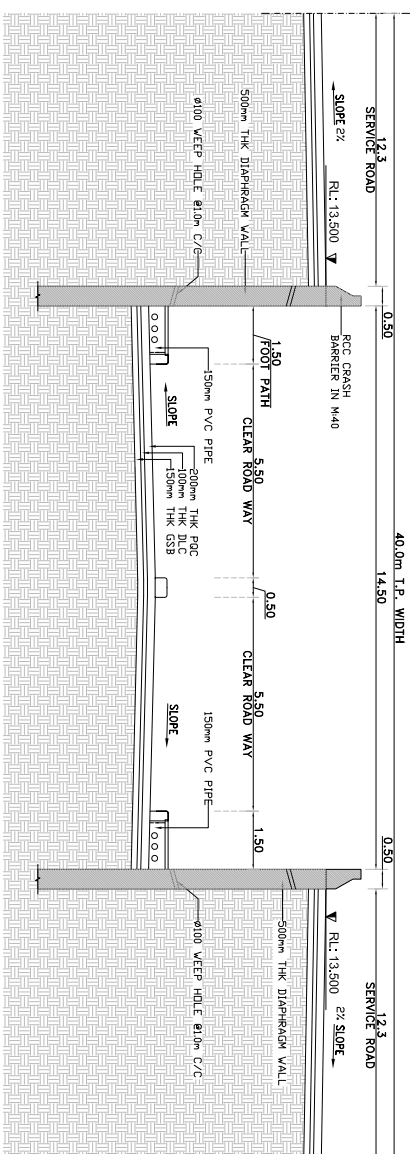
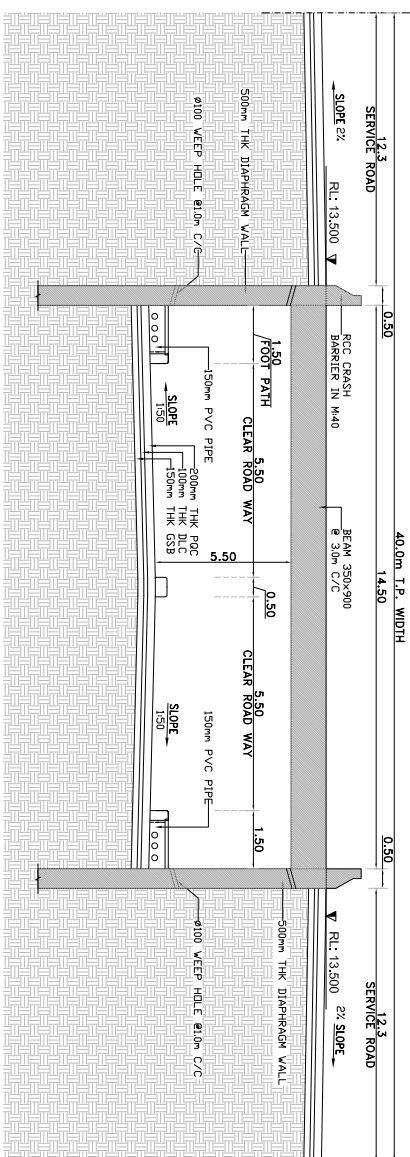
- (1) ALL DIMENSIONS ARE IN MM.
- (2) ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED & DO NOT STATE THE DIMENSIONS.
- (3) POLYMER BITUMENS TO BE USED AS PER SPECIFICATION FOR DAMPPROOF CONSTRUCTION.
- (4) CONCRETE GRADE FOR BEAM AND SLAB - M-40 & GRADE FOR CURB WALL - M-15.
- (5) CLEAR COVER FOR DAMPPROOF - 75mm.
- (6) CLEAR COVER FOR SLAB - 25mm, GRADE - 40MM.
- (7) ALL WALLS IN CONTACT WITH SLAB - 30MM.
- (8) 1. ROCK TO BE PROVIDED AT THE END OF ALL SLABS.
- (9) 2. ROCKING IS 500 X STEEL AND STEEL CONNECTIONS TO IS 7098.
- (10) LAP LENGTH SHALL BE PROVIDED TO IS 456 OR BAR.
- (11) PVC WATER STOP SHALL CONFORM TO IS 15506-2002.
- (12) NO. S/C AT FOUNDATION LEVEL SHALL BE CONFORMED AS 15 / 75mm.
- (13) 50-100mm SLAB OF CONCRETE SHALL BE PROVIDED FOR WORKABILITY.
- (14) IN SERVICE ROAD (CONCRETE), SLAB (15% AND BRASSERIES SLAB) SHALL BE PROVIDED.
- (15) THE THINNESS PROPORTION (SPAWN IN GROUT) IS TENTATIVE AND NEED TO BE CONFINED WITH THE PROPOSED DESIGN.



CHANGING	EXISTING GROUND LEVEL	2025 Vertical crossing
310.00	13.246	
325.00	13.442	
340.00	13.428	
355.00	13.494	
366.82	13.526	
370.00	13.536	
380.00	13.573	
386.82	13.586	
395.00	13.603	
415.00	13.643	
435.00	13.608	
450.00	13.684	
465.00	13.596	
475.00	13.723	
490.00	13.625	
500.00	13.739	
515.00	13.496	
520.00	13.496	



- NOTES / LEGEND
- (1) ALL DIMENSIONS ARE IN MM.
 - (2) ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED & NO DIM SCALE THE DRAWING.
 - (3) POWDER / BENTONITE TO BE USED AS PER SPECIFICATION FOR DIAPHRAGM CONSTRUCTION.
 - (4) CONCRETE GRADE FOR DIAPHRAGM AND SLAB - M-40
 - (5) CONCRETE GRADE FOR BEAM AND SLAB - M-40 & GRADE FOR CULVERT WALL - M-15.
 - (6) CLEAR COVER FOR DIAPHRAGM - 75mm.
 - (7) CLEAR COVER FOR SLAB - 25mm, BEAM - 40mm.
 - (8) AND WALLS IN CONTACT WITH EARTH - 50mm.
 - (9) 'T' HOOK TO BE PROVIDED AT THE END OF ALL BARS.
 - (10) & HOOKS IS 500 D STEEL AND SHALL OVERLAP TO IS 1786.
 - (11) LAP LENGTH SHALL BE PROVIDED 50 x DIA OF BAR.
 - (12) P.V.C. WATER STOP SHALL CONTAIN TO IS 15059-2002.
 - (13) S.P.C. AT FOUNDATION LEVEL SHALL BE CONFINED AS IS 1786.
 - (14) 50-100mm SLOPE OF CONCRETE SHALL BE PROVIDED FOR WORKABILITY.
 - (15) IN SERVICE ROAD DIRECTIONAL SLOPE (1:12) AND TRANSVERSE SLOPE (2%) WILL BE PROVIDED.
 - (16) THE THICKNESS PAVEMENT SHOWN IN C&D IS TENTATIVE AND NEED TO BE CONFERRED WITH THE PAVEMENT DESIGN.



REVISION

REV.	DATE	DESCRIPTION
1		

Structural Consultant:

Advance Engineering Consultant,
6014th Floor, Ashwini Building, Section-11,
Gurgaon (Haryana)-122011
Phone : 22713468

CLIENT : SURAT MUNICIPAL CORPORATION
AT SURAT.

TITLE : CONSTRUCTION OF UNDERPASS ACROSS SURAT-SHIVAJI N.H. AT
KUMARSHALA / KANYASHALA AREA AT SURAT.

DRAWING NAME : GENERAL ARRANGEMENT, SECTION AND CROSS SECTIONS
PLAN, LONGITUDINAL SECTION AND CROSS SECTIONS
1500mm X 1000mm (A1)

SIGN	C.D. PAUL	C.D. BY	W.R. PAUL	APPROVED BY	DATE

SCALE	DOCUMENT NO.	SHEET NO.	REV.
1:100	AC/CH/08-2/21	8	R

