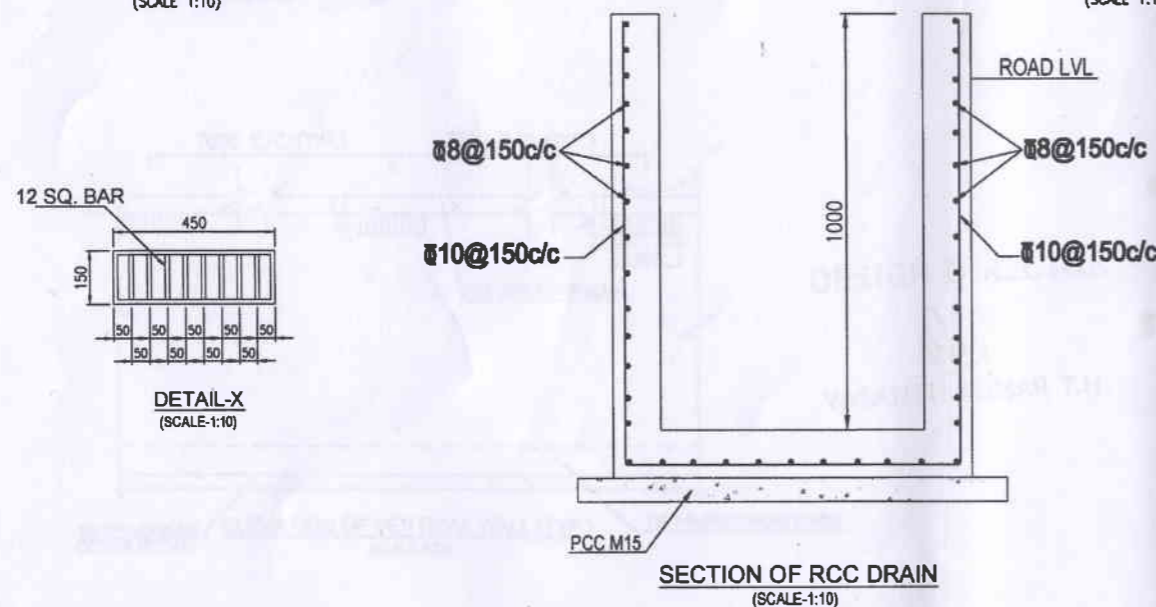
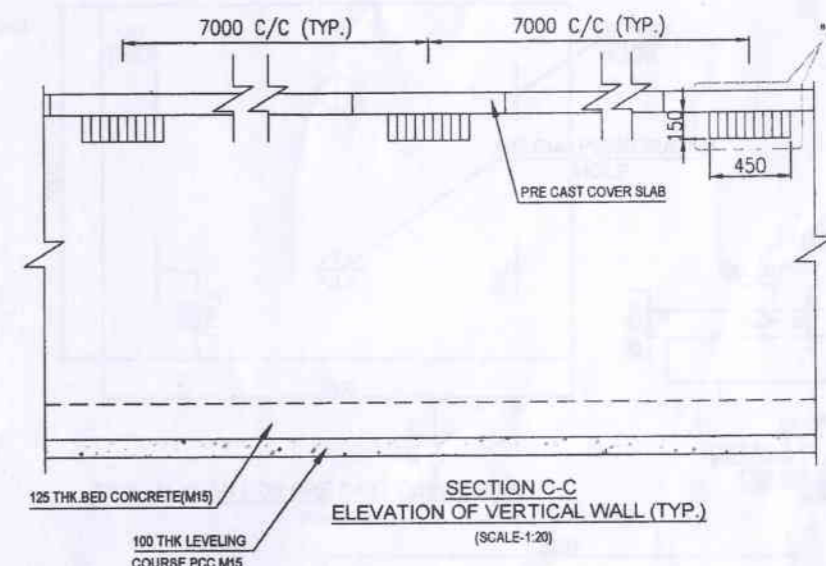
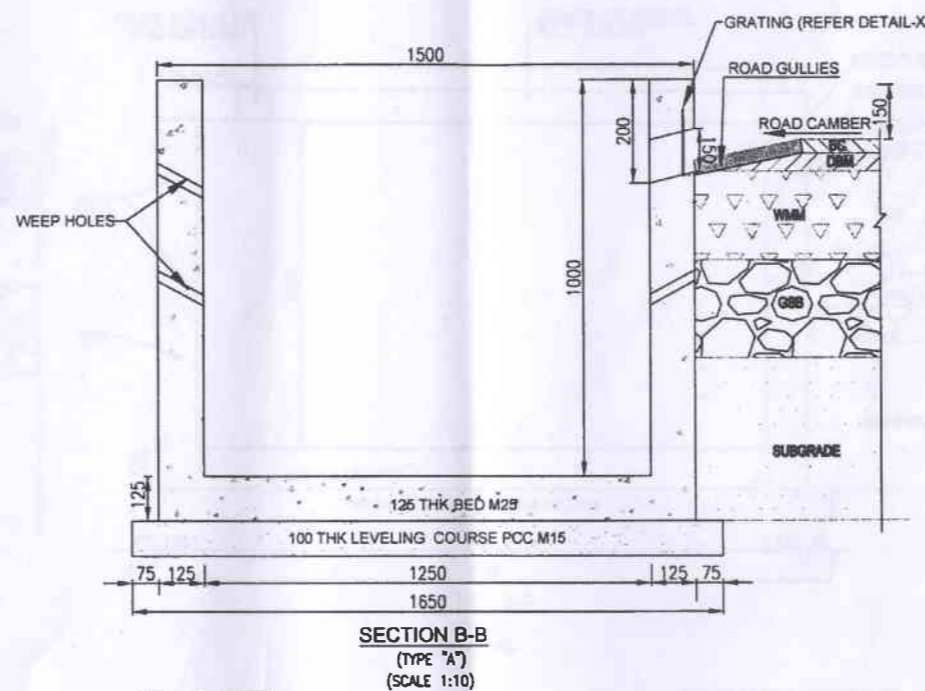
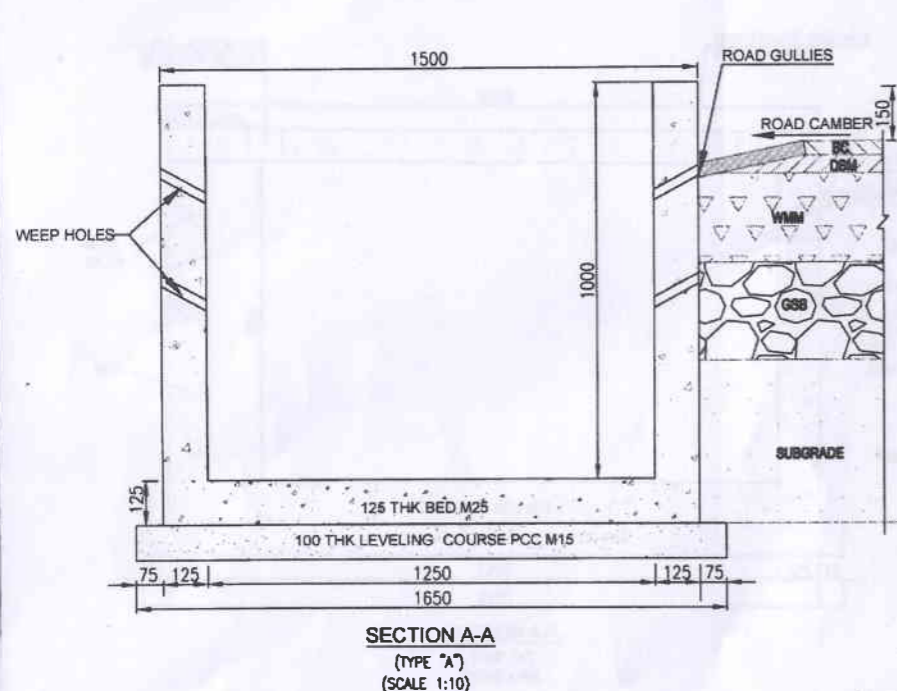
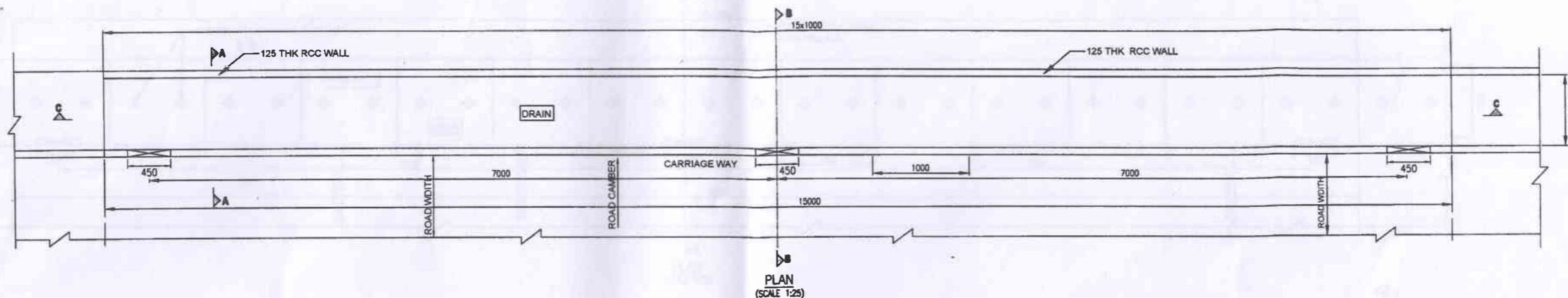


GOOD FOR CONSTRUCTION



DESIGN DIRECTOR
VASANTH KUMAR T.H.

NOTES:-

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
- HIGH YIELD STRENGTH DEFORMED BARS OF GRADE DESIGN DESIGNATION Fe 500 CONFORMING TO IS:1786 SHALL ONLY BE USED.
- THE FOLLOWING GRADE OF CONCRETE SHALL BE USED FOR
 - LEVELING COURSE - M15
 - WALL & BED CONCRETE - M25
 - SLAB - M25
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE:-
 - EARTH FACE = 75mm
 - WATER FACE = 40mm
- WEEP HOLES, OF 75 mm Ø SPACED AT 500 mm c/c BOTH HORIZONTALLY AND VERTICALLY SHALL BE PROVIDED IN A STAGGERED MANNER.
- GRANULAR FILLING MATERIAL CONFORMING TO IRC:78-2000 SHALL BE USED.
- WEEP HOLES TO BE POSITIONED IN THE DIRECTION AGAINST FLOW.
- SLOPE OF THE BED SHALL BE MAINTAINED AS PER SITE CONDITION.
- FOR FRL, REFER RELEVANT PLAN AND PROFILE DRAWING

FOR APPROVAL

PROJECT	CLIENT	CONTRACTOR	DESIGN CONSULTANT	PROOF CONSULTANT	SAFETY CONSULTANT	AUTHORITY ENGINEER	NAME	SHEET SIZE	TITLE
FOUR LANE OF JHAIHI TO DEMOW SECTION OF NH-37 FROM EXISTING CH. Km 531+050 TO Km 535+250 (DESIGN CH. Km 534+800 TO Km 534+800) IN THE STATE OF ASSAM UNDER EPC MODE.	National Highways Infrastructure Development Corporation Ltd. Ministry of Road Transport & Highways, Government of India Branch office : House No.1, Panipath, Ambiknagar Nagar, Zoo road, Guwahati-24	Gannon Dunkerley & Co. Ltd. 88A, TOPSIA ROAD (SOUTH) HAUTE STREET, 7th FLOOR KOLKATA - 700048	PROFESSIONAL CIVIL INFRA PVT. LTD. 1st FLOOR, GROUND FLOOR, SIN. M. K. SWAMYARAYA LAYOUT, NAGADEVANAHALLI, BANGALORE - 560 066	CHETAN INFRA-TECH CONSULTANTS (P) LTD. 7/11, 1ST FLOOR, 43TH MAIN, BRISBANE, OPP. P.E. COLLEGE, BENGALURU - 560080	SMART SAFETY SERVICES # 5-6-8 & 7, HARI HARA NIVAS GUMMAKONDA COLONY, HYDERABAD - 500088 CRSA/2016/11	VOYANTS SOLUTIONS PVT. LTD. 405, 4th Floor, BPTP Park Centre, Block A, Jai Vayu Vihar, Sector 25, Gurgaon, Haryana 122001	DESIGN DIRECTOR PROOF CONSULTANT SAFETY CONSULTANT AUTHORITY ENGINEER	A2 SCALE AS SHOWN SHEET No. 02 OF 02	DIMENSIONAL DETAILS OF LONGITUDINAL DRAIN (FOR RURAL) DRAWING No. PCIP/NH-37/STR/DR/01 REV. 0

15x1000

PRECAST R.C.C. SLAB
(1000x750x100)

100 DIA. HOLE IN THE SLAB FOR DRAIN

FOOT PATH

DRAIN

CARRIAGE WAY

ROAD WIDTH

ROAD CAMBER

450

7000

1000

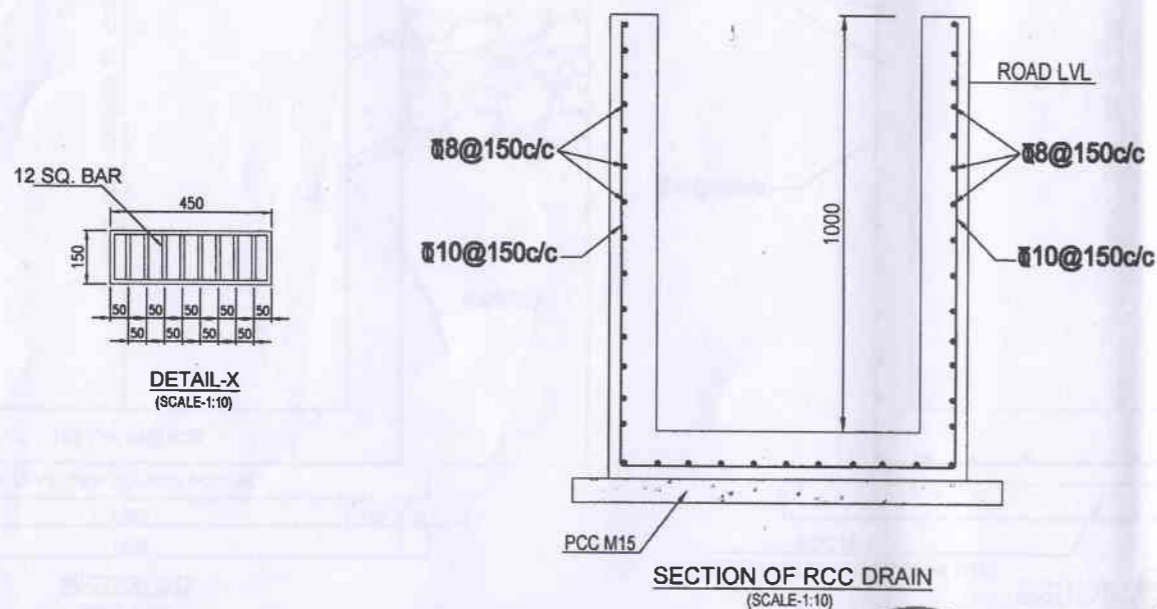
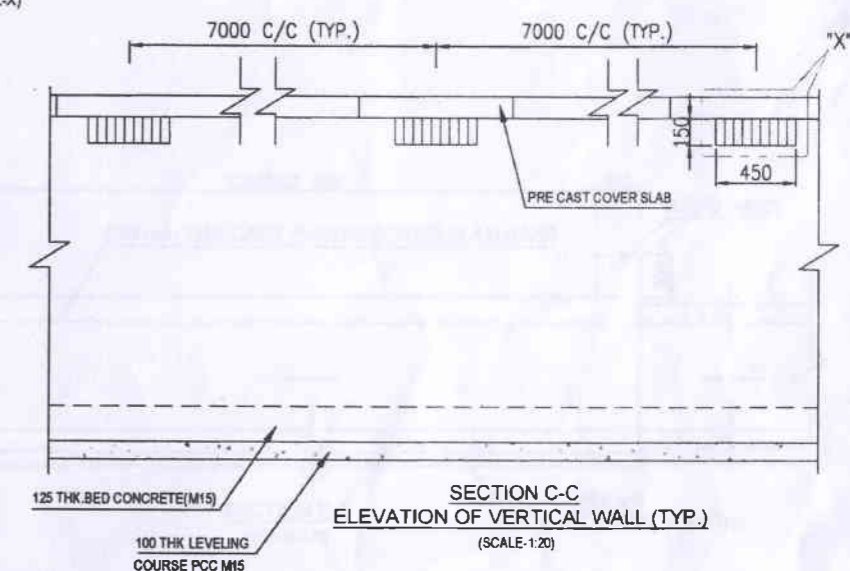
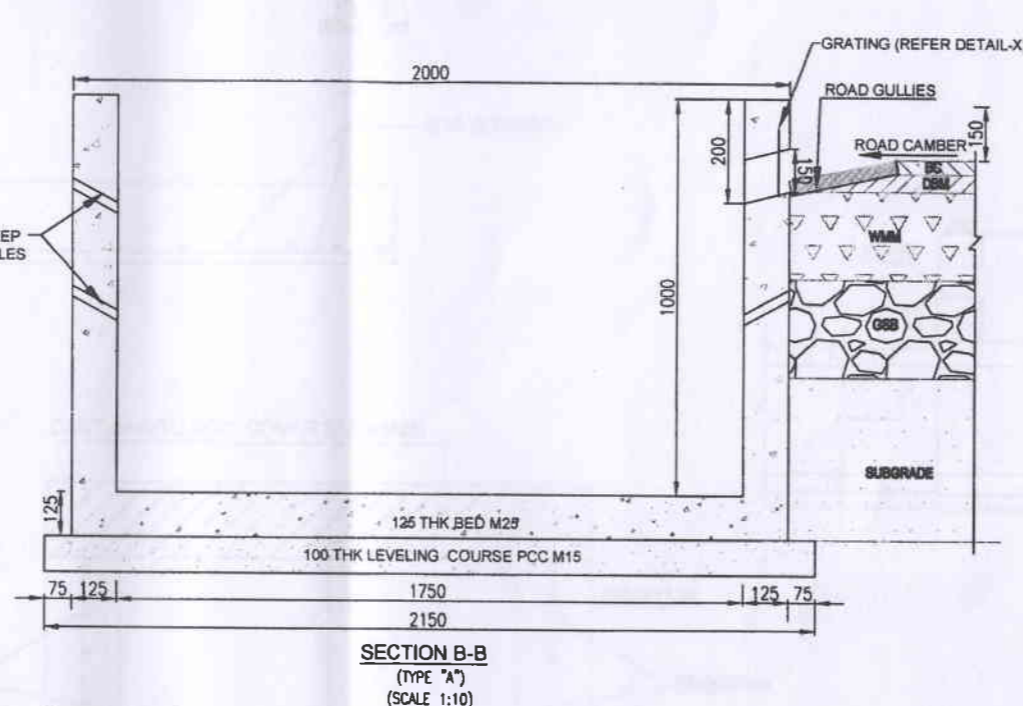
7000

450

10000

PLAN
(SCALE 1:25)

PLAN
(SCALE 1:25)




VASANTH KUMAR T.H.

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. HIGH YIELD STRENGTH DEFORMED BARS OF GRADE DESIGNATION Fe 500 CONFORMING TO IS:1786 SHALL ONLY BE USED.
3. THE FOLLOWING GRADE OF CONCRETE SHALL BE USED FOR
 - a) LEVELING COURSE - M15
 - b) WALL & BED CONCRETE - M25
 - b) SLAB - M25
4. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE:-
 - a) EARTH FACE = 75mm
 - b) WATER FACE = 40mm
5. **WEEP HOLES, OF 75 mm Ø SPACED AT 500 mm c/c BOTH HORIZONTALLY AND VERTICALLY SHALL BE PROVIDED IN A STAGGERED MANNER.**
6. GRANULAR FILLING MATERIAL CONFORMING TO IRC:78-2000 SHALL BE USED.
7. WEEP HOLES TO BE POSITIONED IN THE DIRECTION AGAINST FLOW.
8. SLOPE OF THE BED SHALL BE MAINTAINED AS PER SITE CONDITION.
9. FOR FRL, REFER RELEVANT PLAN AND PROFILE DRAWING

PROJECT		CLIENT	CONTRACTOR	DESIGN CONSULTANT	PROFESSIONAL CONSULTANT	SAFETY CONSULTANT	AUTHORITY ENGINEER	FOR APPROVAL			
FOUR LANING OF JHANJHI TO DEMOW SECTION OF NH-37 FROM EXISTING CH. Km 491+050 TO Km 535+250 (DESIGN CH. Km 491+050 TO Km 534+800) IN THE STATE OF ASSAM UNDER EPC MODE.		National Highways Infrastructure Development Corporation Ltd. Ministry of Road Transport & Highways, Government of India Branch office : House No.1, Panpath, Ambikagiri Nagar , Zoo road, Guwahati-24	Gannon Dunkerley & Co. Ltd. 88A, TOPSIA ROAD (SOUTH) HAUTE STREET , 7TH FLOOR KOLKATA - 700048	PROFESSIONAL CIVIL INFRA PVT. LTD. # 183B, GROUND FLOOR, R/R IN VIVEKANANDA LAYOUT, CHANDREVANAPALLY, CHENNAI-600 058	PROFESSIONAL CIVIL INFRA TECH CONSULTANTS (P) LTD., 7TH, 1ST FLOOR, 13TH MAIN, BRINAGAR, OPP.PES COLLEGE, BENGALURU-560080	SAFETY CONSULTANT SMART SAFETY SERVICES # 3-5-6 T, HARI HARAN NIVAS, KUPPUSWAMY COASTAL HYDROGRAPHIC & A/C MADRAS-600 002	VOYANTS SOLUTIONS PVT. LTD. Date..... 405, 4th Floor, 67TP Park Centre, Block-A, Adl Vayu Vihar, Sector-30, Gurugram, Haryana 122001	NAME	SHEET SIZE	TITLE:	
								DESIGN DIRECTOR	A2	DIMENSIONAL DETAILS OF LONGITUDINAL DRAIN (FOR RURAL)	
								PROOF CONSULTANT	SCALE	DRAWING No.	
								SAFETY CONSULTANT	AS SHOWN	REV.	
								AUTHORITY CONSULTANT	SHEET No.	PCIPLNH-37/STR/OR/01	
									02 OF 02	0	