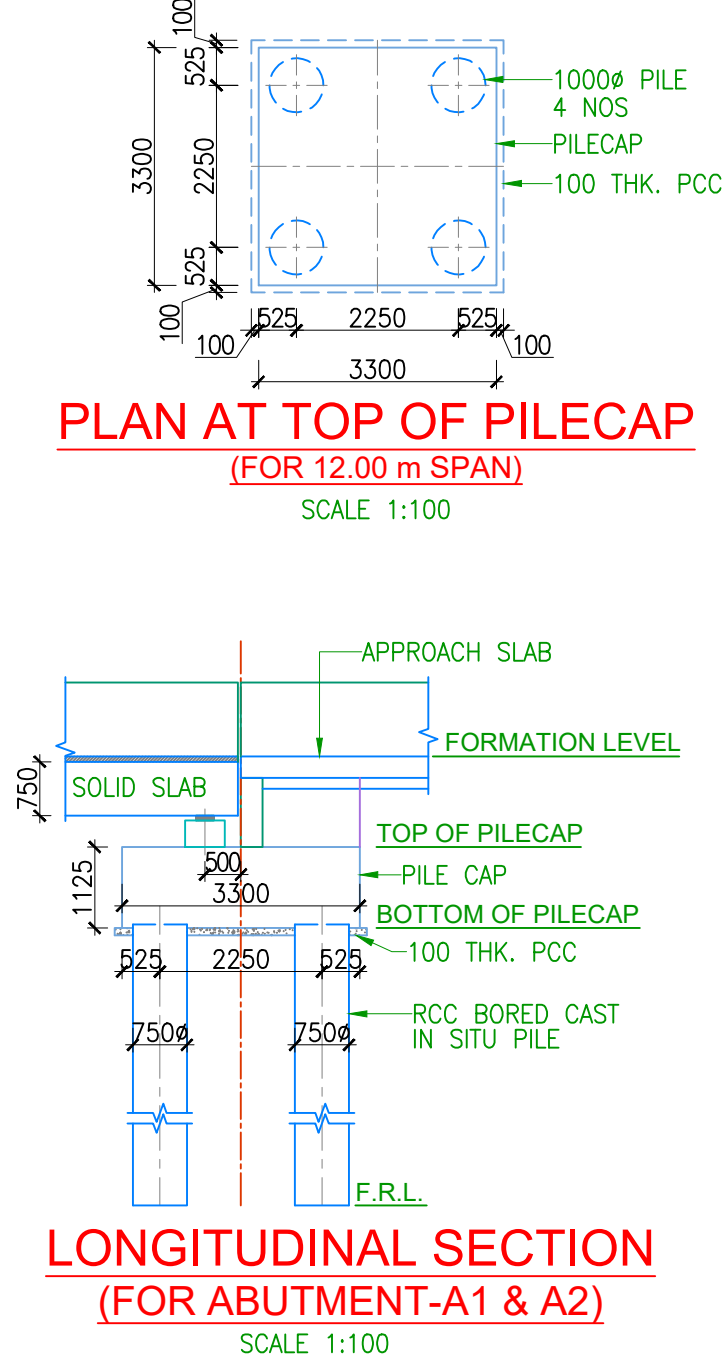
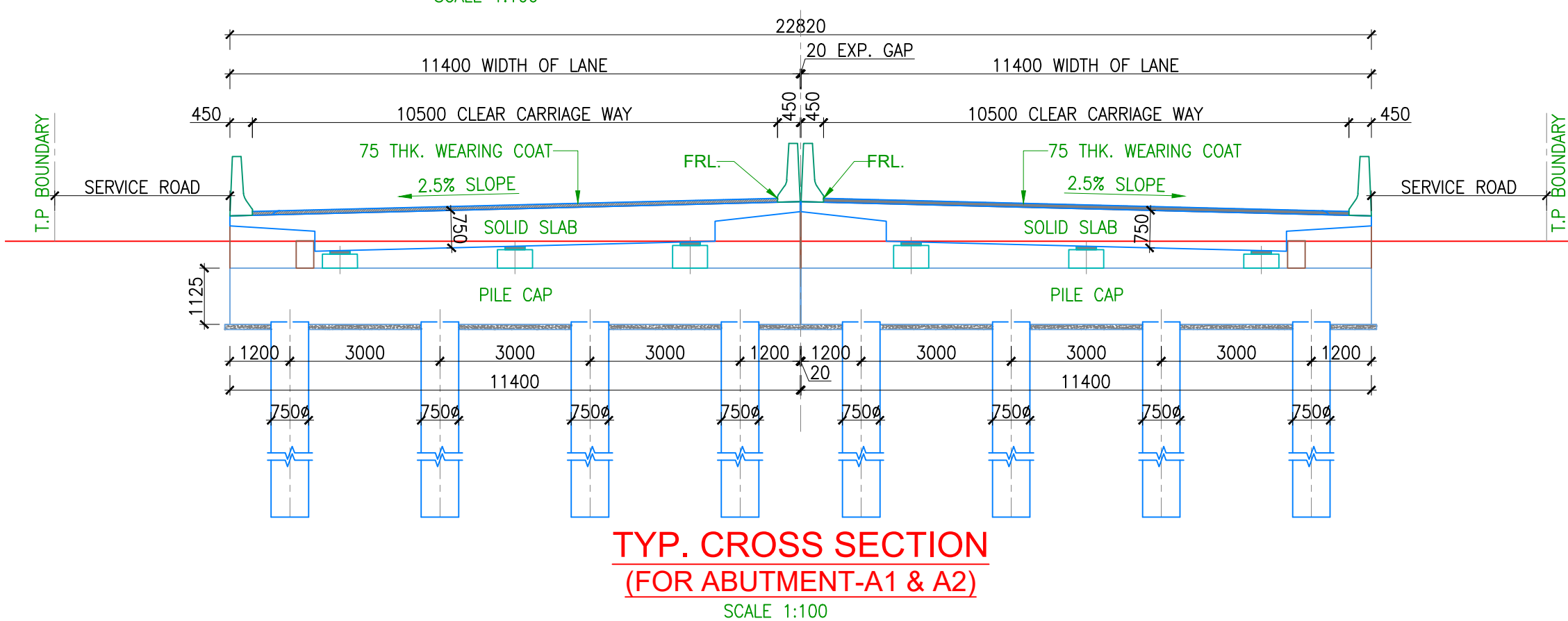
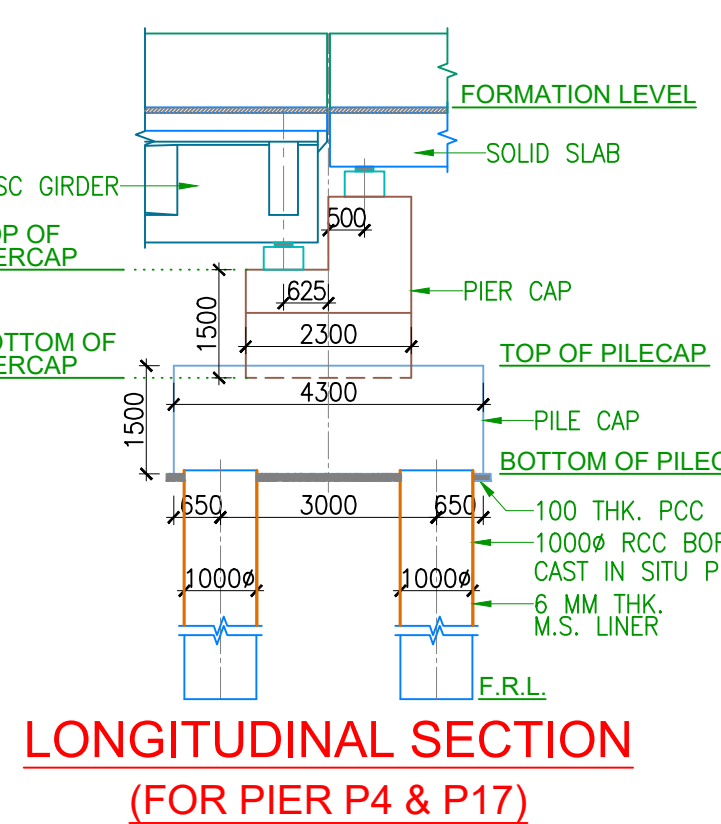
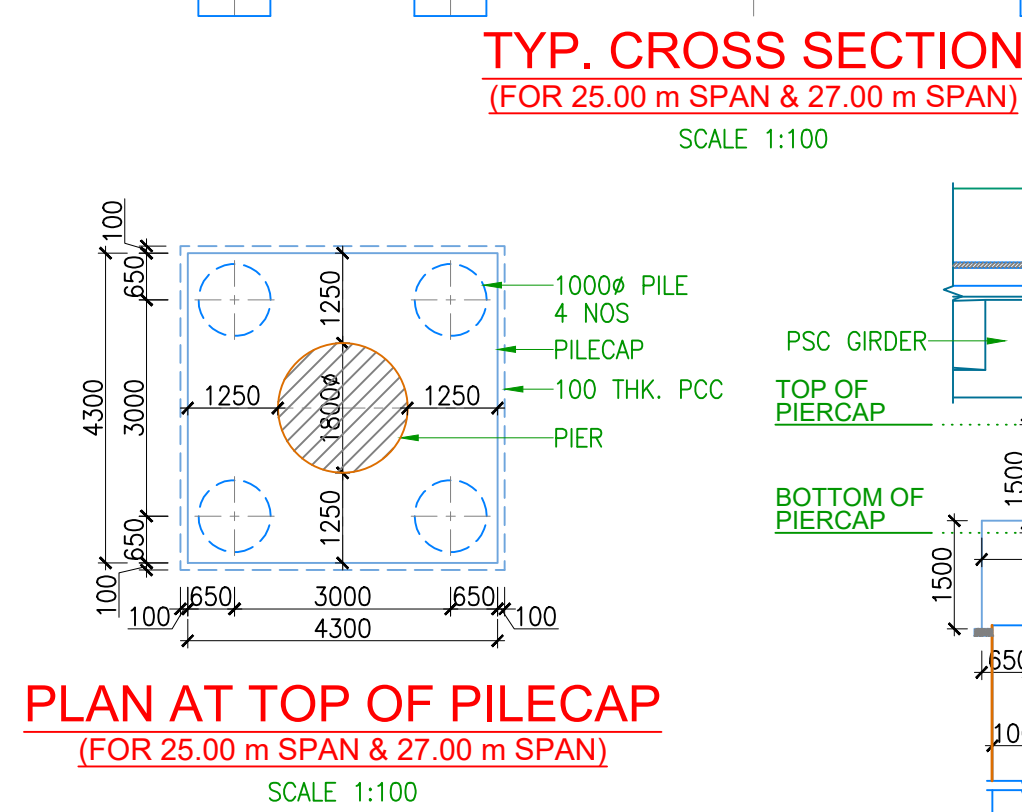
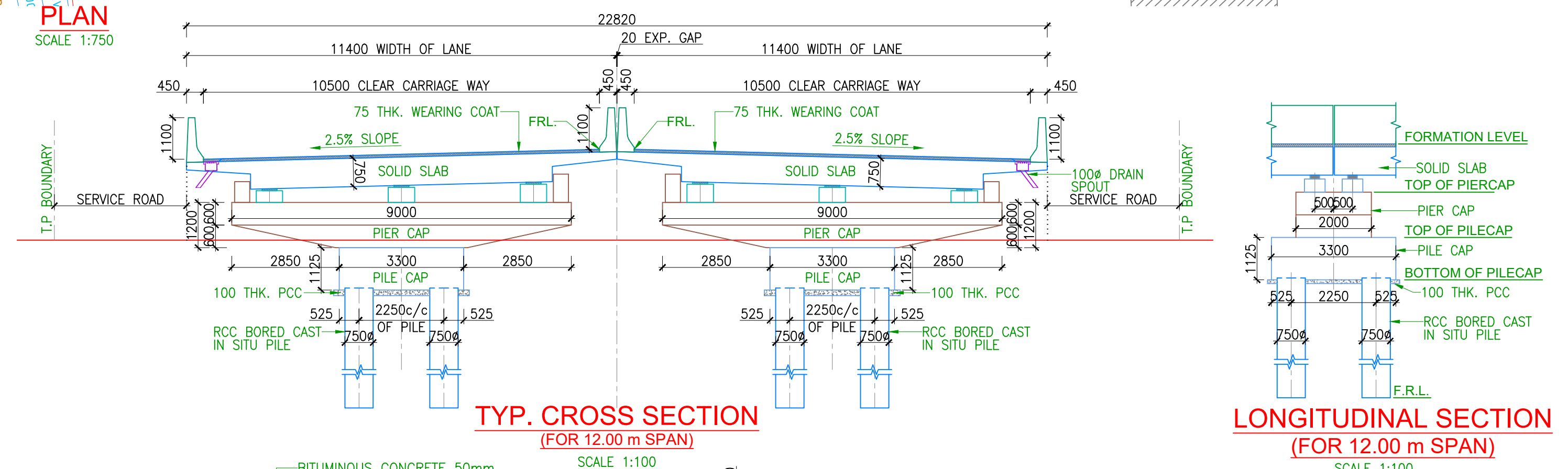
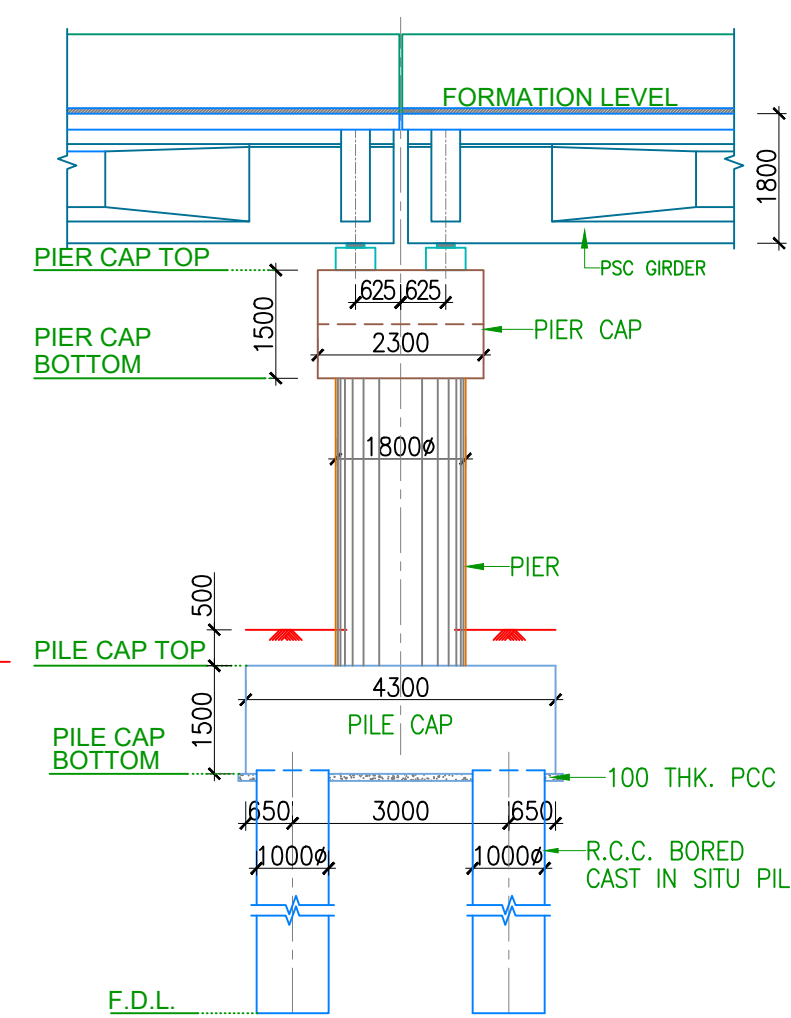
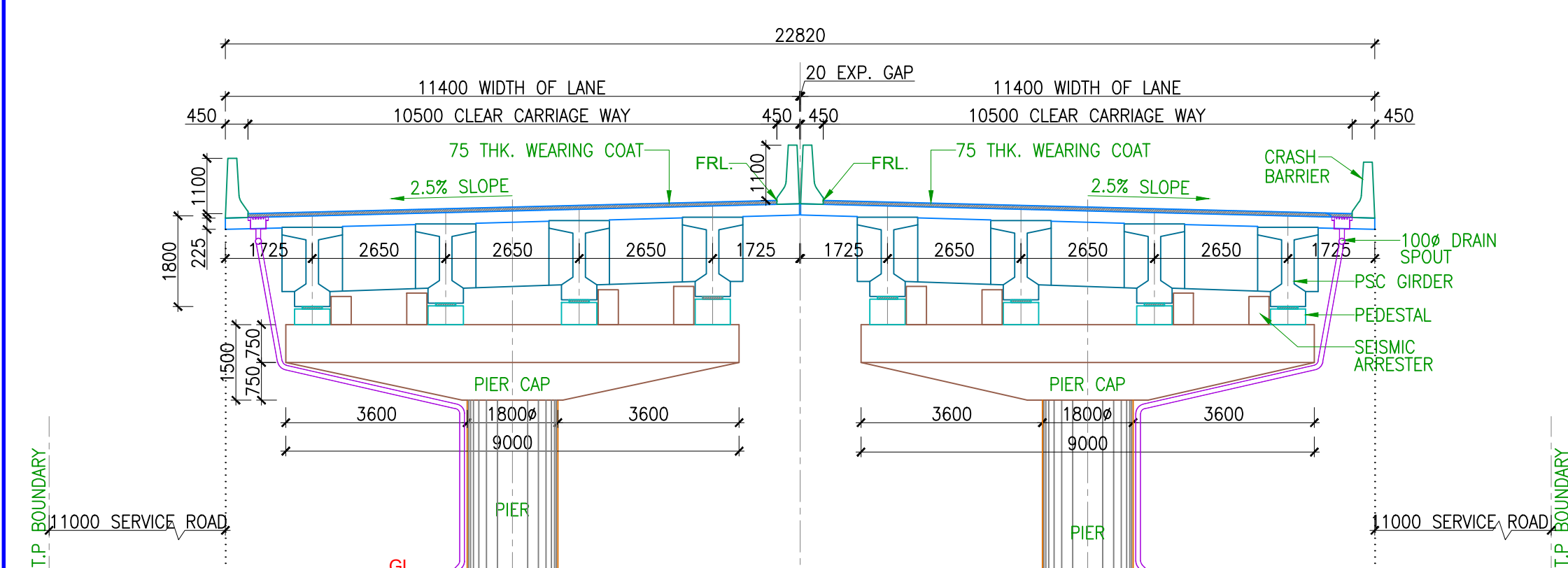
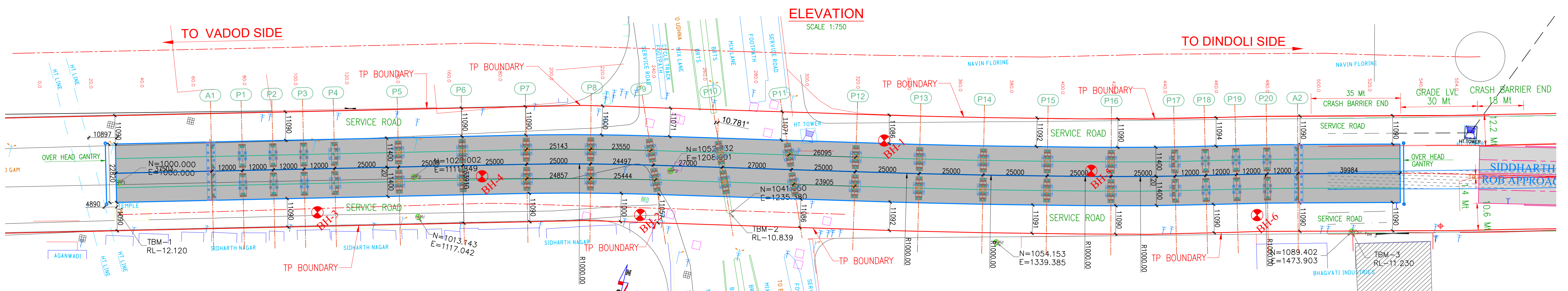
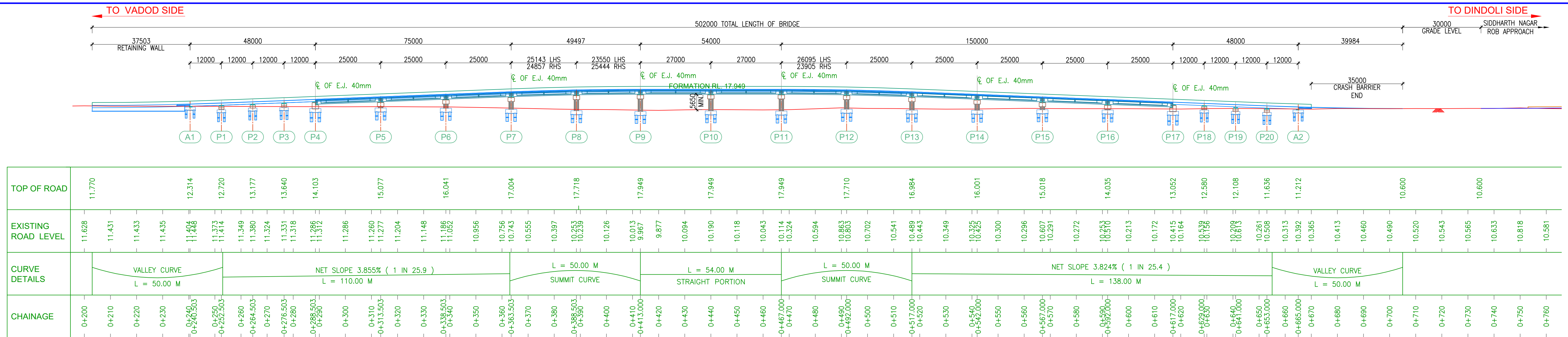
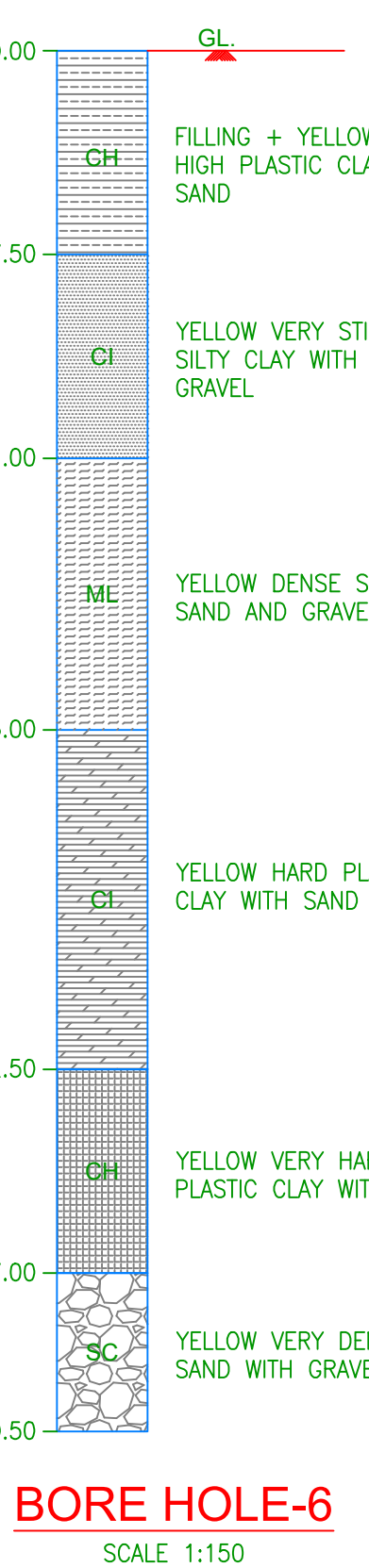
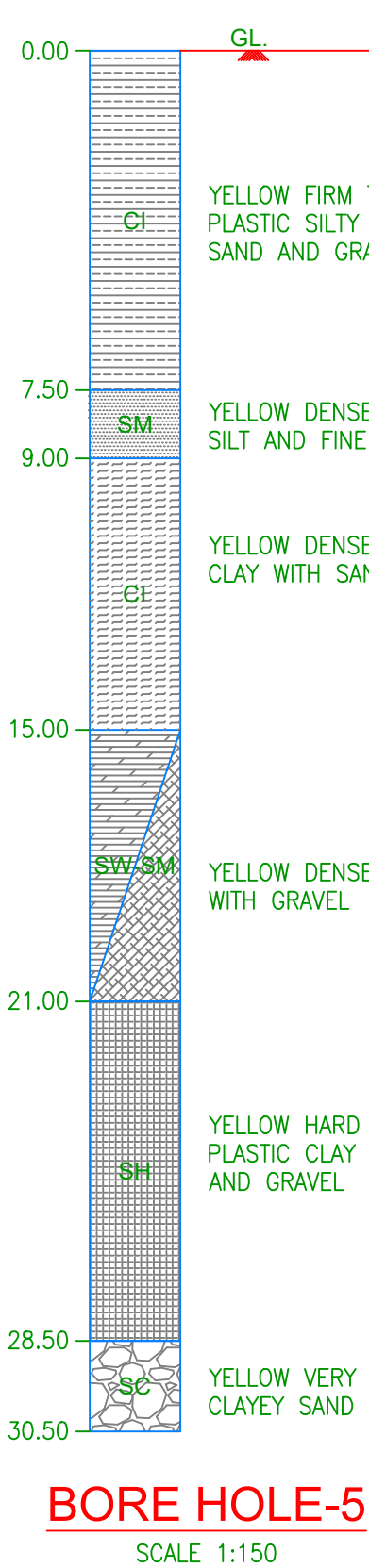
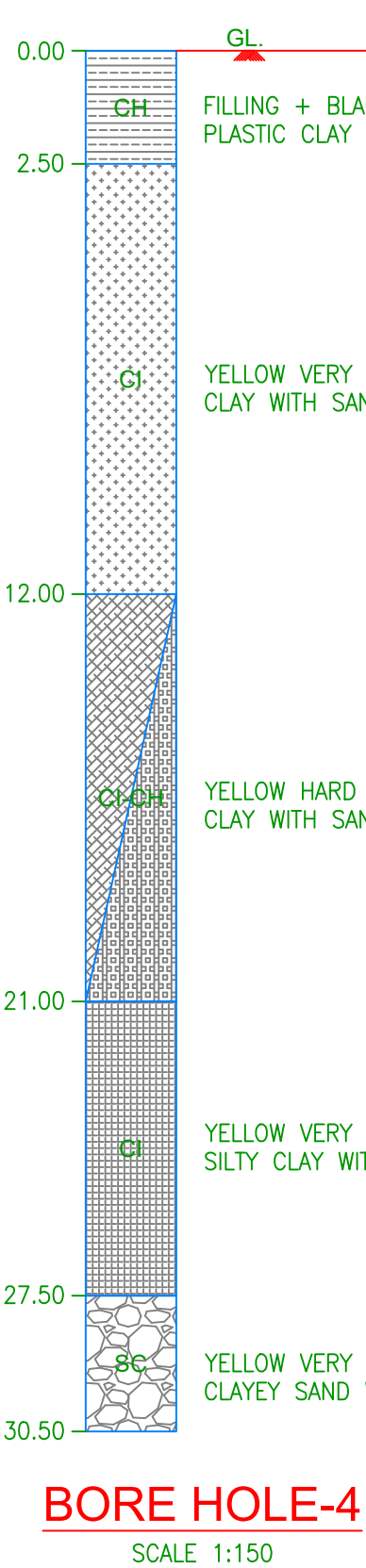
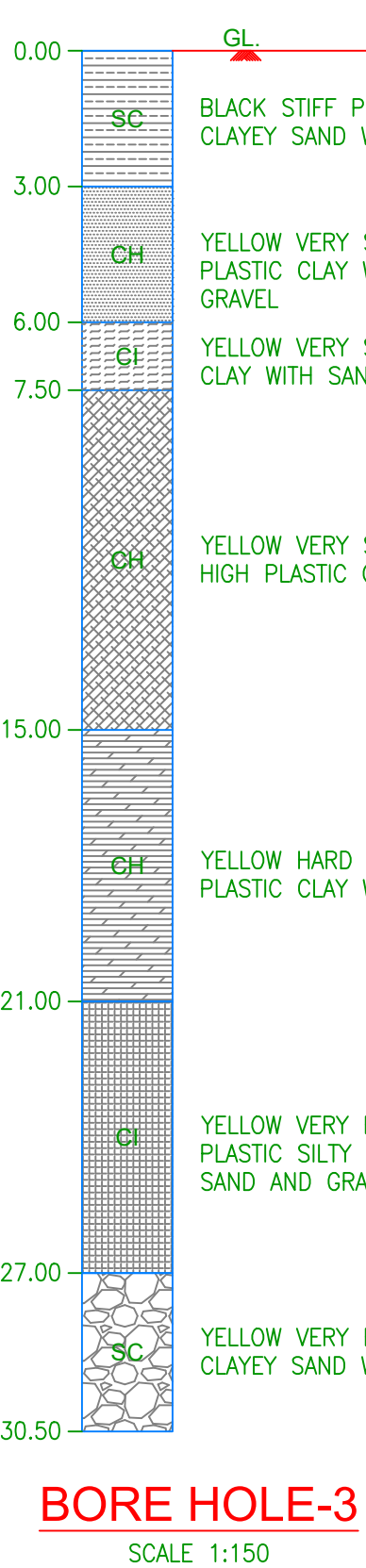
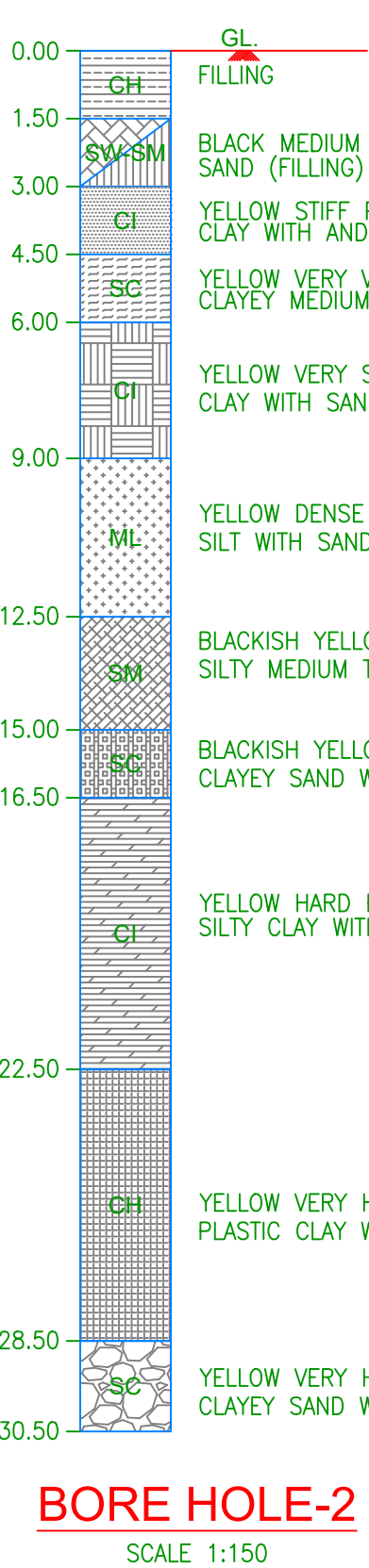
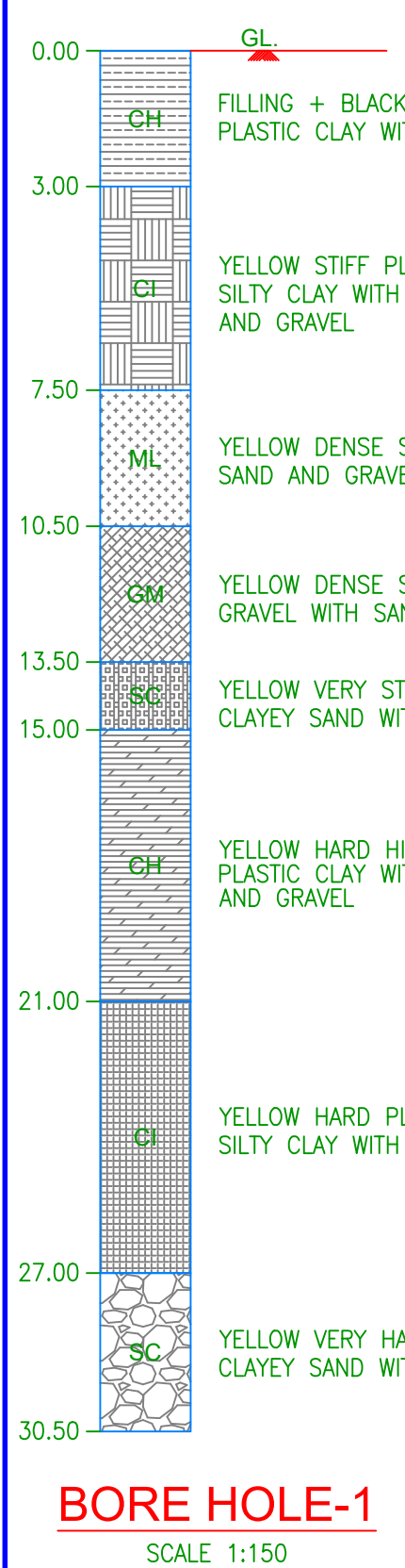




NOTES:-

1. ALL DIMENSIONS ARE IN mm AND LEVELS ARE IN METER. UNLESS OTHERWISE STATED IN DRAWING.
2. NO DIMENSIONS SHALL BE SCALED FROM THIS DRAWING. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED.
3. STRUCTURAL DETAILS AND DIMENSIONS SHOWN THIS DRAWING ARE TENTATIVE AND ANY UNIT AND ITS DIMENSIONS WILL BE AS PER DETAIL DESIGN AND DRAWING APPROVED BY THE DEPARTMENT.
4. DESIGN SHALL BE AS PER LATEST RELEVANT CODE OF IRC AND OTHER CODES AS APPROVED BY MOST.
5. THE BRIDGE SHALL BE DESIGNED FOR BELOW MENTIONED IRC LOADING: EACH THREE LANE BRIDGE SHALL BE DESIGNED FOR IRC CLASS A THREE LANE LOADS OR ONE LANE OF 70R WHEELED VEHICLES + CLASS A OR SPECIAL VEHICLE WHICHEVER IS SEVERE AND GOVERNING.
6. MIN. GRADE OF CONCRETE
7. P.C.C. M:15 P.S.D OR C M:45
8. FOUNDATION/PIER & C/S DECK SLAB/DIAPHRAGM M:40
9. SEISMIC ARRESTER M:35 CRASH BARRIER M:40
10. PEDESTAL M:40 R.C.C. SLOD SLAB M:40
11. RETAINING WALL M:35
12. REINFORCEMENT STEEL SHALL BE H.Y.S.D. FE 500D.
13. PRESTRESS STEEL SHALL BE HTS STRAND (LOW RELAXATION).
14. STRIP SEAL TYPE EXPANSION JOINT OF APPROVED QUALITY AS PER MOST SPECIFICATION TO BE PROVIDED IN DECK.
15. DRAINAGE SPOUT SHALL BE AS PER MOST STANDARD DRAINING SD-303
16. ELASTOMERIC BEARING SHALL CONFORM TO IRC-B3.
17. THE DEPTH OF FOUNDATION SHOWN IN DRAWING IS TENTATIVE. DETAILED DESIGN SHALL BE DONE AS PER SOIL EXPLORATION REPORT.
18. DESIGN SPEED = 65 KM/PH
19. WEARING COAT MINIMUM 75mm BITUMINOUS WEARING COAT WITH 50mm THICK DBM + 25mm THICK BC.
20. ALL R.C.C. WORK SHALL CONFORM TO IRC-S-2015, IRC-G-2017, IRC-R-74 AND IRC-112-2020.
21. SOIL TESTING HAS BEEN CARRIED OUT BY UNIQUE ENGINEER TESTING & ADVISORY SERVICES.
22. a) SOIL REPORT NO. : 2223134
23. b) DATE : 20-11-2022



PIER NO.	FRL	PIERCAP NO.	PIERCAP BOTOM/L	PIELCAP NO.	PIELCAP BOTOM/L	GROUND NO.	GROUND BOTOM/L	HEIGHT OF PIER
A1	12,314	10,965	8,940	10,965	9,804	11,448	11,448	—
P1	12,720	11,171	10,246	11,371	10,264	11,414	—	—
P2	13,177	11,828	10,628	10,928	9,803	11,380	—	—
P3	13,640	12,291	11,091	11,291	10,166	11,331	—	—
P4	14,103	11,704	10,204	10,800	9,900	11,286	—	—
P5	15,077	12,678	11,178	11,300	9,800	11,277	—	—
P6	16,041	13,642	12,142	10,842	9,324	11,186	1,300	—
P7	17,004	14,605	13,105	10,305	8,805	10,743	2,800	—
P8	17,718	15,319	13,819	9,819	8,319	10,253	4,000	—
P9	17,949	15,550	14,050	9,550	8,050	9,967	4,500	—
P10	17,949	15,550	14,050	9,700	8,200	10,190	4,350	—
P11	17,949	15,550	14,050	9,700	8,200	10,114	4,350	—
P12	17,710	15,311	13,811	10,361	8,861	10,803	3,450	—
P13	16,984	14,585	13,085	10,085	8,585	10,489	3,000	—
P14	16,001	13,602	12,102	10,002	8,502	10,425	2,100	—
P15	15,018	12,619	11,119	10,119	8,619	10,607	1,000	—
P16	14,035	11,636	10,136	10,300	8,800	10,510	—	—
P17	13,052	10,653	9,153	10,153	9,153	10,415	—	—
P18	12,580	11,231	10,031	10,231	9,130	10,539	—	—
P19	12,108	10,759	9,559	10,359	9,234	10,163	—	—
P20	11,636	10,287	9,162	10,287	9,162	10,508	—	—
A2	11,212	9,863	8,738	9,863	8,738	10,392	—	—

RT	09.02.2023	REVISED AS PER COMMENTS OF DESIGNS (R&B) CIRCLE, GANDHINAGAR		
NO.	DATE	REVISION		
PROJECT:	CONSTRUCTION OF FLYOVER AT NAVIN FLORION JUNCTION JOINING BHIMRAD AND DINDOLI CROSSING SURAT - NAVSARI ROAD IN SOUTH (UDHANA) ZONE, SURAT.			
CLIENT:	SURAT MUNICIPAL CORPORATION BRIDGE CELL, SURAT.			
CONTRACTOR:	SHREE MANGLAM BUILDCON (I) PVT. LTD., ANKLESHWAR.			
CONSULTANT:	SHAH ASSOCIATES TOPS, 10TH FLOOR, SAKAR-V, B/H. NATRAJ CINEMA, OFF. ASHRAM ROAD, AHMEDABAD- 380009. PHONE NO. 079-26585785, 098250 11314			
TITLE:	GENERAL ARRANGEMENT DRAWING			
DRAWN BY:	K. C. KOSHTI	DESIGN BY:	D. H. SHAH	
CHECKED BY:	D. H. SHAH	PROJ. NO.	DRG. NO.	REVISION
SCALE:	AS SHOWN	---	01	R0
DATE:	OCT - 2022			