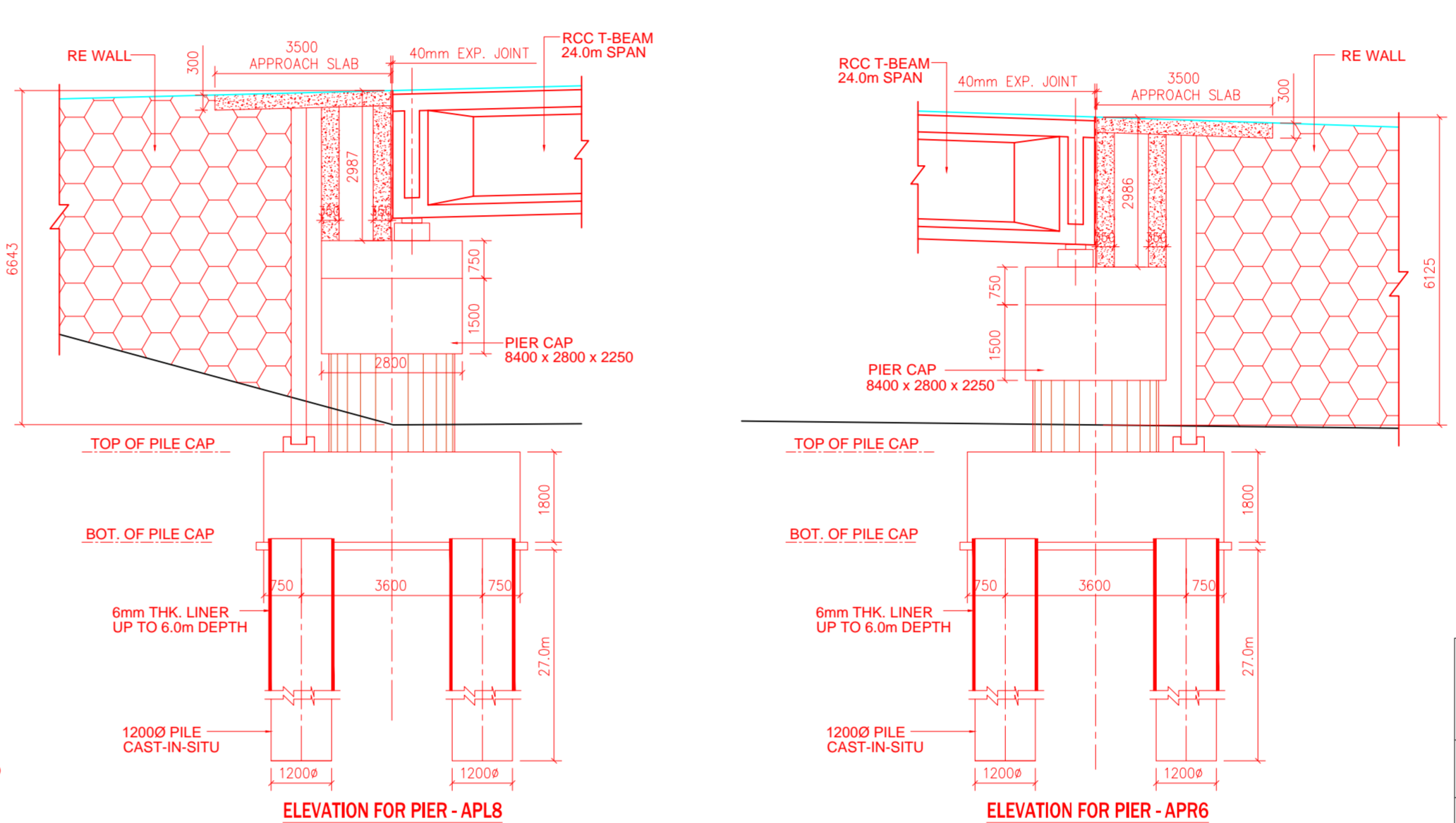
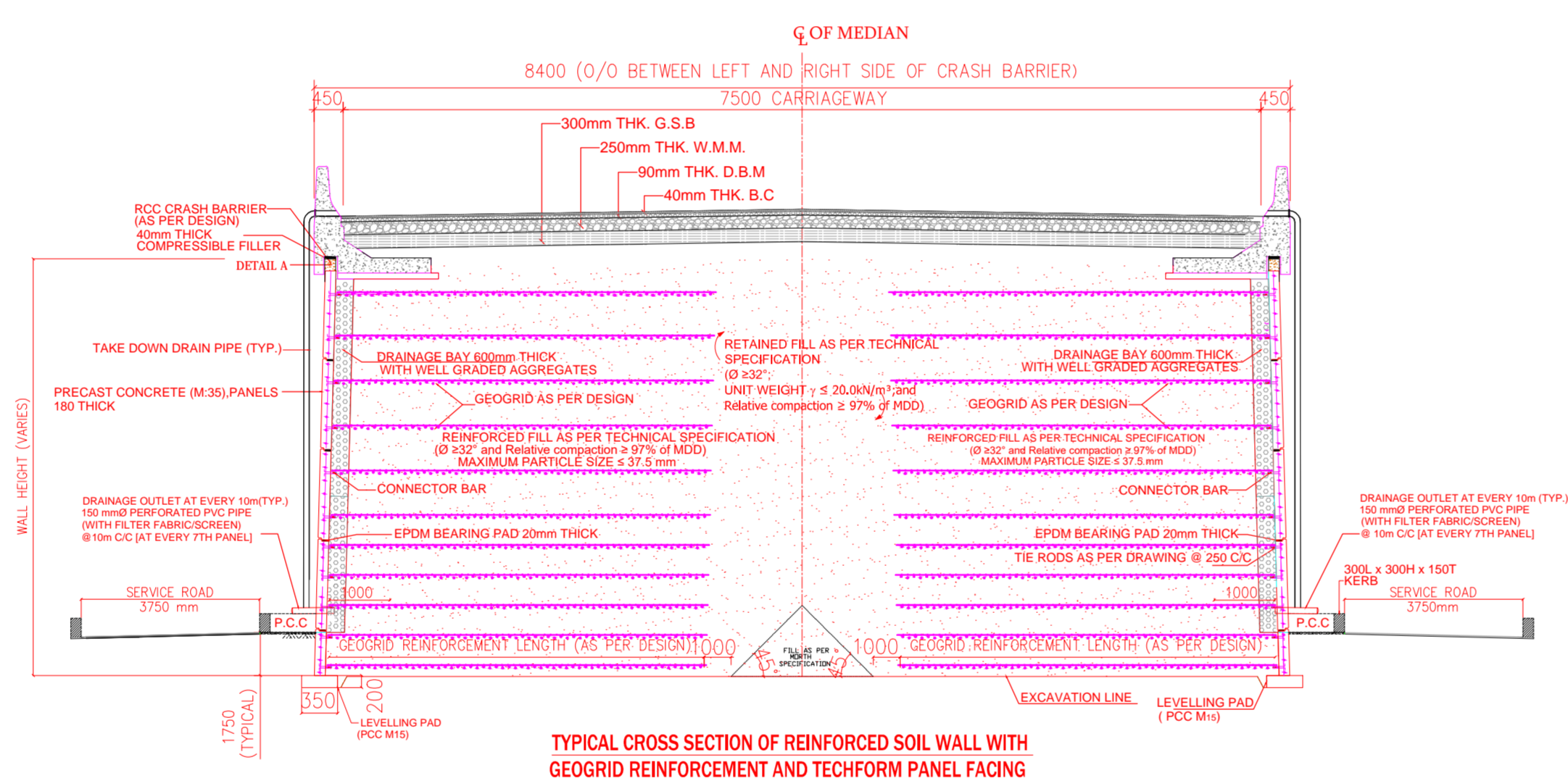
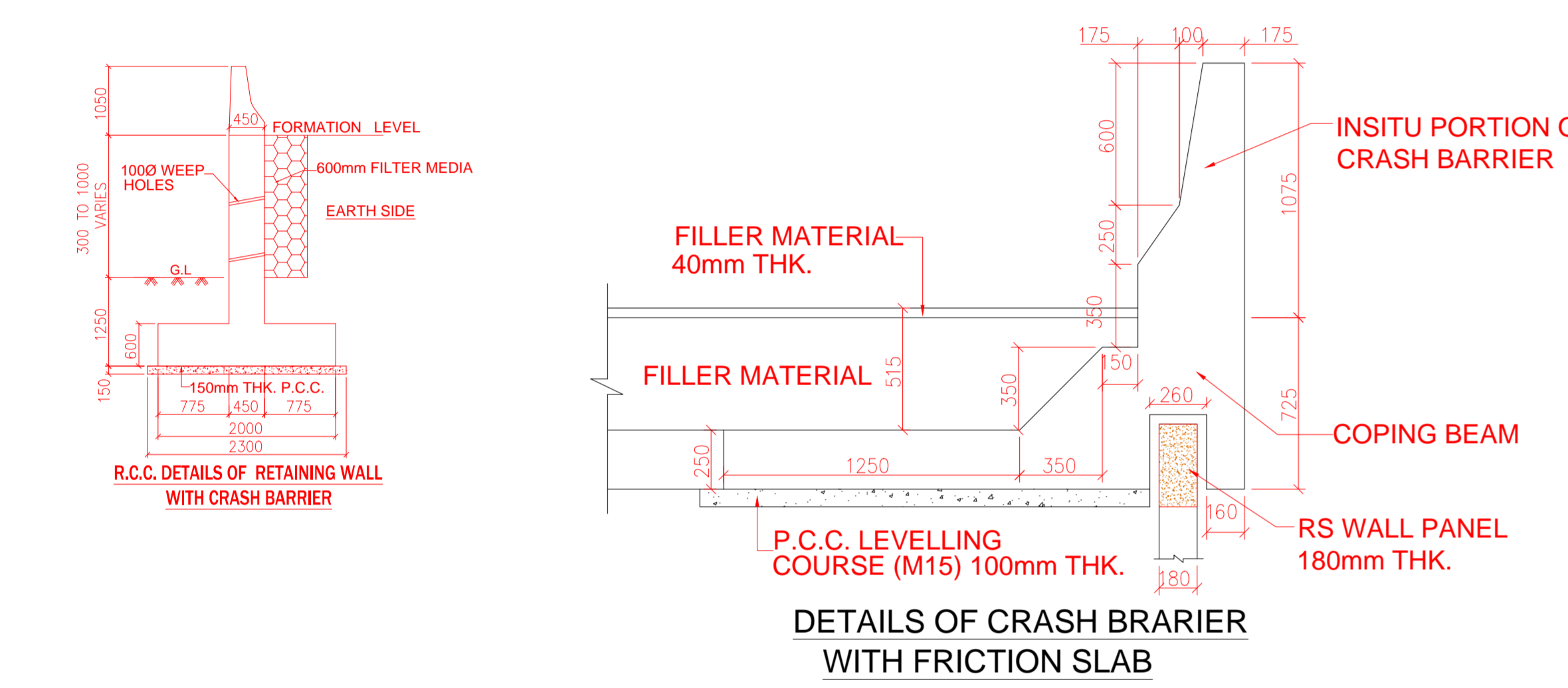


PROPOSED ROAD LEVEL AT CENTRELINE (m)	EXISTING ROAD LEVEL AT CENTRELINE (m)	CHAINAGE
102.147	102.147	0+000
101.810	101.810	0+000
101.486	101.486	0+020
101.986	101.394	0+040
102.094	101.473	0+060
102.209	101.737	0+080
102.380	102.082	0+100
102.611	102.490	0+120
102.903	102.828	0+140
103.257	103.171	0+160
103.672	103.665	0+180
104.148	104.013	0+200
104.648	104.154	0+220
105.148	104.391	0+240
105.648	104.577	0+260
106.148	104.657	0+280
106.648	104.438	0+300
107.148	103.432	0+320
107.648	103.455	0+340
108.148	103.543	0+360
108.648	101.844	0+380
109.148	101.969	0+400
109.648	102.095	0+420
110.136	102.220	0+440
110.552	102.346	0+460
110.989	102.471	0+480
111.147	101.865	0+500
111.326	101.635	0+520
111.425	101.915	0+540
111.448	103.541	0+560
111.448	101.206	0+580
111.448	100.785	0+600
111.448	101.973	0+620
111.448	102.459	0+640
111.448	102.652	0+660
111.448	102.742	0+680
111.416	102.784	0+700
111.276	102.844	0+720
111.025	102.992	0+740
110.864	103.014	0+760
110.196	102.791	0+780
109.696	103.002	0+800
109.196	103.102	0+820
108.696	103.067	0+840
108.196	103.118	0+860
107.696	103.093	0+880
107.196	103.094	0+900
106.696	103.098	0+920
106.196	102.957	0+940
105.696	102.862	0+960
105.196	102.781	0+980
104.696	102.652	1+000
104.196	102.474	1+020

- NOTE: BRIDGE PORTION**
- THE DIMENSIONS SECTIONAL DETAILS IS TENTATIVE AND MAY BE CHANGED TO SUIT DESIGN REQUIREMENT AND SITE CONDITIONS.
 - DIAMETER DEPTH & NUMBER OF PILES ARE TENTATIVE AND MAY BE CHANGED AS PER DESIGN.
 - TEST PILE SHALL BE LOAD TESTED BEFORE CASTING OF OTHER MAIN PILES.
 - STRIP SEAL TYPE EXPANSION JOINTS MORTH 1.R.C & 1.S SPECIFICATION SHALL BE USED.
 - ALL OTHER SPECIFICATIONS SHALL BE AS PER MORTH & IRC SPECIFICATION FOR ROAD & BRIDGES.
 - CONCRETE GRADE
 - LEVELLING COURSE M-15
 - PIER, PIER CAP, PILE, PILE CAP, SEISMIC ARRESTER M-35
 - PIEDRAL CRASH BARRIER M-40
 - RETAINING WALL M-30
 - RCC SUPER STRUCTURE M-35
 - REINFORCEMENT: Fe-500(TMT) CONFORMING TO IS 1786-2008
 - CLEAR COVER FOR REINFORCEMENT AS FOLLOWS:
 - PILE: 75mm
 - PIER CAP: 75mm
 - PIER, PIER CAP: 50mm
 - CRASH BARRIER SHALL BE AS PER MORTH & IRC STANDARD.
 - THE STRUCTURE WILL BE DESIGNED AS PER LATEST IRC / IS SPECIFICATIONS FOR MODERATE CONDITION EXPOSURE.
 - ALL THE SETTING OUT DIMENSIONS AND REDUCED LEVEL ETC. SHALL BE VERIFIED AT SITE BEFORE STARTING THE WORK.
 - DESIGN LOADING: ONE LANE OF 70R OR TWO LANE OF CLASS A LOADING
 - PROPER PROTECTION MEASURES SHALL BE TAKEN WHILE EXECUTING THE WORK NEAR THE RAILWAY TRACK.
 - SAFETY WORK SHOULD BE PROVIDED LIKE PROTECTIVE SCREENS, EARTHING, CAUTION BOARD ETC.
 - CHECK & VERIFIED THE ALIGNMENT BEFORE STARTING EXECUTION WORK.
 - BED LEVEL, F.R.L. SHOULD BE VERIFIED BEFORE EXECUTION.
 - THE APPROACHES WORK SHOULD BE DONE WITH MOST SPECIFICATION.
 - SHAPE AND SIZE OF PIER, PIER CAP, BEARING SHOWN IN THIS DRG. TENTATIVE, AND ARE SUBJECT TO CHANGE IN FINAL DESIGN & DRAWING.
 - EXCAVATION OR ROB WORK SHALL BE DONE ONLY IN PRESENCE OF AUTHORIZED RAILWAY REPRESENTATIVE TO ENSURE THE SAFETY OF RUNNING TRAIN PROPER PRECAUTION SHALL BE TAKEN DURING EXCAVATION OF FOUNDATION NEAR THE TRACK PROPER SHORING SHALL BE DONE TO PROTECT SLOPE FAILURE OF SOIL.
 - 6mm THK. LINER PROVIDED UP TO 6.0m DEPTH.



	APPROACH PORTION (TO MOTALLIAPORE)	RAILWAY PORTION	APPROACH PORTION (TO NH : 8)
SKUEW ANGLE	-	3.20°	-
NO OF SPAN	8 x 24mtr.	2 x 37.280m	6 x 24mtr.
RE WALL LENGTH	131.851m	-	145.070m
MAX. RE WALL HEIGHT ABOVE G.L.	6.643m	-	6.125m
RETAINING WALL LENGTH	110.706m	-	28.283m
KERB STONE	107.568m	-	37.560m
TOTAL LENGTH OF APPROACH	542.124m	-	354.914m
TOTAL LENGTH OF RAILWAY	-	74.560m	-

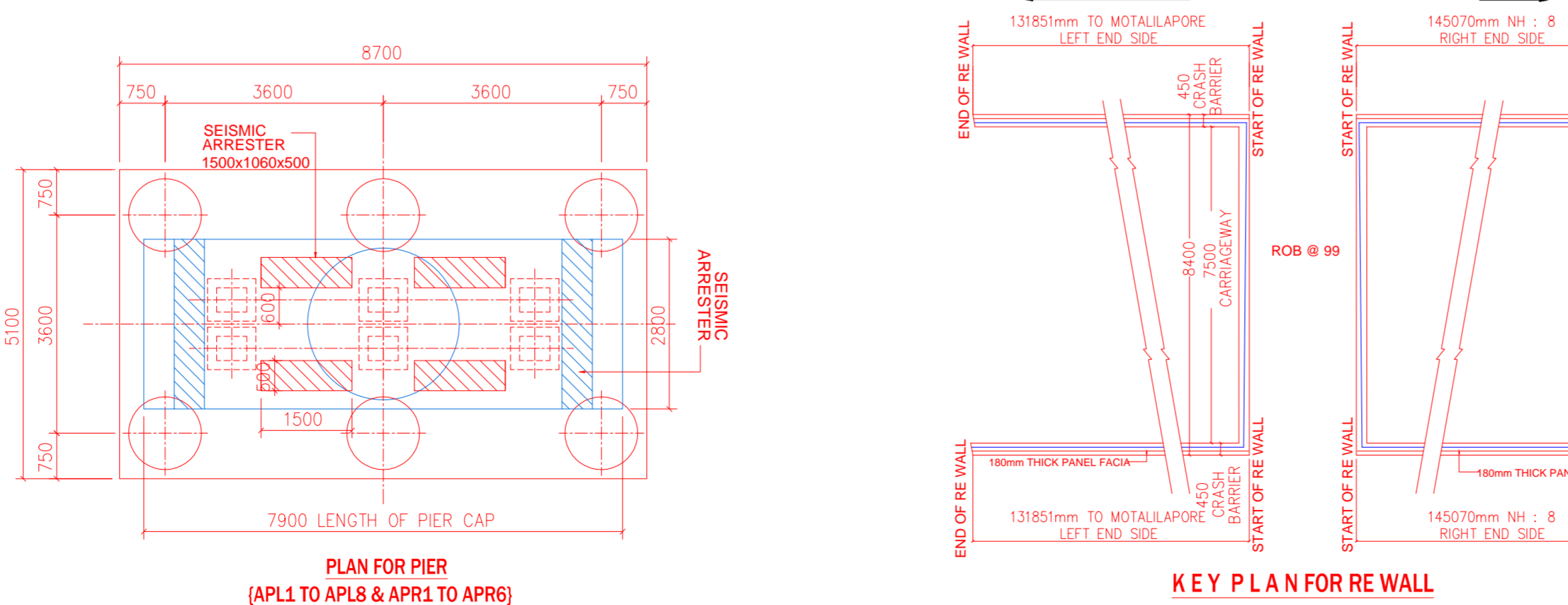
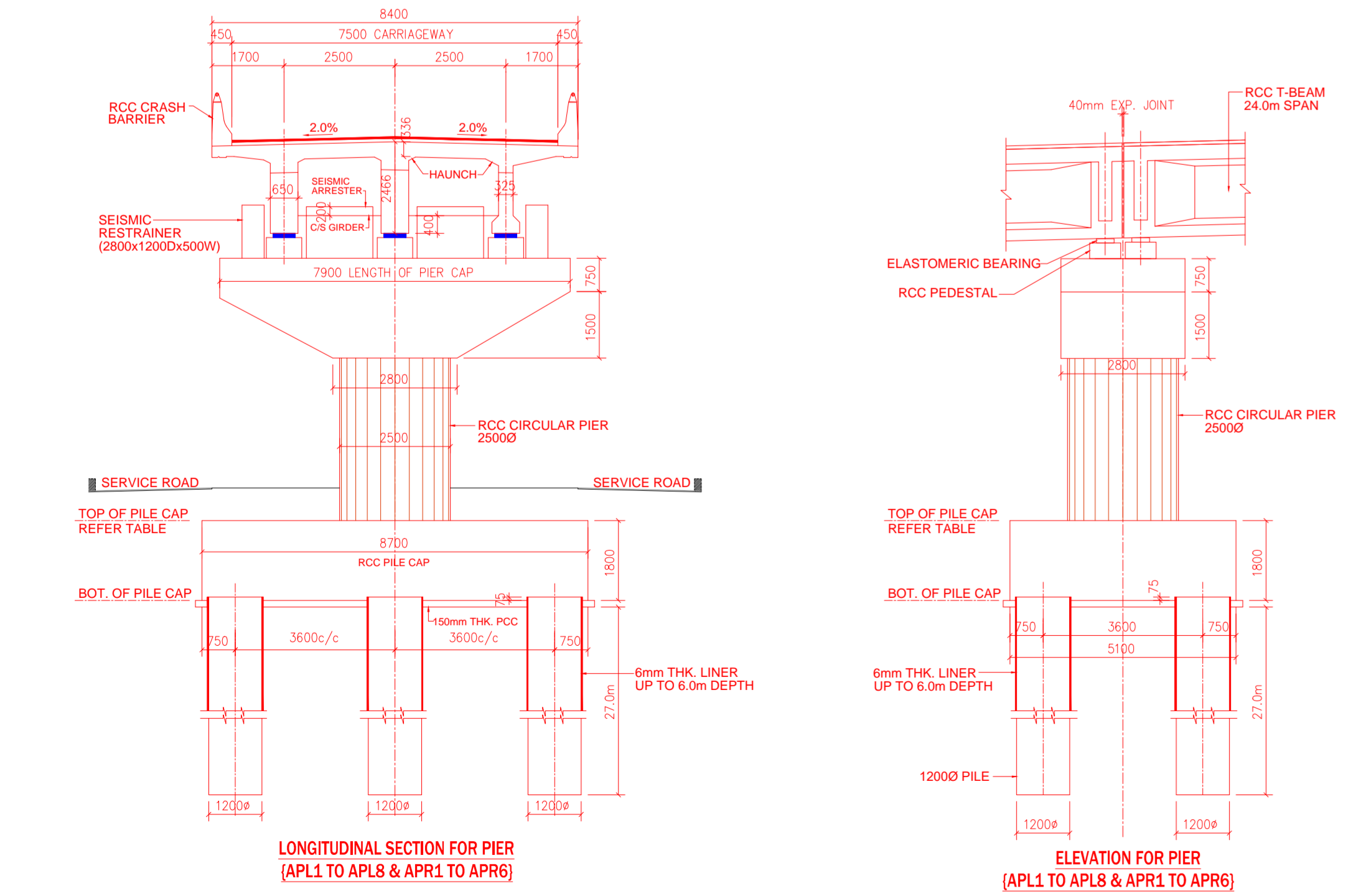


TABLE (TO MOTALLIAPORE)

LOCATION	TOP OF PIER CAP	BED LEVEL	TOP OF PILE CAP	BOTTOM OF PILE CAP
APL1	108.412	101.913	101.044	99.244
APL2	108.266	101.544	101.044	99.244
APL3	108.020	102.057	101.557	99.757
APL4	107.658	102.395	101.557	99.757
APL5	107.199	102.244	101.557	99.757
APL6	106.635	102.093	101.557	99.757
APL7	106.035	101.943	101.044	99.244
APL8	105.455	101.799	101.044	99.244

TABLE (TO NH : 8)

LOCATION	TOP OF PIER CAP	BED LEVEL	TOP OF PILE CAP	BOTTOM OF PILE CAP
APR1	108.451	102.822	102.214	100.414
APR2	108.319	102.714	102.214	100.414
APR3	107.977	102.815	102.214	100.414
APR4	107.424	102.957	102.214	100.414
APR5	106.678	103.019	102.214	100.414
APR6	105.905	102.765	102.214	100.414

NOTE:- 1. ALL DIMENSIONS ARE IN MM UNLESS & LEVELS ARE IN METER.

CLIENT:- DEDICATED FREIGHT CORRIDOR CORPORATION OF INDIA LTD, MUMBAI DIVISION.

TITLE:- ELEVATION & CROSS SECTION DETAIL FOR LC - 99 (FOR APPROACH PORTION)

LOCATION:- BETWEEN BLOCK STATION VALSAD TO DUNGRI
NAME OF ROAD : MOTALLIAPORE TO VEJALPUR

SURVEY AGENCY :- (A Division of GEO DESIGNS AND RESEARCH PVT LTD)
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OPP. B.I.D.C. GORWA ESTATE,
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E-Mail geo_group@yahoo.com

GEO TEST HOUSE
An ISO 9001-2000 Company

PREPARED BY	KETAN KHARWA (SR. ENGINEER)	DRG NO.	GTH_GAD_02Rev.
DESIGNED BY	ASEEF SHEIKH (SR. ENGINEER)	DATE	04/07/2019
CHECKED BY	MEHUL PATEL (DESIGN ENGINEER)	JOB NO.	2019_20_101