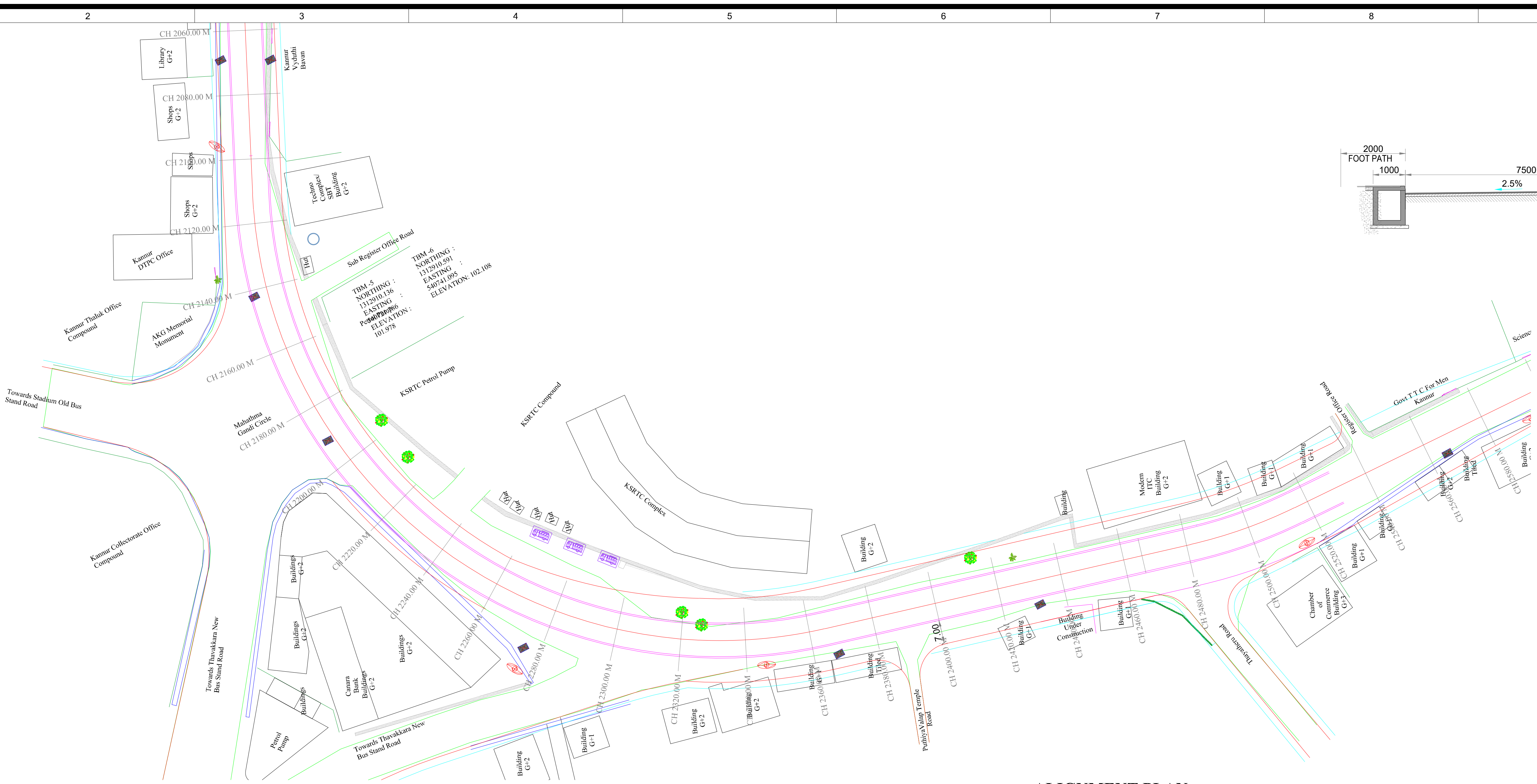
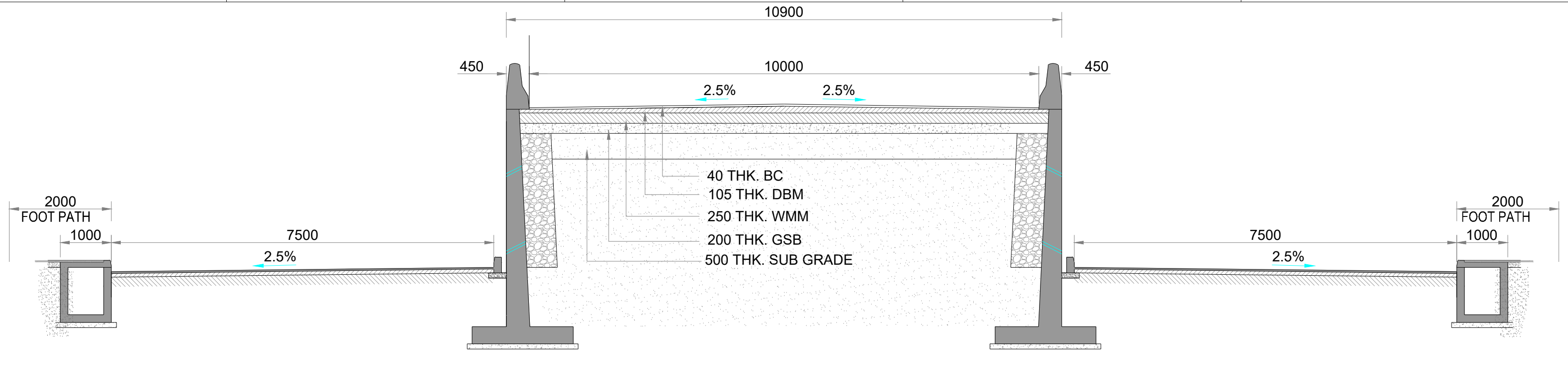
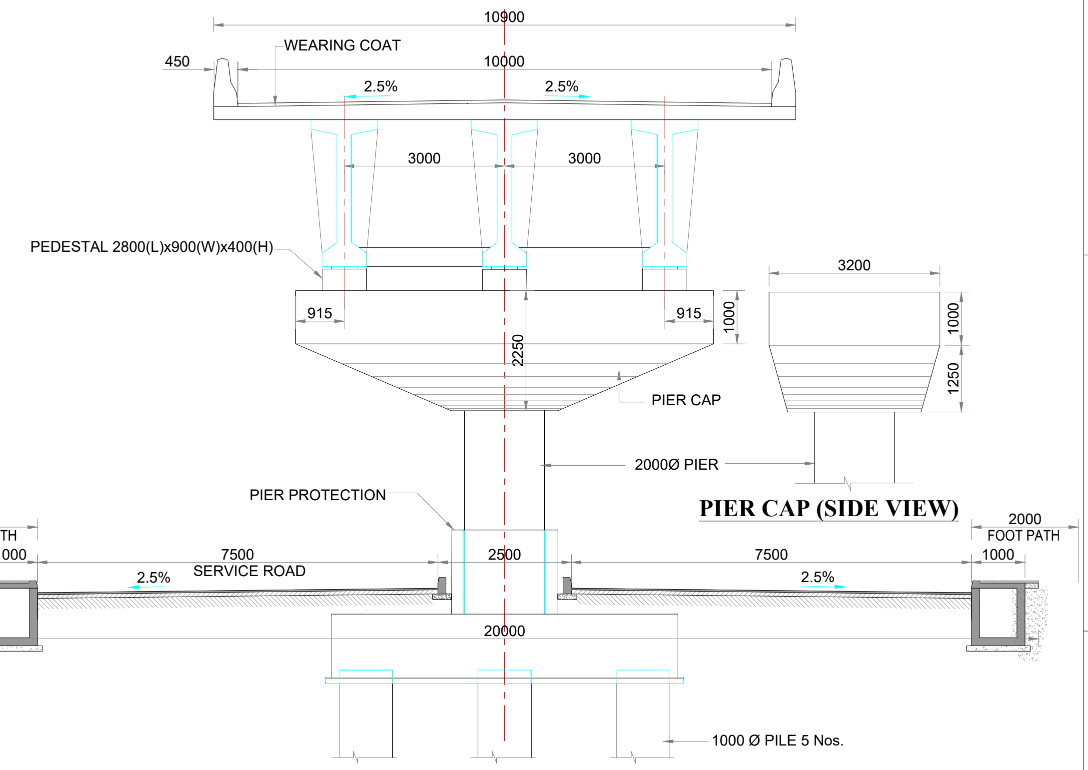


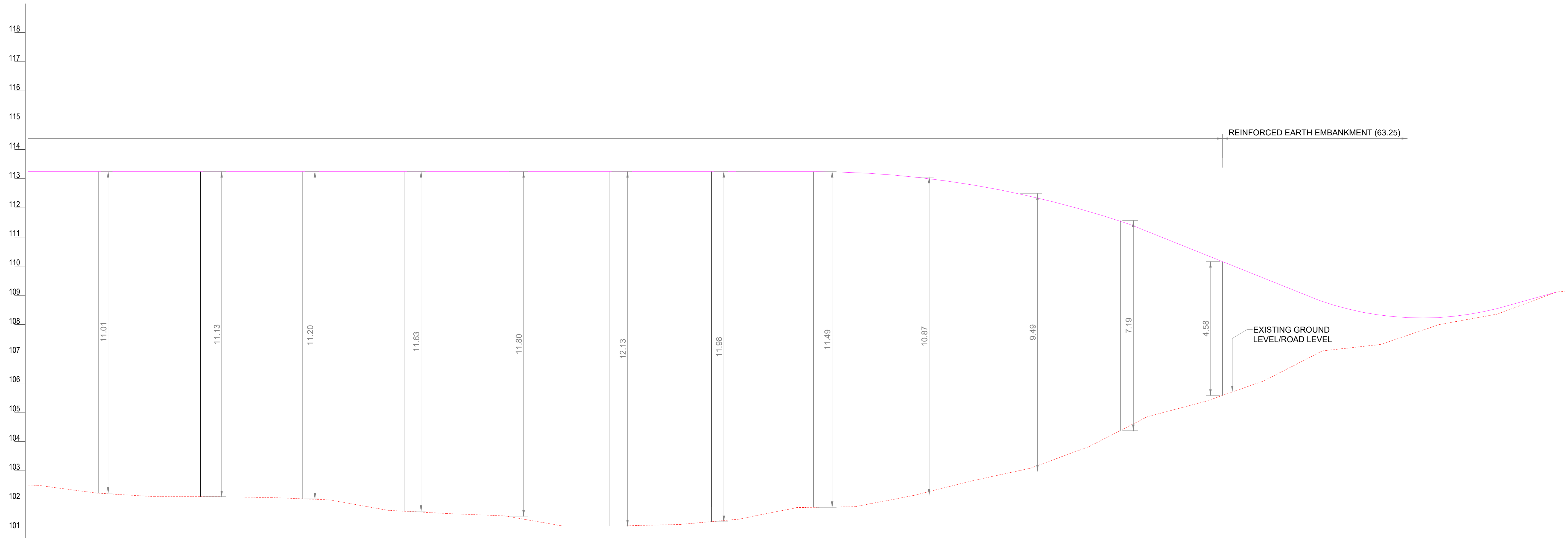
ALIGNMENT PLAN



TYPICAL CROSS SECTION AT APPROACH (RETAINING WALL PORTION)



TYPICAL CROSS SECTION AT APPROACH (TRESTLE) PORTION



HORIZONTAL ALIGNMENT: R=150 L =254.03 | D=116.512 | R=150 L =33.41

VERTICAL ALIGNMENT: L =108 | G =-3.30% | L =60 | G =+2.77%

DISTANCE IN METERS	PROPOSED ROAD LEVEL	EXISTING ROAD /GROUND LEVEL
2060.0000	113.24	102.5000
2080.0000	113.24	102.2360
2100.0000	113.24	102.1100
2120.0000	113.24	102.1120
2140.0000	113.24	102.0820
2160.0000	113.24	102.137
2180.0000	113.24	101.6430
2200.0000	113.24	101.5360
2220.0000	113.24	101.4520
2240.0000	113.24	101.1040
2260.0000	113.24	101.1090
2280.0000	113.24	101.1610
2300.0000	113.24	101.3390
2320.0000	113.24	101.7370
2340.0000	113.20	101.7680
2360.0000	113.05	102.760
2380.0000	113.78	102.6520
2400.0000	112.39	102.7560
2420.0000	111.87	103.8210
2440.0000	111.18	104.8460
2460.0000	110.38	105.3740
2480.0000	109.58	106.0760
2500.0000	108.78	107.1000
2520.0000	108.16	107.3230
2540.0000	108.10	107.850
2560.0000	108.55	108.3620
2580.0000	109.10	109.1090

LONGITUDINAL PROFILE

LEGEND

- EXISTING ROAD
- PROPOSED FLYOVER (10.90m WIDE)
- SERVICE ROAD/DIVERTION ROAD (7.50m WIDE)
- PROPOSED DRAIN CUM FOOT PATH (2.00m WIDE)
- MEDIAN

CENTER LINE CO ORDINATES

CHAINAGE	X CO ORDINATE	Y CO ORDINATE
1440	540700.2406	1313585.0408
1500	540715.9669	1313527.1384
1600	540742.1774	1313430.6345
1700	540768.3878	1313334.1305
1800	540789.8801	1313235.9273
1900	540786.8674	1313136.9505
2000	540749.2821	1313023.4711
2100	540707.2636	1312932.7336
2200	540699.5862	1312854.1184
2300	540748.5792	1312769.2092
2400	540839.6617	1312730.6878
2500	540936.6634	1312706.5543

NOTE:-
1. ALL DIMENSIONS AND LEVELS ARE IN METERS
2. ONLY WRITTEN DIMENSIONS SHOULD BE FOLLOWED

MANAGER (RBDCK) | DGM (RBDCK) | GM (RBDCK)

MANAGING DIRECTOR

SL.No.	PARTICULARS	INITIAL	DATE
2	ALIGNMENT REVISED		05.10.20
1	FLYOVER LENGTH REDUCED		02.01.18

REVISION

DESIGNED	
CHECKED	
DRAWN	Hari
CHECKED	
APPROVED	
SCALE	1 : 1000
UNIT	m.
DATE	31.01.2019

This drawing is the property of KITCO Ltd. and is to be used only for the purpose for which it was lent and must not be in any way detrimental to the interest of the company and is subject to return on demand

CLIENT: RBDCK Ltd. (AGovernment of Kerala Undertaking) M.V.ROAD, PALARIVATTOM, KOCHI-682 025

CONSULTANT: KITCO the consultants — KITCO Ltd. (Estd. in 1972 by IDBI & Govt. of Kerala) PUTHIYA ROAD - NH BYPASS, KOCHI - 28

PROJECT: PREPARATION OF DPR FOR FLYOVER

TITLE: ALIGNMENT PLAN AND LONGITUDINAL PROFILE FLYOVER AT KANNUR - SOUTH BAZAR

DRG NO: DP 858 DRG CL 17 001 | REV. 2 | SHEET NO: 2 OF 2

\\192.168.1.6\Ongoing\DWGS\858 RBDCK DPR\CIVIL\17 KANNUR\APPROVAL\First Reach 35M span R2.dwg - Oct. 06, 2020