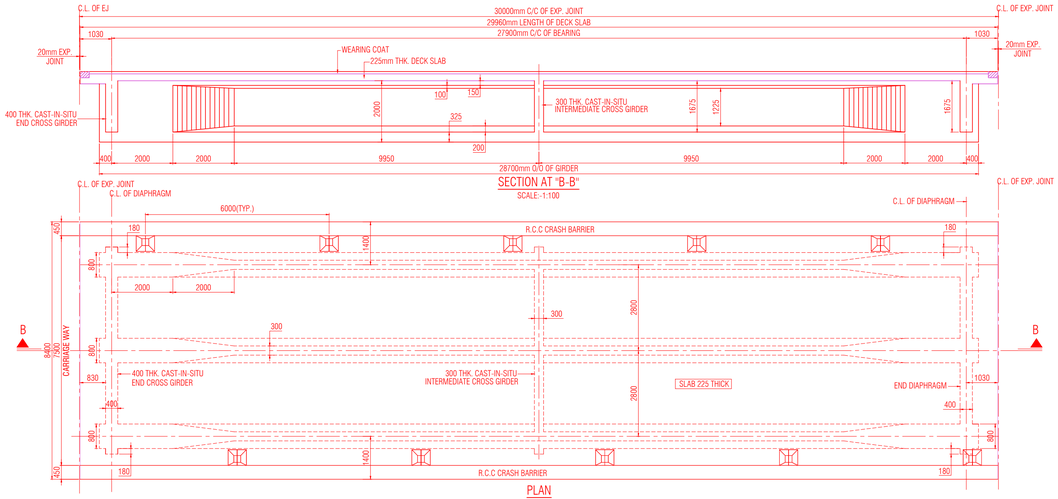
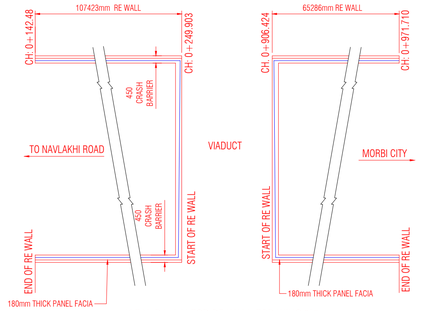
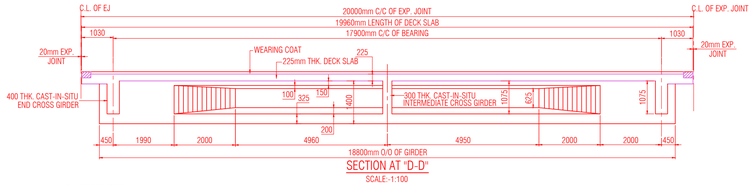


SECTION AT "B-B"
SCALE:-1:100

PLAN
30mt. SUPER STRUCTURE (STRAIGHT PORTION)
SCALE:-1:100



KEY PLAN FOR RE WALL FOR WING "A"
N.T.S



SECTION AT "D-D"
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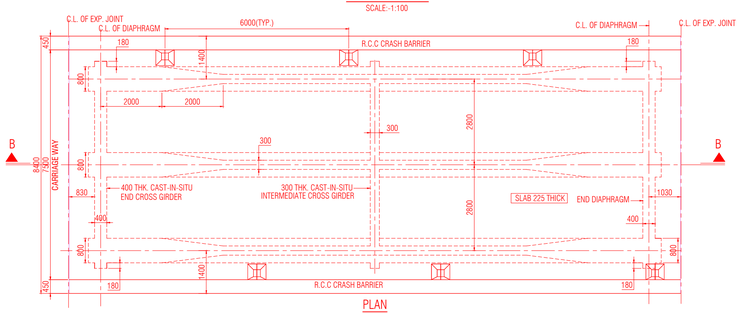
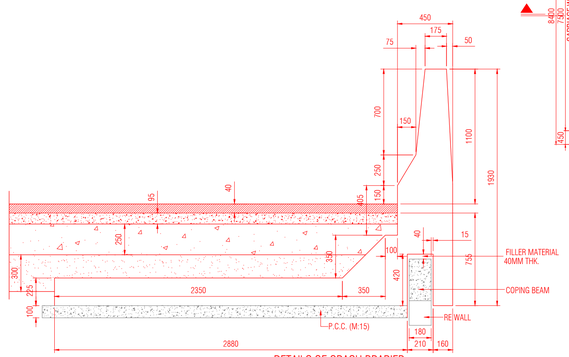
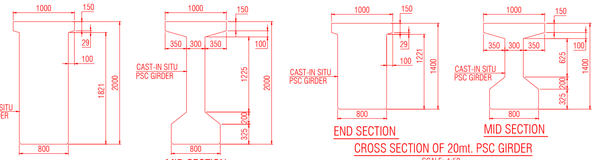


PLAN
20mt. SUPER STRUCTURE
SCALE:-1:100

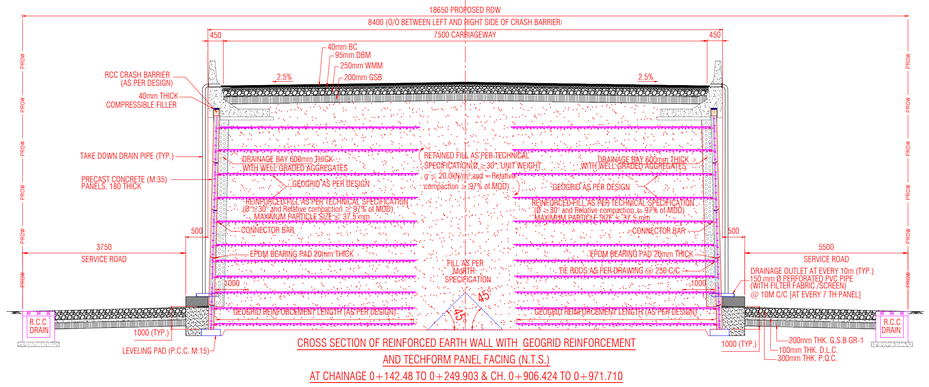


DETAILS OF CRASH BRARIER WITH FRICTION SLAB
SCALE:-1:25

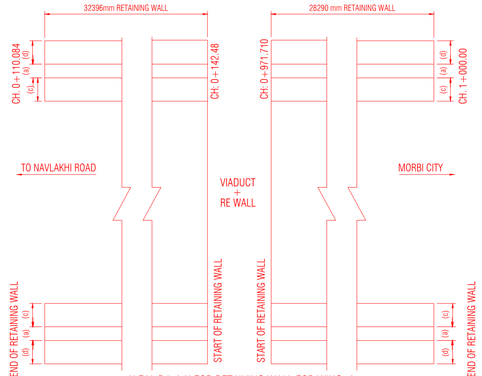


CROSS SECTION OF 20mt. PSC GIRDER
SCALE:-1:50

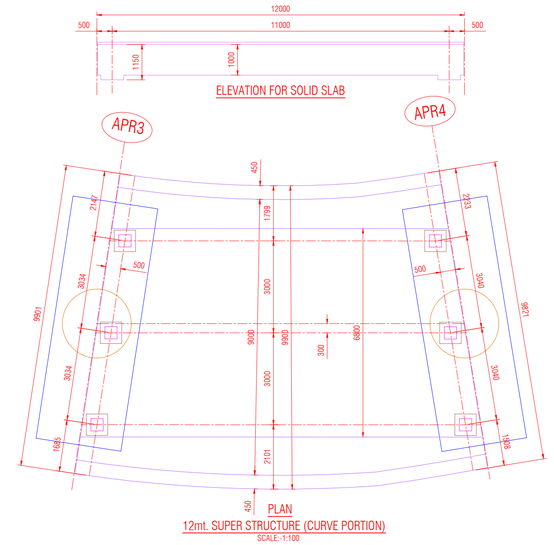
CROSS SECTION OF 30mt. PSC GIRDER
SCALE:-1:50



CROSS SECTION OF REINFORCED EARTH WALL WITH GEOGRID REINFORCEMENT AND TECHFORM PANEL FACING (N.T.S.)
AT CHAINAGE 0+142.48 TO 0+249.903 & CH. 0+906.424 TO 0+971.710

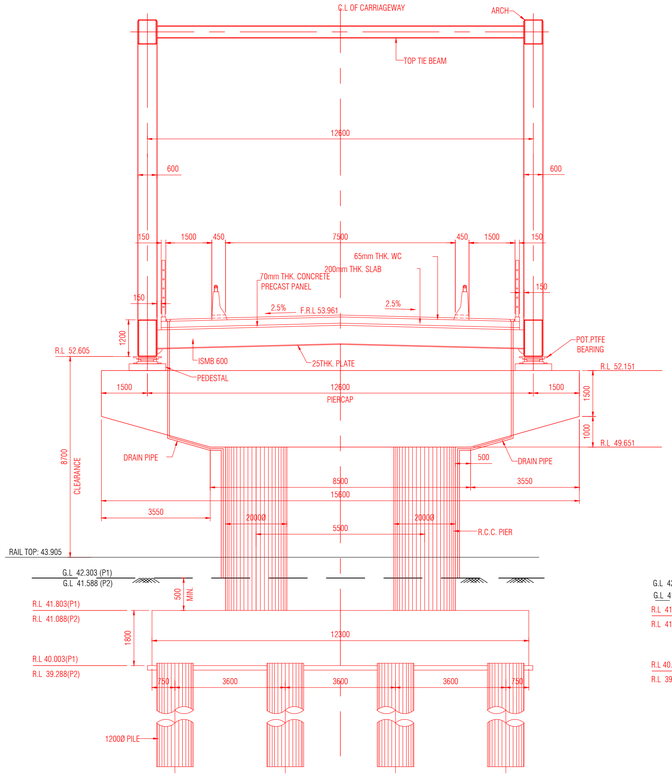


KEY PLAN FOR RETAINING WALL FOR WING "A"
N.T.S

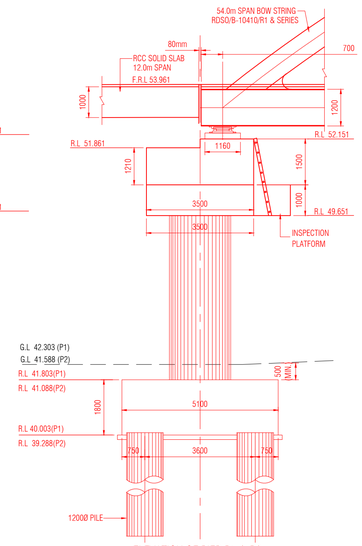


ELEVATION FOR SOLID SLAB

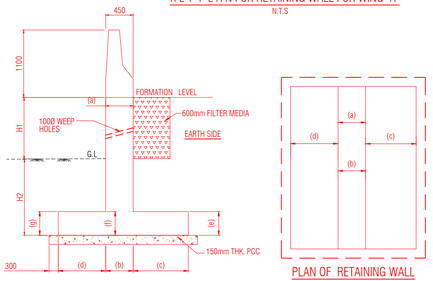
PLAN
12mt. SUPER STRUCTURE (CURVE PORTION)
SCALE:-1:100



LONGITUDINAL SECTION OF PIER P1
54.0 m SPAN BOW STRING GIRDER



ELEVATION OF PIER P1 & P2



DETAIL OF RETAINING WALL
WITH CRASH BARRIER AT BOTH SIDE

SECTION OF DRAIN
SCALE:-1:30

SECTION OF KERB STONE
SCALE:-1:20

CLIENT:-	GUJARAT URBAN DEVELOPMENT COMPANY LIMITED (GUDCL), GANDHINAGAR
NAME OF WORK:-	CONSTRUCTION OF PROP.TWO LANE ROB IN LIEU OF LC NO 34B AT RLY. KM 29/4-29/5 BETWEEN MORBI - NAVLAKHI STATION ON WKT- NLK SECTION ON MORBI - NAVLAKHI ROAD. UNDER SWARNIM JAYANTI MUKHYA MANTRI SAHERI VIKAS YOJANA. GENERAL ARRANGEMENT DRAWING
TITLE:-	CROSS SECTION DETAIL FOR ROB IN LIEU OF LC NO:-34B
LOCATION:-	BETWEEN BLOCK STATION : MORBI - BARVARA NAME OF ROAD : MORBI - NAVLAKHI ROAD

CONSULTANT :-
GEO DESIGNS & RESEARCH (P) LTD.
B/10, KRISHNA INDUSTRIAL ESTATE, OPP. B.I.D.C. GORWA ESTATE, VADODARA - 390 016
TELEFAX : 91-265-2290222,2283081
E-Mail : geo_group@yahoo.com
Web Site : www.geogroup.in

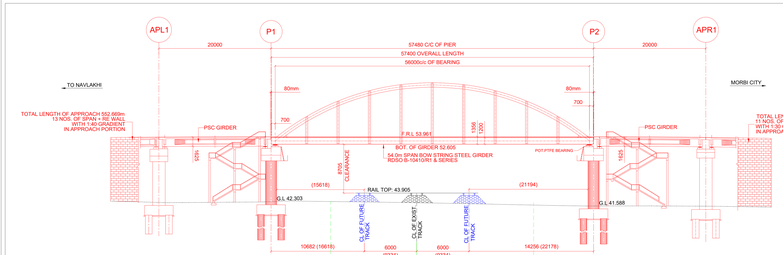
PREPARED BY	TARIQ (CAD.ENGINEER)	DRG NO.	GDBE_2021-22_011/LC-34B/GAD/03 OF 03 Rev.
DESIGNED BY	FAKHRUDDIN DHILAWALA (Sr.ENGINEER)	DATE	08-06-2026
CHECKED BY	MEHUL PATEL (DESIGN DIRECTOR)	JOB NO.	2021_22_011

CONSULTANT

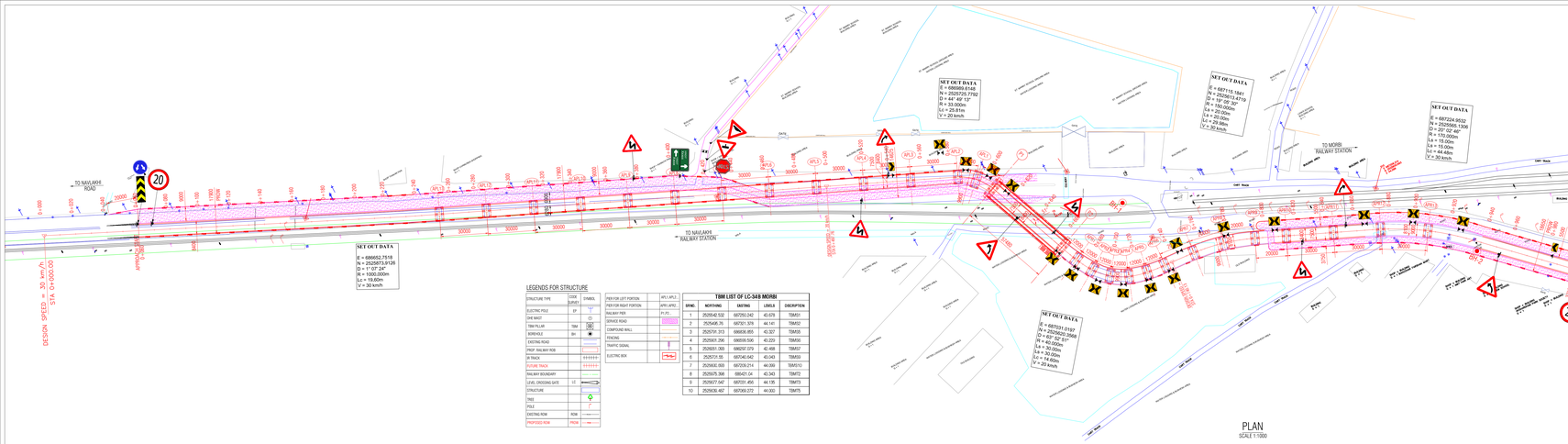
SUPERINTENDING ENGINEER
GUDC, GANDHINAGAR

841 / 1394

DEPOSIT WORK



| | | |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V = 30 km/h
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D = 44° 49' 13"
R = 33.000m
Lc = 25.81m
V = 20 km/h
SET OUT DATA
E = 687116.1841
N = 2525727.4173
D = 100.05°
R = 20.00m
Lc = 20.00m
La = 25.86m
V = 20 km/h
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E = 687224.9632
N = 2525065.1326
D = 20° 02' 48"
R = 15.00m
La = 15.00m
Lc = 44.46m
V = 30 km/h
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E = 687531.0197
N = 2525624.2068
D = 63° 52' 51"
R = 40.000m
La = 30.00m
Lc = 44.60m
V = 20 km/h
TO NAVLAKHI ROAD
TO NAVLAKHI RAILWAY STATION
TO MORBI RAILWAY STATION
MORBI CITY
DESIGN SPEED = 30 km/h
S.H. CHOKDI 0.000
APPROACH ROAD 0.000
RAILWAY TRACK
CWT TRACK
RAILWAY BOUNDARY
RAILWAY QUARTER
RAILWAY STAFF QUARTER
RAILWAY STAFF QUARTER (G+1)
RAILWAY STAFF QUARTER (G+2)
RAILWAY STAFF QUARTER (G+3)
RAILWAY STAFF QUARTER (G+4)
RAILWAY STAFF QUARTER (G+5)
RAILWAY STAFF QUARTER (G+6)
RAILWAY STAFF QUARTER (G+7)
RAILWAY STAFF QUARTER (G+8)
RAILWAY STAFF QUARTER (G+9)
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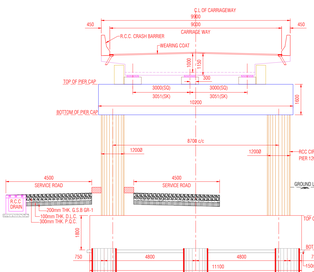
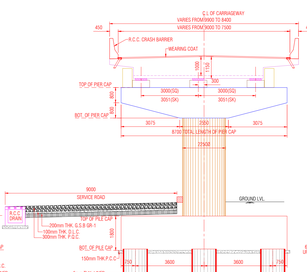
RAILWAY STAFF QUARTER



LONGITUDINAL SECTION FOR PIER (APL1)
SCALE:-1:100



LONGITUDINAL SECTION FOR PIER (APL2)
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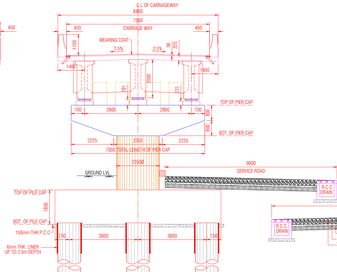
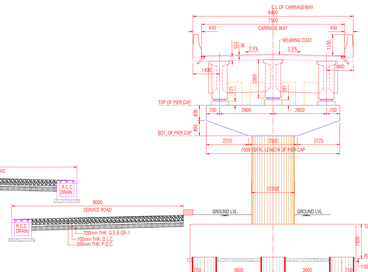


CROSS SECTION FOR PIER "APL3 TO APL6"
SCALE:-1:100



CROSS SECTION FOR PIER "APL7 TO APL12"
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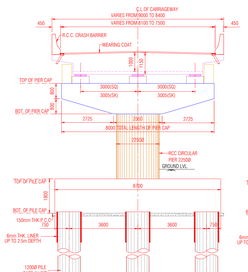

LONGITUDINAL SECTION FOR PIER (APR1 & APR5)
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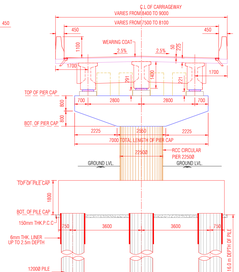

CROSS SECTION FOR PIER "APR6 TO APR9"
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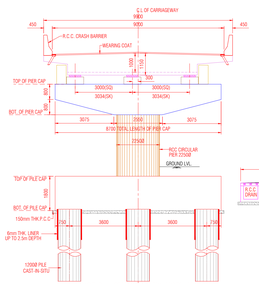
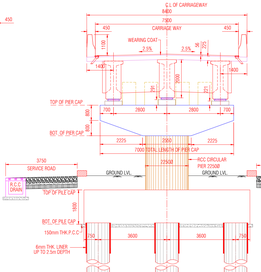
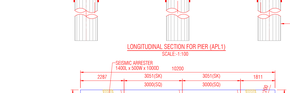


LONGITUDINAL SECTION FOR PIER (APR2 TO APR4)
SCALE:-1:100



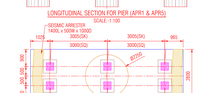
CROSS SECTION FOR PIER "APR10 TO APR12"
SCALE:-1:100



PLAN FOR PIER "APL1"
SCALE:-1:100

PLAN FOR PIER "APL2"
SCALE:-1:100

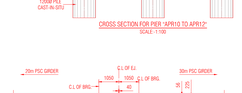
PLAN FOR PIER "APL3 TO APL12 & APR11 TO APR12"
SCALE:-1:100



PLAN FOR PIER "APR1 & APR5"
SCALE:-1:100

PLAN FOR PIER "APR2 TO APR4"
SCALE:-1:100

PLAN FOR PIER "APR3"
SCALE:-1:100



PLAN FOR PIER "APR10 TO APR12"
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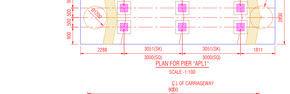

CROSS SECTION FOR ABUTMENT "APR13"
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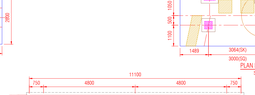

CROSS SECTION FOR ABUTMENT "APL13"
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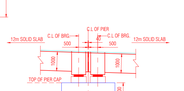
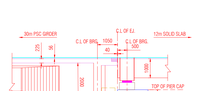


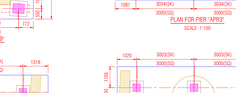
ELEVATION OF PIER (APL1)
SCALE:-1:100



ELEVATION OF PIER (APL2)
SCALE:-1:100

ELEVATION OF PIER (APL3,APL6,APL9,APL12)
SCALE:-1:100

ELEVATION OF PIER (APR1 TO APR5)
SCALE:-1:100



ELEVATION OF PIER (APR7 TO APR9)
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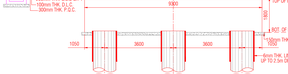
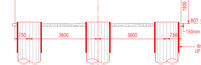
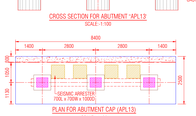


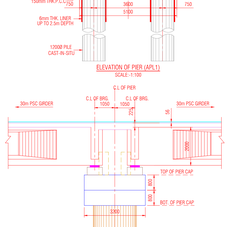
PLAN FOR ABUTMENT CAP (APR13)
SCALE:-1:100

ELEVATION OF PIER (APL13 & APR13)
SCALE:-1:100



PLAN FOR ABUTMENT CAP (APL13)
SCALE:-1:100





ELEVATION OF PIER (APL4,APL5,APL7,APL8,APL10,APL11 & APR11)
SCALE:-1:100

RETAINING WALL

a	b	c	d	e	f	g	H1	H2
mm	mm	mm	mm	mm	mm	mm	mm	mm
450	450	750	500	450	450	450	1000	500

CLIENT:- GUJARAT URBAN DEVELOPMENT COMPANY LIMITED (GUIDCL), GANDHINAGAR

NAME OF WORK:-

CONSTRUCTION OF PROP. TWO LANE ROB IN LIEU OF LC NO.34B AT RLY. KM 29/4-29/5 BETWEEN MORBI - NAVLAKHI STATION ON WKT- NLK SECTION ON MORBI - NAVLAKHI ROAD. UNDER SWARNIM JAYANTI MUKHYA MANTRI SAHERI VIKAS YOJANA.

GENERAL ARRANGEMENT DRAWING

TITLE:- CROSS SECTION DETAIL FOR ROB IN LIEU OF LC NO.:-34B

LOCATION:- BETWEEN BLOCK STATION : MORBI - BARVARA
NAME OF ROAD : MORBI - NAVLAKHI ROAD

CONSULTANT :-
GEO DESIGNS & RESEARCH (P) LTD.
B/10, KRISHNA INDUSTRIAL ESTATE, OPP. B.I.D.C. GORWA ESTATE, VADODARA - 390 016
TELEFAX : 91-265- 2290222,2283081
E-Mail : geo_group@yahoo.com
Web Site : www.geogroup.in

CONSULTANT

SUPERINTENDING ENGINEER
GUIDC, GANDHINAGAR

PREPARED BY	TARIQ (CAD ENGINEER)	DRG NO.	GDR_2021-22_011/LC-34B/GAD/02 OF 03
DESIGNED BY	FAKHRUDDIN DHILAWALA (Sr.ENGINEER)	DATE	08-06-2026
CHECKED BY	MEHUL PATEL (DESIGN DIRECTOR)	JOB NO.	2021_22_011