



CONTRACT AGREEMENT

between

MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

and

LARSEN AND TOUBRO LIMITED

MUMBAI TRANS HARBOUR LINK PROJECT (MTHL)

PACKAGE-3

**Procurement of Mumbai Trans Harbour Link Project (Package 3)
Construction of 3.613 km long Viaduct Section (CH 18+187 – CH
21+ 800) including interchanges at State Highway-54 and at
National Highway-4B near Chirle in Navi Mumbai**

(JICA LOAN: Mumbai Trans-Harbour Link Project (I) ID-P255)

MADE ON 26TH DECEMBER 2017

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Package-3
Larsen & Toubro Limited

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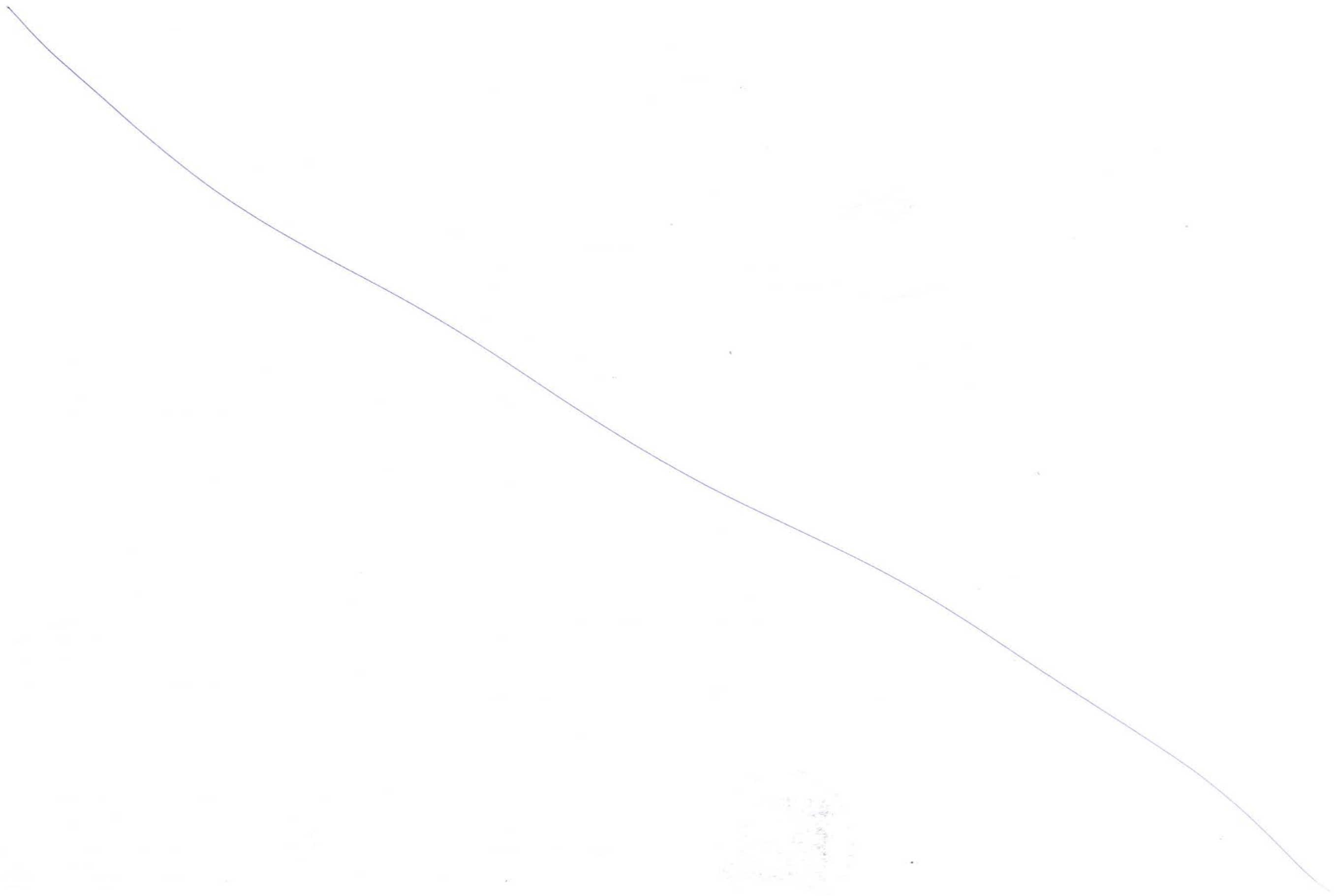
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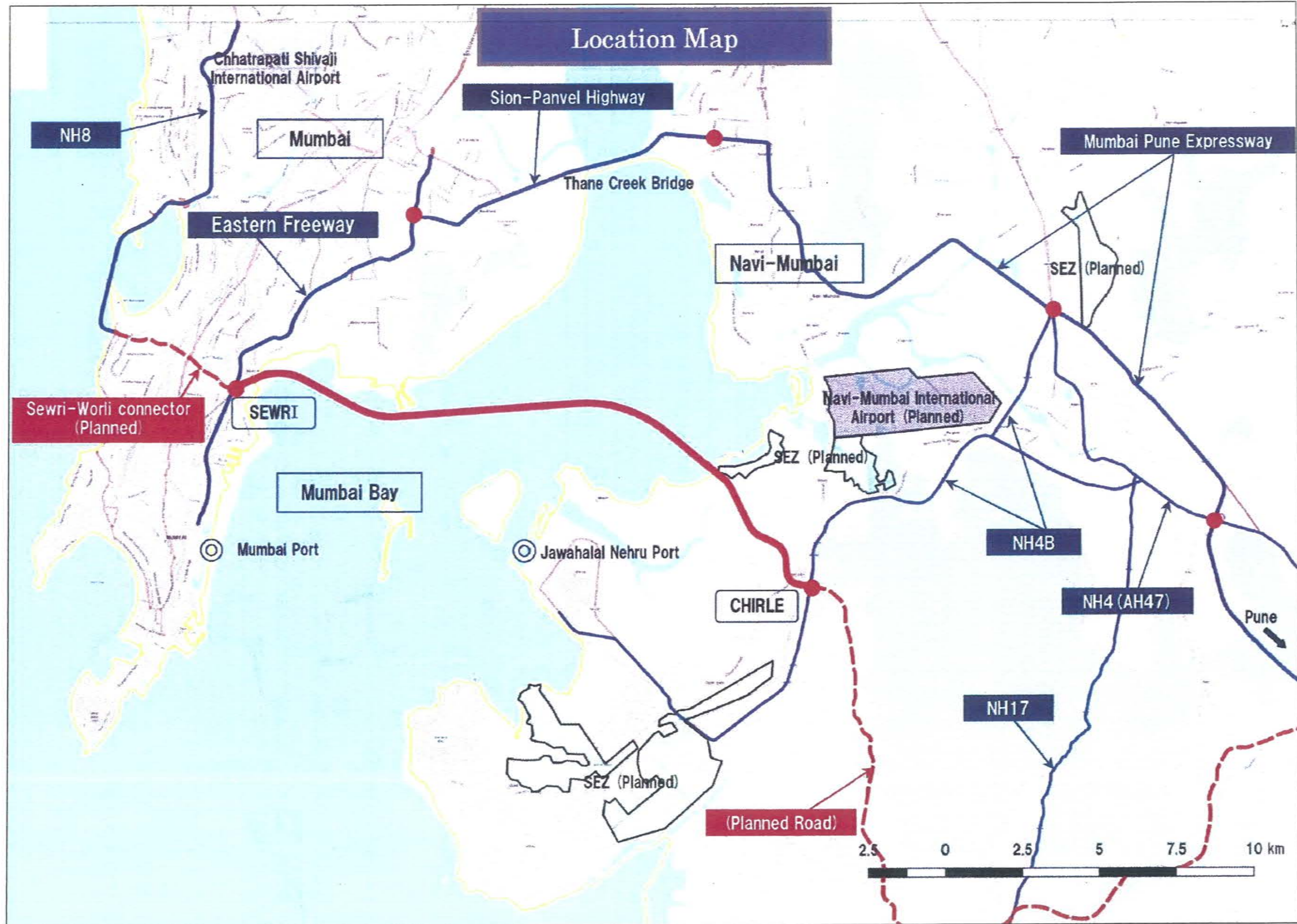


MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



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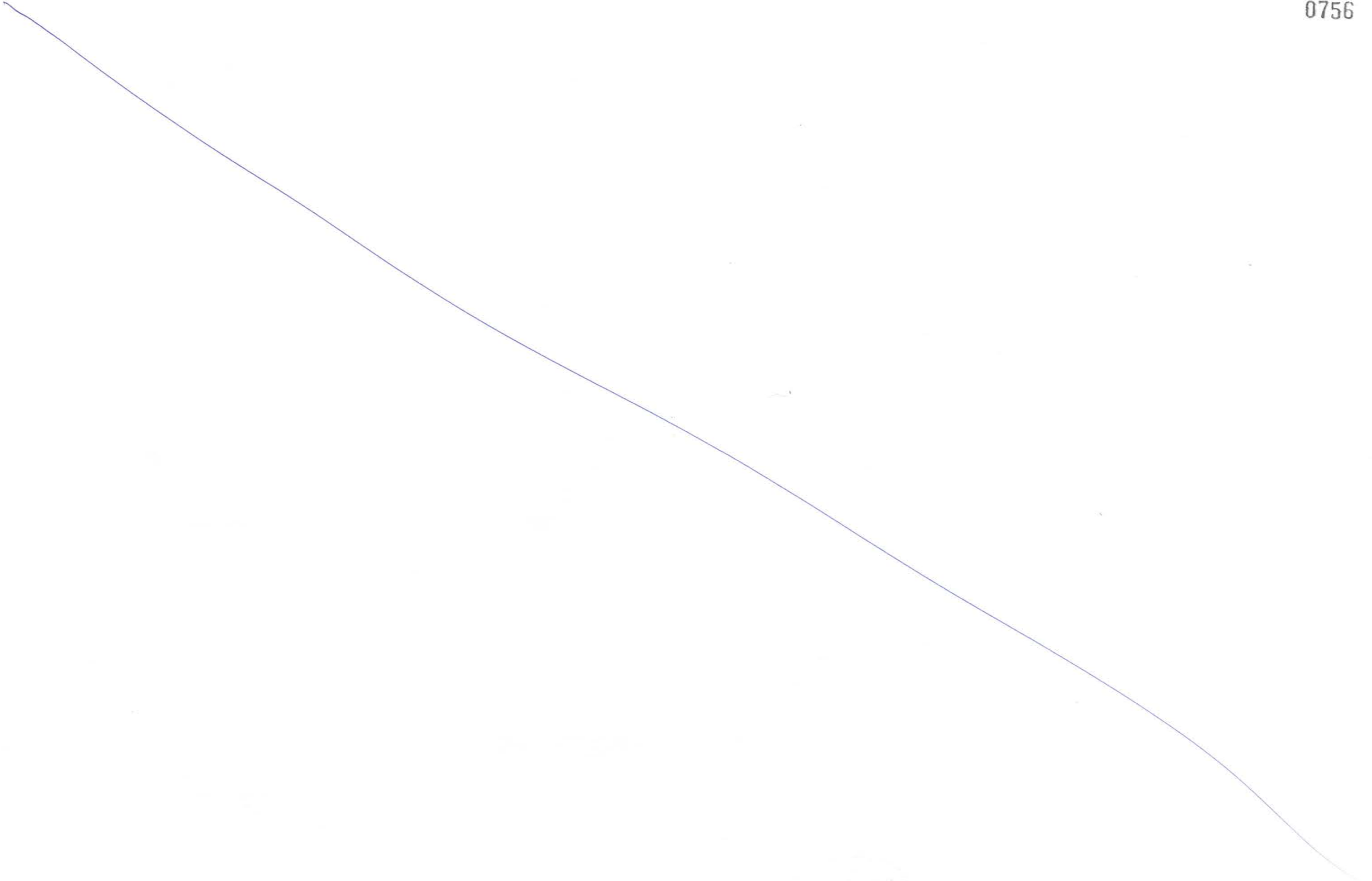


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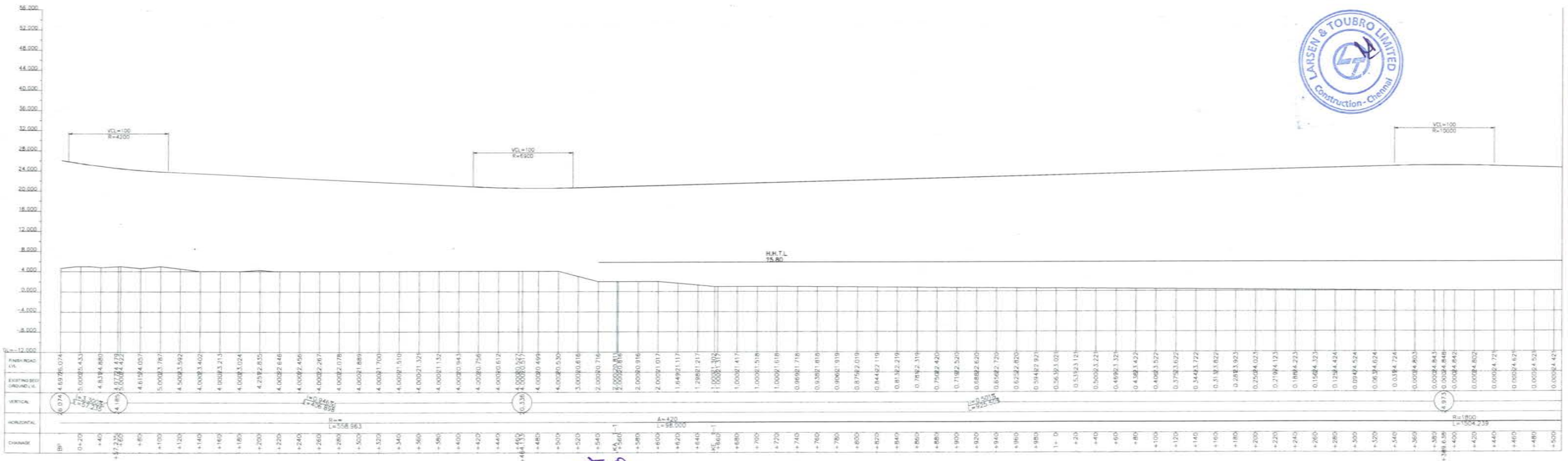
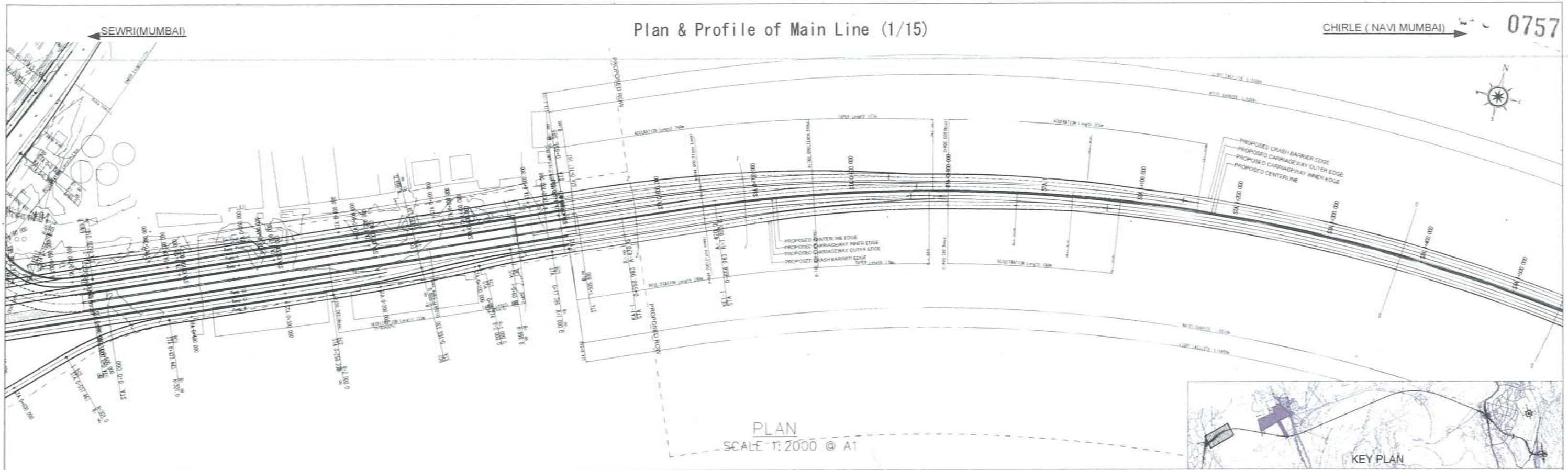
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Plan & Profile of Main Line (1/15)

CHIRLE (NAVI MUMBAI)

0757

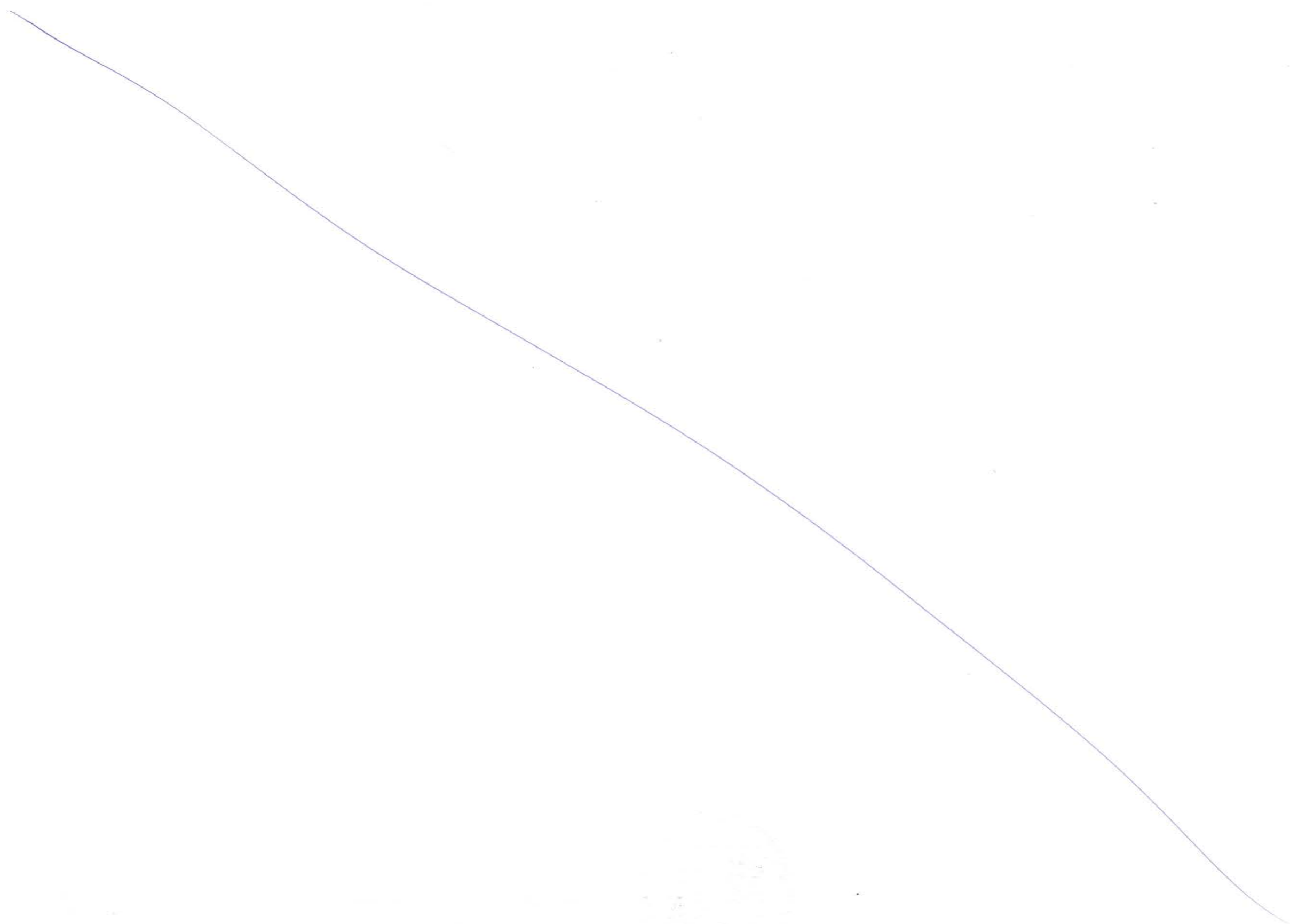


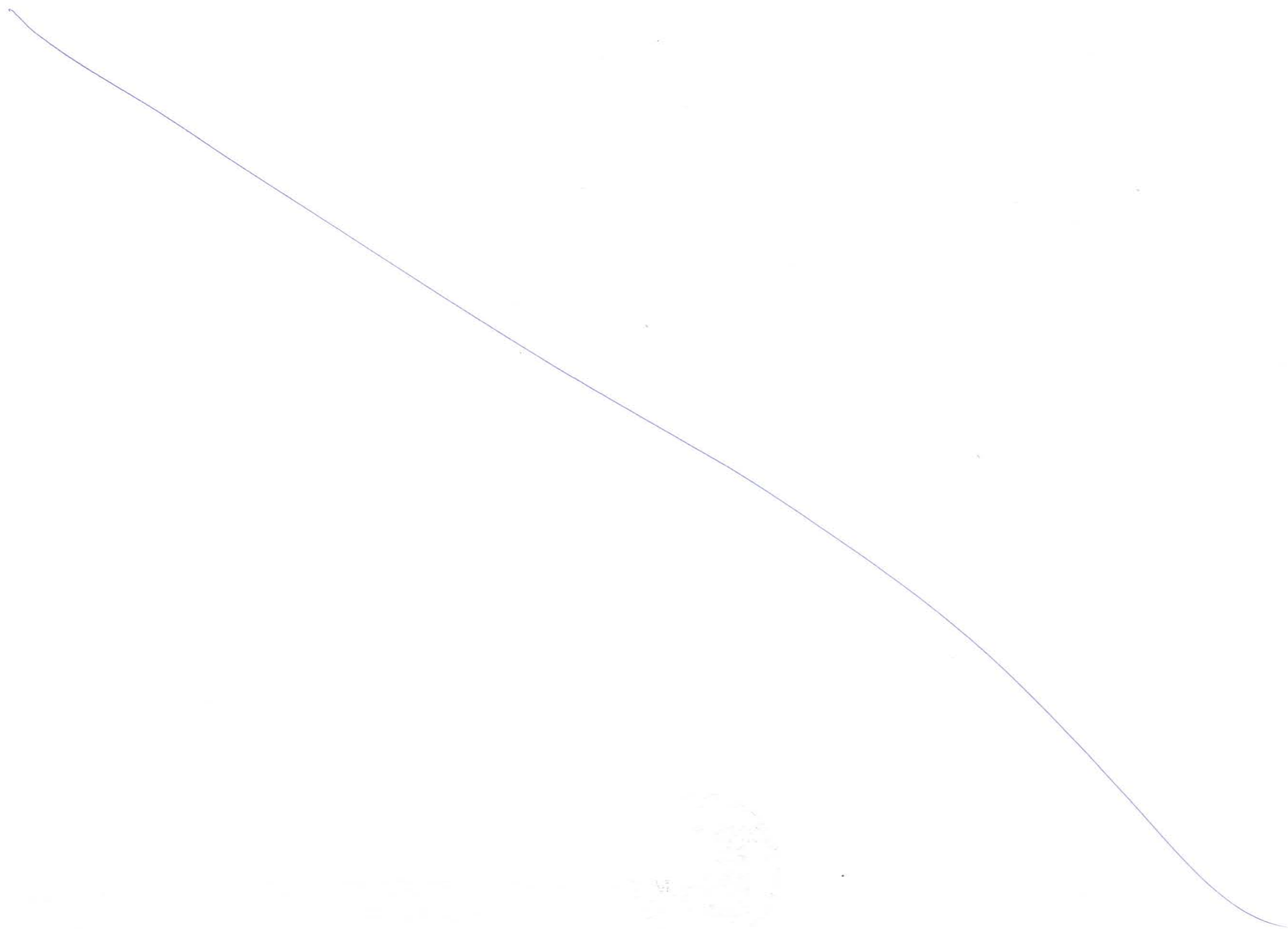
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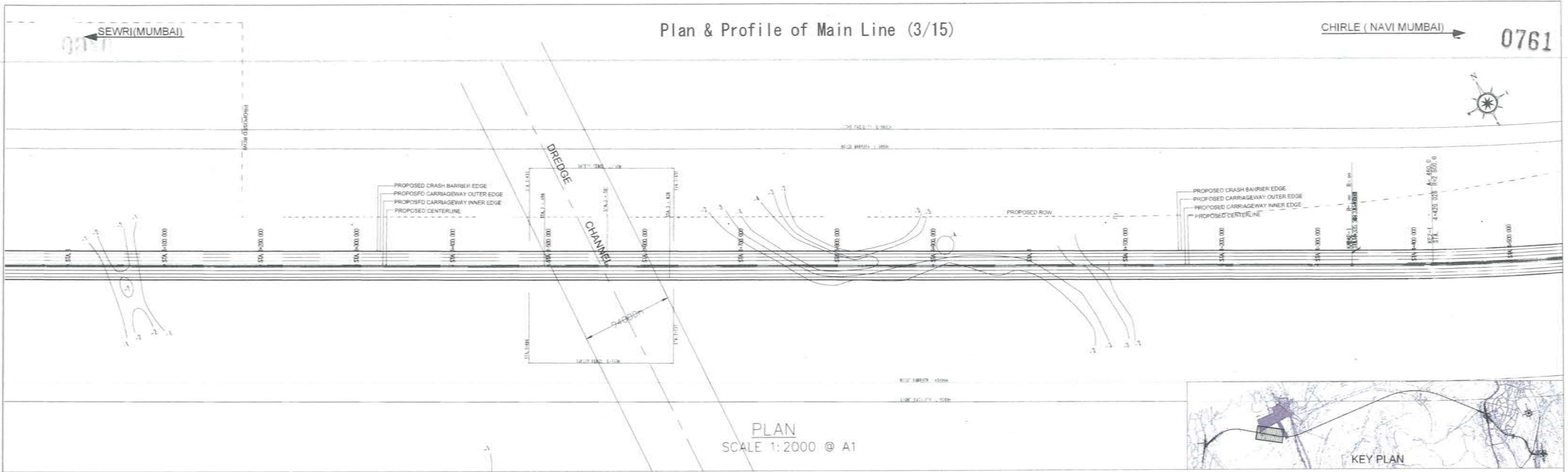




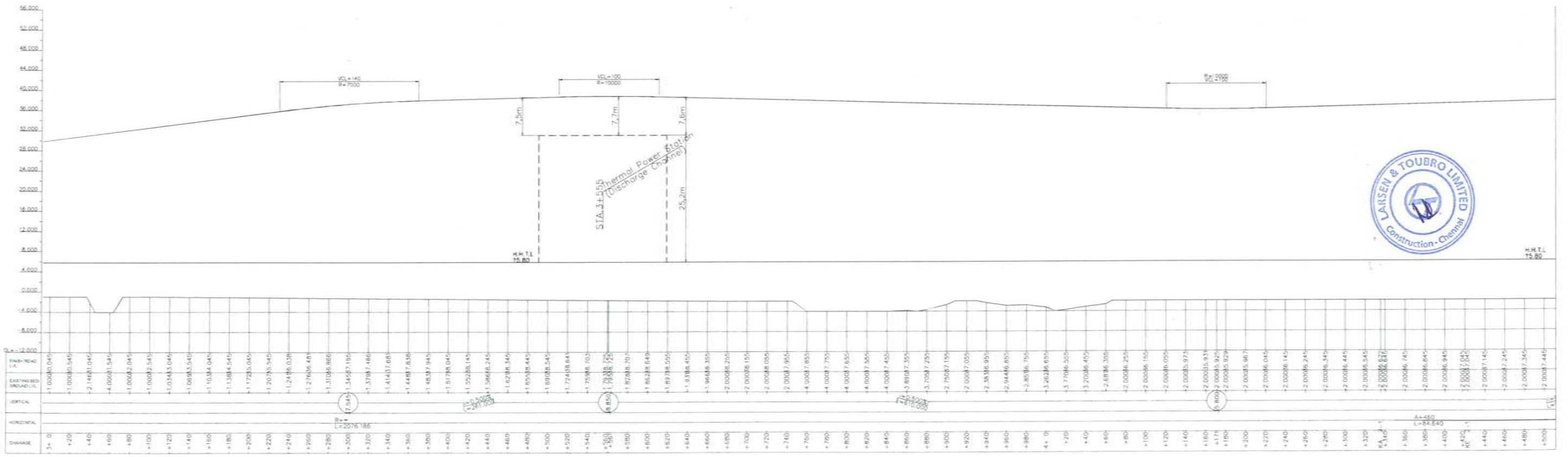
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CHIRLE (NAVI MUMBAI)

0761



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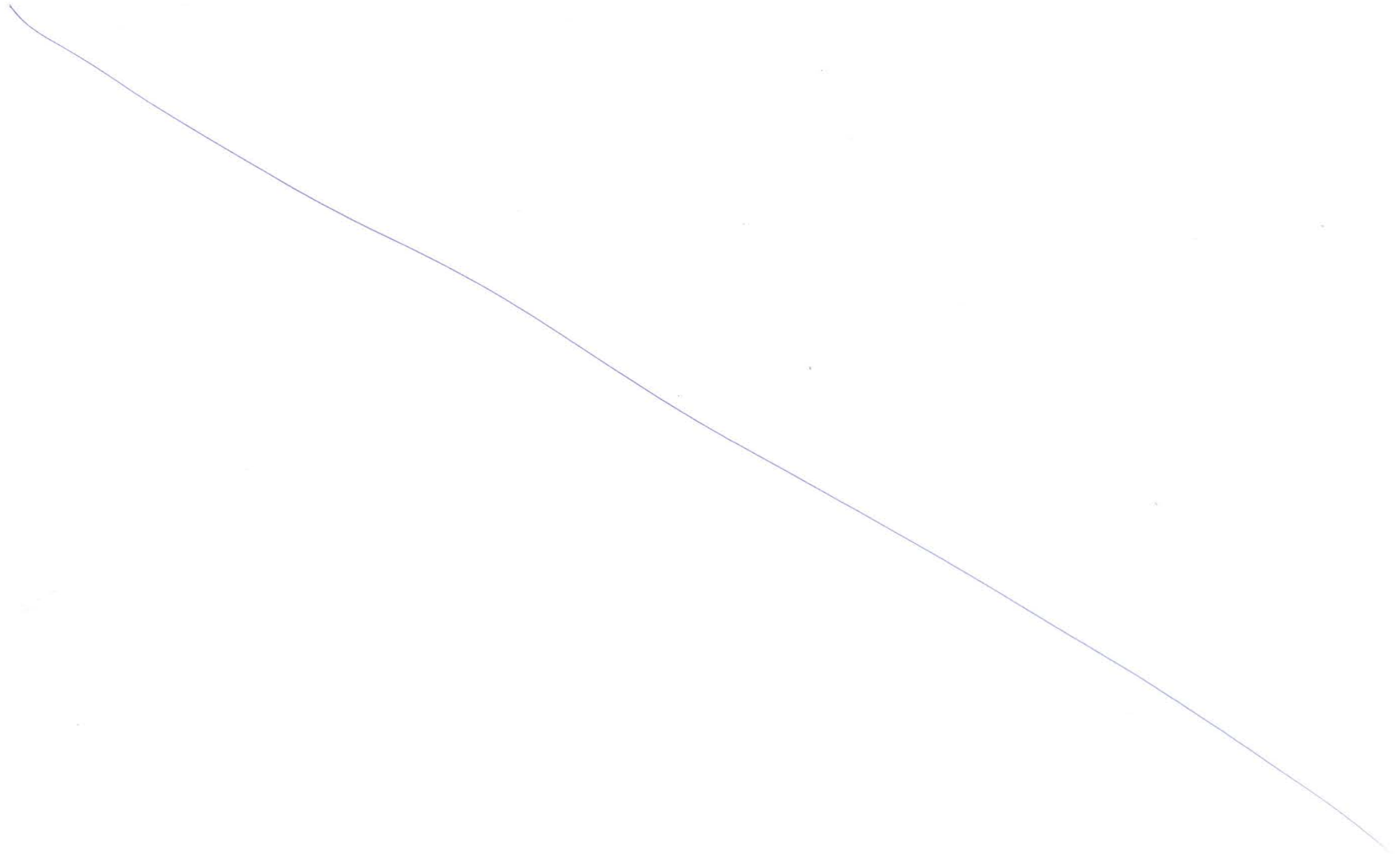
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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY



MUMBAI TRANS HARBOUR LINK PROJECT
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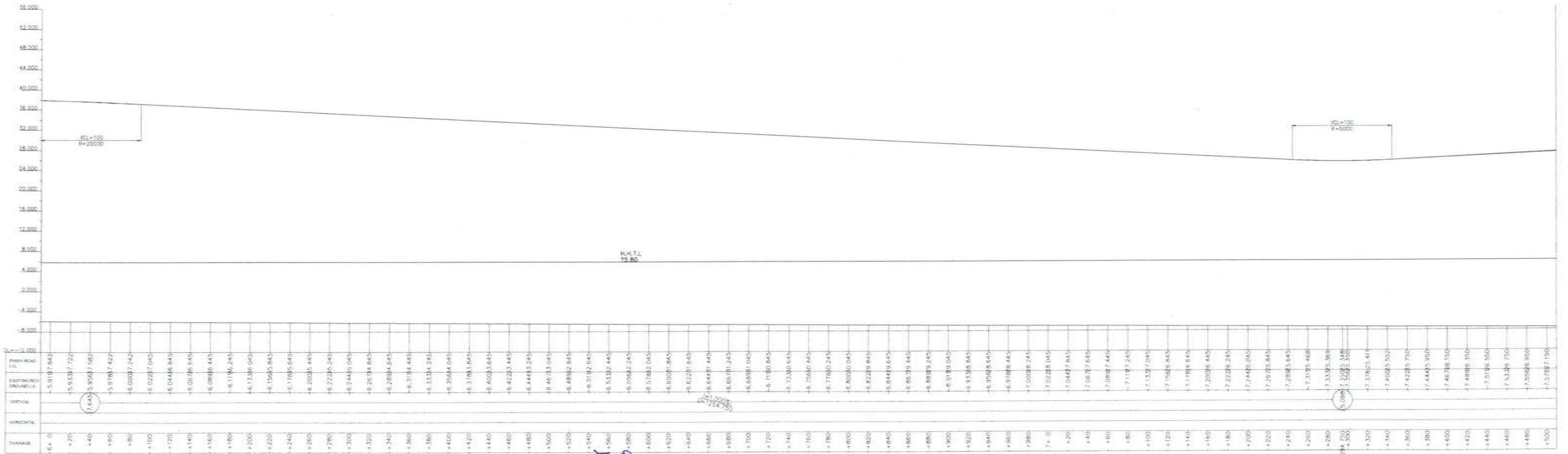
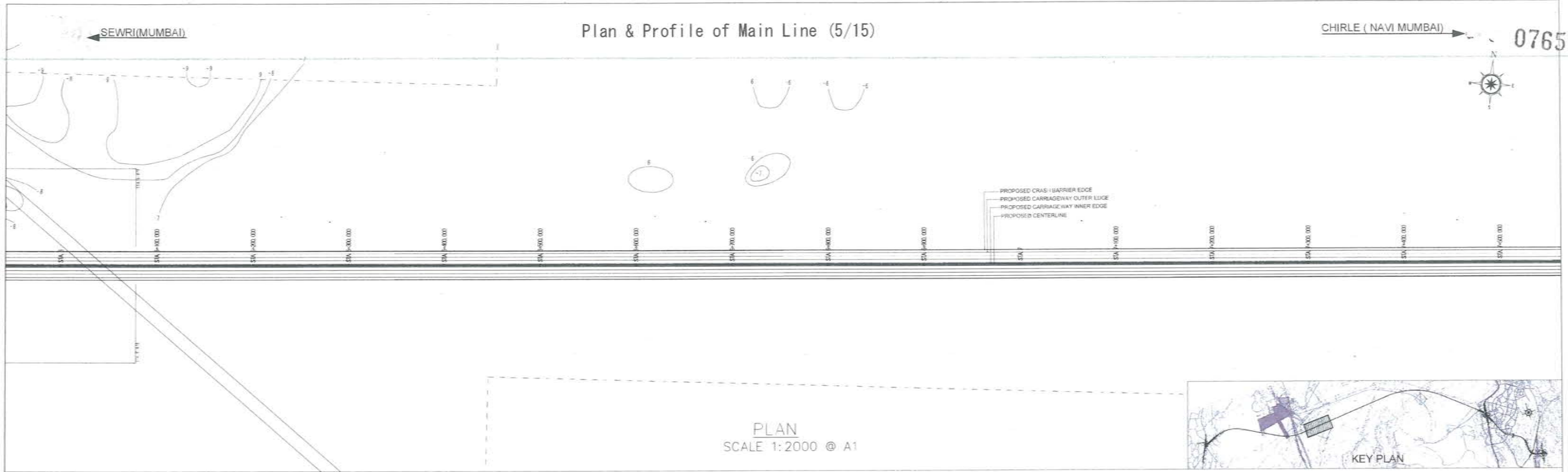
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Plan & Profile of Main Line (5/15)

CHIRLE (NAVI MUMBAI) → 0765



PROFILE
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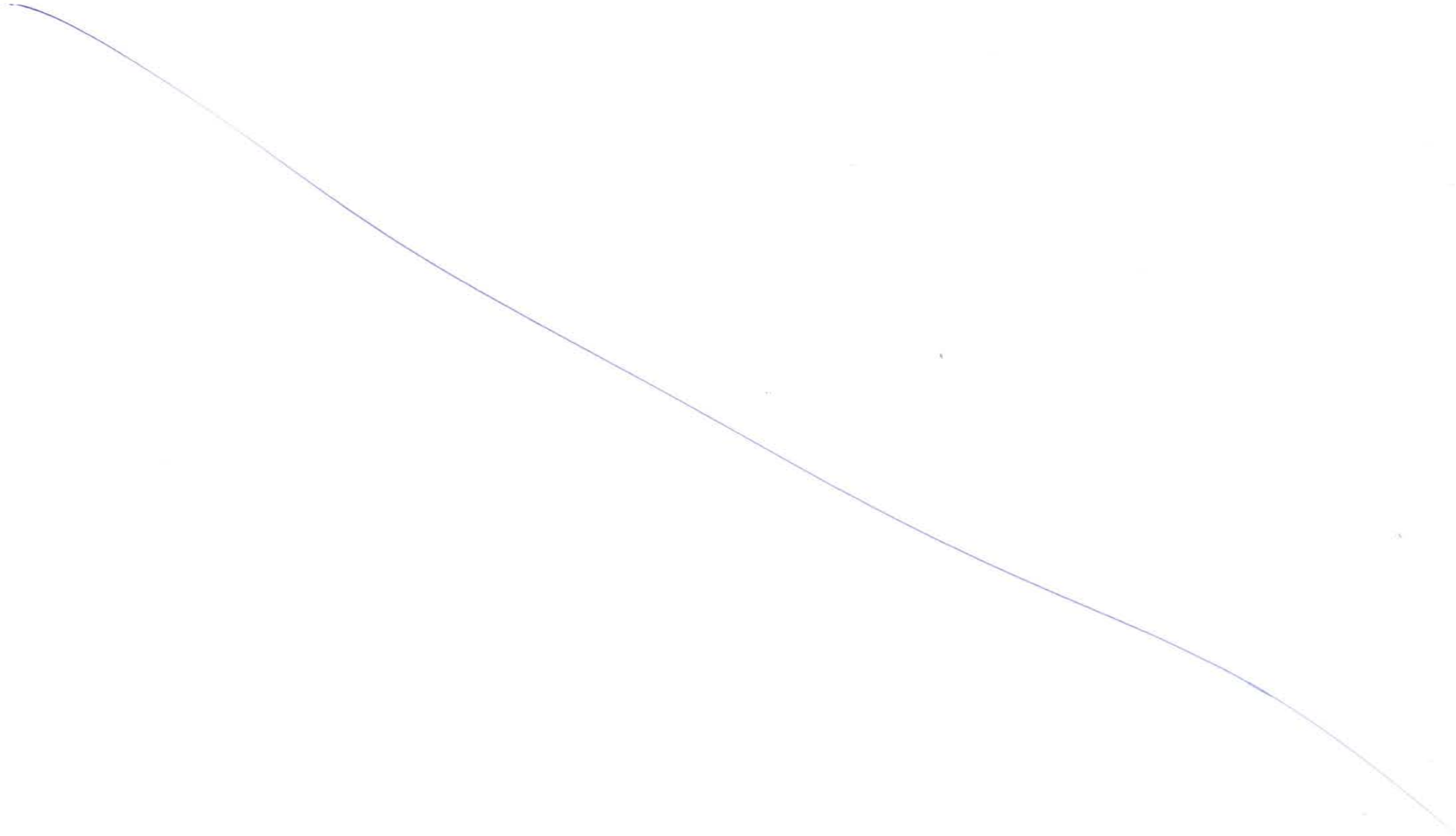
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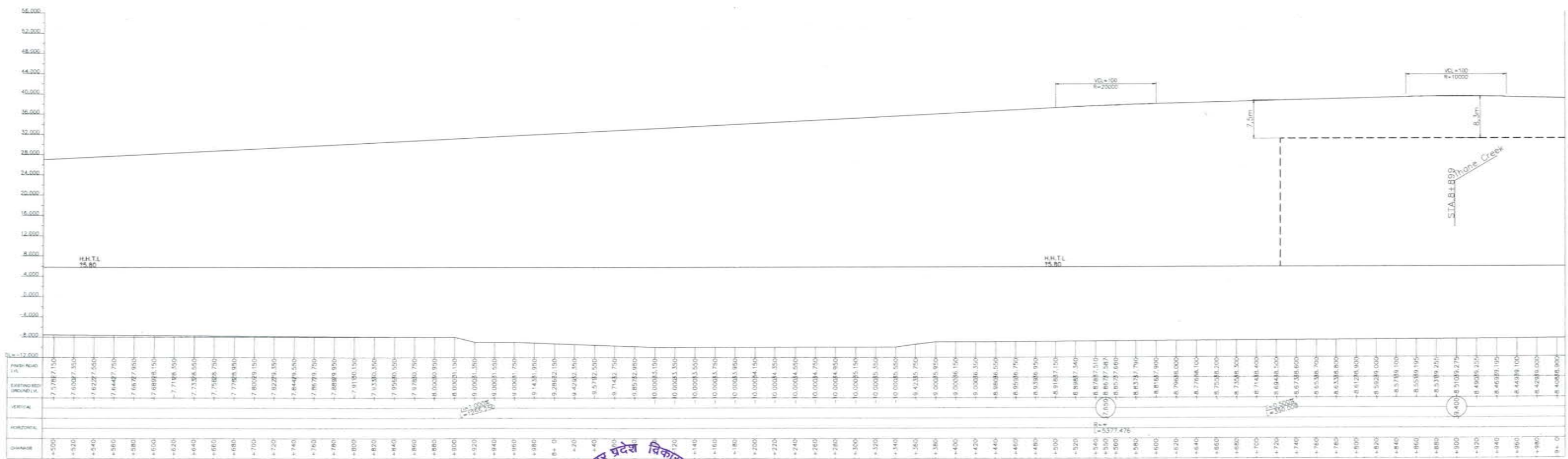
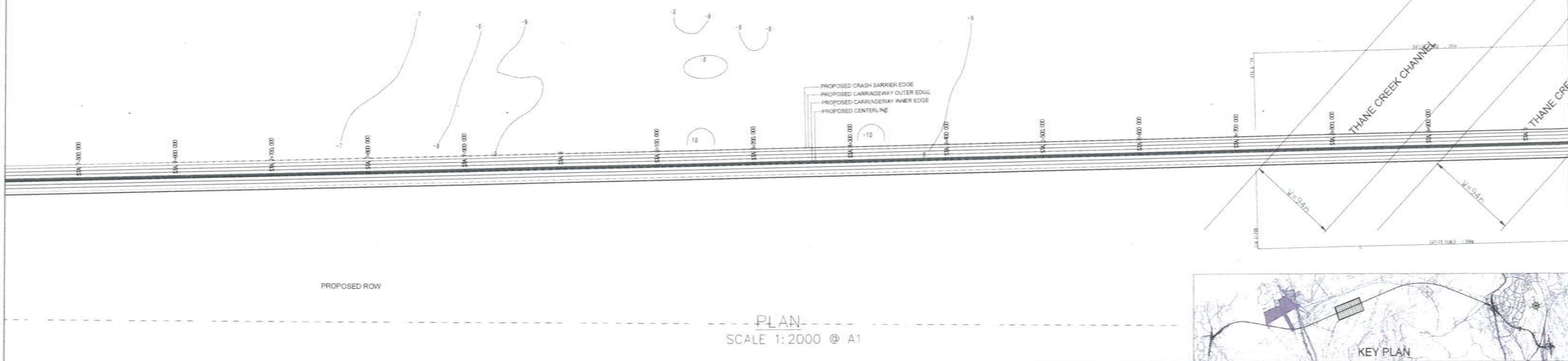


Plan & Profile of Main Line (6/15)

SEWRI(MUMBAI)

CHIRLE (NAVI MUMBAI)

0767



PROFILE
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MUMBAI TRANS HARBOUR LINK PROJECT
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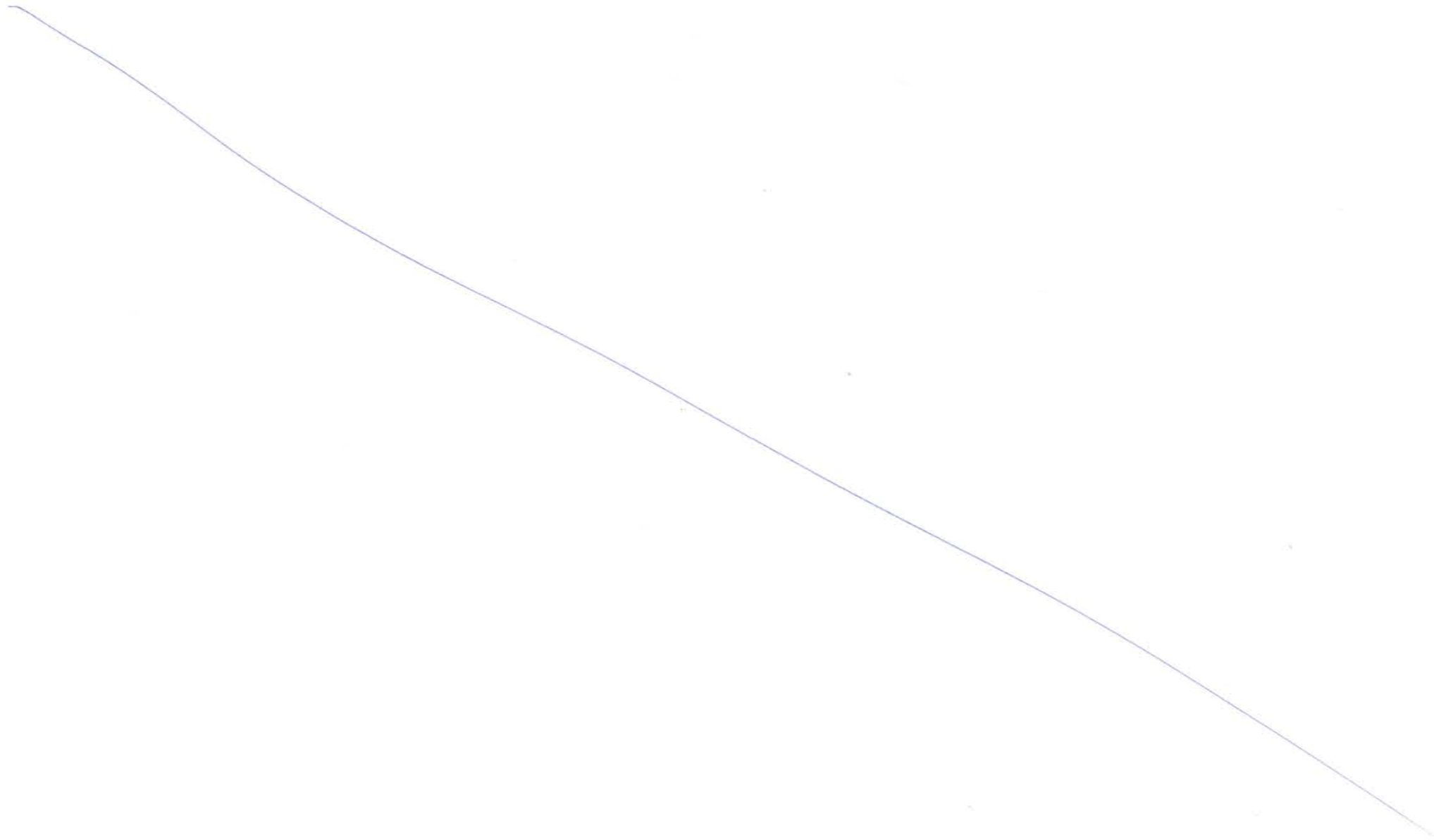


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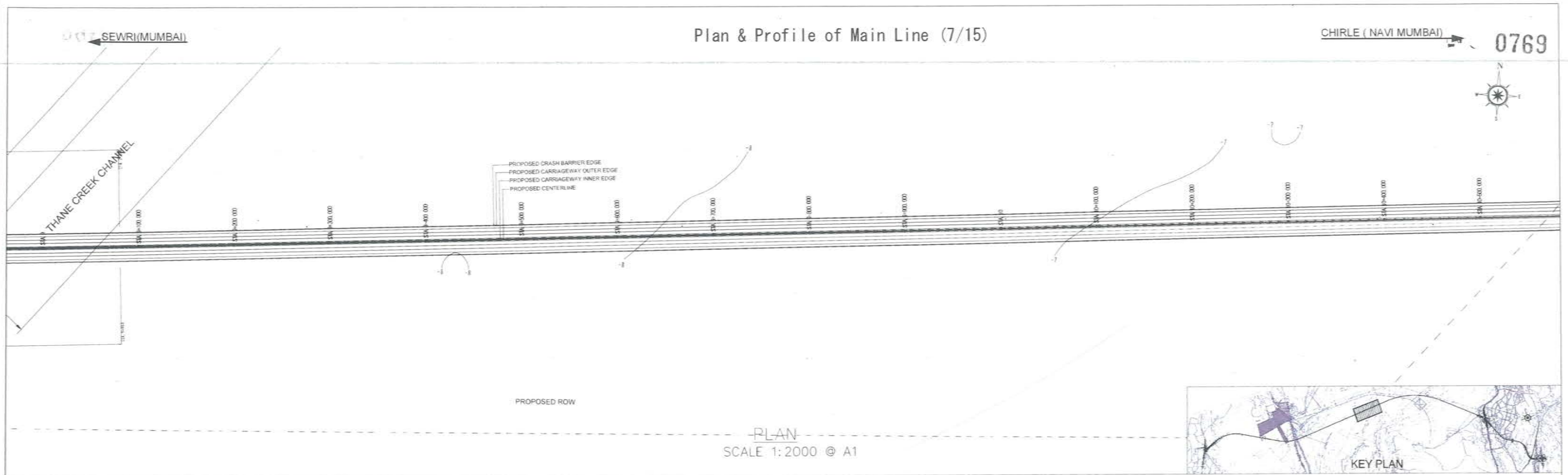
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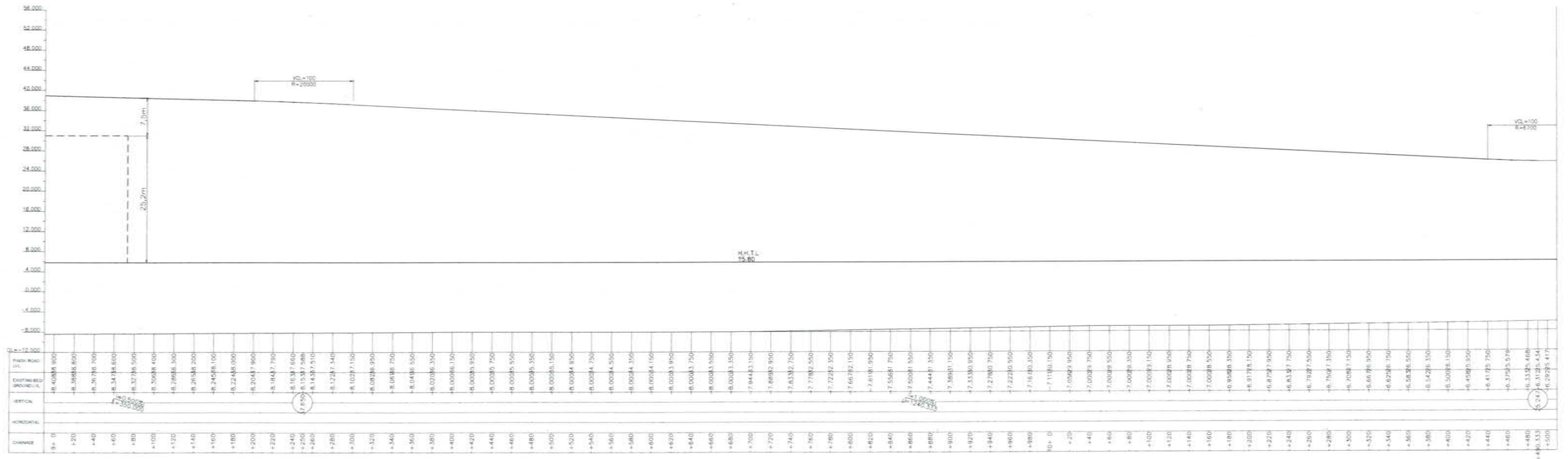


Plan & Profile of Main Line (7/15)

CHIRLE (NAVI MUMBAI) 0769



PLAN
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PROFILE
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NAME	SIGN



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MUMBAI METROPOLITAN REGION
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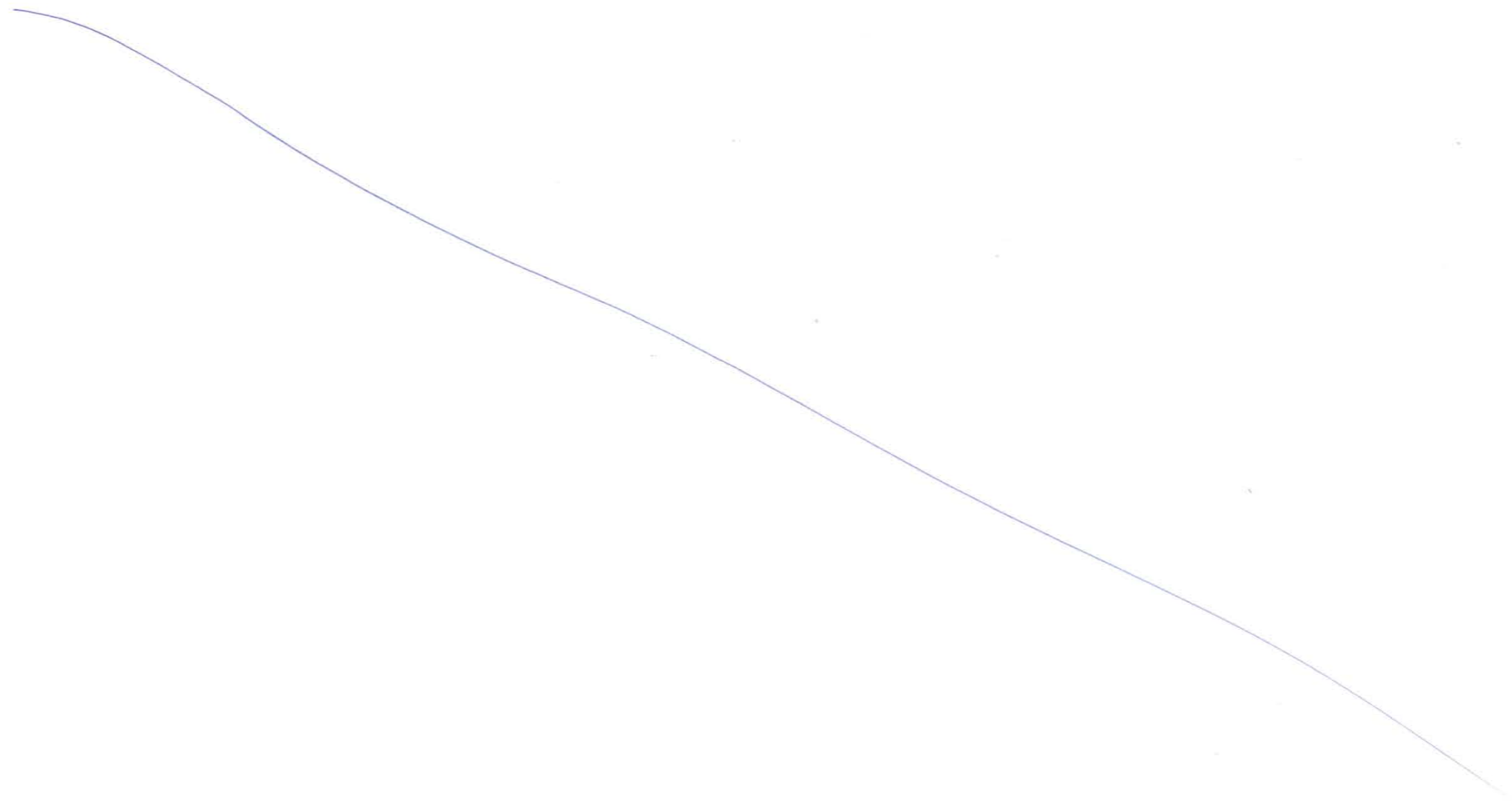
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MUMBAI TRANS HARBOUR LINK PROJECT
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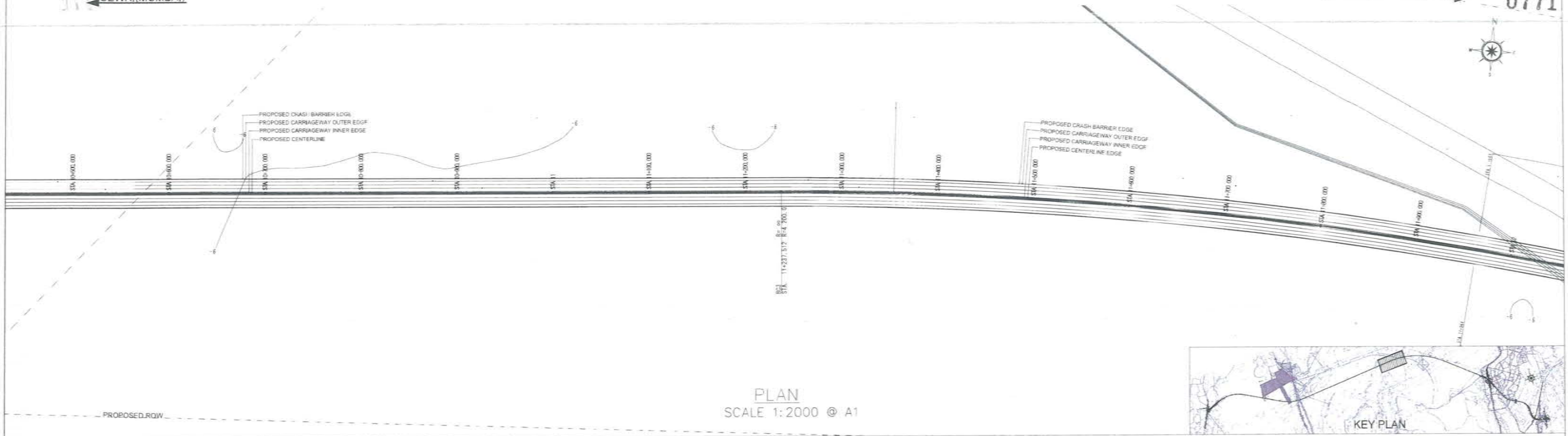
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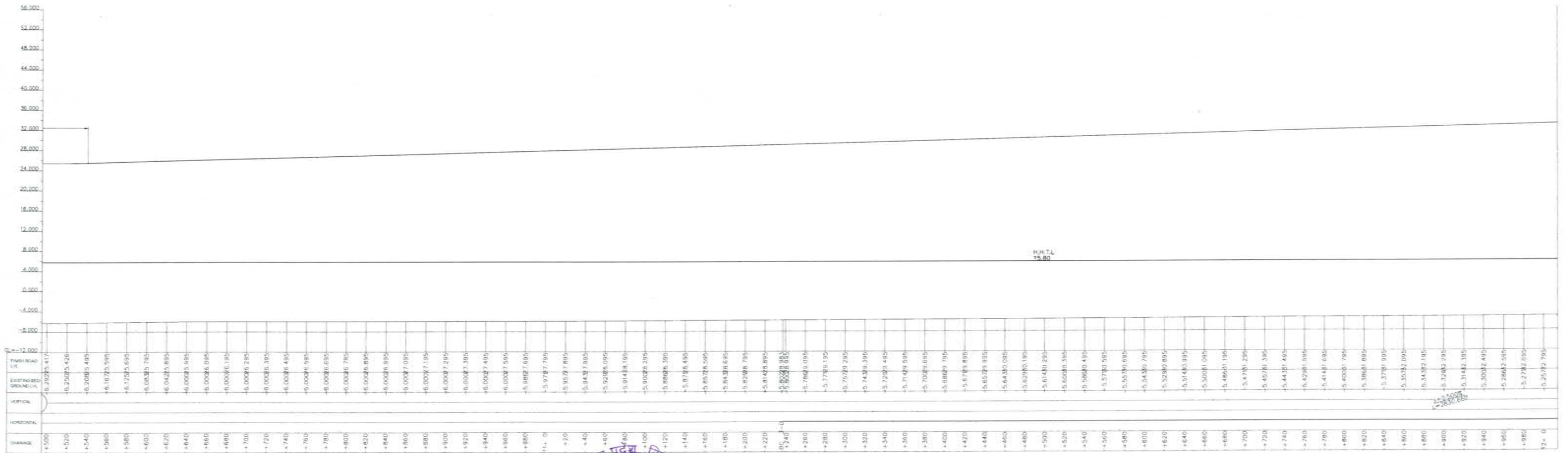
Plan & Profile of Main Line (8/15)

CHIRLE (NAVI MUMBAI) →

0771



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PROFILE
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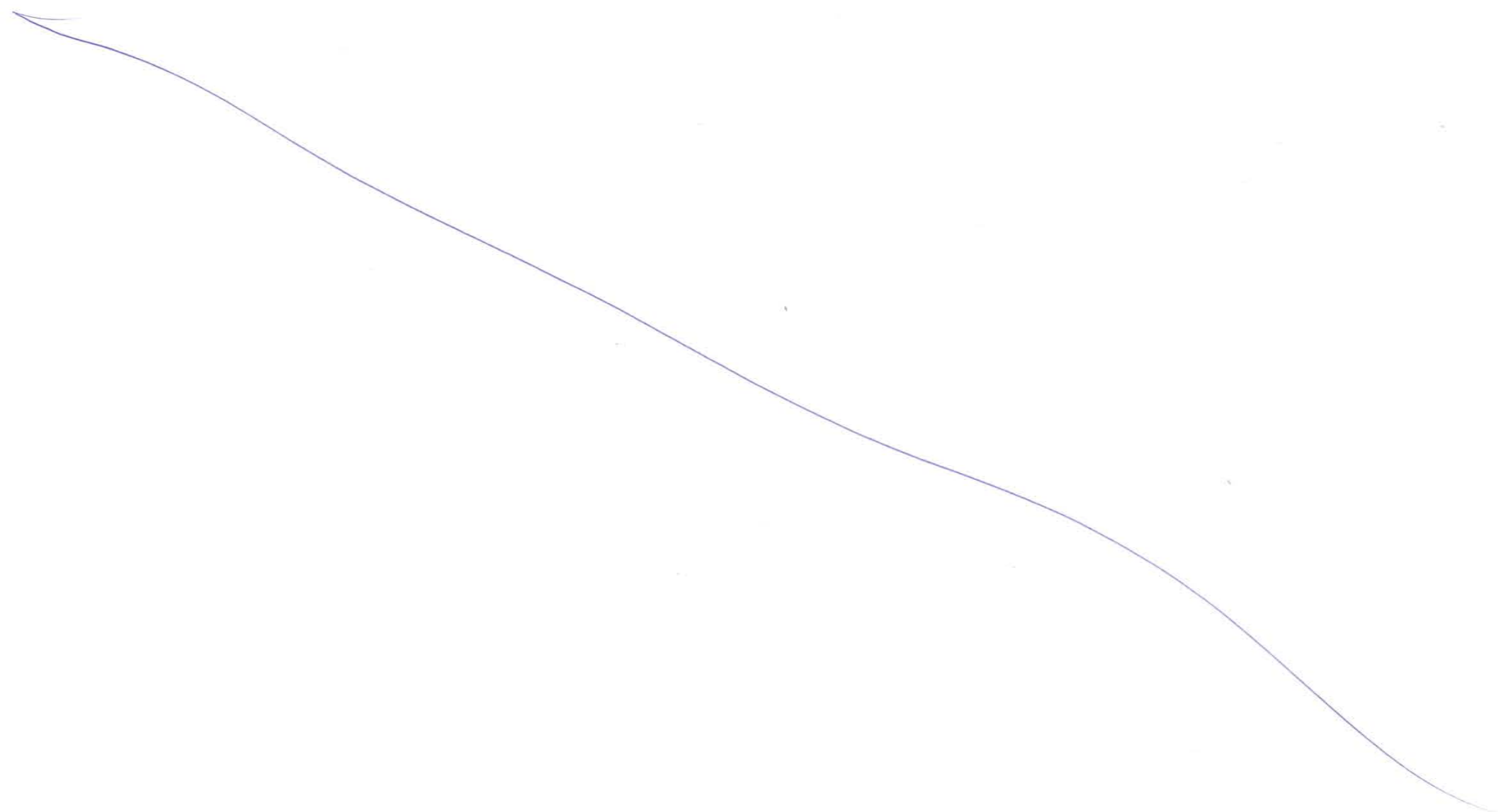
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MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



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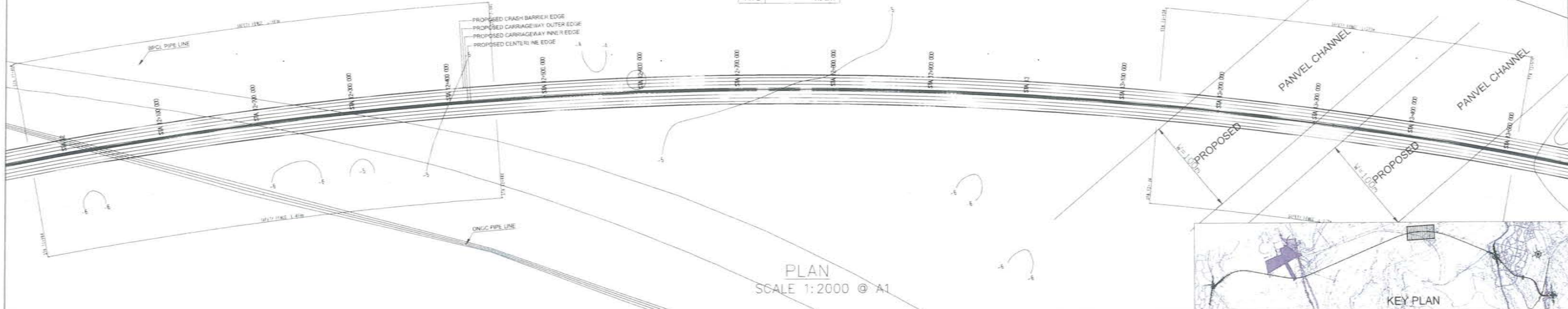


SEWRI (MUMBAI)

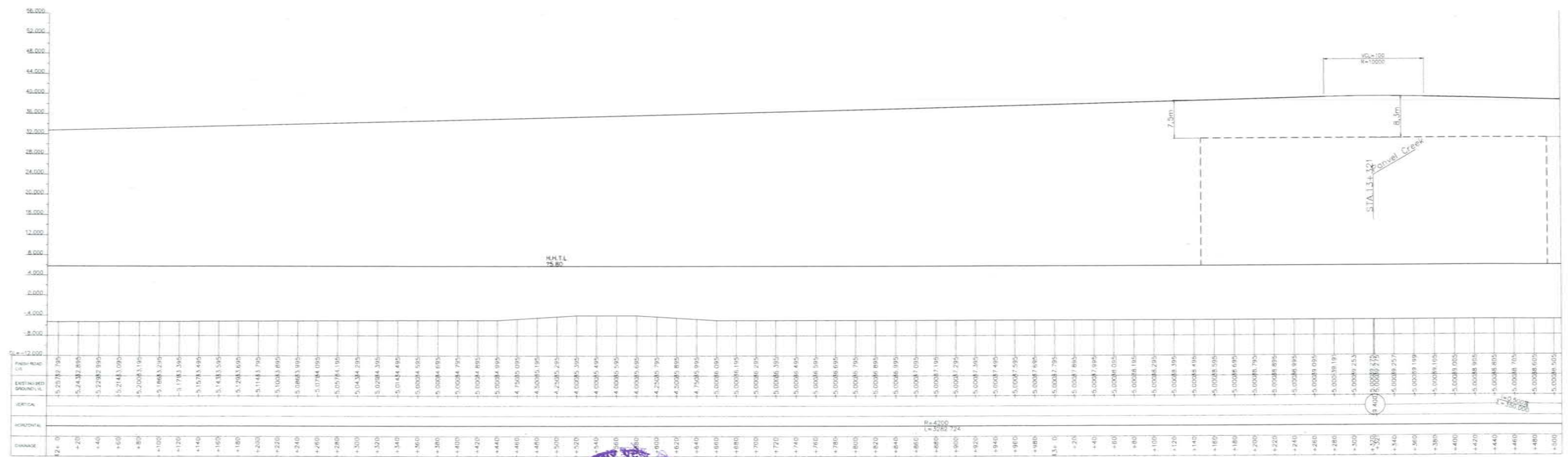
Plan & Profile of Main Line (9/15)

CHIRLE (NAVI MUMBAI) 0773

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SL	342.4830
e	2.5%
TYPE	RIGHT



PLAN SCALE 1:2000 @ A1



PROFILE SCALE H=1:2000 V=400 @ A1

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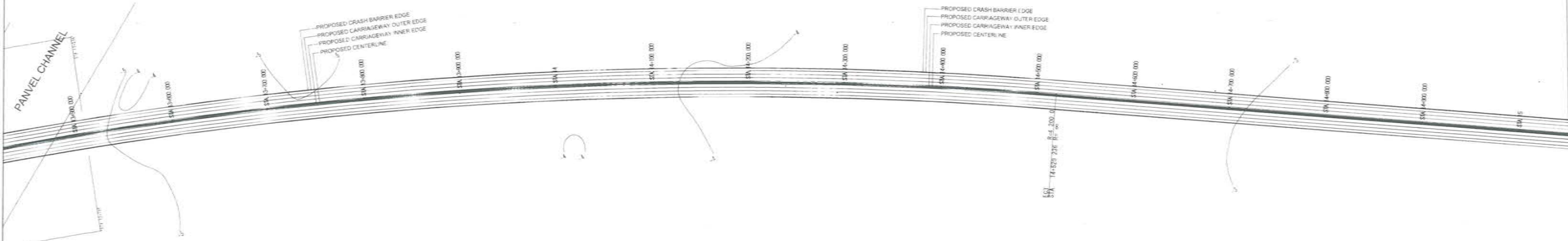


MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS

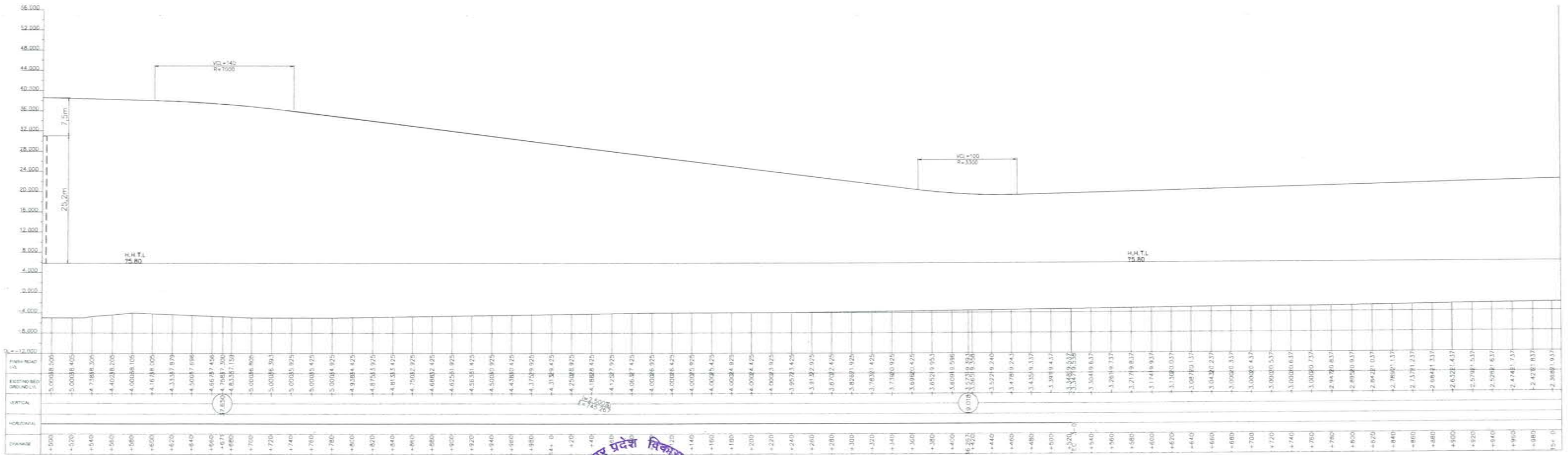
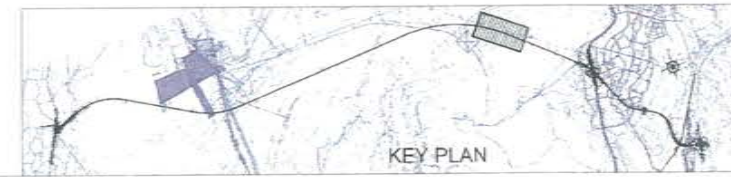


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REV.		





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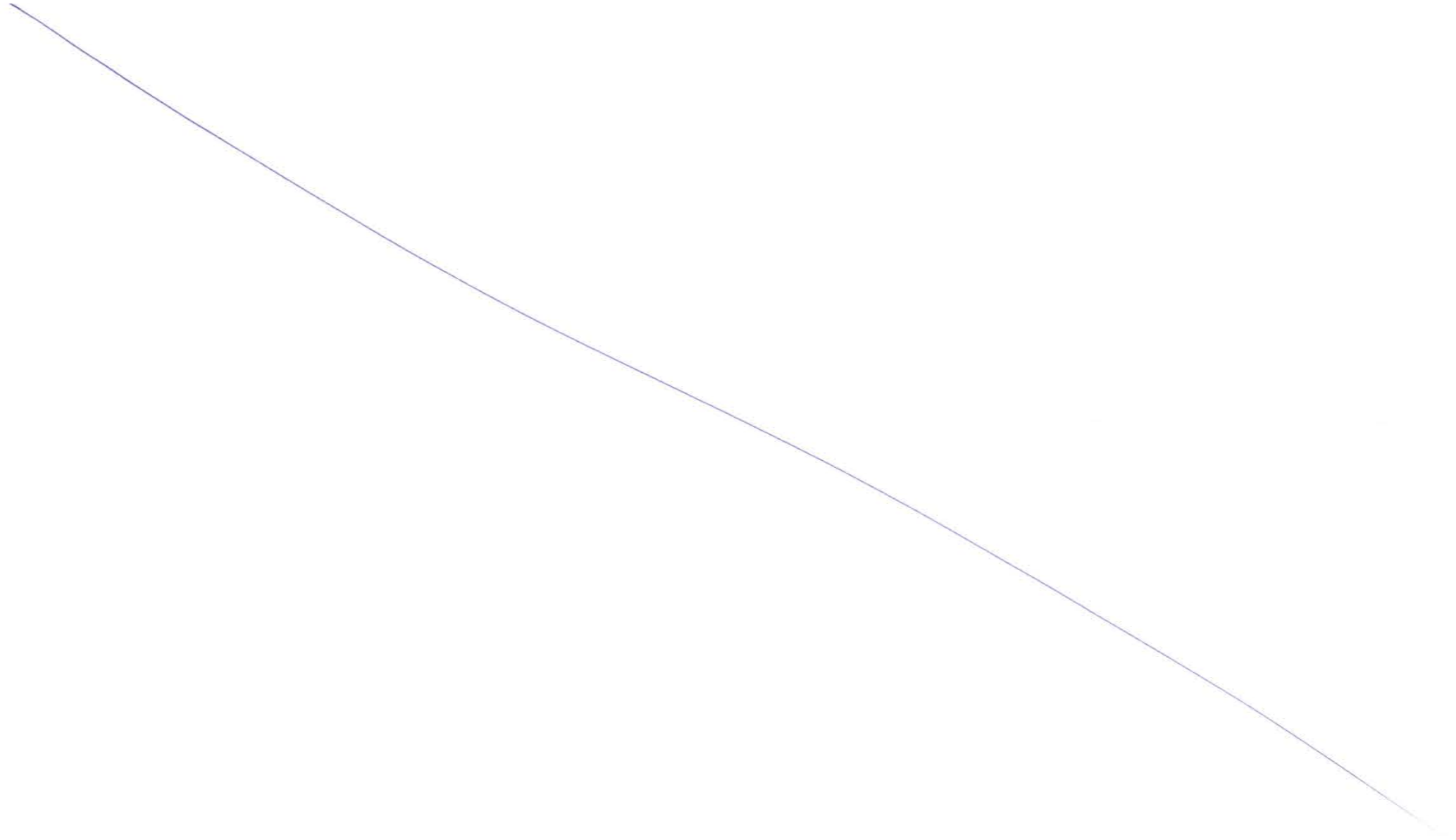
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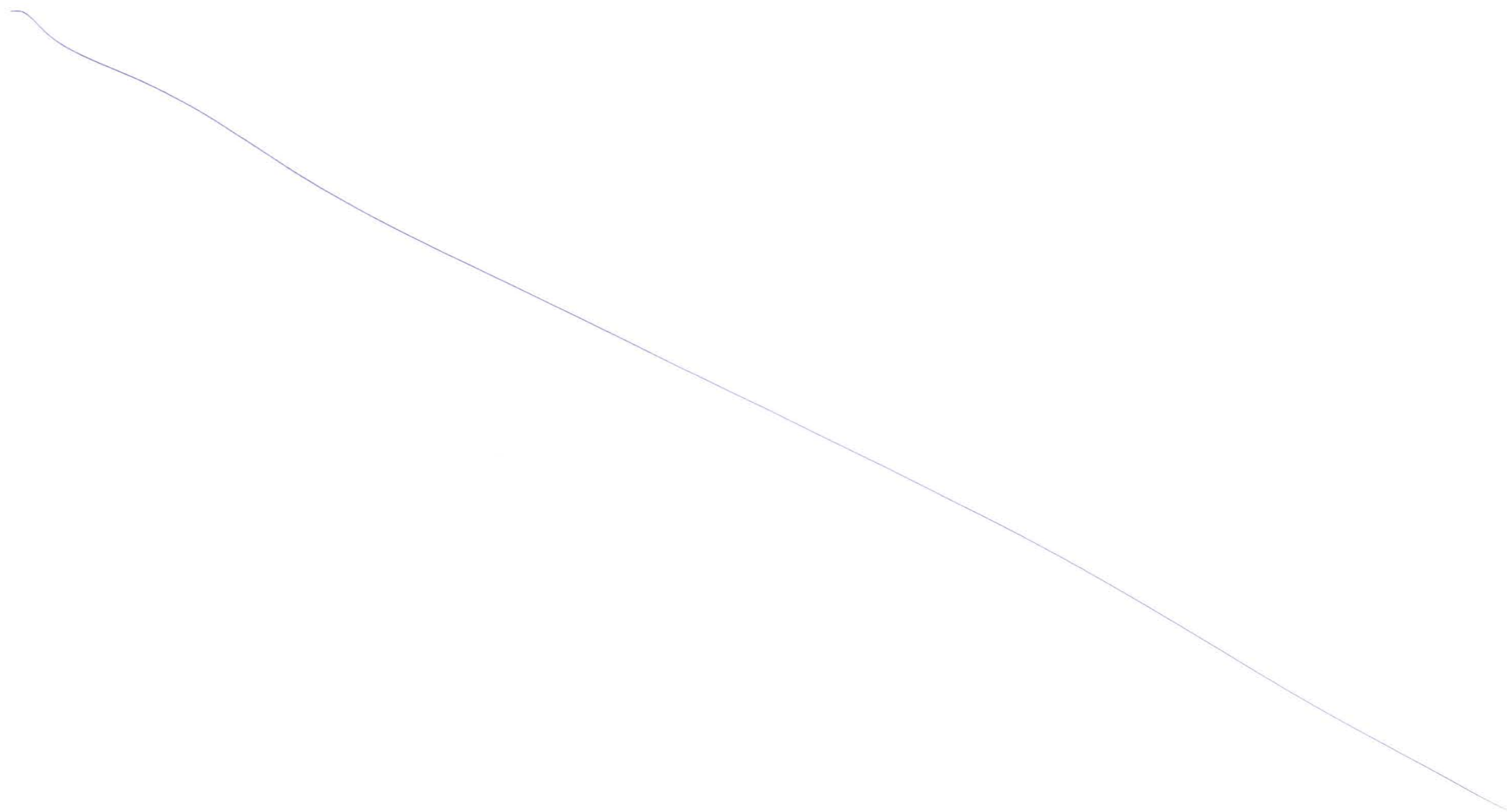


MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



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	H-010	



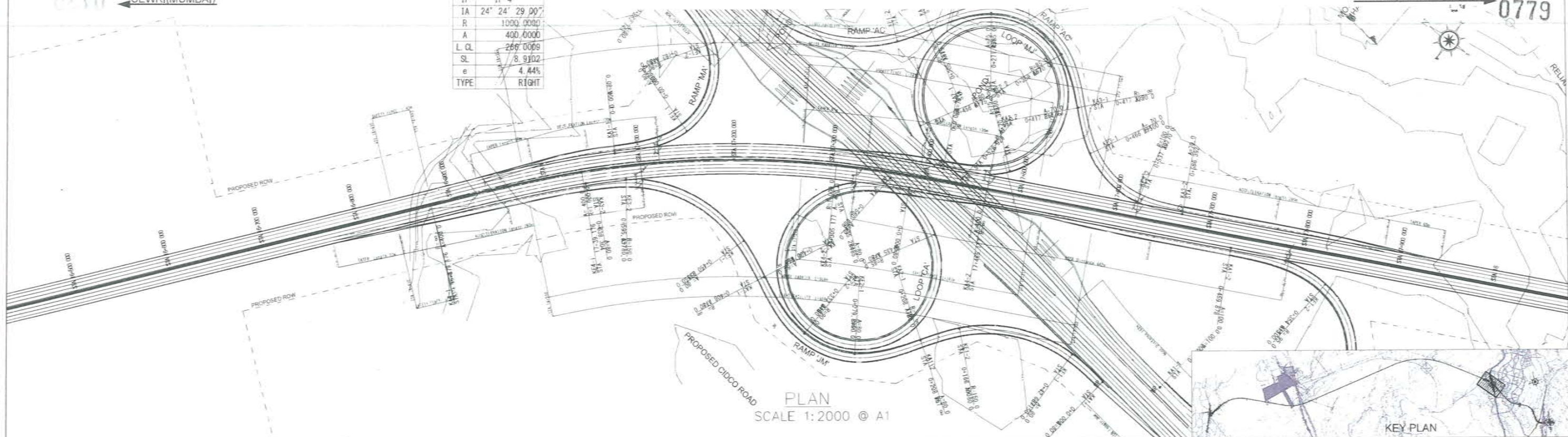


SEWRI (MUMBAI)

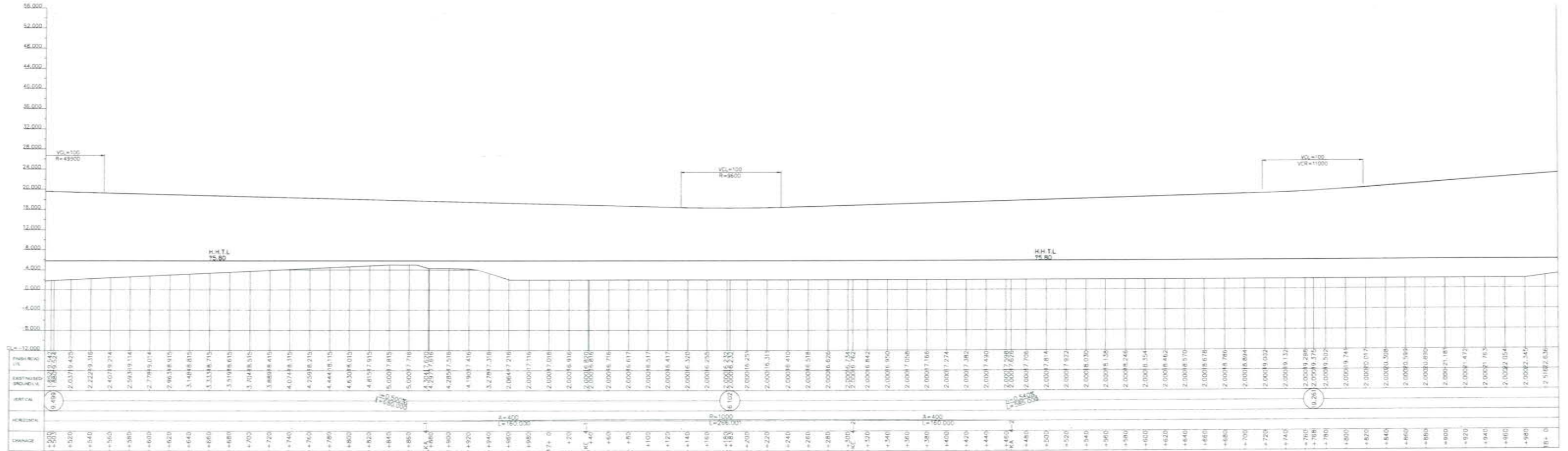
Plan & Profile of Main Line (12/15)

CHIRLE (NAVI MUMBAI) 0779

IP	JP-4
IA	24° 24' 29.00"
R	1000.0000
A	400.0000
L CL	266.0009
SL	8.9102
e	4.44%
TYPE	RIGHT



PLAN SCALE 1:2000 @ A1



PROFILE SCALE H=1:2000 V=400 @ A1

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



PROJECT -



MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS



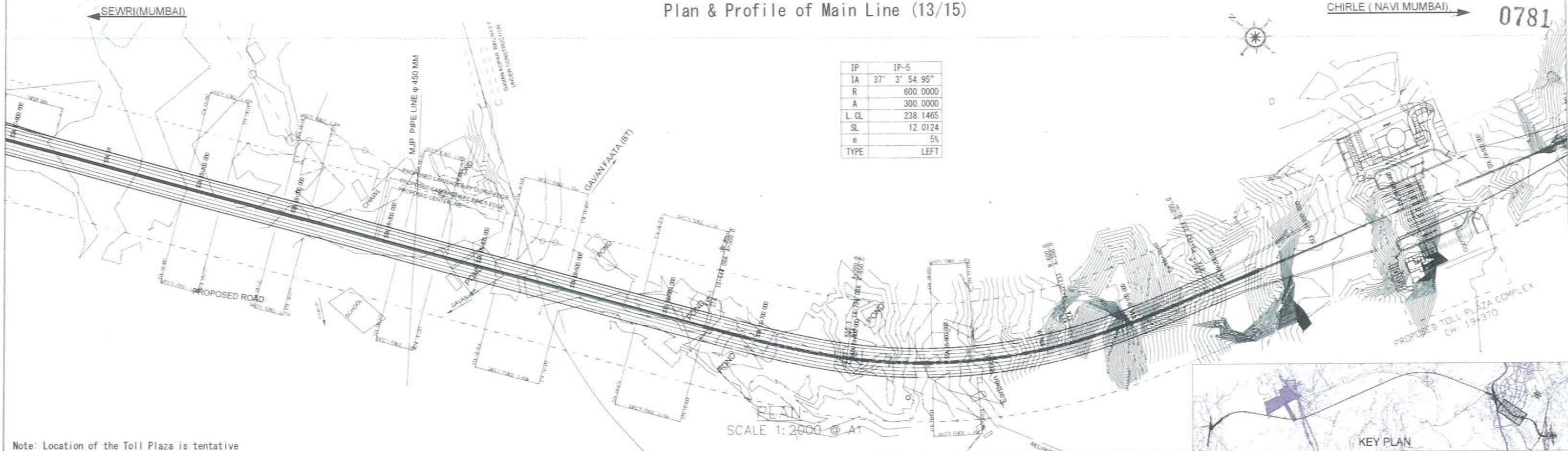
TITLE -	Plan & Profile of Main Line (12/15) FROM CH 16+500 TO CH 18+000
DATE	
DRAWING NO.	H-012
REV.	



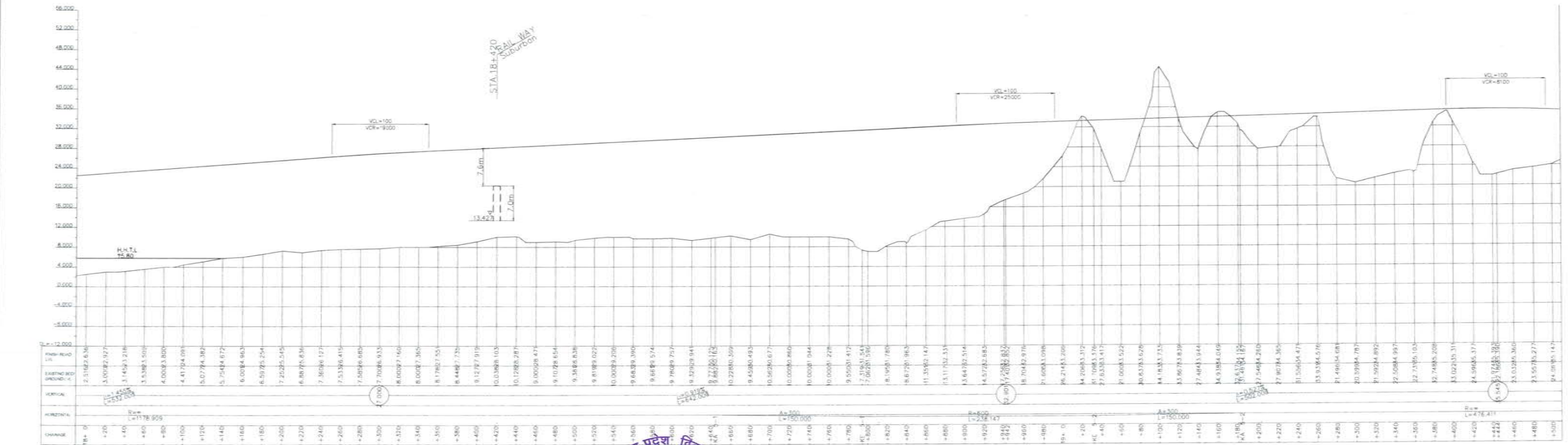
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Plan & Profile of Main Line (13/15)

CHIRLE (NAVI MUMBAI) → 0781



Note: Location of the Toll Plaza is tentative



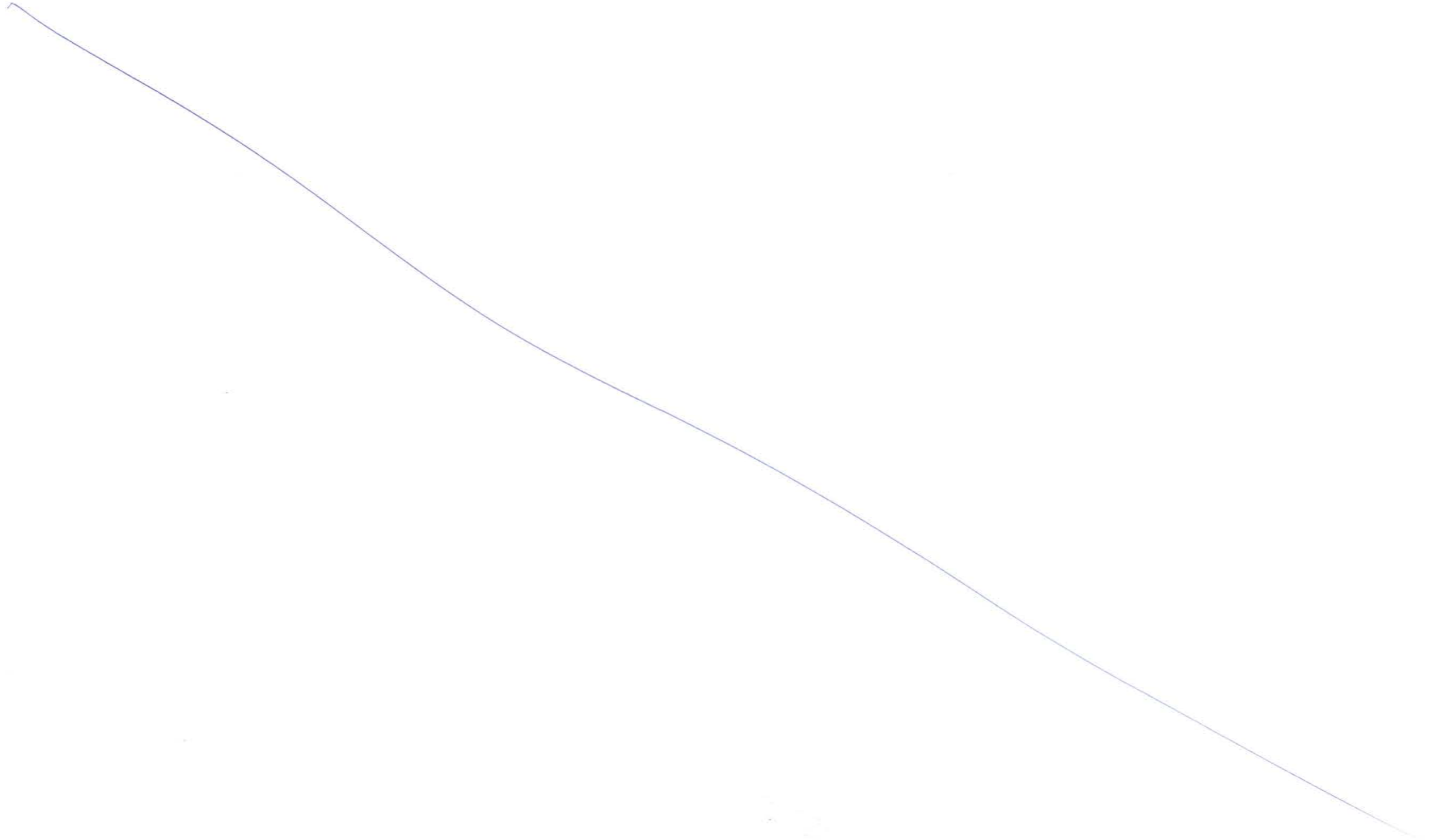
DRAWN BY	NAME	SIGN
CHECKED BY		
APPROVED BY		



PROFILE
SCALE H=1:2000 V=400 @ A1
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -	Plan & Profile of Main Line (13/15) FROM CH 18+00 TO CH 19+50	
DATE	DRAWING NO.	REV.
	H-013	

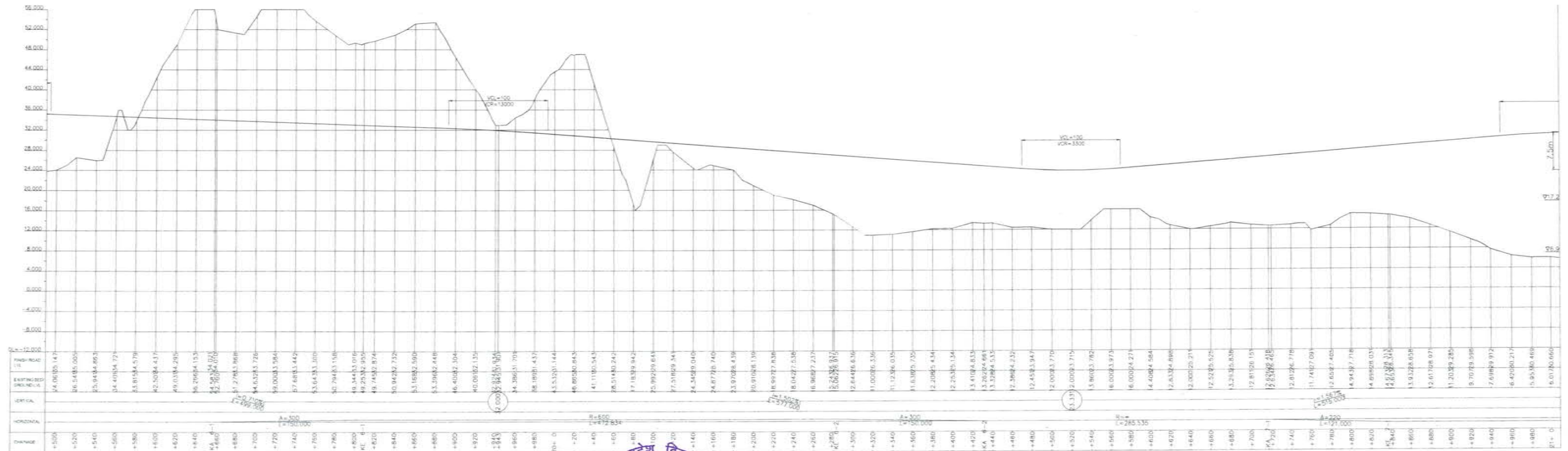
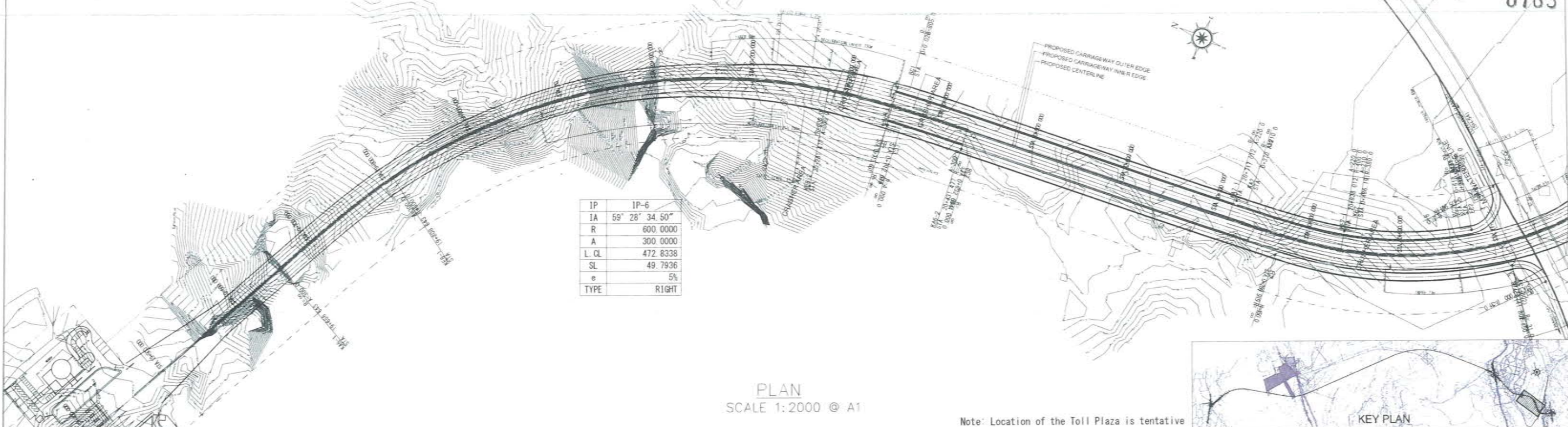


0782

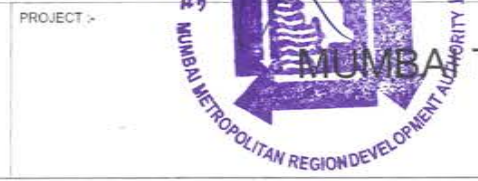
SEWRI (MUMBAI)

Plan & Profile of Main Line (14/15)

CHIRLE (NAVI MUMBAI) 0783



DRAWN BY	NAME	SIGN
CHECKED BY		
APPROVED BY		



PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT

TENDER DRAWINGS



TITLE -	Plan & Profile of Main Line (14/15) FROM CH 19+500 TO CH 21+000
DATE	
DRAWING NO.	H-014
REV.	

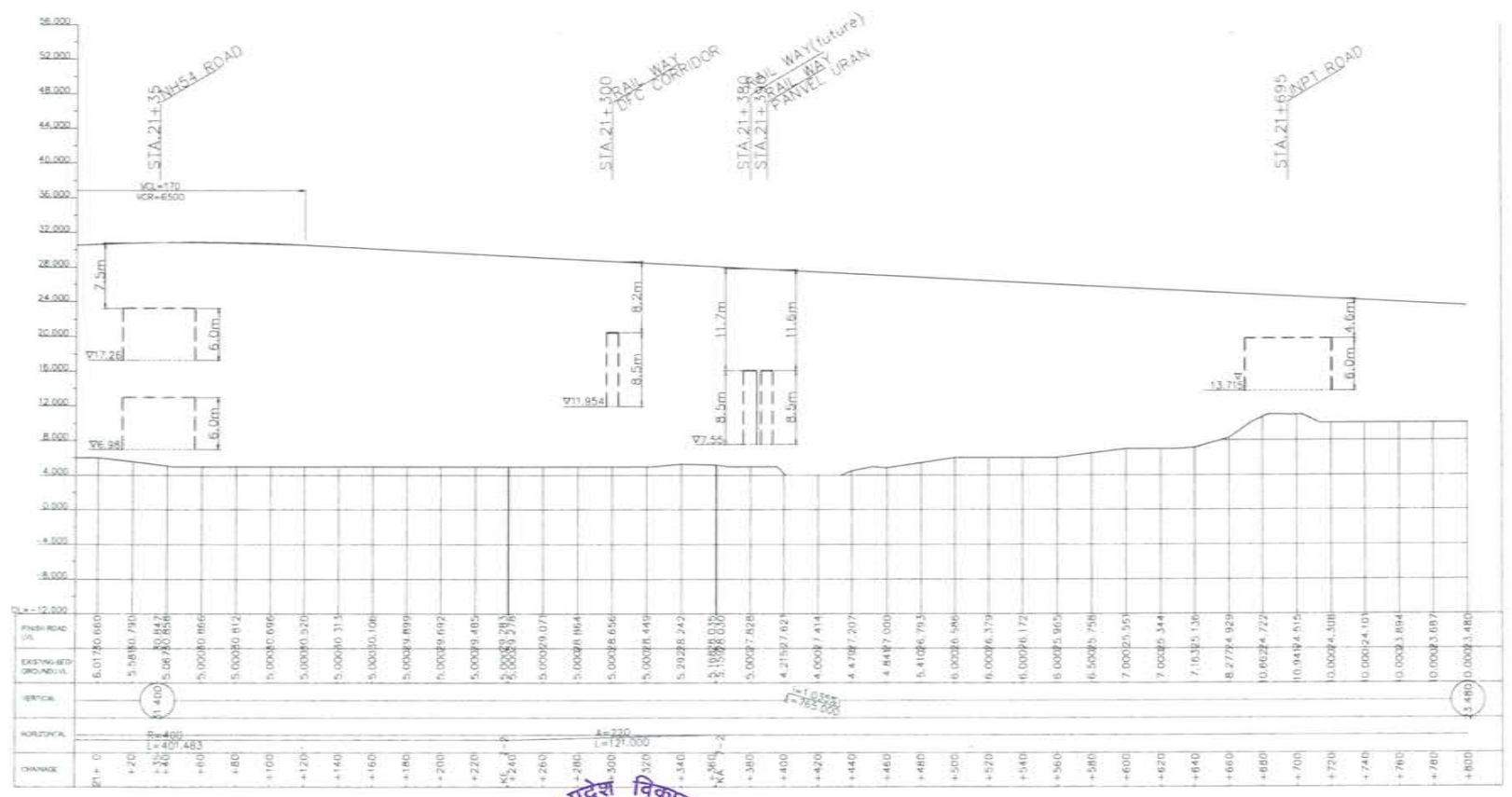
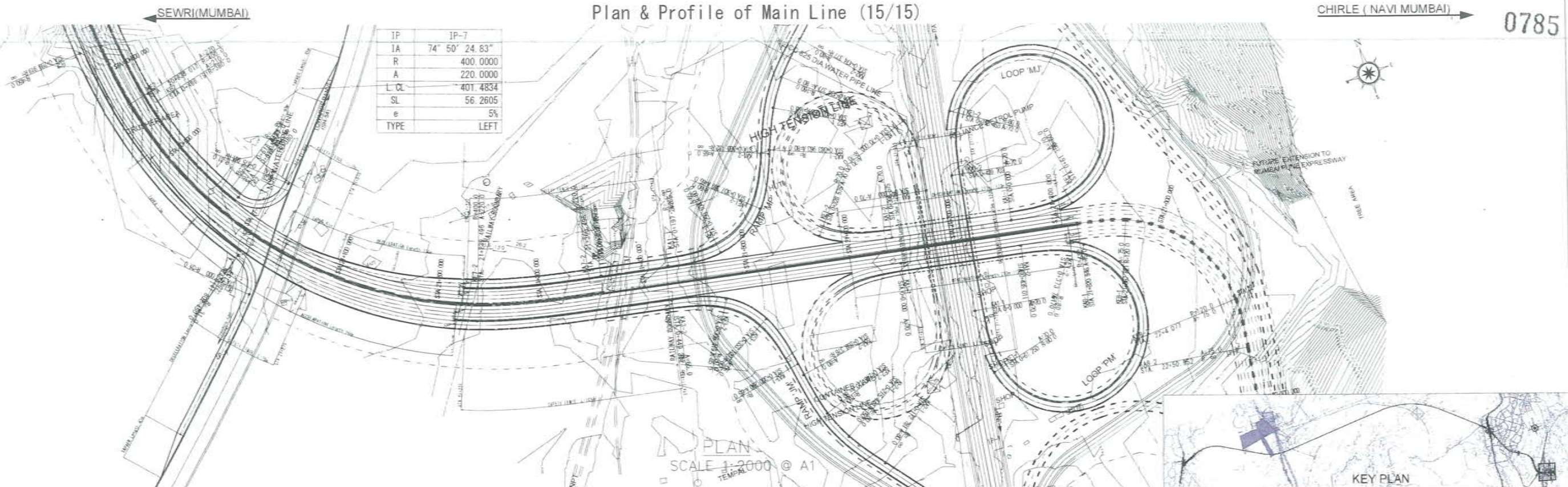


0784
10/10/10

Plan & Profile of Main Line (15/15)

CHIRLE (NAVI MUMBAI)

0785



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APPROVED BY	



PROJECT >



PROFILE SCALE 1:1000 V=400 @ A1

MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS



TITLE -		Plan & Profile of Main Line (15/15) FROM CH 21+000 TO CH 21+800	
DATE	DRAWING NO.	REV.	
	H-015		



10
20
30
40
50
60
70
80
90



RAMP NAME	DISCRIPTION
RAMP -A	FROM EASTERN FREEWAY SOUTH (COLABA SIDE) TO MTHL
RAMP-B	FROM MTHL TO EASTERN FREEWAY NORTH (WADALA SIDE)
RAMP-C1	FROM MTHL TO EASTERN FREEWAY SOUTH (COLABA SIDE)
RAMP-C2	FROM MTHL TO MESSANT ROAD (NORTH/SOUTH)
RAMP-E	FROM EASTERN FREEWAY NORTH (WADALA SIDE) TO MTHL
RAMP-F	FROM MESSANT ROAD (NORTH/ SOUTH) TO MTHL
MTHL RAMP	MTHL TO / FROM Sewri Worli connector

PROPOSED LANDSCAPING

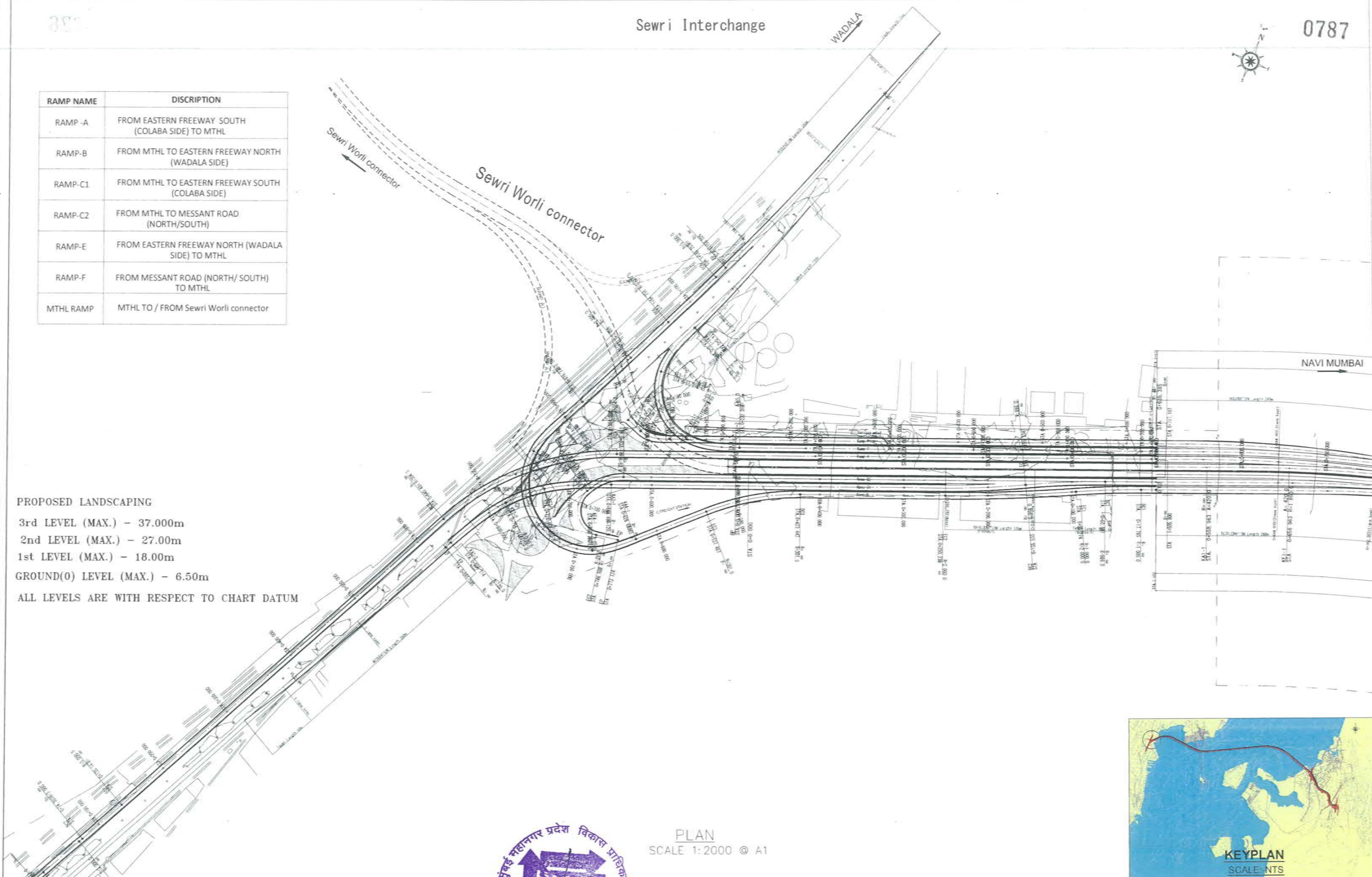
3rd LEVEL (MAX.) - 37.000m

2nd LEVEL (MAX.) - 27.00m

1st LEVEL (MAX.) - 18.00m

GROUND(0) LEVEL (MAX.) - 6.50m

ALL LEVELS ARE WITH RESPECT TO CHART DATUM



PLAN
SCALE 1:2000 @ A1



NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

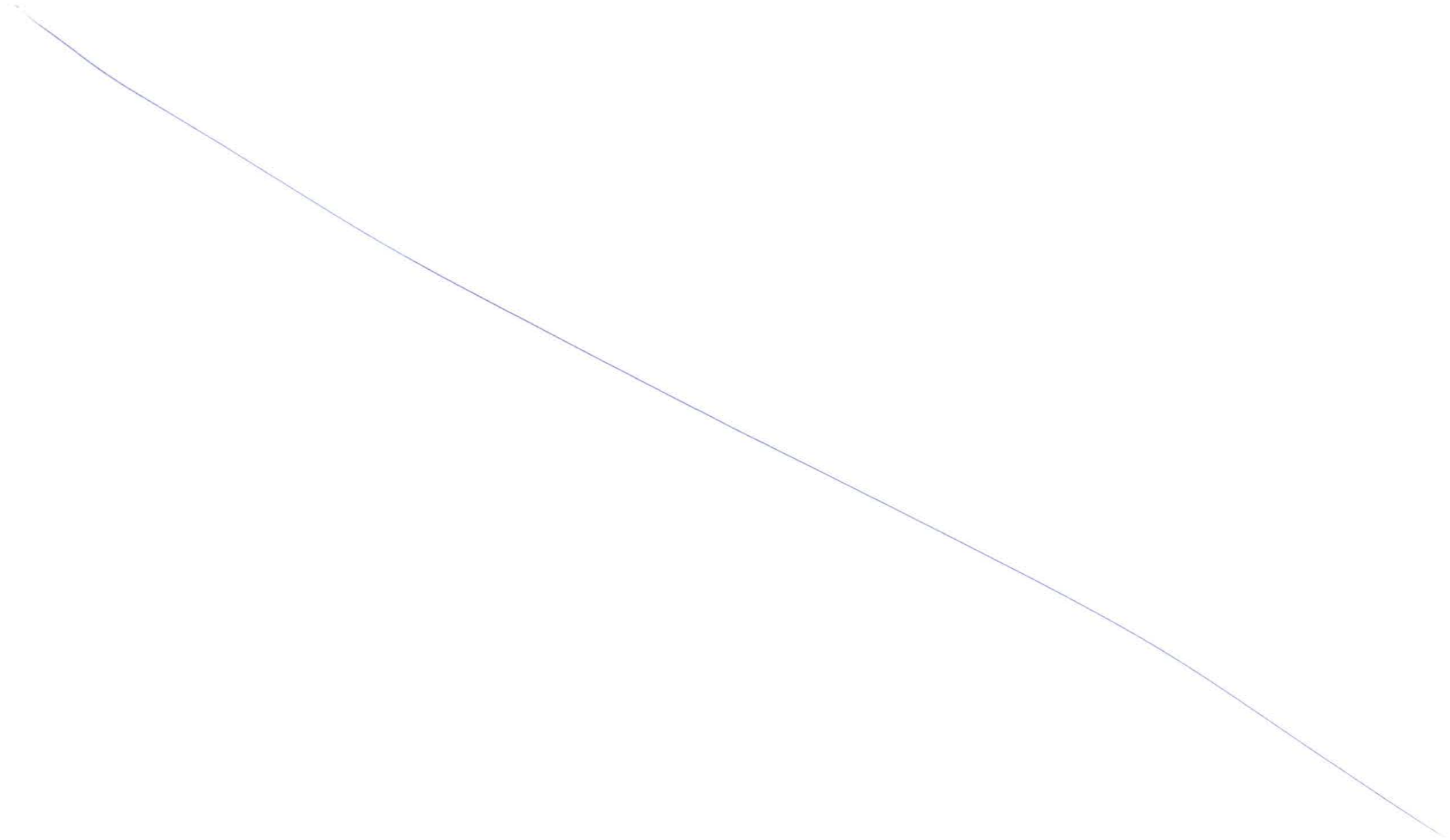
PROJECT -



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -	Sewri Interchange		
DATE	DRAWING NO.	REV.	
	H-016		



[Faint handwritten text, possibly a signature or date, located at the bottom center of the page.]

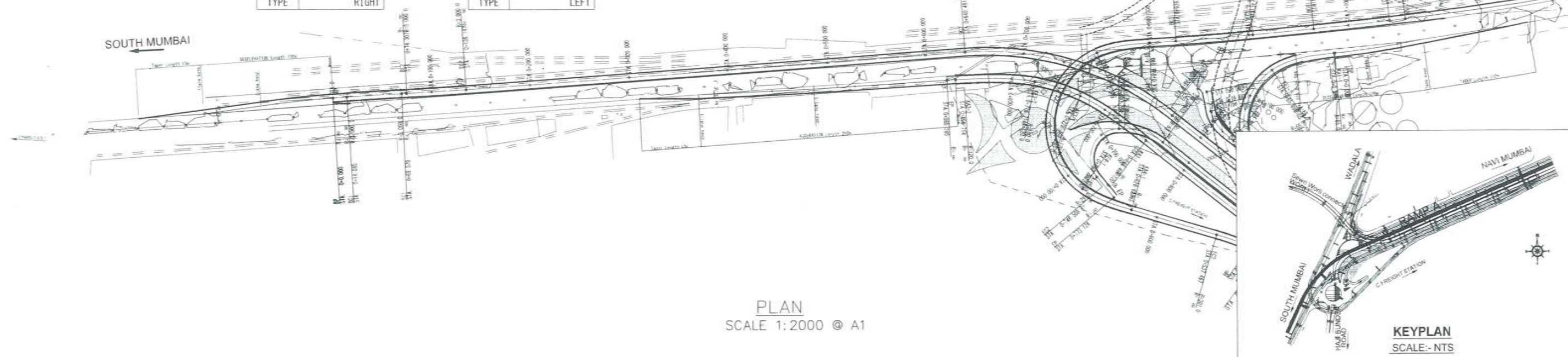
Plan of RAMP A in Sewri Interchange

MTHL 0789
(NAVI MUMBAI)

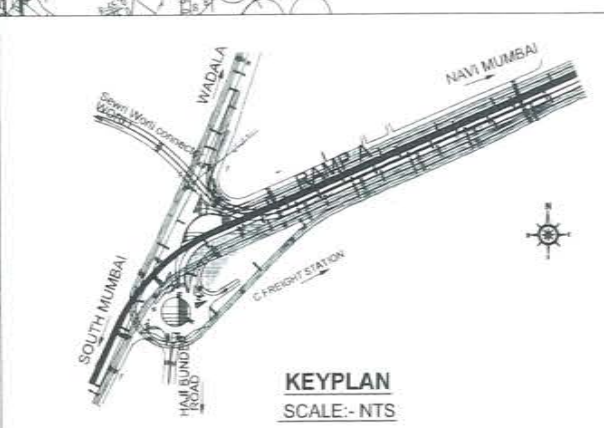
EASTERN FREEWAY SOUTH
(COLABA)

RAMP A'		IP-1
IA	1° 3' 35.50"	
R	3000.0000	
L. CL	55.4941	
SL	0.1283	
e	2.5%	
TYPE	RIGHT	

RAMP A'		IP-2
IA	1° 9' 43.05"	
R	3000.0000	
L. CL	60.8400	
SL	0.1542	
e	2.5%	
TYPE	LEFT	

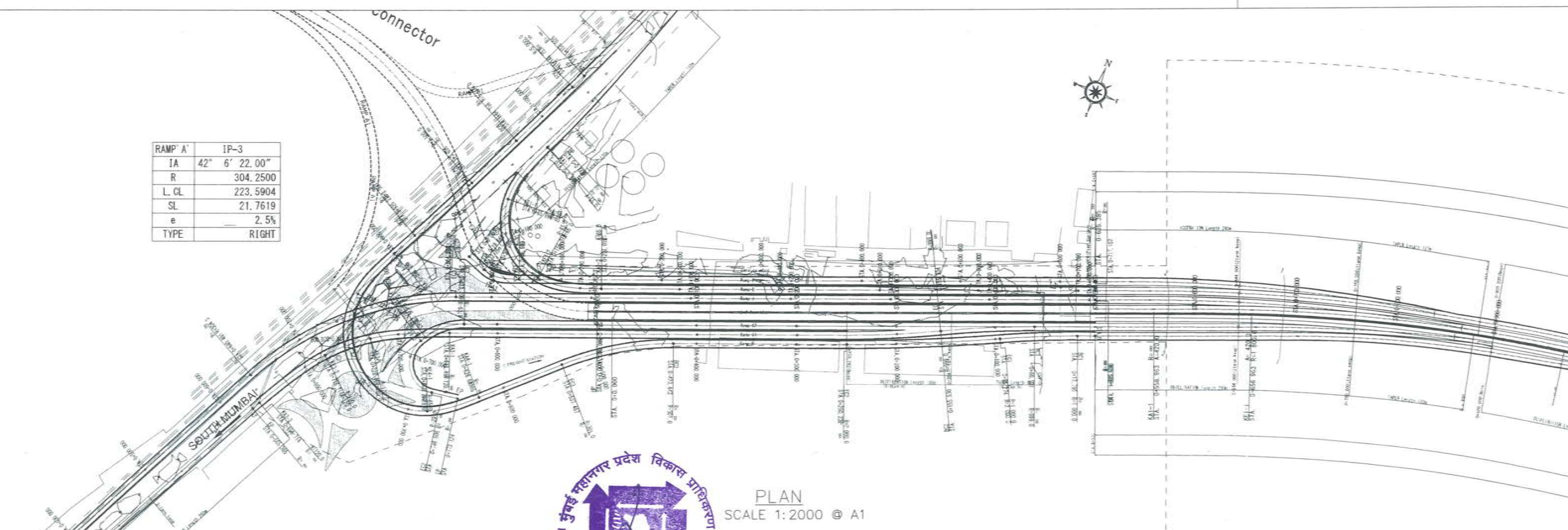


PLAN
SCALE 1:2000 @ A1



KEYPLAN
SCALE:- NTS

RAMP A'		IP-3
IA	42° 6' 22.00"	
R	304.2500	
L. CL	223.5904	
SL	21.7619	
e	2.5%	
TYPE	RIGHT	



PLAN
SCALE 1:2000 @ A1



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



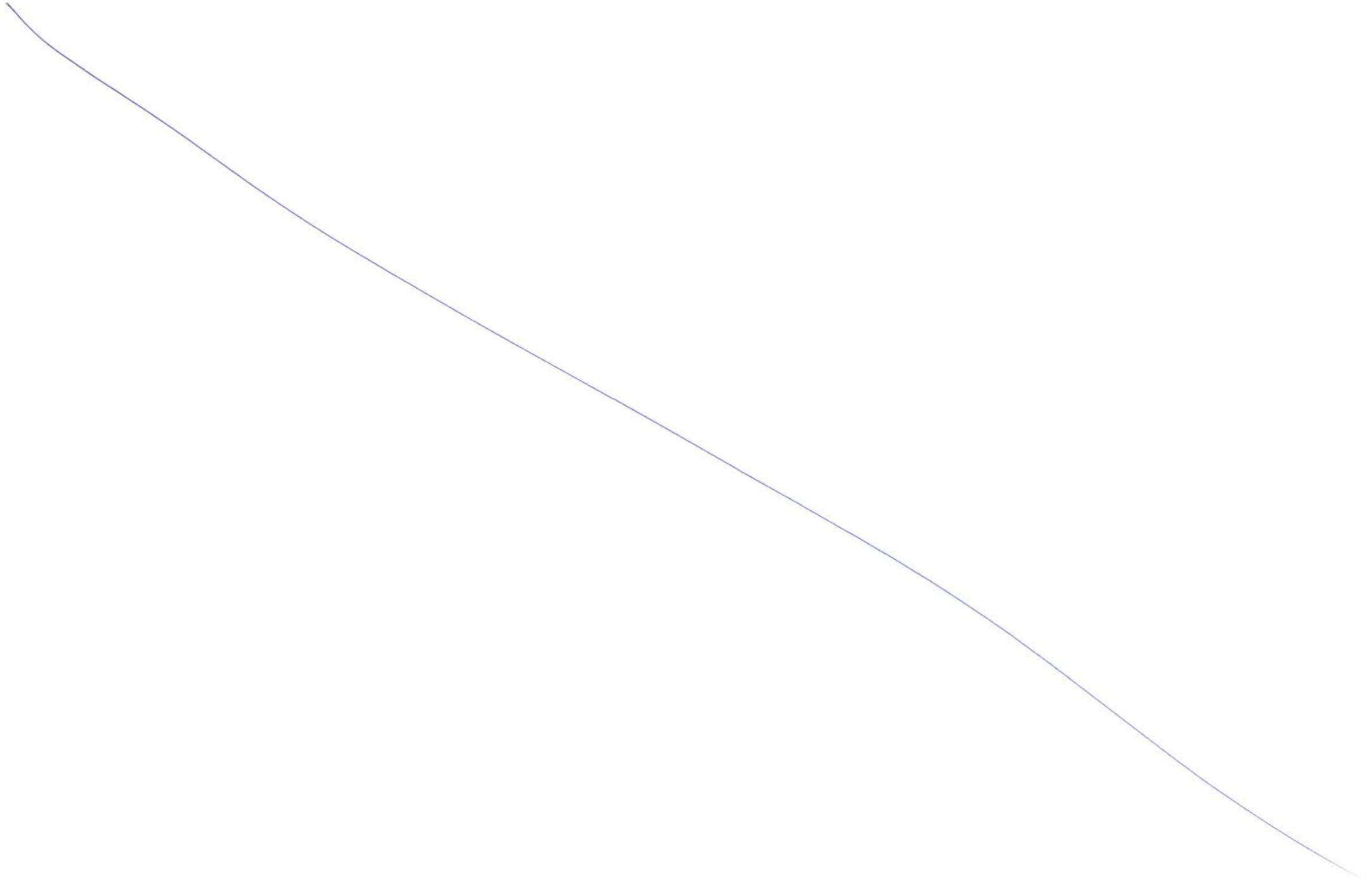
TITLE -		Plan of RAMP A in Sewri Interchange FROM CH:0+000 TO CH:1+505.800	
DATE	DRAWING NO.	H-017	REV.

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

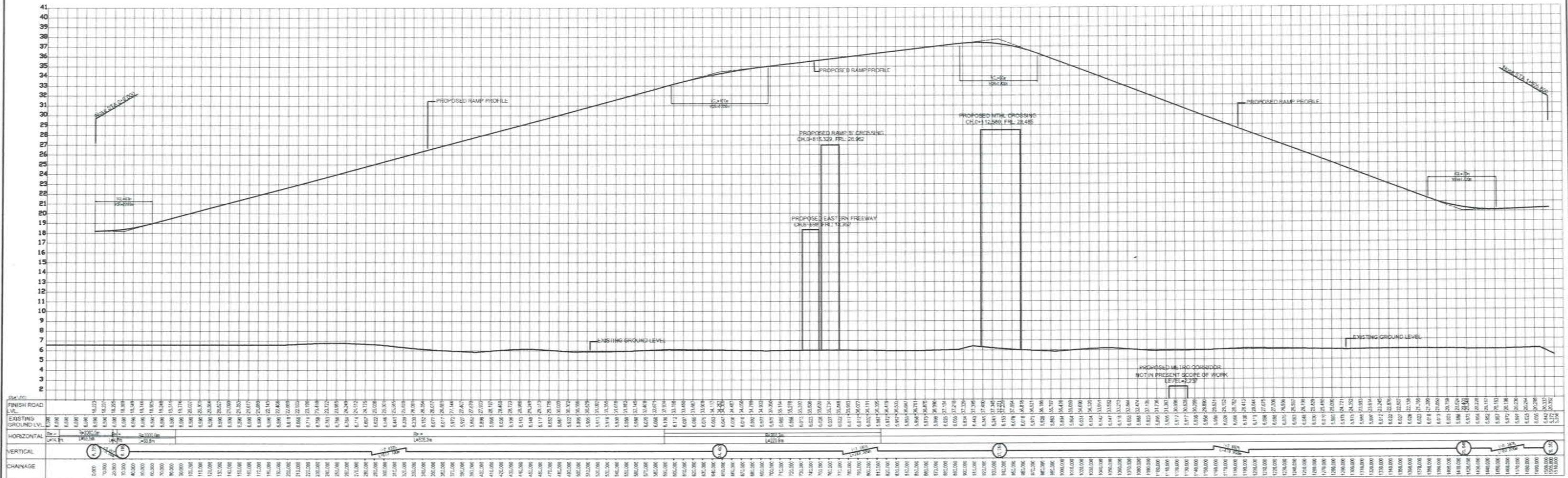


MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -



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PROFILE
SCALE H=1: 2000 V=400 @ A1

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -

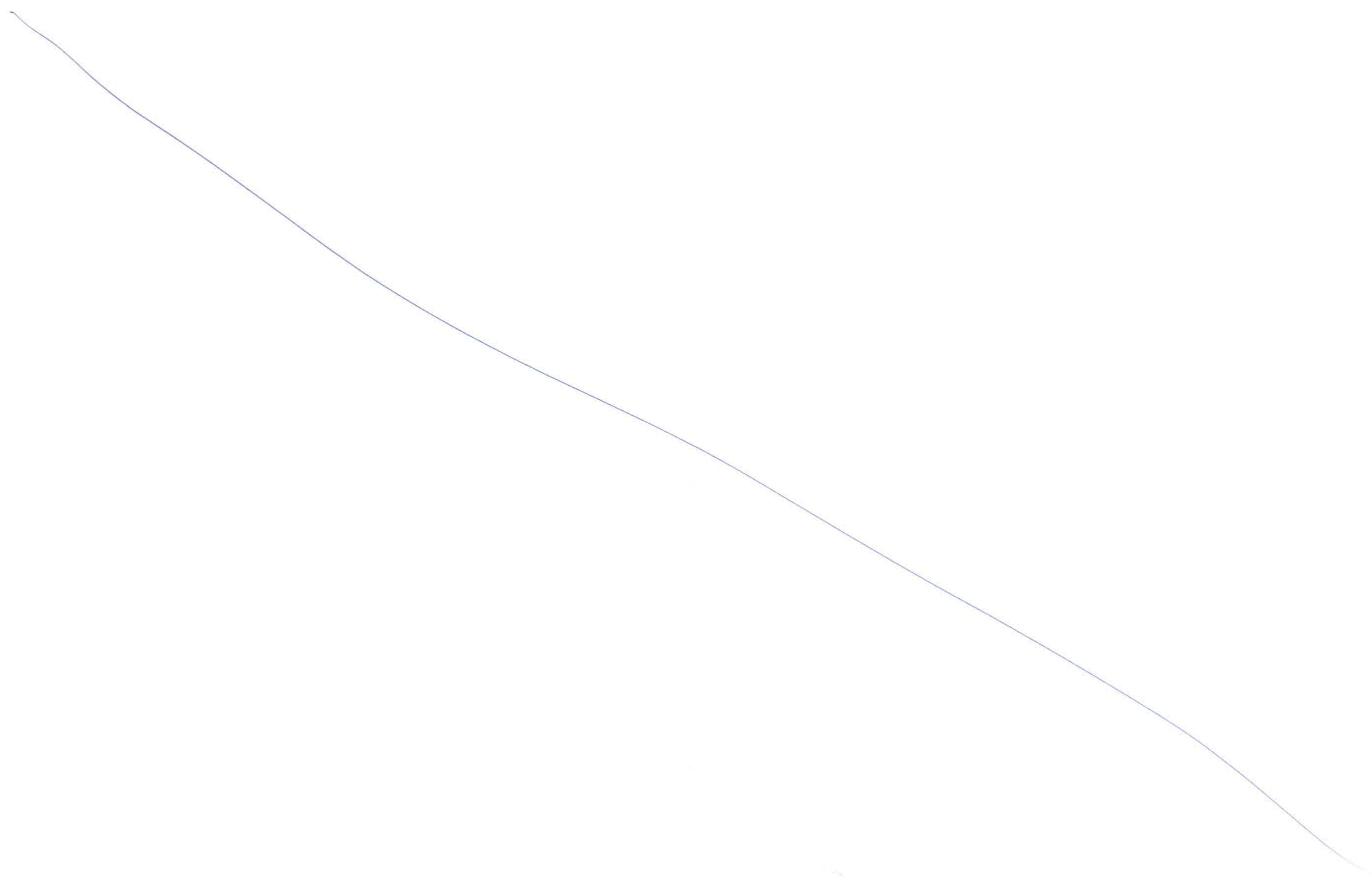
Profile of RAMP A in Sewri Interchange
FROM CH:0+000 TO CH:1+505.800

DATE.

DRAWING NO.

H-018

REV.



10

Plan of RAMP B in Sewri Interchange

MTHL
(NAVI MUMBAI)

EASTERN FREEWAY
(WADALA)

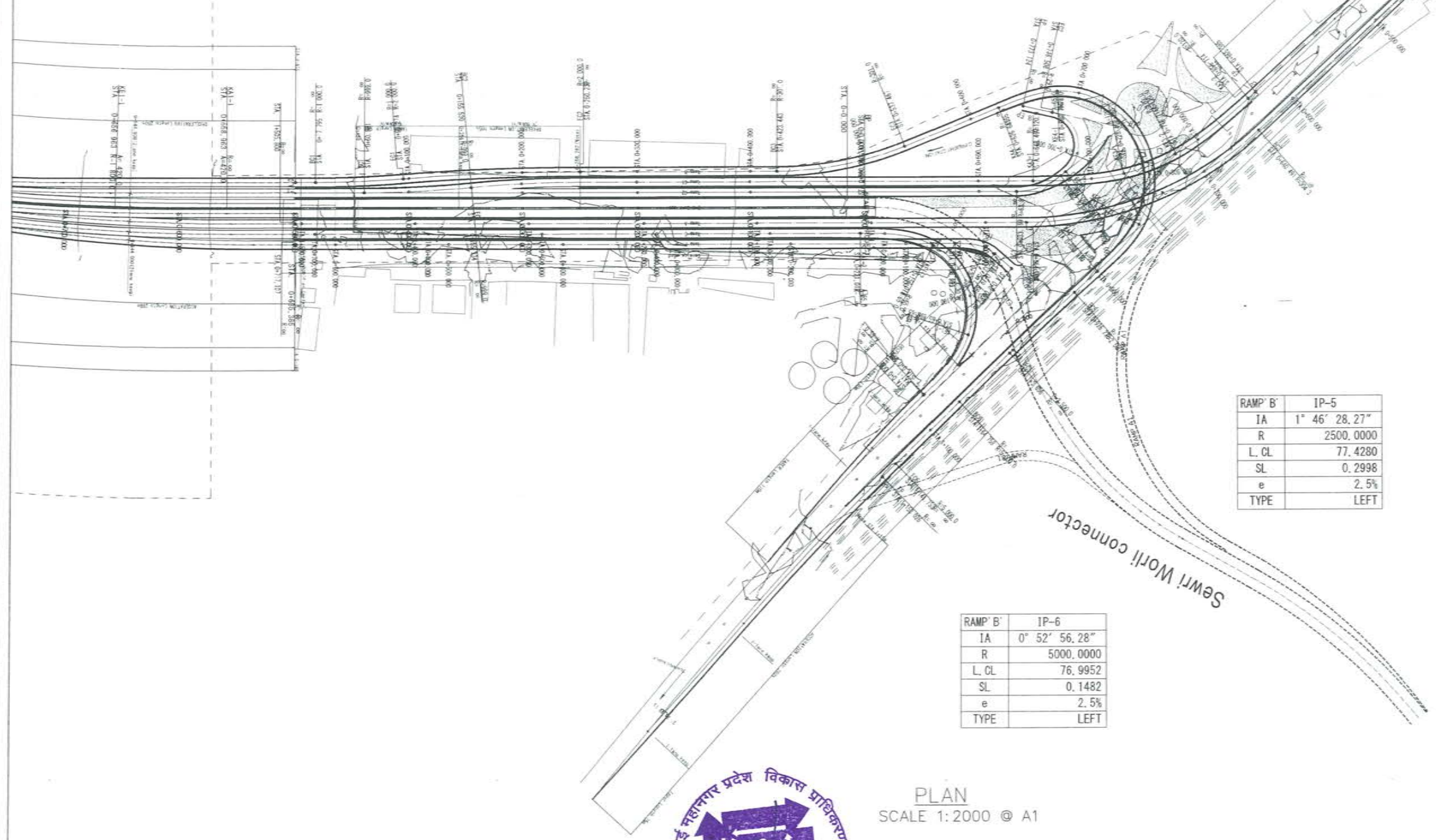
0793

RAMP B'	IP-1
IA	4° 26' 21.19"
R	1000.0000
L. CL	77.4790
SL	0.7508
e	2.5%
TYPE	LEFT

RAMP B'	IP-2
IA	4° 26' 21.20"
R	2000.0000
L. CL	154.9581
SL	1.5017
e	2.5%
TYPE	RIGHT

RAMP B'	IP-3
IA	21° 42' 16.56"
R	301.0000
L. CL	114.0238
SL	5.4812
e	2.5%
TYPE	LEFT

RAMP B'	IP-4
IA	160° 12' 56.86"
R	78.0000
A	65.0000
L. CL	163.9442
SL	79.0146
e	7.0%
TYPE	RIGHT

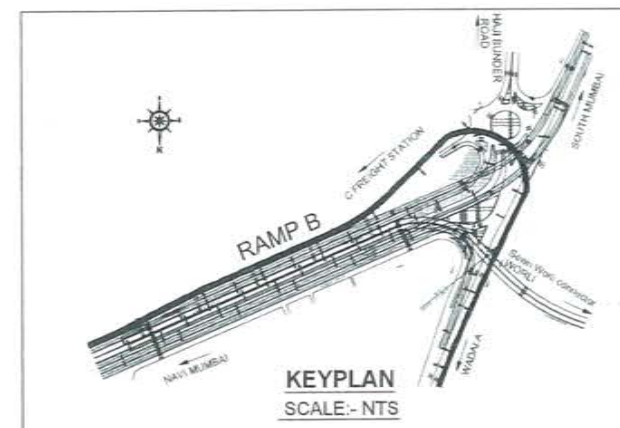


RAMP B'	IP-5
IA	1° 46' 28.27"
R	2500.0000
L. CL	77.4280
SL	0.2998
e	2.5%
TYPE	LEFT

RAMP B'	IP-6
IA	0° 52' 56.28"
R	5000.0000
L. CL	76.9952
SL	0.1482
e	2.5%
TYPE	LEFT

Sewri Worli connector

PLAN
SCALE 1:2000 © A1



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

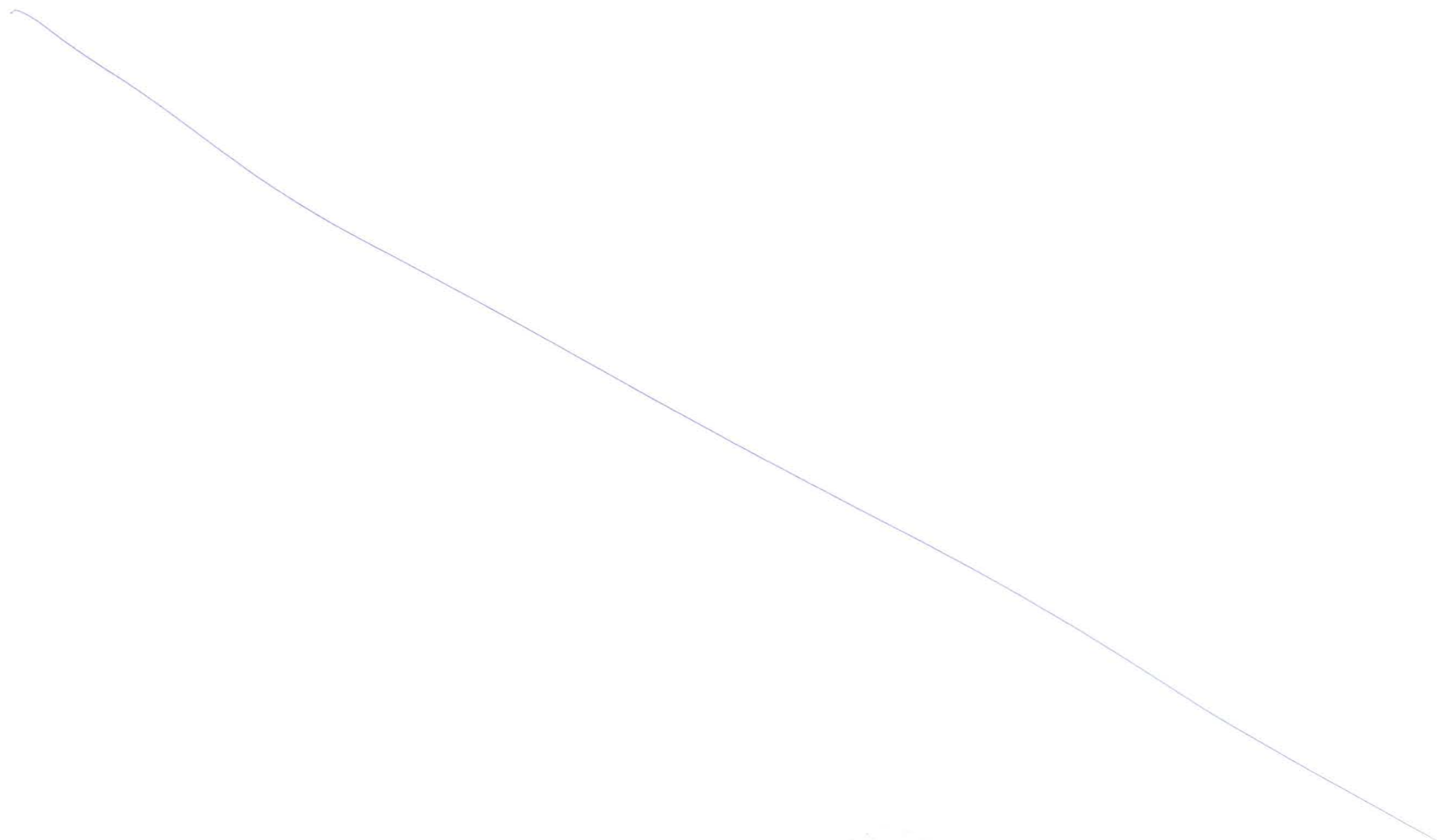
PROJECT :- **MUMBAI TRANS HARBOUR LINK PROJECT**
TENDER DRAWINGS



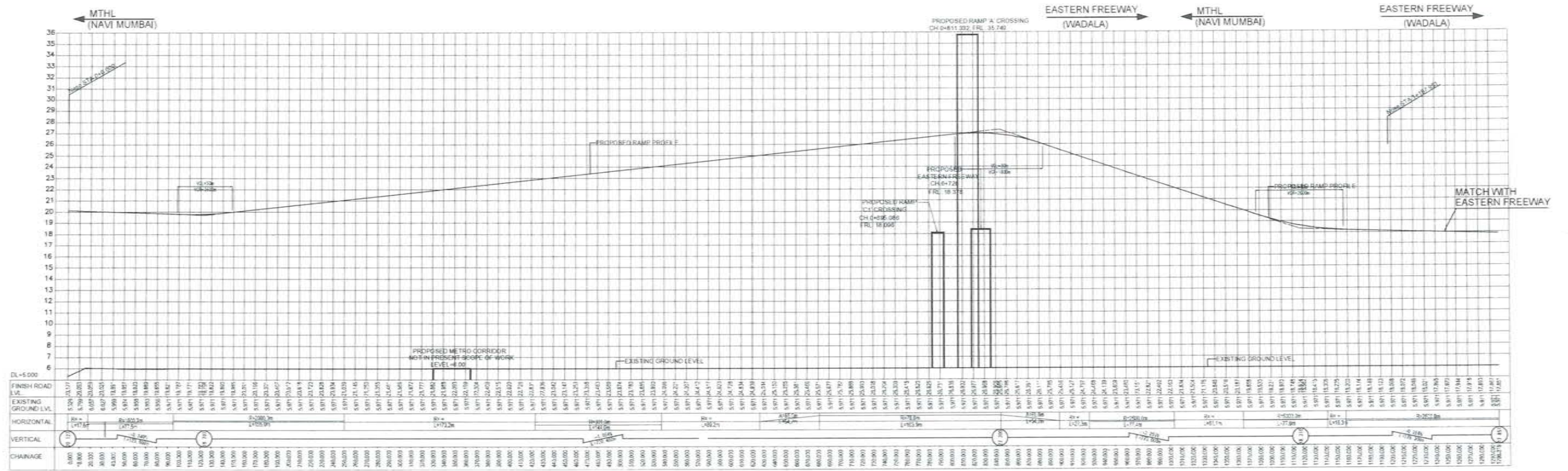
TITLE :- **Plan of RAMP B in Sewri Interchange**
FROM CH:0+000 TO CH:1+198.0

DATE: _____ DRAWING NO. **H-019** REV. _____

NAME	SIGN
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APPROVED BY	



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PROFILE
SCALE H=1:2000 V=400 @ A1



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

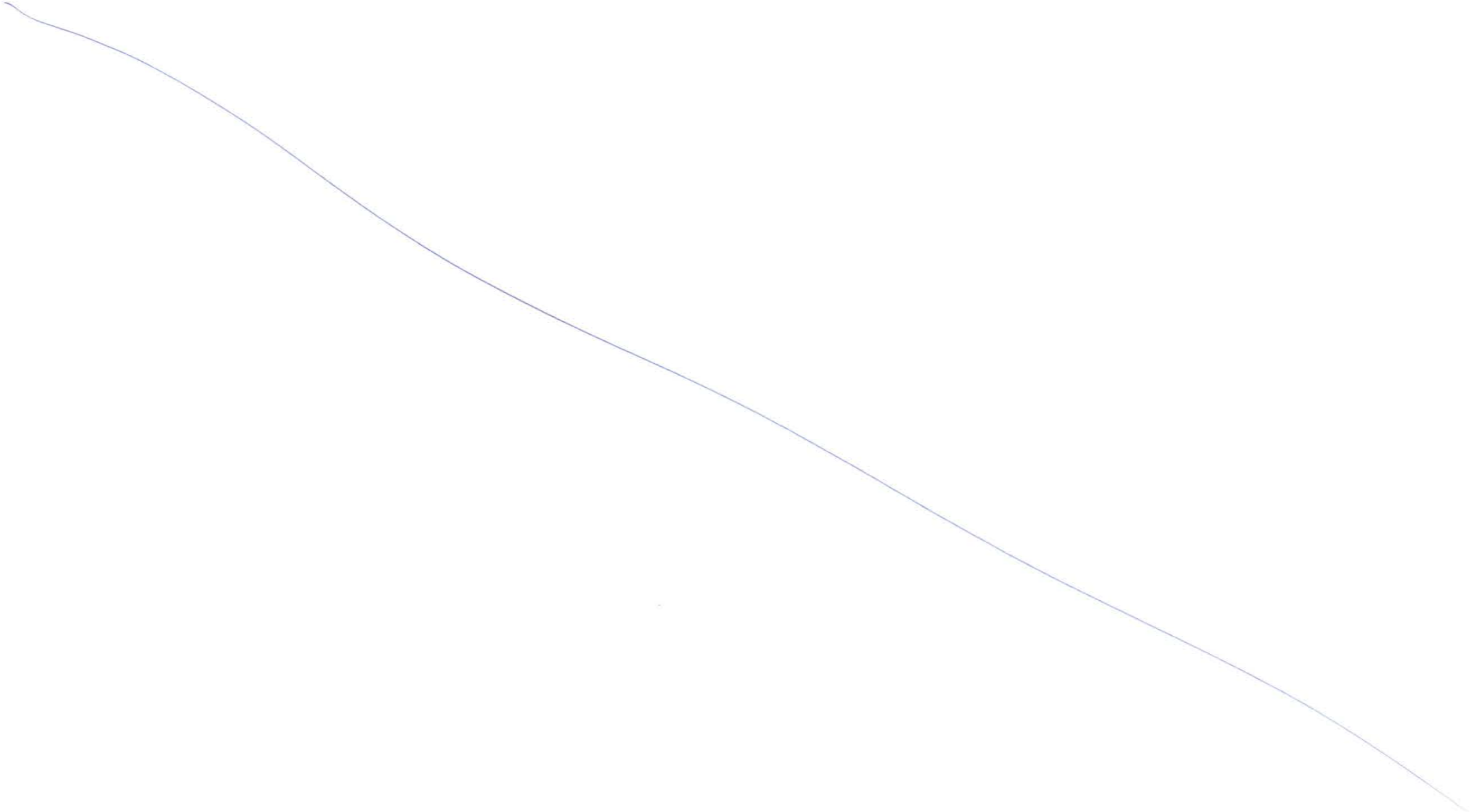
**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**



TITLE -
**Profile of RAMP B in Sewri Interchange
FROM CH:0+000 TO CH:1+198.0**

DATE: _____ DRAWING NO. **H-020** REV. _____

NAME	SIGN
DRAWN BY:	
CHECKED BY:	
APPROVED BY:	



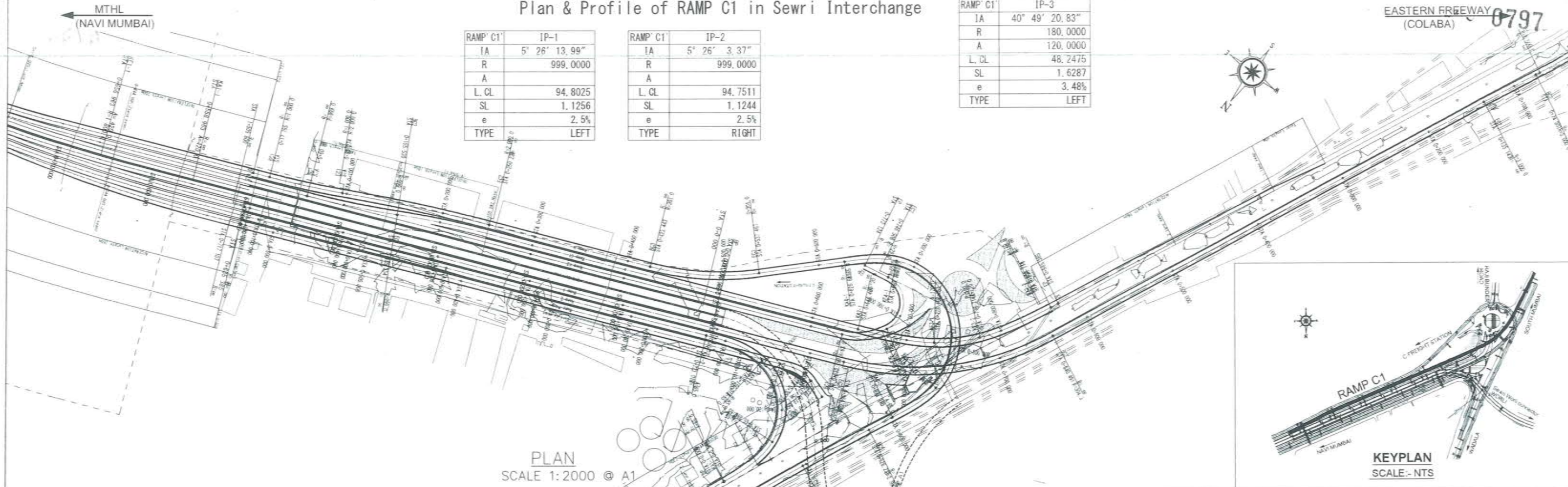
Plan & Profile of RAMP C1 in Sewri Interchange

EASTERN FREEWAY (COLABA) 0797

RAMP C1	IP-1
IA	5° 26' 13.99"
R	999.0000
A	
L. CL	94.8025
SL	1.1256
e	2.5%
TYPE	LEFT

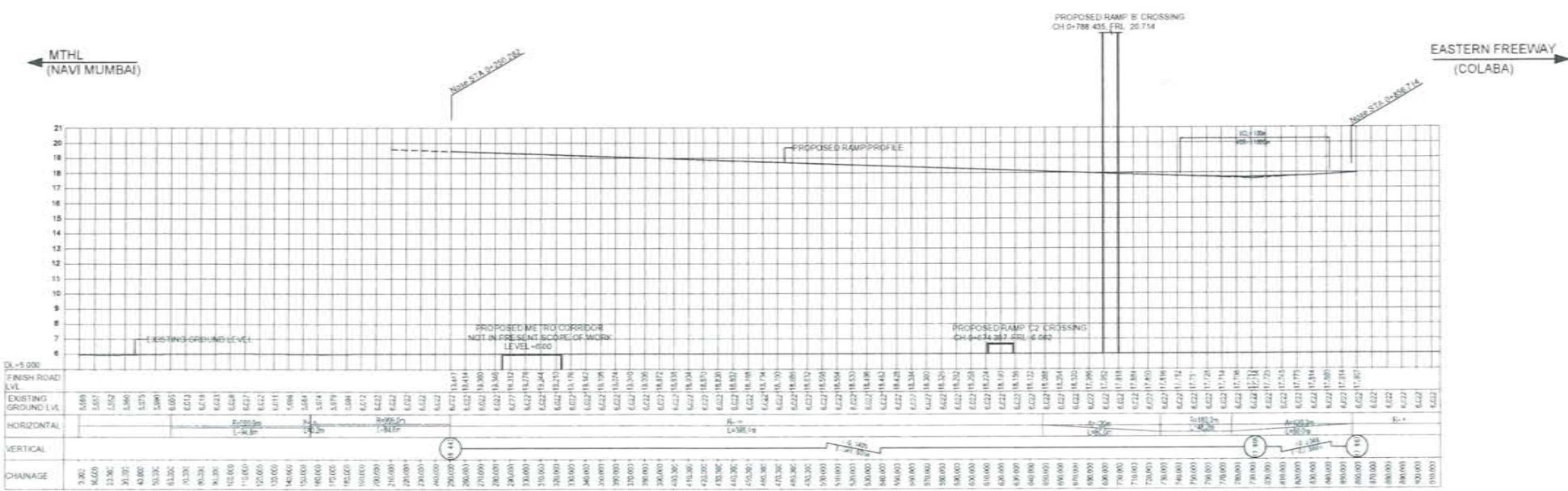
RAMP C1	IP-2
IA	5° 26' 3.37"
R	999.0000
A	
L. CL	94.7511
SL	1.1244
e	2.5%
TYPE	RIGHT

RAMP C1	IP-3
IA	40° 49' 20.83"
R	180.0000
A	120.0000
L. CL	48.2475
SL	1.6287
e	3.48%
TYPE	LEFT



PLAN SCALE 1:2000 @ A1

KEYPLAN SCALE - NTS



PROFILE SCALE H=1:2000 V=400 @ A1

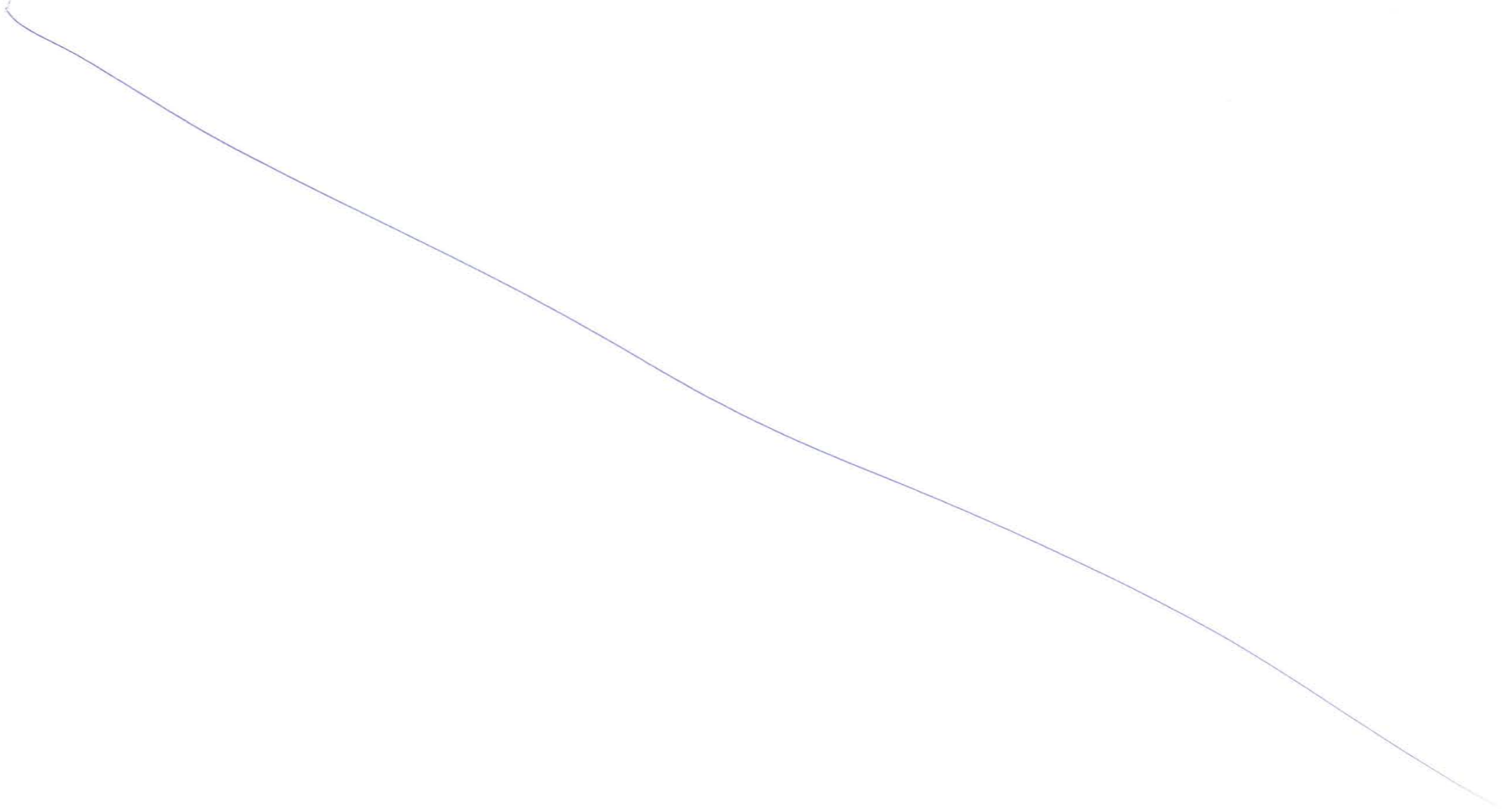
NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



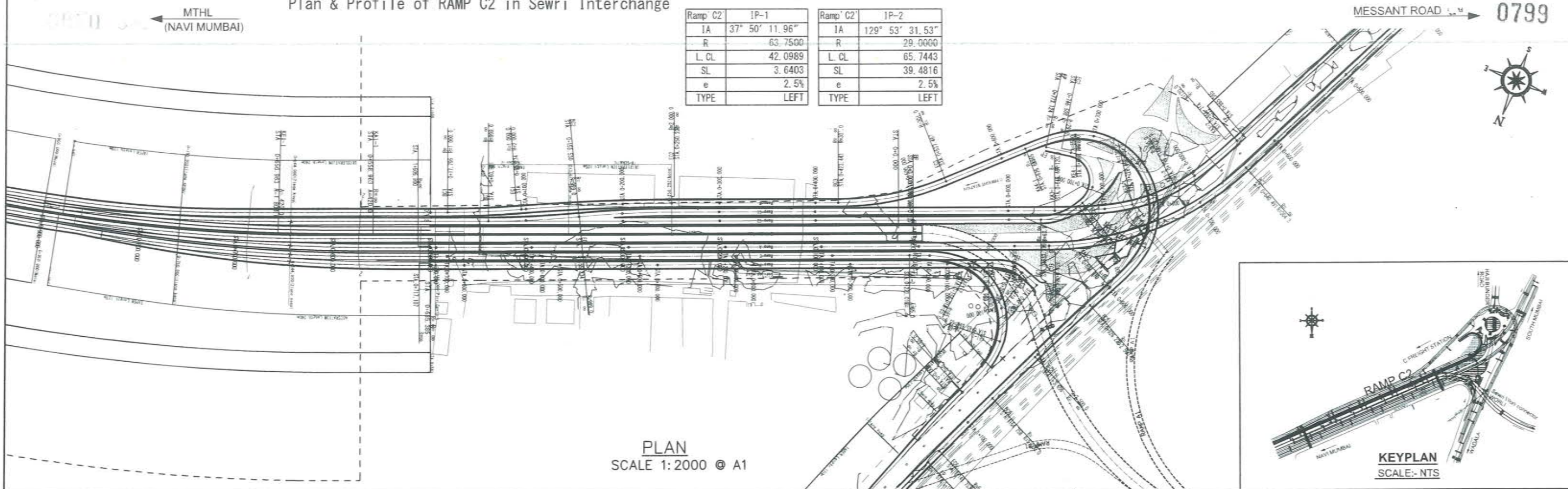
MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS



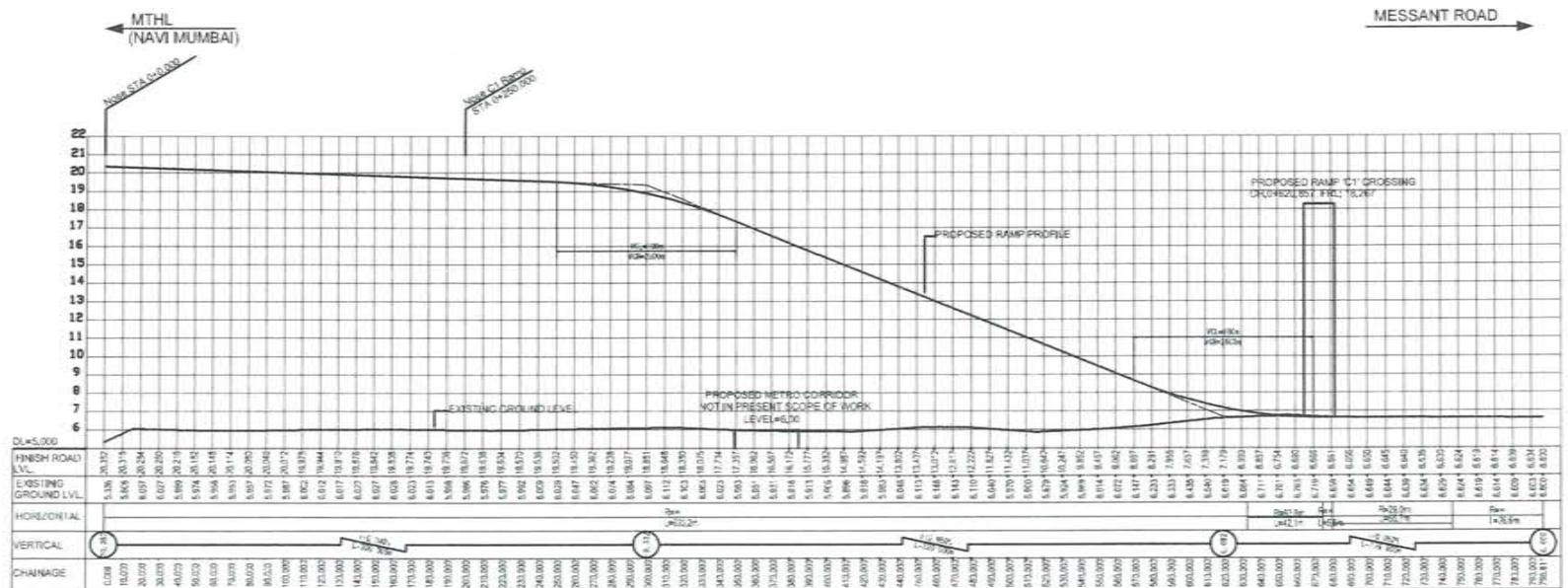
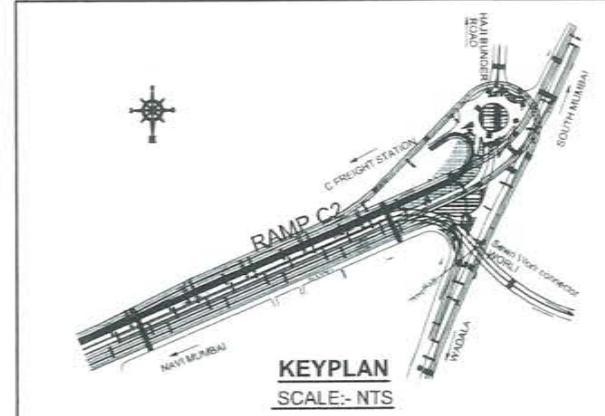
TITLE :-	Plan & Profile of RAMP C1 in Sewri Interchange FROM CH:0+250.3 TO CH:0+856.7
DATE	
DRAWING NO.	H-021
REV.	



Plan & Profile of RAMP C2 in Sewri Interchange



PLAN
SCALE 1:2000 @ A1



PROFILE
H=1:2000 V=400 @ A1

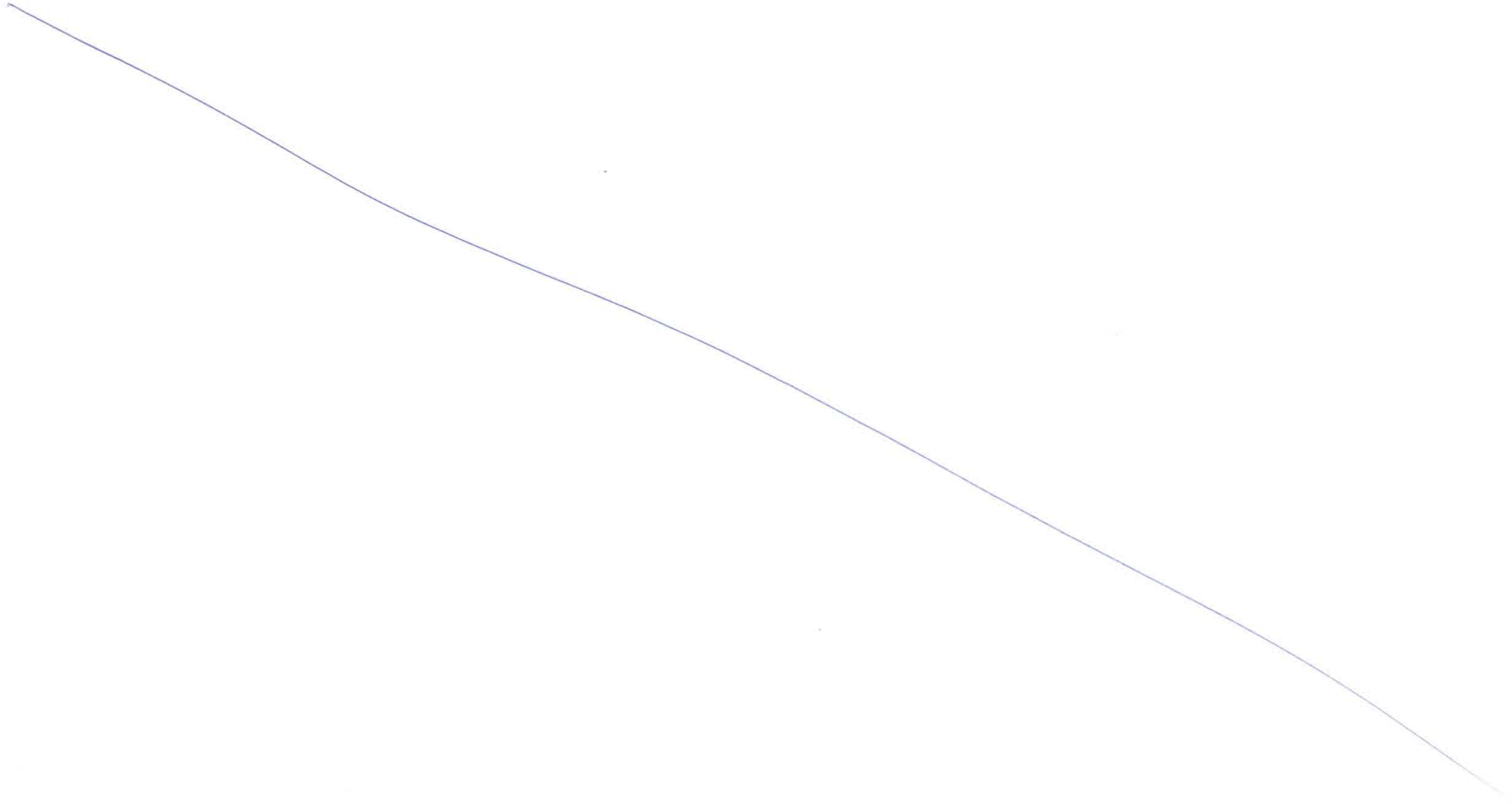
NAME	SKIN
DRAWN BY	
CHECKED BY	
APPROVED BY	



PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -	DATE	DRAWING NO.	REV.
Plan & Profile of RAMP C2 in Sewri Interchange FROM CH:0+000 TO CH:0+773.1		H-022	



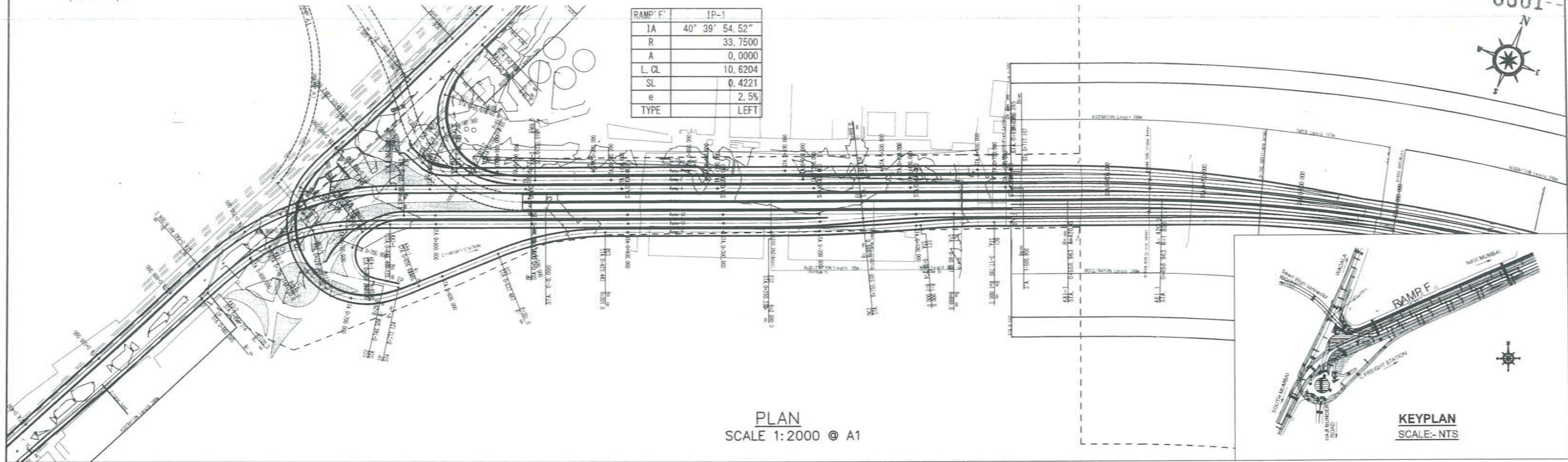
EASTERN FREEWAY
(COLABA)

Plan & Profile of RAMP F in Sewri Interchange

MTHL
(NAVI MUMBAI)
0801

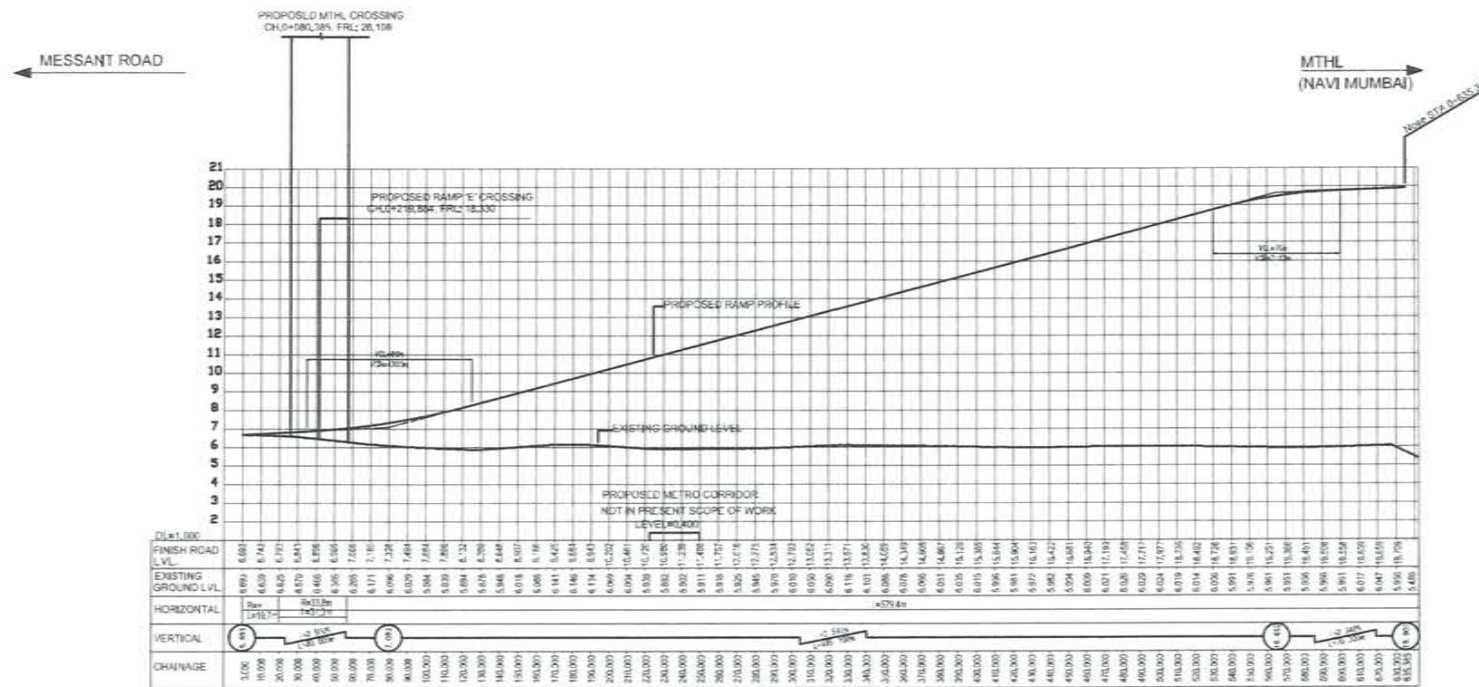


RAMP 'F'	IP-1
IA	40° 39' 54.52"
R	33,7500
A	0.0000
L. CL	10,6204
SL	0.4221
e	2.5%
TYPE	LEFT



PLAN
SCALE 1:2000 @ A1

KEYPLAN
SCALE:- NTS



PROFILE
SCALE H=1:2000 V=400 @ A1



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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT: **MUMBAI TRANS HARBOUR LINK PROJECT**
TENDER DRAWINGS



TITLE :-
Plan & Profile of RAMP F in Sewri Interchange
FROM CH:0+000 TO CH:0+635.4

DATE	DRAWING NO.	REV.
	H-023	

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



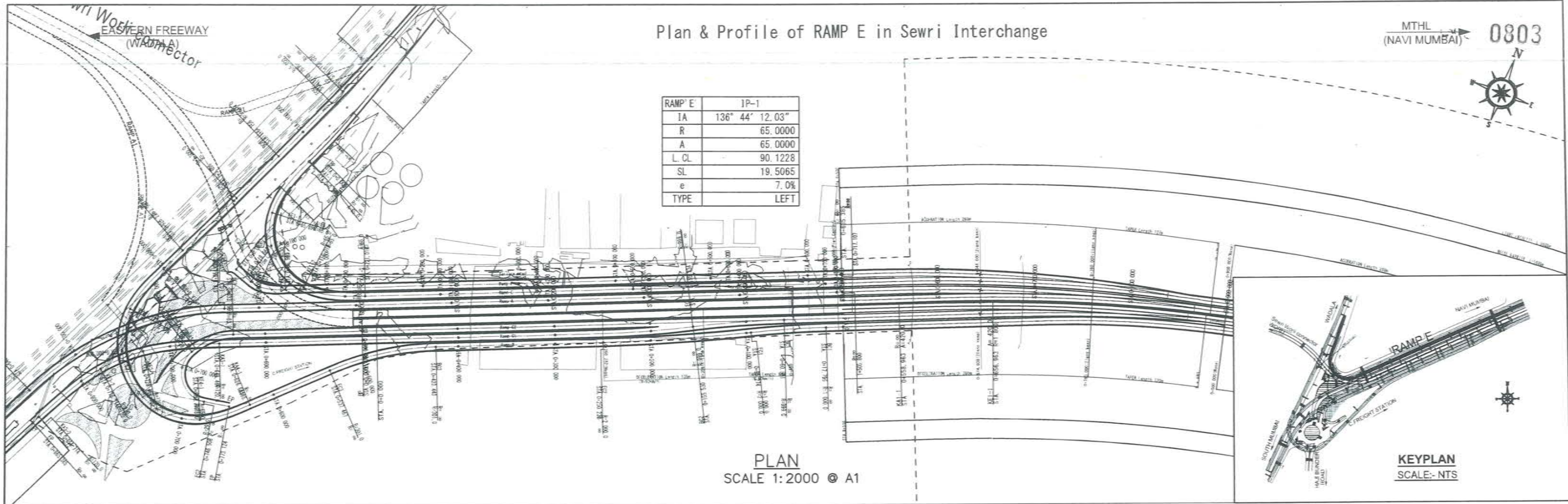
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Plan & Profile of RAMP E in Sewri Interchange

MTHL (NAVI MUMBAI) 0803

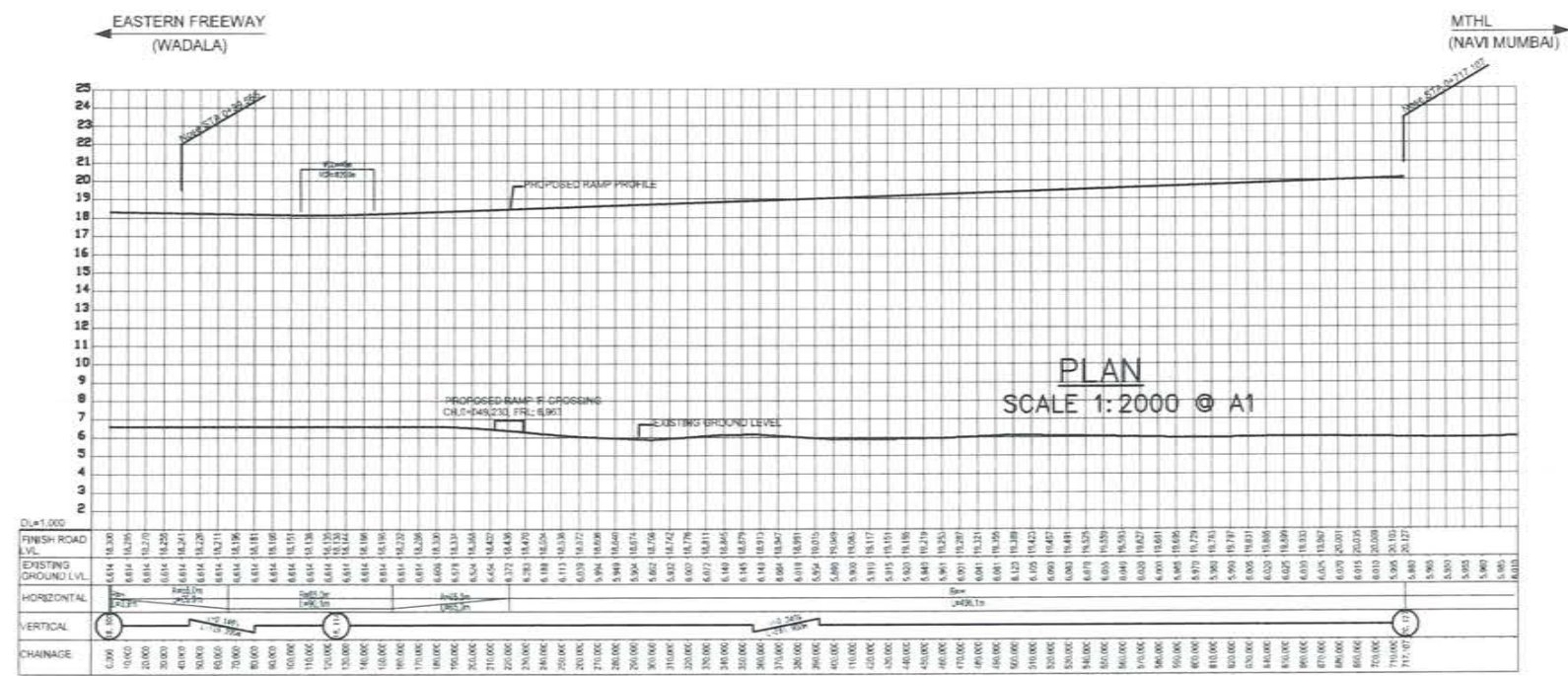


RAMP E	IP-1
IA	136° 44' 12.03"
R	65.0000
A	65.0000
L CL	90.1228
SL	19.5065
e	7.0%
TYPE	LEFT



PLAN SCALE 1:2000 © A1

KEYPLAN SCALE:- NTS



PROFILE SCALE H=1:2000 V=400 © A1

CHAINAGE	EXISTING GROUND LVL	PROPOSED RAMP PROFILE	PROPOSED RAMP CROSSING
0+00	19.5065	19.5065	
0+100	19.5065	19.5065	
0+200	19.5065	19.5065	
0+300	19.5065	19.5065	
0+400	19.5065	19.5065	
0+500	19.5065	19.5065	
0+600	19.5065	19.5065	
0+700	19.5065	19.5065	
0+717.1	19.5065	19.5065	



PROFILE SCALE H=1:2000 V=400 © A1

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

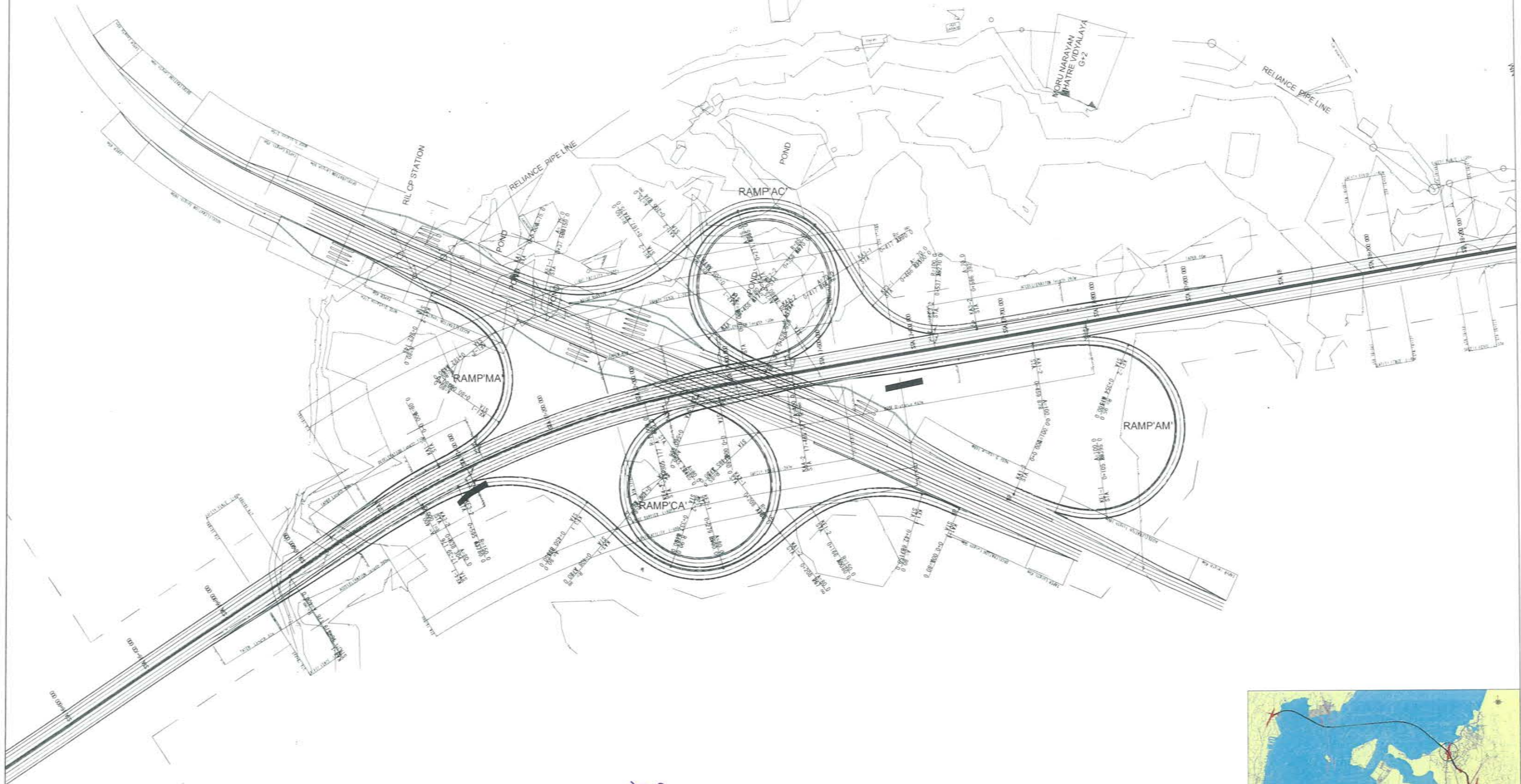
PROJECT :-

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE :-	Plan & Profile of RAMP E in Sewri Interchange FROM CH:0+39.6 TO CH:0+717.1
DATE	
DRAWING NO.	H-024
REV.	





PLAN
SCALE 1:2000 © A1



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



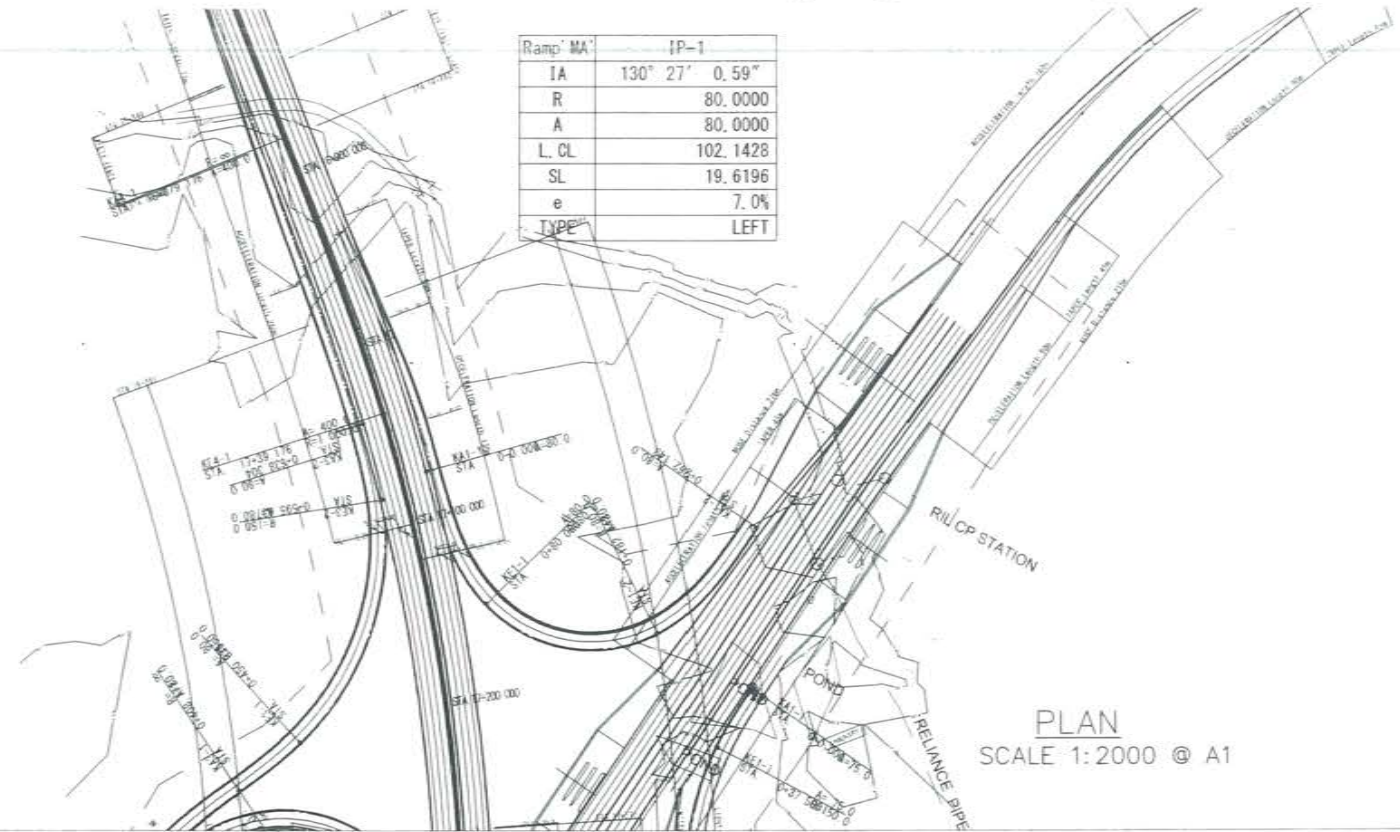
NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

TITLE -	Shivaji Nagar Interchange		
DATE	DRAWING NO.	H-025	REV.

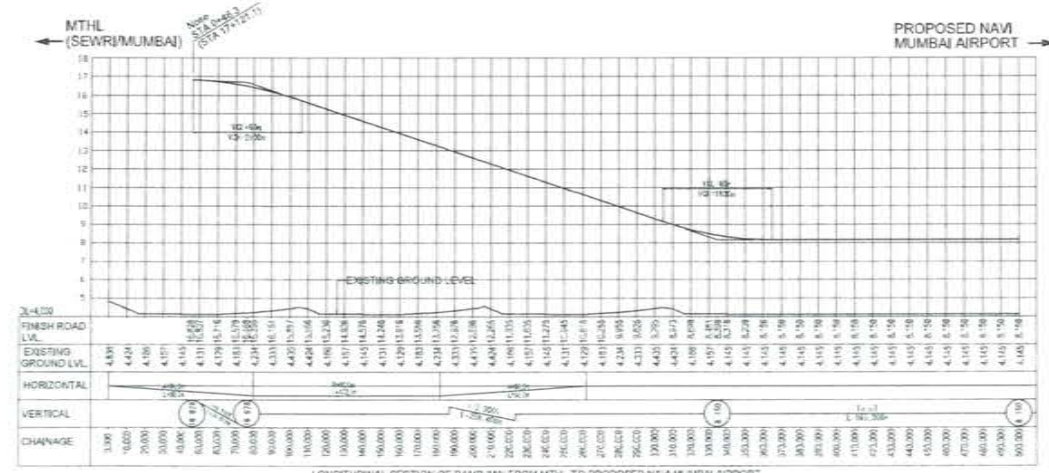
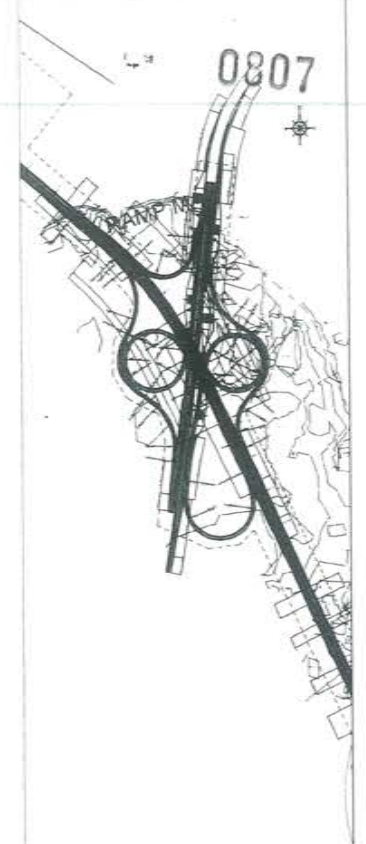


100

Plan & Profile of RAMP MA in Sivaji Nagar Interchange



Ramp MA	IP-1
IA	130° 27' 0.59"
R	80.0000
A	80.0000
L. CL	102.1428
SL	19.6196
e	7.0%
TYPE	LEFT



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT ->

TITLE -	Plan & Profile of RAMP MA in Sivaji Nagar Interchange FROM CH: 0+000 TO CH: 0+262.1
DATE	
DRAWING NO.	H-026
REV.	



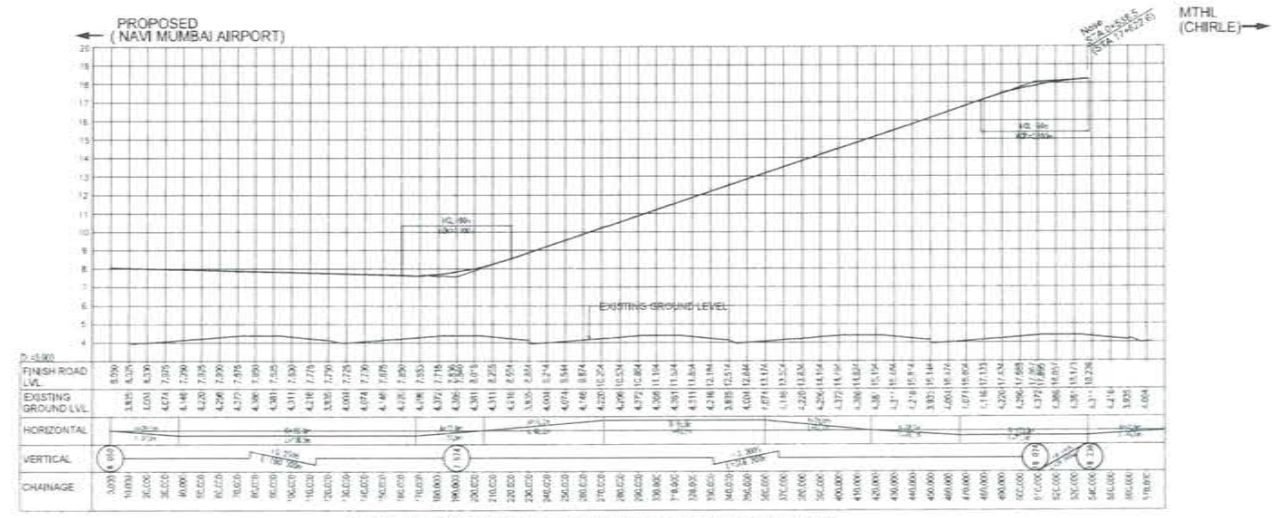
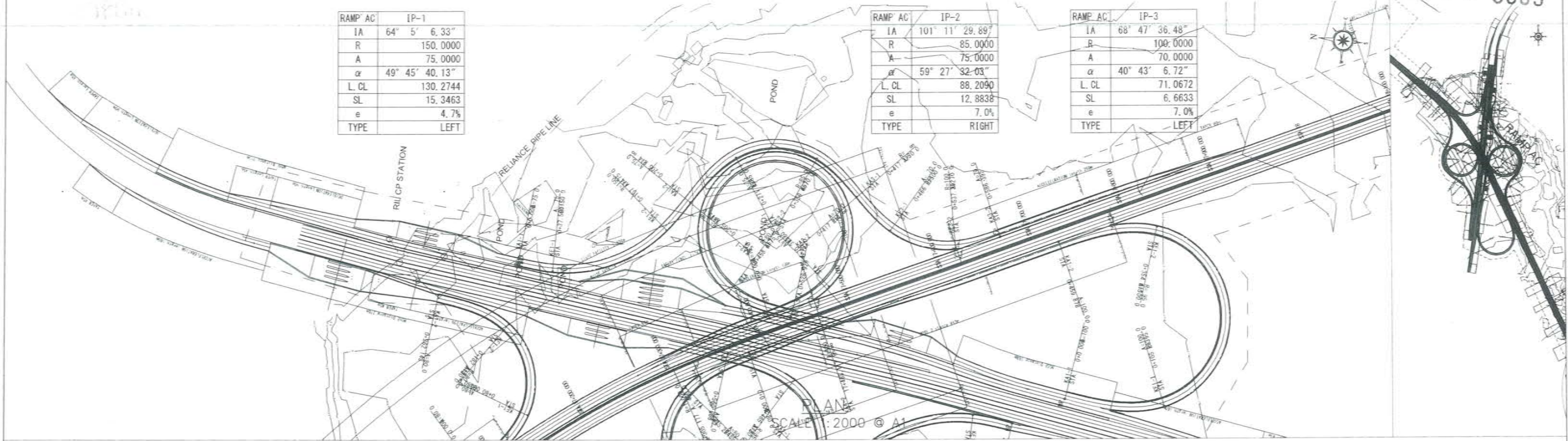
Plan & Profile of RAMP AC in Sivaji Nagar Interchange

0809

RAMP AC		IP-1
IA	64° 5'	6.33"
R	150.0000	
A	75.0000	
α	49° 45'	40.13"
L. CL	130.2744	
SL	15.3463	
e	4.7%	
TYPE	LEFT	

RAMP AC		IP-2
IA	101° 11'	29.89"
R	85.0000	
A	75.0000	
α	59° 27'	32.03"
L. CL	88.2090	
SL	12.8838	
e	7.0%	
TYPE	RIGHT	

RAMP AC		IP-3
IA	68° 47'	36.48"
R	100.0000	
A	70.0000	
α	40° 43'	6.72"
L. CL	71.0672	
SL	6.6633	
e	7.0%	
TYPE	LEFT	



PROFILE SCALE H=1:2000 V=200 @ A1

	NAME	SIGN
DRAWN BY		
CHECKED BY		
APPROVED BY		



MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS



TITLE - Plan & Profile of RAMP AC in Sivaji Nagar Interchange FROM CH: 0+000 TO CH: 0+586.4		
DATE	DRAWING NO.	REV.
	H-027	



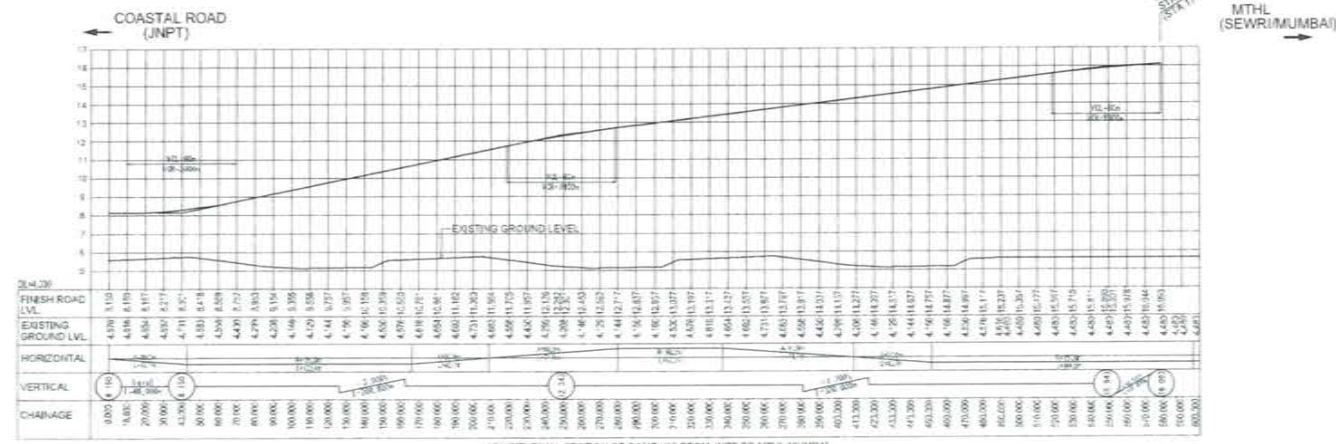
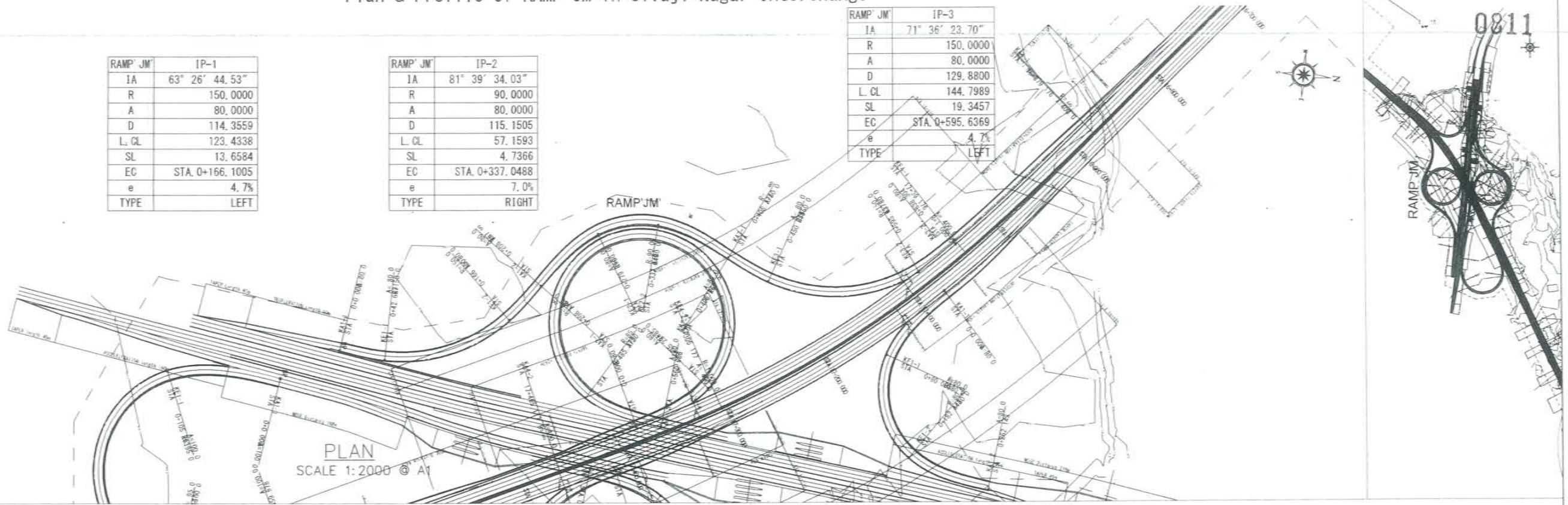
Handwritten text or signature, possibly illegible.

Plan & Profile of RAMP JM in Sivaji Nagar Interchange

RAMP JM	IP-1
IA	63° 26' 44.53"
R	150.0000
A	80.0000
D	114.3559
L. CL	123.4338
SL	13.6584
EC	STA. 0+166.1005
e	4.7%
TYPE	LEFT

RAMP JM	IP-2
IA	81° 39' 34.03"
R	90.0000
A	80.0000
D	115.1505
L. CL	57.1593
SL	4.7366
EC	STA. 0+337.0488
e	7.0%
TYPE	RIGHT

RAMP JM	IP-3
IA	71° 36' 23.70"
R	150.0000
A	80.0000
D	129.8800
L. CL	144.7989
SL	19.3457
EC	STA. 0+595.6369
e	4.7%
TYPE	LEFT



PROFILE
SCALE H=1:2000 V=200 © A1



NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

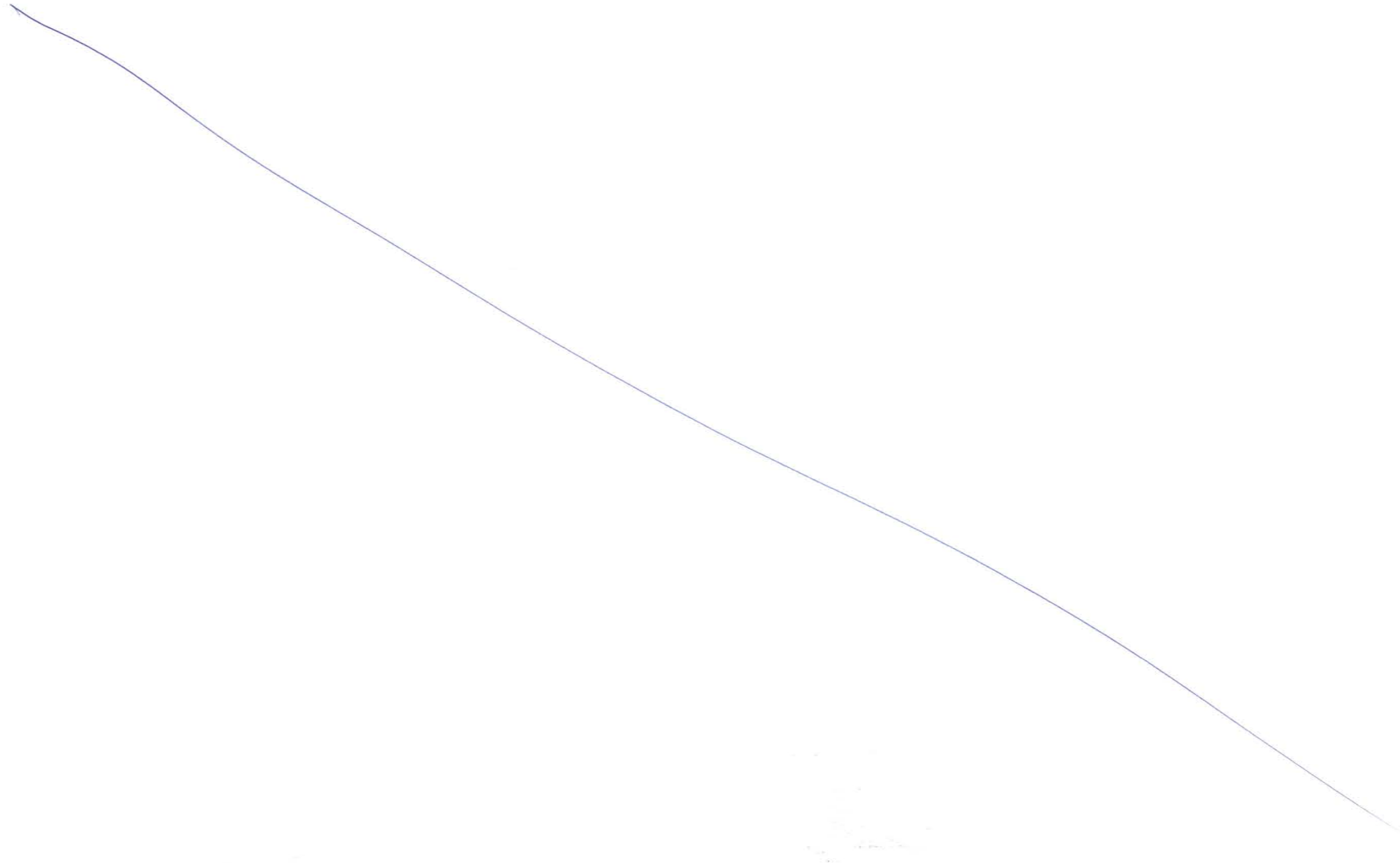
PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



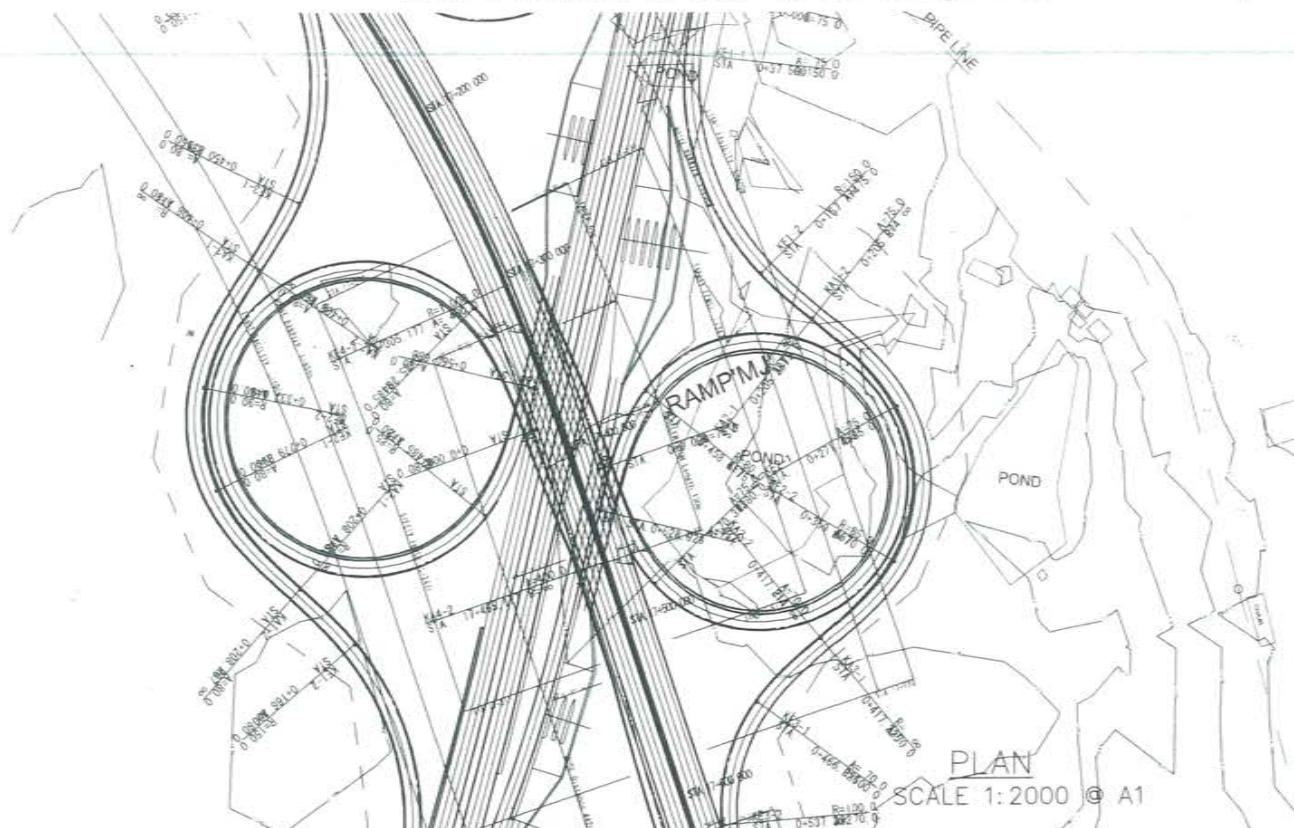
TITLE -
Plan & Profile of RAMP JM in Sivaji Nagar Interchange
FROM CH: 0+000 TO CH: 0+538.3

DATE	DRAWING NO.	REV.
	H-028	

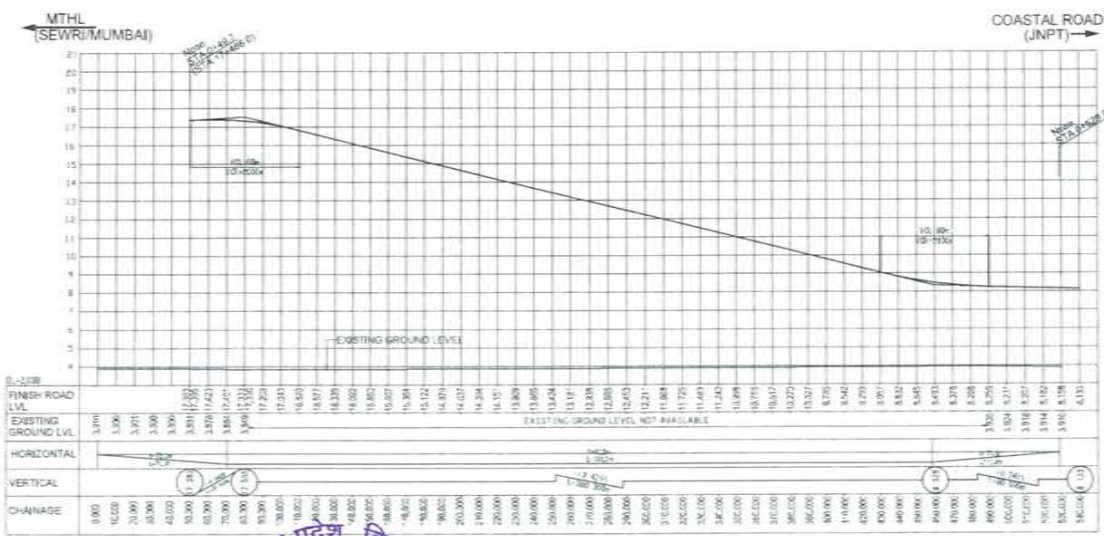


Plan & Profile of RAMP MJ in Sivaji Nagar Interchange

0813



RAMP MJ	IP-1
IA	31° 32' 24.44"
R	80.0000
A	75.0000
TK	23.8773
L. CL	388.3040
SL	185.9189
e	7.0%
TYPE	LEFT



PROFILE
SCALE H=1:2000 V=200 © A1



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

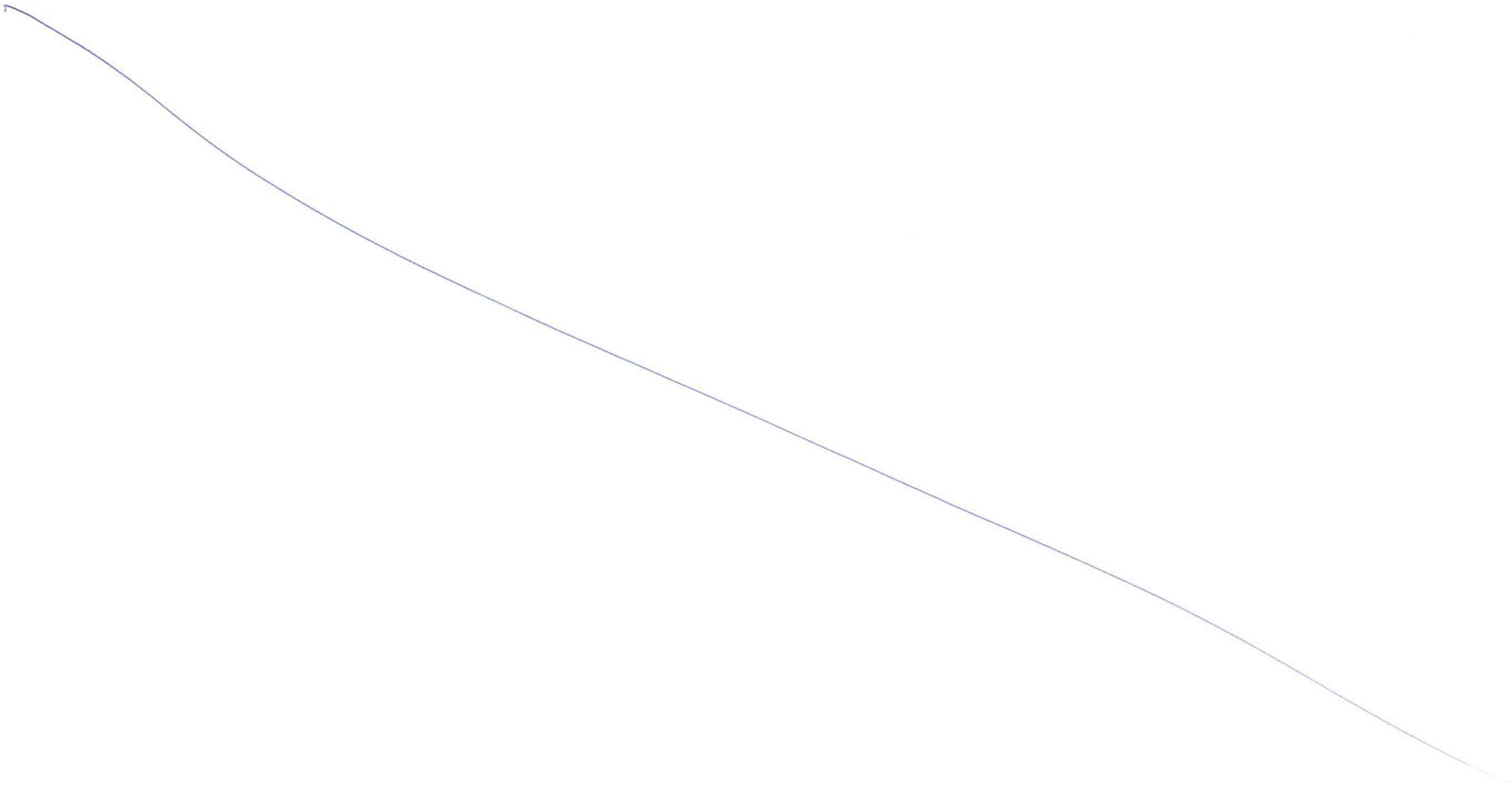


NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

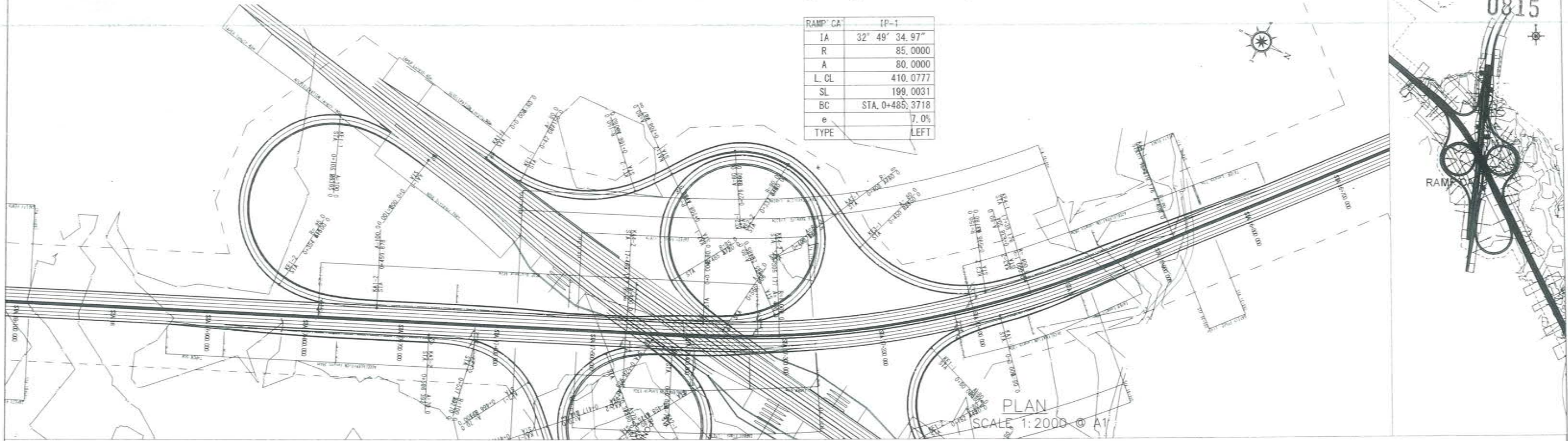
PROJECT -

TITLE -		
Plan & Profile of RAMP MJ in Sivaji Nagar Interchange FROM CH: 0+000 TO CH: 0+528.9		
DATE	DRAWING NO.	REV.
	H-029	

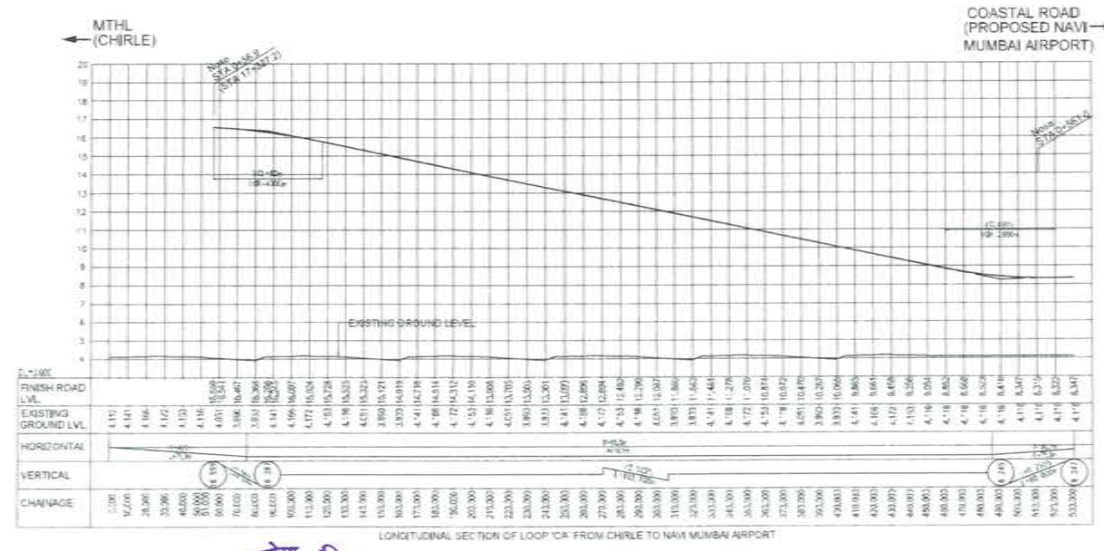


Plan & Profile of RAMP CA in Sivaji Nagar Interchange

RAMP CA	IP-1
IA	32° 49' 34.97"
R	85.0000
A	80.0000
L. CL	410.0777
SL	199.0031
BC	STA. 0+485.3718
e	7.0%
TYPE	LEFT



PLAN
SCALE 1:2000 @ A1



PROFILE
SCALE H=1:2000 V=200 @ A1

NAME	SON
DRAWN BY	
CHECKED BY	
APPROVED BY	



MMRDA
MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

PROJECT -



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

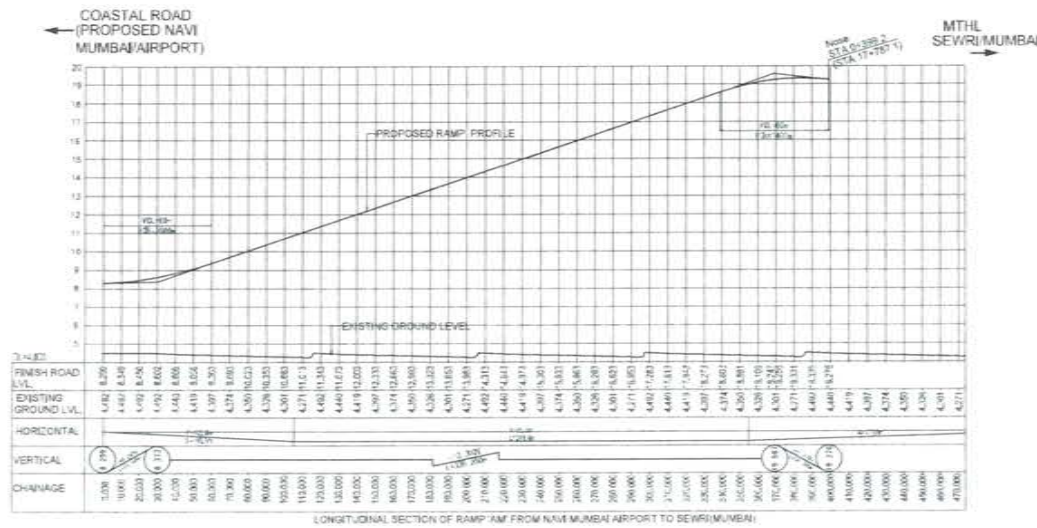
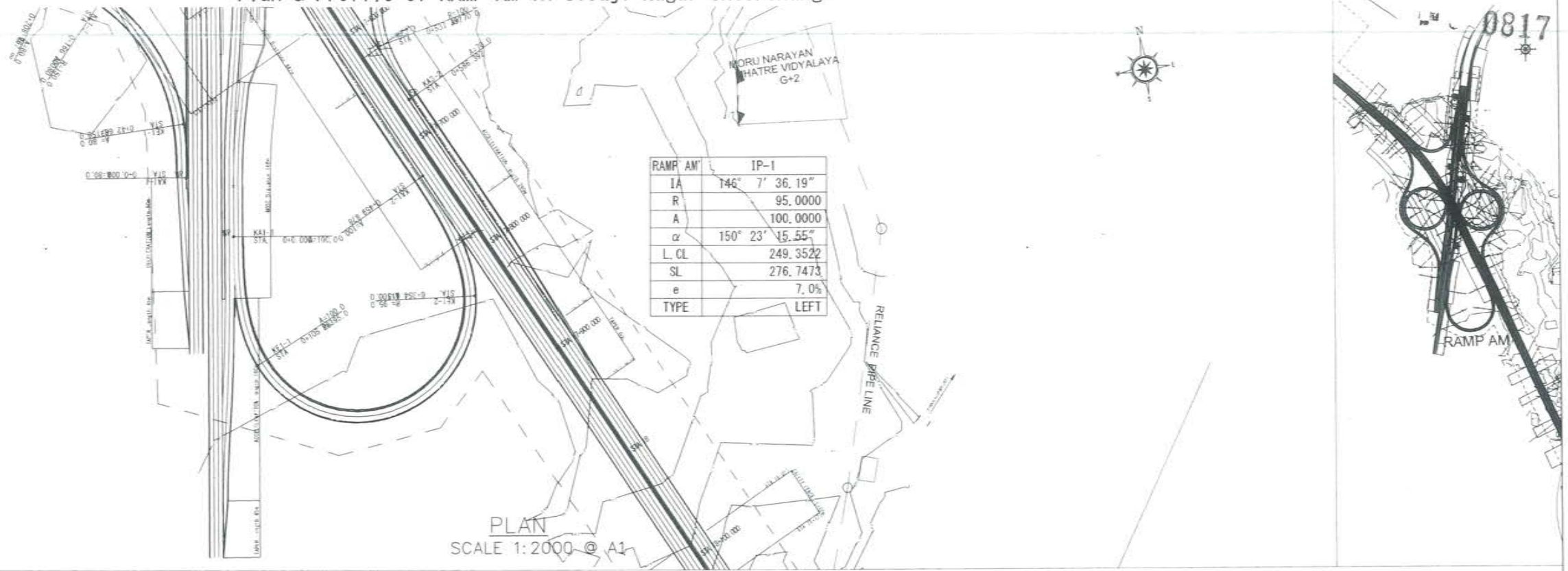


TITLE -	
Plan & Profile of RAMP CA in Sivaji Nagar Interchange FROM CH: 0+000 TO CH: 0+561.0	
DATE	REV.
DRAWING NO. H-030	



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Plan & Profile of RAMP AM in Sivaji Nagar Interchange



PROFILE SCALE H=1:2000 V=200 @ A1

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



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MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

PROJECT



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -
Plan & Profile of RAMP AM in Sivaji Nagar Interchange
FROM CH: 0+000 TO CH: 0+460.0

DATE	DRAWING NO.	REV.
	H-031	



SH-54 Interchange

08/19



NOTES:-

- 1) THE PLAN IS PREPARED BASED ON PROPOSED 6/8 LANING OF SH-54
- 3) LOOP /RAMP NAME
 RAMP MP-RAMP FROM MUMBAI MTHL TO PANVEL NH4B
 M-MUMBAI MTHL
 P-PANVEL NH4B
 J-JNPT NH4B
 E- MUMBAI PUNE-EXPRESSWAY



PLAN
SCALE 1:2000 @ A1



NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**



TITLE -

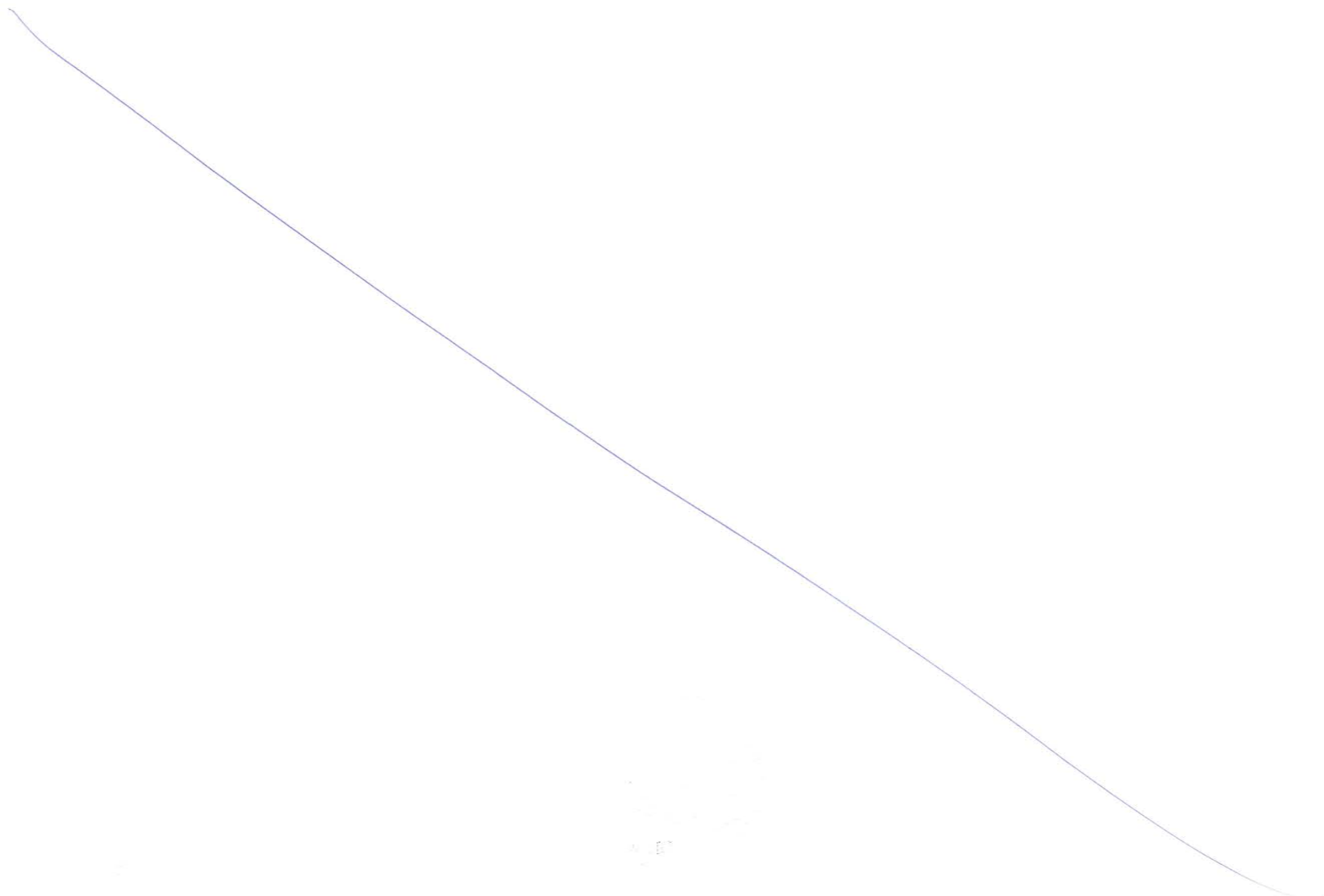
SH-54 Interchange

DATE

DRAWING NO.

H-032

REV.





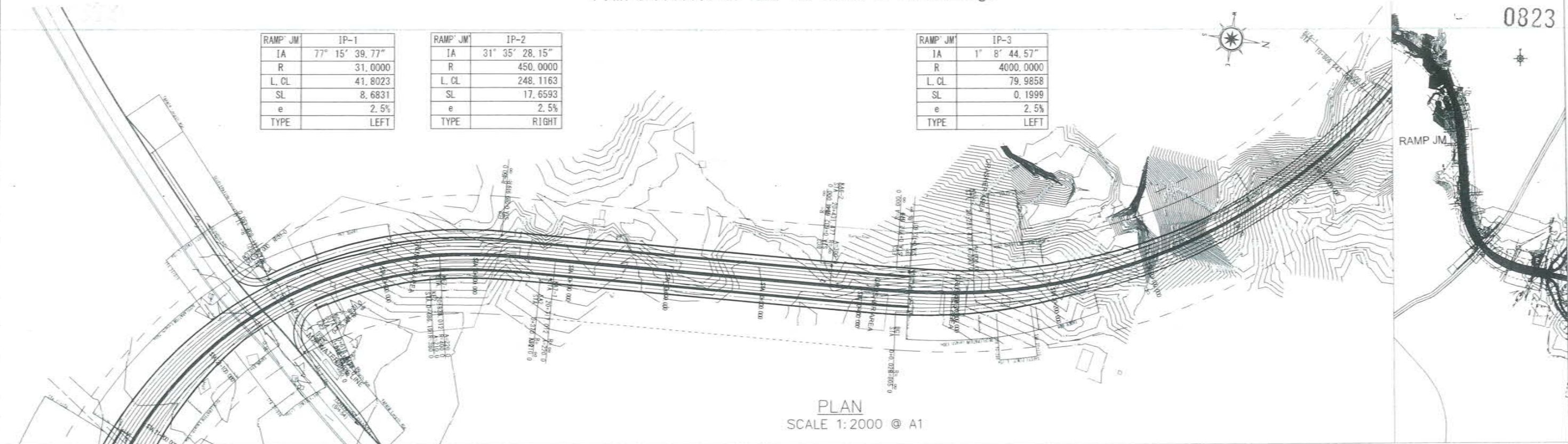
Plan & Profile of RAMP JM in SH-54 Interchange

0823

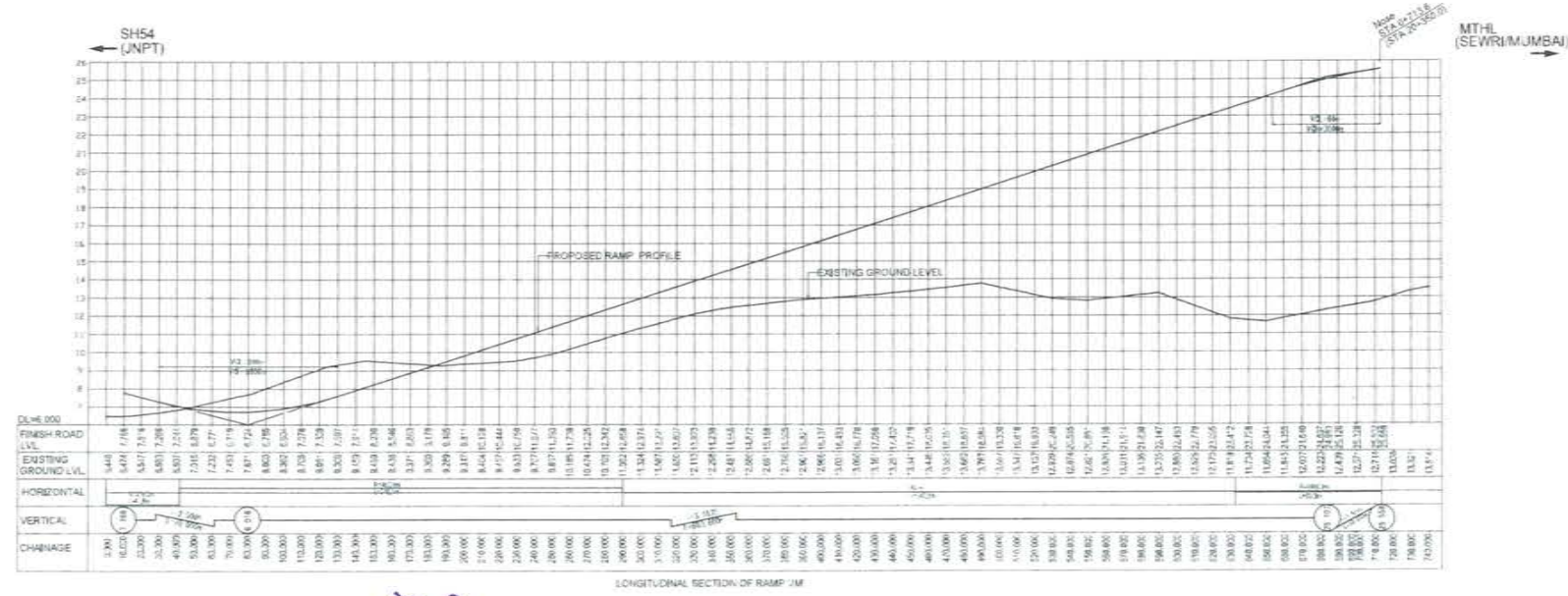
RAMP JM	IP-1
IA	77° 15' 39.77"
R	31.0000
L. CL	41.8023
SL	8.6831
e	2.5%
TYPE	LEFT

RAMP JM	IP-2
IA	31° 35' 28.15"
R	450.0000
L. CL	248.1163
SL	17.6593
e	2.5%
TYPE	RIGHT

RAMP JM	IP-3
IA	1° 8' 44.57"
R	4000.0000
L. CL	79.9858
SL	0.1999
e	2.5%
TYPE	LEFT



PLAN
SCALE 1:2000 @ A1



PROFILE
SCALE H=1:2000 V=200 @ A1

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

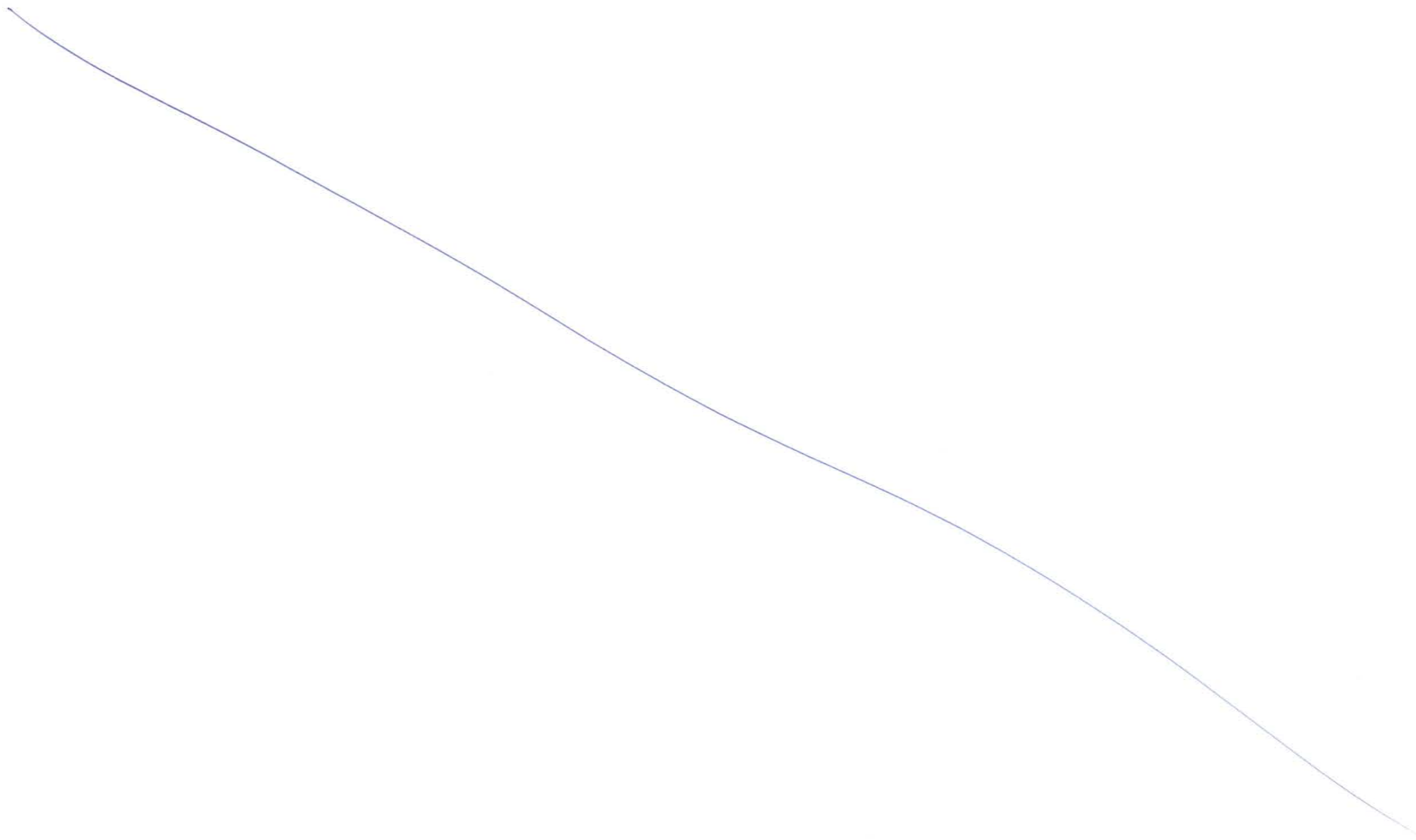


MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -
Plan & Profile of RAMP JM in SH-54 Interchange
FROM CH: 0+000 TO CH: 0+713.6

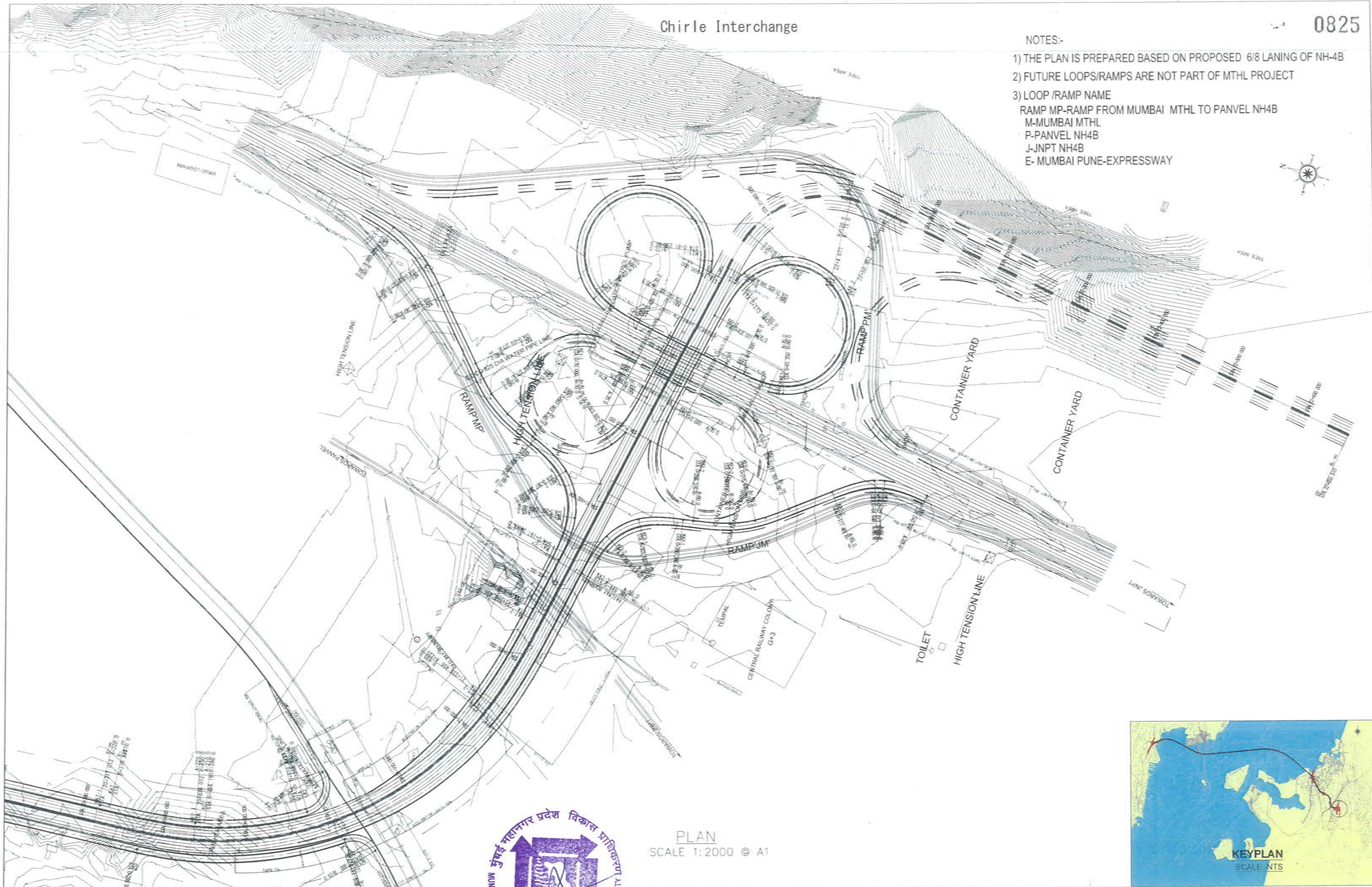
DATE	DRAWING NO.	REV.
	H-034	



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NOTES:-

- 1) THE PLAN IS PREPARED BASED ON PROPOSED 6/8 LANING OF NH-4B
- 2) FUTURE LOOPS/RAMPS ARE NOT PART OF MTHL PROJECT
- 3) LOOP /RAMP NAME
 RAMP MP-RAMP FROM MUMBAI MTHL TO PANVEL NH4B
 M-MUMBAI MTHL
 P-PANVEL NH4B
 J-JNPT NH4B
 E- MUMBAI PUNE-EXPRESSWAY



PLAN
SCALE 1:2000 @ A1



KEYPLAN
SCALE - NTS

NAME	SIGN
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DEVELOPMENT AUTHORITY



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE - Chirle Interchange		
DATE	DRAWING NO. H-035	REV.



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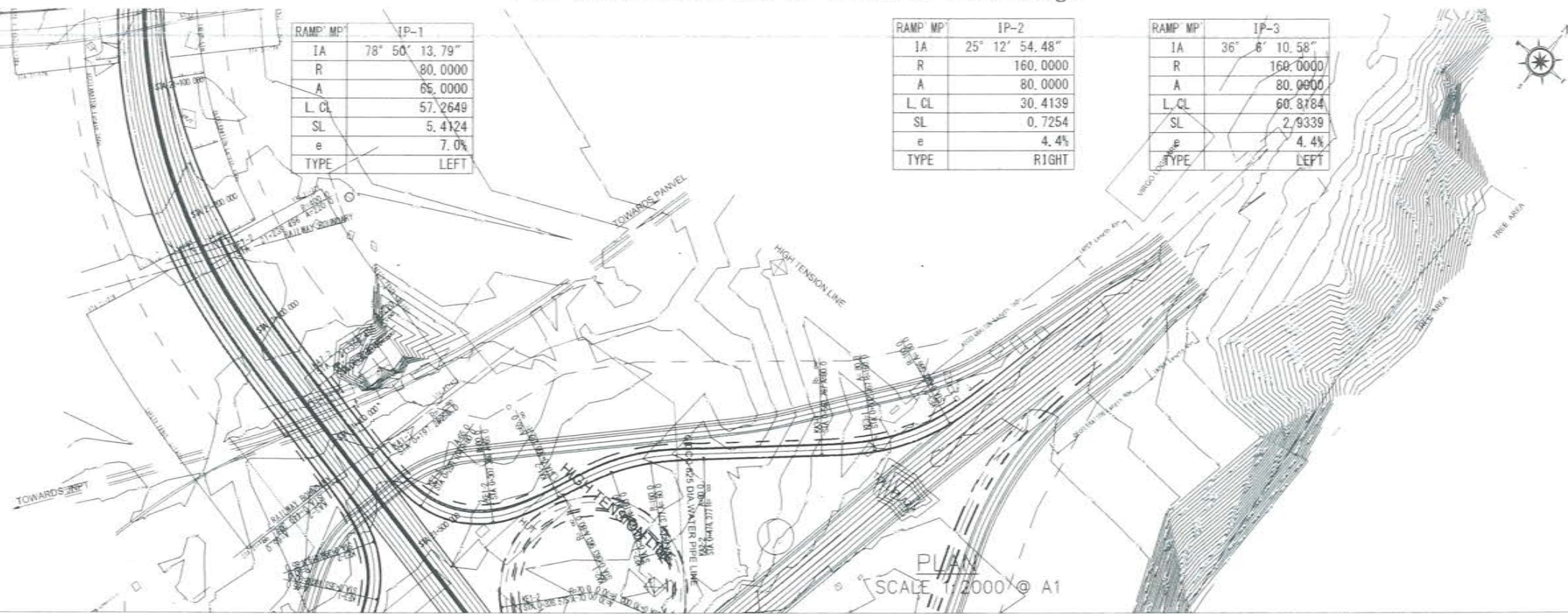
Plan & Profile of RAMP MP in Chirle Interchange

0827

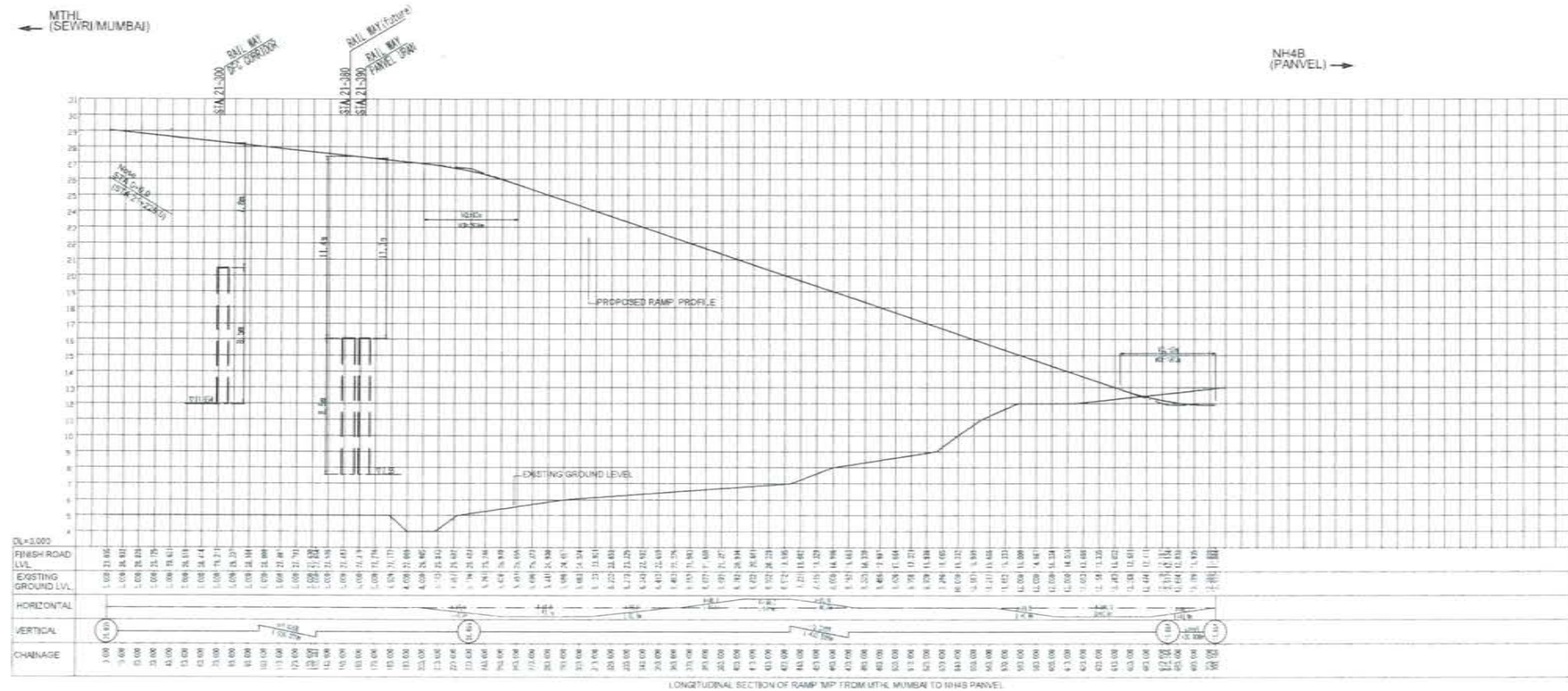
RAMP MP	IP-1
IA	78° 50' 13.79"
R	80.0000
A	66.0000
L CL	57.2649
SL	5.4124
e	7.0%
TYPE	LEFT

RAMP MP	IP-2
IA	25° 12' 54.48"
R	160.0000
A	80.0000
L CL	30.4139
SL	0.7254
e	4.4%
TYPE	RIGHT

RAMP MP	IP-3
IA	36° 8' 10.58"
R	160.0000
A	80.0000
L CL	60.8784
SL	2.9339
e	4.4%
TYPE	LEFT



PLAN SCALE 1/2000 @ A1



PROFILE SCALE H=1:2000 V=200 @ A1

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



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MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

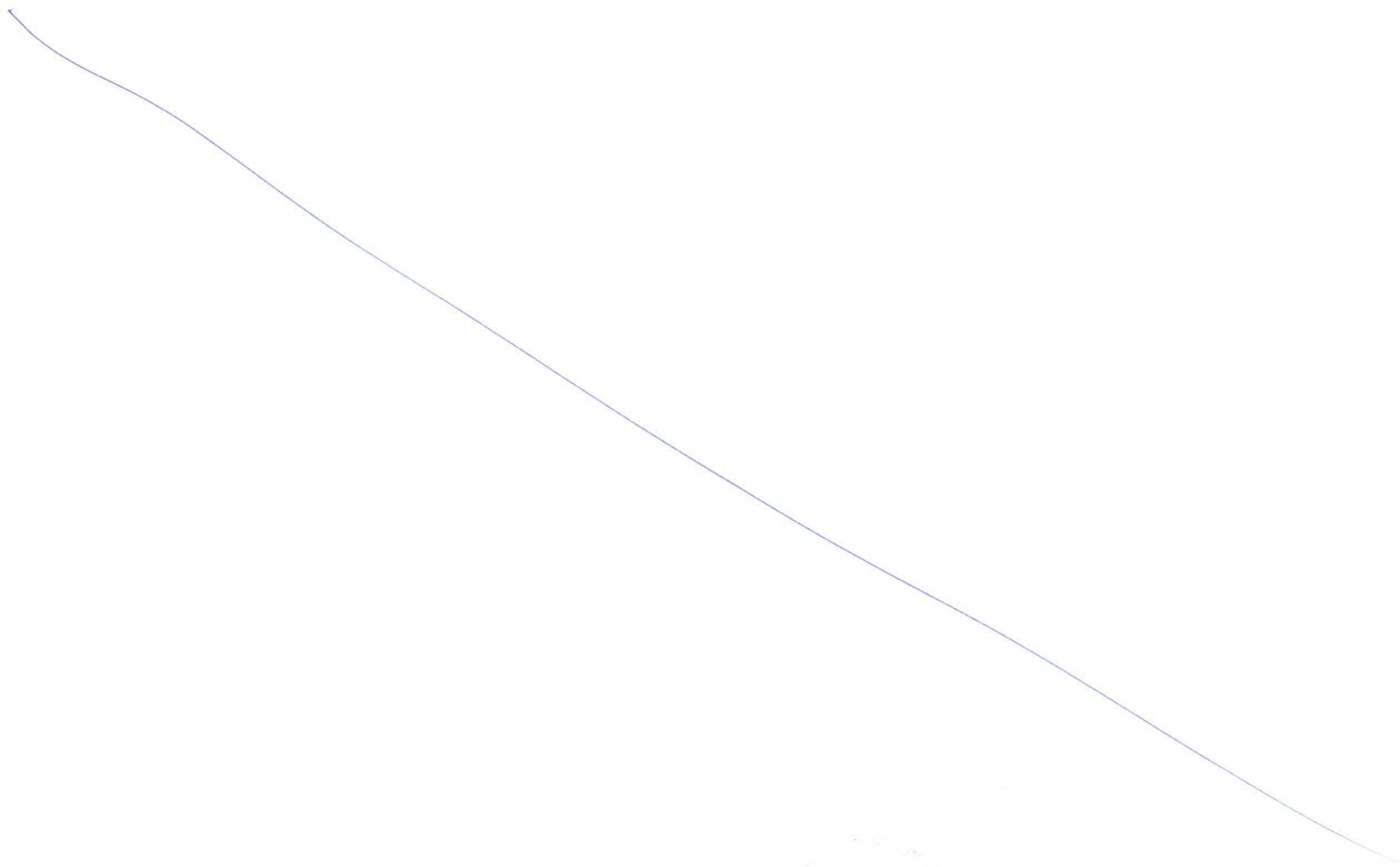


MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -
Plan & Profile of RAMP MP in Chirle Interchange
FROM CH: 0+000 TO CH: 0+703.6

DATE: _____ DRAWING NO. H-036 REV. _____



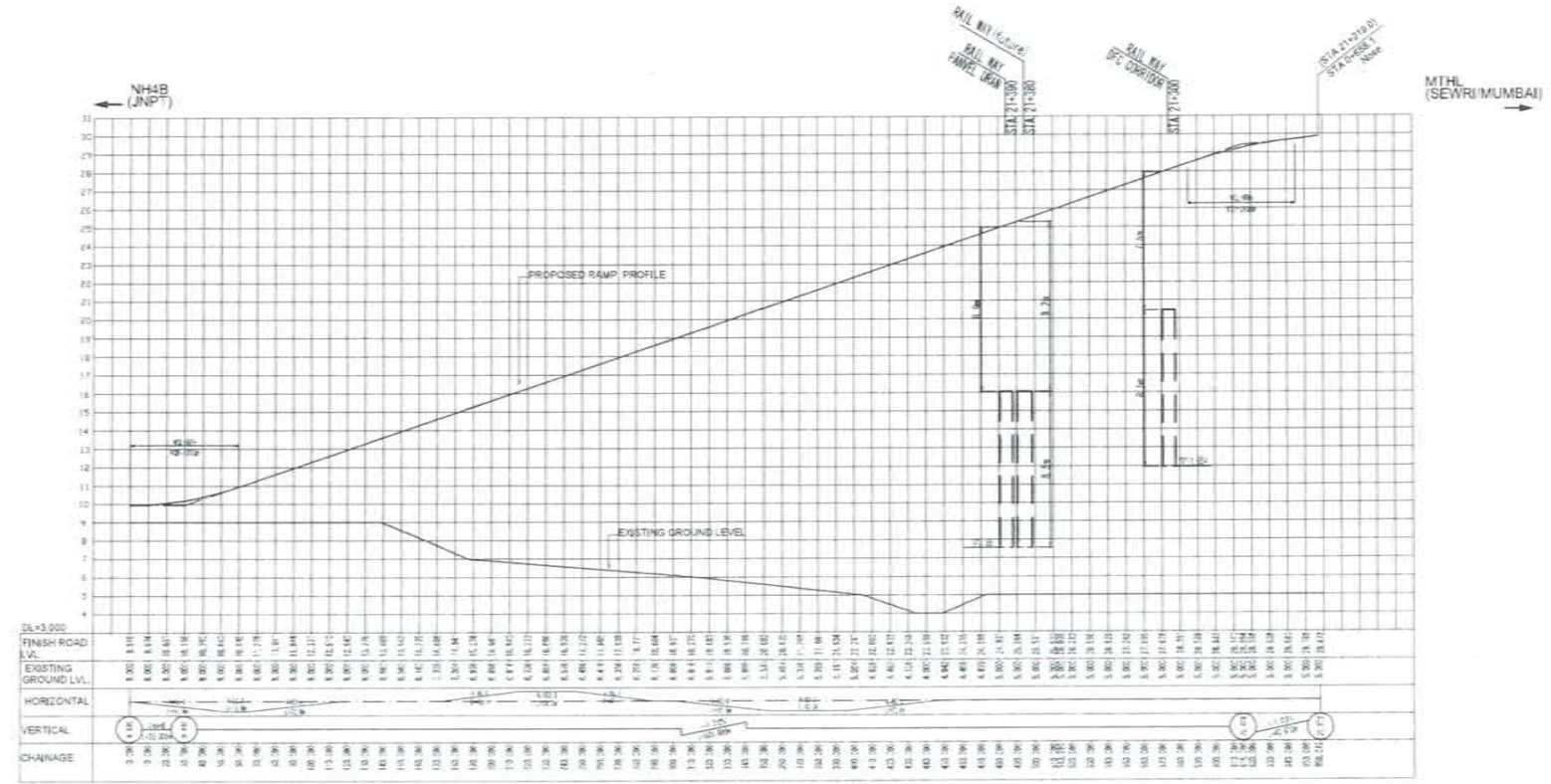
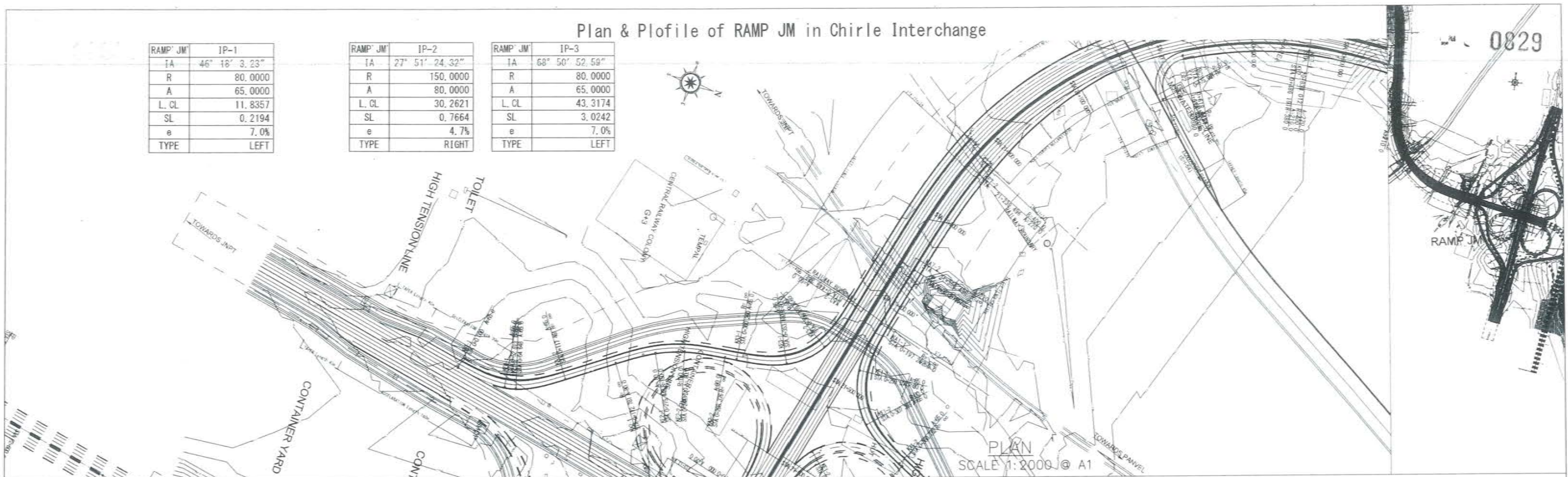
Plan & Profile of RAMP JM in Chirle Interchange

0829

RAMP JM	IP-1
IA	46° 18' 3.23"
R	80.0000
A	65.0000
L. CL	11.8357
SL	0.2194
e	7.0%
TYPE	LEFT

RAMP JM	IP-2
IA	27° 51' 24.32"
R	150.0000
A	80.0000
L. CL	30.2621
SL	0.7664
e	4.7%
TYPE	RIGHT

RAMP JM	IP-3
IA	68° 50' 52.59"
R	80.0000
A	65.0000
L. CL	43.3174
SL	3.0242
e	7.0%
TYPE	LEFT



PROFILE
SCALE H=1:2000 V=200 @ A1

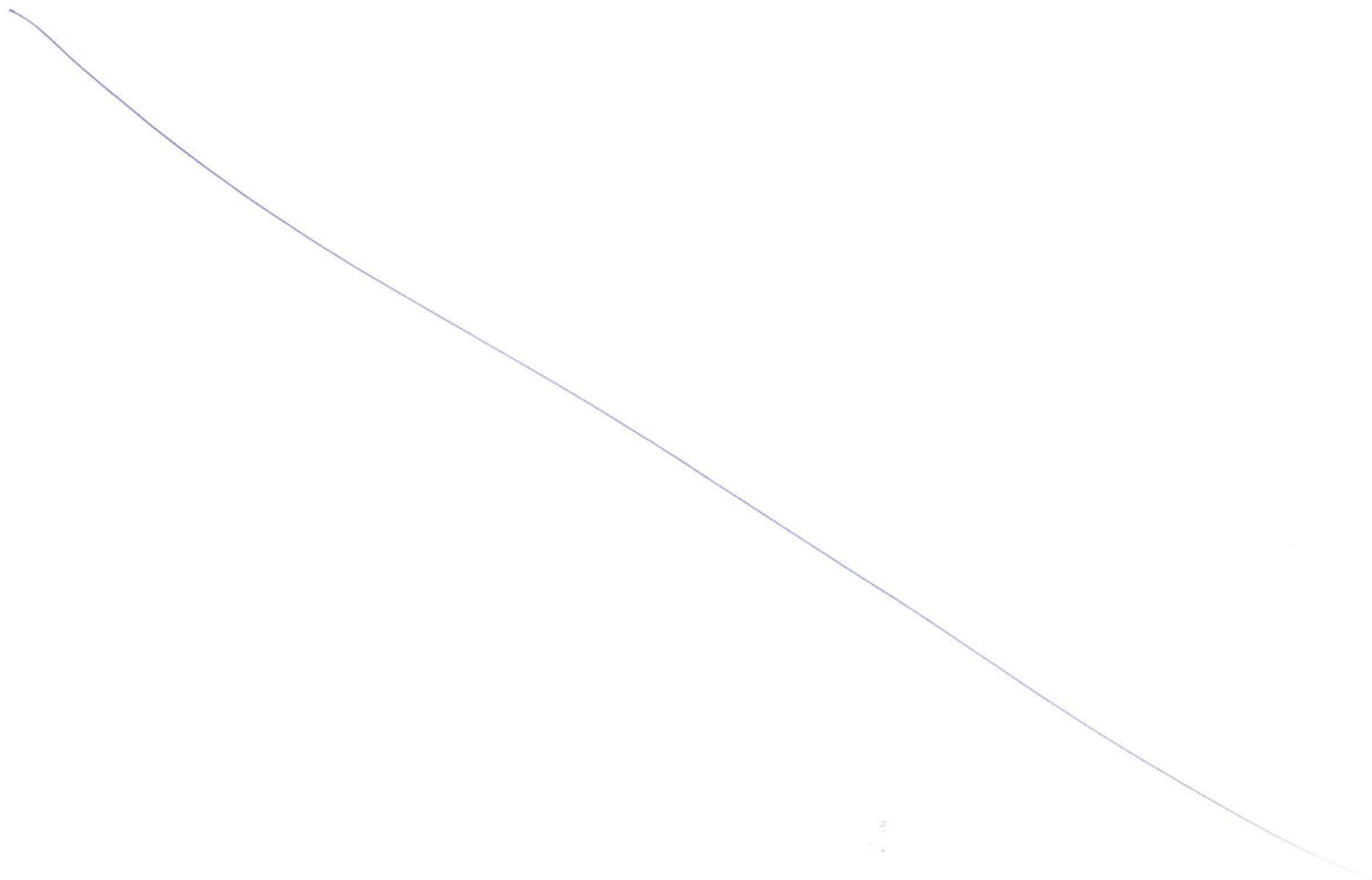
NAME	SCN
DRAWN BY	
CHECKED BY	
APPROVED BY	



PROJECT: MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



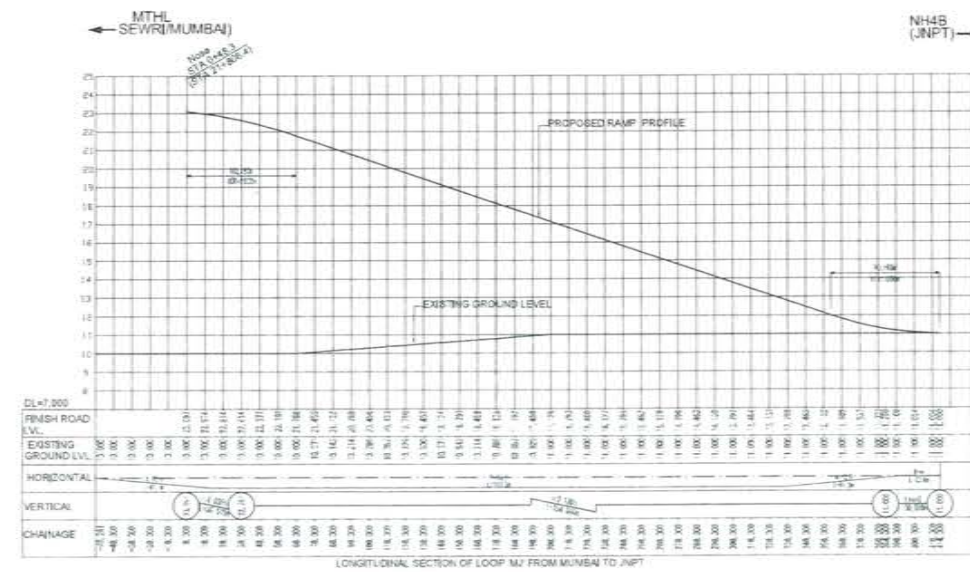
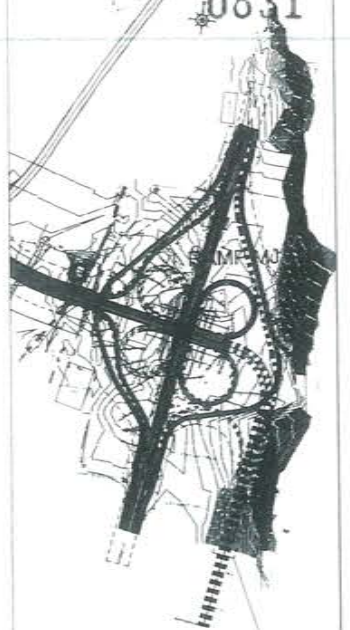
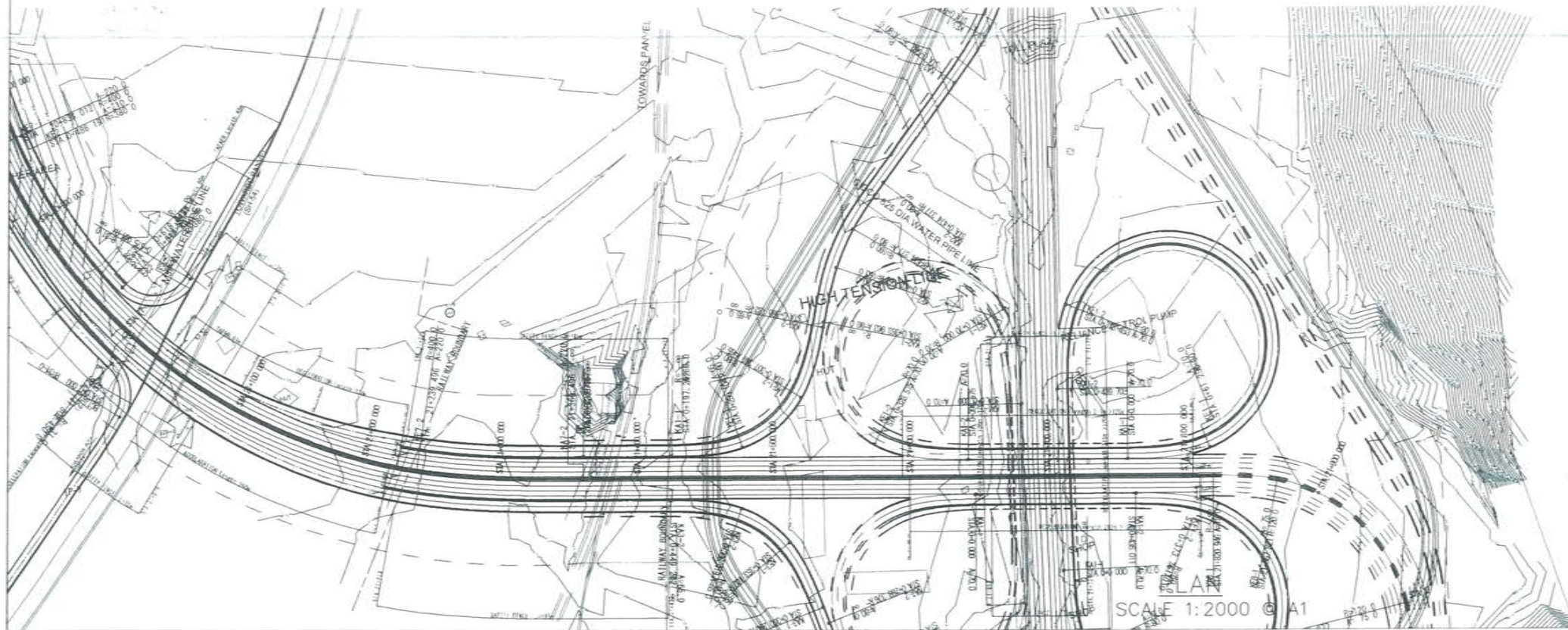
TITLE		DATE	DRAWING NO.	REV.
Plan & Profile of RAMP JM in Chirle Interchange FROM CH: 0+000 TO CH: 0+658.1			H-037	



Handwritten notes or labels, possibly including the number '100' and some illegible text.

Plan & Profile of RAMP MJ in Chirle Interchange

0831



PROFILE SCALE H=1:2000 V=200 @ A1

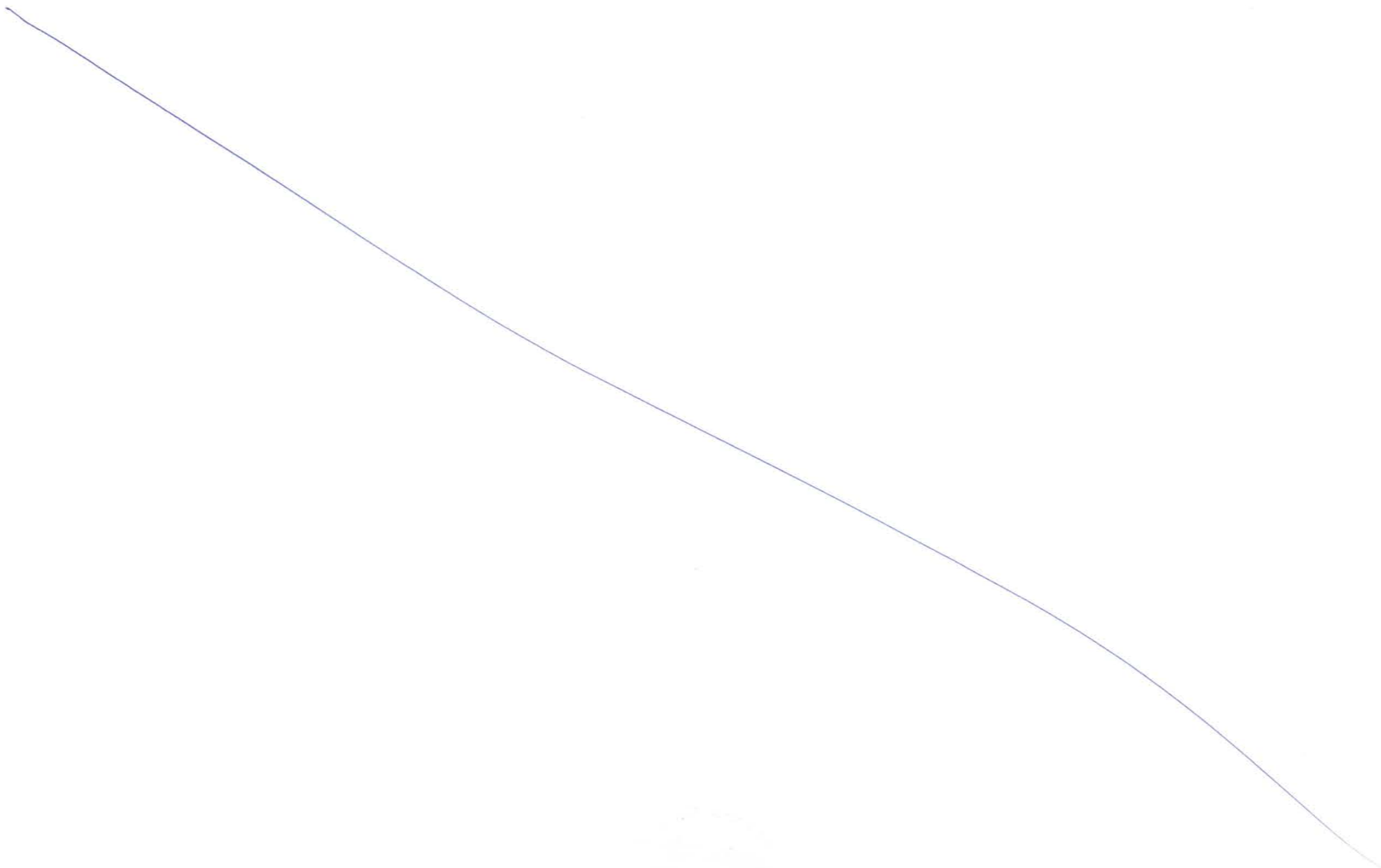
NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



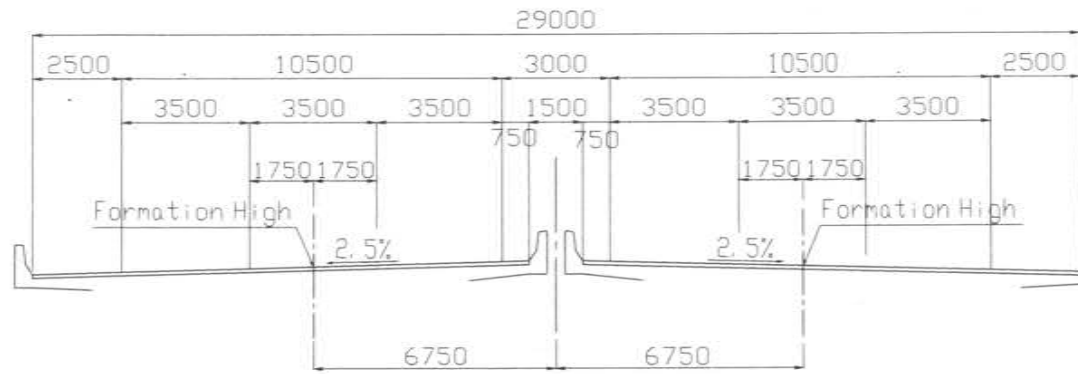
TITLE -		DATE	DRAWING NO.	REV.
Plan & Profile of RAMP MJ in Chirle Interchange FROM CH: 0+000 TO CH: 0+414.0			H-038	



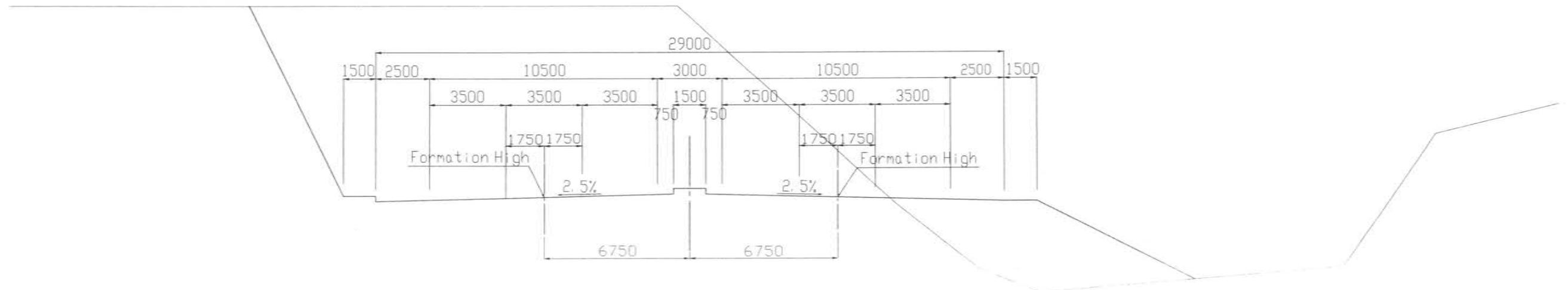


Typical Cross-Section of Main Line

0835



Main Alignment, Bride Section



Main Alignment, Earth Works Section



SCALE 1:100 @ A1

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

	NAME	SIGN
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CHECKED BY		
APPROVED BY		



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DEVELOPMENT AUTHORITY

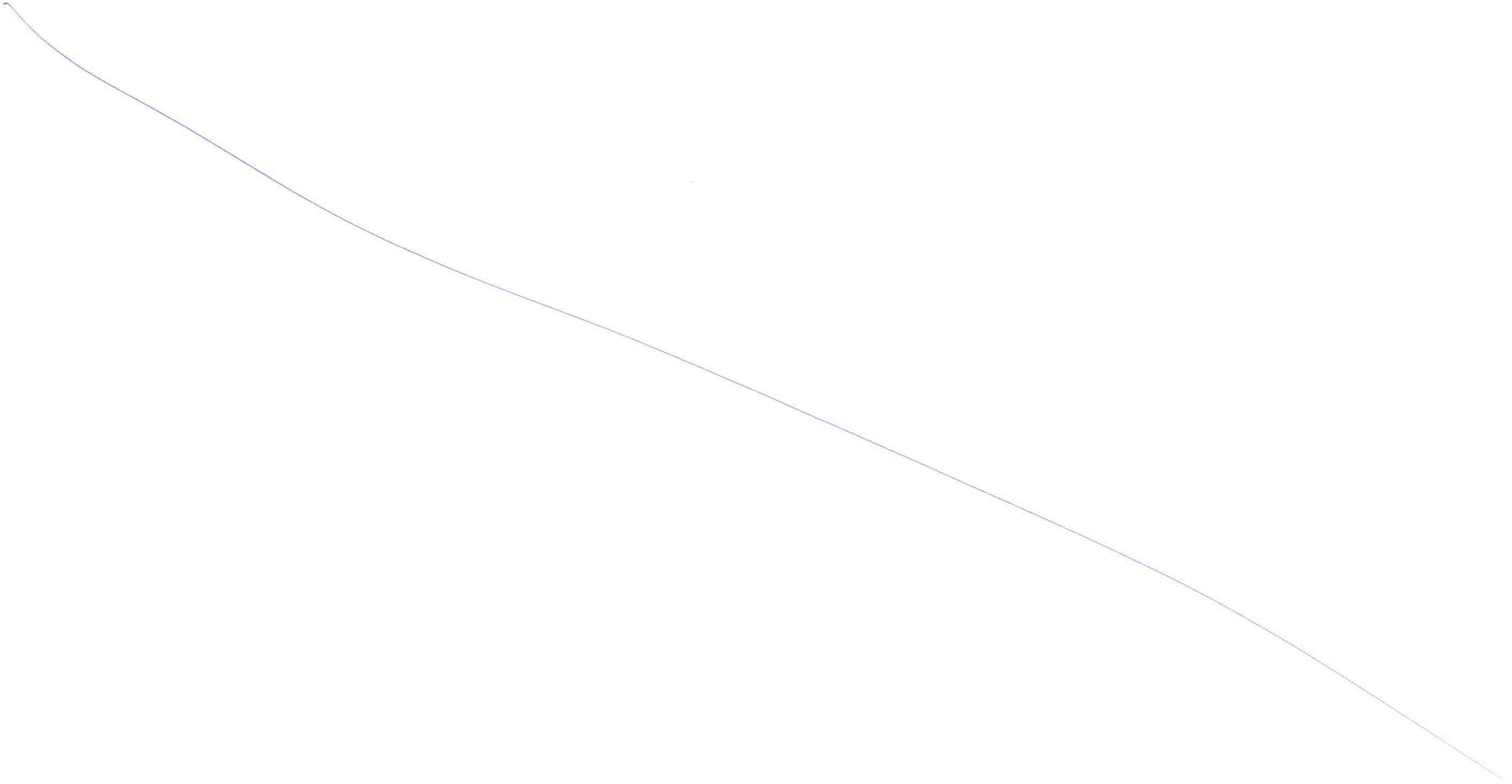
PROJECT -



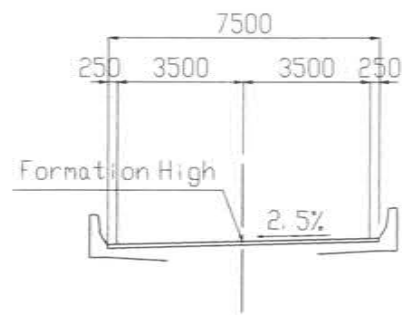
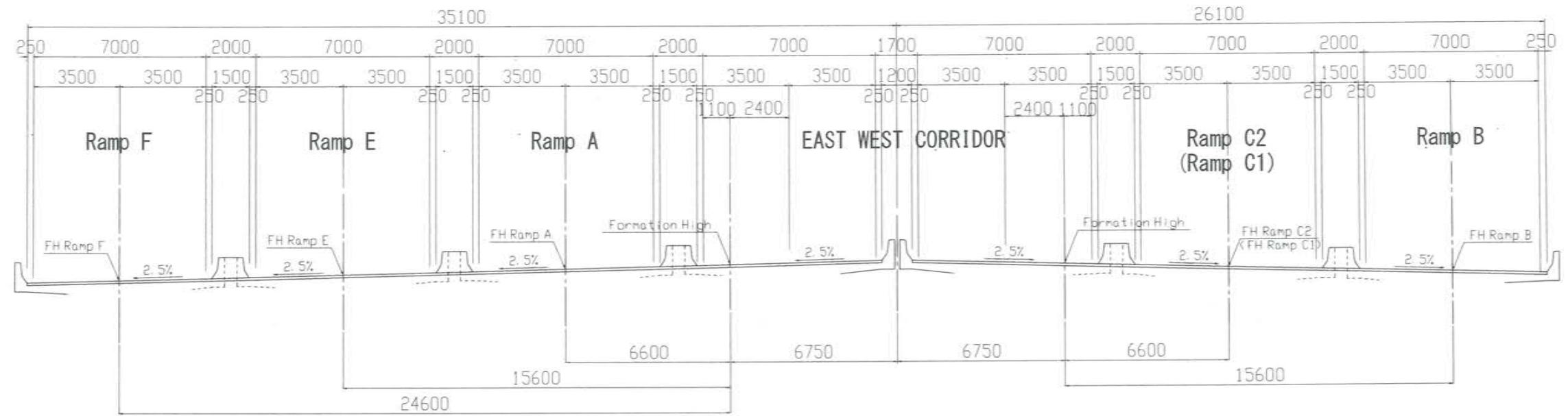
TITLE -
Typical Cross-Section of Main Line

DRAWING NO. H-040

REV.

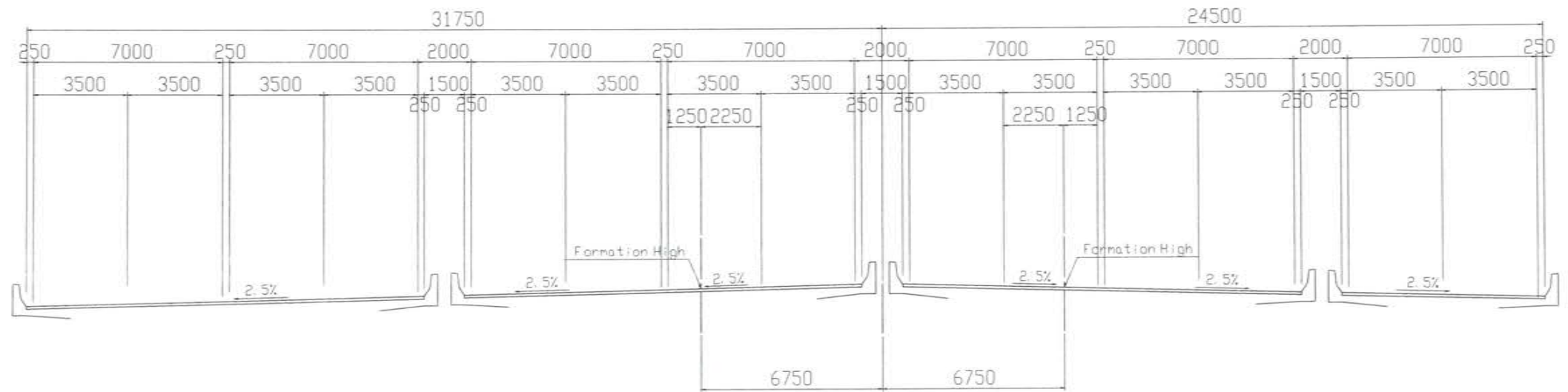


0836



Interchange Nose Section

Sewri Interchange



Interchange Acceleration and Deceleration

SCALE 1:100 @ A1

NAME	SIGN
DRAWN BY	
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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -

Typical Cross-Section of RAMP (1/3)
(Sewri Interchange)

DATE

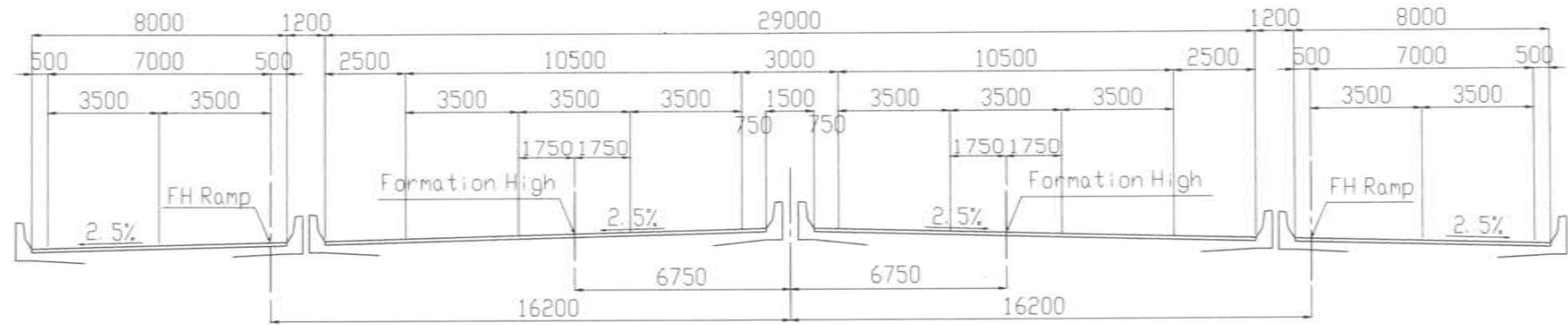
DRAWING NO.

H-041

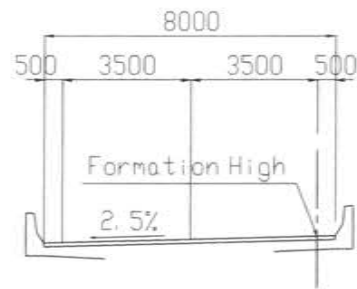
REV.



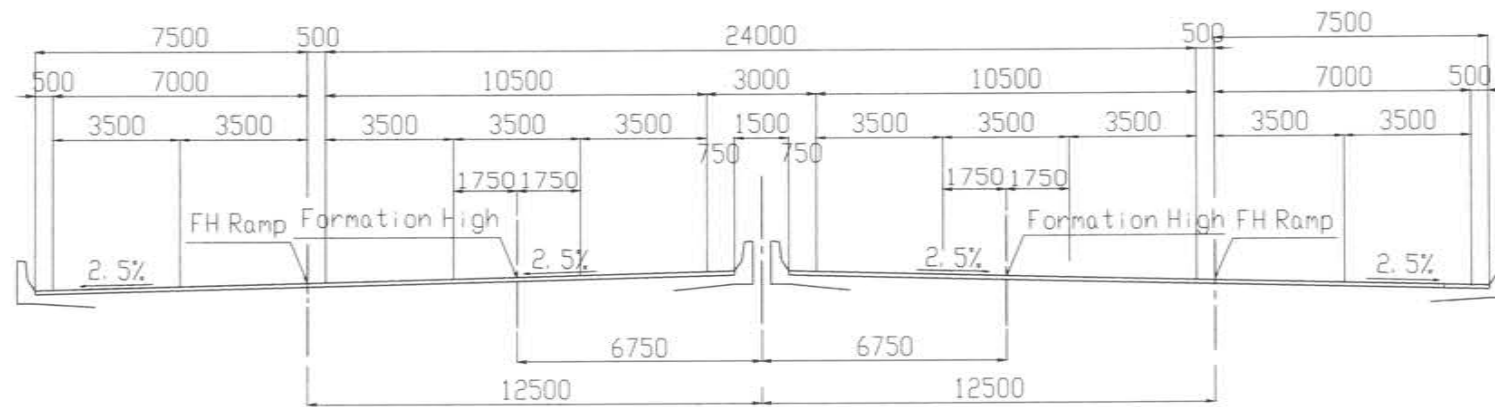
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Interchange Nose Section



Shivaji Nagar, Chirle Interchange



Interchange Acceleration and Deceleration

SCALE 1:100 @ A1



NAME	SIGN
DRAWN BY	
CHECKED BY	
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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -

Typical Cross-Section of RAMP (2/3)
(Shivaji Nagar, Chirle Interchange)

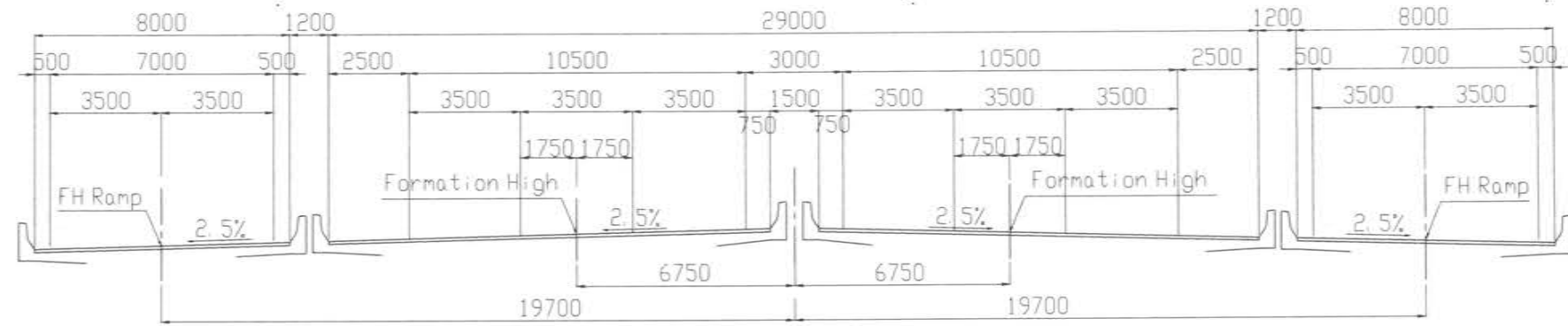
DATE

DRAWING NO.

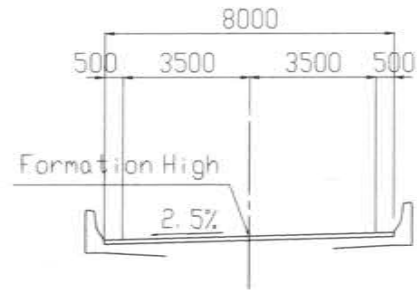
H-042

REV.

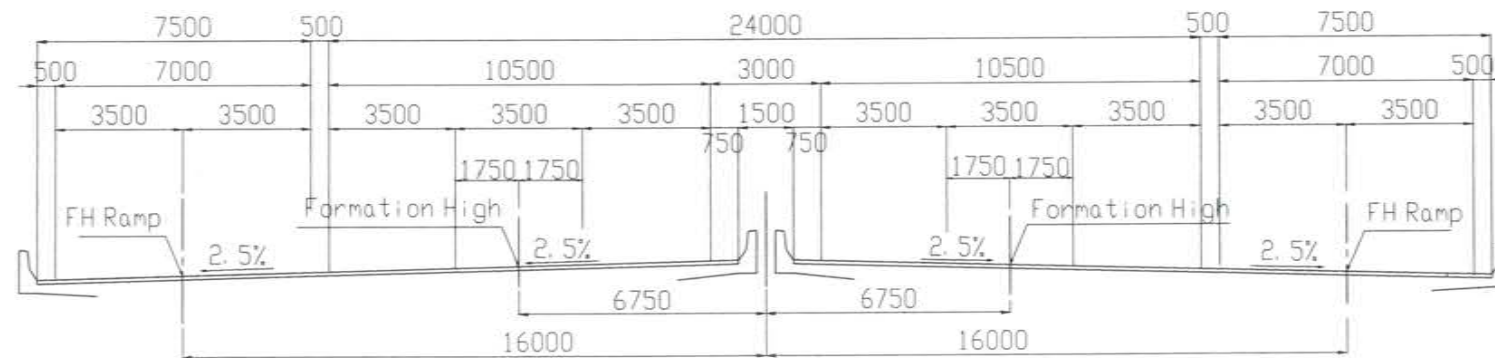




Interchange Nose Section



SH54 Interchange



Interchange Acceleration and Deceleration



SCALE 1:100 @ A1

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -
Typical Cross-Section of RAMP (3/3)
(SH54 Interchange)

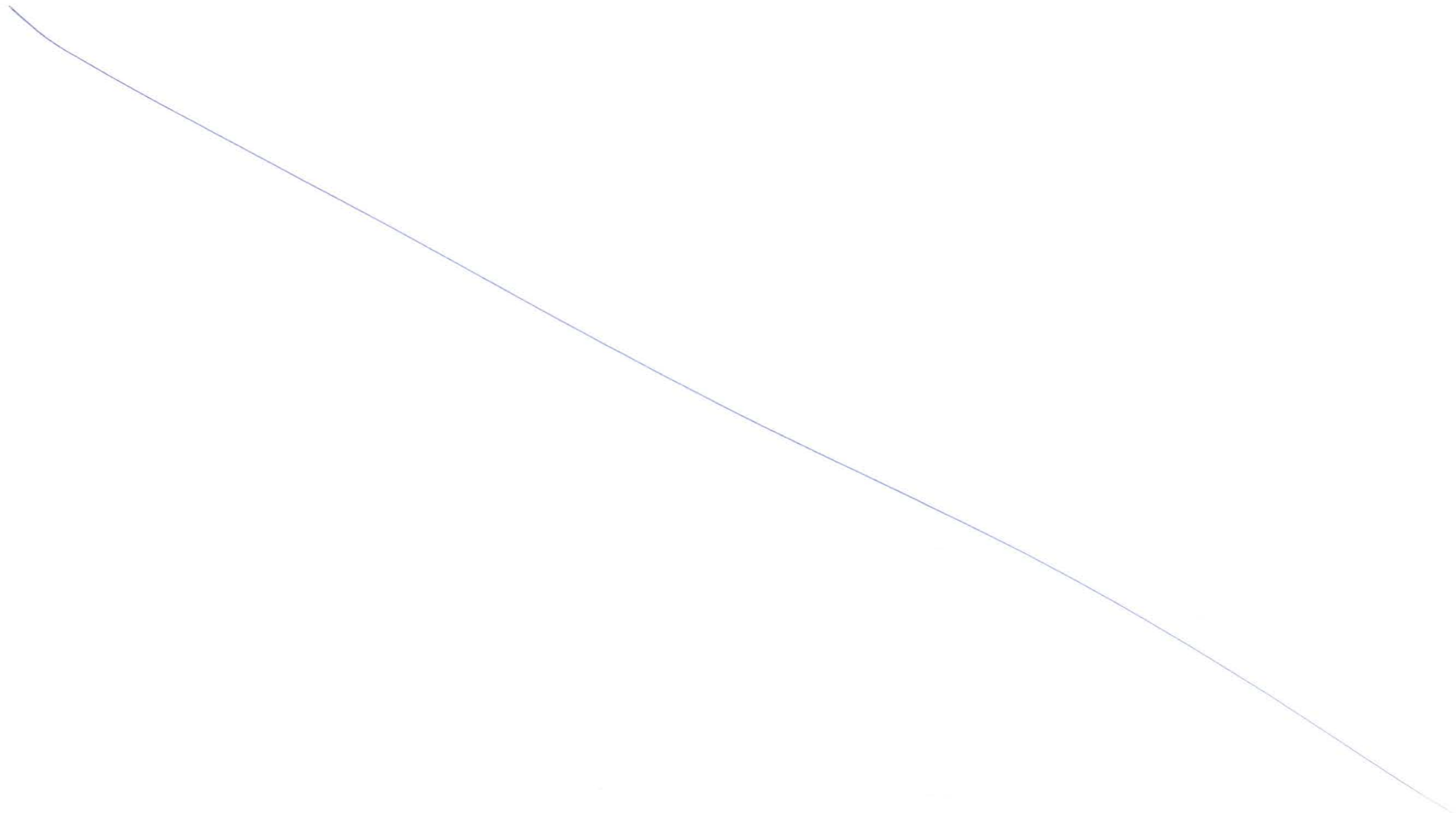
NAME	SIGN
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CHECKED BY	
APPROVED BY	



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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

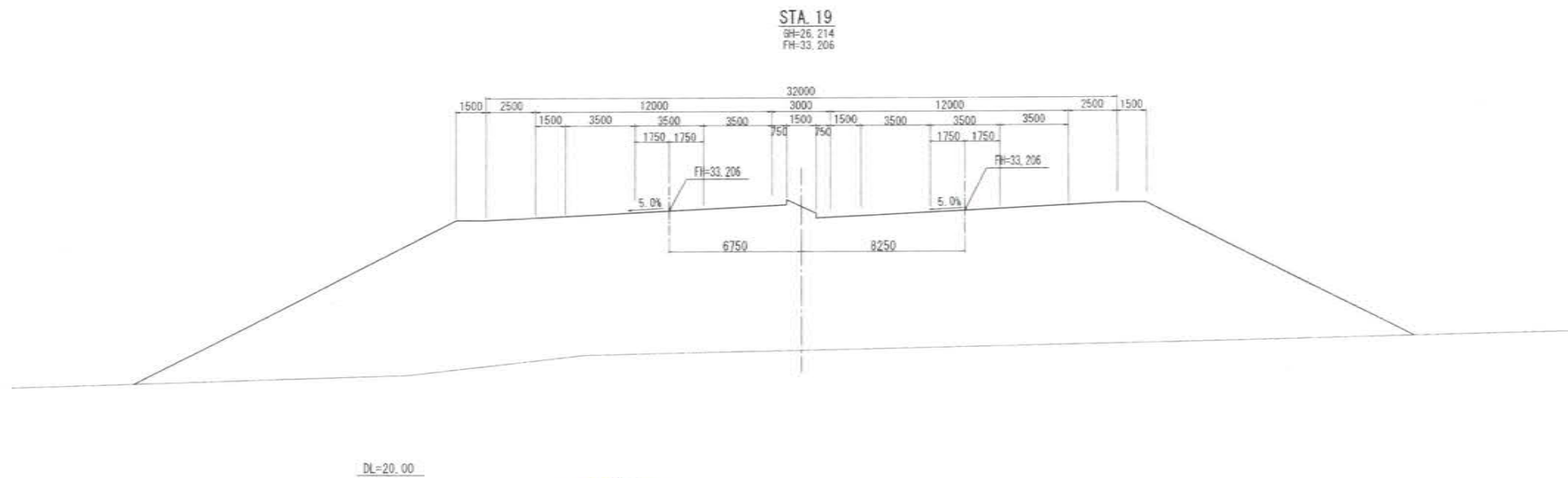
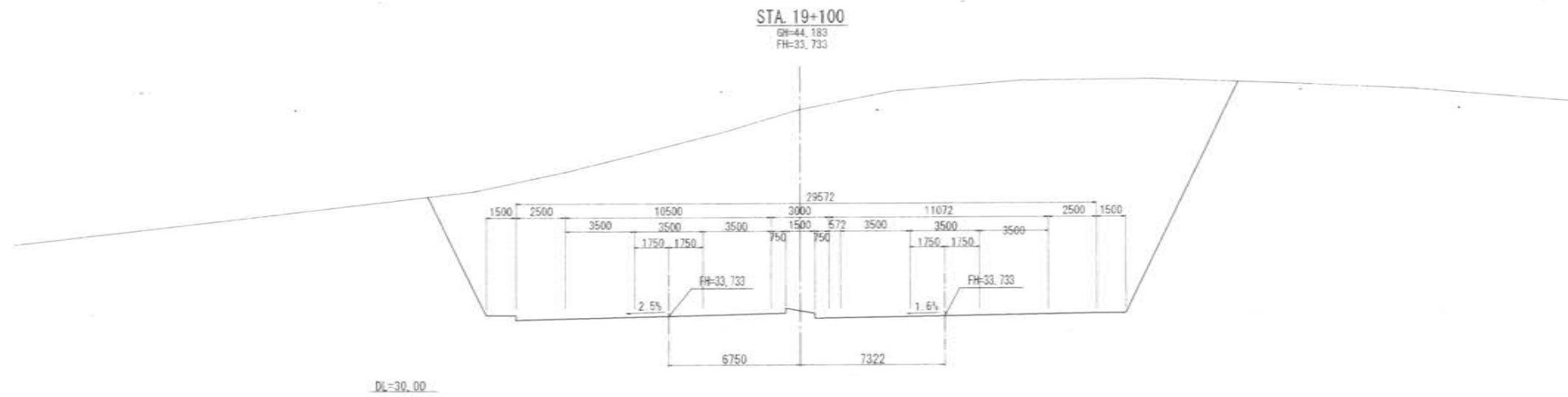
DATE	DRAWING NO.	REV.
	H-043	



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Cross-Section of Main Line(1/6)

0843



SCALE 1:150 @ A1

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

	NAME	SIGN
DRAWN BY		
CHECKED BY		
APPROVED BY		

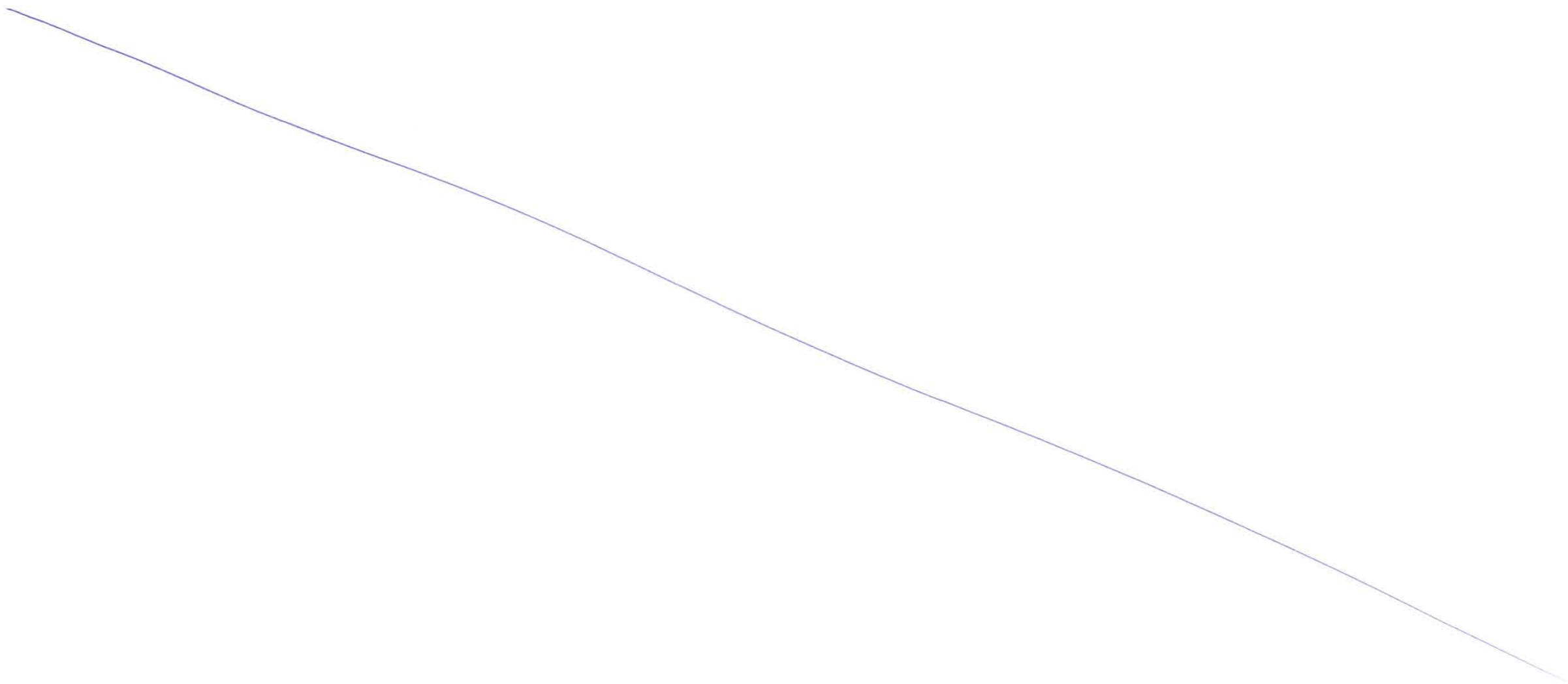


MMRDA
 MUMBAI METROPOLITAN REGION
 DEVELOPMENT AUTHORITY

PROJECT -

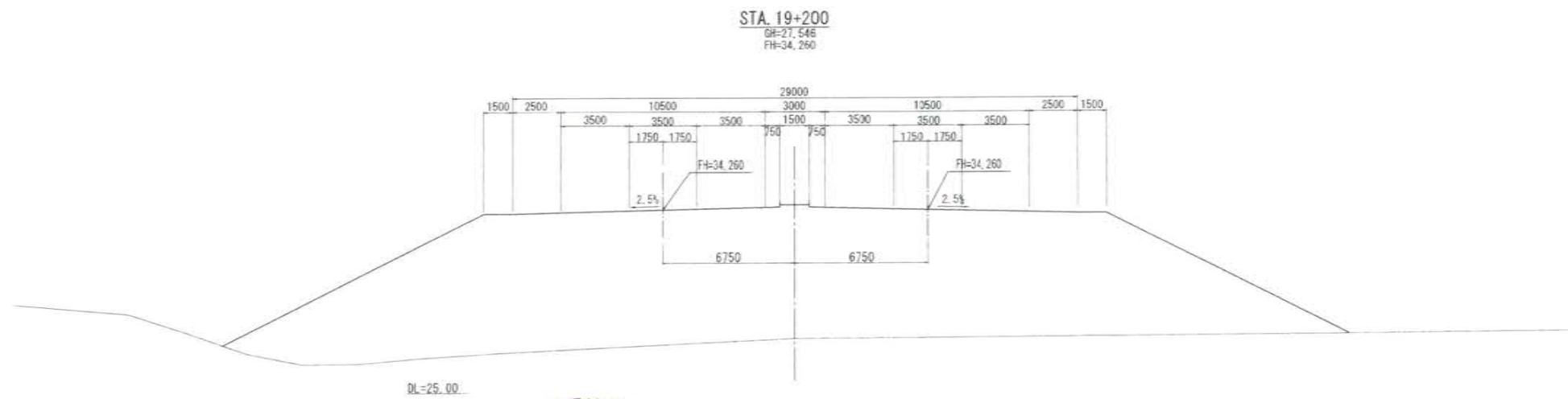
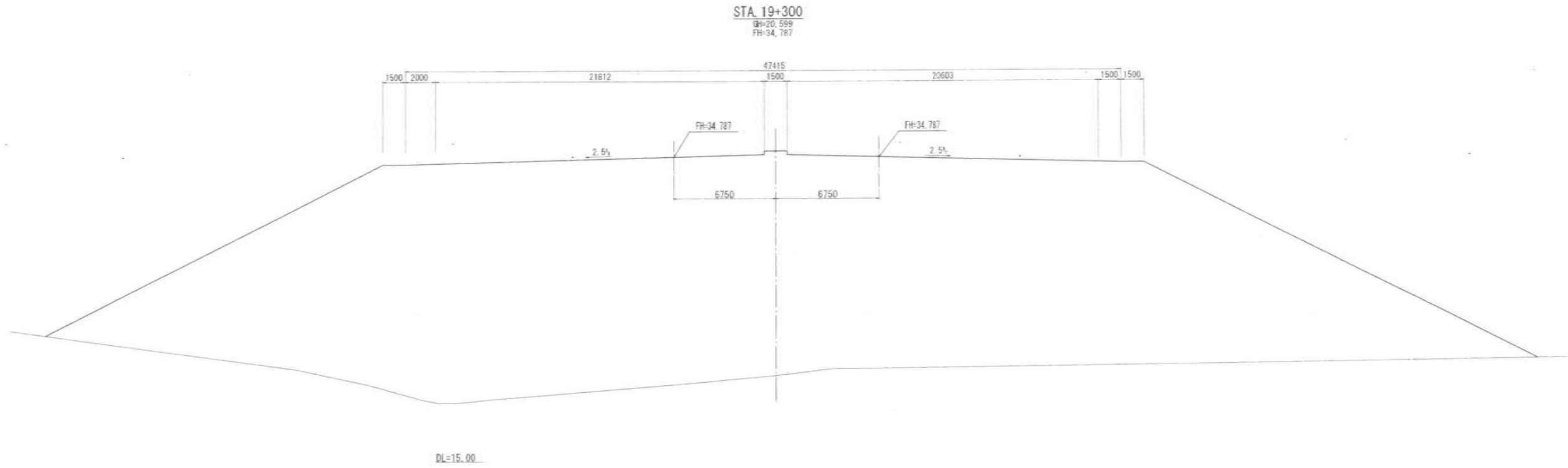


TITLE -		DATE	DRAWING NO	REV.
Cross-Section of Main Line(1/6) 19+000, 19+100			H-044	



Cross-Section of Main Line (2/6)

0845



SCALE 1:150 @ A1

	NAME	SIGN
DRAWN BY		
CHECKED BY		
APPROVED BY		



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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

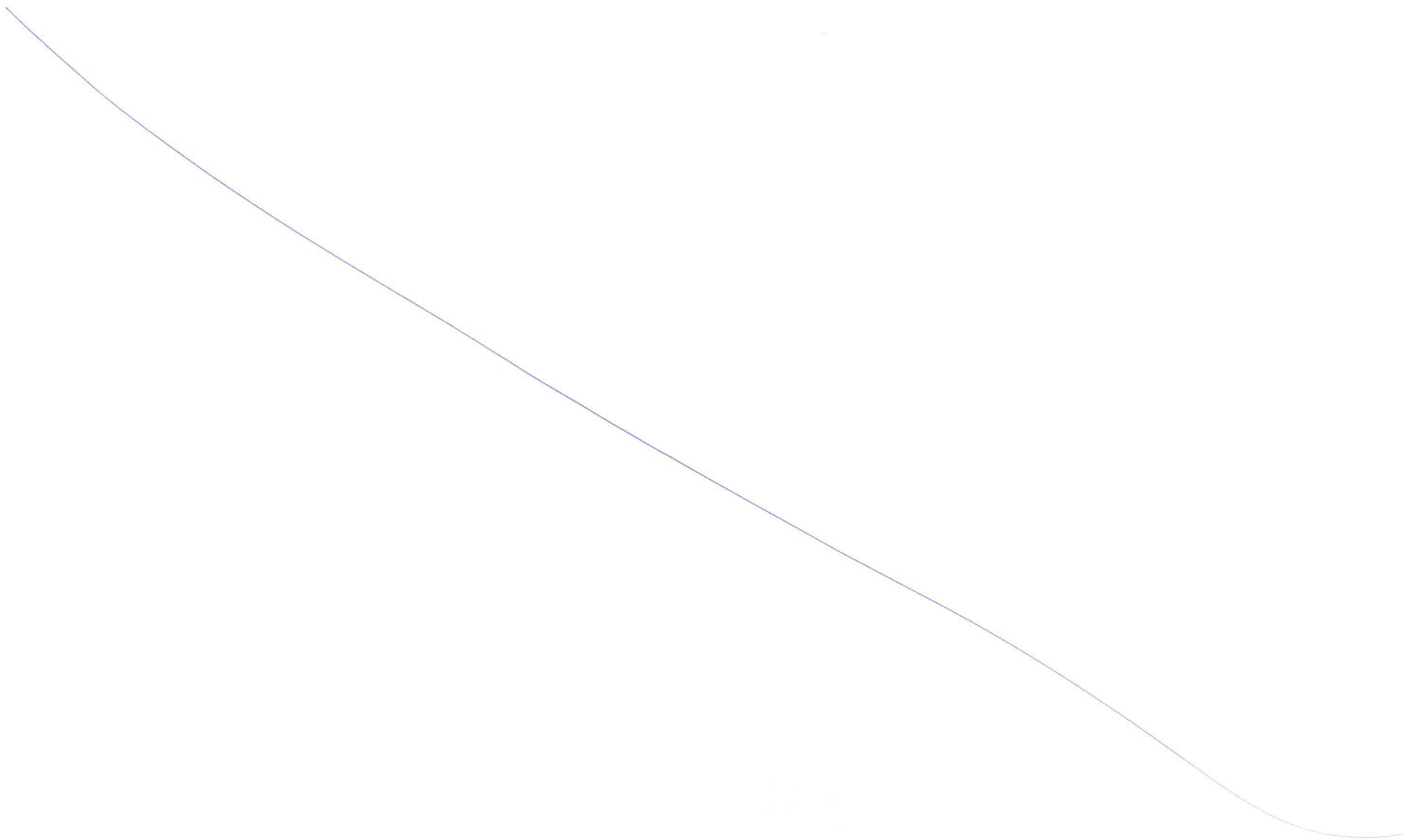
PROJECT -



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

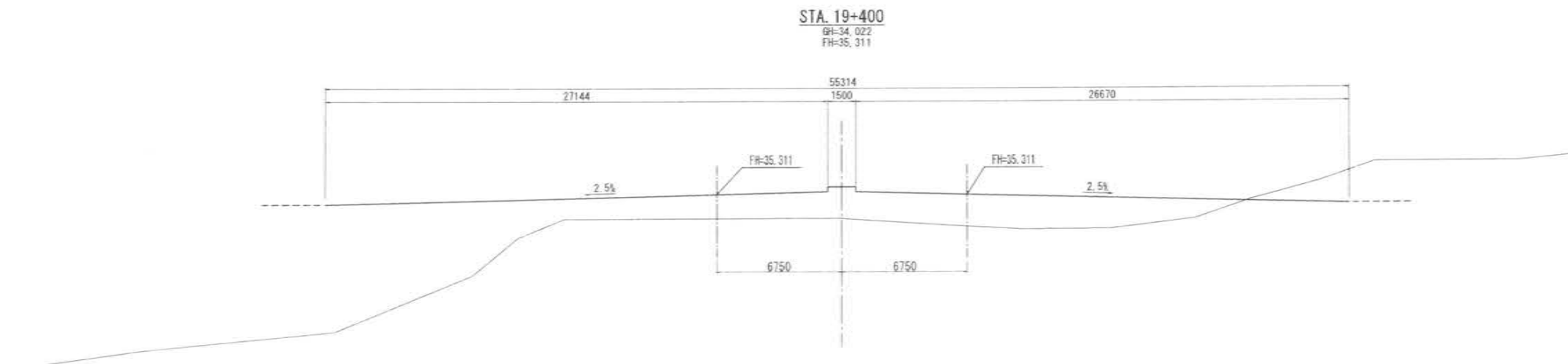
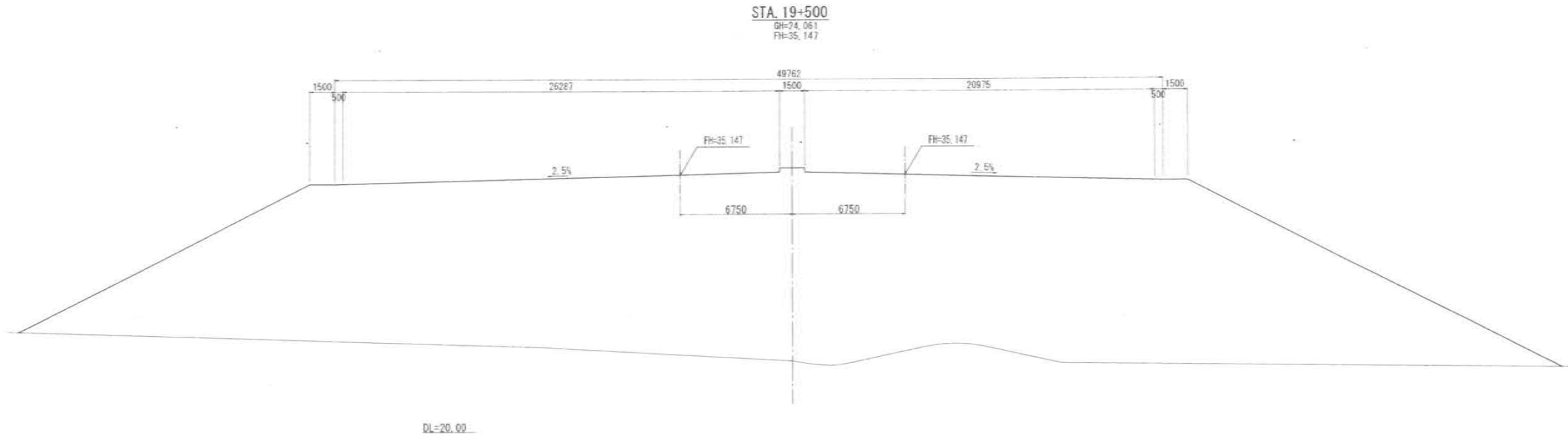


TITLE -		
Cross-Section of Main Line (2/6) 19+200, 19+300		
DATE	DRAWING NO.	REV.
	H-045	



Cross-Section of Main Line(3/6)

0847



DL=20.00



SCALE 1:150 @ A1

	NAME	SIGN
DRAWN BY		
CHECKED BY		
APPROVED BY		



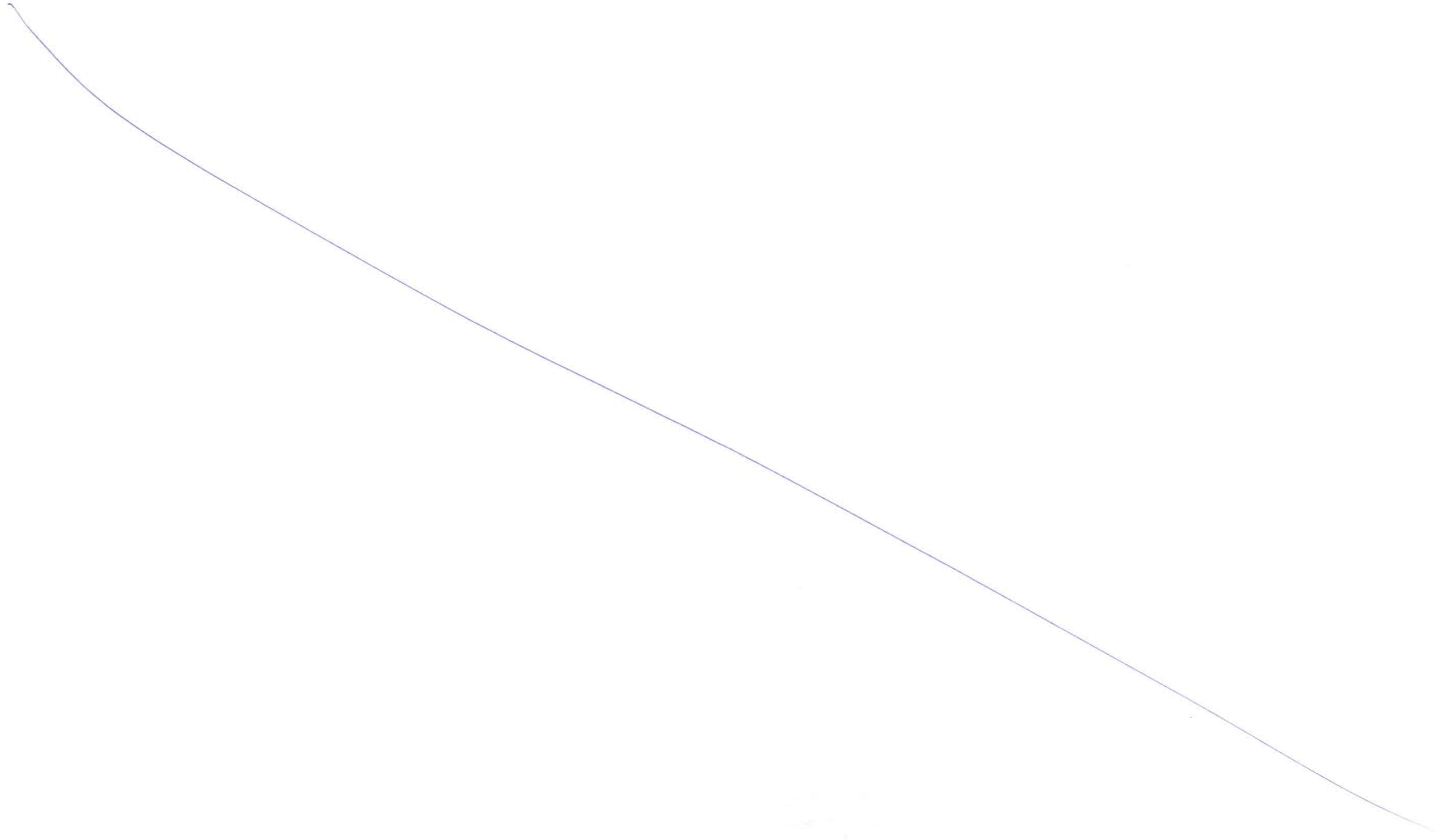
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT ->

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



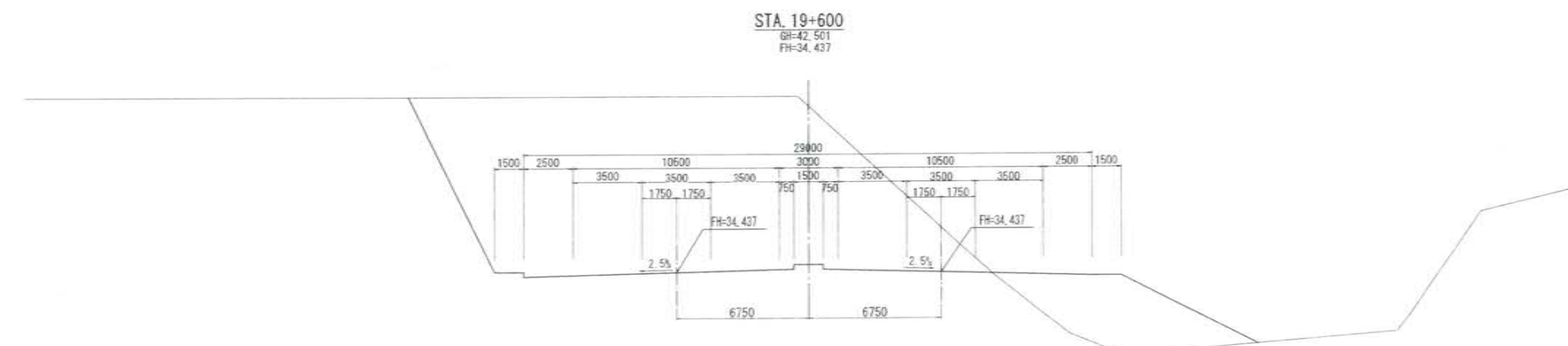
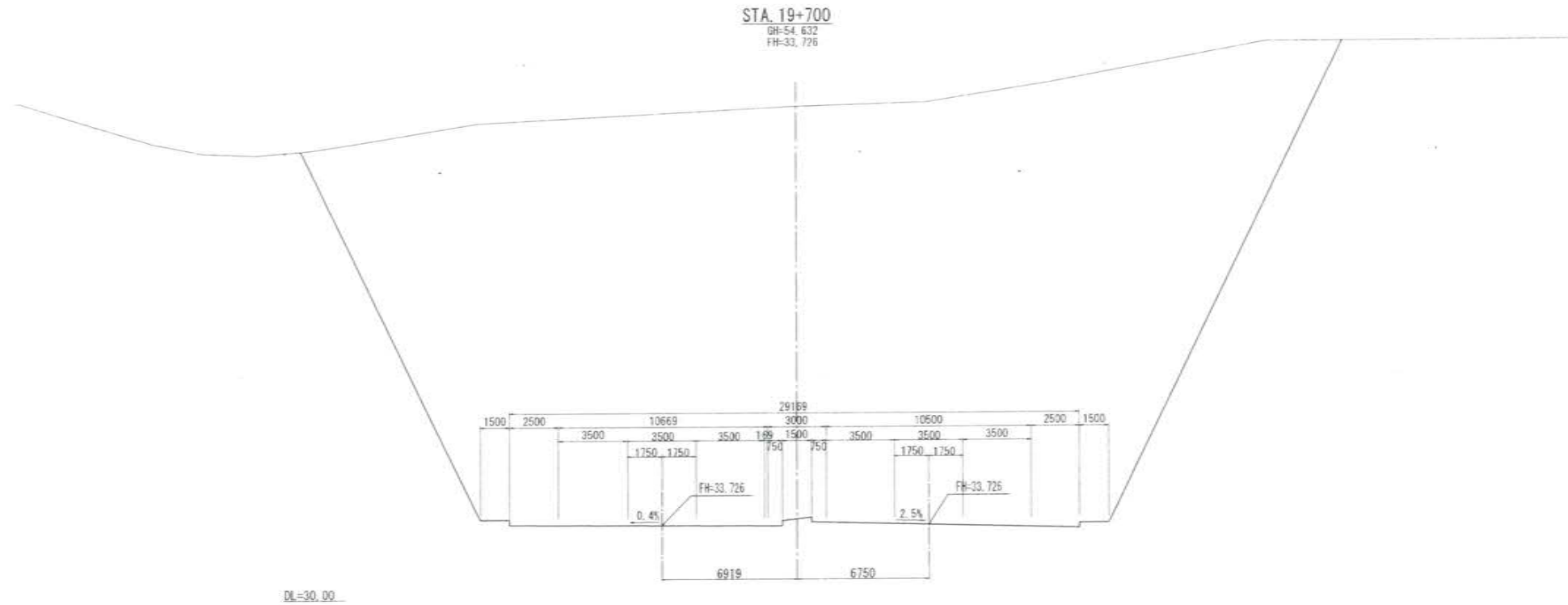
TITLE -		DATE	DRAWING NO.	REV.
Cross-Section of Main Line(3/6) 19+400, 19+500			H-046	



0848

Cross-Section of Main Line (4/6)

0849



SCALE 1:150 @ A1

	NAME	SIGN
DRAWN BY		
CHECKED BY		
APPROVED BY		



PROJECT :-



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

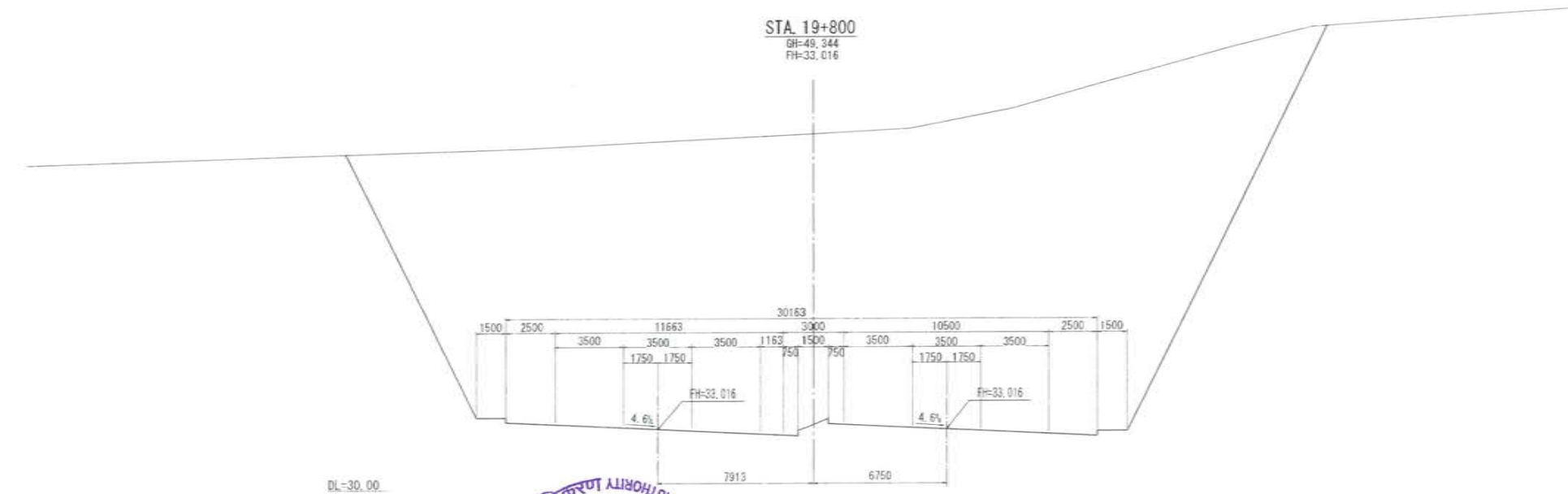
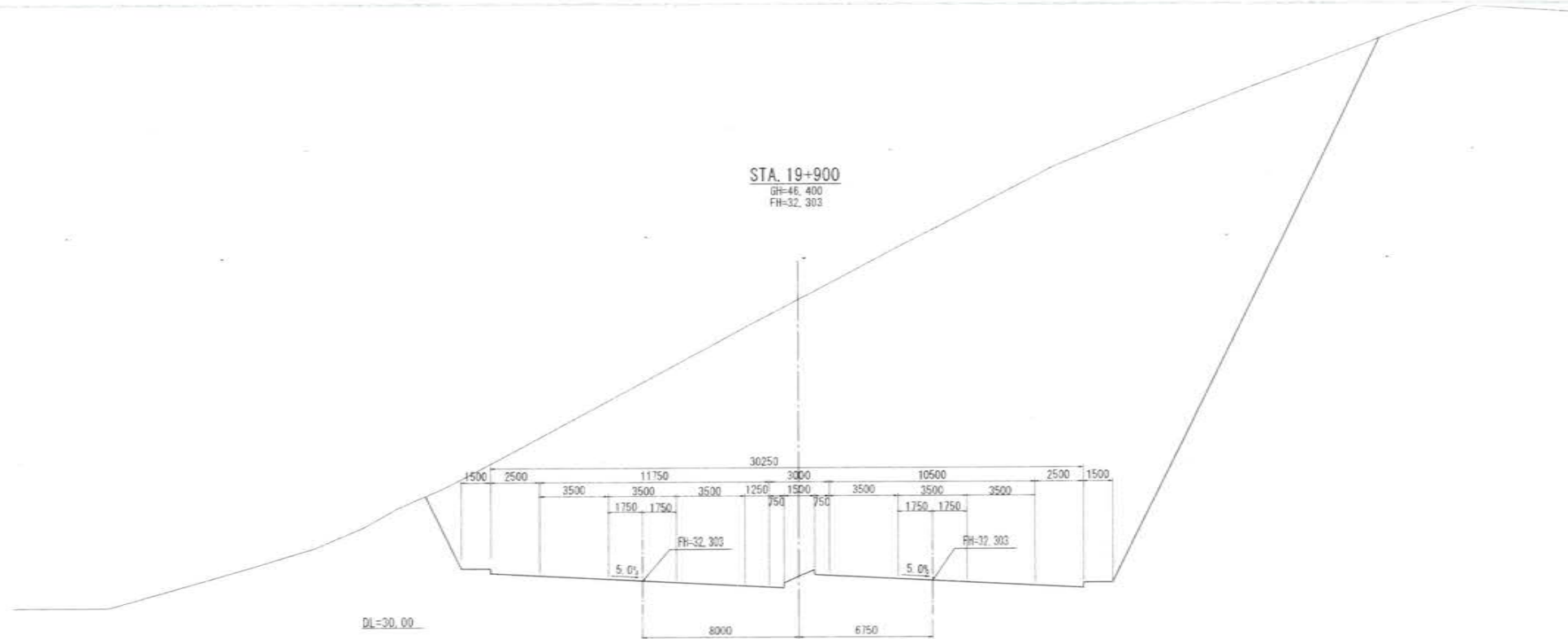


TITLE -	Cross-Section of Main Line (4/6) 19+600, 19+700		
DATE	DRAWING NO.	H-047	REV.



Cross-Section of Main Line (5/6)

0851



SCALE 1:150 @ A1

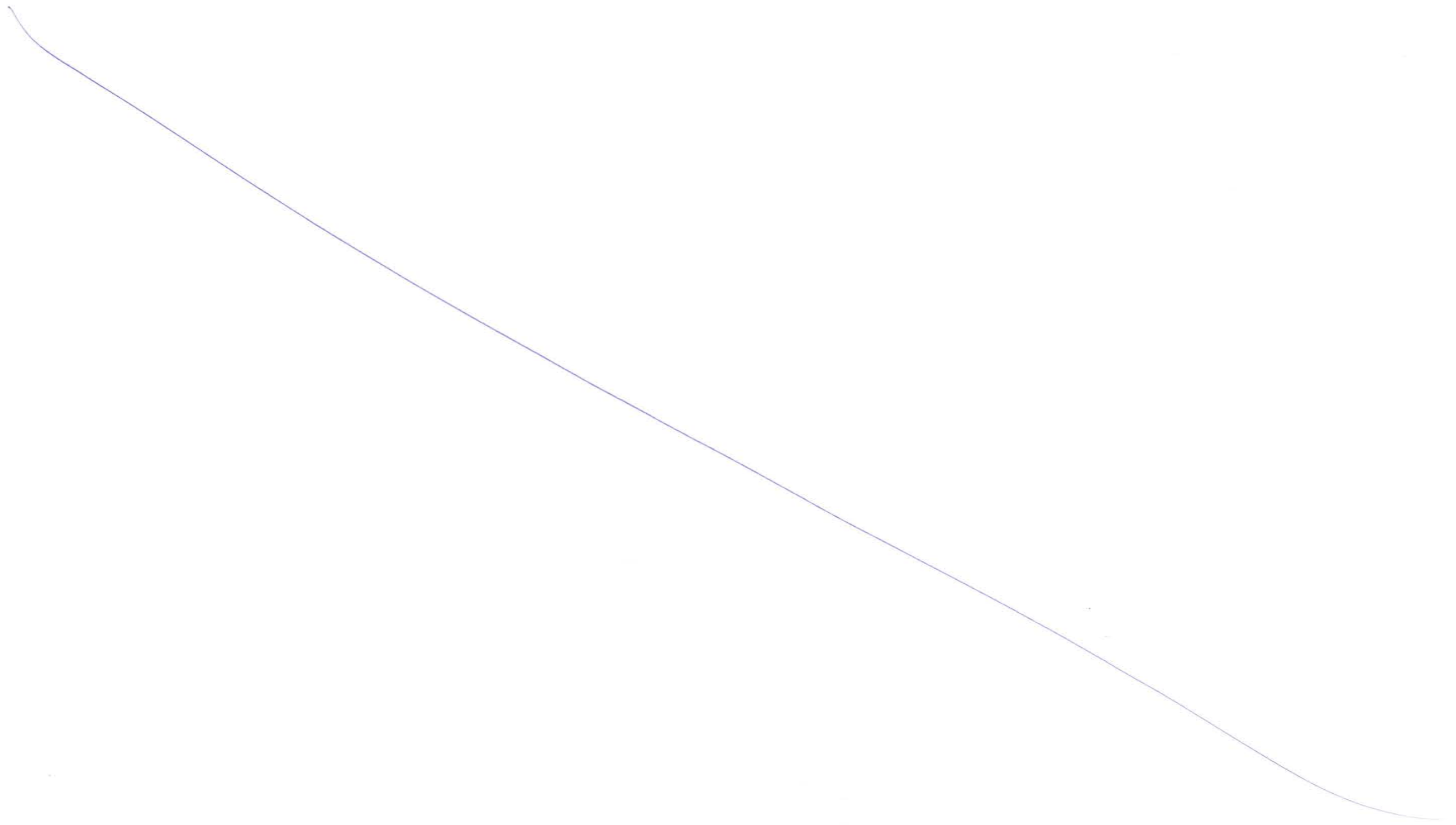
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DRAWN BY		
CHECKED BY		
APPROVED BY		



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

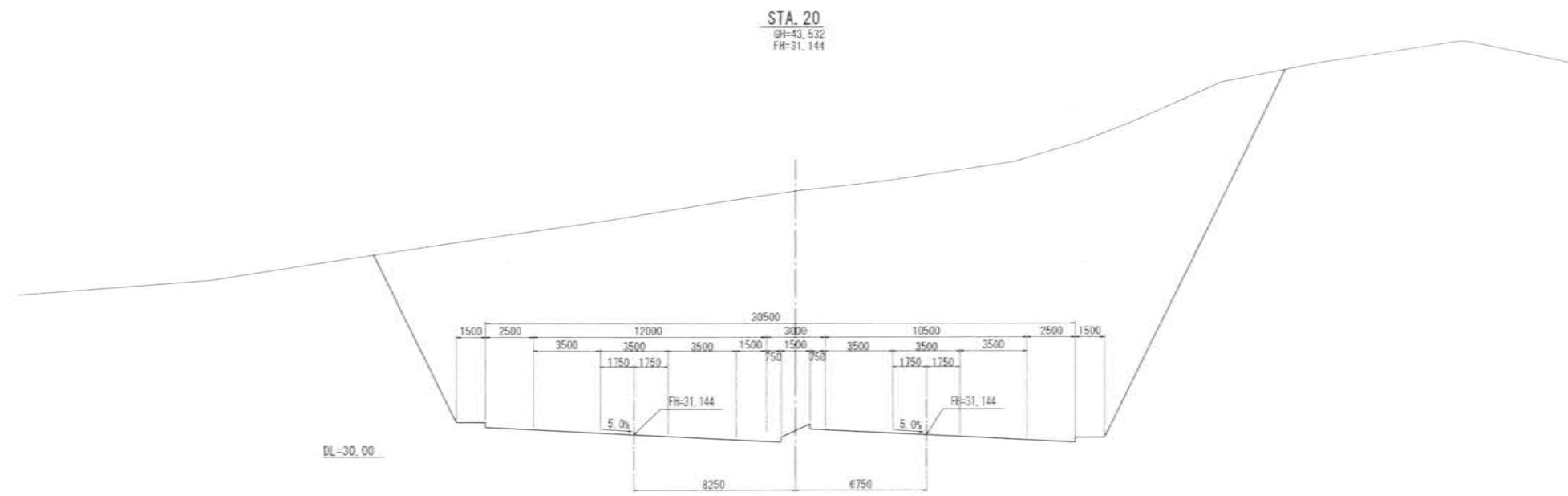


TITLE -		Cross-Section of Main Line (5/6)	
		19+800, 19+900	
DATE	DRAWING NO.	H-048	REV.



Cross-Section of Main Line(6/6)

0853



SCALE 1:150 @ A1

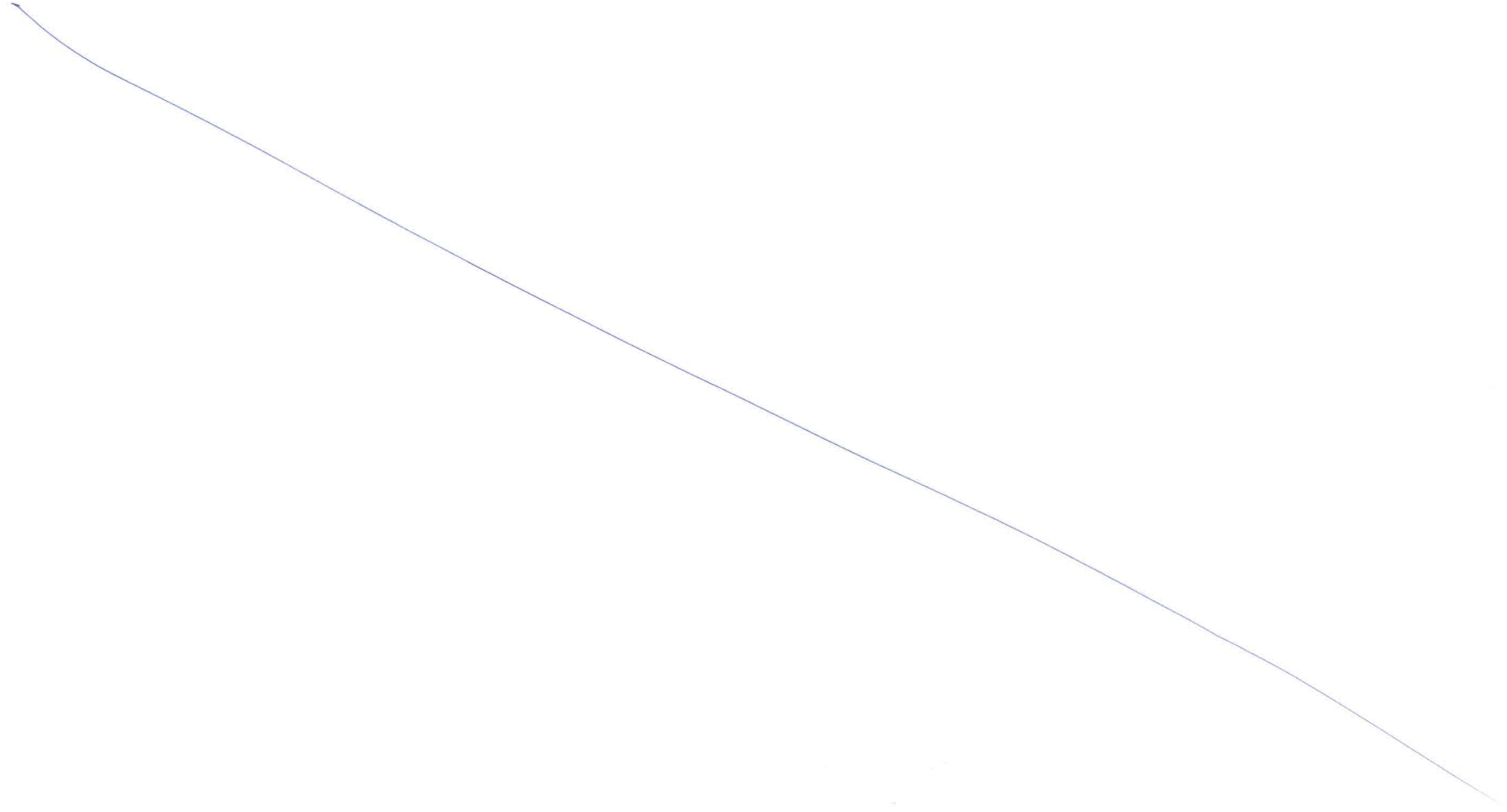
	NAME	SIGN
DRAWN BY		
CHECKED BY		
APPROVED BY		

MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT - **MUMBAI TRANS HARBOUR LINK PROJECT**
TENDER DRAWINGS

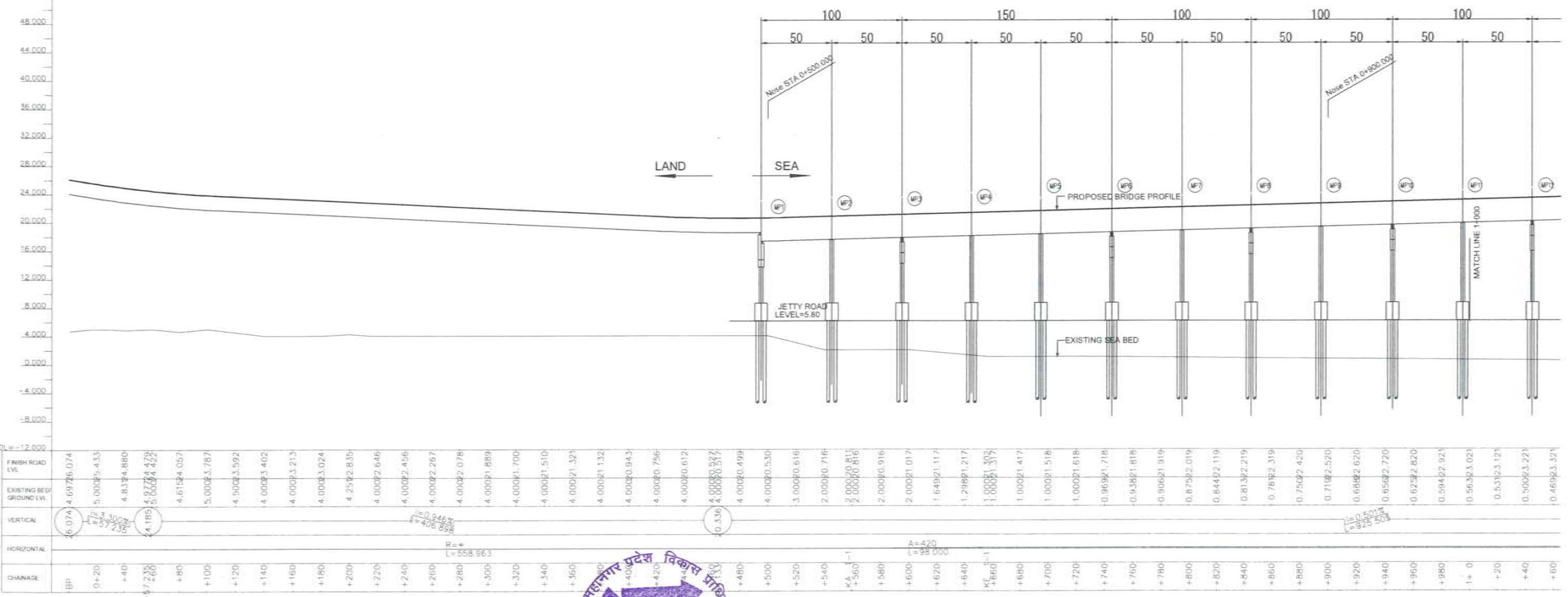
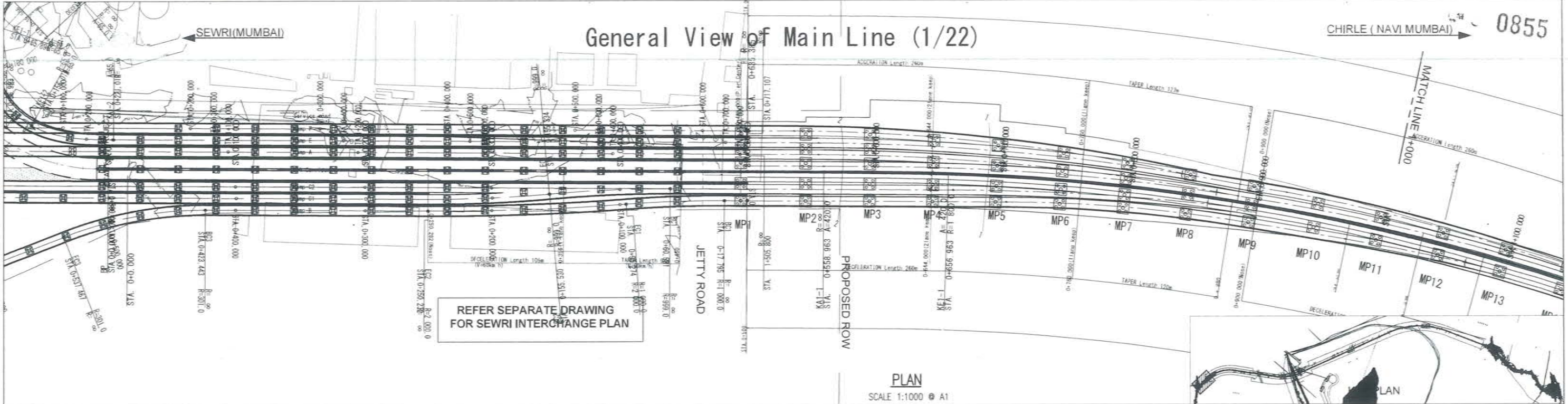


TITLE -		DATE	DRAWING NO.	REV.
Cross-Section of Main Line(6/6) 20+000			H-049	



General View of Main Line (1/22)

CHIRLE (NAVI MUMBAI) 0855



NAME	SIGN
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MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS

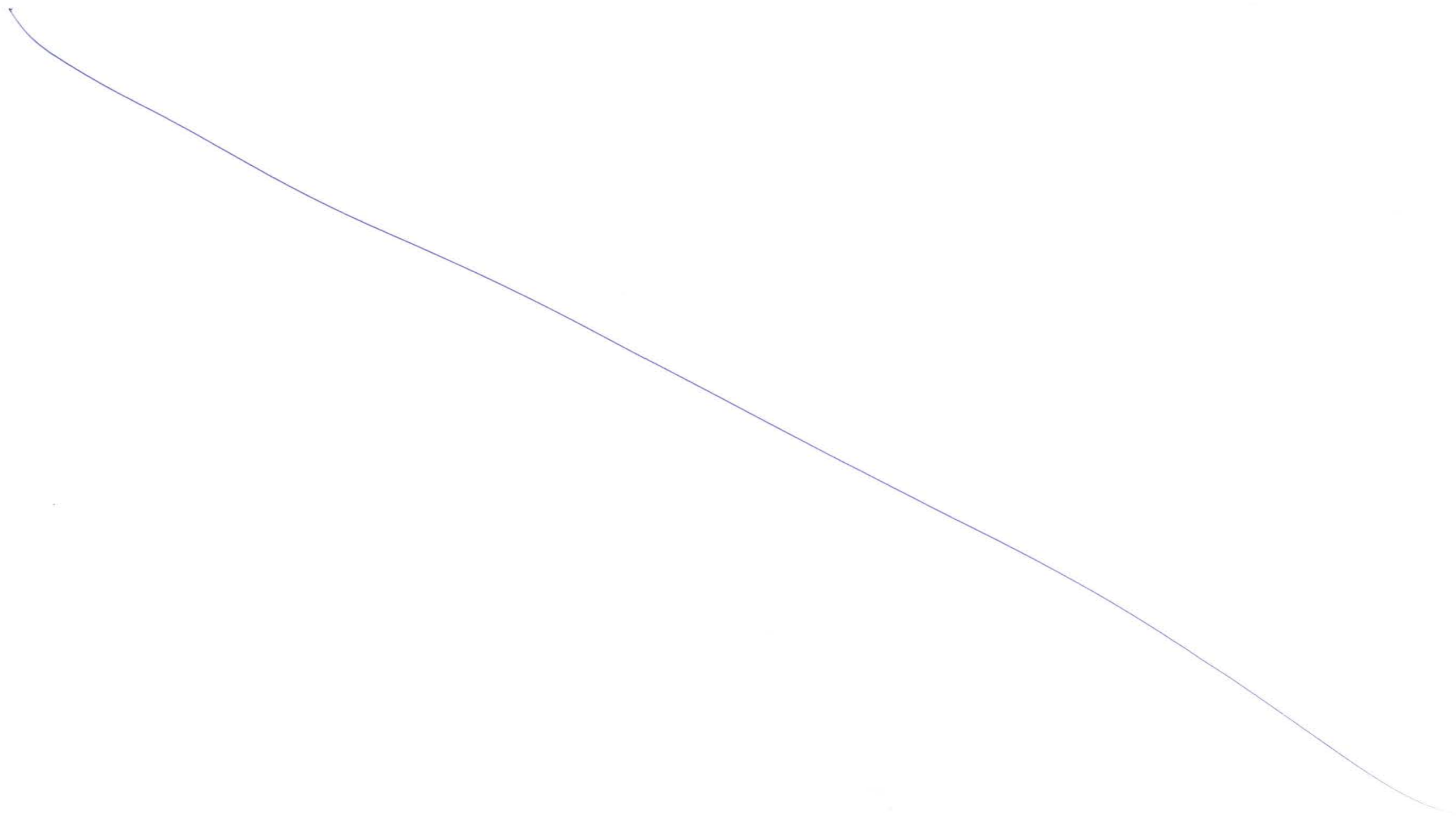


TITLE -
General View of Main Line (1/22)
FROM CH 0+000 TO CH 1+000

DATE	DRAWING NO. B-001	REV.
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PROJECT BY AN AUTODESK EDUCATIONAL PRODUCT

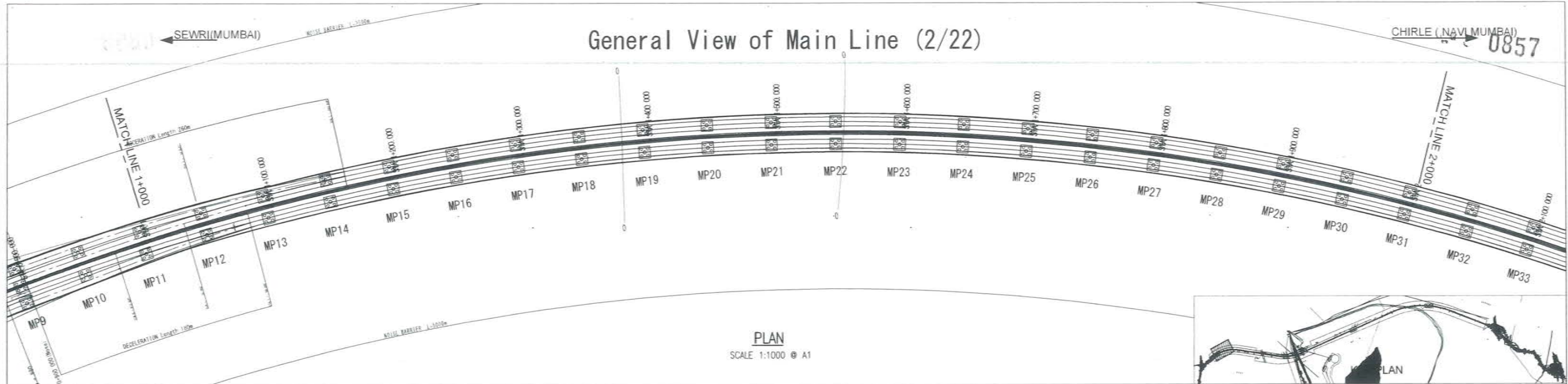
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



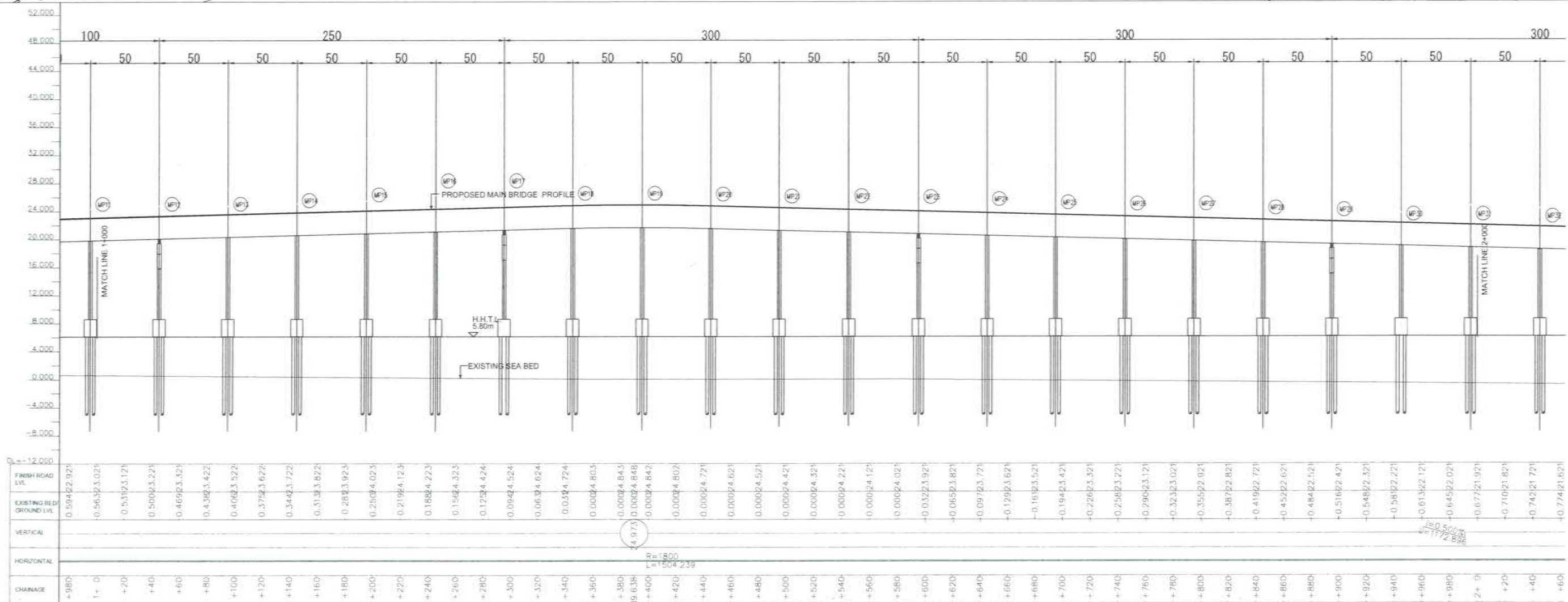
General View of Main Line (2/22)

SEWRI (MUMBAI)

CHIRLE (NAVI MUMBAI) 0857



PLAN
SCALE 1:1000 @ A1



PROFILE
SCALE H=1:1000 V=1:400 @ A1

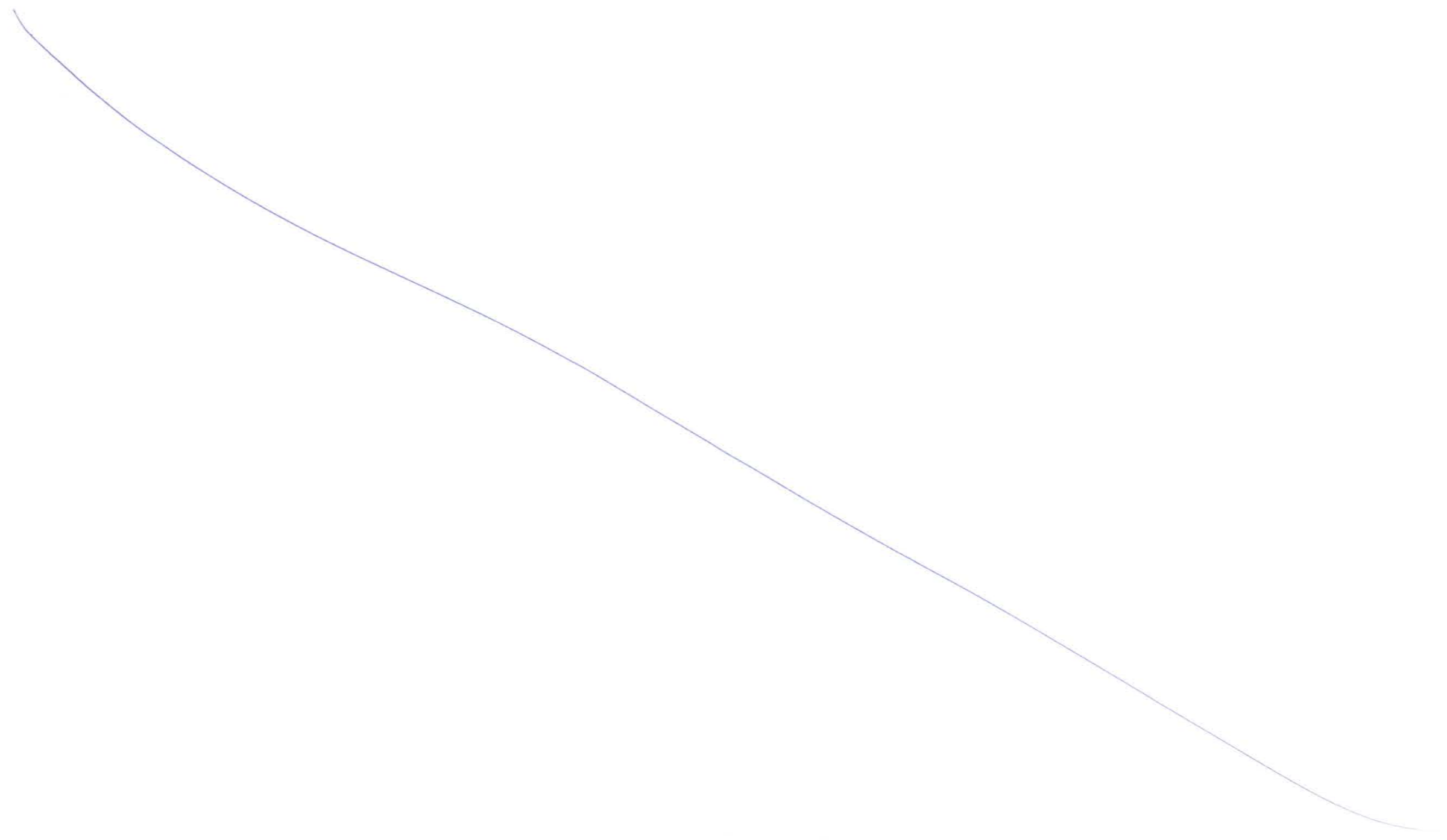
NAME	SKN
DRAWN BY	
CHECKED BY	
APPROVED BY	

MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT: **MUMBAI TRANS HARBOUR LINK PROJECT**
TENDER DRAWINGS



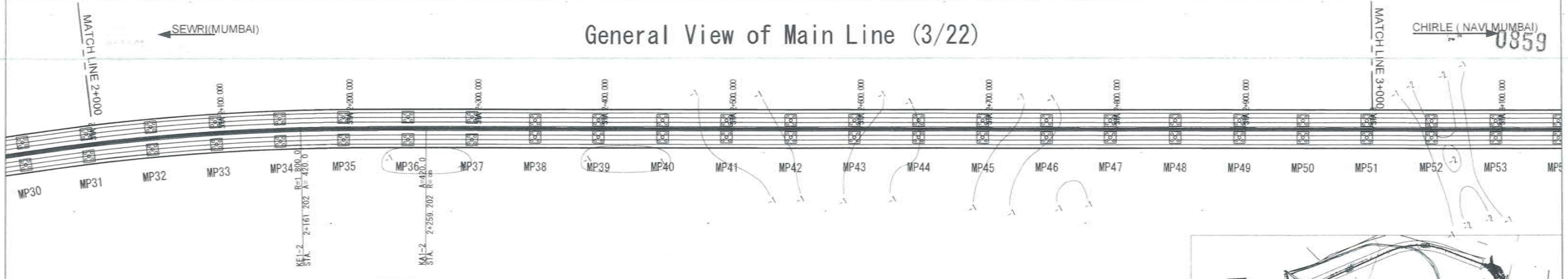
TITLE -	General View of Main Line (2/22) FROM CH 1+000 TO CH 2+000	
DATE	DRAWING NO.	REV.
	B-002	



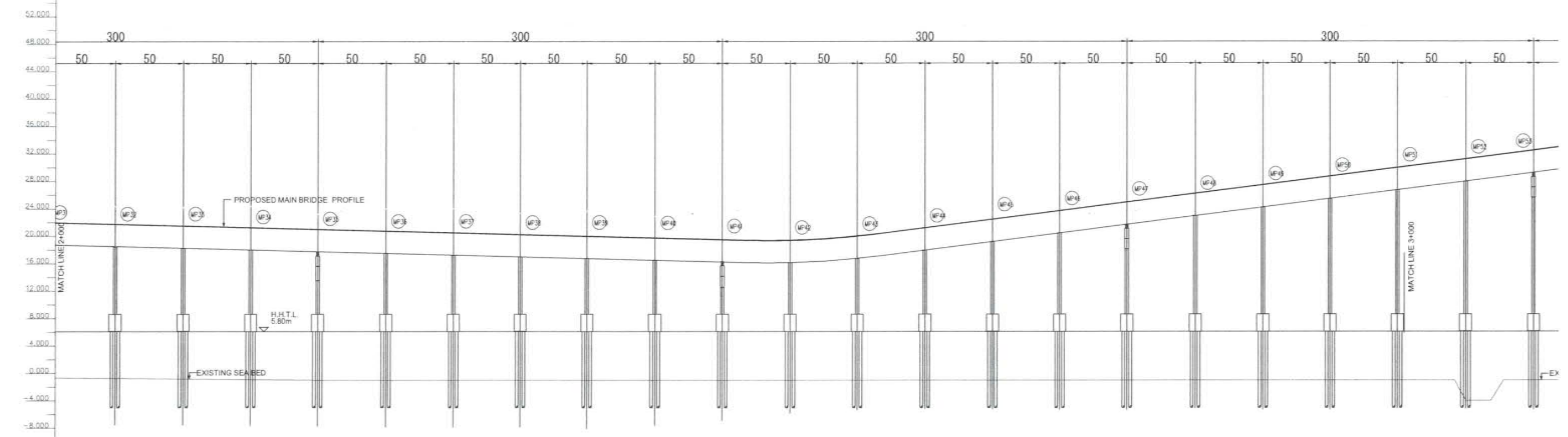
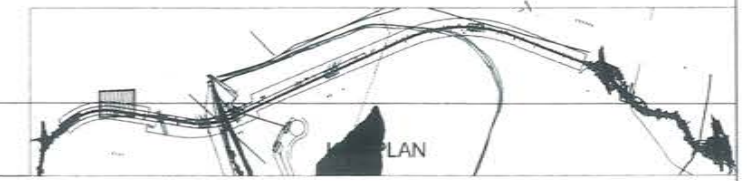
General View of Main Line (3/22)

SEWRI (MUMBAI)

CHIRLE (NAV MUMBAI) 0859



PLAN
SCALE 1:1000 @ A1



CH	FINISH ROAD LVL	EXISTING GROUND LVL	VERTICAL	HORIZONTAL	CHANGAGE
2+00	-0.71021.821	-0.71021.721			+20
2+04	-0.74221.721	-0.74221.621			+40
2+08	-0.77421.621	-0.77421.521			+60
2+12	-0.80621.521	-0.80621.421			+80
2+16	-0.83821.421	-0.83821.321			+100
2+20	-0.87021.321	-0.87021.221			+120
2+24	-0.90221.221	-0.90221.121			+140
2+28	-0.93421.121	-0.93421.021			+160
2+32	-0.96621.021	-0.96621.921			+180
2+36	-1.00020.921	-1.00020.821			+200
2+40	-1.00020.821	-1.00020.721			+220
2+44	-1.00020.721	-1.00020.621			+240
2+48	-1.00020.621	-1.00020.521			+260
2+52	-1.00020.521	-1.00020.421			+280
2+56	-1.00020.421	-1.00020.321			+300
2+60	-1.00020.321	-1.00020.221			+320
2+64	-1.00020.221	-1.00020.121			+340
2+68	-1.00020.121	-1.00020.021			+360
2+72	-1.00019.921	-1.00019.821			+380
2+76	-1.00019.821	-1.00019.721			+400
2+80	-1.00019.721	-1.00019.621			+420
2+84	-1.00019.621	-1.00019.521			+440
2+88	-1.00019.521	-1.00019.421			+460
2+92	-1.00019.421	-1.00019.329			+480
2+96	-1.00019.329	-1.00019.229			+500
3+00	-1.00019.229	-1.00019.129			+520
3+04	-1.00019.129	-1.00019.029			+540
3+08	-1.00019.029	-1.00018.929			+560
3+12	-1.00018.929	-1.00018.829			+580
3+16	-1.00018.829	-1.00018.729			+600
3+20	-1.00018.729	-1.00018.629			+620
3+24	-1.00018.629	-1.00018.529			+640
3+28	-1.00018.529	-1.00018.429			+660
3+32	-1.00018.429	-1.00018.329			+680
3+36	-1.00018.329	-1.00018.229			+700
3+40	-1.00018.229	-1.00018.129			+720
3+44	-1.00018.129	-1.00018.029			+740
3+48	-1.00018.029	-1.00017.929			+760
3+52	-1.00017.929	-1.00017.829			+780
3+56	-1.00017.829	-1.00017.729			+800
3+60	-1.00017.729	-1.00017.629			+820
3+64	-1.00017.629	-1.00017.529			+840
3+68	-1.00017.529	-1.00017.429			+860
3+72	-1.00017.429	-1.00017.329			+880
3+76	-1.00017.329	-1.00017.229			+900
3+80	-1.00017.229	-1.00017.129			+920
3+84	-1.00017.129	-1.00017.029			+940
3+88	-1.00017.029	-1.00016.929			+960
3+92	-1.00016.929	-1.00016.829			+980
3+96	-1.00016.829	-1.00016.729			+1000
4+00	-1.00016.729	-1.00016.629			+1020
4+04	-1.00016.629	-1.00016.529			+1040
4+08	-1.00016.529	-1.00016.429			+1060
4+12	-1.00016.429	-1.00016.329			+1080
4+16	-1.00016.329	-1.00016.229			+1100

PROFILE
SCALE H=1:1000 V=1:400 @ A1



MMRDA
MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

PROJECT: **MUMBAI TRANS HARBOUR LINK PROJECT**
TENDER DRAWINGS

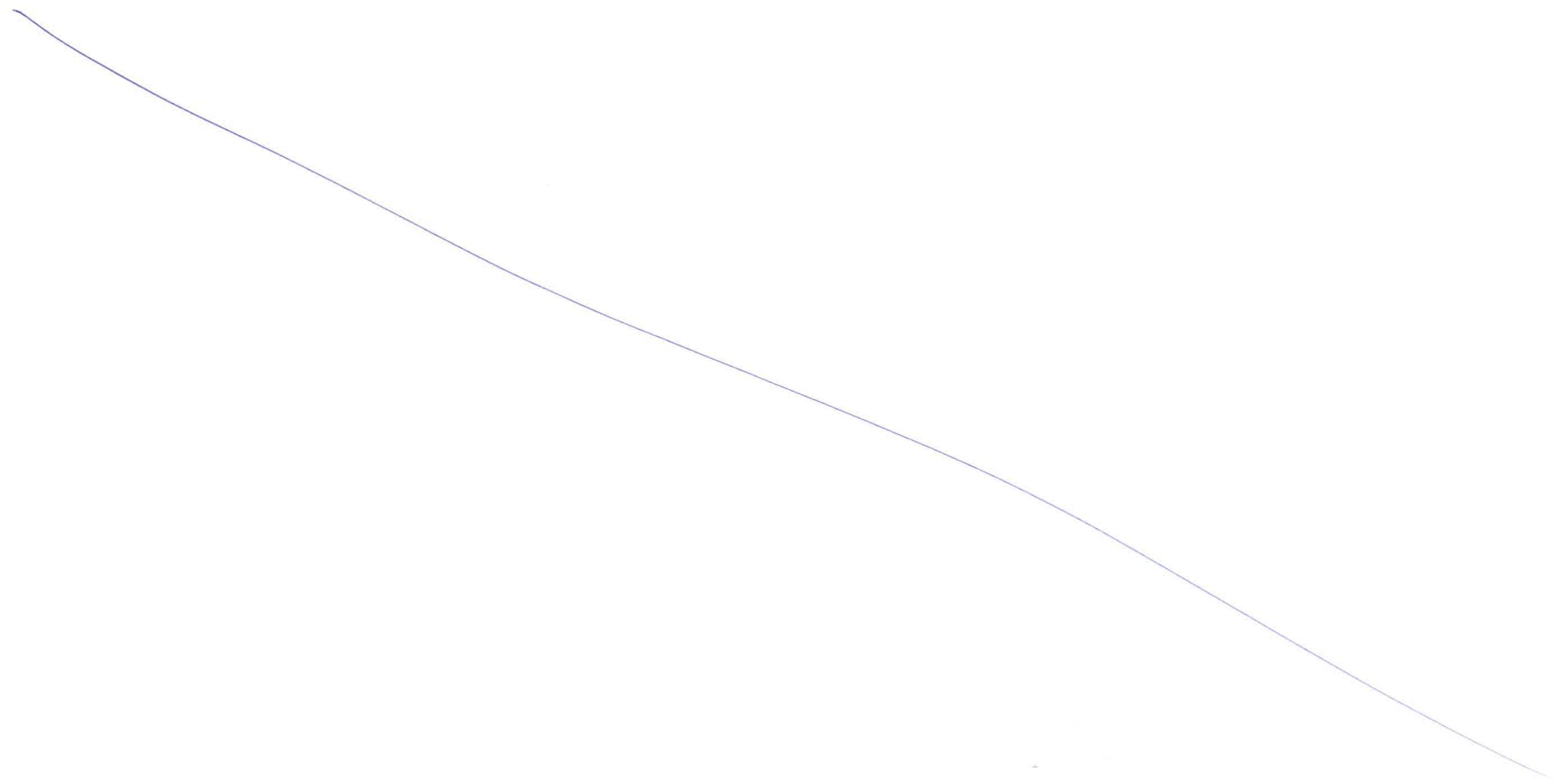


TITLE -	General View of Main Line (3/22) FROM CH 2+000 TO CH 3+000		
DATE	DRAWING NO.	B-003	REV.

PROJECT: YAN TOU K EEL ATIC L PROJECT

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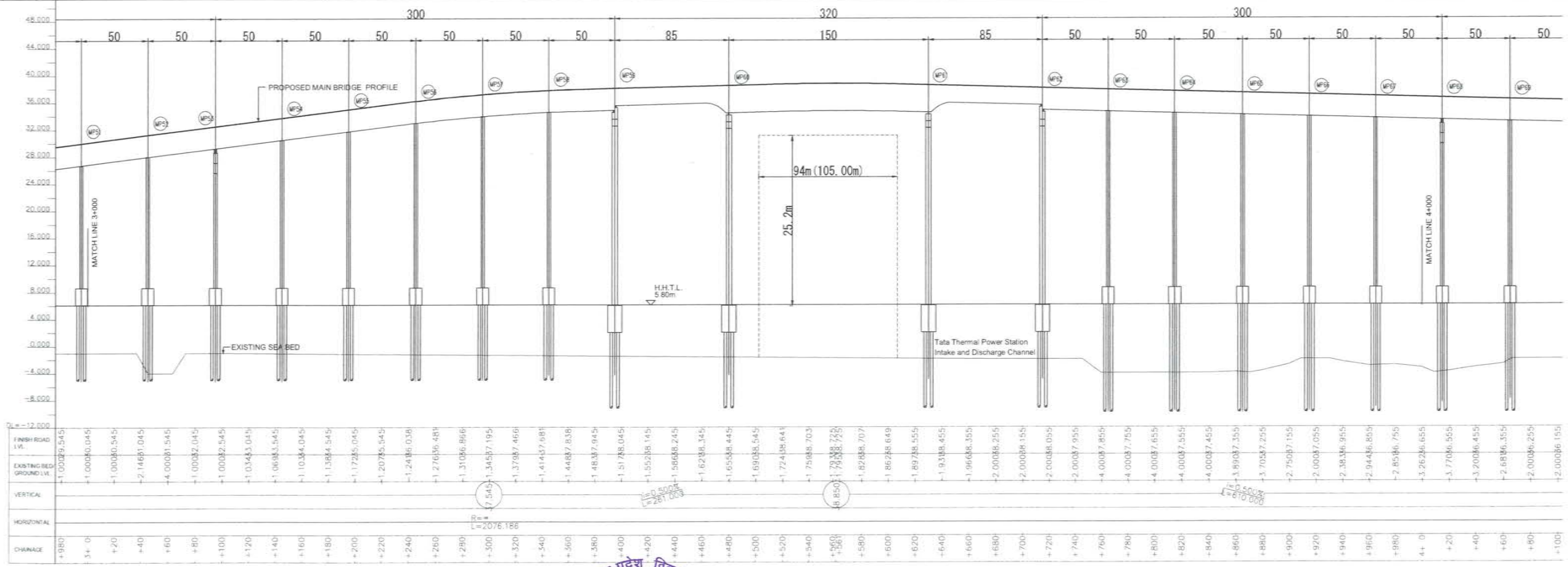
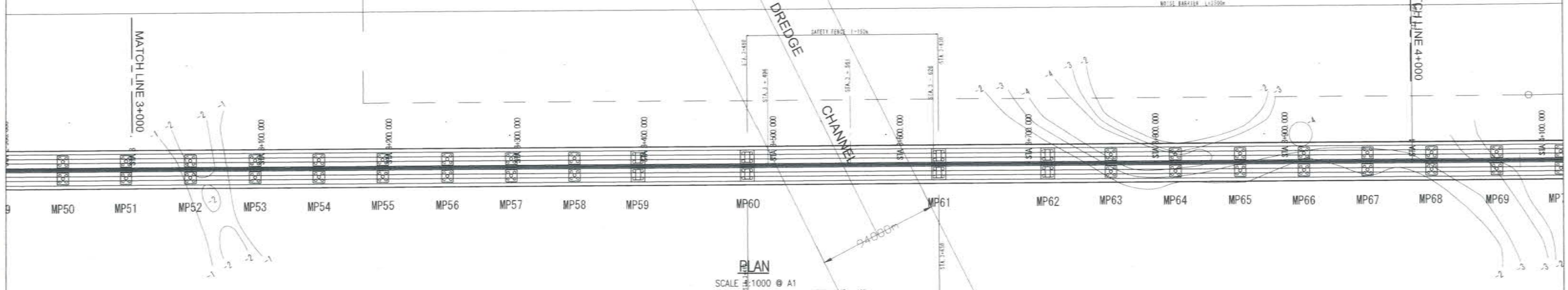
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General View of Main Line (4/22)

CHIRLE (NAV MUMBAI)

SEWRI (MUMBAI)



PROFILE
SCALE H=1:1000 V=1:400 @ A1



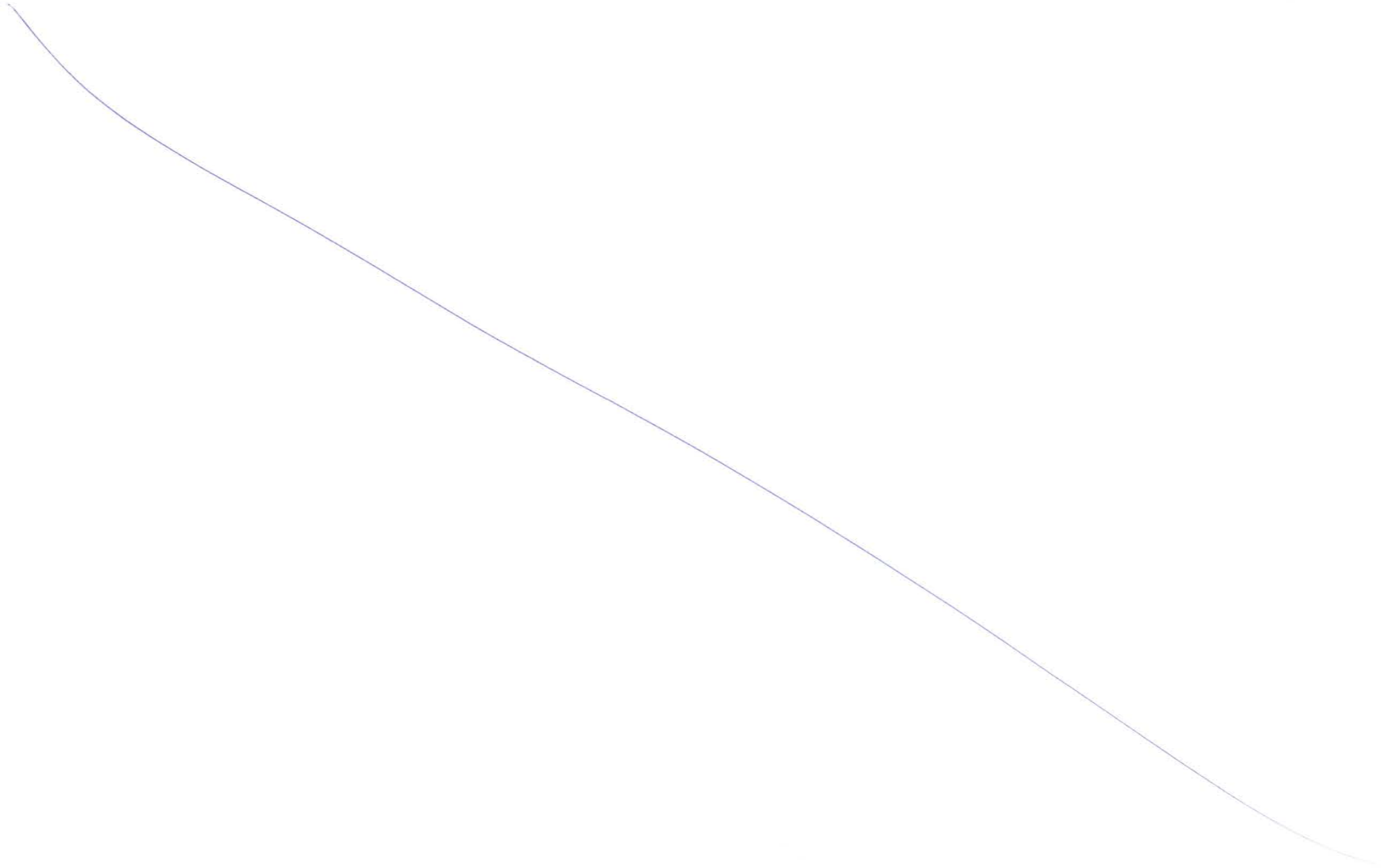
MMRDA
MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

PROJECT - **MUMBAI TRANS HARBOUR LINK PROJECT**
TENDER DRAWINGS

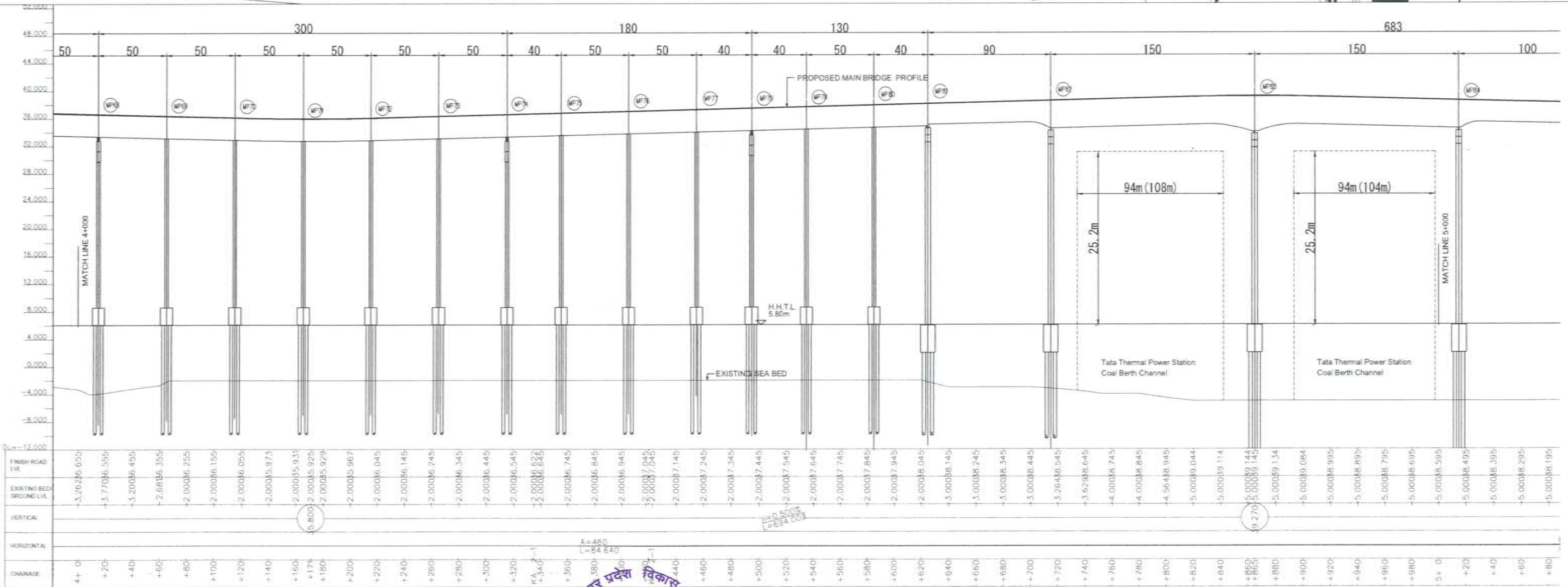
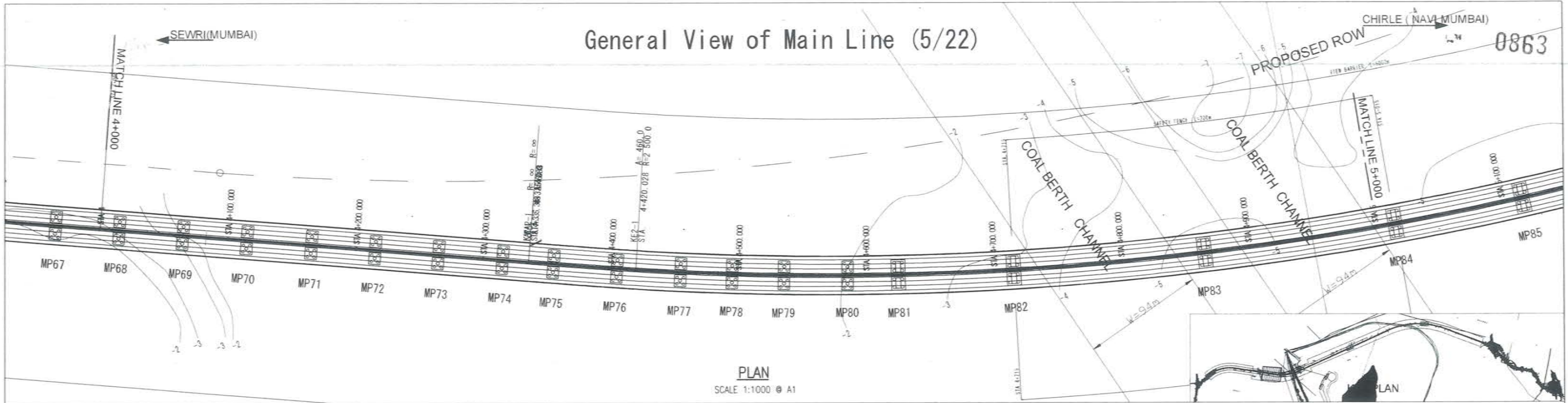


TITLE - **General View of Main Line (4/22) FROM CH 3+000 TO CH 4+000**
DATE: _____ DRAWING NO. **B-004** REV. _____

NAME	SIGN
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APPROVED BY	



General View of Main Line (5/22)



NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



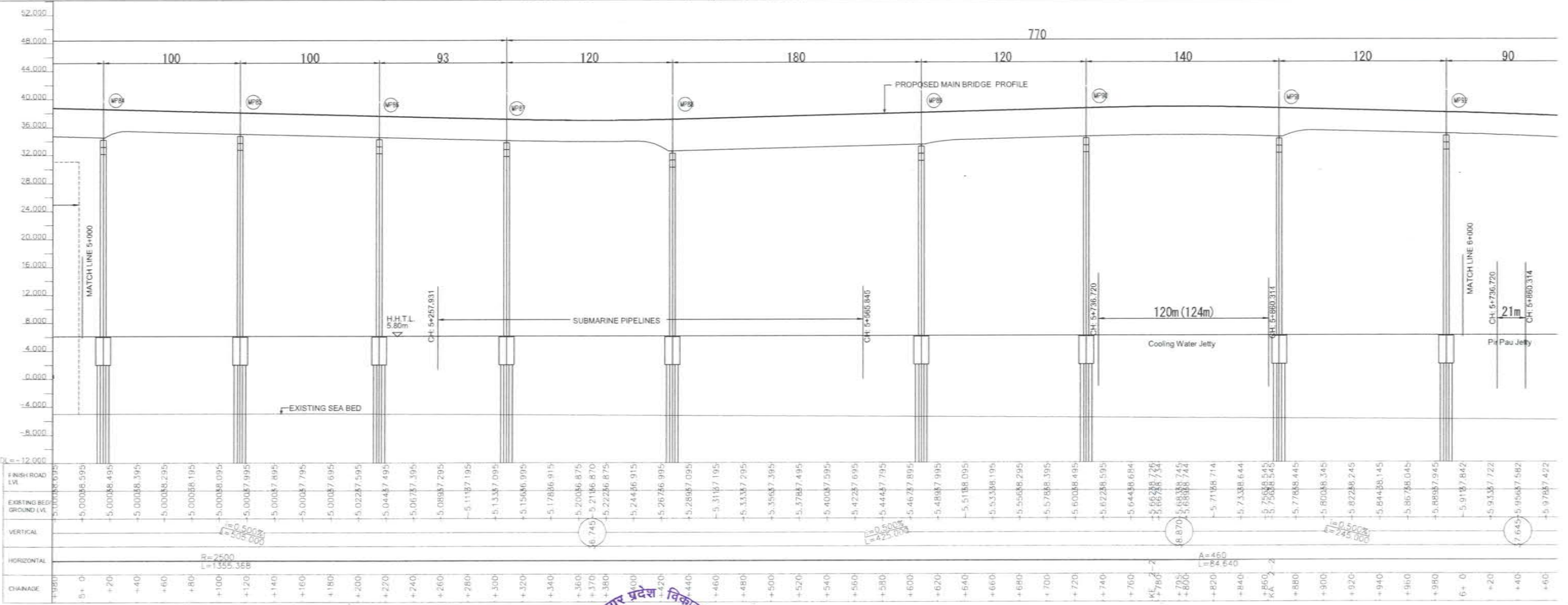
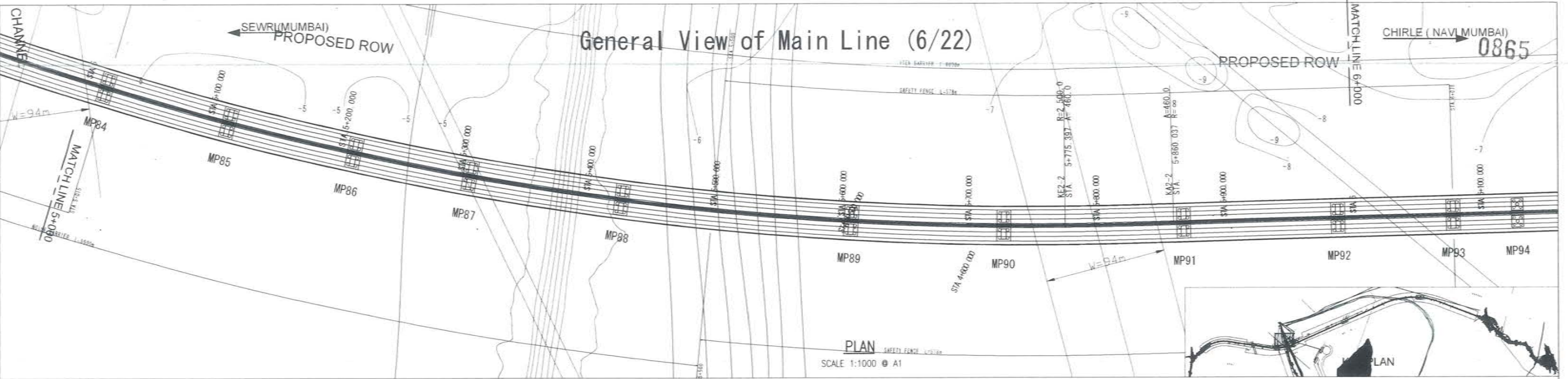
PROJECT - MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -	General View of Main Line (5/22) FROM CH 4+000 TO CH 5+000		
DATE	DRAWING NO.	B-005	REV.



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DEVELOPMENT AUTHORITY

PROJECT - **MUMBAI TRANS HARBOUR LINK PROJECT**
TENDER DRAWINGS

TITLE - **General View of Main Line (6/22)
FROM CH 5+000 TO CH 6+000**

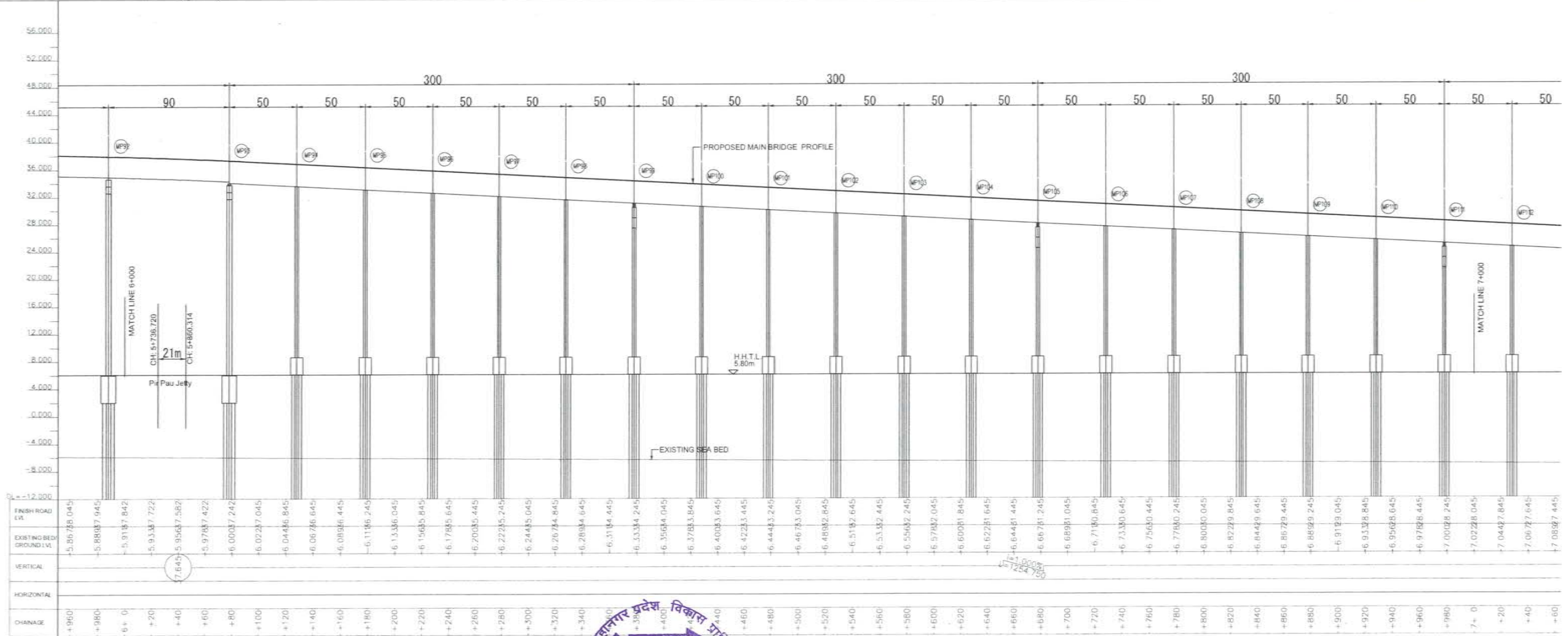
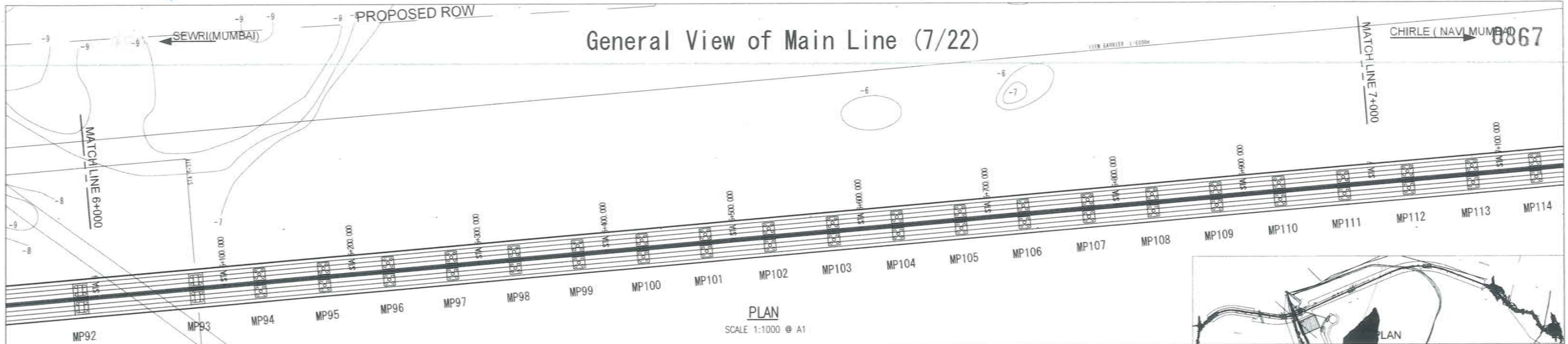
DATE _____ DRAWING NO. **B-006** REV. _____





4

General View of Main Line (7/22)



NAME	SIGN

MMRDA
MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

PROJECT - **MUMBAI TRANS HARBOUR LINK PROJECT**

TENDER DRAWINGS

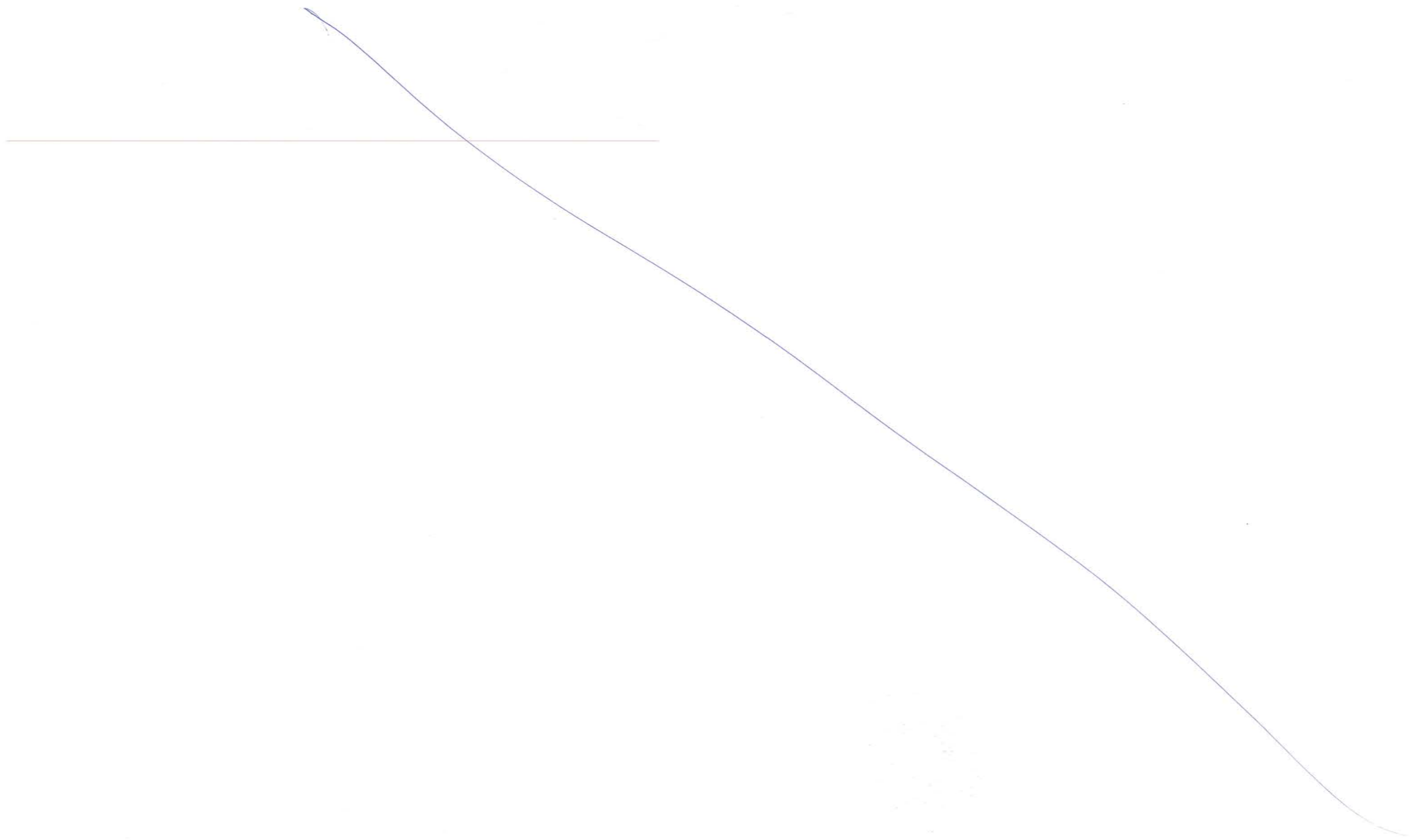
PROFILE
SCALE H=1:1000 V=1:400 @ A1

TOUBRO LIMITED

TITLE -	General View of Main Line (7/22) FROM CH 6+000 TO CH 7+000
DATE	
DRAWING NO.	B-007
REV.	

PROJECT BY AN AUTODESK EDUCATIONAL PRODUCT

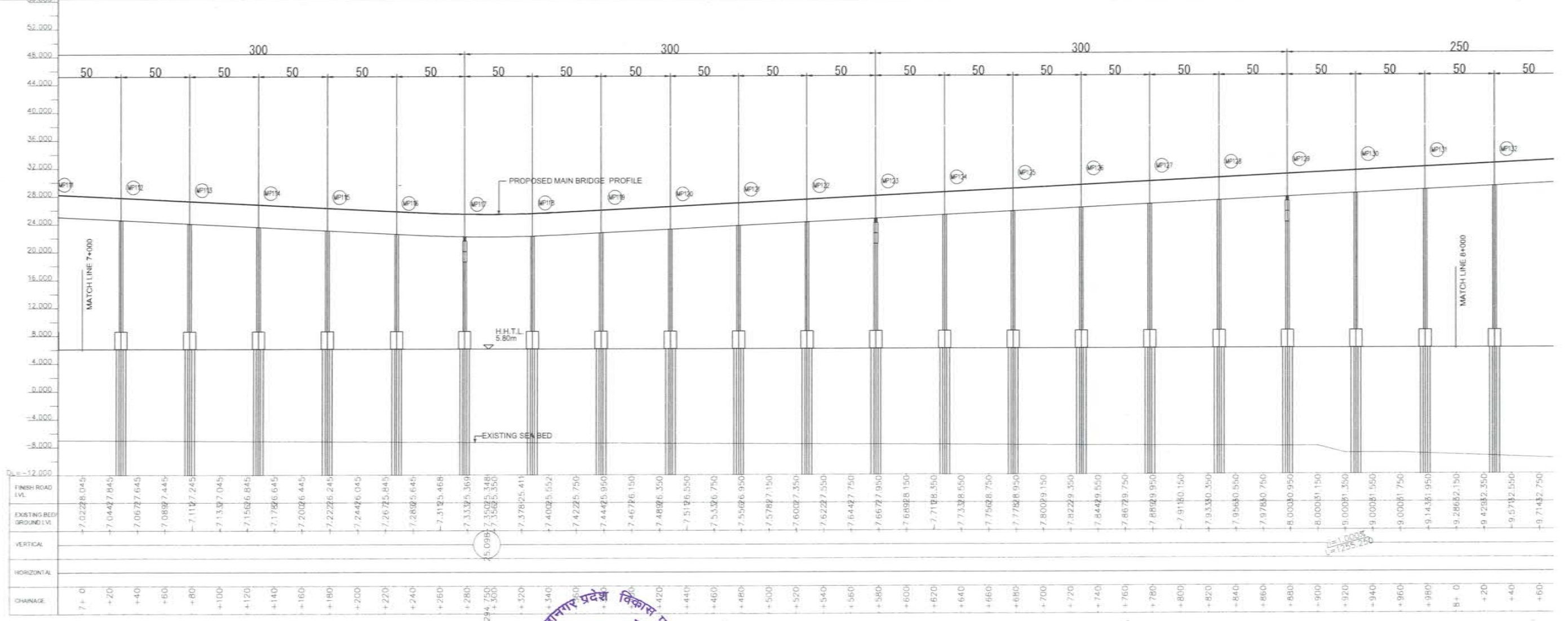
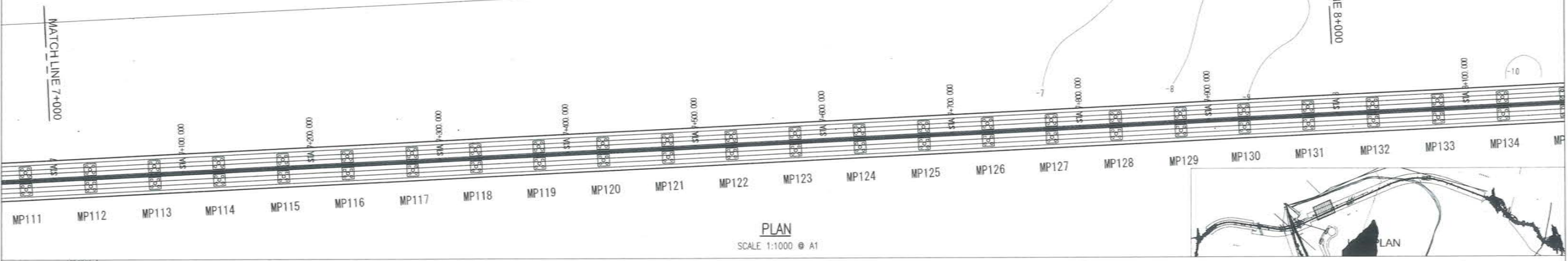
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



General View of Main Line (8/22)

SEWRI (MUMBAI)

CHIRLE (NAVIMUNSA) 0869



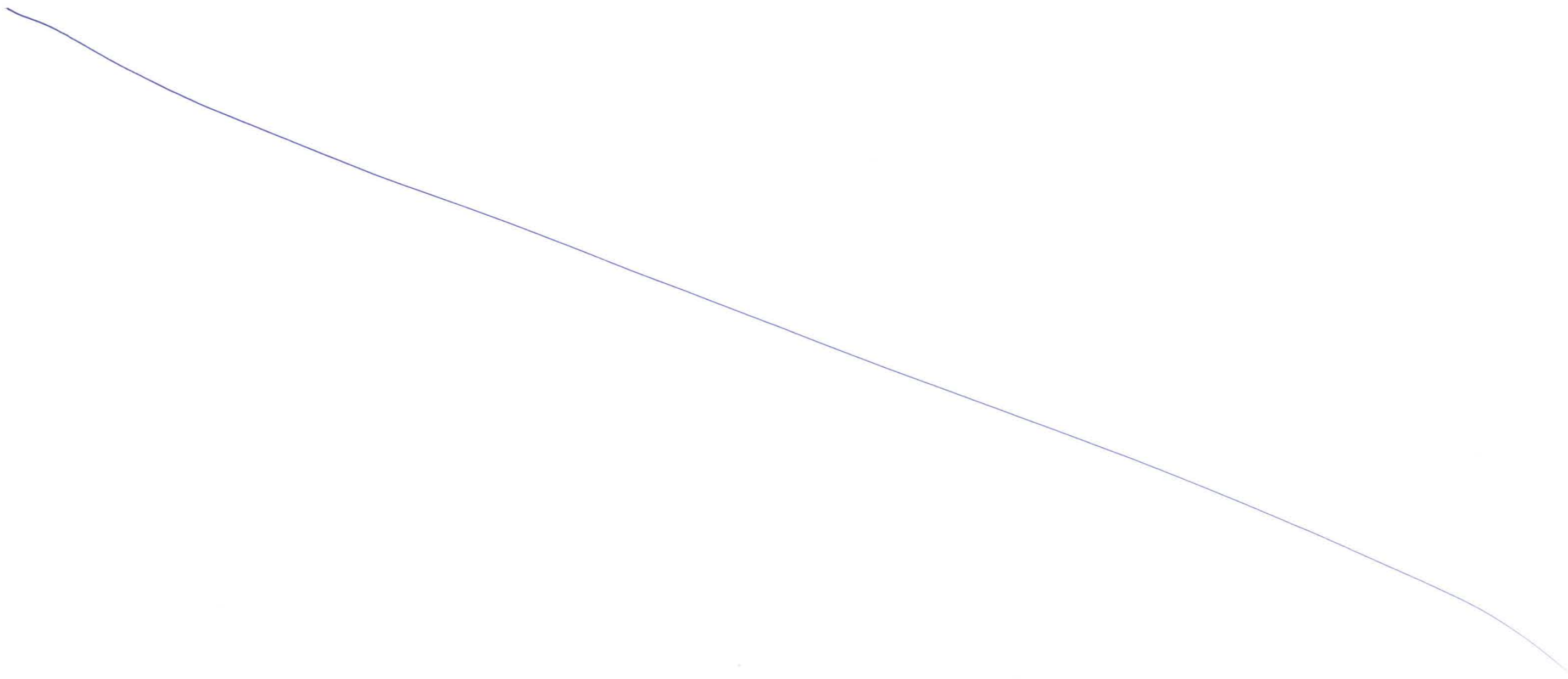
NAME	SIGN



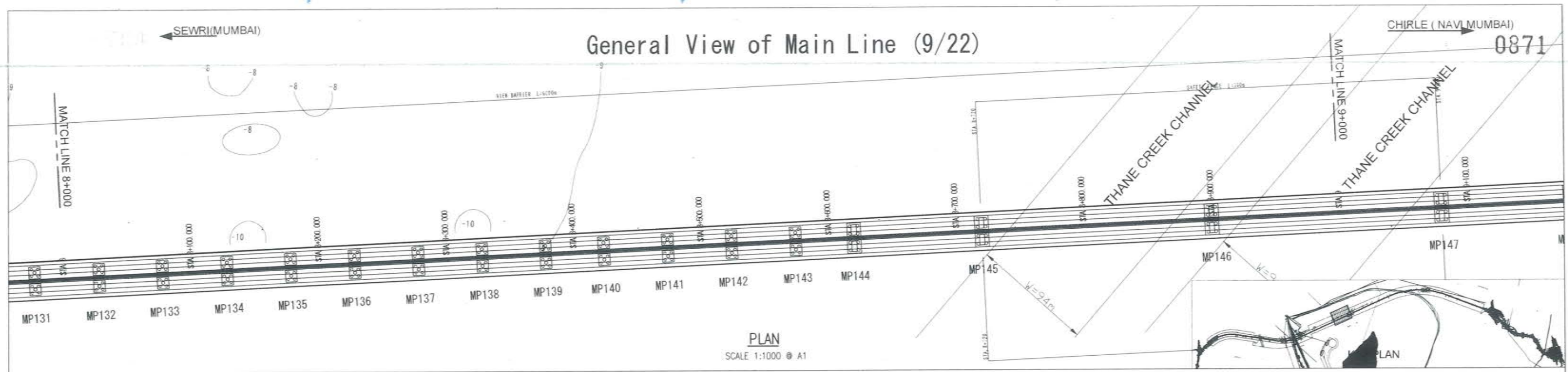
MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS



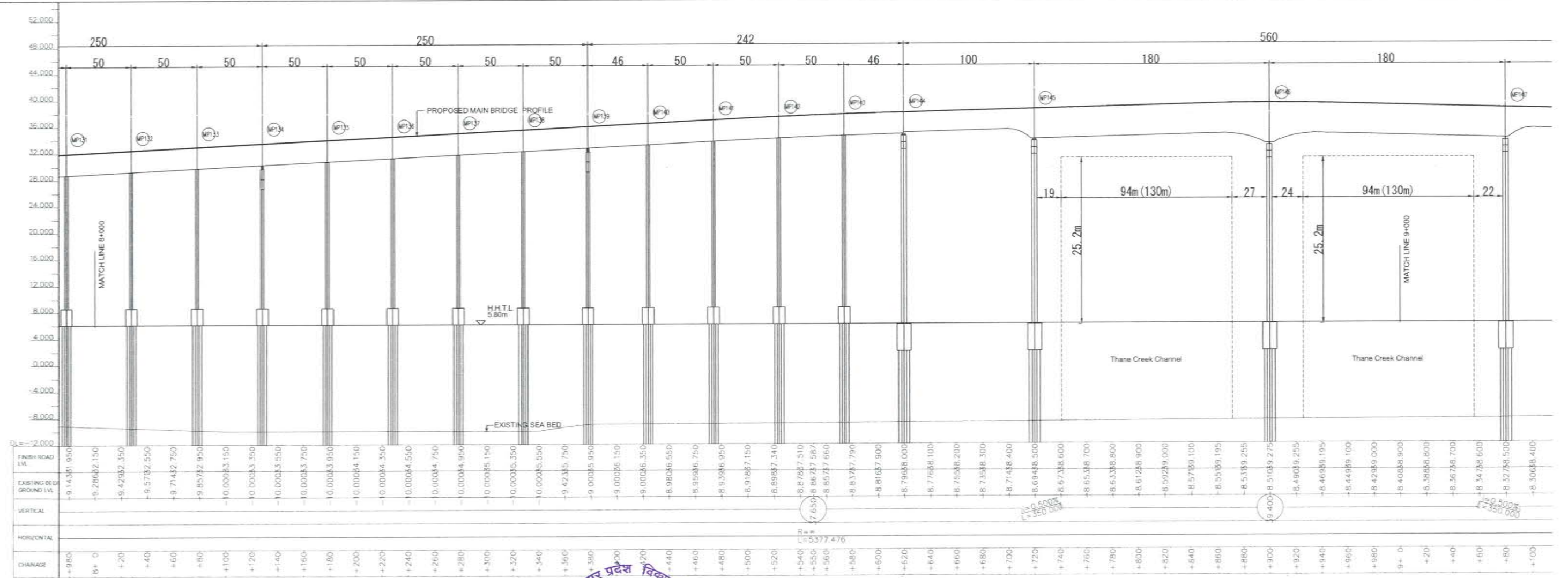
TITLE - General View of Main Line (8/22) FROM CH 7+000 TO CH 8+000		
DATE	DRAWING NO. B-008	REV.



General View of Main Line (9/22)



PLAN
SCALE 1:1000 @ A1



PROFILE
SCALE H=1:1000 V=1:400 @ A1

NAME	SIGN
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MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

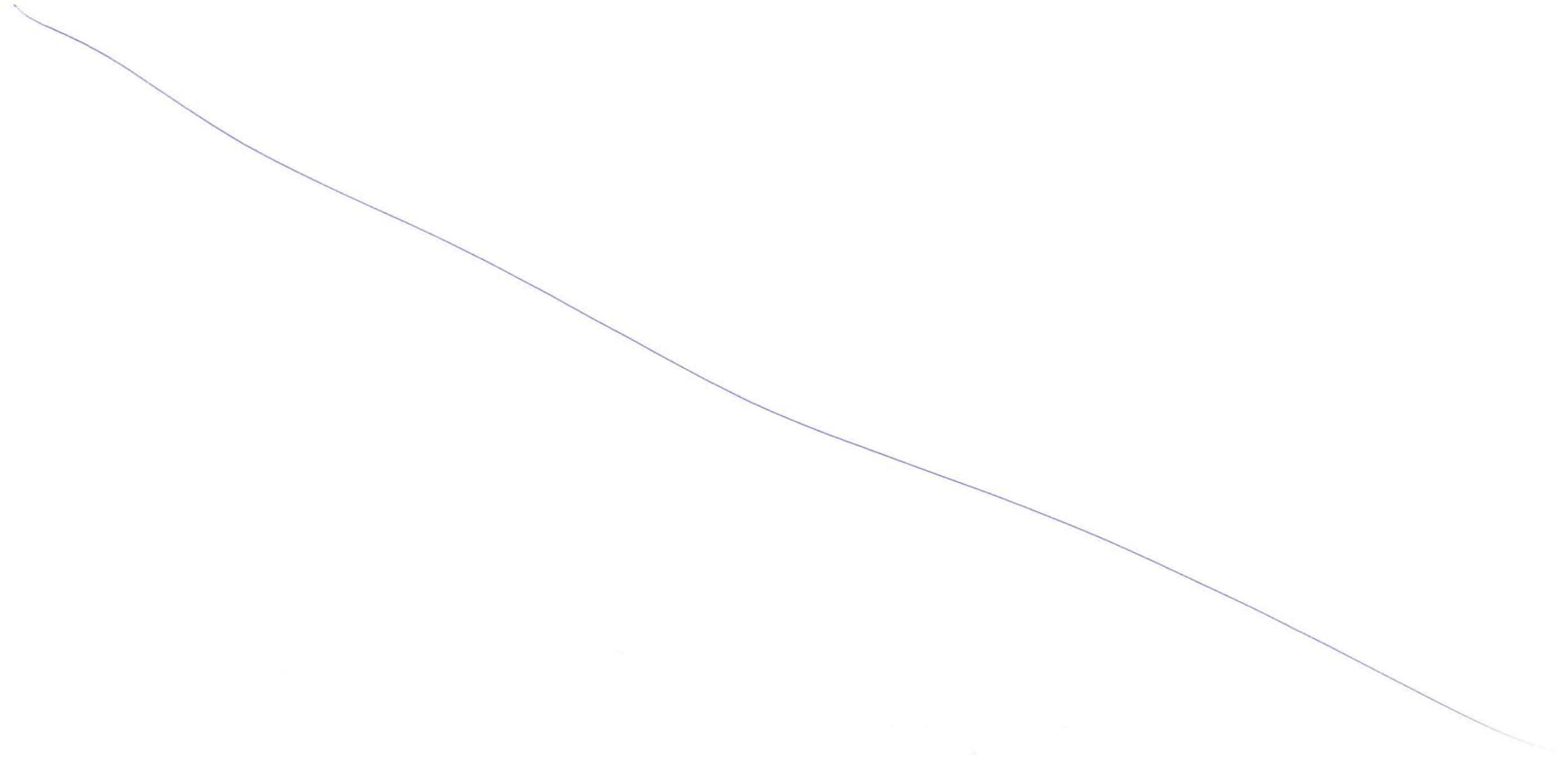
PROJECT - **MUMBAI TRANS HARBOUR LINK PROJECT**
TENDER DRAWINGS

LARSEN & TOUBRO LIMITED
Construction - Chennai

TITLE -	General View of Main Line (9/22) FROM CH 8+000 TO CH 9+000	
DATE	DRAWING NO.	REV.
	B-009	

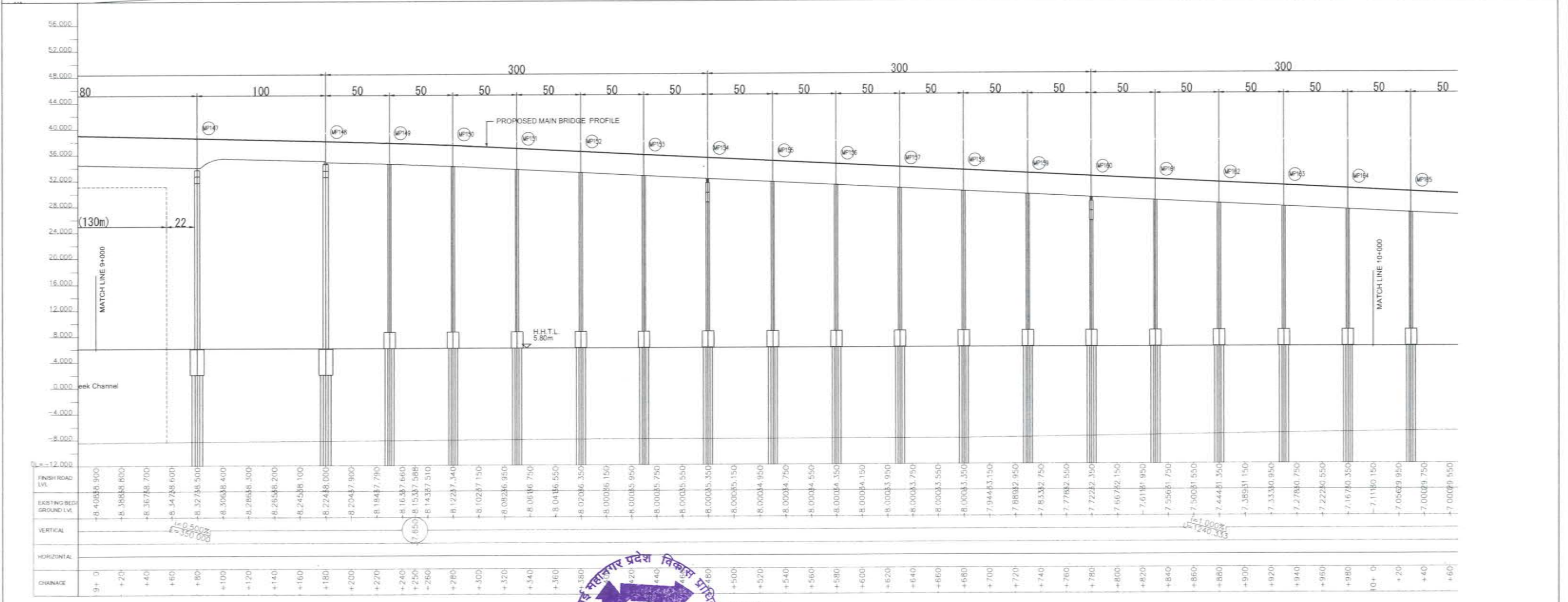
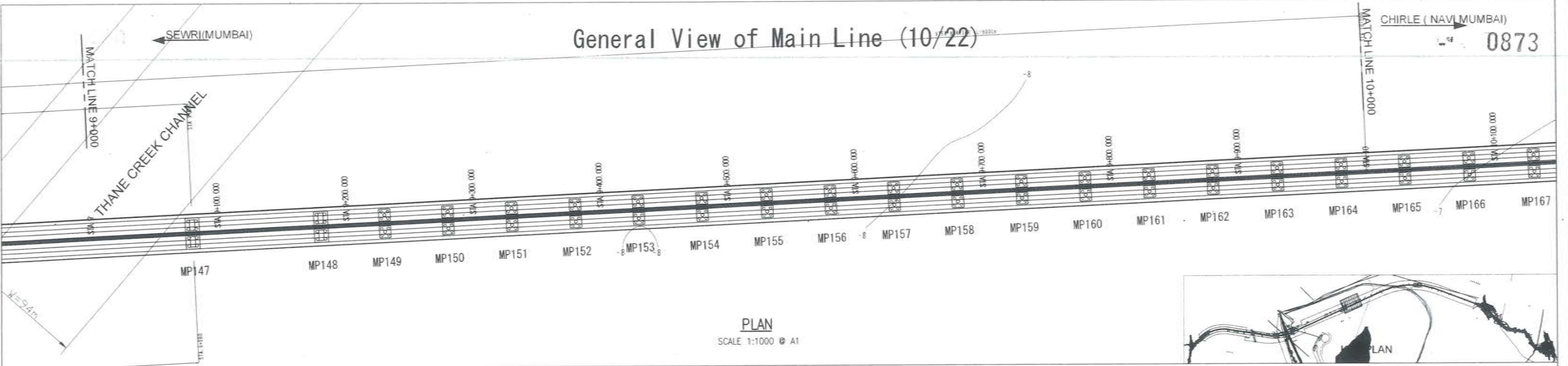
PROJECT BY AN AUTODESK EDUCATIONAL PRODUCT

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General View of Main Line (10/22)



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PROJECT - **MUMBAI TRANS HARBOUR LINK PROJECT**
TENDER DRAWINGS



TITLE -		DATE		DRAWING NO.	REV.
General View of Main Line (10/22) FROM CH 9+000 TO CH 10+000				B-010	

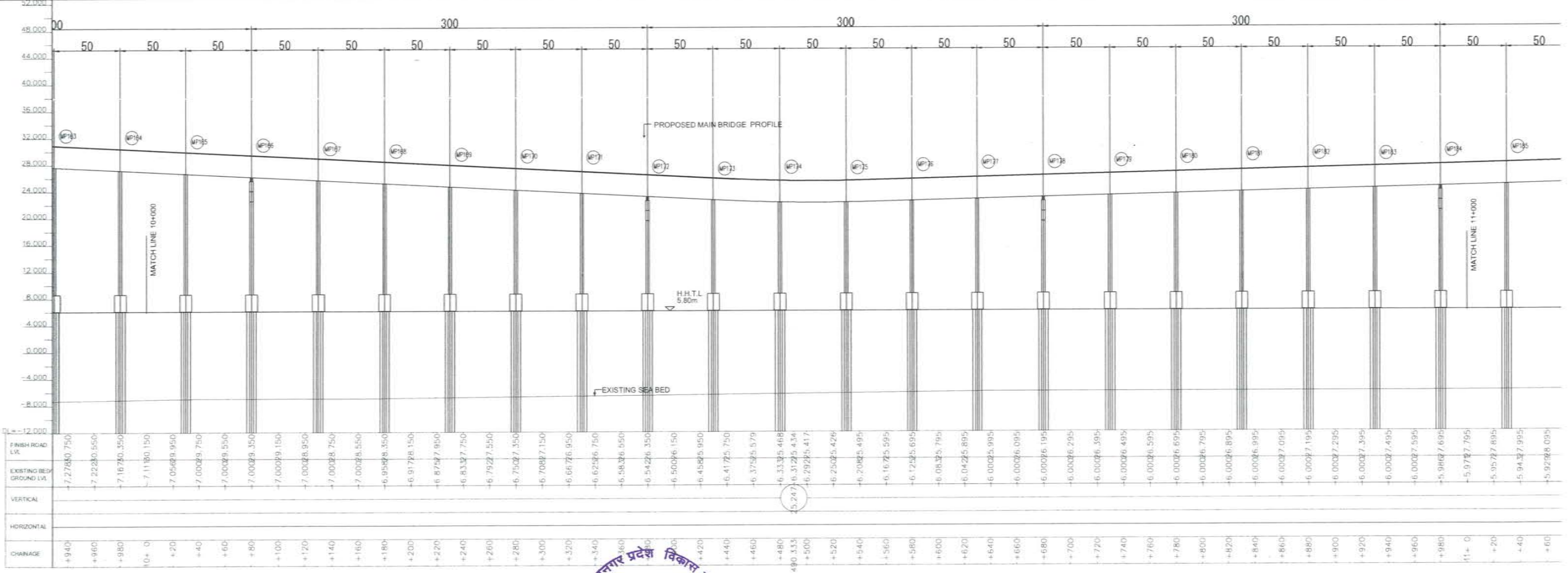
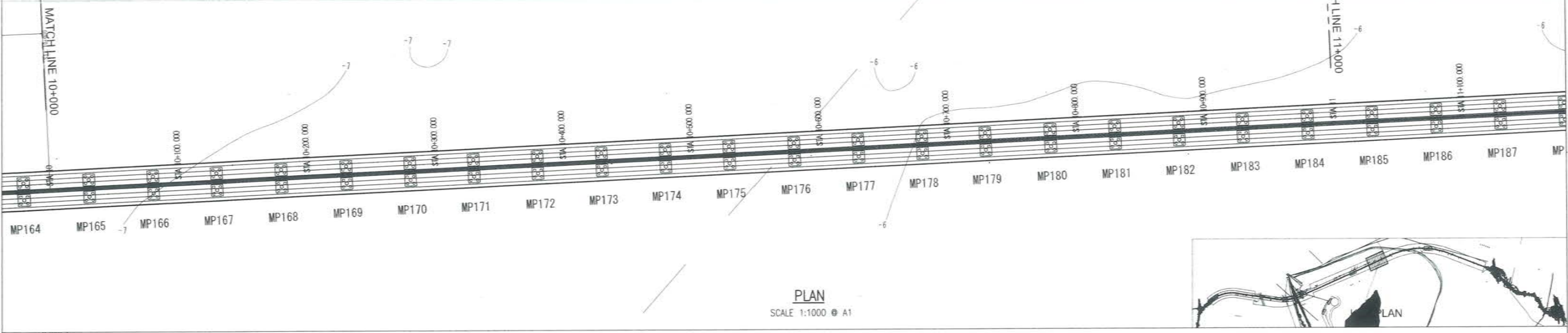


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SEWRI(MUMBAI)

General View of Main Line (11/22)

CHIRLE (NAVI MUMBAI) 0875



PROFILE
SCALE H=1:1000 V=1:400 @ A1

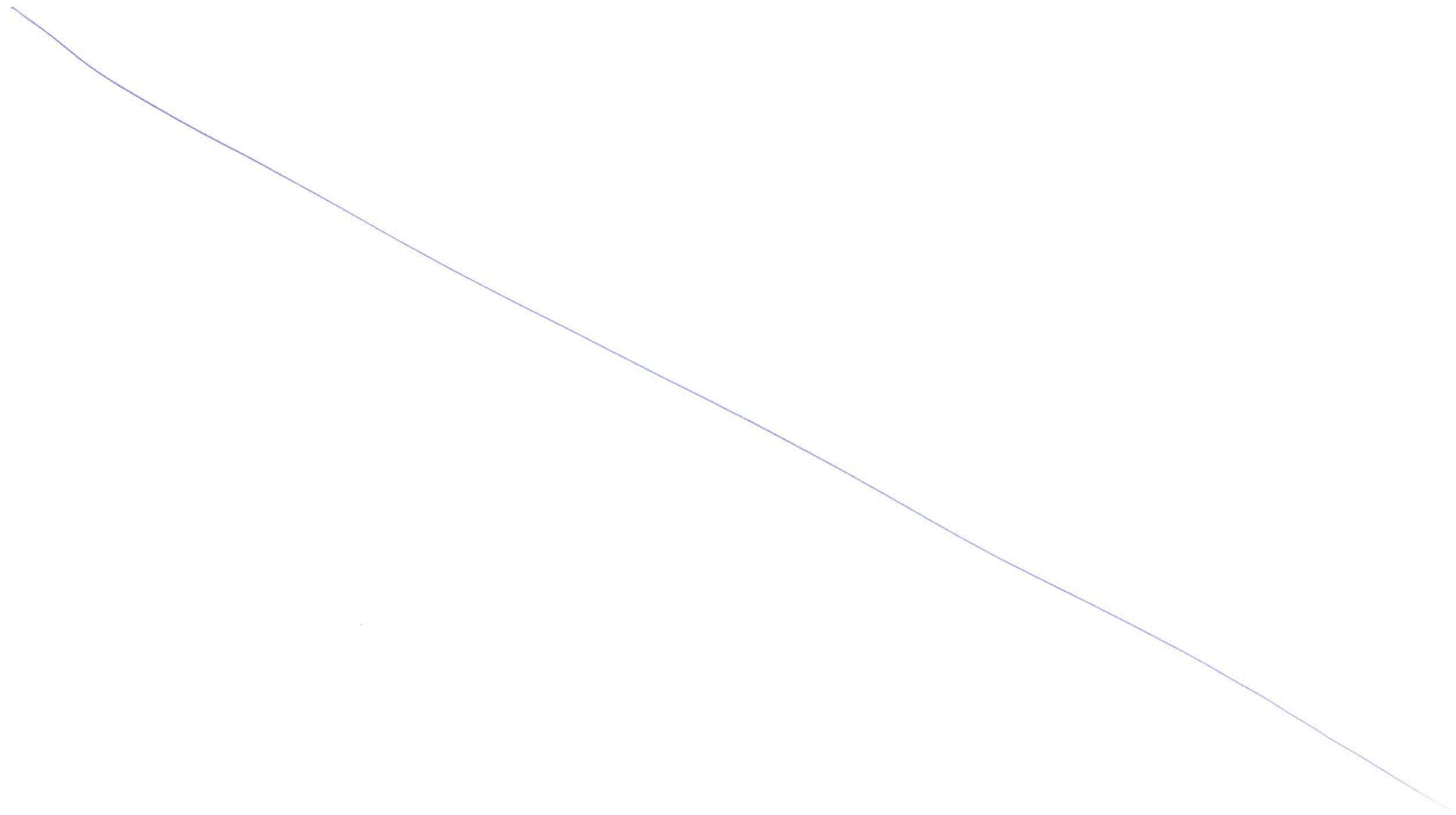
NAME	SIGN
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APPROVED BY	



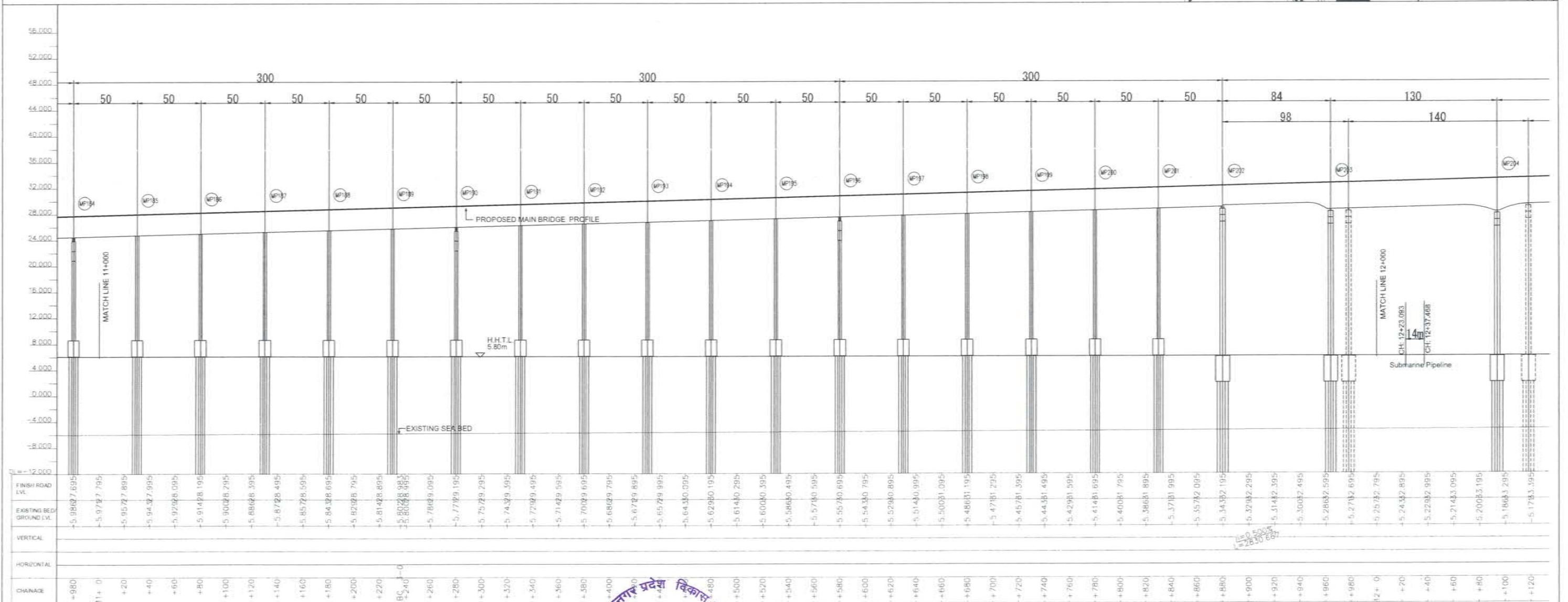
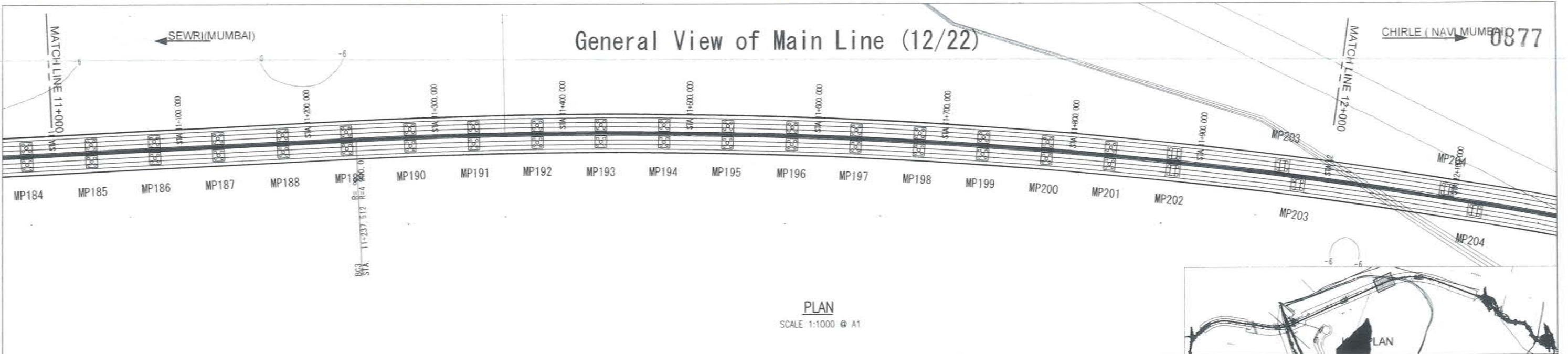
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE - General View of Main Line (11/22) FROM CH 10+000 TO CH 11+000		
DATE	DRAWING NO. B-011	REV.



General View of Main Line (12/22)



NAME	SIGN
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APPROVED BY	



PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT

TENDER DRAWINGS

DATE

DRAWING NO. B-012

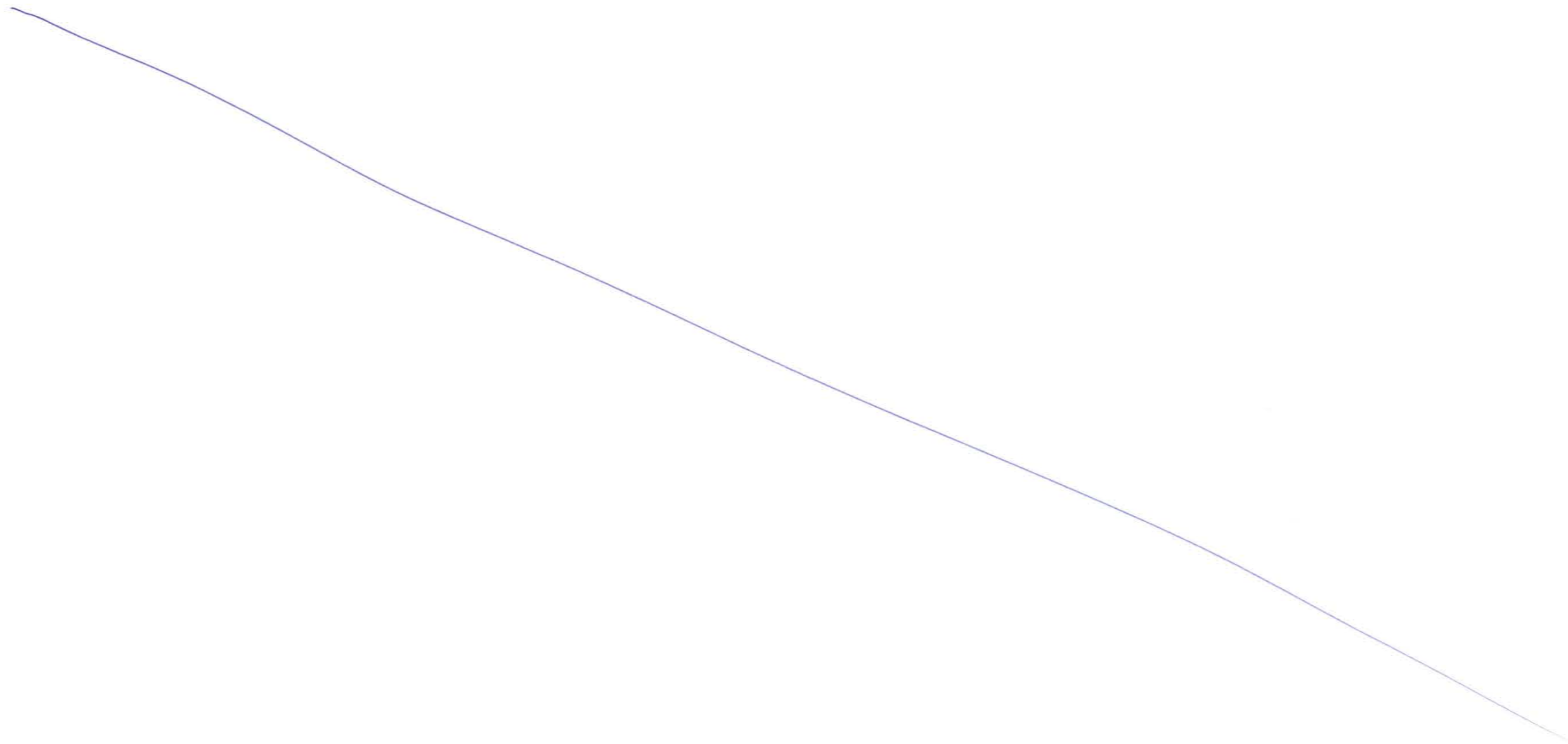
REV.



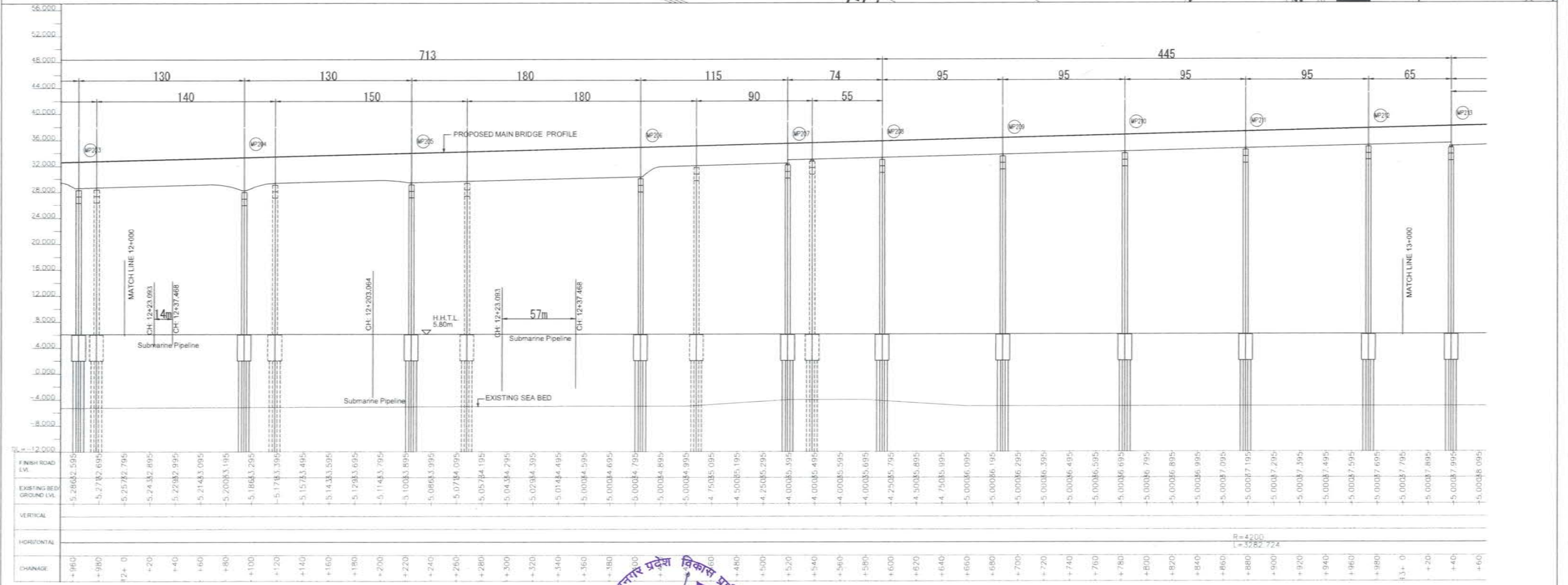
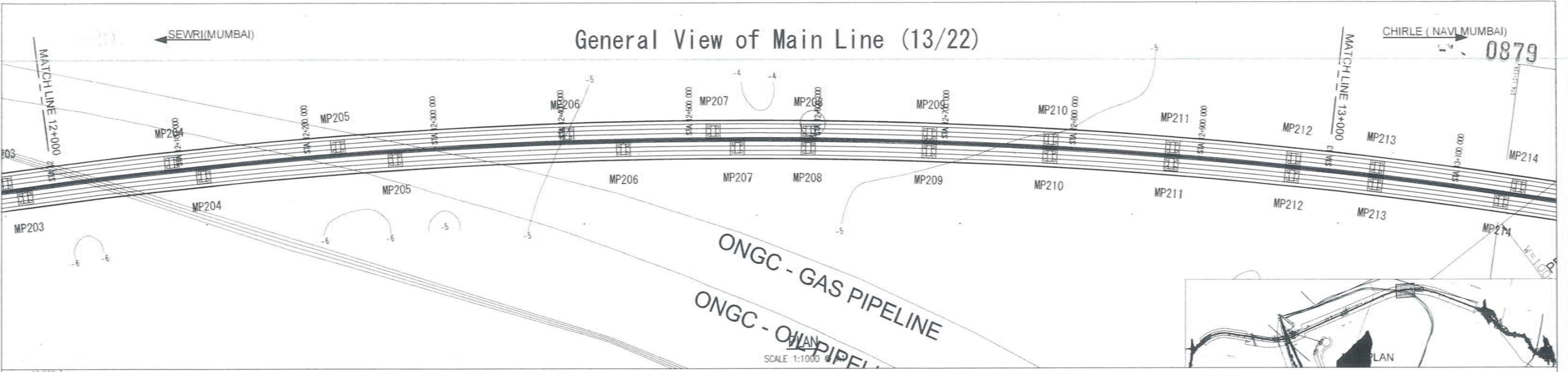
TITLE -	General View of Main Line (12/22) FROM CH 11+000 TO CH 12+000
DATE	
DRAWING NO.	B-012
REV.	

PROJECT BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



General View of Main Line (13/22)



PROFILE
 SCALE H=1:1000 V=1:400 @ A1

DRAWN BY	NAME	SIGN
CHECKED BY		
APPROVED BY		

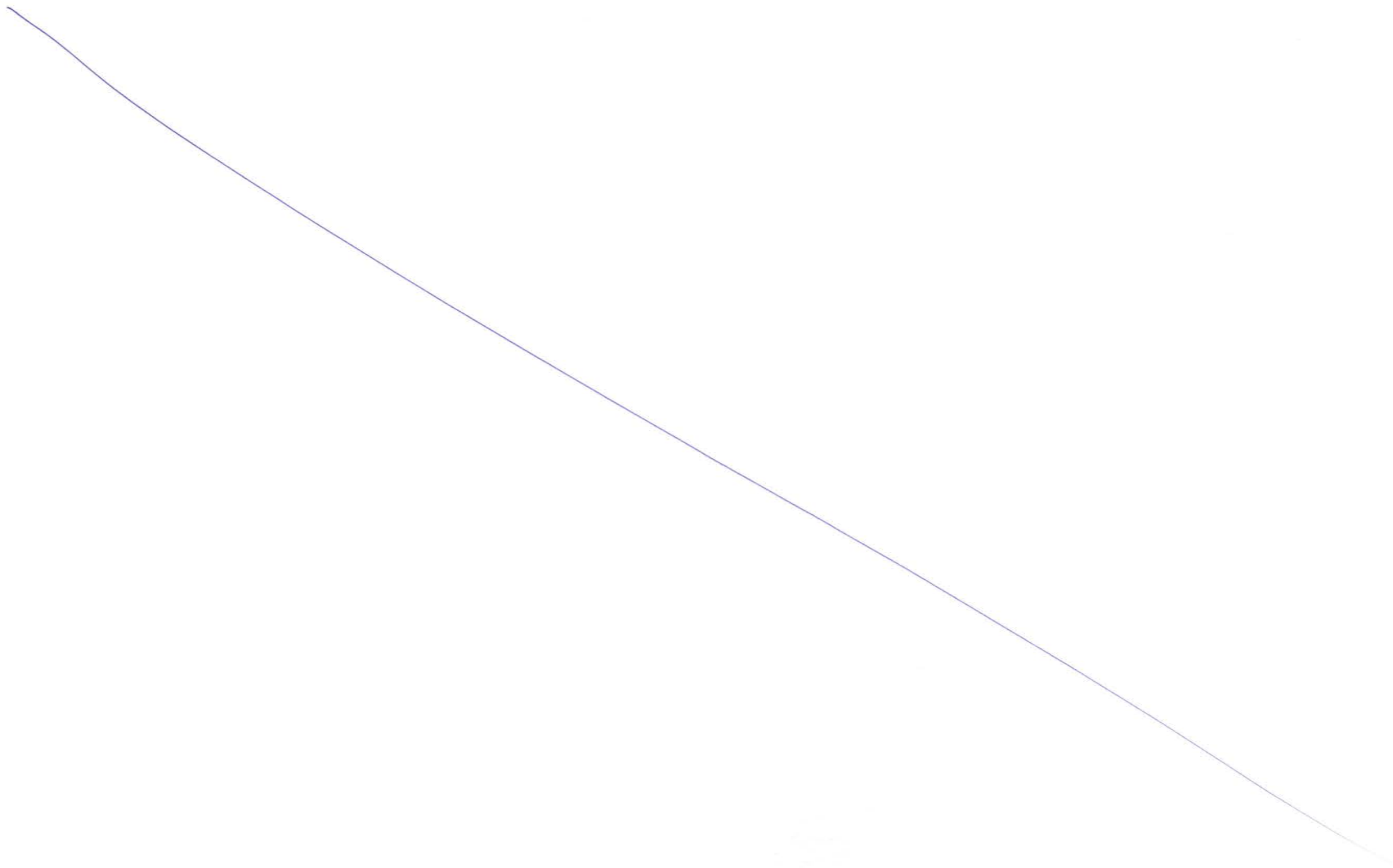
MMRDA
 MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

PROJECT - **MUMBAI TRANS HARBOUR LINK PROJECT**
 TENDER DRAWINGS

TITLE -	General View of Main Line (13/22) FROM CH 12+000 TO CH 13+000	
DATE	DRAWING NO.	REV.
	B-013	

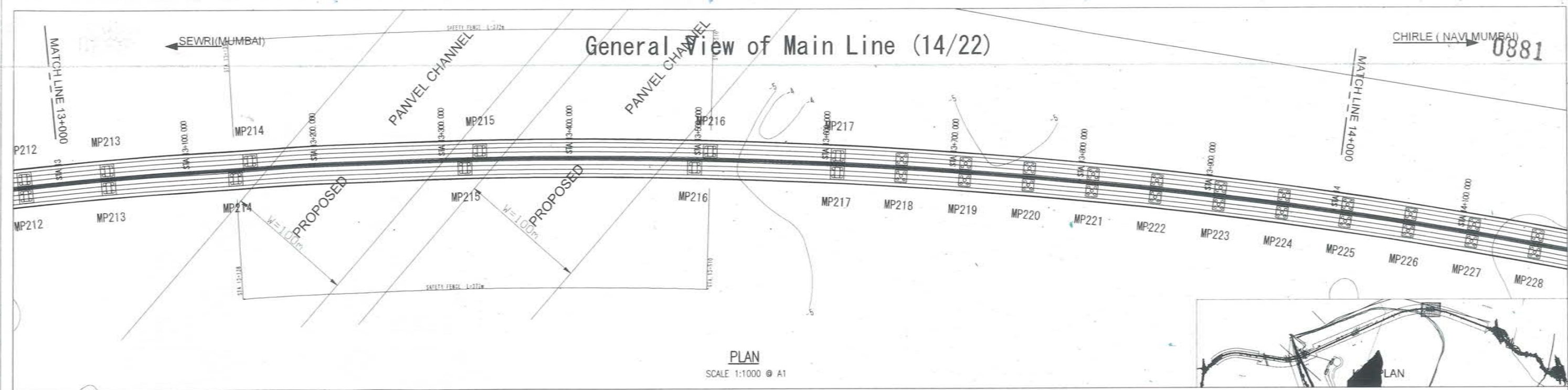
PROJECT BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

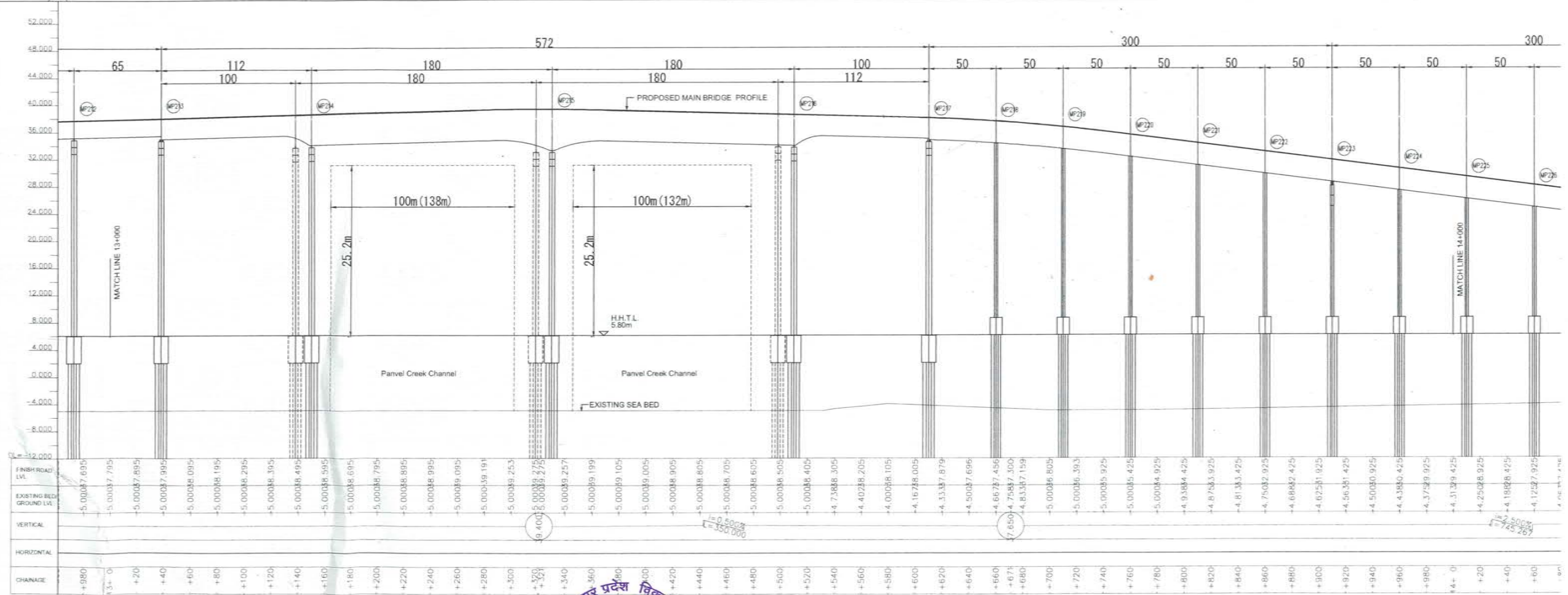


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General View of Main Line (14/22)



PLAN
SCALE 1:1000 @ A1



PROFILE
SCALE H=1:1000 V=1:400 @ A1

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



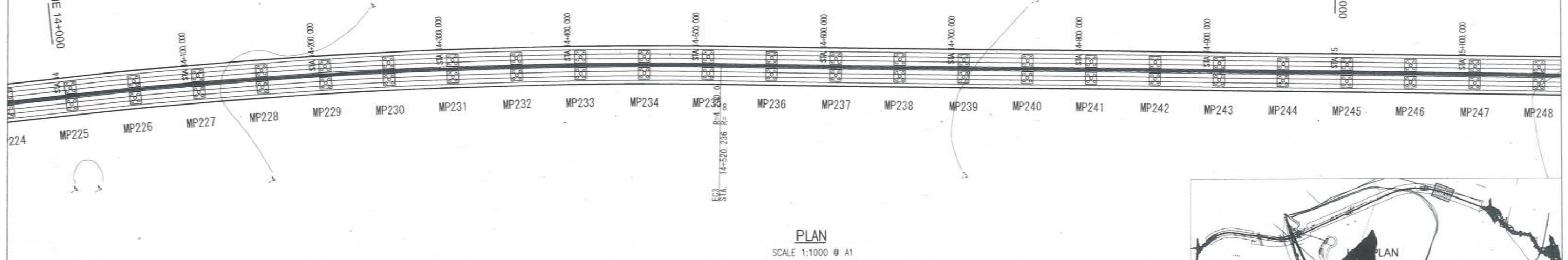
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DATE	DRAWING NO.	REV.
	B-014	



General View of Main Line (15/22)

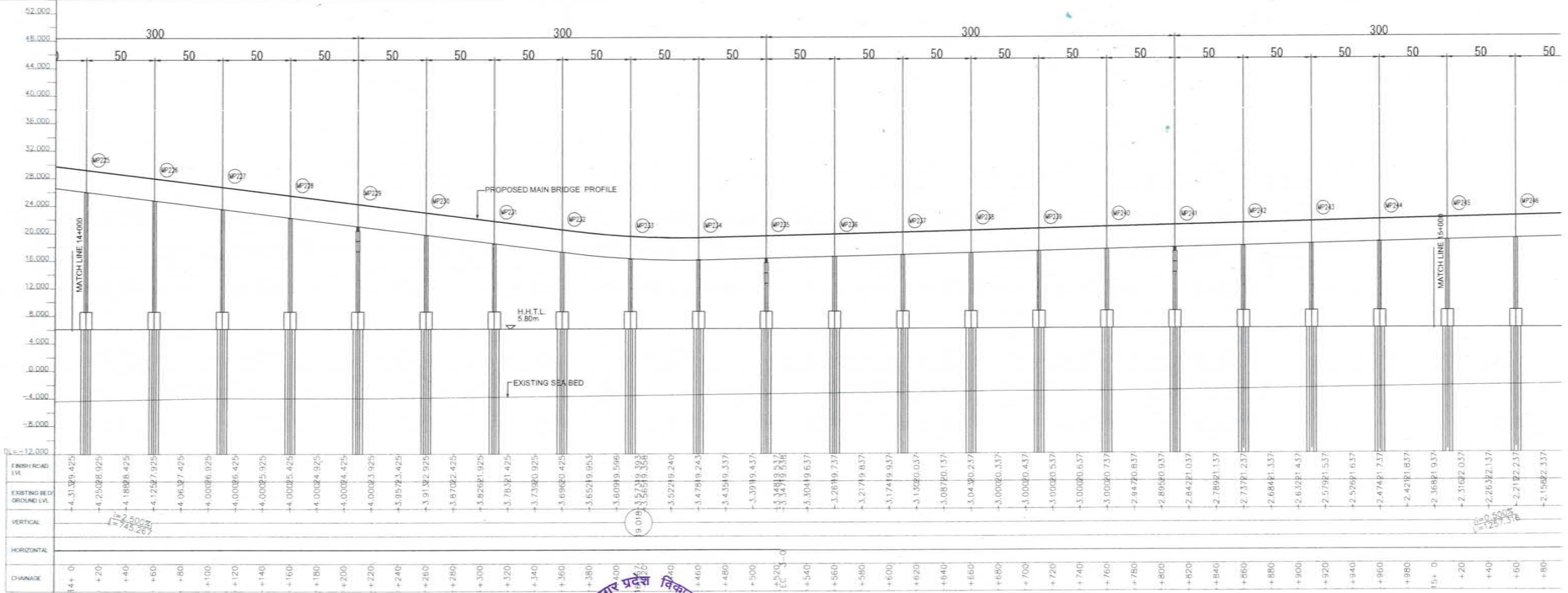
SEWRI (MUMBAI)

CHIRLE (NAVLUMBAI) 0883



PLAN

SCALE 1:1000 @ A1



PROFILE

SCALE H=1:1000 V=1:400 @ A1



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



NAME	SIGN
DRAWN BY	
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APPROVED BY	



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

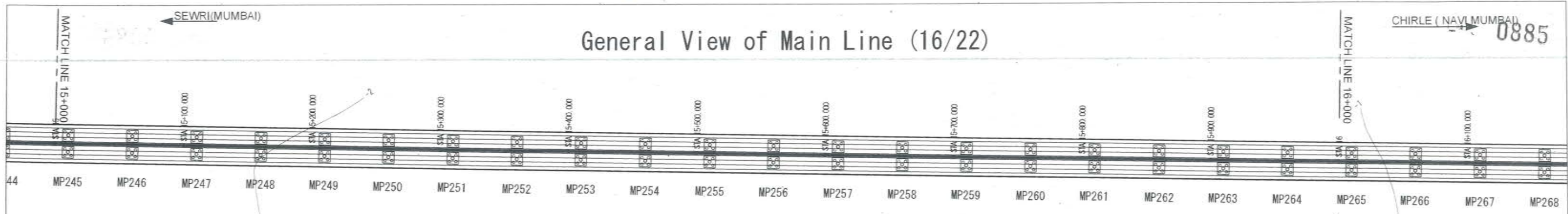
TITLE -		
General View of Main Line (15/22) FROM CH 14+000 TO CH 15+000		
DATE	DRAWING NO.	REV.
	B-015	



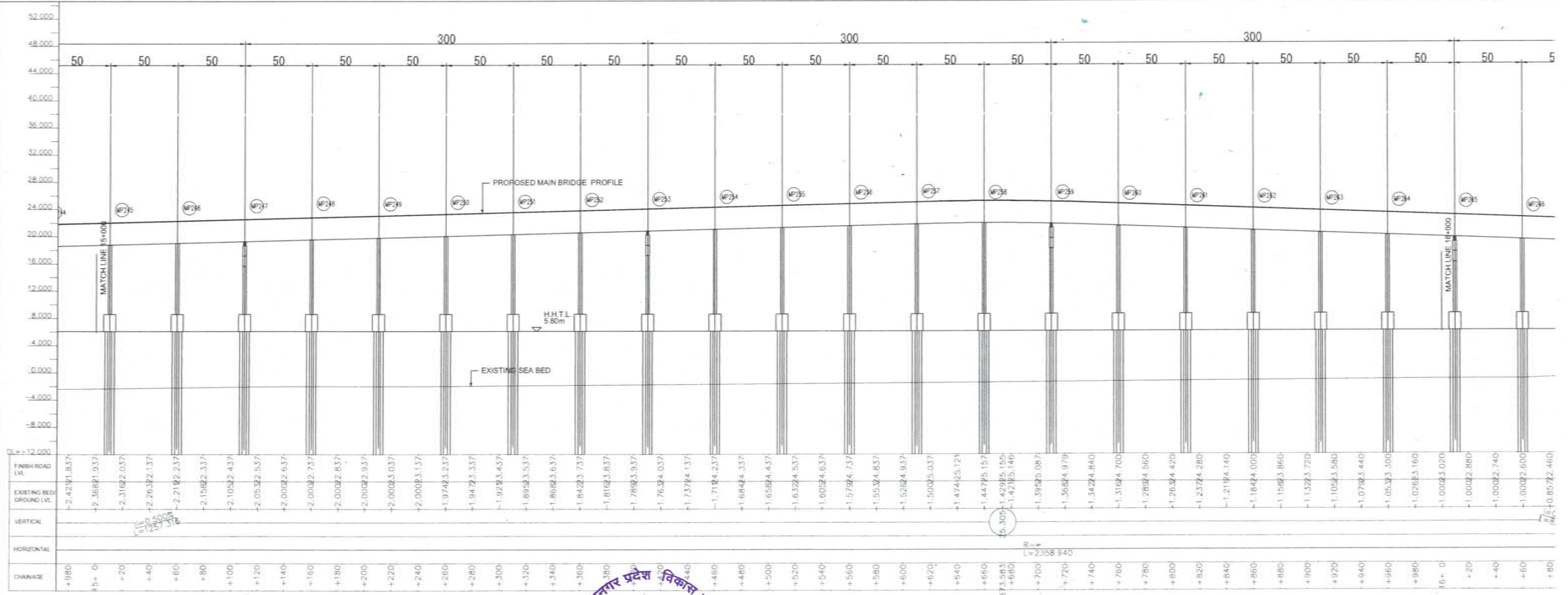
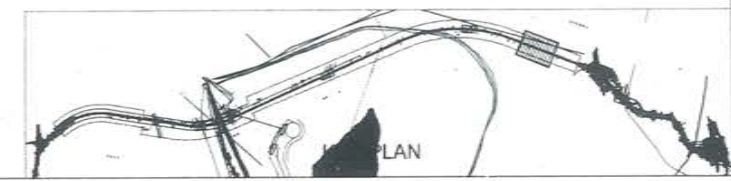
General View of Main Line (16/22)

SEWRI (MUMBAI)

CHIRLE (NAVI MUMBAI) 0885



PLAN
SCALE 1:1000 @ A1



PROFILE
SCALE H=1:1000 V=1:400 @ A1



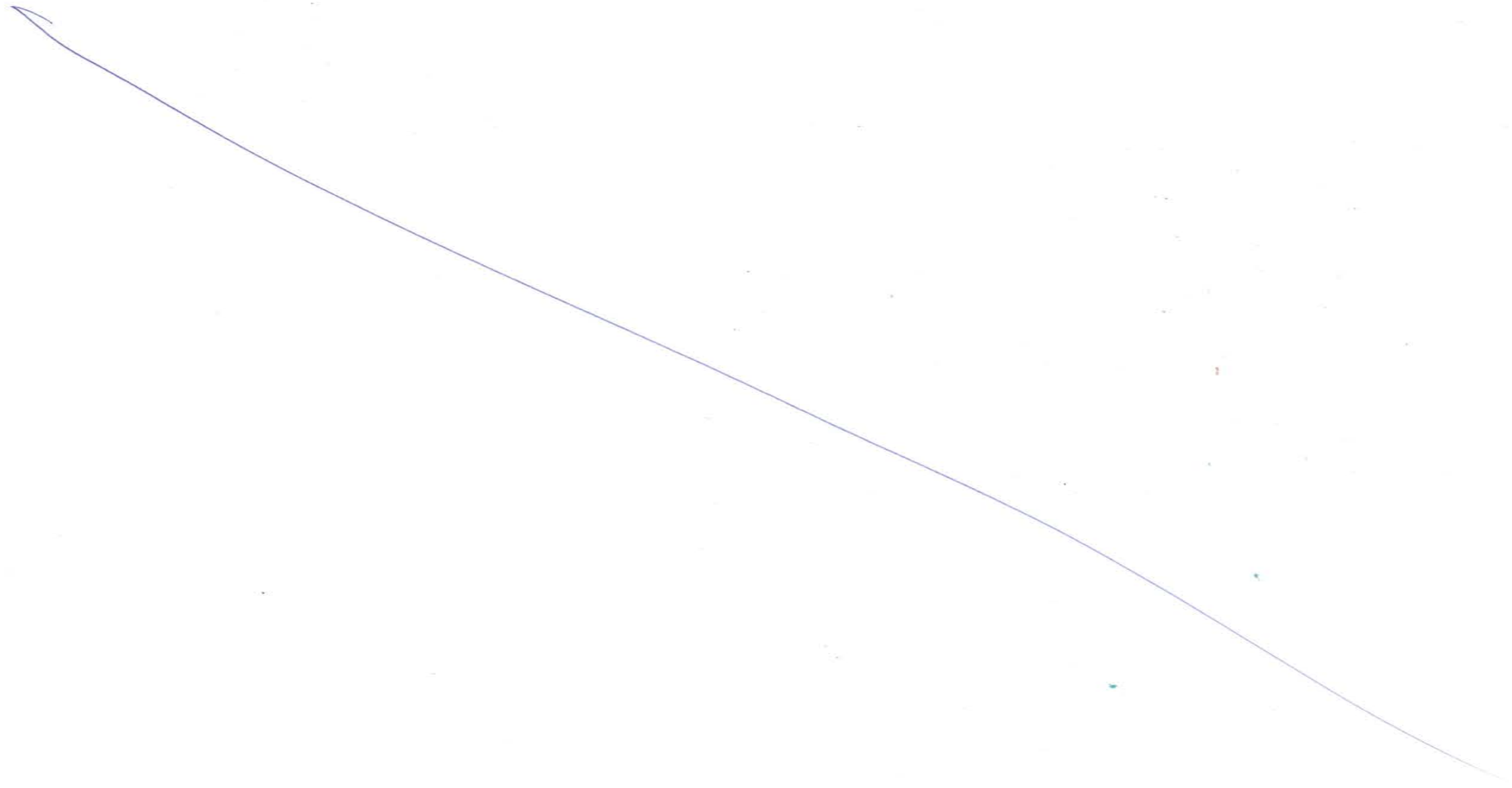
NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

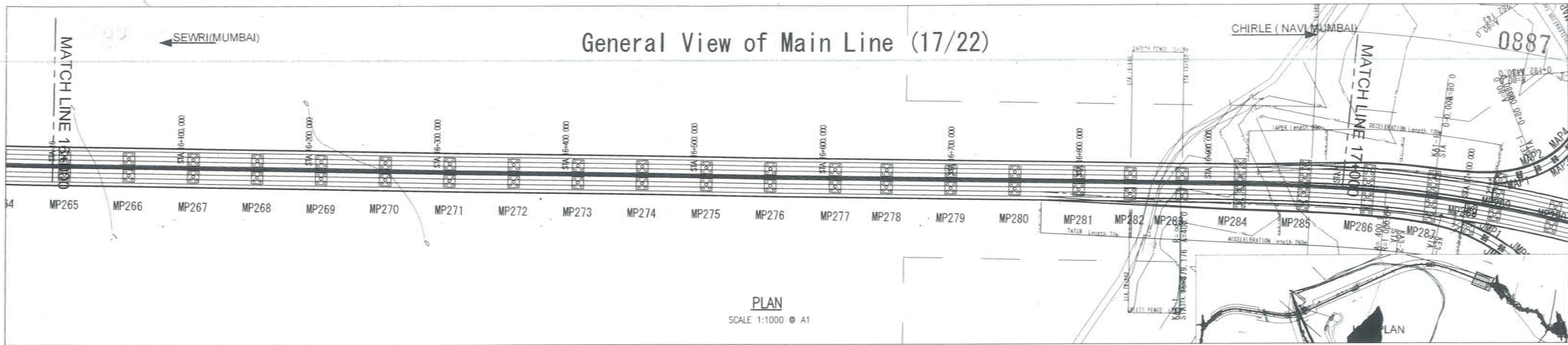
PROJECT - **MUMBAI TRANS HARBOUR LINK PROJECT**
TENDER DRAWINGS



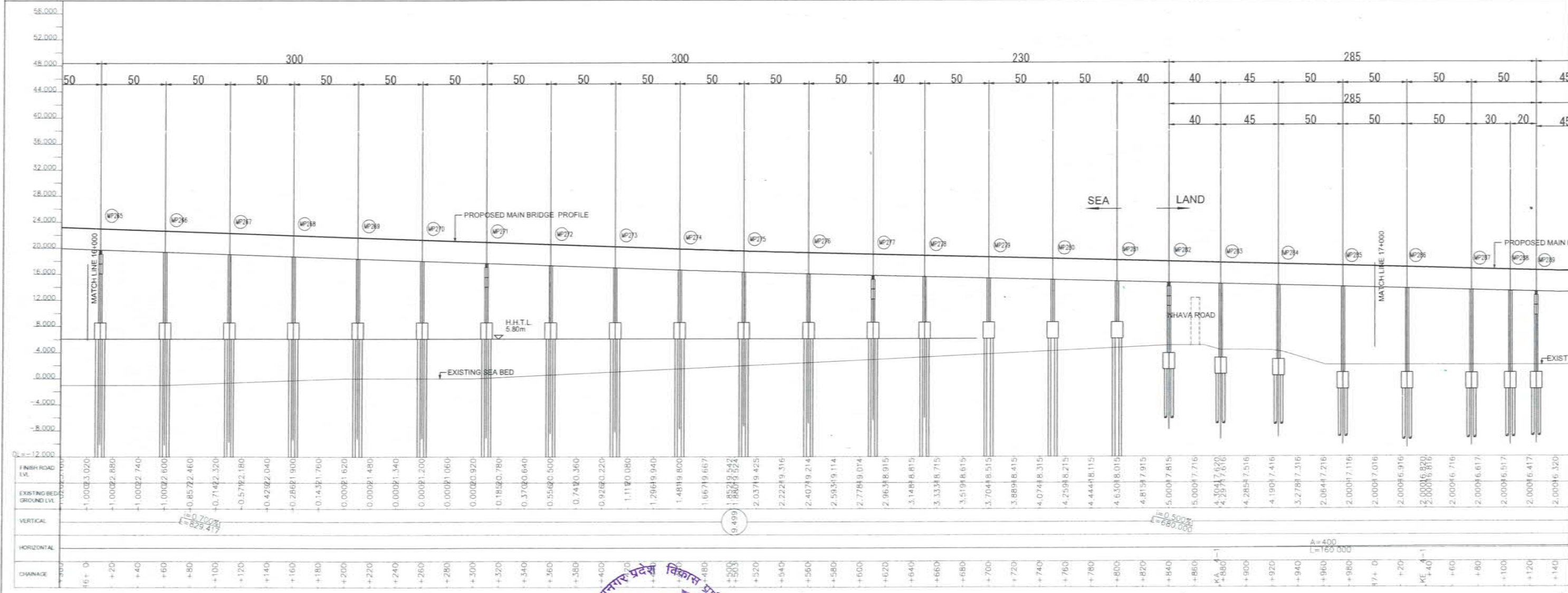
TITLE	DATE	DRAWING NO.	REV.
General View of Main Line (16/22) FROM CH 15+000 TO CH 16+000		B-016	



General View of Main Line (17/22)



PLAN
SCALE 1:1000 @ A1



PROFILE
SCALE H=1:1000 V=1:400 @ A1

NAME	SIGN



PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT

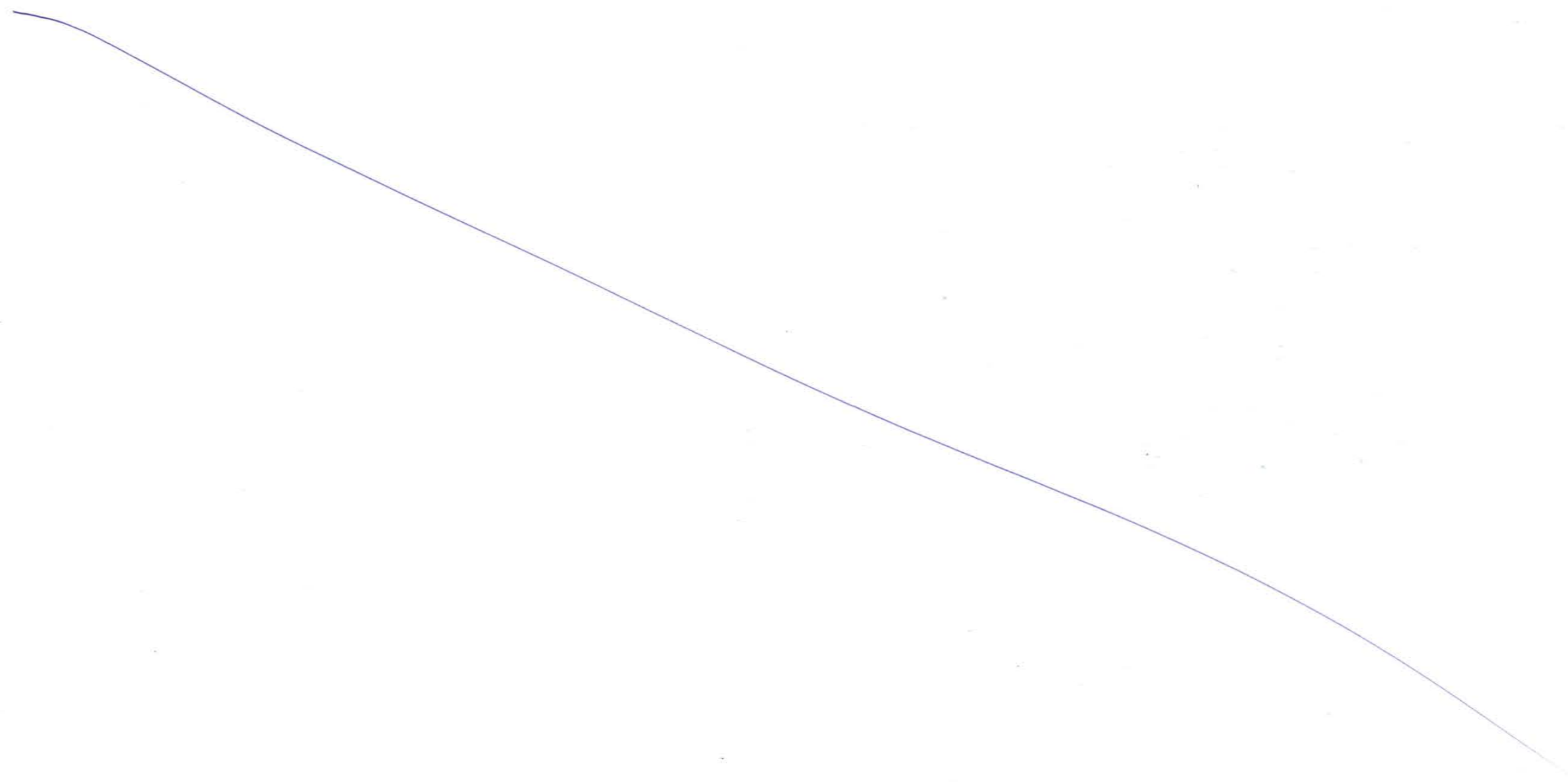
TENDER DRAWINGS



TITLE -	General View of Main Line (17/22) FROM CH 16+000 TO CH 17+000	
DATE	DRAWING NO.	REV.
	B-017	

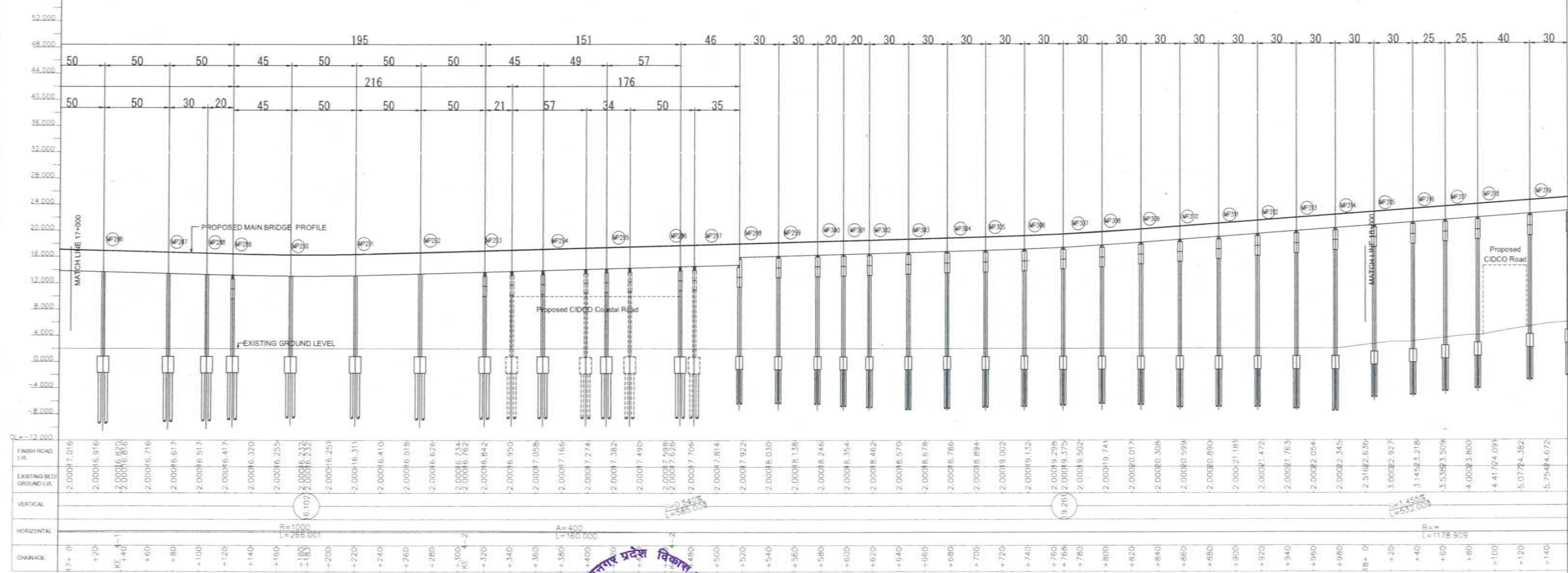
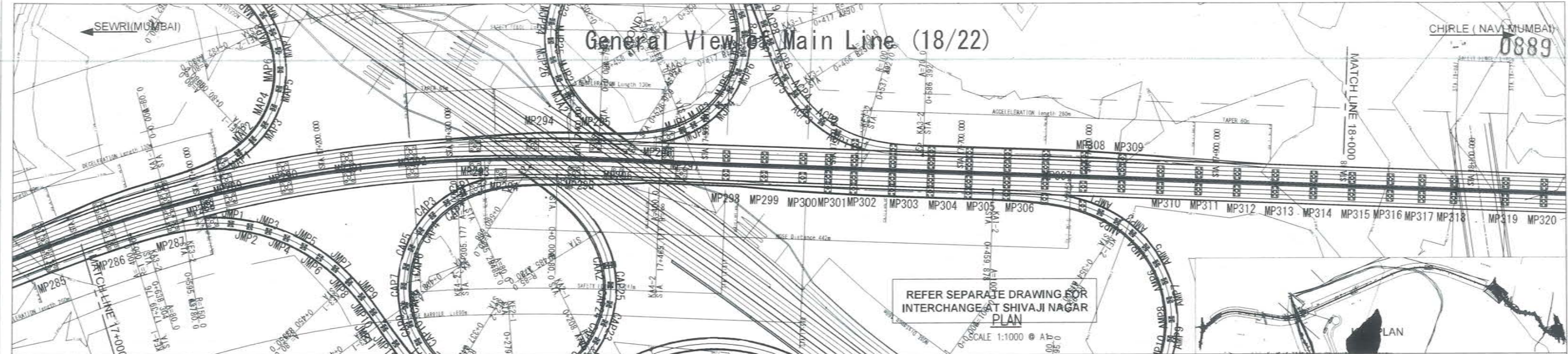
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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



General View of Main Line (18/22)

CHIRLE (NAVI MUMBAI) 0889



PROFILE SCALE H=1:1000 V=1:400 @ A1

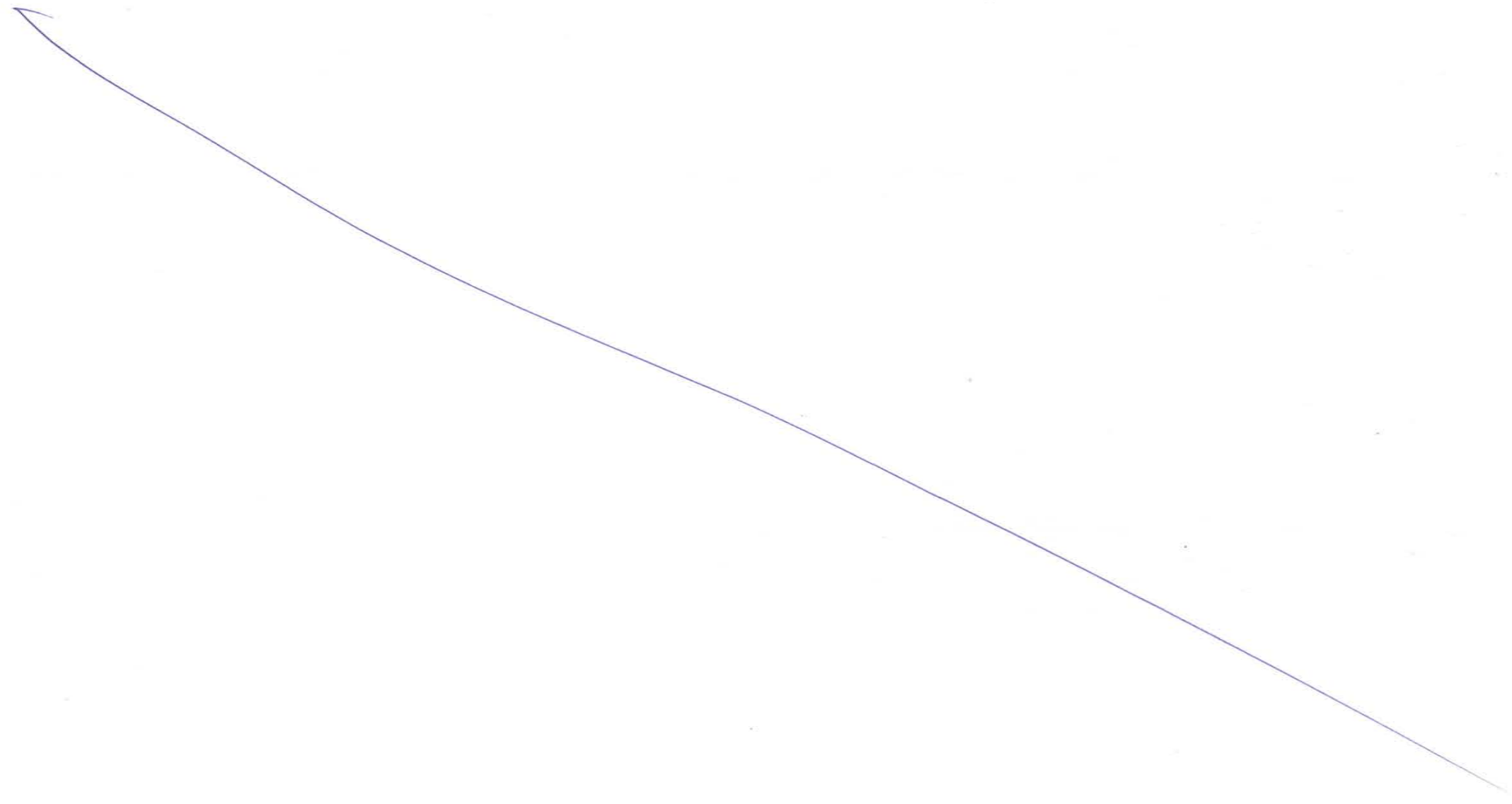


MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS

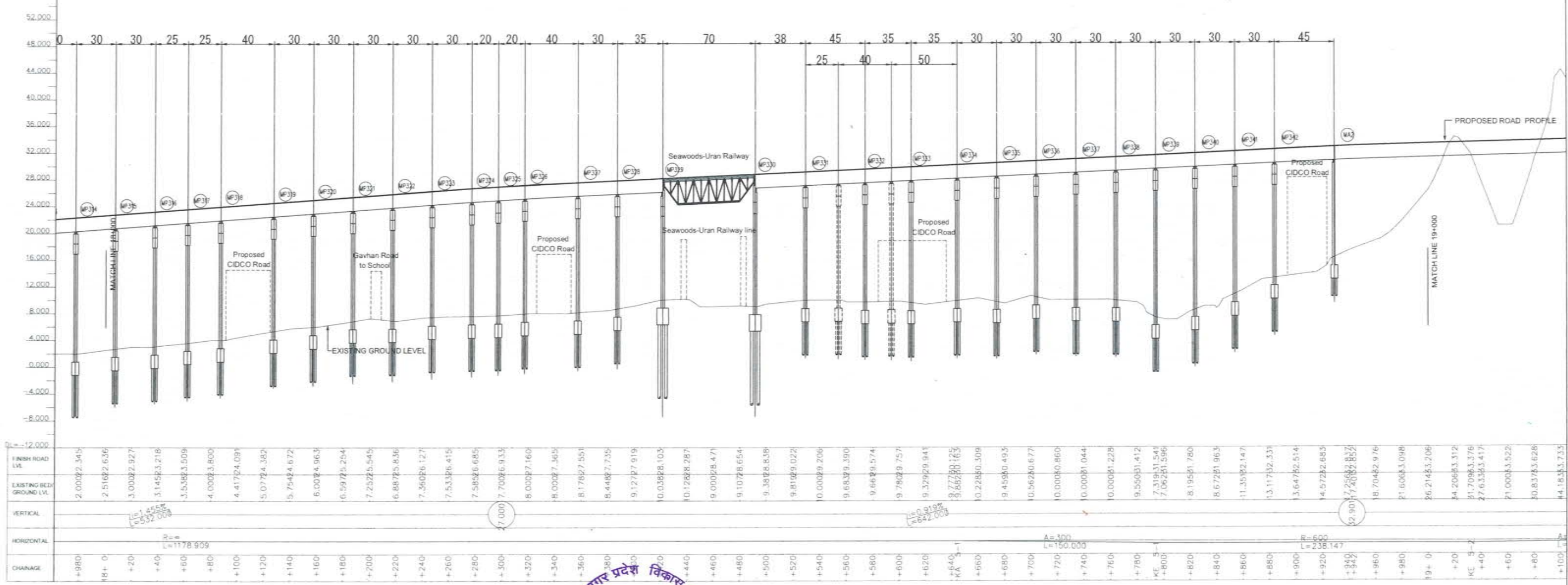
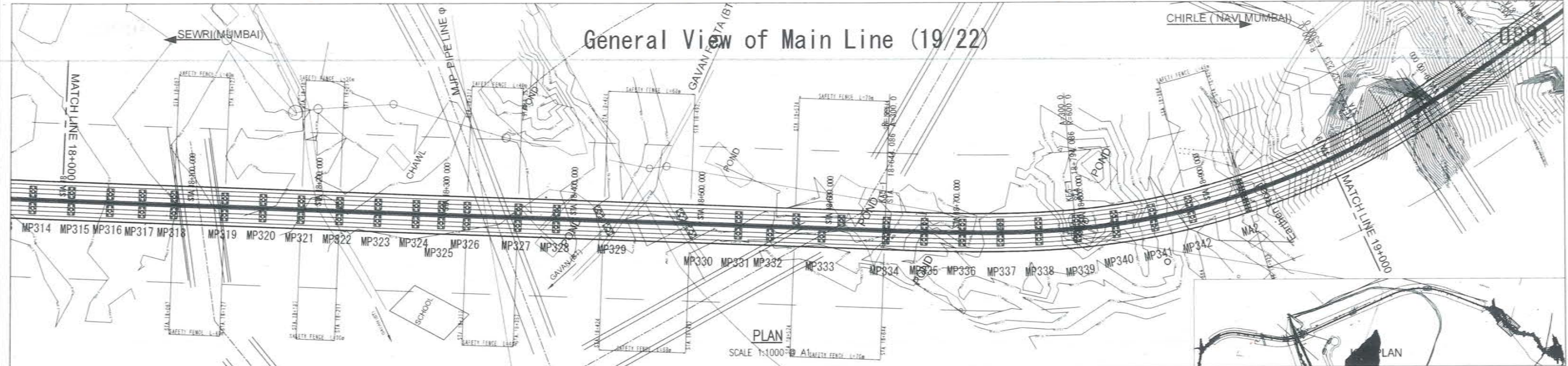
NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



TITLE	DATE	DRAWING NO.	REV.
General View of Main Line (18/22) FROM CH 17+000 TO CH 18+000		B-018	



General View of Main Line (19/22)



PROFILE
 LE H:1:1000 V:1:400 @ A1

NAME	SIGN
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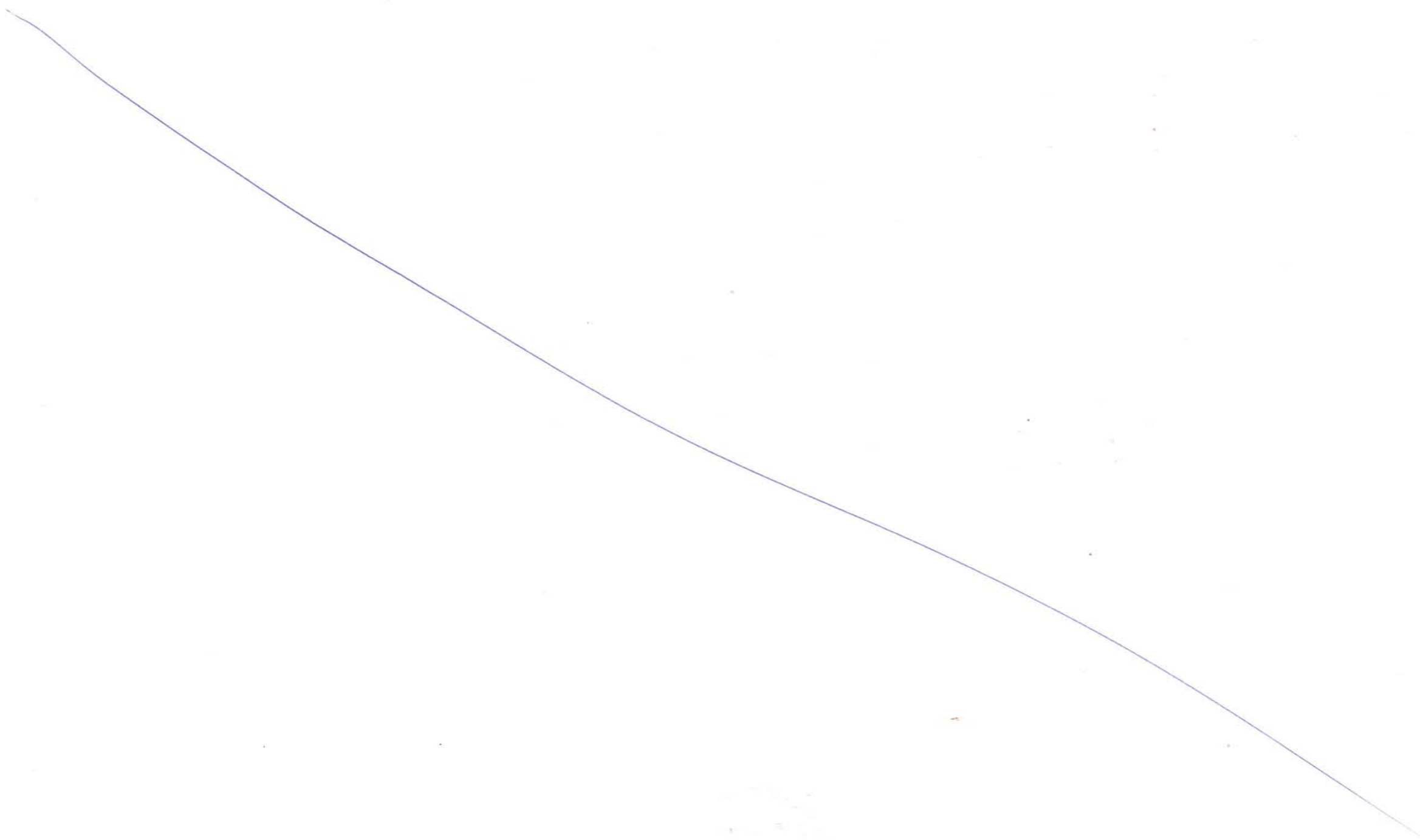
MMRDA
 MUMBAI METROPOLITAN REGION
 DEVELOPMENT AUTHORITY

PROJECT -

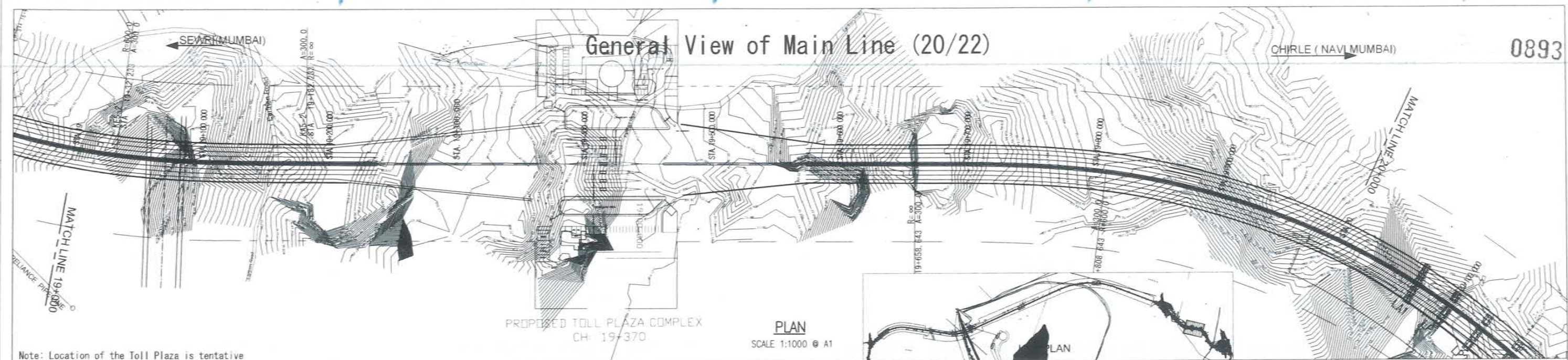
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



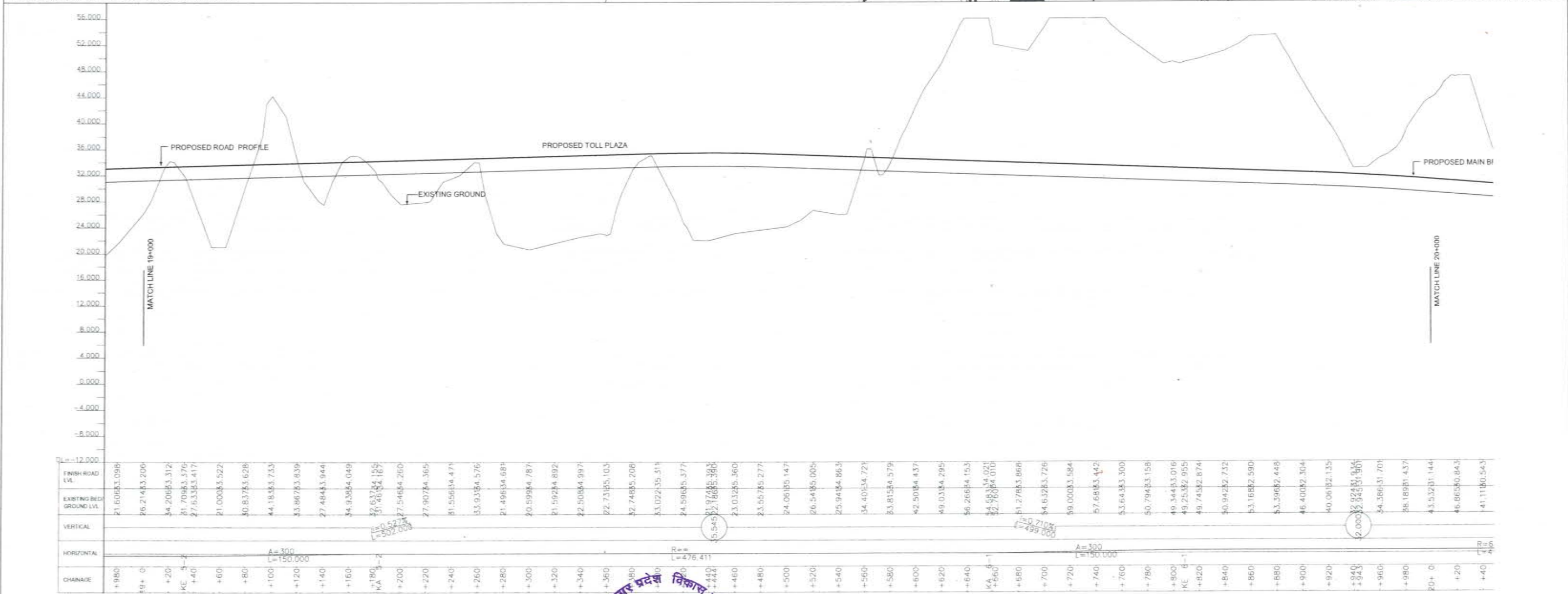
TITLE -		
General View of Main Line (19/22) FROM CH 18+000 TO CH 19+000		
DATE	DRAWING NO.	REV.
	B-019	



General View of Main Line (20/22)



Note: Location of the Toll Plaza is tentative



Note: Location of the Toll Plaza is tentative

NAME	SIGN

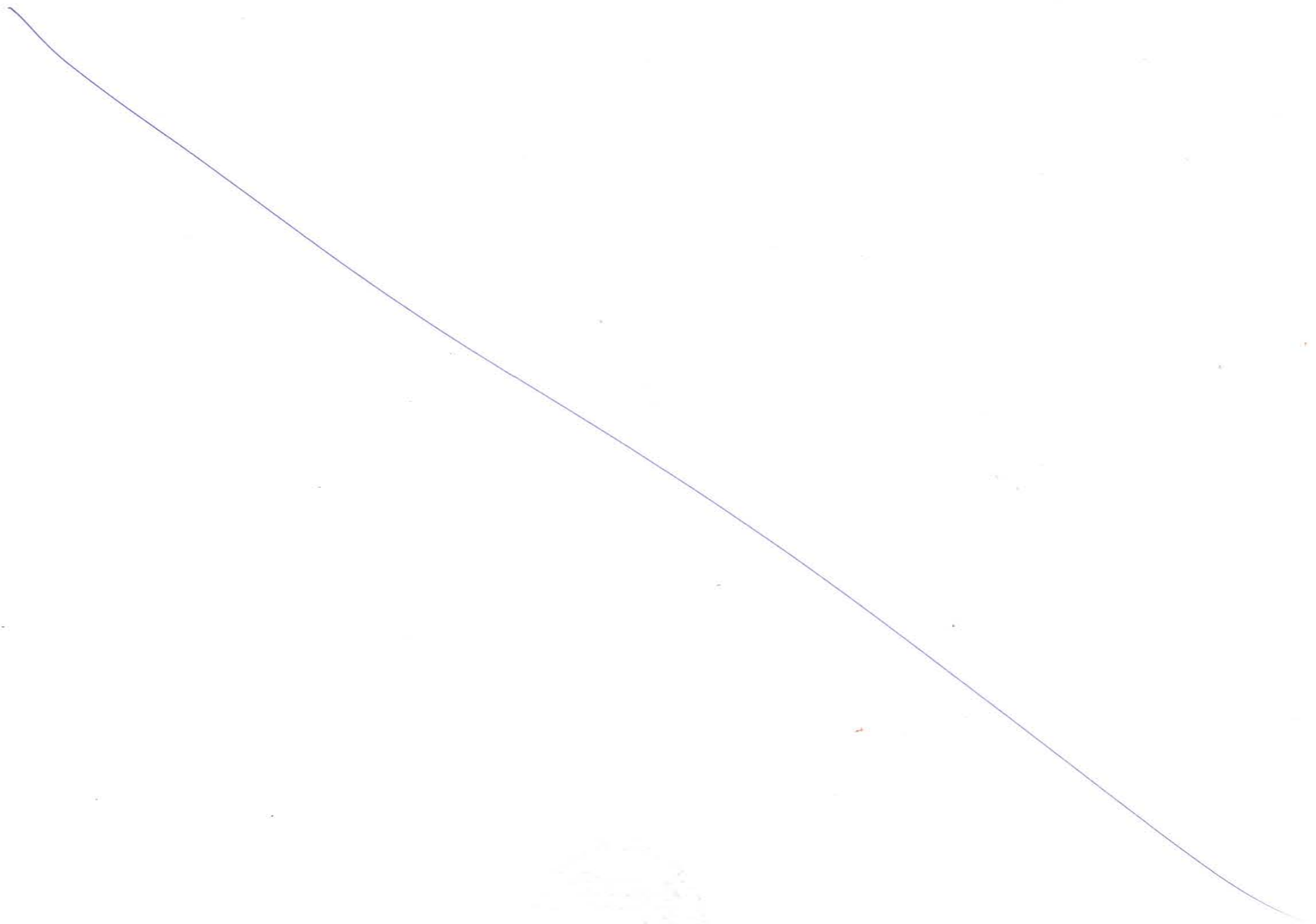


PROJECT -

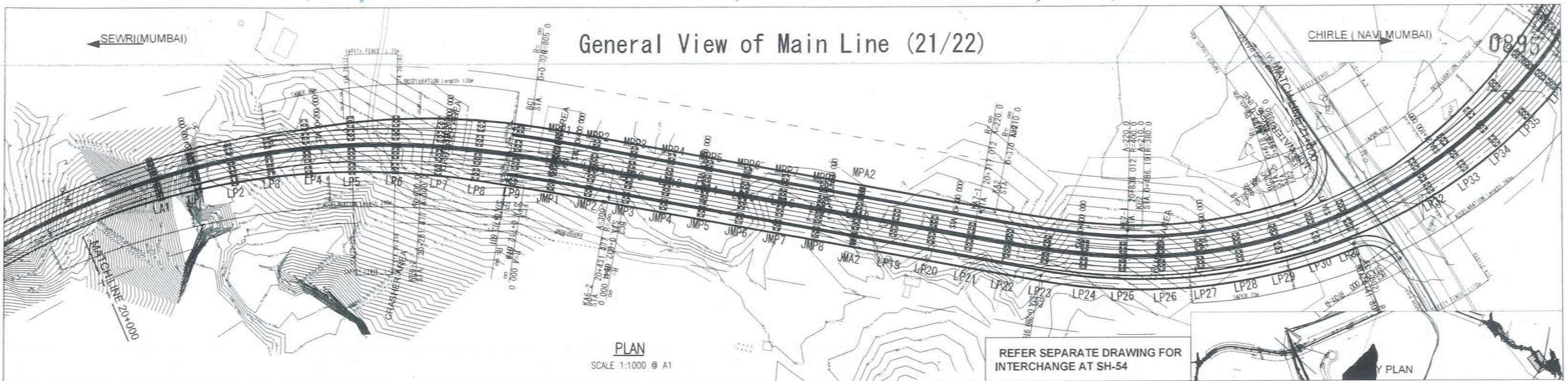
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -	General View of Main Line (20/22) FROM CH 19+000 TO CH 20+000		
DATE	DRAWING NO.	B-020	REV.

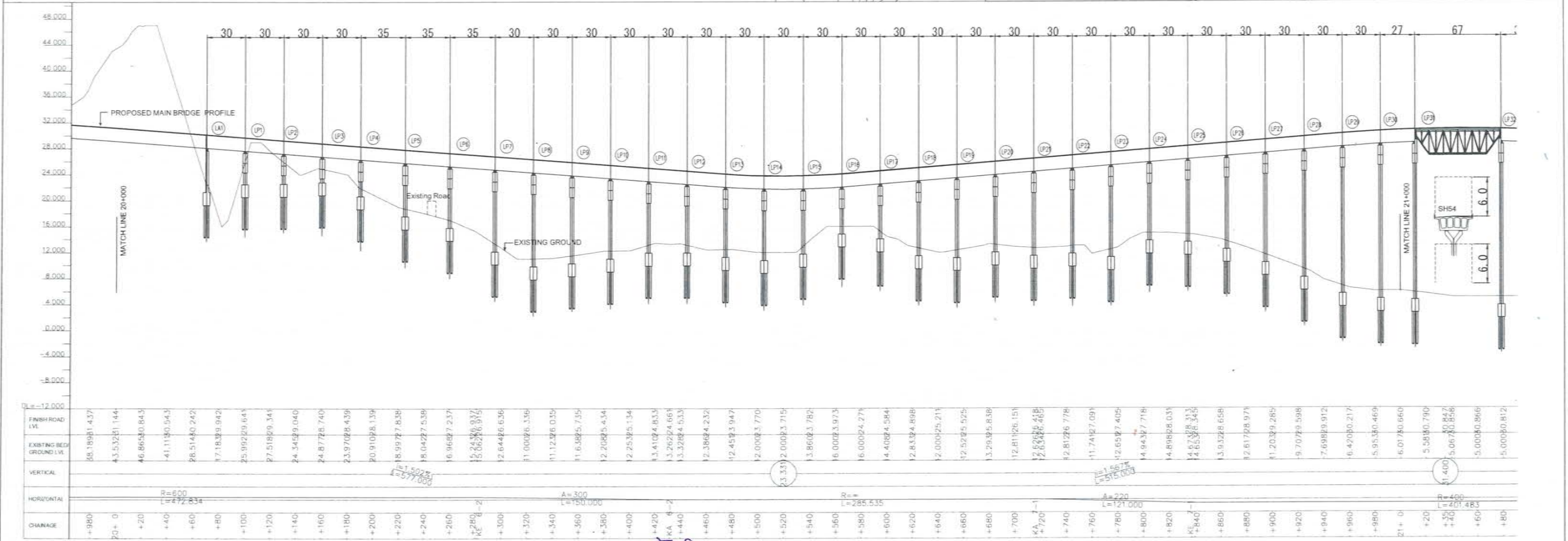


General View of Main Line (21/22)



PLAN
SCALE 1:1000 @ A1

REFER SEPARATE DRAWING FOR INTERCHANGE AT SH-54



PROFILE
SCALE H=1:1000 V=1:400 @ A1



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

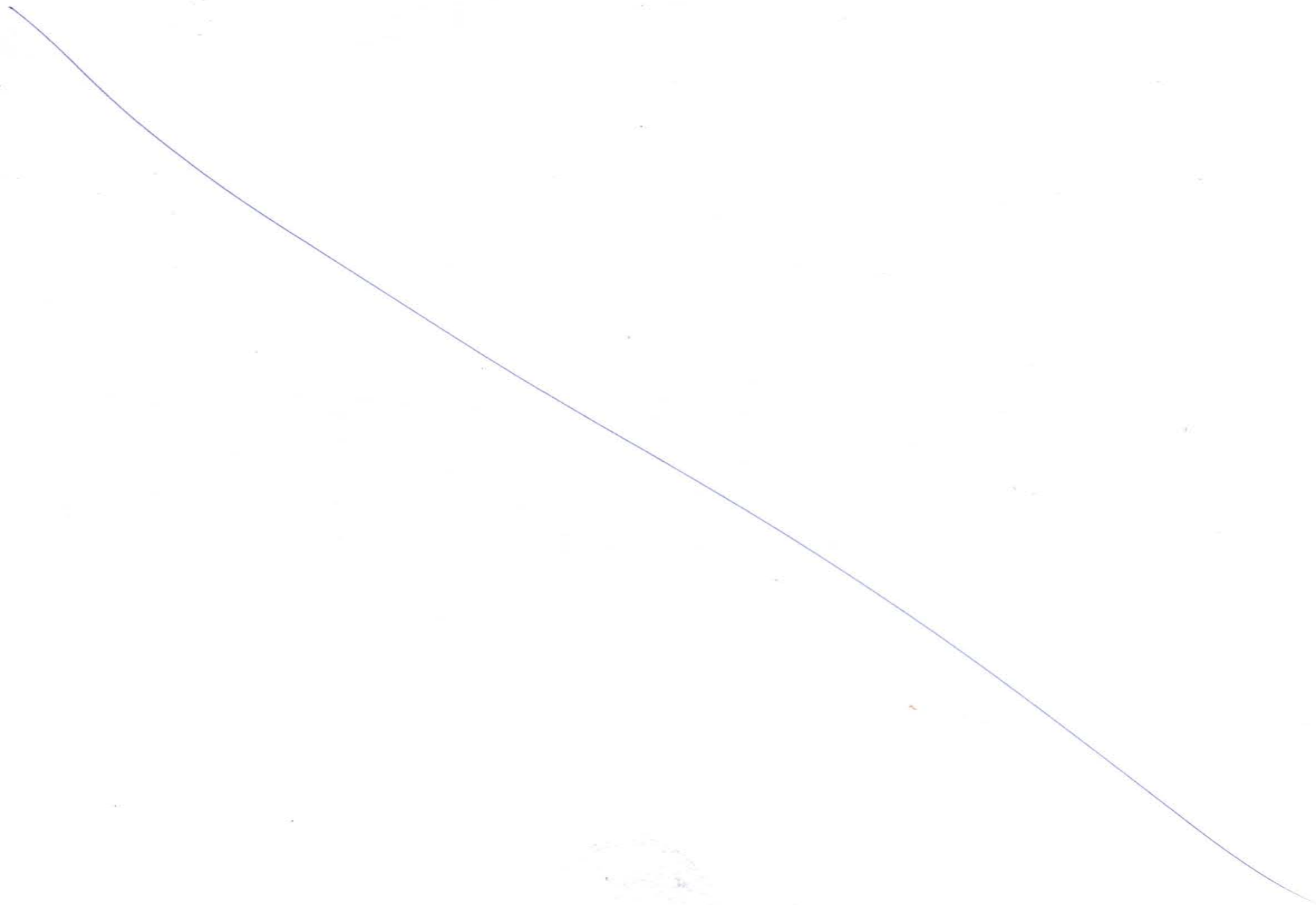
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



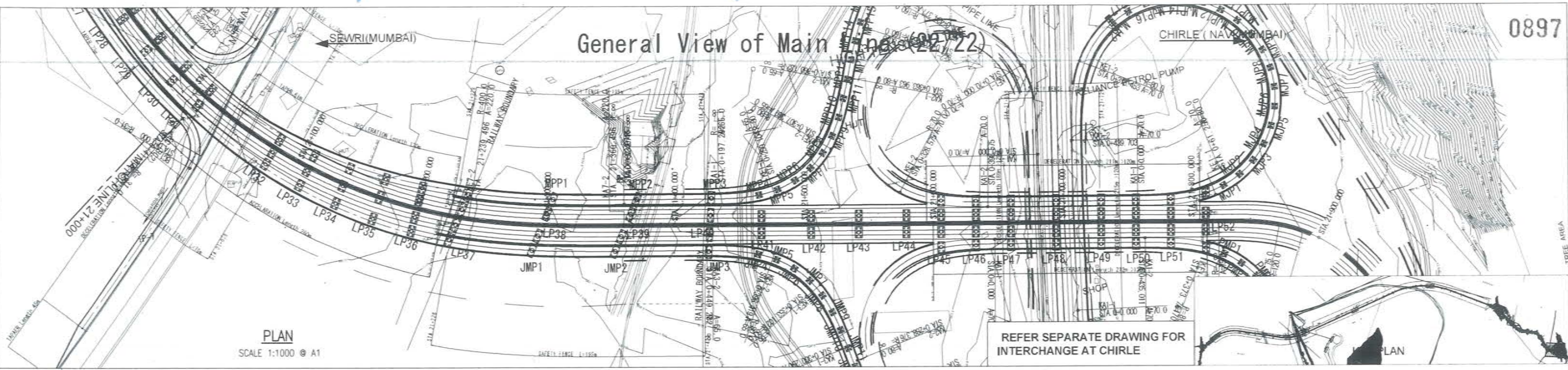
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General View of Main Line (21/22)
FROM CH 20+000 TO CH 21+000

DATE: _____ DRAWING NO. B-021 REV. _____

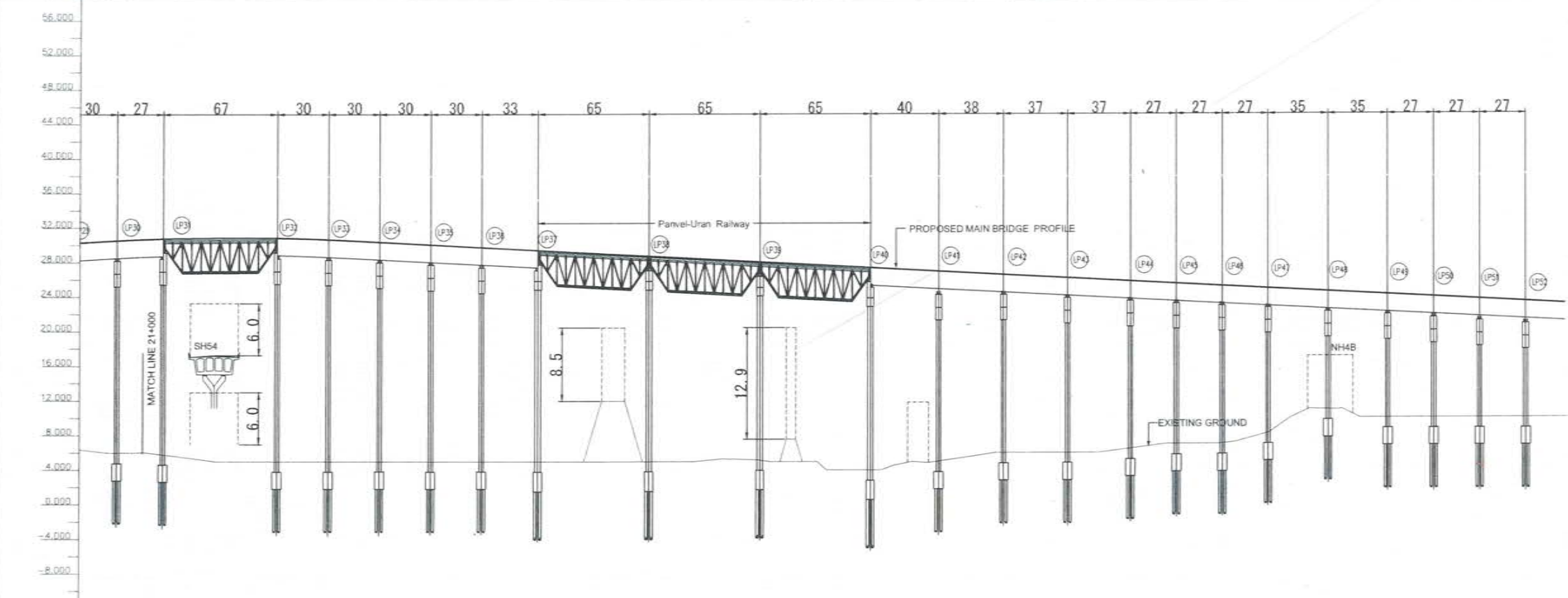
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DRAWN BY	
CHECKED BY	
APPROVED BY	



General View of Main Line (22/22)



PLAN
SCALE 1:1000 @ A1



FINISH ROAD LVL	5.95340.469	6.01740.660	5.58140.790	5.06740.856	5.00040.866	5.00040.812	5.00040.696	5.00040.520	5.00040.313	5.00040.106	5.00039.899	5.00039.692	5.00039.485	5.00039.283	5.00039.078	5.00029.071	5.00028.864	5.00028.656	5.00028.449	5.29228.242	5.18828.035	5.15428.030	5.00027.828	4.21527.621	4.00027.414	4.47927.207	4.8427.000	5.41026.793	6.00026.586	6.00026.379	6.00026.172	6.00025.965	6.50025.758	7.00025.551	7.00025.344	7.10325.136	8.2724.929	10.6624.722	10.9414.515	10.0004.308	10.0004.101	10.0003.894	10.0003.687	13.4803.480																																					
EXISTING BED GROUND LVL	-5.95340.469	-6.01740.660	-5.58140.790	-5.06740.856	-5.00040.866	-5.00040.812	-5.00040.696	-5.00040.520	-5.00040.313	-5.00040.106	-5.00039.899	-5.00039.692	-5.00039.485	-5.00039.283	-5.00039.078	-5.00029.071	-5.00028.864	-5.00028.656	-5.00028.449	-5.29228.242	-5.18828.035	-5.15428.030	-5.00027.828	-4.21527.621	-4.00027.414	-4.47927.207	-4.8427.000	-5.41026.793	-6.00026.586	-6.00026.379	-6.00026.172	-6.00025.965	-6.50025.758	-7.00025.551	-7.00025.344	-7.10325.136	-8.2724.929	-10.6624.722	-10.9414.515	-10.0004.308	-10.0004.101	-10.0003.894	-10.0003.687	-13.4803.480																																					
VERTICAL	R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483																																								
HORIZONTAL	R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483		R=400 L=401.483																																								
CHAINAGE	+980	21+00	+20	+30	+40	+50	+60	+70	+80	+90	+100	+110	+120	+130	+140	+150	+160	+170	+180	+190	+200	+210	+220	+230	+240	+250	+260	+270	+280	+290	+300	+310	+320	+330	+340	+350	+360	+370	+380	+390	+400	+410	+420	+430	+440	+450	+460	+470	+480	+490	+500	+510	+520	+530	+540	+550	+560	+570	+580	+590	+600	+610	+620	+630	+640	+650	+660	+670	+680	+690	+700	+710	+720	+730	+740	+750	+760	+770	+780	+790	+800

PROFILE
SCALE H=1:1000 V=1:400 @ A1



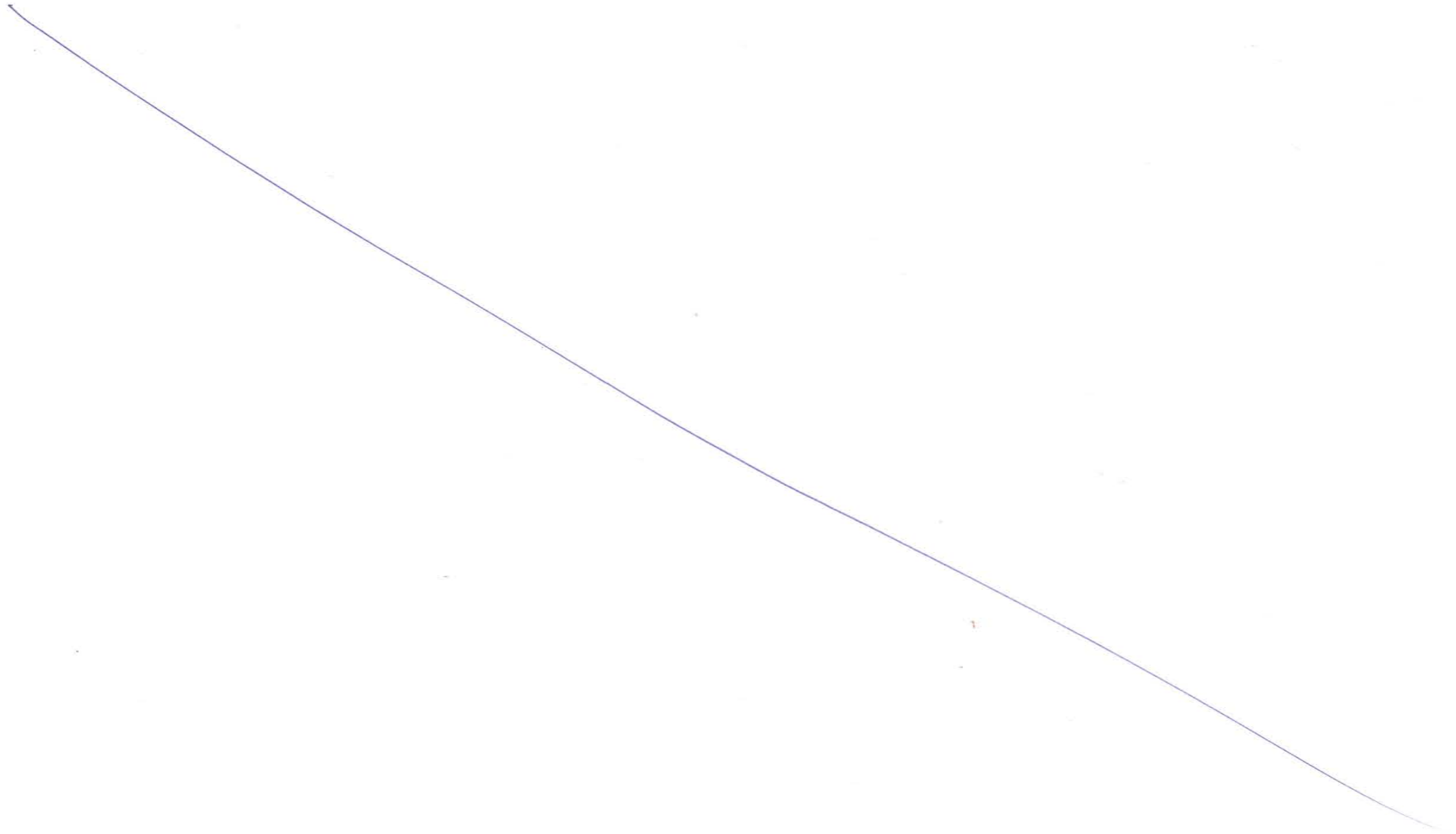
NAME	SIGN
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CHECKED BY	
APPROVED BY	



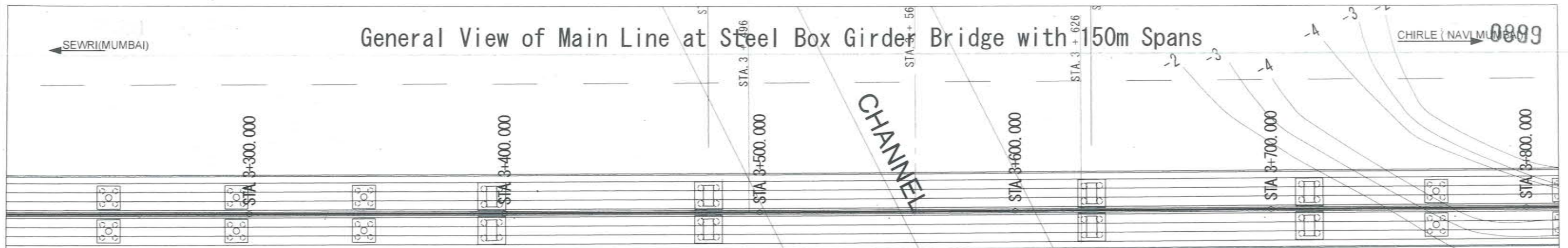
PROJECT - MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



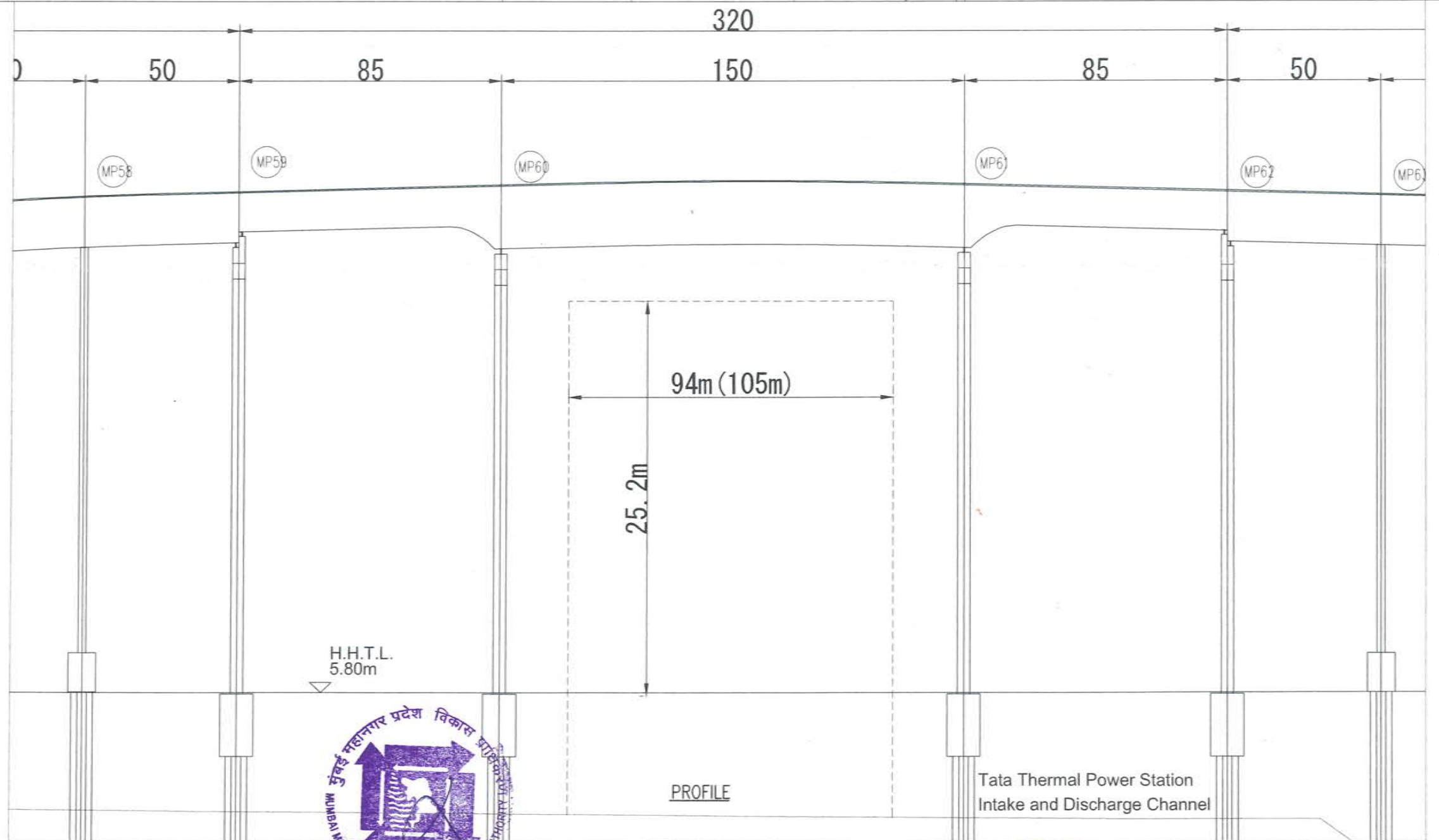
TITLE -	General View of Main Line (22/22) FROM CH 21+000 TO CH 21+723		
DATE	DRAWING NO.	B-022	REV.



General View of Main Line at Steel Box Girder Bridge with 150m Spans



MP56 MP57 MP58 MP59 MP60 PLAN MP61 MP62 MP63 MP64



Tata Thermal Power Station
Intake and Discharge Channel



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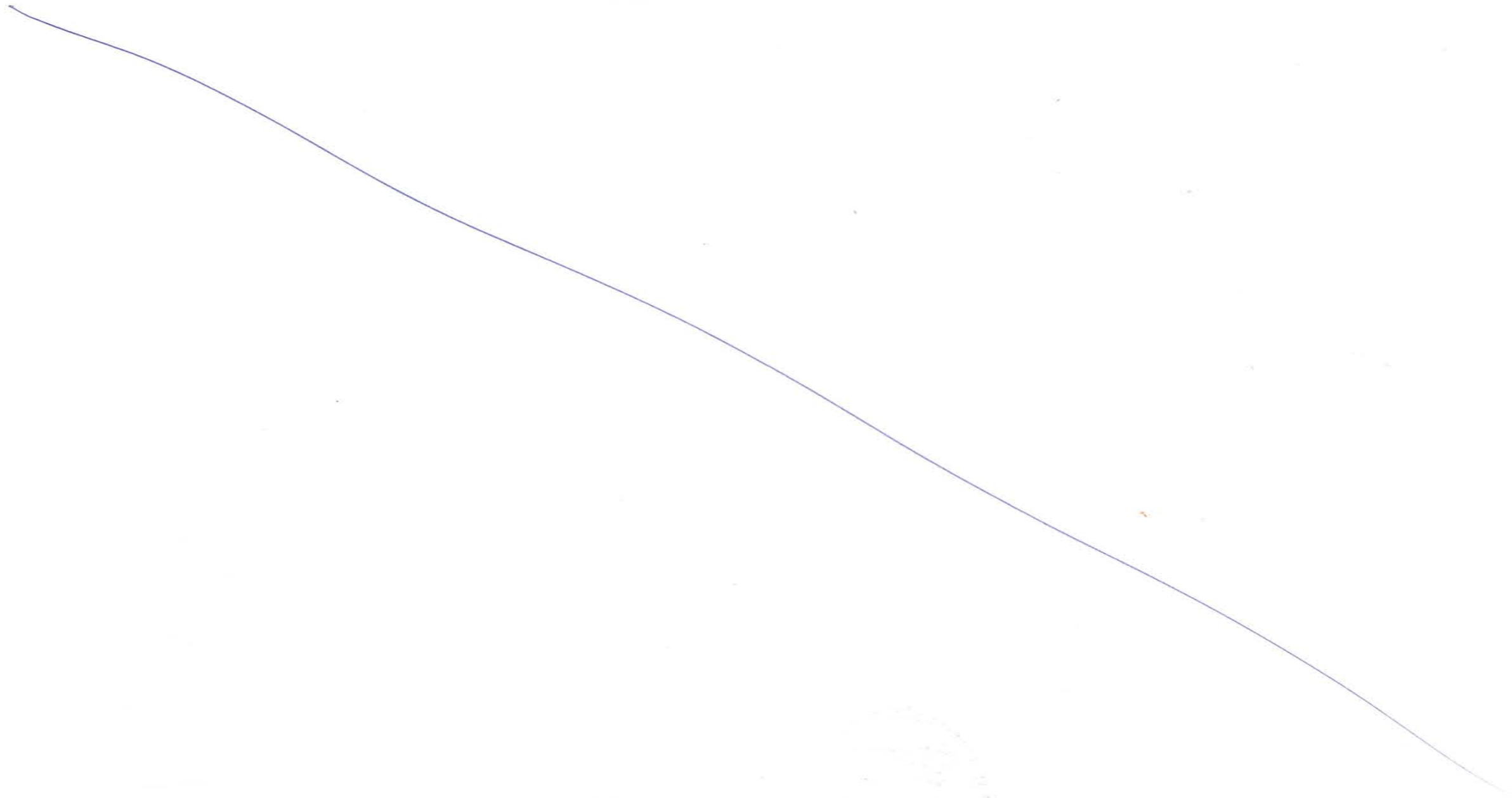
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT - **MUMBAI TRANS HARBOUR LINK PROJECT**
TENDER DRAWINGS

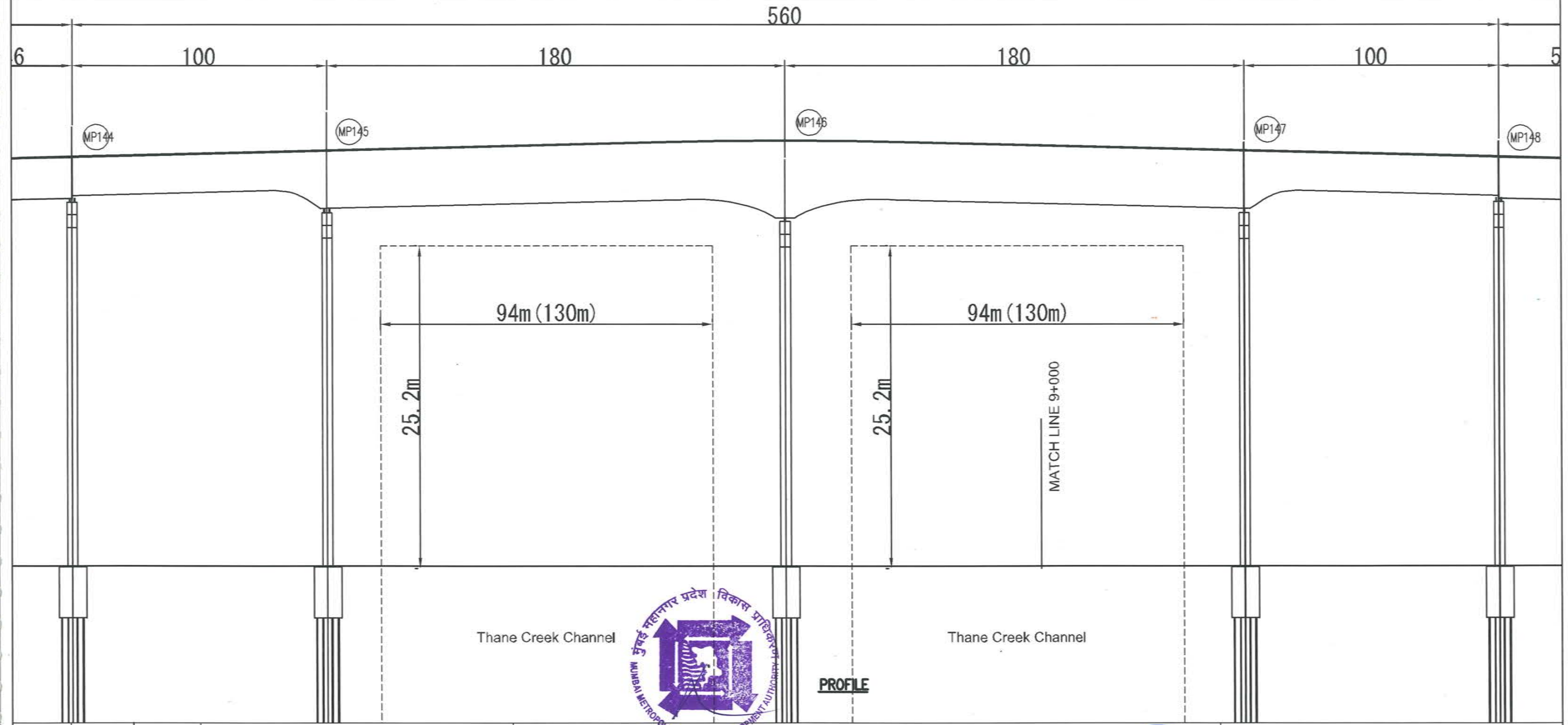
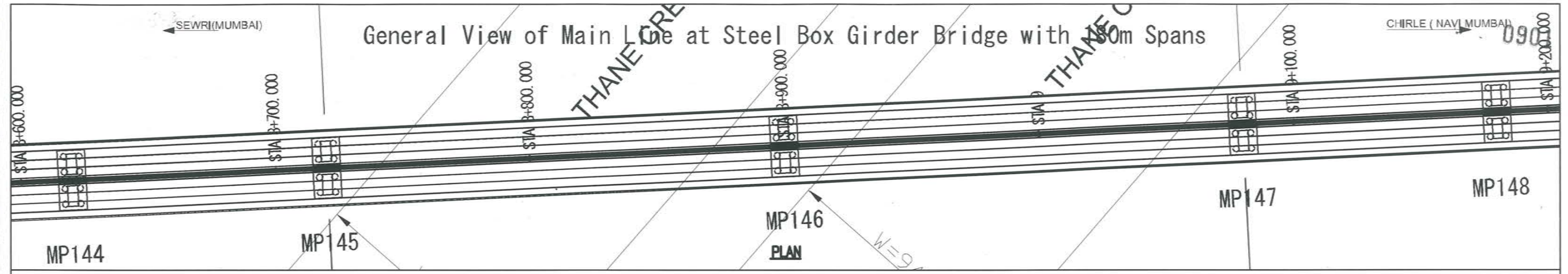


TITLE - General View of Main Line at Steel Box
Girder Bridge with 150m Spans

DATE: DRAWING NO. **B-023** REV.



General View of Main Line at Steel Box Girder Bridge with 180m Spans



NAME	SIGN
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CHECKED BY	
APPROVED BY	

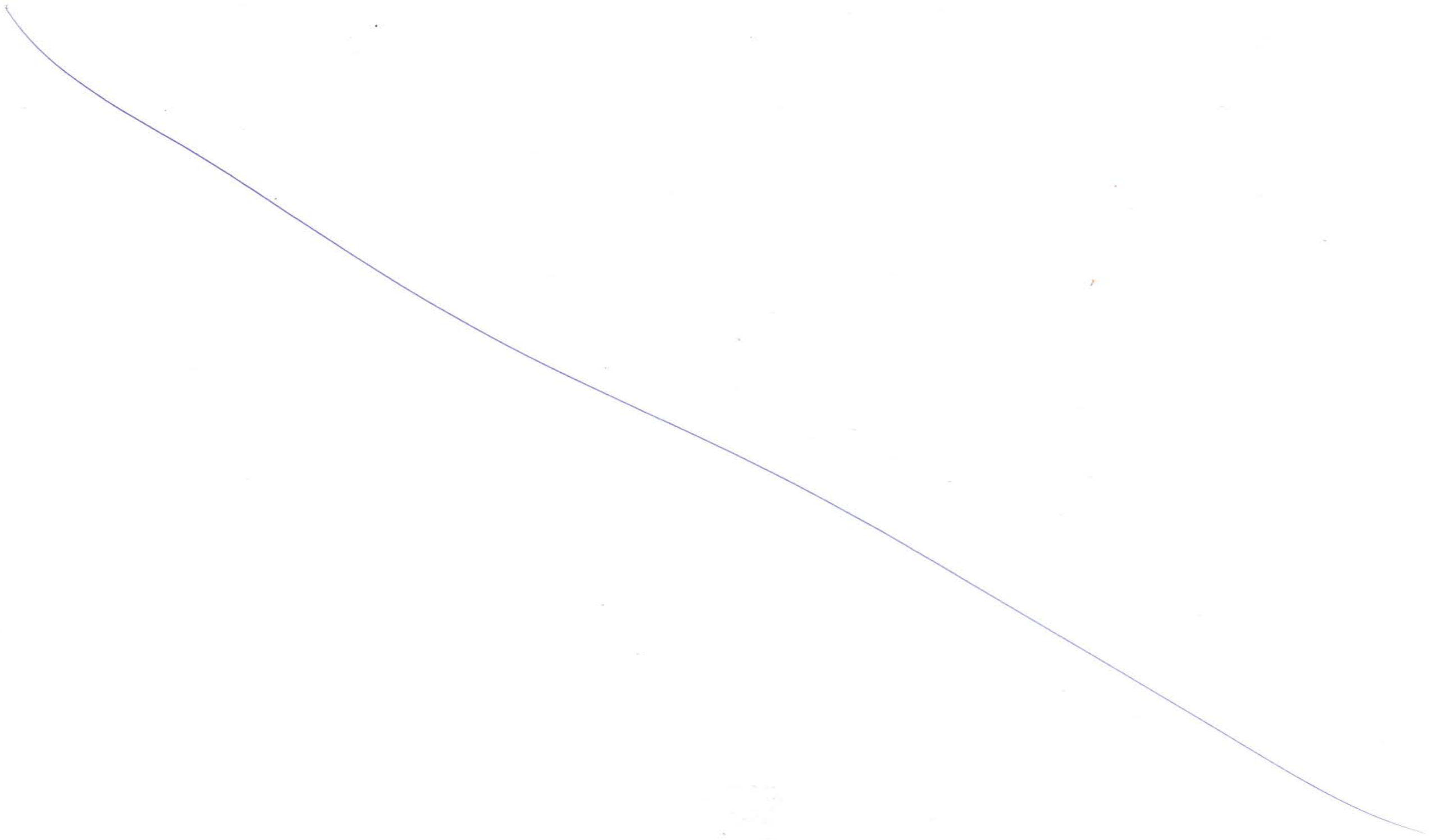
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT :-
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE :- General View of Main Line at Steel Box Girder Bridge with 180m Spans		
DATE	DRAWING NO. B-024	REV.





Plan of Sewri Interchange

0903

Sewri Worli connector



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CHECKED BY	
APPROVED BY	



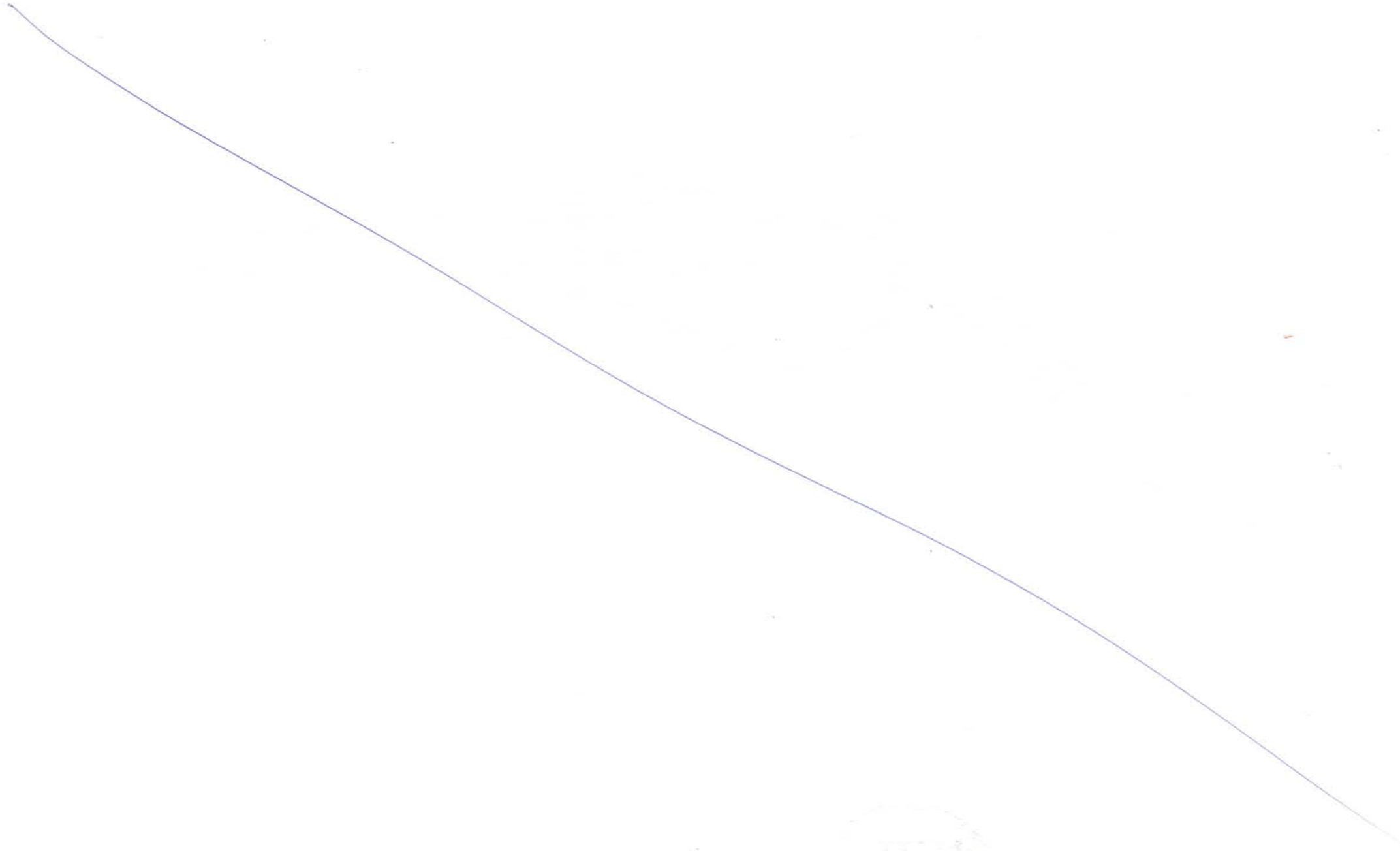
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



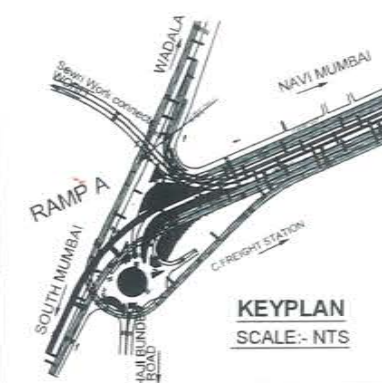
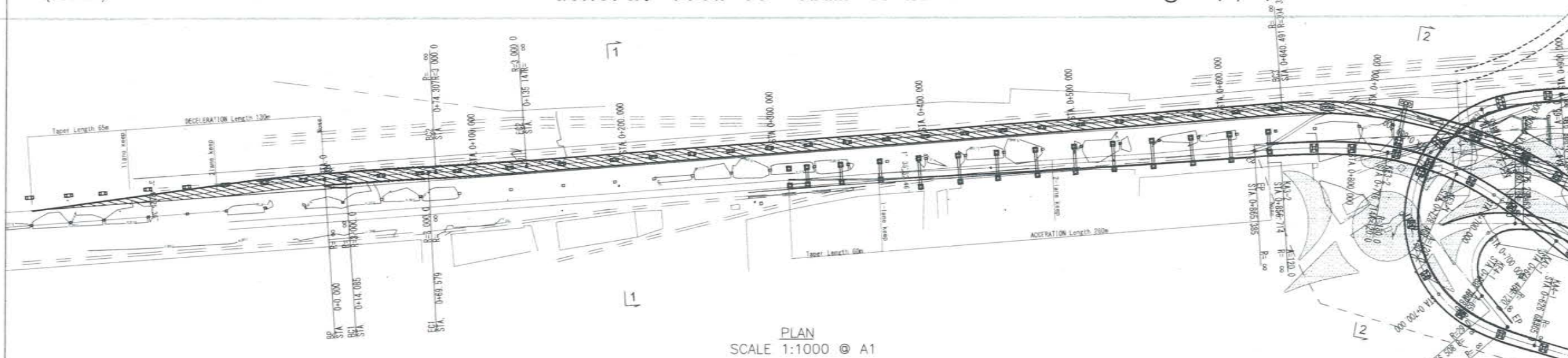
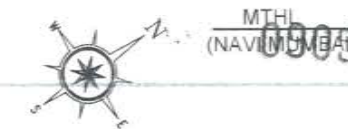
TITLE -		DATE	DRAWING NO.	REV.
Plan of Sewri Interchange			B-025	



EASTERN FREEWAY SOUTH
(COLABA)

General View of RAMP A at Sewri Interchange (1/2)

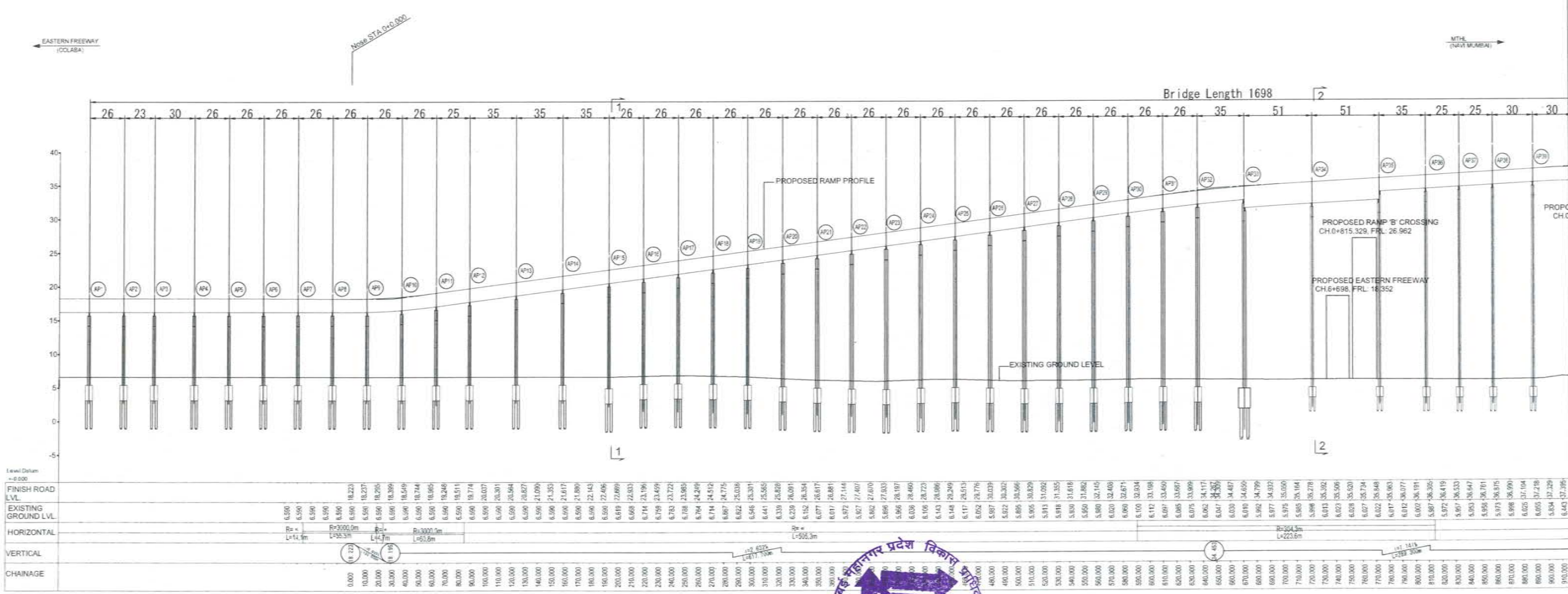
MTHL
(NAVI MUMBAI)



PLAN
SCALE 1:1000 @ A1

EASTERN FREEWAY
(COLABA)

MTHL
(NAVI MUMBAI)



PROFILE
SCALE H=1:1000 V=1:400 @ A1

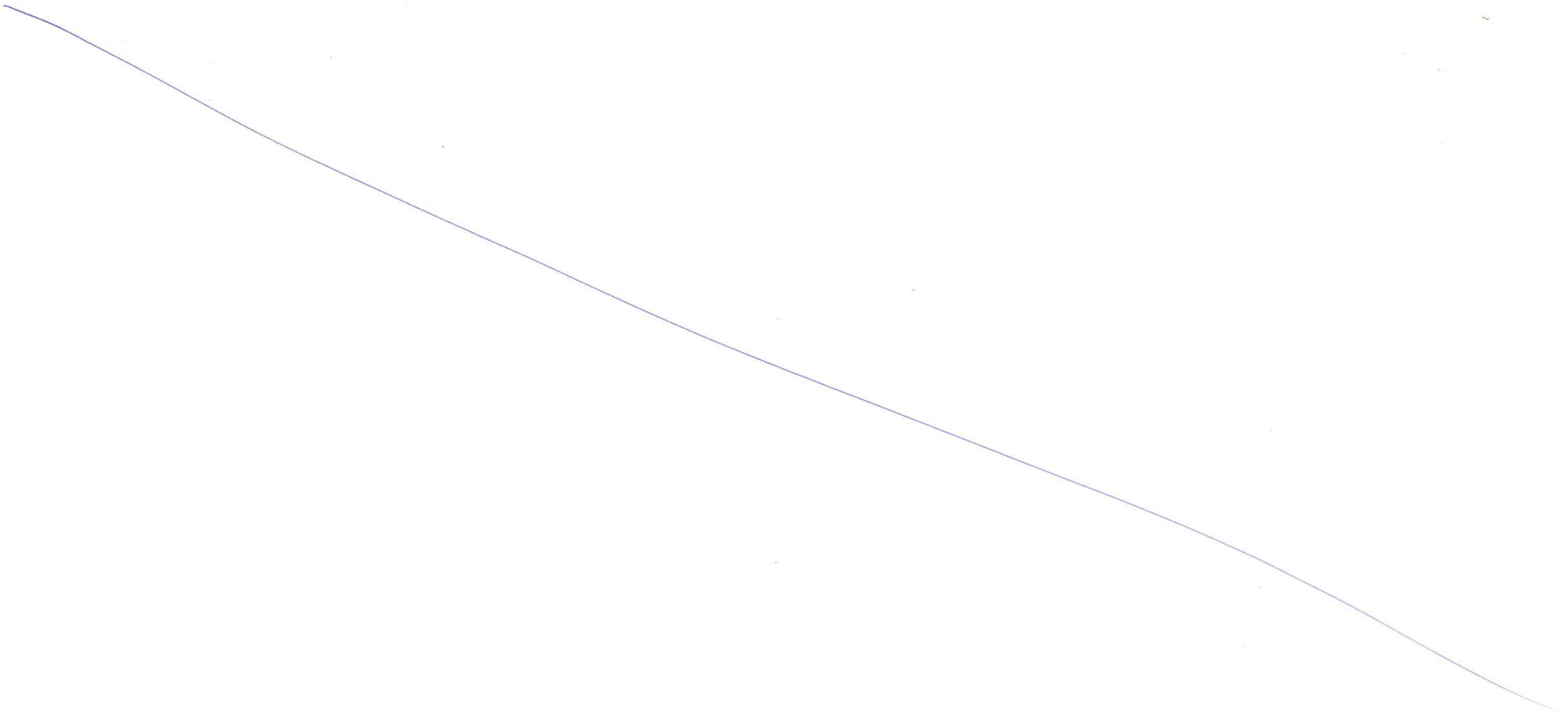
NAME	SIGN



PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE - General View of RAMP A at Sewri Interchange (1/2)	DATE	DRAWING NO. B-026	REV.
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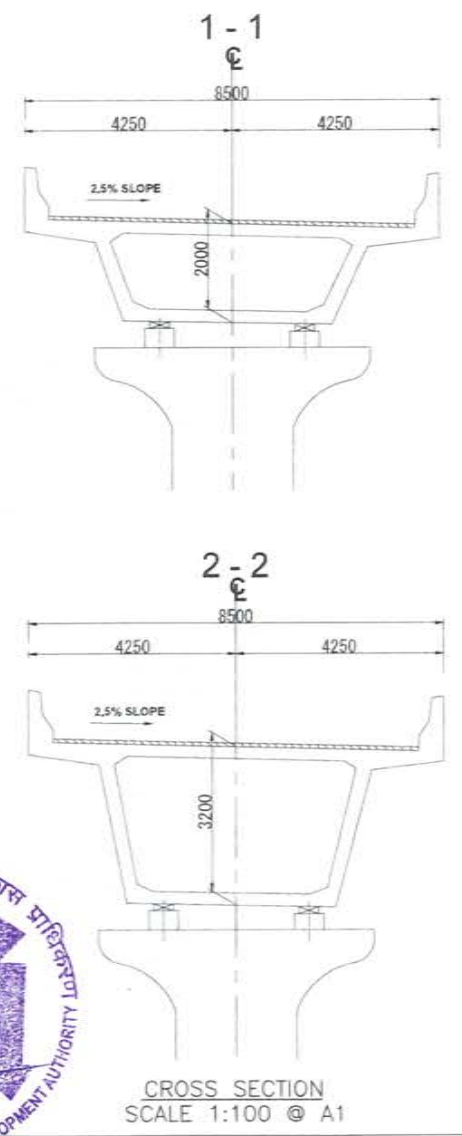
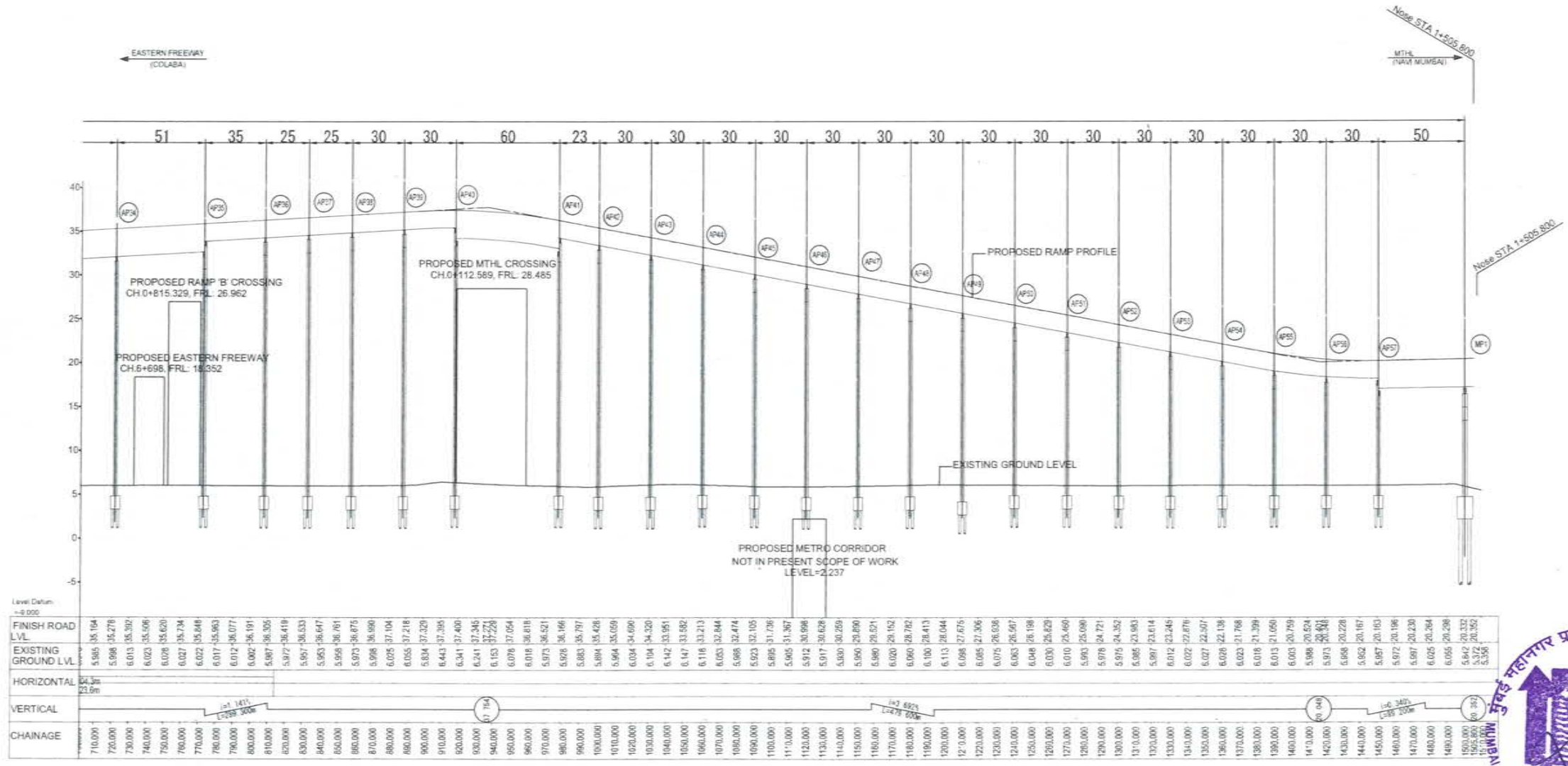
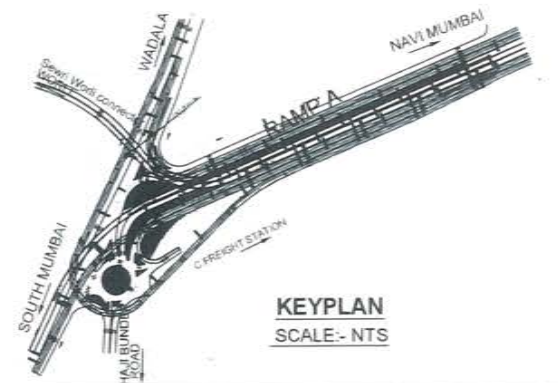
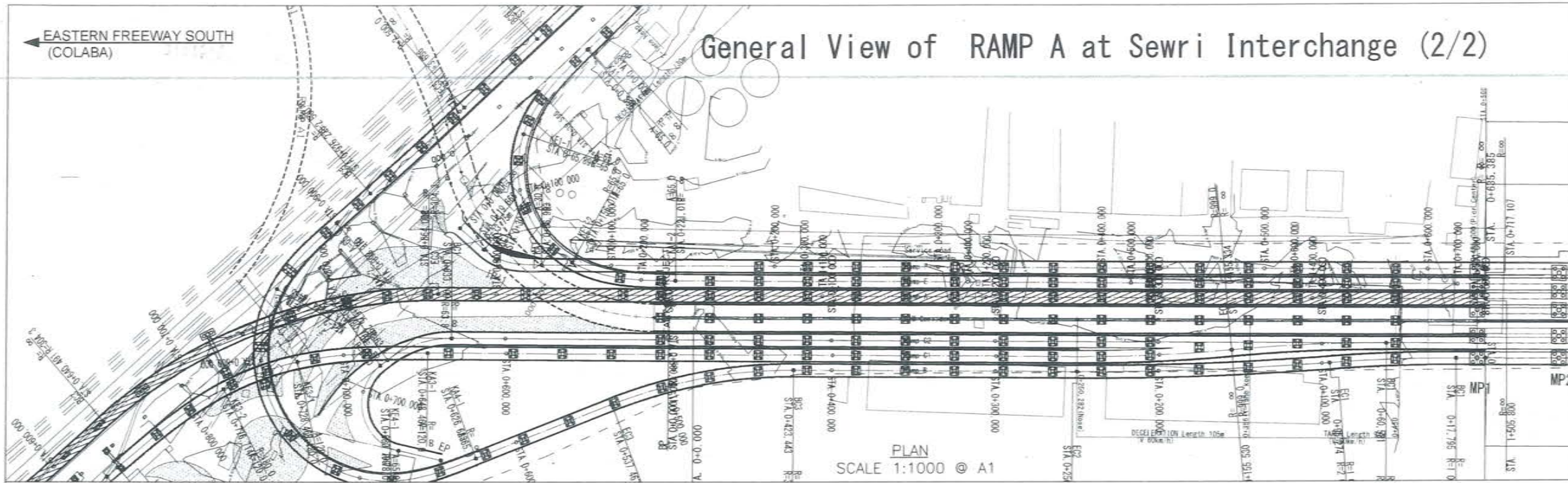
EASTERN FREEWAY SOUTH
(COLABA)

General View of RAMP A at Sewri Interchange (2/2)

MTHL
(NAVI MUMBAI)



0907



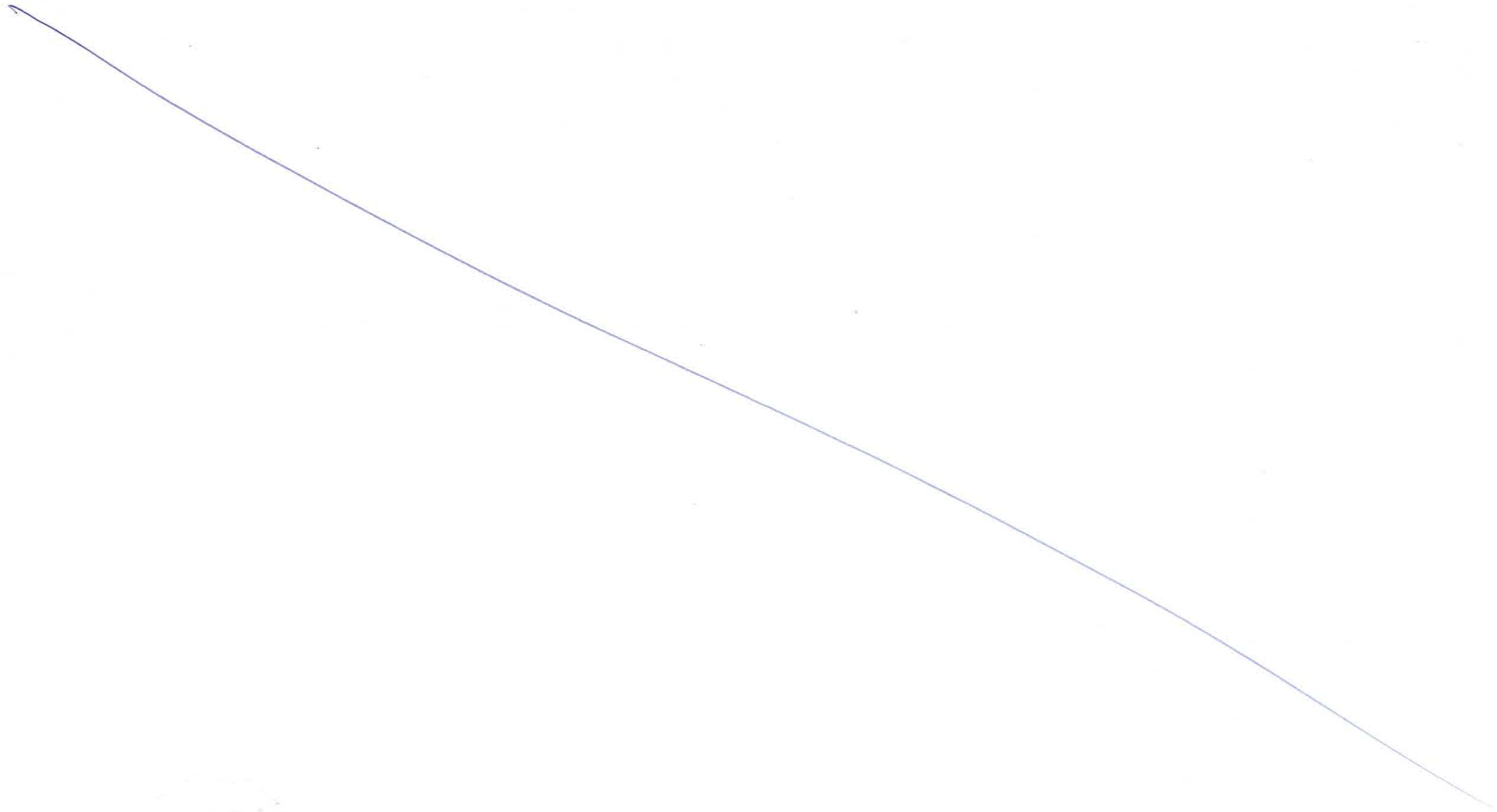
NAME	SIGN

MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



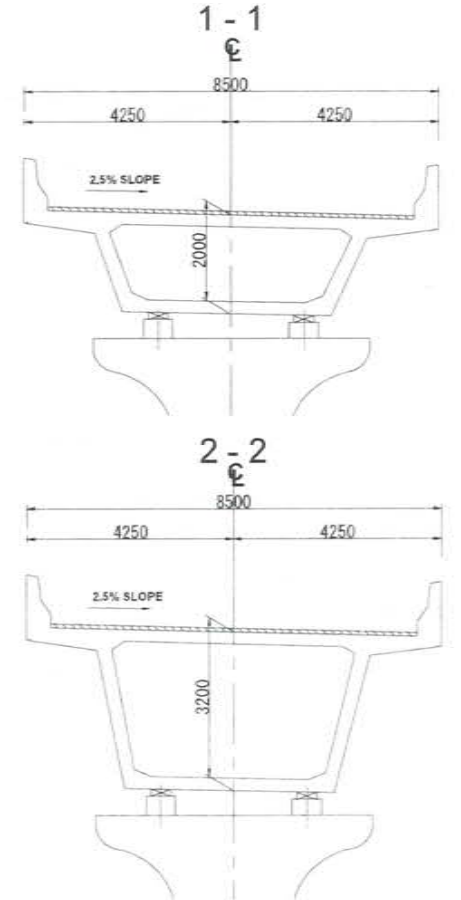
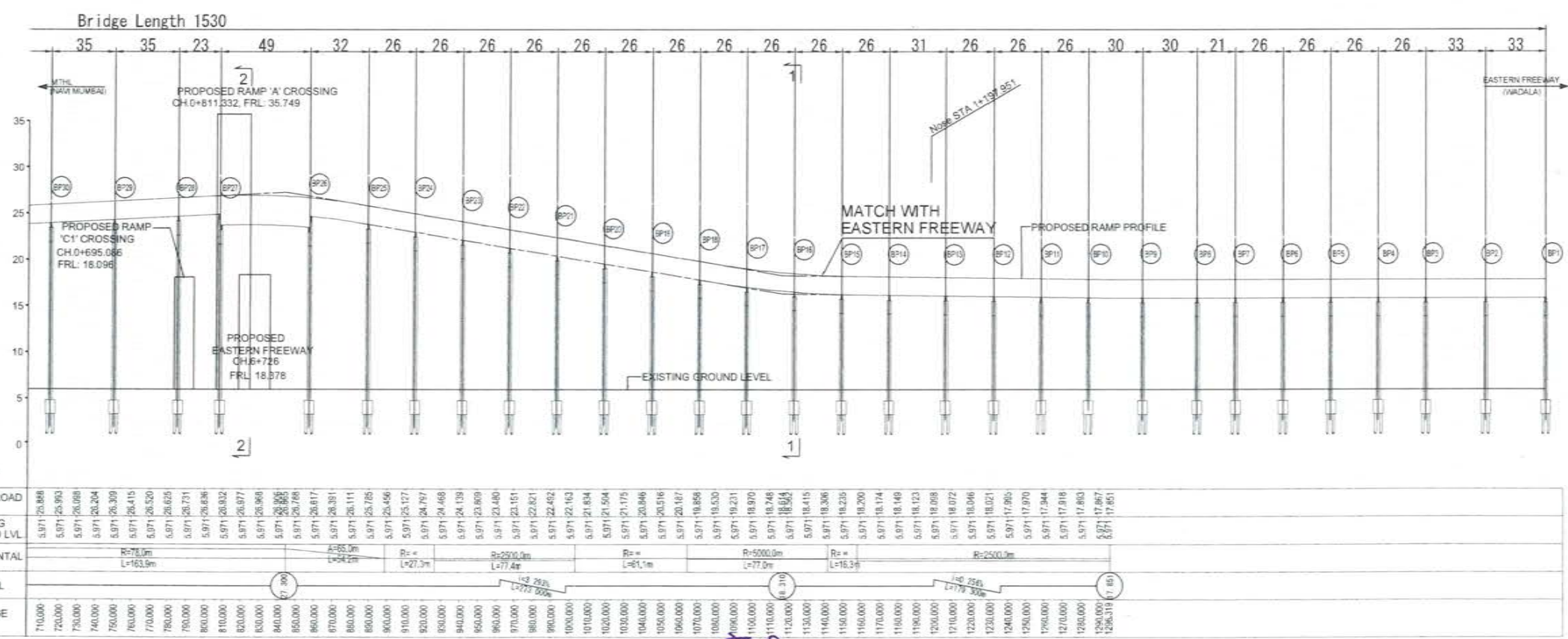
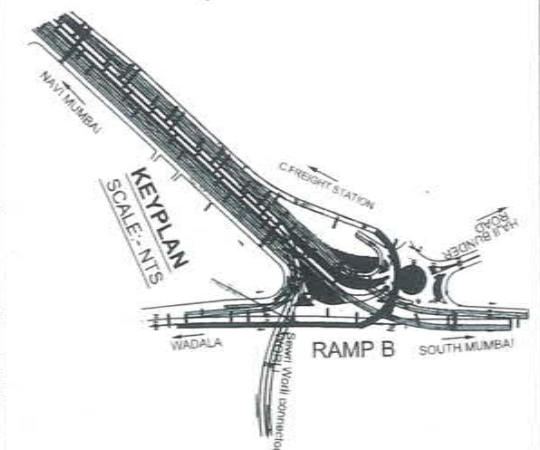
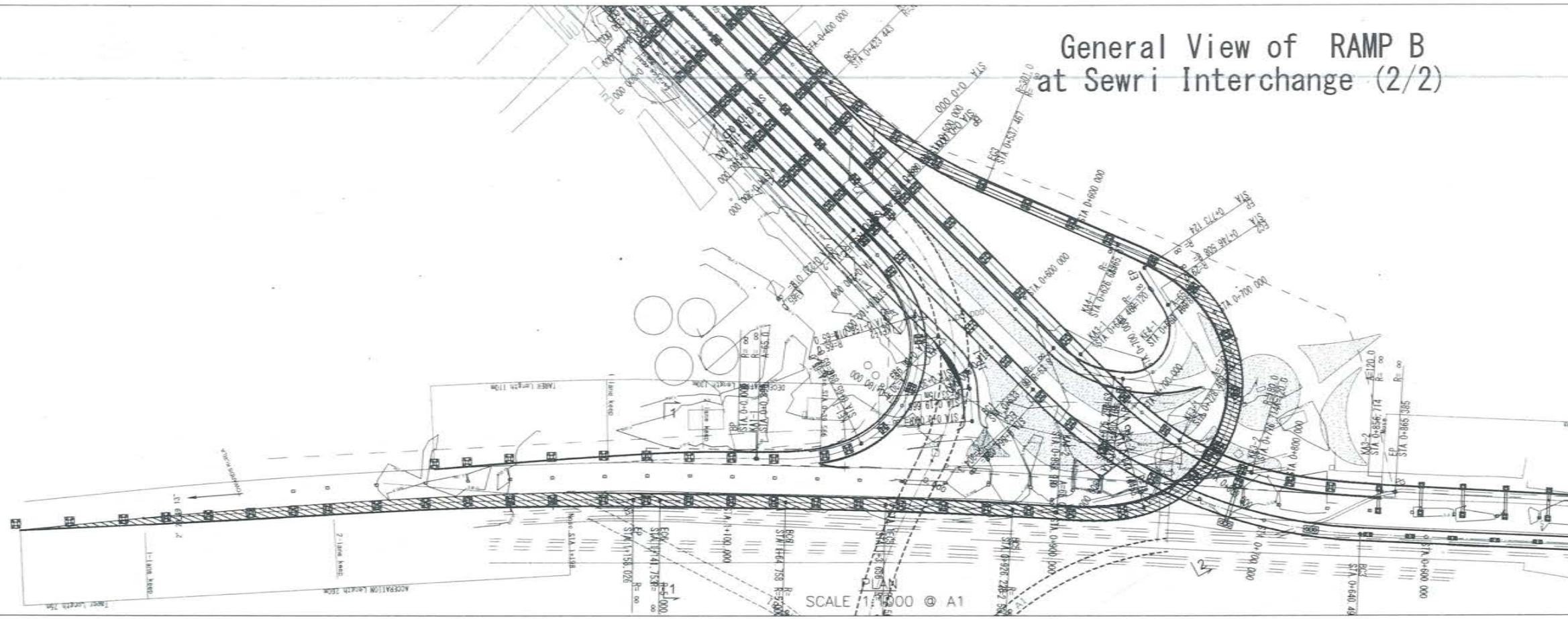
TITLE - General View of RAMP A at Sewri Interchange (2/2)	DATE	DRAWING NO. - B-027	REV.
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General View of RAMP B at Sewri Interchange (2/2)

EASTERN FREEWAY (WADALA) → 0911



CROSS SECTION SCALE 1:100 @ A1

PROFILE SCALE 1:1000 V=1:400 @ A1

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -		
General View of RAMP B at Sewri Interchange (2/2)		
DATE	DRAWING NO.	REV.
	B-029	

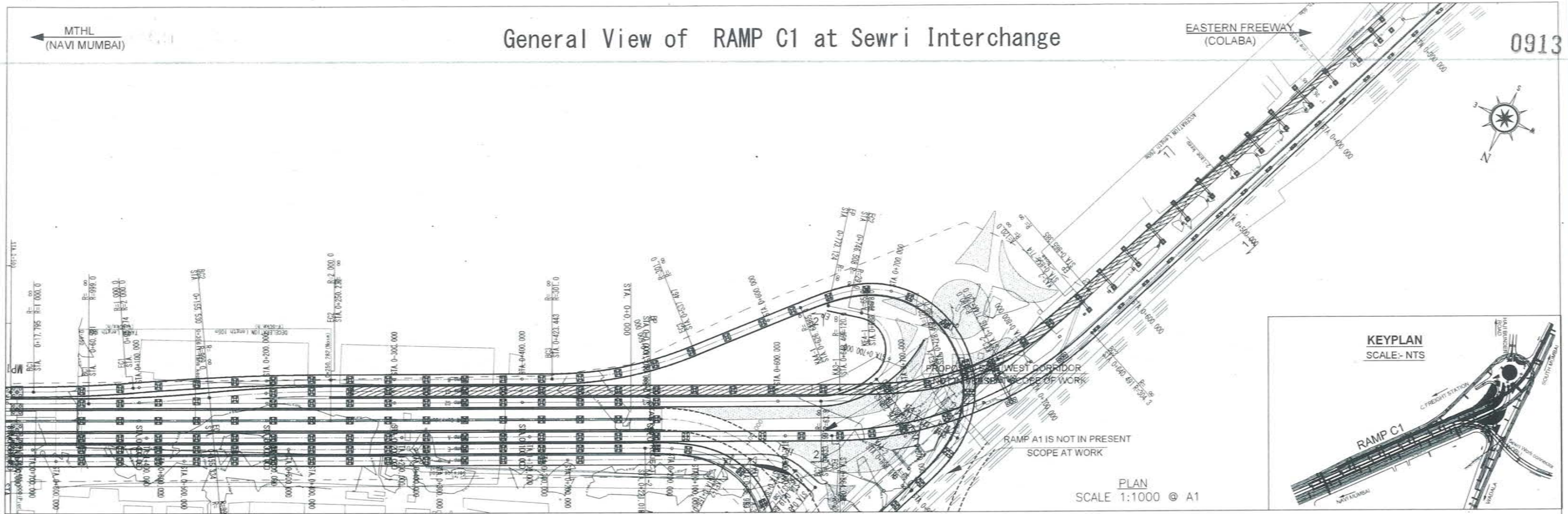


MTHL
(NAVI MUMBAI)

General View of RAMP C1 at Sewri Interchange

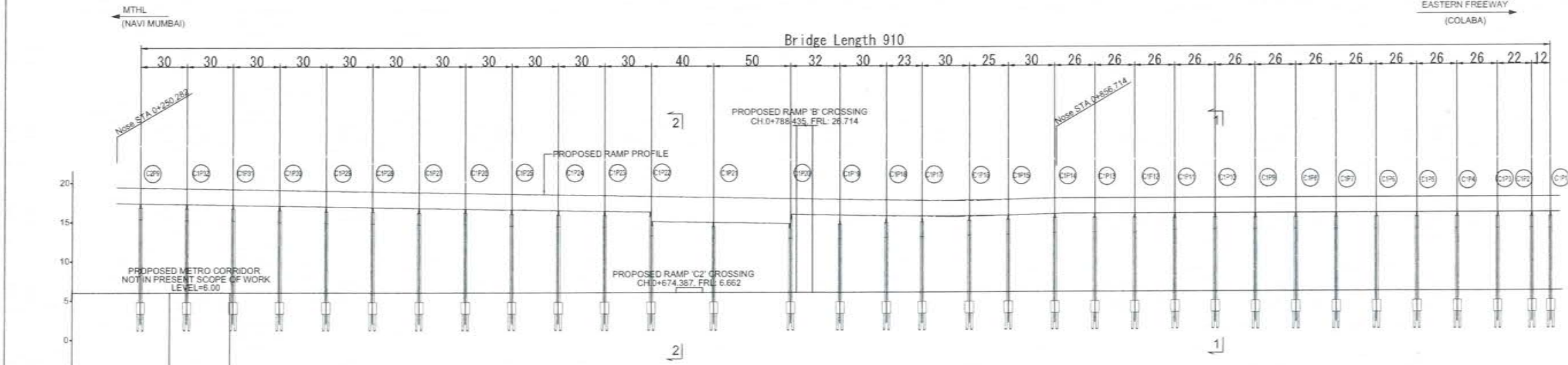
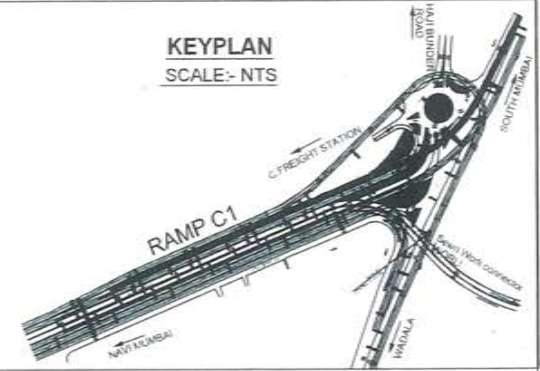
EASTERN FREEWAY
(COLABA)

0913



PLAN
SCALE 1:1000 @ A1

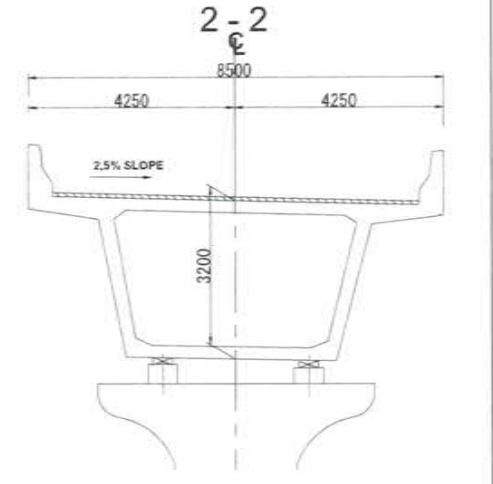
KEYPLAN
SCALE: NTS



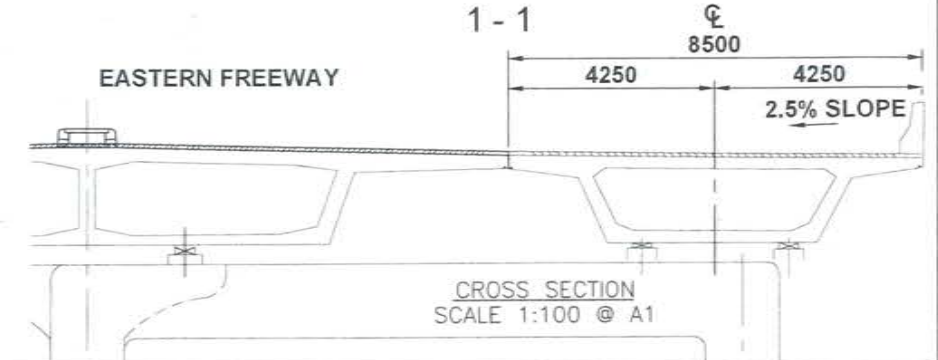
Bridge Length 910

FINISH ROAD LVL	EXISTING GROUND LVL	HORIZONTAL	VERTICAL	CHAINAGE
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6.022	6.022			240.000
6.022	6.022			250.000
6.022	6.022			260.000
6.022	6.022			270.000
6.022	6.022			280.000
6.022	6.022			290.000
6.022	6.022			300.000
6.022	6.022			310.000
6.022	6.022			320.000
6.022	6.022			330.000
6.022	6.022			340.000
6.022	6.022			350.000
6.022	6.022			360.000
6.022	6.022			370.000
6.022	6.022			380.000
6.022	6.022			390.000
6.022	6.022			400.000
6.022	6.022			410.000
6.022	6.022			420.000
6.022	6.022			430.000
6.022	6.022			440.000
6.022	6.022			450.000
6.022	6.022			460.000
6.022	6.022			470.000
6.022	6.022			480.000
6.022	6.022			490.000
6.022	6.022			500.000
6.022	6.022			510.000
6.022	6.022			520.000
6.022	6.022			530.000
6.022	6.022			540.000
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6.022	6.022			560.000
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6.022	6.022			900.000
6.022	6.022			910.000

PROFILE
SCALE H=1:1000 V=1:400 @ A1



2-2



1-1

CROSS SECTION
SCALE 1:100 @ A1

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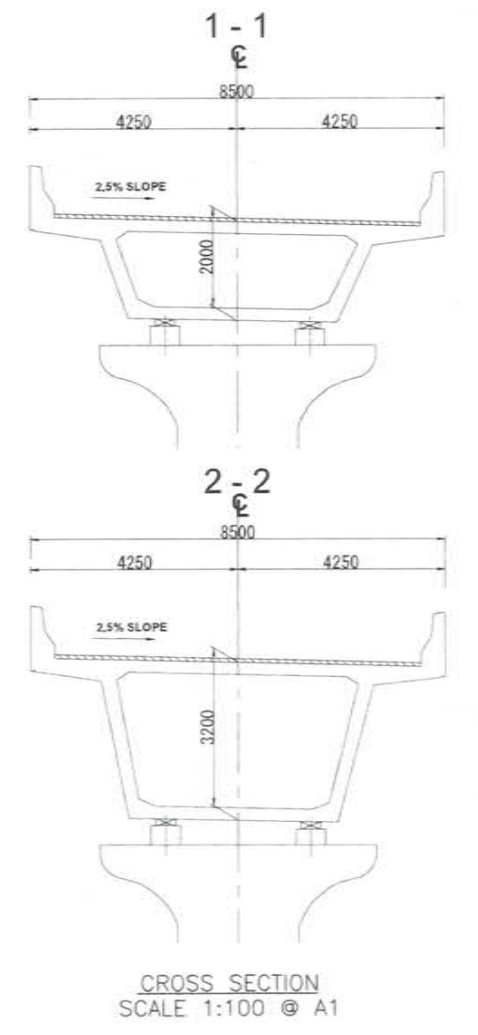
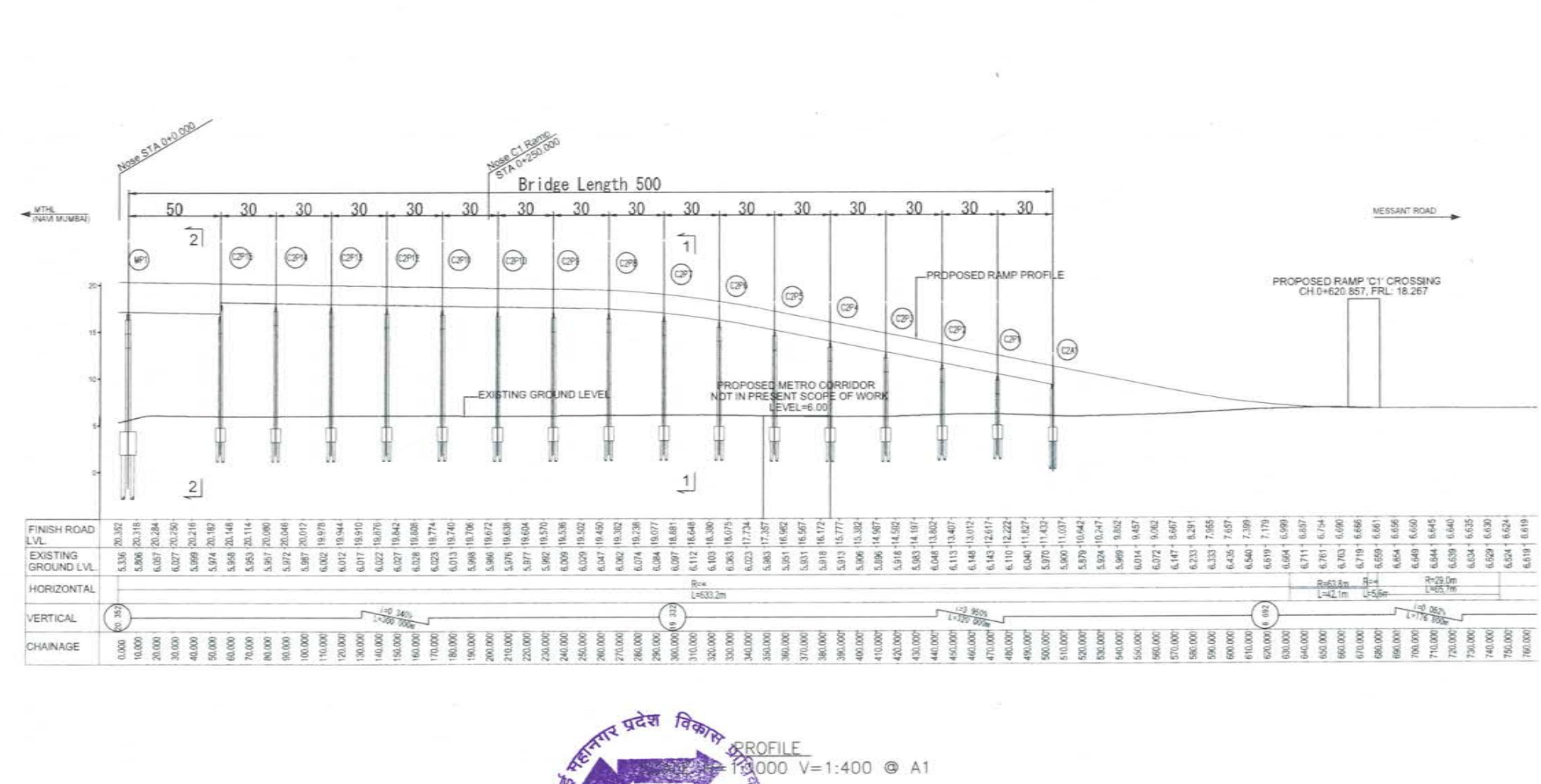
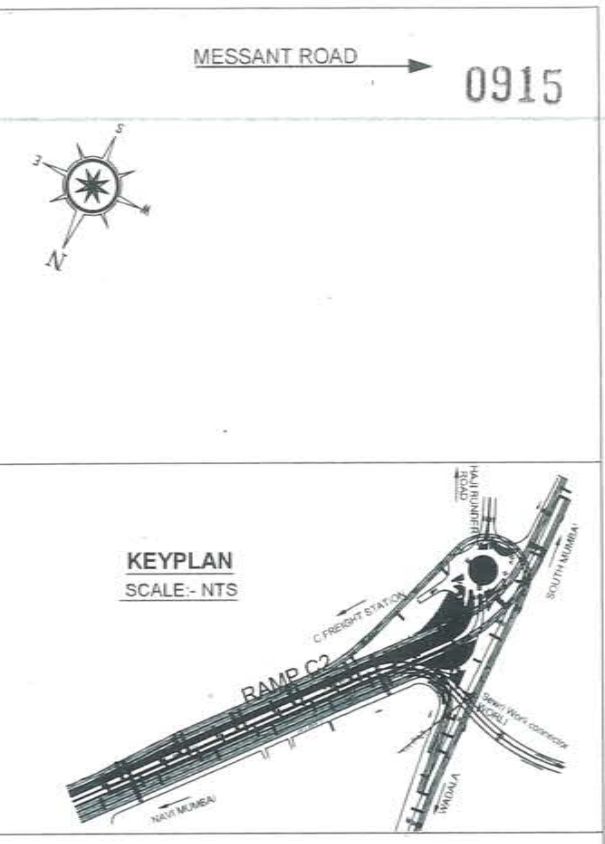
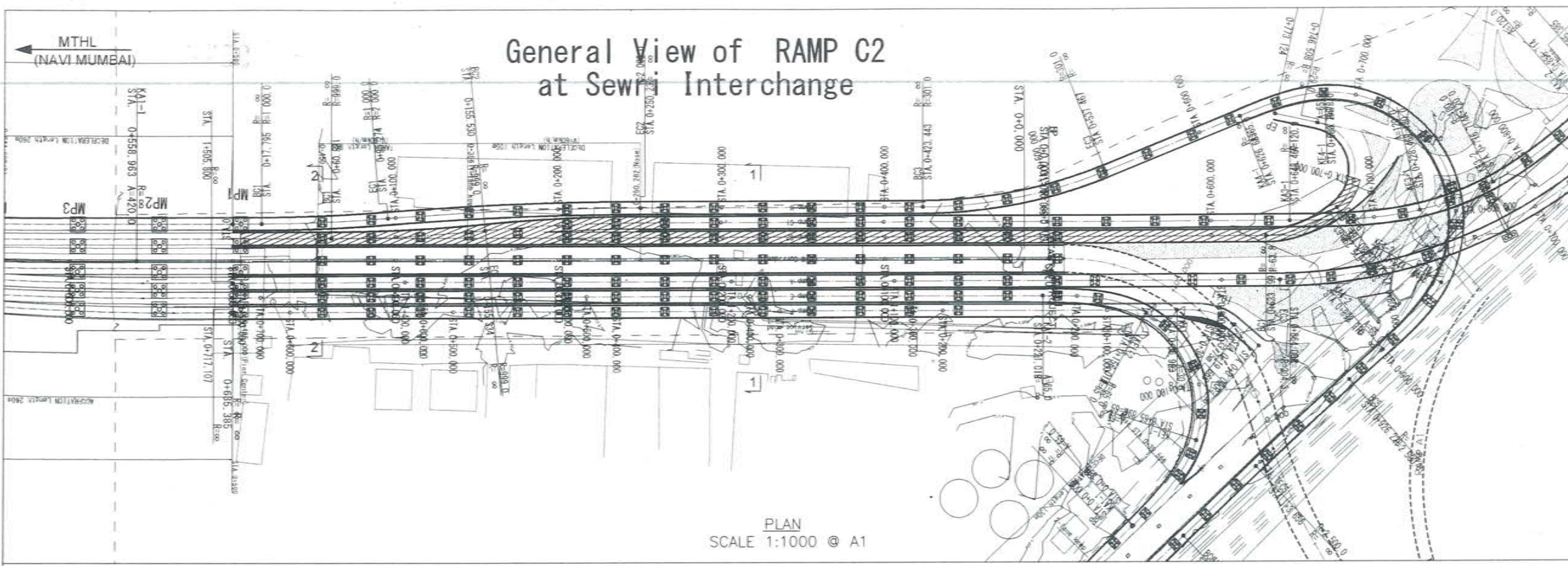
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TITLE -
General View of RAMP C1
at Sewri Interchange

DATE	DRAWING NO.	REV.
	B-030	





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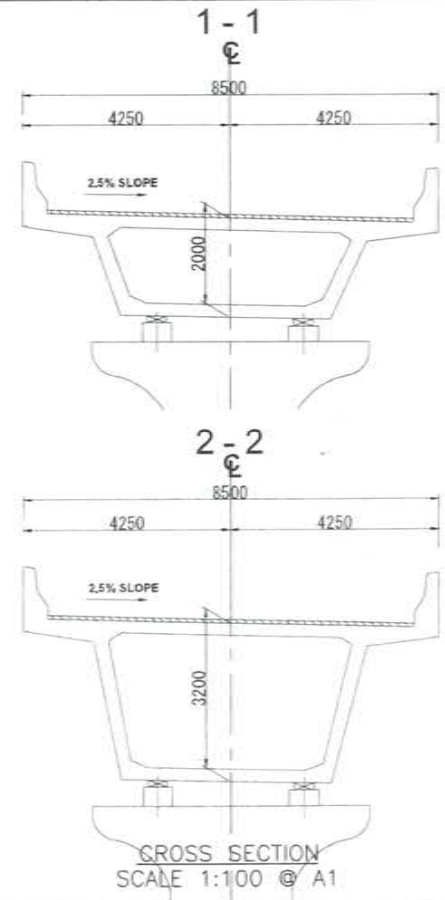
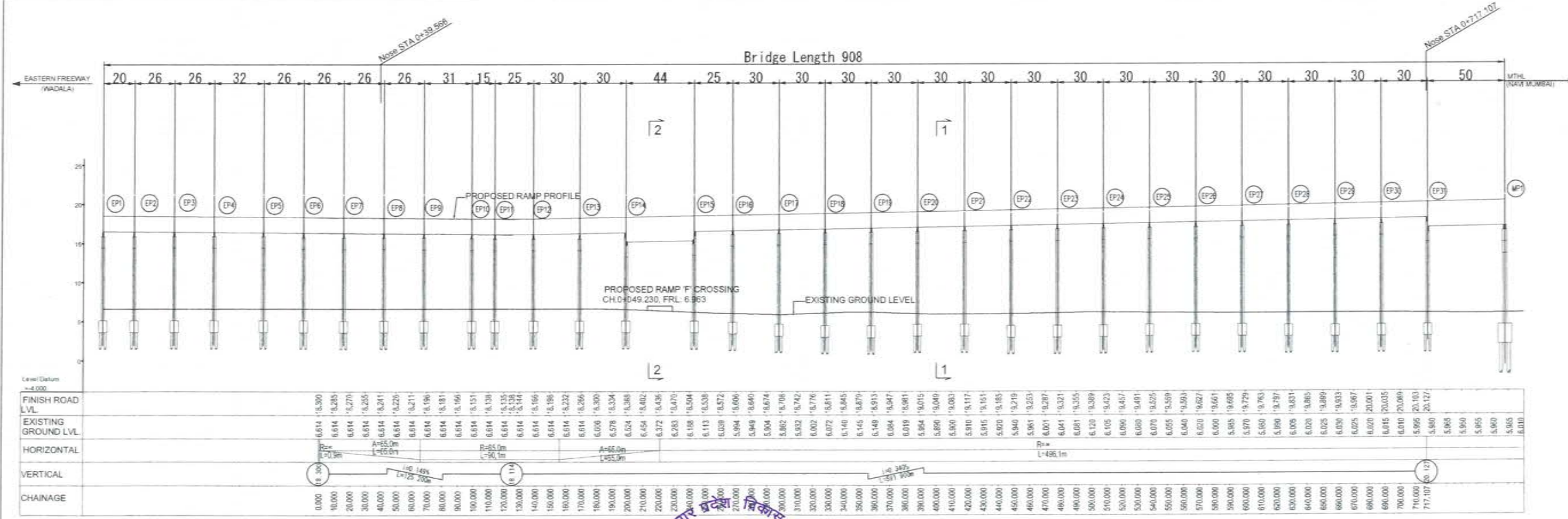
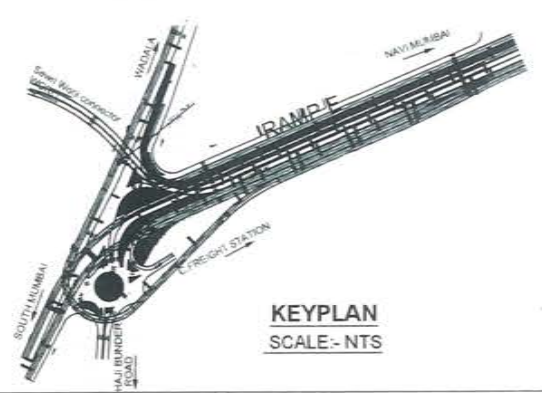
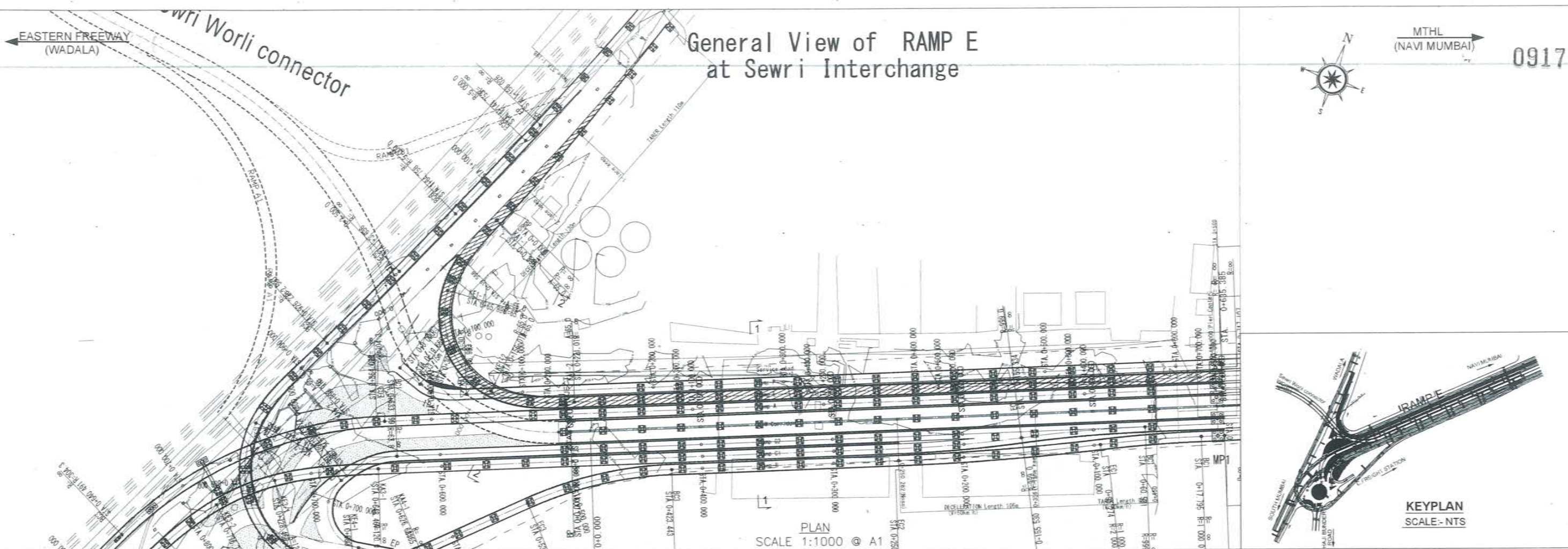
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TENDER DRAWINGS

TITLE - General View of RAMP C2 at Sewri Interchange		
DATE	DRAWING NO. B-031	REV.





NAME	SIGN

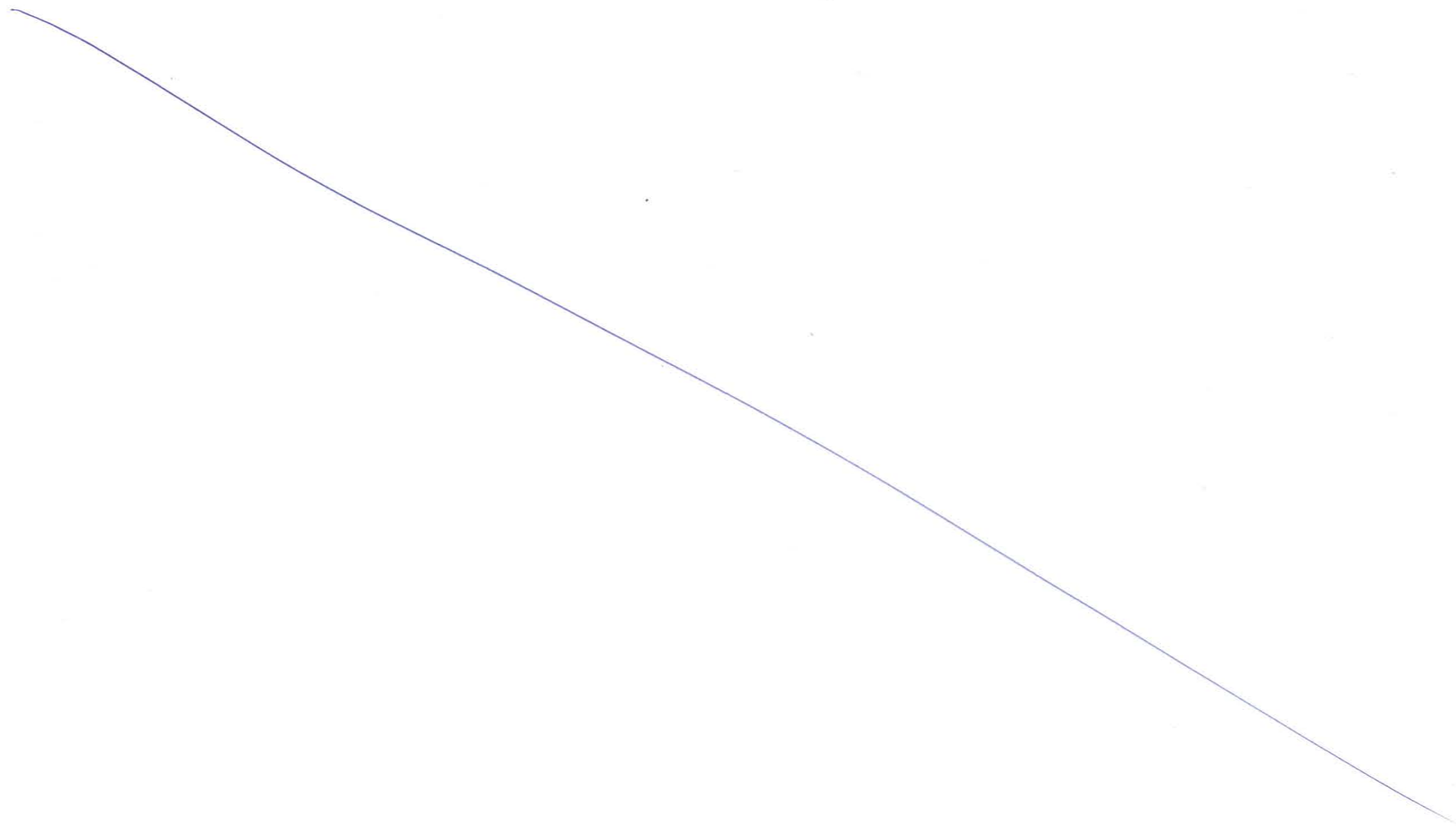


MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



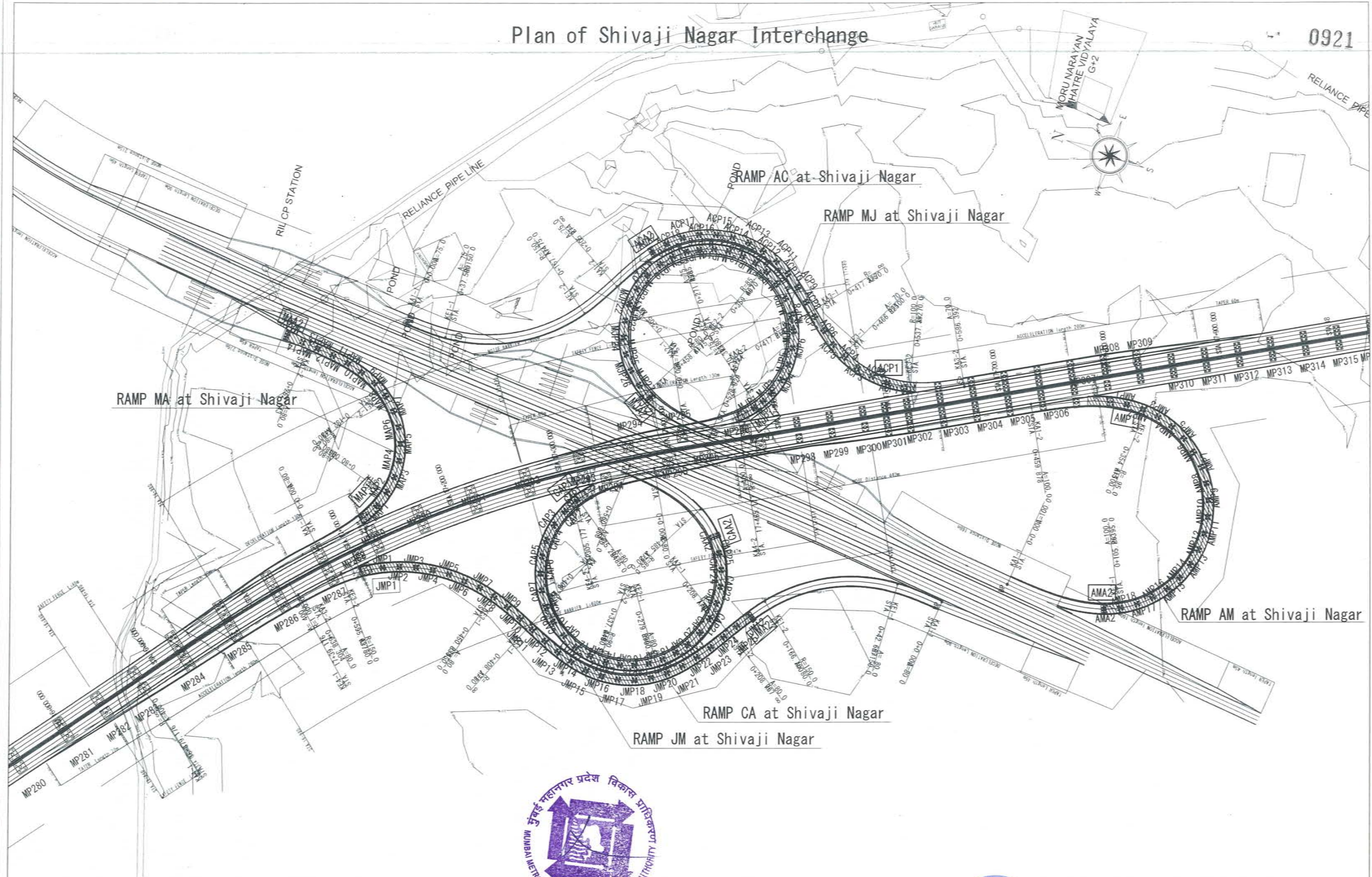
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Plan of Shivaji Nagar Interchange

0921



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PROJECT -

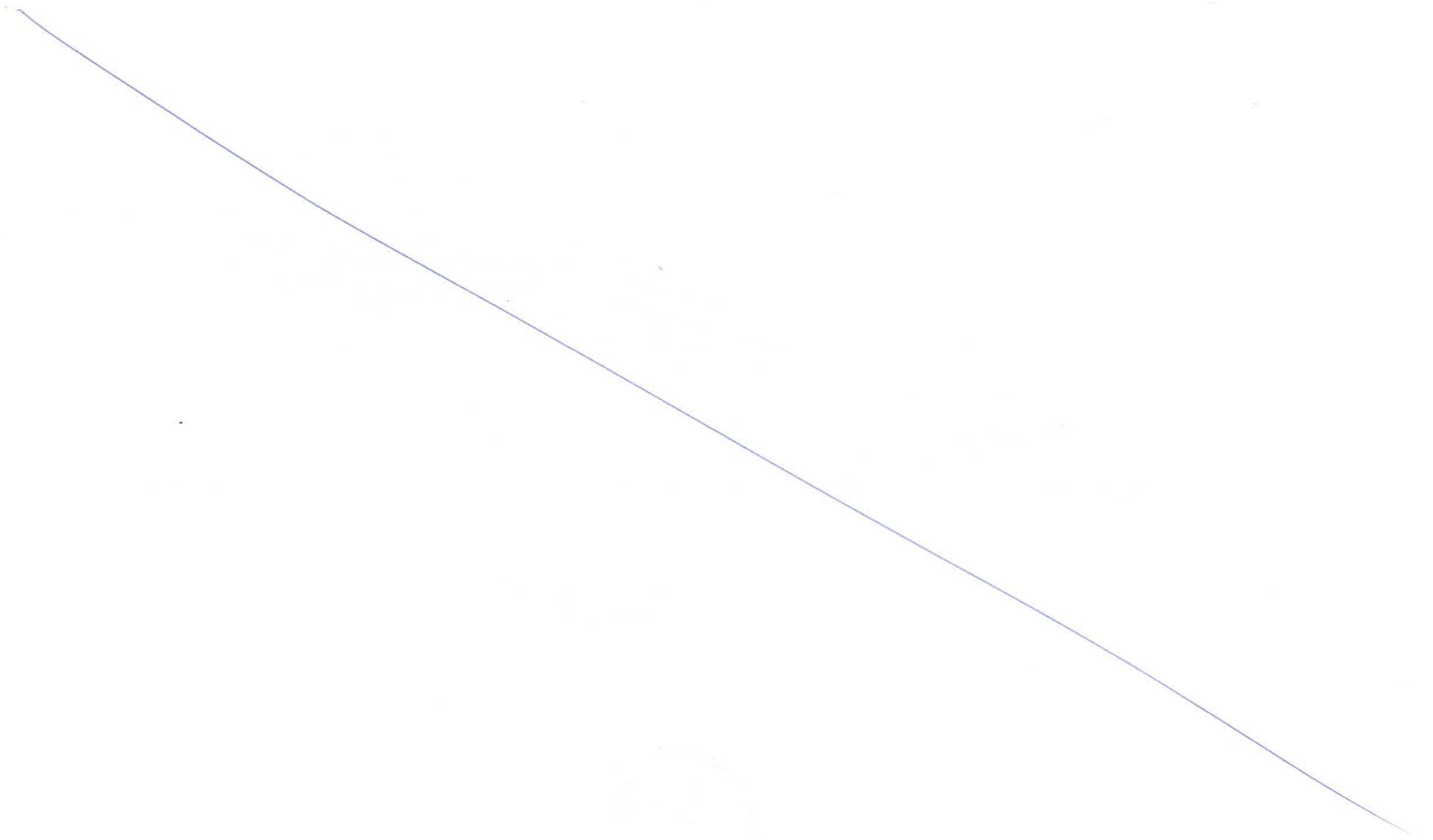
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TENDER DRAWINGS



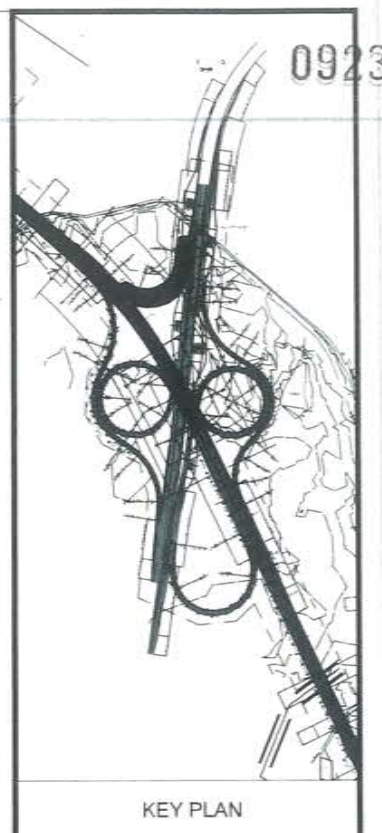
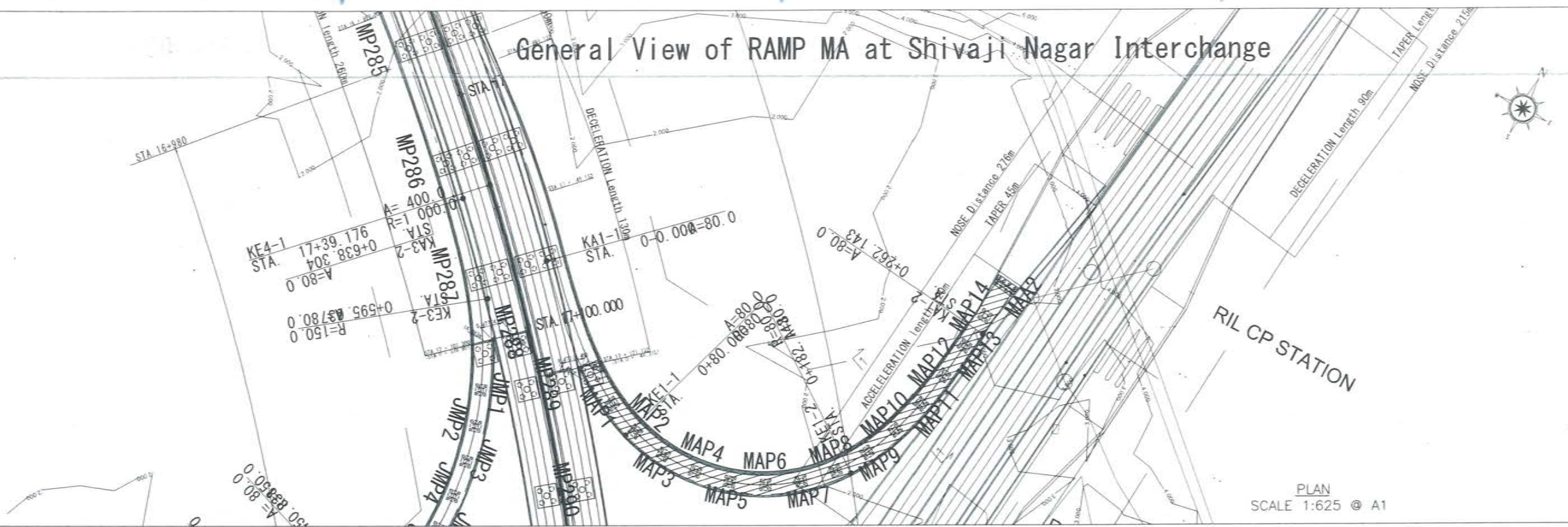
TOUBRO LIMITED
Construction - Chennai

TITLE -		
Plan of Shivaji Nagar Interchange		
DATE	DRAWING NO.	REV.
	B-034	

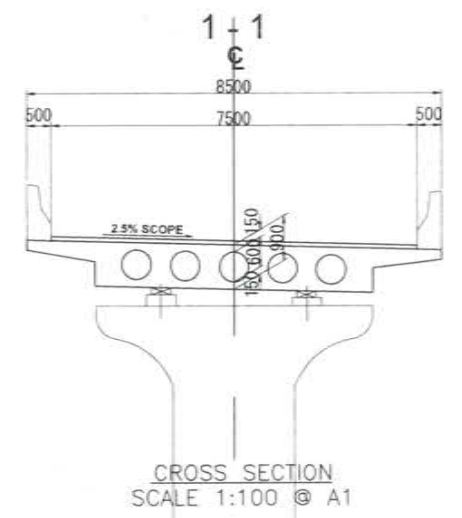
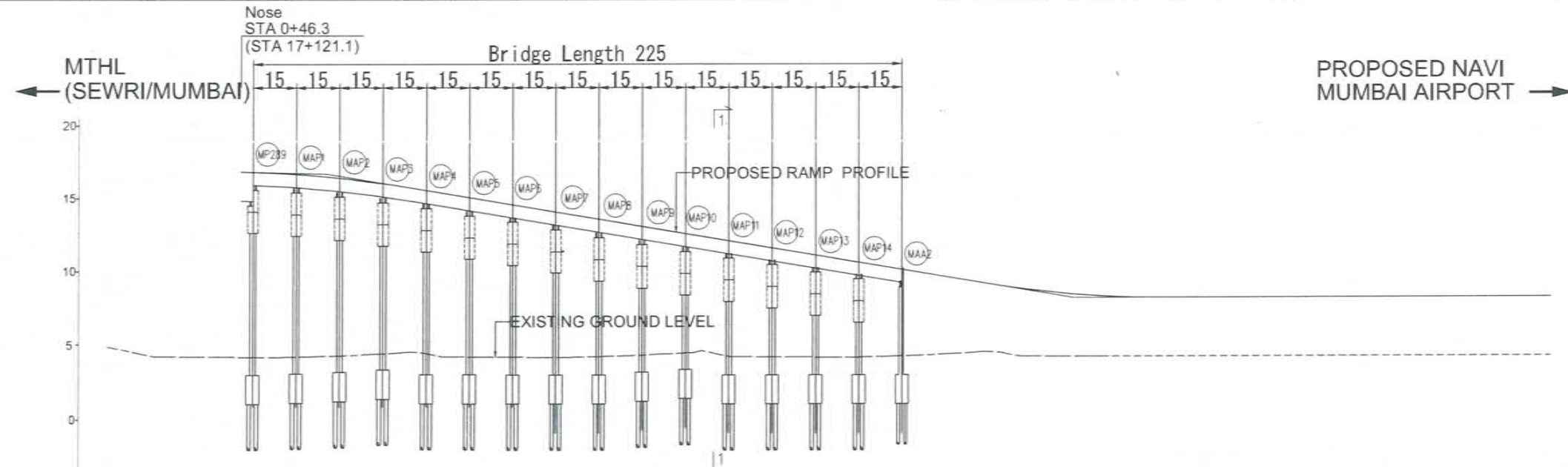


General View of RAMP MA at Shivaji Nagar Interchange

0923



PLAN SCALE 1:625 @ A1



CROSS SECTION SCALE 1:100 @ A1

CHAINAGE	EXISTING GROUND LVL.	FINISH ROAD LVL.
0.000	4.836	16.828
10.000	4.424	16.807
20.000	4.166	16.716
30.000	4.157	16.579
40.000	4.145	16.468
50.000	4.131	16.395
60.000	4.129	16.164
70.000	4.183	15.887
80.000	4.234	15.566
90.000	4.333	15.236
100.000	4.435	14.906
110.000	4.424	14.576
120.000	4.166	14.246
130.000	4.157	13.916
140.000	4.145	13.586
150.000	4.131	13.256
160.000	4.129	12.926
170.000	4.183	12.596
180.000	4.234	12.265
190.000	4.333	11.935
200.000	4.435	11.605
210.000	4.424	11.275
220.000	4.166	10.945
230.000	4.157	10.615
240.000	4.145	10.285
250.000	4.131	9.955
260.000	4.129	9.625
270.000	4.183	9.295
280.000	4.234	8.973
290.000	4.333	8.699
300.000	4.435	8.481
310.000	4.424	8.398
320.000	4.166	8.318
330.000	4.157	8.209
340.000	4.145	8.156
350.000	4.131	8.150
360.000	4.129	8.150
370.000	4.183	8.150
380.000	4.234	8.150
390.000	4.333	8.150
400.000	4.435	8.150
410.000	4.424	8.150
420.000	4.166	8.150
430.000	4.157	8.150
440.000	4.145	8.150
450.000	4.131	8.150
460.000	4.129	8.150
470.000	4.183	8.150
480.000	4.234	8.150
490.000	4.333	8.150
500.000	4.435	8.150

LONGITUDINAL SECTION OF RAMP 'MA' FROM MTHL TO PROPOSED NAVI MUMBAI AIRPORT

PROFILE SCALE 1:625 @ A1

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APPROVED BY	



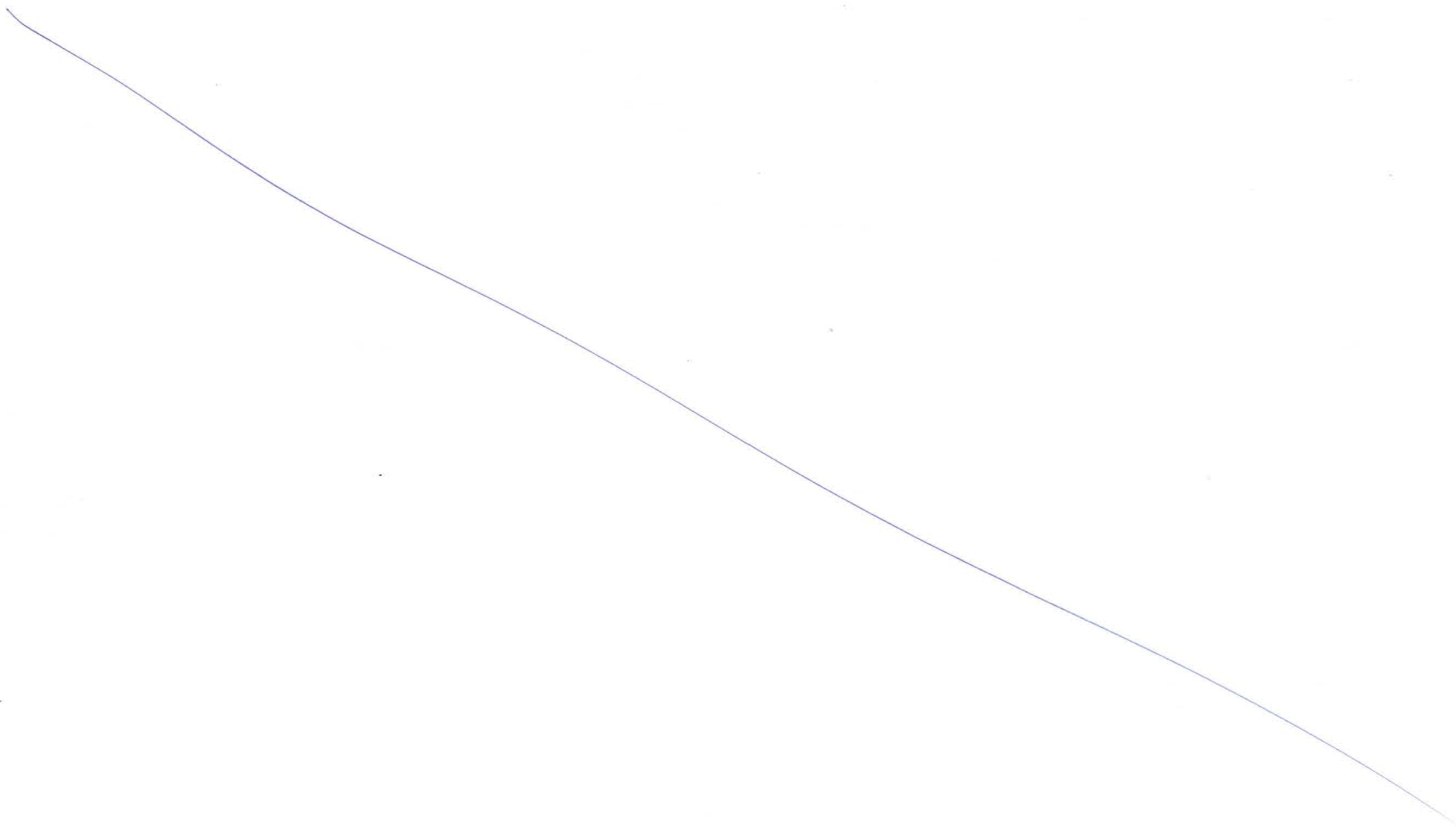
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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



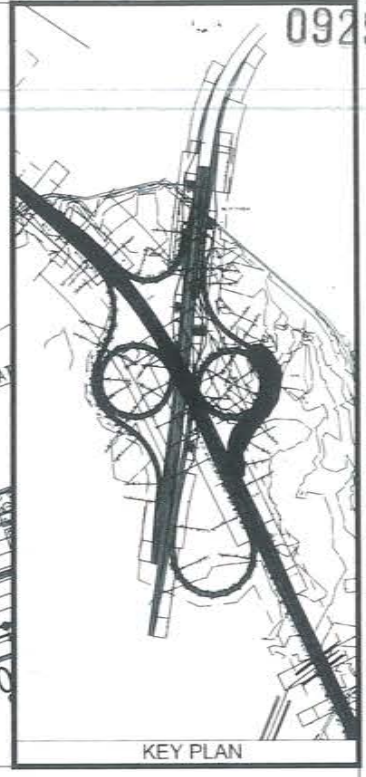
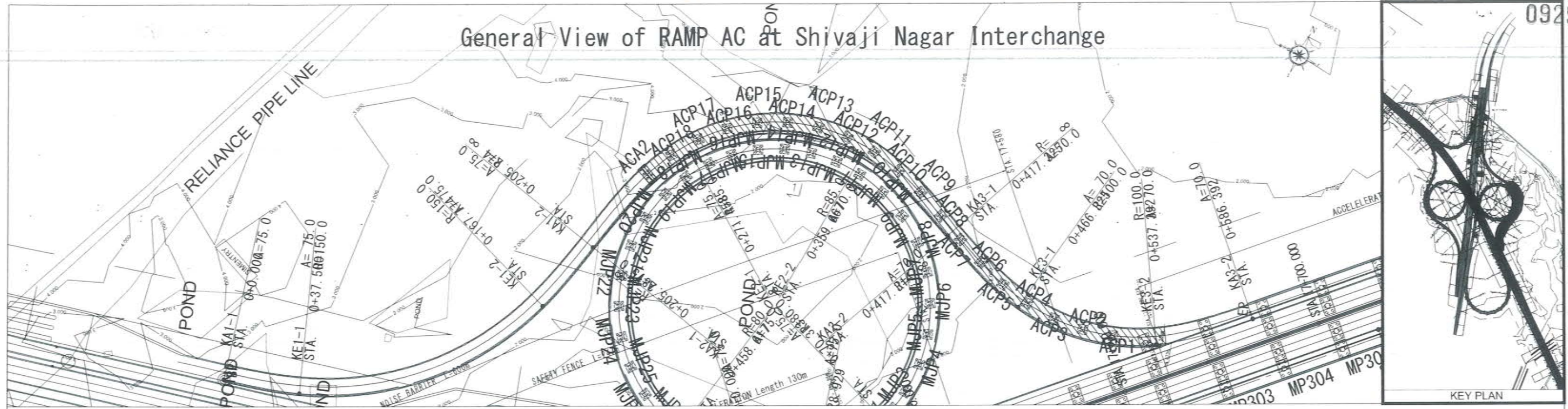
TITLE -		
General View of RAMP MA at Shivaji Nagar Interchange		
DATE	DRAWING NO.	REV.
	B-035	



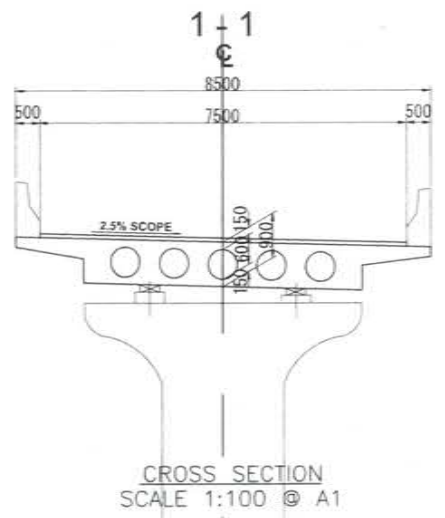
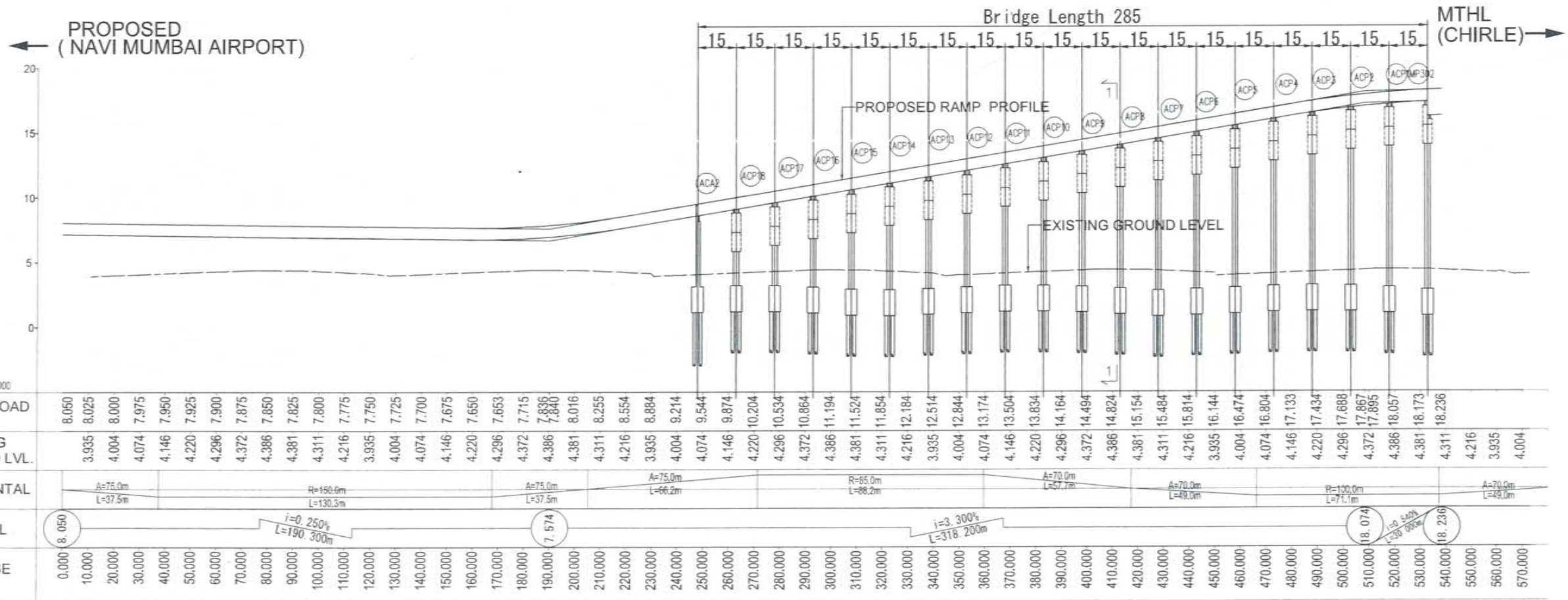
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General View of RAMP AC at Shivaji Nagar Interchange

0925



PLAN
SCALE 1:625 @ A1



CROSS SECTION
SCALE 1:100 @ A1

LONGITUDINAL SECTION OF RAMP AC FROM PROPOSED NAVI MUMBAI AIRPORT TO MTHL CHIRLE
PROFILE

SCALE H=1:625 V=1:250 @ A1

NAME	SIGN
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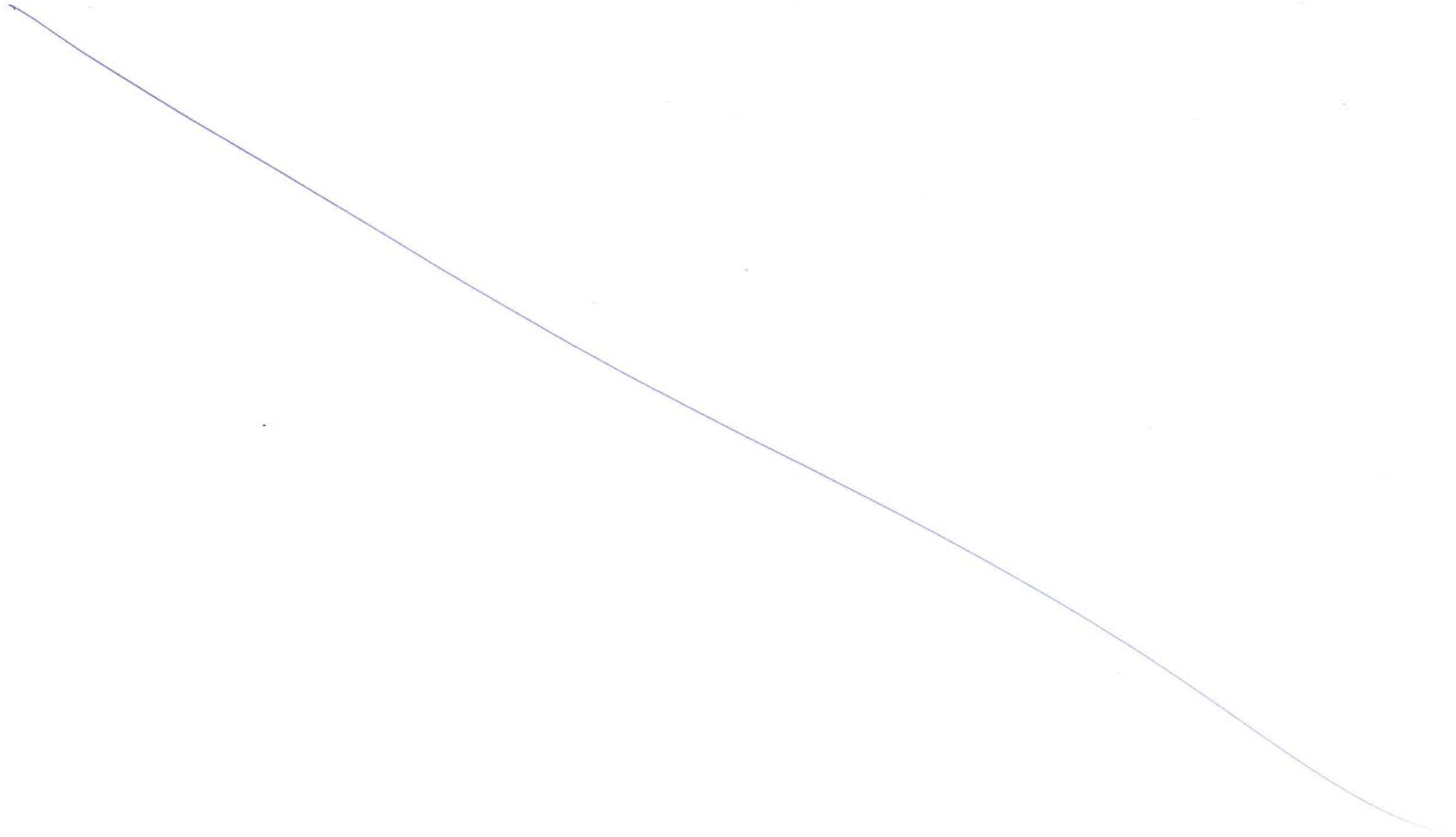
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

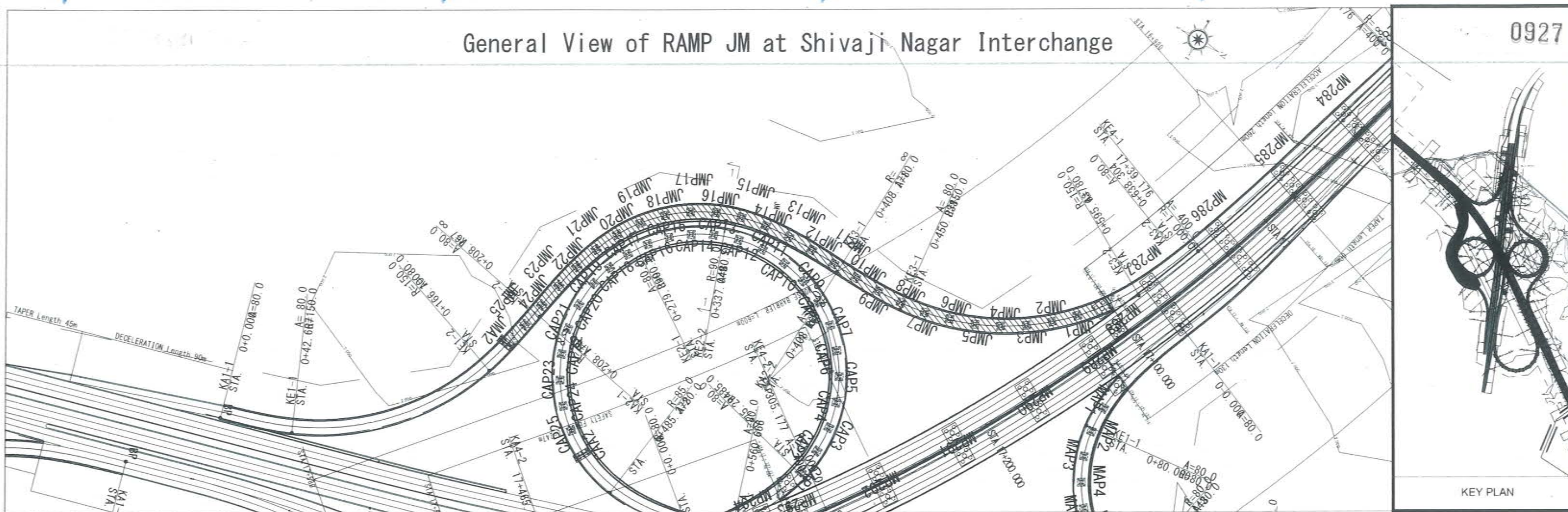


TITLE	General View of RAMP AC at Shivaji Nagar Interchange
DATE	
DRAWING NO.	B-036
REV.	

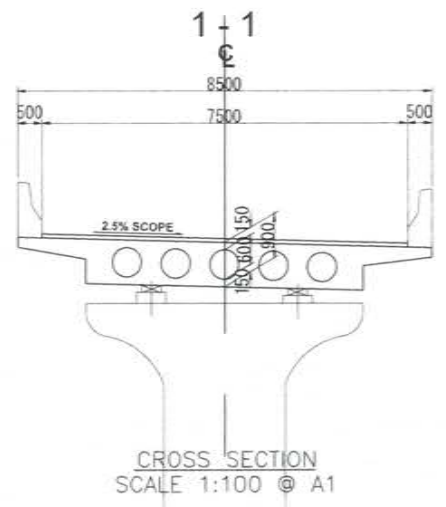
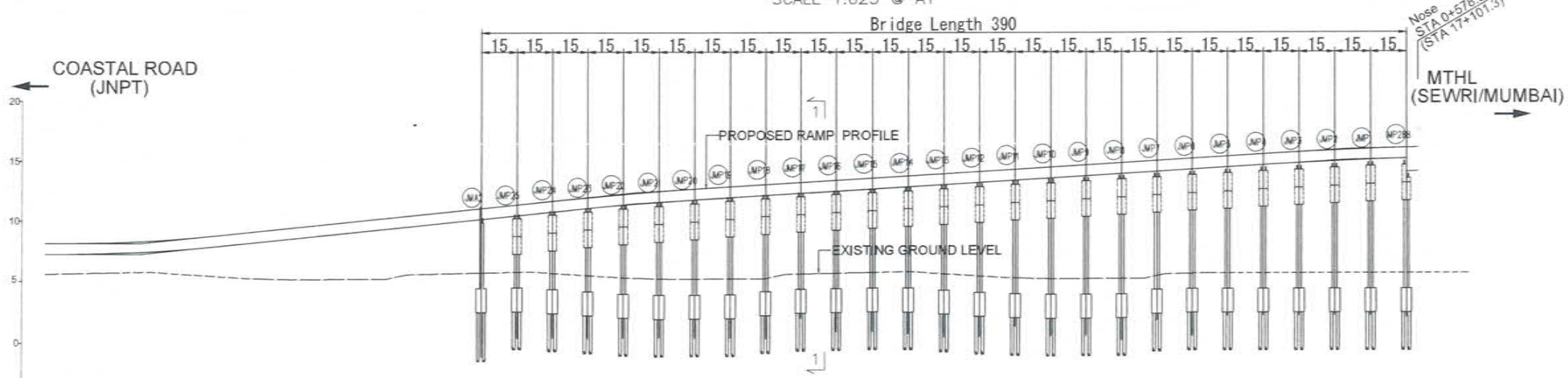


General View of RAMP JM at Shivaji Nagar Interchange

0927



PLAN
SCALE 1:625 @ A1



CROSS SECTION
SCALE 1:100 @ A1

FINISH ROAD LVL.	EXISTING GROUND LVL.	HORIZONTAL	VERTICAL	CHAINAGE
8.150	4.576	A=80.0m L=42.7m	Level L=40.000m	0.000
8.150	4.616	R=150.0m L=125.2m	i=2.00%	10.000
8.167	4.654	A=80.0m L=42.7m	L=200.000m	20.000
8.277	4.692	R=80.0m L=21.5m	i=1.200%	30.000
8.301	4.731	A=80.0m L=42.7m	L=300.000m	40.000
8.418	4.683	R=80.0m L=21.5m	i=1.200%	50.000
8.569	4.558	A=80.0m L=42.7m	L=300.000m	60.000
8.752	4.430	R=150.0m L=125.2m	i=2.00%	70.000
8.953	4.299	A=80.0m L=42.7m	L=300.000m	80.000
9.154	4.208	R=80.0m L=21.5m	i=1.200%	90.000
9.355	4.146	A=80.0m L=42.7m	L=300.000m	100.000
9.556	4.129	R=80.0m L=21.5m	i=1.200%	110.000
9.757	4.144	A=80.0m L=42.7m	L=300.000m	120.000
9.957	4.156	R=80.0m L=21.5m	i=1.200%	130.000
10.158	4.166	A=80.0m L=42.7m	L=300.000m	140.000
10.359	4.530	R=150.0m L=125.2m	i=2.00%	150.000
10.560	4.576	A=80.0m L=42.7m	L=300.000m	160.000
10.761	4.616	R=80.0m L=21.5m	i=1.200%	170.000
10.961	4.654	A=80.0m L=42.7m	L=300.000m	180.000
11.162	4.692	R=80.0m L=21.5m	i=1.200%	190.000
11.363	4.731	A=80.0m L=42.7m	L=300.000m	200.000
11.564	4.683	R=80.0m L=21.5m	i=1.200%	210.000
11.765	4.558	A=80.0m L=42.7m	L=300.000m	220.000
11.967	4.430	R=150.0m L=125.2m	i=2.00%	230.000
12.168	4.299	A=80.0m L=42.7m	L=300.000m	240.000
12.369	4.208	R=80.0m L=21.5m	i=1.200%	250.000
12.570	4.146	A=80.0m L=42.7m	L=300.000m	260.000
12.771	4.129	R=80.0m L=21.5m	i=1.200%	270.000
12.972	4.144	A=80.0m L=42.7m	L=300.000m	280.000
13.173	4.156	R=80.0m L=21.5m	i=1.200%	290.000
13.374	4.166	A=80.0m L=42.7m	L=300.000m	300.000
13.575	4.530	R=150.0m L=125.2m	i=2.00%	310.000
13.776	4.576	A=80.0m L=42.7m	L=300.000m	320.000
13.977	4.616	R=80.0m L=21.5m	i=1.200%	330.000
14.178	4.654	A=80.0m L=42.7m	L=300.000m	340.000
14.379	4.692	R=80.0m L=21.5m	i=1.200%	350.000
14.580	4.731	A=80.0m L=42.7m	L=300.000m	360.000
14.781	4.683	R=80.0m L=21.5m	i=1.200%	370.000
14.982	4.558	A=80.0m L=42.7m	L=300.000m	380.000
15.183	4.430	R=150.0m L=125.2m	i=2.00%	390.000
15.384	4.299	A=80.0m L=42.7m	L=300.000m	400.000
15.585	4.208	R=80.0m L=21.5m	i=1.200%	410.000
15.786	4.146	A=80.0m L=42.7m	L=300.000m	420.000
15.987	4.129	R=80.0m L=21.5m	i=1.200%	430.000
16.188	4.144	A=80.0m L=42.7m	L=300.000m	440.000
16.389	4.156	R=80.0m L=21.5m	i=1.200%	450.000
16.590	4.166	A=80.0m L=42.7m	L=300.000m	460.000
16.791	4.530	R=150.0m L=125.2m	i=2.00%	470.000
16.992	4.576	A=80.0m L=42.7m	L=300.000m	480.000
17.193	4.616	R=80.0m L=21.5m	i=1.200%	490.000
17.394	4.654	A=80.0m L=42.7m	L=300.000m	500.000
17.595	4.692	R=80.0m L=21.5m	i=1.200%	510.000
17.796	4.731	A=80.0m L=42.7m	L=300.000m	520.000
17.997	4.683	R=80.0m L=21.5m	i=1.200%	530.000
18.198	4.558	A=80.0m L=42.7m	L=300.000m	540.000
18.399	4.430	R=150.0m L=125.2m	i=2.00%	550.000
18.600	4.299	A=80.0m L=42.7m	L=300.000m	560.000
18.801	4.208	R=80.0m L=21.5m	i=1.200%	570.000
19.002	4.146	A=80.0m L=42.7m	L=300.000m	580.000
19.203	4.129	R=80.0m L=21.5m	i=1.200%	590.000
19.404	4.144	A=80.0m L=42.7m	L=300.000m	600.000
19.605	4.156	R=80.0m L=21.5m	i=1.200%	610.000
19.806	4.166	A=80.0m L=42.7m	L=300.000m	620.000
20.007	4.530	R=150.0m L=125.2m	i=2.00%	630.000
20.208	4.576	A=80.0m L=42.7m	L=300.000m	640.000
20.409	4.616	R=80.0m L=21.5m	i=1.200%	650.000
20.610	4.654	A=80.0m L=42.7m	L=300.000m	660.000
20.811	4.692	R=80.0m L=21.5m	i=1.200%	670.000
21.012	4.731	A=80.0m L=42.7m	L=300.000m	680.000
21.213	4.683	R=80.0m L=21.5m	i=1.200%	690.000
21.414	4.558	A=80.0m L=42.7m	L=300.000m	700.000
21.615	4.430	R=150.0m L=125.2m	i=2.00%	710.000
21.816	4.299	A=80.0m L=42.7m	L=300.000m	720.000
22.017	4.208	R=80.0m L=21.5m	i=1.200%	730.000
22.218	4.146	A=80.0m L=42.7m	L=300.000m	740.000
22.419	4.129	R=80.0m L=21.5m	i=1.200%	750.000
22.620	4.144	A=80.0m L=42.7m	L=300.000m	760.000
22.821	4.156	R=80.0m L=21.5m	i=1.200%	770.000
23.022	4.166	A=80.0m L=42.7m	L=300.000m	780.000
23.223	4.530	R=150.0m L=125.2m	i=2.00%	790.000
23.424	4.576	A=80.0m L=42.7m	L=300.000m	800.000
23.625	4.616	R=80.0m L=21.5m	i=1.200%	810.000
23.826	4.654	A=80.0m L=42.7m	L=300.000m	820.000
24.027	4.692	R=80.0m L=21.5m	i=1.200%	830.000
24.228	4.731	A=80.0m L=42.7m	L=300.000m	840.000
24.429	4.683	R=80.0m L=21.5m	i=1.200%	850.000
24.630	4.558	A=80.0m L=42.7m	L=300.000m	860.000
24.831	4.430	R=150.0m L=125.2m	i=2.00%	870.000
25.032	4.299	A=80.0m L=42.7m	L=300.000m	880.000
25.233	4.208	R=80.0m L=21.5m	i=1.200%	890.000
25.434	4.146	A=80.0m L=42.7m	L=300.000m	900.000
25.635	4.129	R=80.0m L=21.5m	i=1.200%	910.000
25.836	4.144	A=80.0m L=42.7m	L=300.000m	920.000
26.037	4.156	R=80.0m L=21.5m	i=1.200%	930.000
26.238	4.166	A=80.0m L=42.7m	L=300.000m	940.000
26.439	4.530	R=150.0m L=125.2m	i=2.00%	950.000
26.640	4.576	A=80.0m L=42.7m	L=300.000m	960.000
26.841	4.616	R=80.0m L=21.5m	i=1.200%	970.000
27.042	4.654	A=80.0m L=42.7m	L=300.000m	980.000
27.243	4.692	R=80.0m L=21.5m	i=1.200%	990.000
27.444	4.731	A=80.0m L=42.7m	L=300.000m	1000.000

LONGITUDINAL SECTION OF RAMP 'JM' FROM JNPT TO MTHL MUMBAI

PROFILE
SCALE H=1:625 V=1:250 @ A1

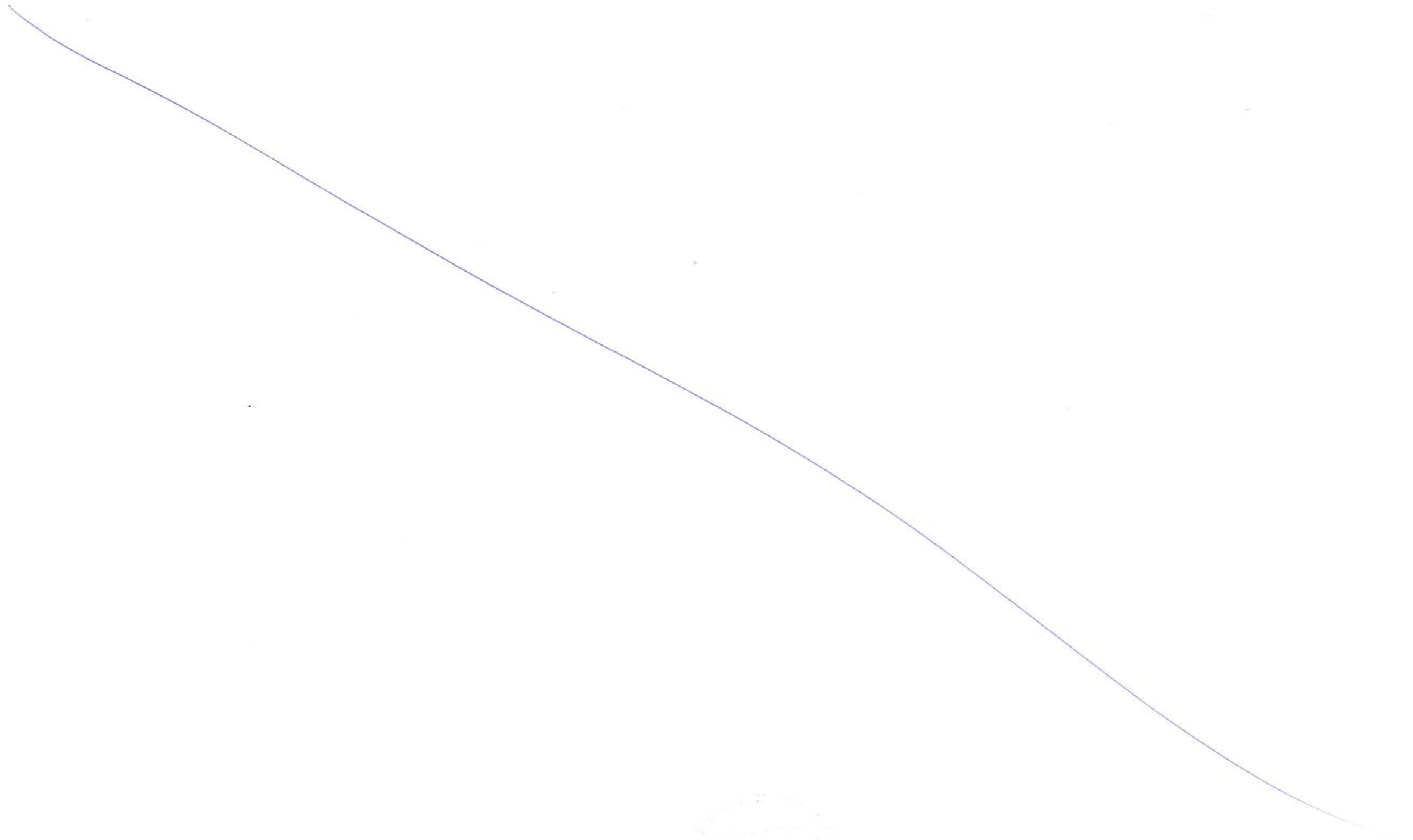
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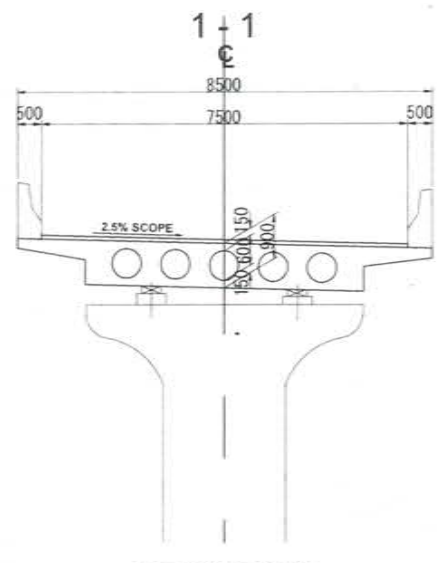
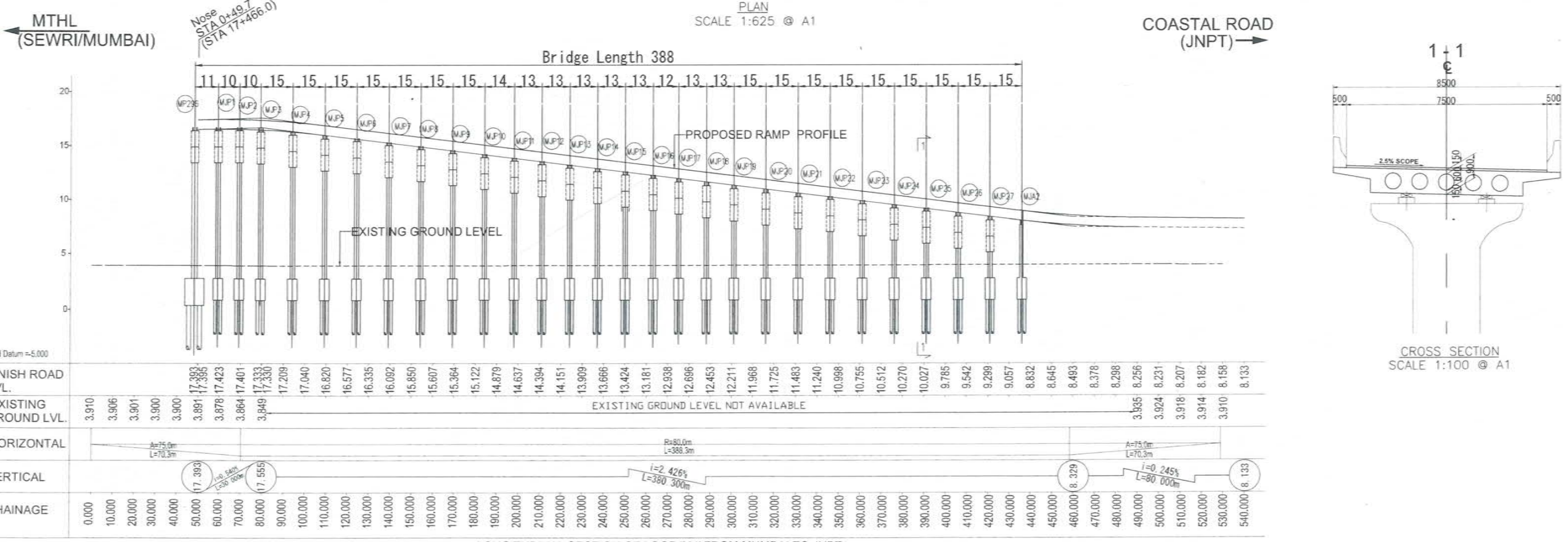
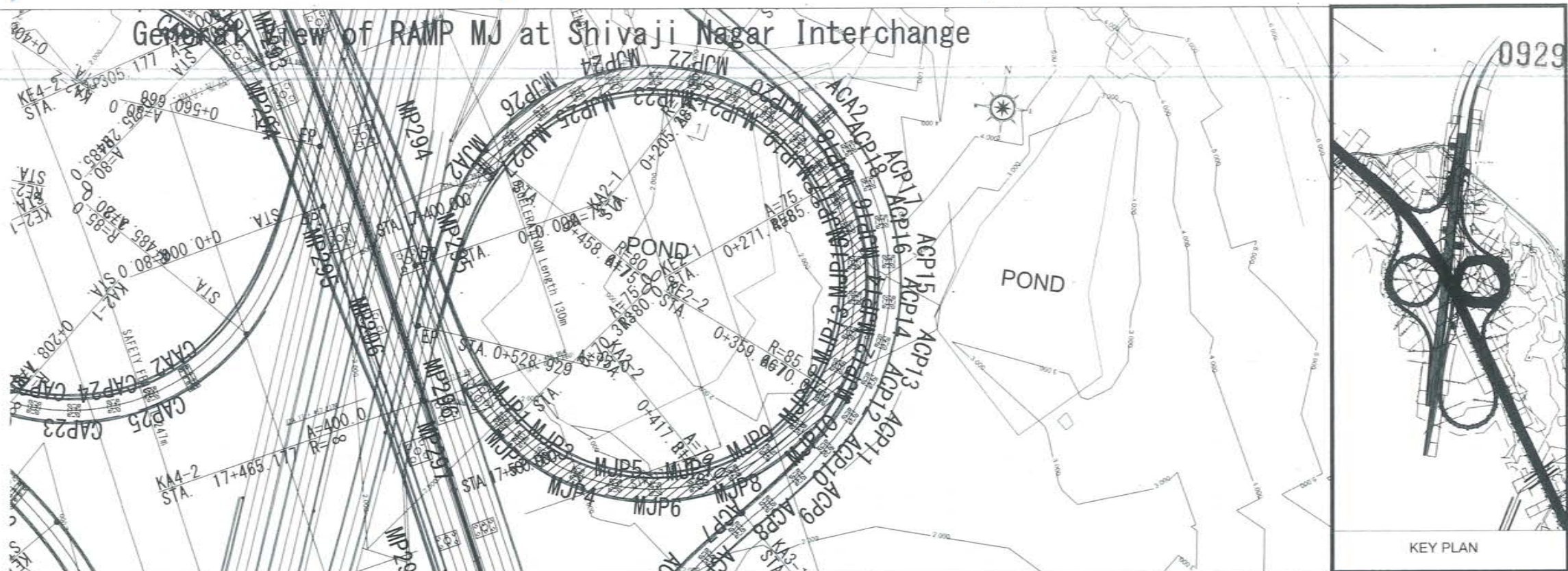


MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS



TITLE - General View of RAMP JM at Shivaji Nagar Interchange	DATE	DRAWING NO. B-037	REV.
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MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

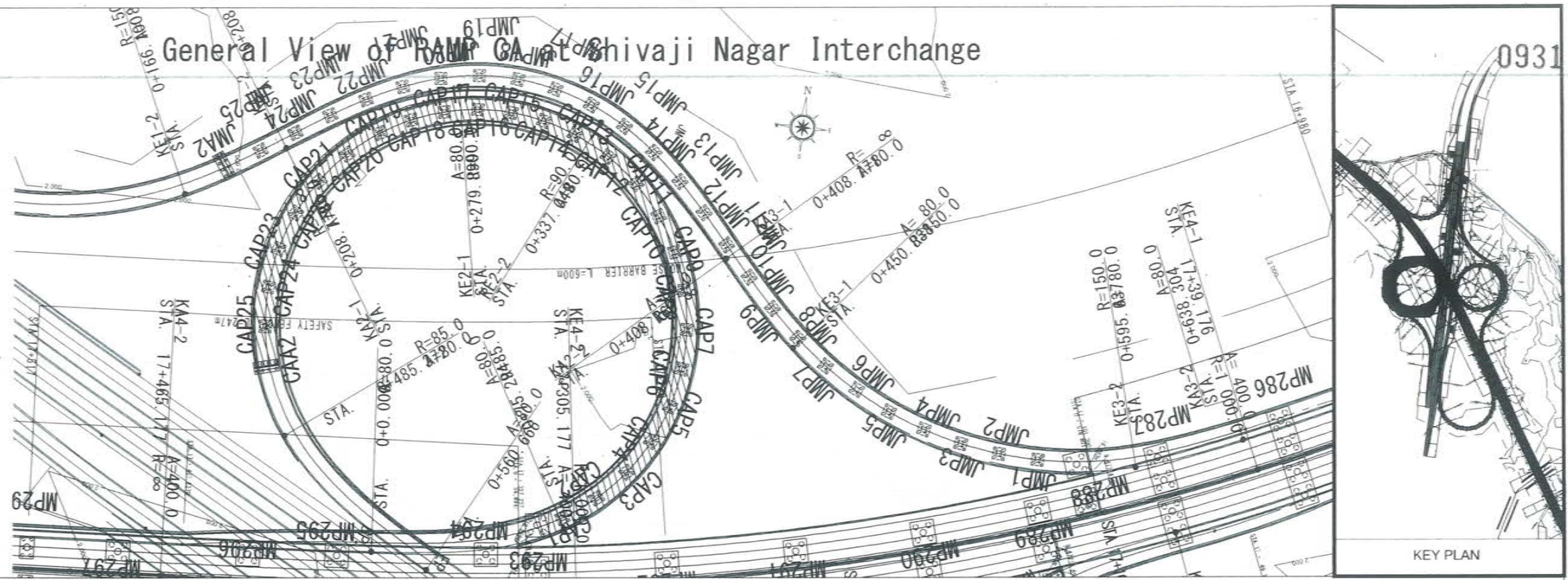


TITLE - General View of RAMP MJ at Shivaji Nagar Interchange		
DATE	DRAWING NO. B-038	REV.

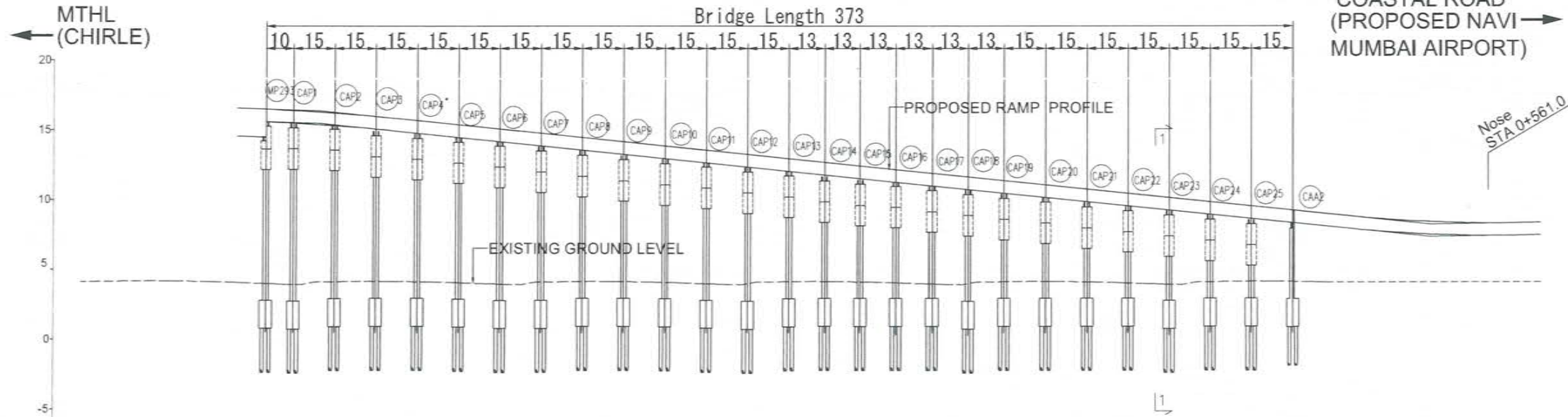
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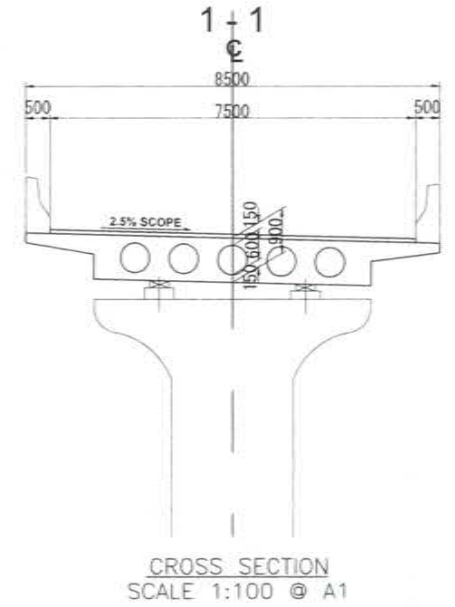
PLAN SCALE 1:625 @ A1



CHAINAGE	EXISTING GROUND LVL.	FINISH ROAD LVL.
0.000	4.112	
10.000	4.141	
20.000	4.166	
30.000	4.172	
40.000	4.153	
50.000	4.116	16.559
60.000	4.051	16.541
70.000	3.990	16.467
80.000	3.933	16.368
90.000	4.141	16.296
100.000	4.166	16.245
110.000	4.172	16.097
120.000	4.153	15.924
130.000	4.116	15.728
140.000	4.051	15.525
150.000	3.990	15.323
160.000	3.933	15.121
170.000	4.141	14.919
180.000	4.166	14.716
190.000	4.172	14.514
200.000	4.153	14.312
210.000	4.116	14.110
220.000	4.051	13.908
230.000	3.990	13.705
240.000	3.933	13.503
250.000	4.141	13.301
260.000	4.166	13.099
270.000	4.172	12.896
280.000	4.153	12.694
290.000	4.116	12.492
300.000	4.051	12.290
310.000	3.990	12.087
320.000	3.933	11.885
330.000	4.141	11.683
340.000	4.166	11.481
350.000	4.172	11.278
360.000	4.153	11.076
370.000	4.116	10.874
380.000	4.051	10.672
390.000	3.990	10.470
400.000	3.933	10.267
410.000	4.141	10.065
420.000	4.166	9.863
430.000	4.172	9.661
440.000	4.153	9.458
450.000	4.116	9.256
460.000	4.051	9.054
470.000	3.990	8.852
480.000	3.933	8.650
490.000	4.141	8.448
500.000	4.166	8.246
510.000	4.172	8.044
520.000	4.153	7.842
530.000	4.116	7.640

LONGITUDINAL SECTION OF 'CA' FROM CHIRLE TO NAVI MUMBAI AIRPORT PROFILE

SCALE H=1:625 V=1:250 @ A1



CROSS SECTION SCALE 1:100 @ A1

NAME	SIGN
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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

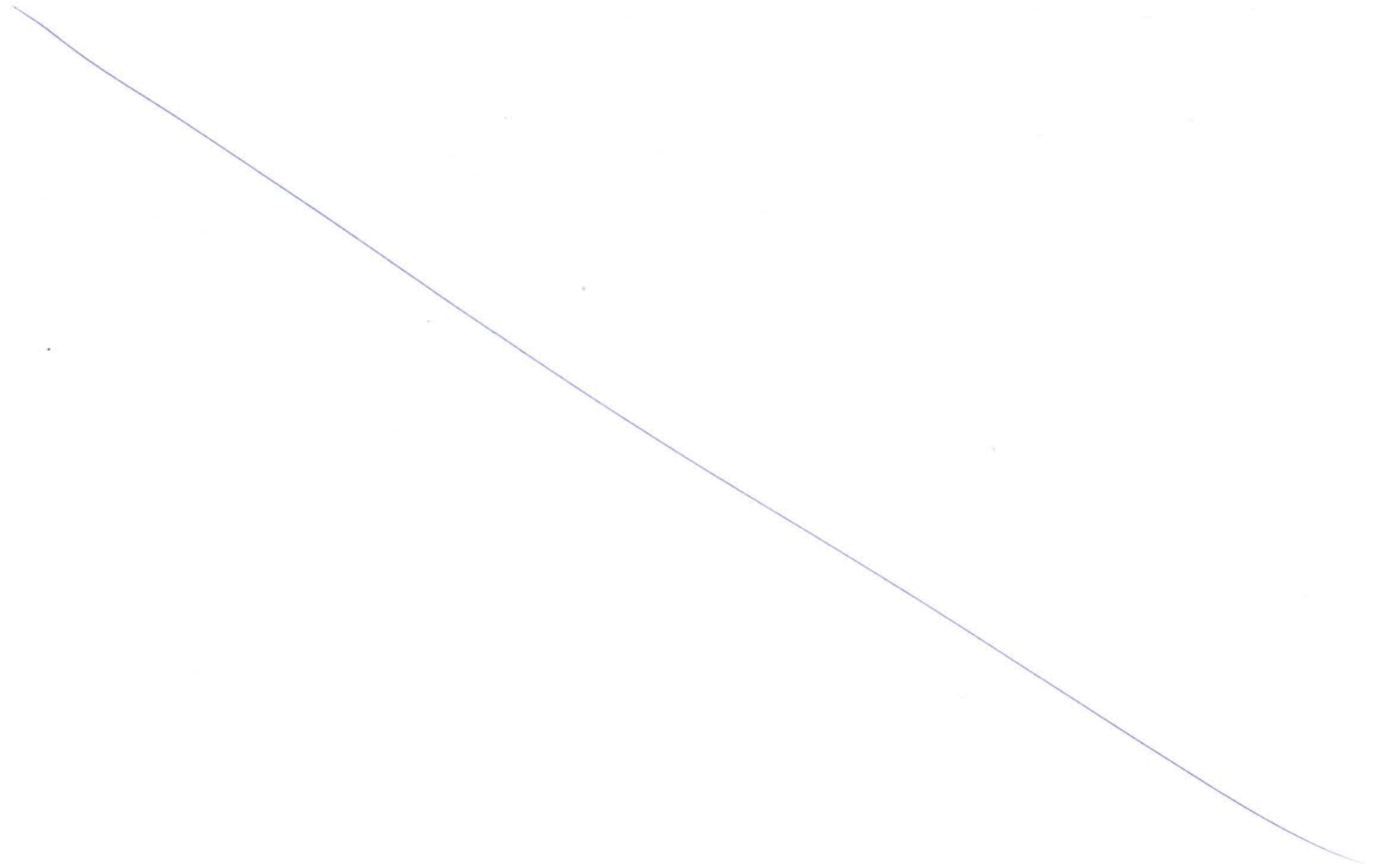


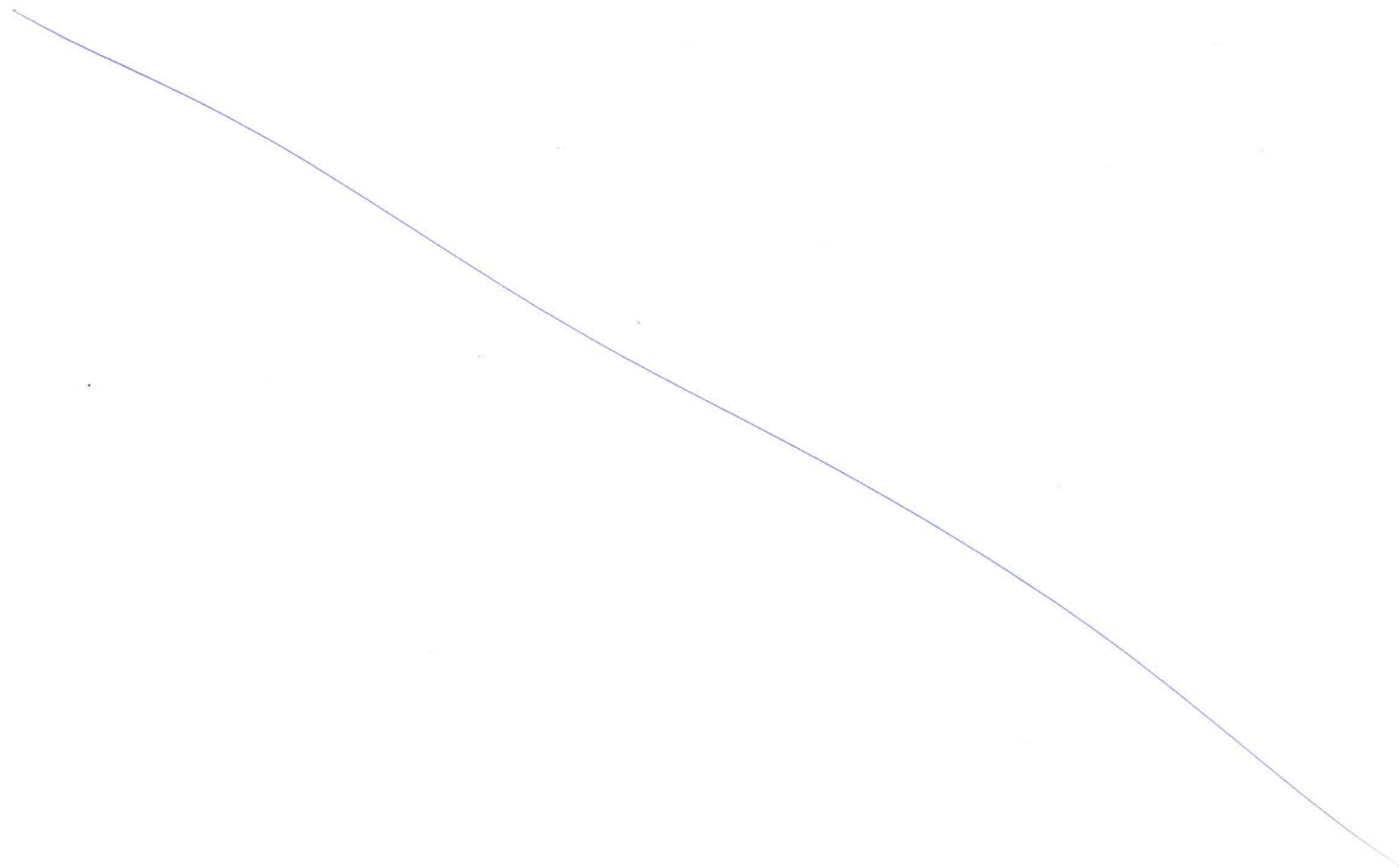
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



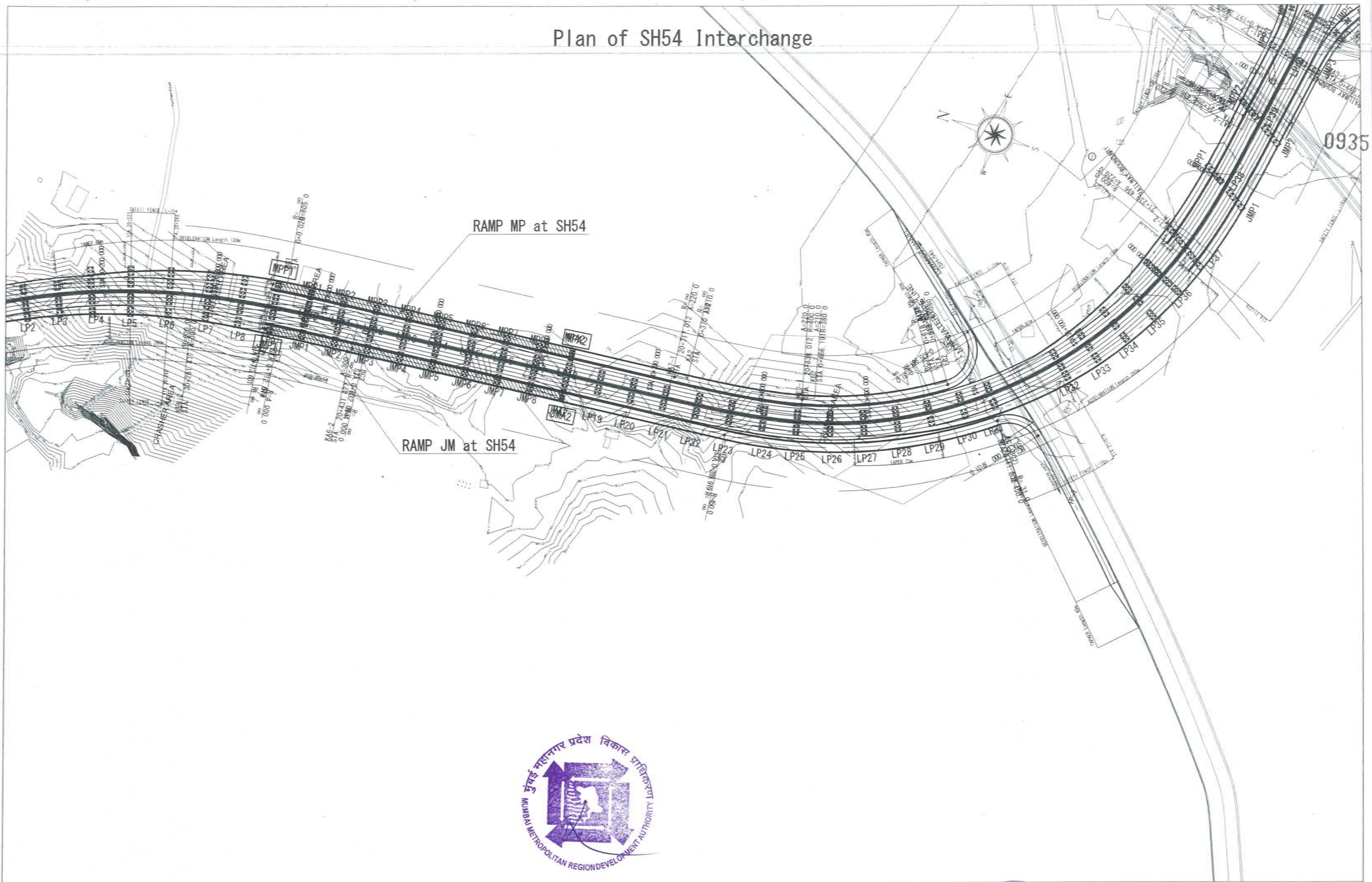
TITLE -
General View of RAMP CA
at Shivaji Nagar Interchange

DATE	DRAWING NO. B-039	REV
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Plan of SH54 Interchange



0935



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PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**



TITLE -

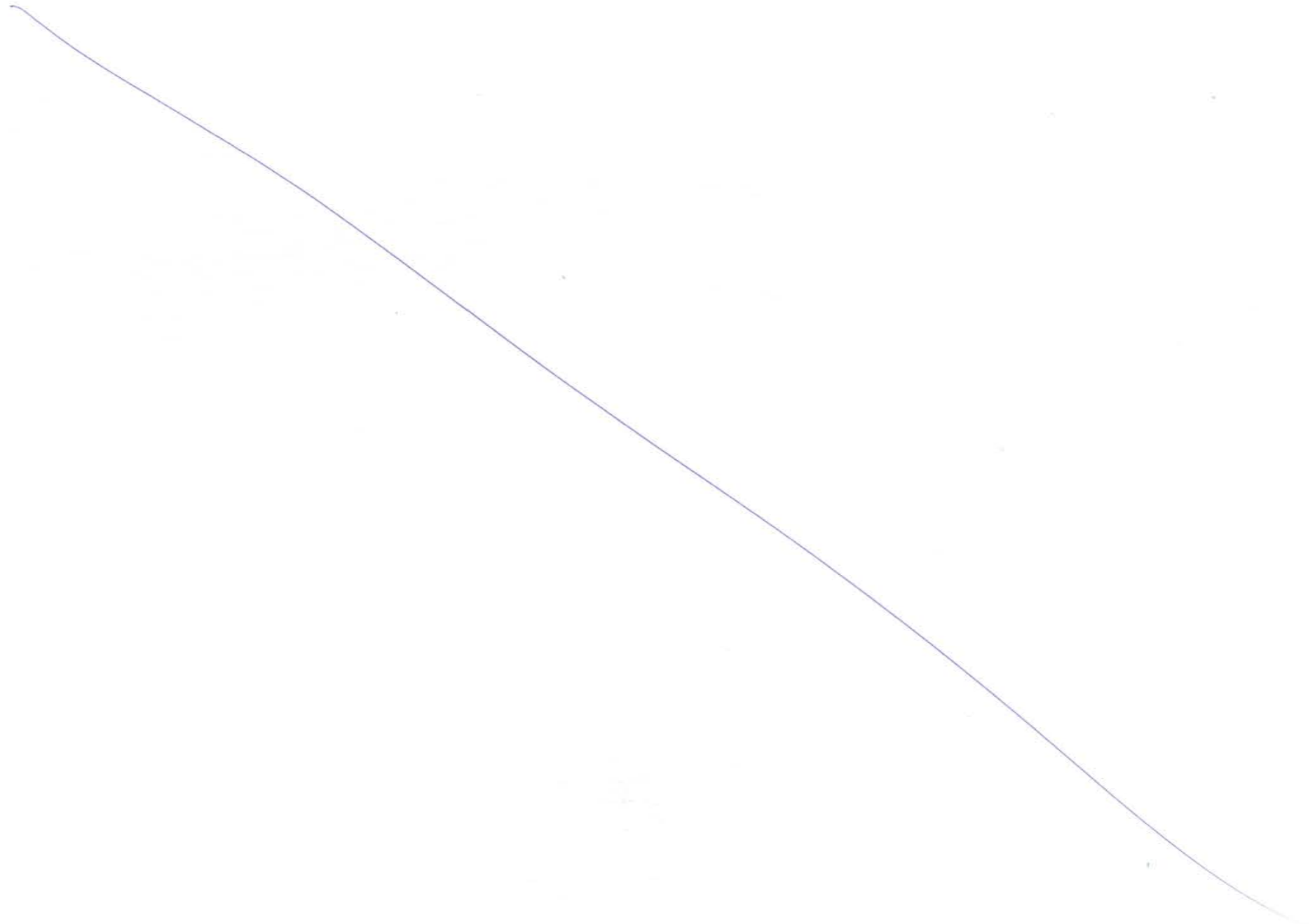
Plan of SH54 Interchange

DATE

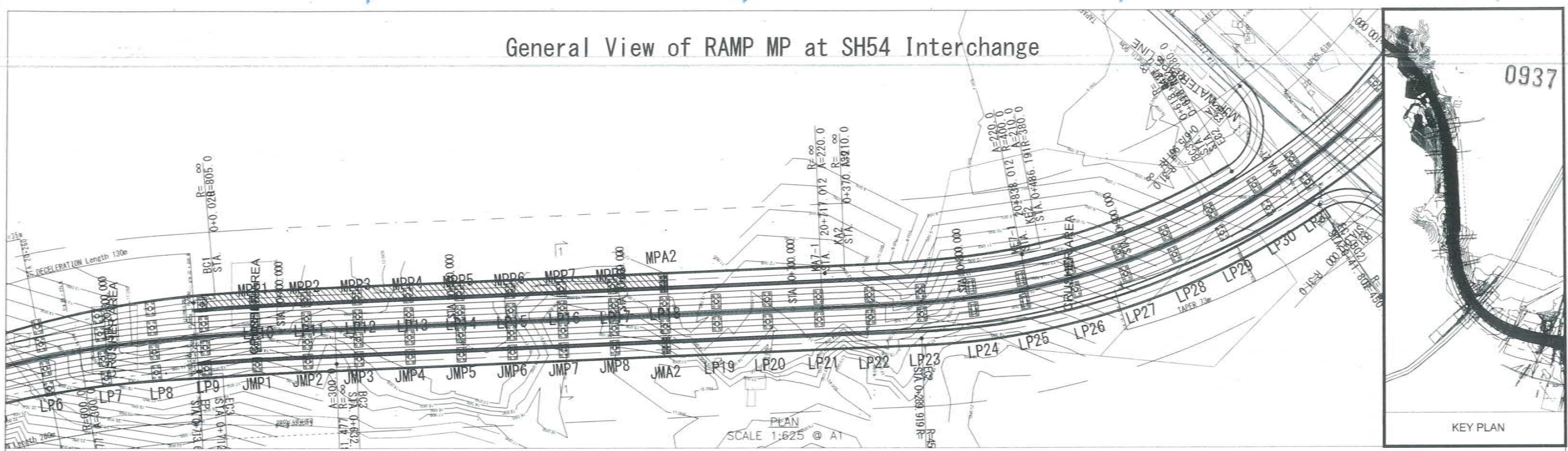
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B-041

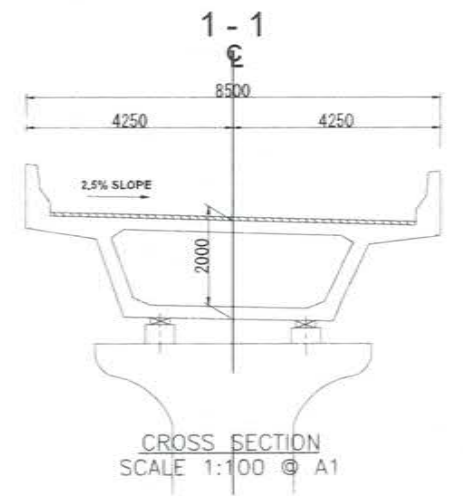
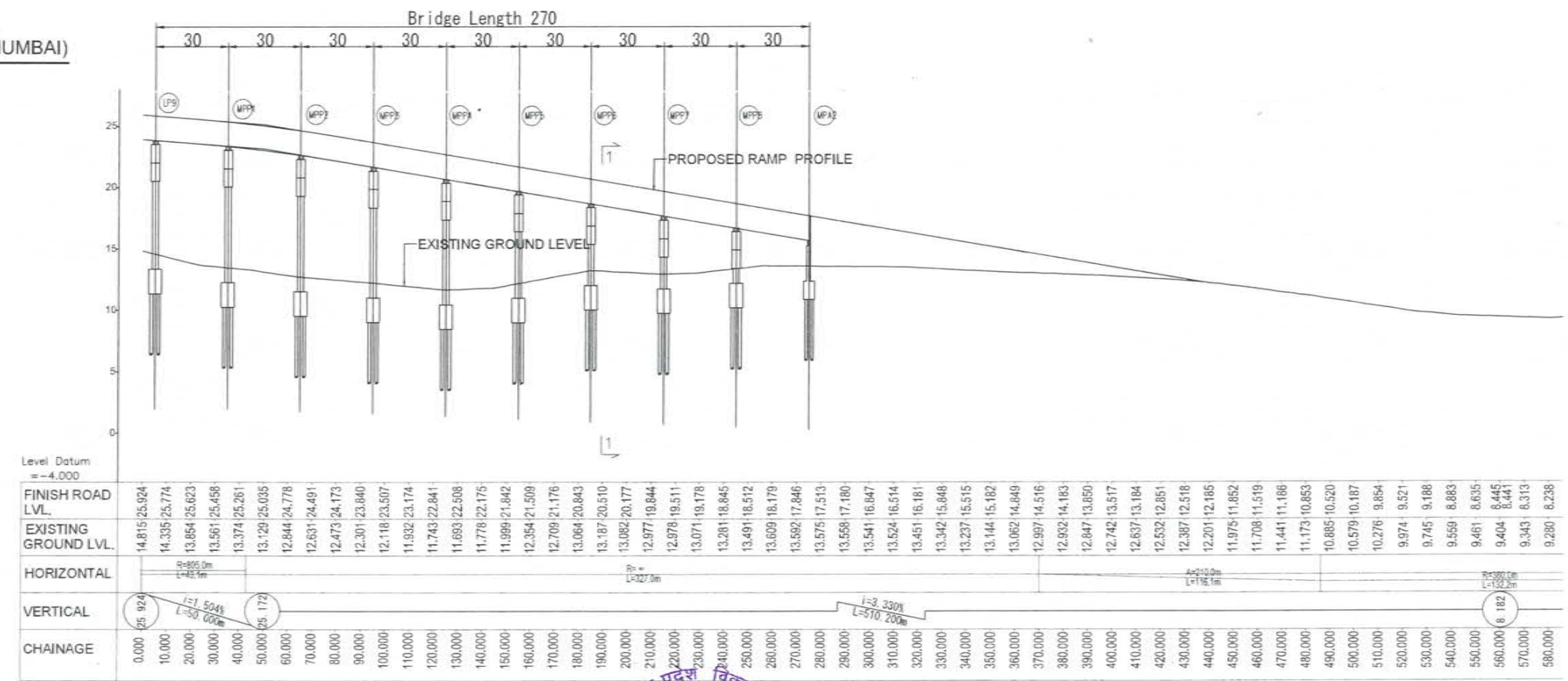
REV.



General View of RAMP MP at SH54 Interchange



MTHL
(SEWRI/MUMBAI)



LONGITUDINAL SECTION OF RAMP 'MP' FROM MUMBAI TO PANVEL

PROFILE
SCALE H=1:625 V=250 @ A1

NAME	SEGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



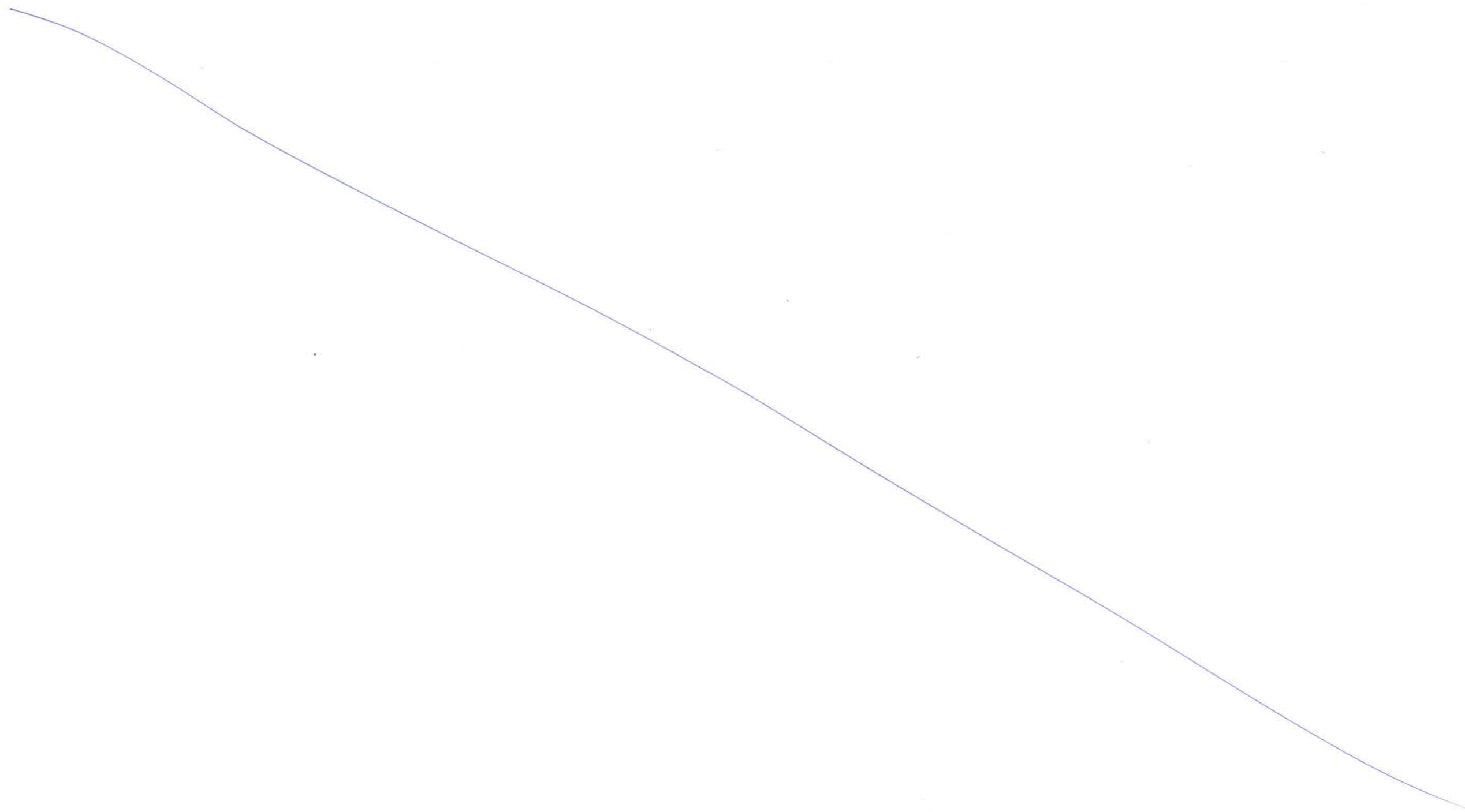
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY



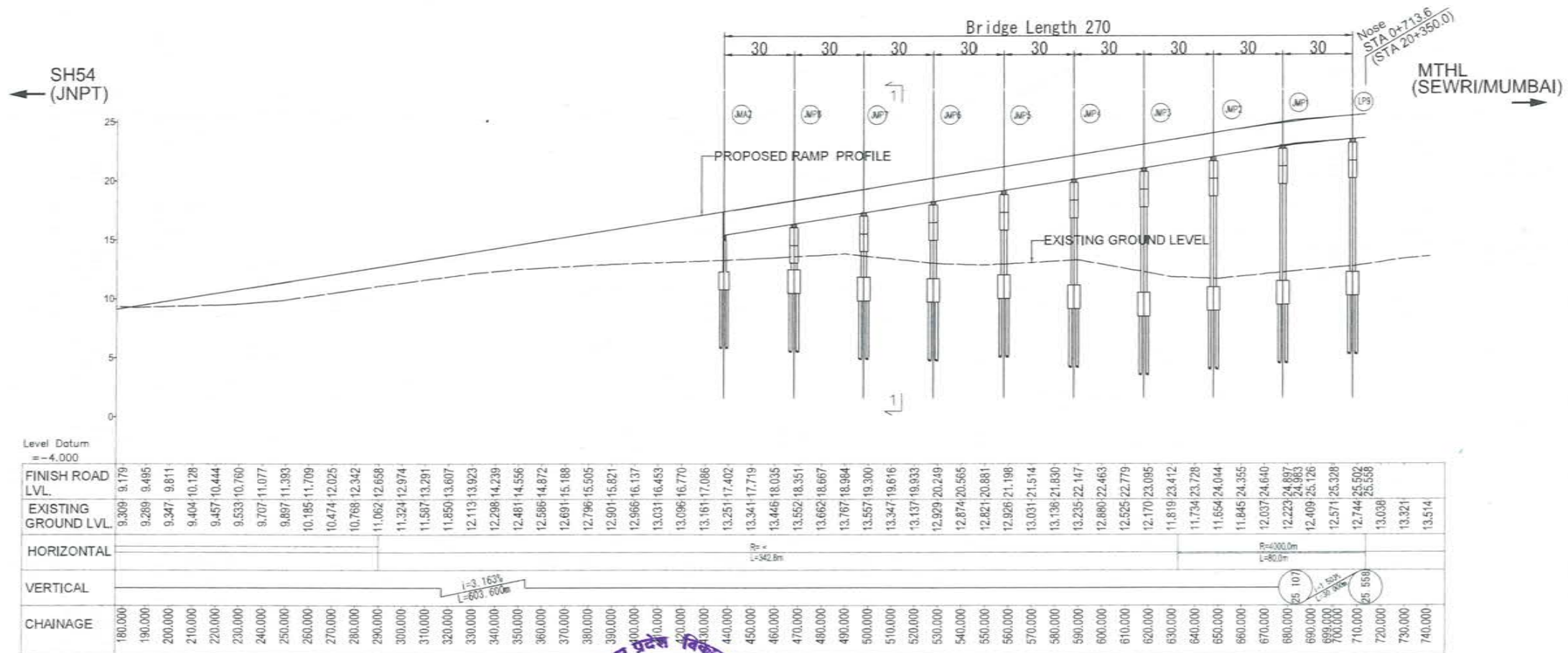
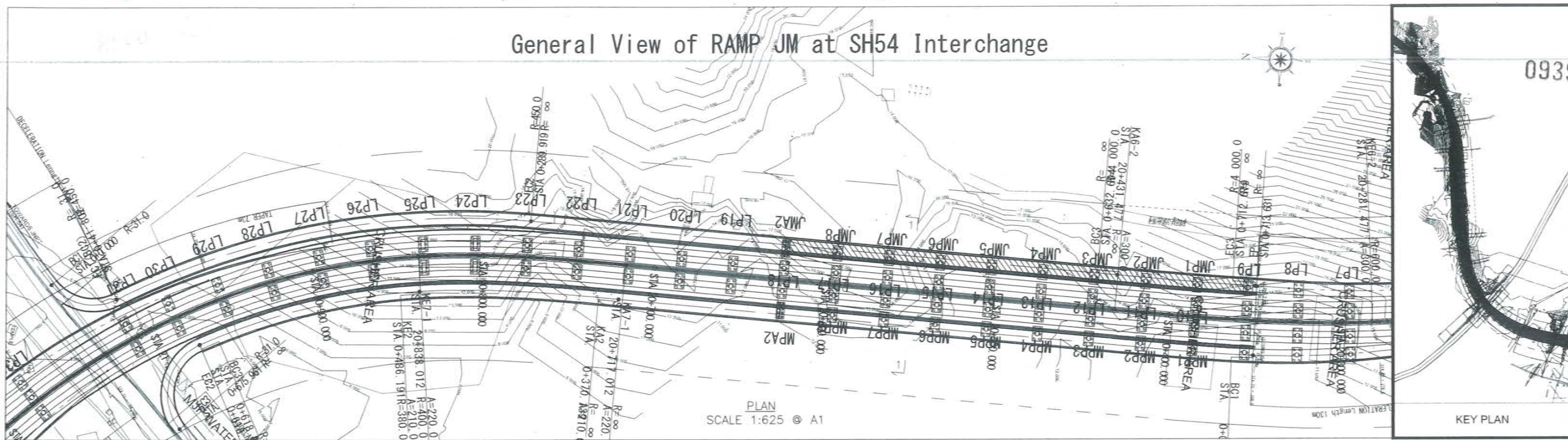
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



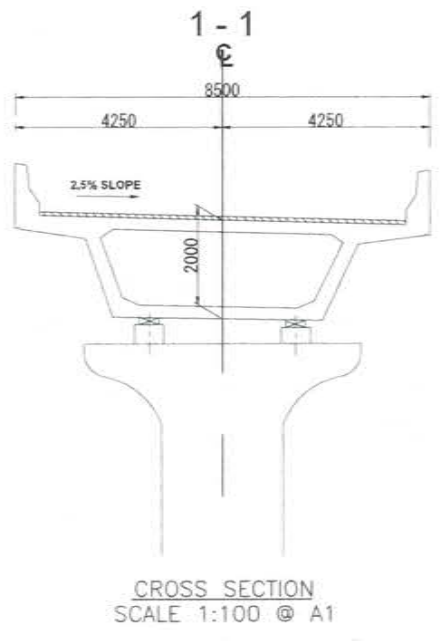
TITLE - General View of RAMP MP at SH54 Interchange		
DATE	DRAWING NO. B-042	REV.



General View of RAMP JM at SH54 Interchange



CHAINAGE	180.000	190.000	200.000	210.000	220.000	230.000	240.000	250.000	260.000	270.000	280.000	290.000	300.000	310.000	320.000	330.000	340.000	350.000	360.000	370.000	380.000	390.000	400.000	410.000	420.000	430.000	440.000	450.000	460.000	470.000	480.000	490.000	500.000	510.000	520.000	530.000	540.000	550.000	560.000	570.000	580.000	590.000	600.000	610.000	620.000	630.000	640.000	650.000	660.000	670.000	680.000	690.000	700.000	710.000	720.000	730.000	740.000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
FINISH ROAD LVL.	9.309	9.479	9.649	9.819	9.989	10.159	10.329	10.499	10.669	10.839	11.009	11.179	11.349	11.519	11.689	11.859	12.029	12.199	12.369	12.539	12.709	12.879	13.049	13.219	13.389	13.559	13.729	13.899	14.069	14.239	14.409	14.579	14.749	14.919	15.089	15.259	15.429	15.599	15.769	15.939	16.109	16.279	16.449	16.619	16.789	16.959	17.129	17.299	17.469	17.639	17.809	17.979	18.149	18.319	18.489	18.659	18.829	18.999	19.169	19.339	19.509	19.679	19.849	20.019	20.189	20.359	20.529	20.699	20.869	21.039	21.209	21.379	21.549	21.719	21.889	22.059	22.229	22.399	22.569	22.739	22.909	23.079	23.249	23.419	23.589	23.759	23.929	24.099	24.269	24.439	24.609	24.779	24.949	25.119	25.289	25.459	25.629	25.799	25.969	26.139	26.309	26.479	26.649	26.819	26.989	27.159	27.329	27.499	27.669	27.839	28.009	28.179	28.349	28.519	28.689	28.859	29.029	29.199	29.369	29.539	29.709	29.879	30.049	30.219	30.389	30.559	30.729	30.899	31.069	31.239	31.409	31.579	31.749	31.919	32.089	32.259	32.429	32.599	32.769	32.939	33.109	33.279	33.449	33.619	33.789	33.959	34.129	34.299	34.469	34.639	34.809	34.979	35.149	35.319	35.489	35.659	35.829	35.999	36.169	36.339	36.509	36.679	36.849	37.019	37.189	37.359	37.529	37.699	37.869	38.039	38.209	38.379	38.549	38.719	38.889	39.059	39.229	39.399	39.569	39.739	39.909	40.079	40.249	40.419	40.589	40.759	40.929	41.099	41.269	41.439	41.609	41.779	41.949	42.119	42.289	42.459	42.629	42.799	42.969	43.139	43.309	43.479	43.649	43.819	43.989	44.159	44.329	44.499	44.669	44.839	45.009	45.179	45.349	45.519	45.689	45.859	46.029	46.199	46.369	46.539	46.709	46.879	47.049	47.219	47.389	47.559	47.729	47.899	48.069	48.239	48.409	48.579	48.749	48.919	49.089	49.259	49.429	49.599	49.769	49.939	50.109	50.279	50.449	50.619	50.789	50.959	51.129	51.299	51.469	51.639	51.809	51.979	52.149	52.319	52.489	52.659	52.829	52.999	53.169	53.339	53.509	53.679	53.849	54.019	54.189	54.359	54.529	54.699	54.869	55.039	55.209	55.379	55.549	55.719	55.889	56.059	56.229	56.399	56.569	56.739	56.909	57.079	57.249	57.419	57.589	57.759	57.929	58.099	58.269	58.439	58.609	58.779	58.949	59.119	59.289	59.459	59.629	59.799	59.969	60.139	60.309	60.479	60.649	60.819	60.989	61.159	61.329	61.499	61.669	61.839	62.009	62.179	62.349	62.519	62.689	62.859	63.029	63.199	63.369	63.539	63.709	63.879	64.049	64.219	64.389	64.559	64.729	64.899	65.069	65.239	65.409	65.579	65.749	65.919	66.089	66.259	66.429	66.599	66.769	66.939	67.109	67.279	67.449	67.619	67.789	67.959	68.129	68.299	68.469	68.639	68.809	68.979	69.149	69.319	69.489	69.659	69.829	69.999	70.169	70.339	70.509	70.679	70.849	71.019	71.189	71.359	71.529	71.699	71.869	72.039	72.209	72.379	72.549	72.719	72.889	73.059	73.229	73.399	73.569	73.739	73.909	74.079	74.249	74.419	74.589	74.759	74.929	75.099	75.269	75.439	75.609	75.779	75.949	76.119	76.289	76.459	76.629	76.799	76.969	77.139	77.309	77.479	77.649	77.819	77.989	78.159	78.329	78.499	78.669	78.839	79.009	79.179	79.349	79.519	79.689	79.859	80.029	80.199	80.369	80.539	80.709	80.879	81.049	81.219	81.389	81.559	81.729	81.899	82.069	82.239	82.409	82.579	82.749	82.919	83.089	83.259	83.429	83.599	83.769	83.939	84.109	84.279	84.449	84.619	84.789	84.959	85.129	85.299	85.469	85.639	85.809	85.979	86.149	86.319	86.489	86.659	86.829	86.999	87.169	87.339	87.509	87.679	87.849	88.019	88.189	88.359	88.529	88.699	88.869	89.039	89.209	89.379	89.549	89.719	89.889	90.059	90.229	90.399	90.569	90.739	90.909	91.079	91.249	91.419	91.589	91.759	91.929	92.099	92.269	92.439	92.609	92.779	92.949	93.119	93.289	93.459	93.629	93.799	93.969	94.139	94.309	94.479	94.649	94.819	94.989	95.159	95.329	95.499	95.669	95.839	96.009	96.179	96.349	96.519	96.689	96.859	97.029	97.199	97.369	97.539	97.709	97.879	98.049	98.219	98.389	98.559	98.729	98.899	99.069	99.239	99.409	99.579	99.749	99.919
EXISTING GROUND LVL.	9.309	9.289	9.485	9.347	9.811	9.404	10.128	9.457	10.444	9.533	10.760	9.707	11.077	9.897	11.393	10.185	11.709	10.474	12.025	10.788	12.342	11.062	12.638	11.324	12.974	11.587	13.291	11.850	13.607	12.113	13.923	12.298	14.239	12.481	14.556	12.586	14.872	12.691	15.188	12.796	15.505	12.901	15.821	12.966	16.137	13.031	16.453	13.096	16.770	13.161	17.086	13.251	17.402	13.341	17.719	13.446	18.035	13.552	18.351	13.662	18.667	13.767	18.984	13.877	19.300	13.947	19.616	13.137	19.933	12.929	20.249	12.874	20.565	12.821	20.881	12.926	21.198	13.031	21.514	13.136	21.830	13.235	22.147	12.880	22.463	12.925	22.779	12.170	23.095	11.819	23.412	11.734	23.728	11.654	24.044	11.845	24.355	12.037	24.640	12.223	24.897	12.409	25.126	12.571	25.328	12.744	25.502	13.038	13.321	13.514																																																																																																																																																																																																																																																																																																																																																																																																																																								
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LONGITUDINAL SECTION OF RAMP 'JM'
PROFILE
LE = 1:625 V = 1:250 @ A1

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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY



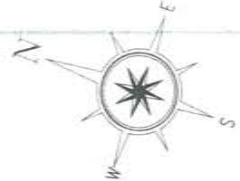
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE	DATE	DRAWING NO.	REV.
General View of RAMP JM at SH54 Interchange		B-043	



Plan of Chirle Interchange



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DEVELOPMENT AUTHORITY

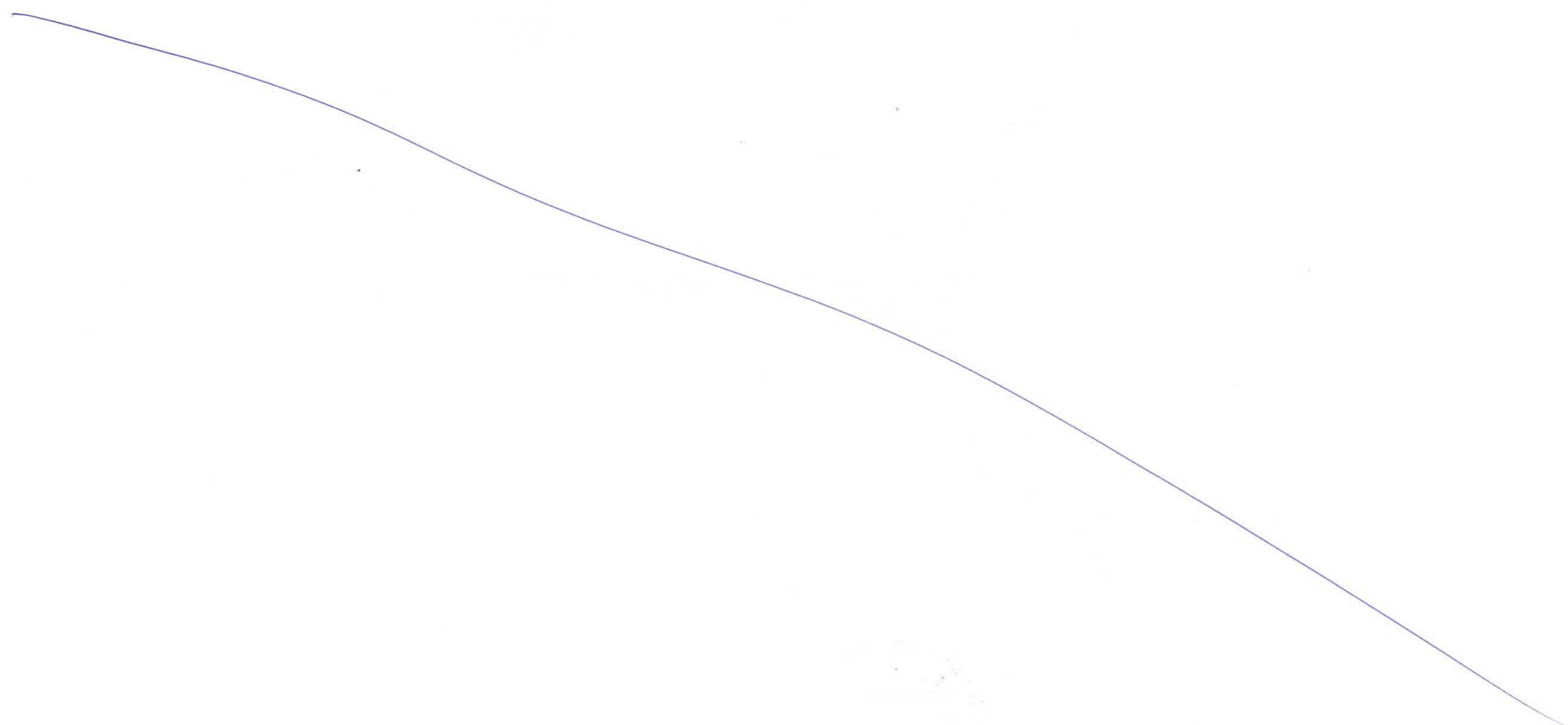
PROJECT -



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

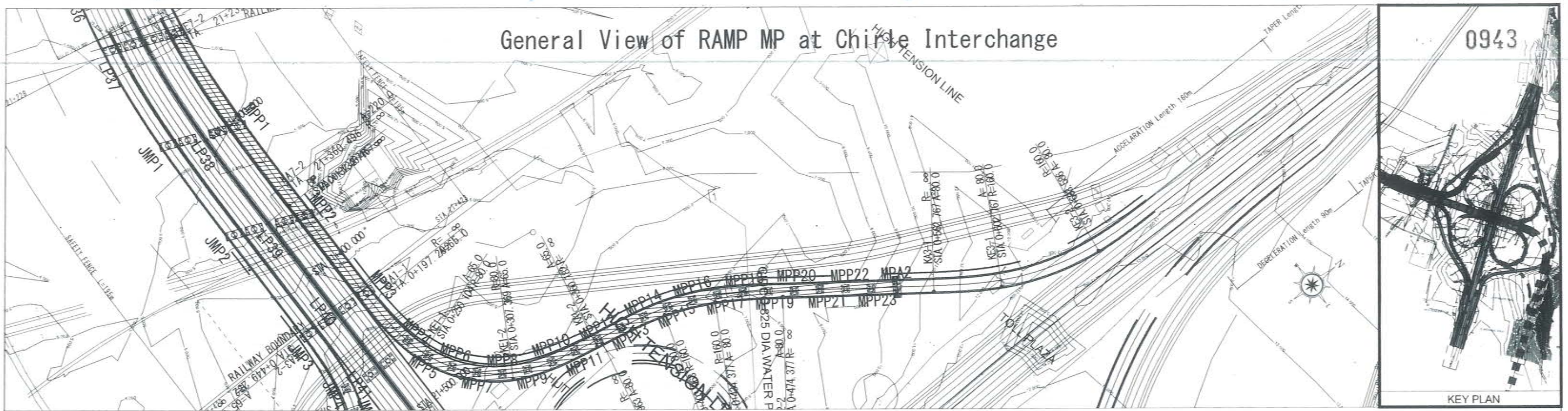


TITLE -	DATE	DRAWING NO.	REV.
Plan of Chirle Interchange		B-044	



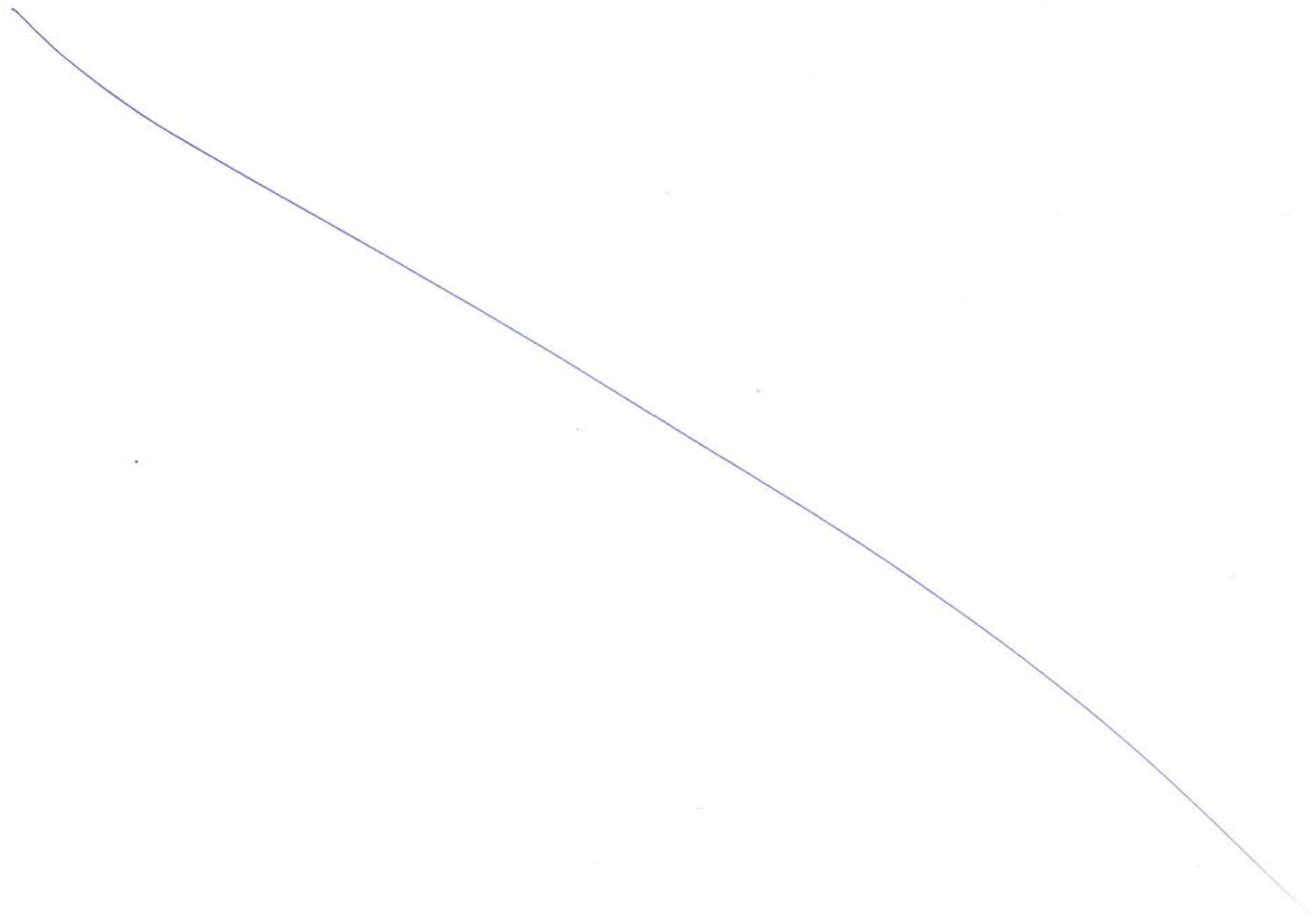
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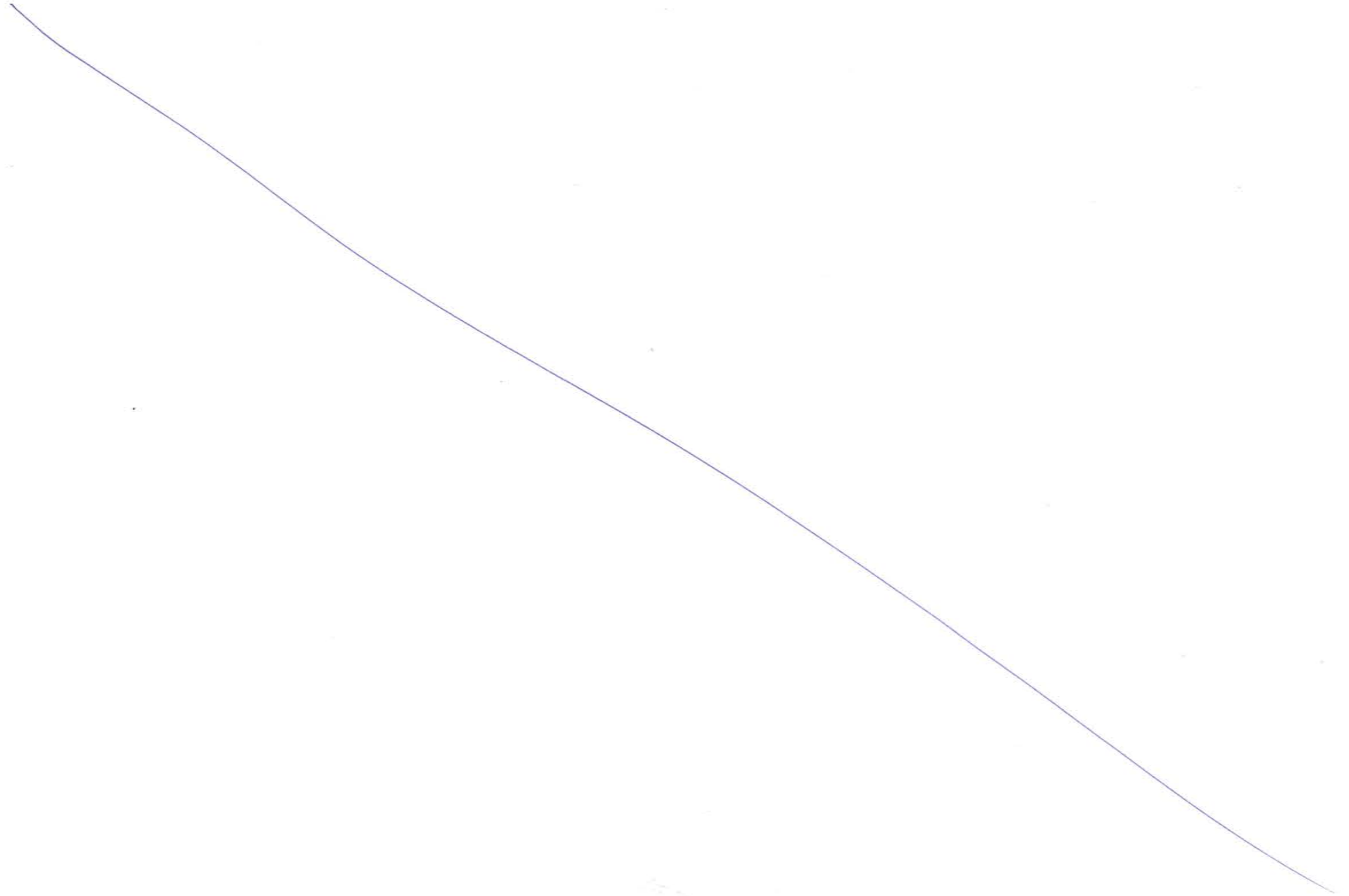
General View of RAMP MP at Chirle Interchange



LONGITUDINAL SECTION OF RAMP 'MP' FROM MTHL MUMBAI TO NH4B PANVEL
 PROFILE
 SCALE: H=1:625 V=1:250 © A1

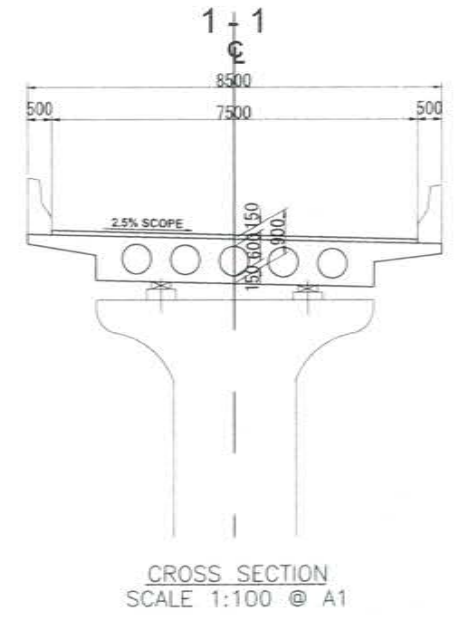
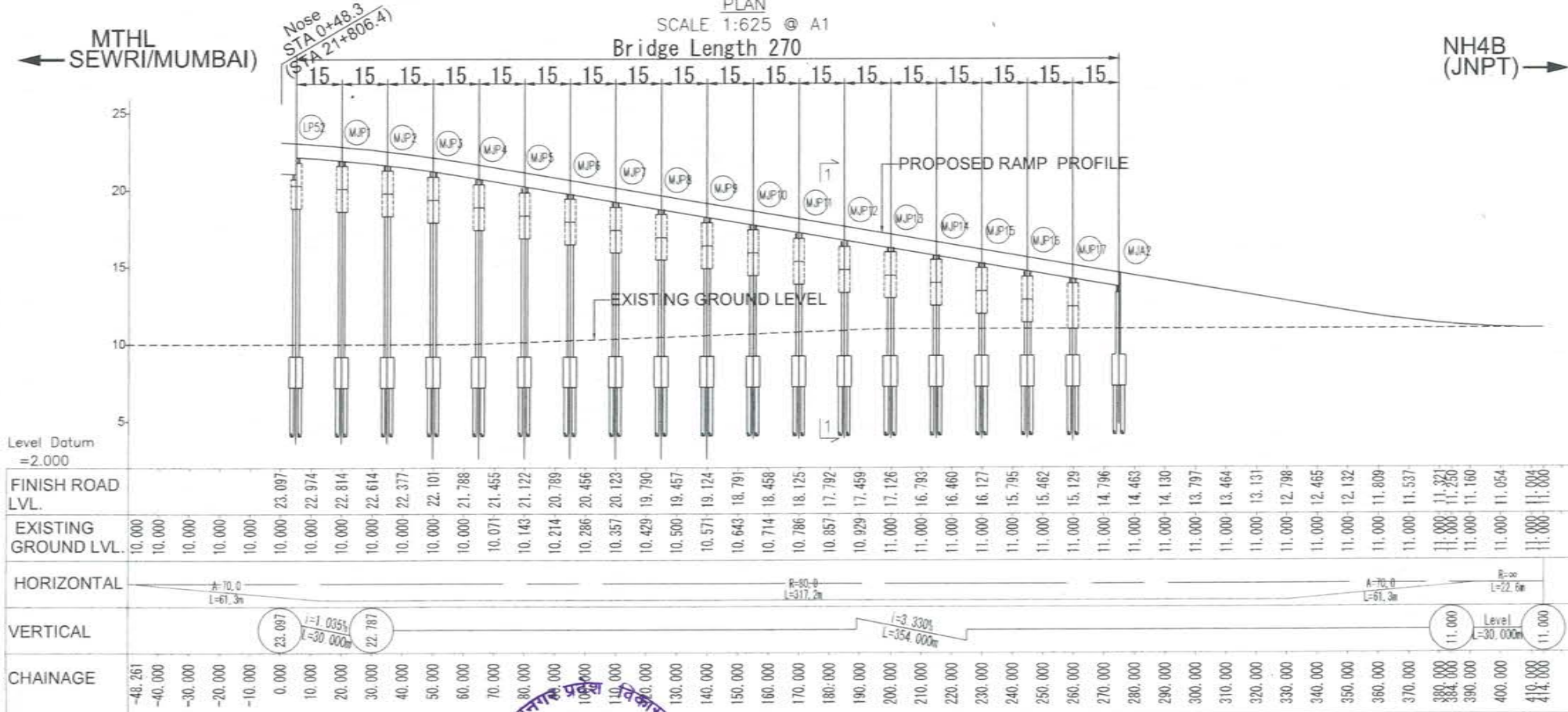
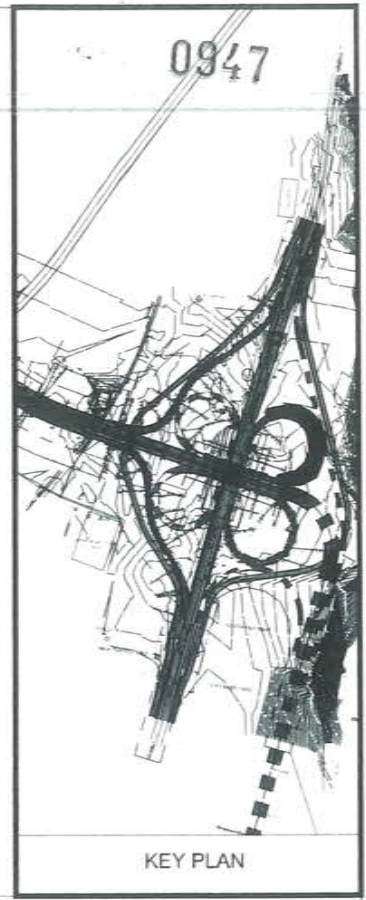
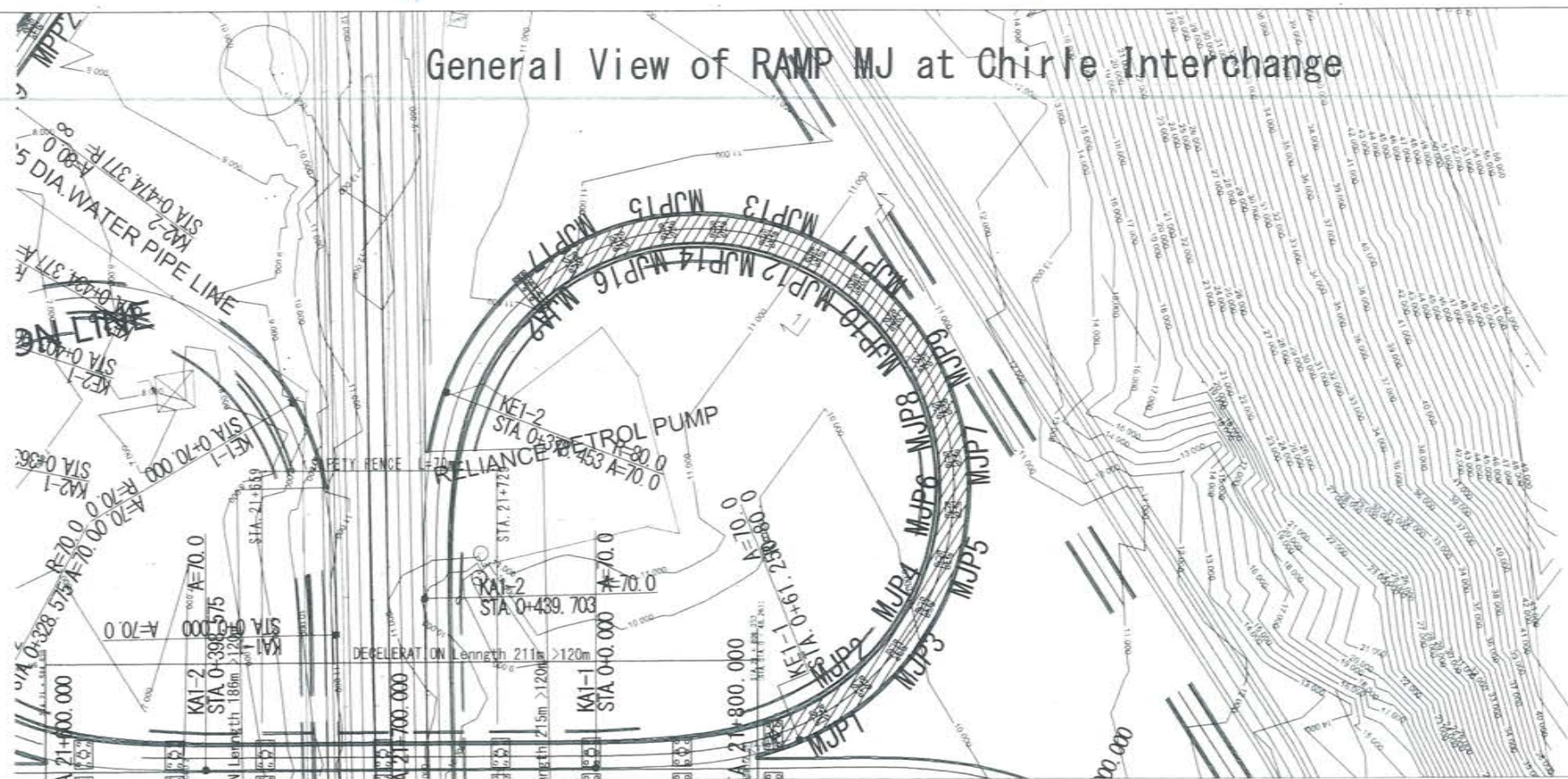
<p>MMRDA MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY</p>	<p>MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS</p>	<p>L & TOUBRO LIMITED Construction - Chemical</p>	<p>TITLE - General View of RAMP MP at Chirle Interchange</p> <p>DATE: _____ DRAWING NO. B-045 REV. _____</p>
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General View of RAMP MJ at Chirle Interchange



LONGITUDINAL SECTION OF LOOP 'MJ' FROM MUMBAI TO JNPT
 PROFILE
 SCALE H=1:625 V=1:250 @ A1

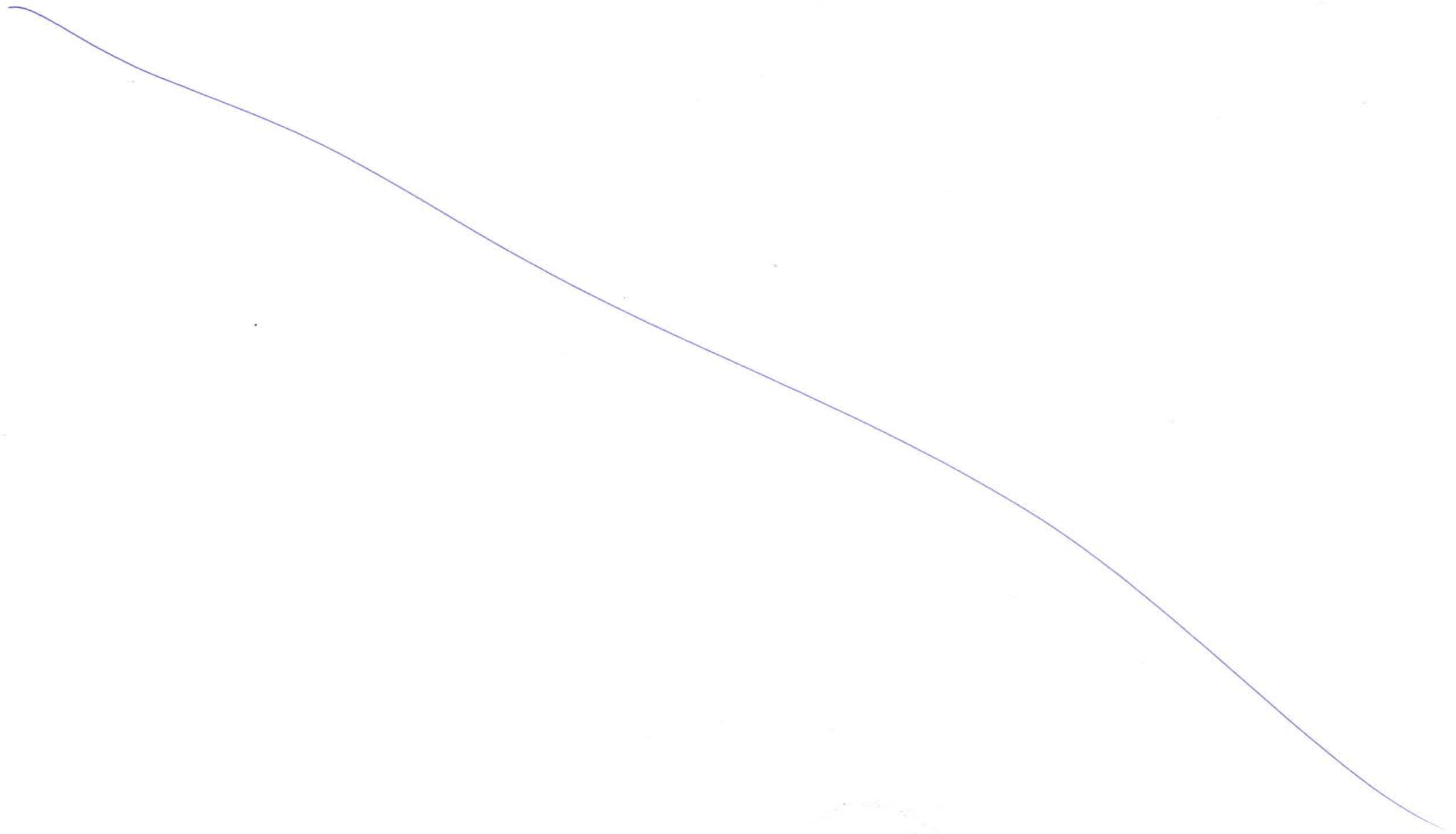
NAME	SIGN
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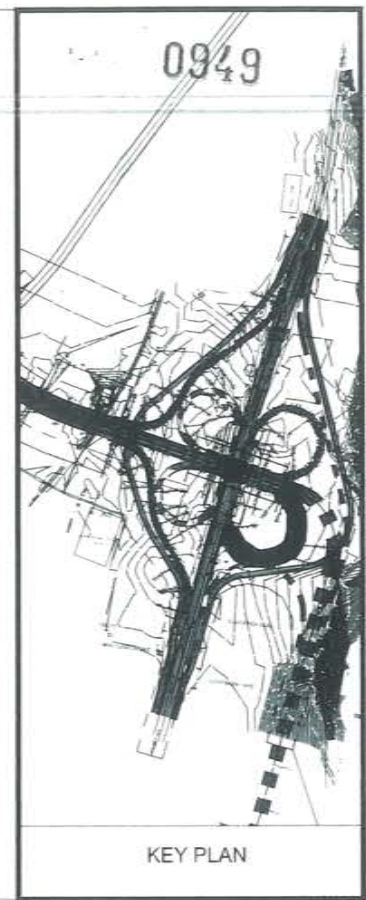
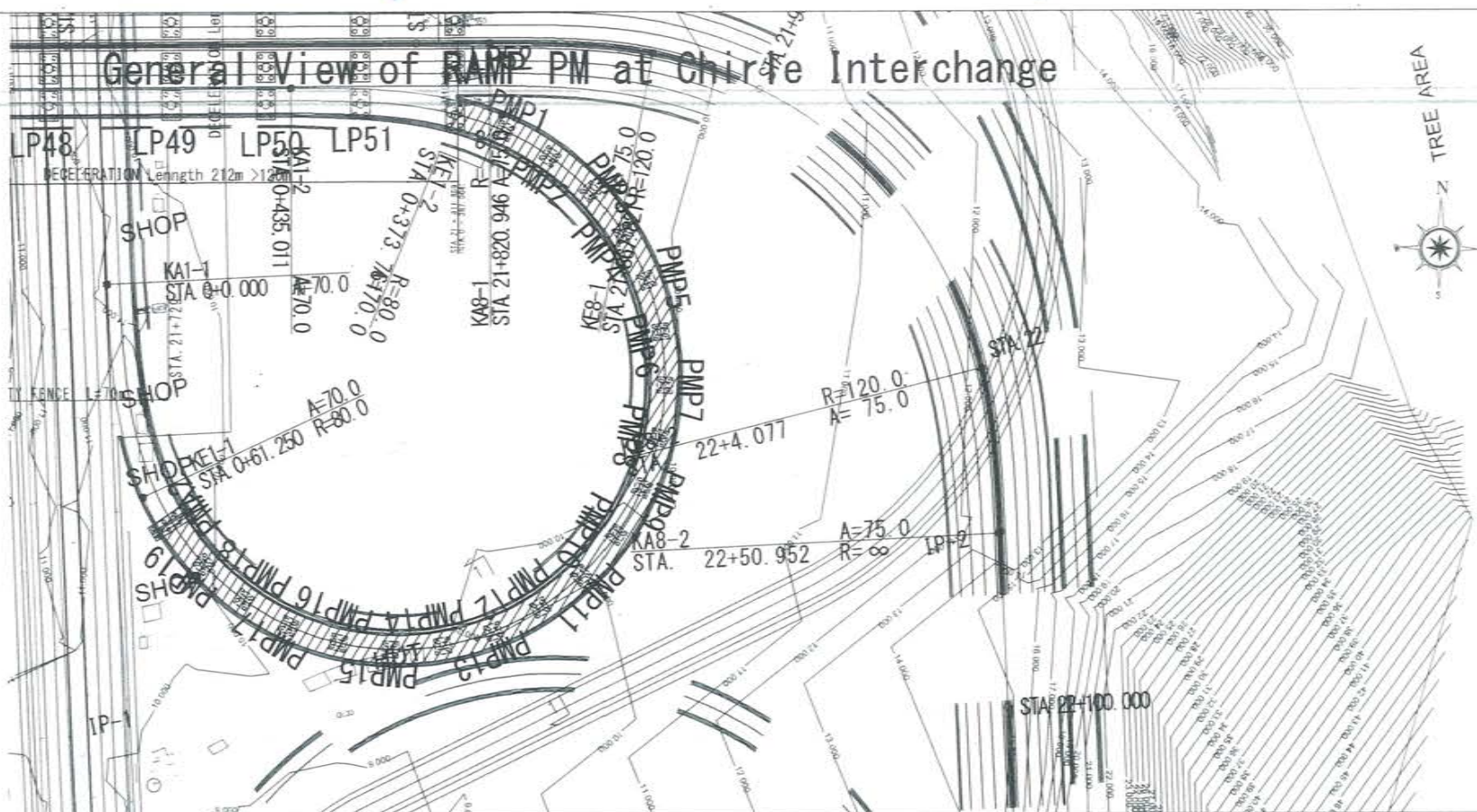


MUMBAI TRANS HARBOUR LINK PROJECT
 TENDER DRAWINGS

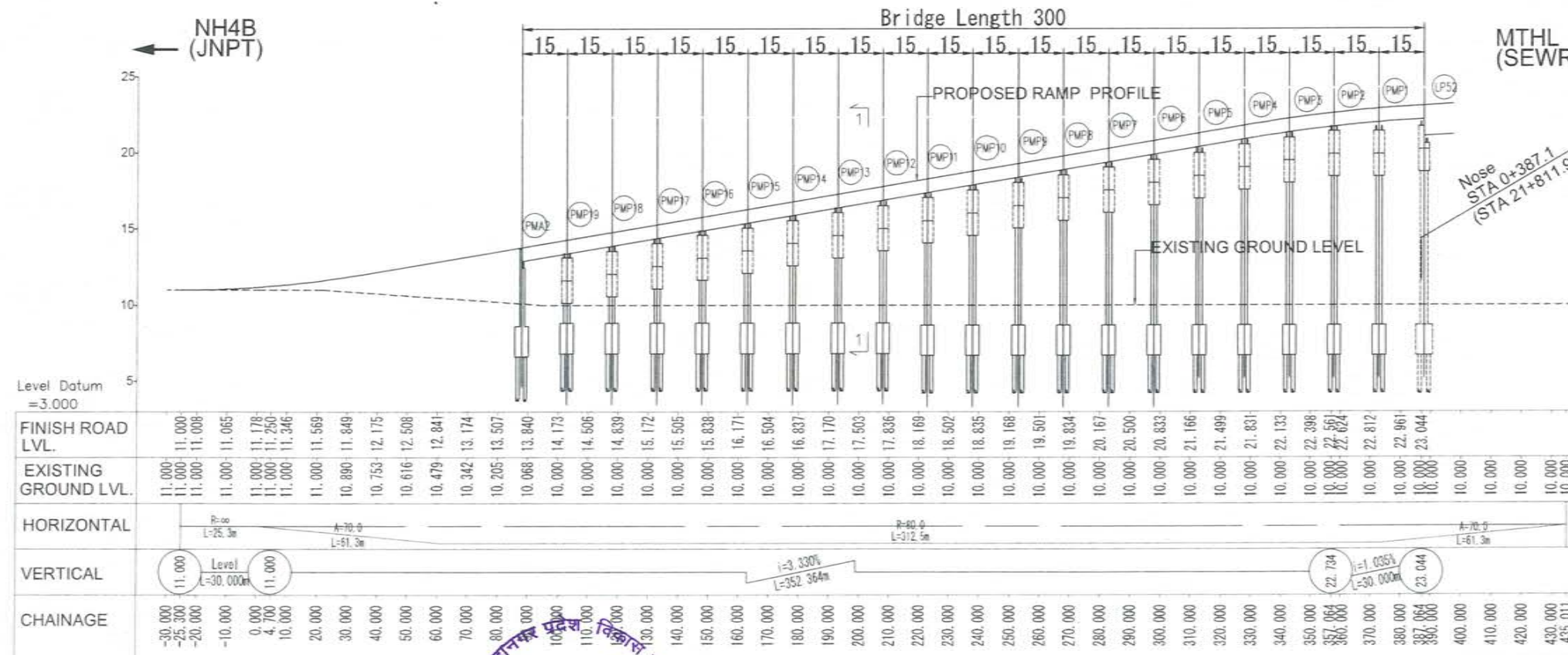


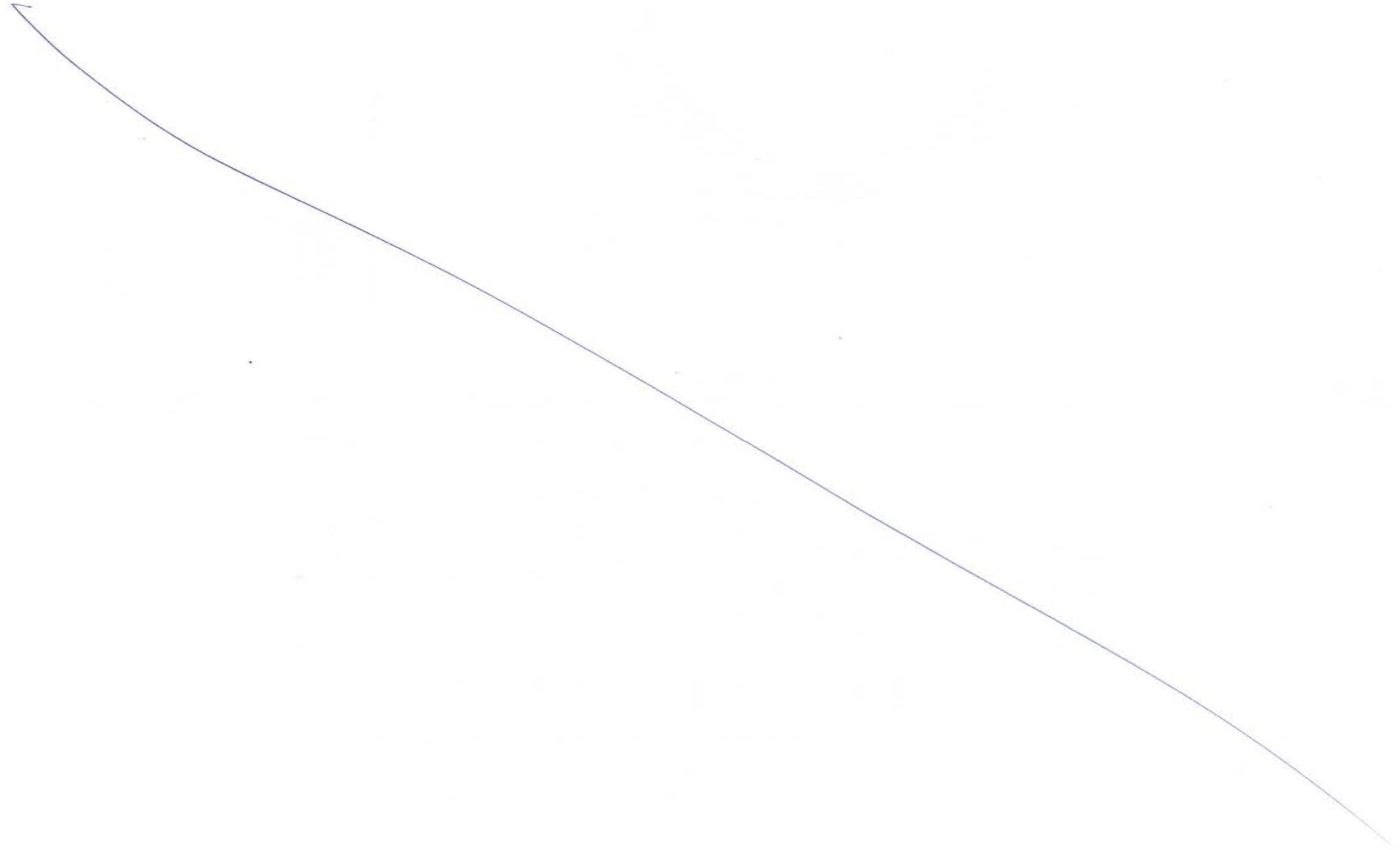
TITLE -		
General View of RAMP MJ at Chirle Interchange		
DATE	DRAWING NO.	REV.
	B-047	





PLAN
SCALE 1:625 @ A1

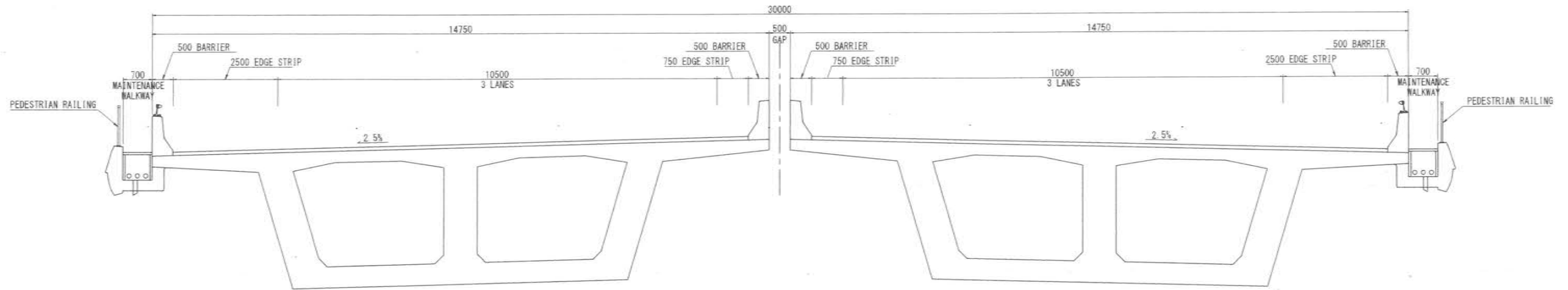




Detail of Noise Barrier, View Barrier, Safety Fence and Lighting Facility

0951

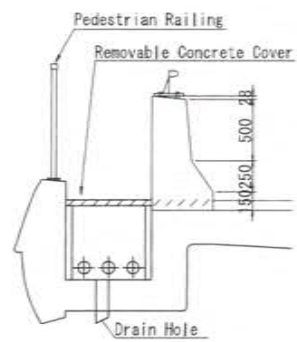
Typical Cross Section of Superstructure of PC Box Girder Bridge S=1:30



Detail of Barrier S=1:30

Noise Barrier, View Barrier, Safety Fence S=1:30

Lighting Facility S=1:30

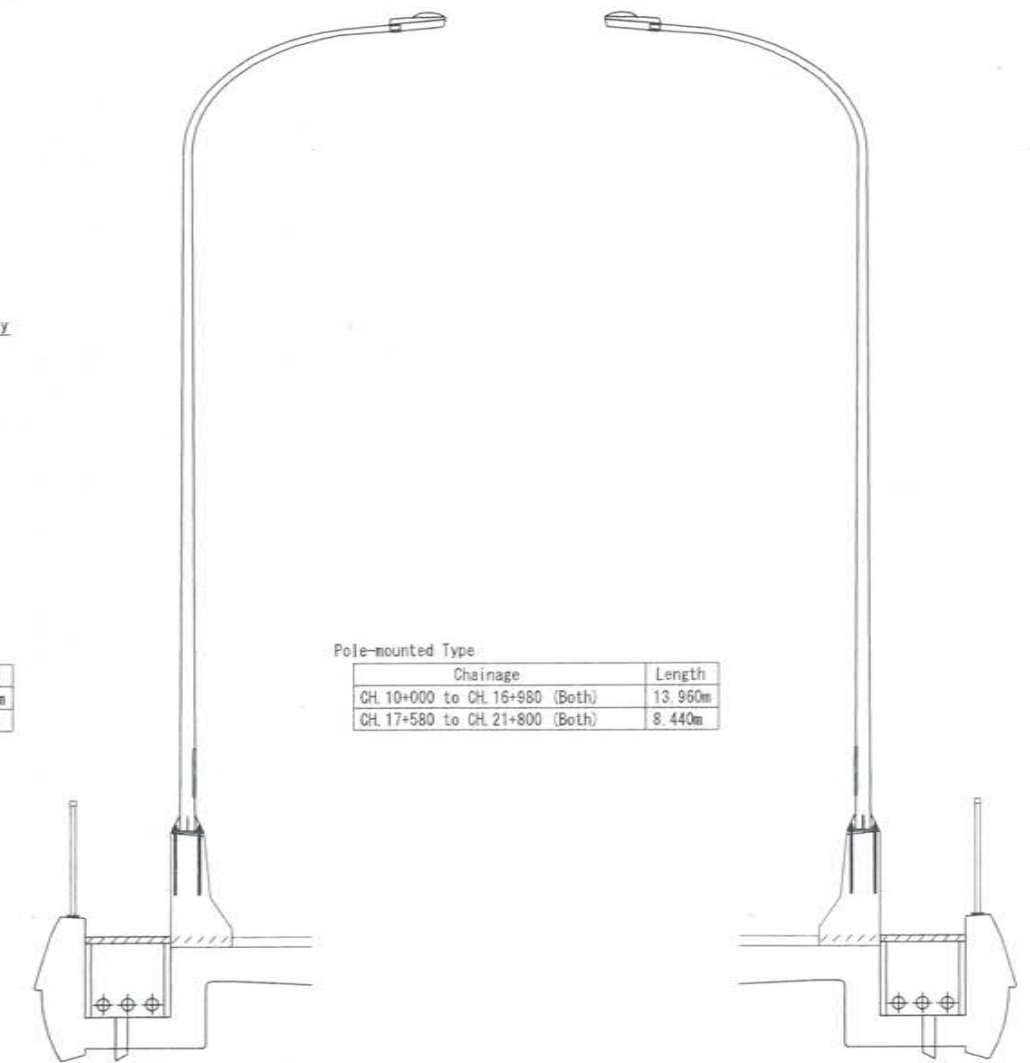
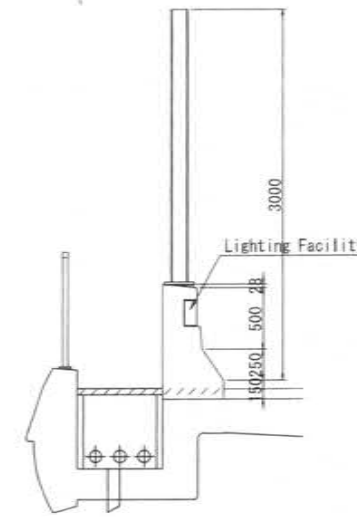
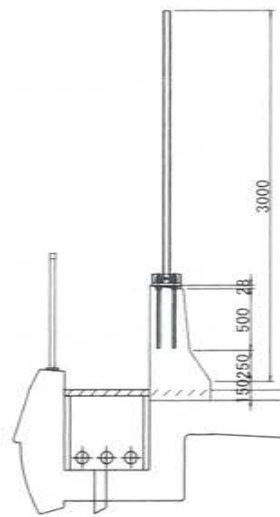
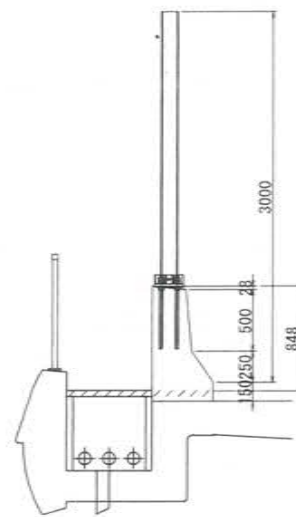


Noise Barrier
View Barrier

Safety Fence

Barrier-embedded Type

Pole-mounted Type



Noise Barrier

Chainage	Length
CH. 0+500 to CH. 4+000 (North)	3,500m
CH. 0+500 to CH. 5+500 (South)	5,000m
CH. 16+980 to CH. 17+580 (Both)	1,200m

View Barrier

Chainage	Length
CH. 4+000 to CH. 10+000 (North)	6,000m

Safety Fence

Chainage	Length
CH. 5+500 to CH. 6+078 (South)	578m
CH. 8+720 to CH. 9+080 (South)	360m
CH. 13+138 to CH. 13+510 (Both)	744m
CH. 16+840 to CH. 16+880 (Both)	968m
CH. 18+087 to CH. 18+127 (Both)	80m
CH. 18+187 to CH. 18+217 (Both)	60m
CH. 18+317 to CH. 18+357 (Both)	80m
CH. 18+421.5 to CH. 18+491.5 (Both)	140m
CH. 18+574 to CH. 18+644 (Both)	140m
CH. 18+884 to CH. 18+929 (Both)	90m
CH. 20+225 to CH. 20+260 (Both)	70m
CH. 21+012 to CH. 21+079 (Both)	134m
CH. 21+232 to CH. 21+427 (Both)	390m
CH. 21+660 to CH. 21+730 (Both)	140m

Barrier-embedded Type

Chainage	Length
CH. 0+500 to CH. 10+000 (Both)	19,000m
CH. 16+980 to CH. 17+580 (Both)	1,200m

Pole-mounted Type

Chainage	Length
CH. 10+000 to CH. 16+980 (Both)	13,960m
CH. 17+580 to CH. 21+800 (Both)	8,440m

The panel of Noise Barrier and Safety Fence are referred in the outline specification



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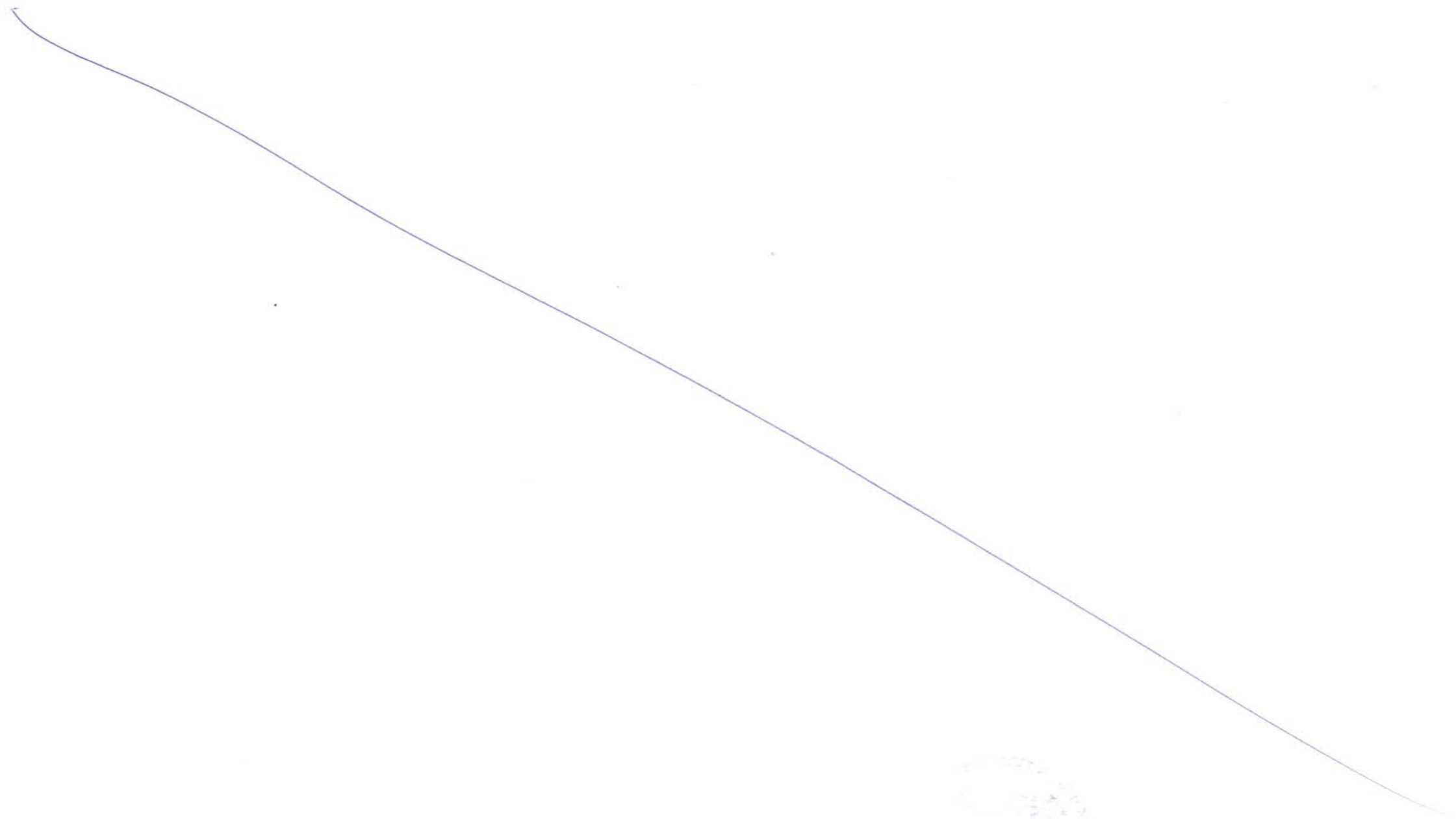
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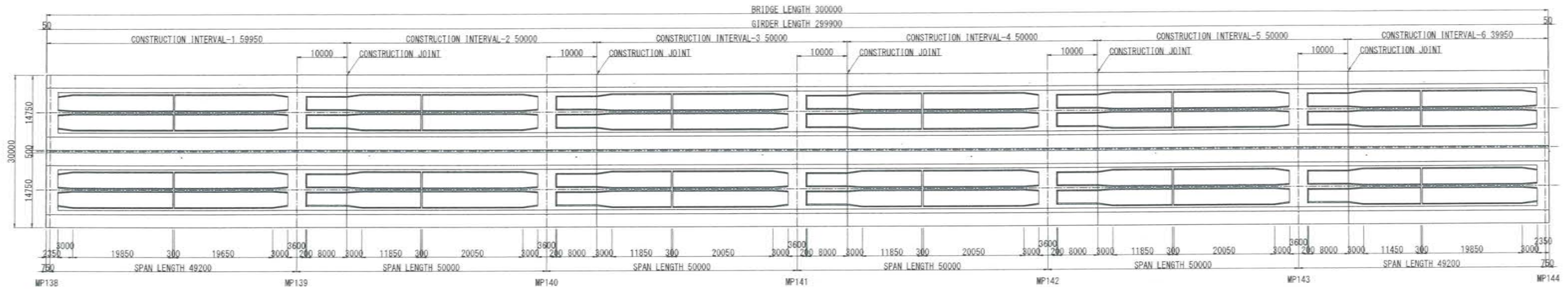
TITLE - Typical Cross Section of Superstructure
of PC Box Girder Bridge

DATE	DRAWING NO.	REV.
	B-049	

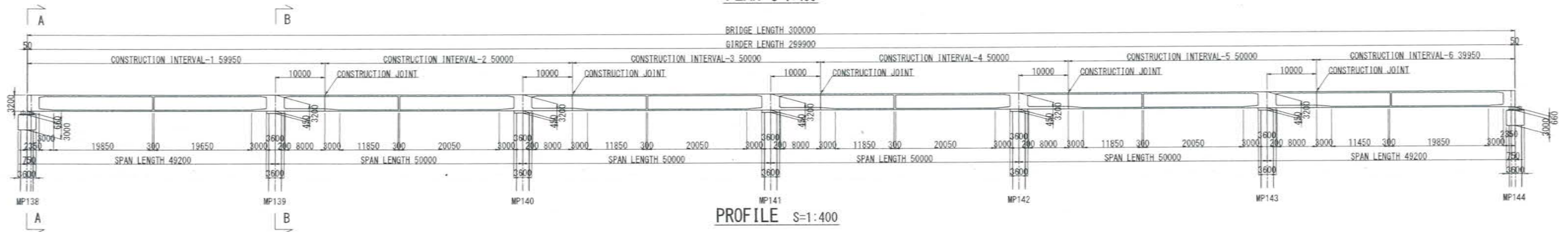


General View of Superstructure of PC Box Girder Bridge (50m spans)

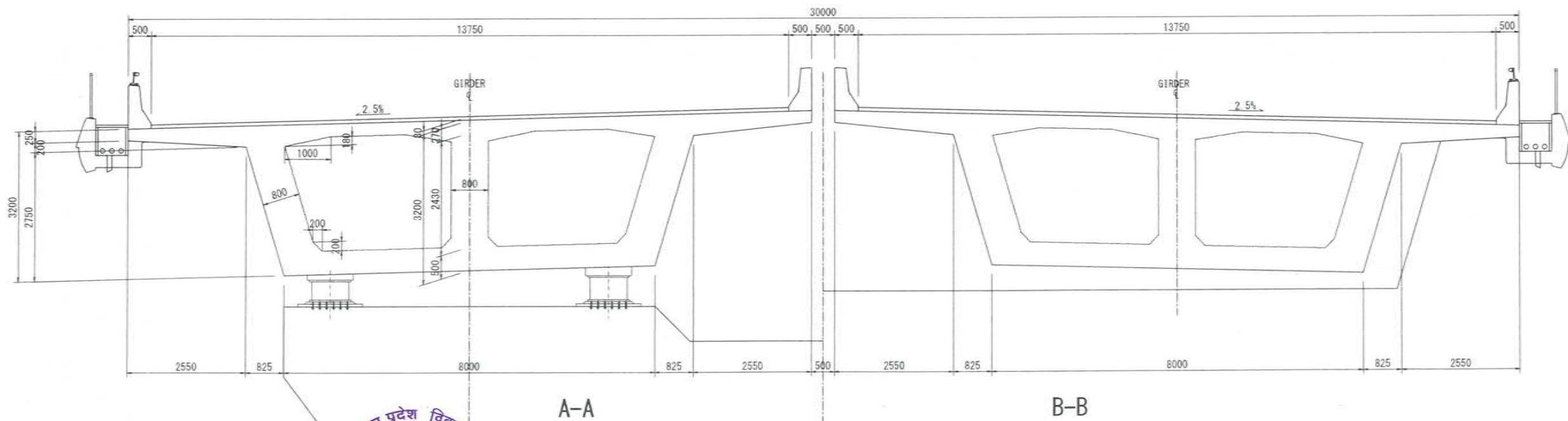
0953



PLAN S=1:400



PROFILE S=1:400



CROSS SECTION AT PIER S=1:50

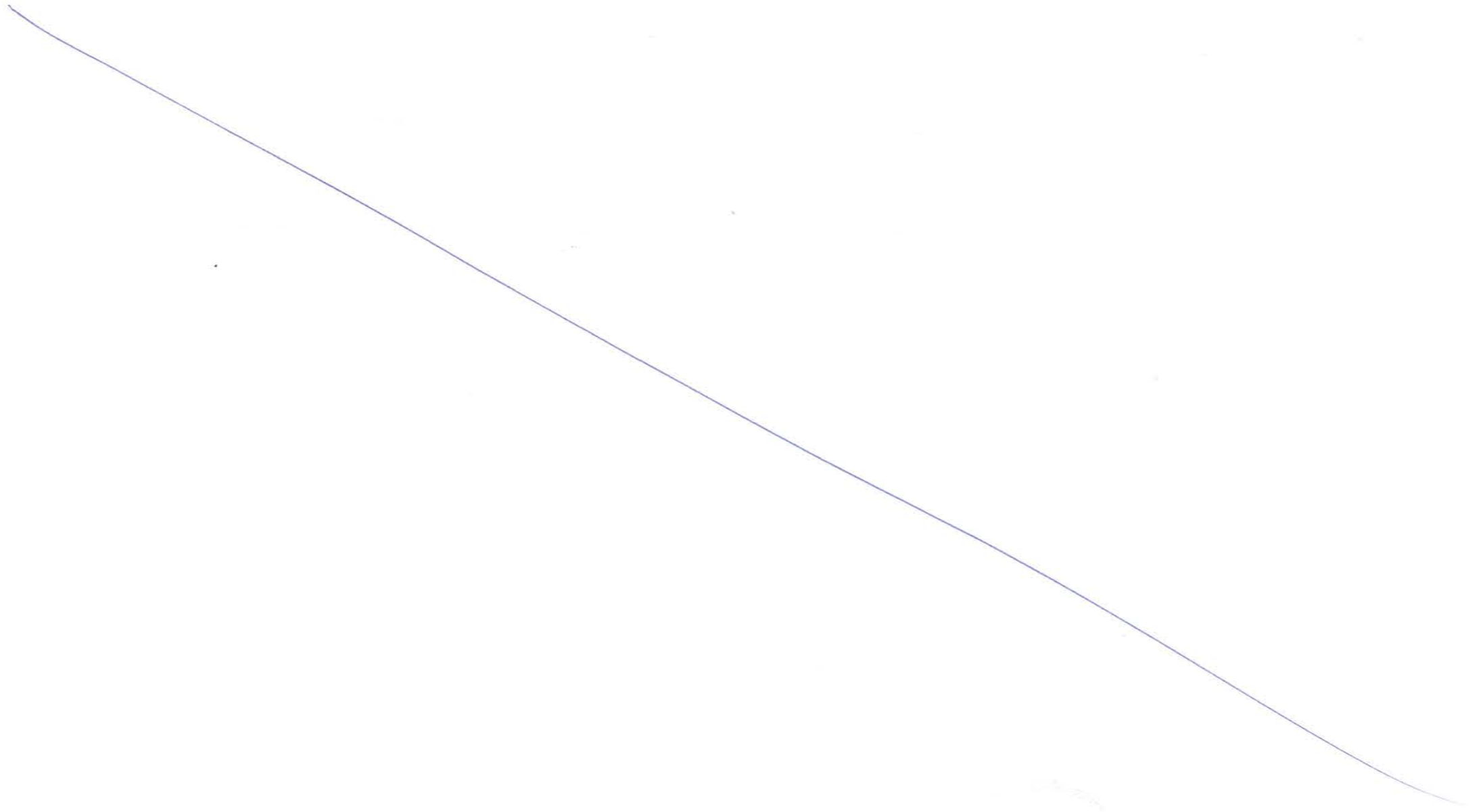
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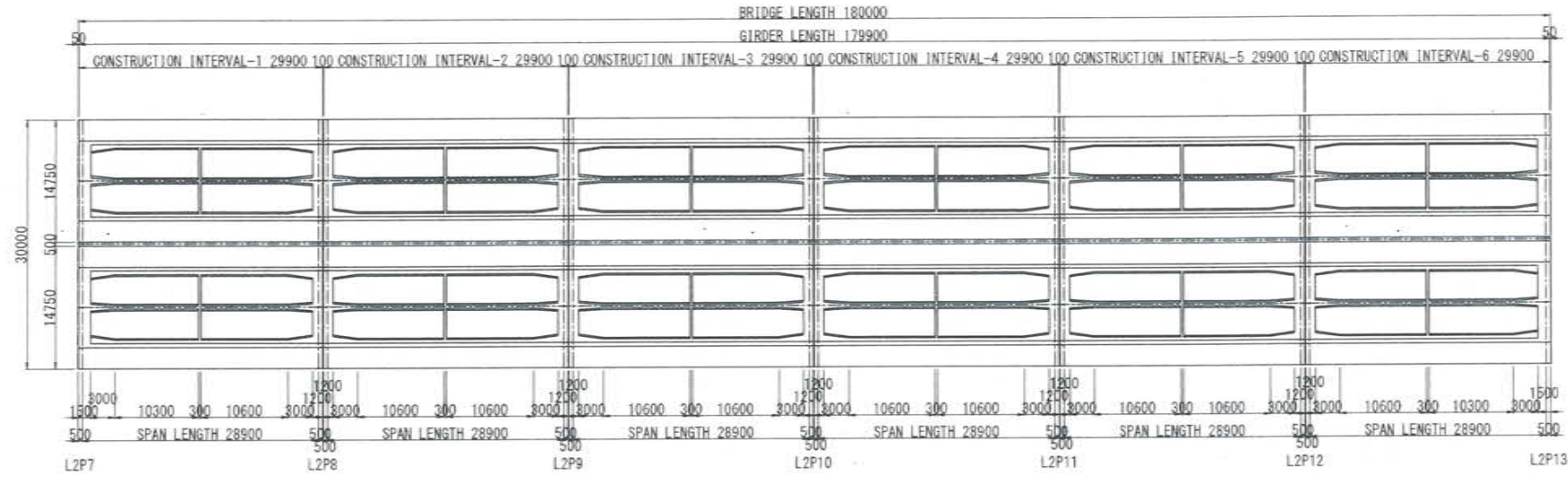
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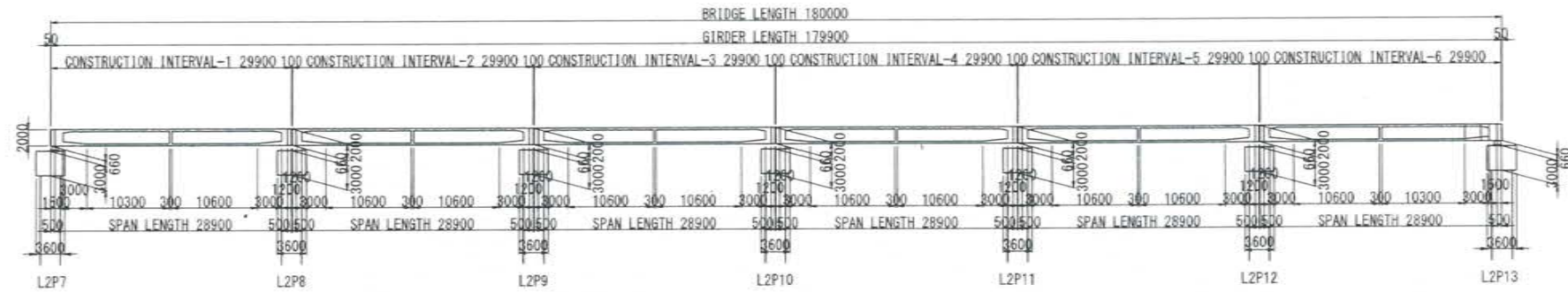
TITLE - General View of Superstructure of PC Box Girder Bridge (50m spans)		
DATE	DRAWING NO. B-050	REV.



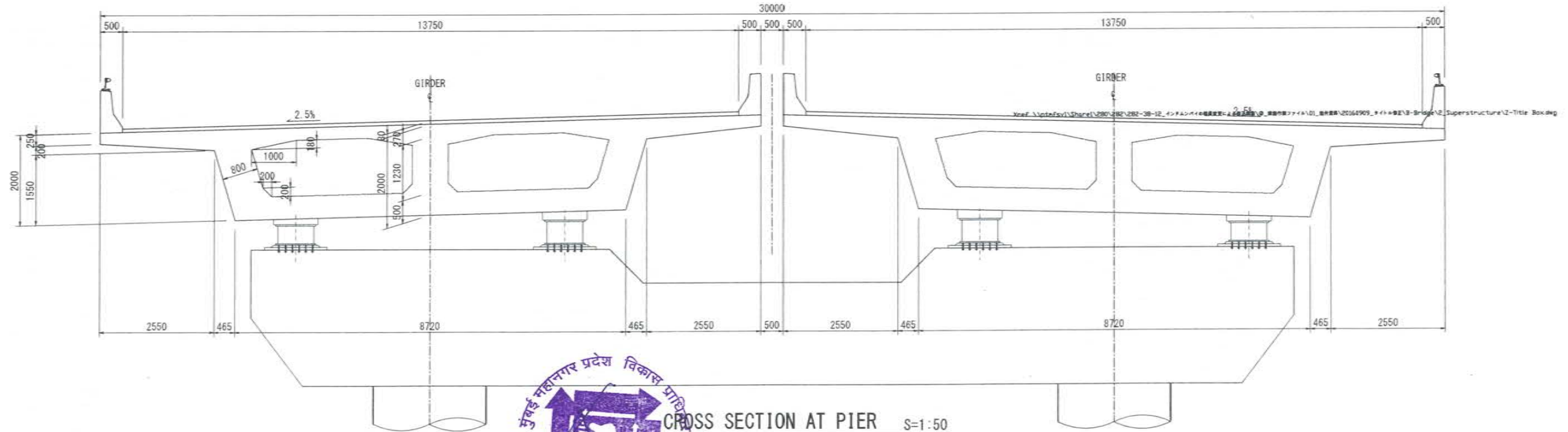
General View of Superstructure of PC Box Girder Bridge (30m spans)



PLAN S=1:400



PROFILE S=1:400



CROSS SECTION AT PIER S=1:50



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TITLE -

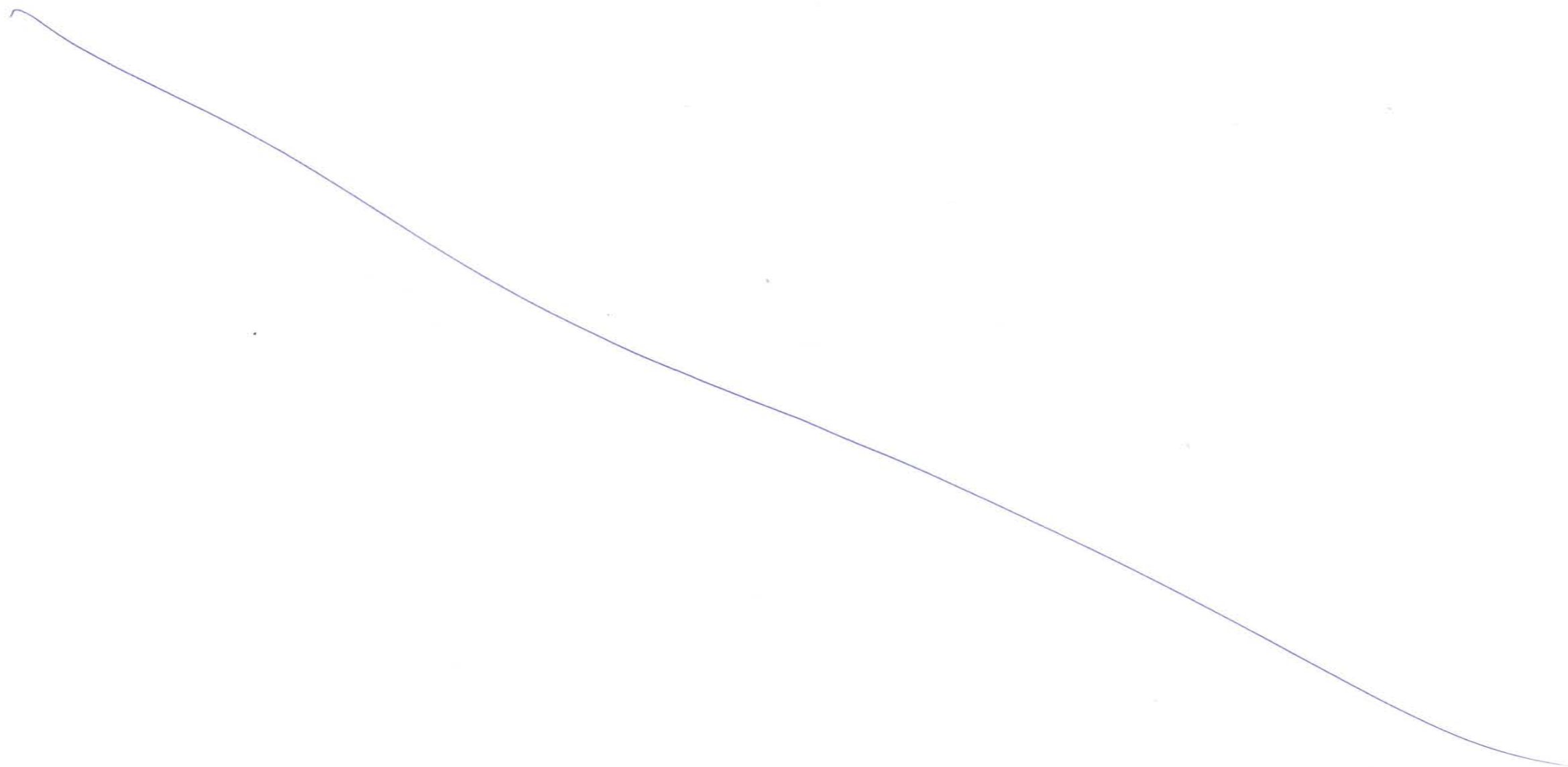
General View of Superstructure of PC Box
Girder Bridge (30m spans)

DATE

DRAWING NO.

B-051

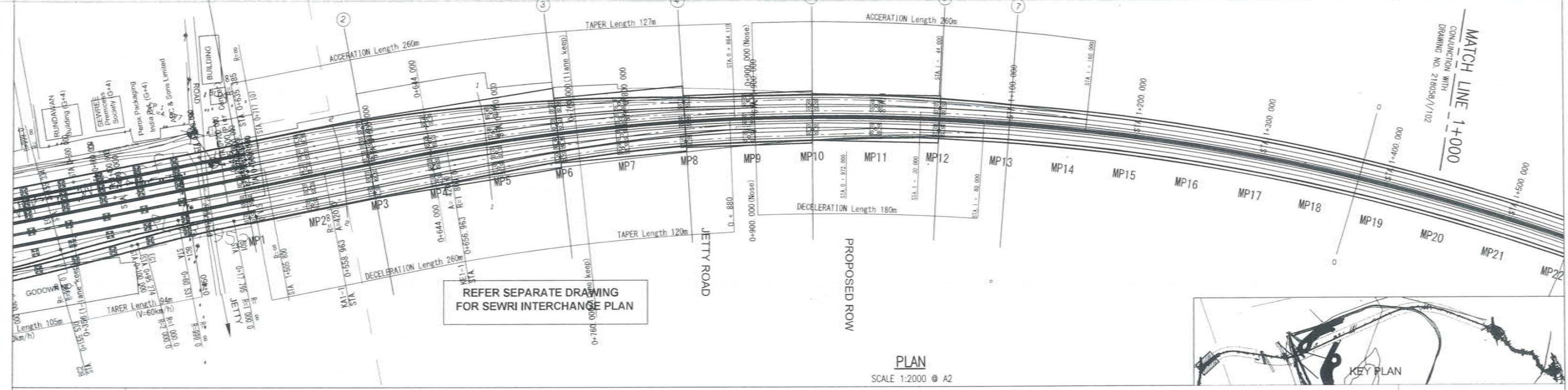
REV.



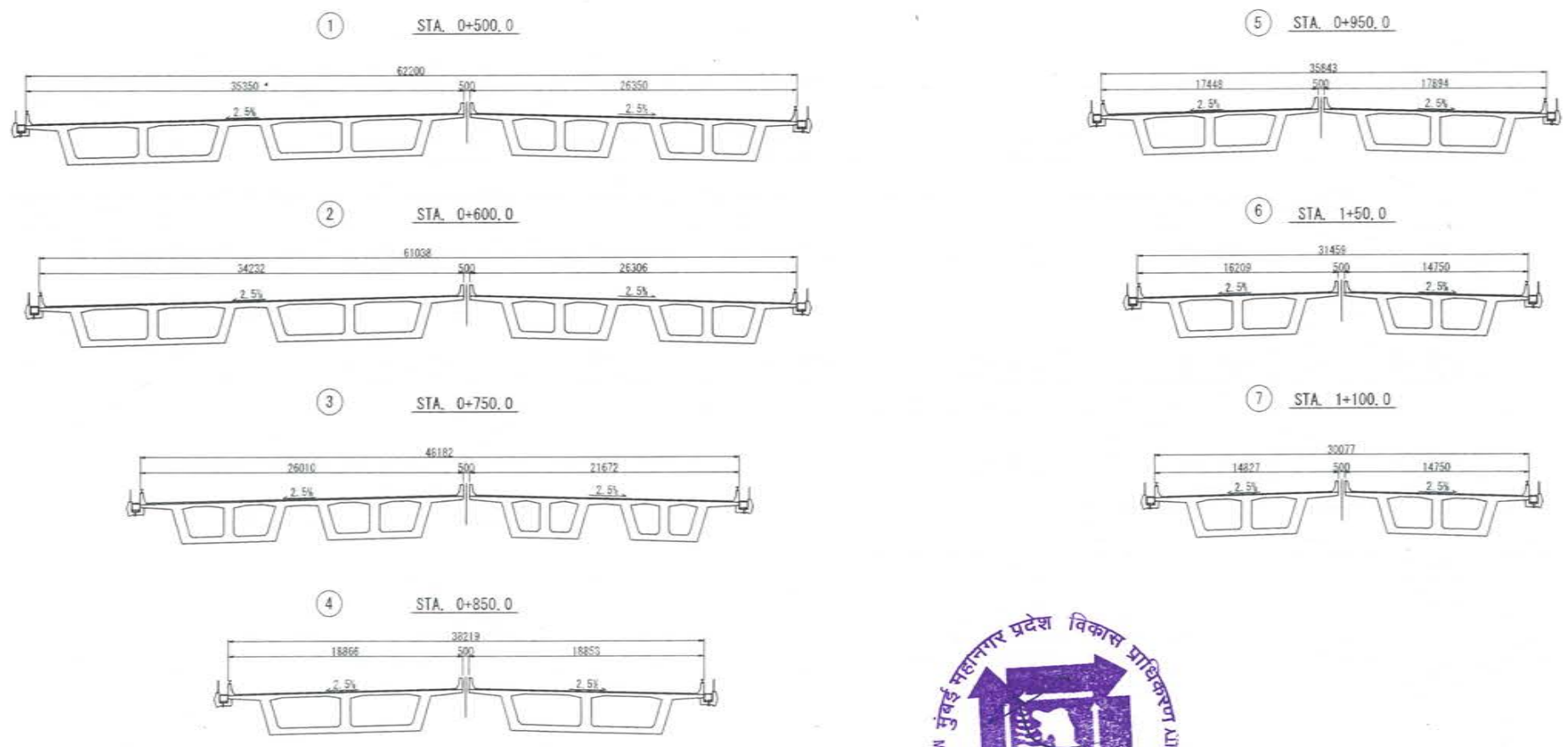
Cross Section of Superstructure at Sewri Interchange

SEWRI (MUMBAI)

CHIRLE (NAVI MUMBAI)



PLAN
SCALE 1:2000 @ A2



PROFILE
SCALE H=1:2000 V=400 @ A2



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PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT

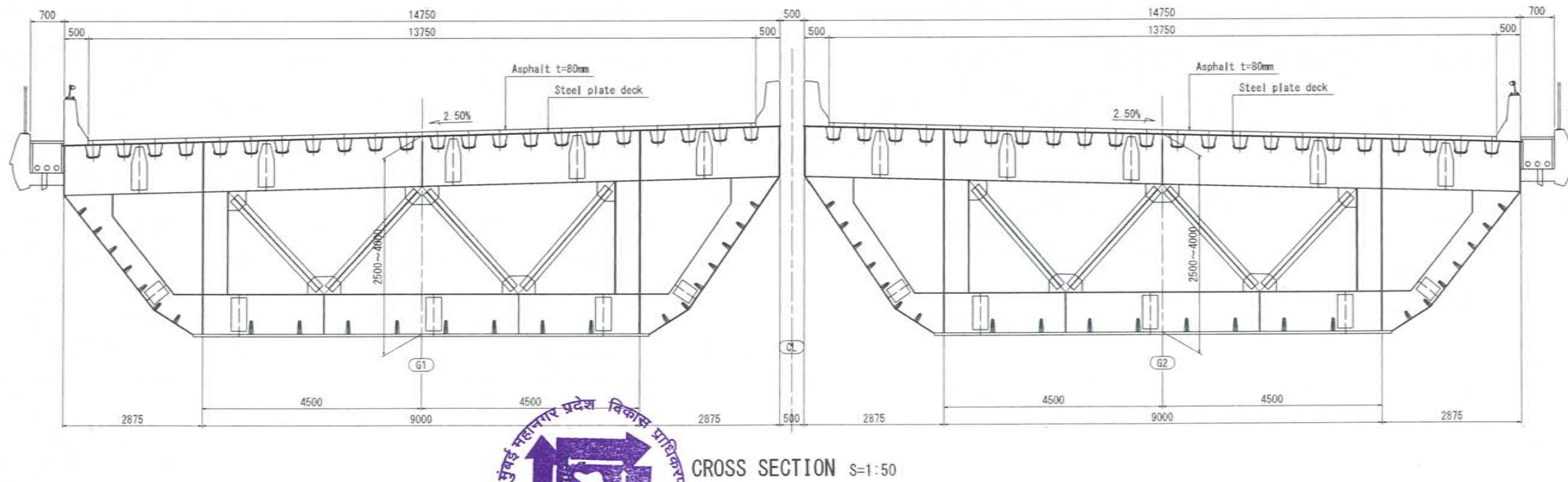
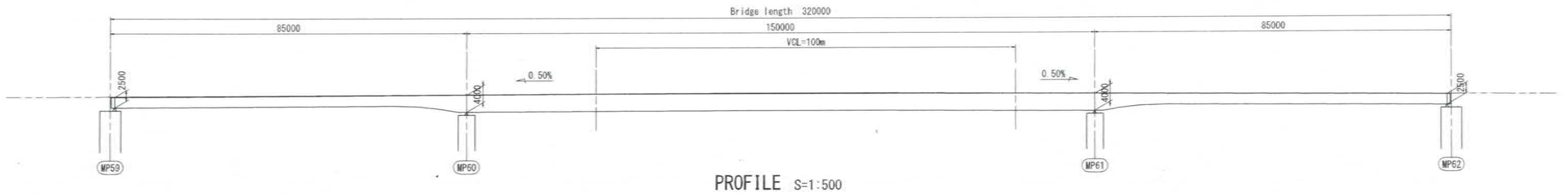
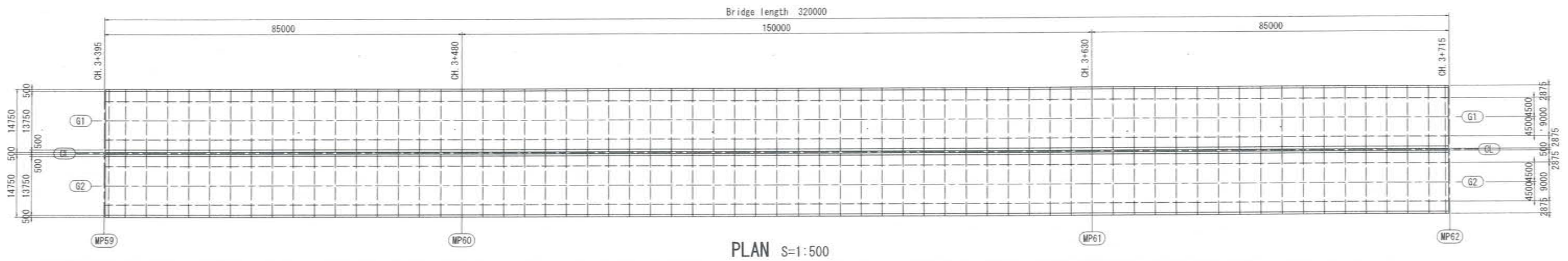
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TITLE -		
Cross Section of Superstructure at Sewri Interchange		
DATE	DRAWING NO.	REV.
	B-052	



1958

General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP59-MP62)



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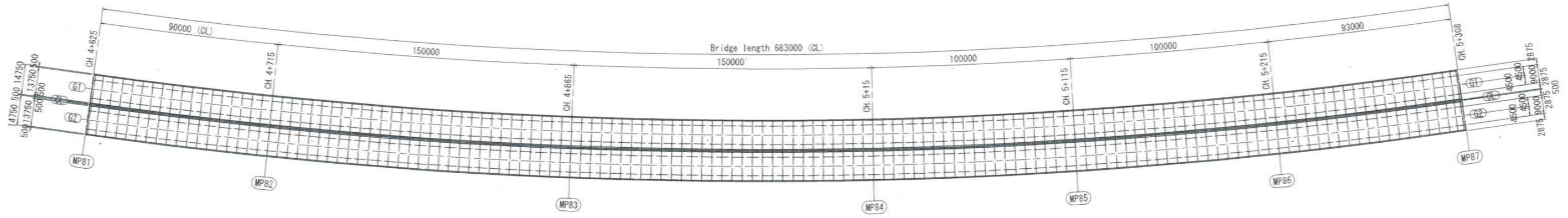


TITLE :-		General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP59-MP62)	
DATE	DRAWING NO.	B-053	REV.

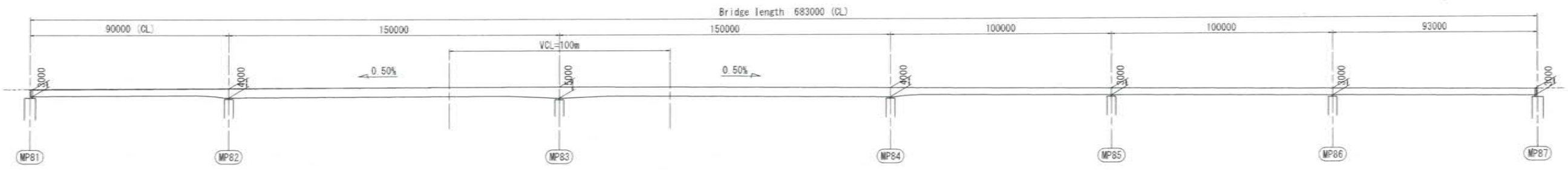


General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP81-MP87)

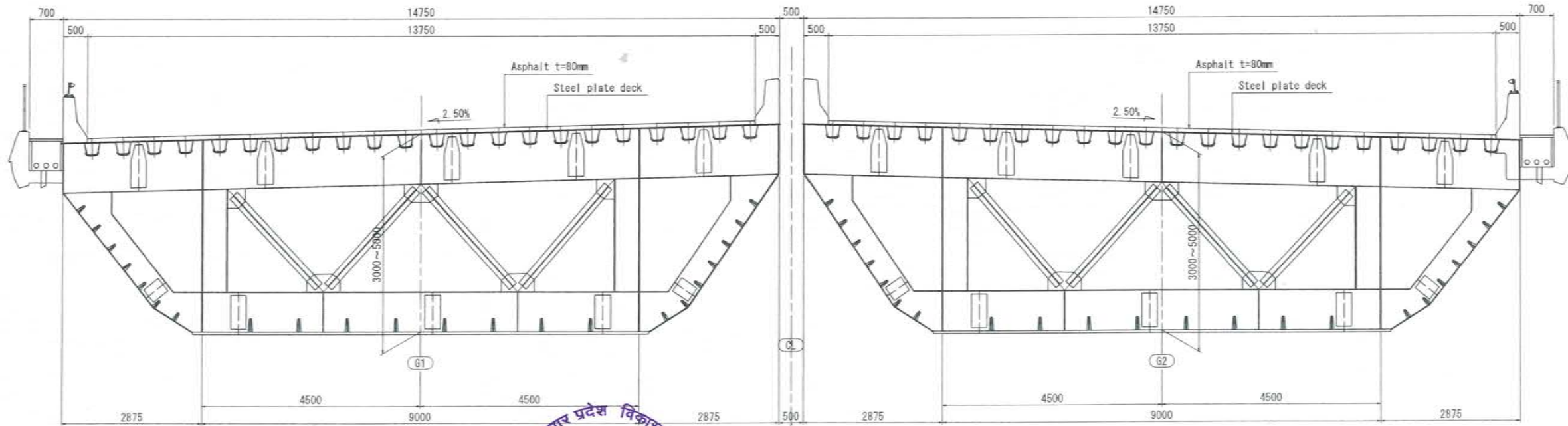
0961



PLAN S=1:1000



PROFILE S=1:1000



CROSS SECTION S=1:50



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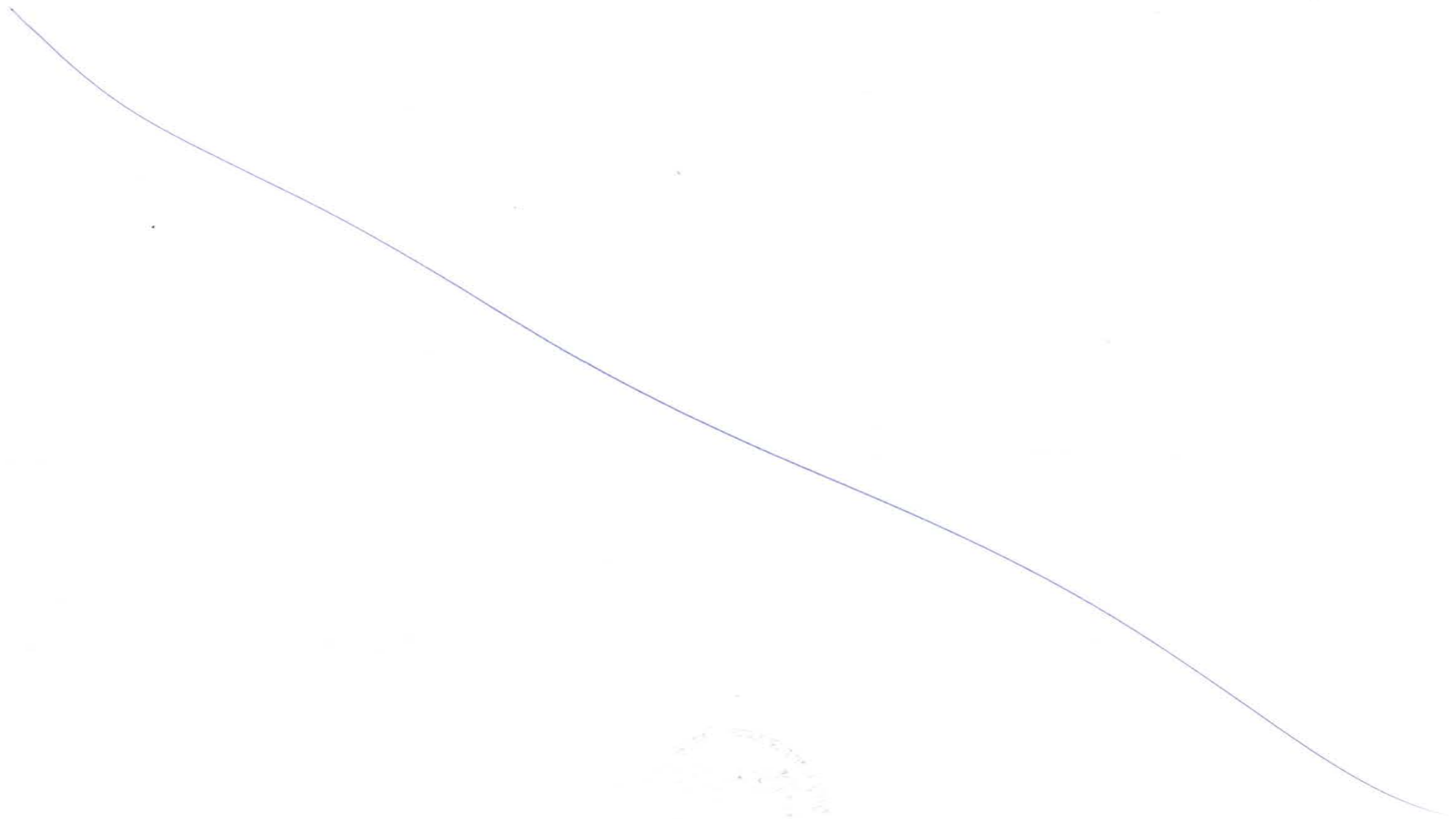
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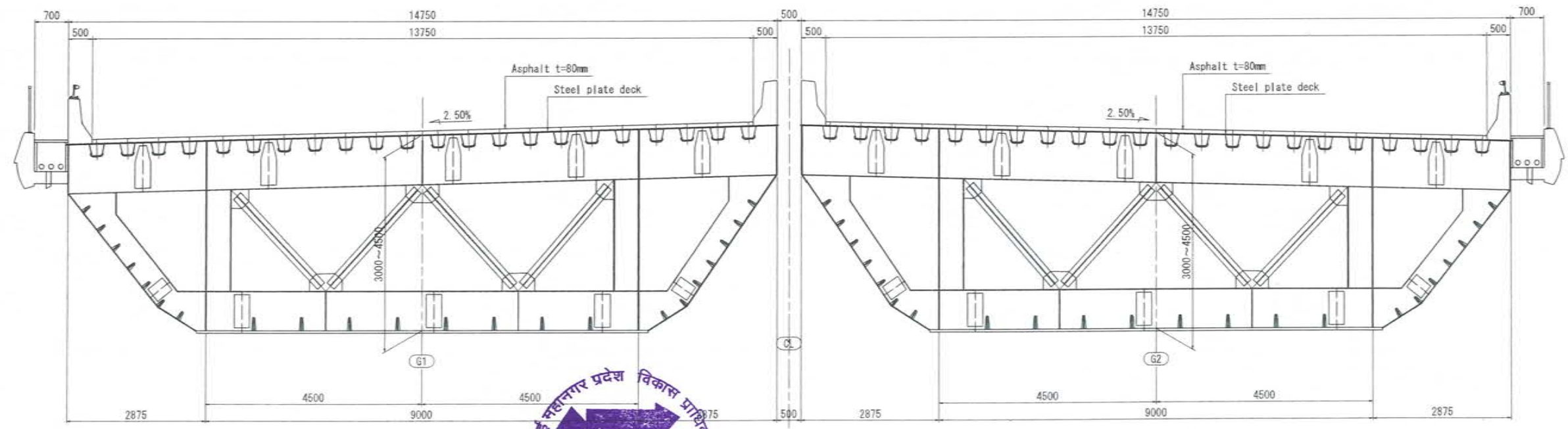
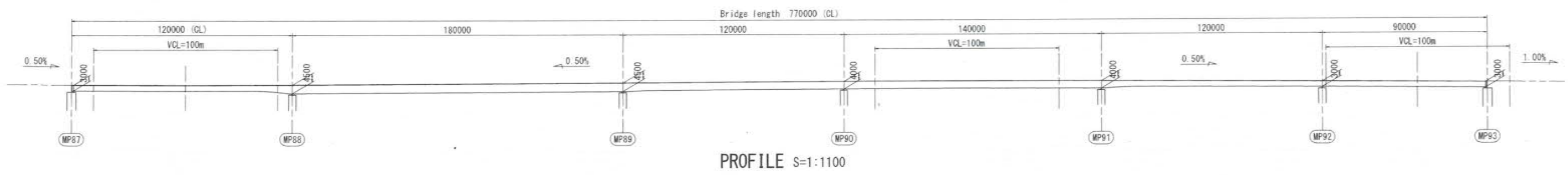
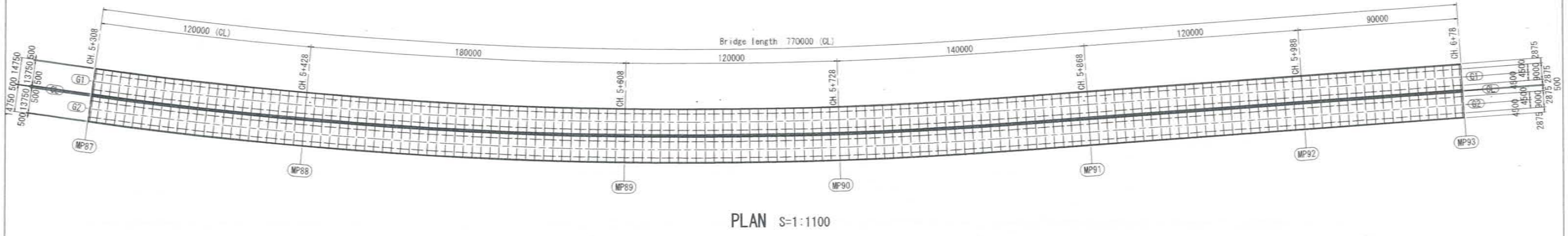


TITLE -		
General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP81-MP87)		
DATE	DRAWING NO.	REV.
	B-054	



General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP87-MP93)

0963



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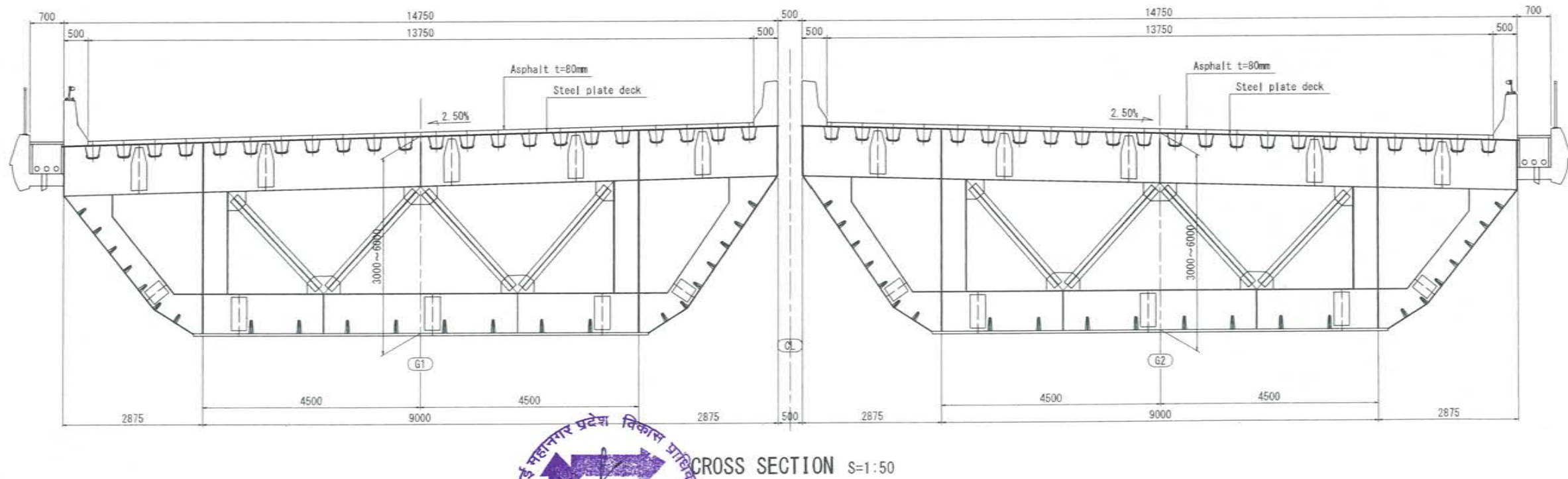
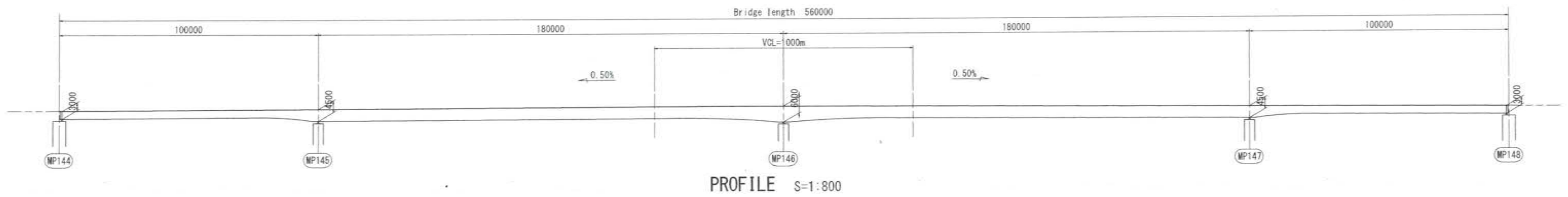
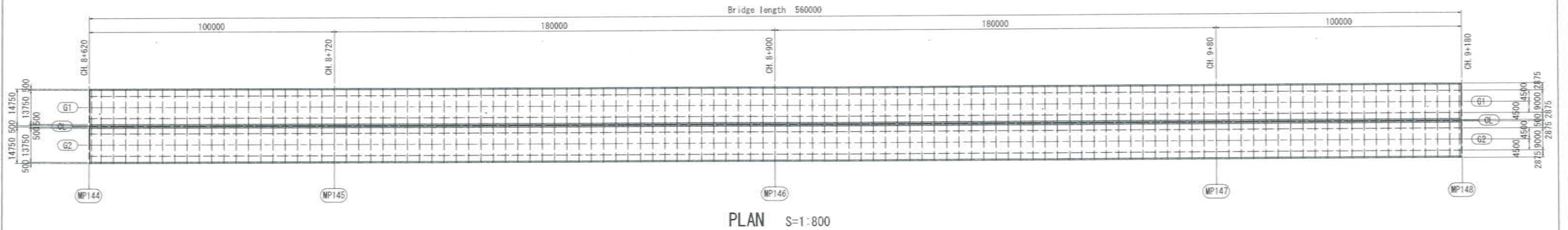
PROJECT - **MUMBAI TRANS HARBOUR LINK PROJECT**
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TITLE -		DATE		REV.
General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP87-MP93)				
DRAWING NO.	B-055			



General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP144-MP148)



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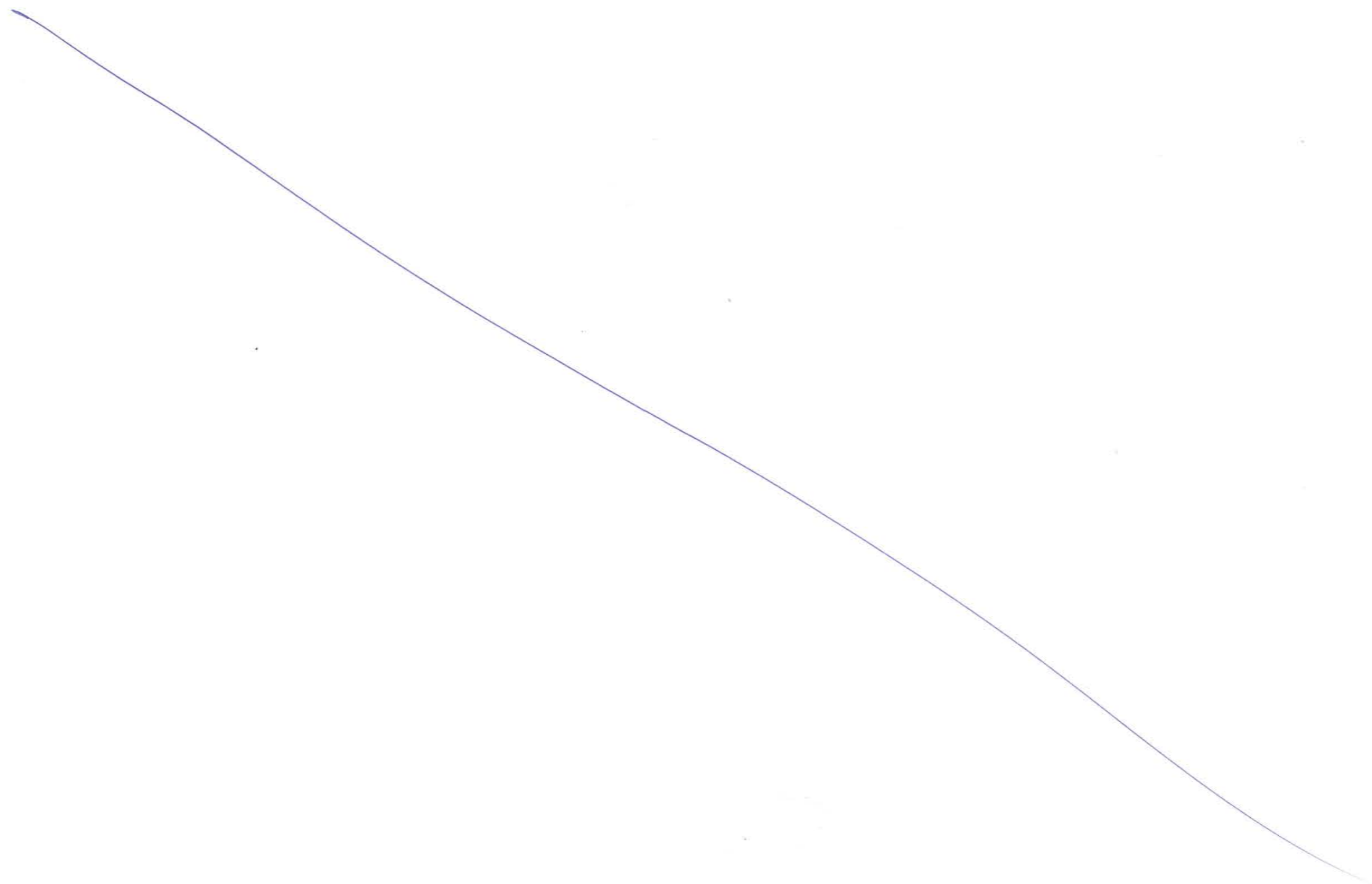
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TENDER DRAWINGS

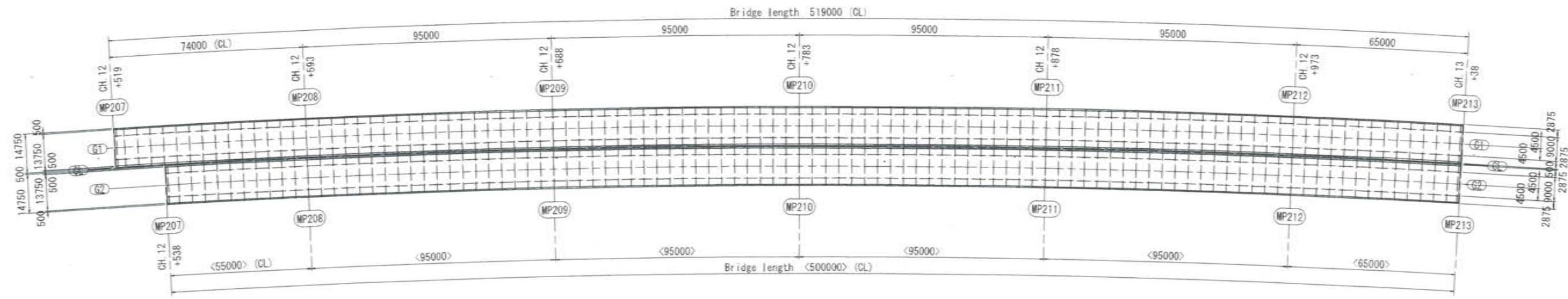


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General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP144-MP148)		
DATE:	DRAWING NO.	REV.
	B-056	

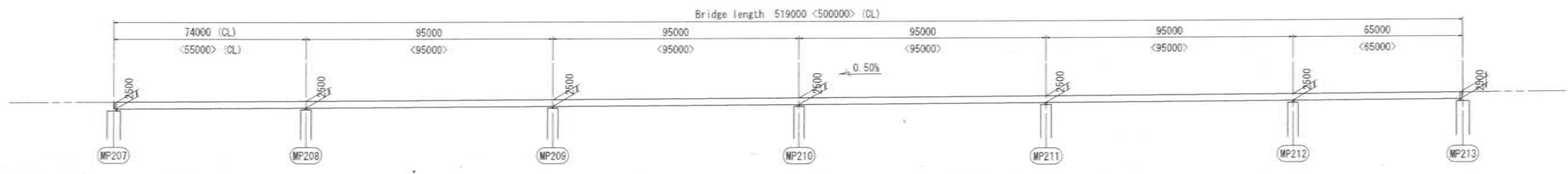




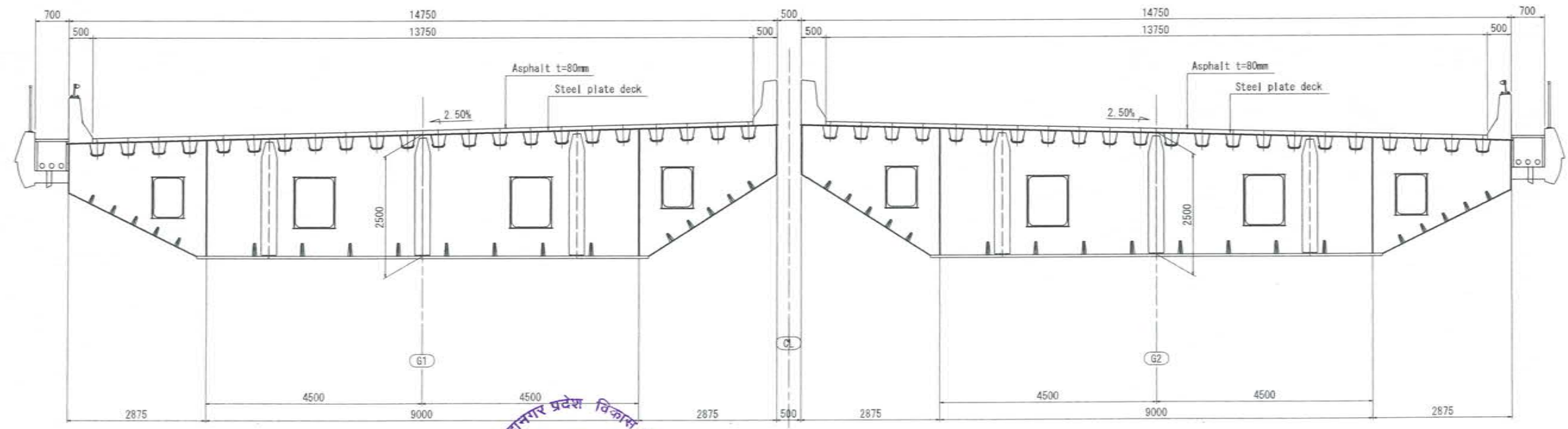
General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP207-MP213)



PLAN S=1:900



PROFILE S=1:900



CROSS SECTION S=1:50



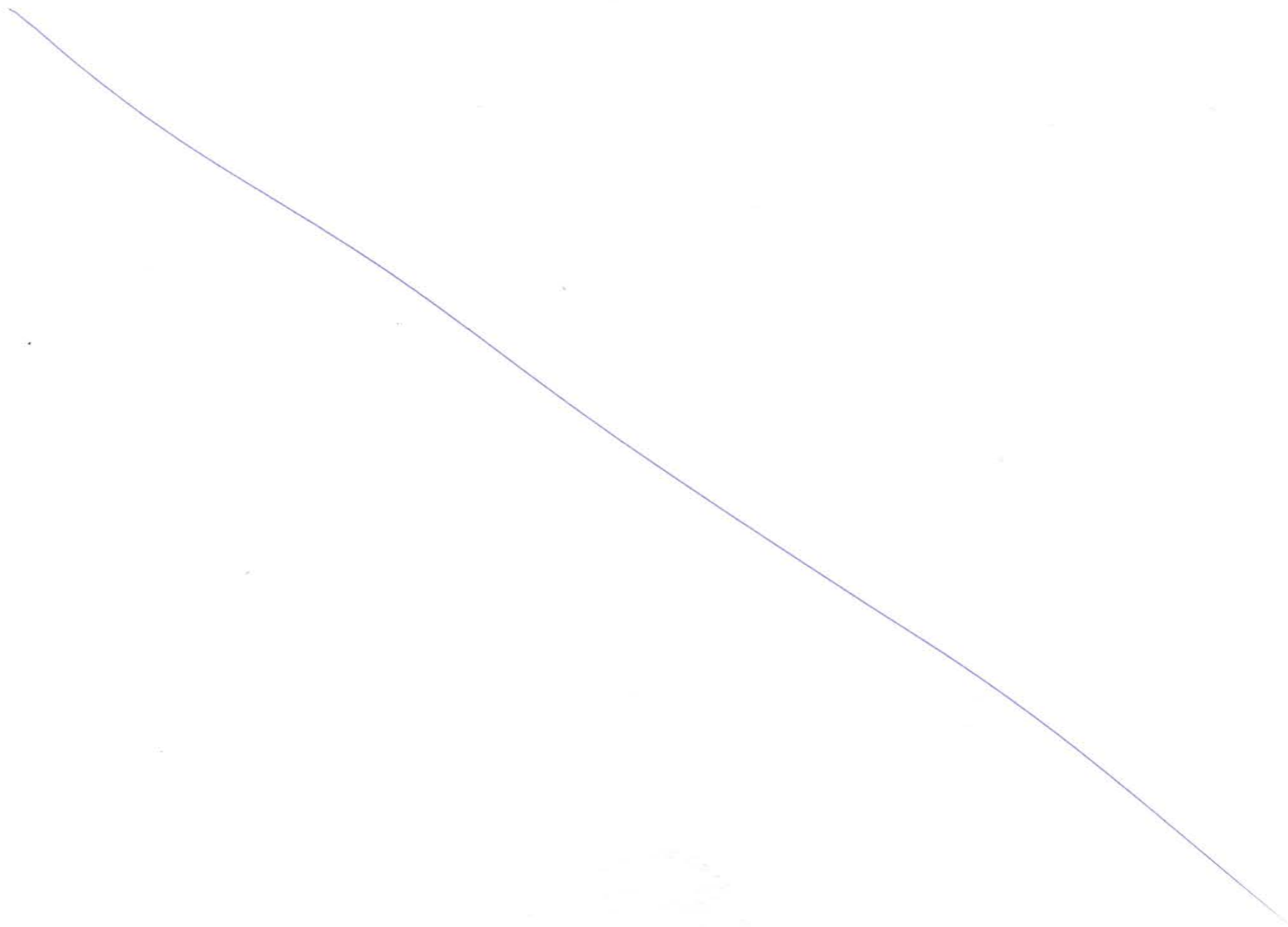
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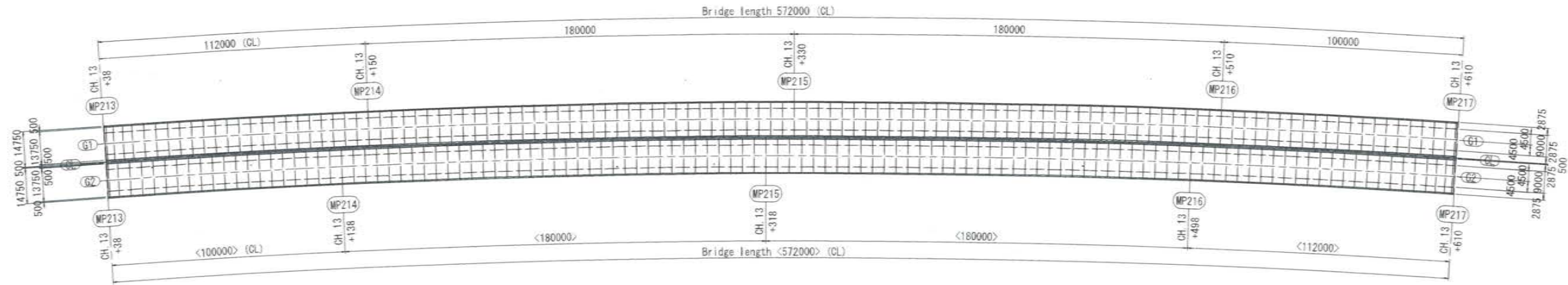
PROJECT: **MUMBAI TRANS HARBOUR LINK PROJECT**
TENDER DRAWINGS



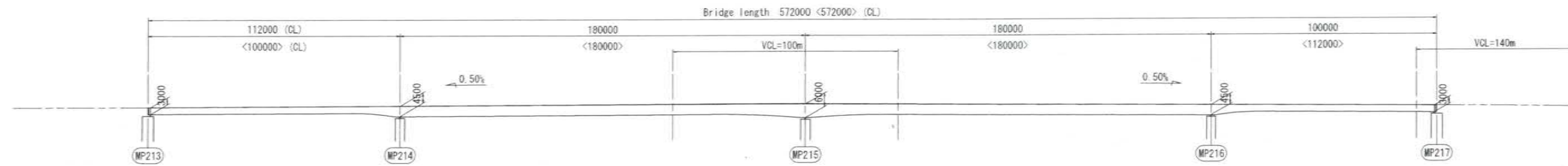
TITLE -		
General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP207-MP213)		
DATE	DRAWING NO.	REV.
	B-058	



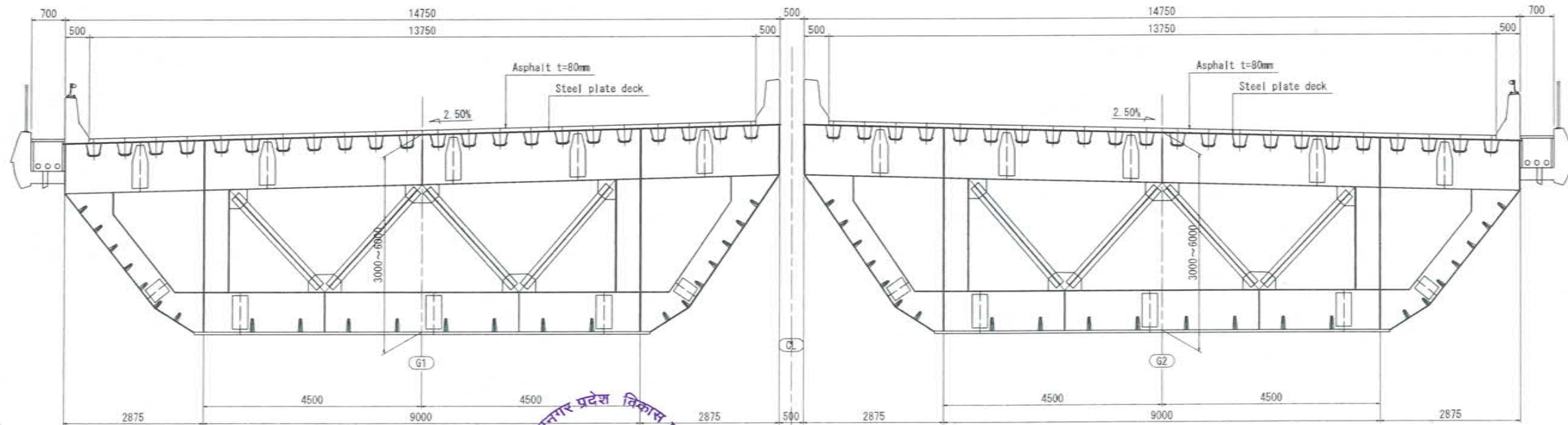
General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP213-MP217)



PLAN S=1:1000



PROFILE S=1:1000



CROSS SECTION S=1:50

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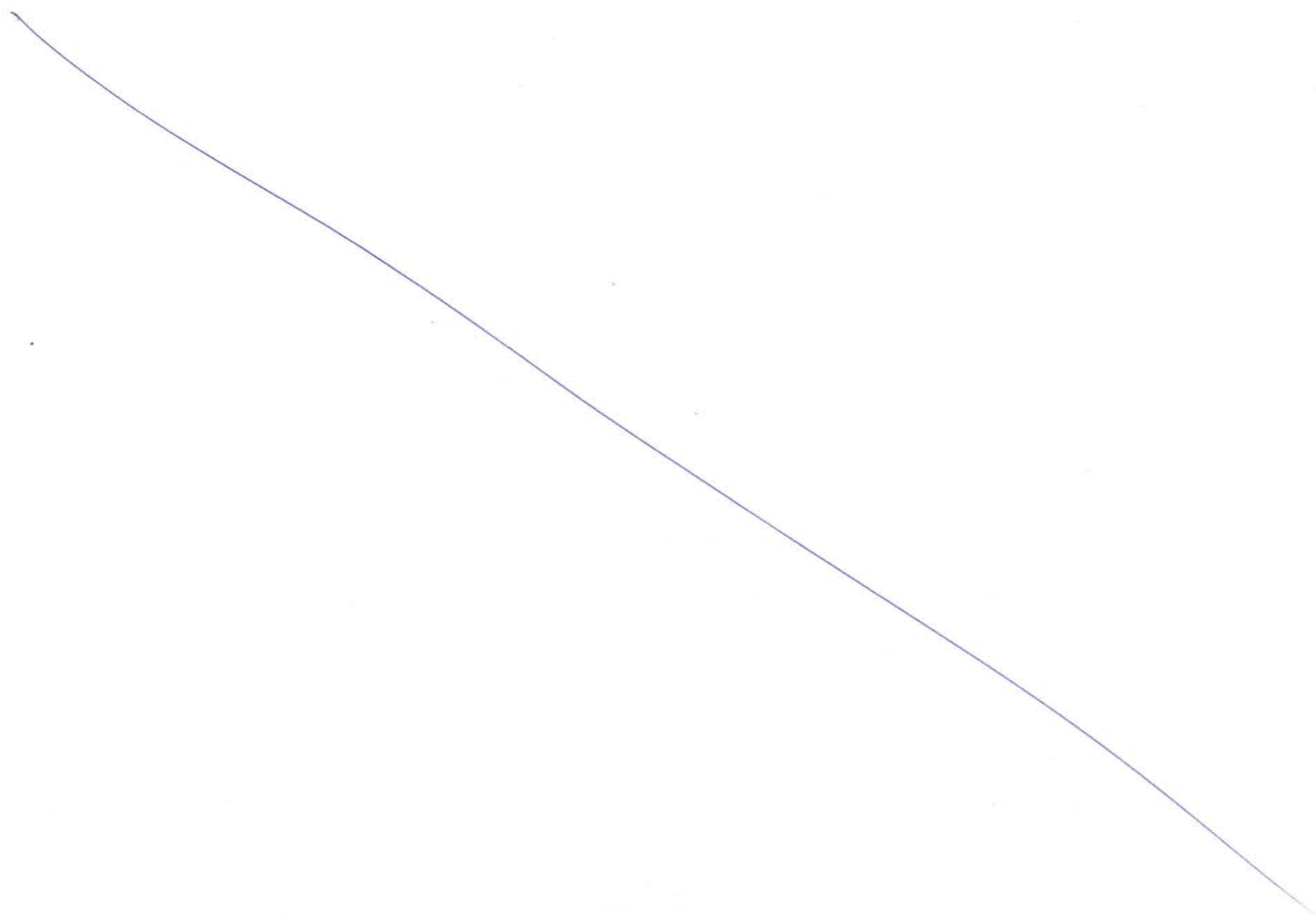
PROJECT -



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TENDER DRAWINGS



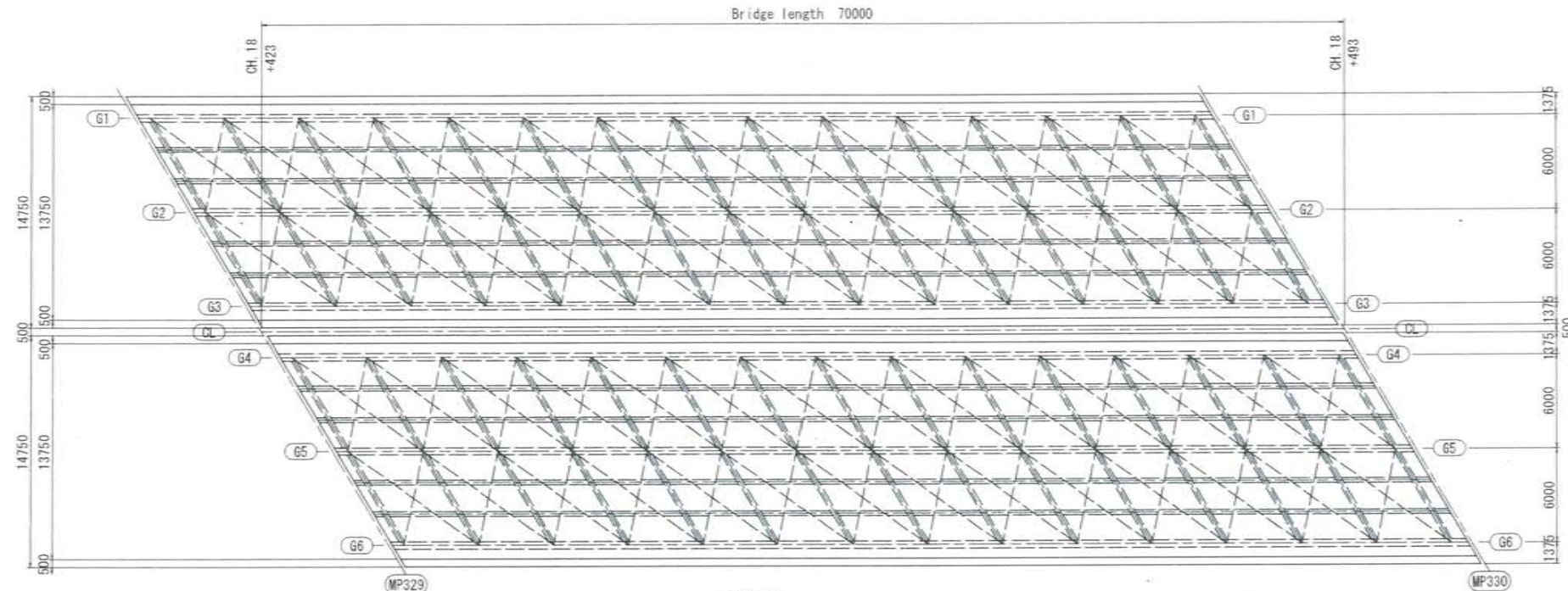
TITLE - General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP213-MP217)		
DATE	DRAWING NO. B-059	REV.



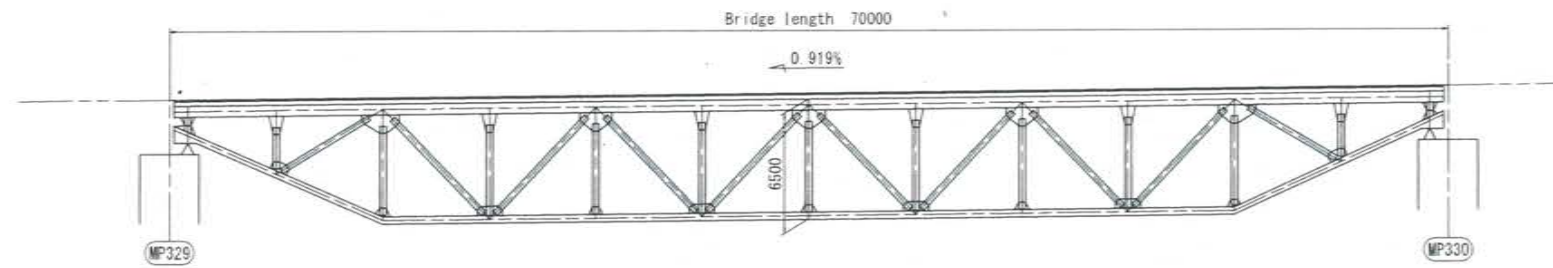
0972

General View of Superstructure of Steel Truss Bridge (MP329-MP330)

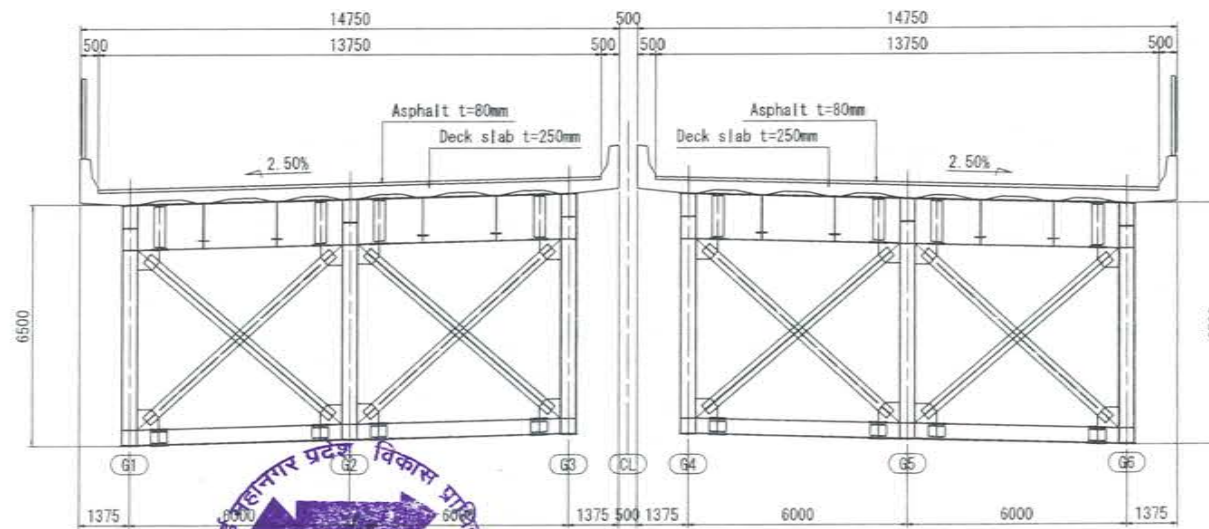
0973



PLAN S=1:200



PROFILE S=1:200



CROSS SECTION S=1:100

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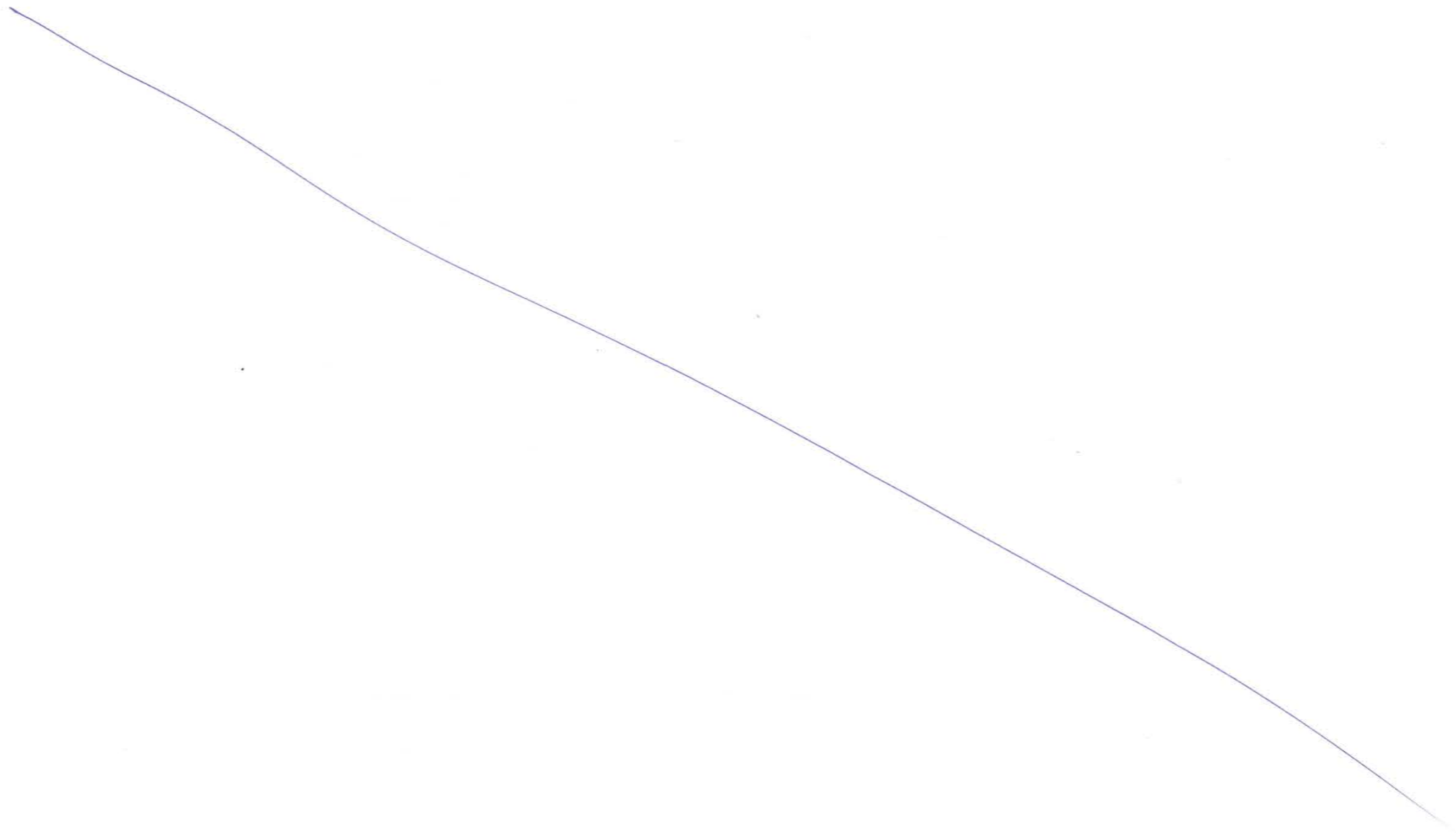
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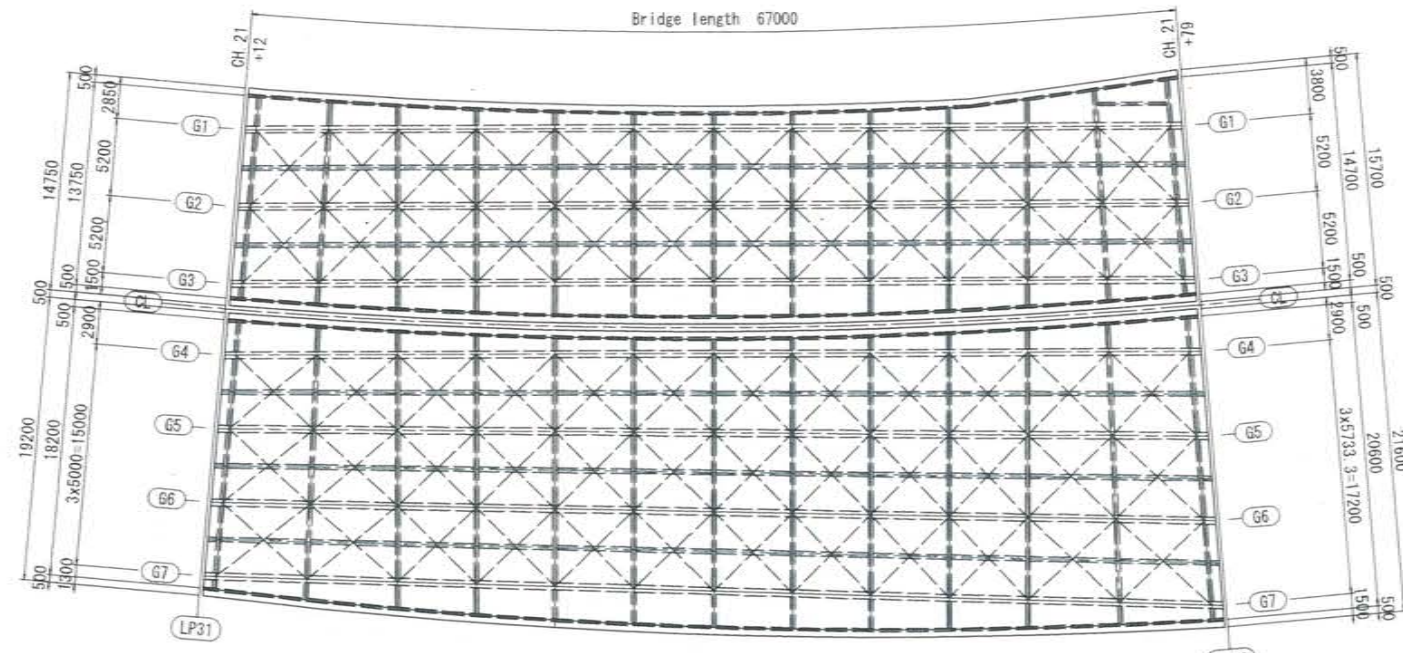


TITLE :-		General View of Superstructure of Steel Truss Bridge (MP329-MP330)	
DATE	DRAWING NO.	B-060	REV.

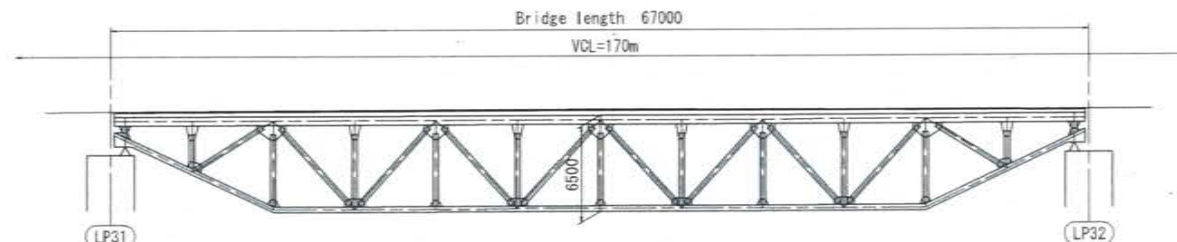


General View of Superstructure of Steel Truss Bridge (LP31-LP32)

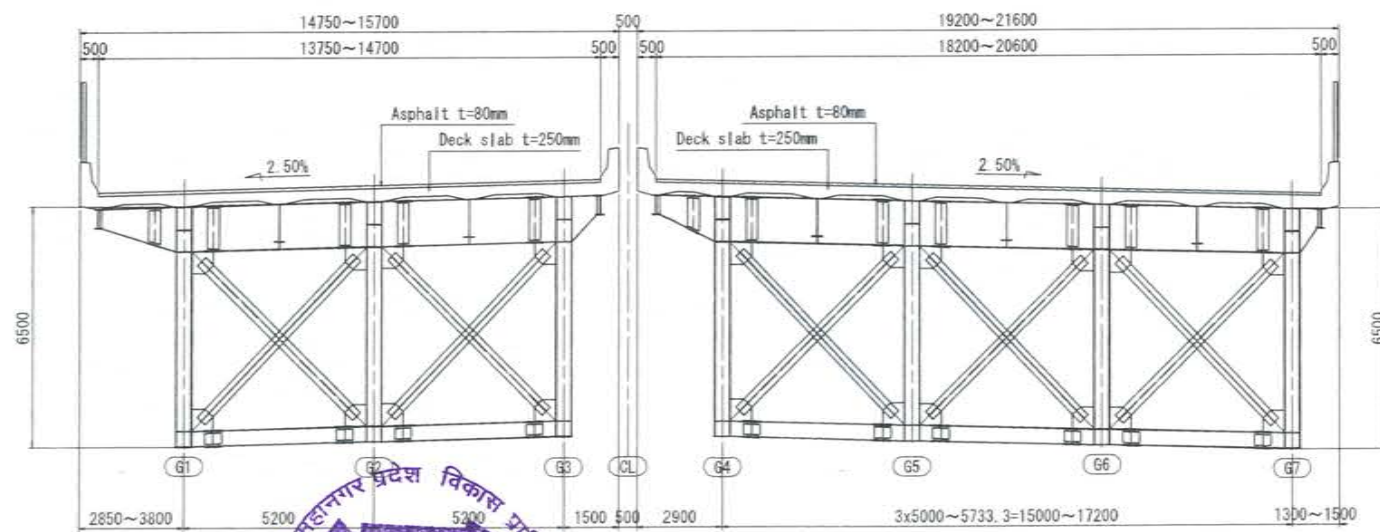
0975



PLAN S=1:250



PROFILE S=1:250



CROSS SECTION S=1:100

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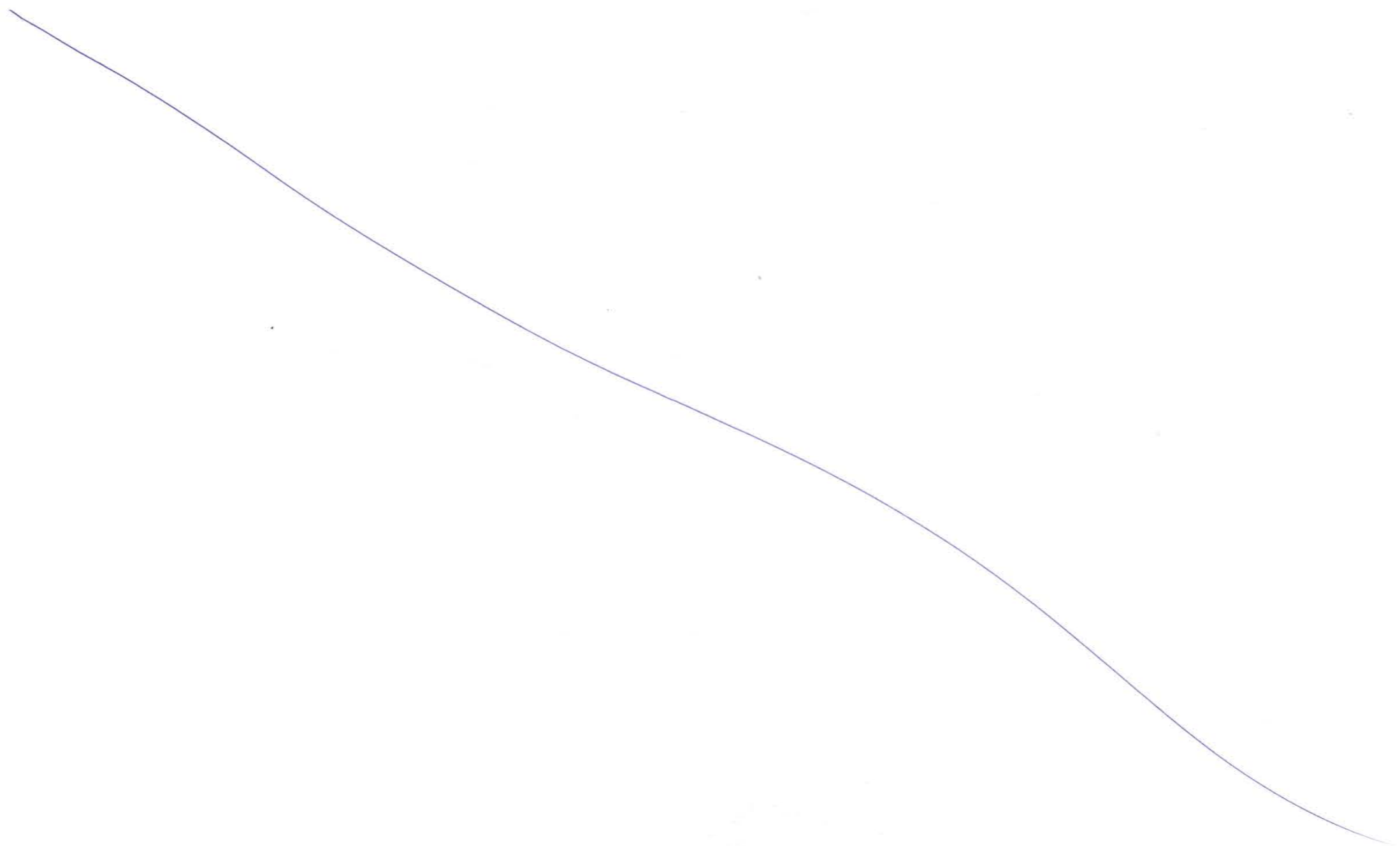


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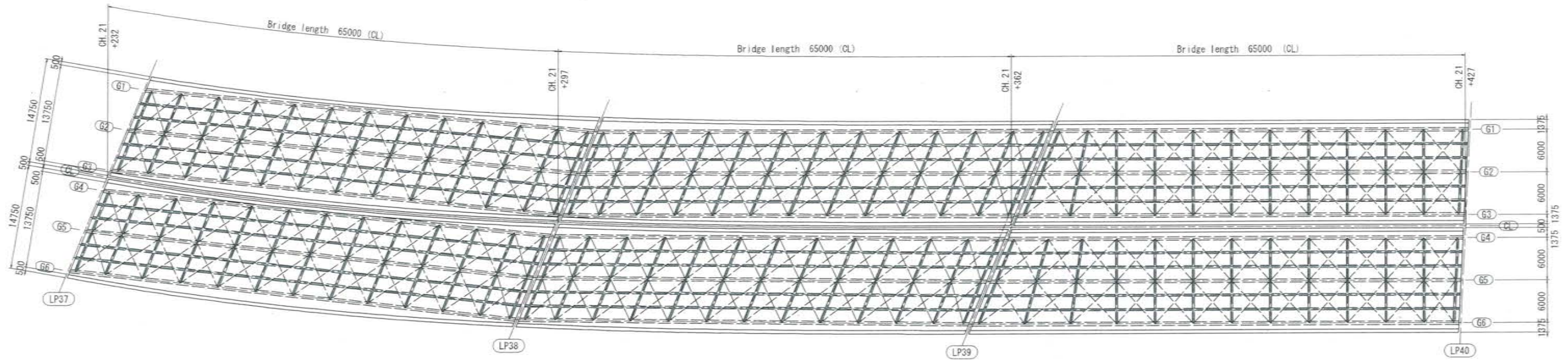
TITLE - **General View of Superstructure
of Steel Truss Bridge
(LP31-LP32)**

DATE	DRAWING NO.	REV.
	B-061	

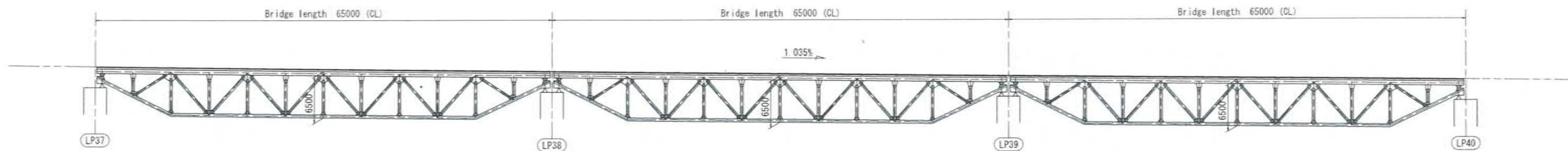


General View of Superstructure of Steel Truss Bridge (LP37-LP40)

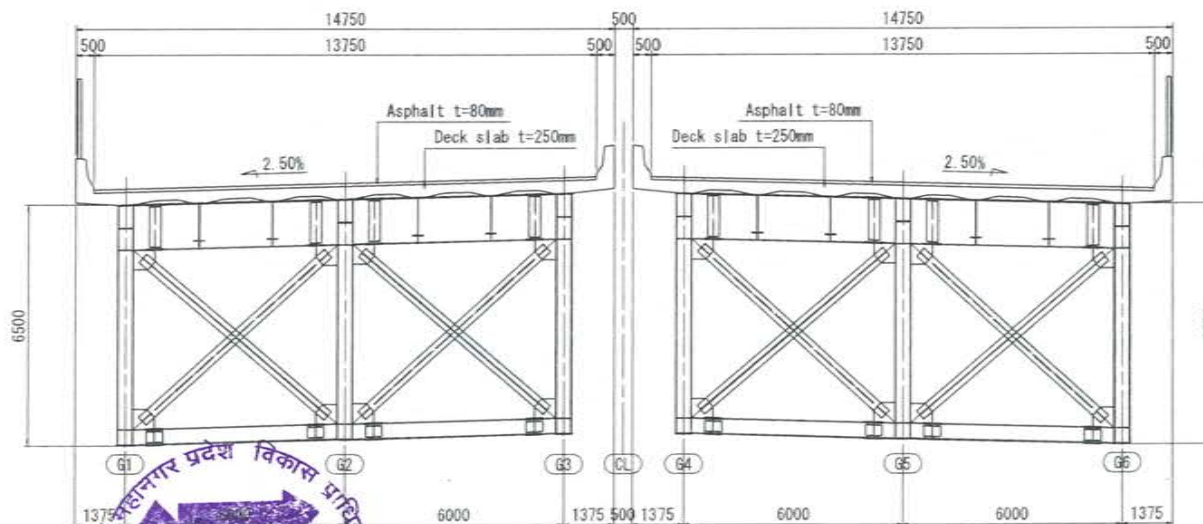
0977



PLAN S=1:300



PROFILE S=1:300



CROSS SECTION S=1:100

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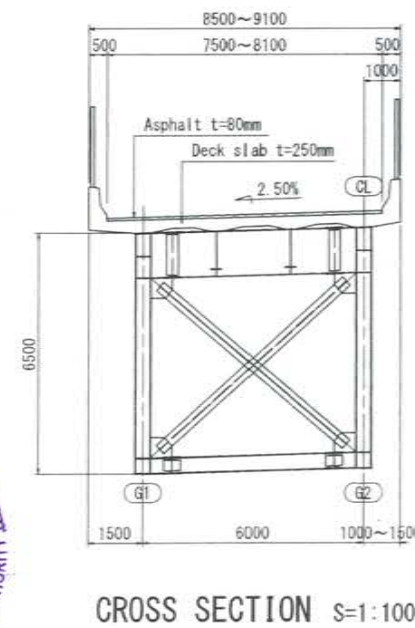
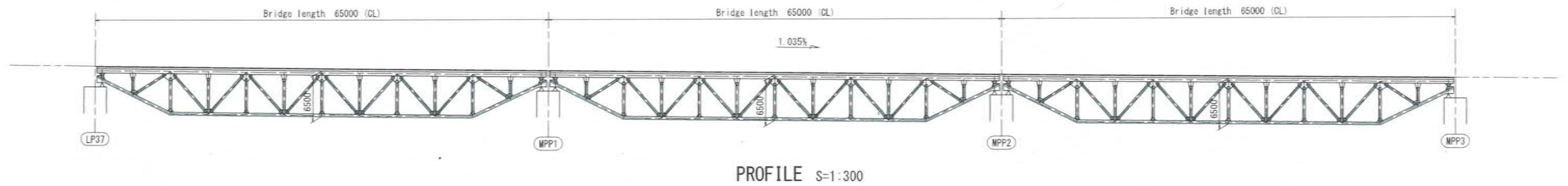
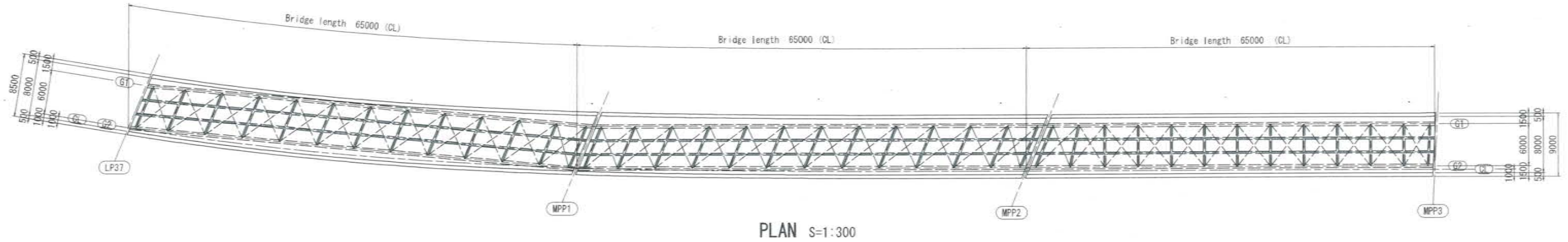


TITLE	DATE	DRAWING NO.	REV.
General View of Superstructure of Steel Truss Bridge (LP37-LP40)		B-062	



General View of Superstructure of Steel Box Girder Bridge (LP37-MPP3)

0979



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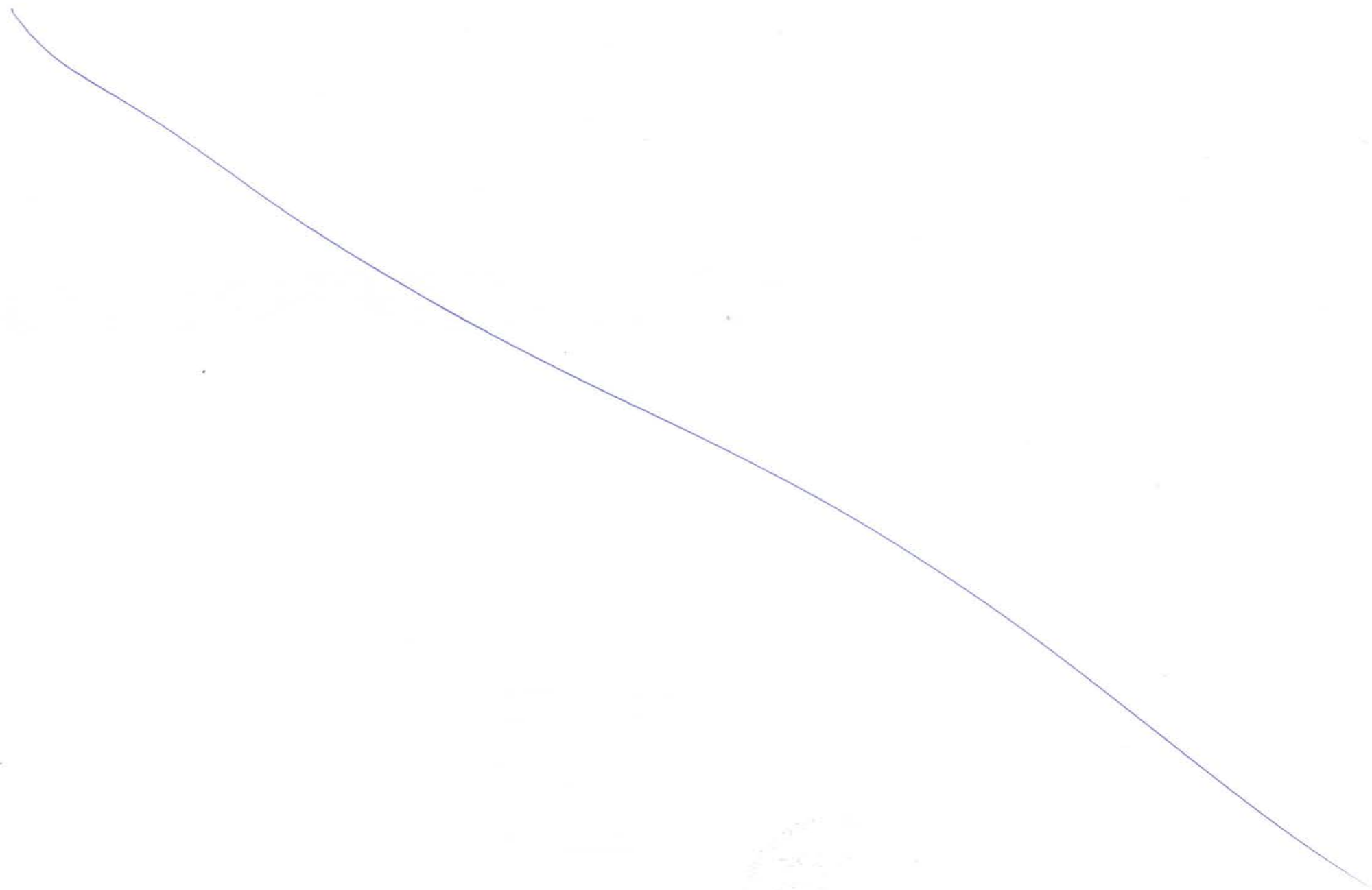
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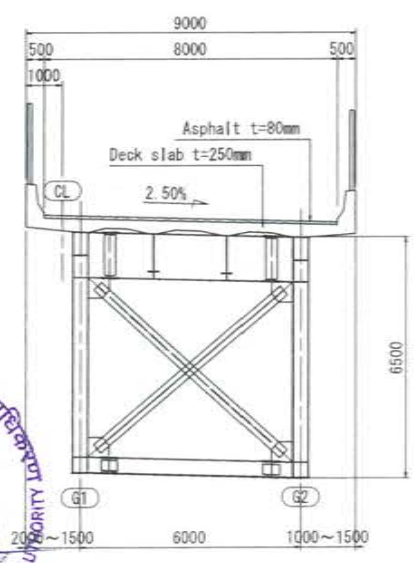
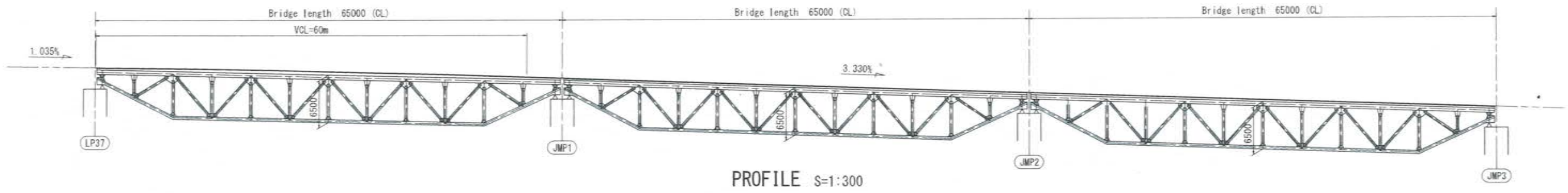
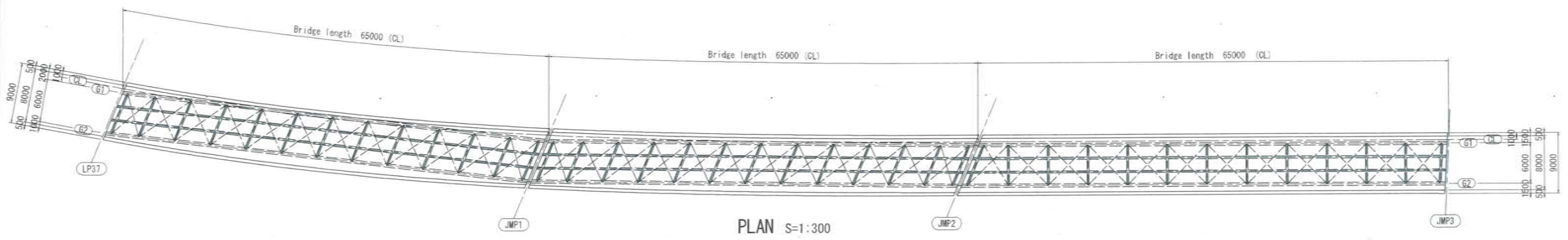


TITLE >		
General View of Superstructure of Steel Box Girder Bridge (LP37-MPP3)		
DATE	DRAWING NO.	REV.
	B-063	



5

General View of Superstructure of Steel Box Girder Bridge (LP37-JMP3)



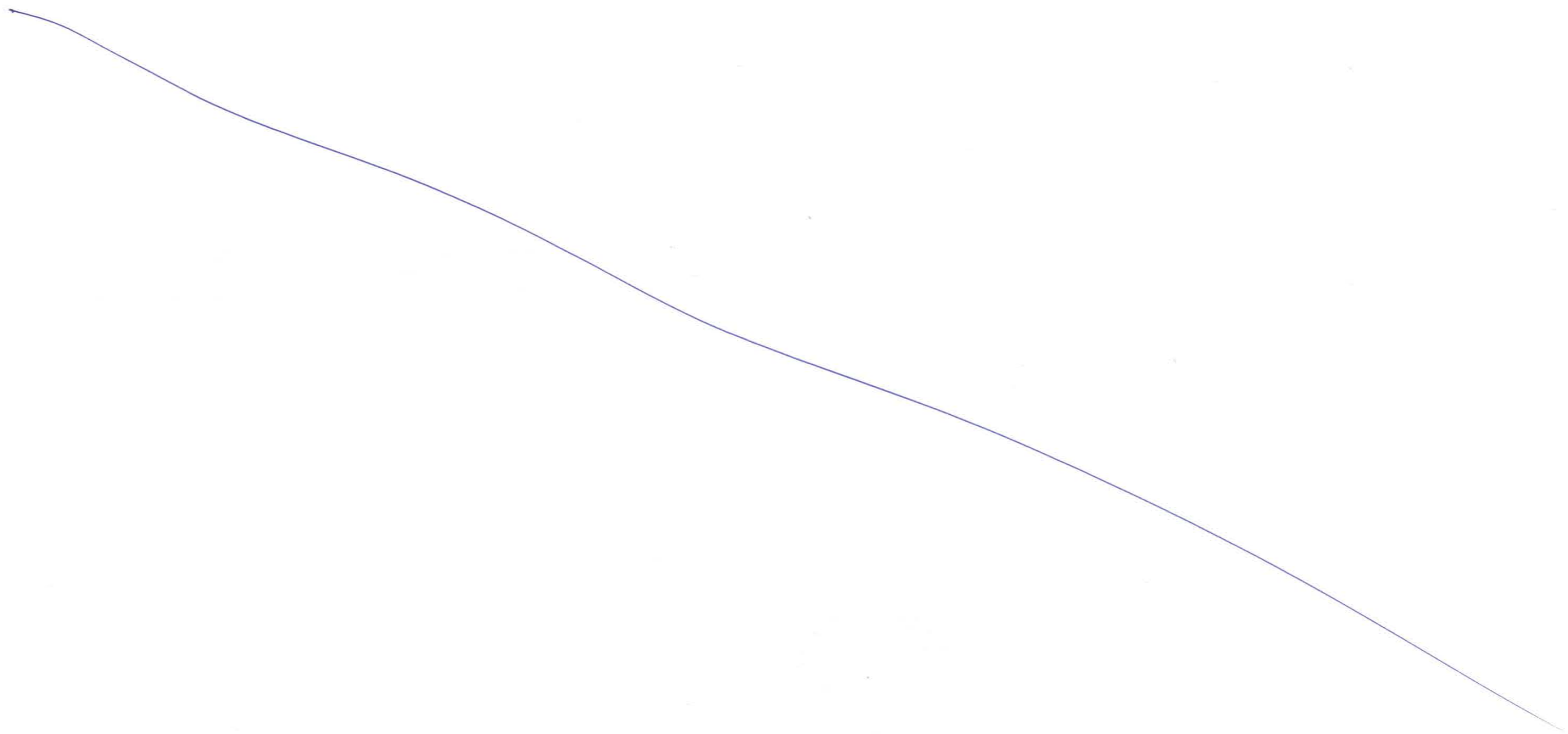
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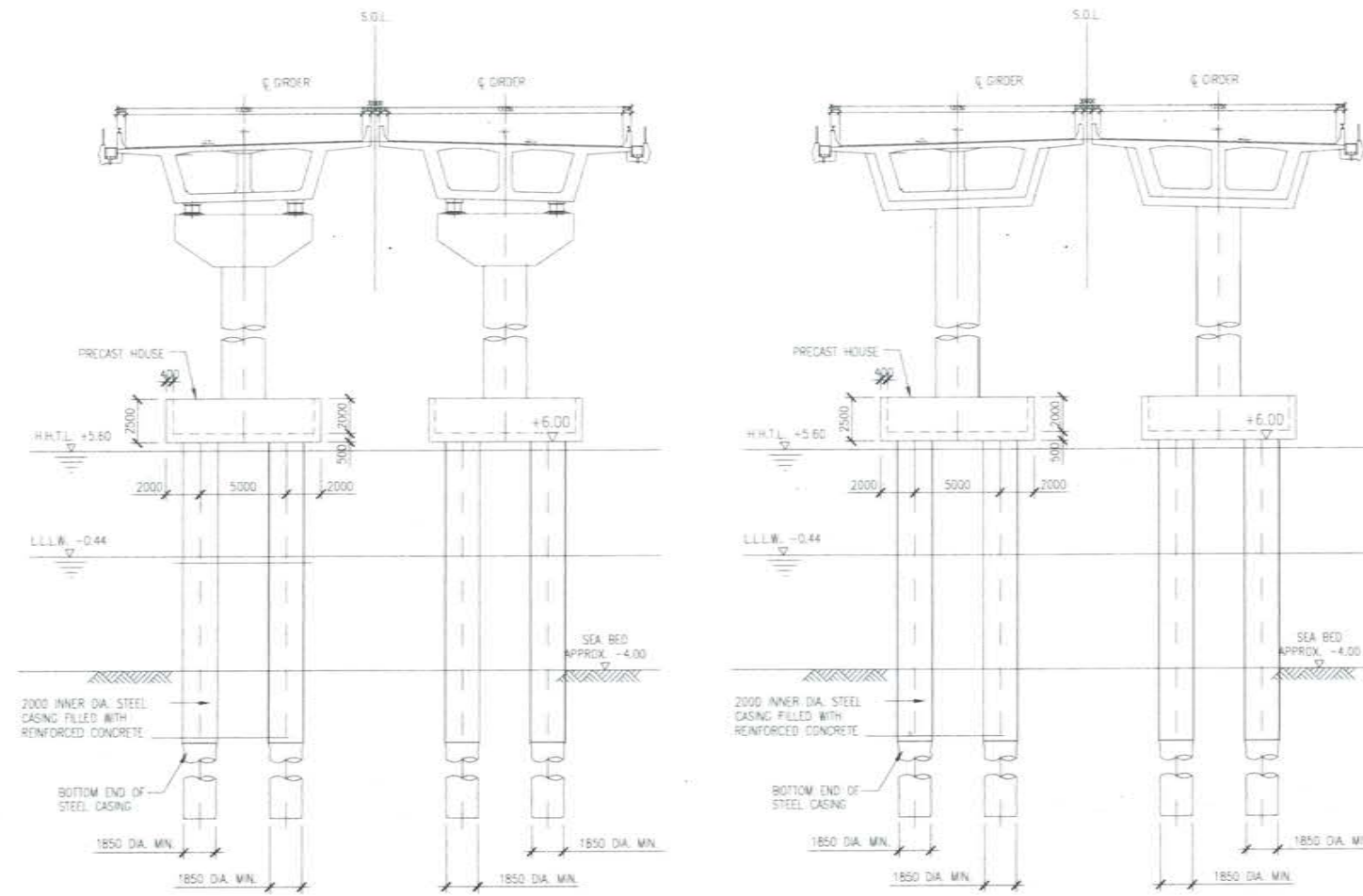


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General View of Superstructure of Steel Box Girder Bridge (LP37-JMP3)	
DATE	REV.
DRAWING NO. B-064	

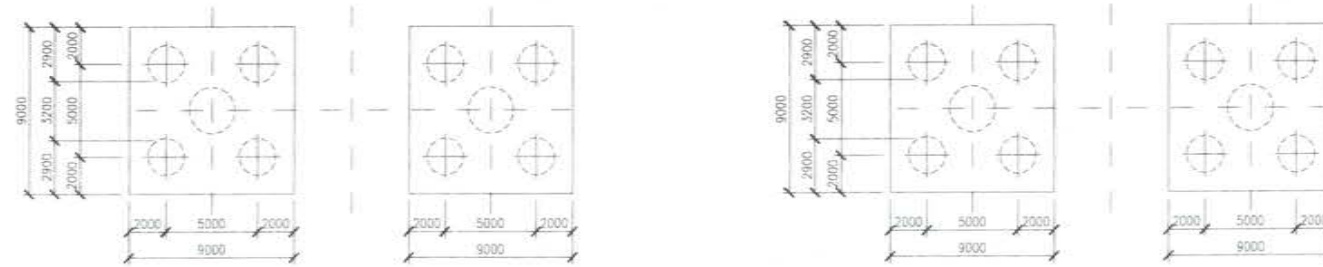


General View of Substructure at sea (1/4)

0983



TYPICAL CROSS SECTION OF PIER AT SEA



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TITLE -

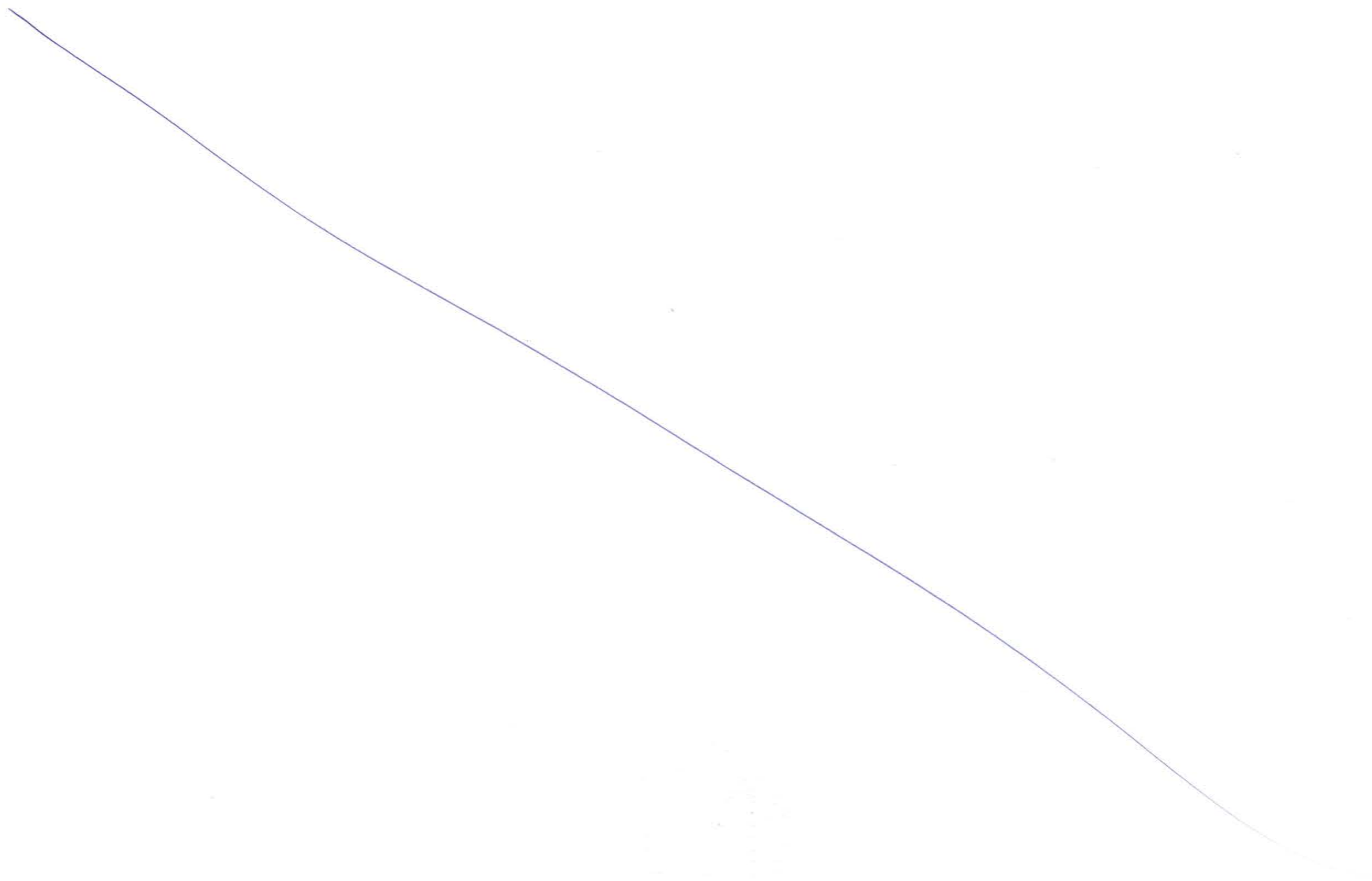
General View of Substructure at sea (1/4)

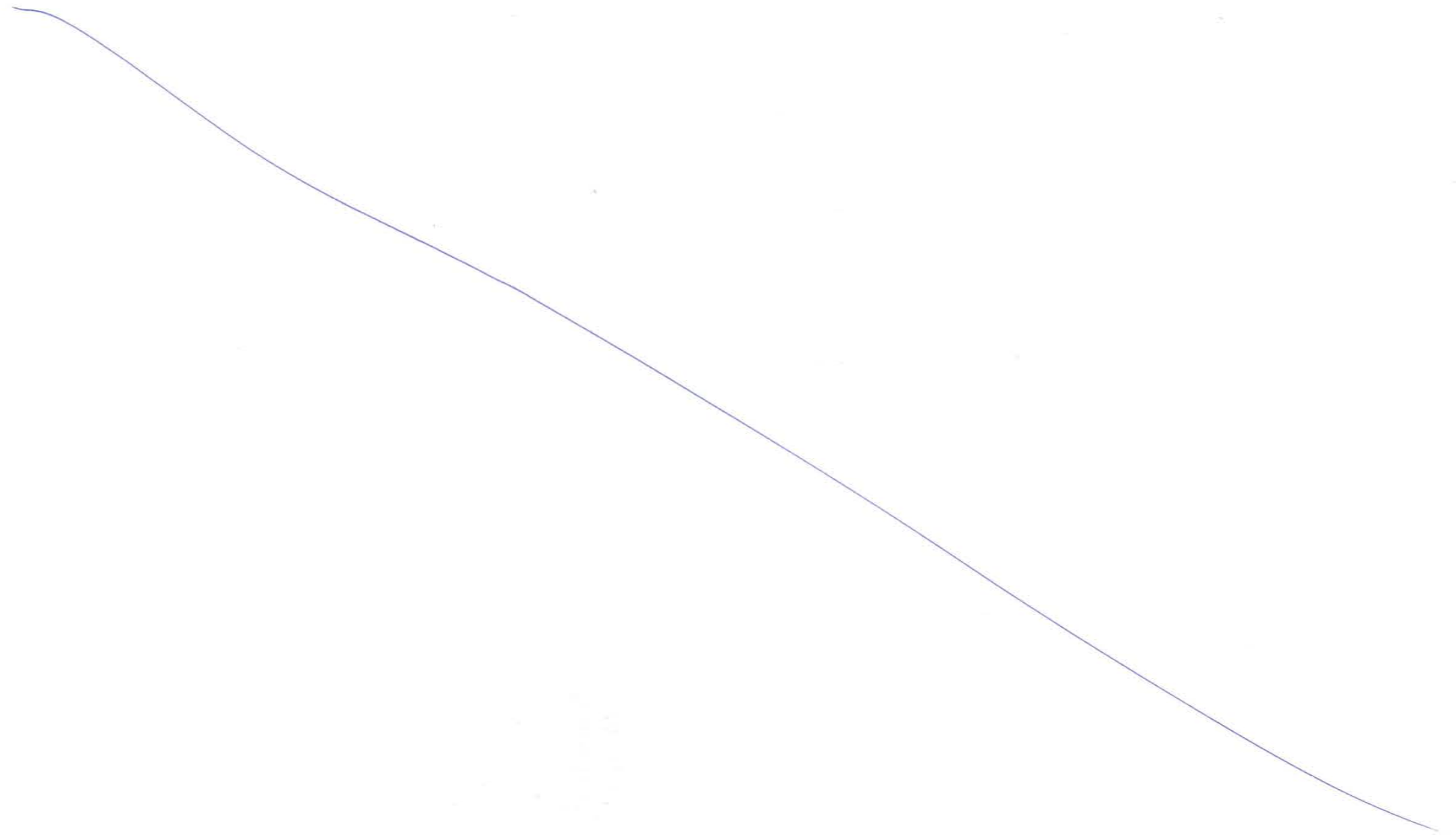
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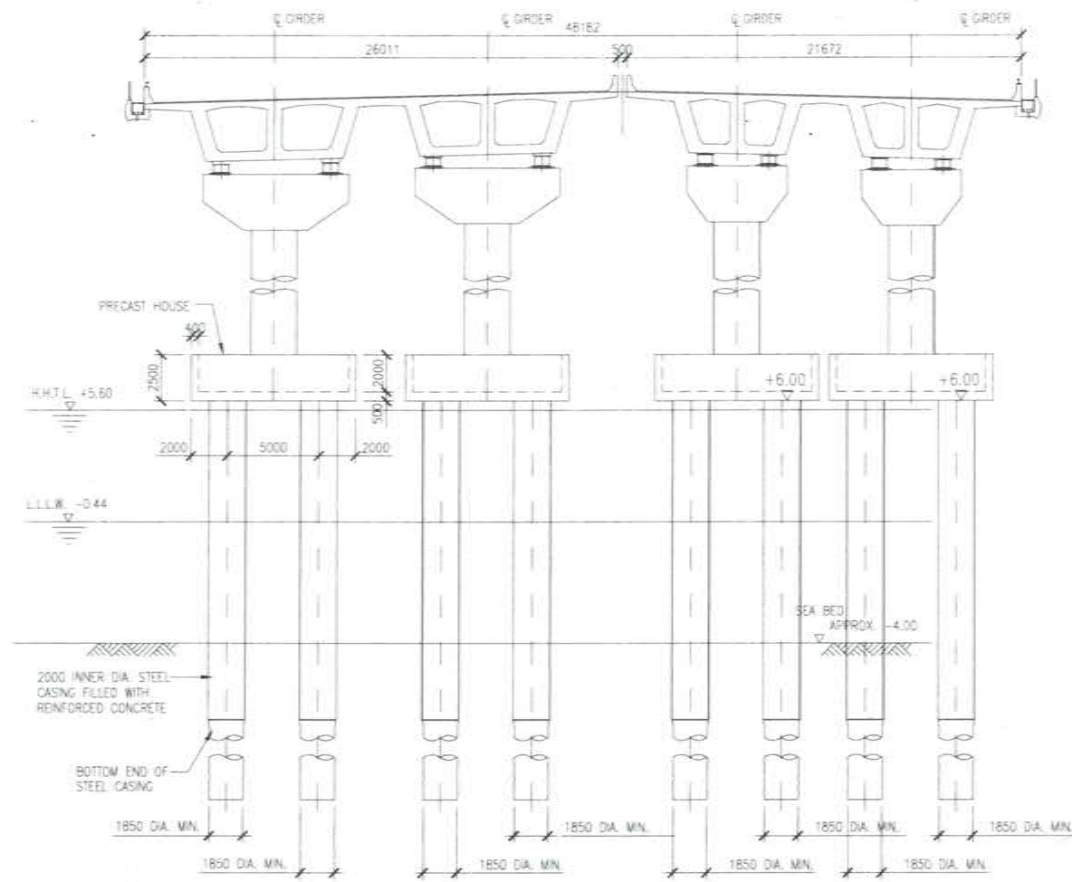
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B-065

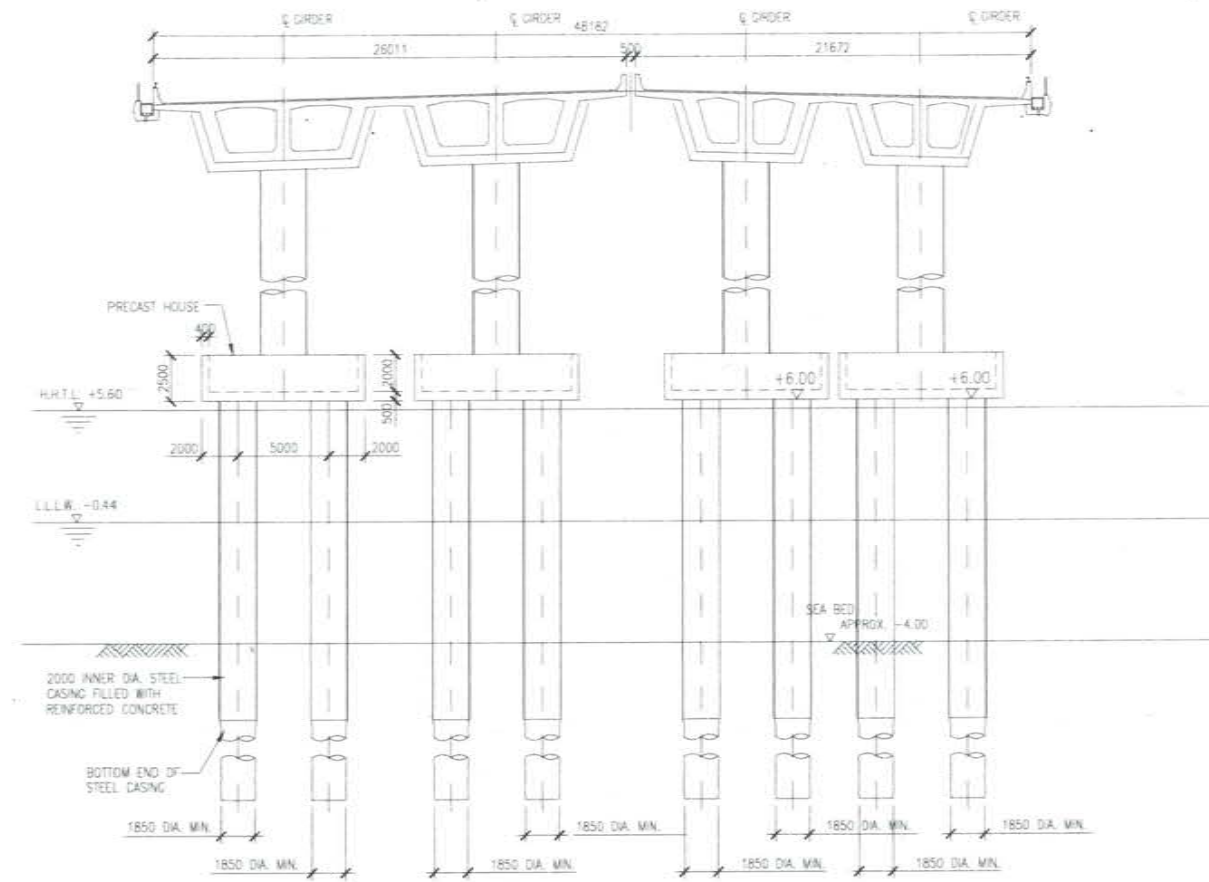
REV.



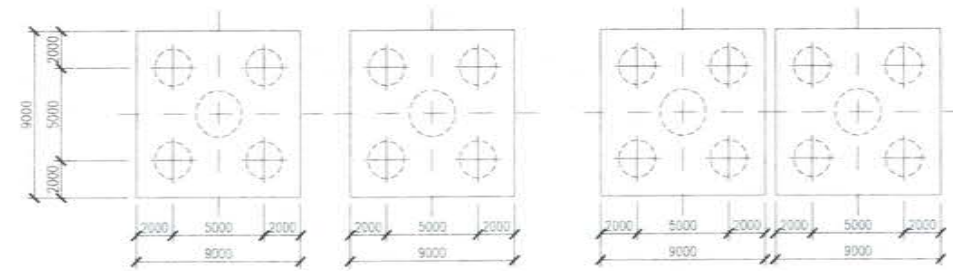
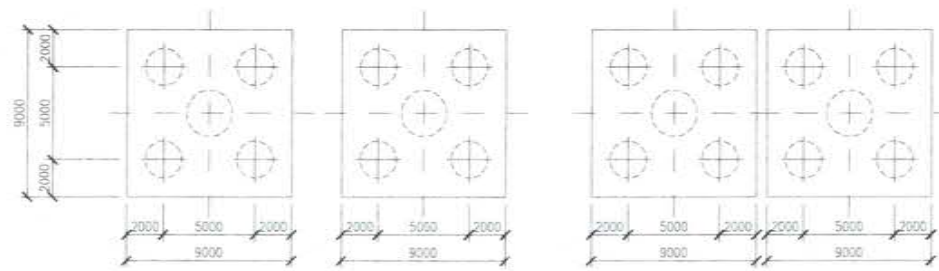




CROSS SECTION AT MP PIER 6



CROSS SECTION AT MP PIER 7



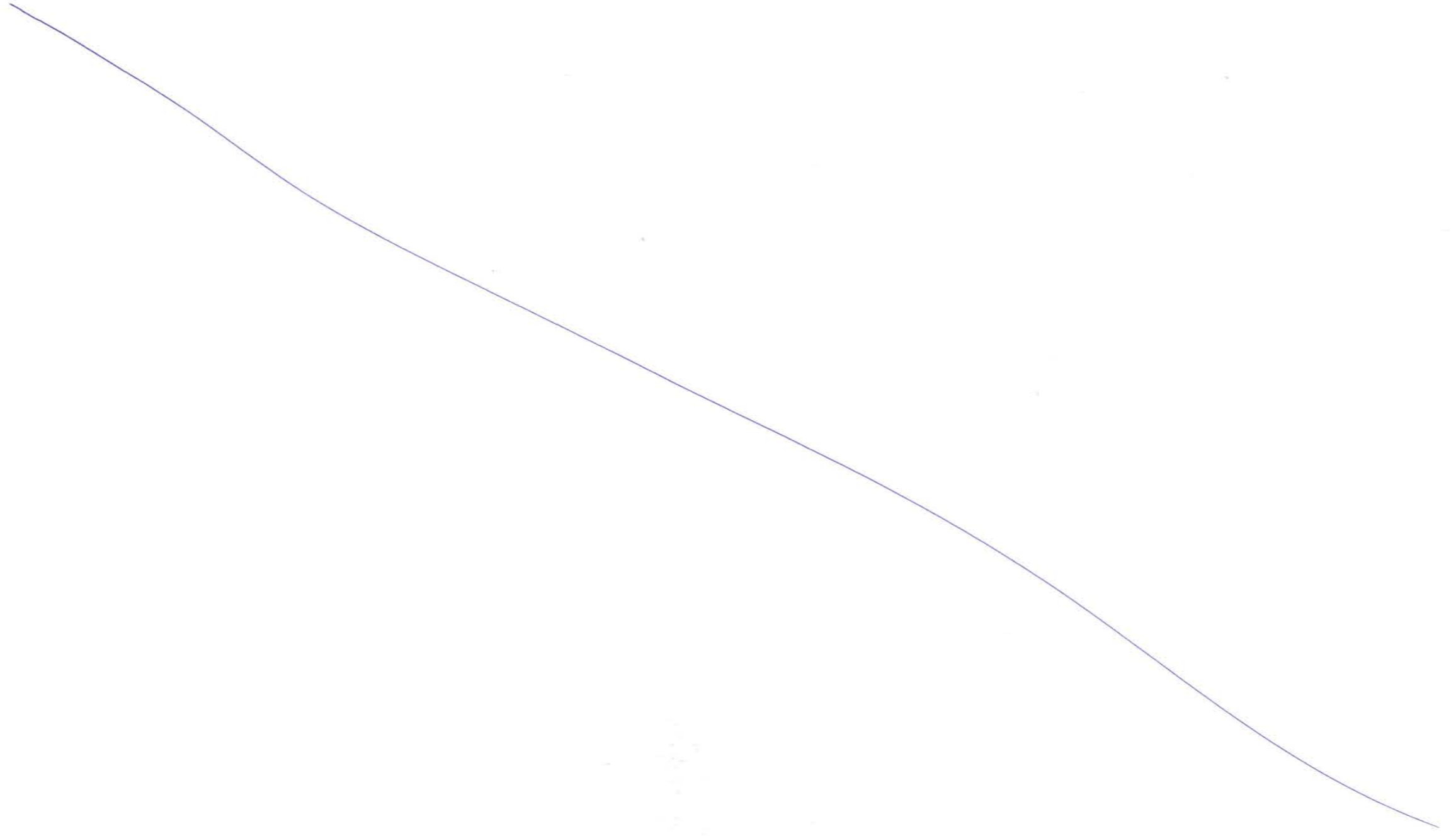
NAME	SIGN
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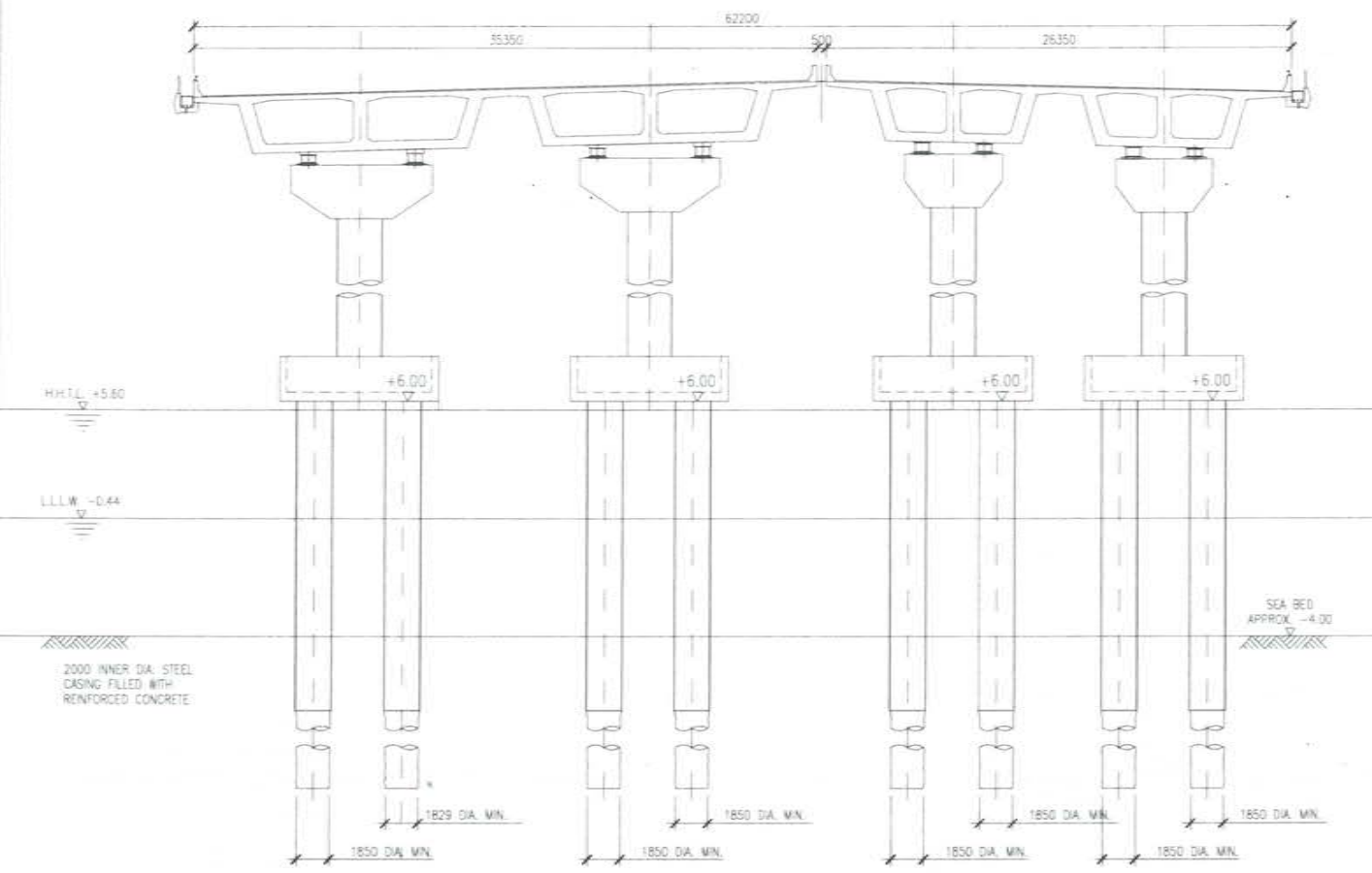
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
 TENDER DRAWINGS



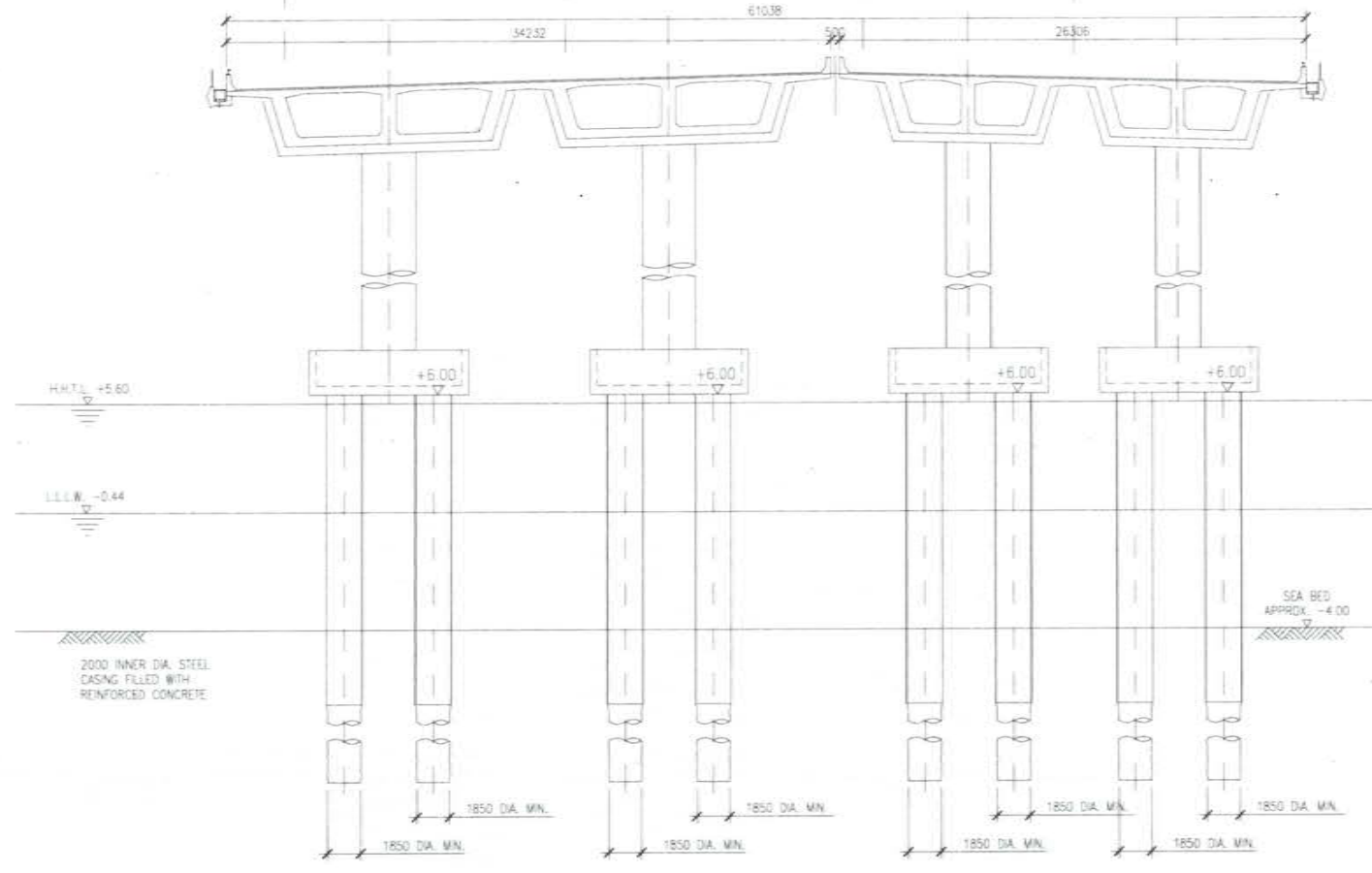
TITLE - General View of Substructure at sea (3/4)		
DATE	DRAWING NO. B-067	REV.



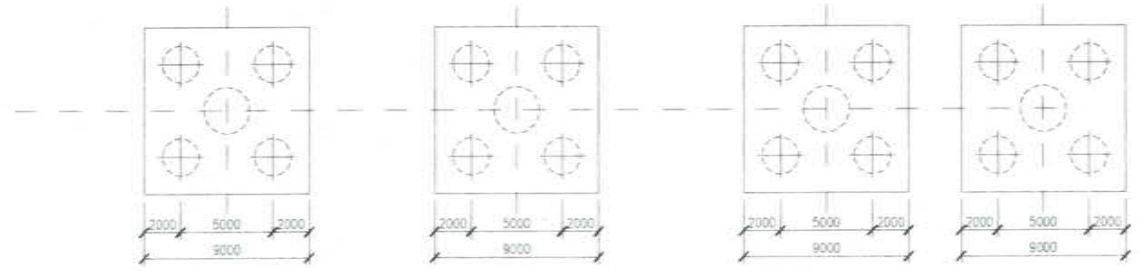
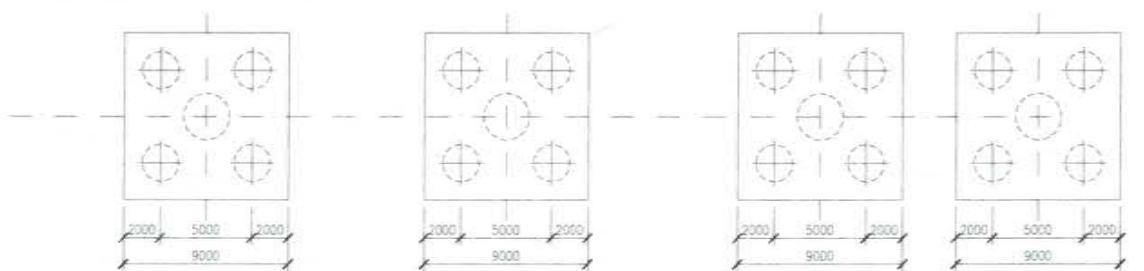
General View of Substructure at sea (4/4)



CROSS SECTION AT MP PIER 3



CROSS SECTION AT MP PIER 2, 4, 5



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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

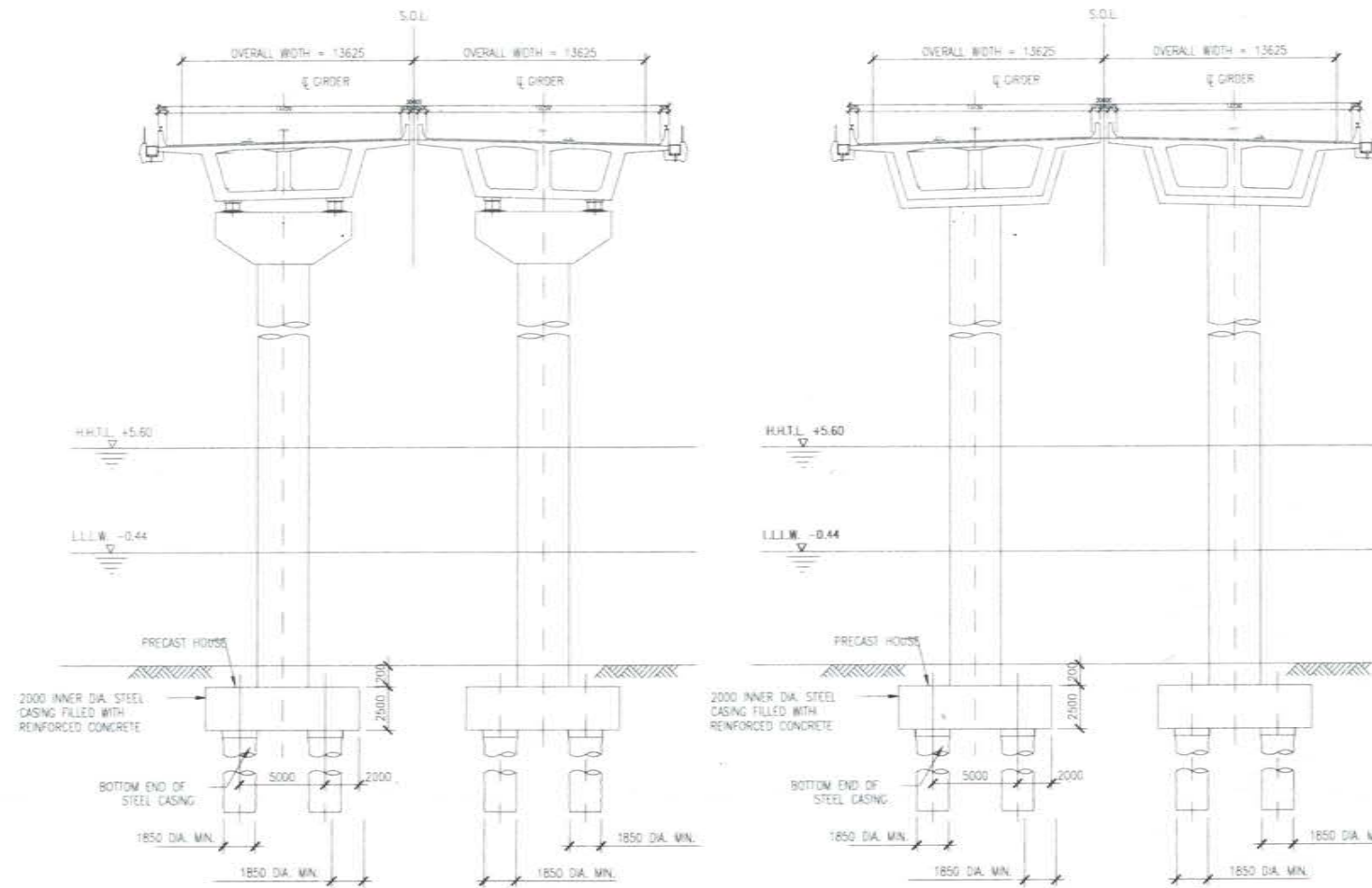
PROJECT - **MUMBAI TRANS HARBOUR LINK PROJECT**
TENDER DRAWINGS



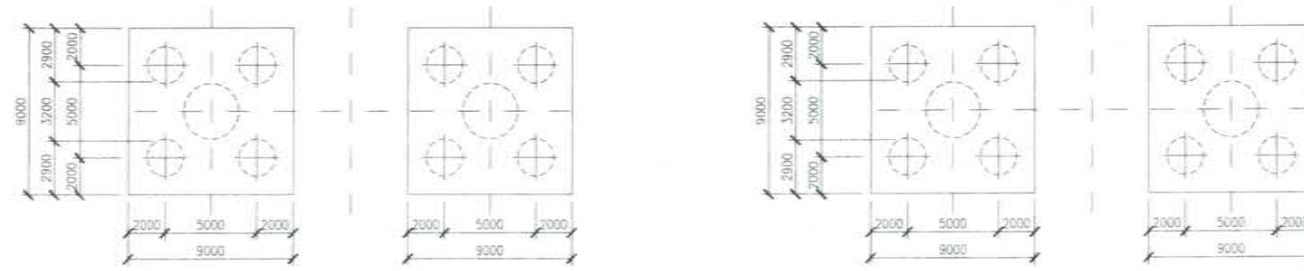
TITLE - General View of Substructure at sea (4/4)		
DATE	DRAWING NO. B-068	REV.



General View of Substructure at Land (1/2)



TYPICAL CROSS SECTION OF PIER AT LAND (SPAN=50M)
(NAVI MUMBAI AIRPORT SIDE)



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APPROVED BY	



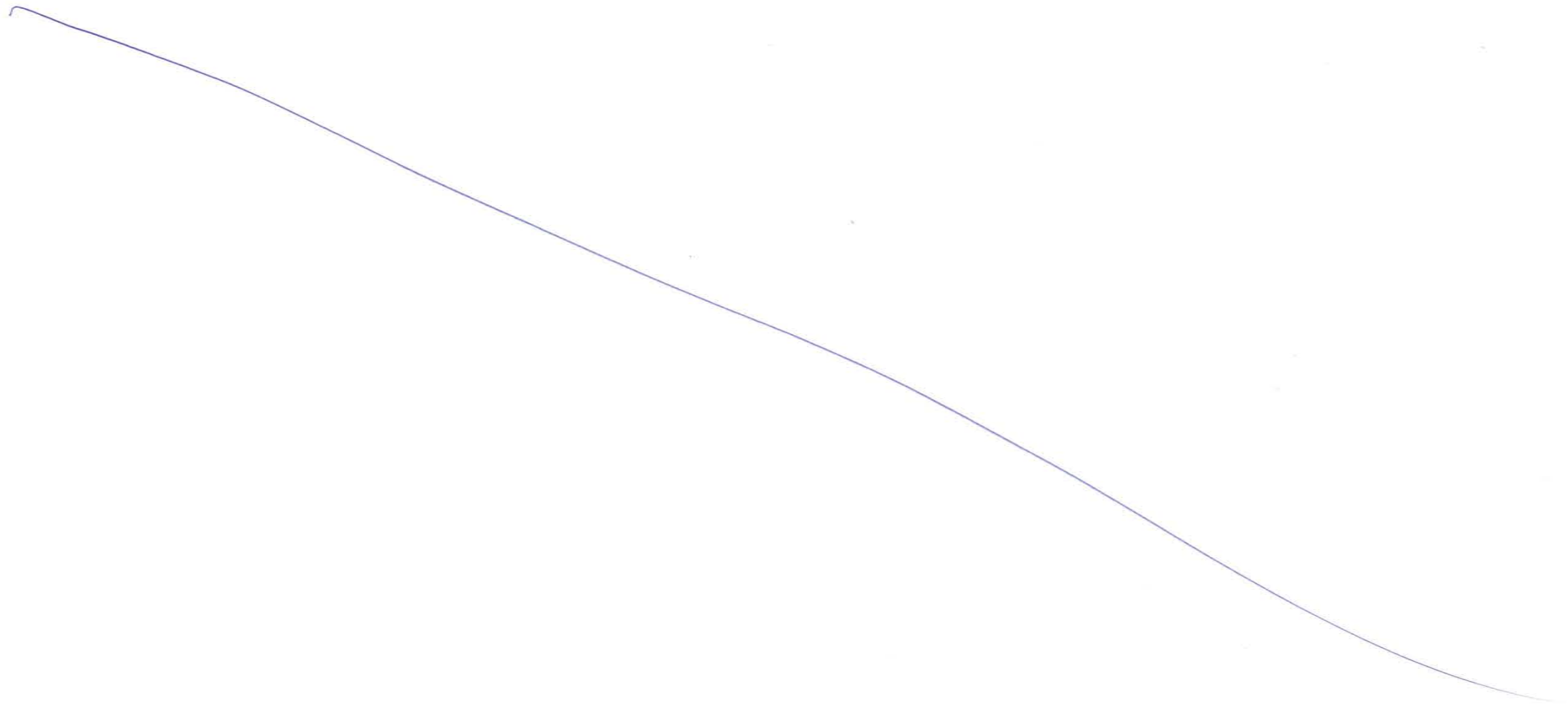
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY



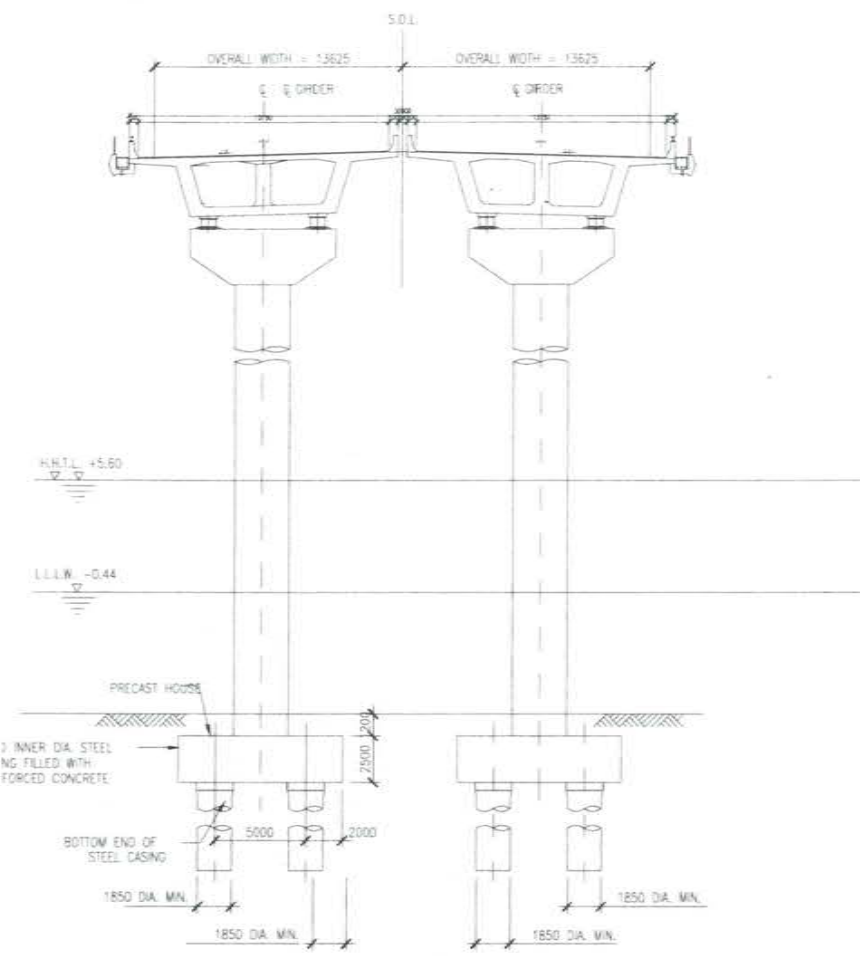
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



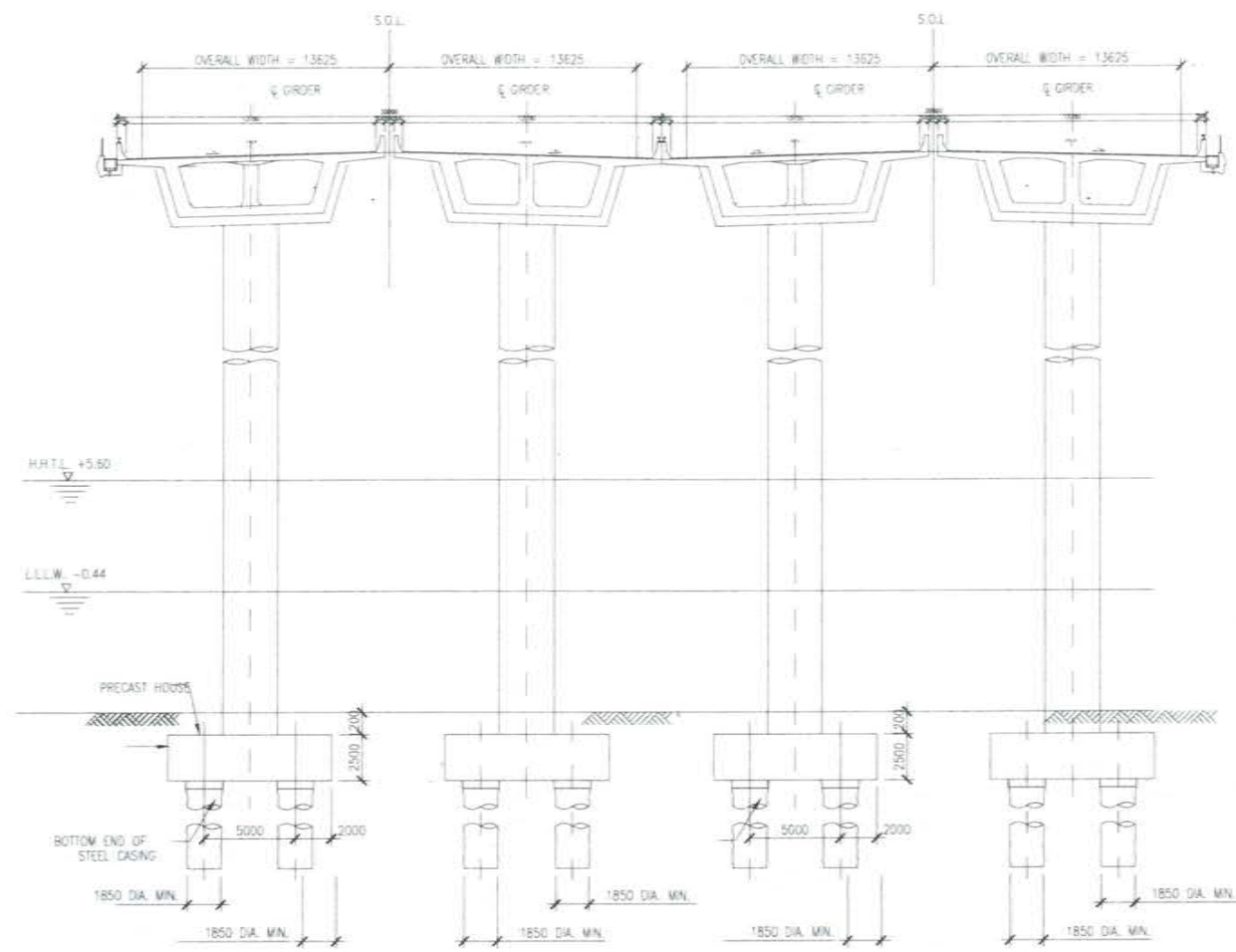
TITLE	General View of Substructure at Land (1/2)	
DATE	DRAWING NO.	REV.
	B-069	



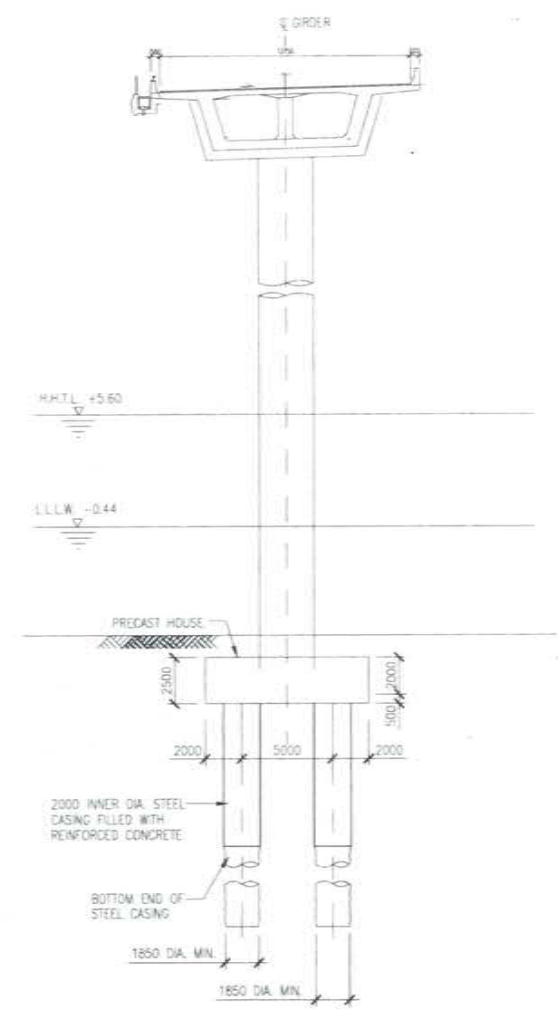
General View of Substructure at Land (2/2)



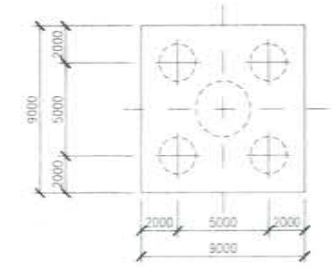
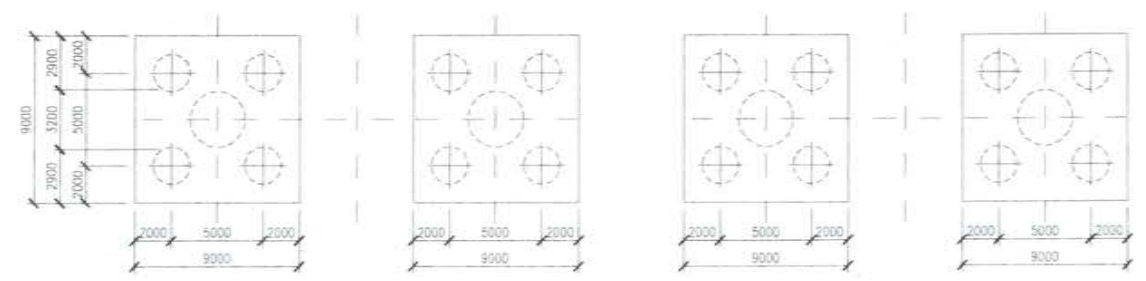
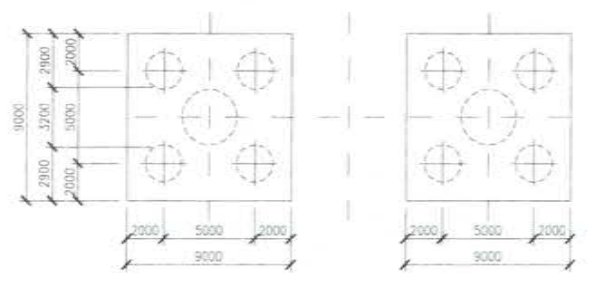
CROSS SECTION AT MP PIER 290



CROSS SECTION AT MP PIER 285,286,287



CROSS SECTION AT MP PIER 288



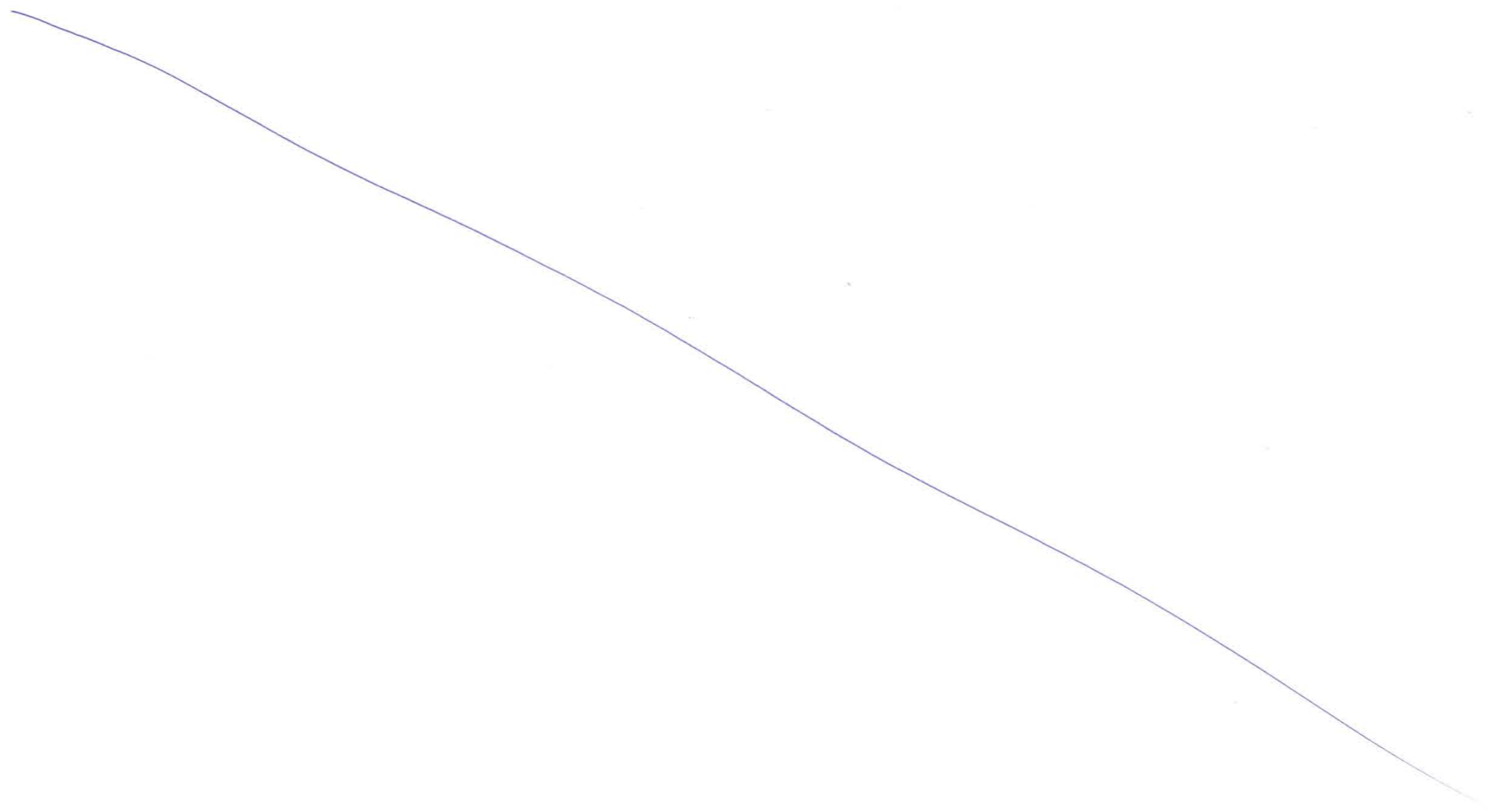
NAME	IGN
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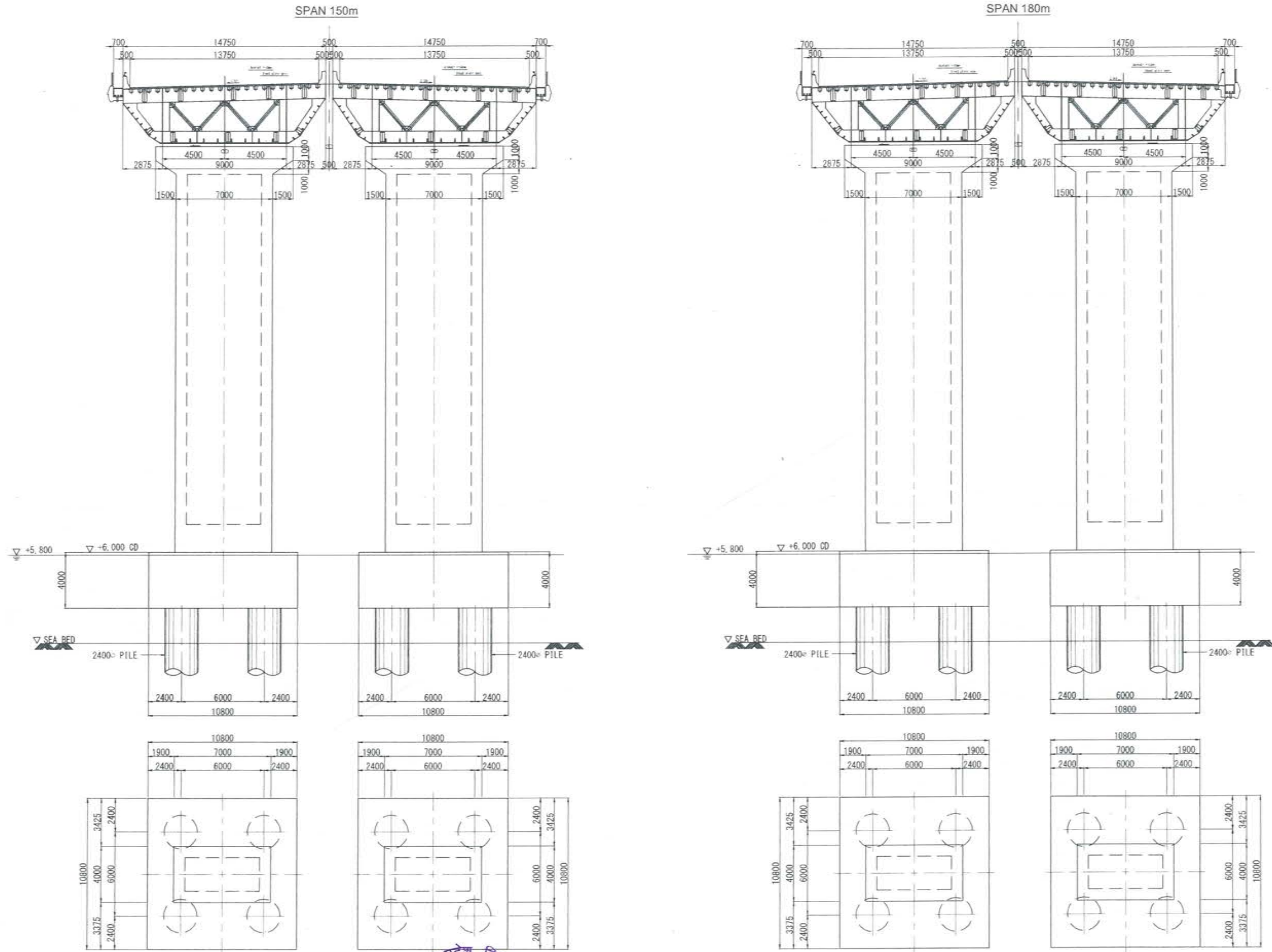
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE	General View of Substructure at Land (2/2)	
DATE	DRAWING NO.	REV.
	B-070	



General View of Substructure at Steel Box Girder Bridge with Steel Slab



(MP59~62)

(MP87~93)

CROSS SECTION OF MARINE BRIDGE

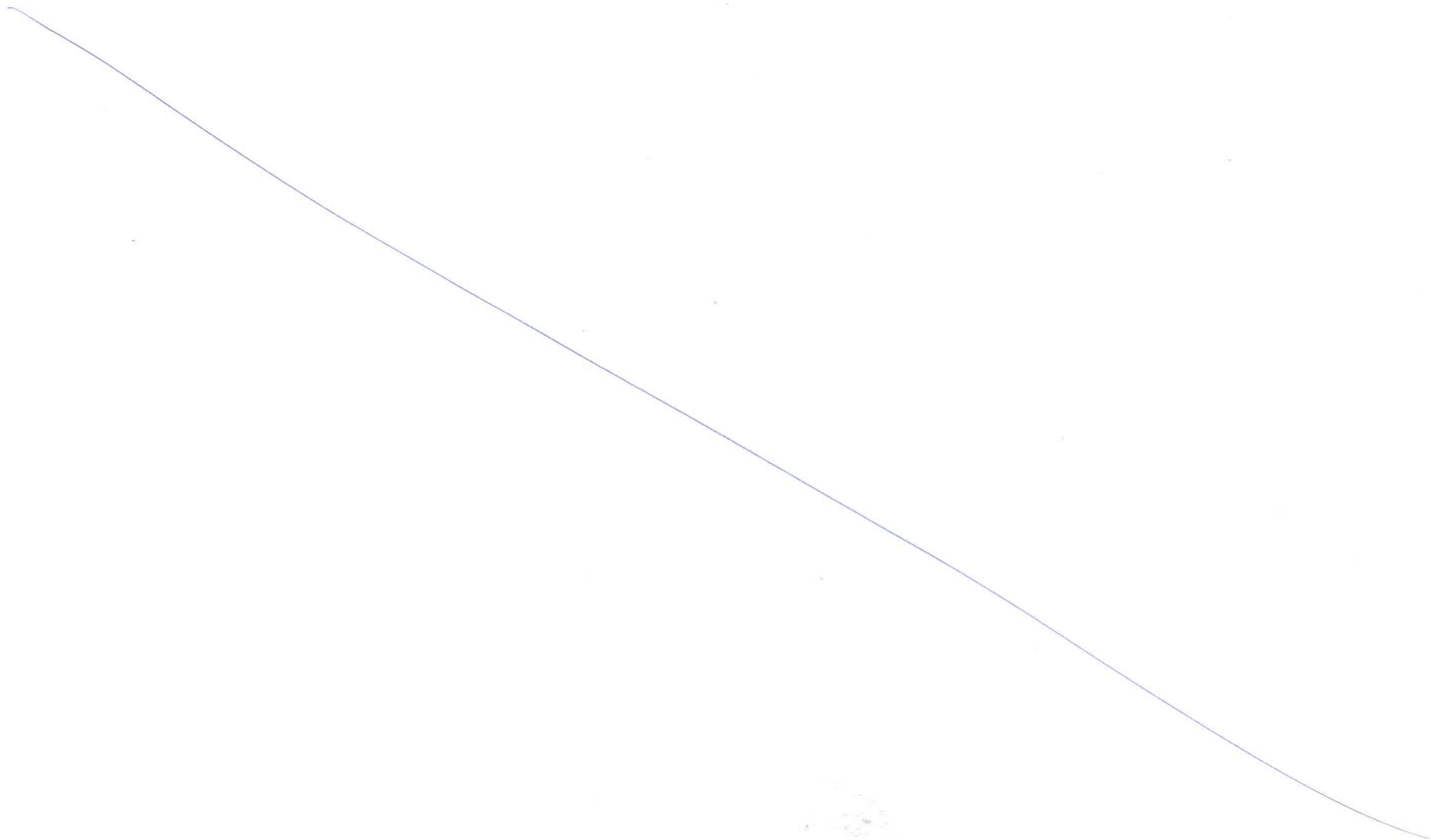
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APPROVED BY	



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TENDER DRAWINGS



TITLE -	General View of Substructure at Steel Box Girder Bridge with Steel Slab	
DATE	DRAWING NO.	REV.
	B-071	



Plan of Sewri Interchange

0997



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PROJECT ->

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE ->

Plan of Sewri Interchange

DATE

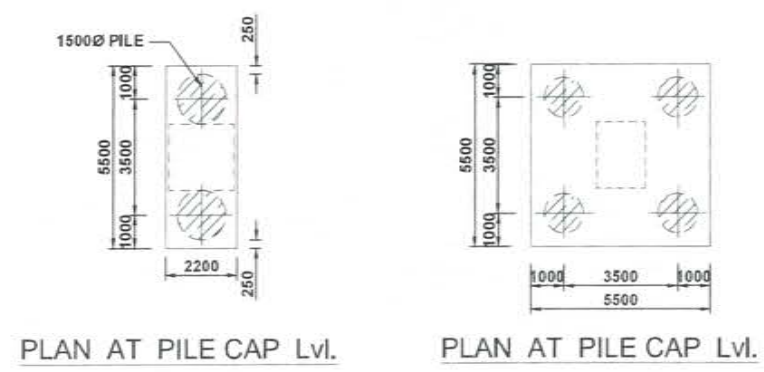
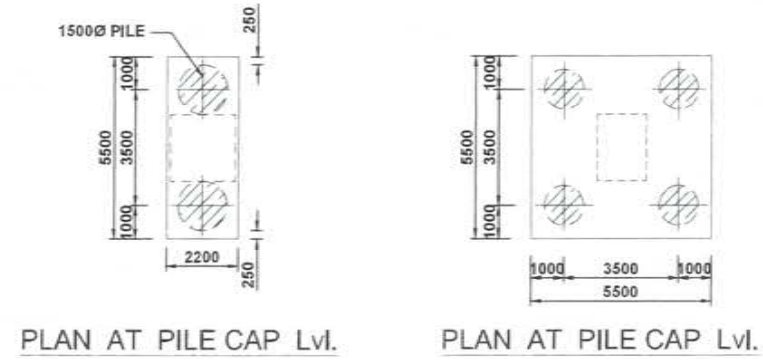
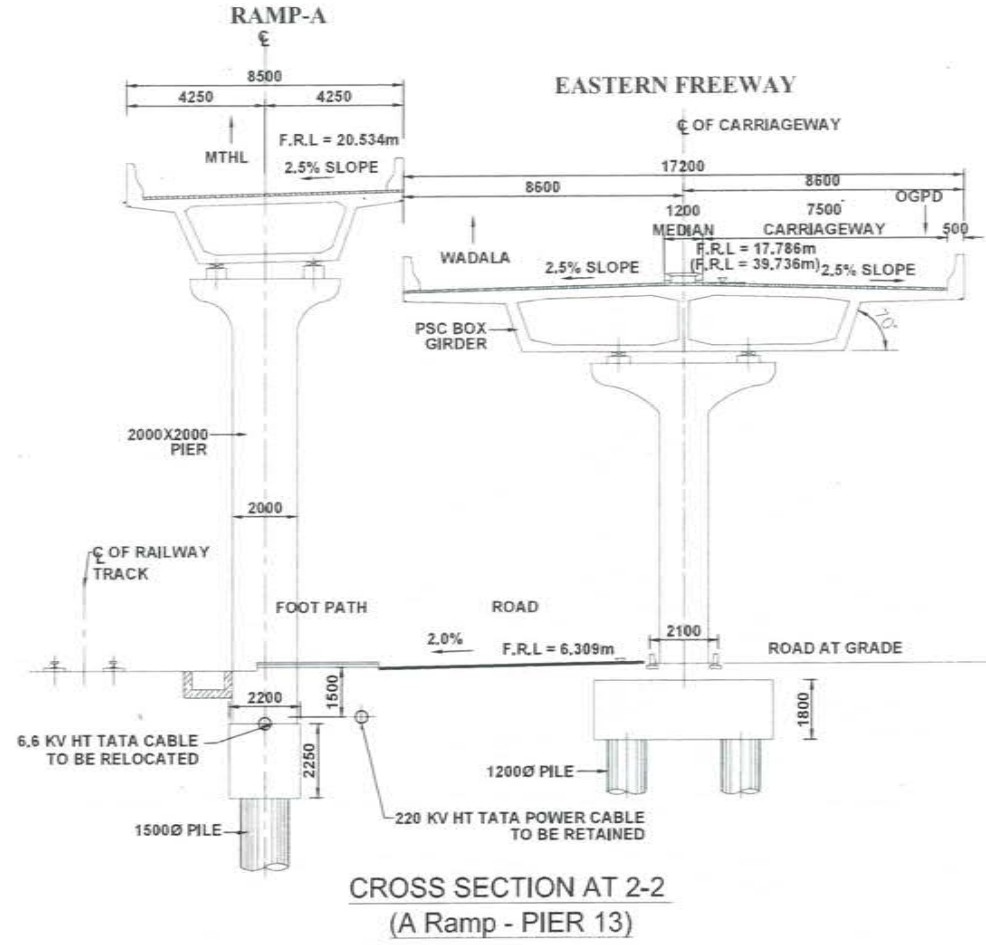
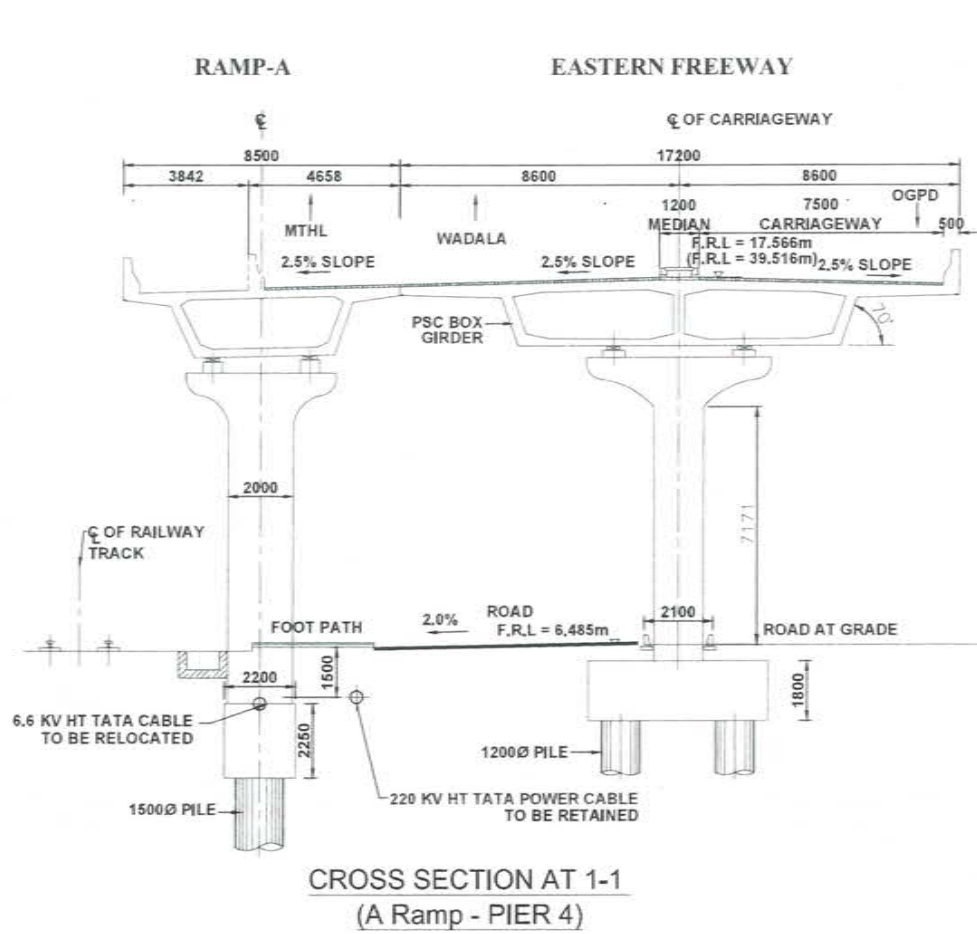
DRAWING NO.

B-072

REV.



General View of RAMP 'A' at Sewri Interchange



- NOTES:-**
1. ALL LEVELS ARE WITH RESPECTIVE TO CHART DATUM,(LEVELS IN BRACKET ARE WITH RESPECT TO TOWN HALL DATUM.)
 2. THE STRUCTURAL DIMENSIONS SHOWN IN THIS DRG.ARE TENTATIVE & MAY VARY AS PER DESIGN.
 3. THE AREA UNDER INTERCHANGE MAY CONTAIN VARIOUS UTILITIES. THESE CAN BE RELOCATED, IF FOUND FOULING WITH THE FOUNDATION IN CONSULTATION WITH RESPECTIVE AGENCIES. IN CASE IT IS NOT POSSIBLE TO SHIFT THE UTILITIES, NECESSARY MODIFICATION IN FOUNDATION SHALL BE MADE.
 4. 220Kv TATA OIL FILLED CABLE SHALL NOT BE SHIFTED.
 5. PL. REFER DRG. No.218058M-328 PLAN FOR SEWRI INTERCHANGE.

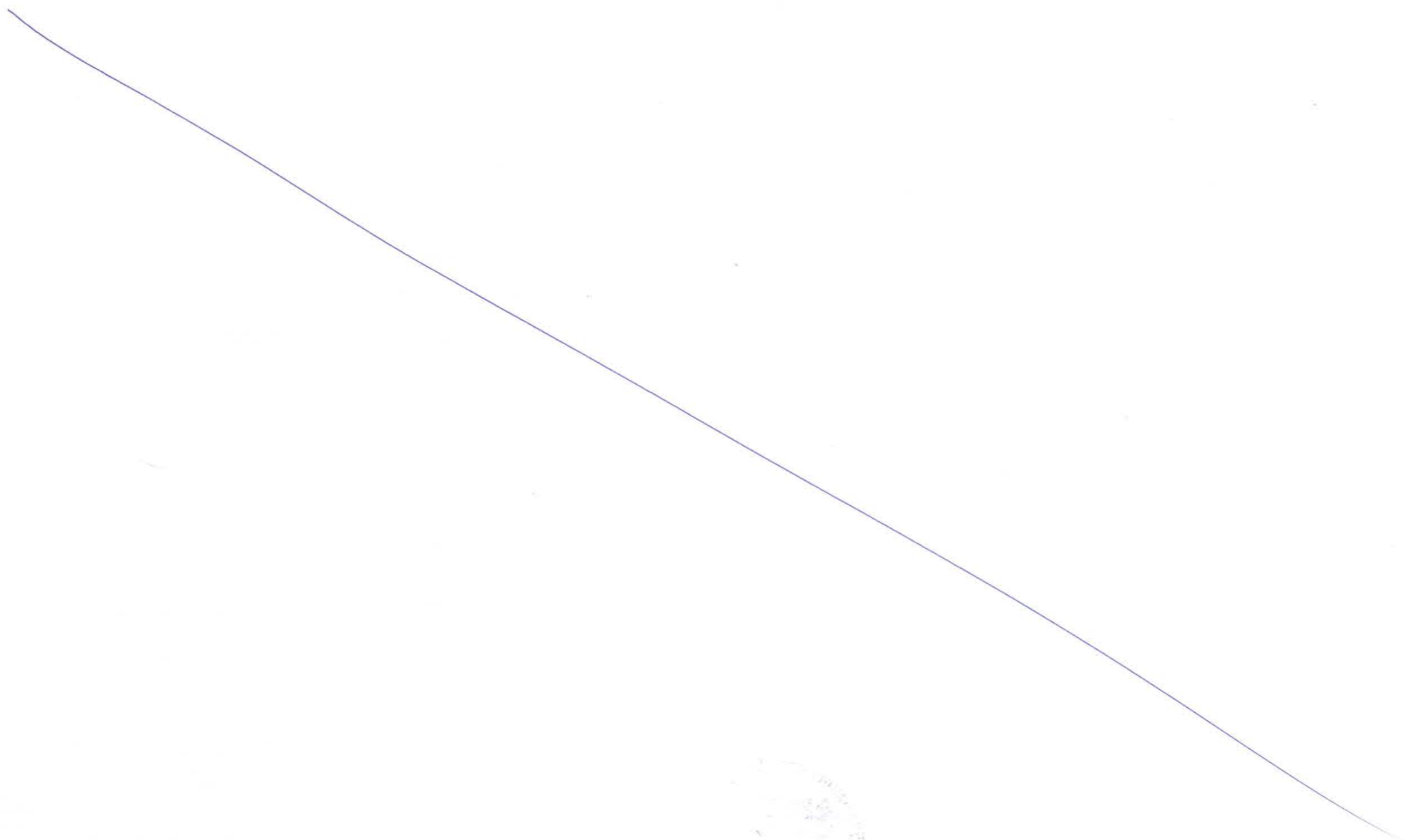
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CHECKED BY	
APPROVED BY	



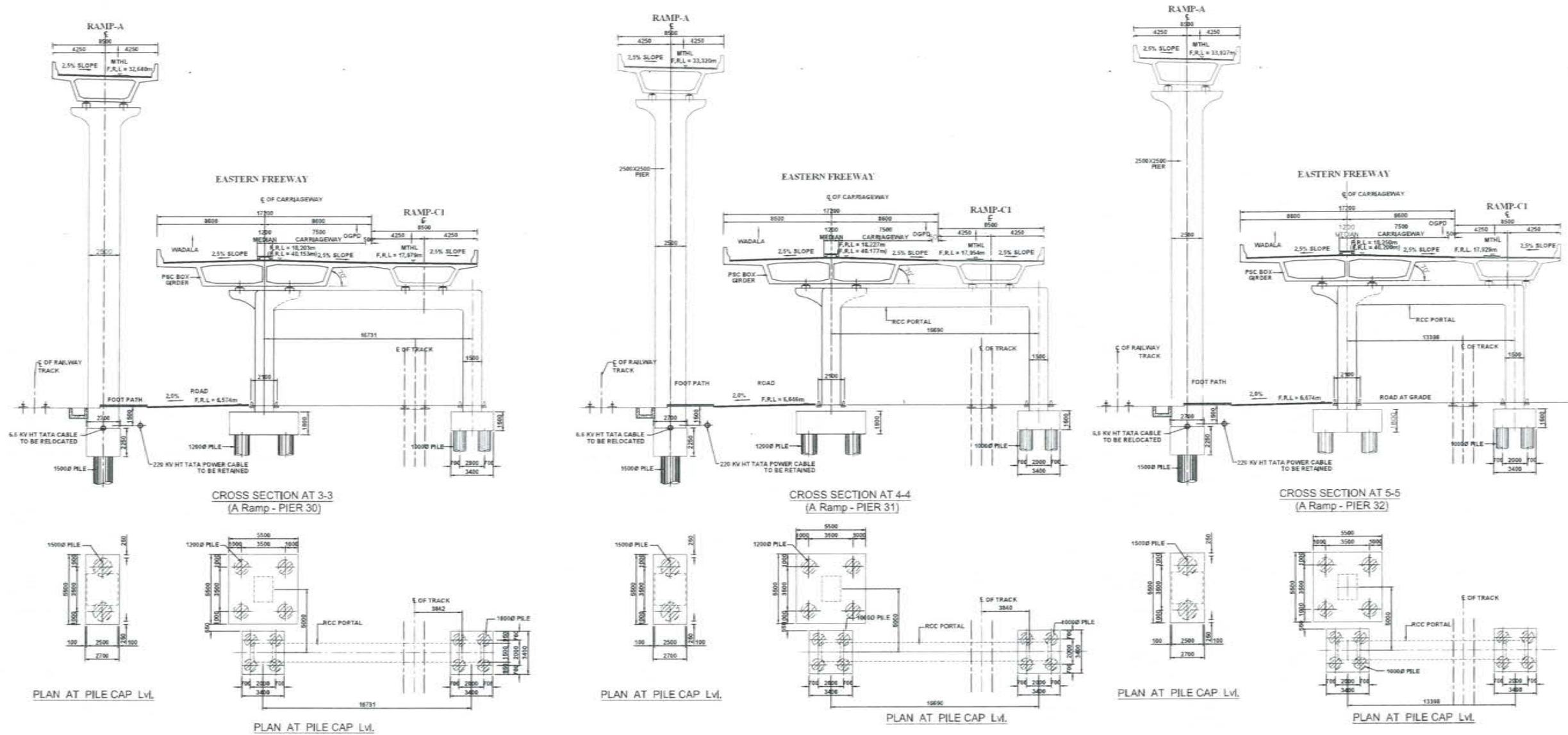
**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**



TITLE -	General View of RAMP 'A' at Sewri Interchange
DATE	
DRAWING NO.	B-073
REV.	



General View of RAMP 'C1' at Sewri Interchange



- NOTES:-**
1. ALL LEVELS ARE WITH RESPECTIVE TO CHART DATUM.(LEVELS IN BRACKET ARE WITH RESPECT TO TOWN HALL DATUM)
 2. THE STRUCTURAL DIMENSIONS SHOWN IN THIS DRG.ARE TENTATIVE & MAY VARY AS PER DESIGN.
 3. THE AREA UNDER INTERCHANGE MAY CONTAIN VARIOUS UTILITIES. THESE CAN BE RELOCATED, IF FOUND FOULING WITH THE FOUNDATION IN CONSULTATION WITH RESPECTIVE AGENCIES. IN CASE IT IS NOT POSSIBLE TO SHIFT THE UTILITIES, NECESSARY MODIFICATION IN FOUNDATION SHALL BE MADE.
 4. 220kv TATA OIL FILLED CABLE SHALL NOT BE SHIFTED.
 5. PL. REFER DRG. No.218058/1-328 PLAN FOR SEWRI INTERCHANGE.



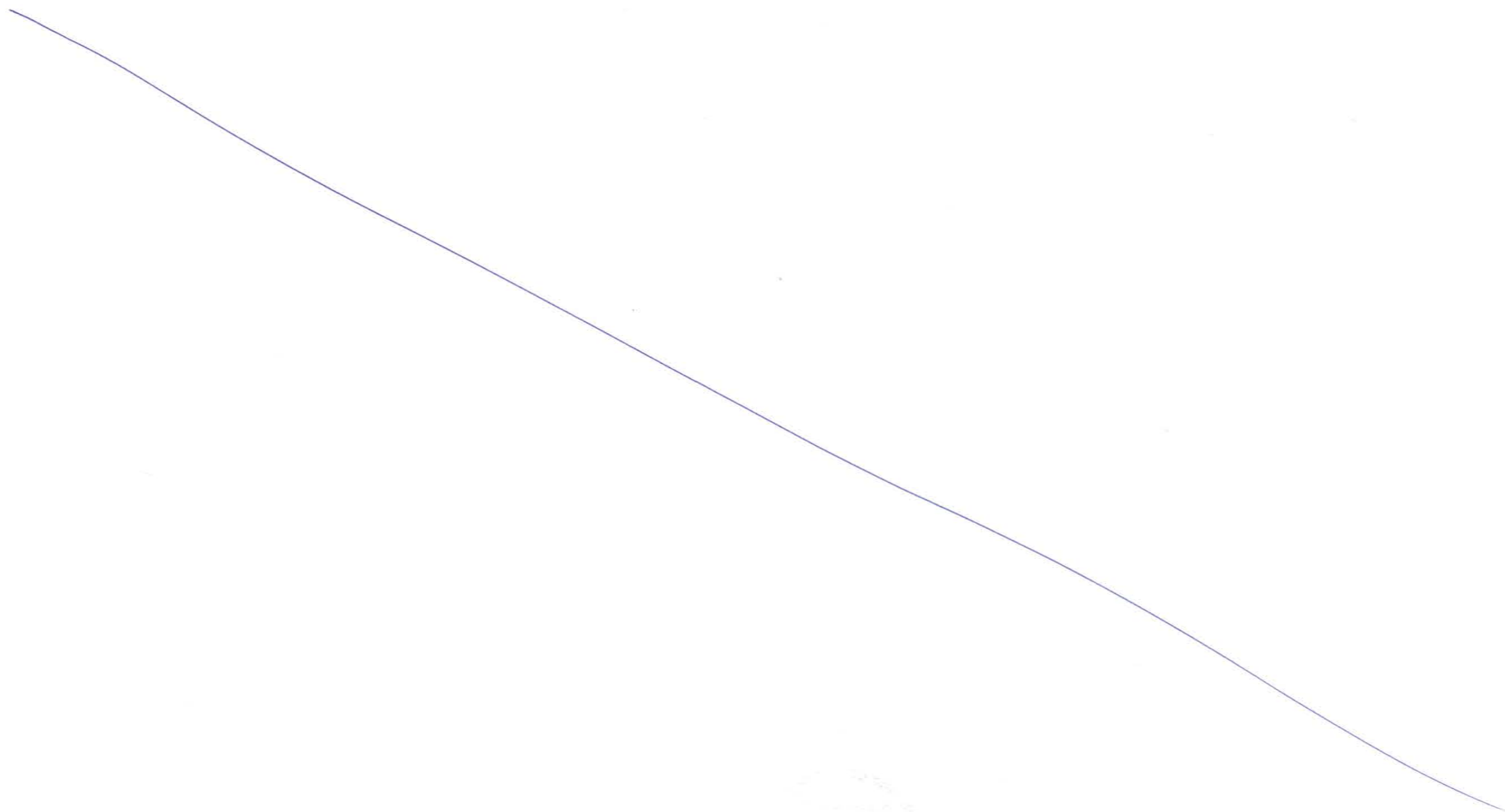
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MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

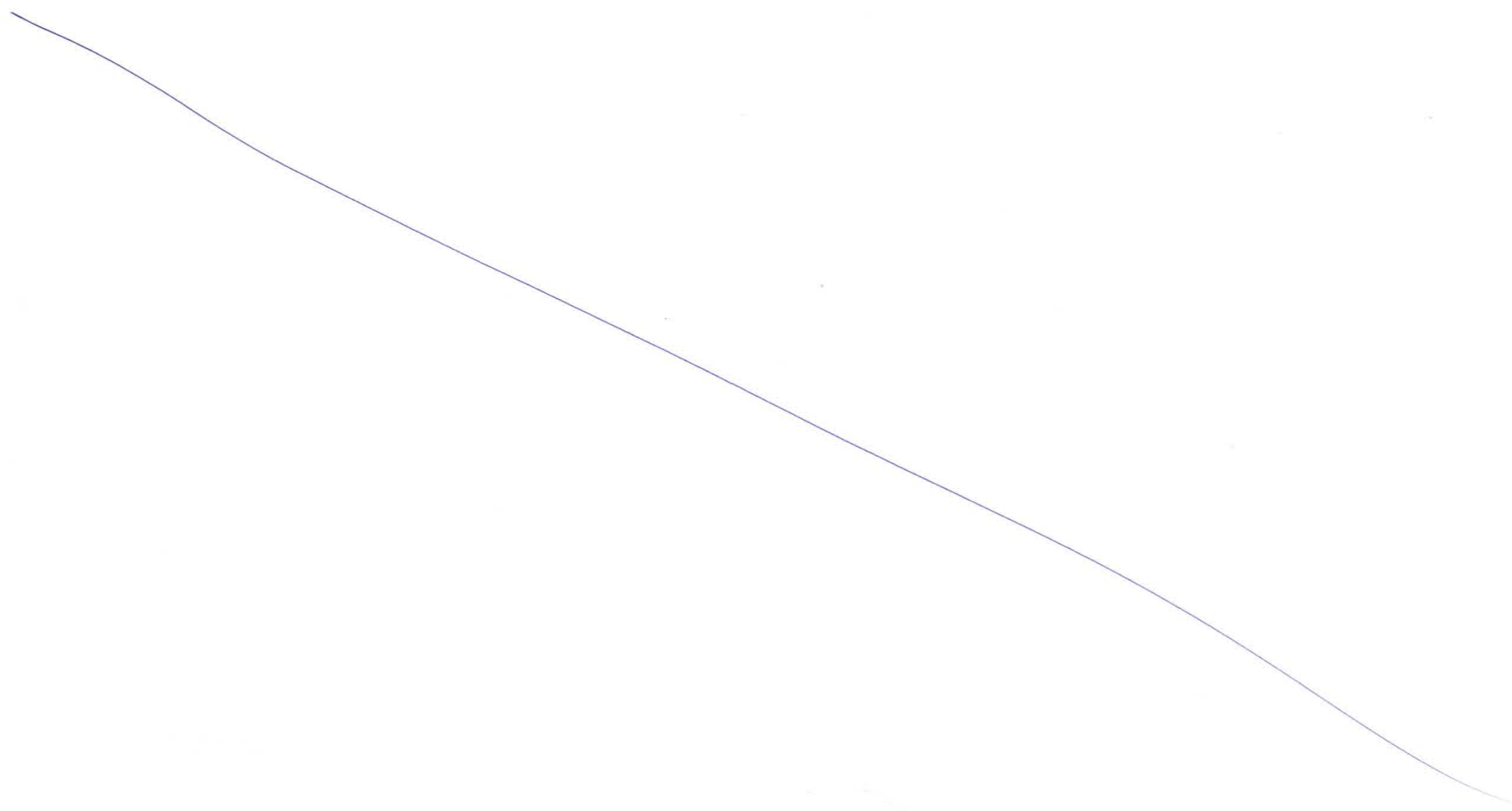
PROJECT - **MUMBAI TRANS HARBOUR LINK PROJECT**
TENDER DRAWINGS



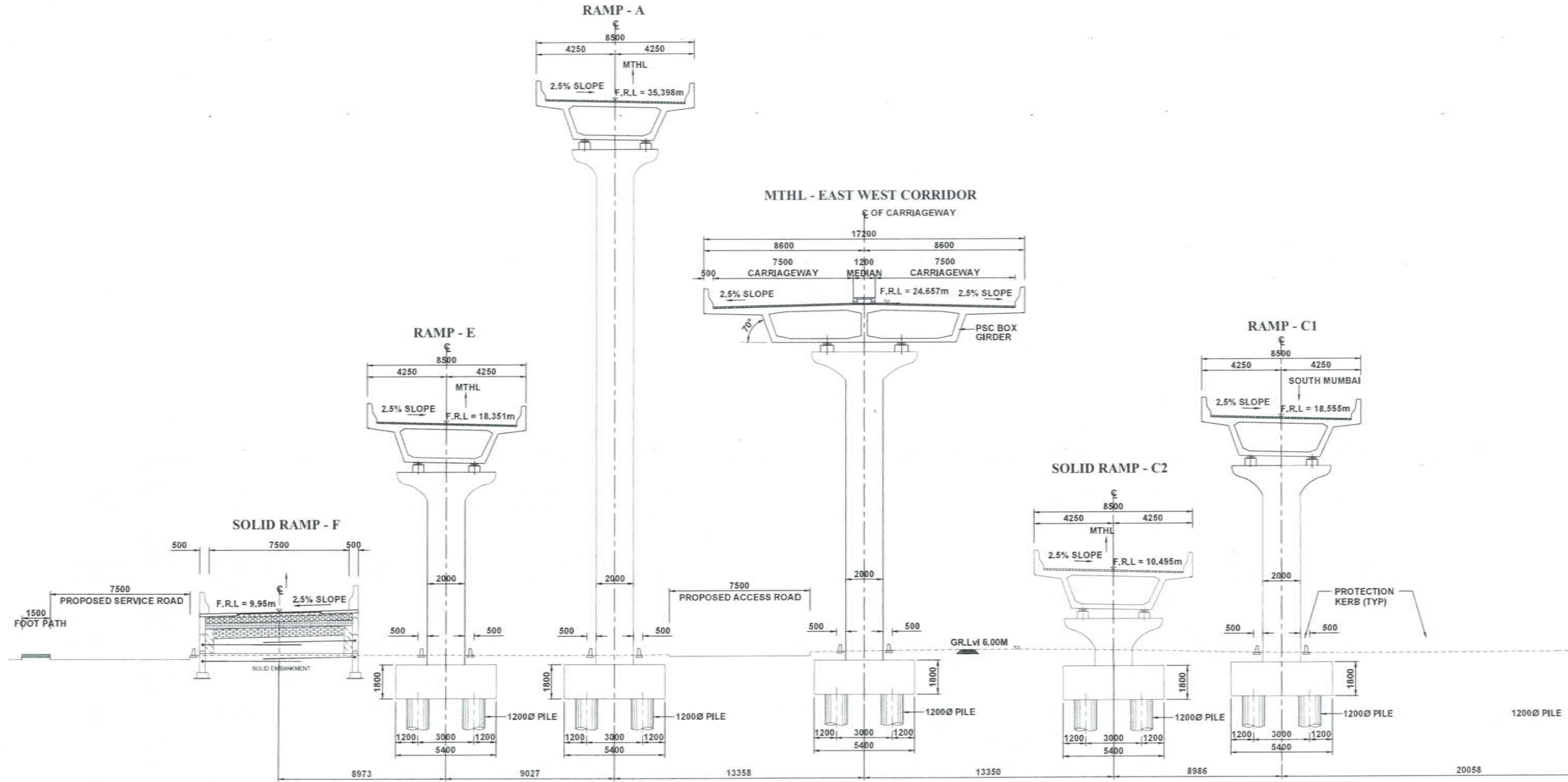
TITLE -	General View of RAMP 'C1' at Sewri Interchange		
DATE.	DRAWING NO.	B-074	REV.



1002



General View of RAMP F, E, A, MTHL, C2, C1, & B at Sewri Interchange



CROSS SECTION AT 9-9
SCALE 1:150

NOTES:-

1. ALL LEVELS ARE WITH RESPECTIVE TO CHART DATUM.(LEVELS IN BRACKET ARE WITH RESPECT TO TOWN HALL DATUM.)
2. THE STRUCTURAL DIMENSIONS SHOWN IN THIS DRG.ARE TENTATIVE & MAY VARY AS PER DESIGN.
3. THE AREA UNDER INTERCHANGE MAY CONTAIN VARIOUS UTILITIES. THESE CAN BE RELOCATED, IF FOUND FOULING WITH THE FOUNDATION IN CONSULTATION WITH RESPECTIVE AGENCIES, IN CASE IT IS NOT POSSIBLE TO SHIFT THE UTILITIES, NECESSARY MODIFICATION IN FOUNDATION SHALL BE MADE.
4. 220Kv TATA OIL FILLED CABLE SHALL NOT BE SHIFTED.
5. PL. REFER DRG. No.218058/1-328 PLAN FOR SEWRI INTERCHANGE.



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



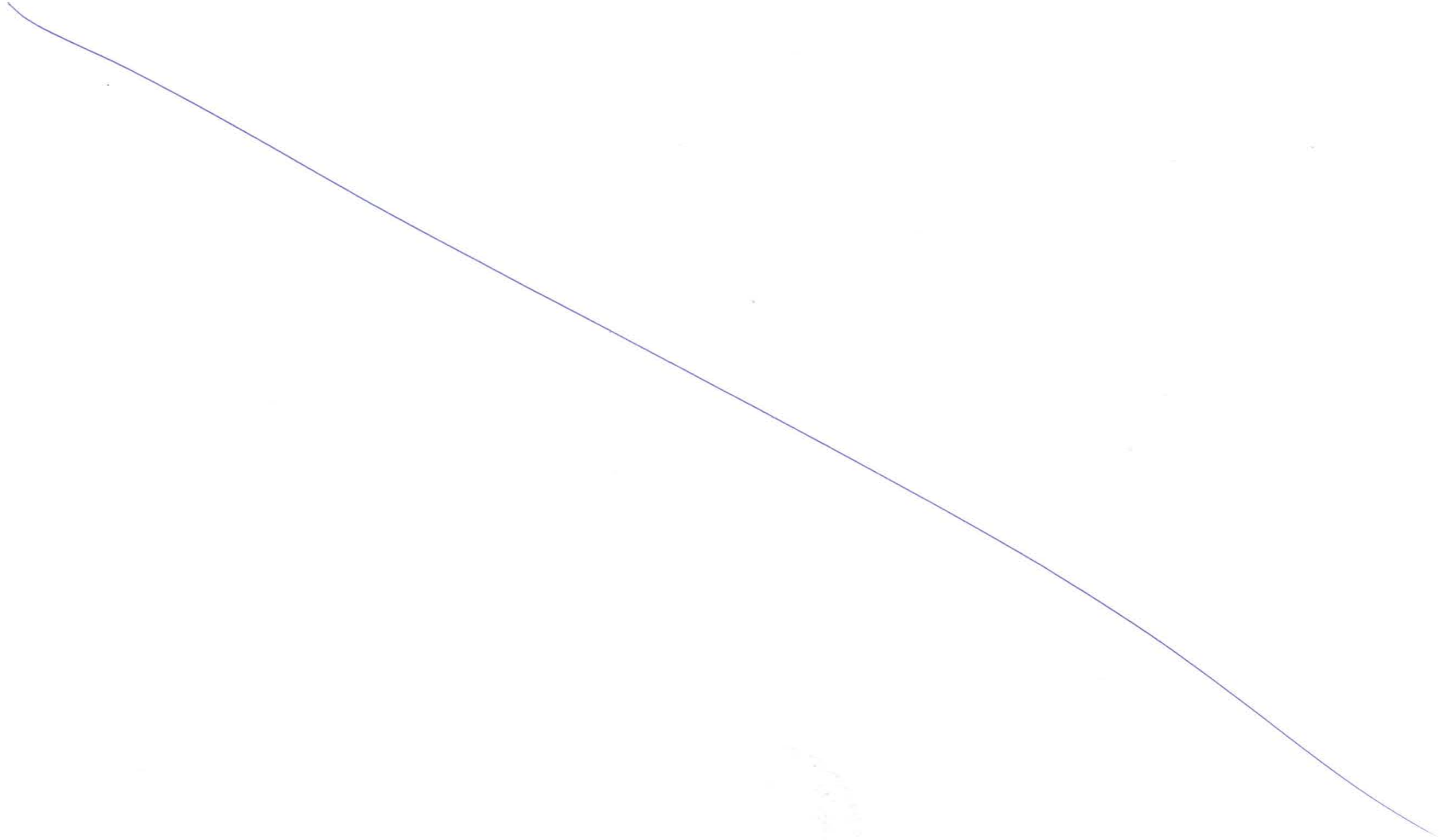
NAME	SIGN
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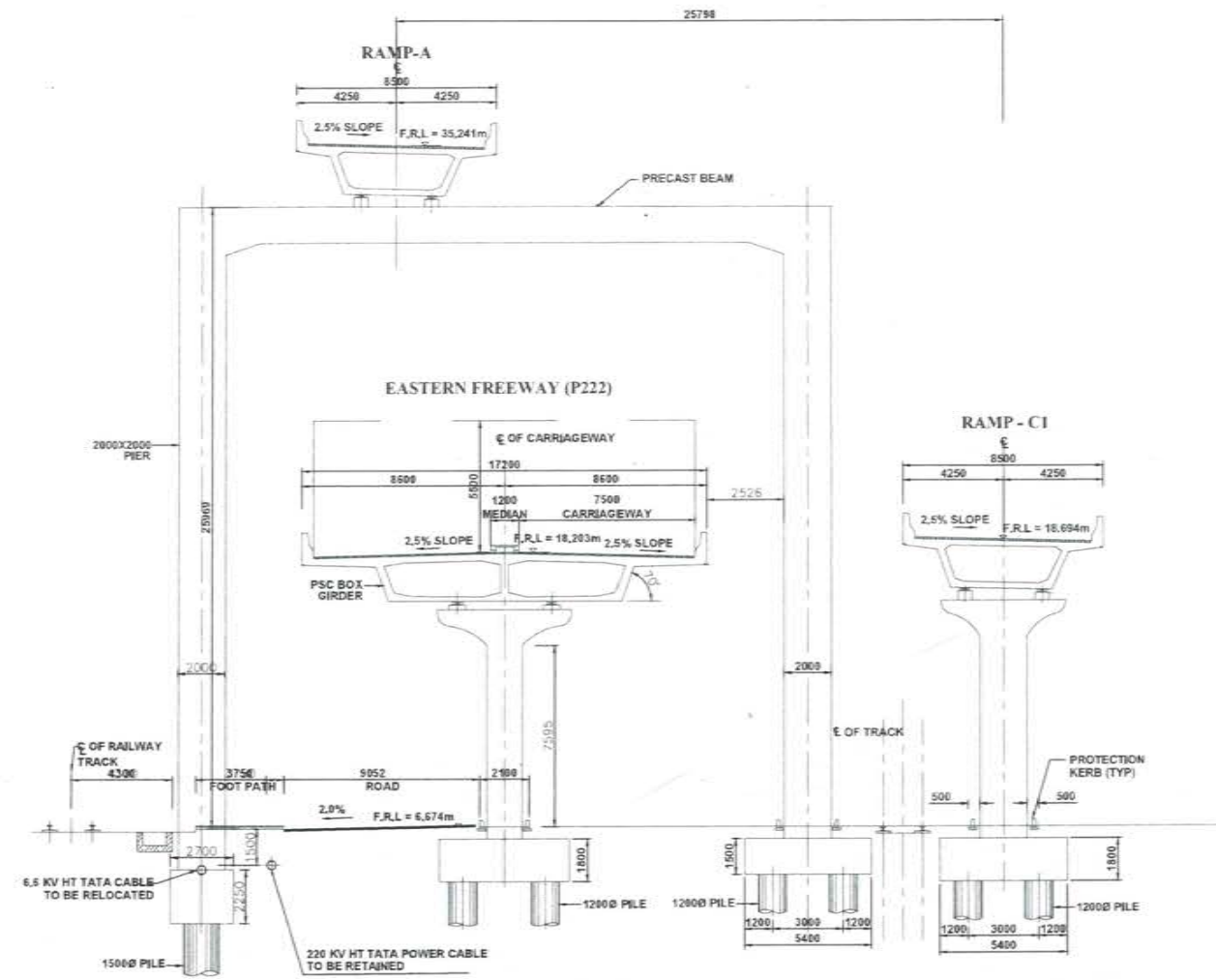


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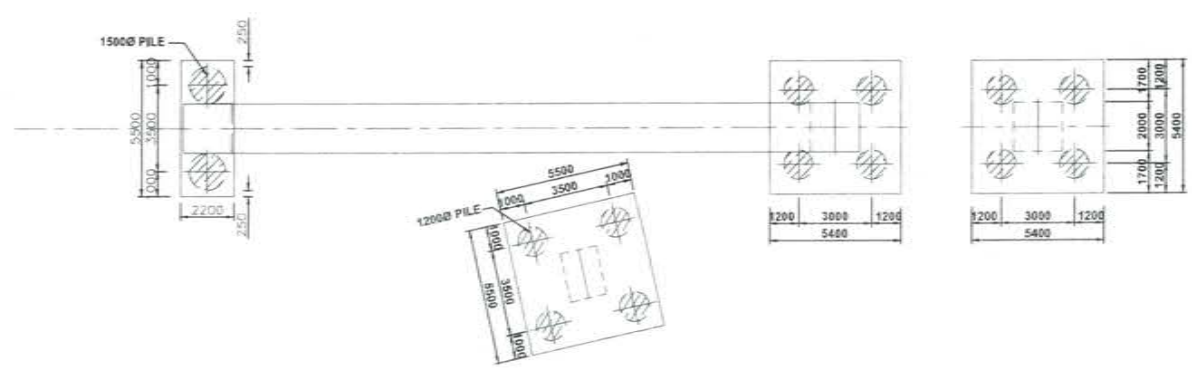
PROJECT:-

TITLE:-		DATE		DRAWING NO.		REV.	
General View of RAMP F, E, A, MTHL, C2, C1, & B at Sewri Interchange				B-076			





CROSS SECTION AT 10-10
(A Ramp PIER 34)



PLAN AT PILE CAP Lvl.



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PROJECT - MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

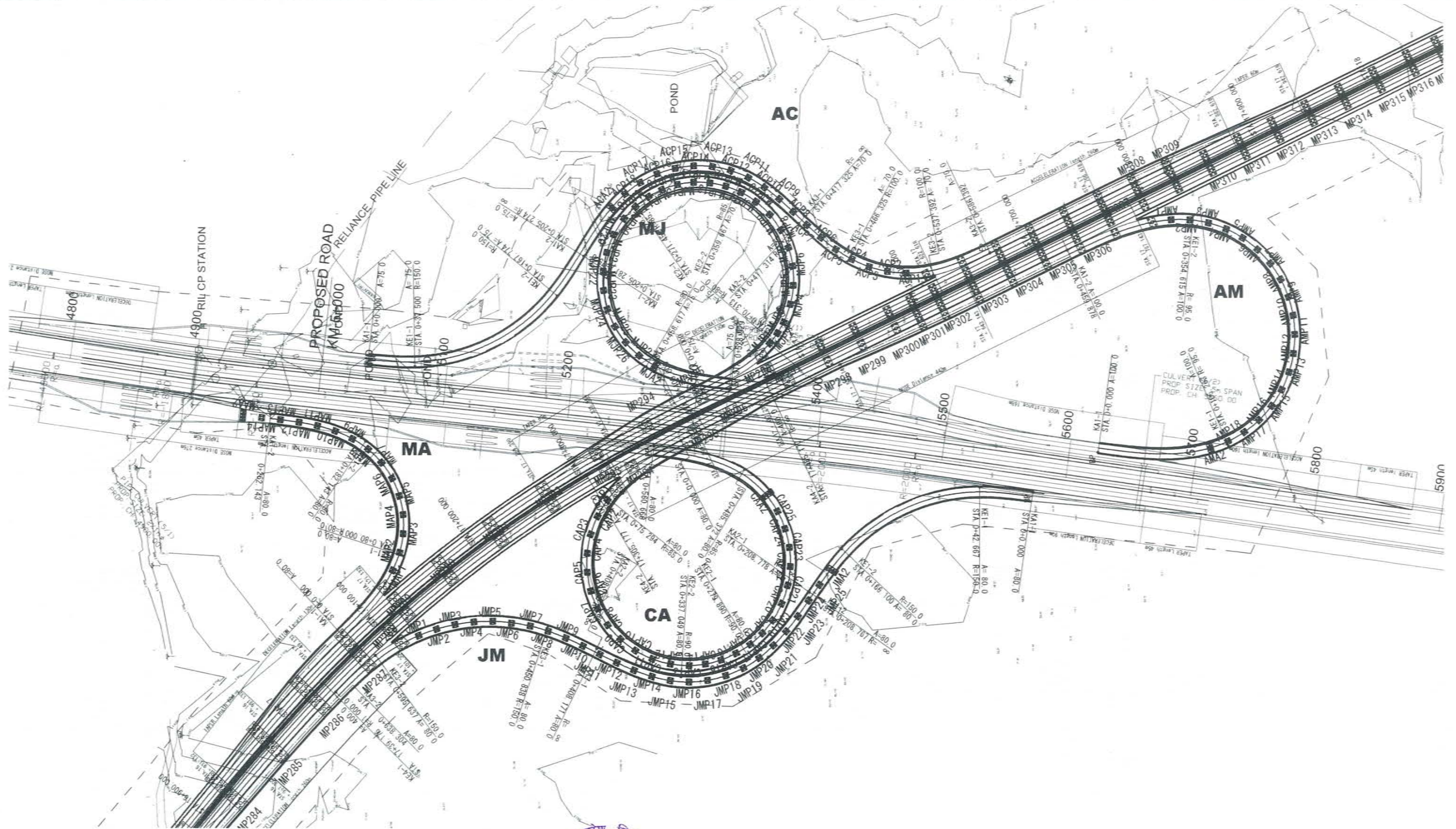


TITLE - General View of RAMP 'A' and 'C1' at Sewri Interchange		
DATE	DRAWING NO. B-077	REV.



Plan of Shivaji Nagar Interchange

1009



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DEVELOPMENT AUTHORITY

PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -

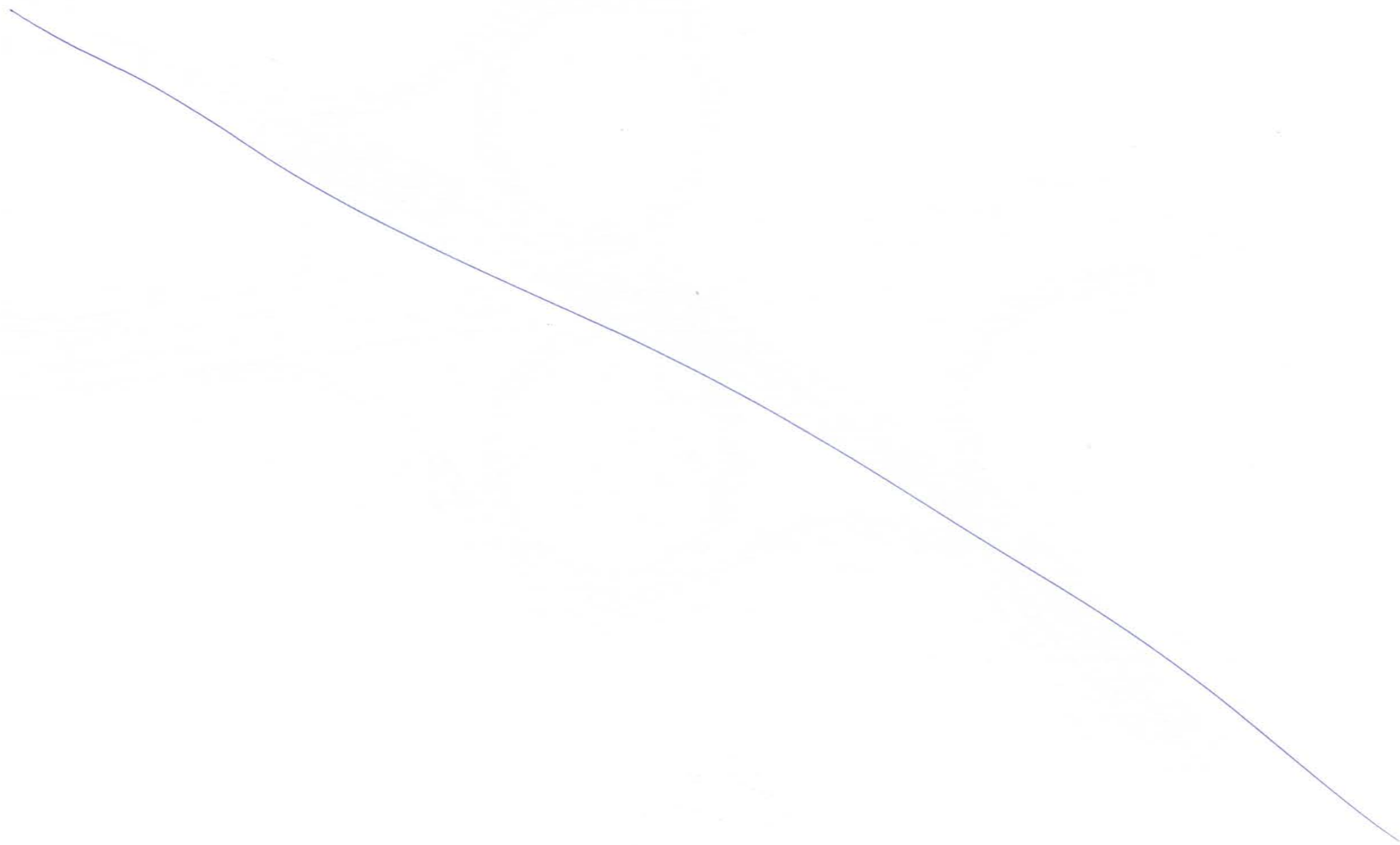
Plan of Shivaji Nagar Interchange

DATE

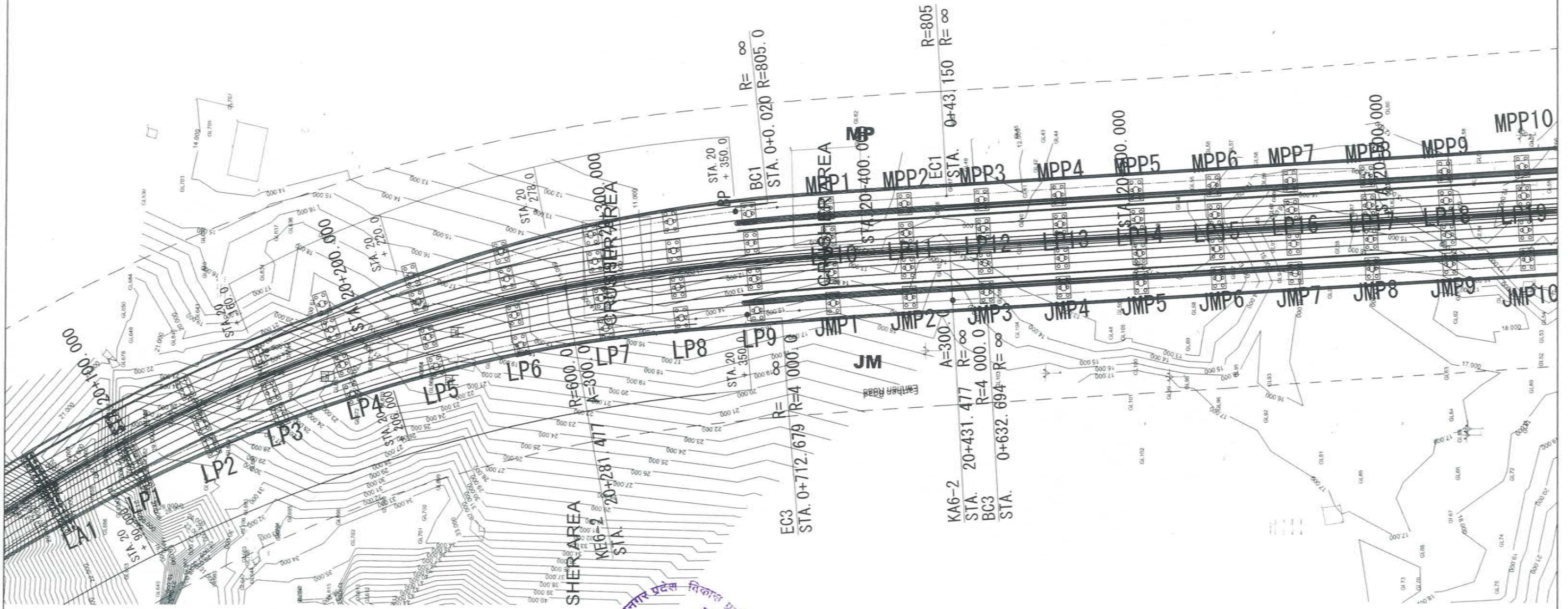
DRAWING NO.

B-078

REV.



Plan of SH54 Interchange



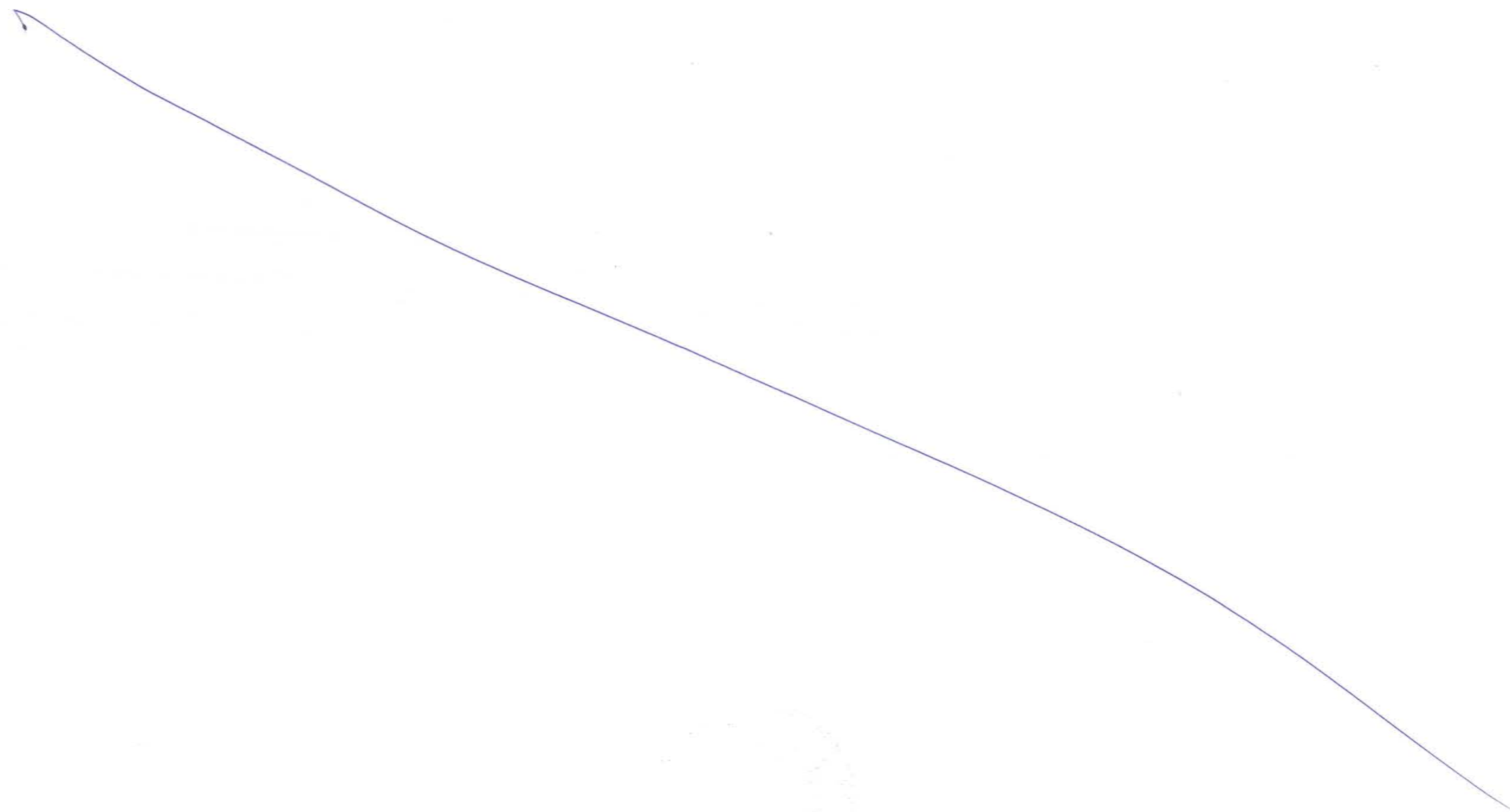
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MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

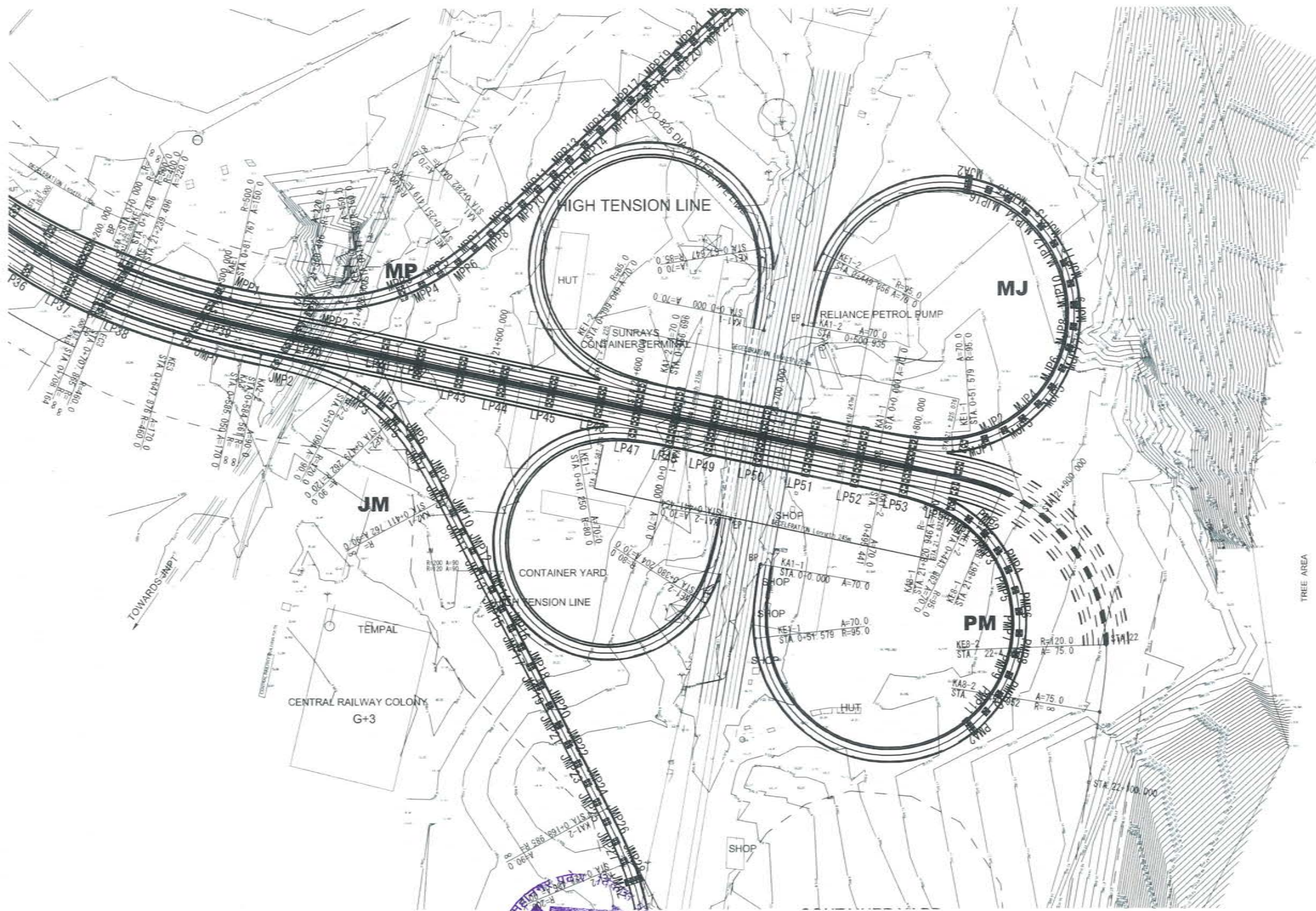


TITLE -		
Plan of SH54 Interchange		
DATE:	DRAWING NO.	REV.
	B-079	



Plan of Chirle Interchange

1013



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PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



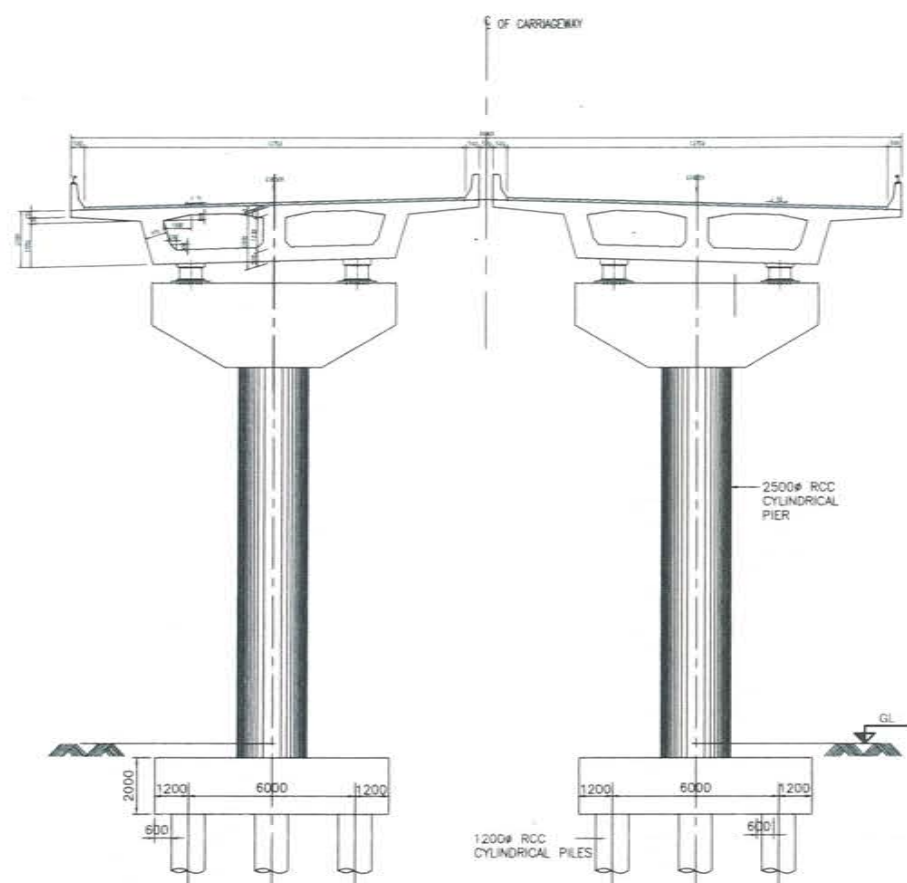
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DATE	DRAWING NO.	REV.
	B-080	





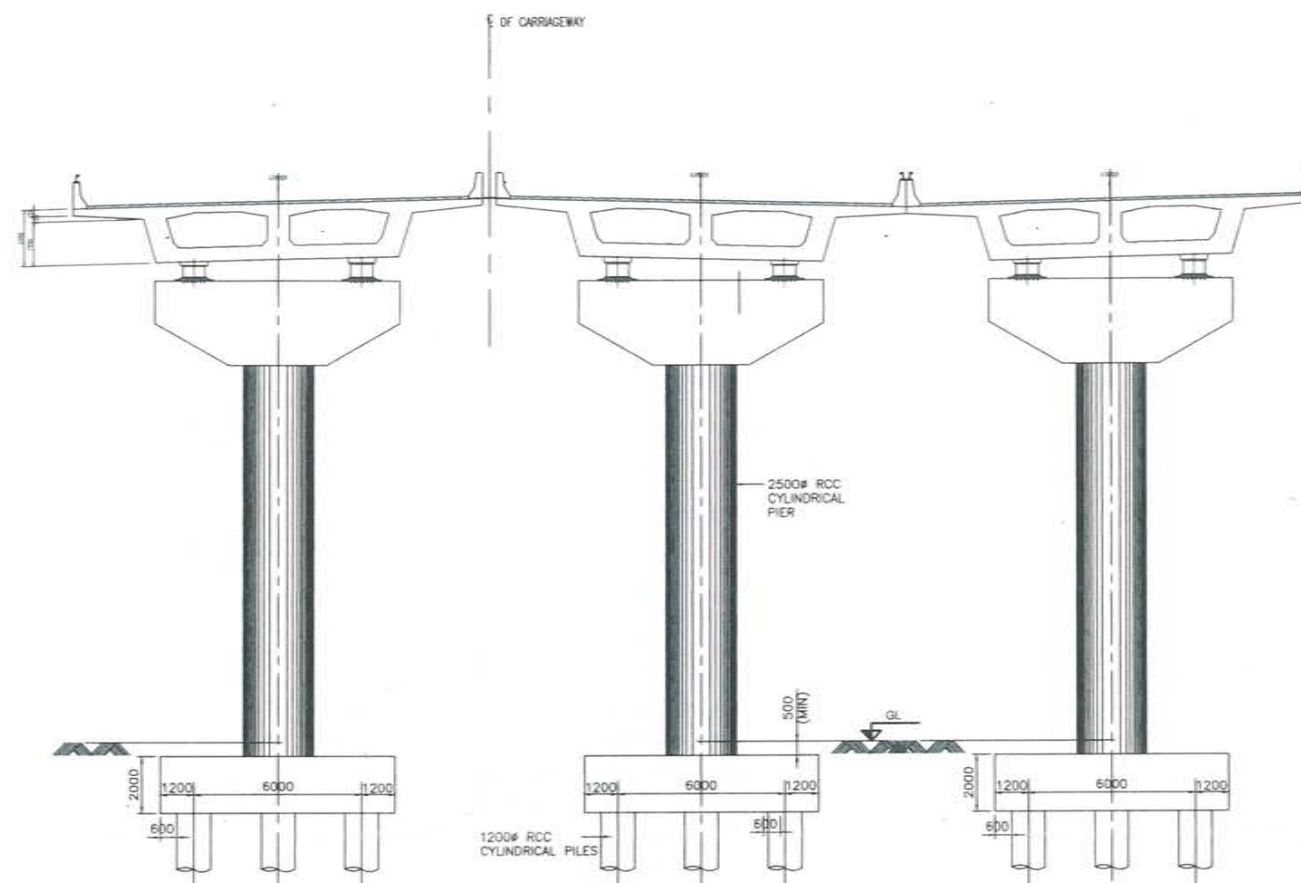
General View of Substructure at Shivaji Nagar, SH54, Chirle Interchange (1/2)

1015



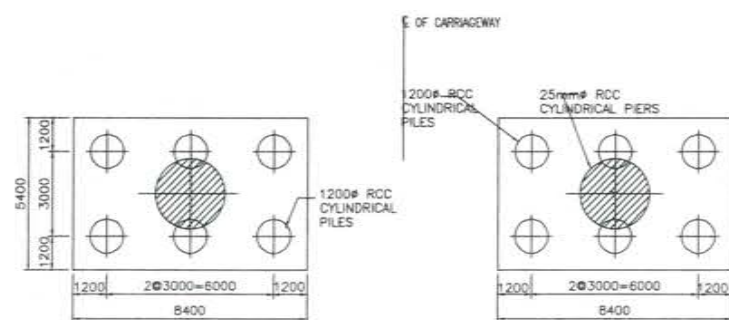
TYPICAL CROSS SECTION AT PIER IN LAND (SPAN=30M)

(SCALE 1:175)



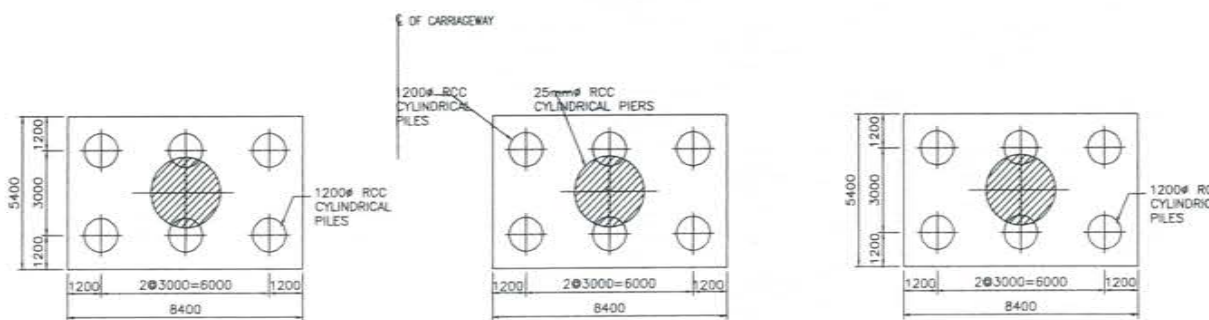
CROSS SECTION AT LP1-LP3 & LP33-LP36

(SCALE 1:175)



TYPICAL PLAN AT PILE CAP

(SCALE 1:175)



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS STATED OTHERWISE.
2. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWING. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.
3. THE STRUCTURAL DIMENSIONS SHOWN IN THIS DRAWING ARE TENTATIVE & MAY VARY AS PER DESIGN.

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PROJECT -

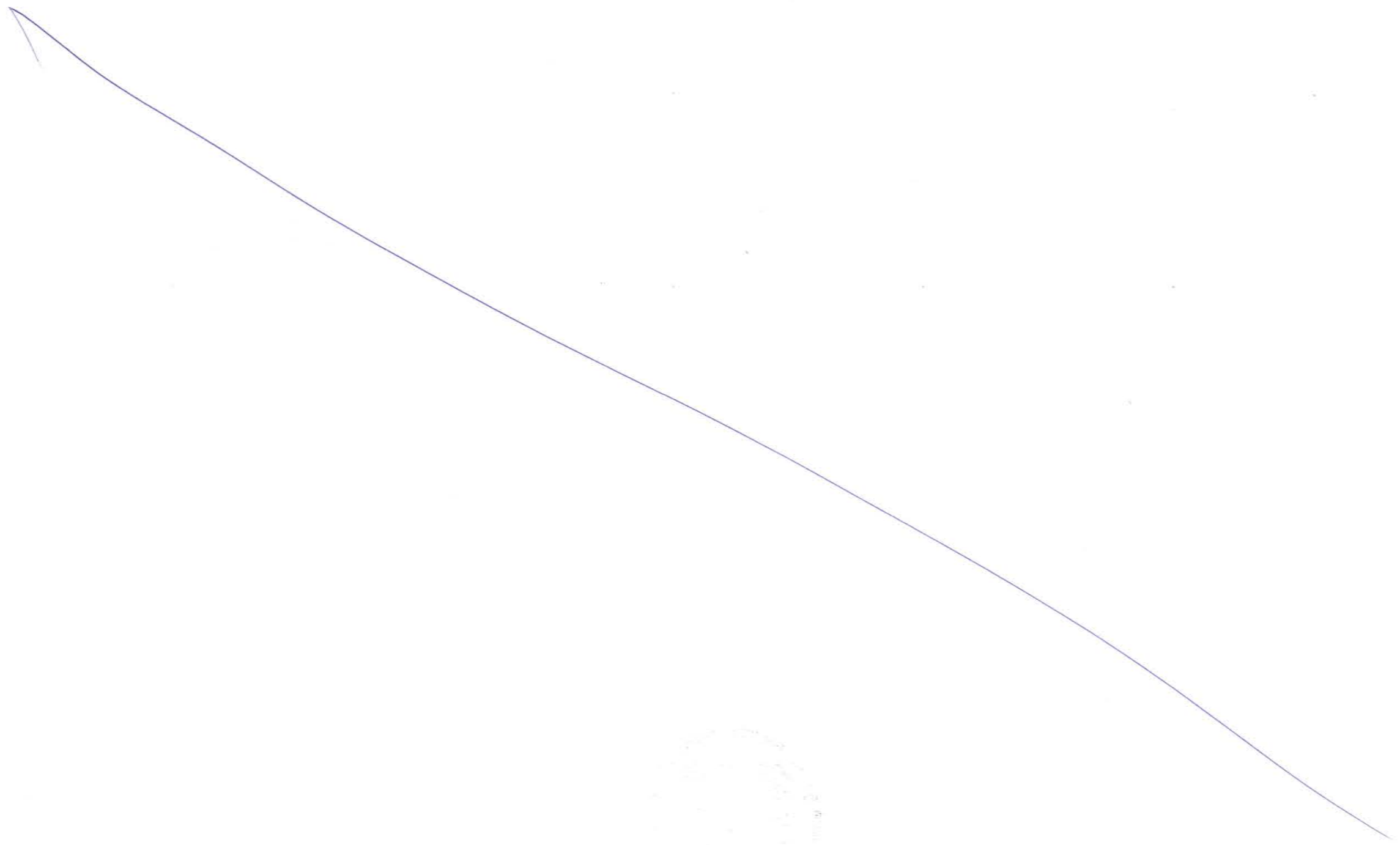


MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



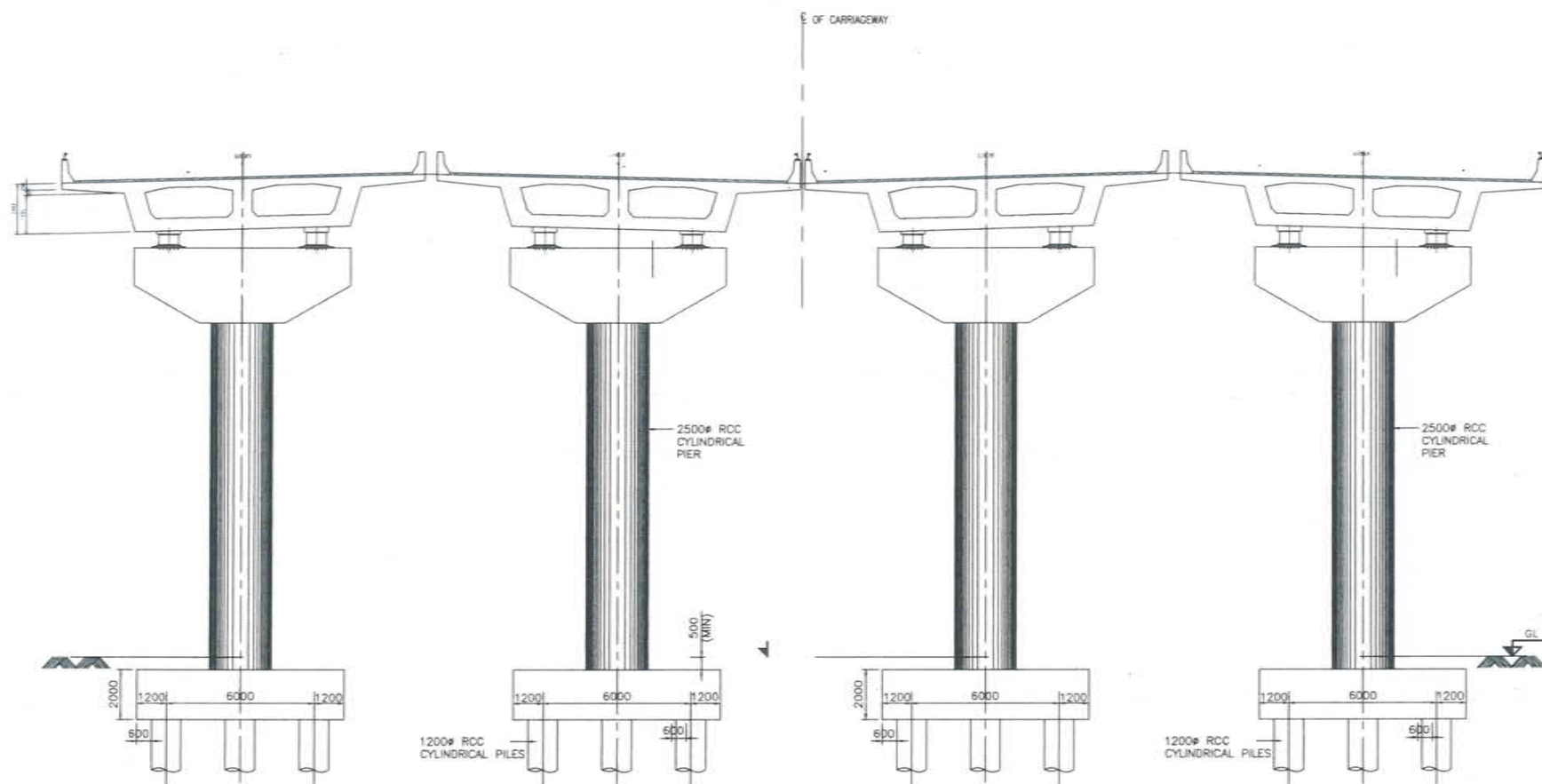
TITLE -
General View of Substructure at
Shivaji Nagar, SH54, Chirle Interchange (1/2)

DATE: DRAWING NO. B-081 REV.

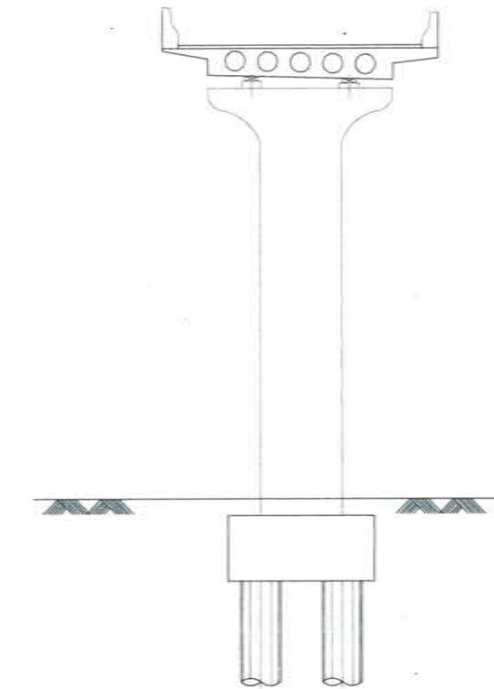


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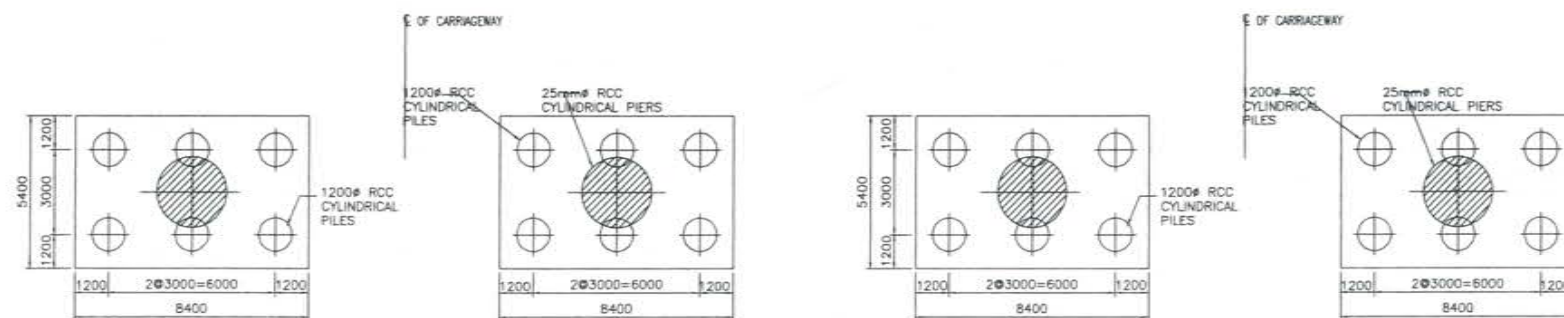
General View of Substructure at Shivaji Nagar, SH54, Chirle Interchange (2/2)



CROSS SECTION AT PIER MP303-308/LP4-9/LP47-53
(SCALE 1:175)



TYPICAL CROSS SECTION OF RAMP PIER
AT SHIVAJI NAGAR/CHIRLE
(MA, JM, CA, MJ, AC, AM/MP, JM, MJ, PM)



PLAN AT PILE CAP
(SCALE 1:175)

- NOTES:**
1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS STATED OTHERWISE.
 2. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWING. ONLY WRITTEN DIMENSION SHALL BE FOLLOWED.
 3. THE STRUCTURAL DIMENSIONS SHOWN IN THIS DRAWING ARE TENTATIVE & MAY VARY AS PER DESIGN.



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



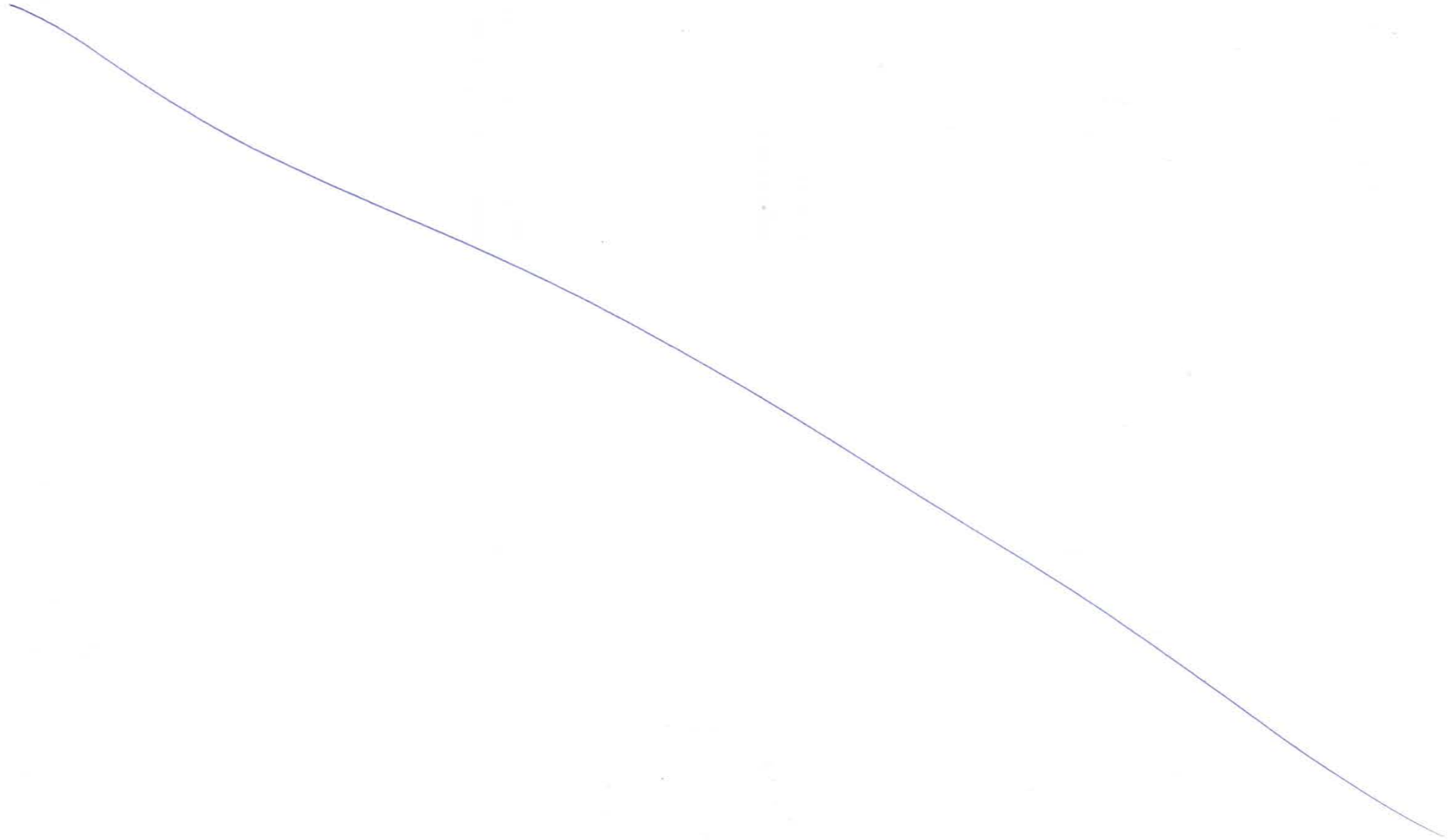
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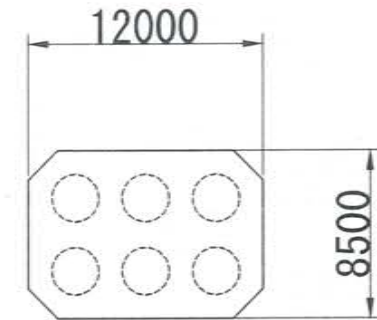
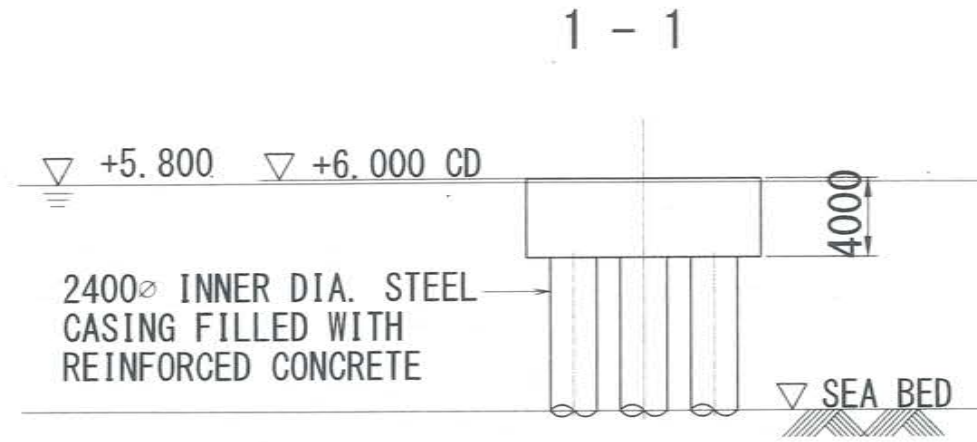
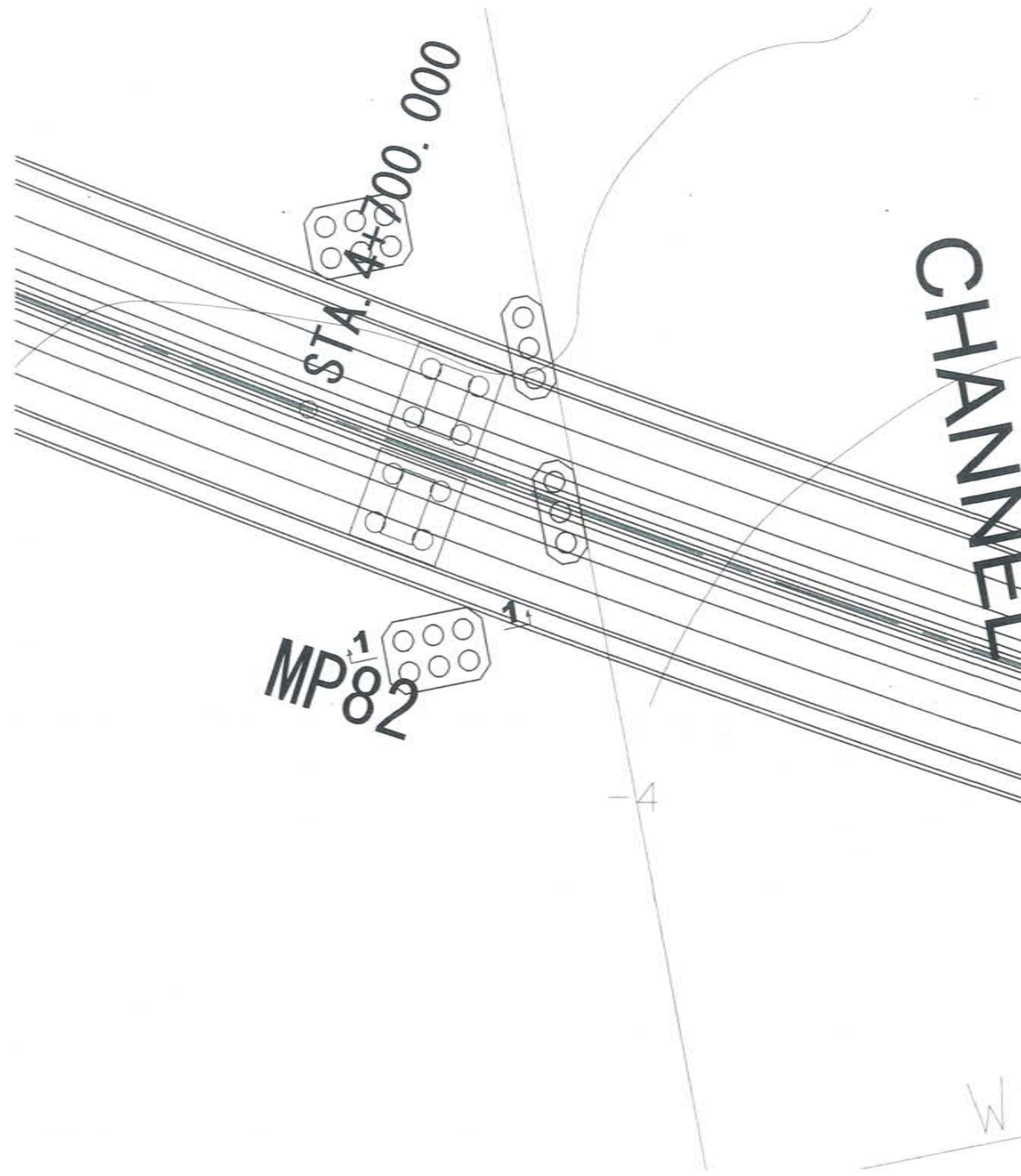
PROJECT -

TITLE -		
General View of Substructure at Shivaji Nagar, SH54, Chirle Interchange (2/2)		
DATE:	DRAWING NO.	REV.
	B-082	



Deep Pile Dolphin (Ship Collision Protection)

1019



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PROJECT ->

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -		
Deep Pile Dolphin (Ship Collision Protection)		
DATE	DRAWING NO.	REV.
	B-083	

