



DAEWOO-TPL JV

CONTRACT AGREEMENT

between

MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

and

**DAEWOO - TPL JOINT VENTURE
(M/s DAEWOO ENGINEERING & CONSTRUCTION Co. Ltd. &
M/s TATA PROJECTS Ltd.)**

MUMBAI TRANS HARBOUR LINK PROJECT (MTHL)

PACKAGE-2

**Procurement of Mumbai Trans Harbour Link Project (Package 2)
Construction of 7.807 km Long Bridge Section (CH 10+380 – CH
18+187) Across the Mumbai Bay Including Shivaji Nagar
Interchange**

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

MADE ON 19TH JANUARY 2018

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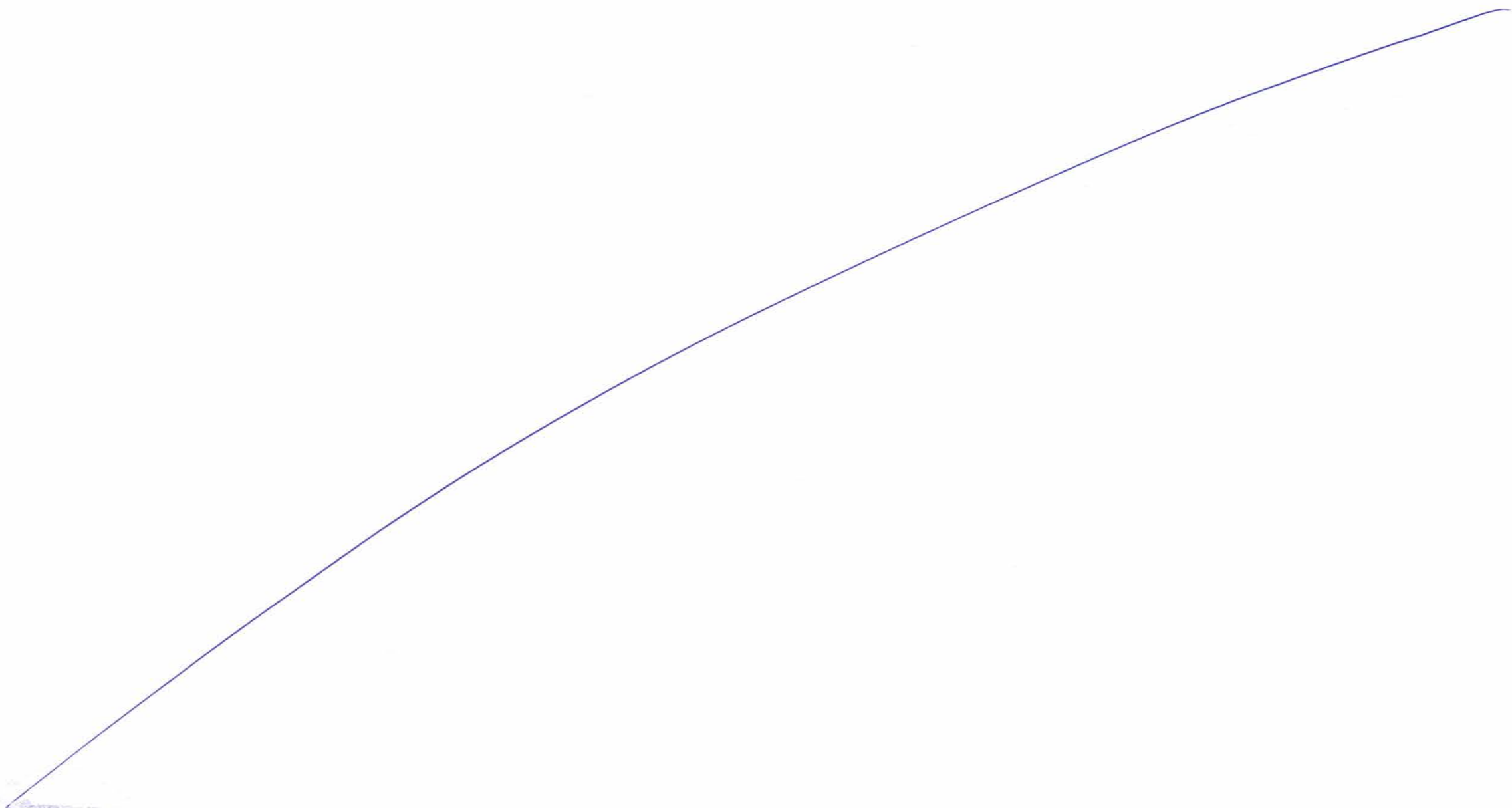
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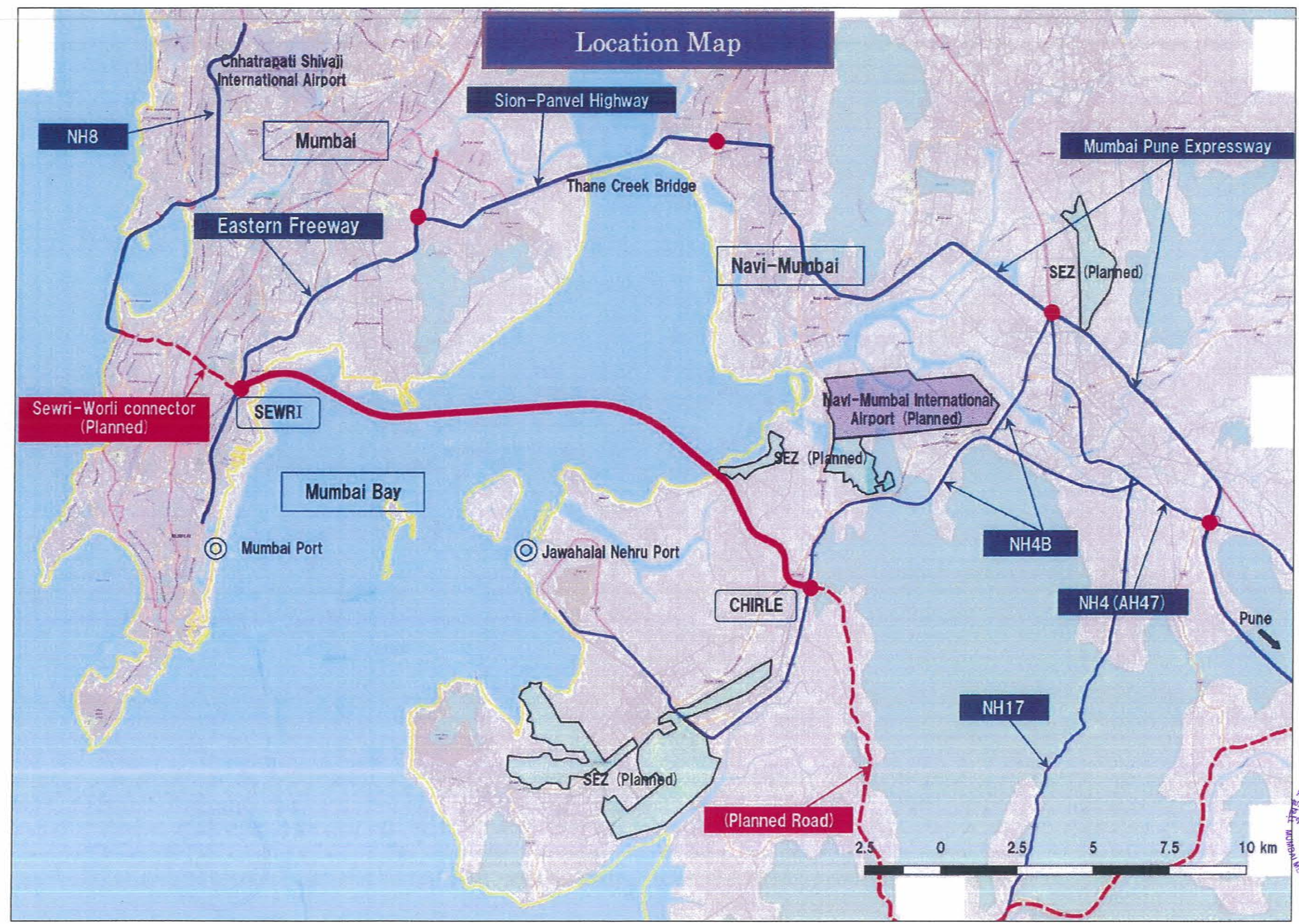
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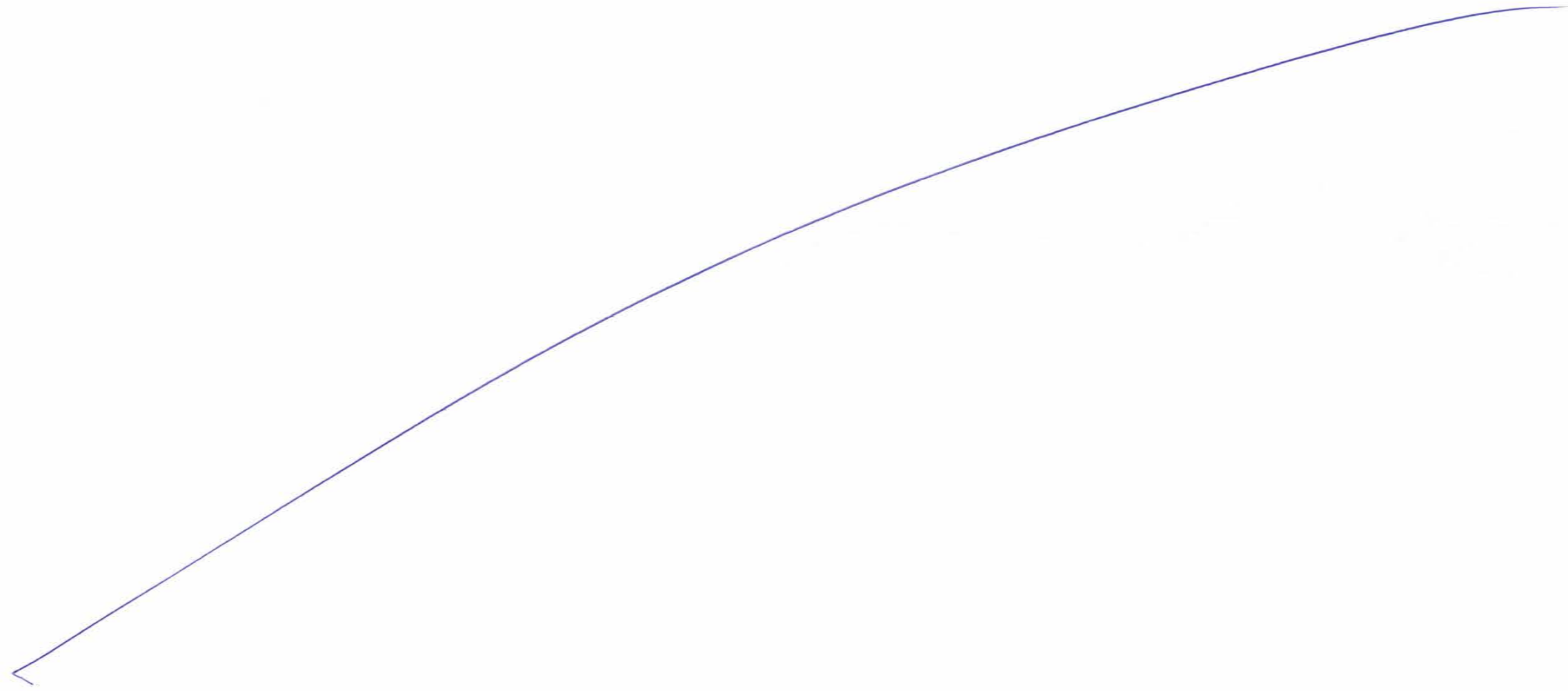


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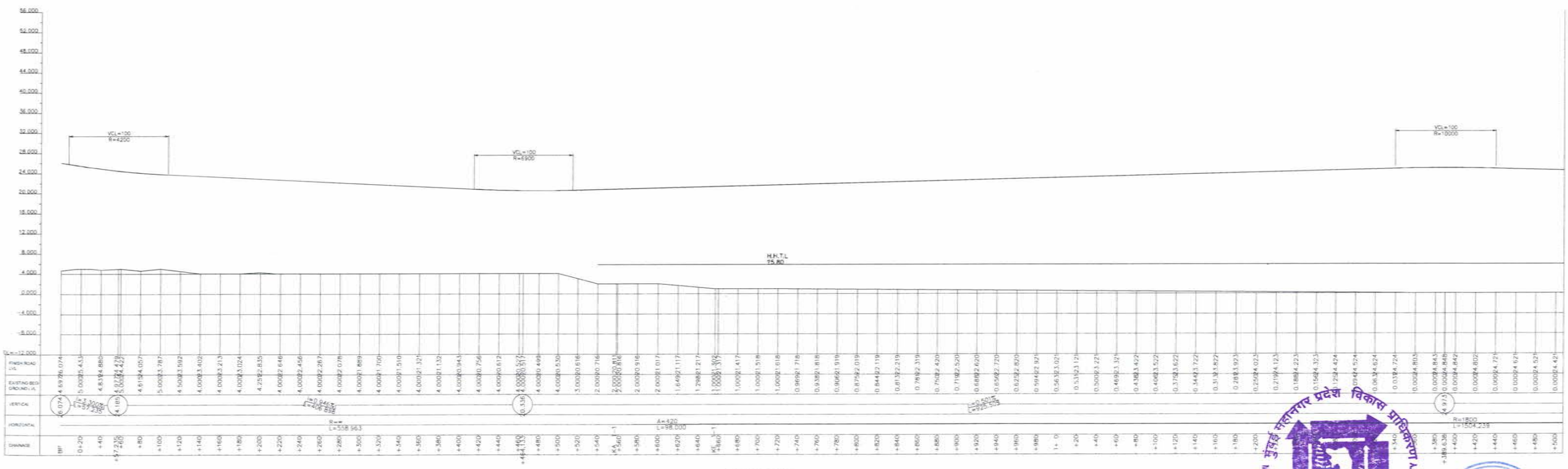
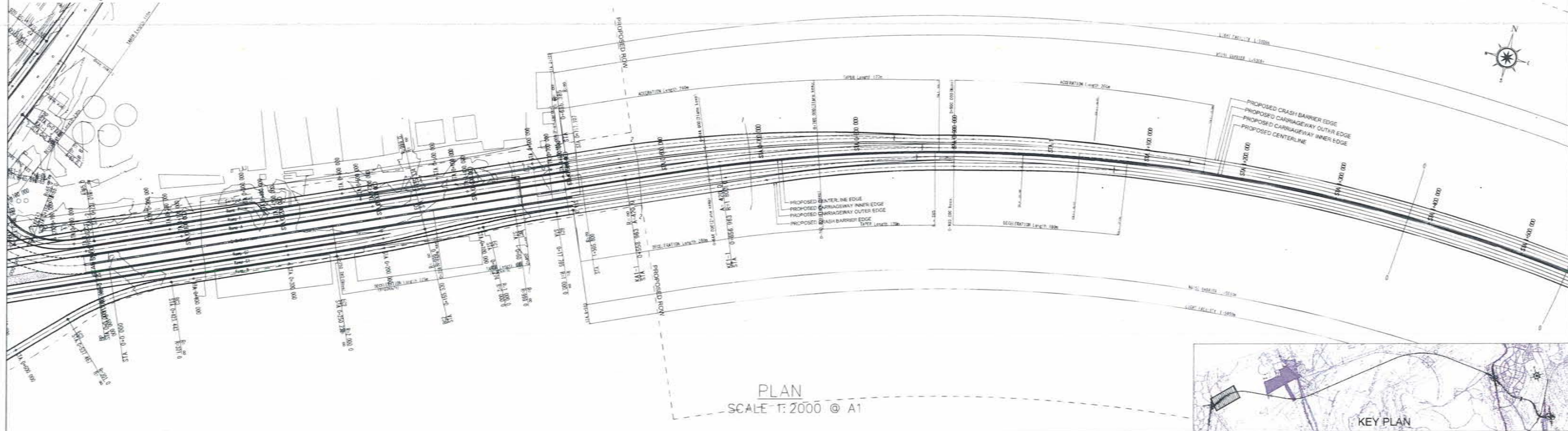
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TENDER DRAWINGS

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Plan & Profile of Main Line (1/15)



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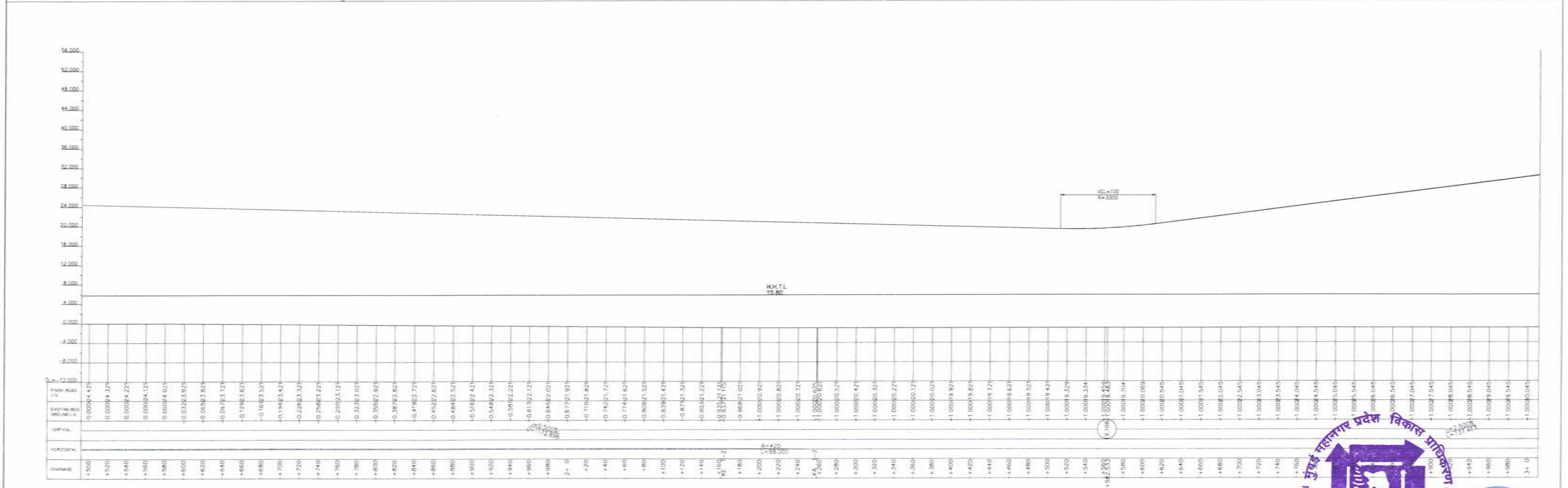
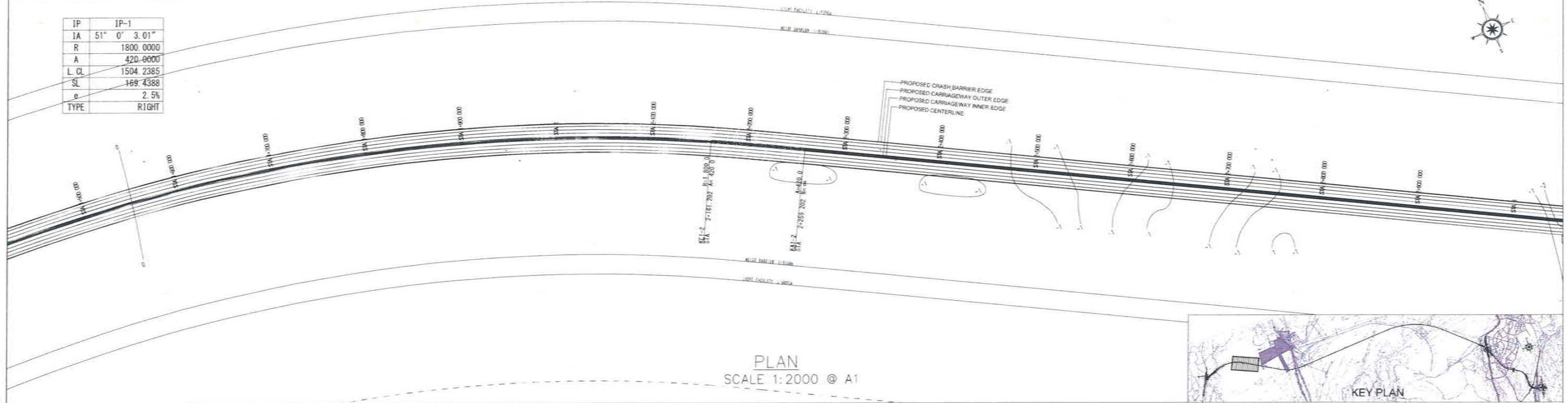
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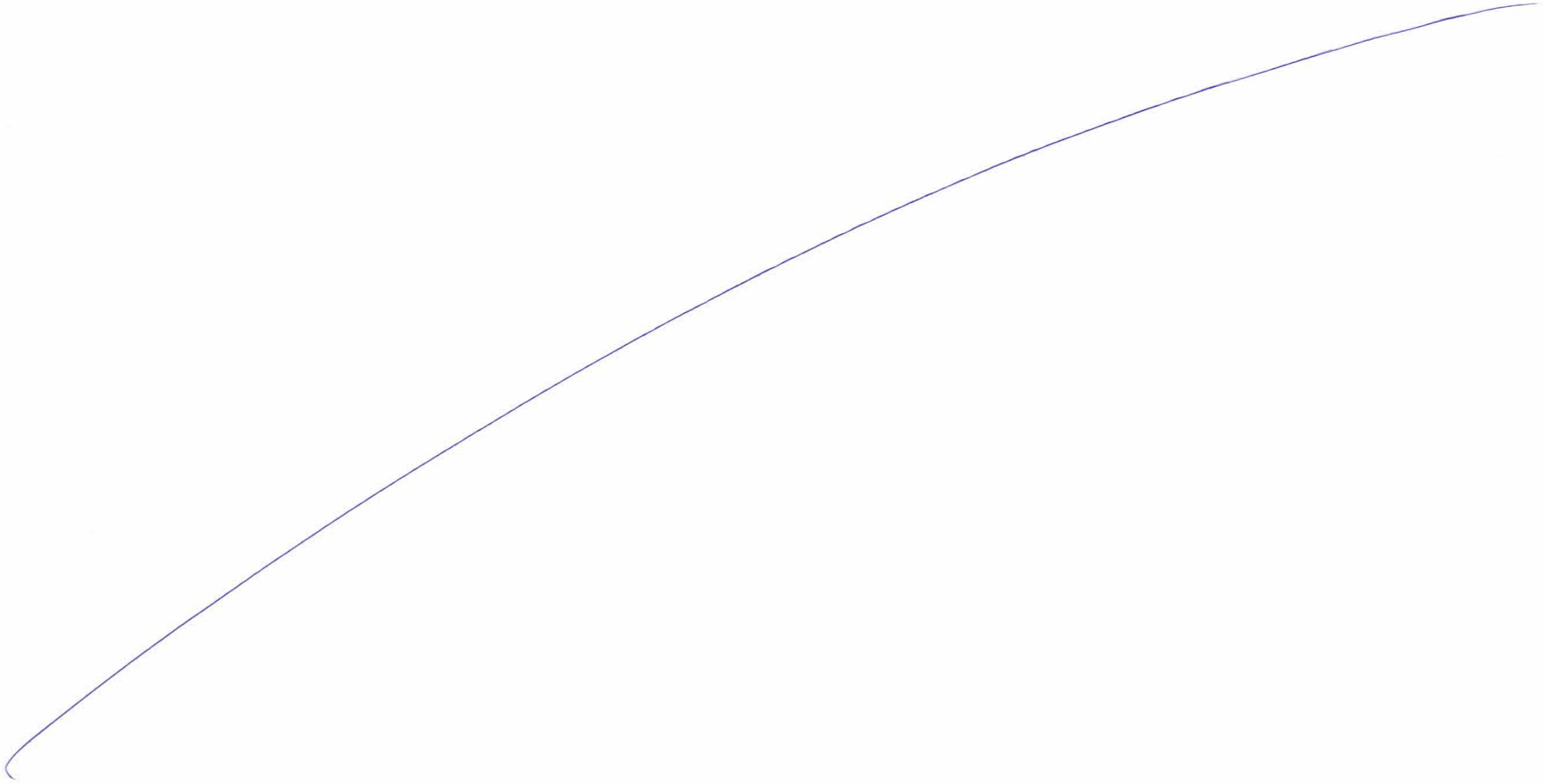
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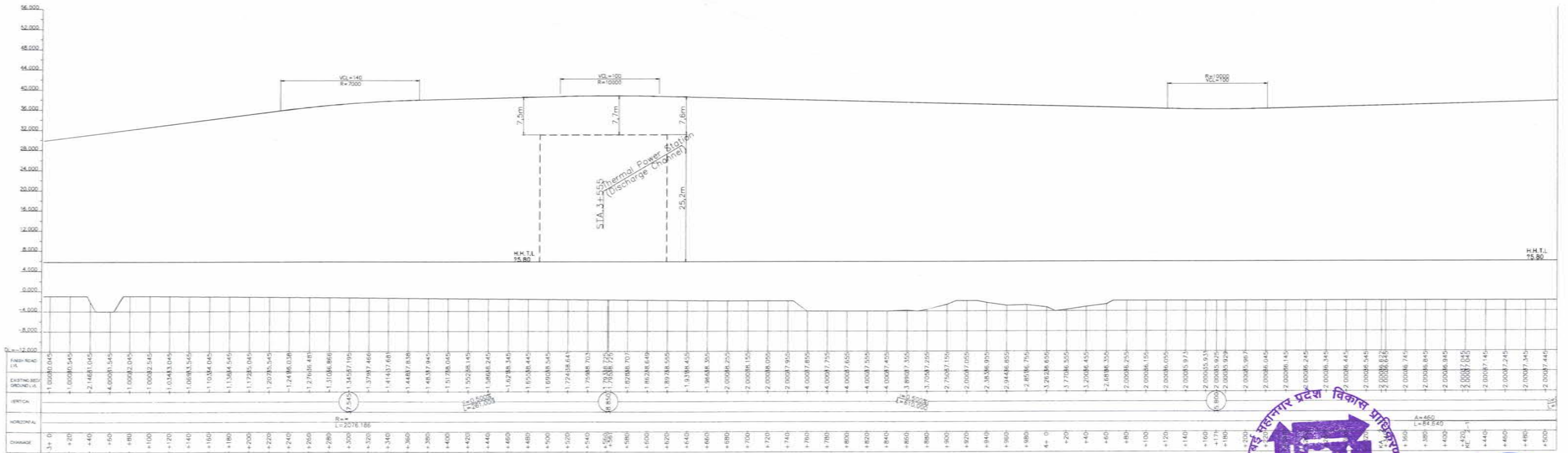
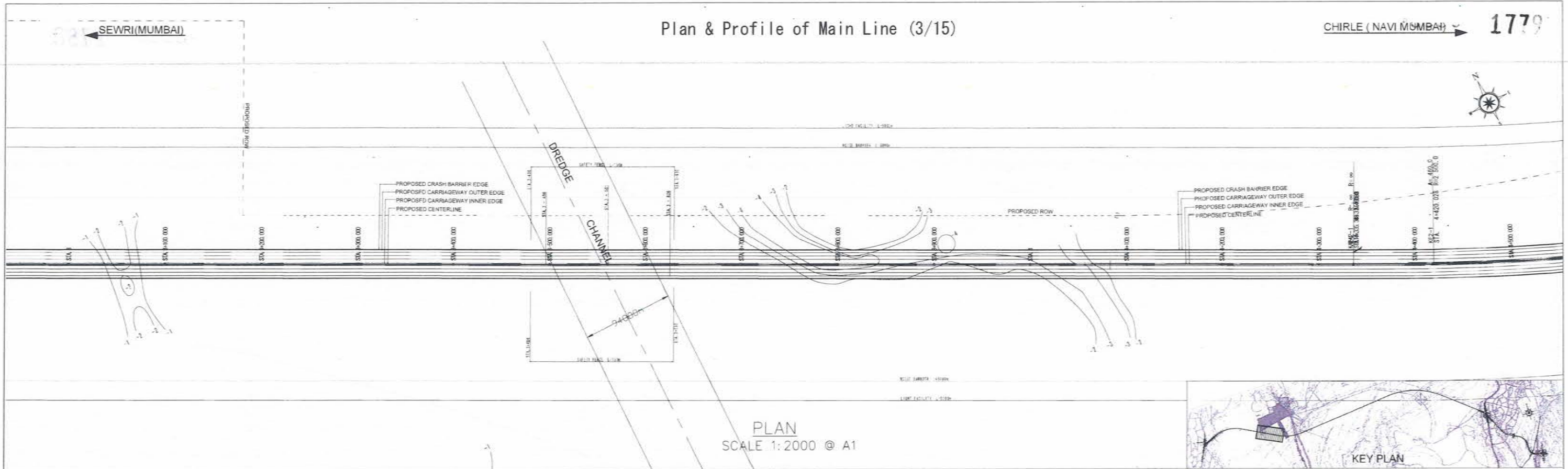


SEWRI (MUMBAI)

Plan & Profile of Main Line (3/15)

CHIRLE (NAVI MUMBAI)

1779



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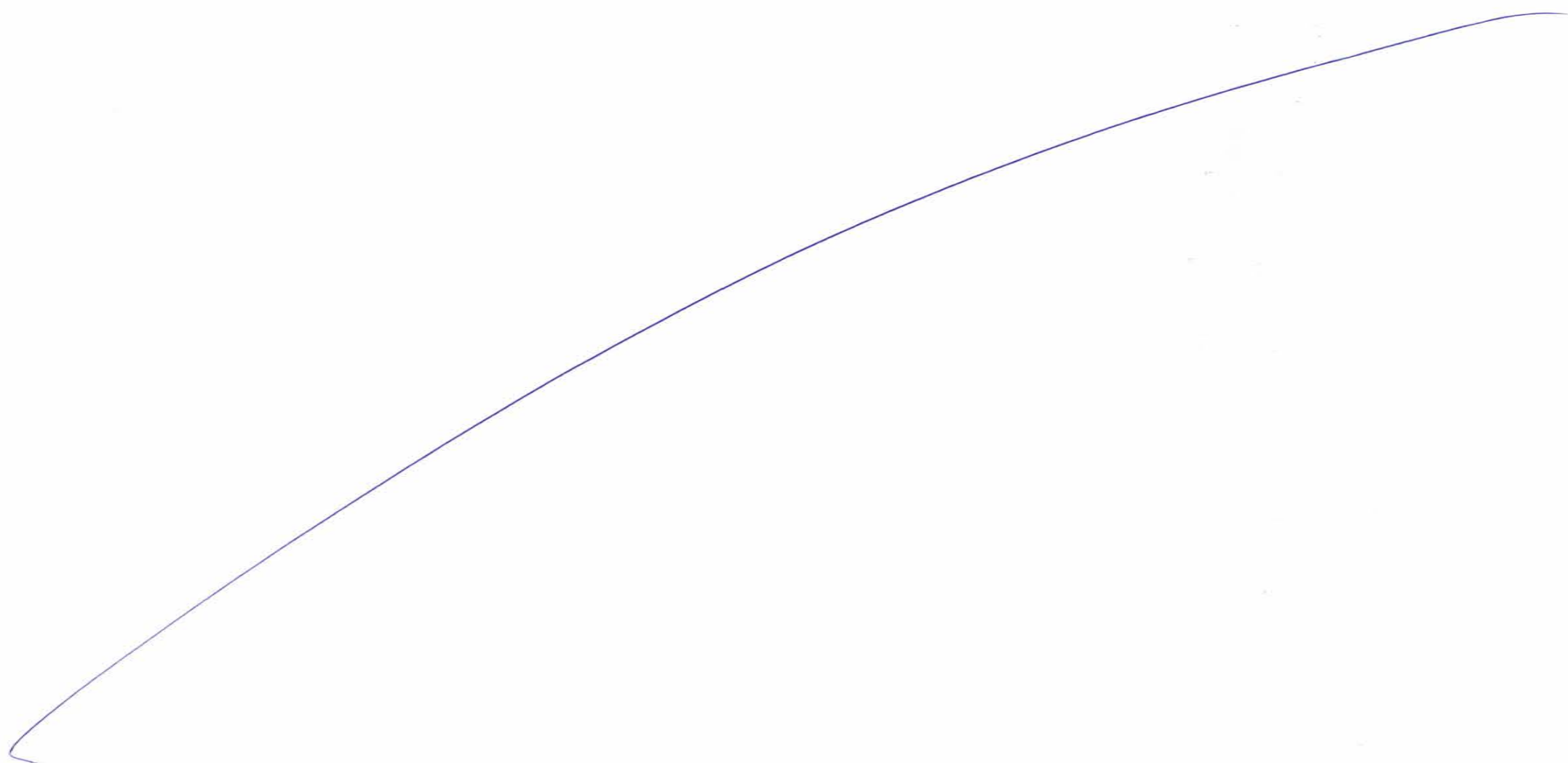


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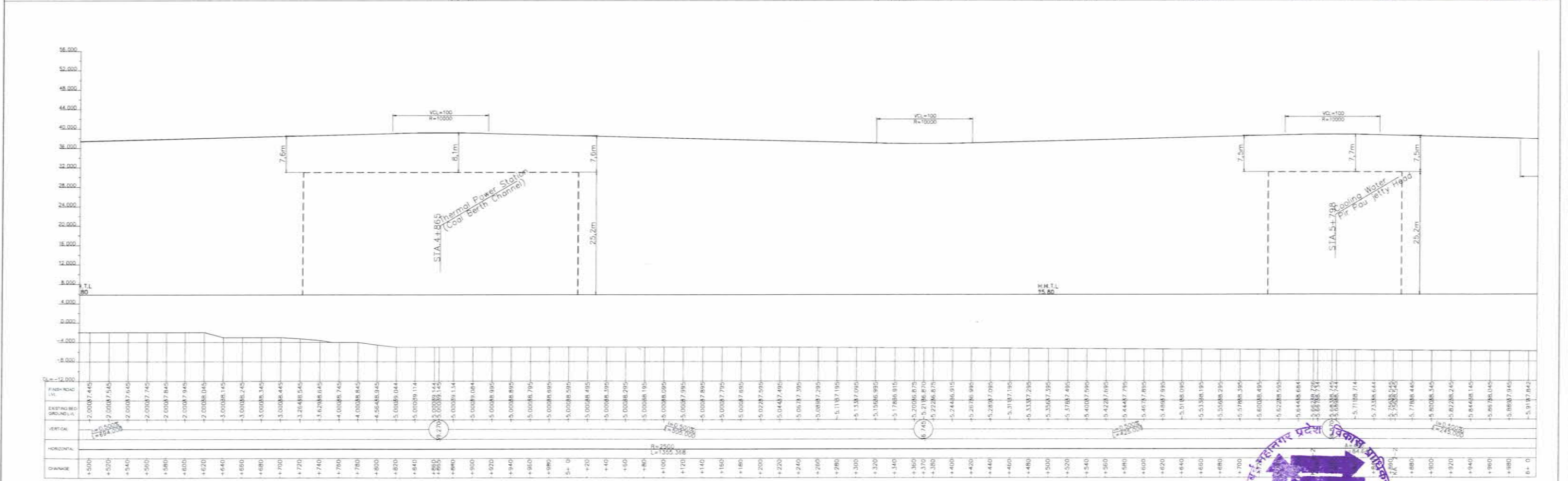
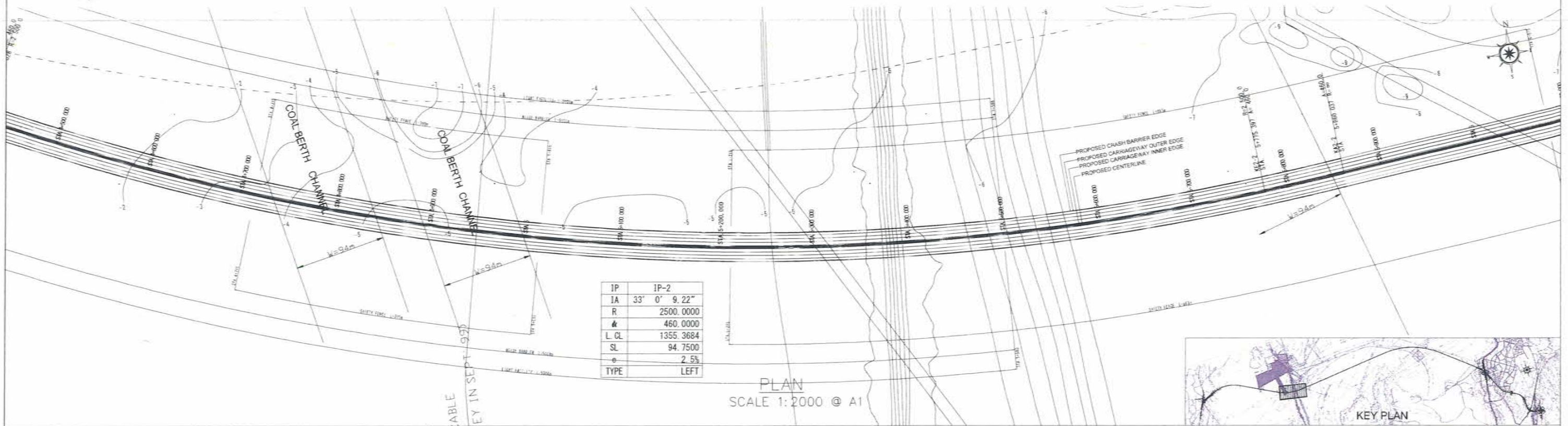




SEWRI (MUMBAI)

Plan & Profile of Main Line (4/15)

CHIRLE (NAVI MUMBAI) 1781



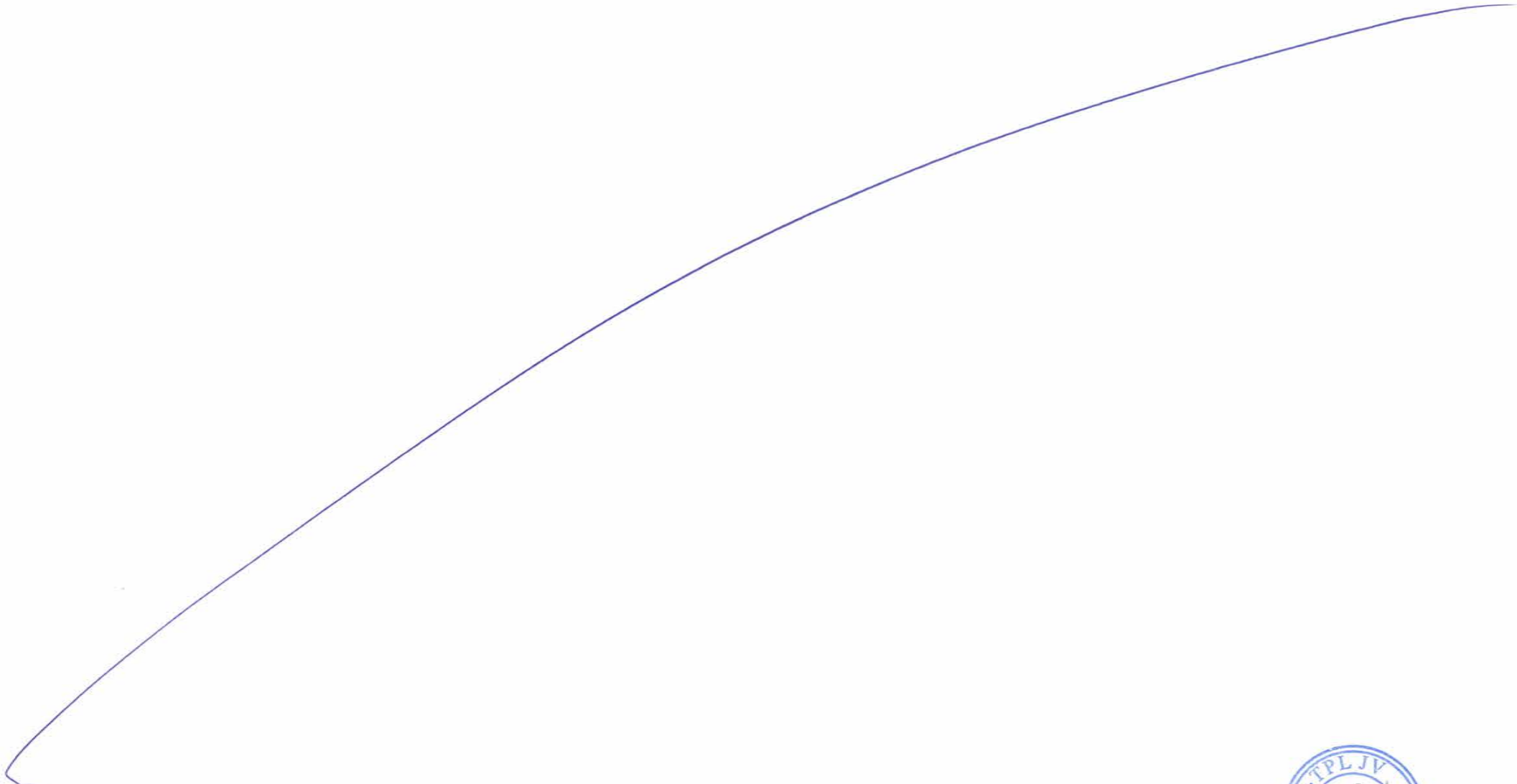
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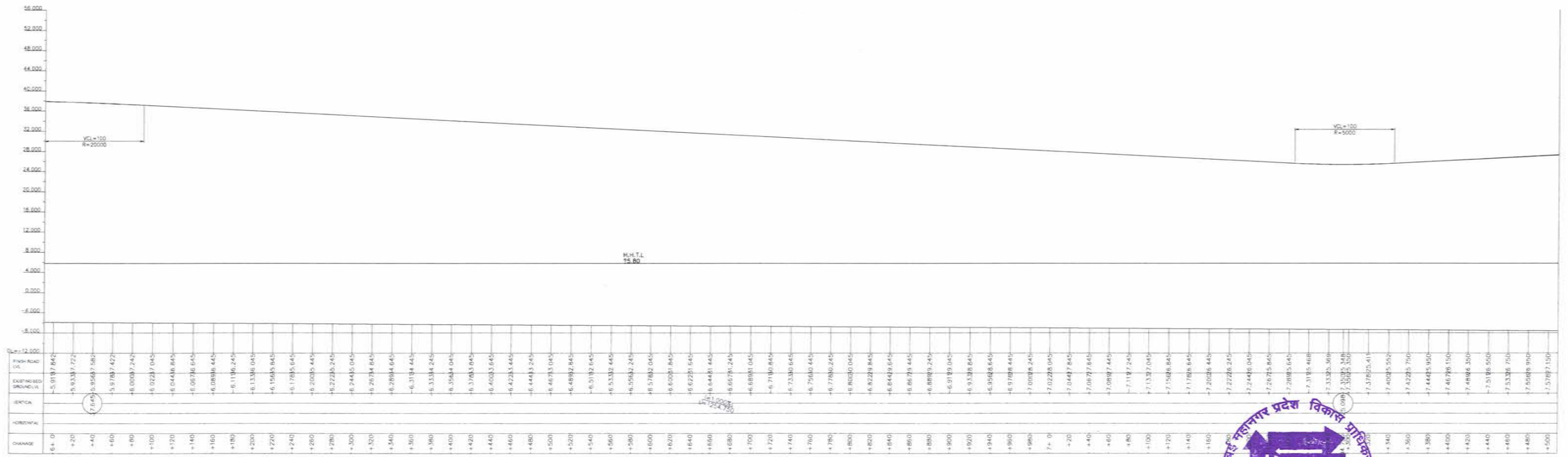
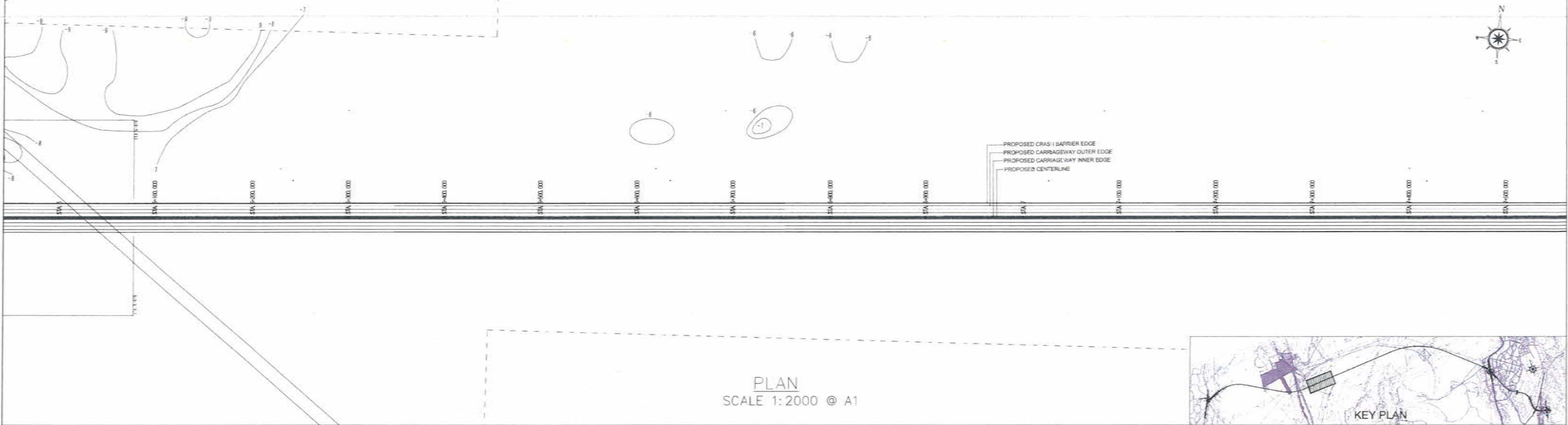
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← SEWRI (MUMBAI)

Plan & Profile of Main Line (5/15)

CHIRLE (NAVI MUMBAI) → 1783



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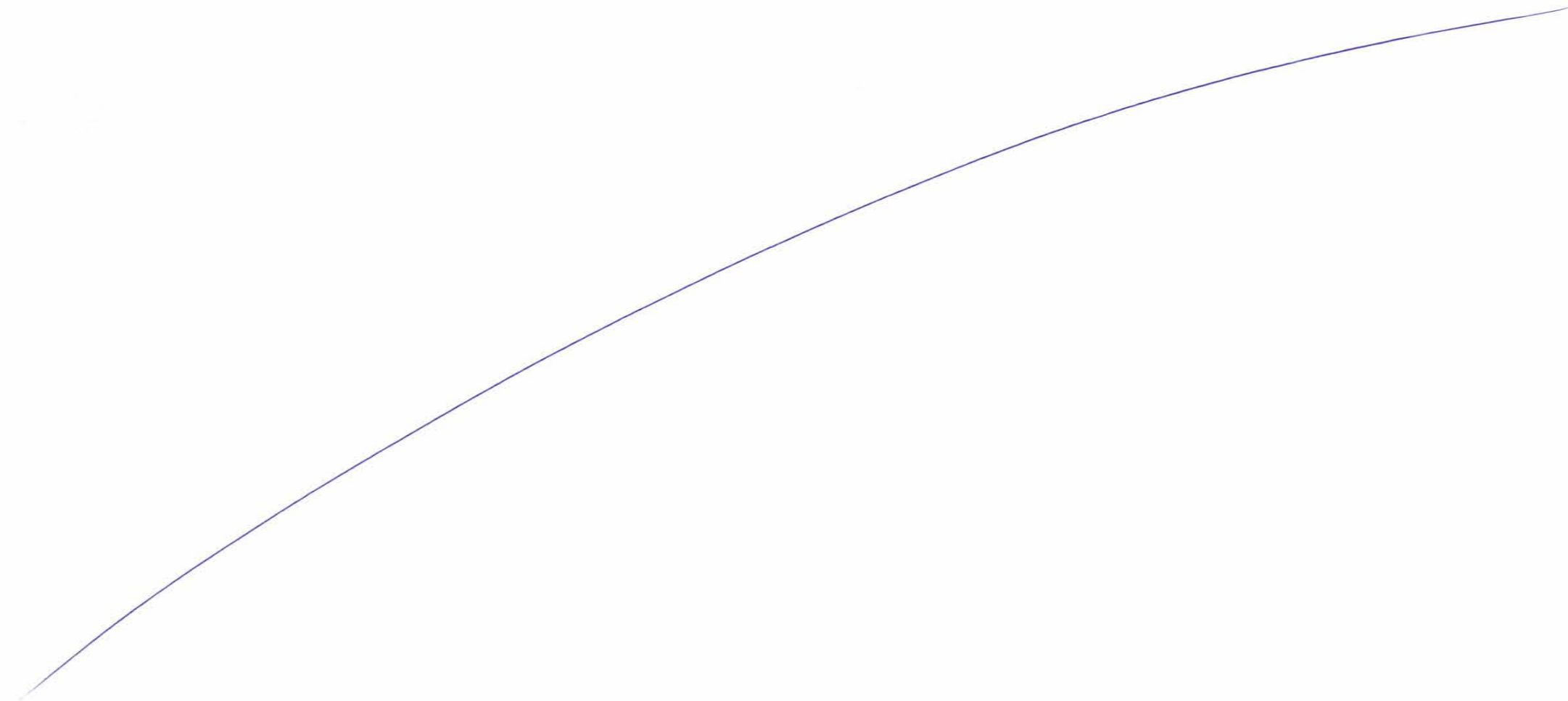
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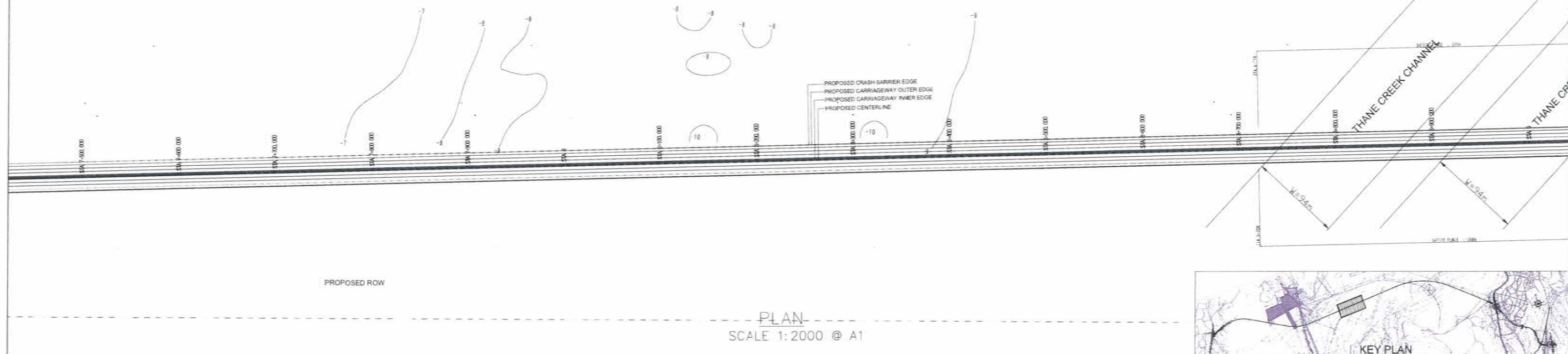
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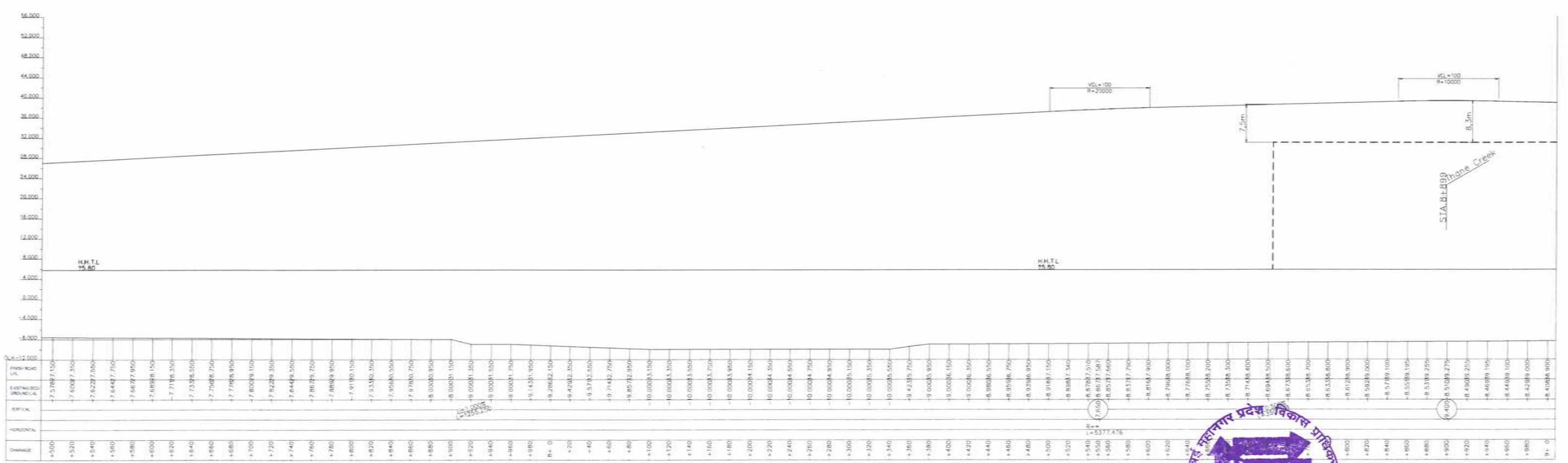
SEWRI(MUMBAI) ←

Plan & Profile of Main Line (6/15)

CHIRLE (NAVI MUMBAI) → 1785



PLAN
SCALE 1:2000 @ A1



PROFILE
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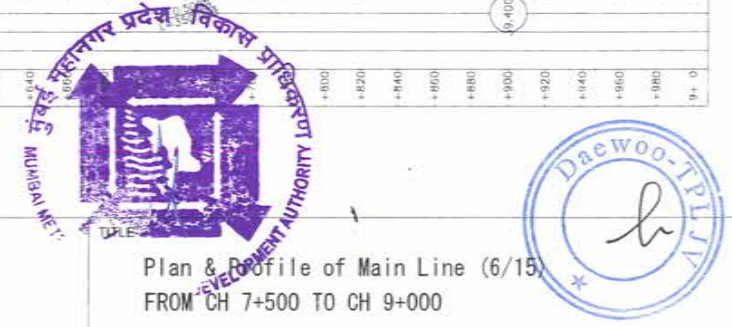
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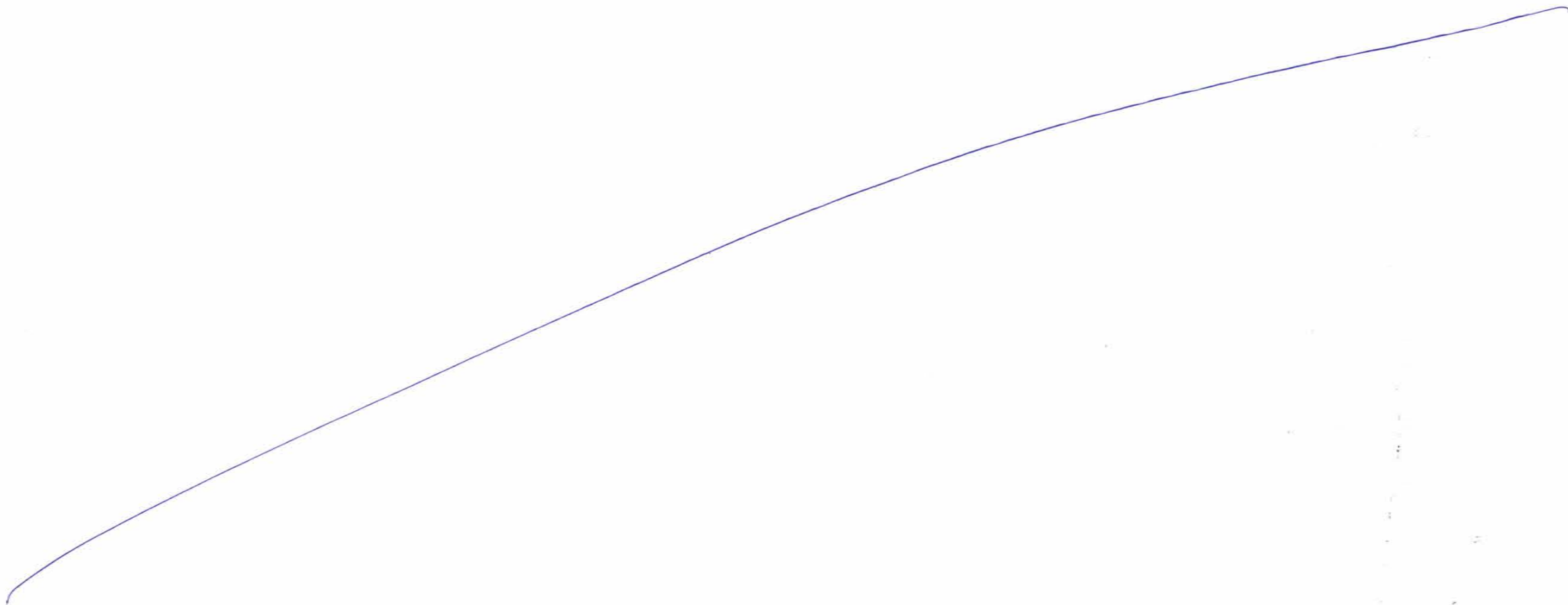
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TENDER DRAWINGS

Plan & Profile of Main Line (6/15)
FROM CH 7+500 TO CH 9+000

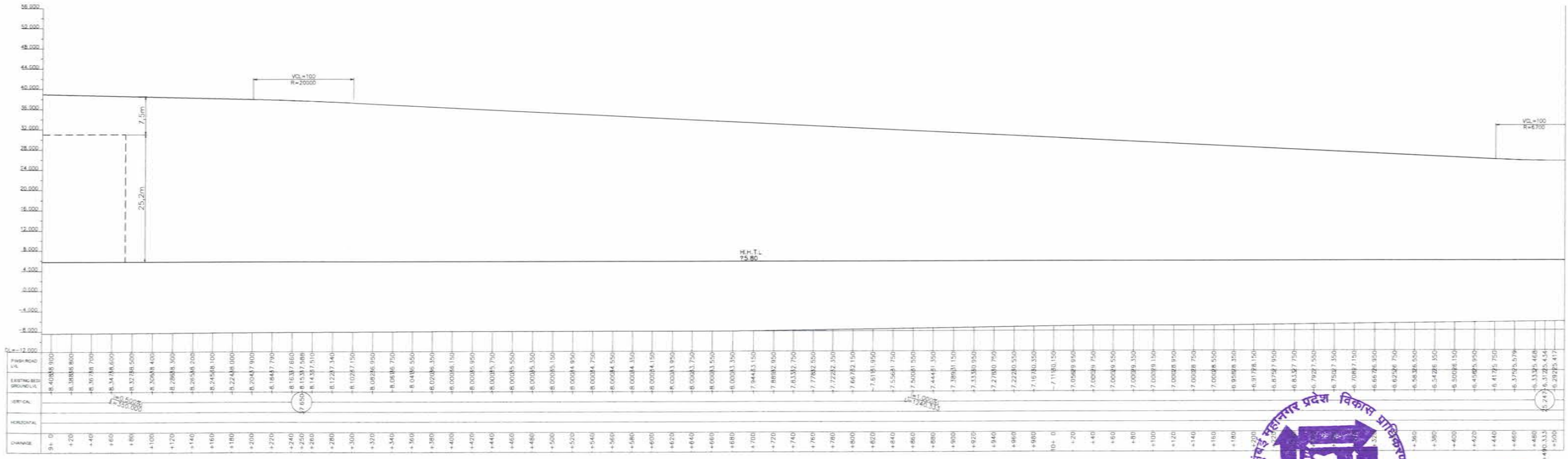
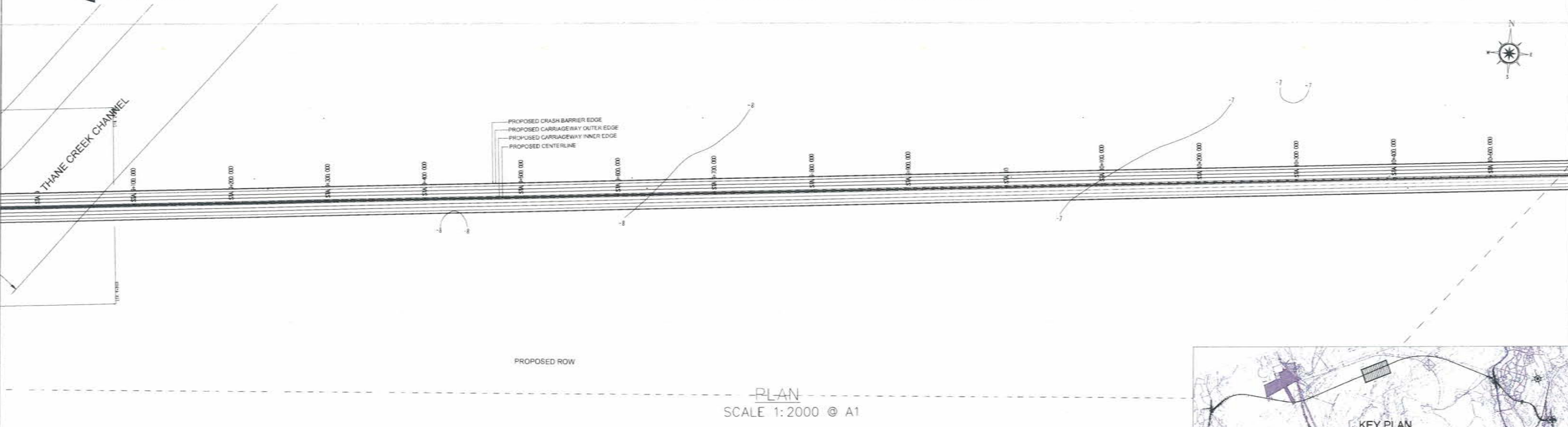
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Plan & Profile of Main Line (7/15)

CHIRLE (NAVI MUMBAI) → 1787



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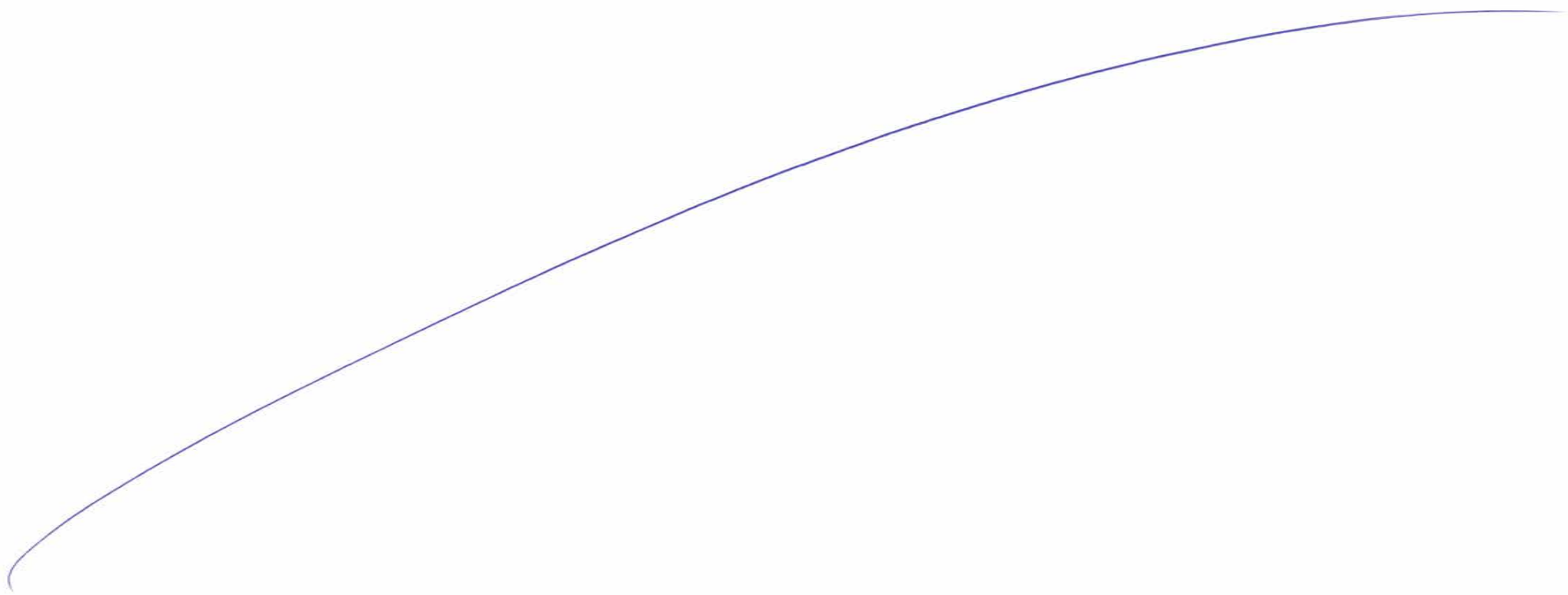
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 DEVELOPMENT AUTHORITY

PROJECT :-

**MUMBAI TRANS HARBOUR LINK PROJECT
 TENDER DRAWINGS**

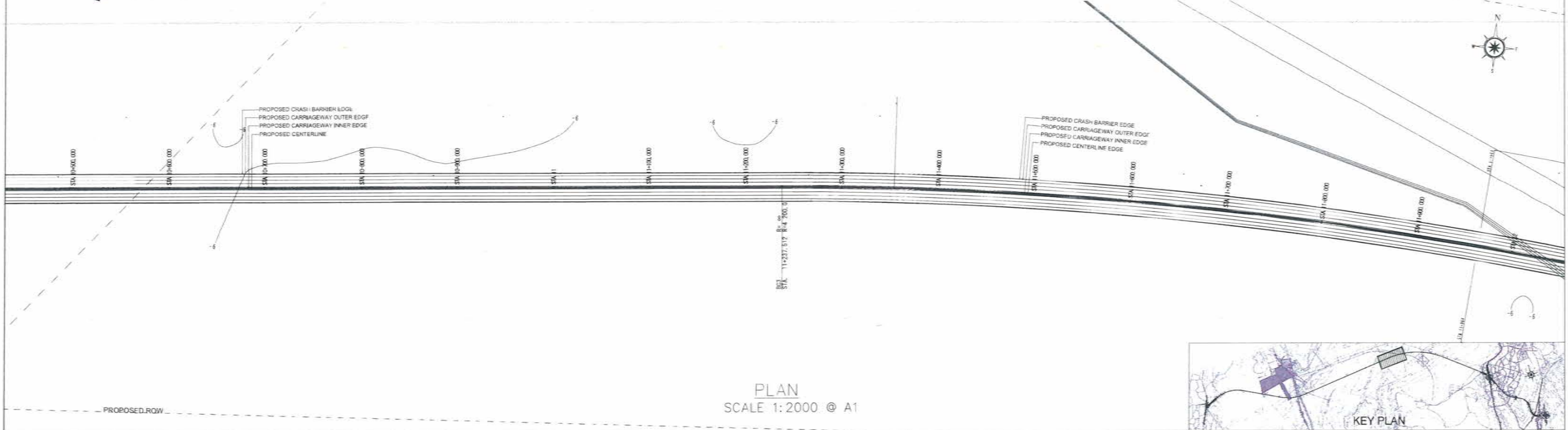


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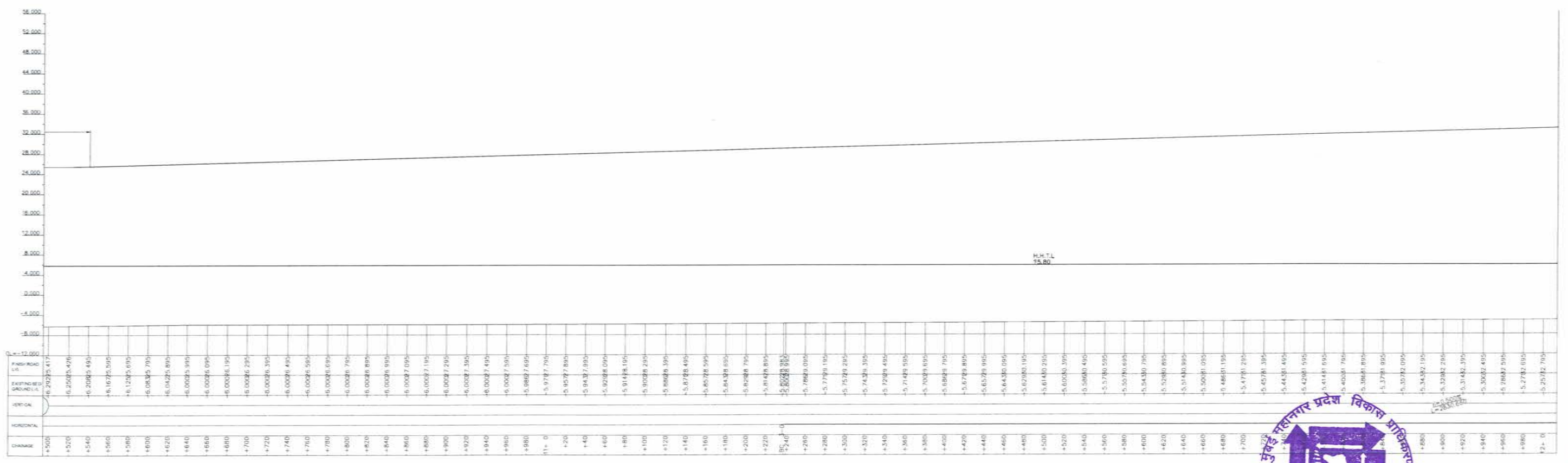


Plan & Profile of Main Line (8/15)

SEWRI (MUMBAI) ← 1799 → CHIRLE (NAVI MUMBAI)



PLAN
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PROFILE
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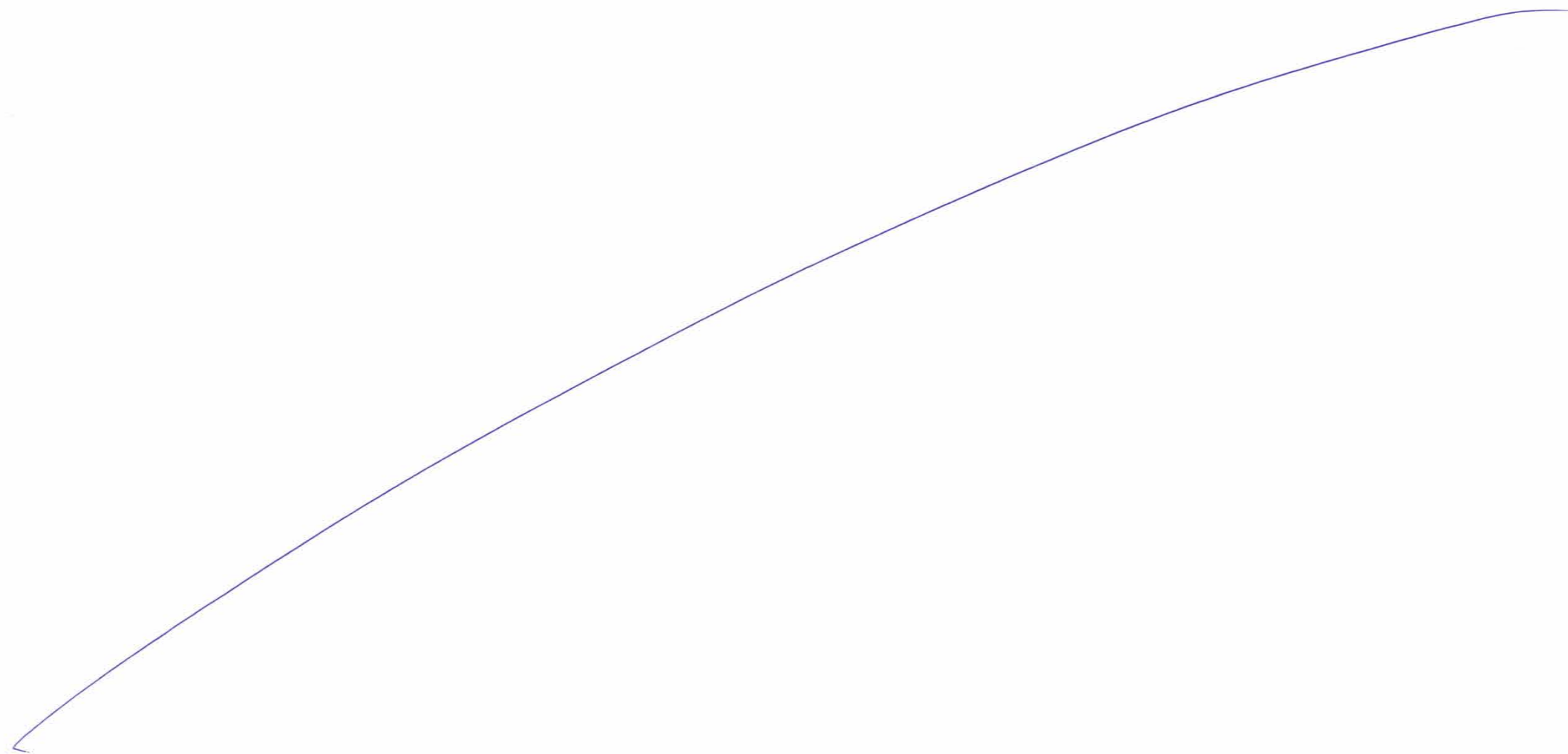


PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



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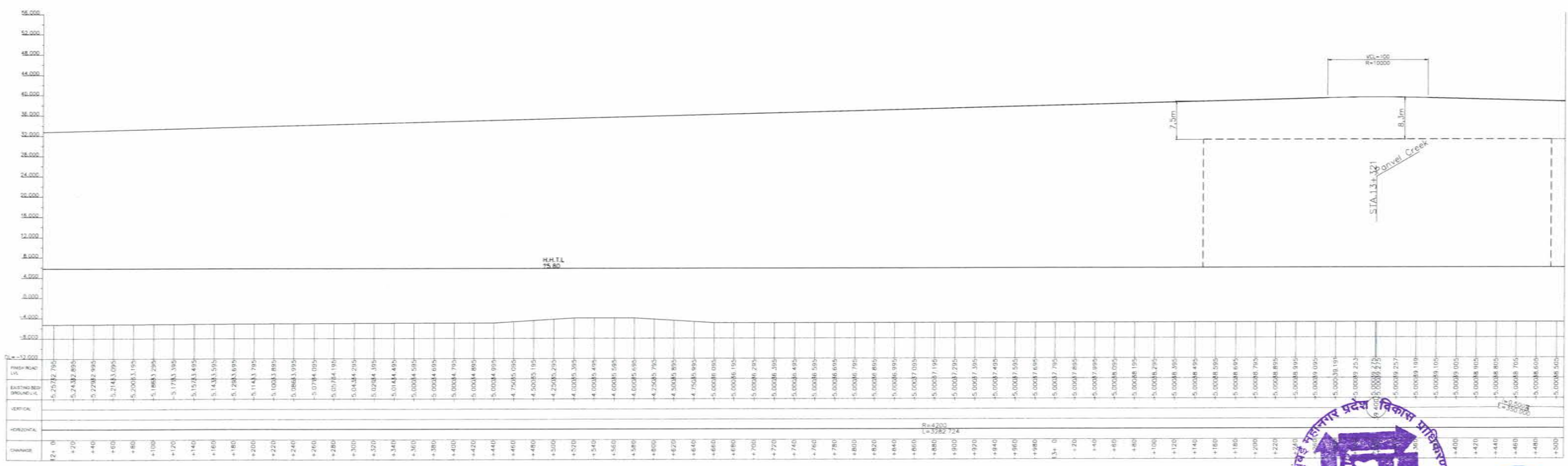
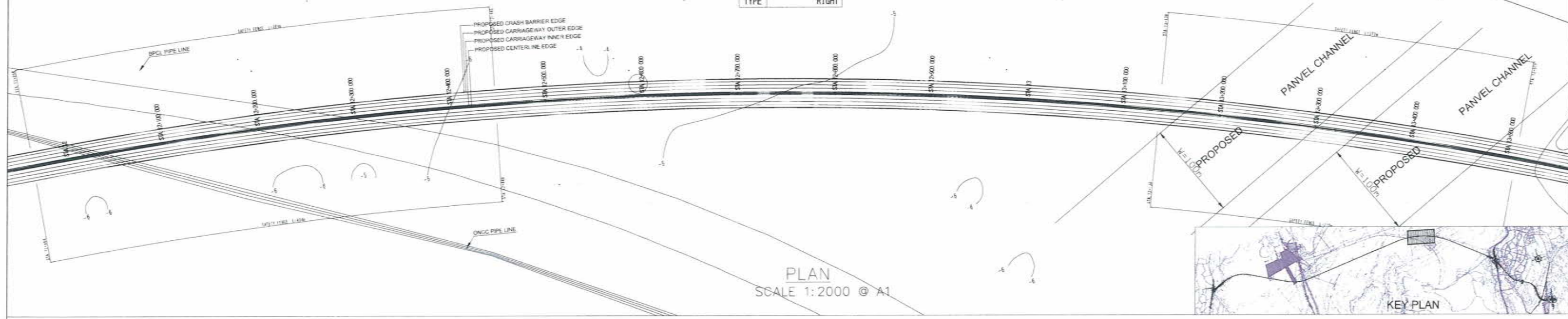


SEWRI (MUMBAI)

Plan & Profile of Main Line (9/15)

CHIRLE (NAVI MUMBAI) 1701

IP	IP-3
IA	44° 46' 56.74"
R	4200.0000
L CL	3282.7234
SL	342.4830
e	2.5%
TYPE	RIGHT



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

NAME	IGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

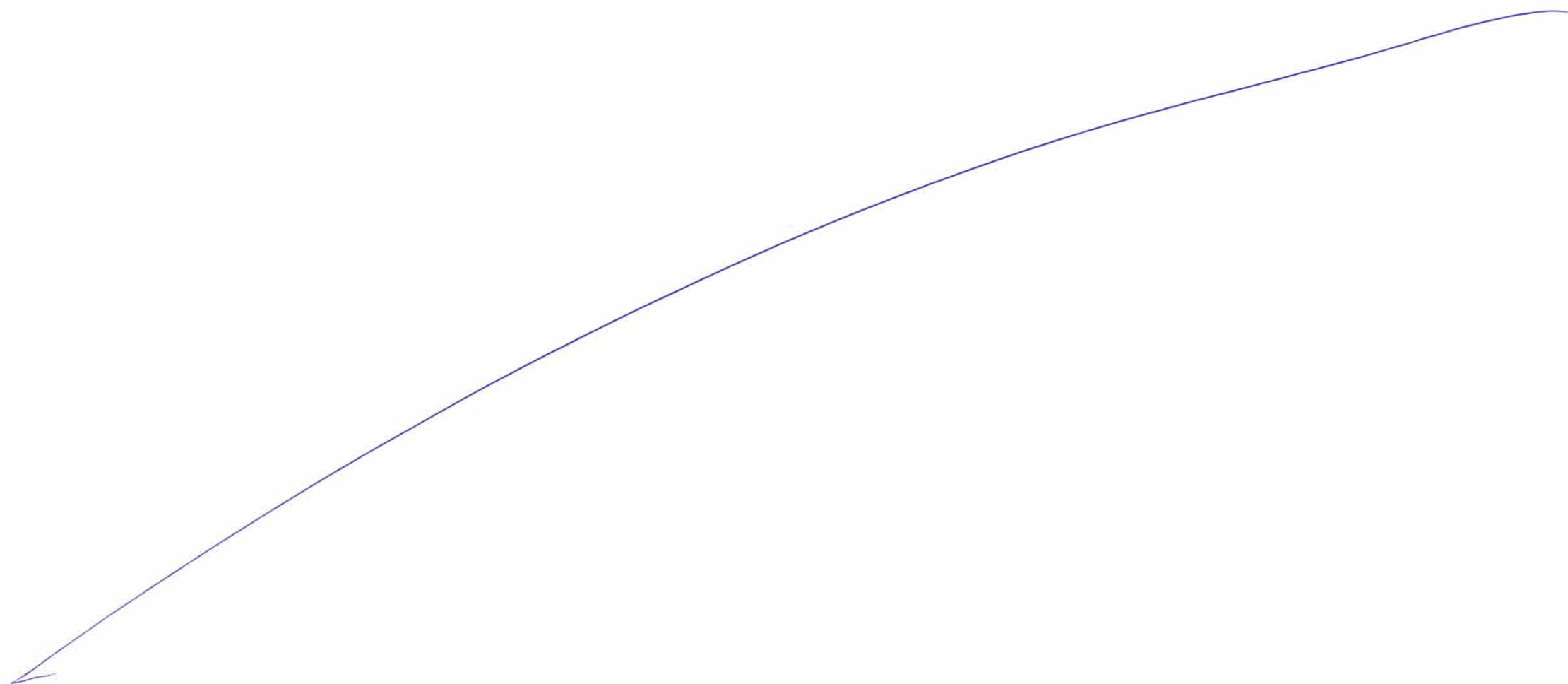


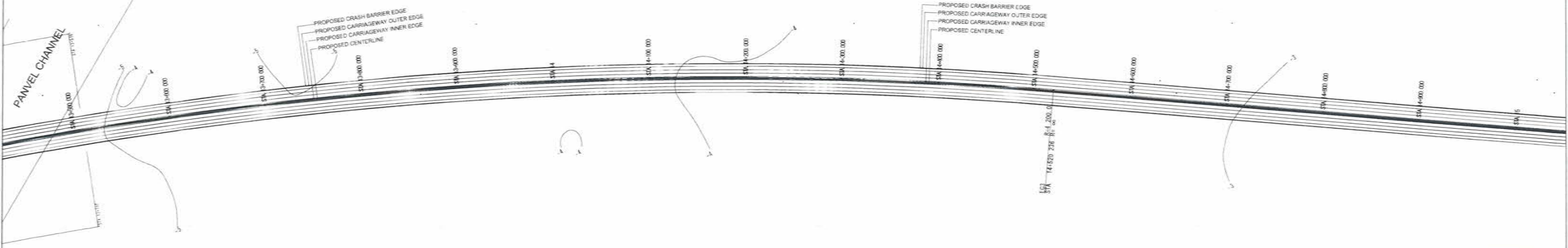
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

TITLE -
Plan & Profile of Main Line (9/15)
FROM CH 12+00 TO CH 13+500

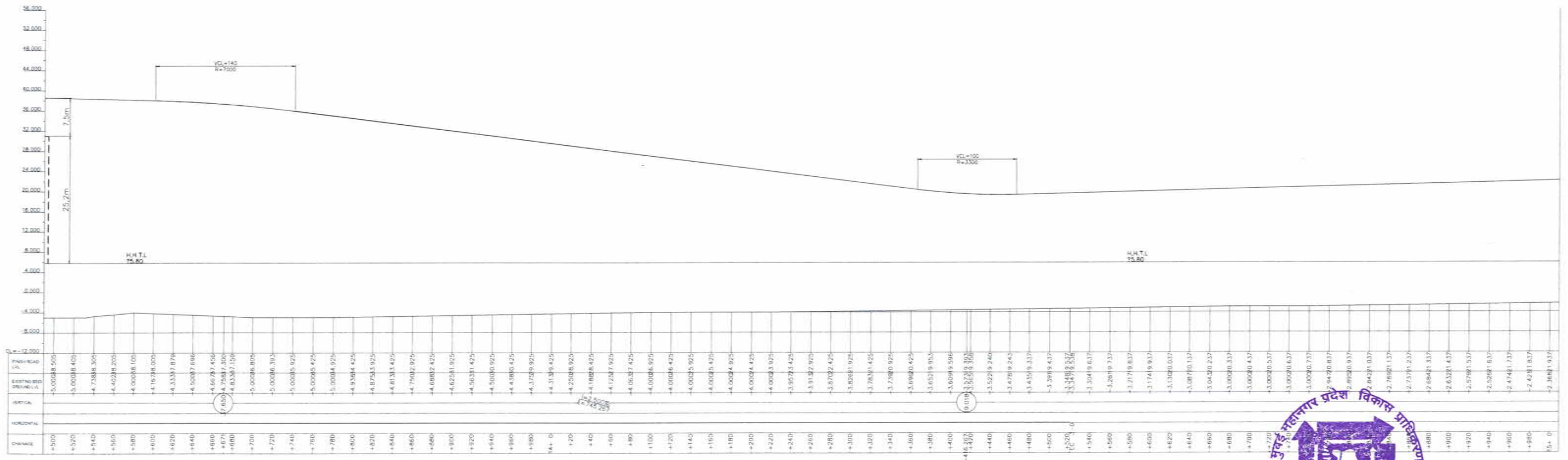
DATE: _____ DRAWING NO. H-009 REV. _____







PLAN
SCALE 1:2000 @ A1



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

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



PROJECT -

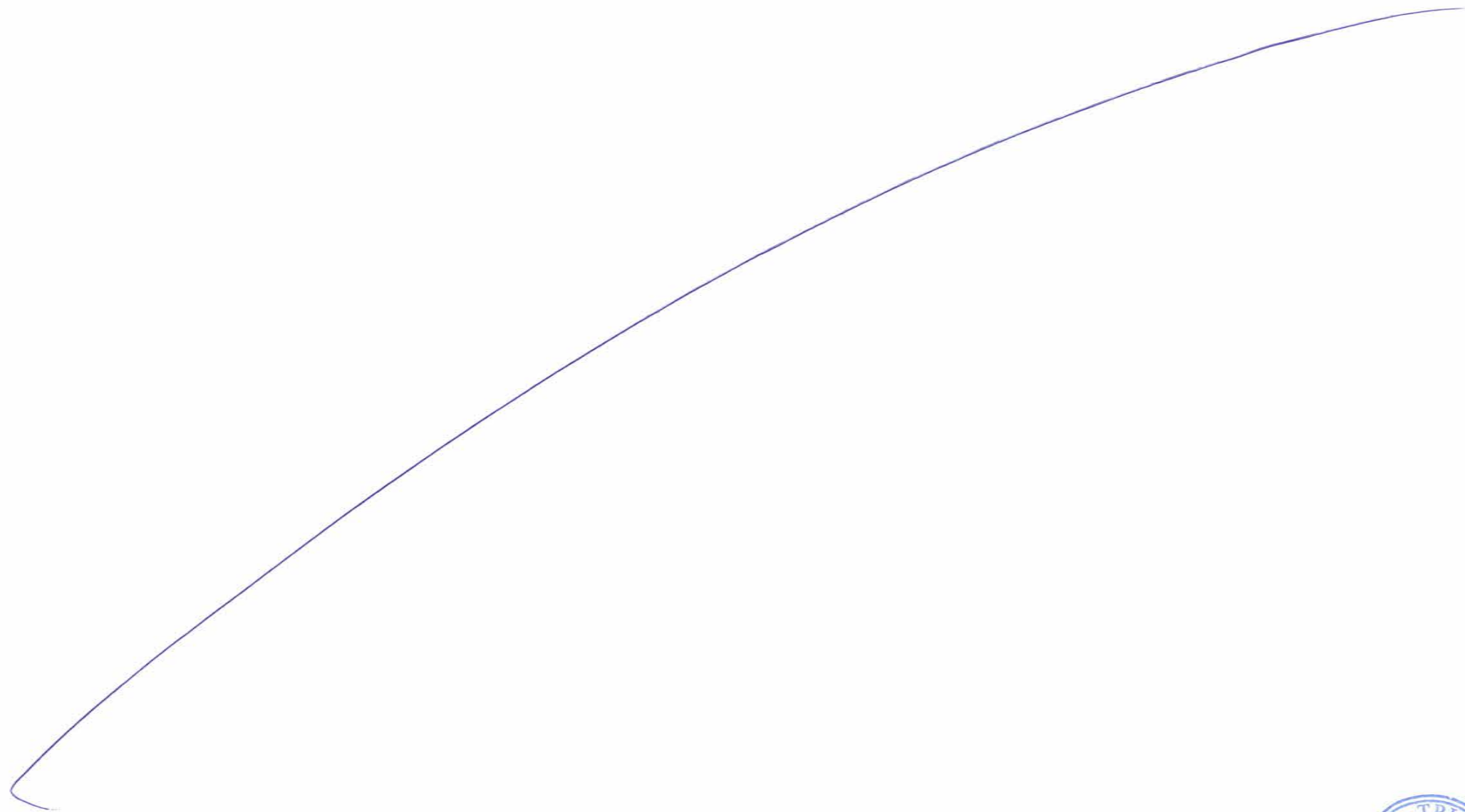
MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS

TITLE -

Plan & Profile of Main Line (10/15)
FROM CH 13+500 TO CH 15+000

DATE: _____ DRAWING NO. H-010 REV. _____

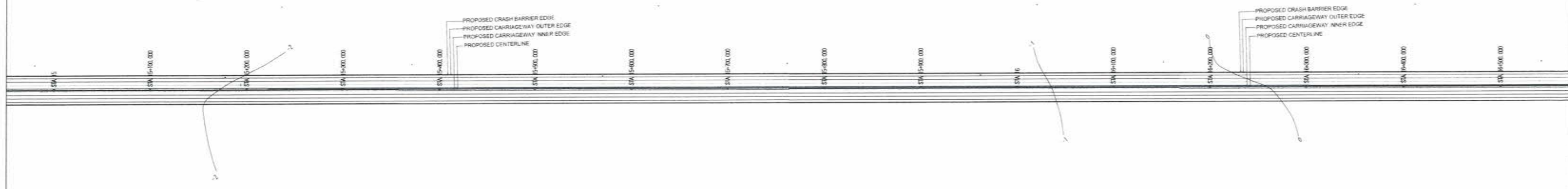




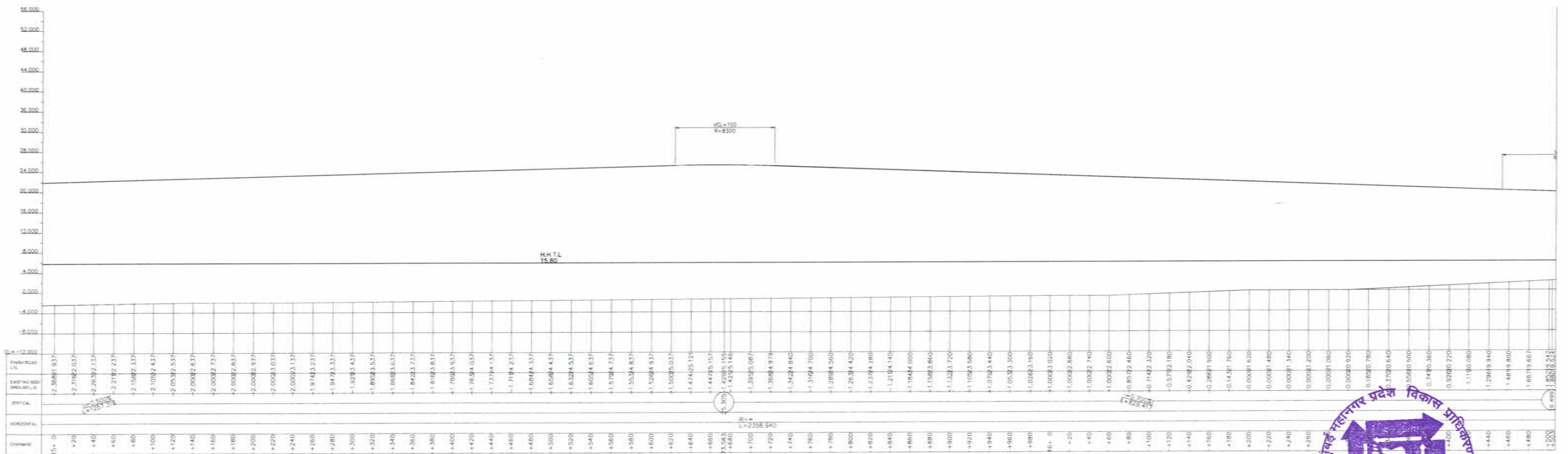
SEWRI (MUMBAI) ←

Plan & Profile of Main Line (11/15)

CHIRLE (NAVA MUMBAI) → 1705



PLAN
SCALE 1:2000 © A1



PROFILE
SCALE H=1:2000 V=400 © A1

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



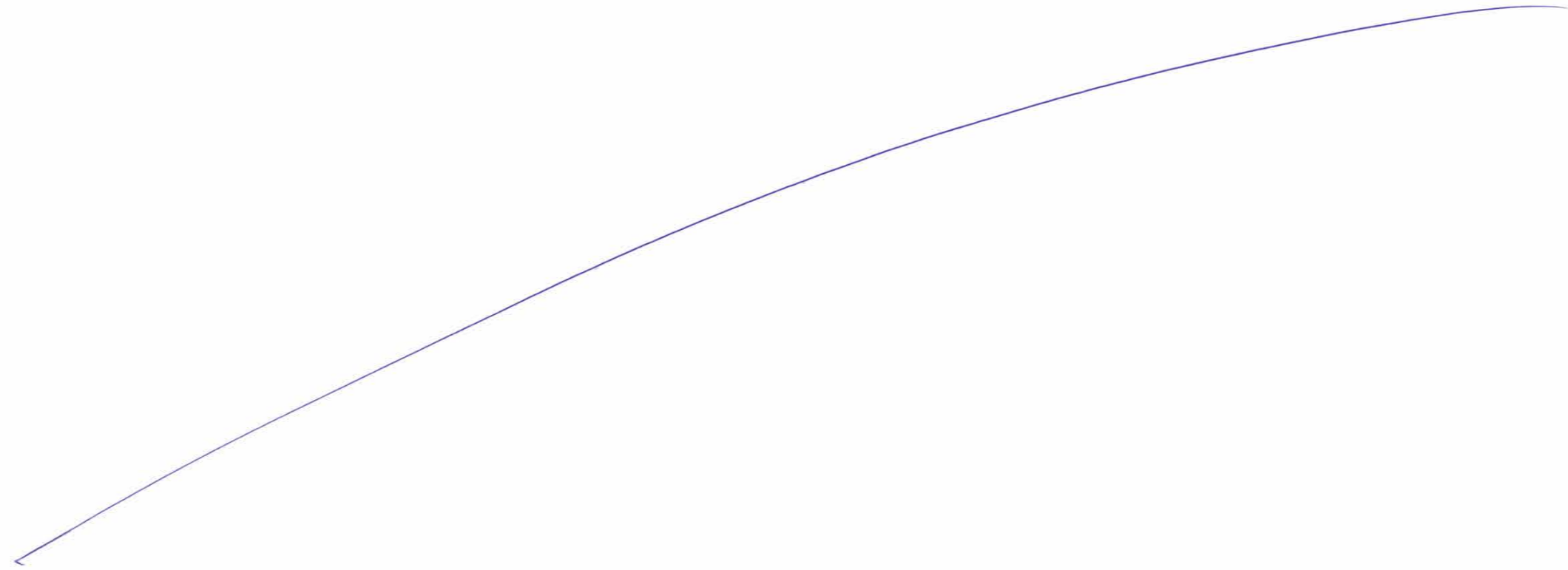
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -
Plan & Profile of Main Line (11/15)
FROM CH 15+00 TO CH 16+500

DATE: _____ DRAWING NO. H-011 REV. _____

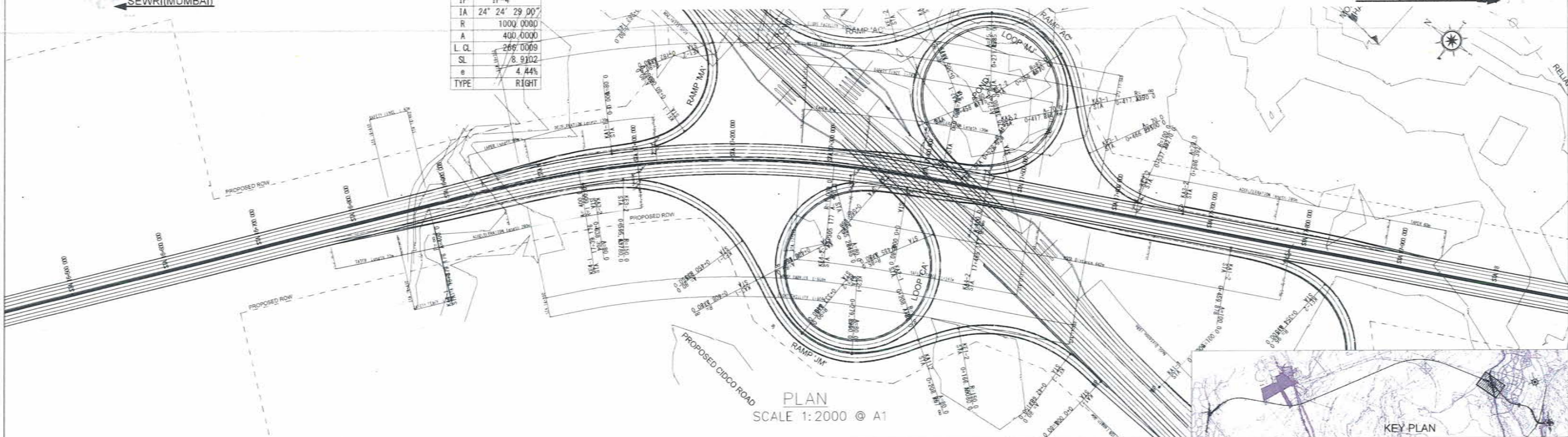




Plan & Profile of Main Line (12/15)

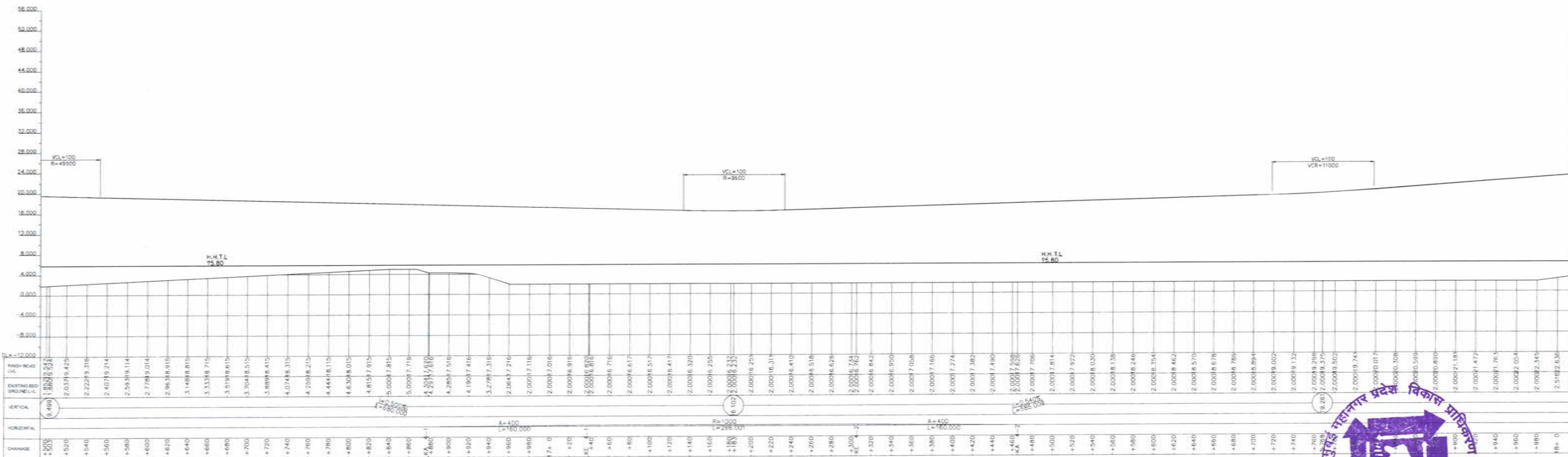
CHIRLE (NAVI+MUMBAI) 1707

IP	IP-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

KEY PLAN



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

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

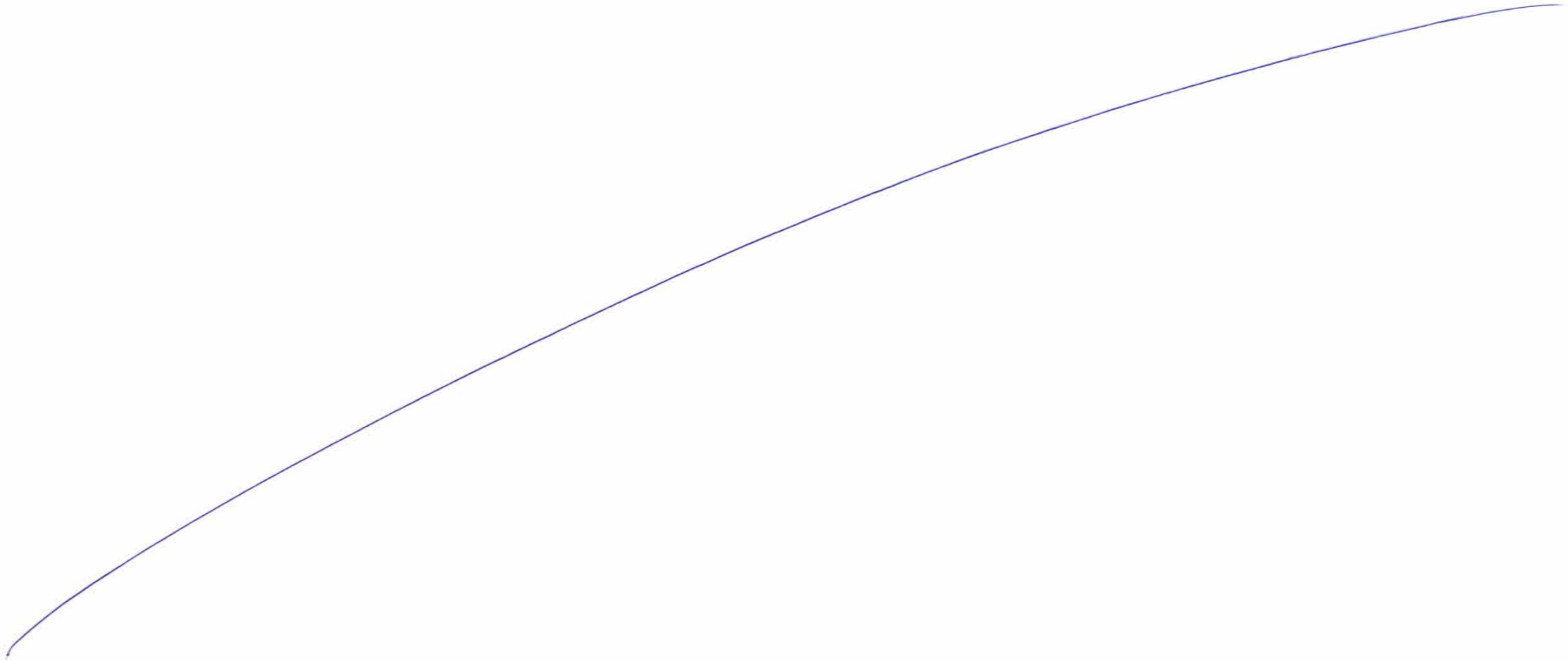


PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



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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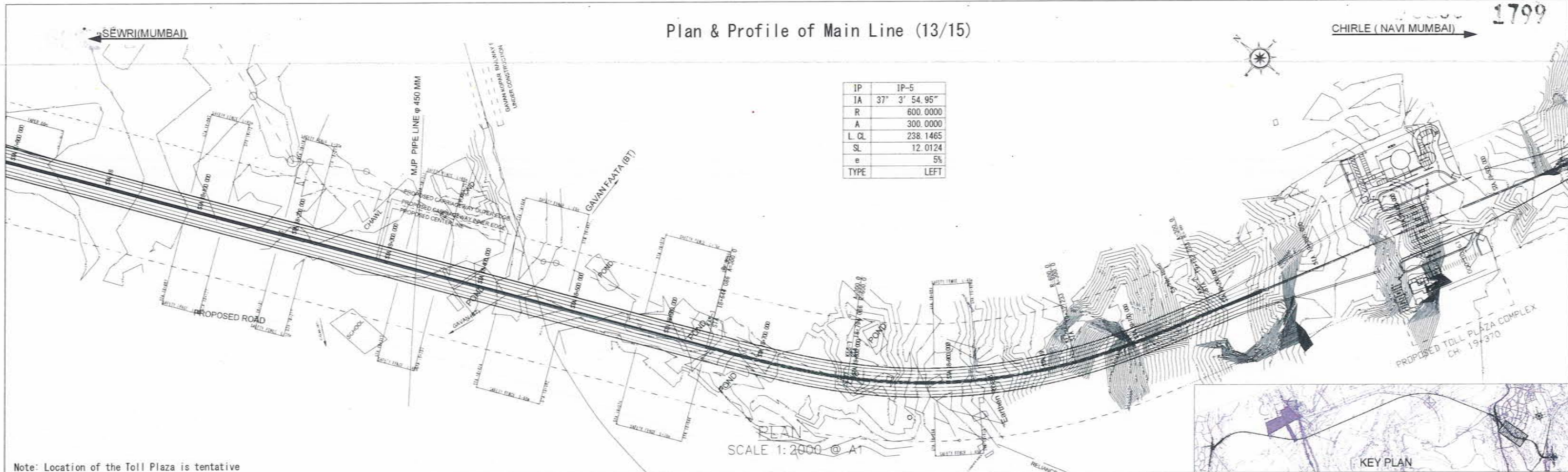




Plan & Profile of Main Line (13/15)

CHIRLE (NAVI MUMBAI)

1799

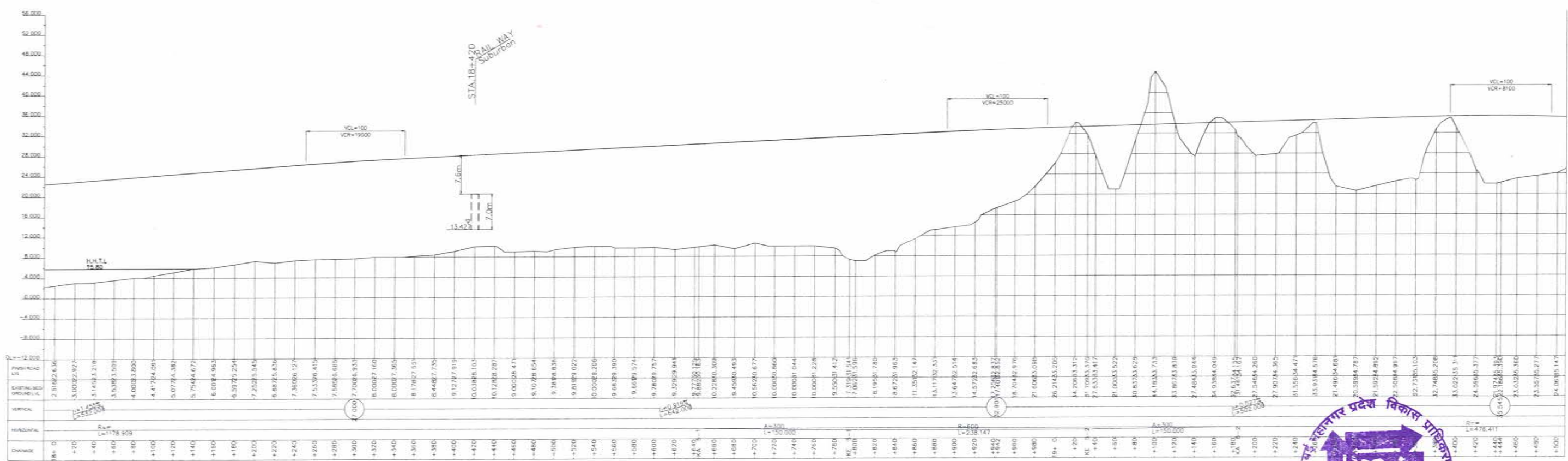


IP	IP-5
IA	37° 3' 54.95"
R	600.0000
A	300.0000
L CL	238.1465
SL	12.0124
e	5%
TYPE	LEFT

SCALE 1:2000 @ A1



Note: Location of the Toll Plaza is tentative



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

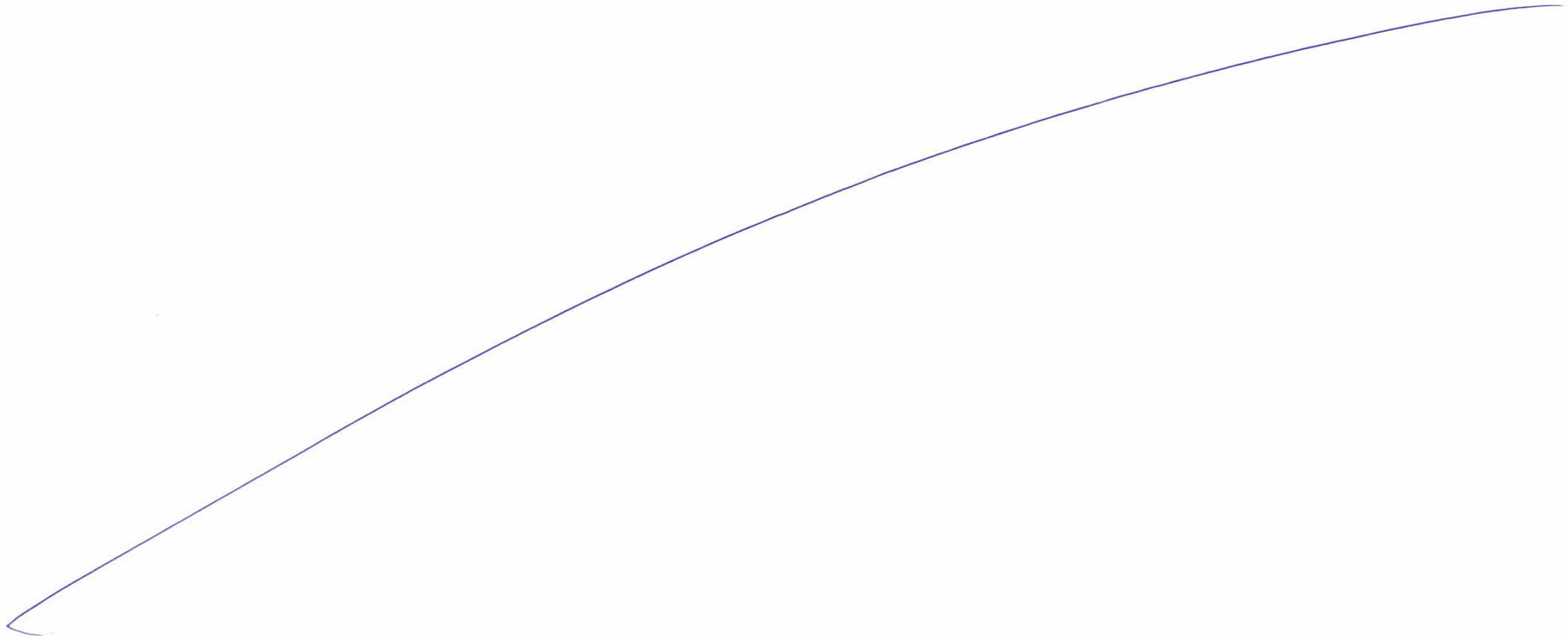
NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



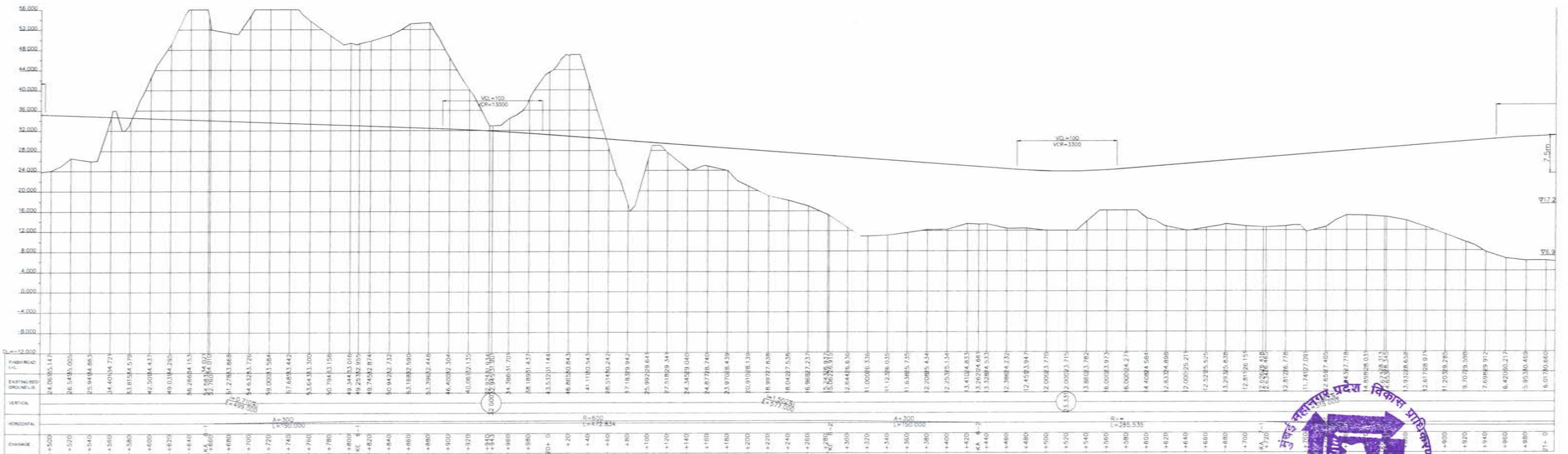
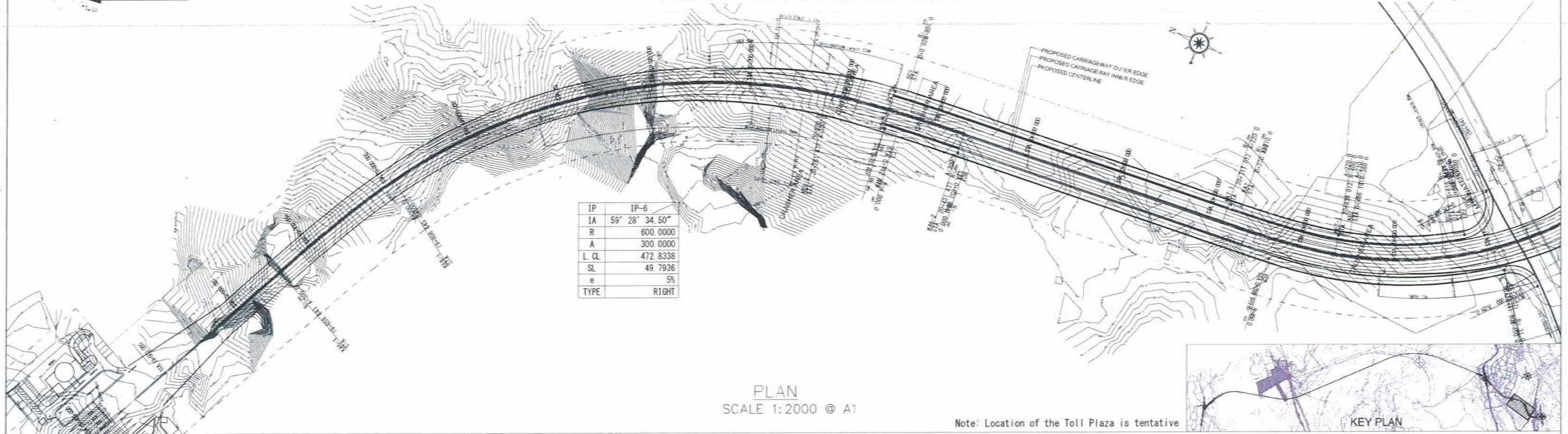
TITLE - Plan & Profile of Main Line (13/15) FROM CH 18+00 TO CH 19+50	DATE	DRAWING NO. H-013	REV.
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SEWRI (MUMBAI)

Plan & Profile of Main Line (14/15)

CHIRLE (NAVI MUMBAI) - 1804



NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

DATE: _____

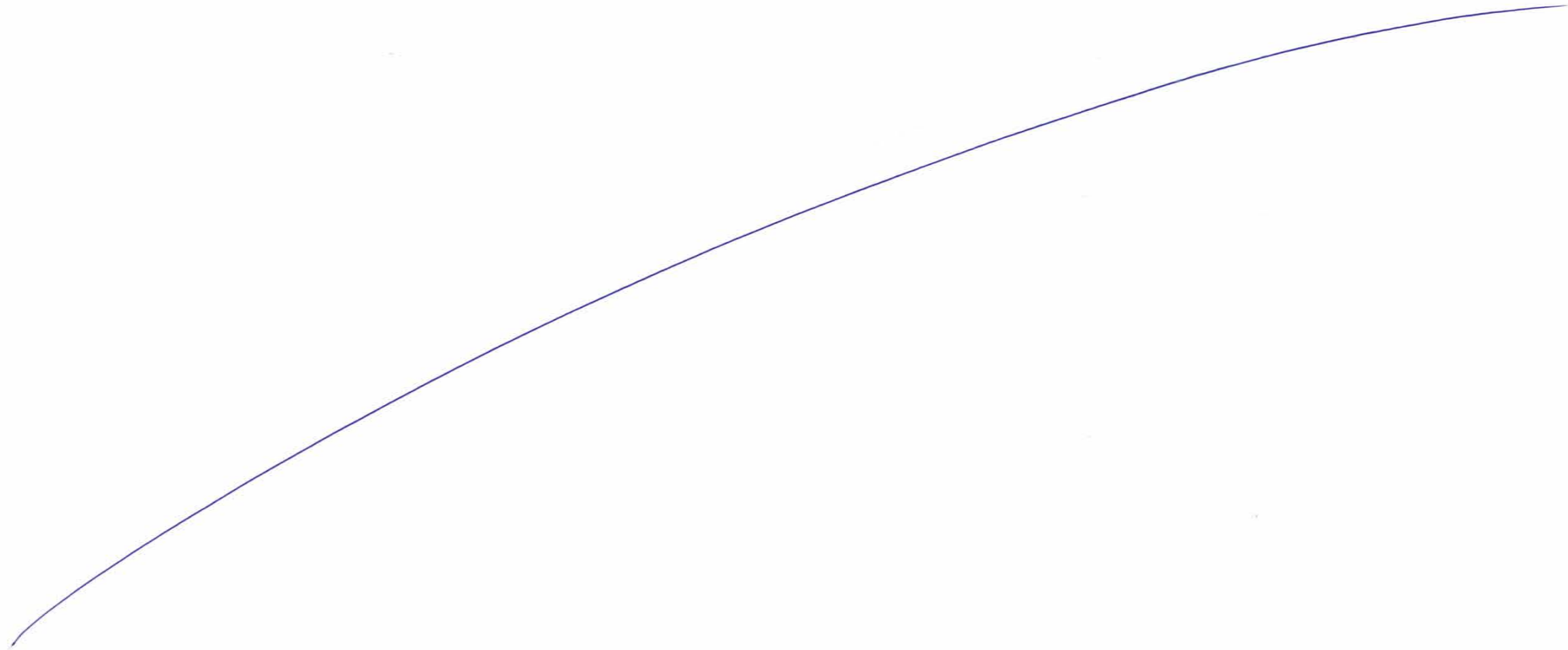
DRAWING NO. H-014

REV. _____

TITLE -

Plan & Profile of Main Line (14/15)
FROM CH 19+500 TO CH 21+000



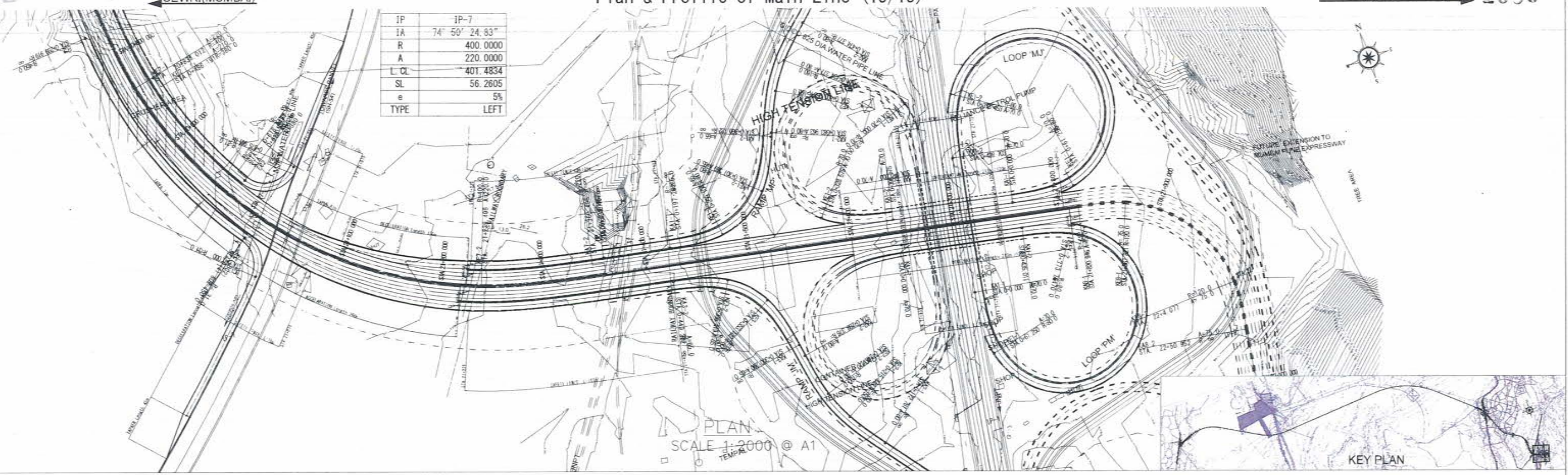


← SEWRI (MUMBAI)

Plan & Profile of Main Line (15/15)

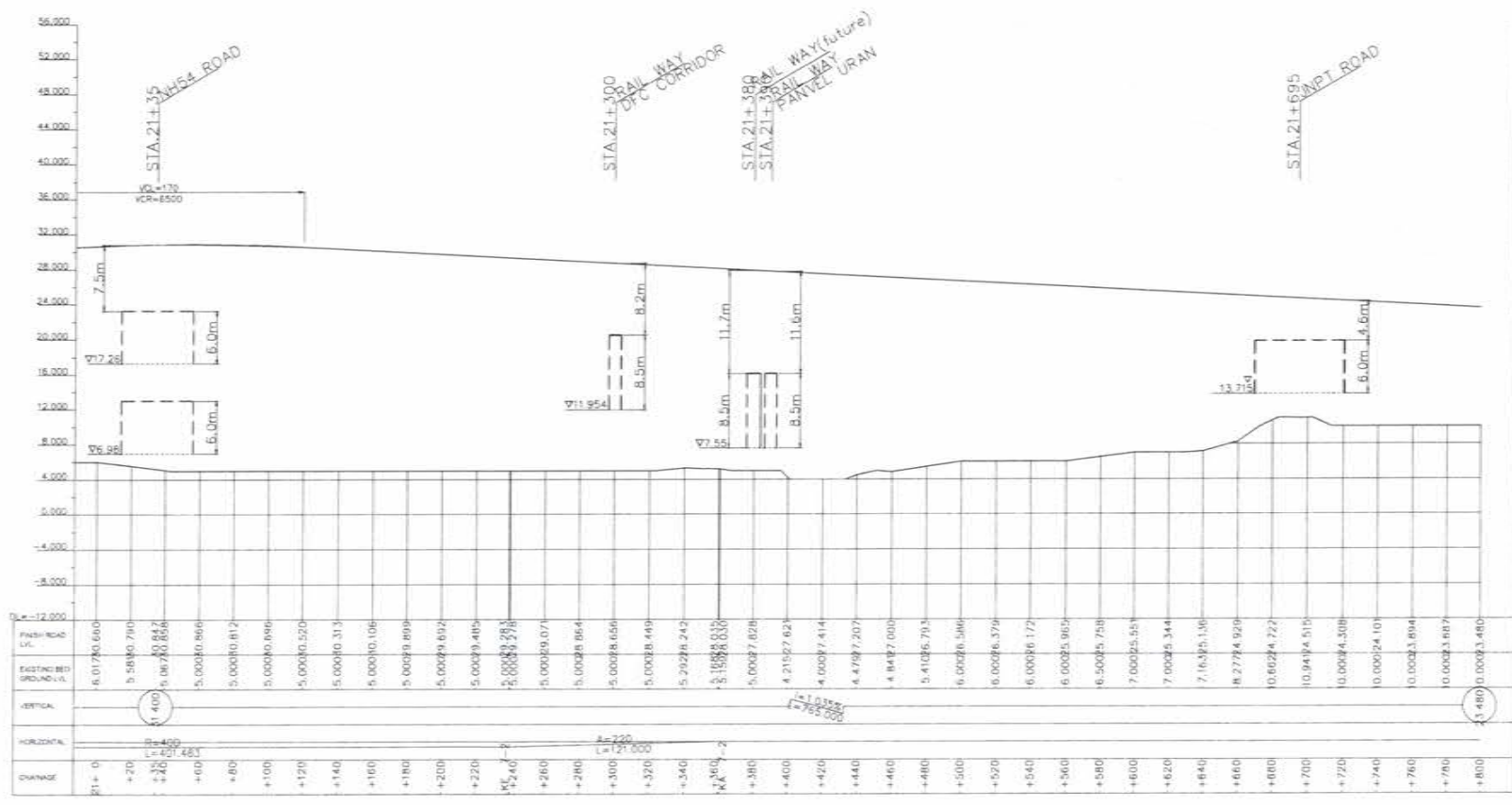
CHIRLE (NAVI MUMBAI) → 1803

IP	IP-7
IA	74° 50' 24.83"
R	400.0000
A	220.0000
L CL	401.4834
SL	56.2605
e	5%
TYPE	LEFT



PLAN
SCALE 1:2000 @ A1

KEY PLAN



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



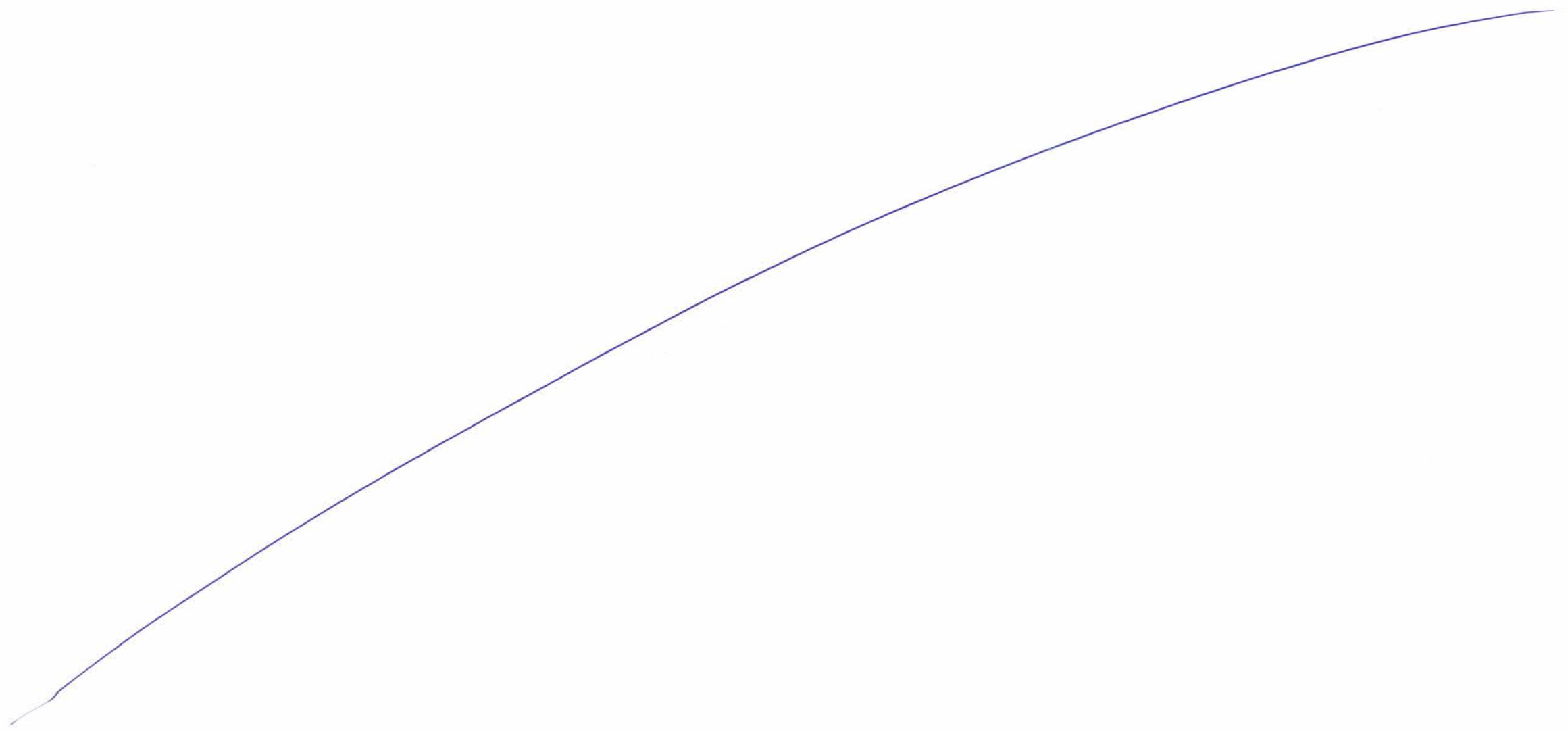
NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

TITLE -
Plan & Profile of Main Line (15/15)
FROM CH 21+000 TO CH 21+800

DATE: _____ DRAWING NO. H-015 REV. _____



Sewri Interchange

1895



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

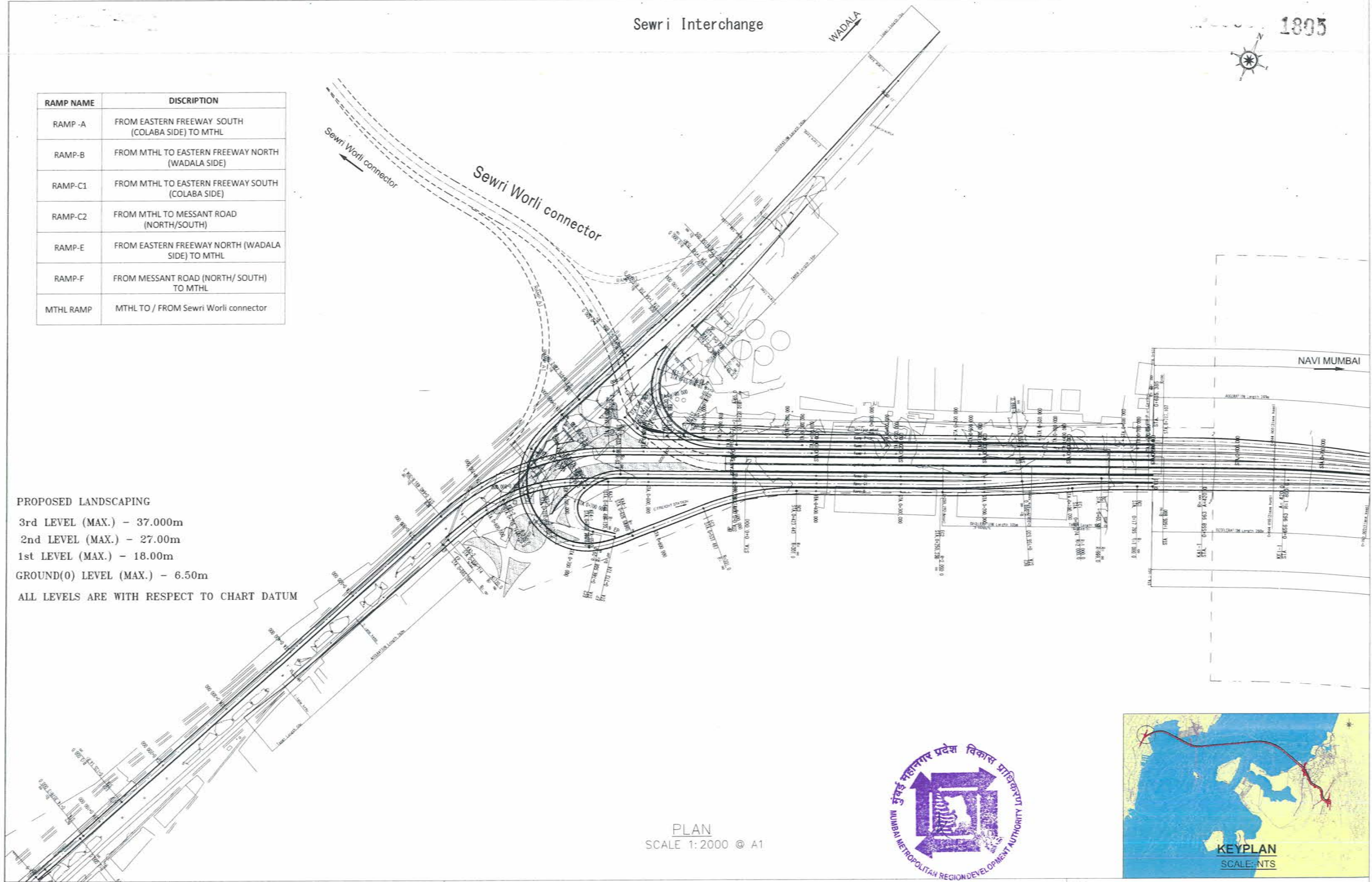
3rd LEVEL (MAX.) - 37.000m

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



KEYPLAN
SCALE: NTS

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**



TITLE -

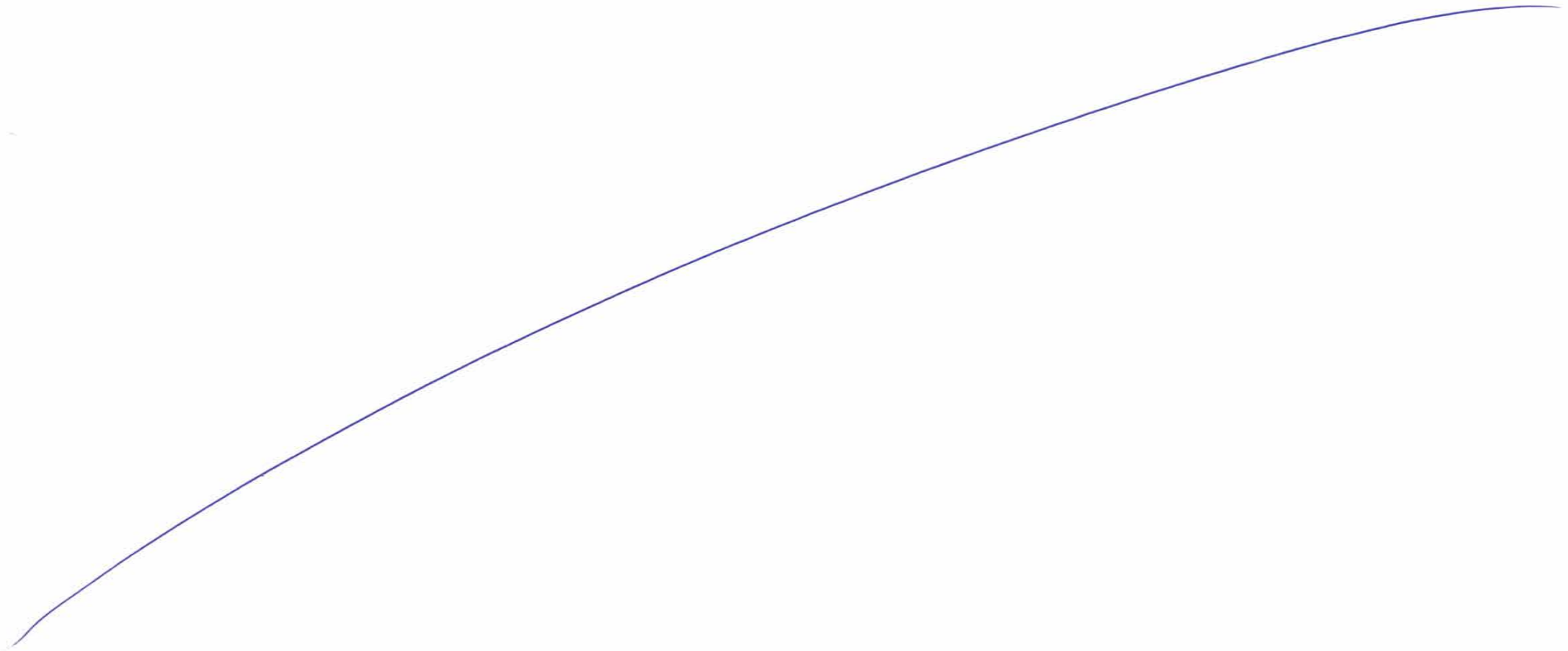
Sewri Interchange

DATE

DRAWING NO.

H-016

REV.



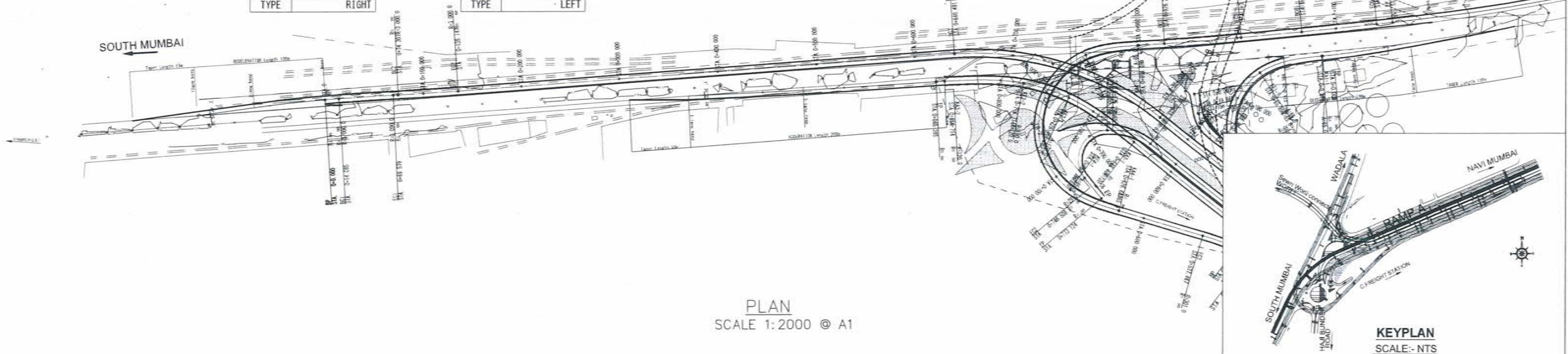
EASTERN FREEWAY SOUTH
(COLABA)

Plan of RAMP A in Sewri Interchange

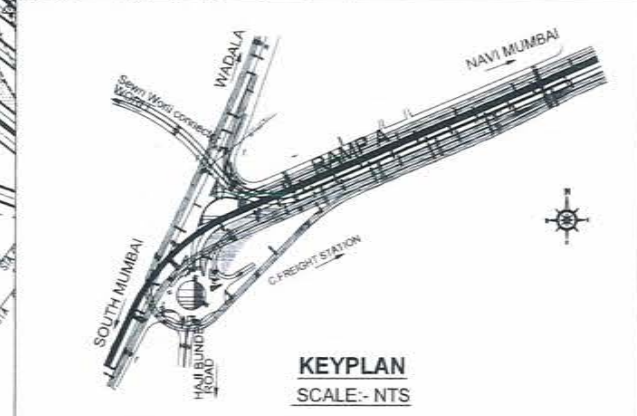
MTHL 1807
(NAVI MUMBAI)

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

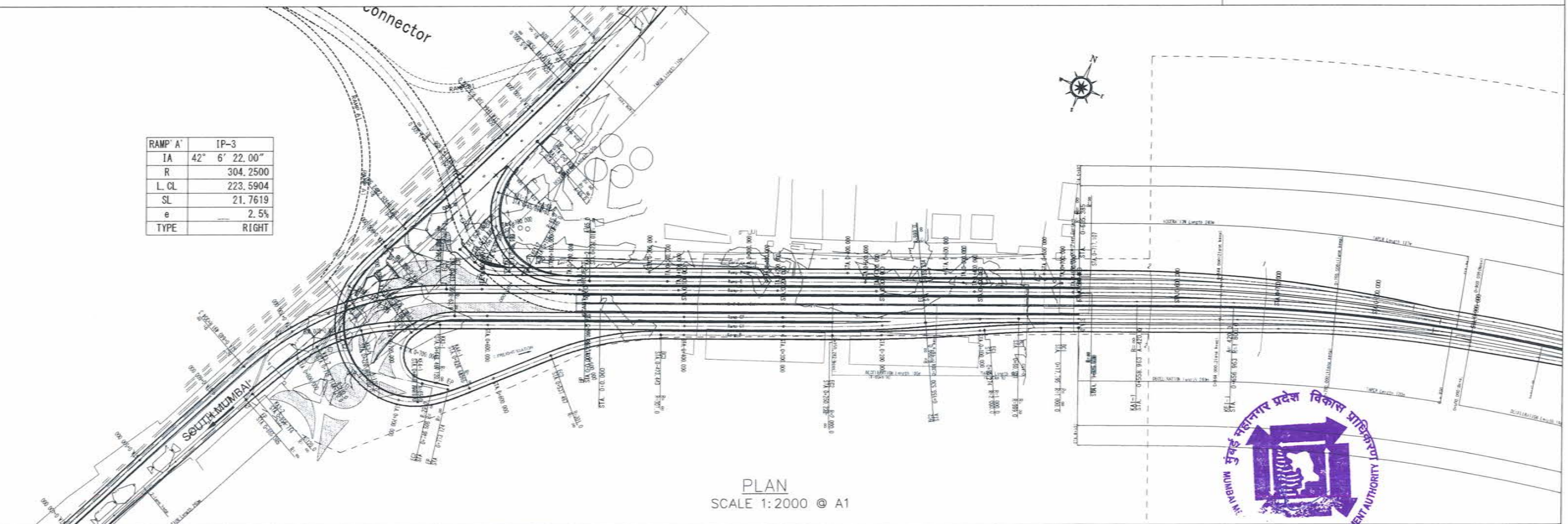


PLAN
SCALE 1:2000 @ A1



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



NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

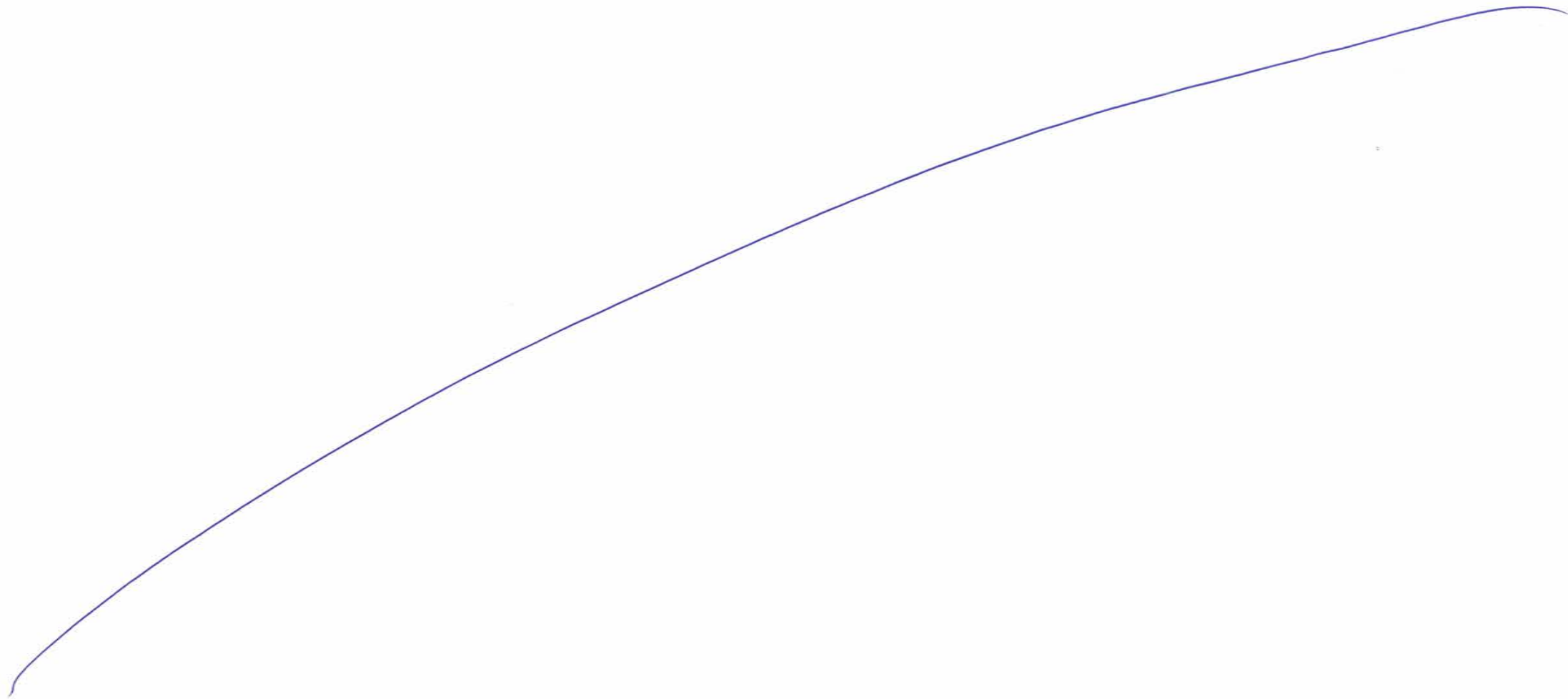
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT :-

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

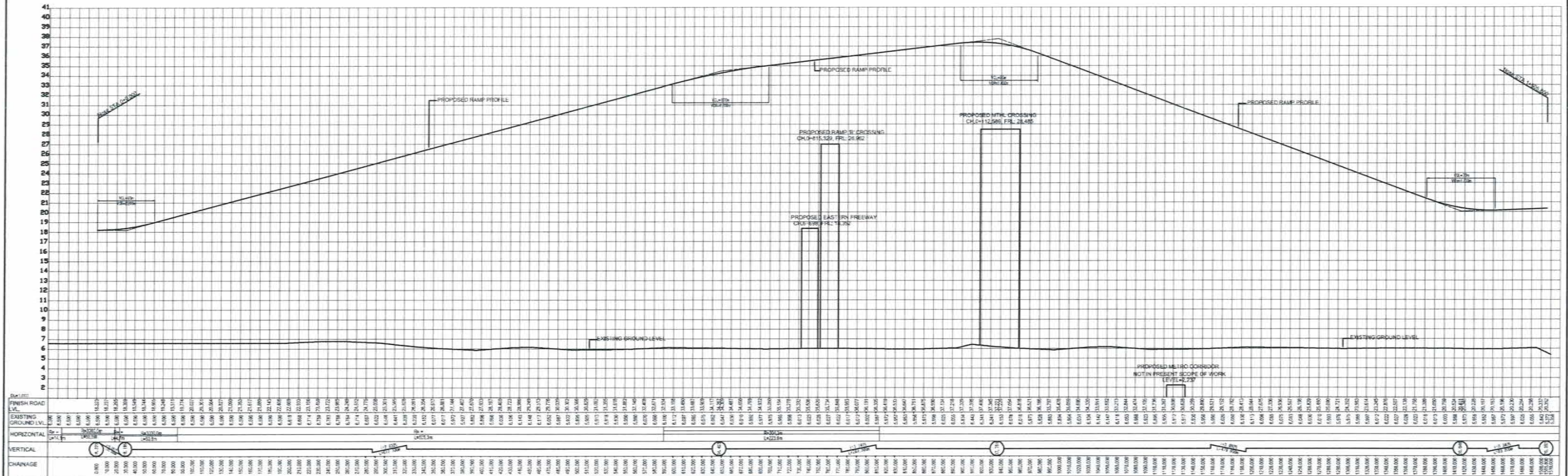


TITLE	DATE	DRAWING NO.	REV.
Plan of RAMP A in Sewri Interchange FROM CH:0+000 TO CH:1+505.800		H-017	



Profile of RAMP A in Sewri Interchange

1809



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 :-

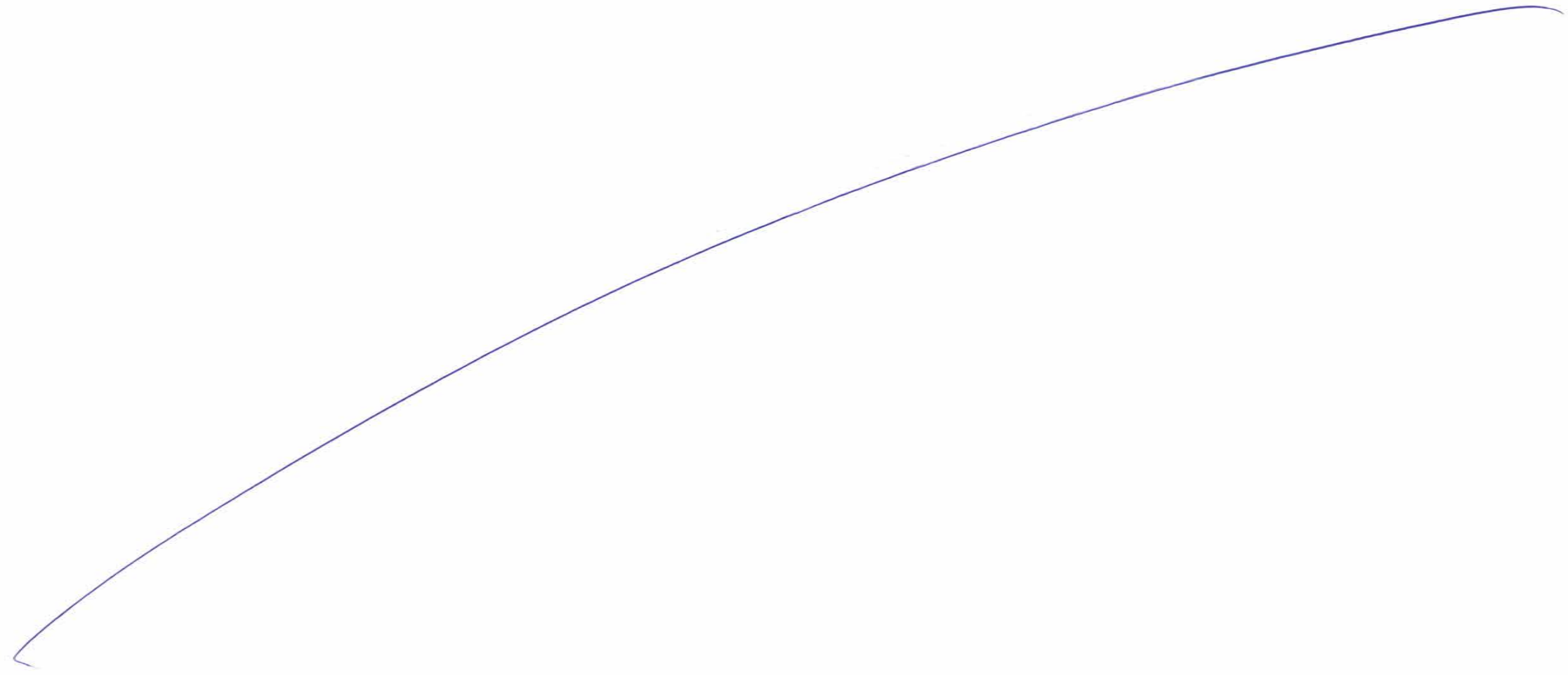
Profile of RAMP A in Sewri Interchange
FROM CH:0+000 TO CH:1+505.800

DATE

DRAWING NO.

H-018

REV.



MTHL
(NAVI MUMBAI)

Plan of RAMP B in Sewri Interchange

EASTERN FREEWAY
(WADALA)

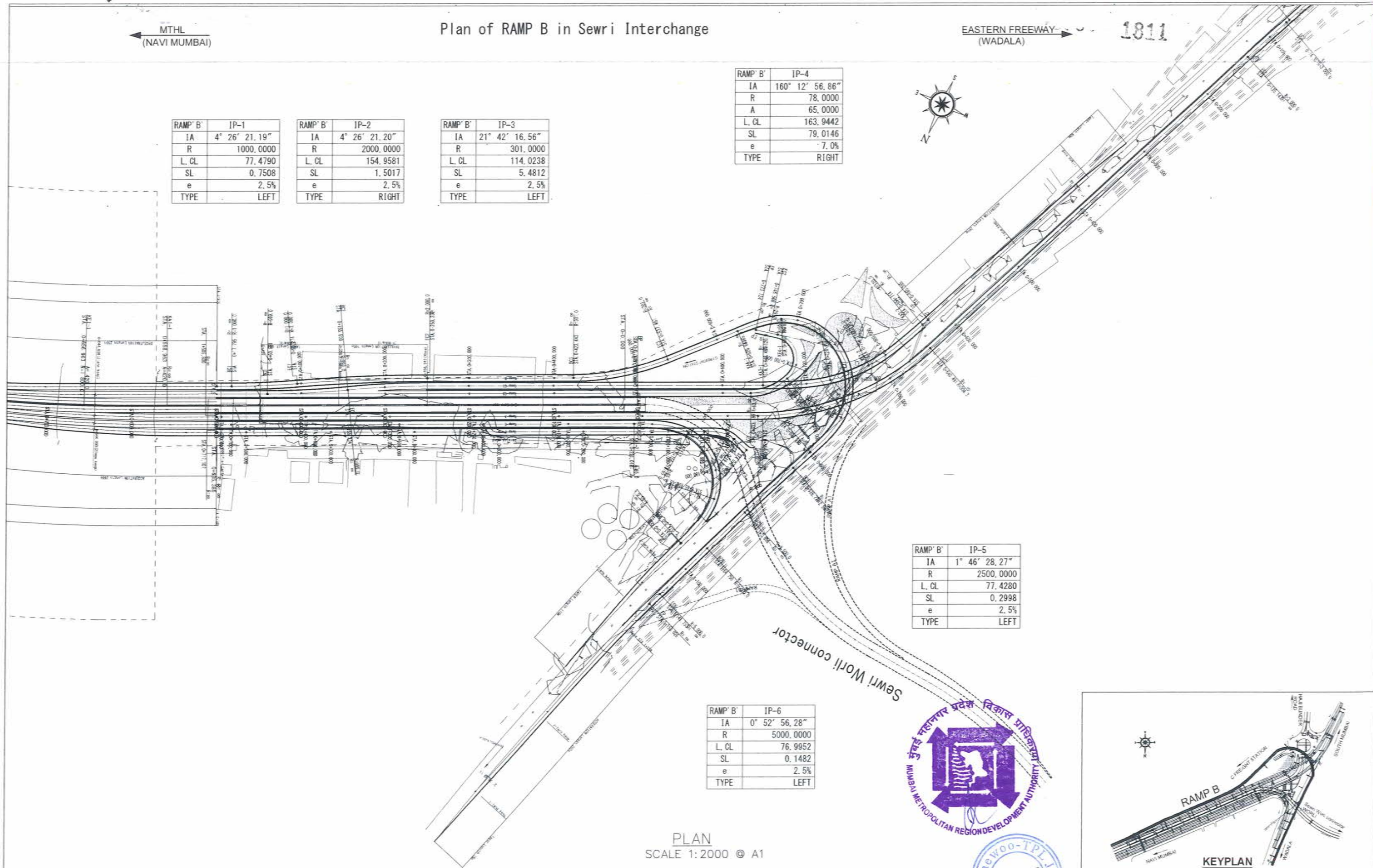
1811

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

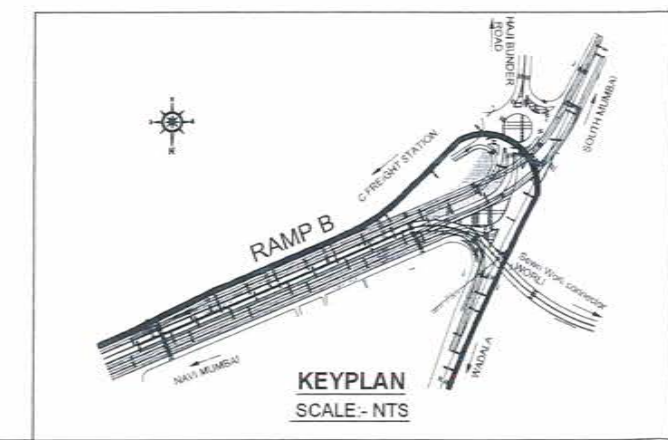
RAMP B'	IP-4
IA	160° 12' 56.86"
R	78.0000
A	65.0000
L. CL	163.9442
SL	79.0146
e	7.0%
TYPE	RIGHT



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

PLAN
SCALE 1:2000 © A1

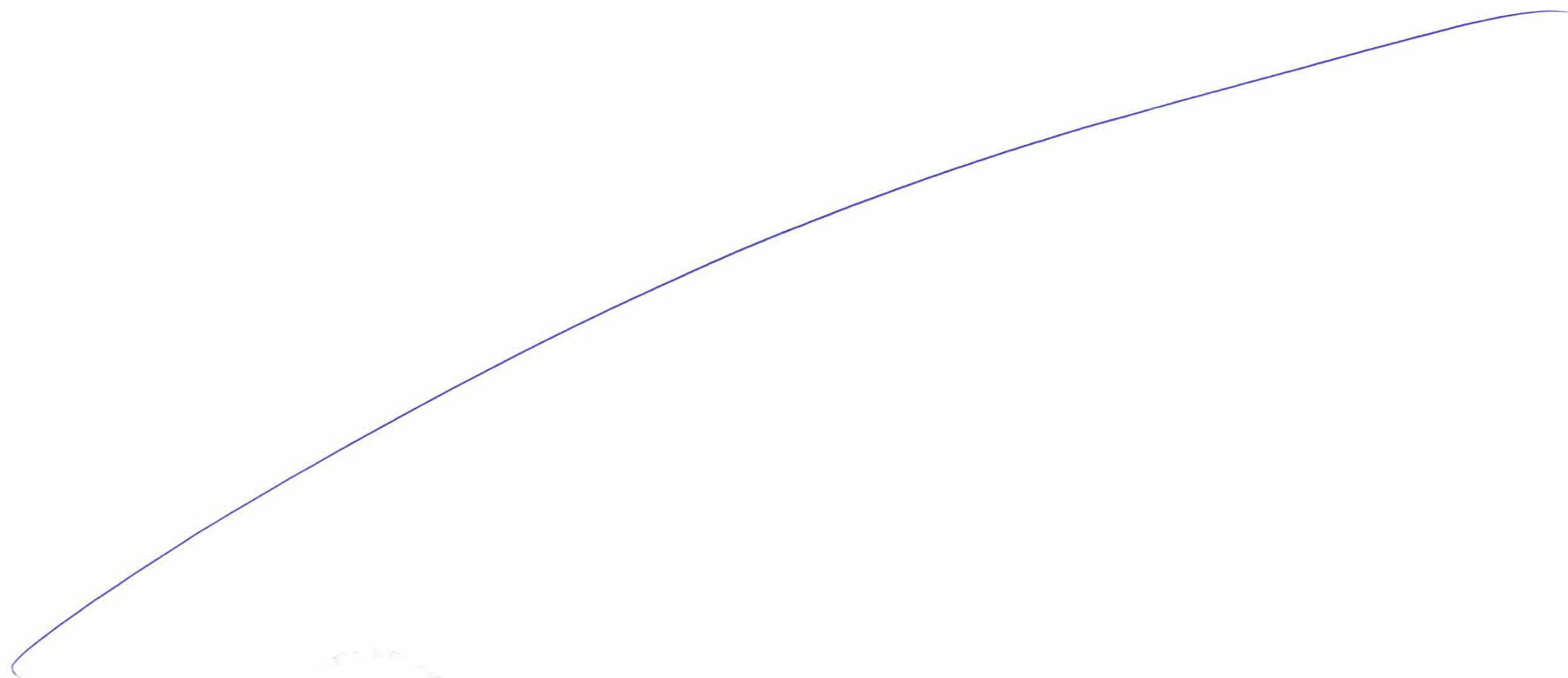


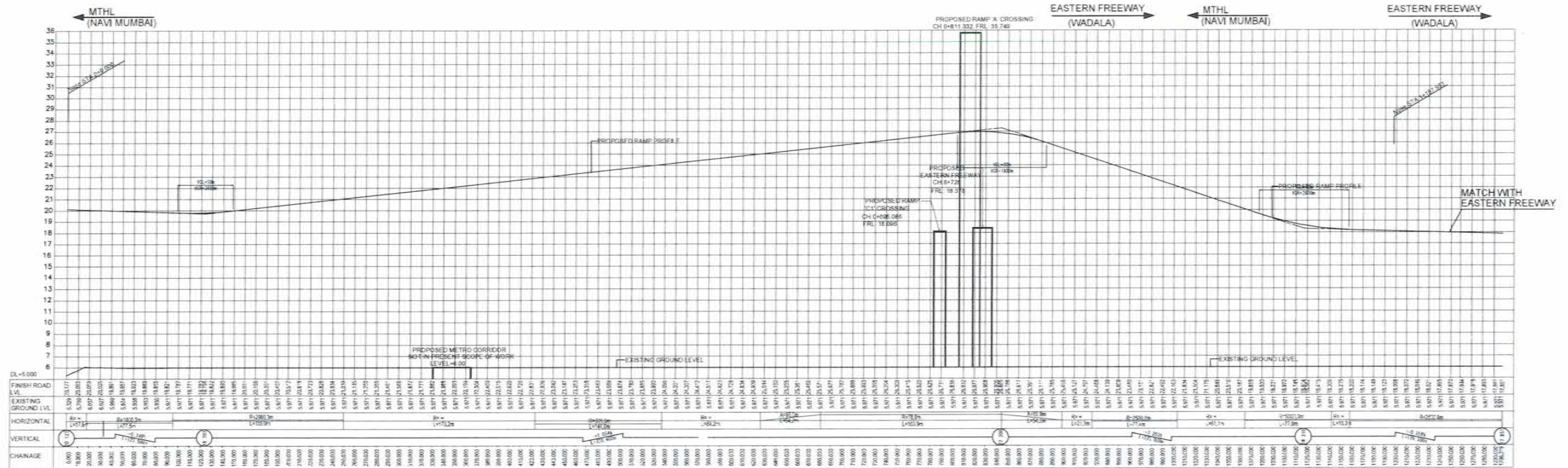
NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

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

TITLE :-		
Plan of RAMP B in Sewri Interchange FROM CH:0+000 TO CH:1+198.0		
DATE	DRAWING NO.	REV.
	H-019	





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 -

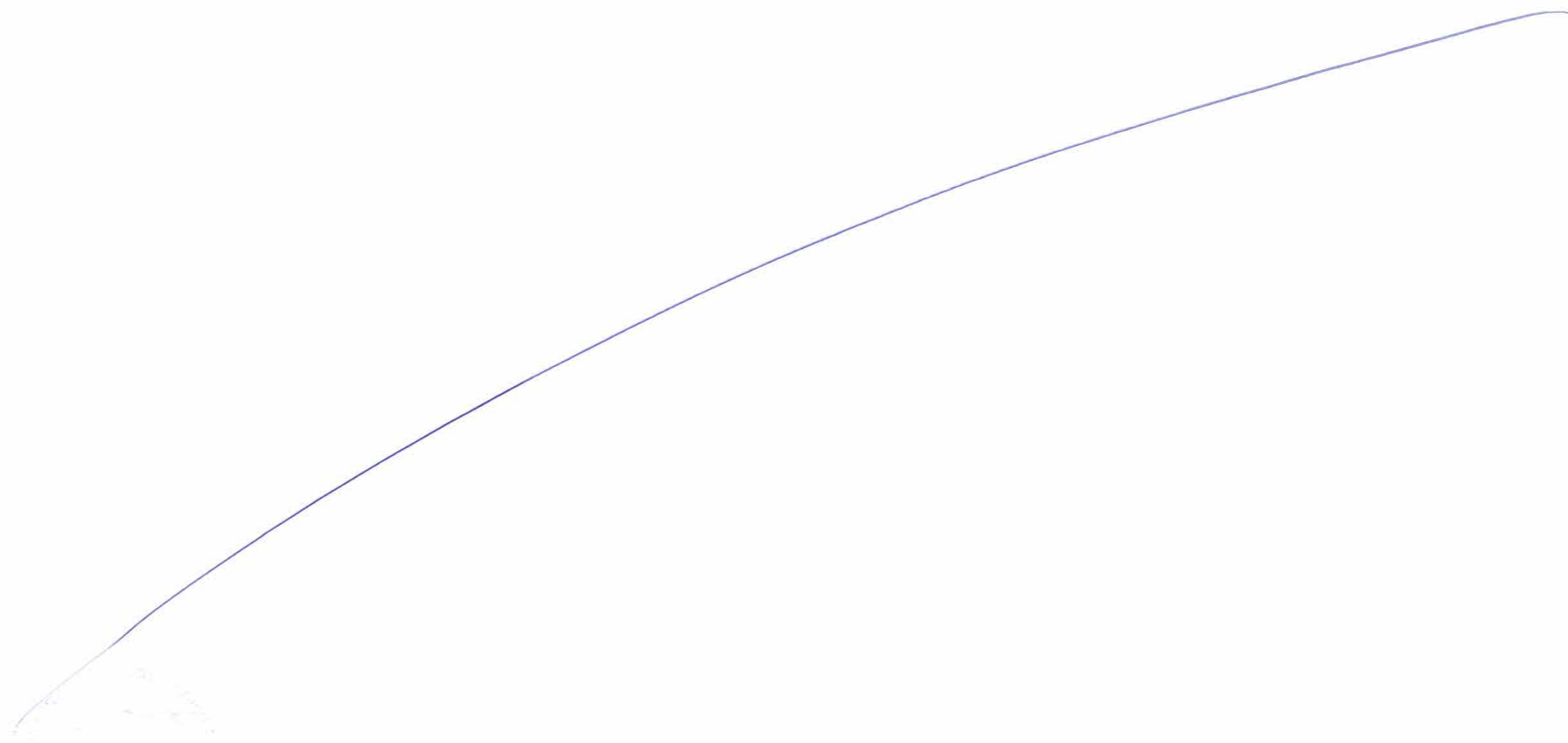
Profile of RAMP B in Sewri Interchange
FROM CH:0+000 TO CH:1+198.0

DATE

DRAWING NO.

H-020

REV.



[Faint, illegible handwritten text]

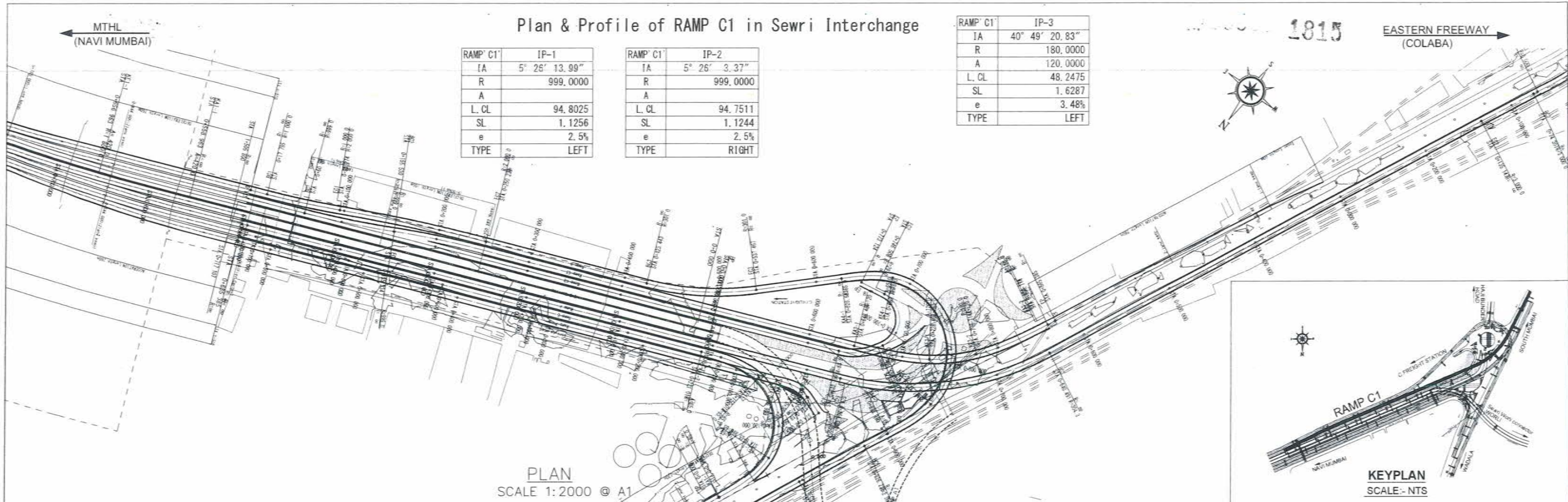


Plan & Profile of RAMP C1 in Sewri Interchange

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

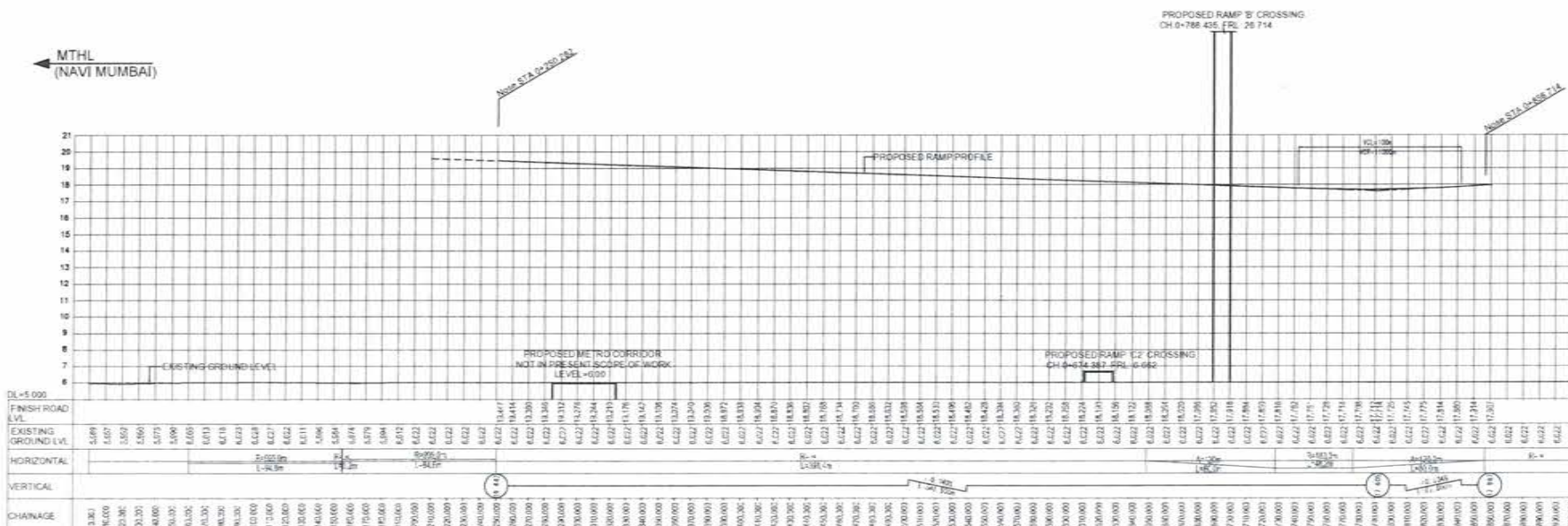
RAMP C1	IP-2
IA	5° 26' 3.37"
R	999.0000
A	
L. CL	94.7511
SL	1.1244
e	2.5%
TYPE	RIGHT

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	



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT :-

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE :-

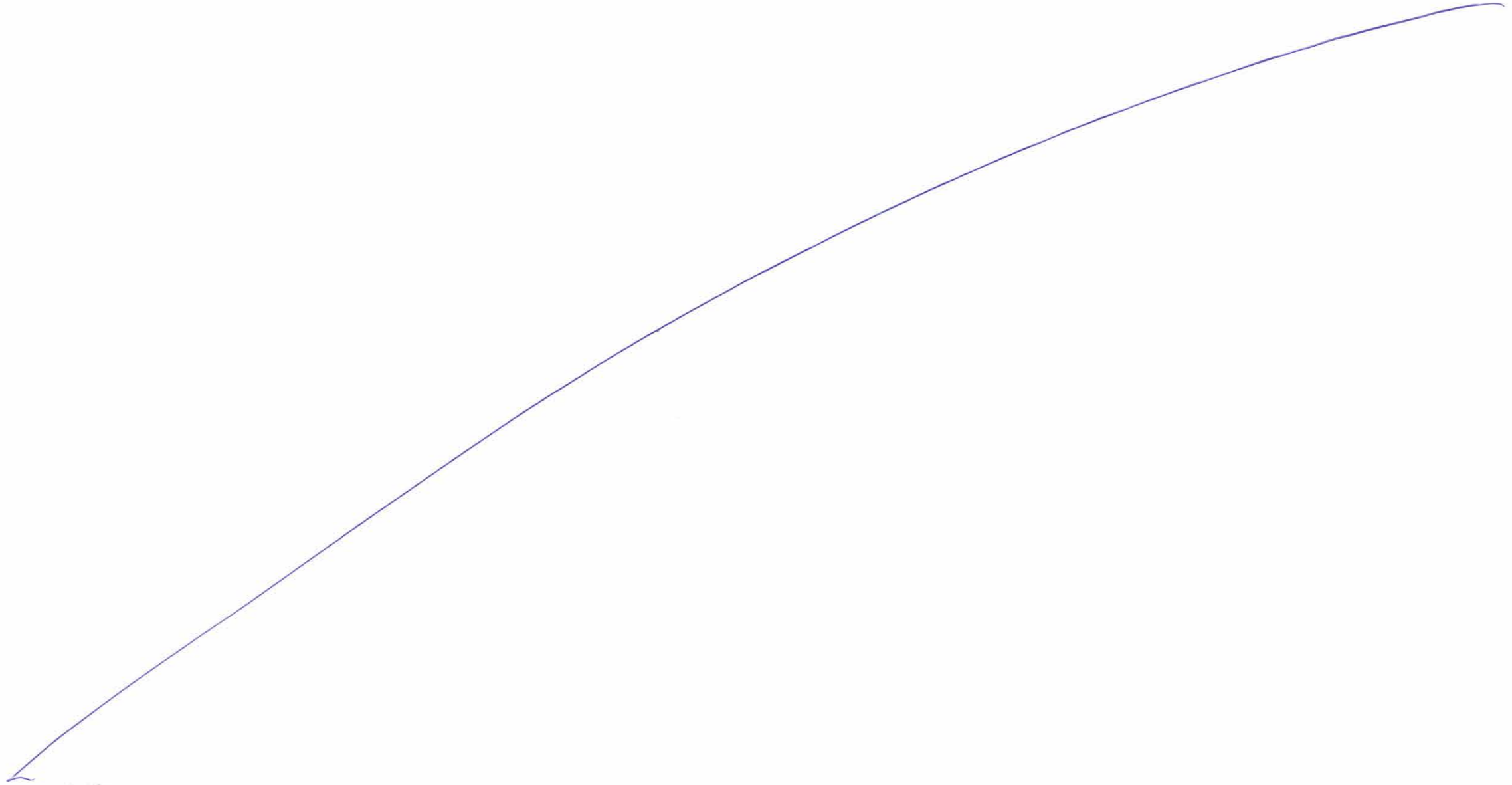
Plan & Profile of RAMP C1 in Sewri Interchange
FROM CH:0+250.3 TO CH:0+856.7

DATE

DRAWING NO.

H-021

REV.



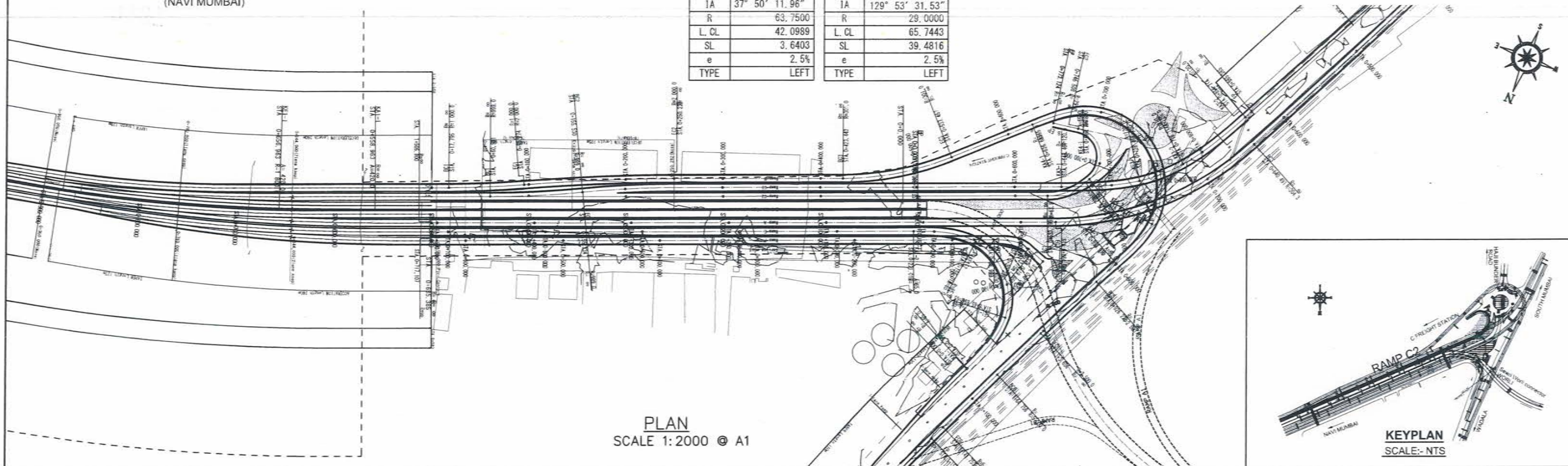
Plan & Profile of RAMP C2 in Sewri Interchange

MTHL
(NAVI MUMBAI)

MESSANT ROAD

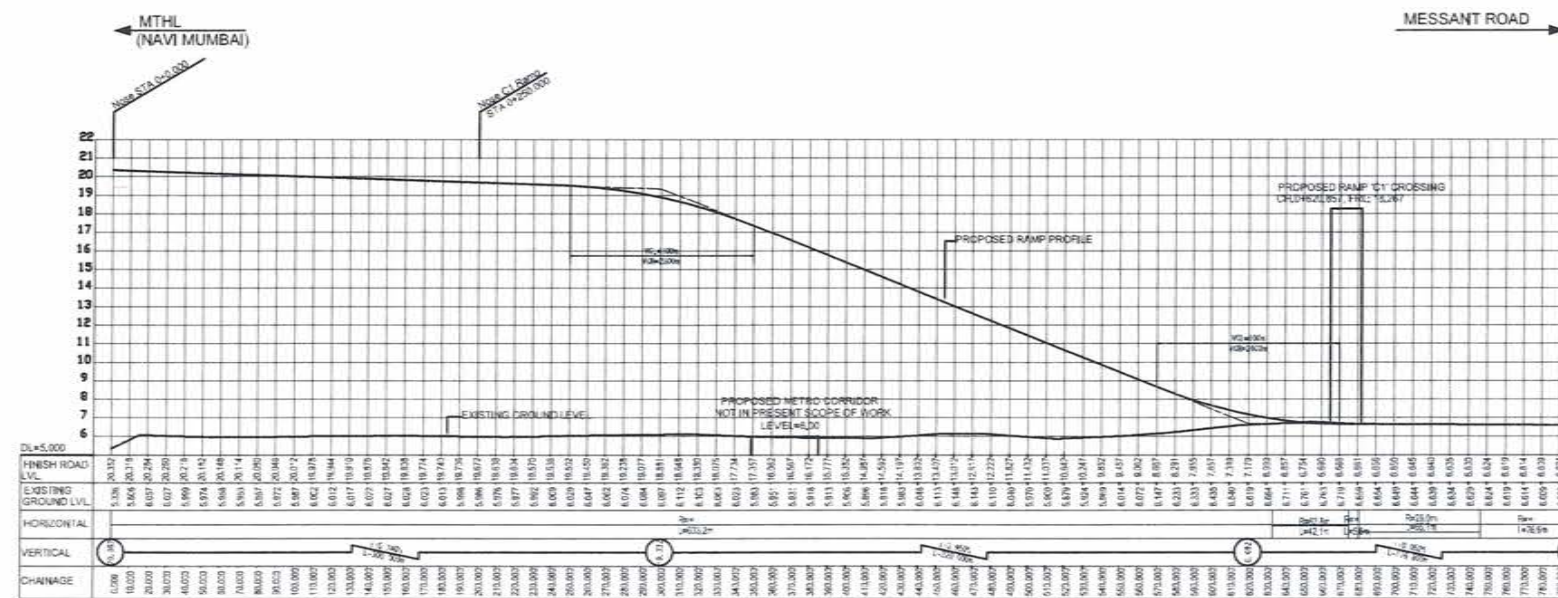
1817

Ramp C2 IP-1		Ramp C2 IP-2	
IA	37° 50' 11.96"	IA	129° 53' 31.53"
R	63.7500	R	29.0000
L. CL	42.0989	L. CL	65.7443
SL	3.6403	SL	39.4816
e	2.5%	e	2.5%
TYPE	LEFT	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	



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT :-

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE :-

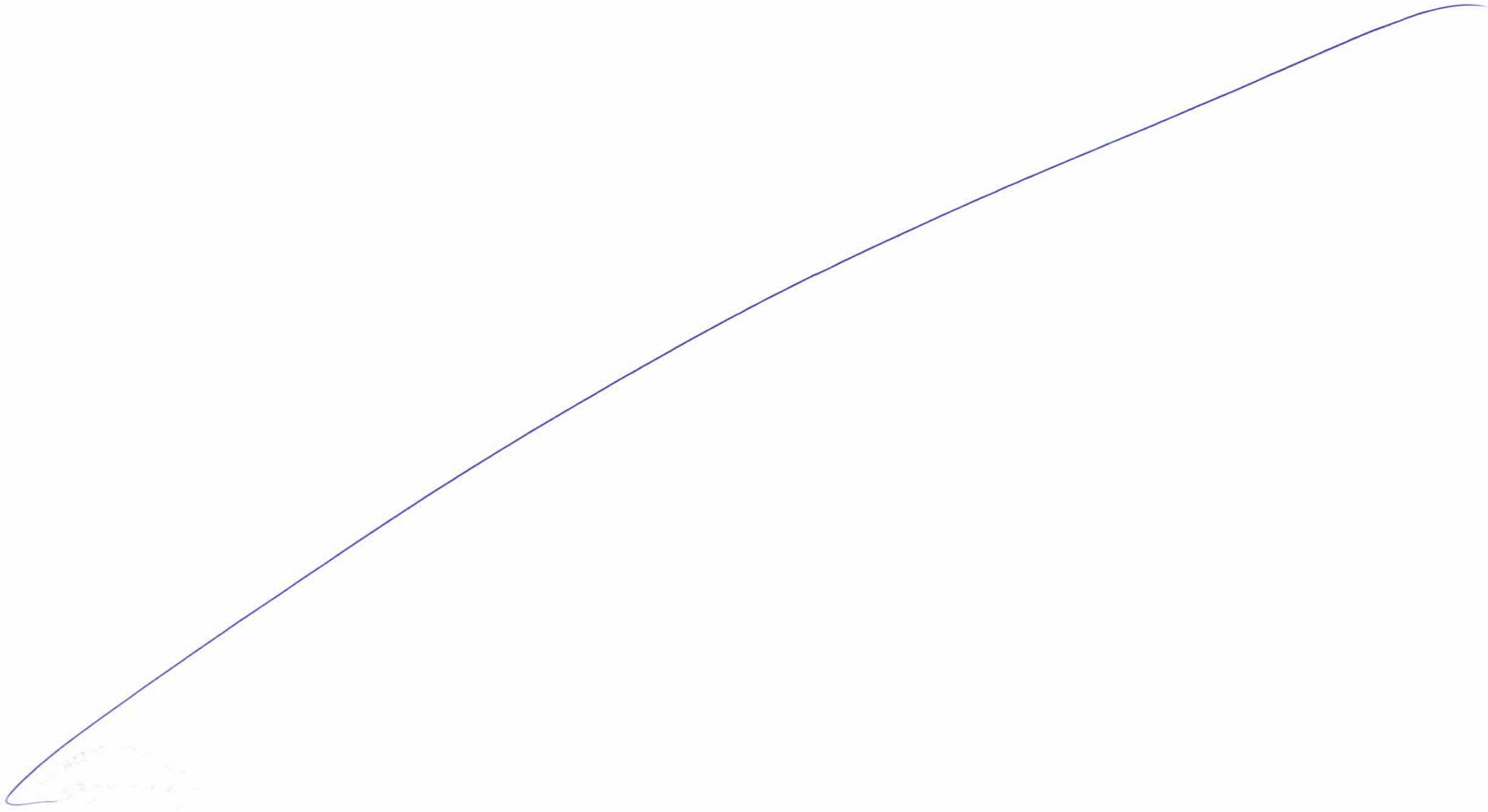
Plan & Profile of RAMP C2 in Sewri Interchange
FROM CH:0+000 TO CH:0+773.1

DATE

DRAWING NO.

H-022

REV.



EASTERN FREEWAY
(COLABA)

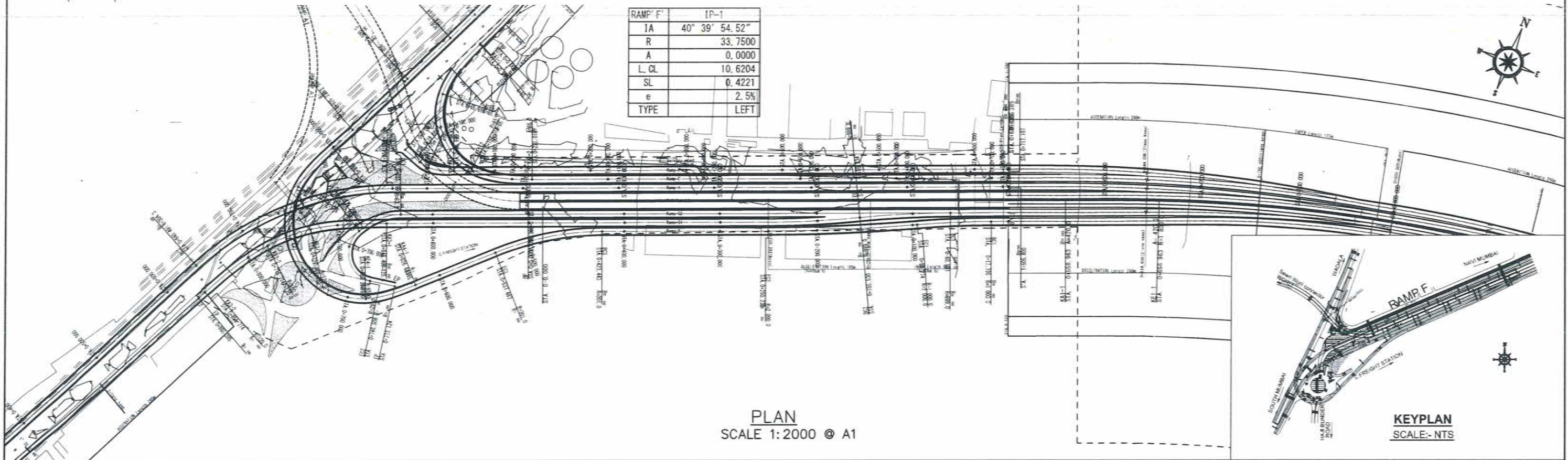
Plan & Profile of RAMP F in Sewri Interchange

1819

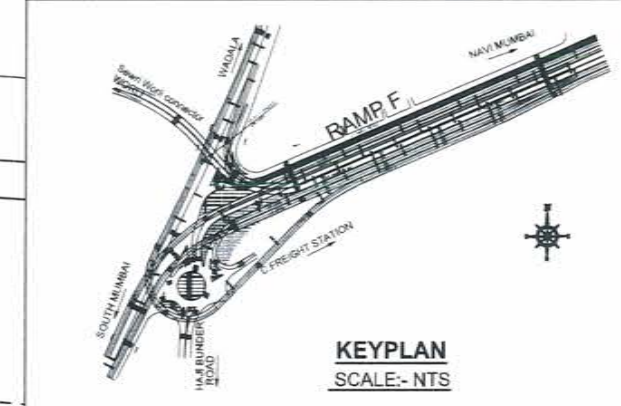
MTHL
(NAVI MUMBAI)



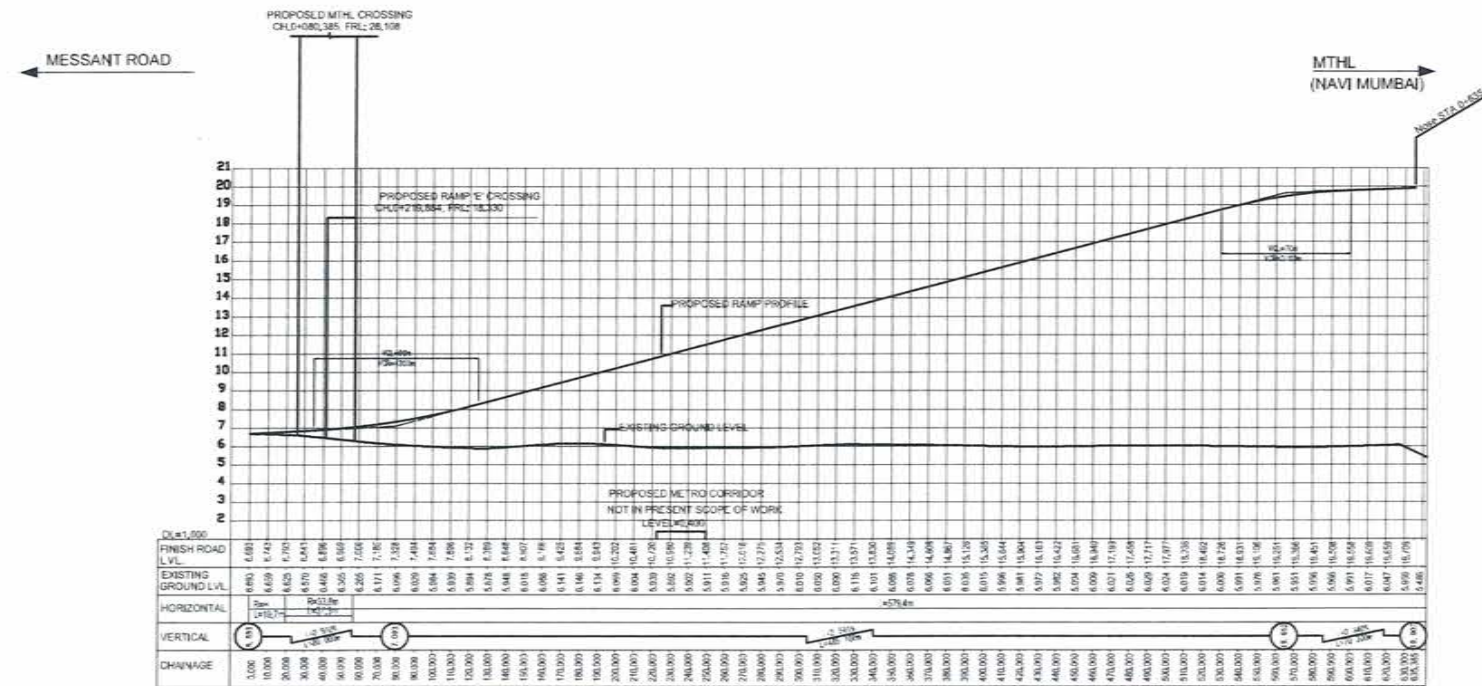
RAMP F	IP-1
IA	40° 39' 54.52"
R	33.7500
A	0.0000
L. CL	10.6204
SL	0.4221
e	2.5%
TYPE	LEFT



PLAN
SCALE 1:2000 @ A1



KEYPLAN
SCALE:- NTS



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

CHAINAGE	FINISH ROAD LVL	EXISTING GROUND LVL	HORIZONTAL (SPD)	VERTICAL
0+00	6.881	6.742	0.00	0.00
0+10	6.879	6.721	0.00	0.00
0+20	6.876	6.701	0.00	0.00
0+30	6.873	6.681	0.00	0.00
0+40	6.870	6.661	0.00	0.00
0+50	6.867	6.641	0.00	0.00
0+60	6.864	6.621	0.00	0.00
0+70	6.861	6.601	0.00	0.00
0+80	6.858	6.581	0.00	0.00
0+90	6.855	6.561	0.00	0.00
1+00	6.852	6.541	0.00	0.00
1+10	6.849	6.521	0.00	0.00
1+20	6.846	6.501	0.00	0.00
1+30	6.843	6.481	0.00	0.00
1+40	6.840	6.461	0.00	0.00
1+50	6.837	6.441	0.00	0.00
1+60	6.834	6.421	0.00	0.00
1+70	6.831	6.401	0.00	0.00
1+80	6.828	6.381	0.00	0.00
1+90	6.825	6.361	0.00	0.00
2+00	6.822	6.341	0.00	0.00
2+10	6.819	6.321	0.00	0.00
2+20	6.816	6.301	0.00	0.00
2+30	6.813	6.281	0.00	0.00
2+40	6.810	6.261	0.00	0.00
2+50	6.807	6.241	0.00	0.00
2+60	6.804	6.221	0.00	0.00
2+70	6.801	6.201	0.00	0.00
2+80	6.798	6.181	0.00	0.00
2+90	6.795	6.161	0.00	0.00
3+00	6.792	6.141	0.00	0.00
3+10	6.789	6.121	0.00	0.00
3+20	6.786	6.101	0.00	0.00
3+30	6.783	6.081	0.00	0.00
3+40	6.780	6.061	0.00	0.00
3+50	6.777	6.041	0.00	0.00
3+60	6.774	6.021	0.00	0.00
3+70	6.771	6.001	0.00	0.00
3+80	6.768	5.981	0.00	0.00
3+90	6.765	5.961	0.00	0.00
4+00	6.762	5.941	0.00	0.00
4+10	6.759	5.921	0.00	0.00
4+20	6.756	5.901	0.00	0.00
4+30	6.753	5.881	0.00	0.00
4+40	6.750	5.861	0.00	0.00
4+50	6.747	5.841	0.00	0.00
4+60	6.744	5.821	0.00	0.00
4+70	6.741	5.801	0.00	0.00
4+80	6.738	5.781	0.00	0.00
4+90	6.735	5.761	0.00	0.00
5+00	6.732	5.741	0.00	0.00
5+10	6.729	5.721	0.00	0.00
5+20	6.726	5.701	0.00	0.00
5+30	6.723	5.681	0.00	0.00
5+40	6.720	5.661	0.00	0.00
5+50	6.717	5.641	0.00	0.00
5+60	6.714	5.621	0.00	0.00
5+70	6.711	5.601	0.00	0.00
5+80	6.708	5.581	0.00	0.00
5+90	6.705	5.561	0.00	0.00
6+00	6.702	5.541	0.00	0.00
6+10	6.699	5.521	0.00	0.00
6+20	6.696	5.501	0.00	0.00
6+30	6.693	5.481	0.00	0.00

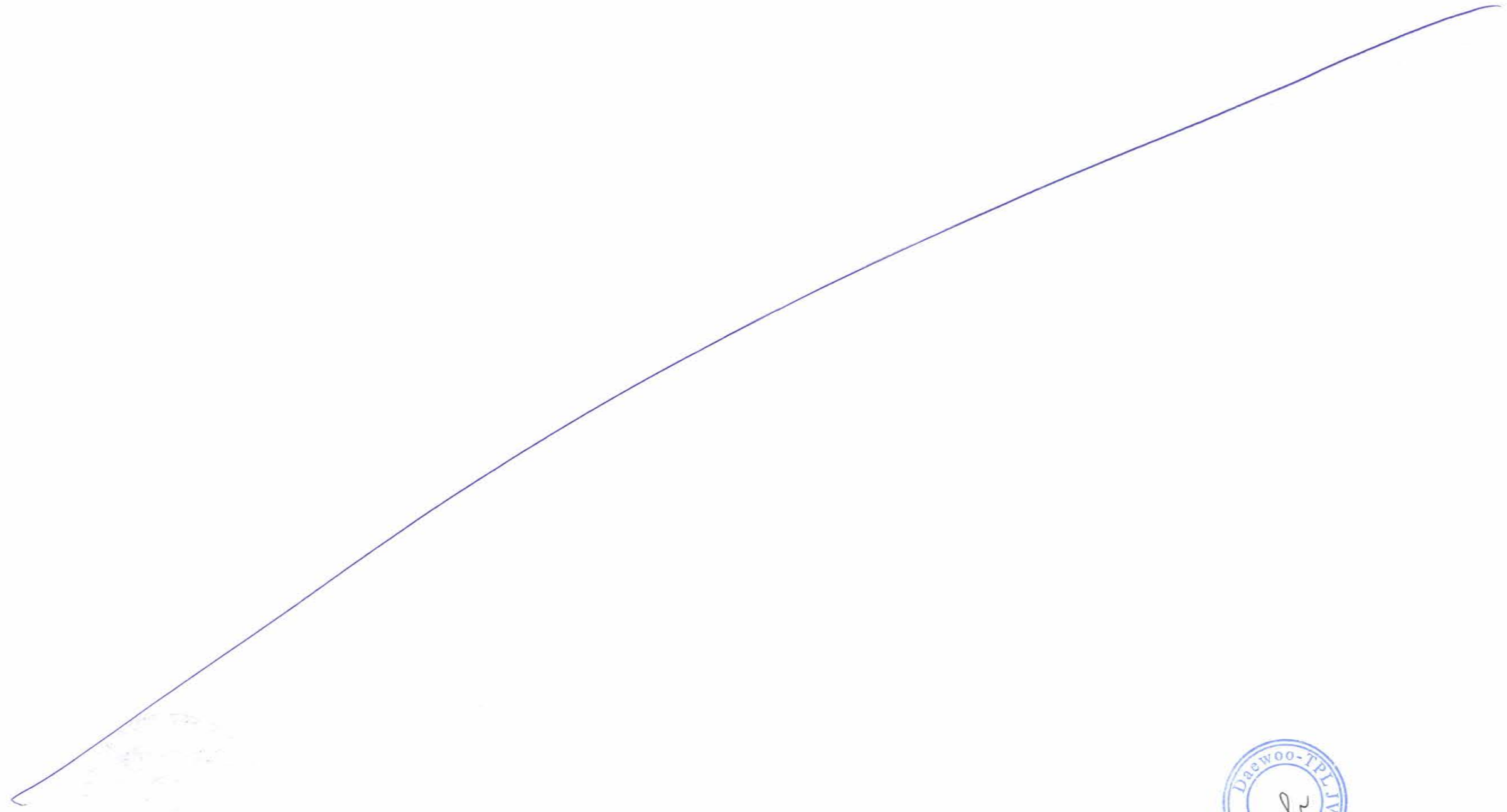


NAME	SGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



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	



[Faint, illegible handwritten text]



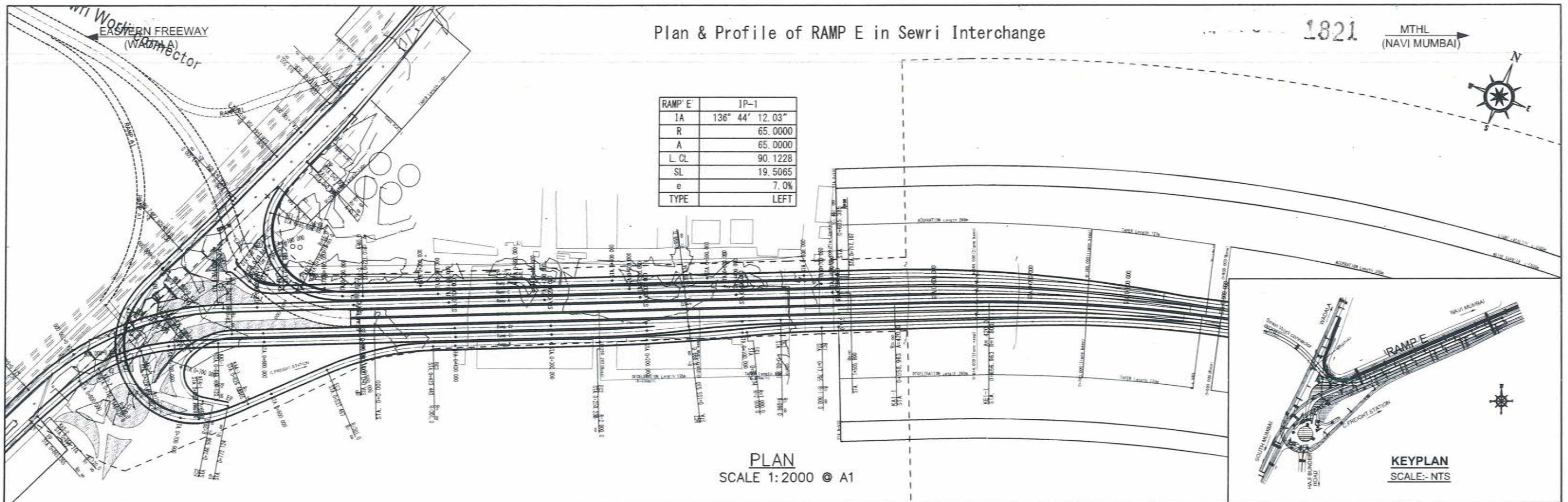
Plan & Profile of RAMP E in Sewri Interchange

1821

MTHL
(NAVI MUMBAI)

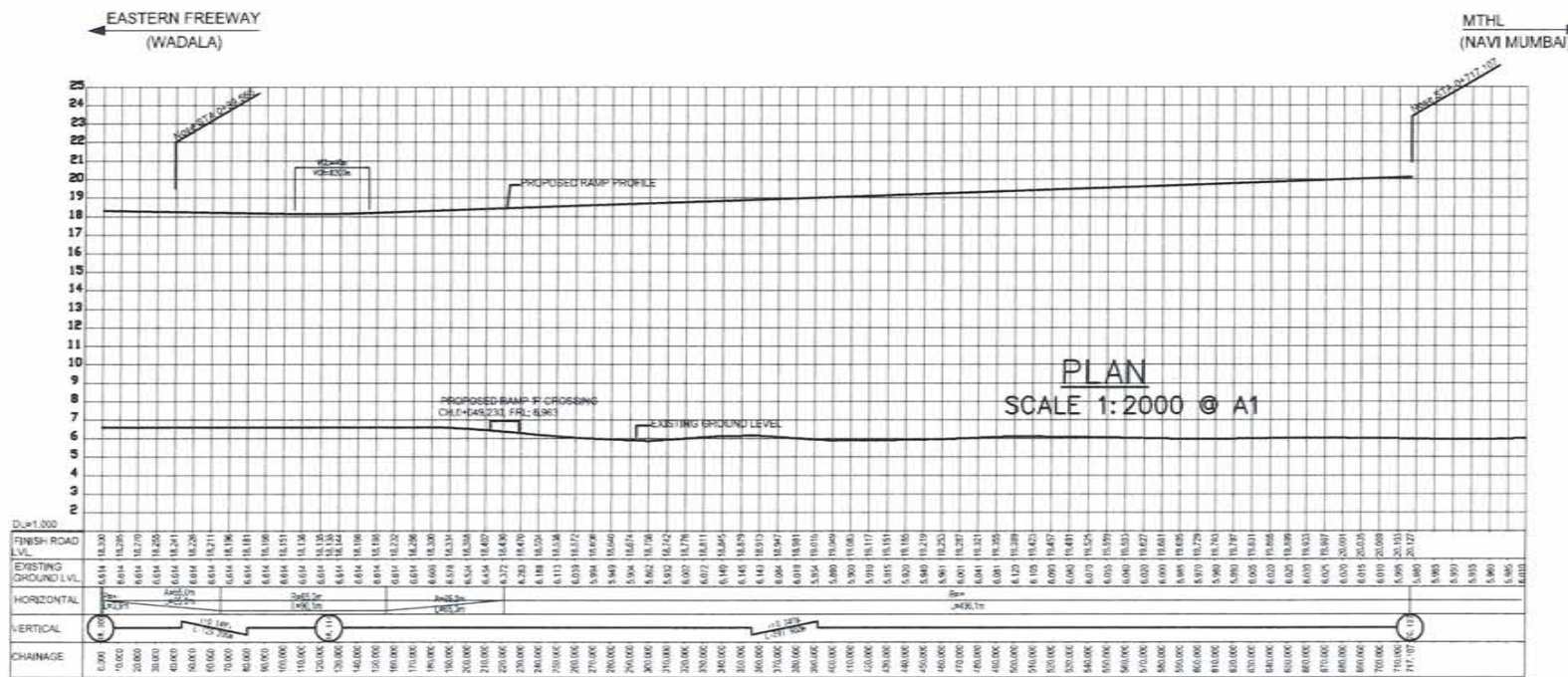


RAMP E	IP-1
IA	136° 44' 12.03"
R	65.0000
A	65.0000
L. CL	90.1228
SL	19.5065
e	7.0%
TYPE	LEFT



PLAN
SCALE 1:2000 @ A1

KEYPLAN
SCALE:- NTS



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

CHAINAGE	VERTICAL	HORIZONTAL	EXISTING GROUND LVL.	FINISH ROAD LVL.
0+000	6.50	1:200	6.50	6.50
0+050	6.50	1:200	6.50	6.50
0+100	6.50	1:200	6.50	6.50
0+150	6.50	1:200	6.50	6.50
0+200	6.50	1:200	6.50	6.50
0+250	6.50	1:200	6.50	6.50
0+300	6.50	1:200	6.50	6.50
0+350	6.50	1:200	6.50	6.50
0+400	6.50	1:200	6.50	6.50
0+450	6.50	1:200	6.50	6.50
0+500	6.50	1:200	6.50	6.50
0+550	6.50	1:200	6.50	6.50
0+600	6.50	1:200	6.50	6.50
0+650	6.50	1:200	6.50	6.50
0+700	6.50	1:200	6.50	6.50
0+717.10	6.50	1:200	6.50	6.50



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.

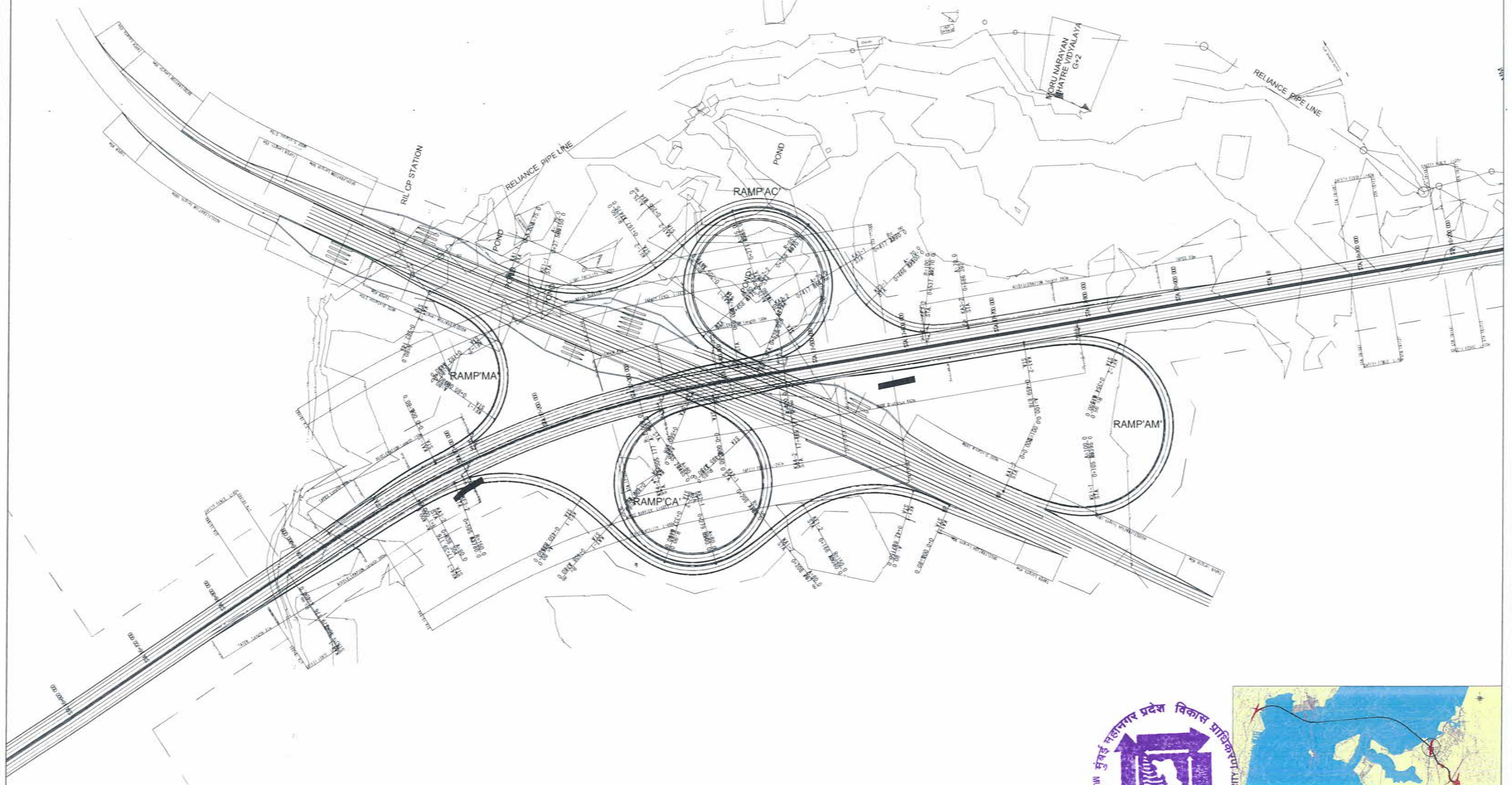


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Shivaji Nagar Interchange

1823



PLAN
SCALE 1:2000 @ A1



KEYPLAN
SCALE: NTS

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**



TITLE -

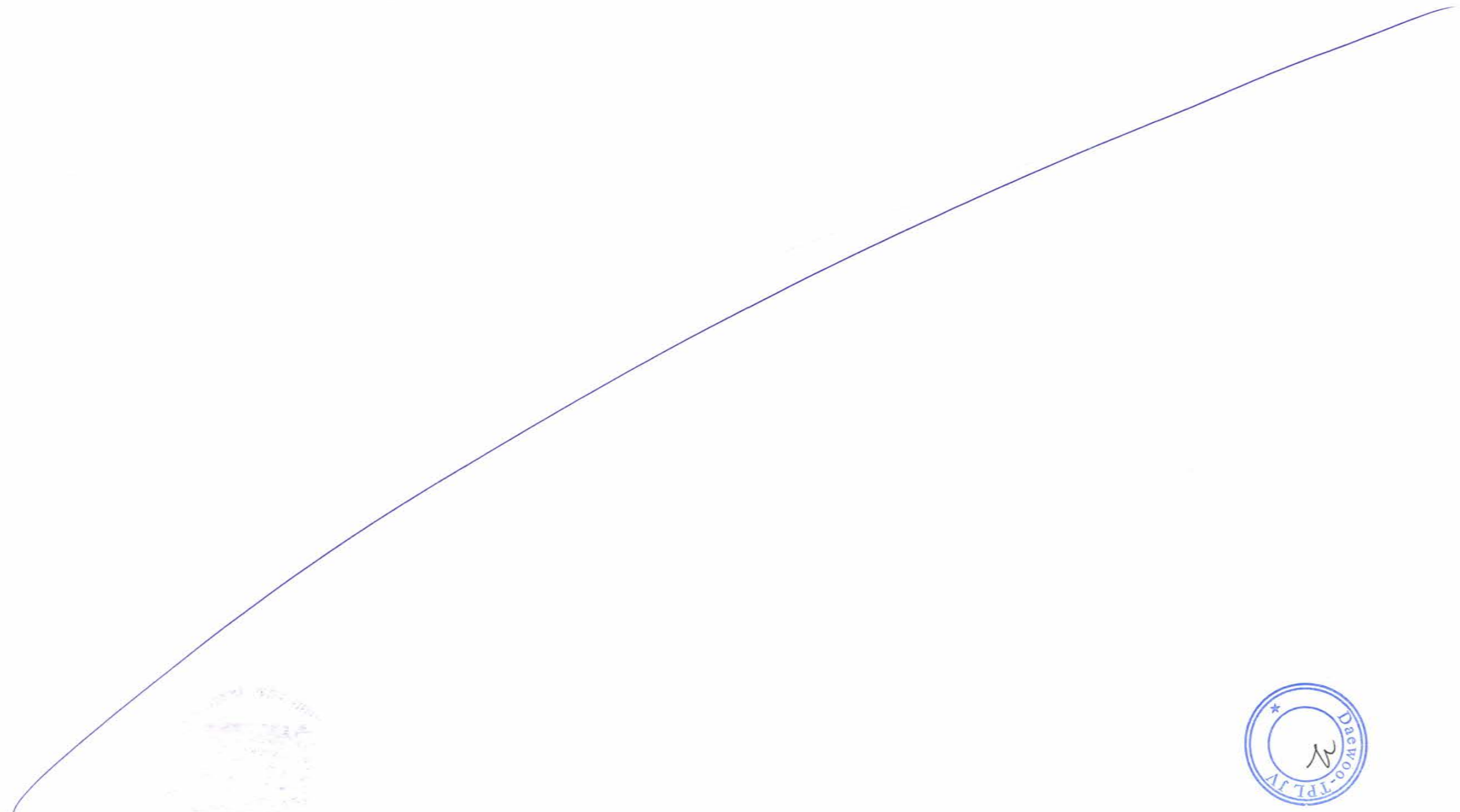
Shivaji Nagar Interchange

DATE

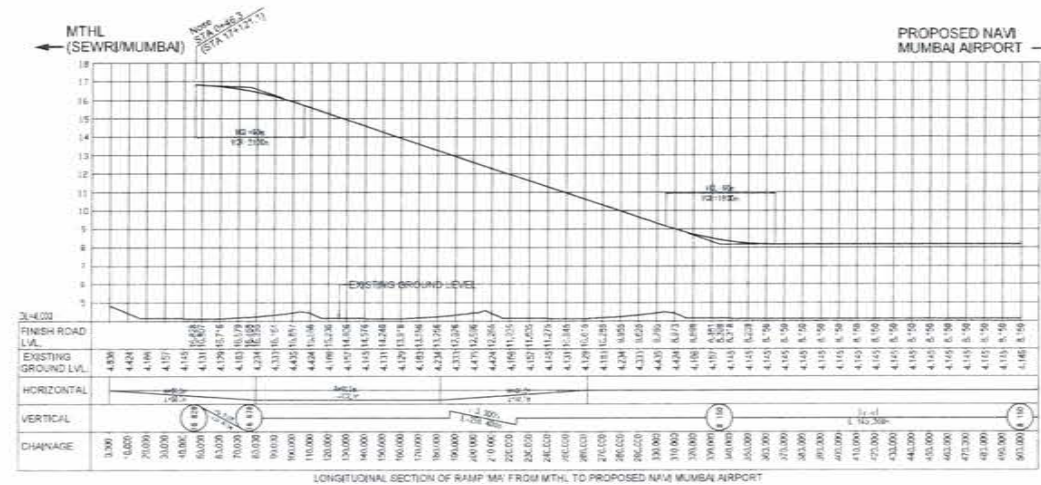
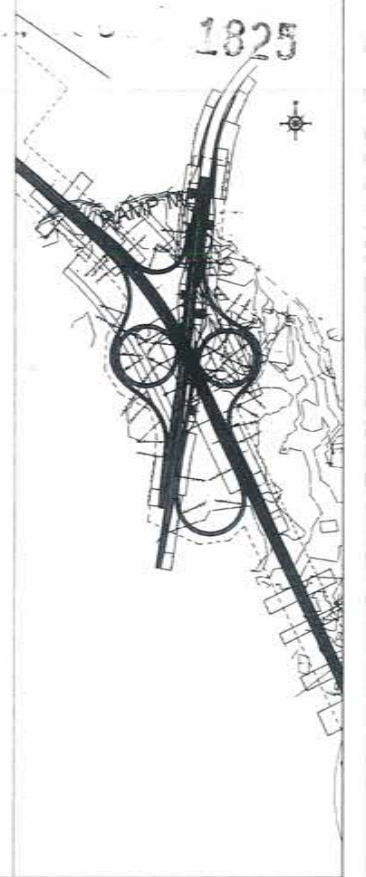
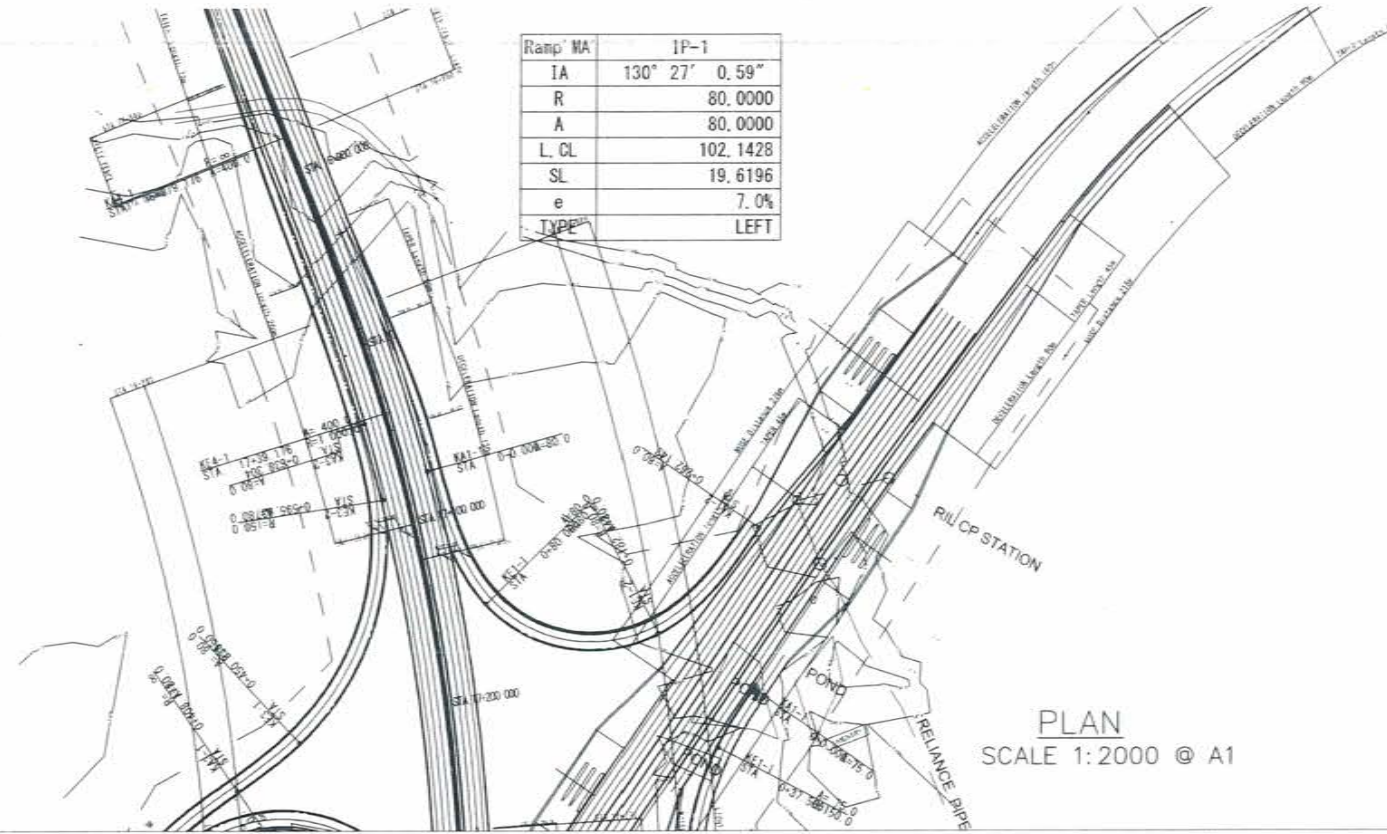
DRAWING NO.

H-025

REV.



Plan & Profile of RAMP MA in Sivaji Nagar Interchange



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

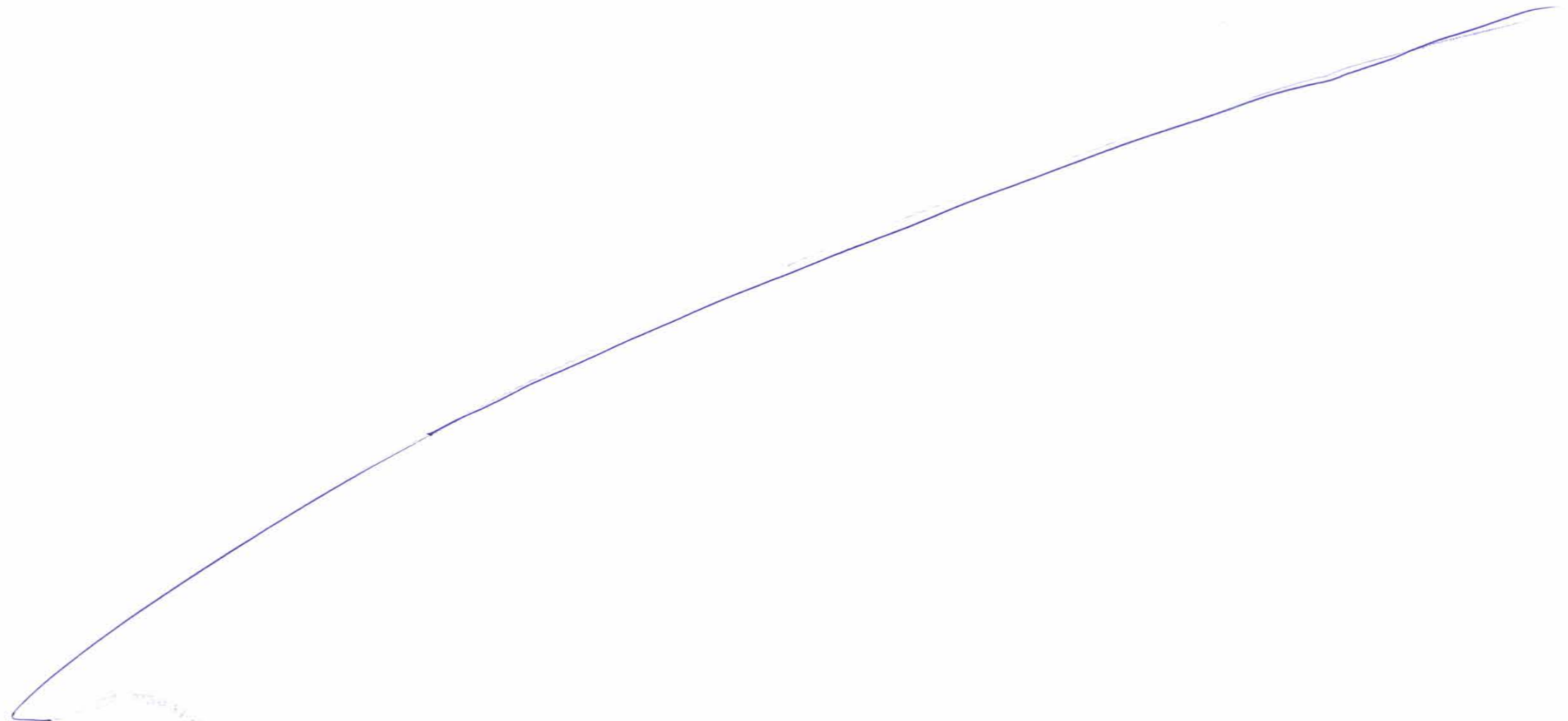


NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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



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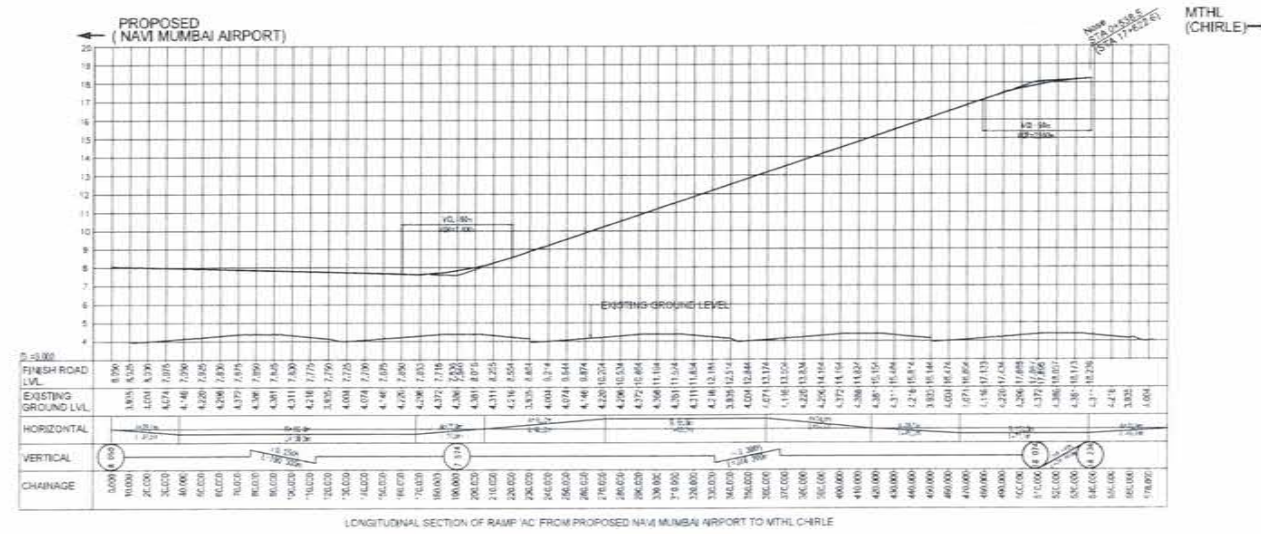
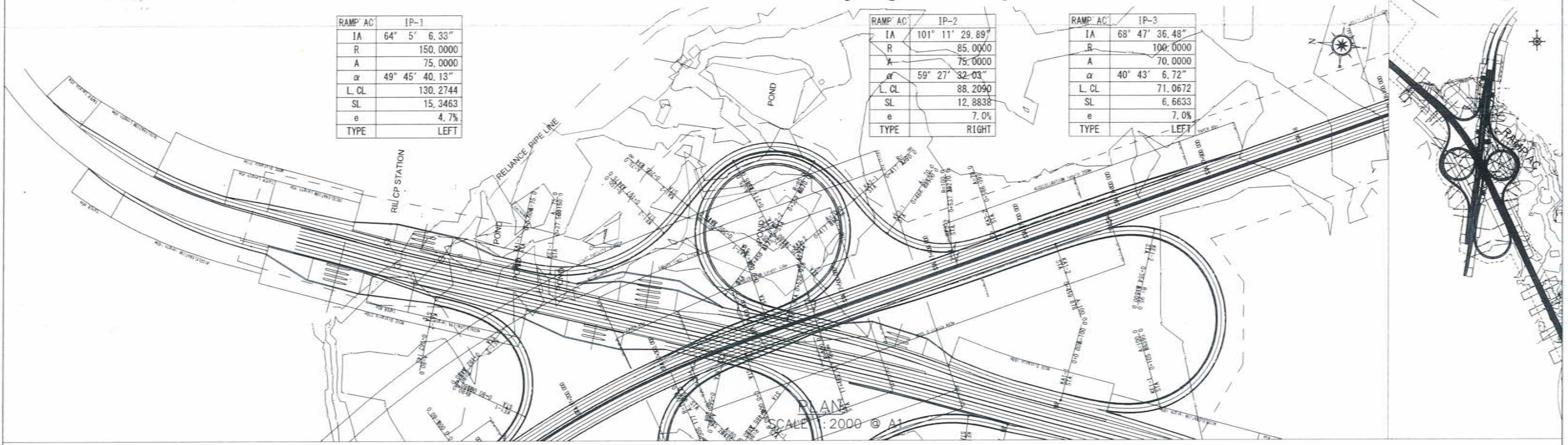
Plan & Profile of RAMP AC in Sivaji Nagar Interchange

1827

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		



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE -

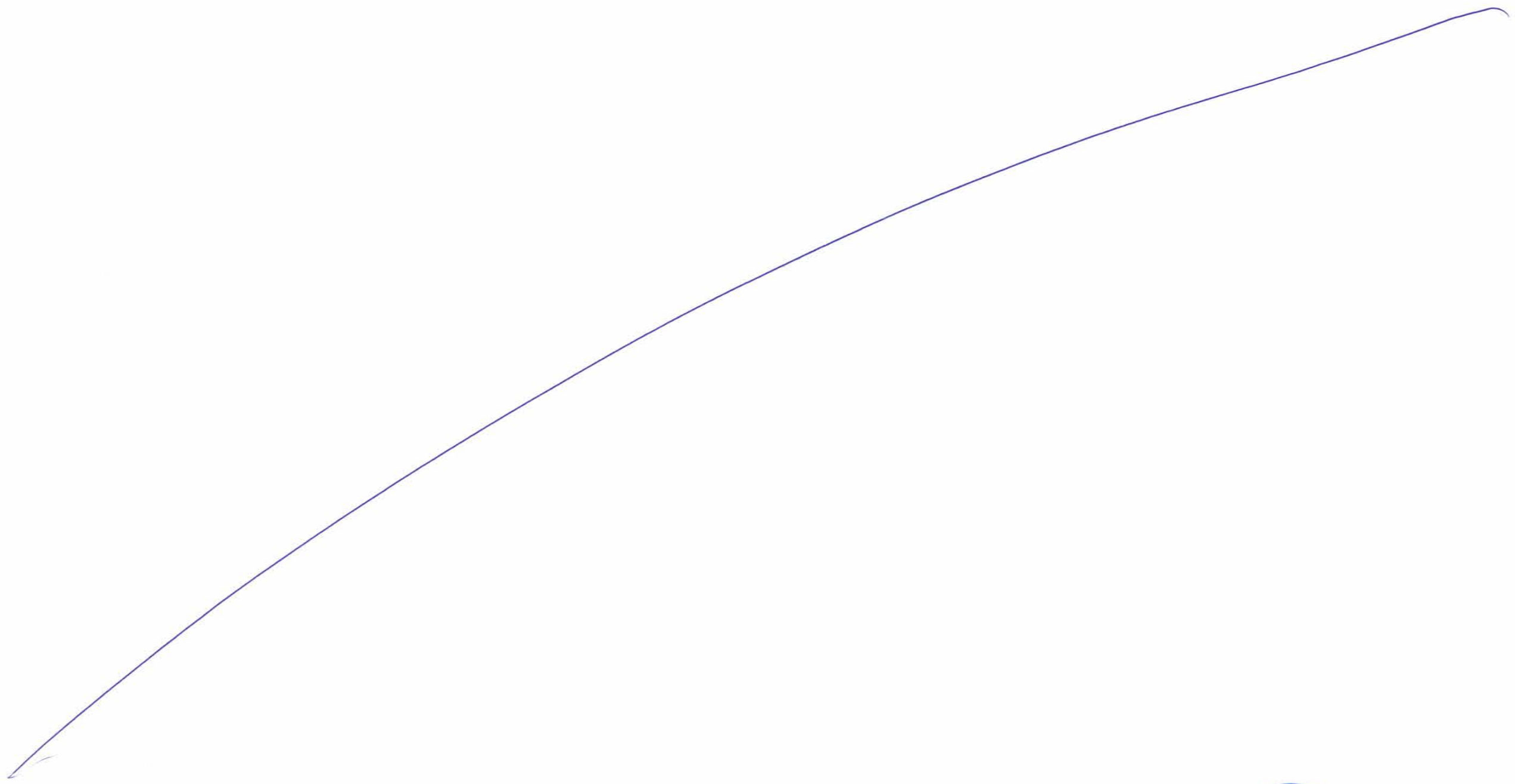
Plan & Profile of RAMP AC in Sivaji Nagar Interchange
FROM CH: 0+000 TO CH: 0+586.4

DATE

DRAWING NO.

H-027

REV.



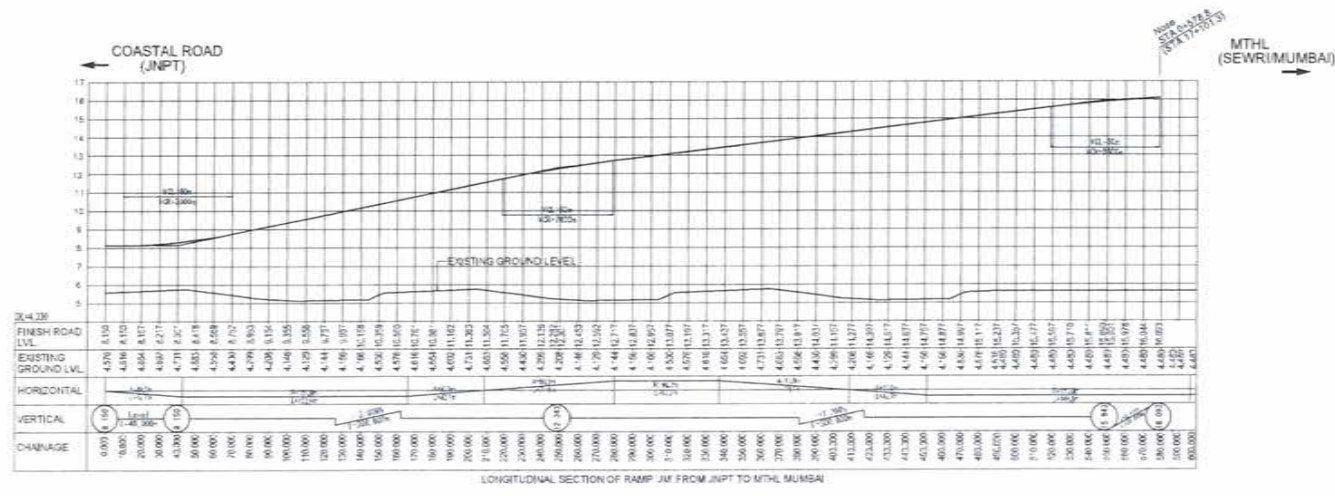
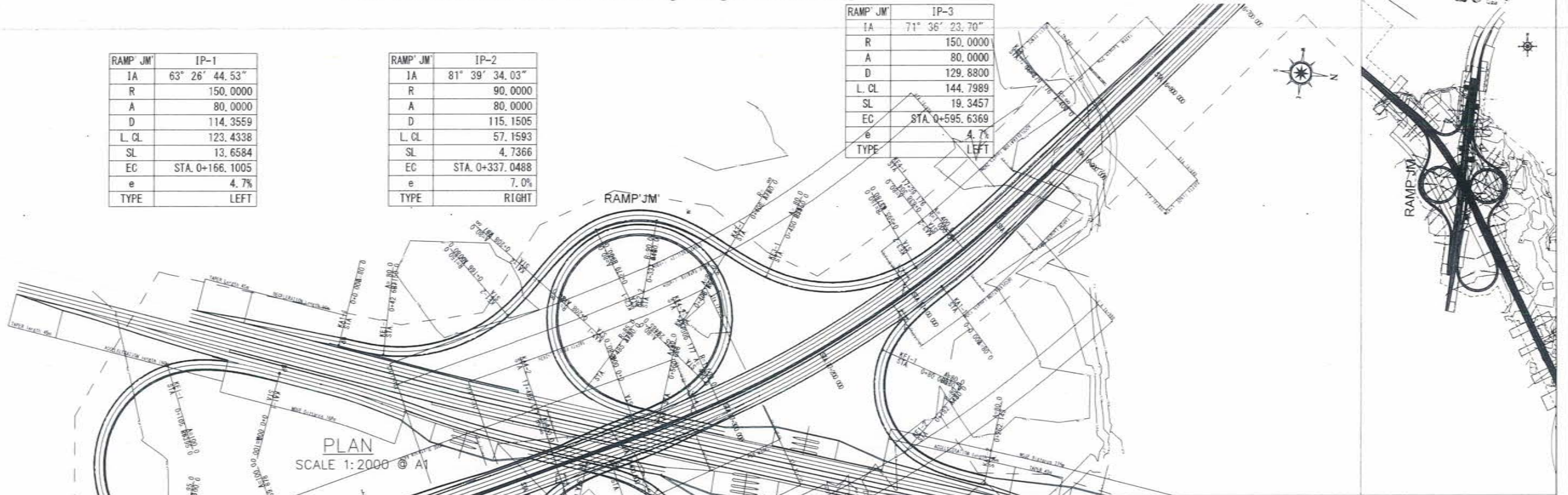
Plan & Profile of RAMP JM in Sivaji Nagar Interchange

1829

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

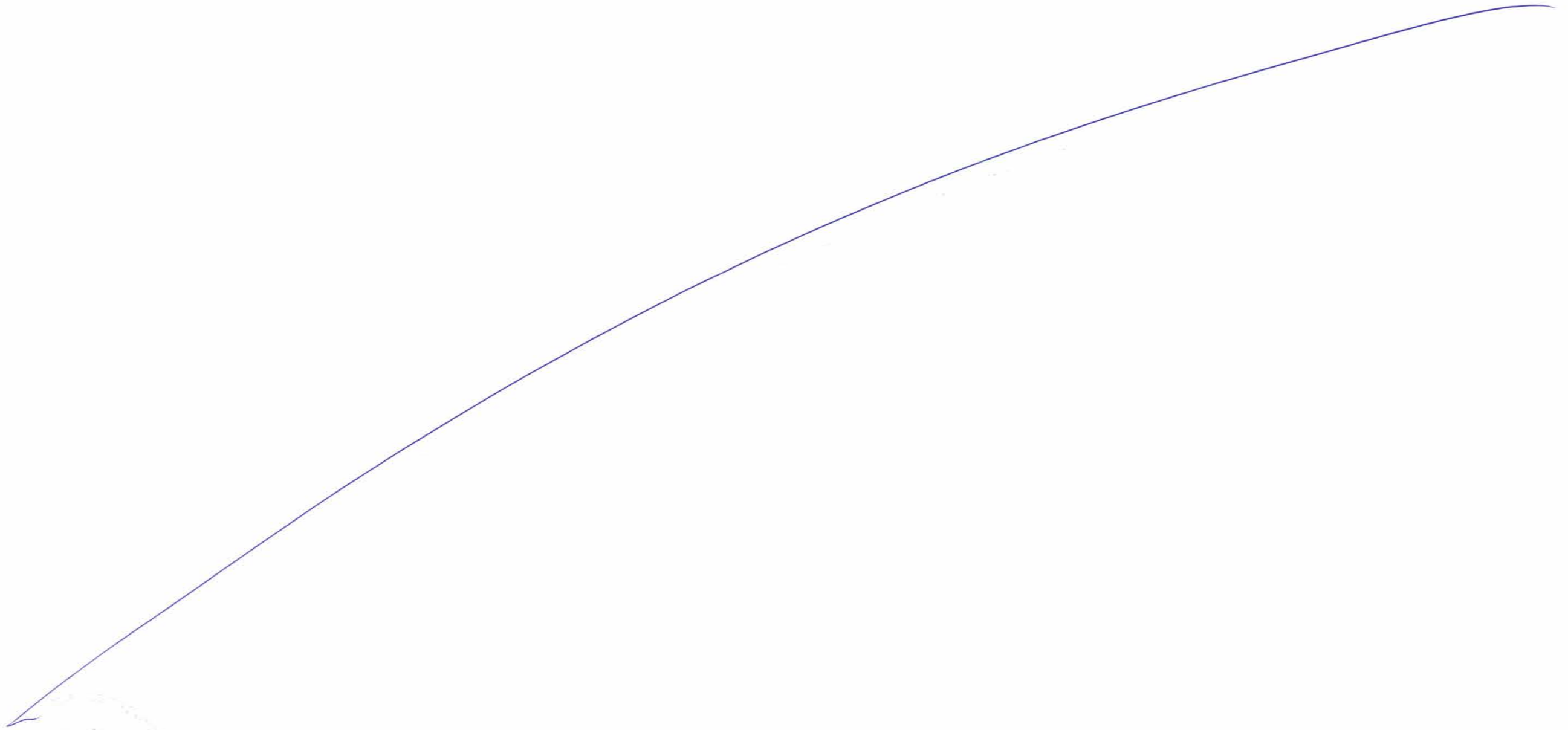


NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

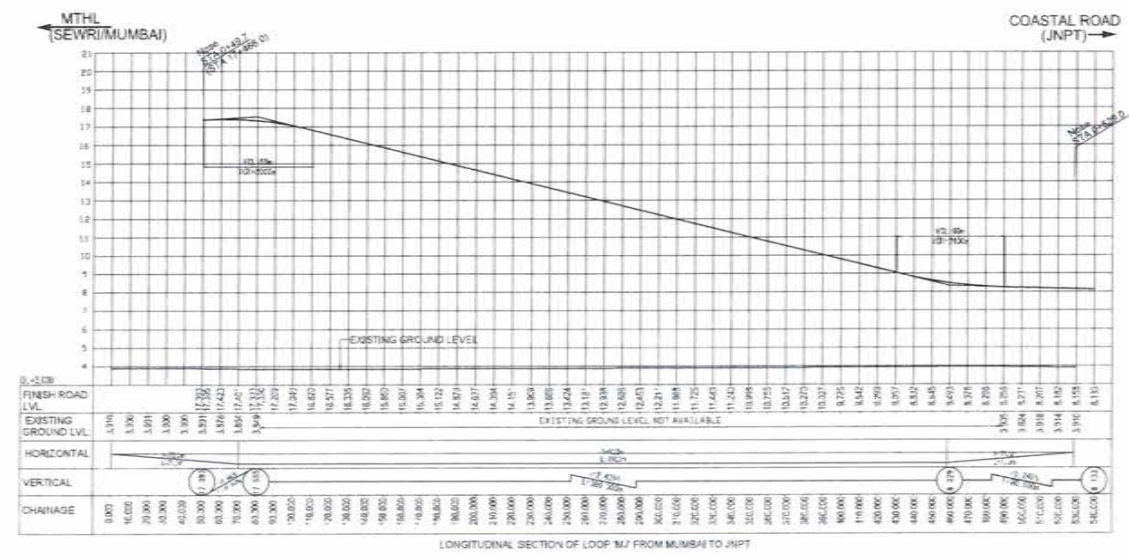
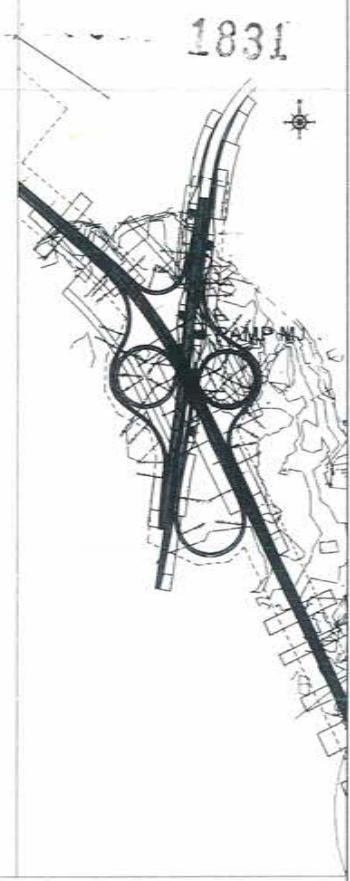
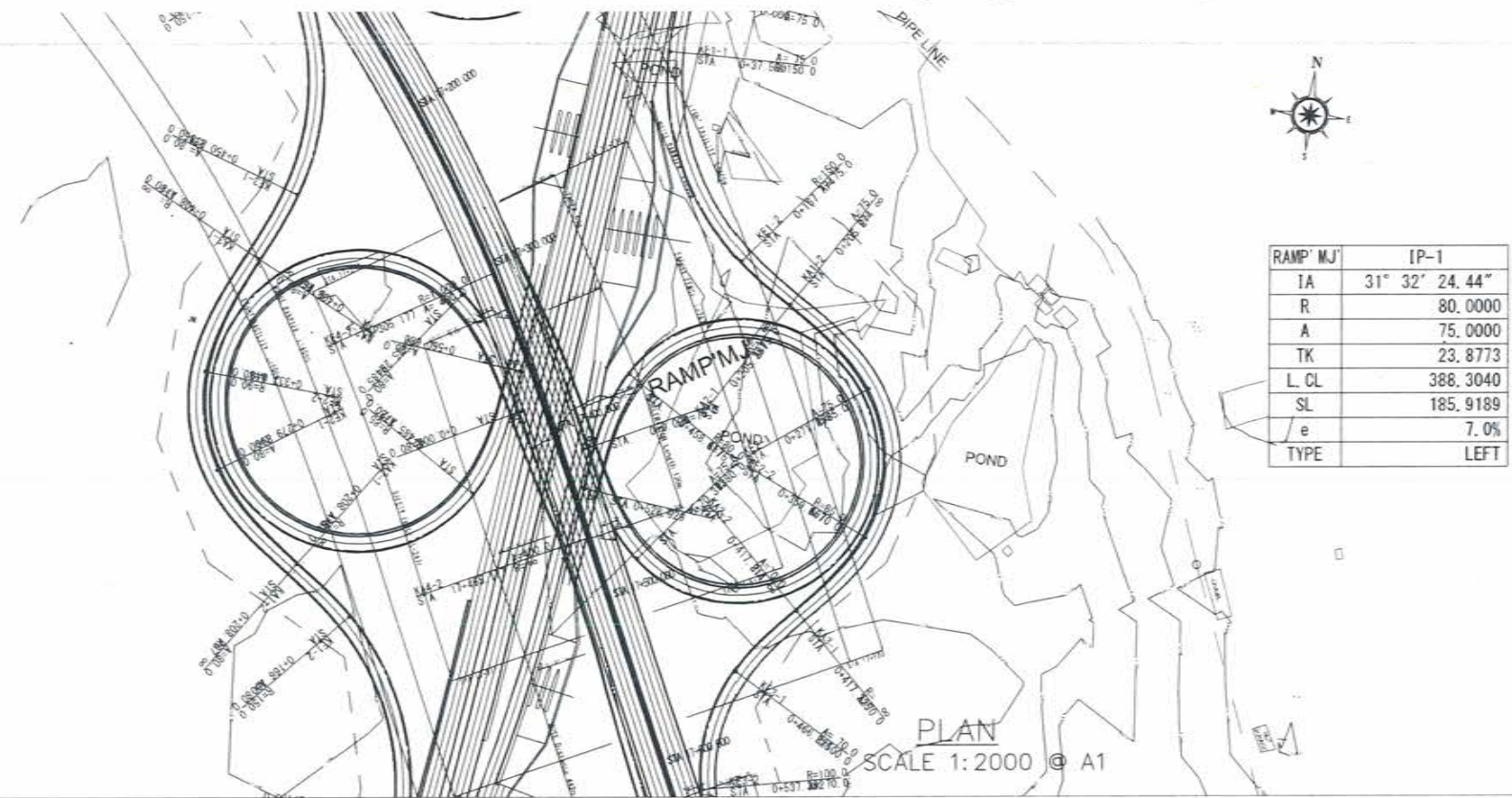


PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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



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



NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

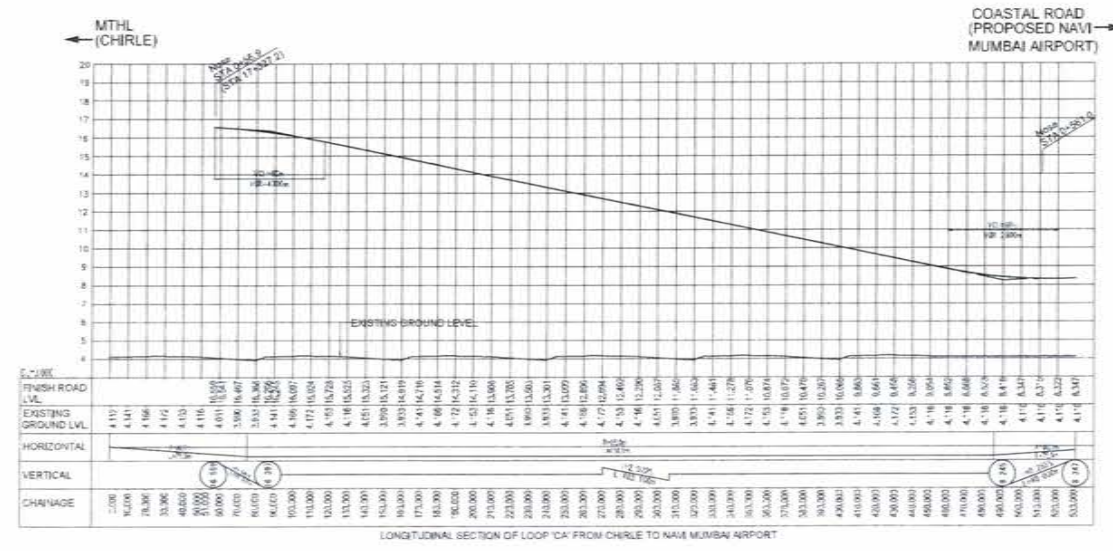
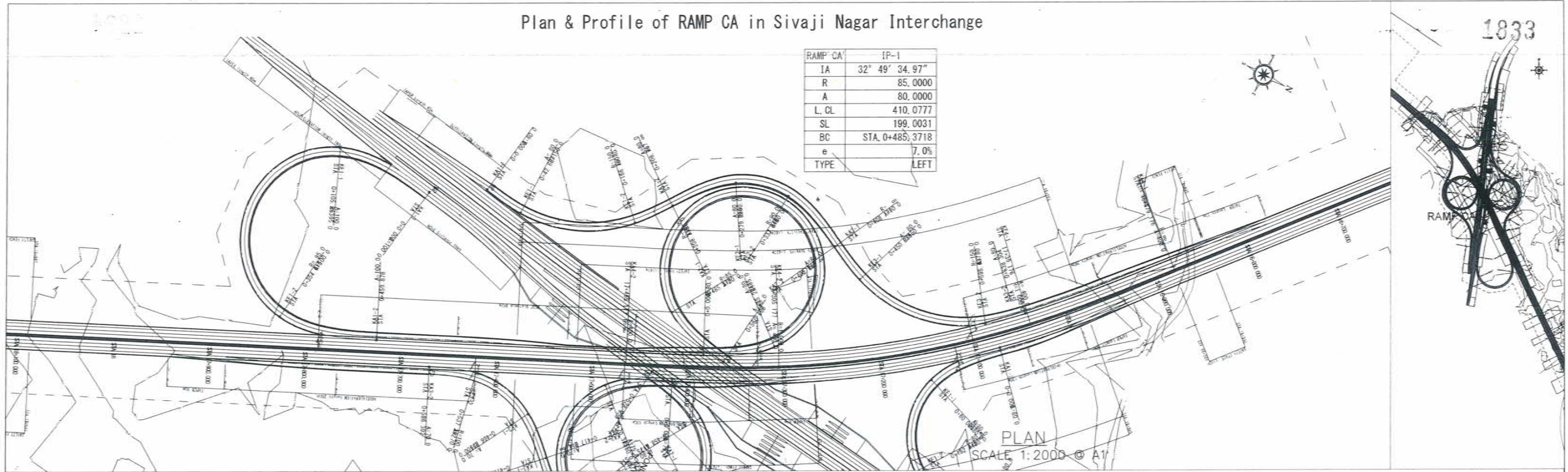


PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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



PROFILE
SCALE H=1:2000 V=200 © A1

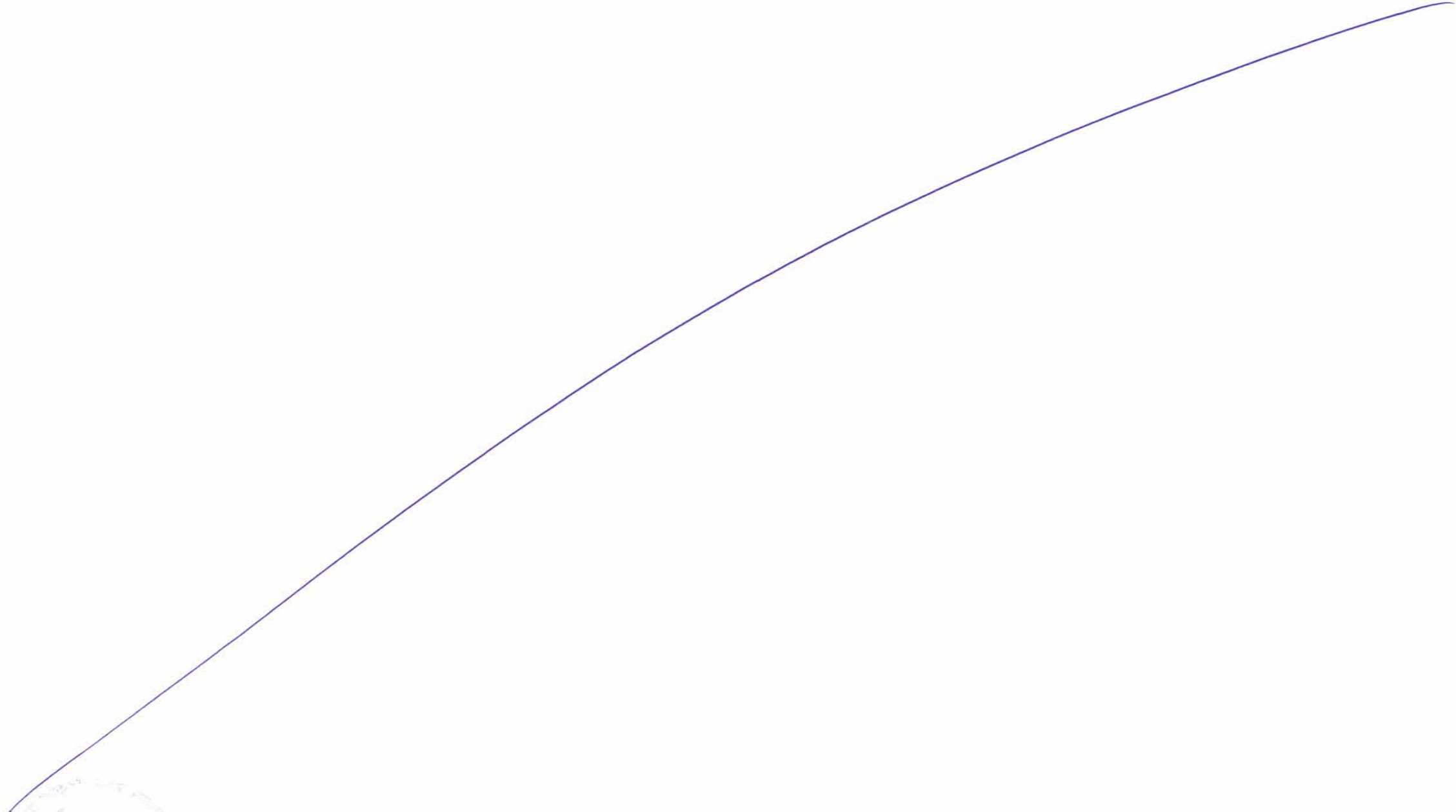


NAME	SION
DRAWN BY	
CHECKED BY	
APPROVED BY	

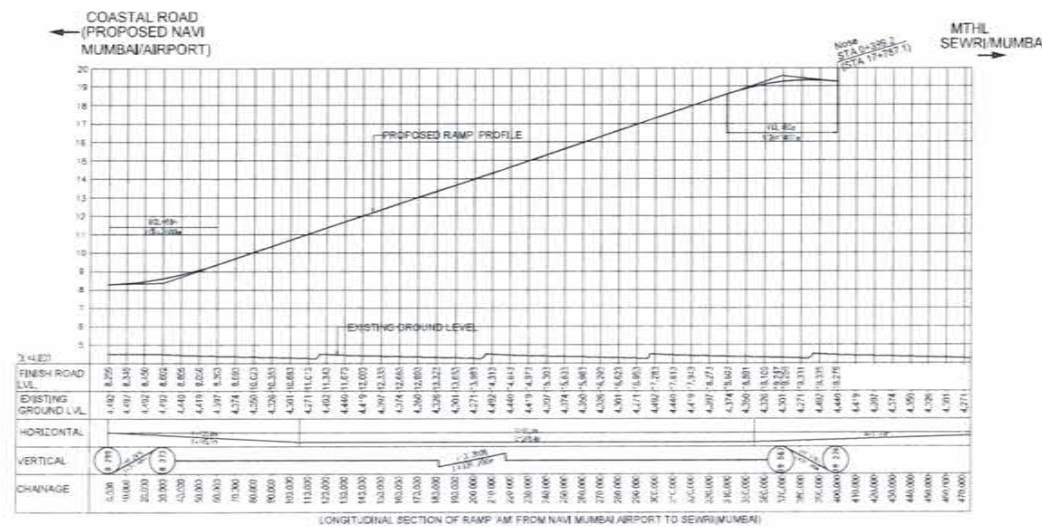
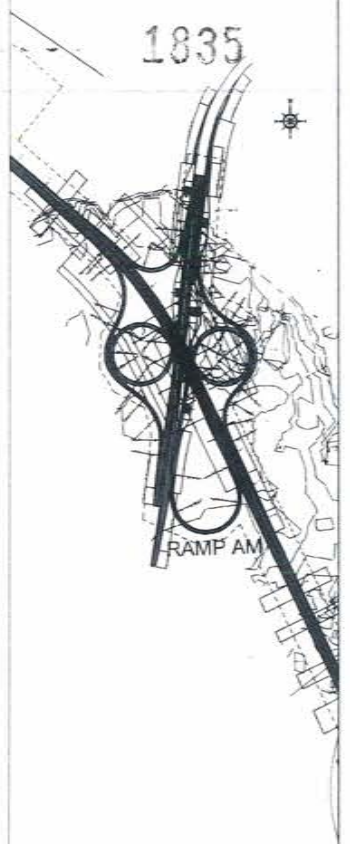
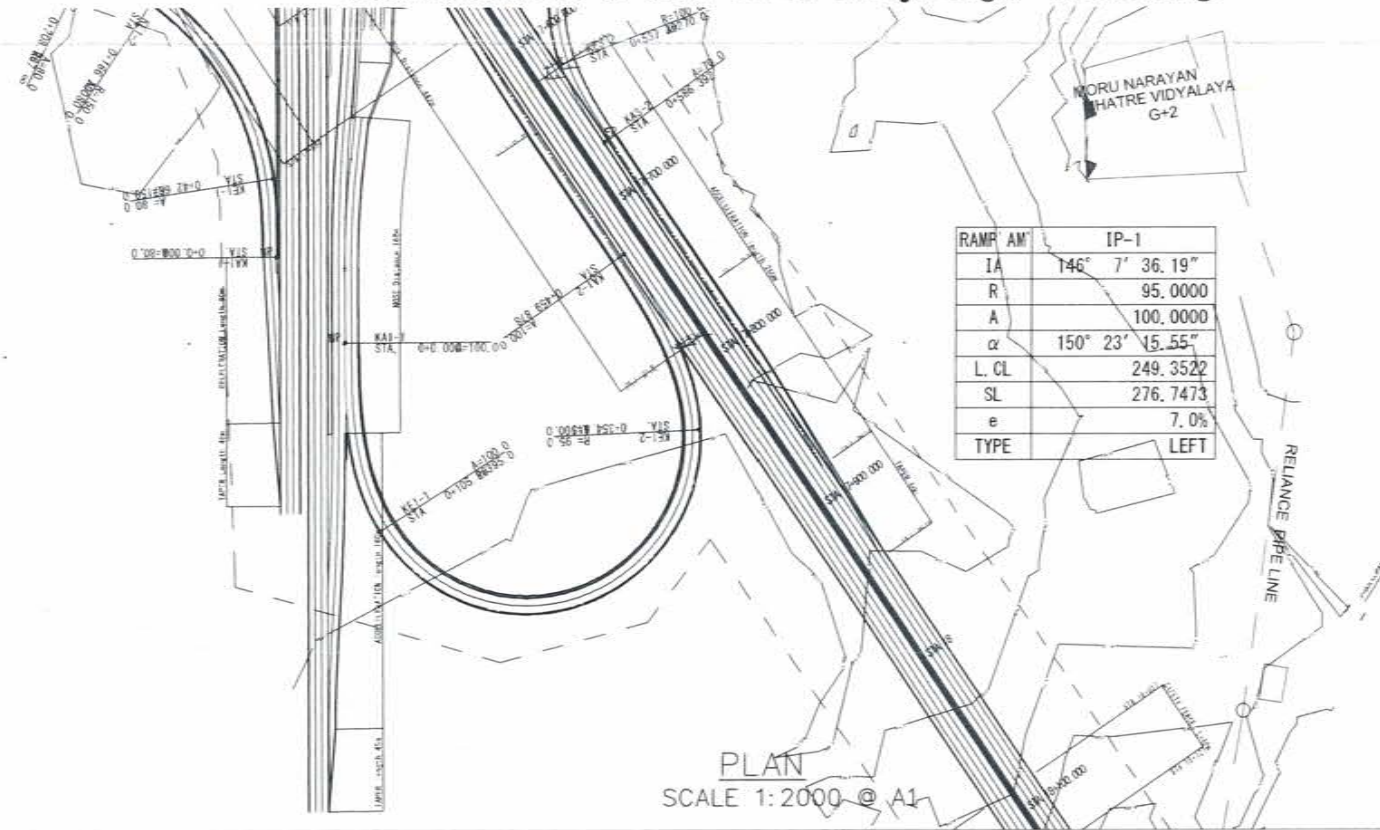


PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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



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		



PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT

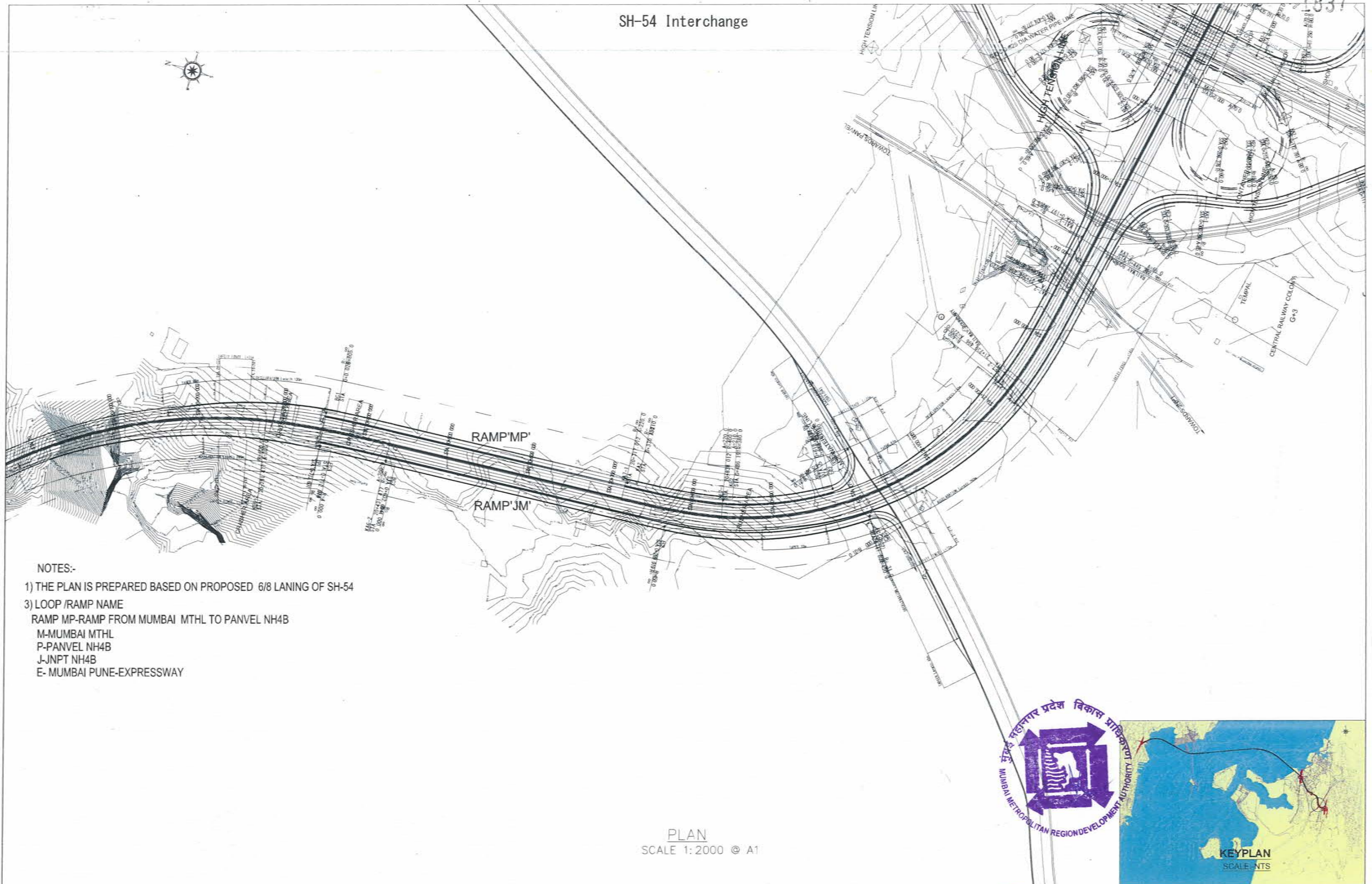
TENDER DRAWINGS

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	



[A large, faint, curved line or signature spans across the middle of the page.]

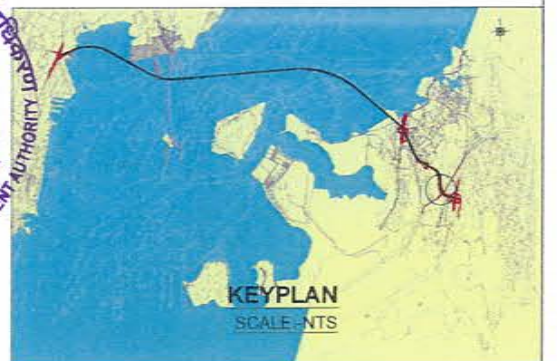
SH-54 Interchange



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		



MMRDA
 MUMBAI METROPOLITAN REGION
 DEVELOPMENT AUTHORITY

PROJECT :-

MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS



TITLE :-		
SH-54 Interchange		
DATE	DRAWING NO.	REV.
	H-032	

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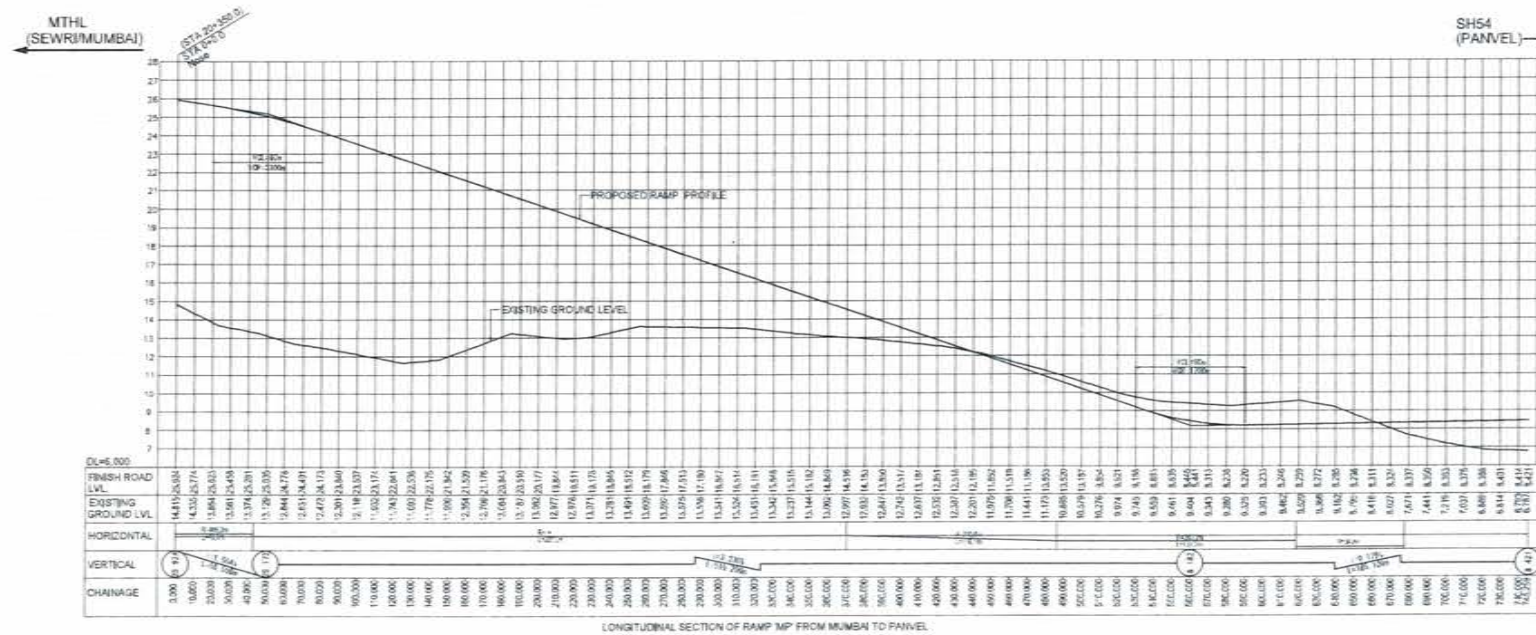
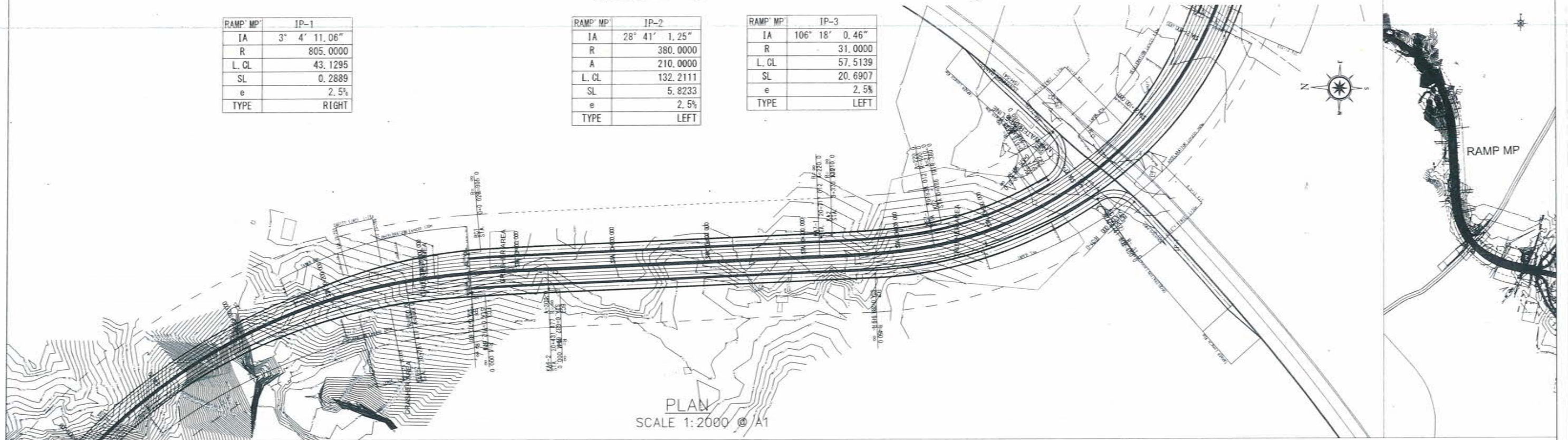


Plan & Profile of RAMP MP in SH-54 Interchange

RAMP MP	IP-1
IA	3° 4' 11.06"
R	805.0000
L. CL	43.1295
SL	0.2889
e	2.5%
TYPE	RIGHT

RAMP MP	IP-2
IA	28° 41' 1.25"
R	380.0000
A	210.0000
L. CL	132.2111
SL	5.8233
e	2.5%
TYPE	LEFT

RAMP MP	IP-3
IA	106° 18' 0.46"
R	31.0000
L. CL	57.5139
SL	20.6907
e	2.5%
TYPE	LEFT



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

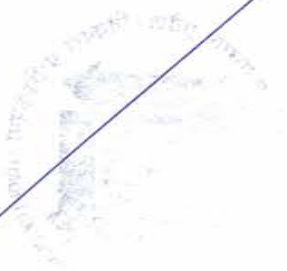
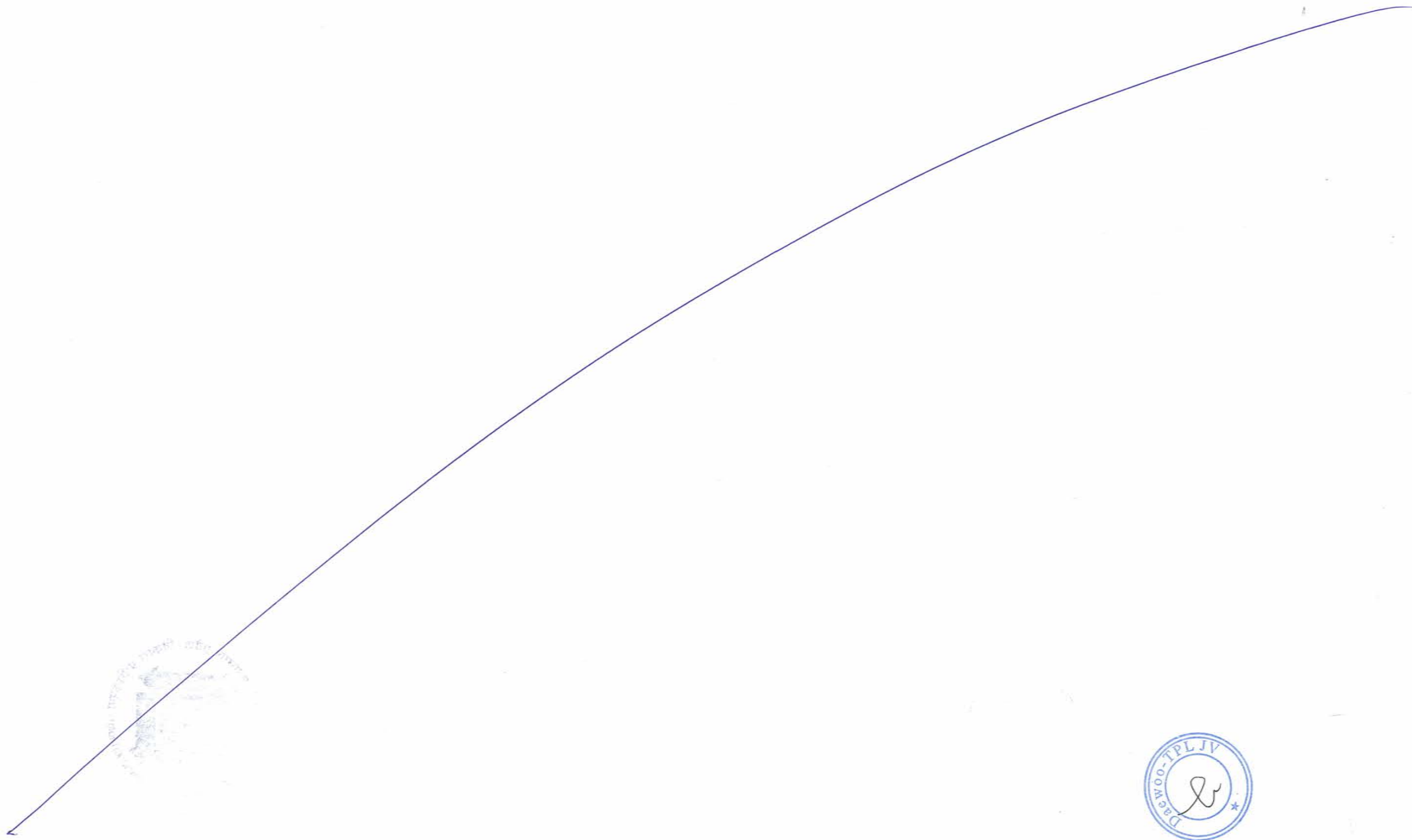


NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

TITLE -		
Plan & Profile of RAMP MP in SH-54 Interchange FROM CH: 0+000 TO CH: 0+676.0		
DATE	DRAWING NO.	REV.
	H-033	



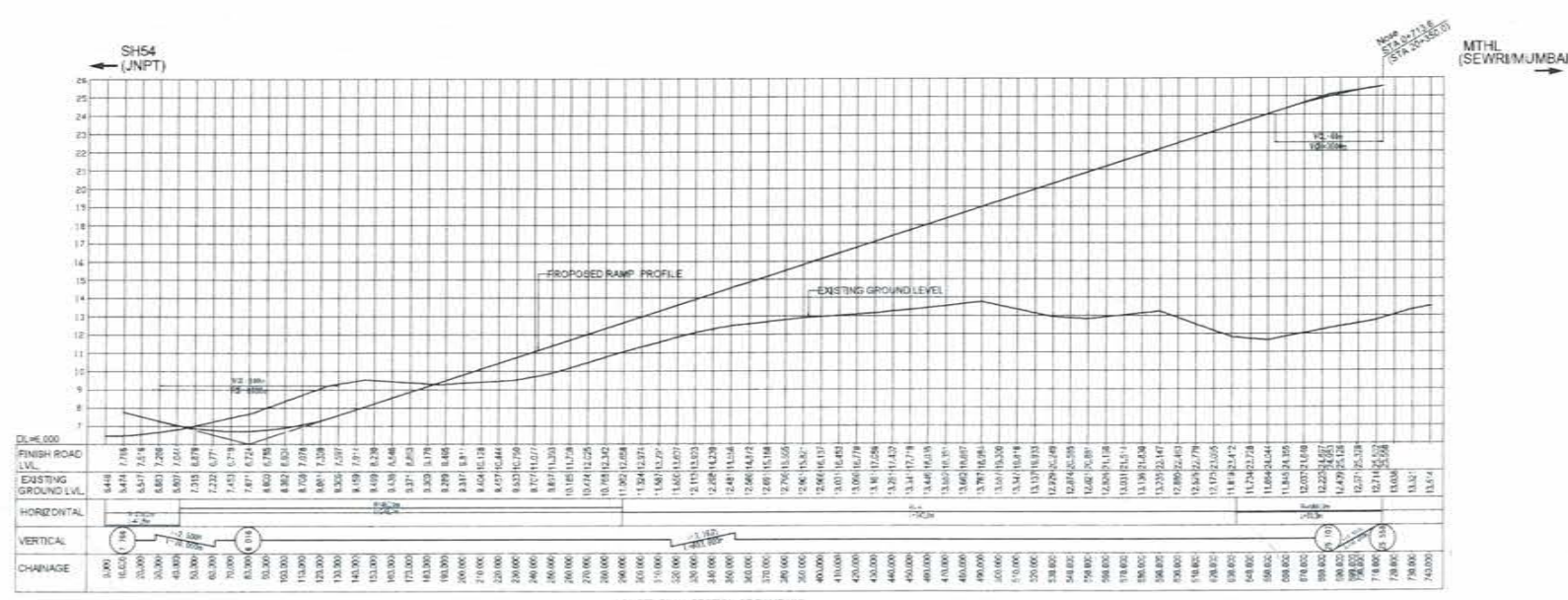
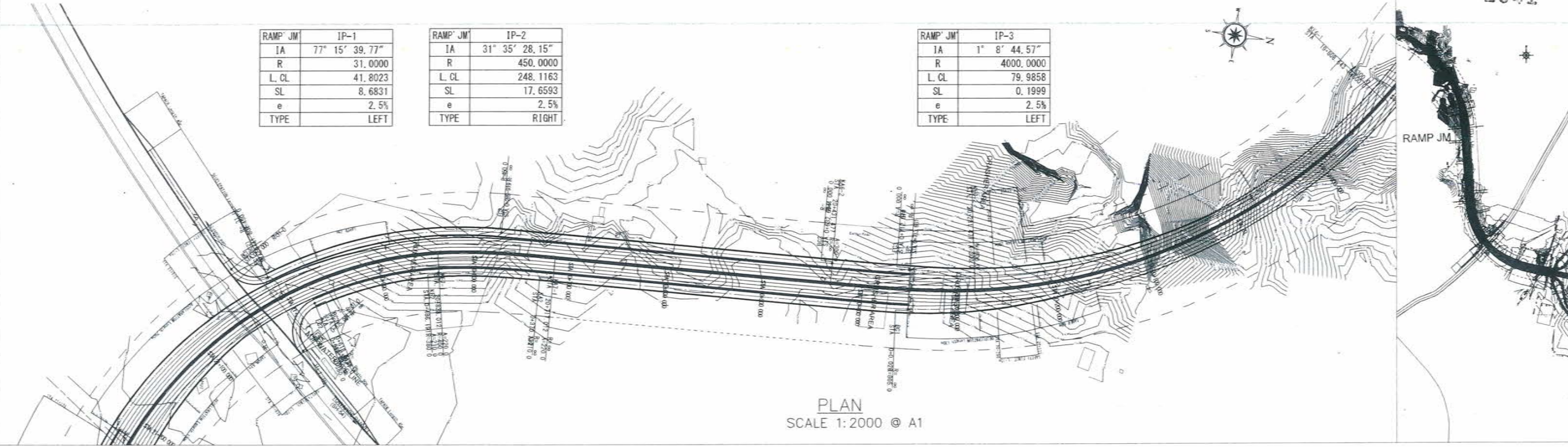
Plan & Profile of RAMP JM in SH-54 Interchange

1841

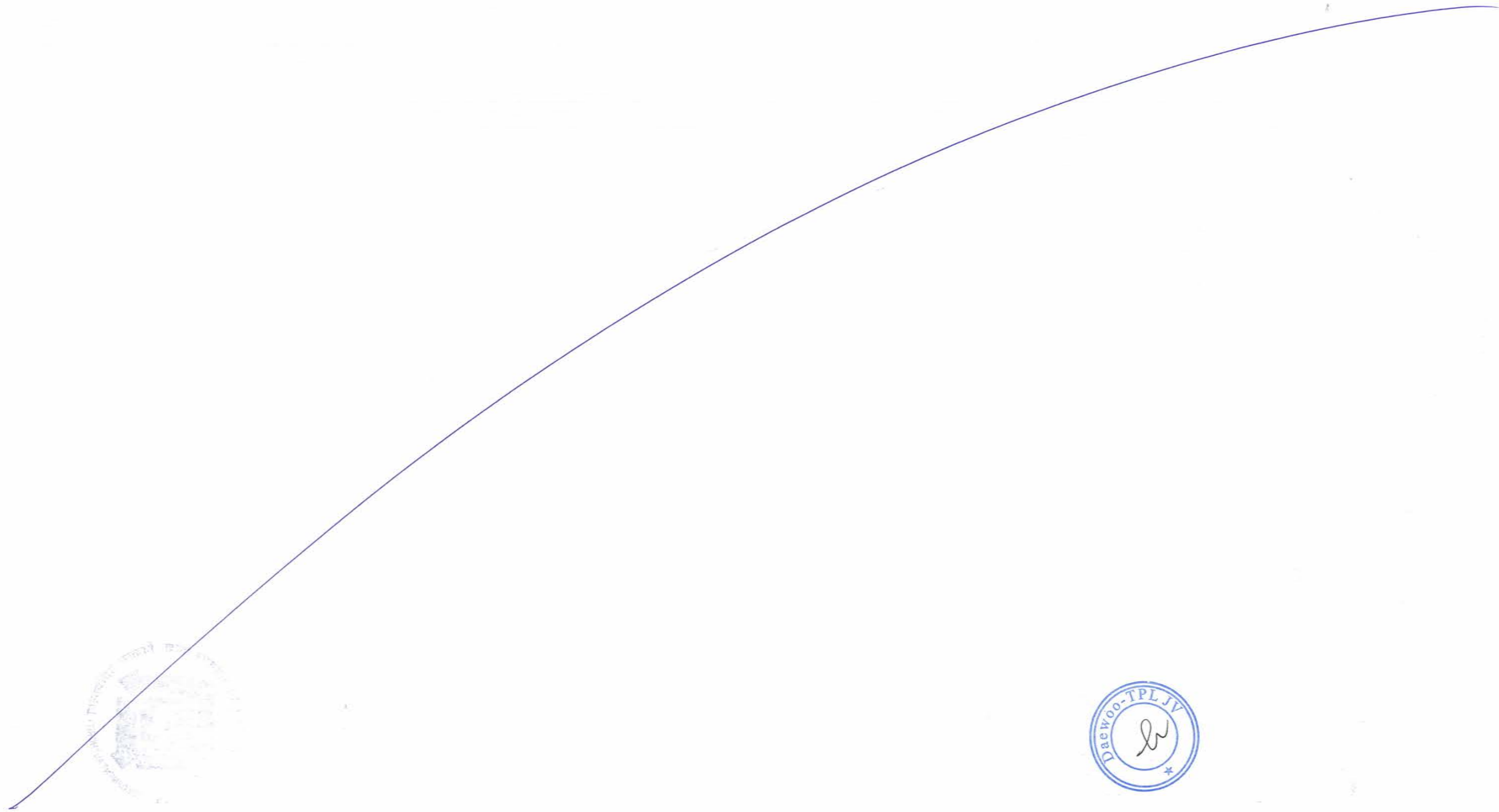
RAMP JM	IP-1
IA	77° 15' 39.77"
R	31.0000
L. CL	41.8023
SL	8.6831
e	2.5%
TYPE	LEFT

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



<table border="1"> <tr><td>NAME</td><td>SIGN</td></tr> <tr><td>DRAWN BY</td><td></td></tr> <tr><td>CHECKED BY</td><td></td></tr> <tr><td>APPROVED BY</td><td></td></tr> </table>	NAME	SIGN	DRAWN BY		CHECKED BY		APPROVED BY		<p>MMRDA MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY</p>	<p>PROJECT -</p> <p>MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS</p>	<p>TITLE -</p> <p>Plan & Profile of RAMP JM in SH-54 Interchange FROM CH: 0+000 TO CH: 0+713.6</p> <table border="1"> <tr> <td>DATE</td> <td>DRAWING NO.</td> <td>REV.</td> </tr> <tr> <td></td> <td>H-034</td> <td></td> </tr> </table>	DATE	DRAWING NO.	REV.		H-034	
NAME	SIGN																
DRAWN BY																	
CHECKED BY																	
APPROVED BY																	
DATE	DRAWING NO.	REV.															
	H-034																

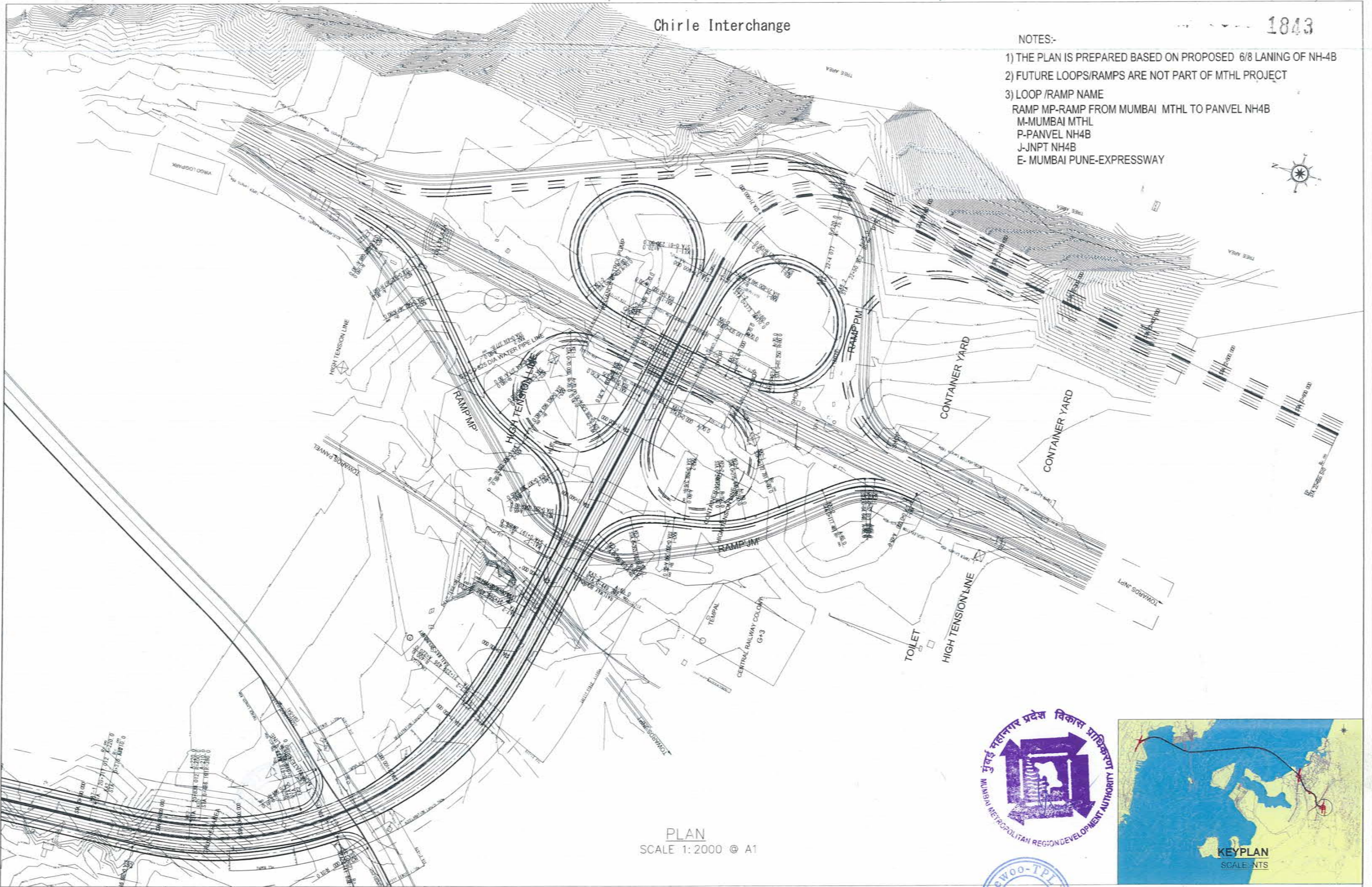


Chirle Interchange

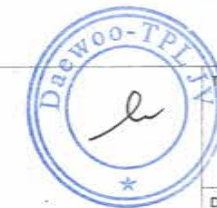
1843

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



MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

Chirle Interchange

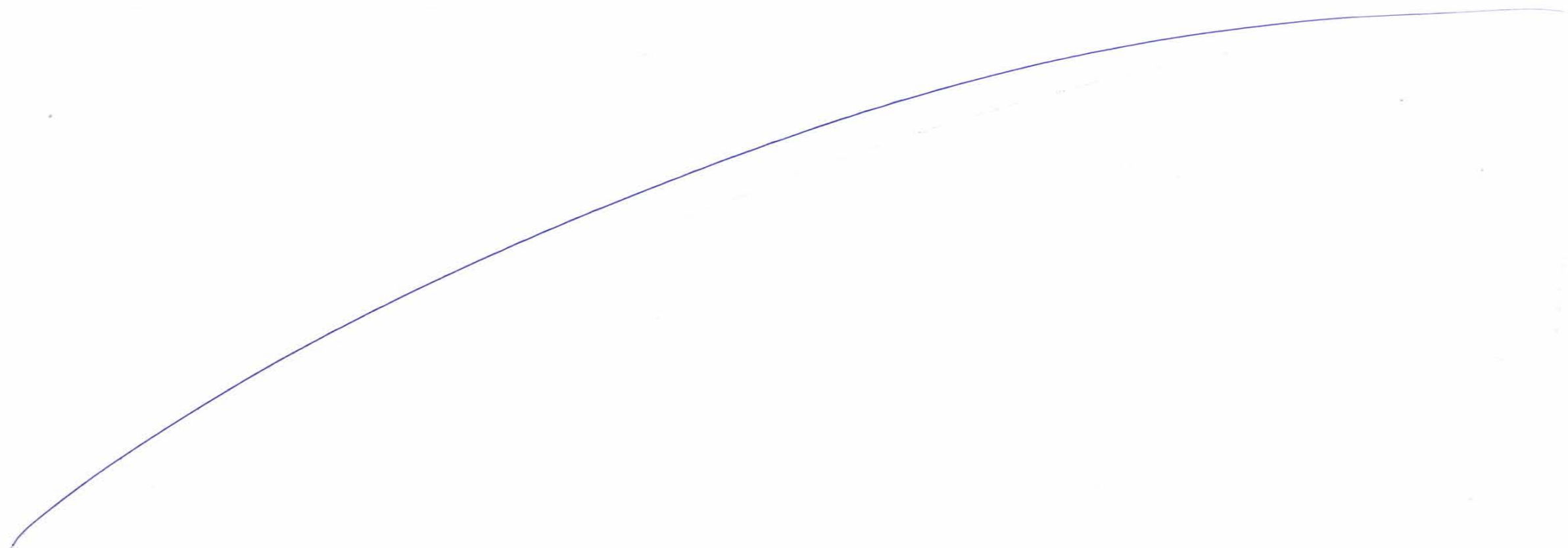
NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

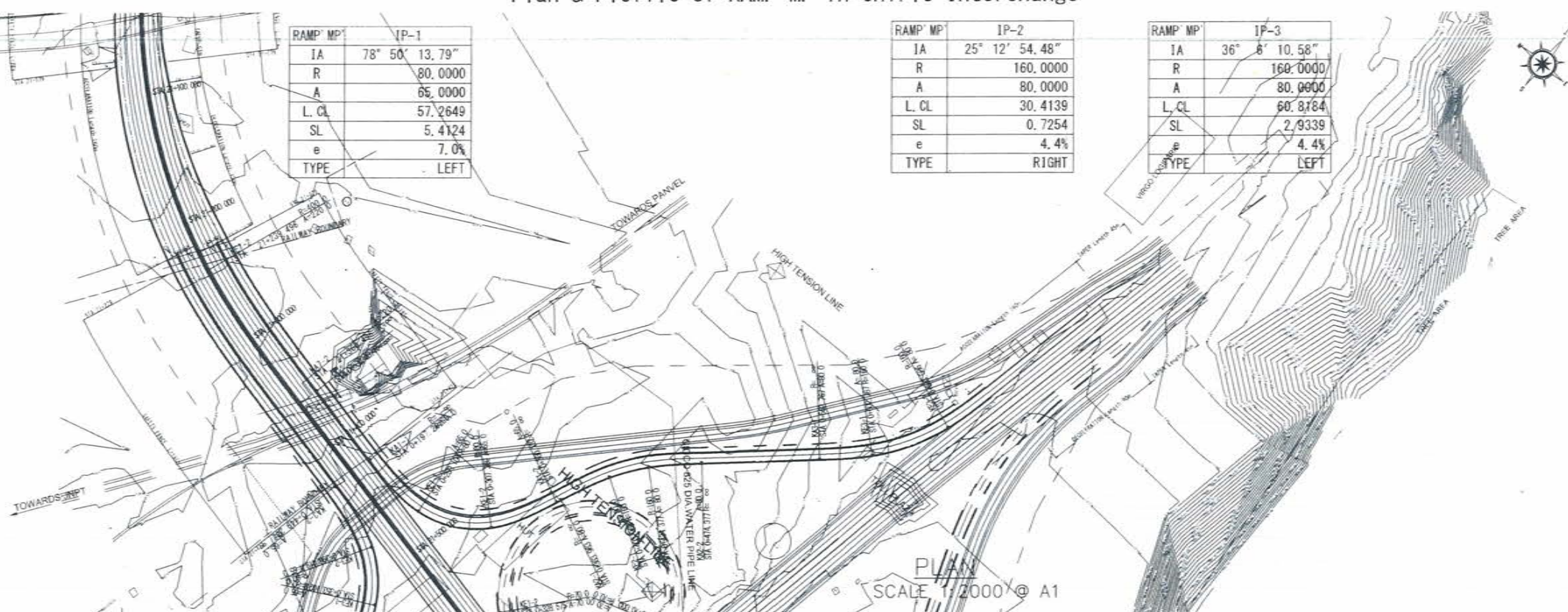
PROJECT :-

DATE	DRAWING NO.	REV.
	H-035	

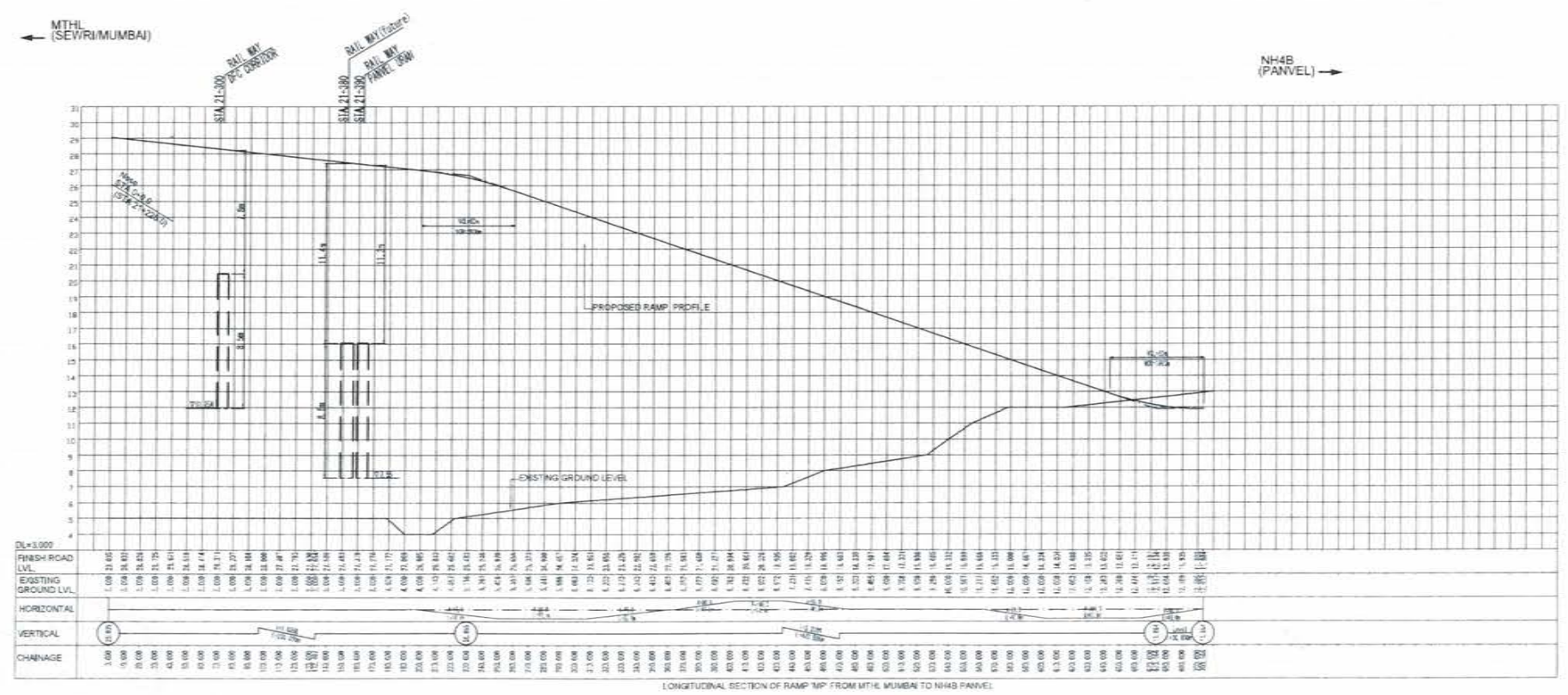


Plan & Profile of RAMP MP in Chirle Interchange

1845



PLAN SCALE 1:2000 @ A1



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



NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



PROJECT -
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.

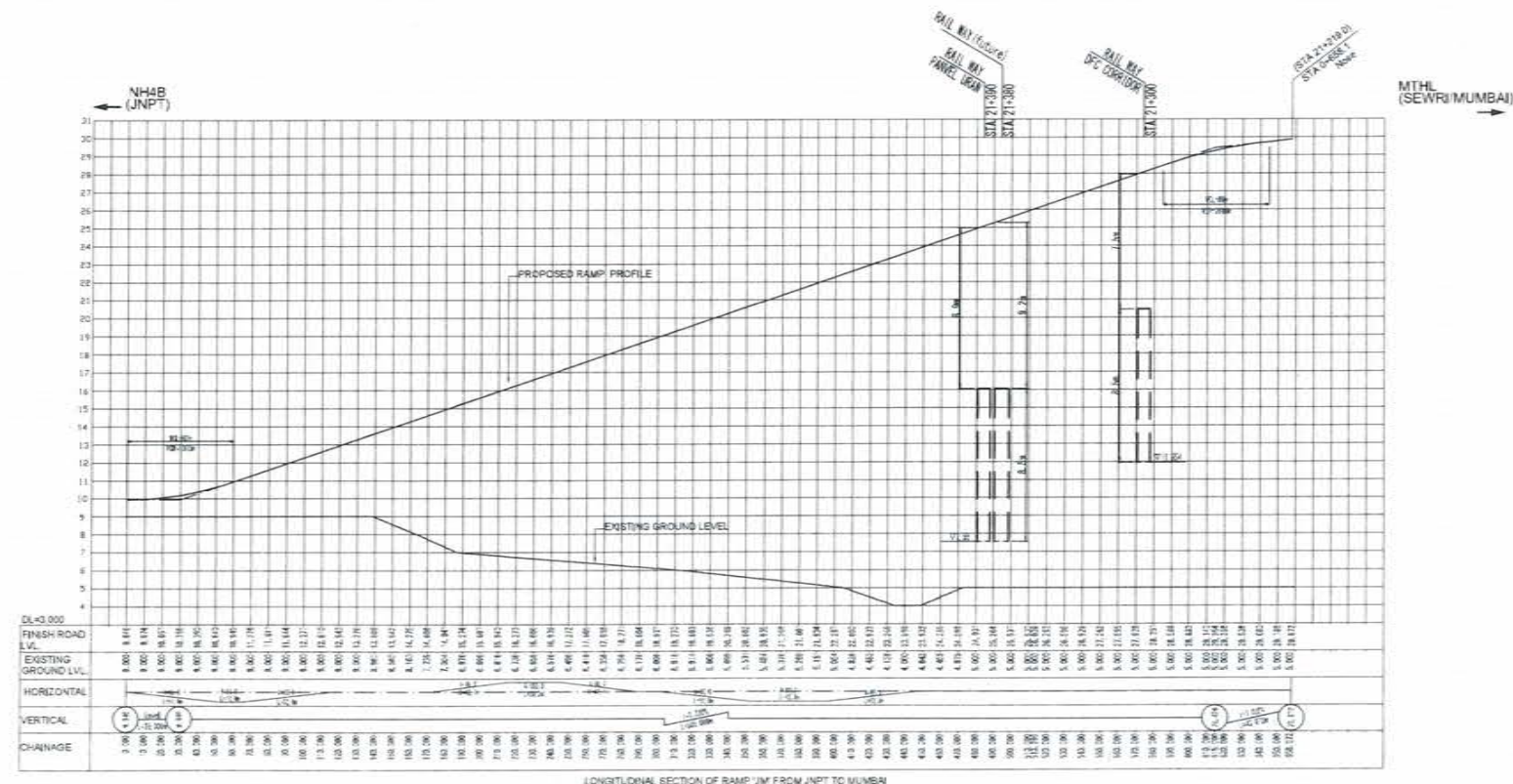
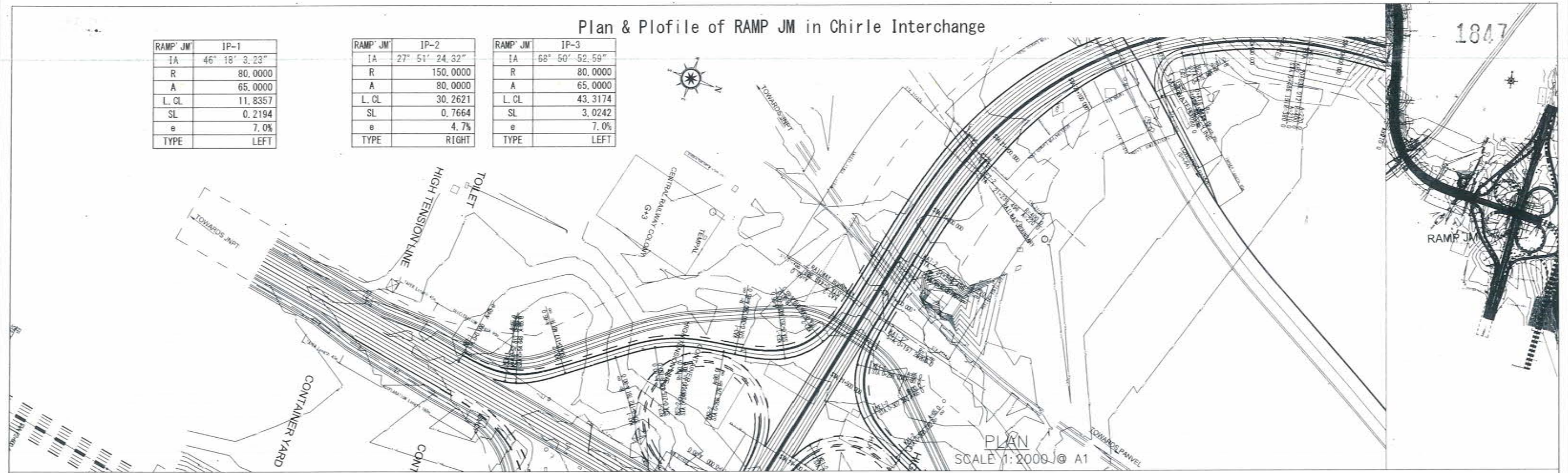


Plan & Profile of RAMP JM in Chirle Interchange

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

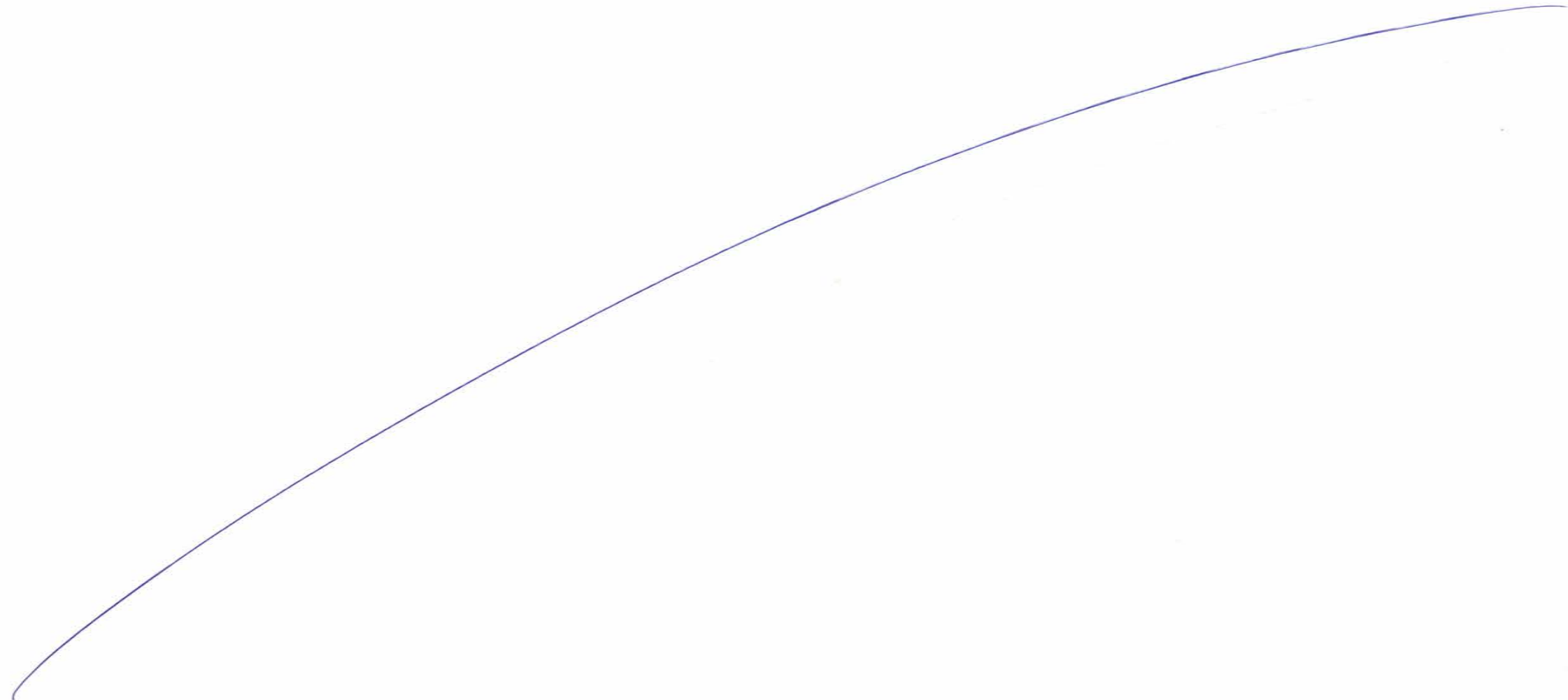


NAME	SIGN
DRAWN BY:	
CHECKED BY:	
APPROVED BY:	



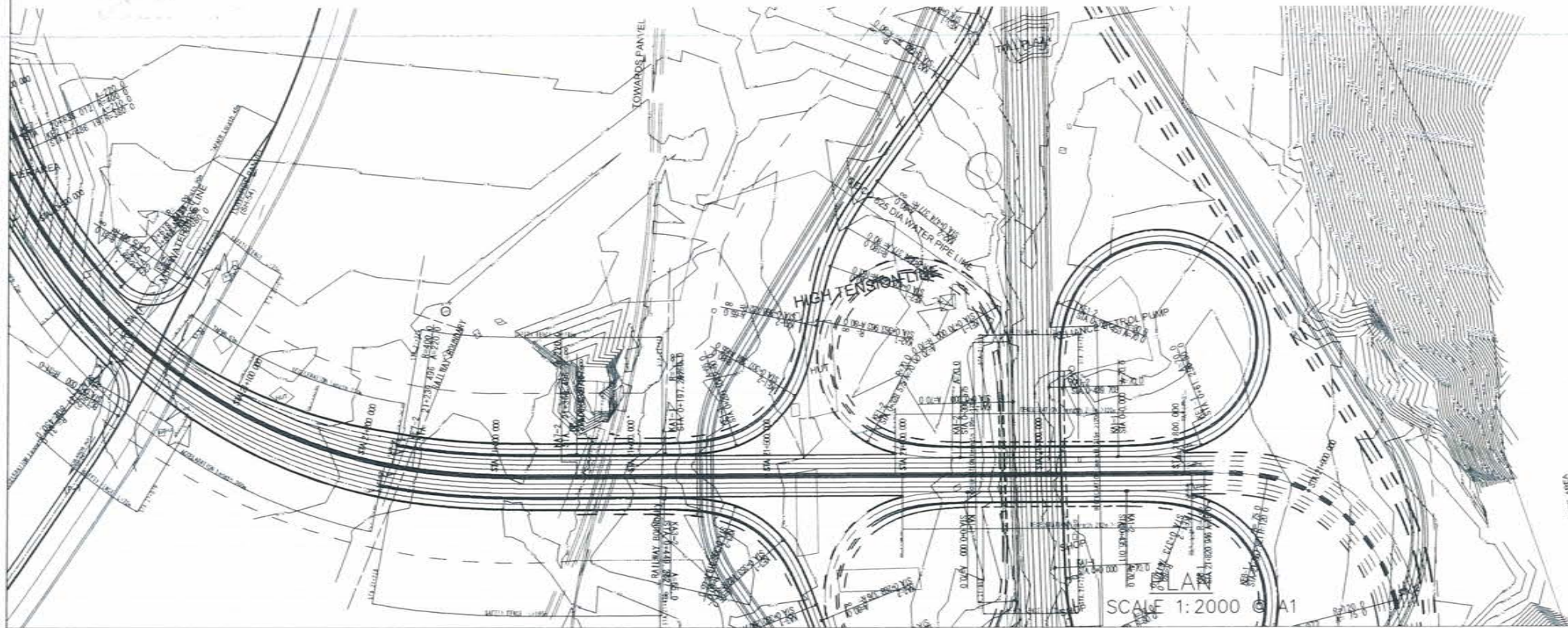
PROJECT - MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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

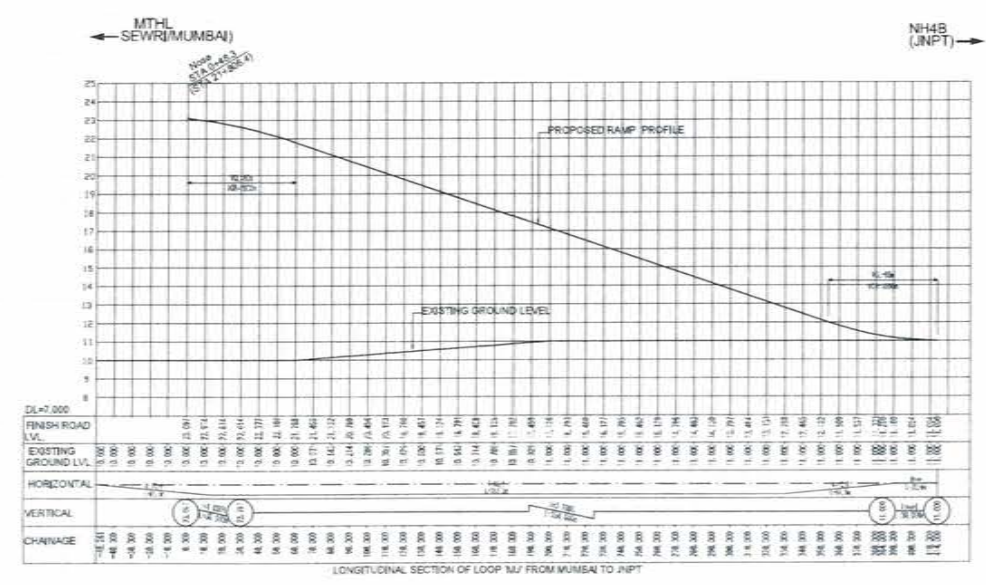
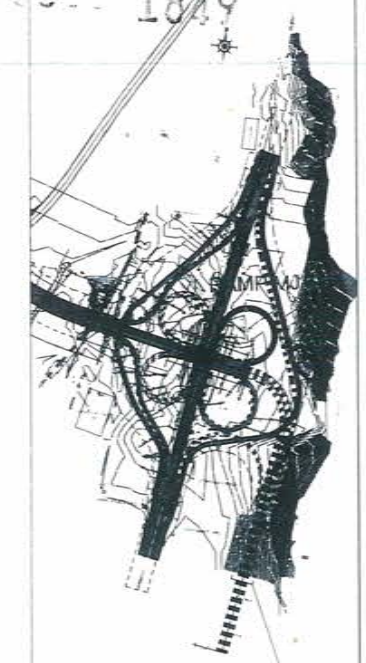


Plan & Profile of RAMP MJ in Chirle Interchange

1849



RAMP MJ	IP-1
IA	88° 57' 11.61"
R	80.0000
A	70.0000
L. CL	317.2027
SL	279.9067
e	7.0%
TYPE	LEFT



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

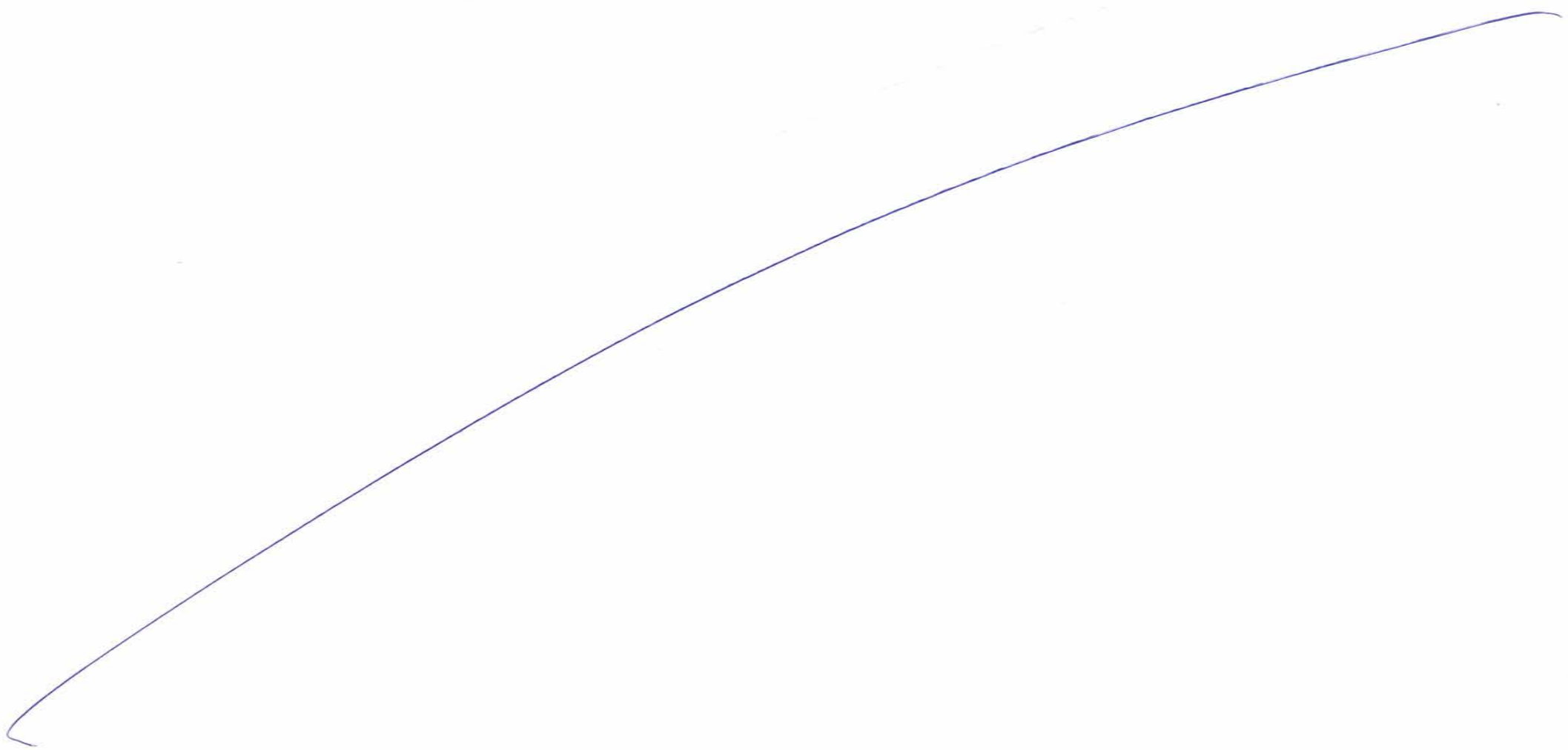


NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



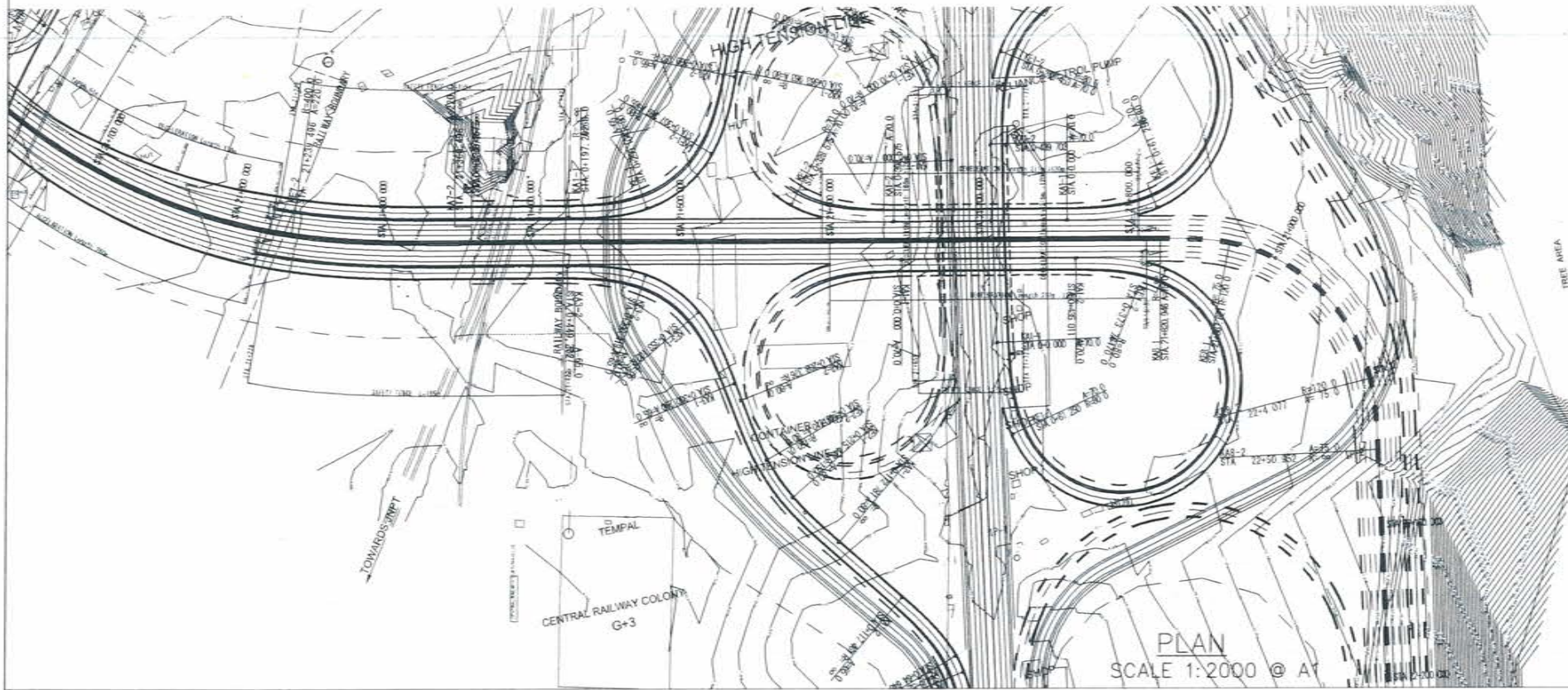
PROJECT :-
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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

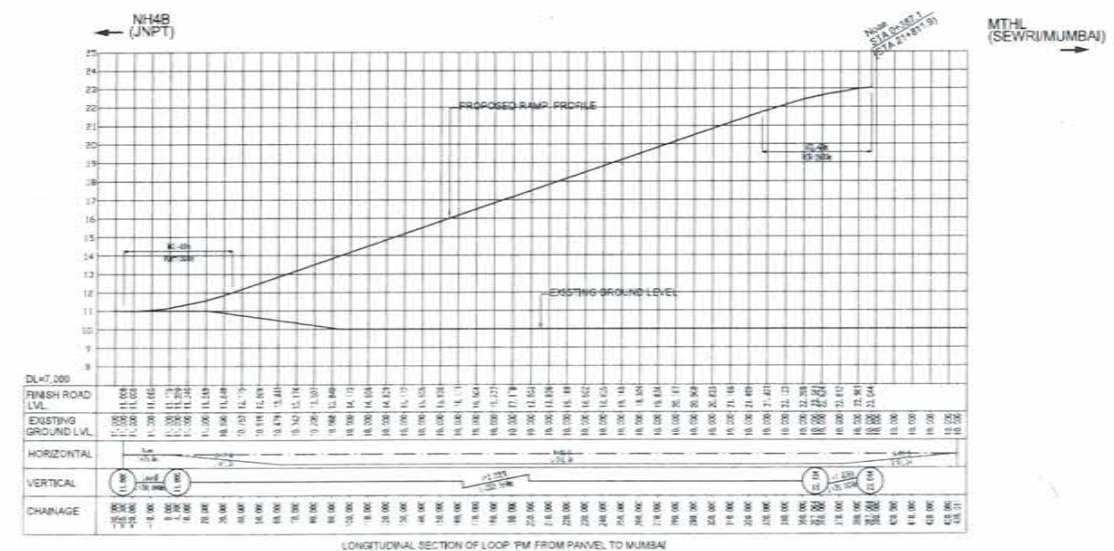
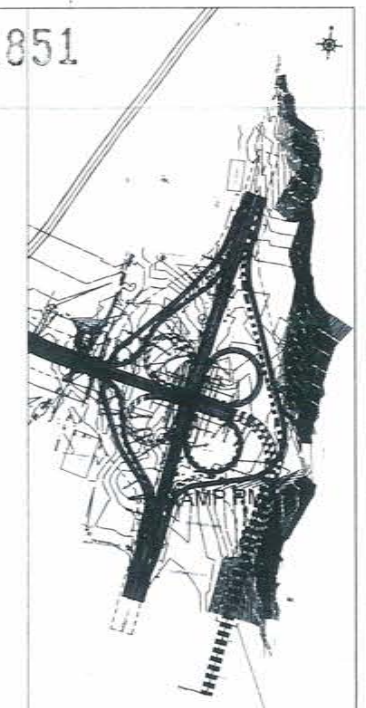


Plan & Profile of RAMP PM in Chirle Interchange

1851



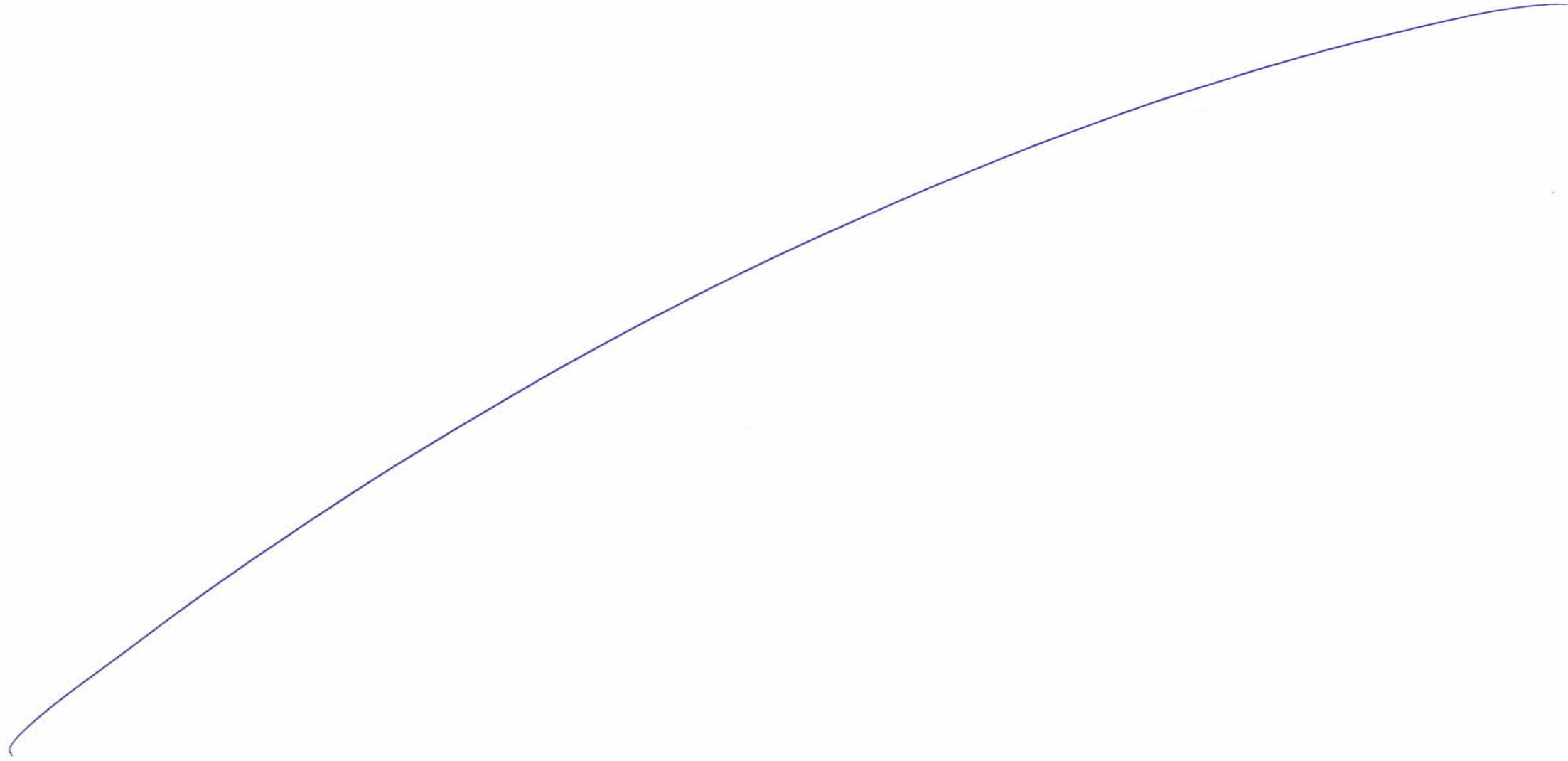
RAMP PM	IP-1
IA	92° 18' 48.48"
R	80.0000
A	70.0000
L. CL	312.5109
SL	294.3937
e	7.0%
TYPE	LEFT



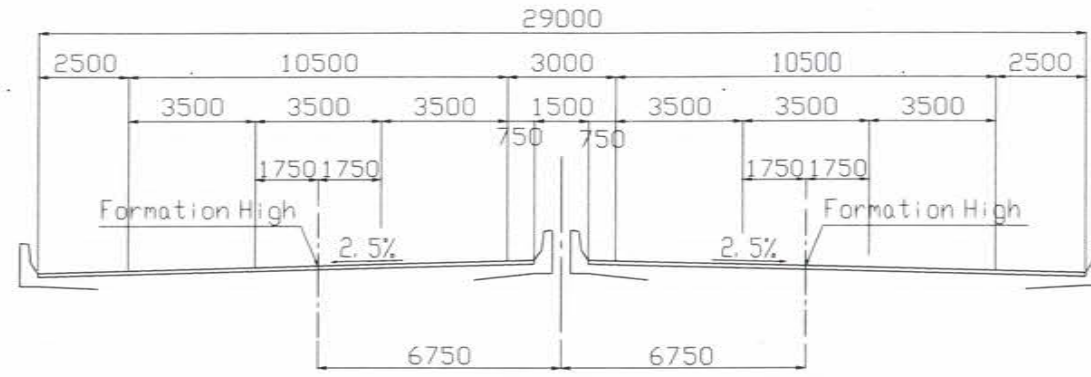
PROFILE
SCALE H=1:2000 V=200 @ A1



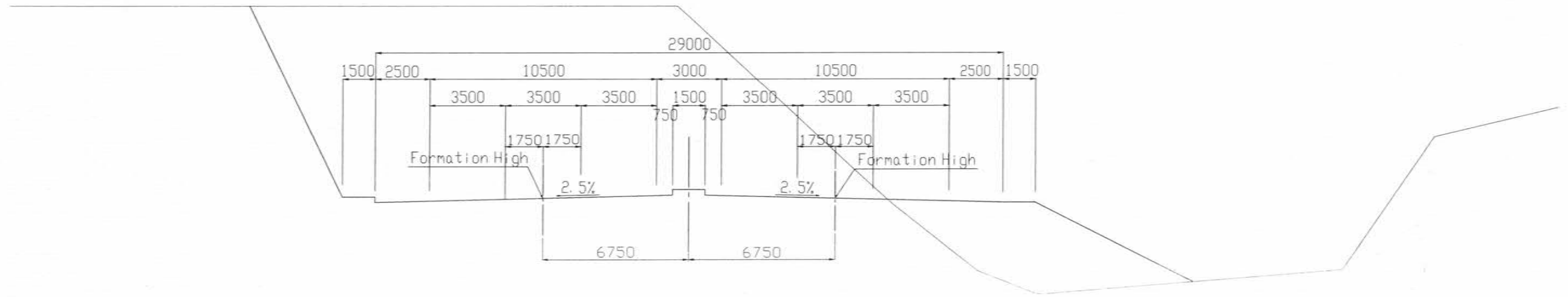
DRAWN BY CHECKED BY APPROVED BY	NAME	SIGN	PROJECT - MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS	TITLE - Plan & Profile of RAMP PM in Chirle Interchange FROM CH: 0-25.3 TO CH: 0+387.1	
	MMRDA MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY			DATE	DRAWING NO. H-039
					REV.



Typical Cross-Section of Main Line



Main Alignment, Bride Section



Main Alignment, Earth Works Section

SCALE 1:100 @ A1

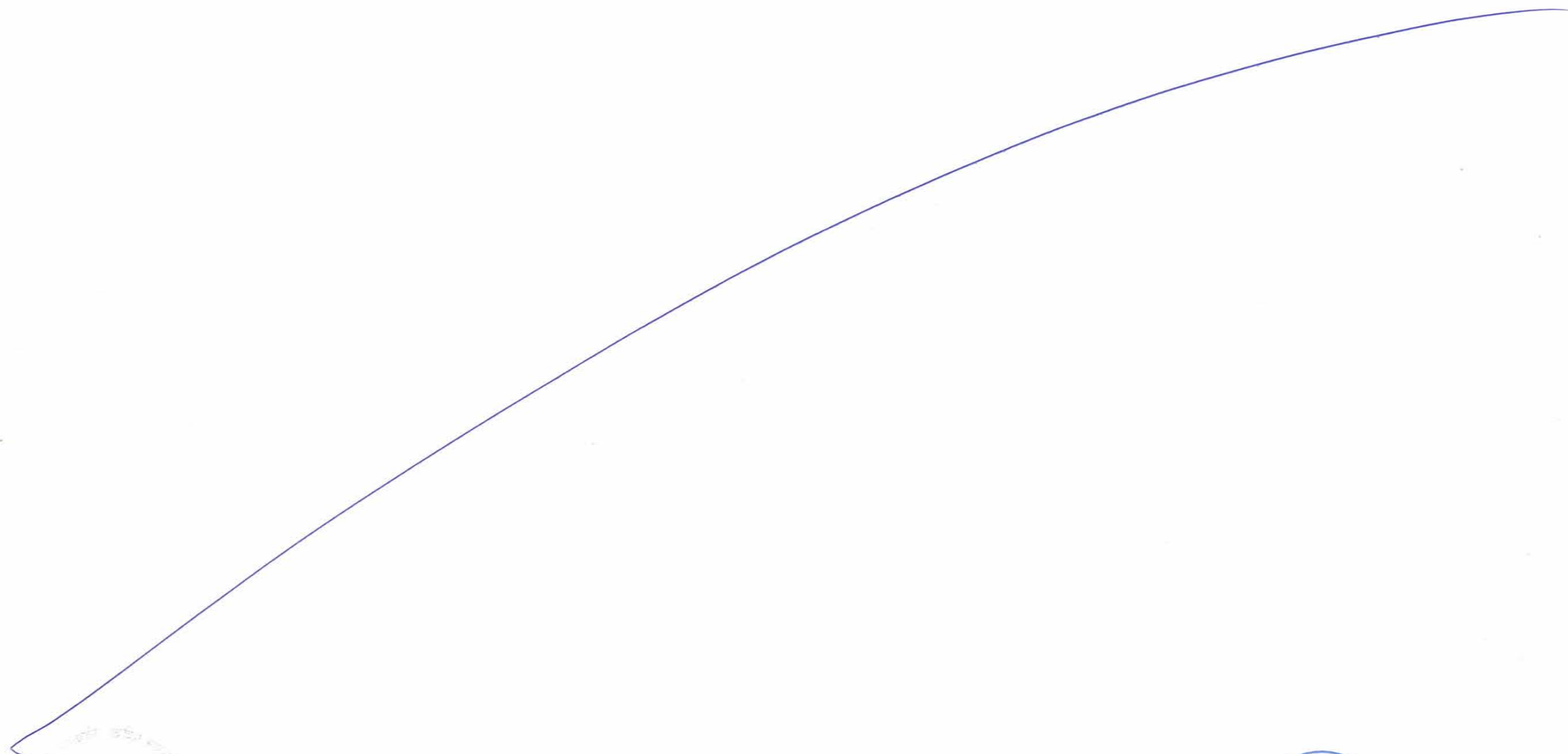


NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

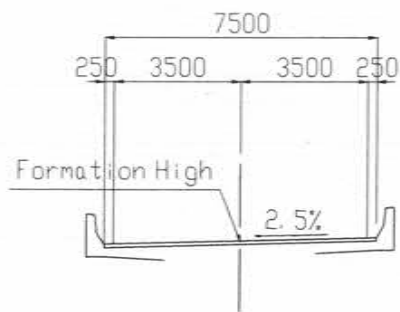
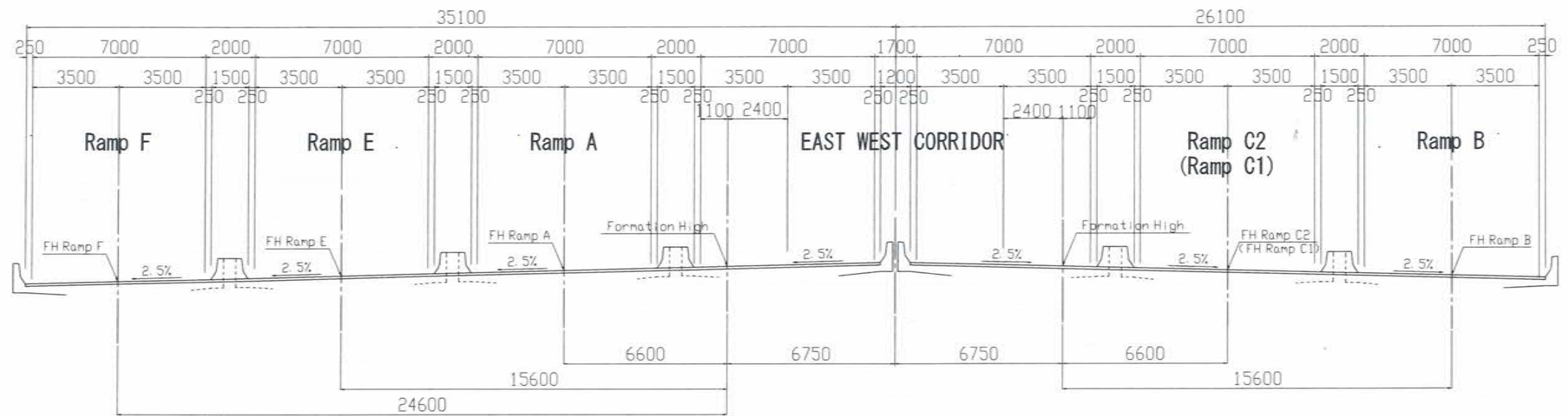
PROJECT -
**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE - Typical Cross-Section of Main Line		
DATE	DRAWING NO. H-040	REV.



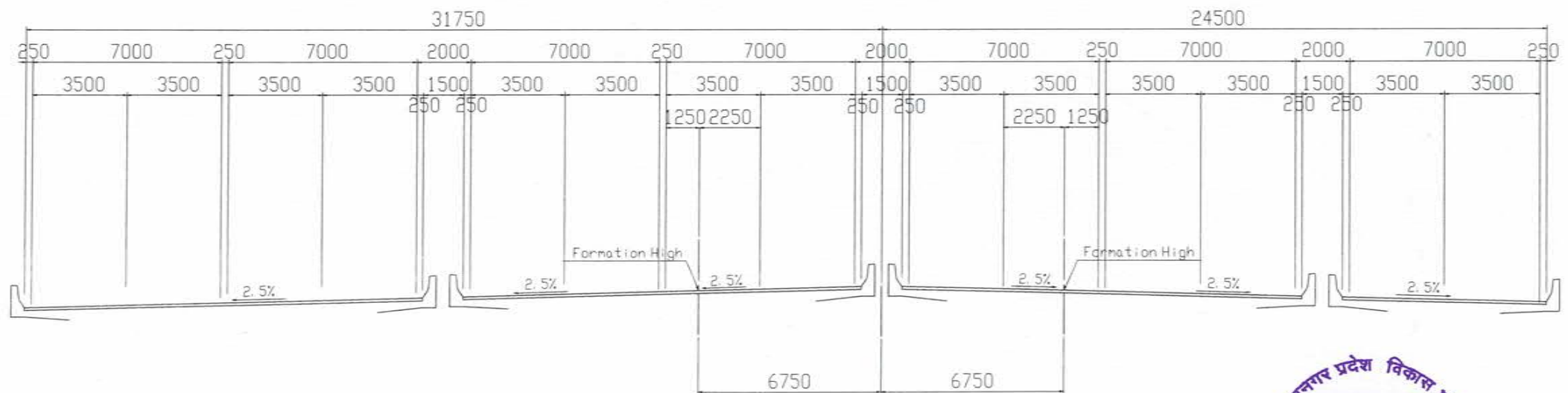
Typical Cross-Section of RAMP (1/3)

1855



Sewri Interchange

Interchange Nose Section



Interchange Acceleration and Deceleration

SCALE 1:100 @ A1



NAME	SIGN
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APPROVED BY	



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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE -

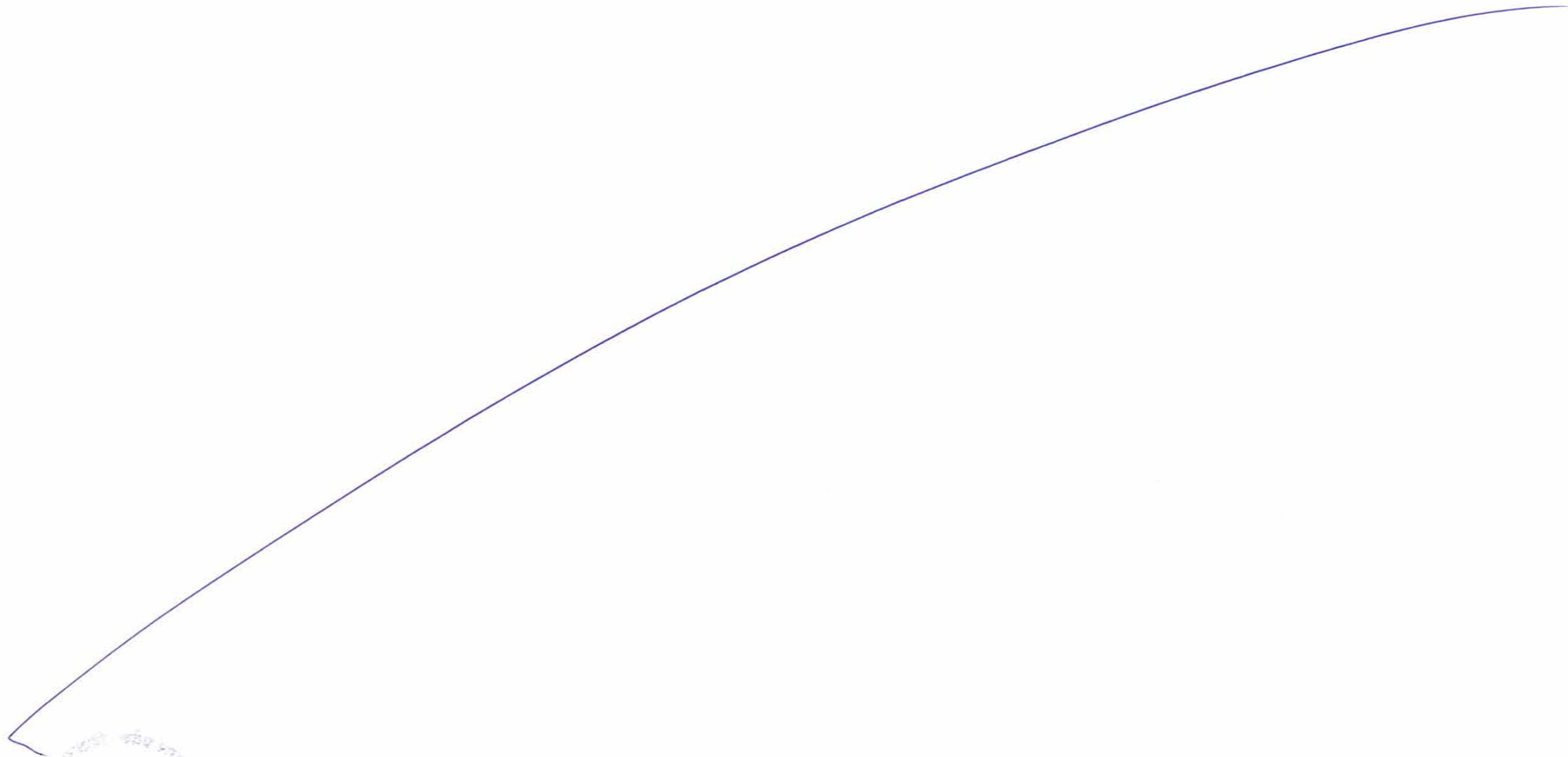
Typical Cross-Section of RAMP (1/3)
(Sewri Interchange)

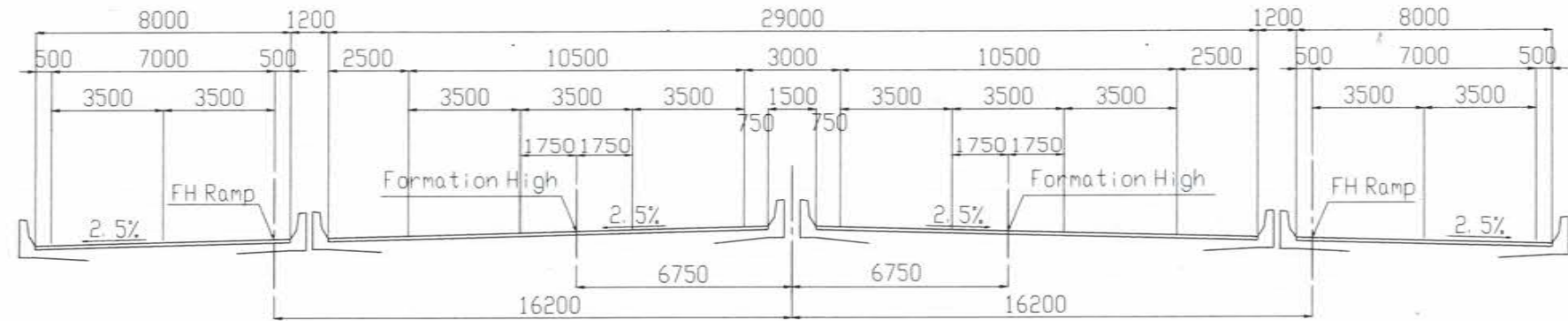
DATE

DRAWING NO.

H-041

REV.

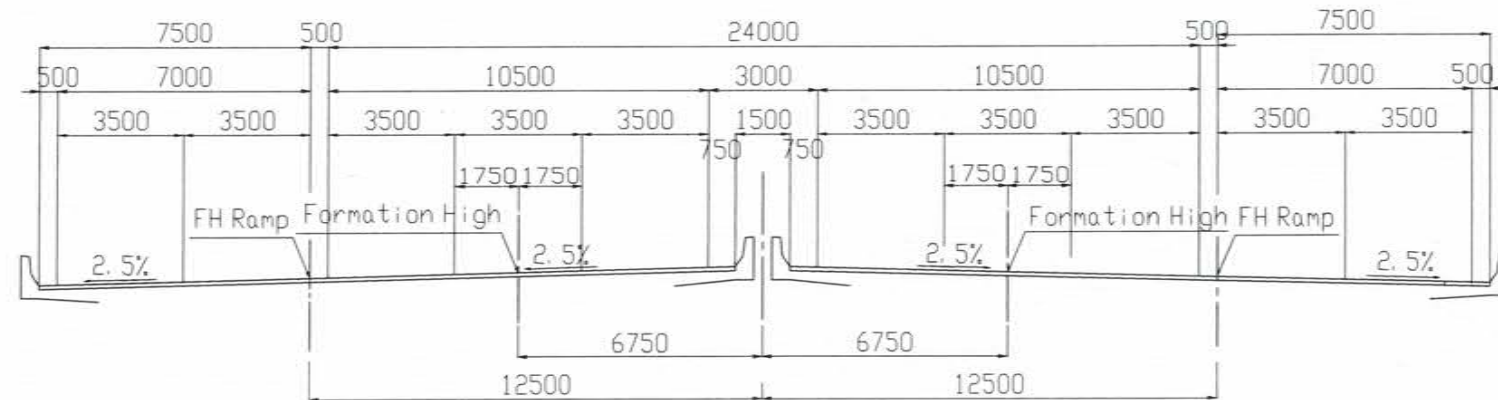




Interchange Nose Section



Shivaji Nagar, Chirle Interchange



Interchange Acceleration and Deceleration

SCALE 1:100 @ A1



	NAME	SIGN
DRAWN BY		
CHECKED BY		
APPROVED BY		



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT:-

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE -

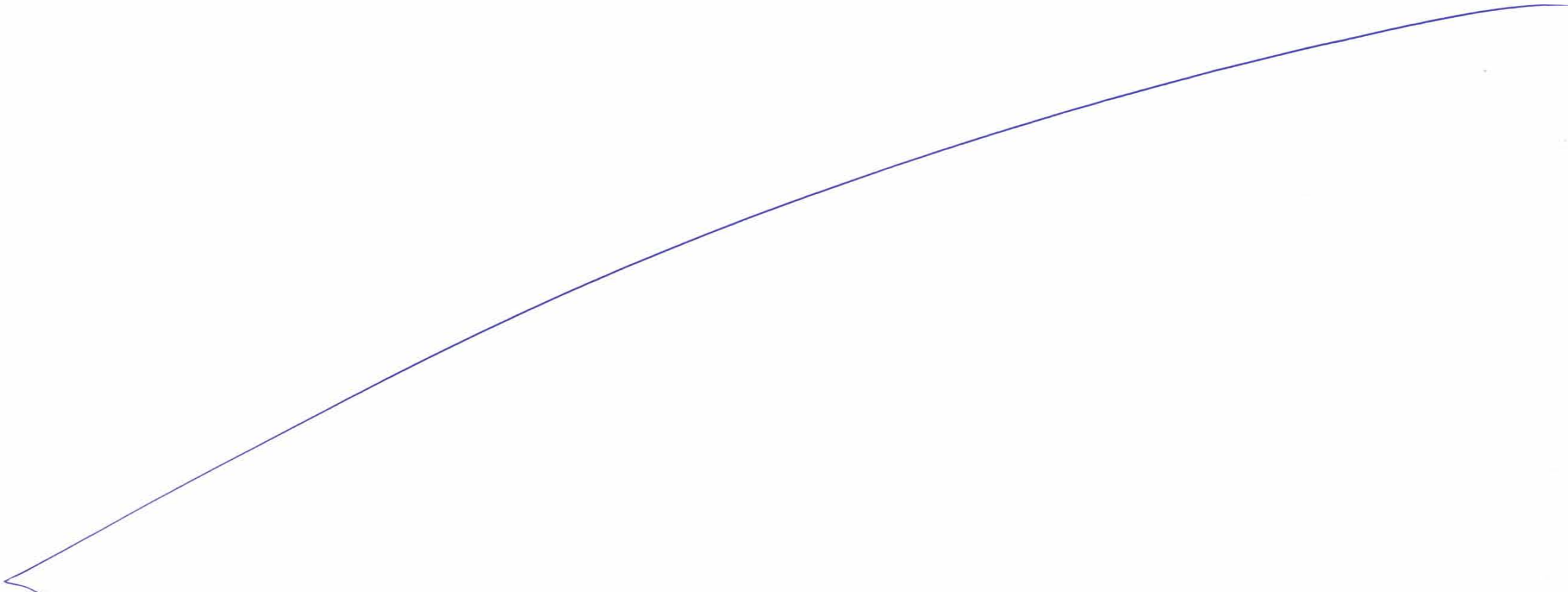
Typical Cross-Section of RAMP (2/3)
(Shivaji Nagar, Chirle Interchange)

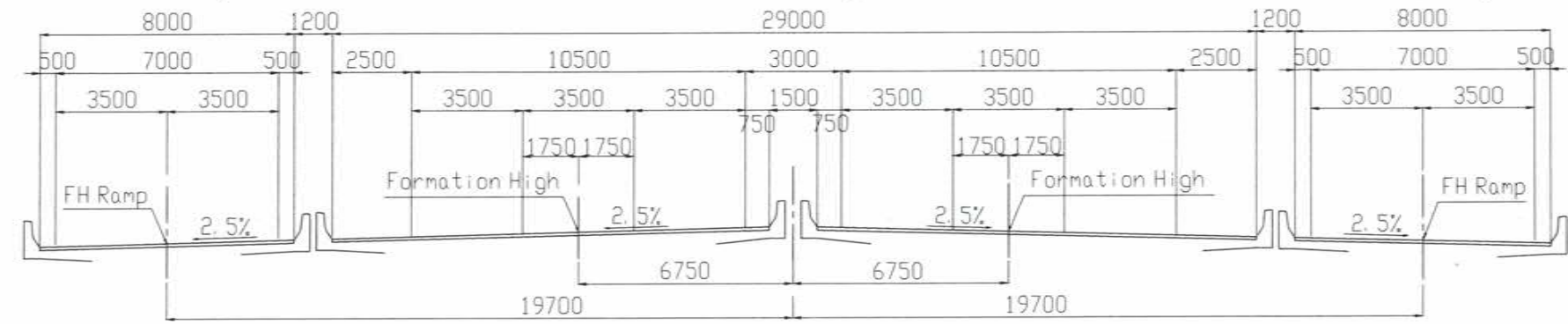
DATE

DRAWING NO.

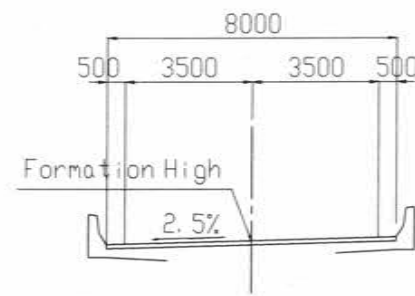
H-042

REV.

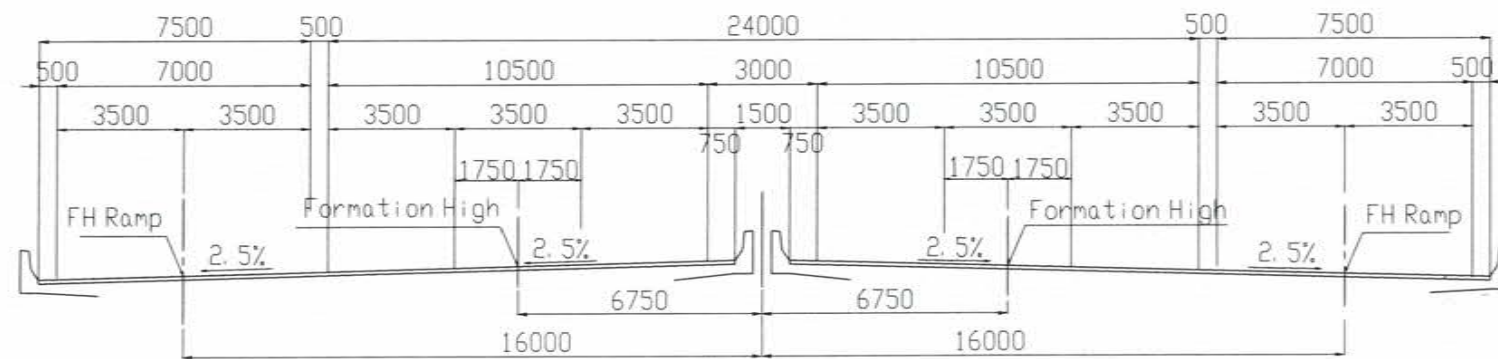




Interchange Nose Section



SH54 Interchange



Interchange Acceleration and Deceleration

SCALE 1:100 @ A1



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 -

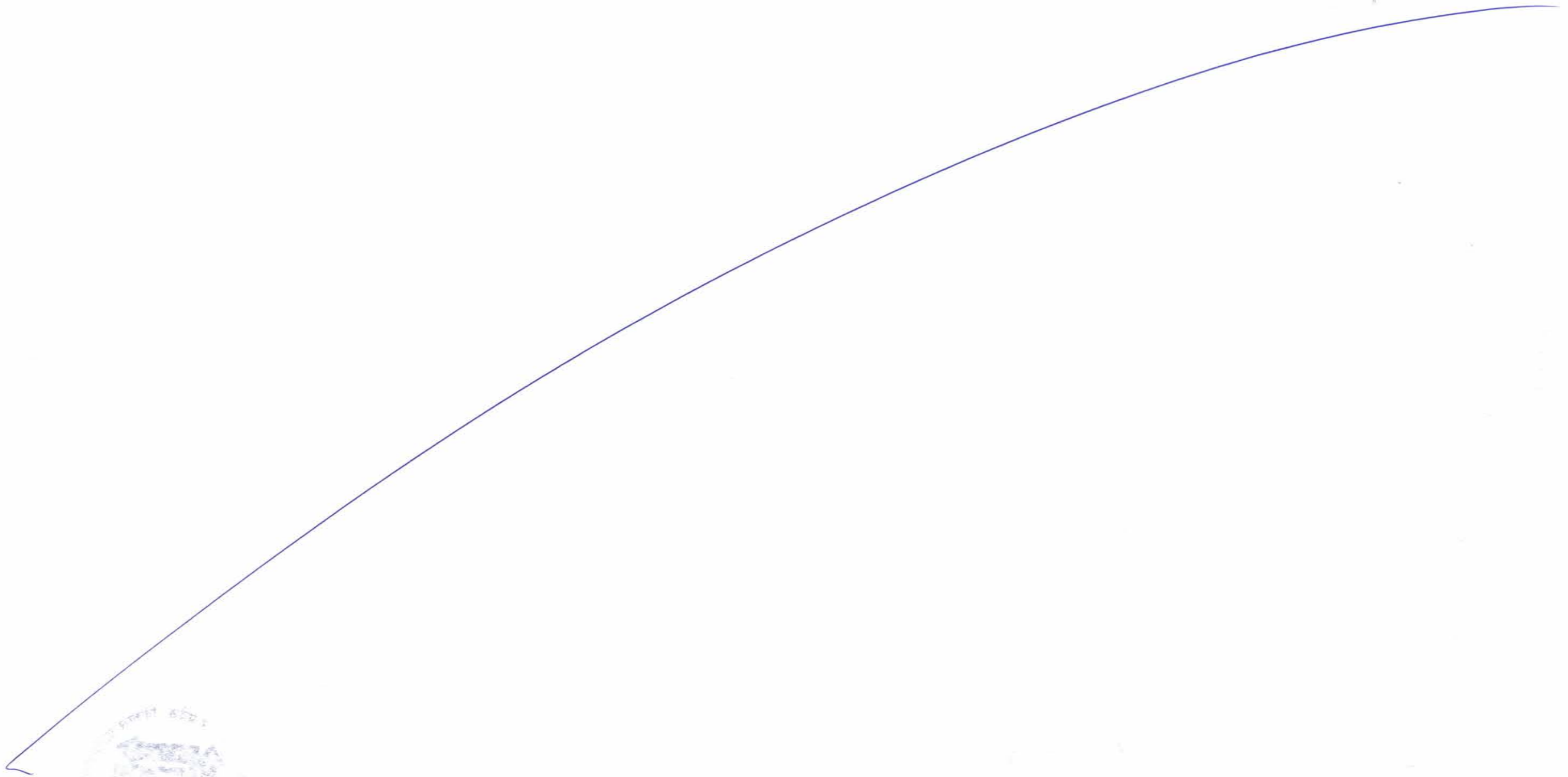
Typical Cross-Section of RAMP (3/3)
(SH54 Interchange)

DATE

DRAWING NO.

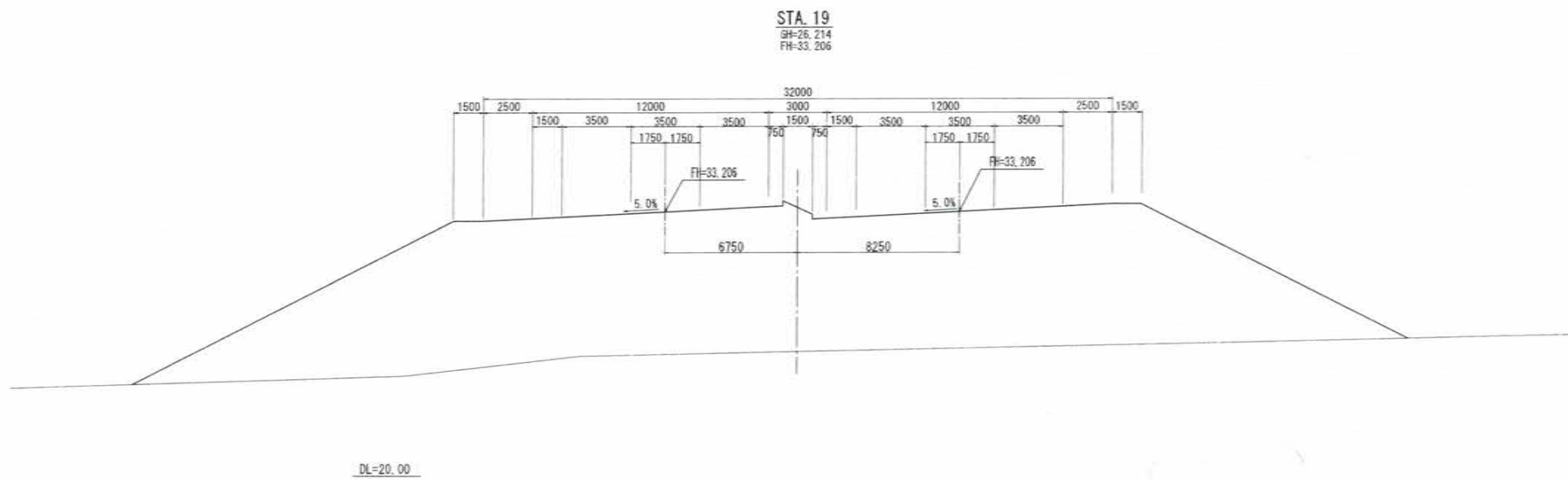
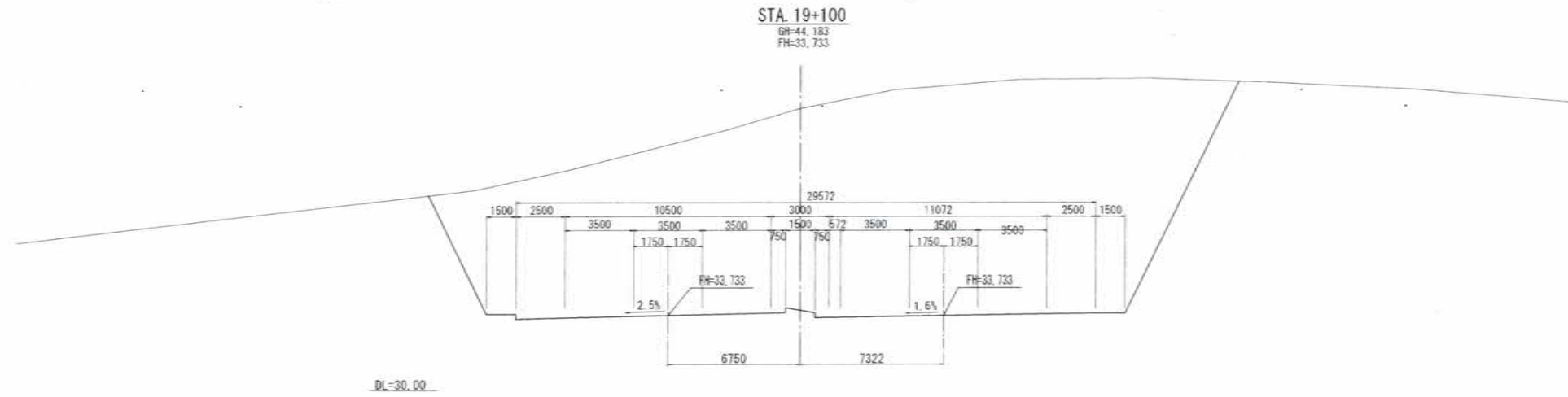
H-043

REV.



Cross-Section of Main Line (1/6)

1861



SCALE 1:150 @ A1



	NAME	SIGN
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APPROVED BY		



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE -

Cross-Section of Main Line (1/6)
19+000, 19+100

DATE

DRAWING NO.

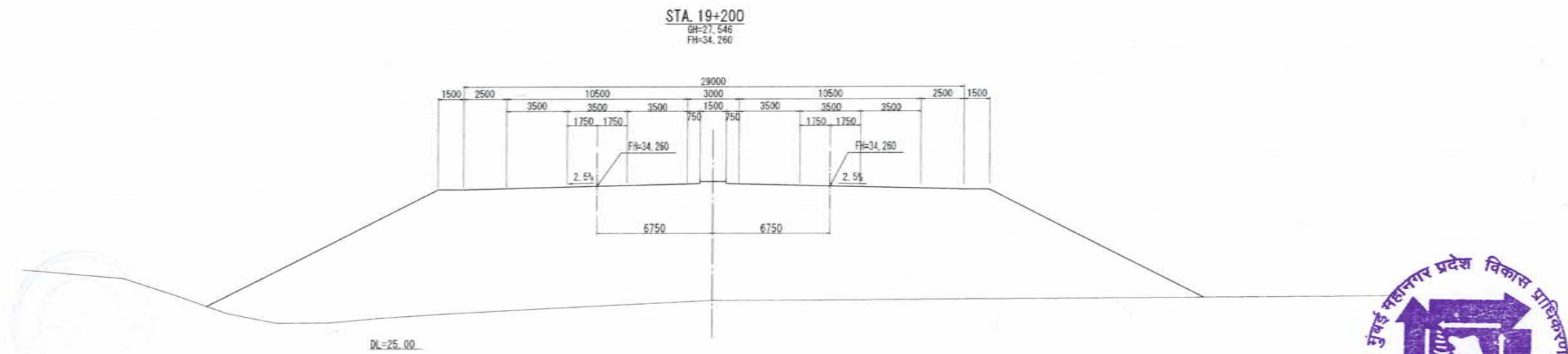
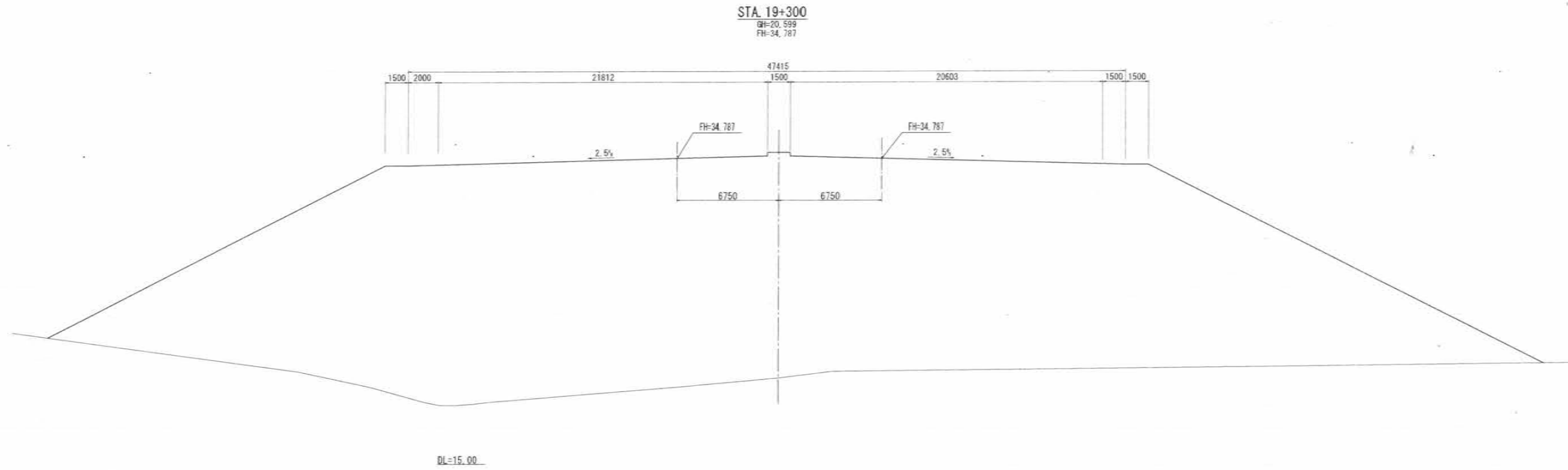
H-044

REV.

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Cross-Section of Main Line (2/6)



SCALE 1:150 @ A1

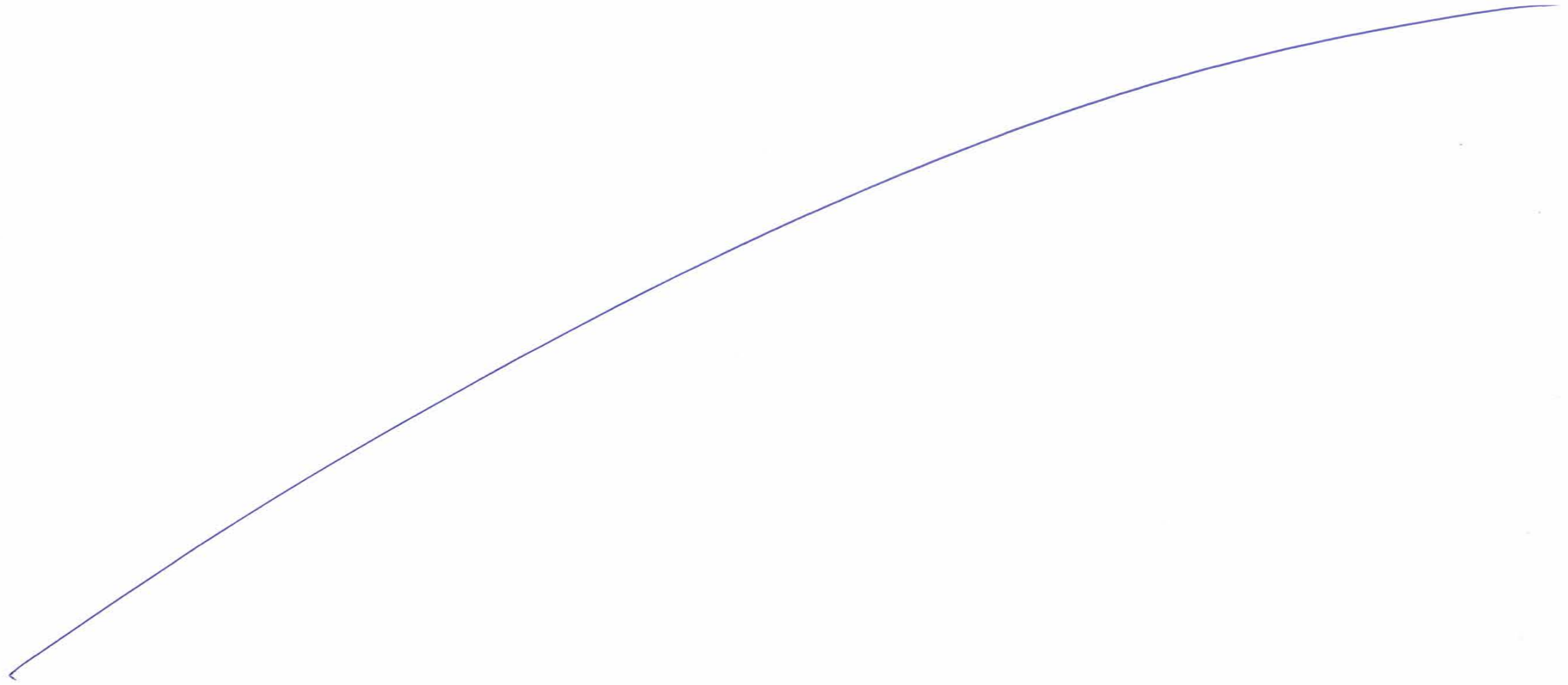


	NAME	SIGN
DRAWN BY		
CHECKED BY		
APPROVED BY		

 **MMRDA**
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

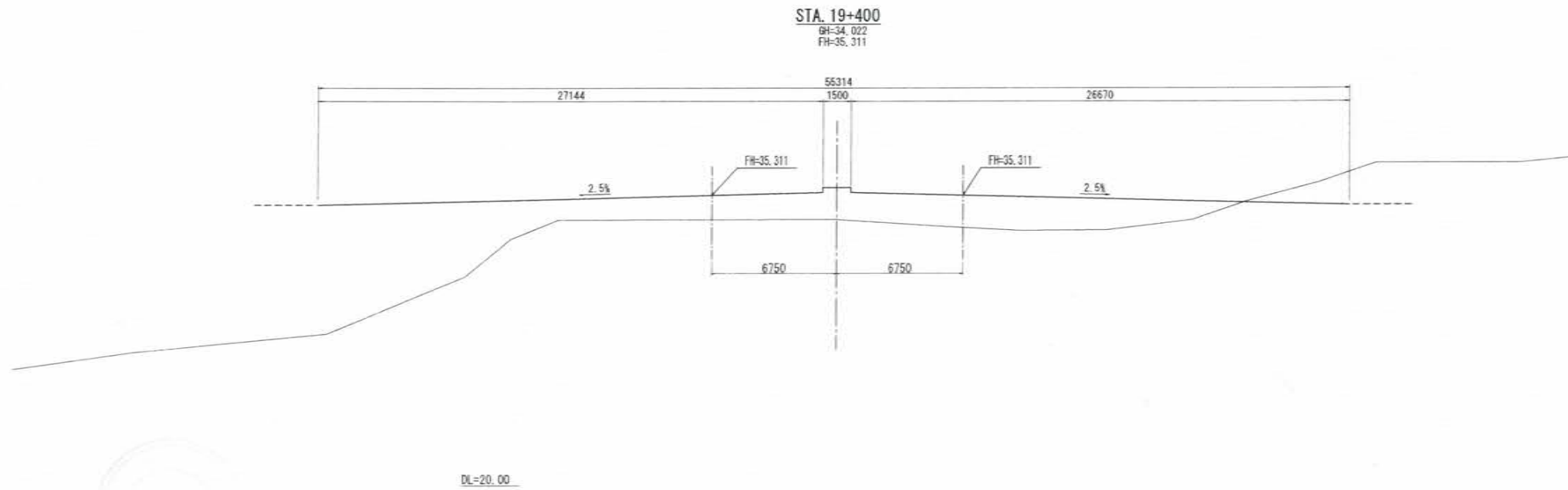
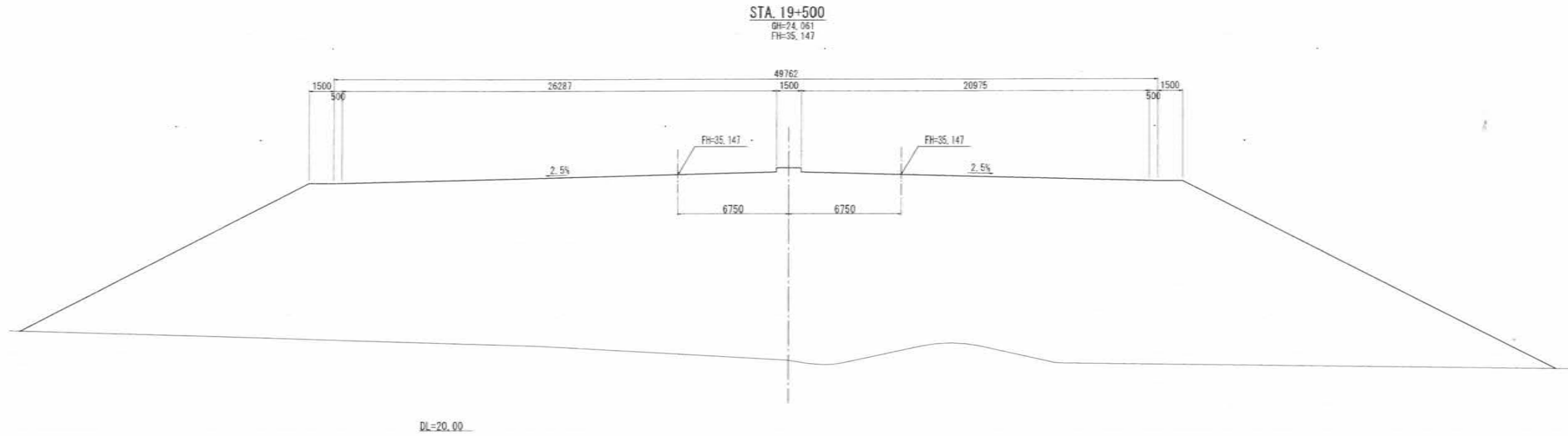
PROJECT -
**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

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



Cross-Section of Main Line (3/6)

1865



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 :-

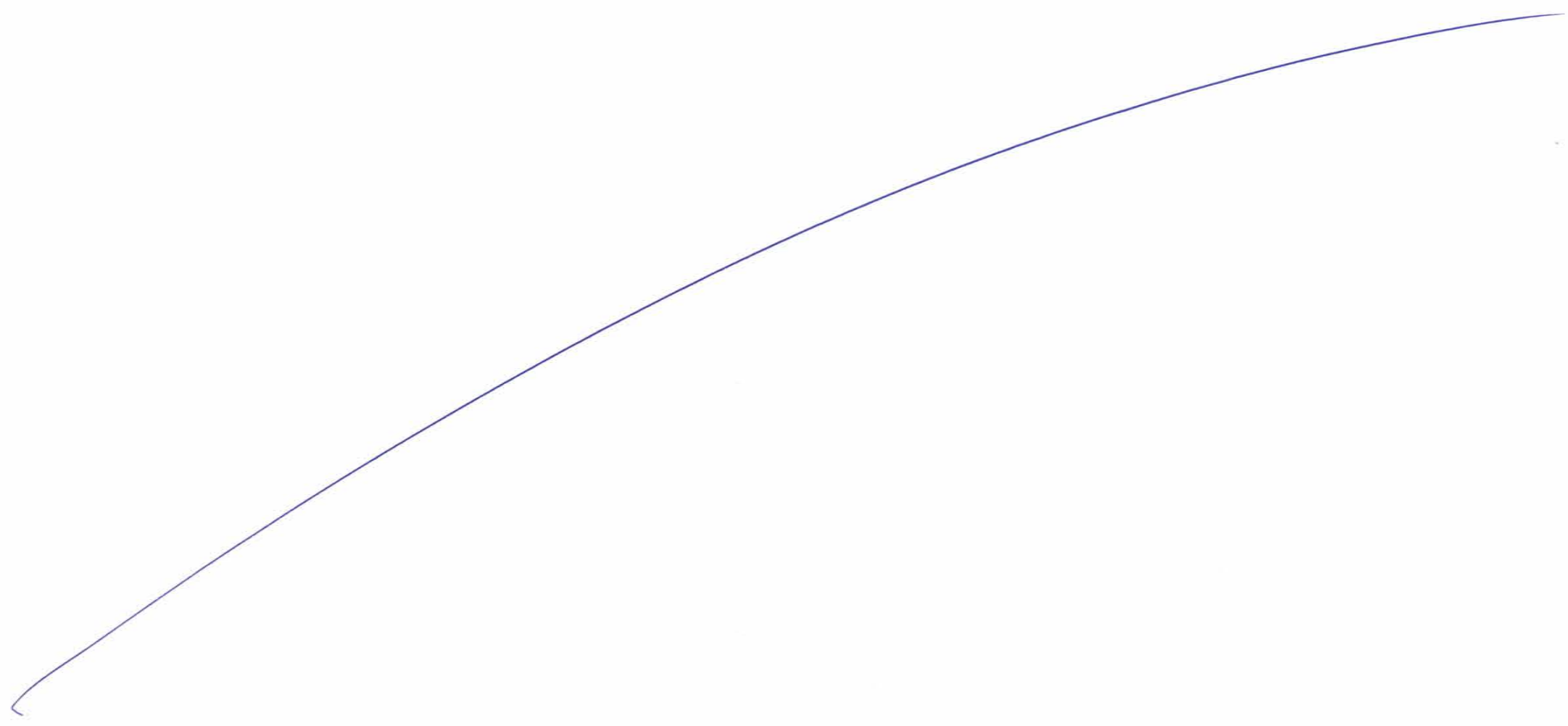
Cross-Section of Main Line (3/6)
 19+400, 19+500

DATE

DRAWING NO.

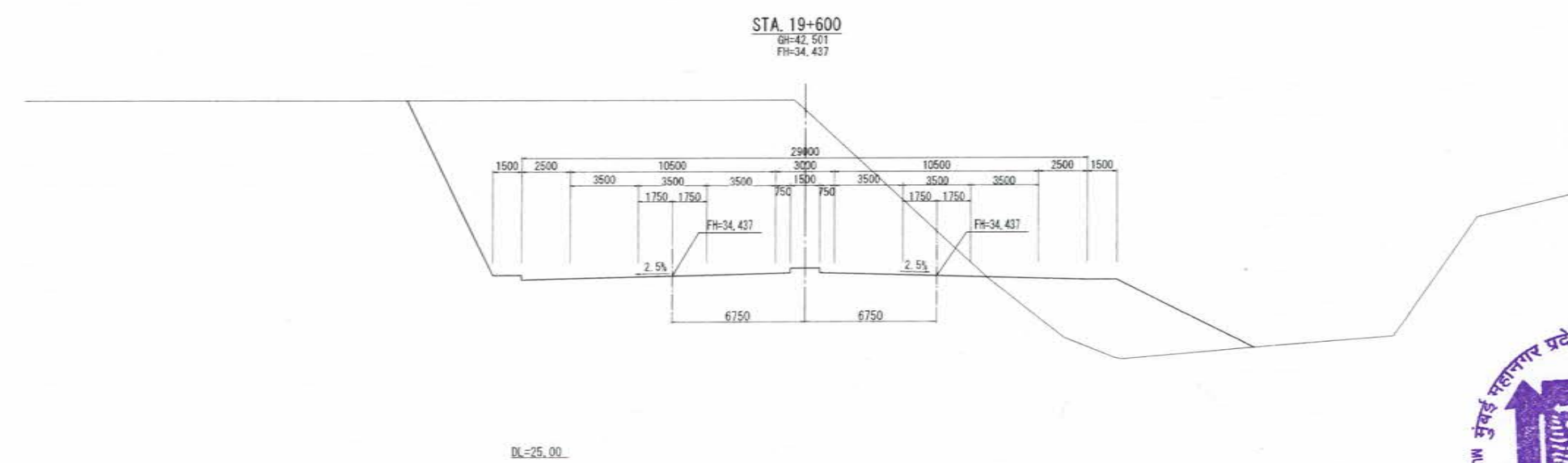
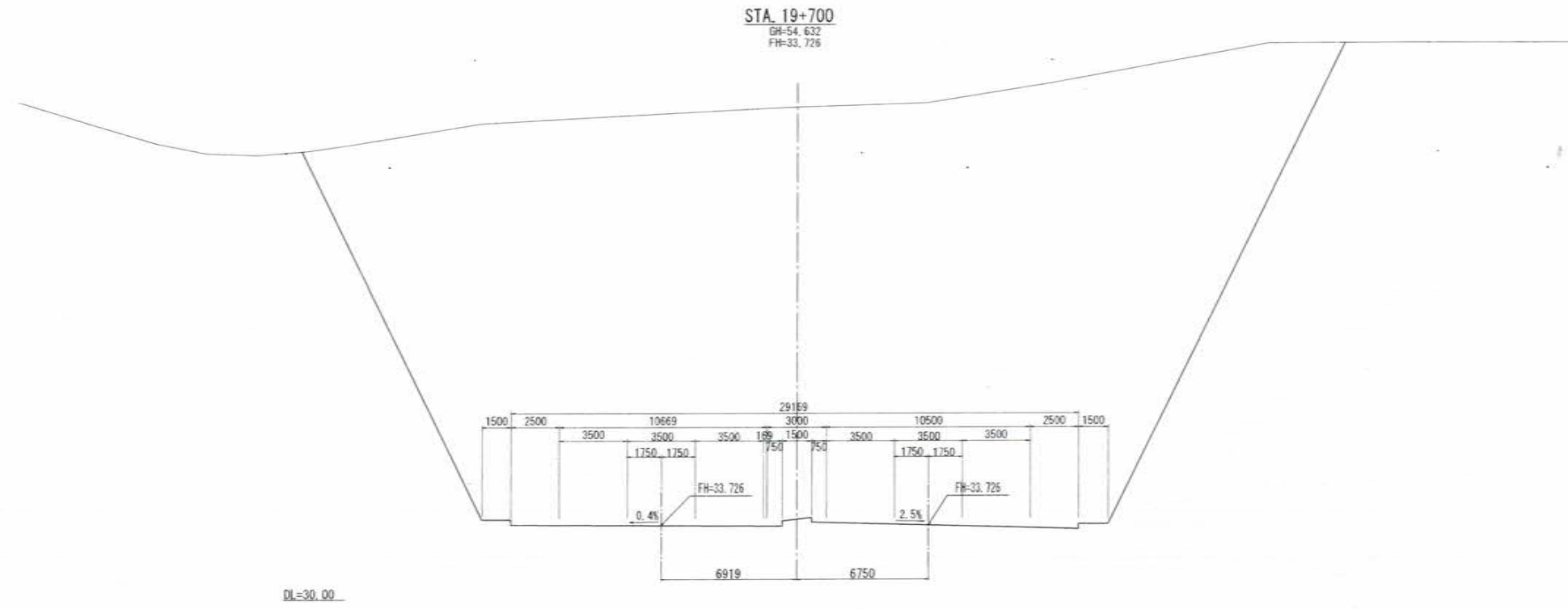
H-046

REV.



Cross-Section of Main Line(4/6)

1867



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**

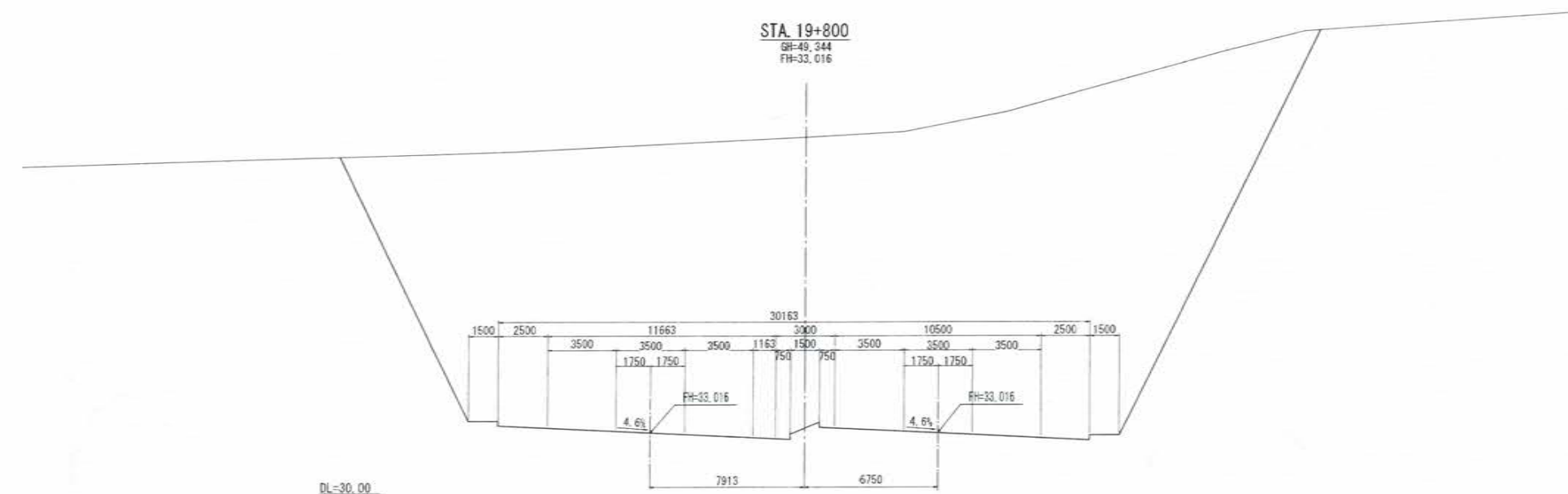
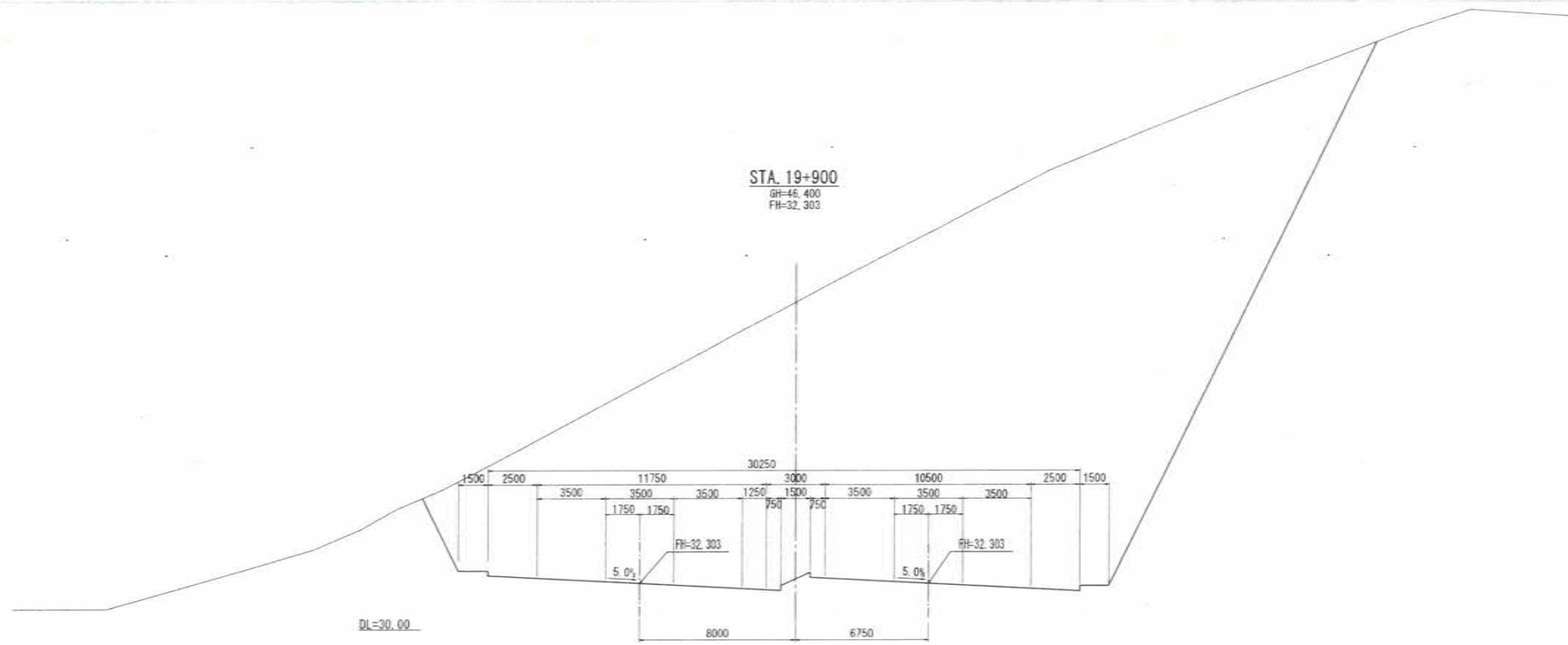
TITLE ->		
Cross-Section of Main Line(4/6) 19+600, 19+700		
DATE	DRAWING NO.	REV.
	H-047	

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Cross-Section of Main Line (5/6)

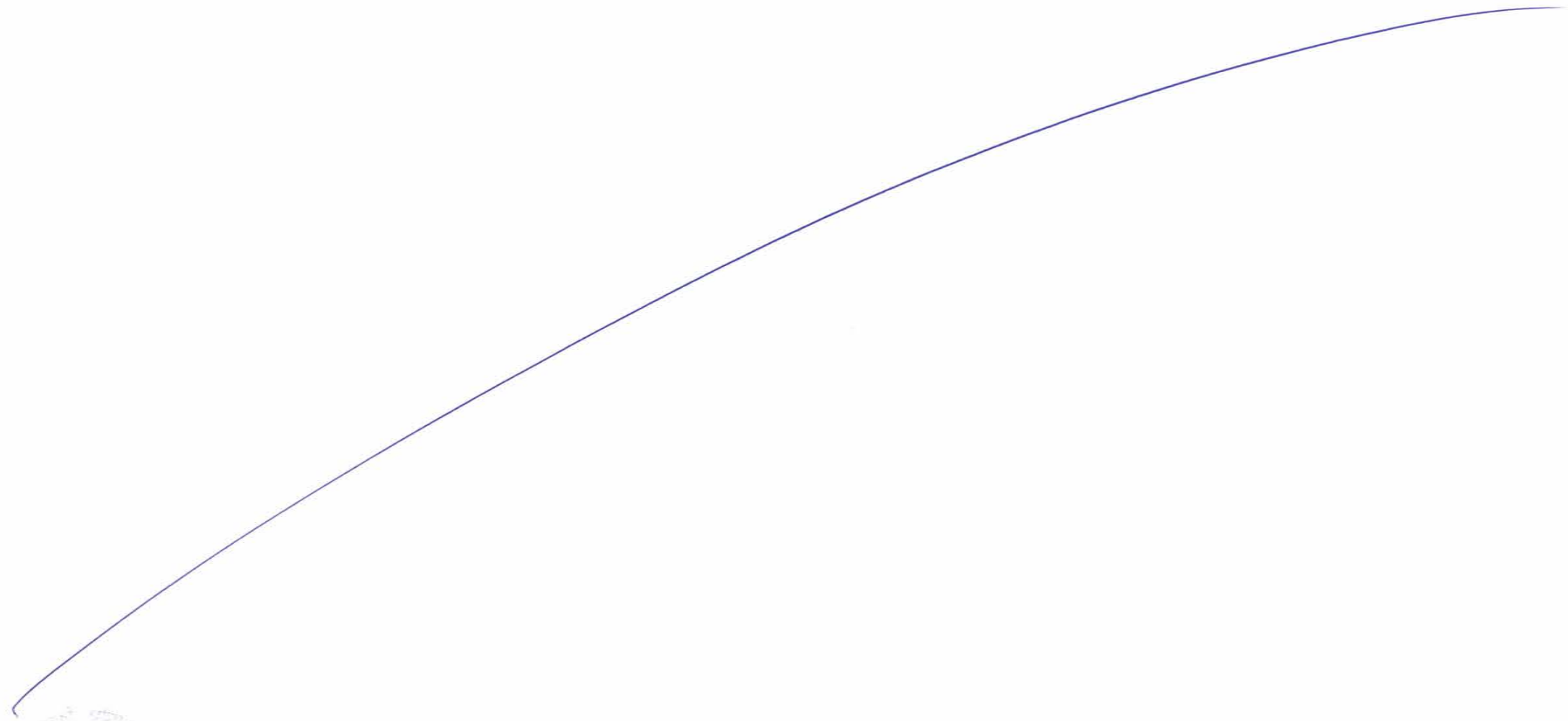
1869



SCALE 1:150 @ A1

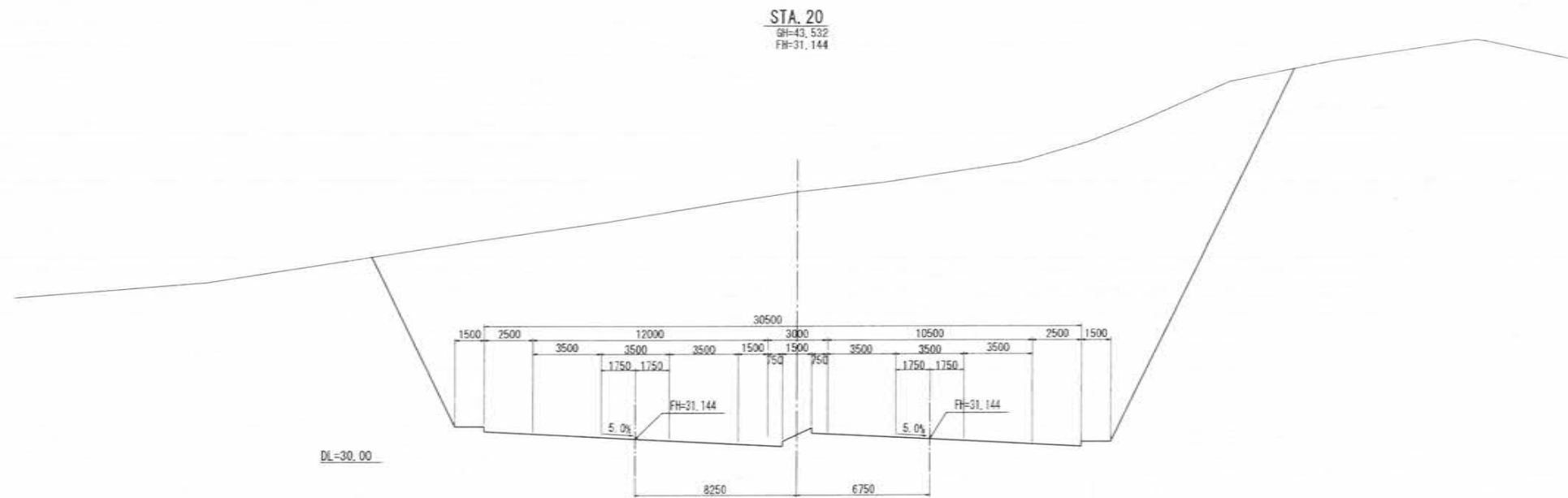


DRAWN BY		SIGN		 MMRDA MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY	PROJECT - MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS	TITLE -		Cross-Section of Main Line (5/6) 19+800, 19+900	
CHECKED BY						DATE	DRAWING NO.	H-048	REV.
APPROVED BY									



Cross-Section of Main Line (6/6)

1871



SCALE 1:150 @ A1



	NAME	SIGN
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CHECKED BY		
APPROVED BY		



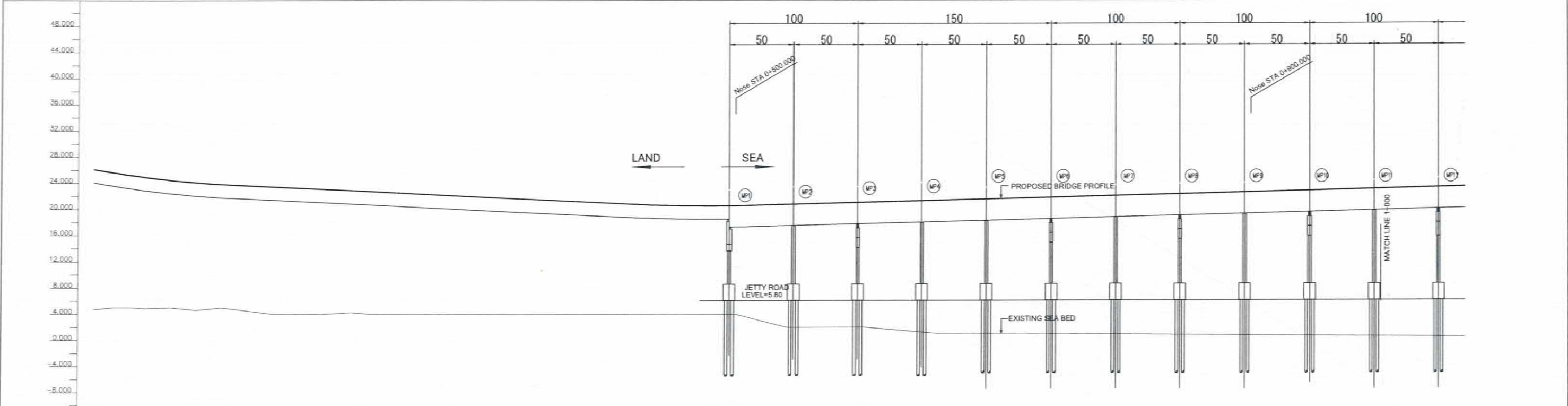
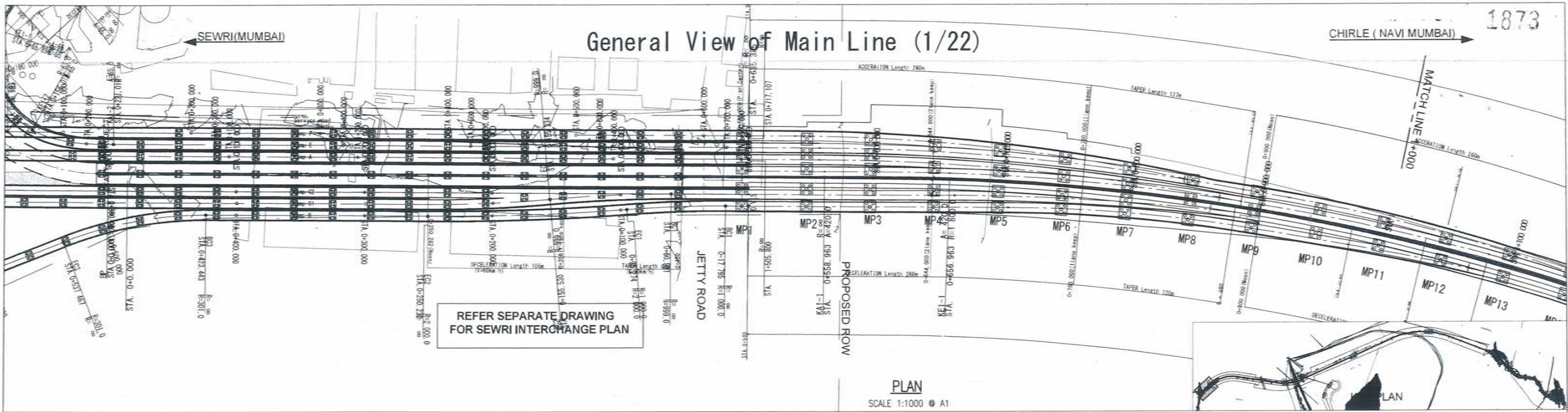
MMRDA
 MUMBAI METROPOLITAN REGION
 DEVELOPMENT AUTHORITY

PROJECT :-

**MUMBAI TRANS HARBOUR LINK PROJECT
 TENDER DRAWINGS**

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





CHAINAGE	HORIZONTAL	VERTICAL	EXISTING BED GROUND LVL	FINISH ROAD LVL
BP		-6.074	4.6976.074	4.6976.074
0+20			5.0025.433	5.0025.433
+40			4.8374.880	4.8374.880
+72.25		24.185	4.8724.429	4.8724.429
+80			4.6154.057	4.6154.057
+100			5.0023.787	5.0023.787
+120			4.5023.592	4.5023.592
+140			4.0023.402	4.0023.402
+160			4.0023.213	4.0023.213
+180			4.0023.024	4.0023.024
+200			4.2542.835	4.2542.835
+220			4.0022.646	4.0022.646
+240			4.0022.456	4.0022.456
+260			4.0022.267	4.0022.267
+280			4.0022.078	4.0022.078
+300			4.0021.889	4.0021.889
+320			4.0021.700	4.0021.700
+340			4.0021.510	4.0021.510
+360			4.0021.321	4.0021.321
+380			4.0021.132	4.0021.132
+400			4.0020.943	4.0020.943
+420			4.0020.756	4.0020.756
+440			4.0020.562	4.0020.562
+460			4.0020.377	4.0020.377
+480			4.0020.199	4.0020.199
+500			4.0020.030	4.0020.030
+520			3.0020.616	3.0020.616
+540			2.0020.716	2.0020.716
+560			2.0020.816	2.0020.816
+580			2.0020.916	2.0020.916
+600			2.0021.017	2.0021.017
+620			1.64921.117	1.64921.117
+640			1.29821.217	1.29821.217
+660			1.0021.317	1.0021.317
+680			1.0021.417	1.0021.417
+700			1.0021.518	1.0021.518
+720			1.0021.618	1.0021.618
+740			0.95921.718	0.95921.718
+760			0.93821.818	0.93821.818
+780			0.90621.919	0.90621.919
+800			0.87522.019	0.87522.019
+820			0.84422.119	0.84422.119
+840			0.81322.219	0.81322.219
+860			0.7822.319	0.7822.319
+880			0.7522.420	0.7522.420
+900			0.7122.520	0.7122.520
+920			0.6822.620	0.6822.620
+940			0.6522.720	0.6522.720
+960			0.6222.820	0.6222.820
+980			0.59422.921	0.59422.921
+1000			0.56323.021	0.56323.021
+1020			0.53223.121	0.53223.121
+1040			0.50023.221	0.50023.221
+1060			0.46923.321	0.46923.321

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

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

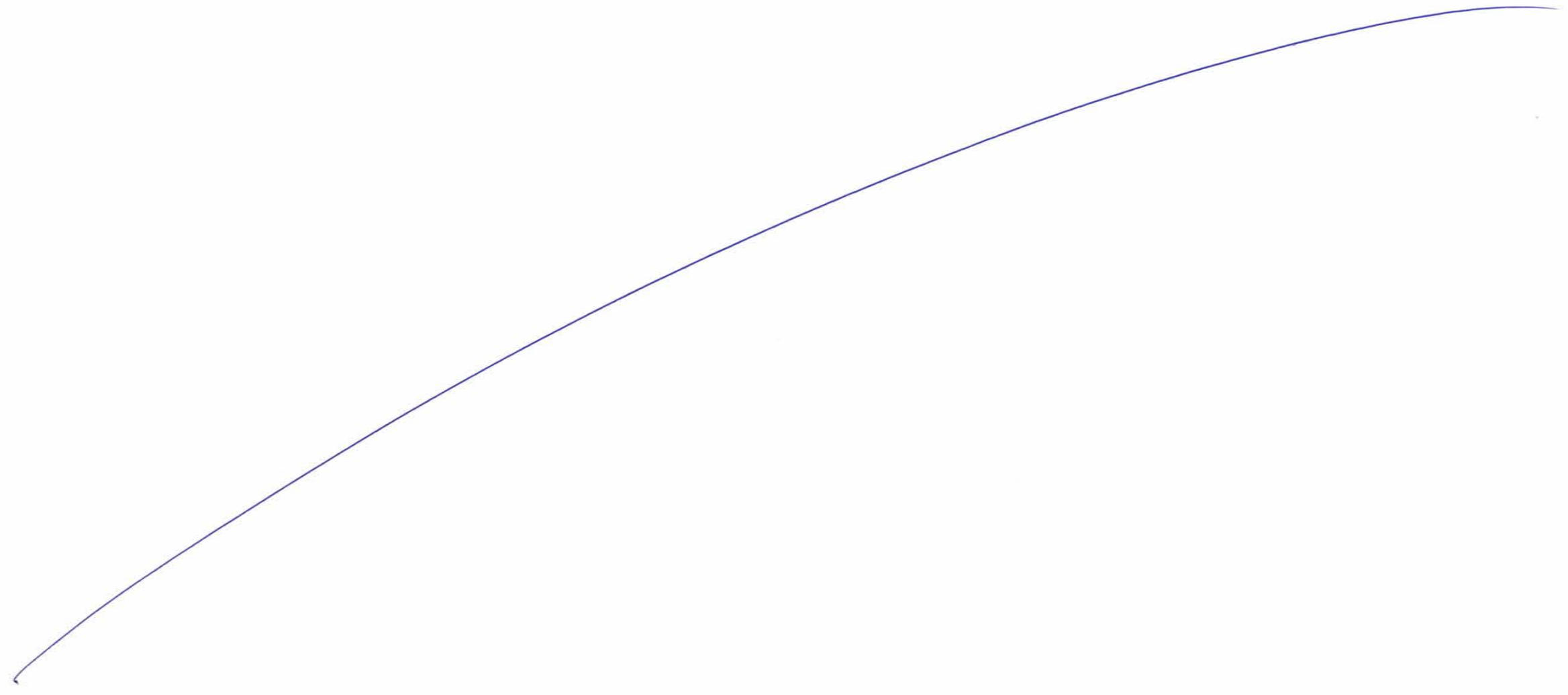


PROJECT - MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

REGIONAL DEVELOPMENT AUTHORITY

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

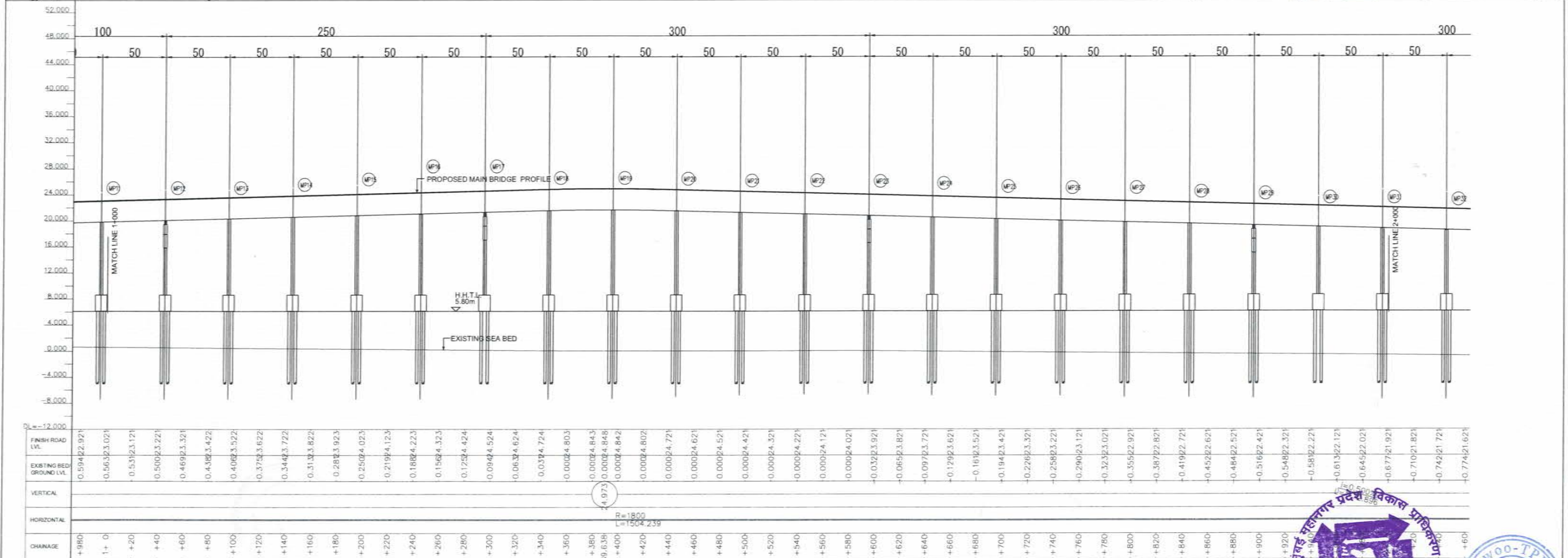
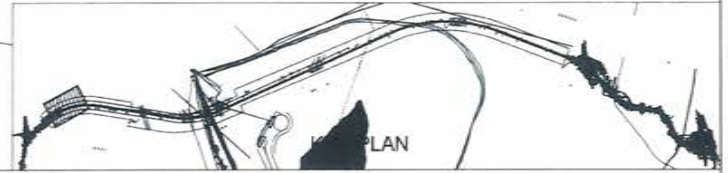
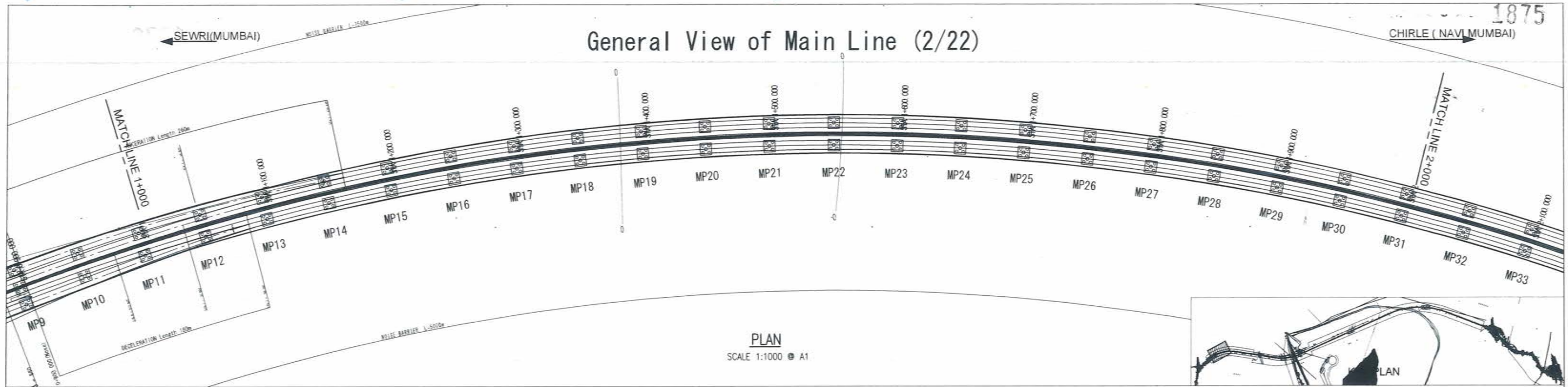
DATE: _____ DRAWING NO. B-001 REV. _____



General View of Main Line (2/22)

SEWRI (MUMBAI)

CHIRLE (NAVI MUMBAI)



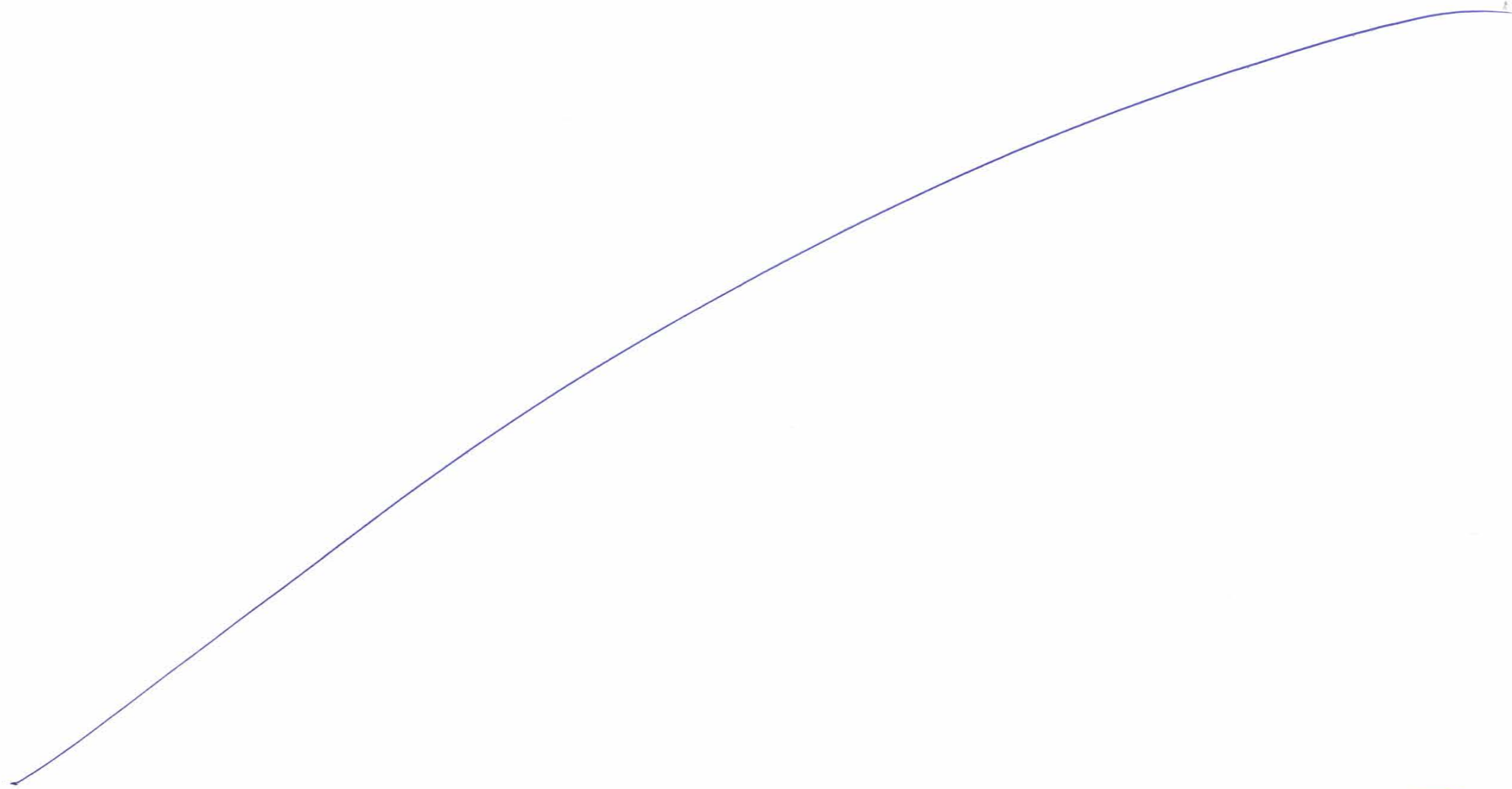
NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



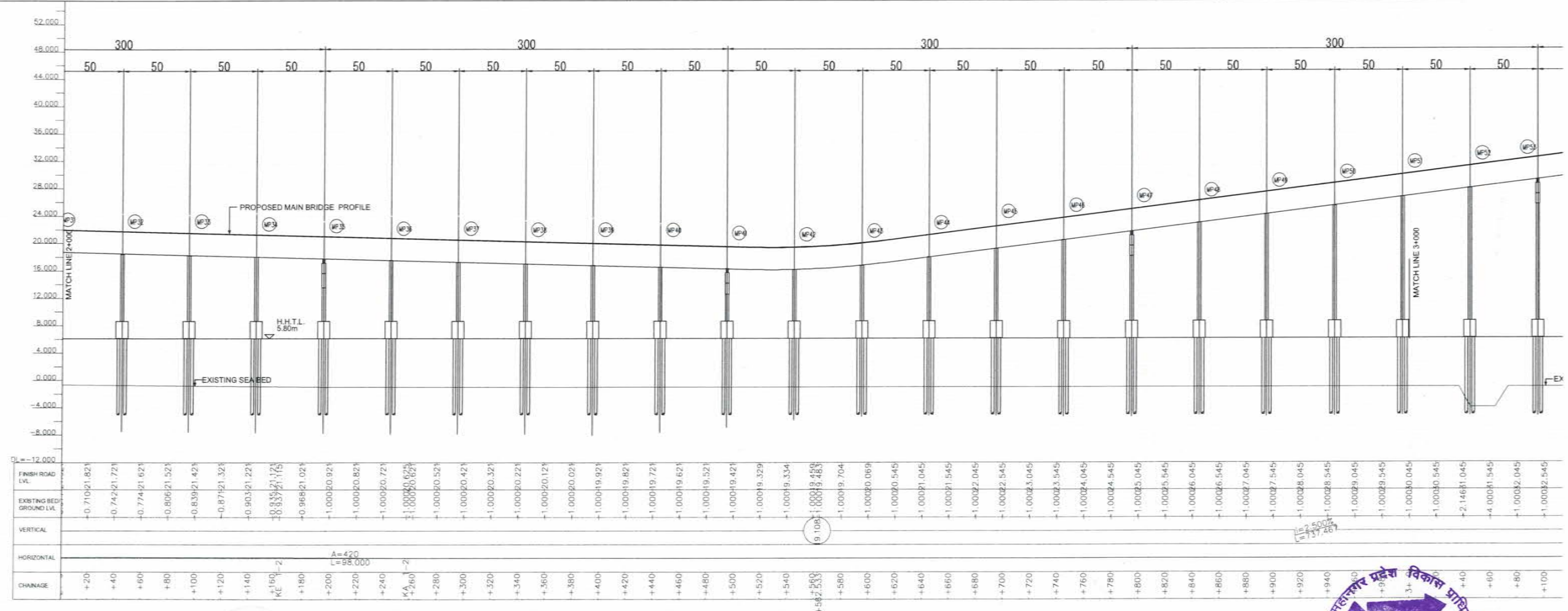
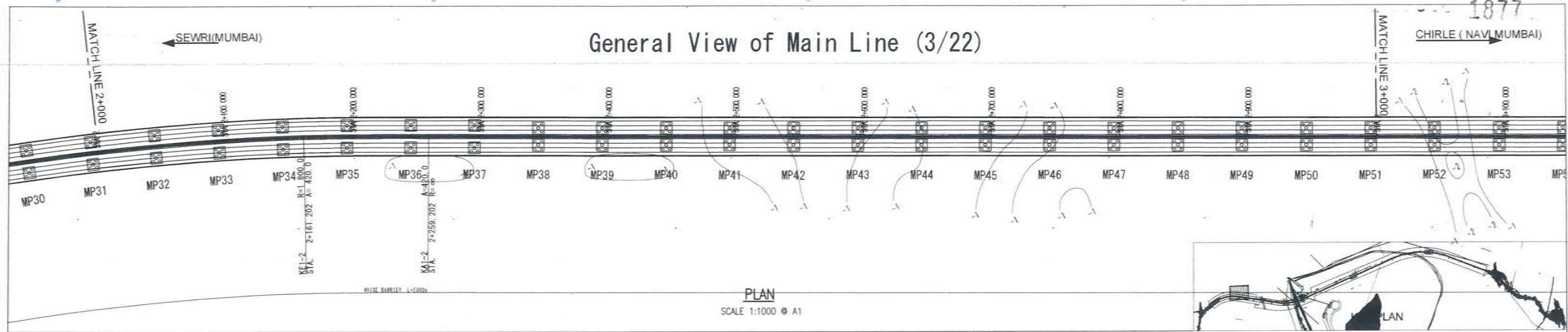
PROJECT :-
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

TITLE :- General View of Main Line (2/22) FROM CH 1+000 TO CH 2+000	DATE	DRAWING NO. B-002	REV.
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General View of Main Line (3/22)



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

NAME	SIGN



PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT

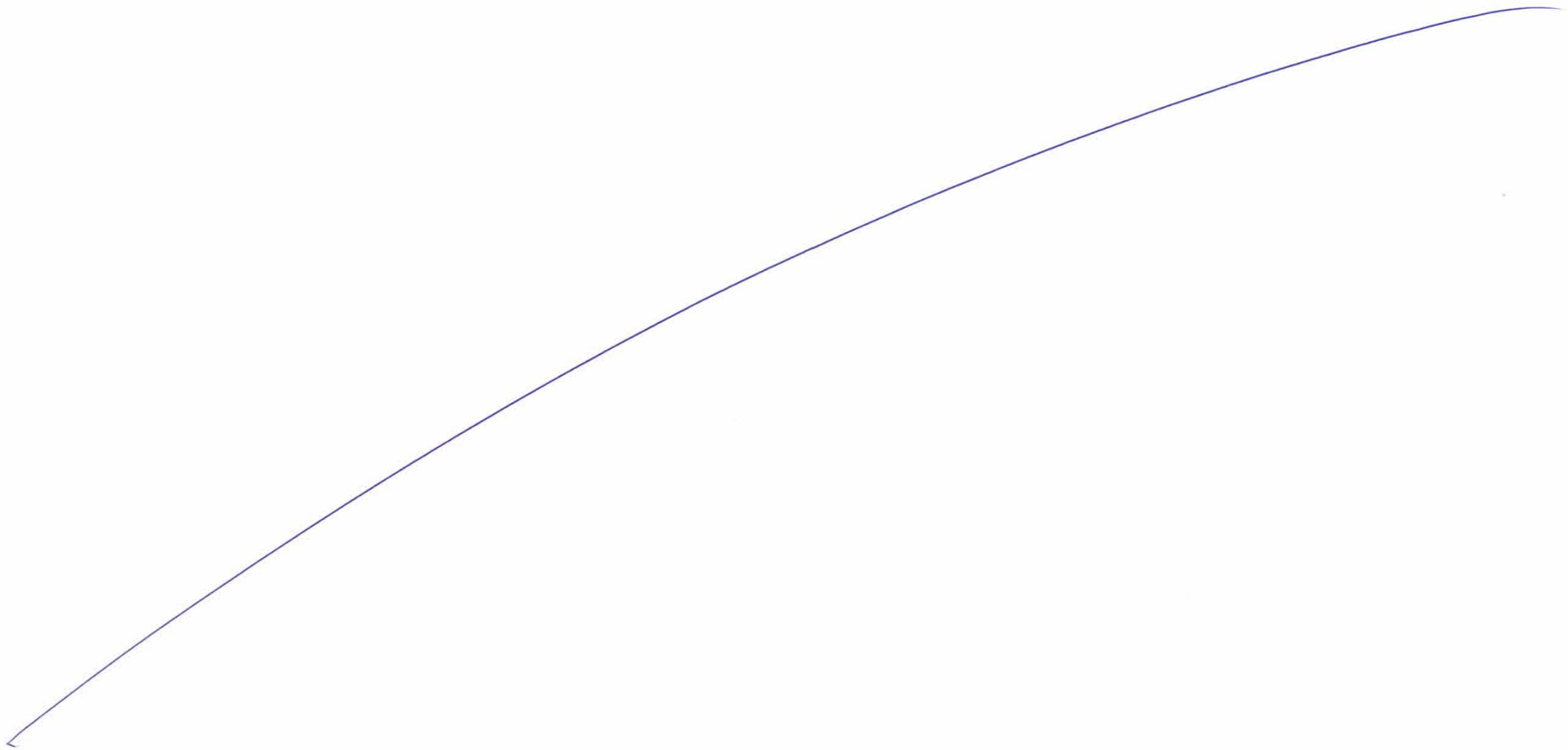
TENDER DRAWINGS

TITLE -

General View of Main Line (3/22)
FROM CH 2+000 TO CH 3+000

DATE: DRAWING NO. B-003 REV.

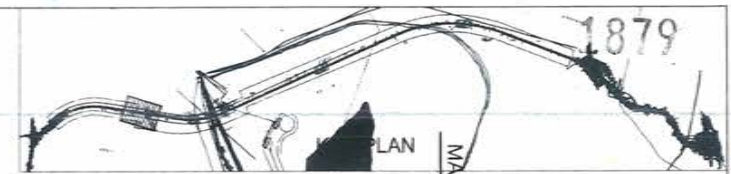




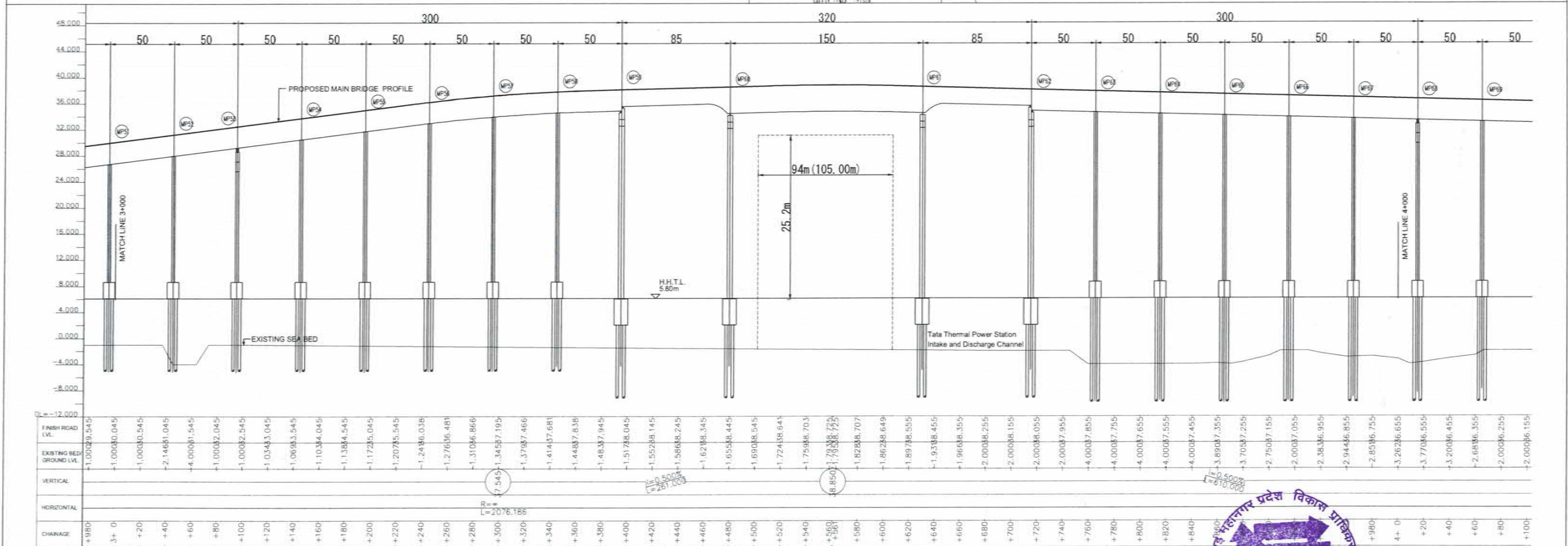
General View of Main Line (4/22)

CHIRLE (NAV MUMBAI)

SEWRI (MUMBAI)



PLAN
SCALE H=1:1000 @ A1



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

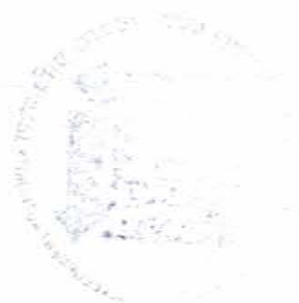
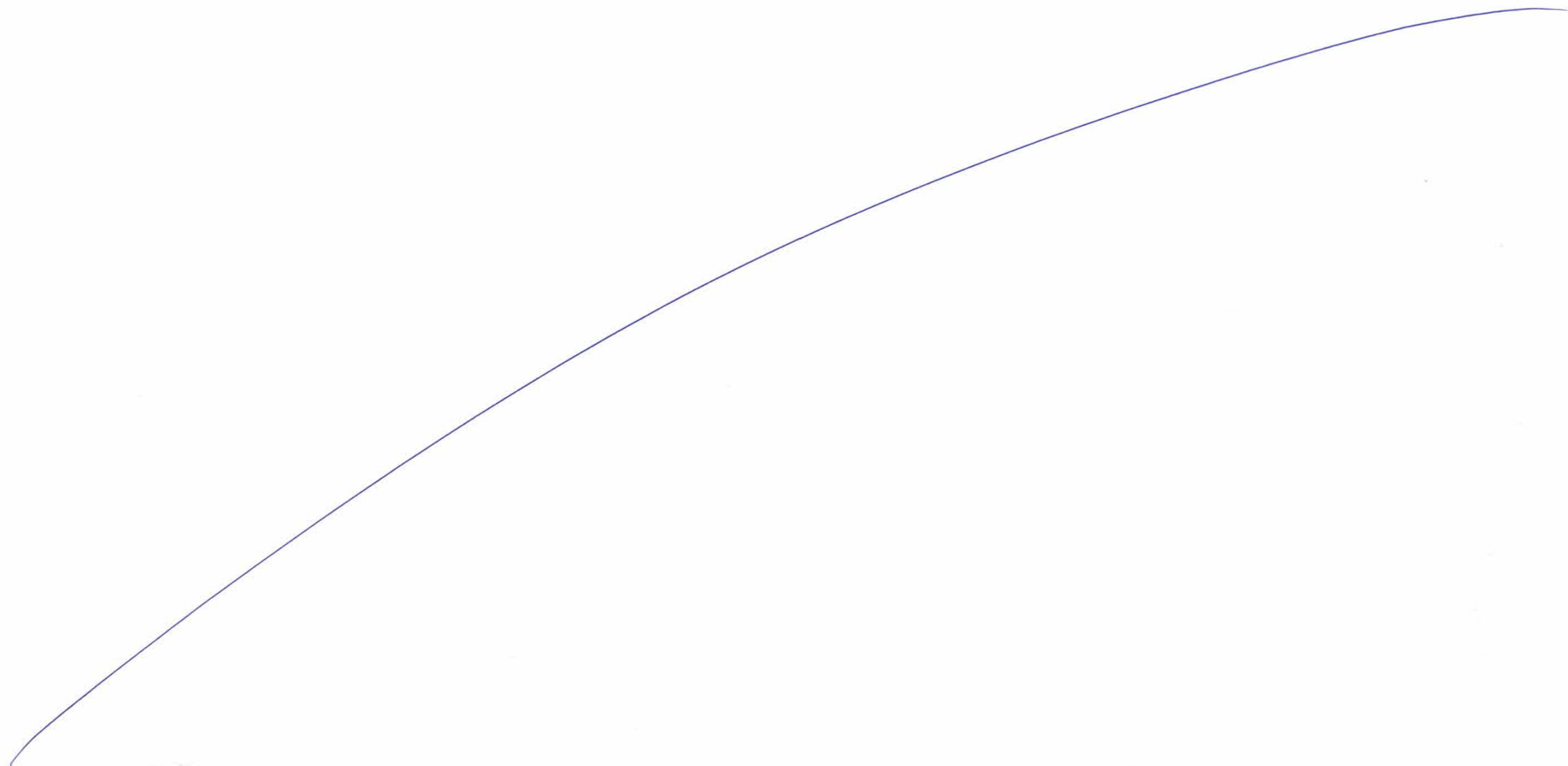
NAME	SIGN
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APPROVED BY	



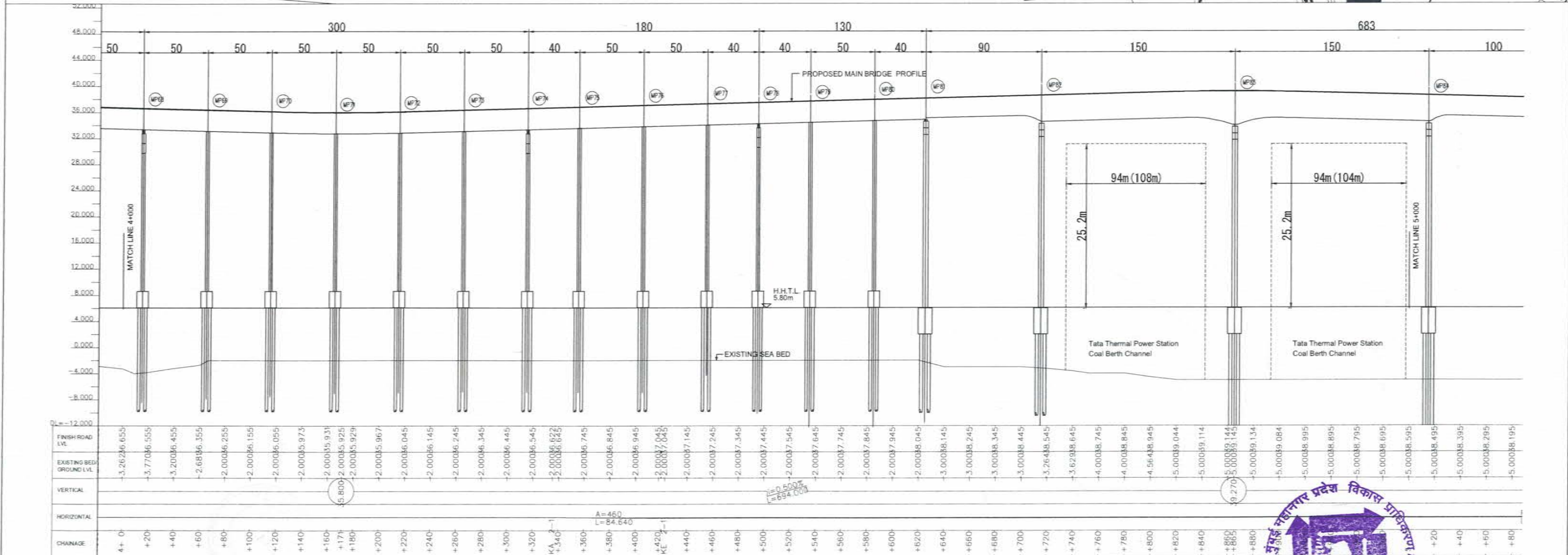
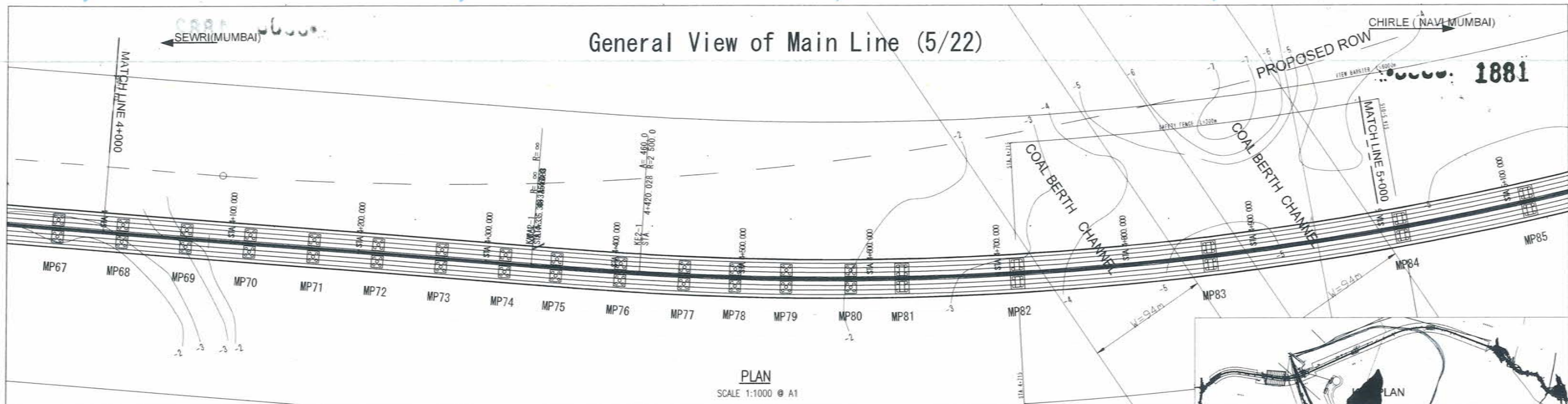
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



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



General View of Main Line (5/22)

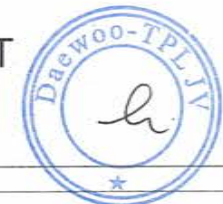


PROFILE
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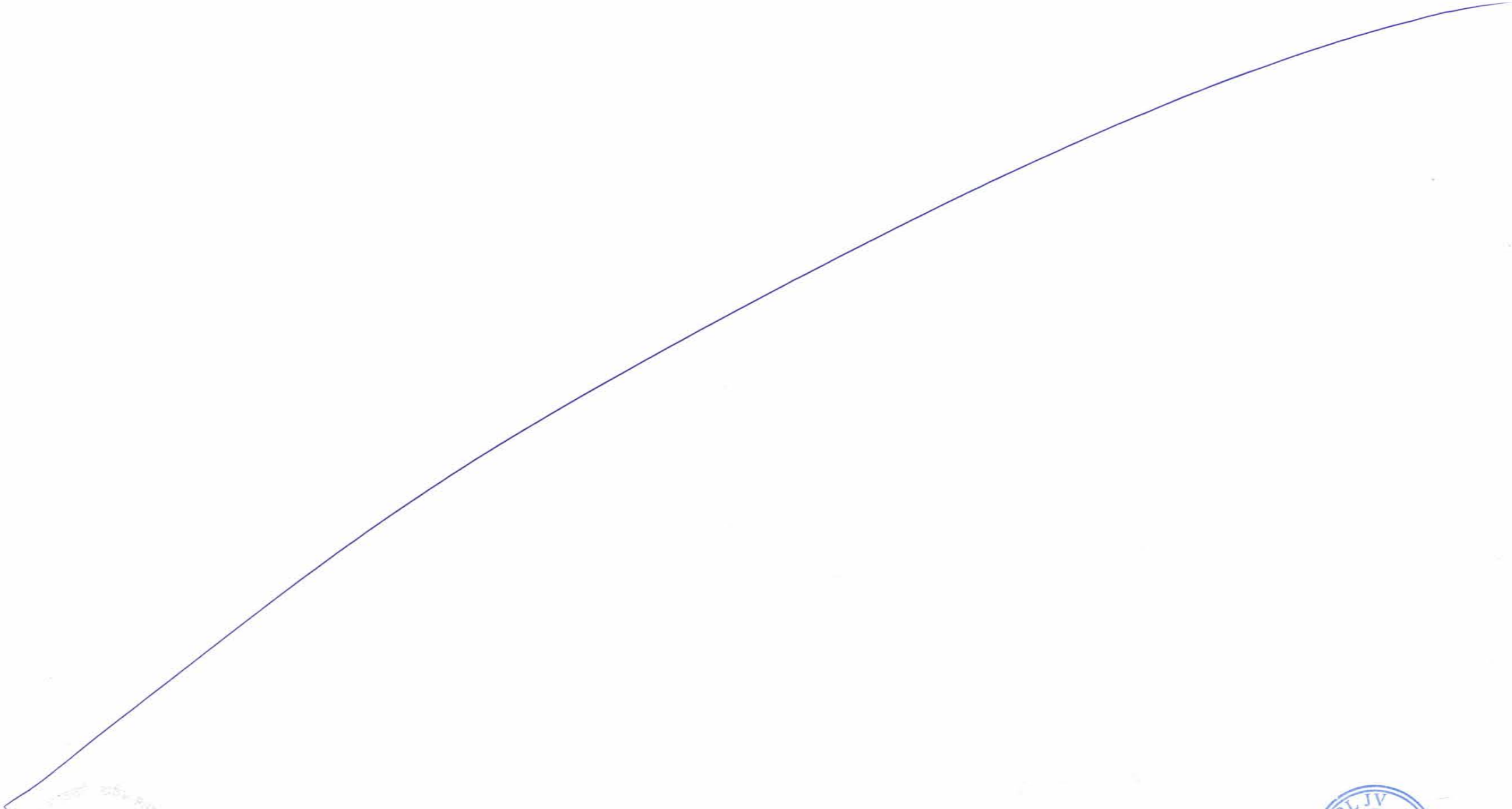
NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

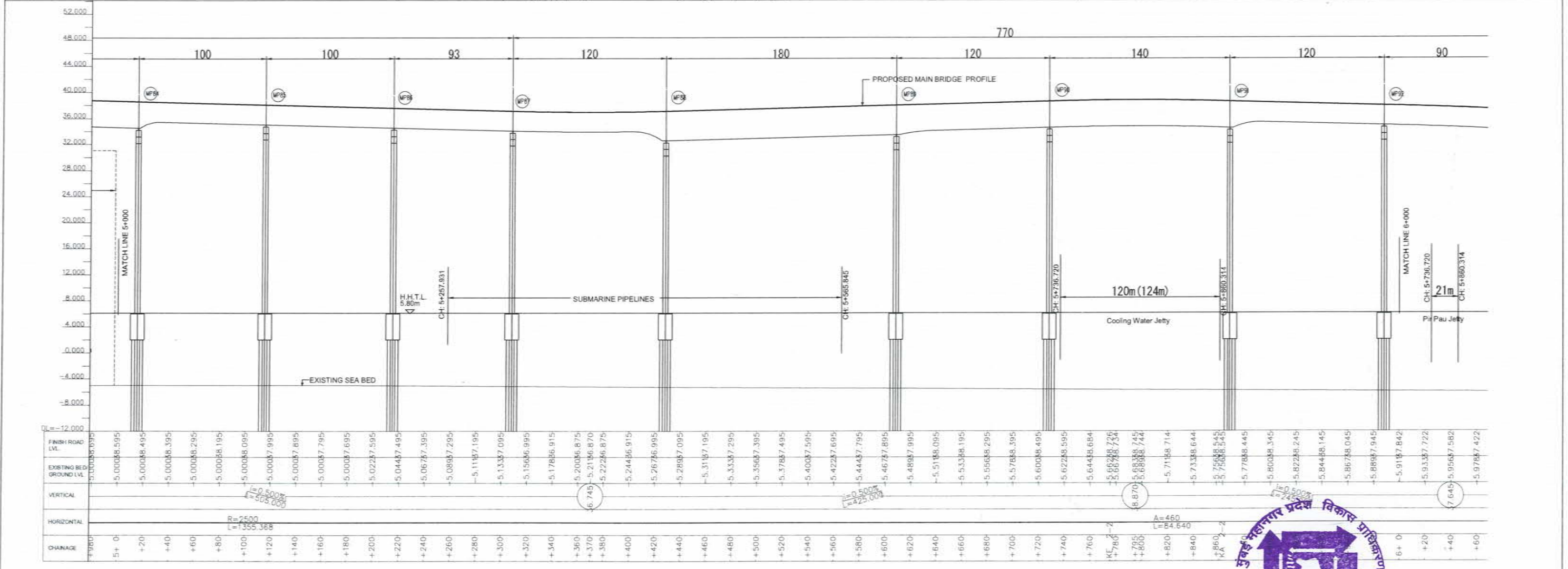
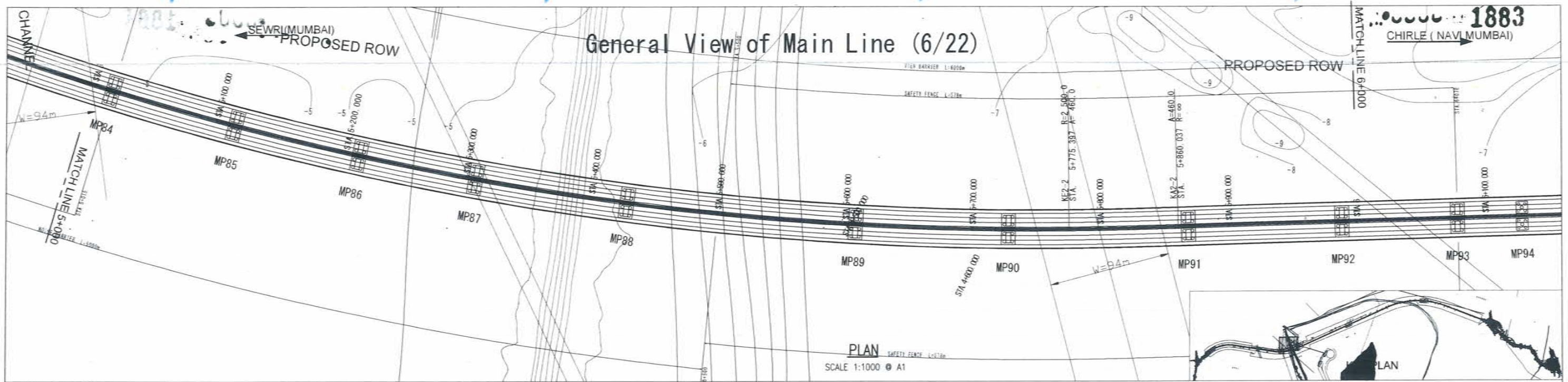


PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

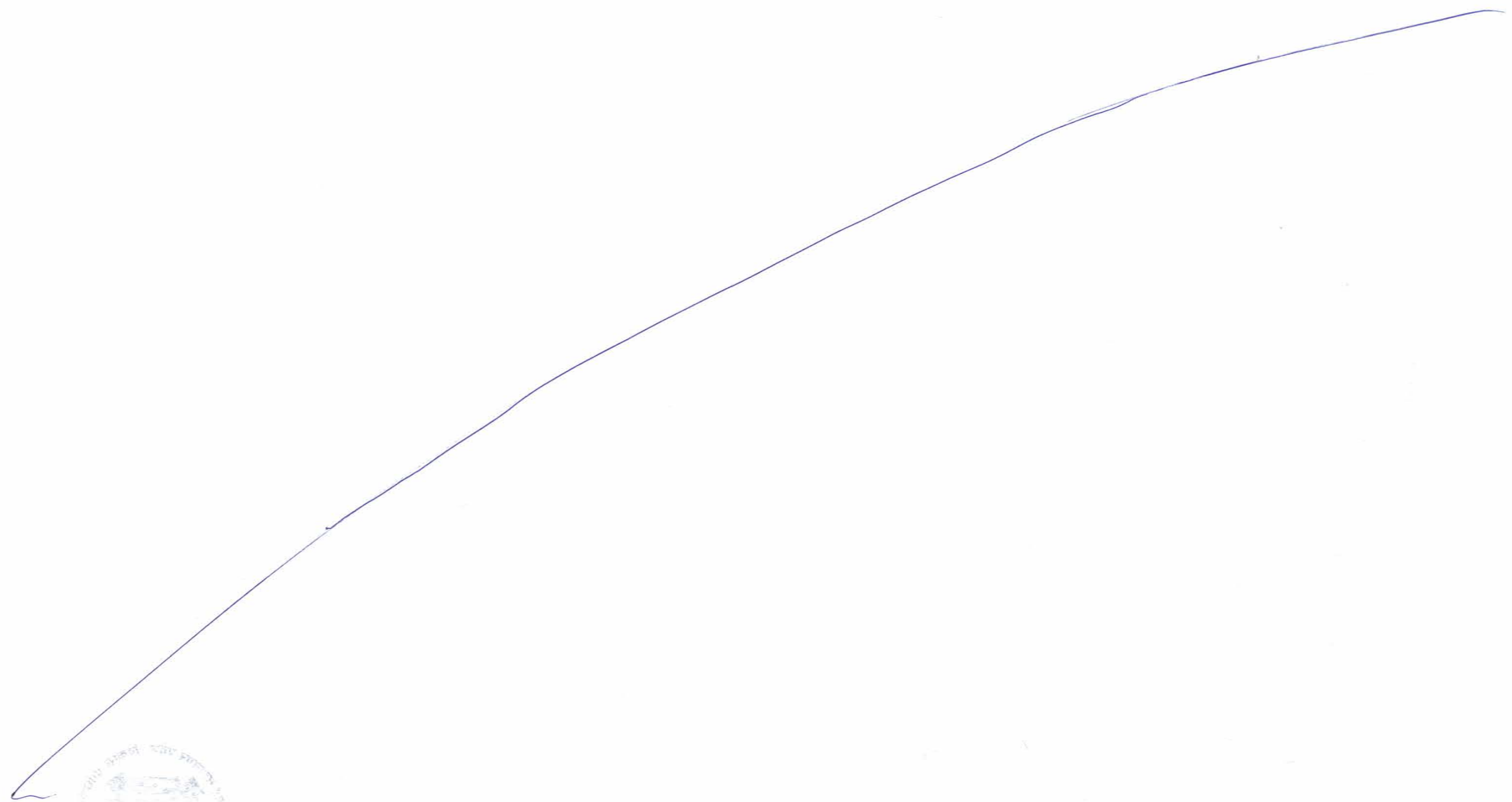


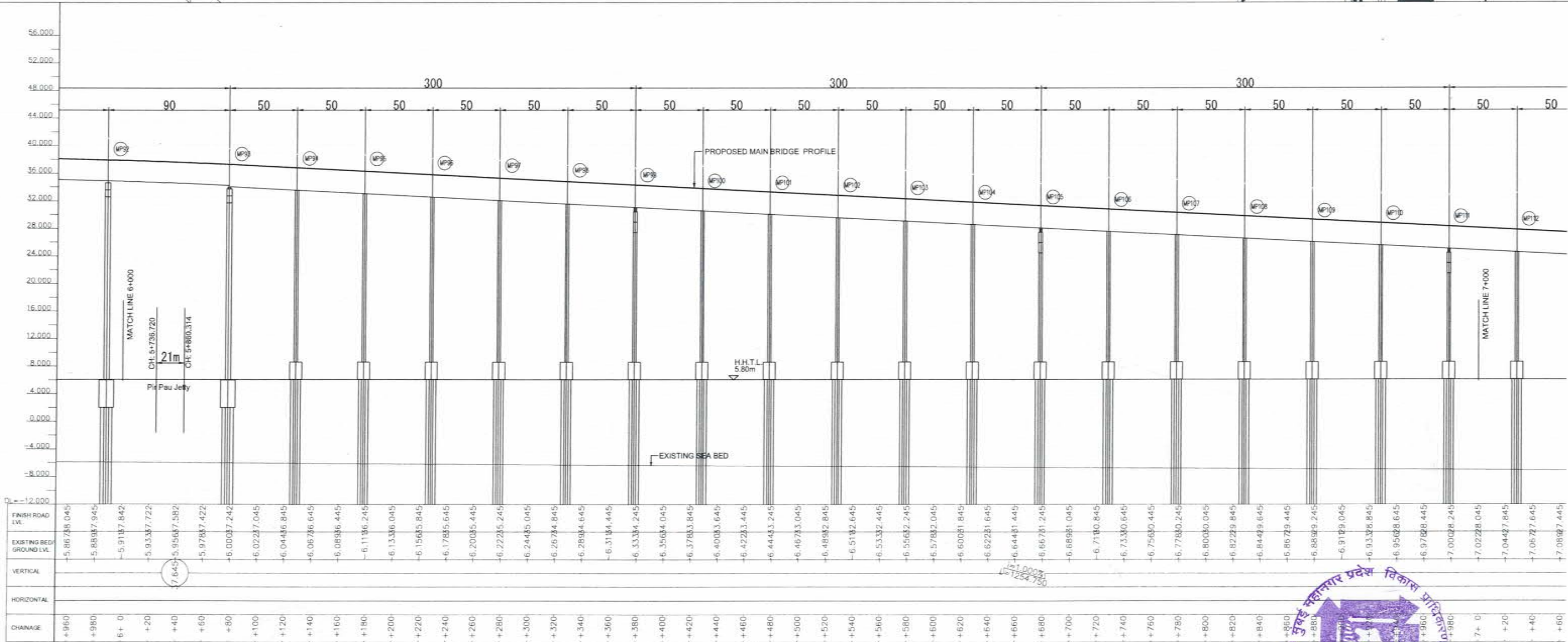
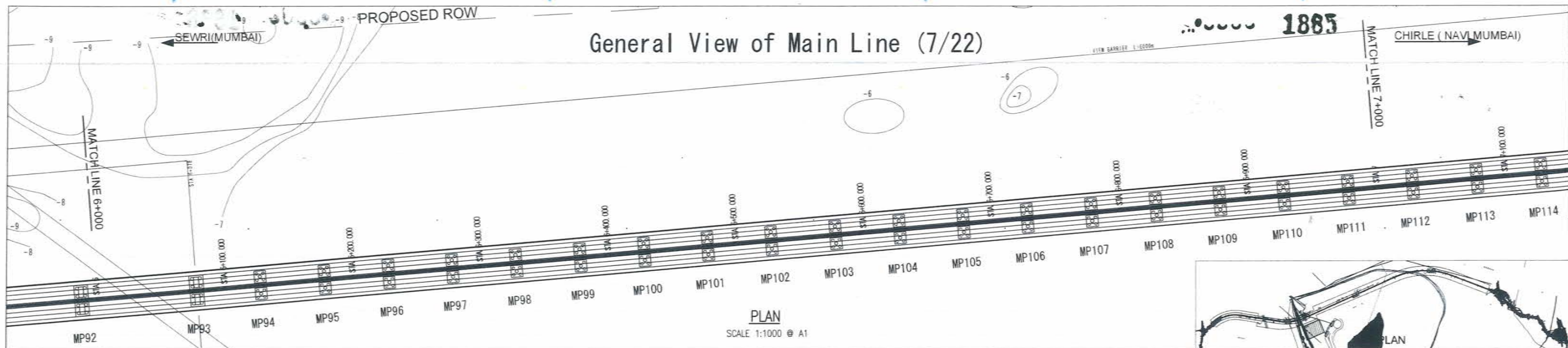
TITLE - General View of Main Line (5/22) FROM CH 4+000 TO CH 5+000	DATE	DRAWING NO. - B-005	REV.
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NAME	SIGN														
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DRAWN BY															
CHECKED BY															
APPROVED BY															
DATE	DRAWING NO.	REV.													
	B-006														





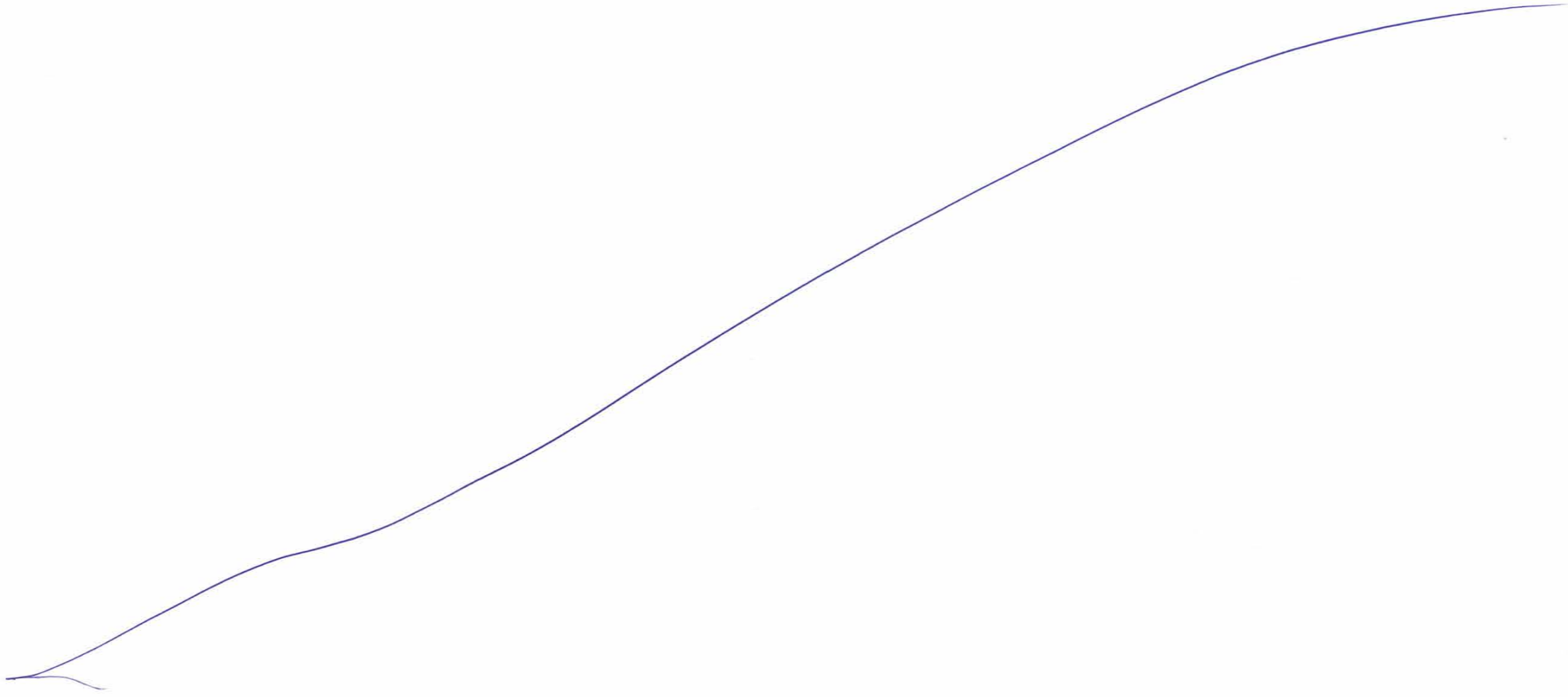
NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



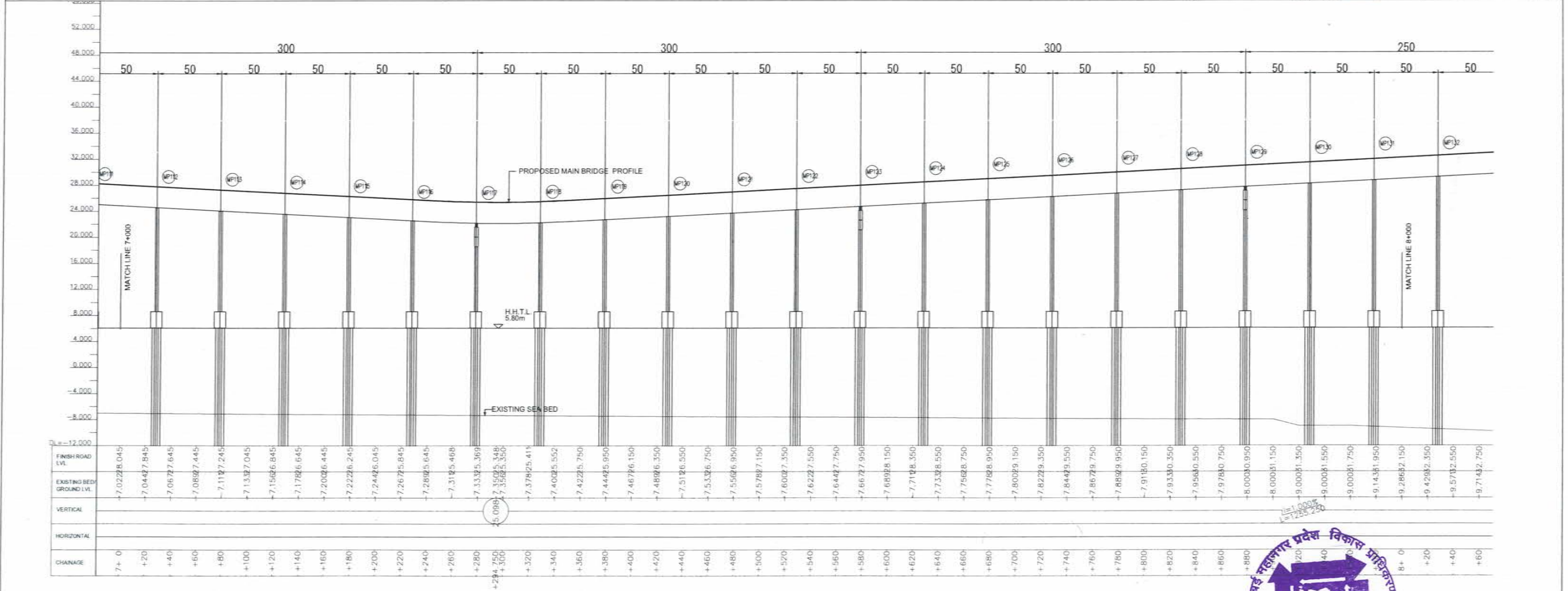
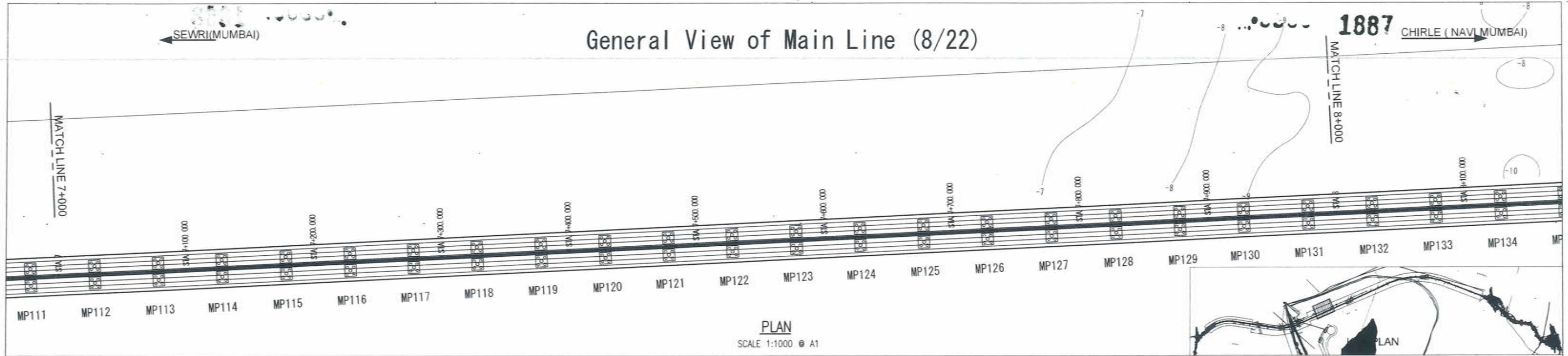
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

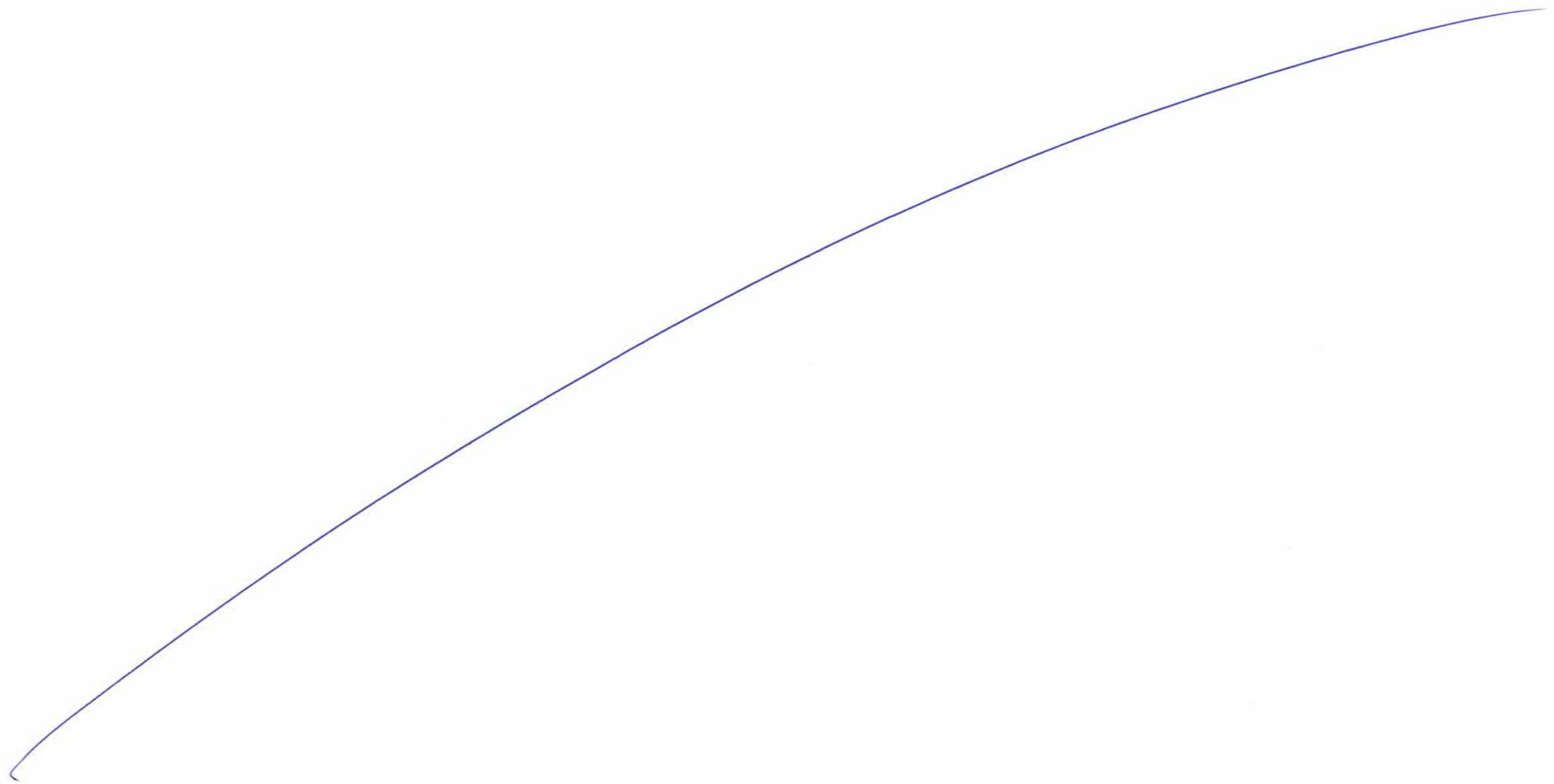


TITLE -	DATE	DRAWING NO.	REV.
General View of Main Line (7/22) FROM CH 6+000 TO CH 7+000		B-007	

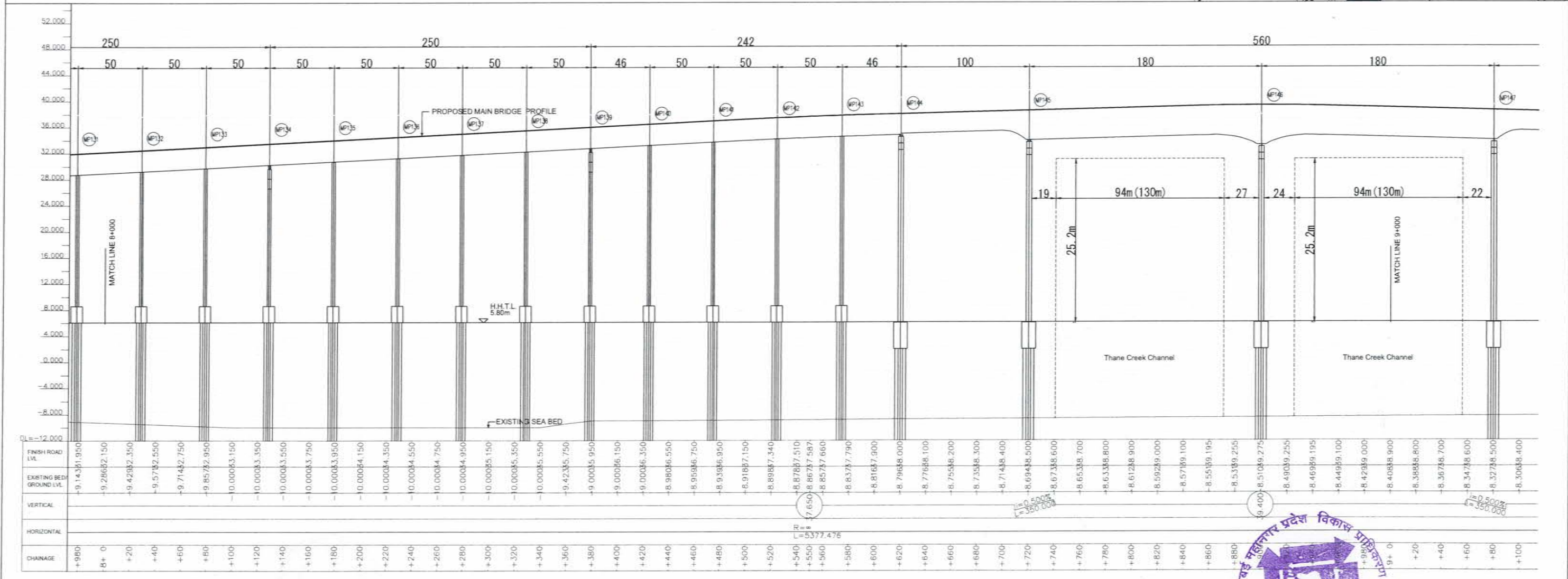
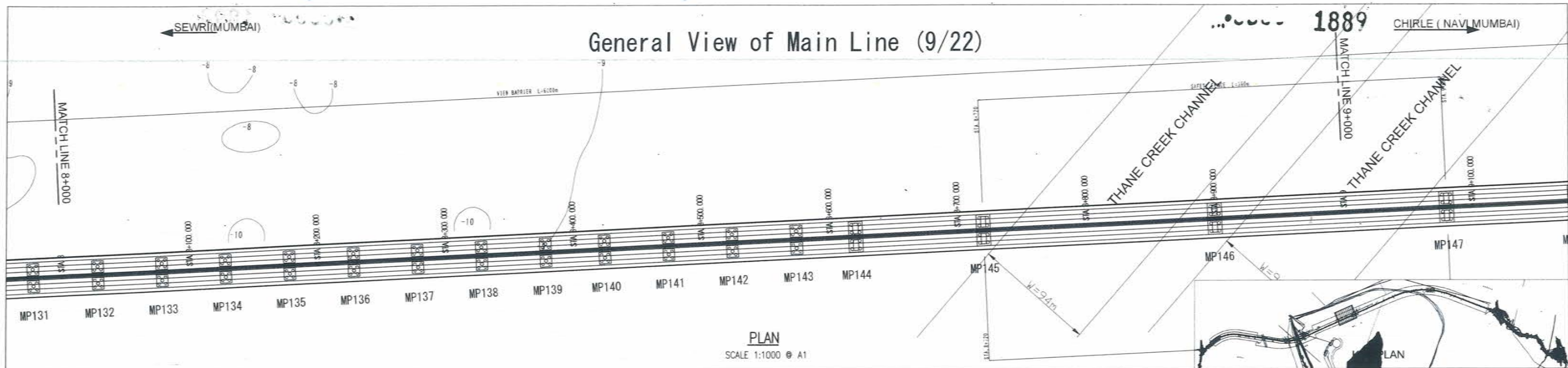


General View of Main Line (8/22)





General View of Main Line (9/22)



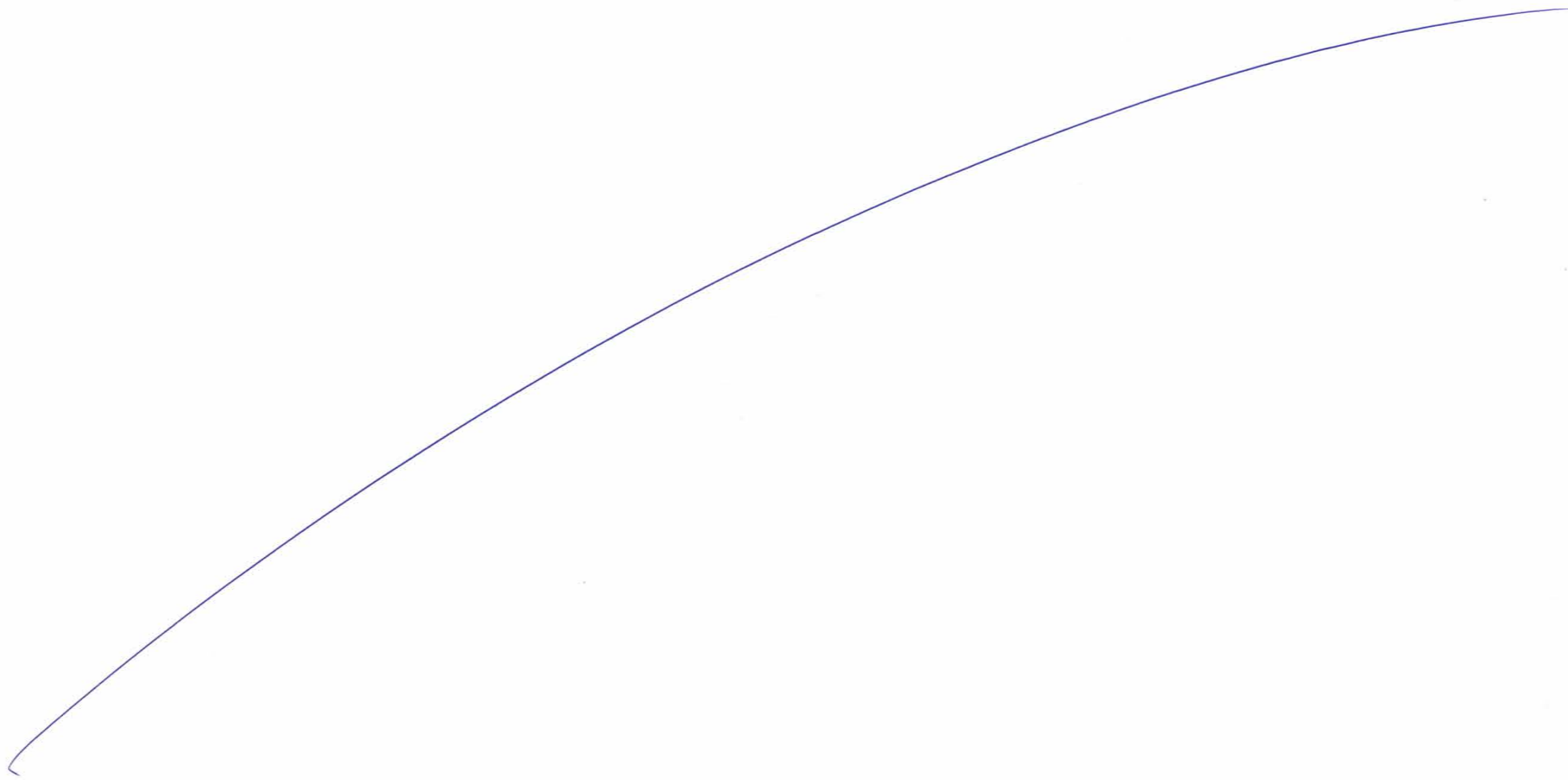
NAME	SIGN



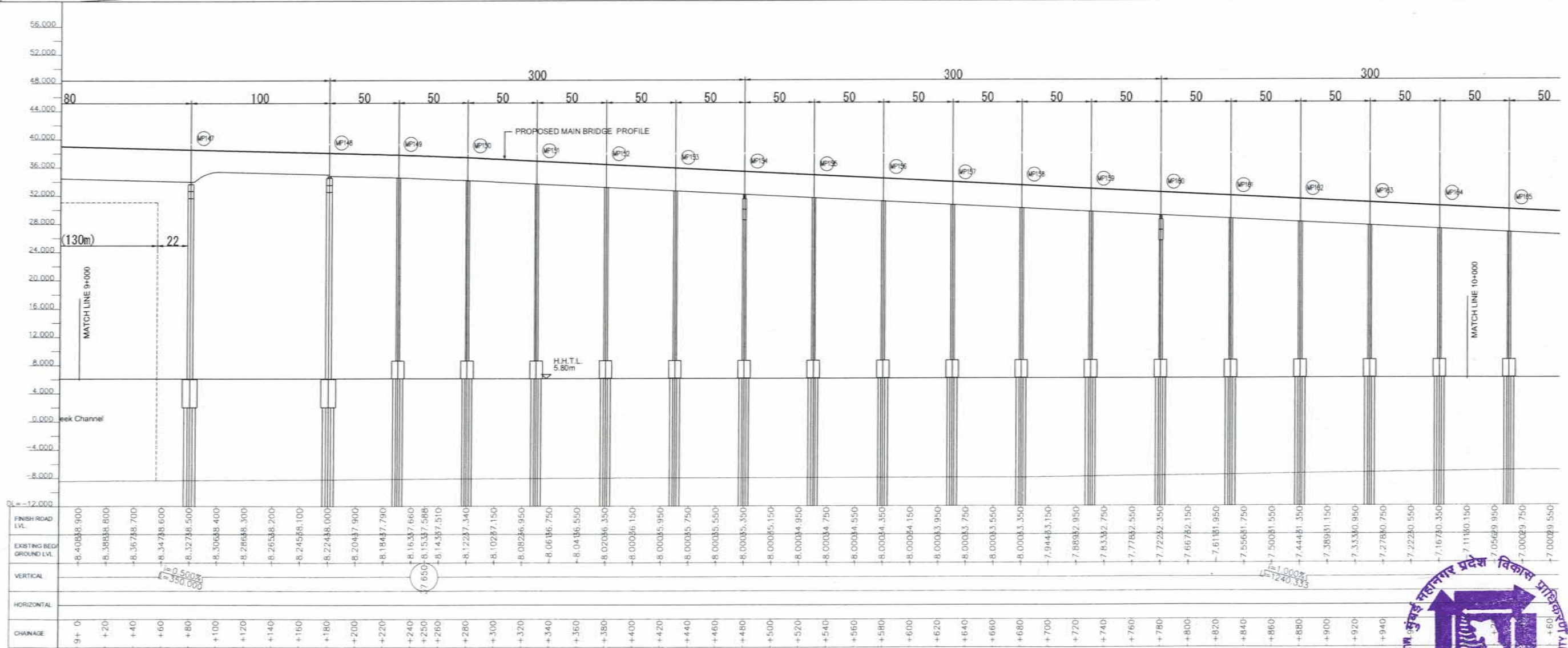
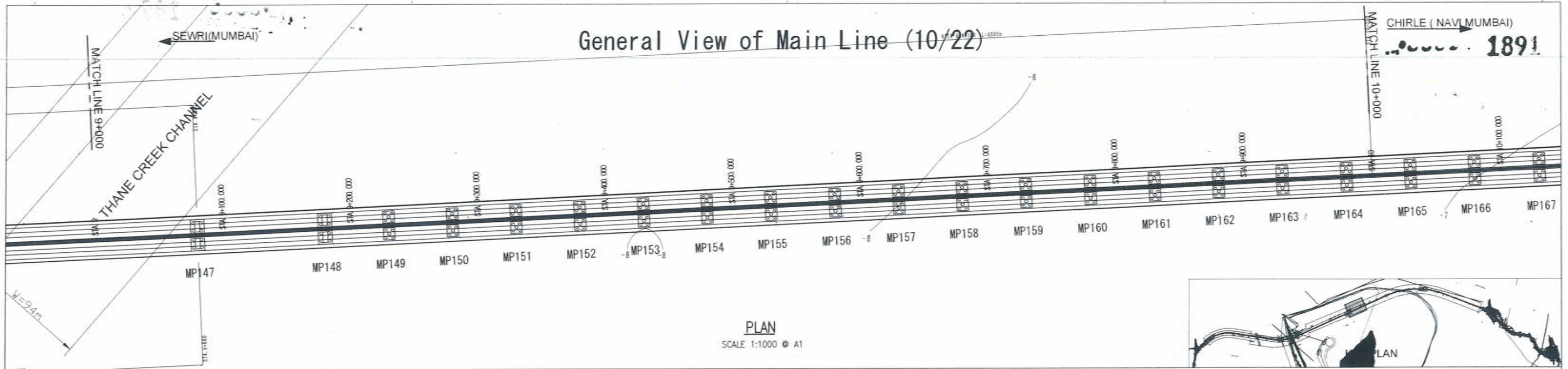
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE - General View of Main Line (9/22) FROM CH 8+000 TO CH 9+000	DATE	DRAWING NO. B-009	REV.
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General View of Main Line (10/22)



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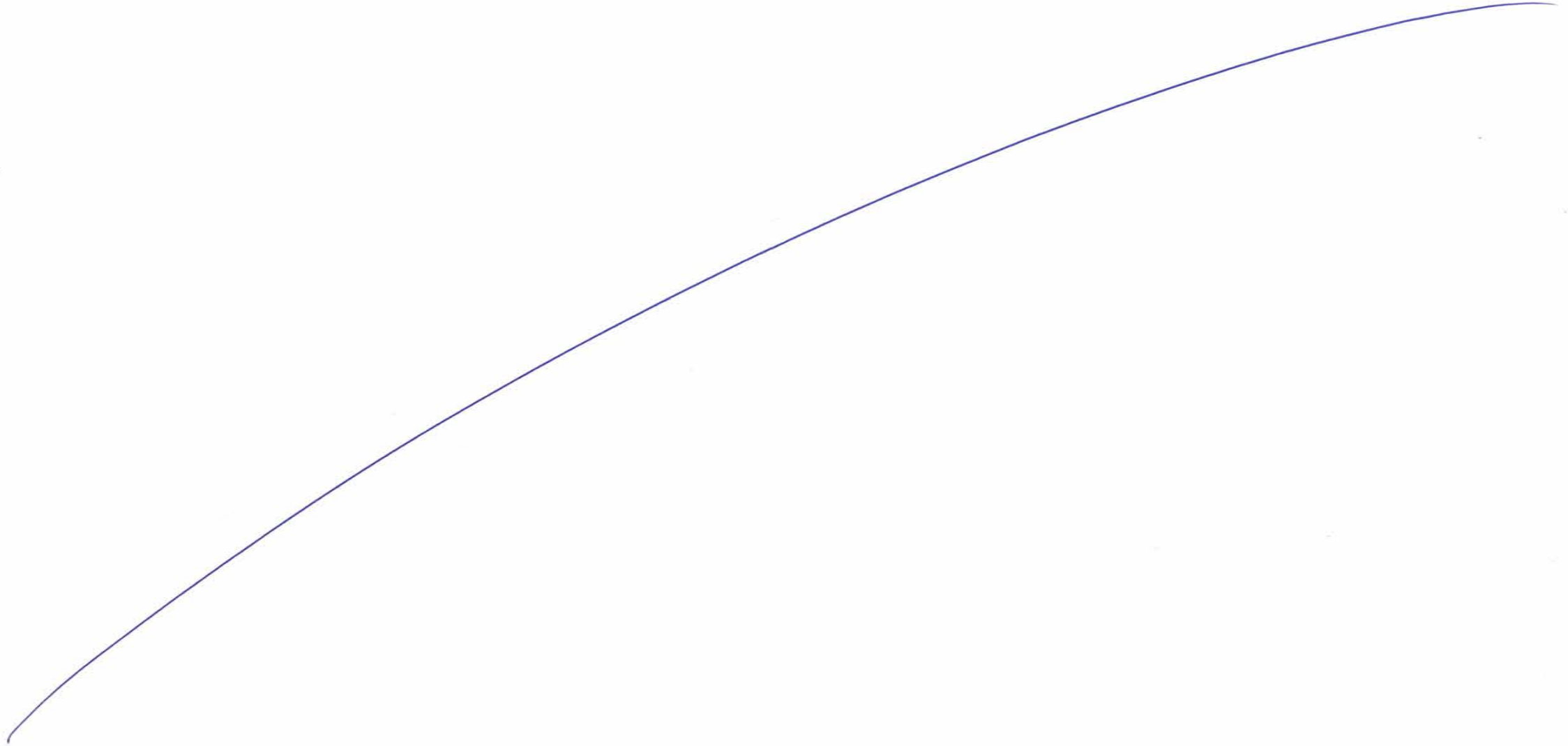
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DEVELOPMENT AUTHORITY

PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

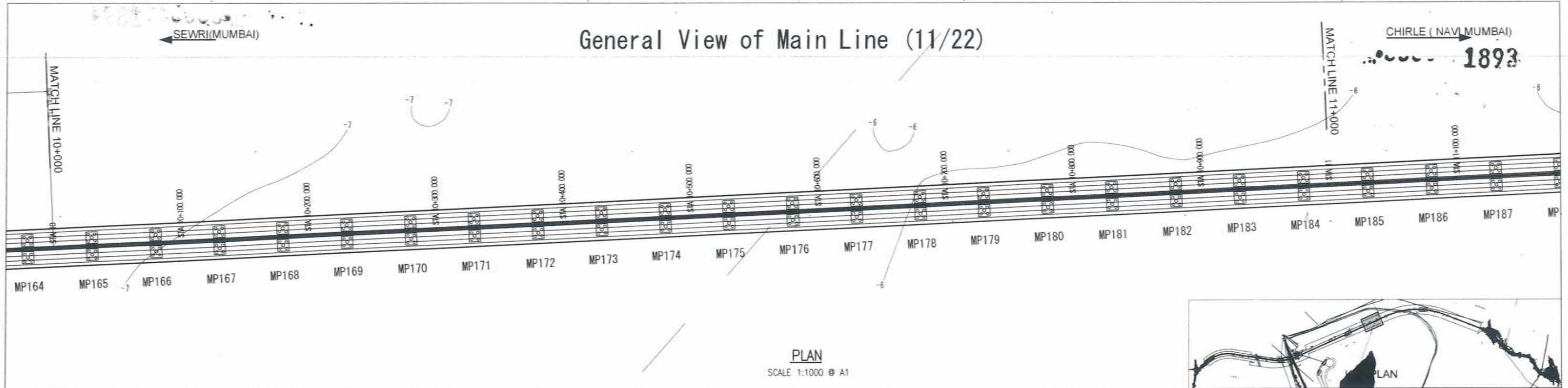
TITLE -
General View of Main Line (10/22)
FROM CH 9+000 TO CH 10+000

DATE _____ DRAWING NO. **B-010** REV. _____



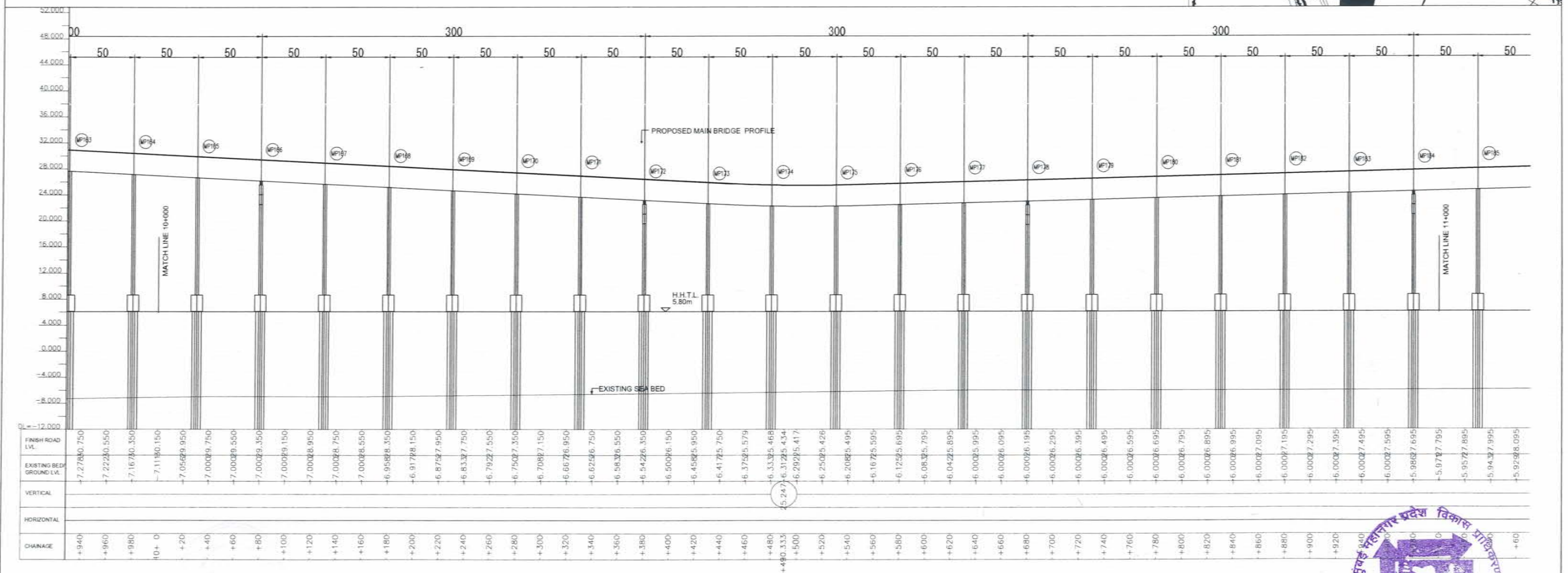


General View of Main Line (11/22)



PLAN

SCALE 1:1000 @ A1



PROFILE

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

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MUMBAI METROPOLITAN REGION
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PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

TITLE -

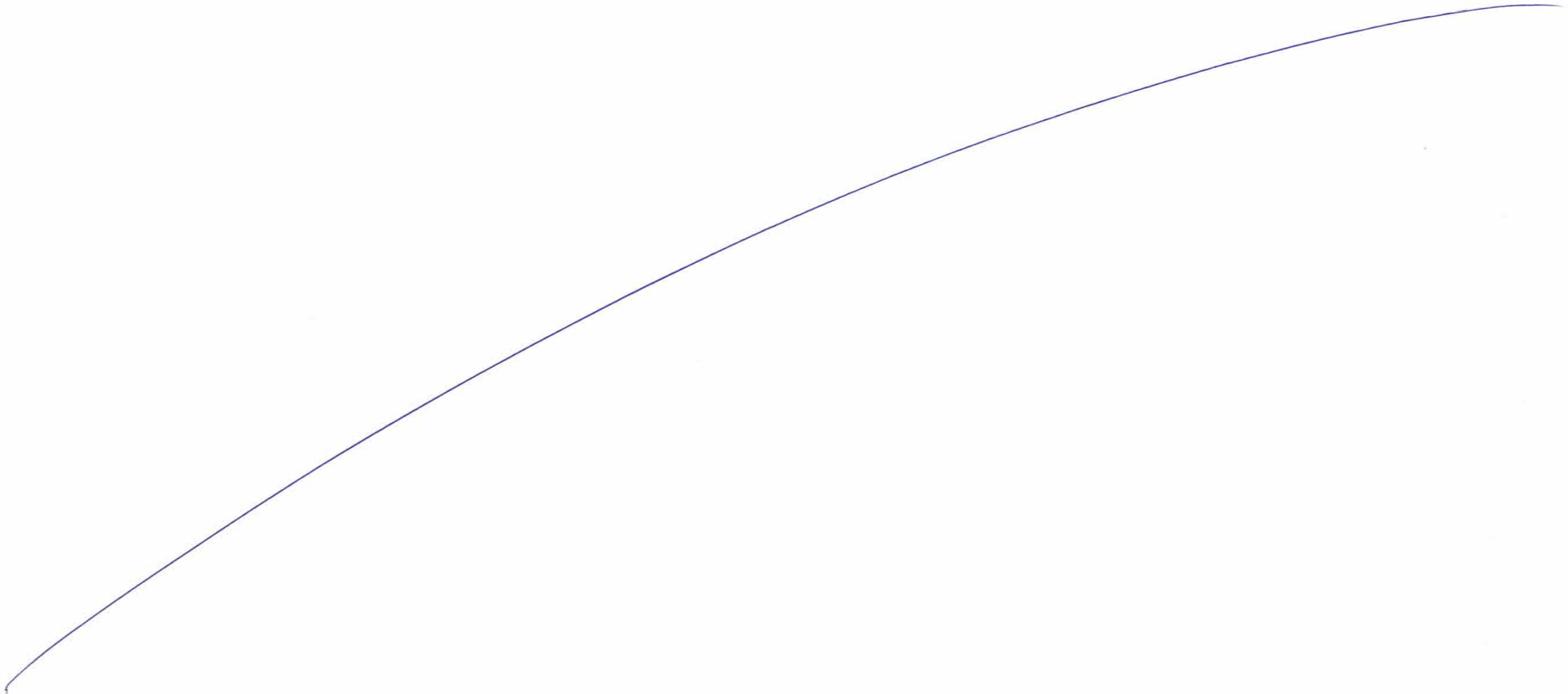
General View of Main Line (11/22)
FROM CH 10+000 TO CH 11+000

DATE

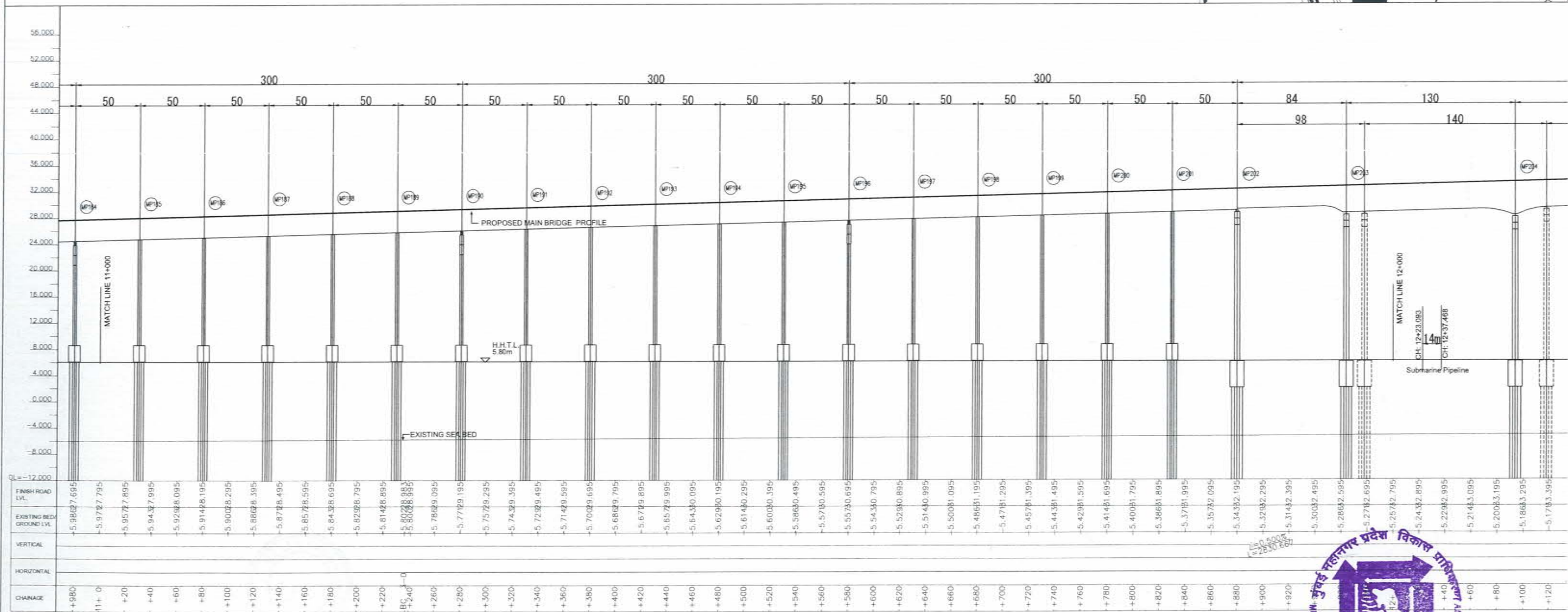
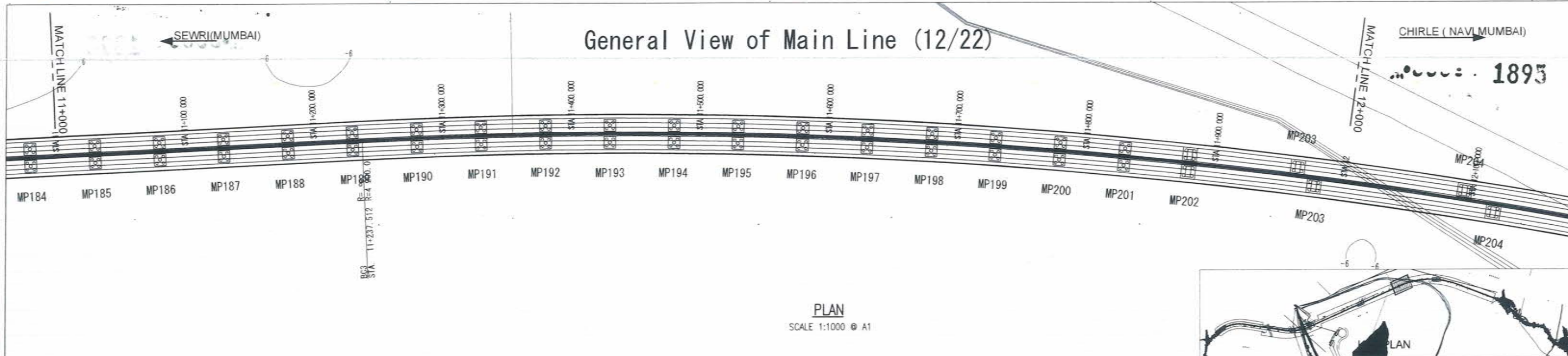
DRAWING NO. B-011

REV.





General View of Main Line (12/22)



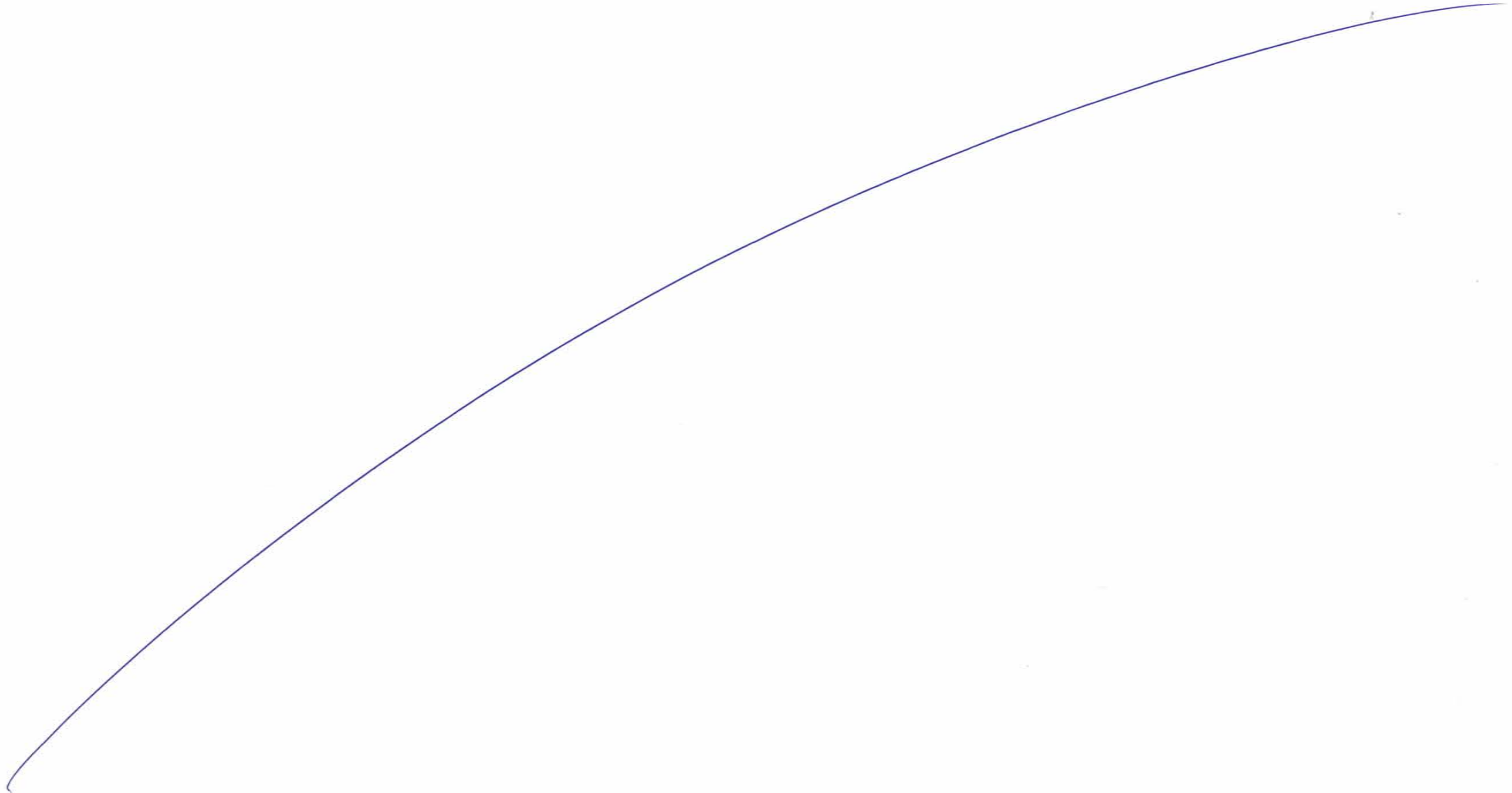
NAME	SIGN
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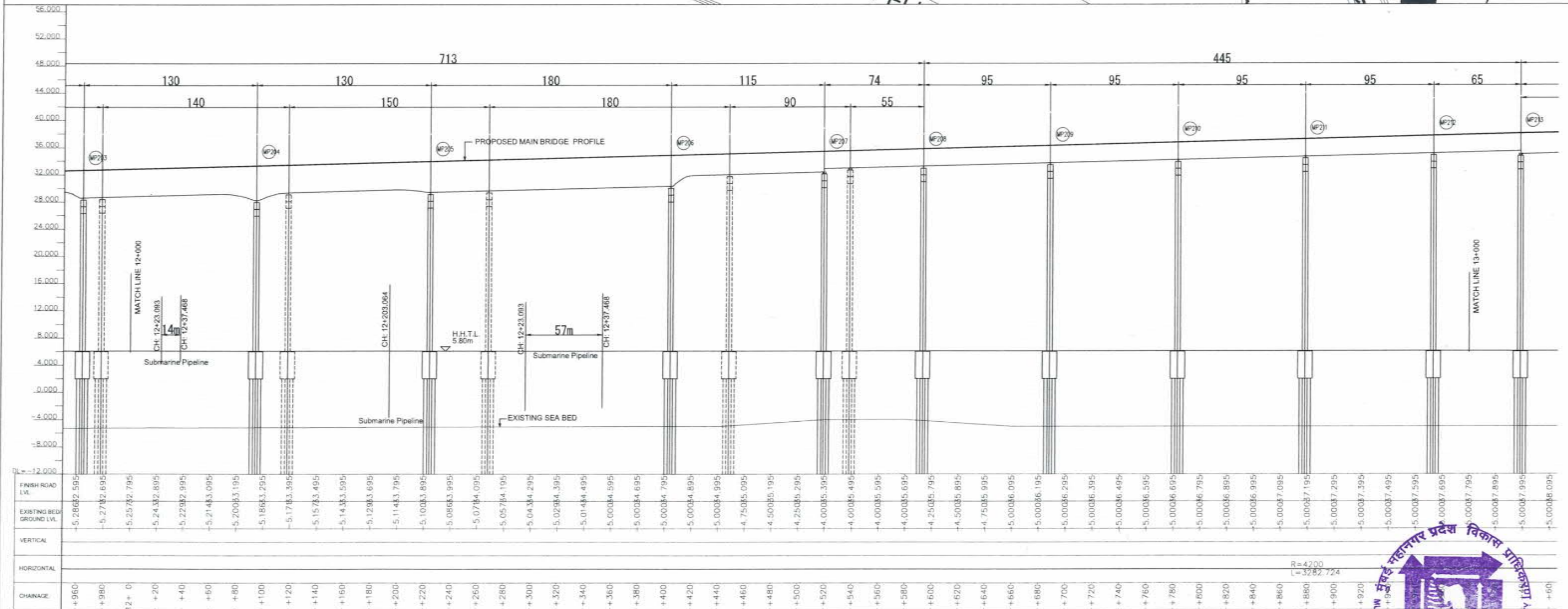
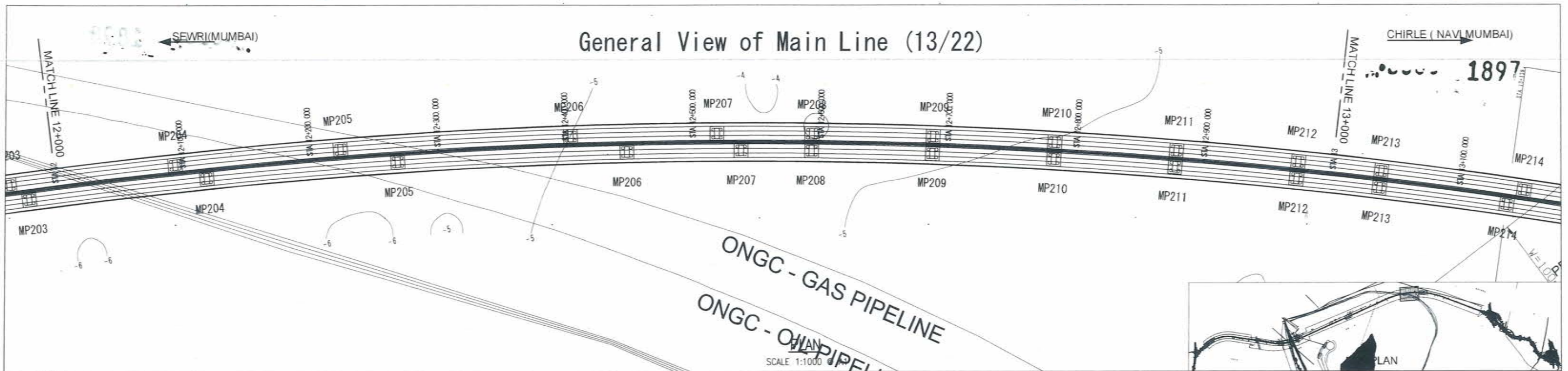
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

TITLE - General View of Main Line (12/22) FROM CH 11+000 TO CH 12+000	DATE	DRAWING NO. B-012	REV.
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General View of Main Line (13/22)



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General View of Main Line (13/22)
FROM CH 12+000 TO CH 13+000

DATE: _____ DRAWING NO. B-013 REV. _____

NAME	SIGN
DRAWN BY	
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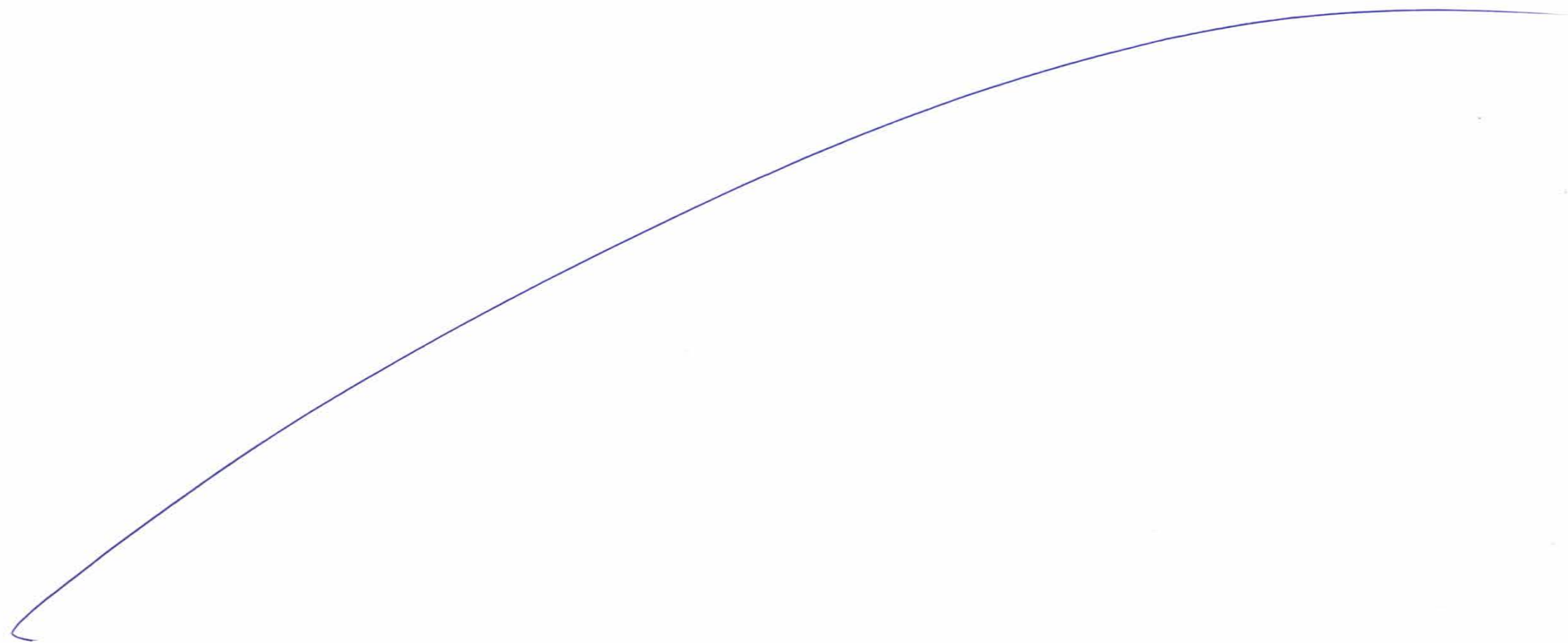
PROJECT -

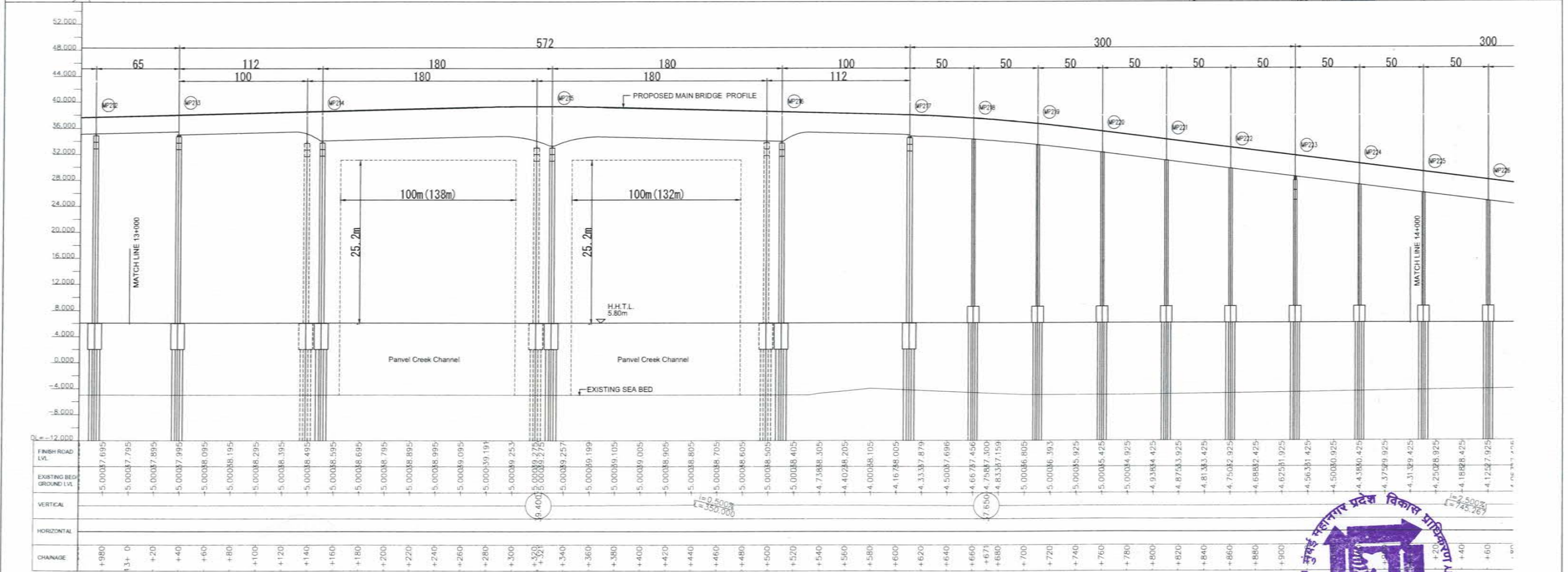
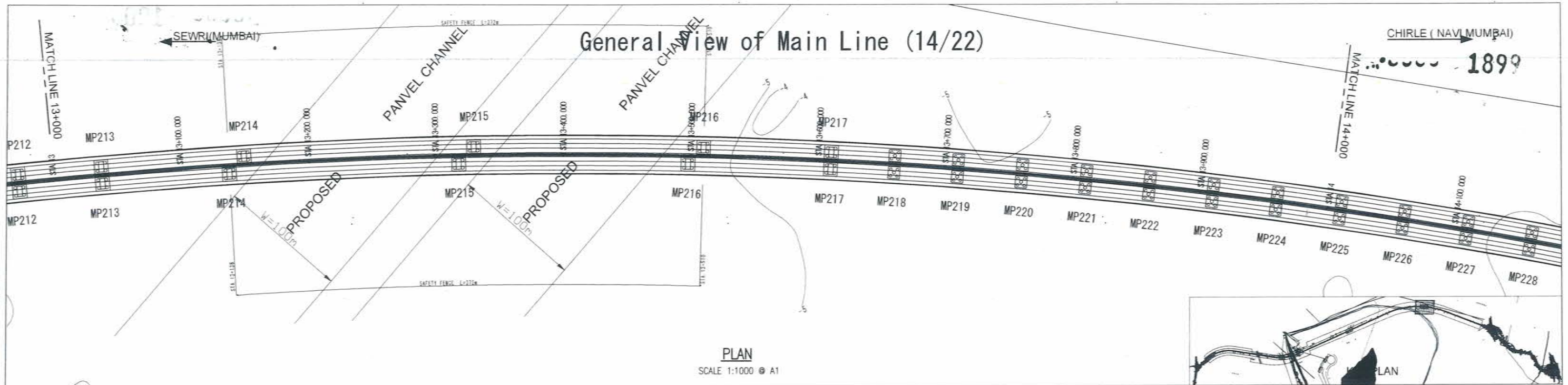
MUMBAI TRANS HARBOUR LINK PROJECT

TENDER DRAWINGS

TITLE -

DATE: _____ DRAWING NO. B-013 REV. _____






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DEVELOPMENT AUTHORITY

PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT

TENDER DRAWINGS



TITLE -

General View of Main Line (14/22)
FROM CH 13+000 TO CH 14+000

DATE

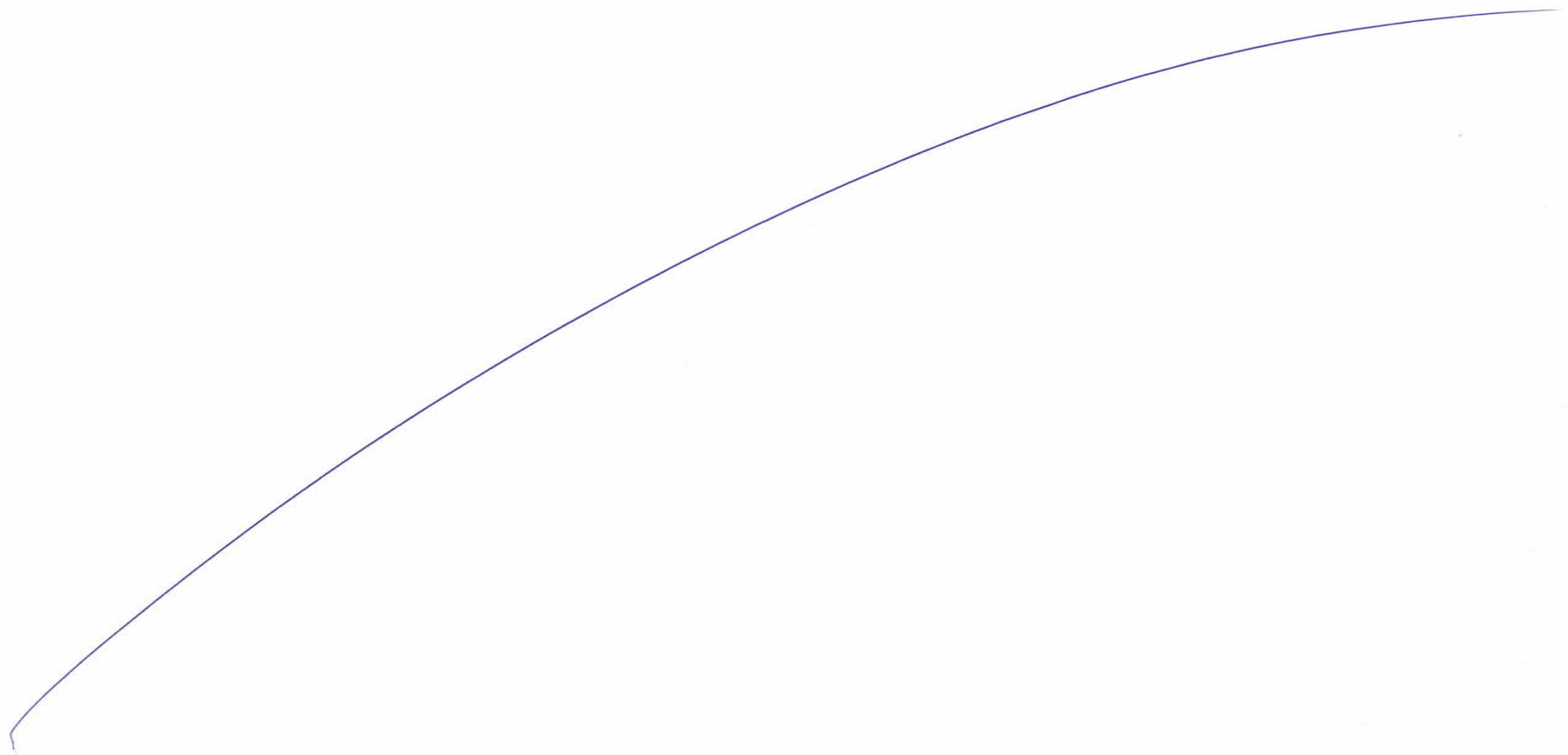
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REV.

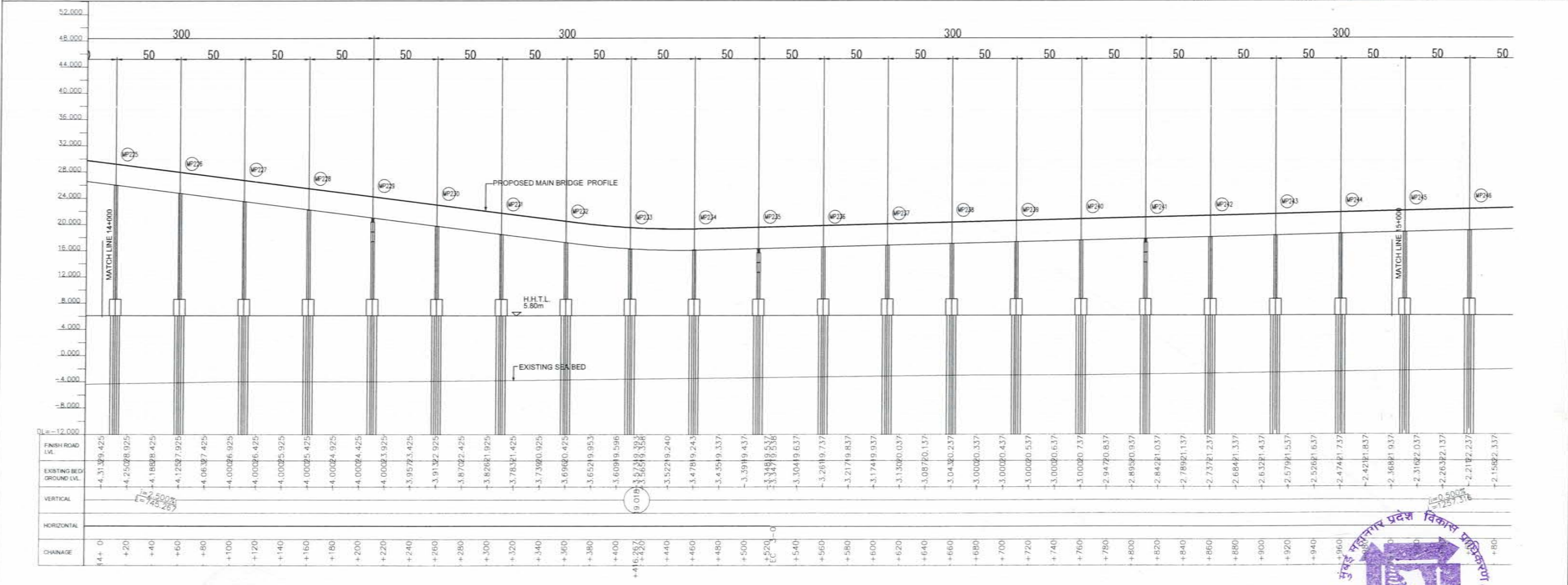
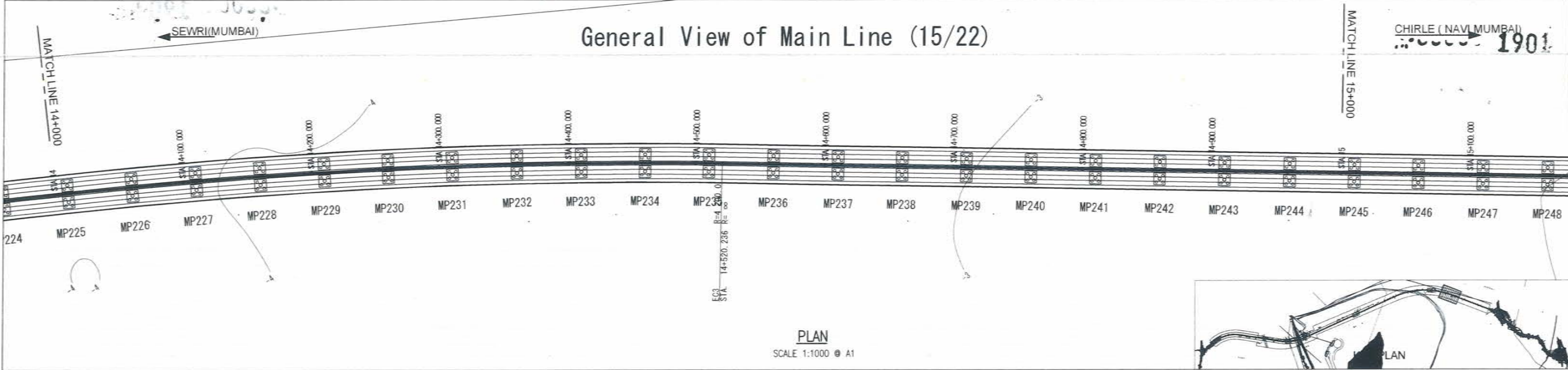



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General View of Main Line (15/22)



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

NAME	SIGN



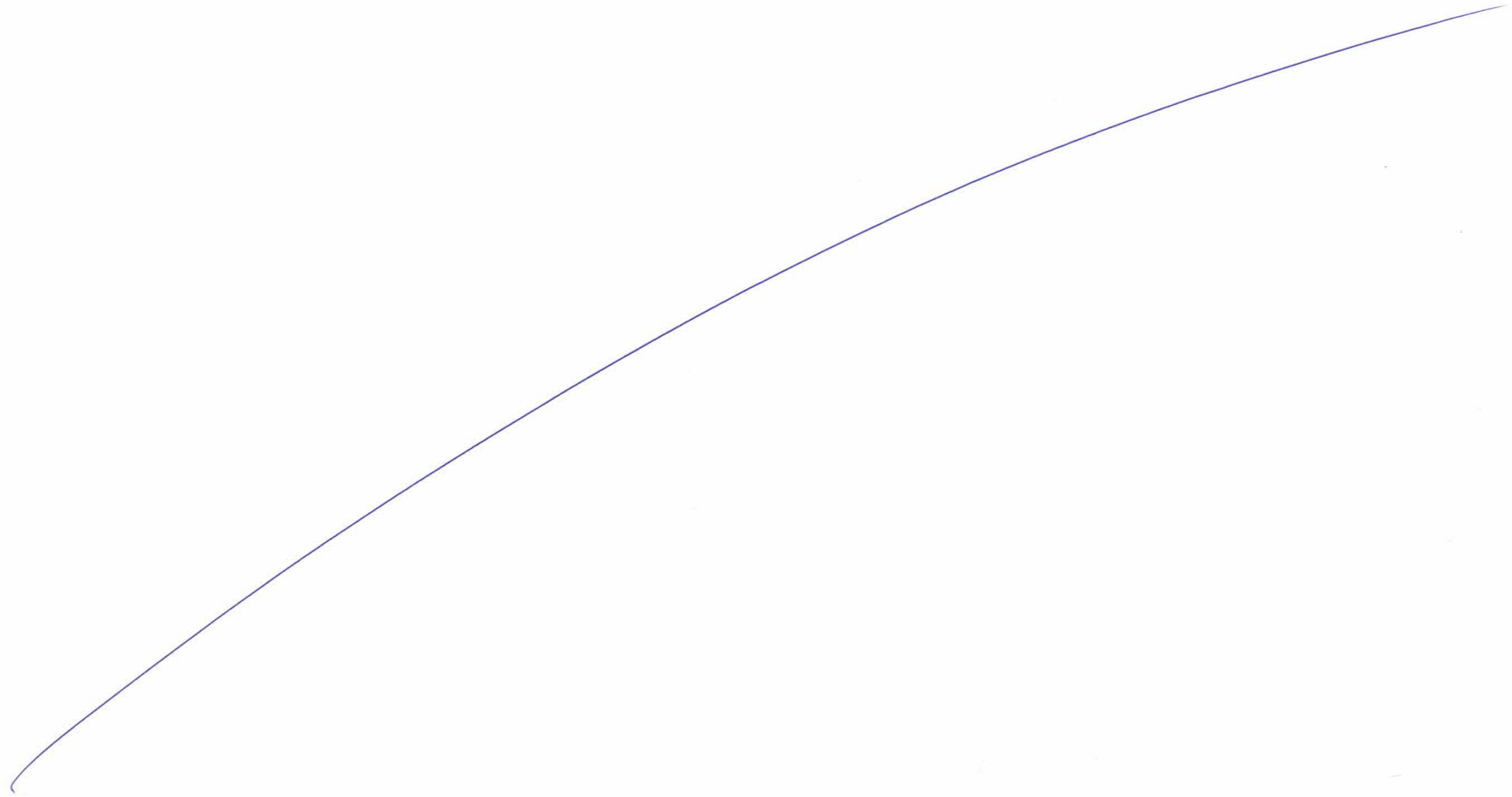
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

TITLE - General View of Main Line (15/22) FROM CH 14+000 TO CH 15+000	DATE	DRAWING NO. B-015	REV
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1902

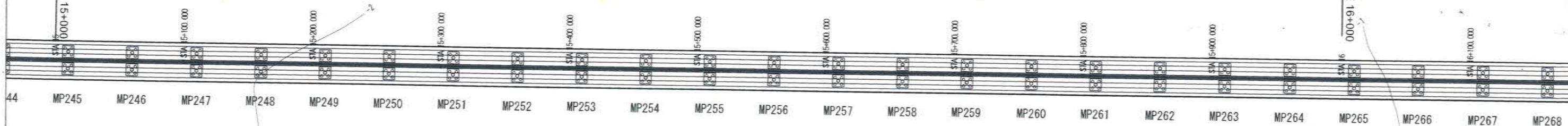


General View of Main Line (16/22)

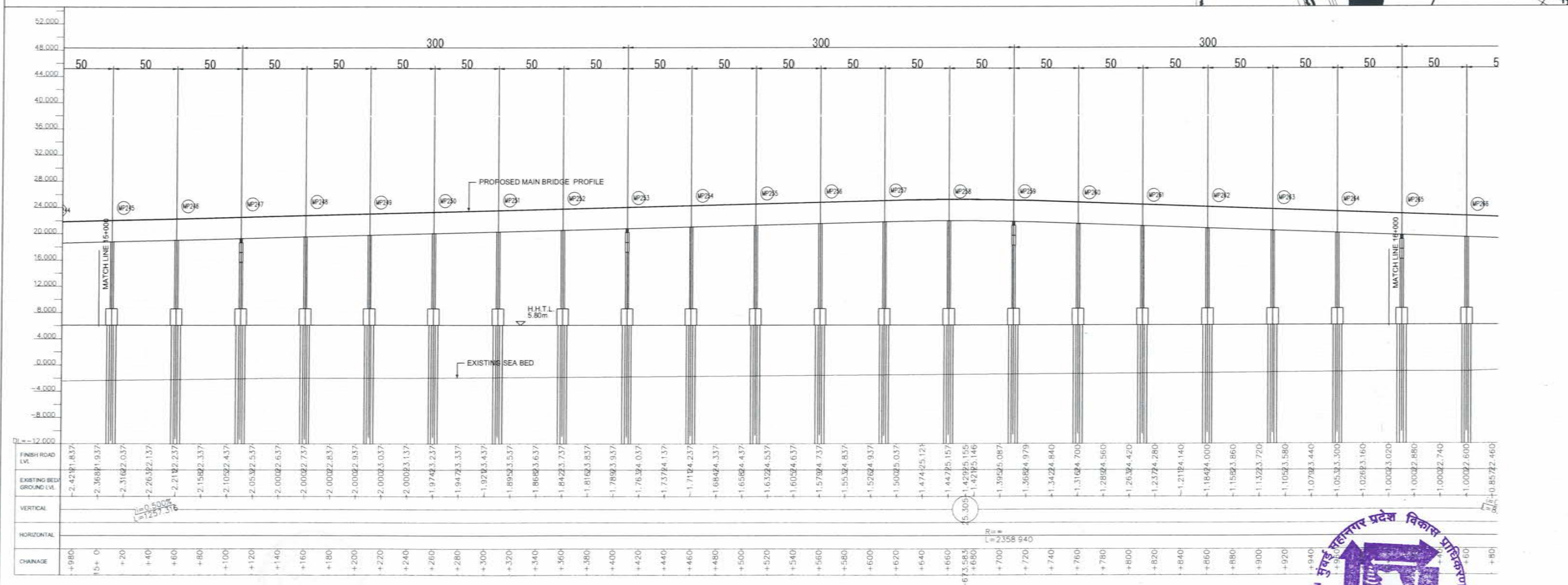
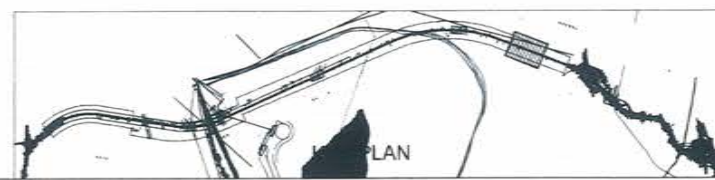
SEWRI (MUMBAI)

CHIRLE (NAV MUMBAI)

1903



PLAN
SCALE 1:1000 @ A1



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

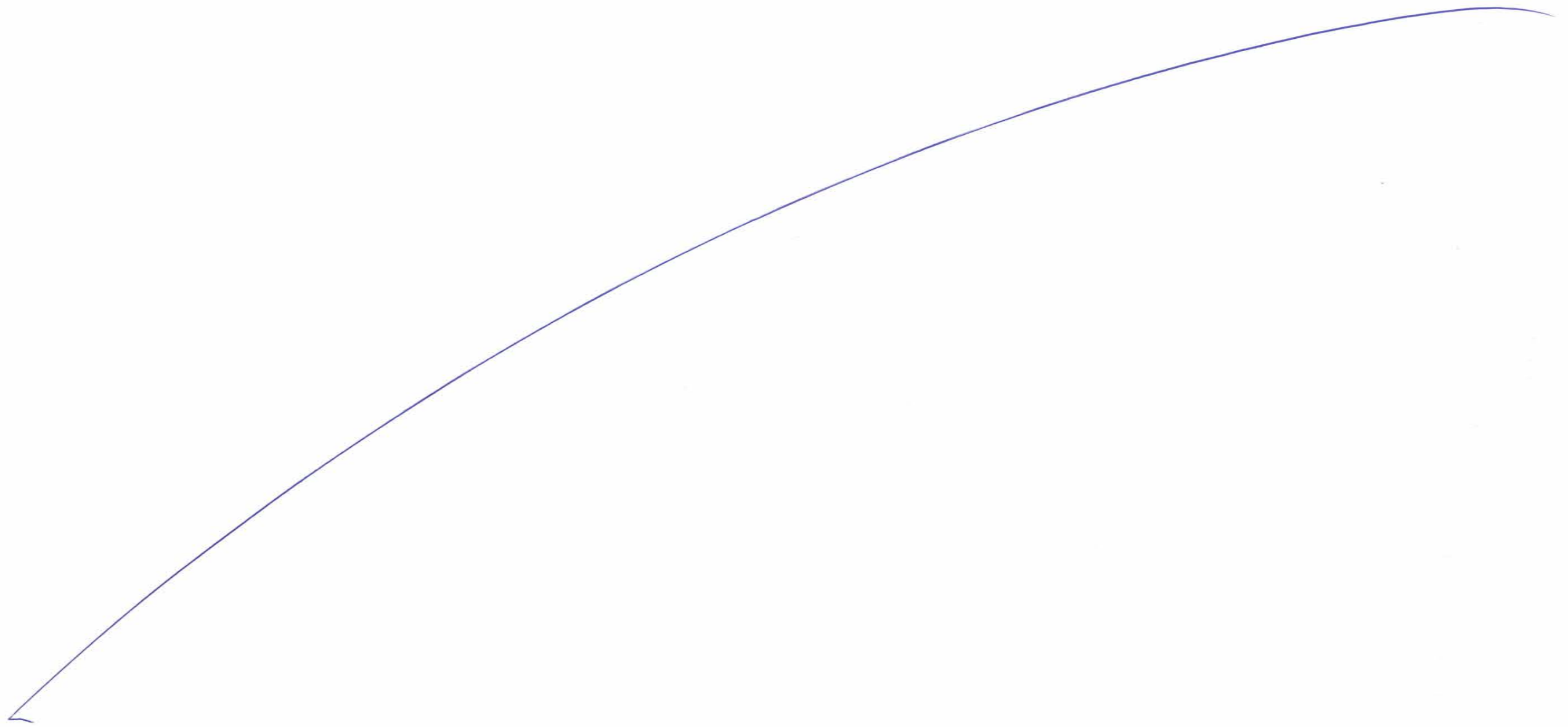
NAME	SIGN



PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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

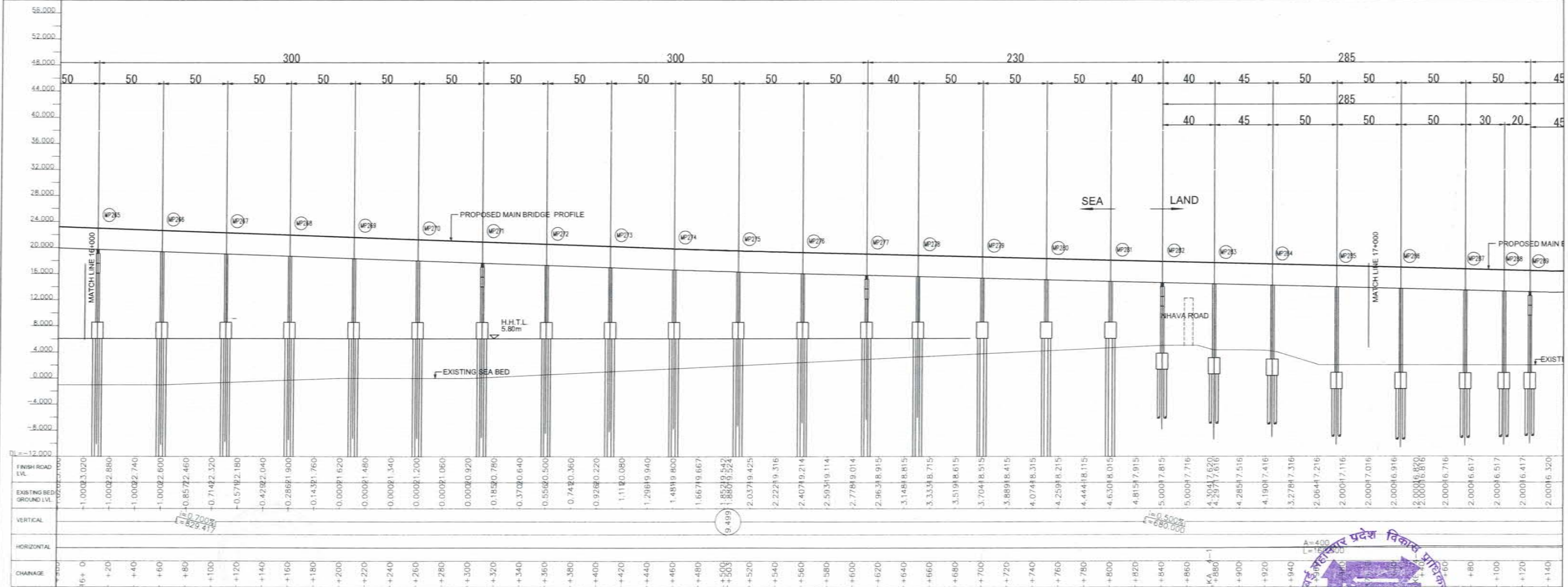
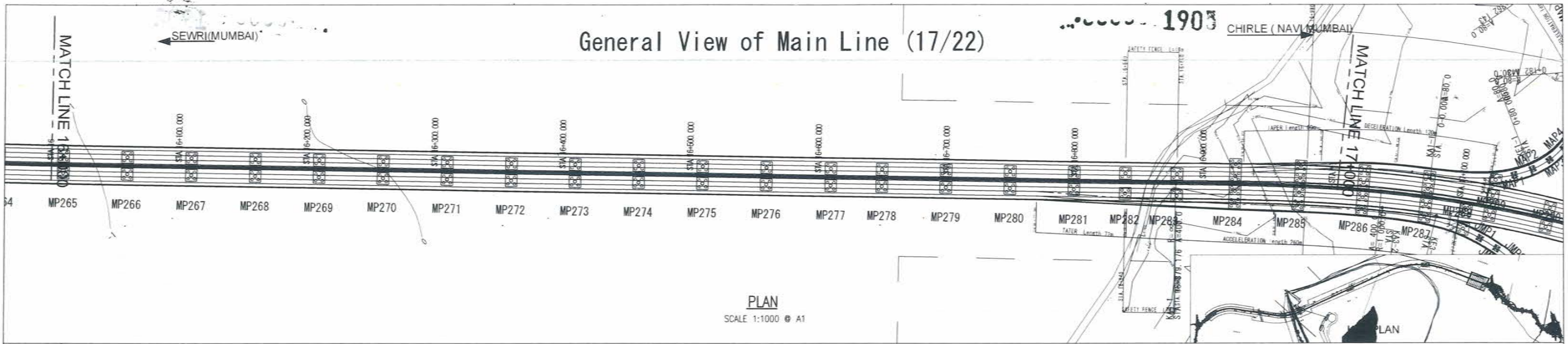




General View of Main Line (17/22)

1903

CHIRLE (NAVA MUMBAI)



PROFILE

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

NAME	SIGN
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PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE -

General View of Main Line (17/22)
FROM CH 16+000 TO CH 17+000

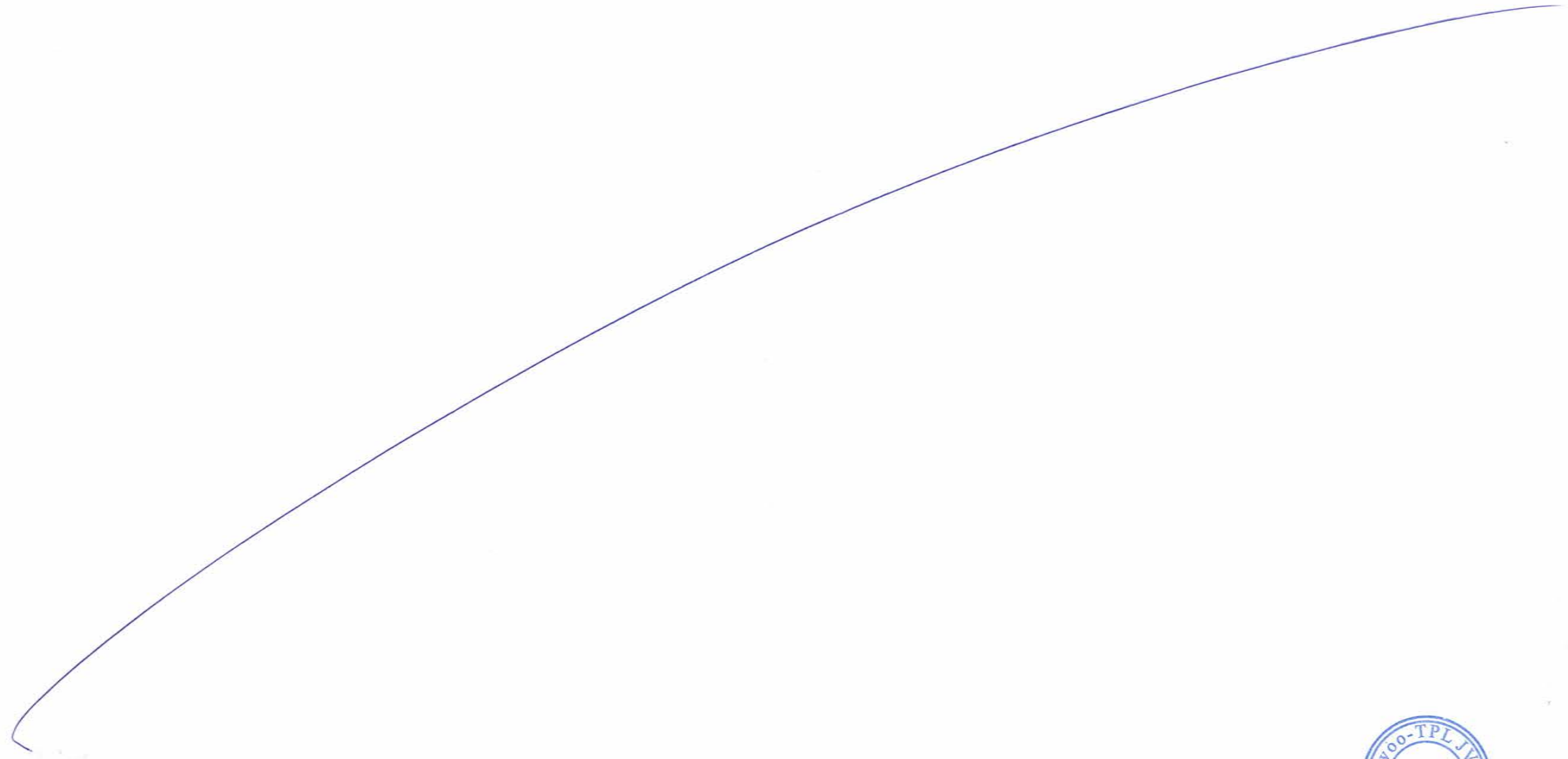
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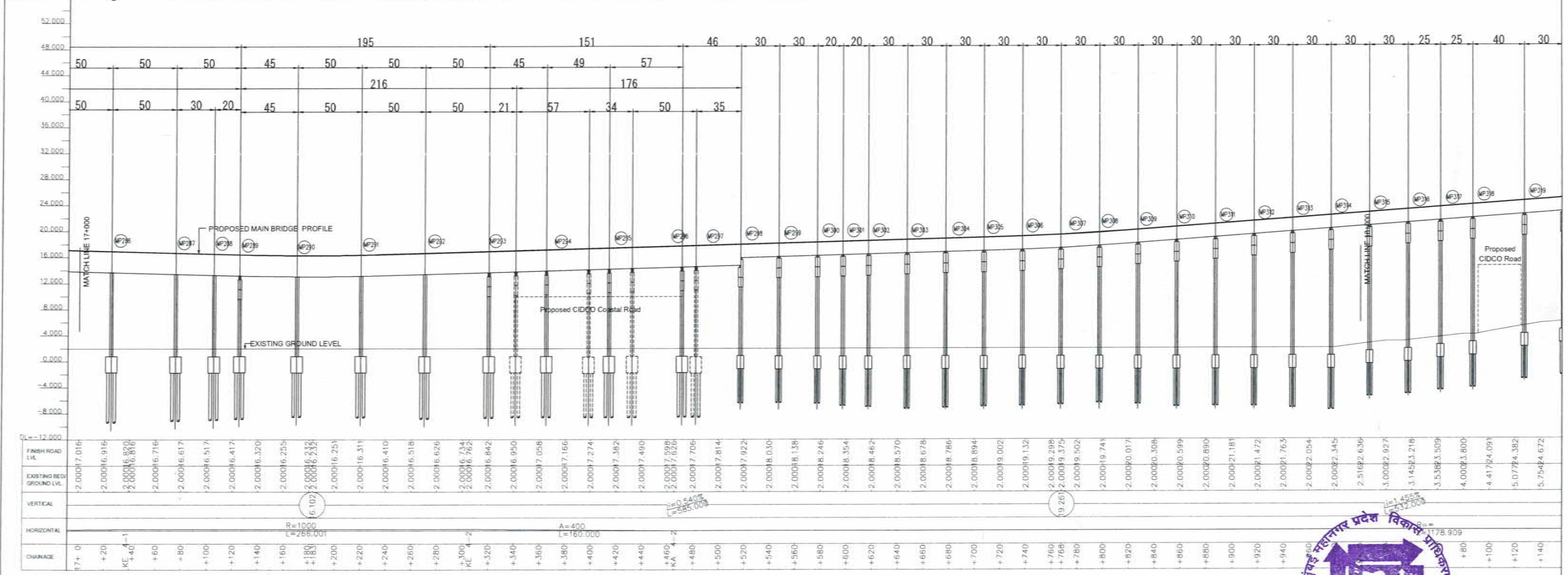
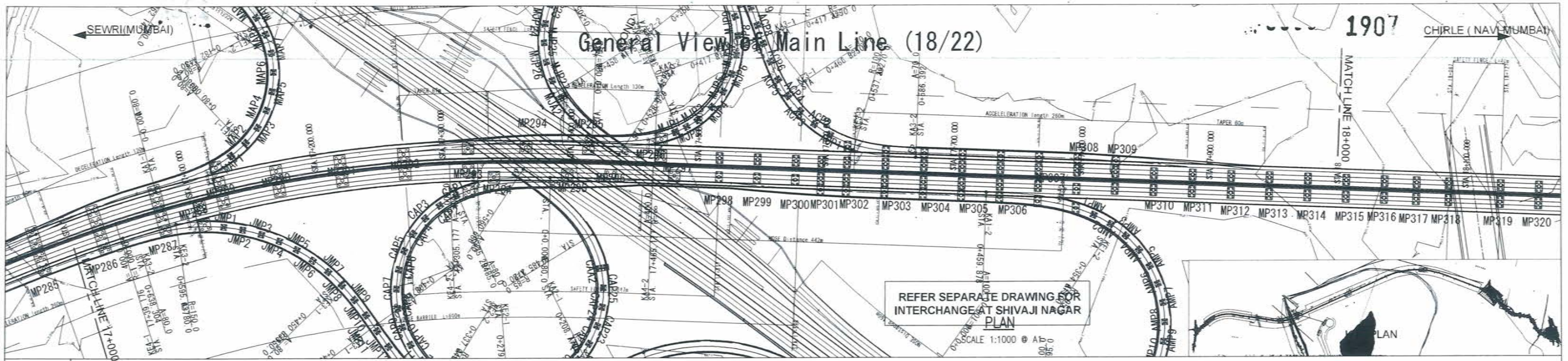
DRAWING NO.

B-017

REV.







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PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE -

General View of Main Line (18/22)
FROM CH 17+000 TO CH 18+000

DATE

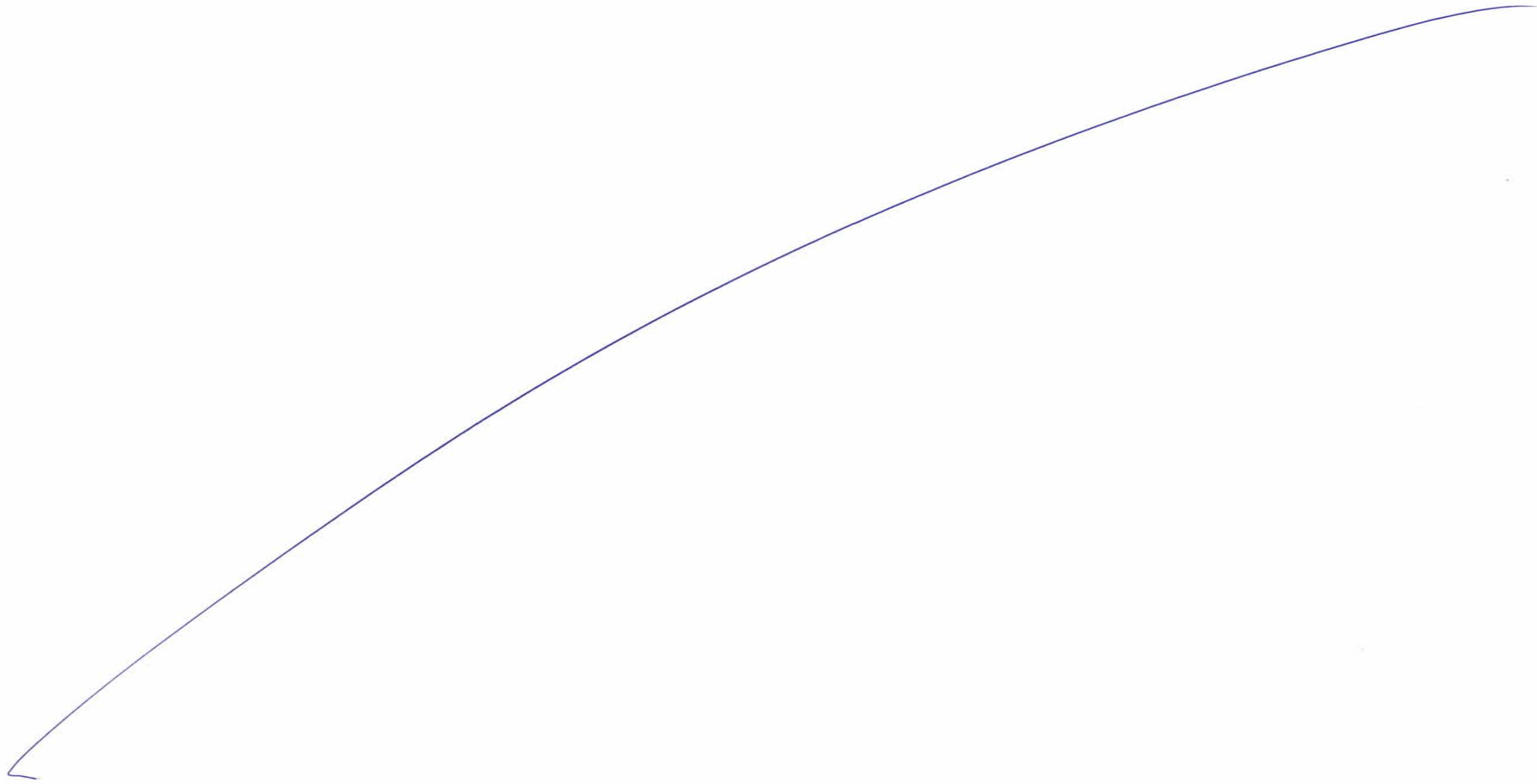
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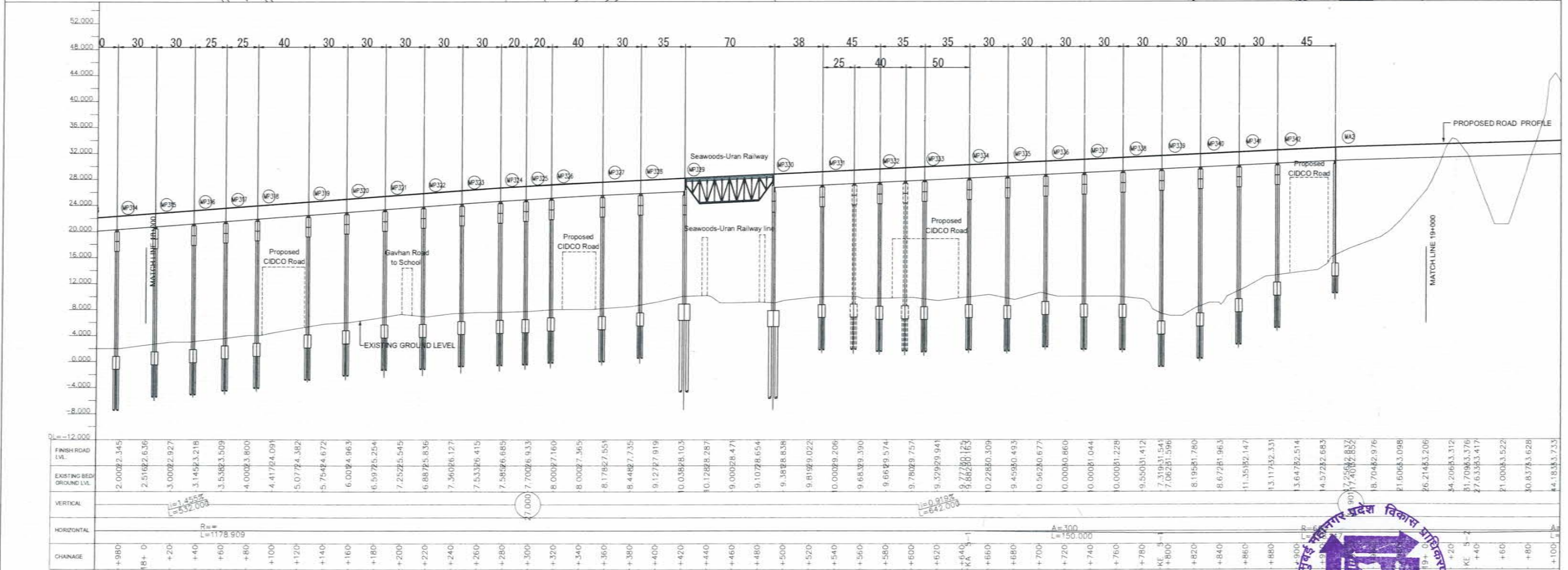
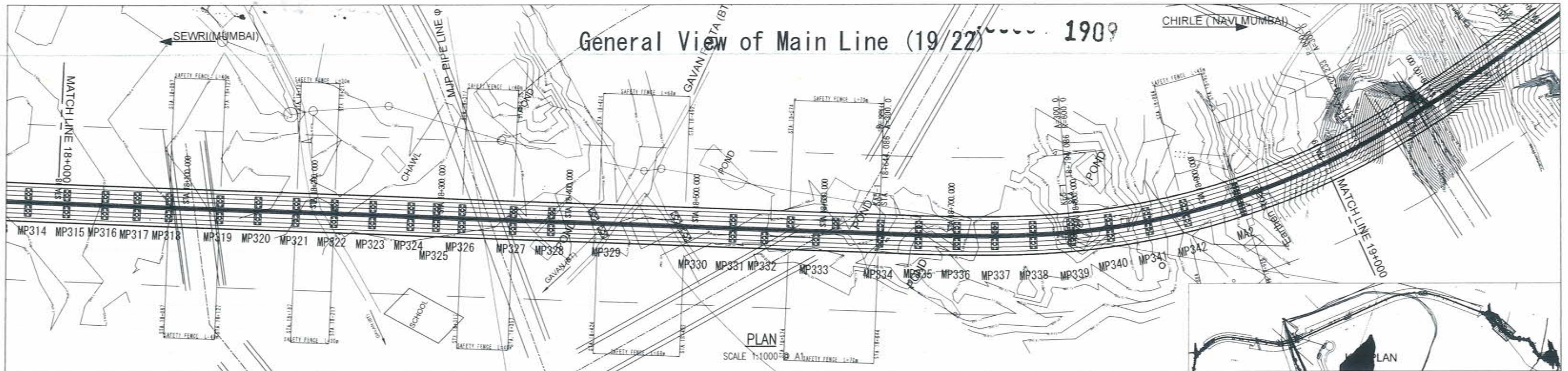
B-018

REV.



..... 1908





NAME	SIGN
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CHECKED BY	
APPROVED BY	



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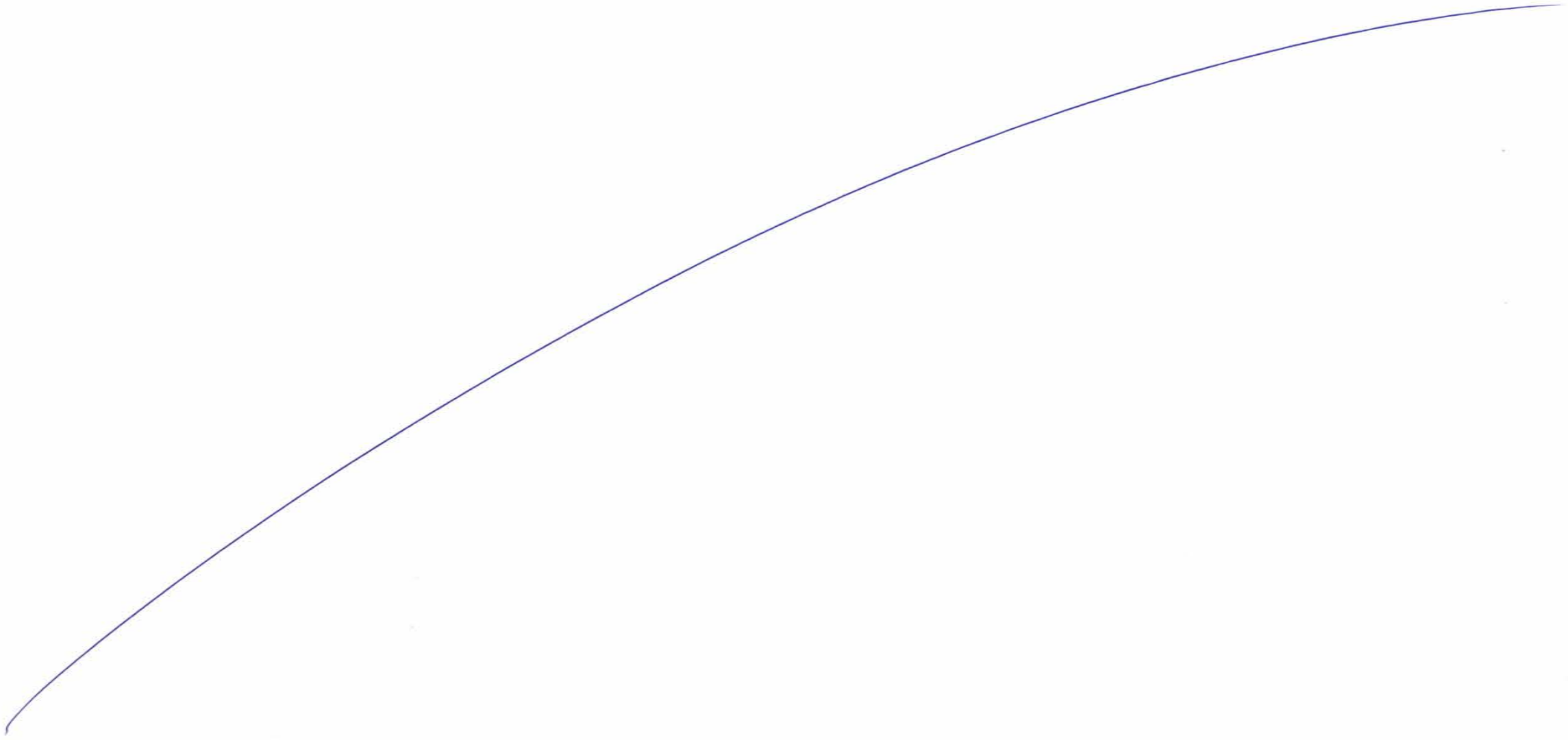
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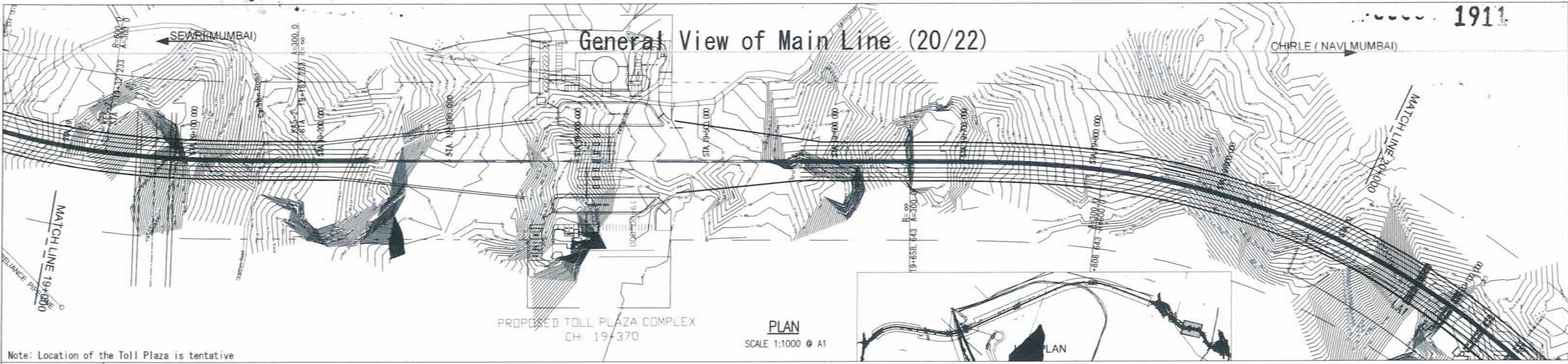
**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

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

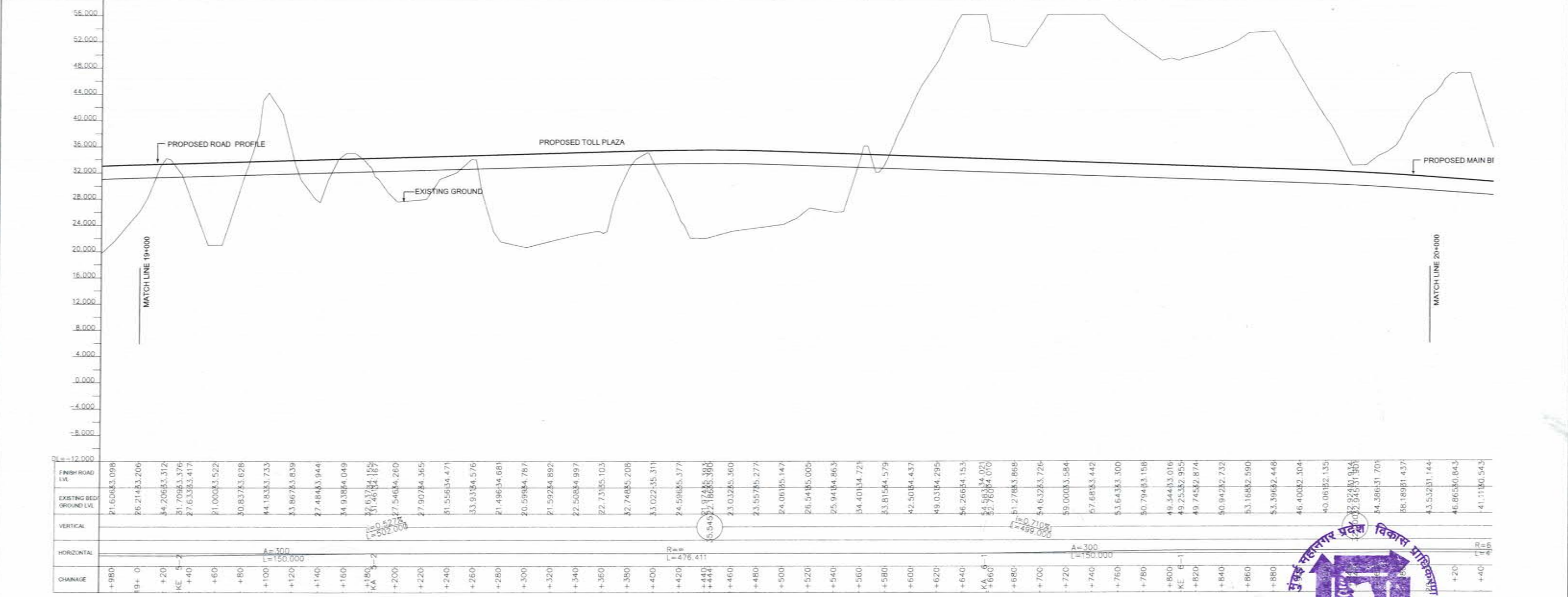


..... 1918





Note: Location of the Toll Plaza is tentative



Note: Location of the Toll Plaza is tentative

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

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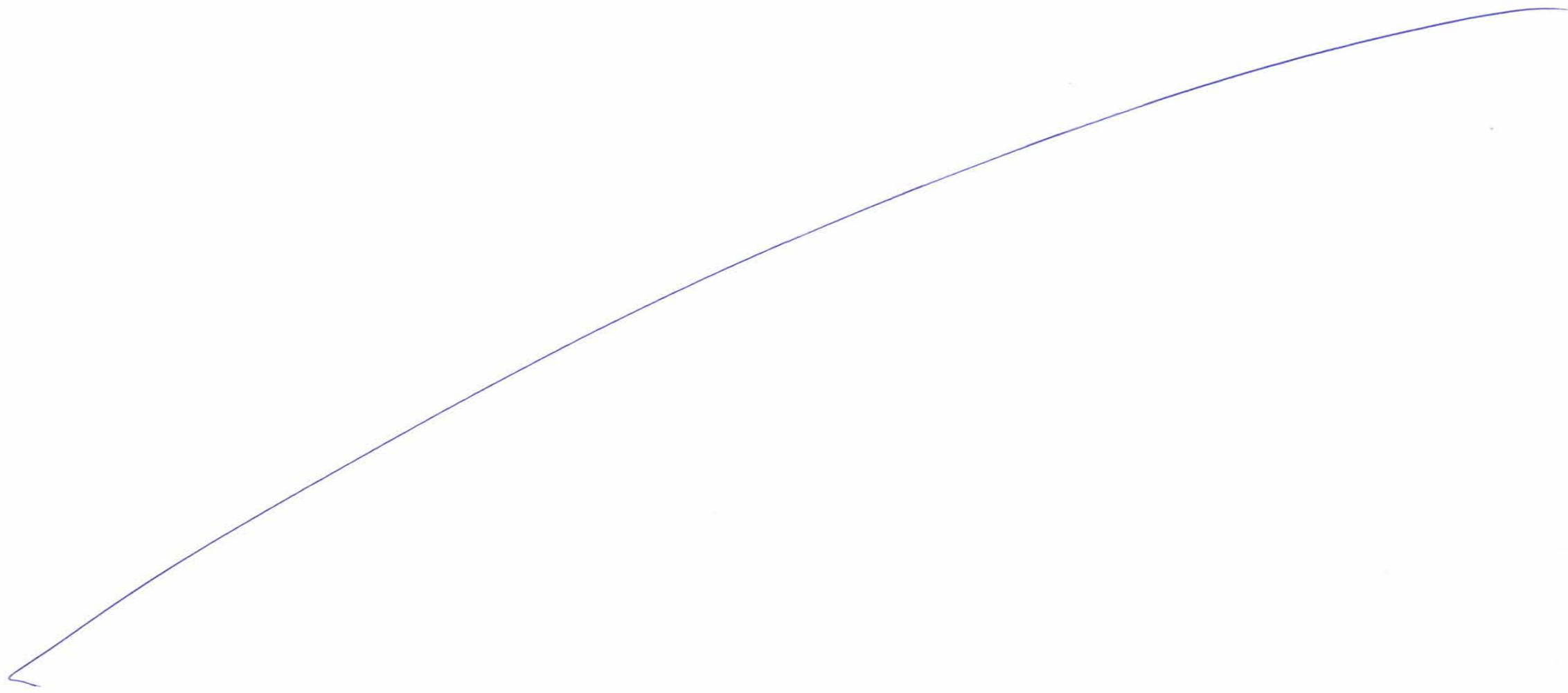
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

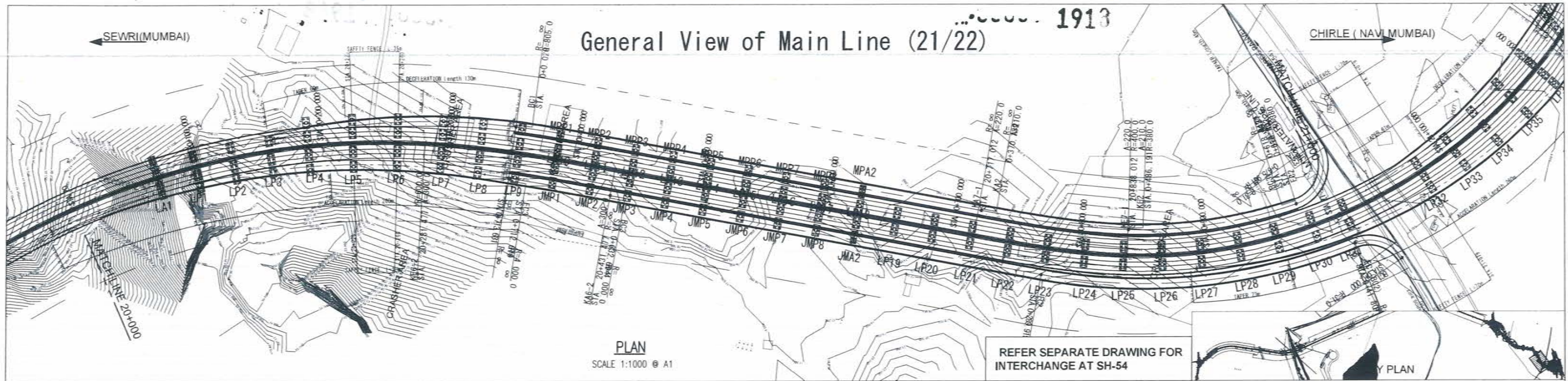
TITLE -
 General View of Main Line (20/22)
 FROM CH 19+000 TO CH 20+000

DATE _____ DRAWING NO. B-020 REV. _____



..... 1912





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PROJECT :-

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

TITLE :-

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

DATE

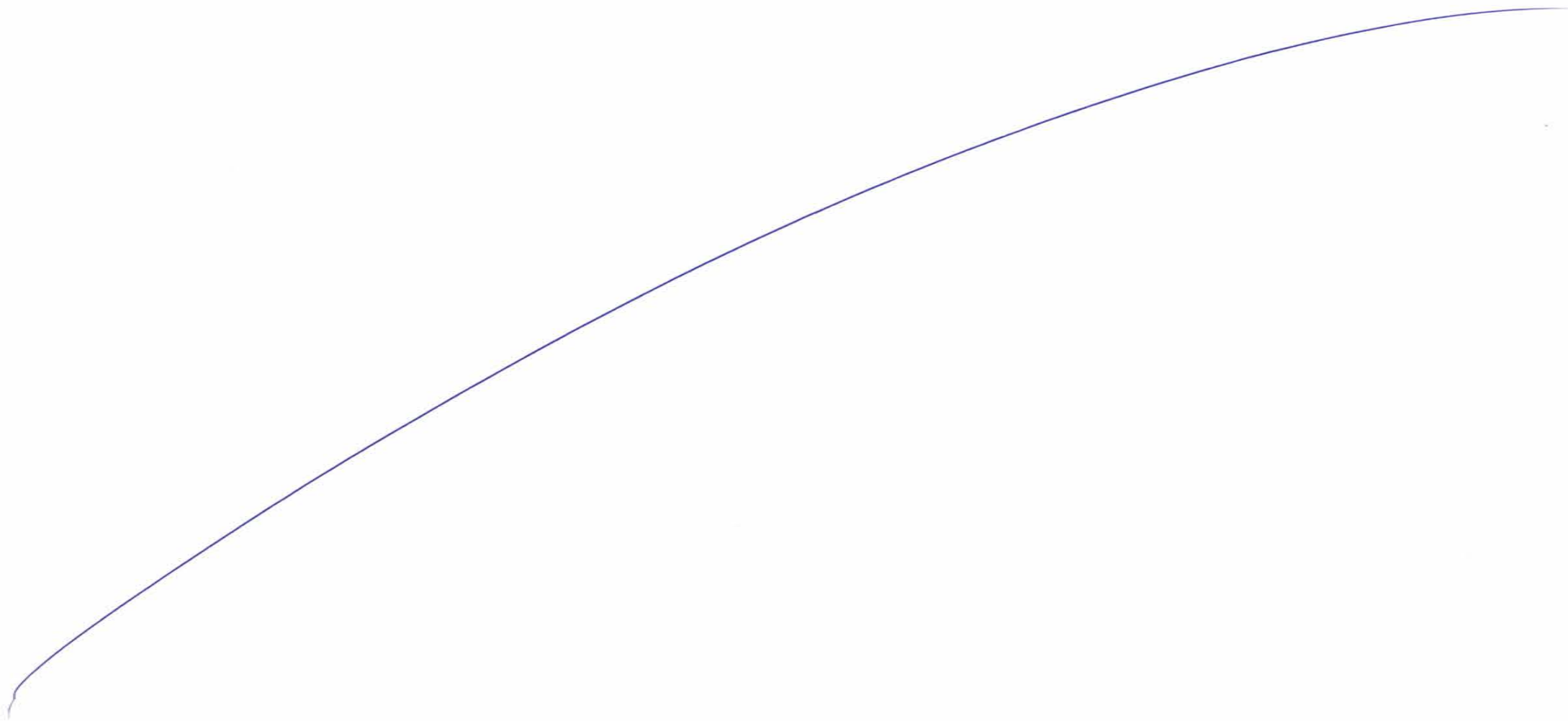
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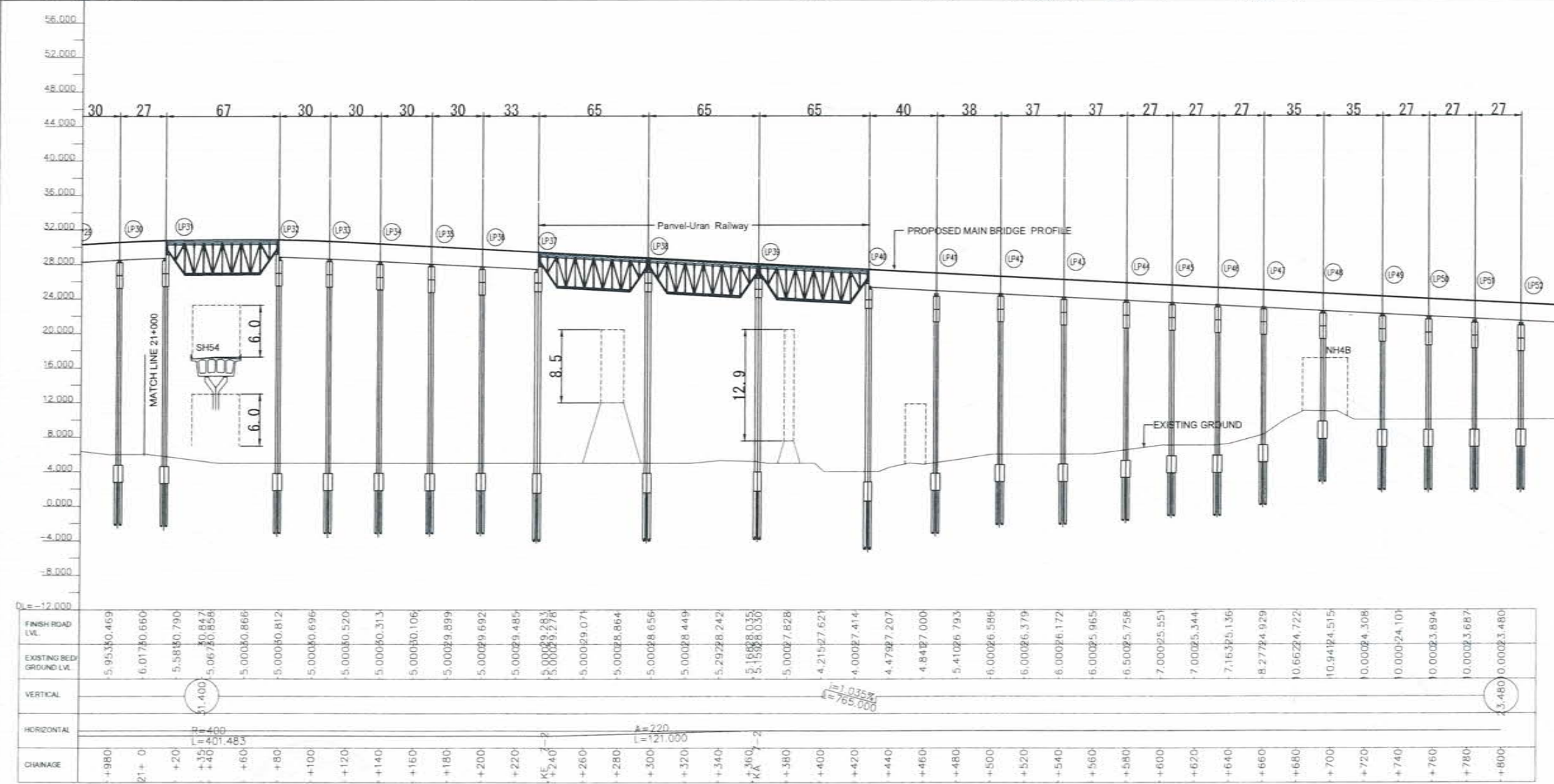
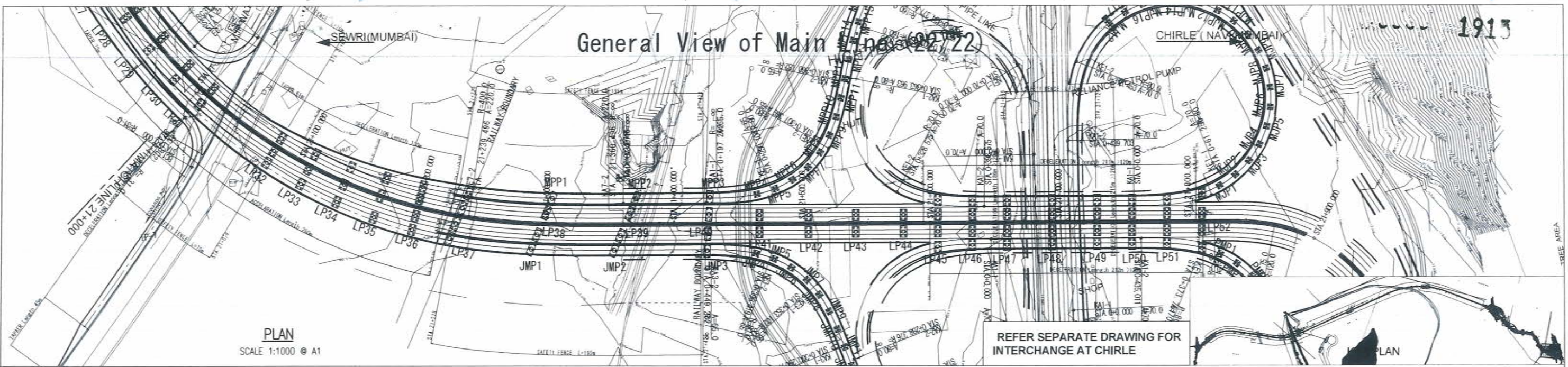
REV.

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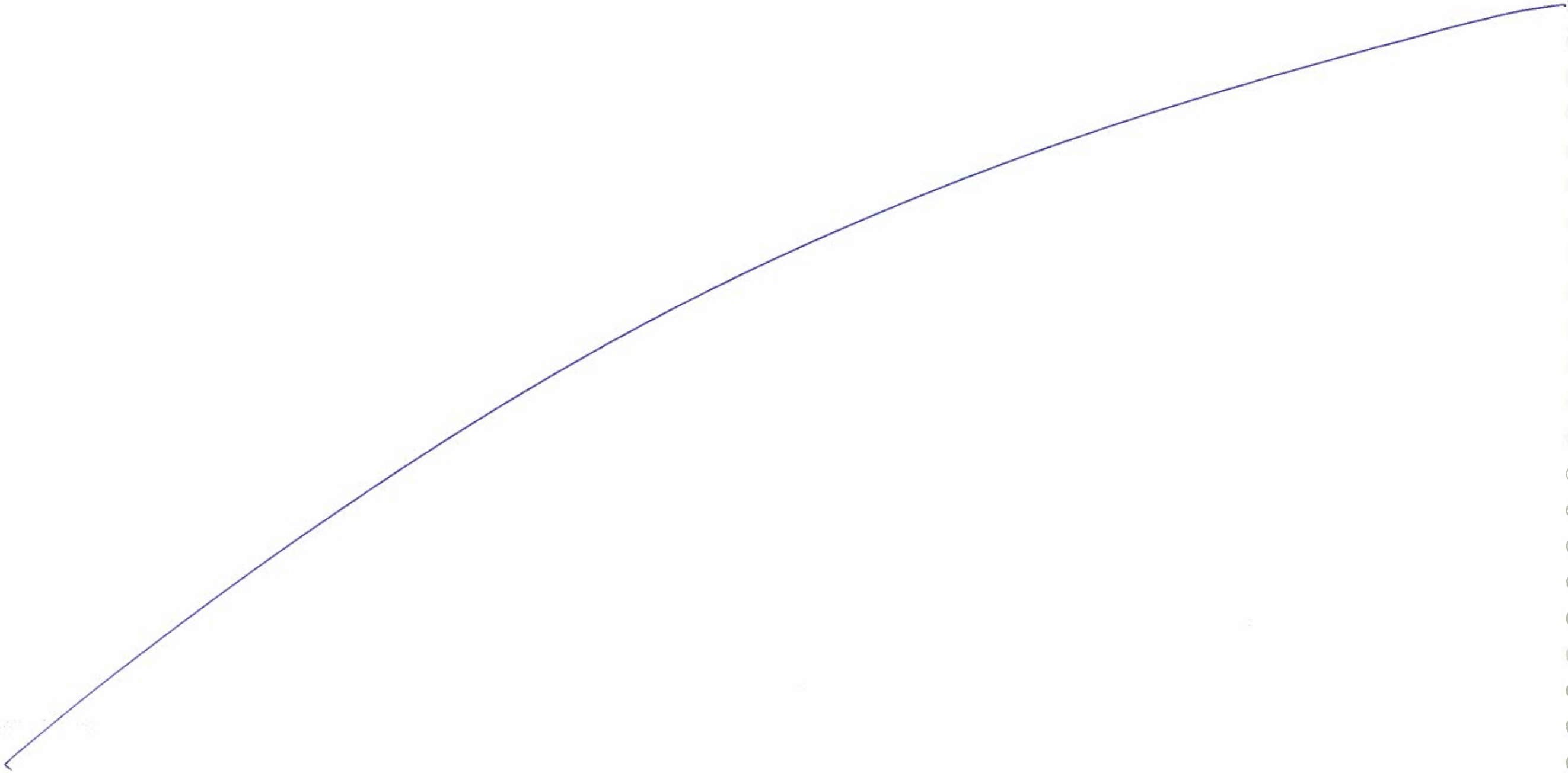
1914





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

<p>DRAWN BY</p> <p>CHECKED BY</p> <p>APPROVED BY</p>	<p>NAME</p> <p>SIGN</p>	 <p>MMRDA MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY</p>	<p>PROJECT :-</p> <p>MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS</p>	<p>TITLE :-</p> <p>General View of Main Line (22/22) FROM CH 21+000 TO CH 21+723</p>
				<p>DATE</p> <p>DRAWING NO. B-022</p> <p>REV.</p>

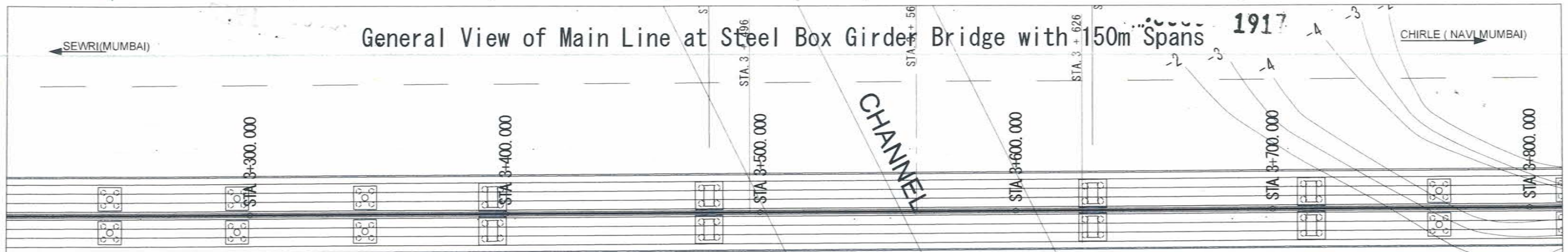


General View of Main Line at Steel Box Girder Bridge with 150m Spans

1917

SEWRI (MUMBAI)

CHIRLE (NAVIMUMBAI)



MP56

MP57

MP58

MP59

MP60

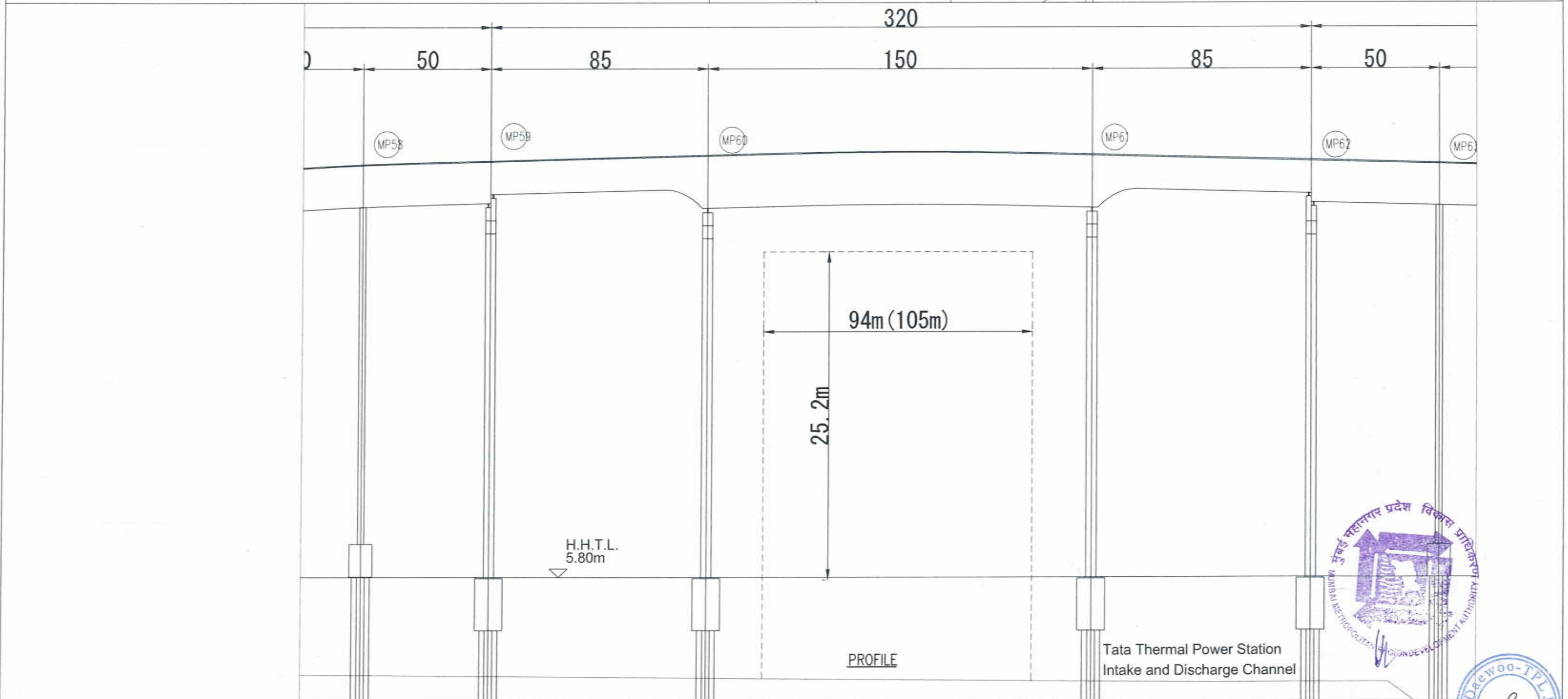
PLAN

MP61

MP62

MP63

MP



PROFILE

Tata Thermal Power Station Intake and Discharge Channel



NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



MMRDA

MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

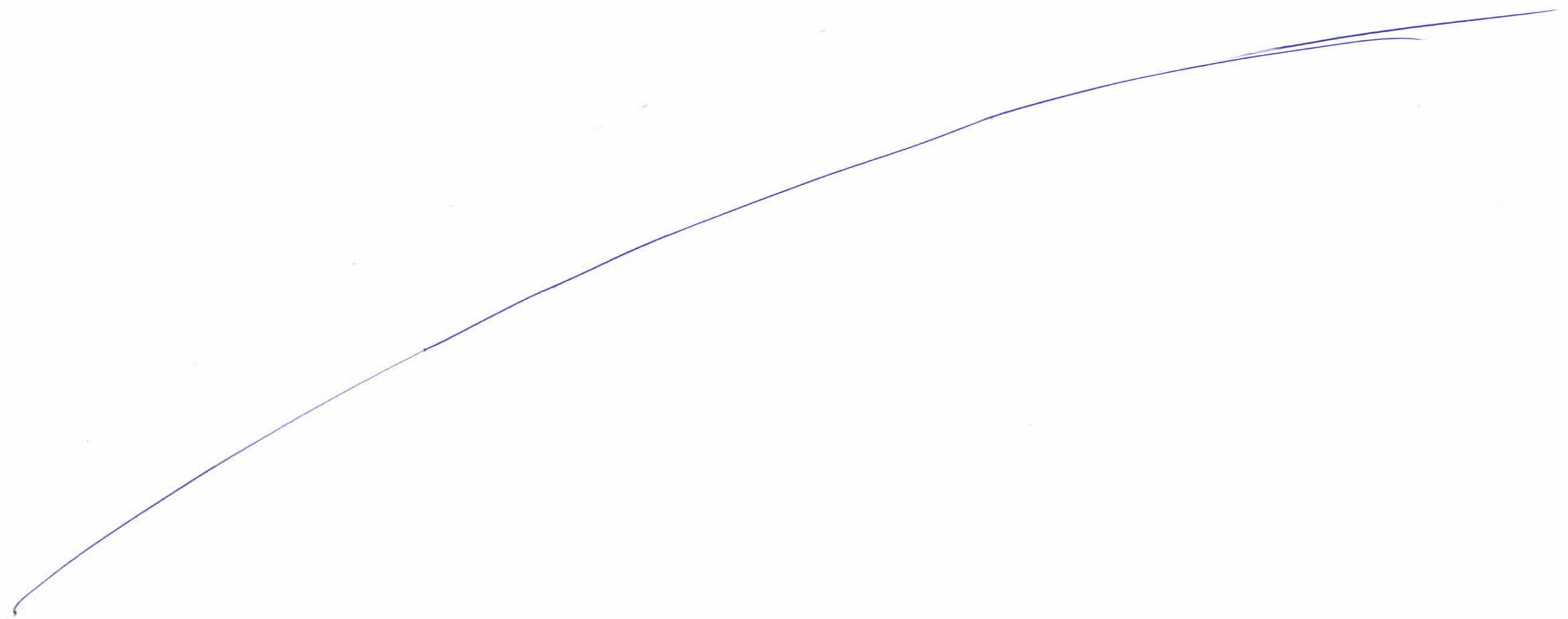
PROJECT :-

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

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

DATE	DRAWING NO. B-023	REV.
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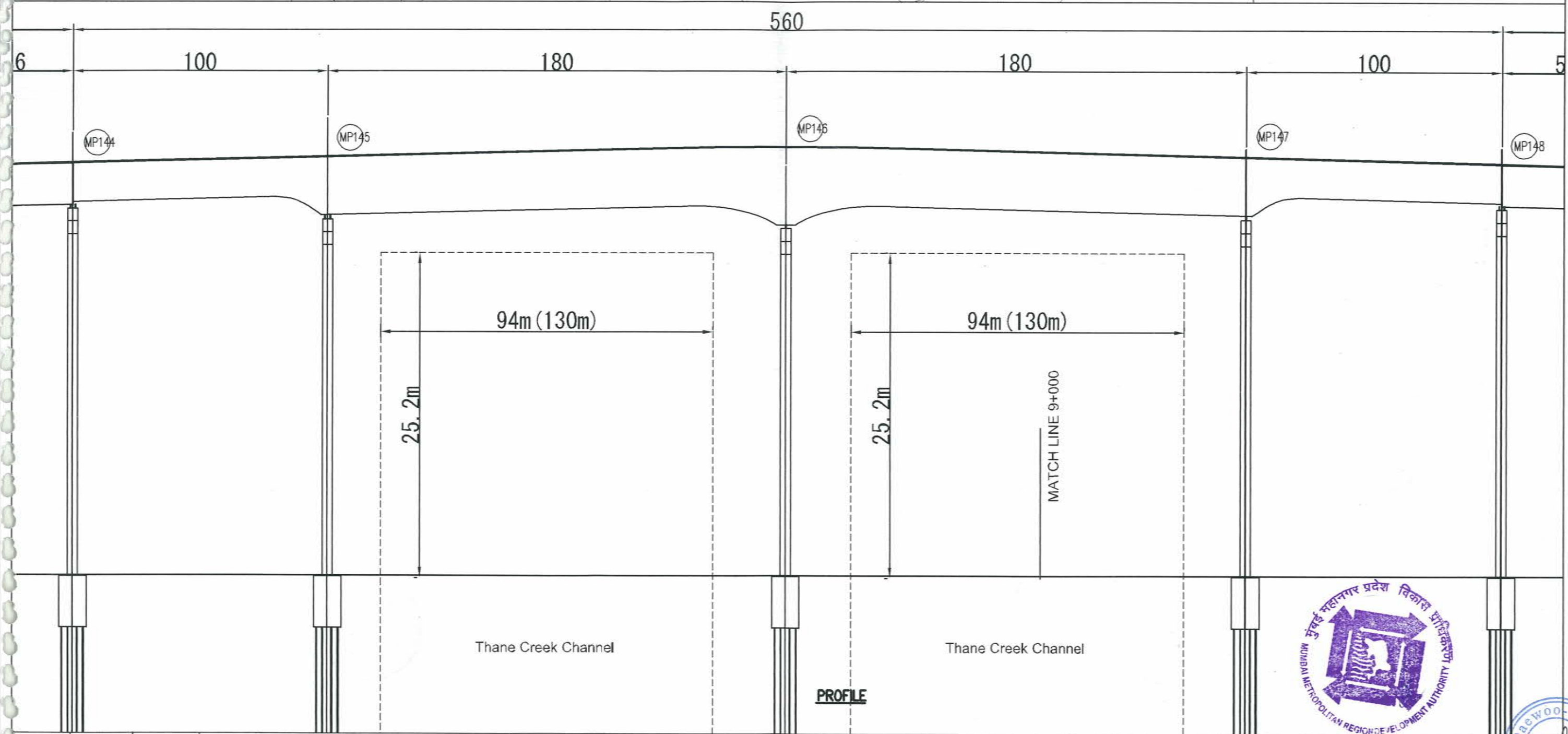
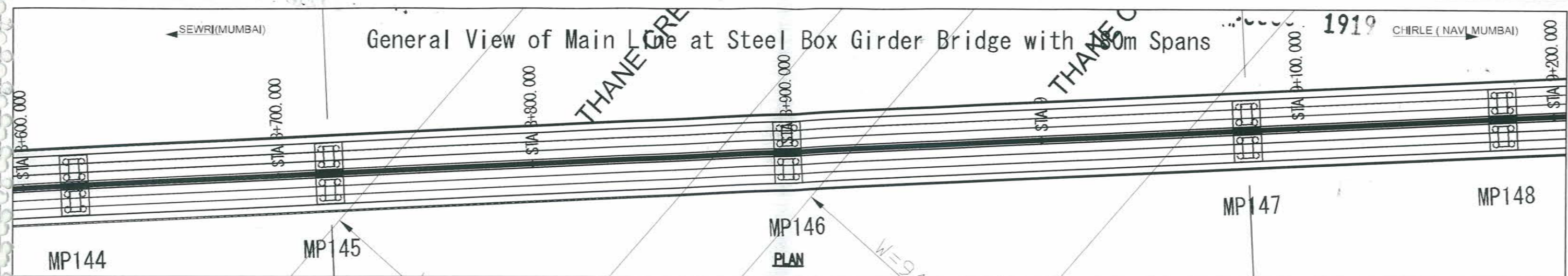
..... 1918



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

SEWRI (MUMBAI)

1919 CHIRLE (NAVI MUMBAI)



DATE	DRAWING NO.	REV.
	B-024	

MMRDA
MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY

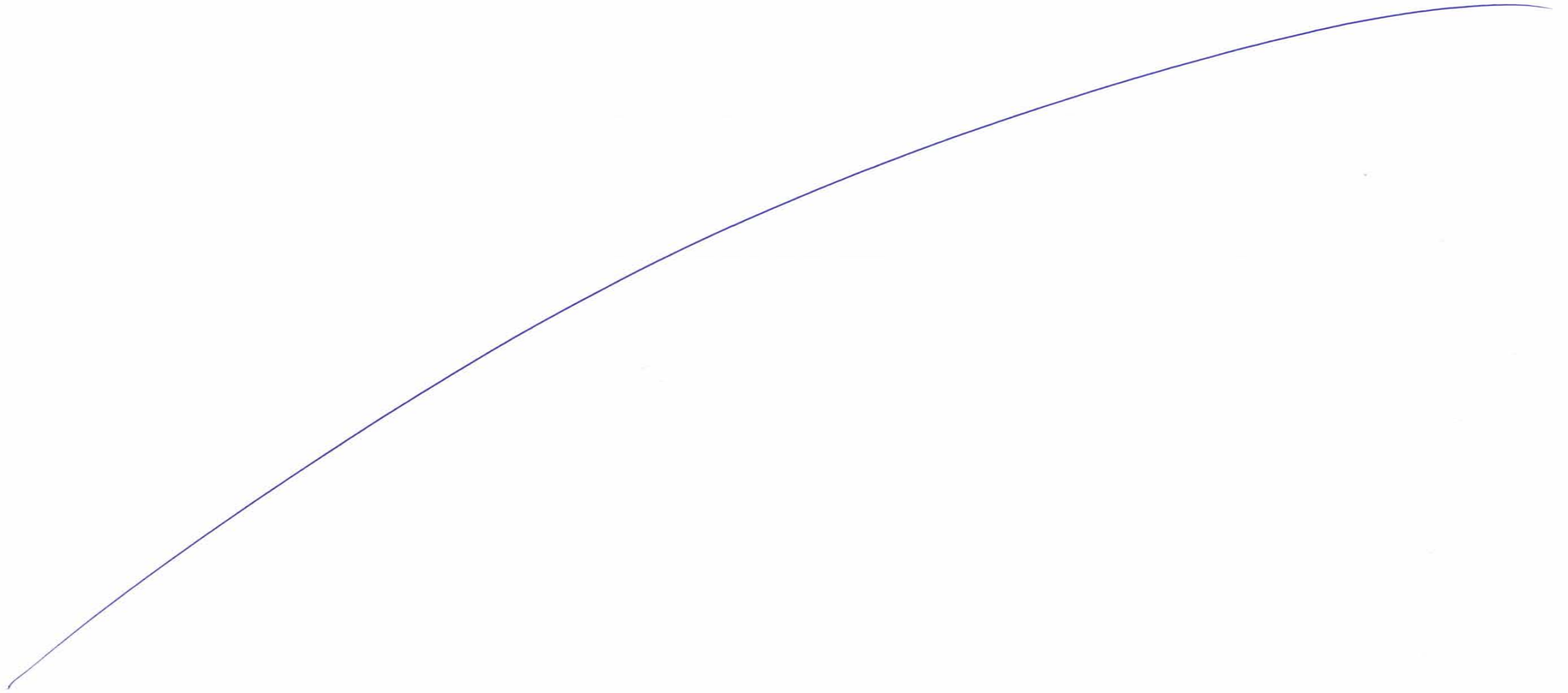
PROJECT:-
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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

DATE: _____ DRAWING NO. B-024 REV. _____



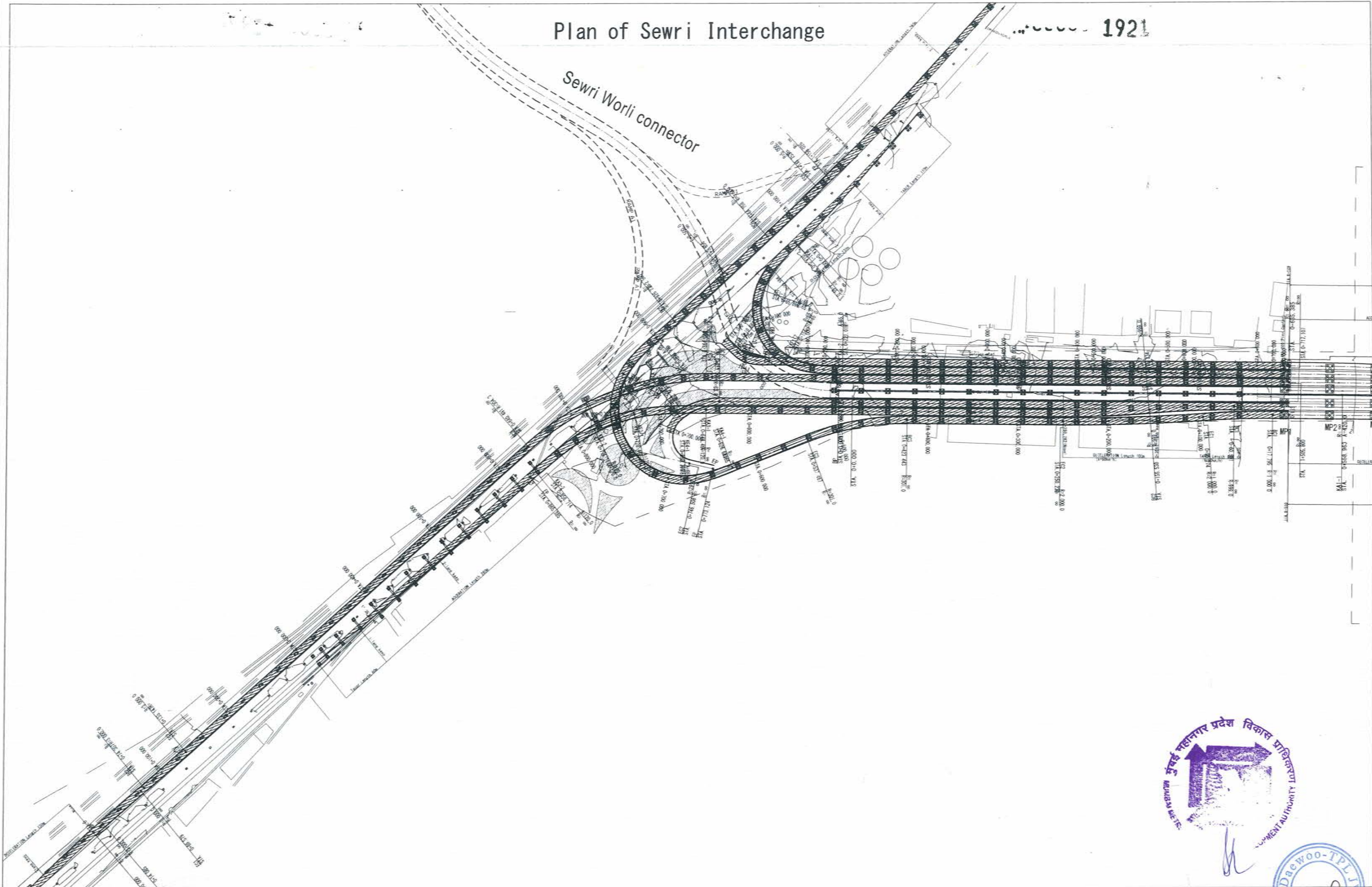
1929



Plan of Sewri Interchange

1921

Sewri Worli connector



	NAME	SIGN
DRAWN BY		
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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT >

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE >

Plan of Sewri Interchange

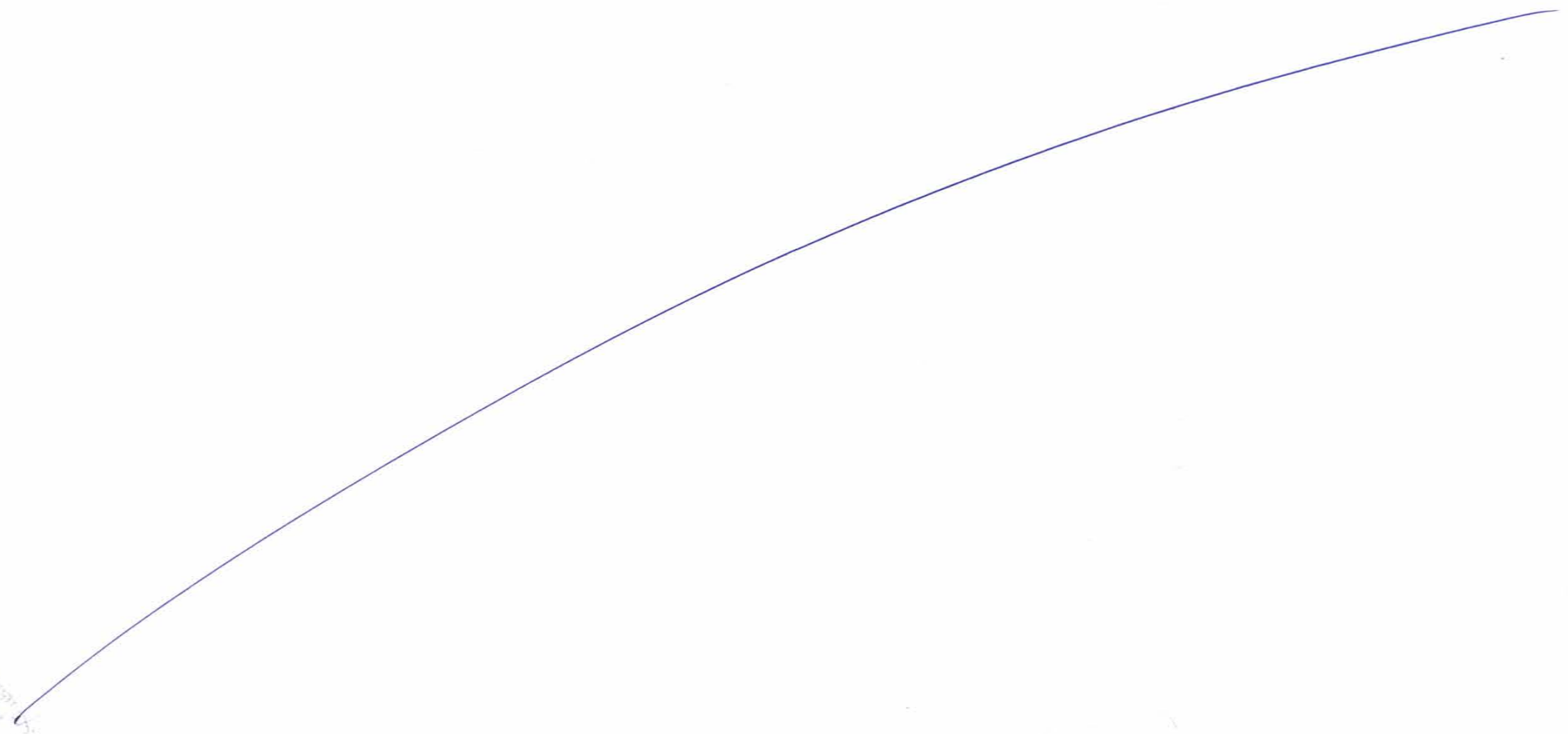
DATE

DRAWING NO.

B-025

REV.

1922

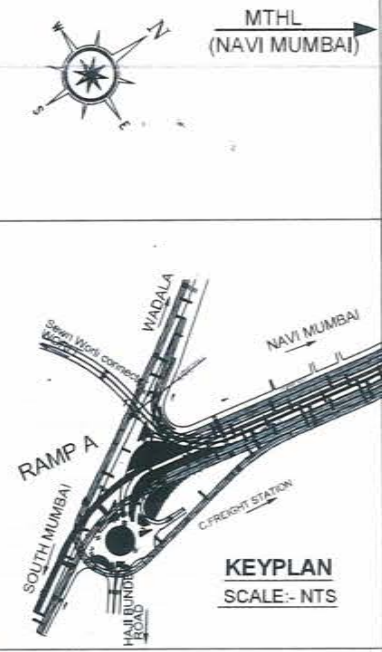
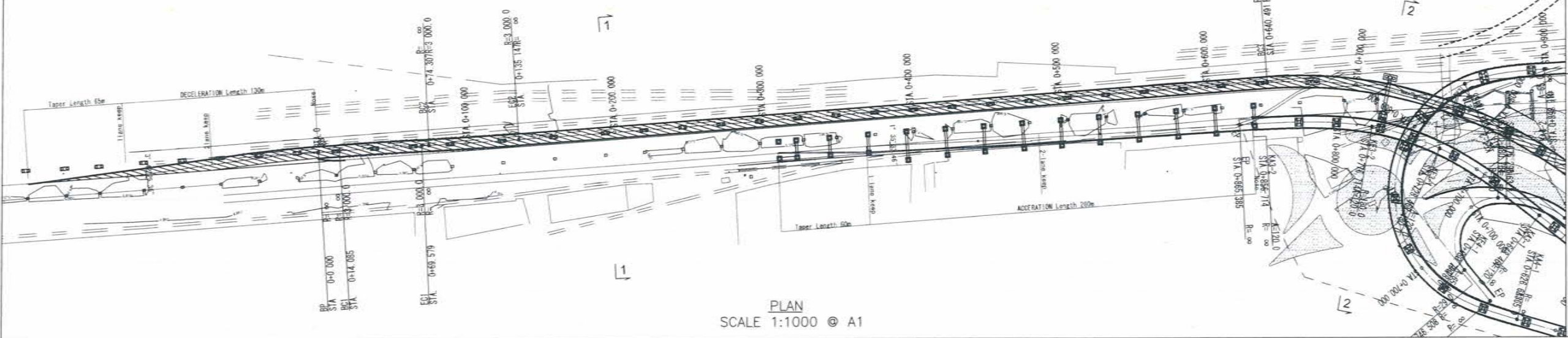


EASTERN FREEWAY SOUTH (COLABA)

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

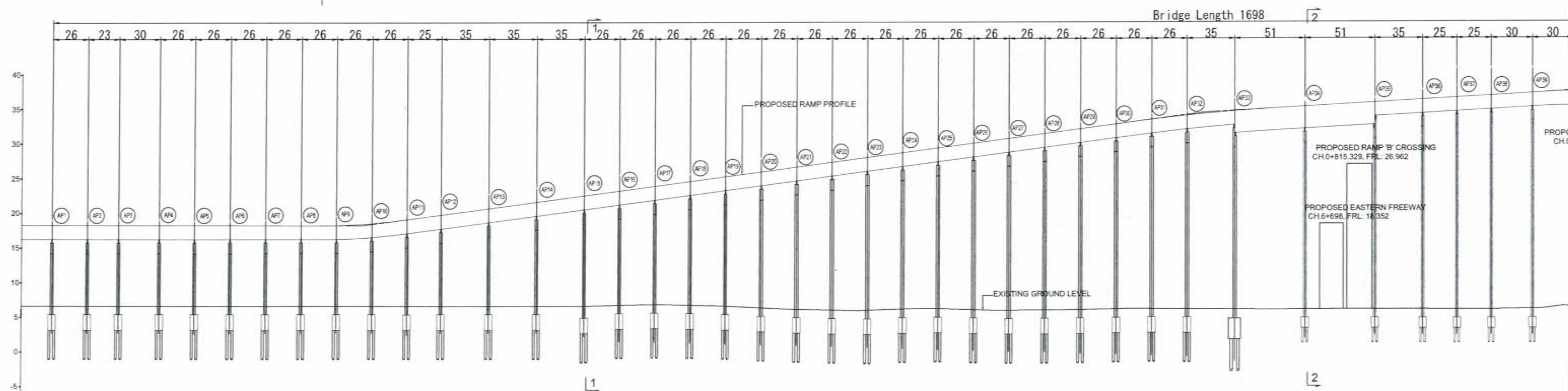
1923

MTHL (NAVI MUMBAI)



EASTERN FREEWAY (COLABA)

MTHL (NAVI MUMBAI)



Level Datum -0.000	CHAINAGE	FINISH ROAD LVL	EXISTING GROUND LVL	HORIZONTAL	VERTICAL
	0+000	6.599	6.599	R=3000.0m	(1.20)
	10+000	6.599	6.599	L=14.7m	(1.10)
	20+000	6.599	6.599	R=3000.0m	(1.20)
	30+000	6.599	6.599	L=14.7m	(1.10)
	40+000	6.599	6.599	R=3000.0m	(1.20)
	50+000	6.599	6.599	L=14.7m	(1.10)
	60+000	6.599	6.599	R=3000.0m	(1.20)
	70+000	6.599	6.599	L=14.7m	(1.10)
	80+000	6.599	6.599	R=3000.0m	(1.20)
	90+000	6.599	6.599	L=14.7m	(1.10)
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	630+000	6.599	6.599	L=14.7m	(1.10)
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PROFILE
SCALE H=1:1000 V=1:400 @ A1

NAME	SGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

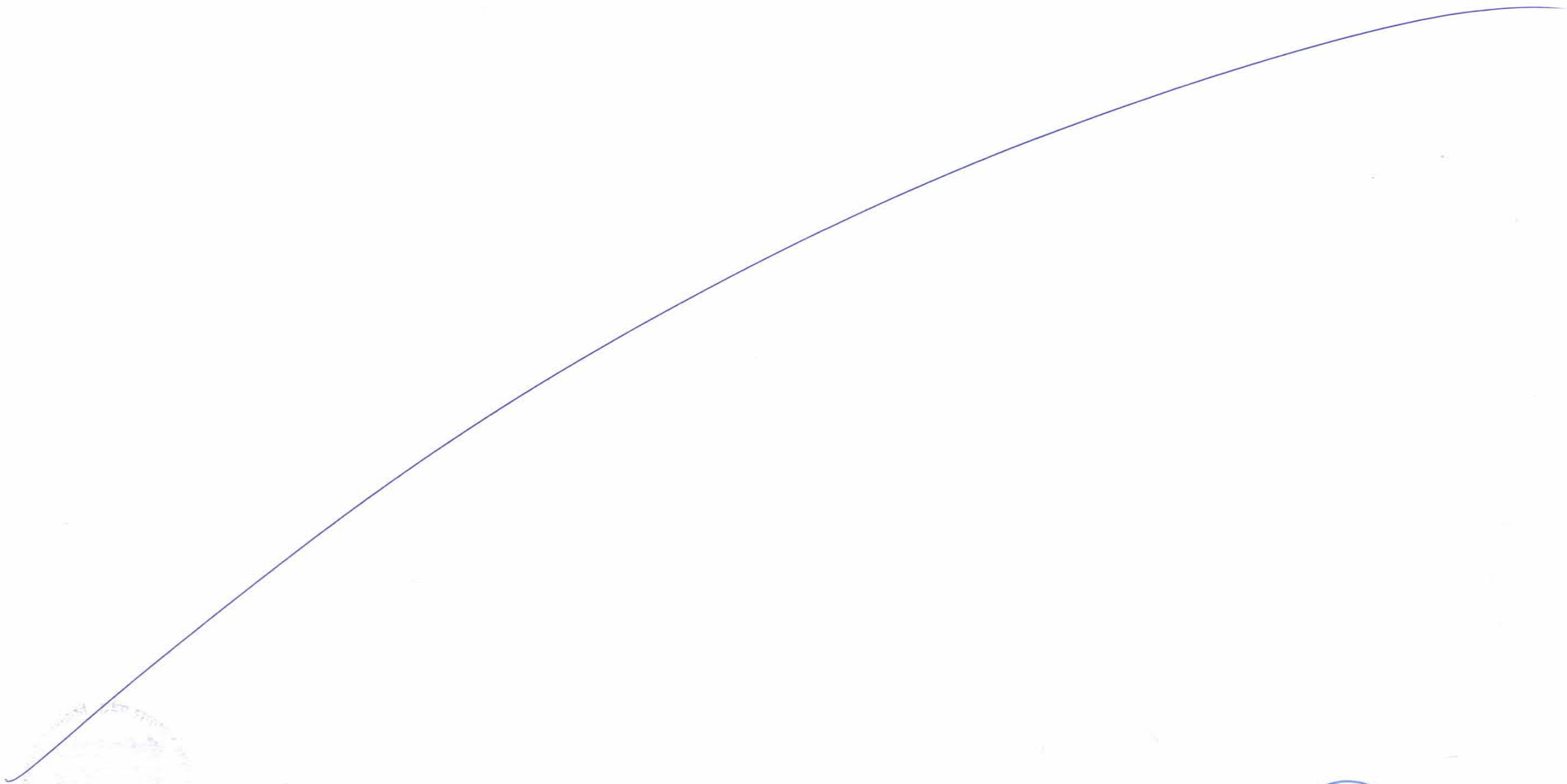


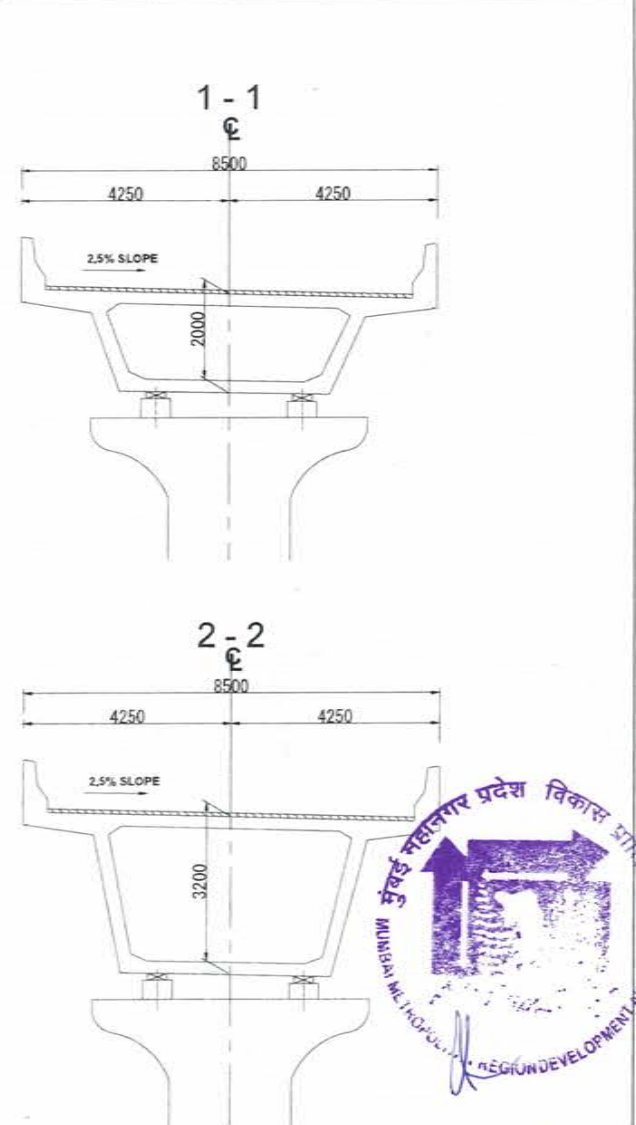
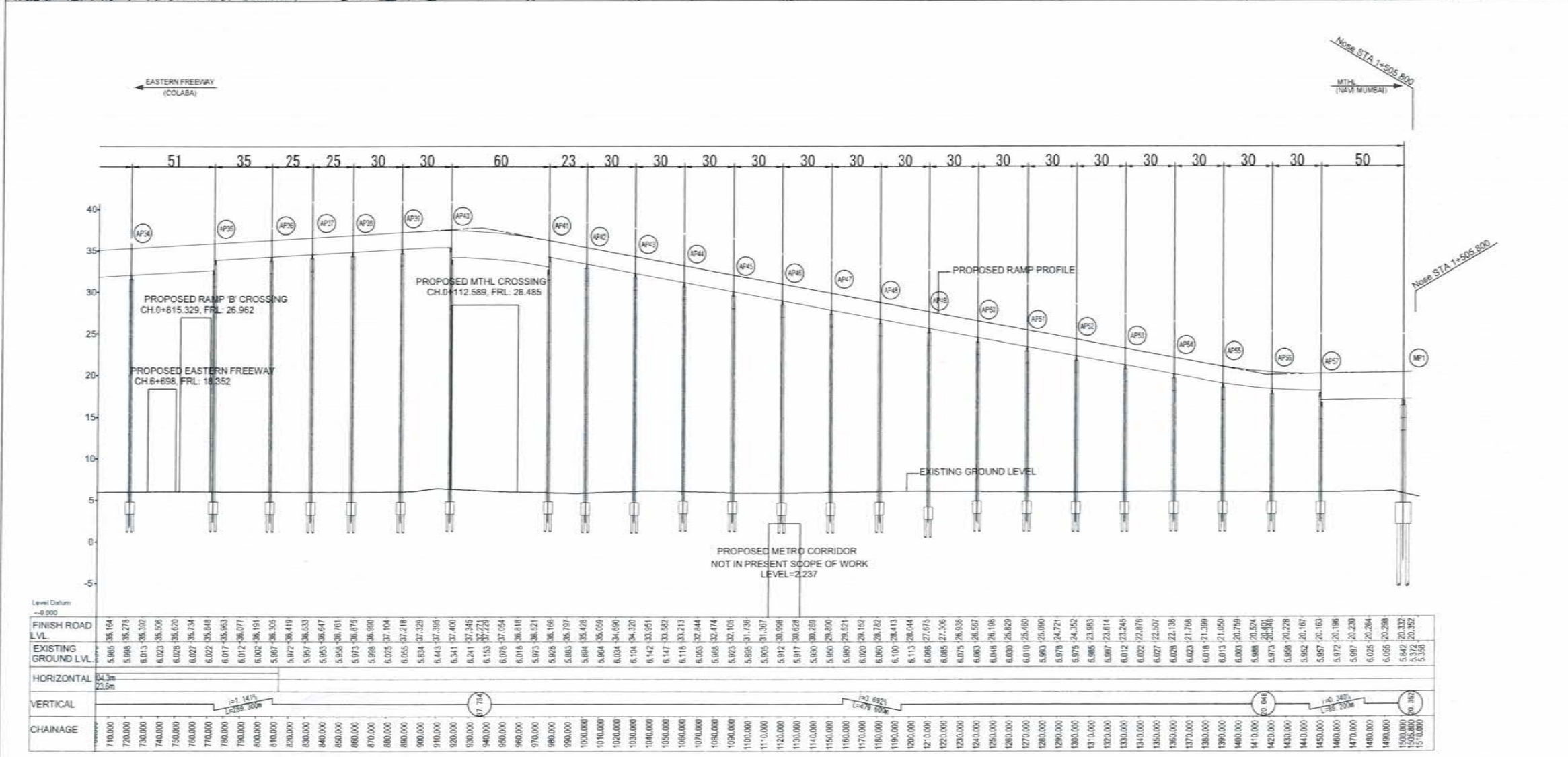
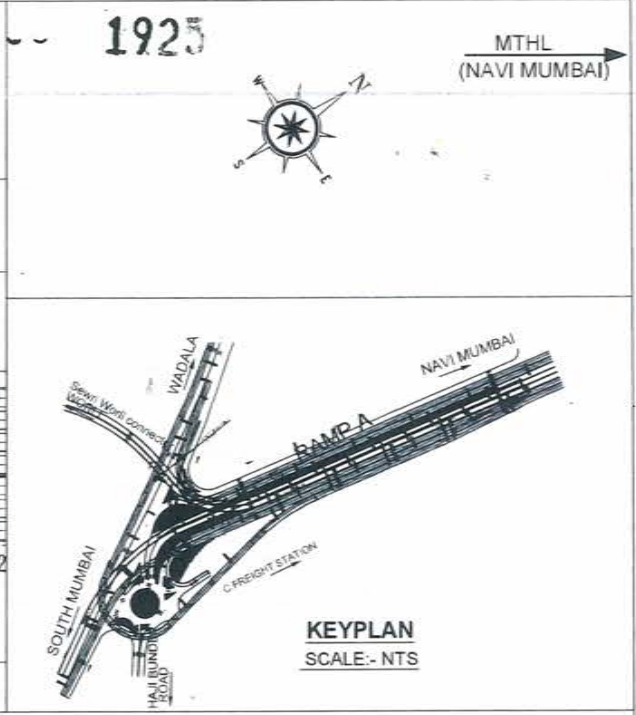
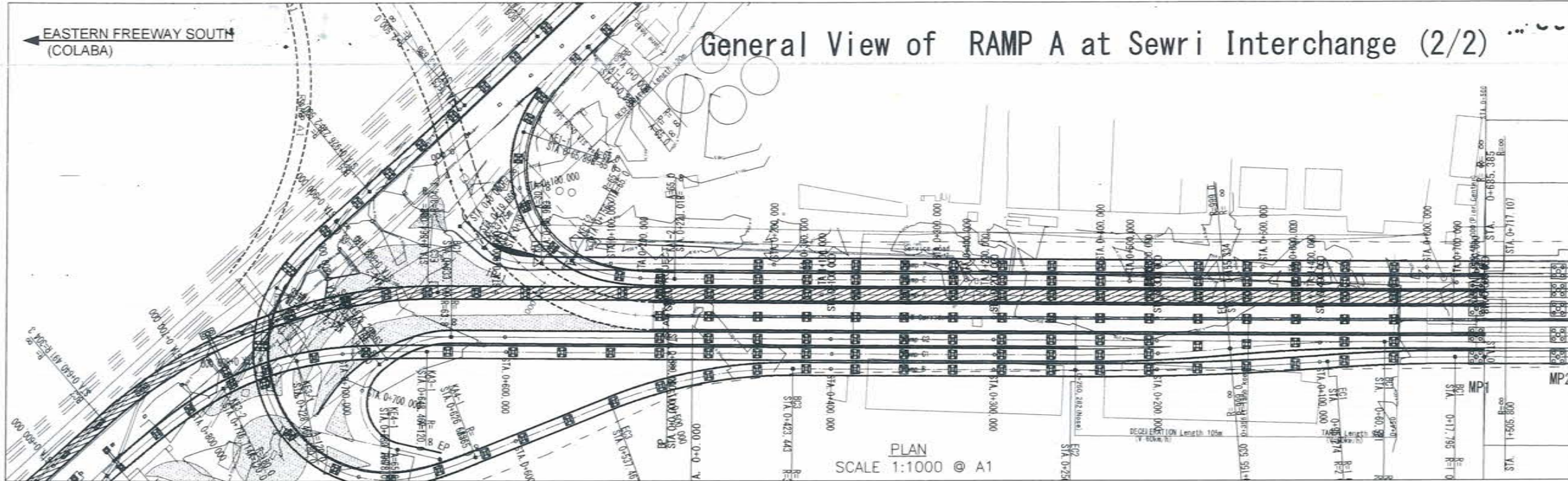
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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



1924





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

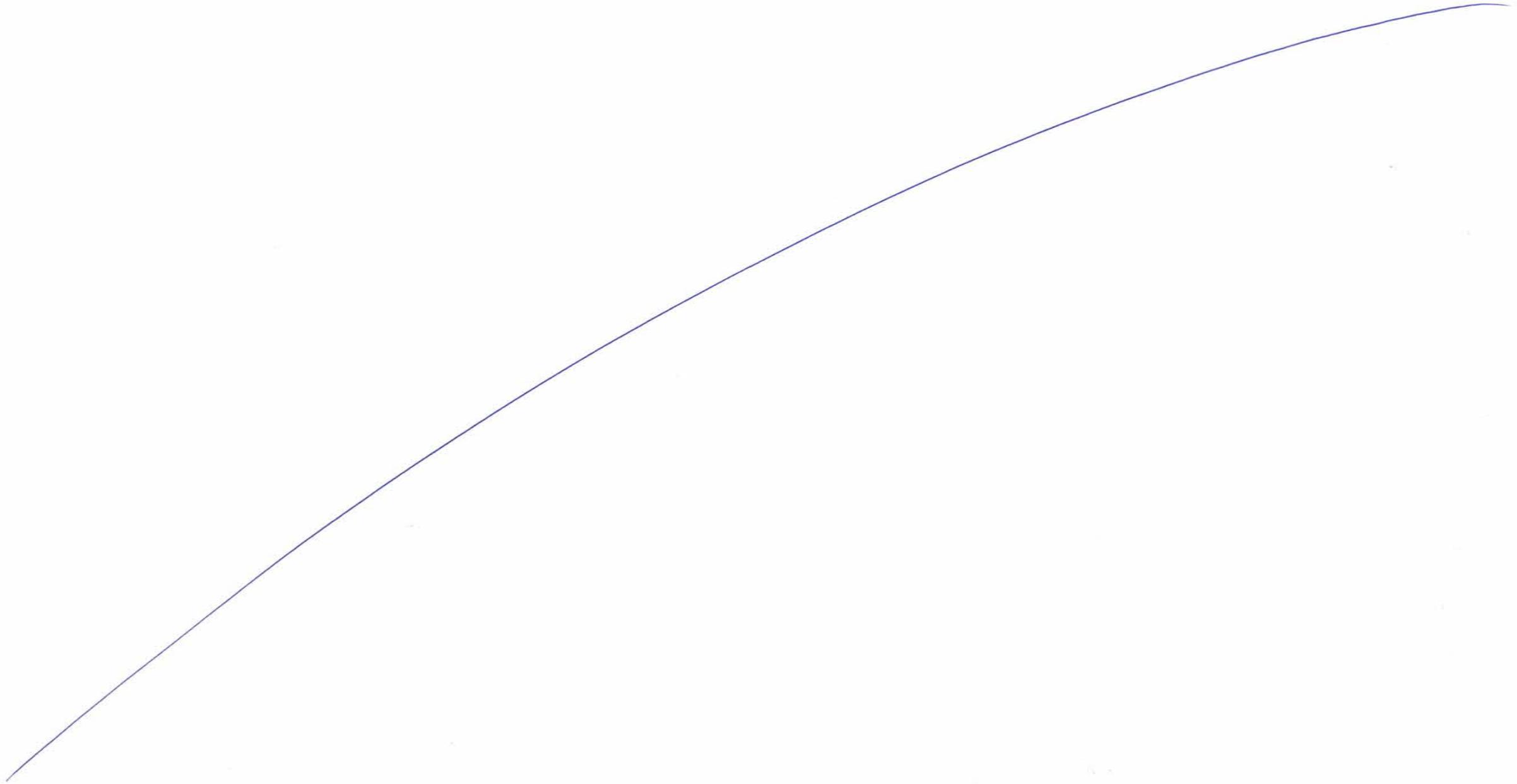
DRAWN BY	NAME	SIGN	MMRDA MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY	MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS
CHECKED BY				
APPROVED BY				

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

DATE: _____ **DRAWING NO.** B-027 **REV.** _____



1926

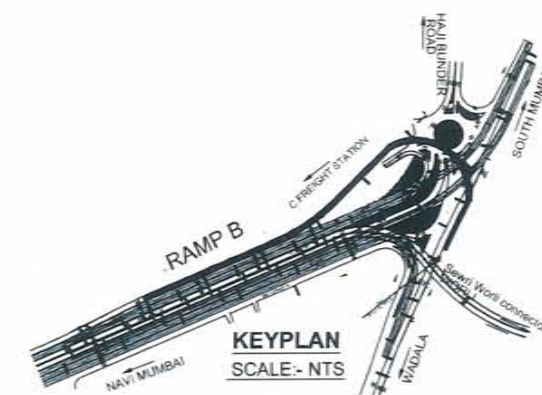
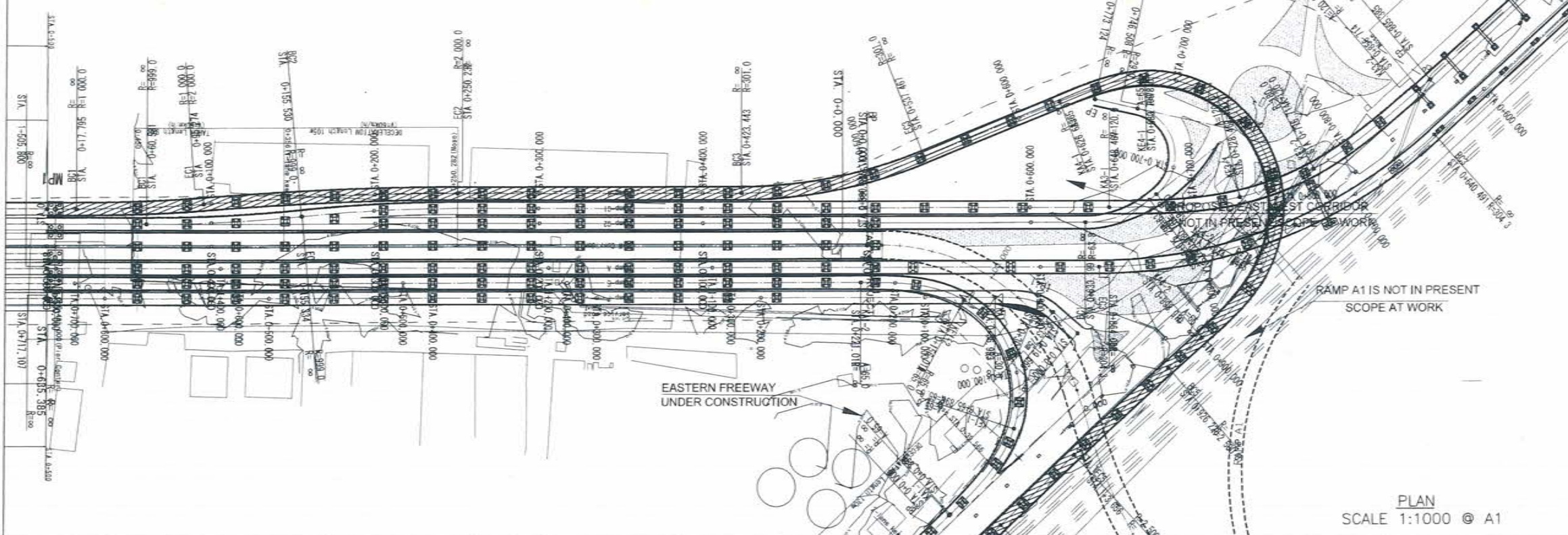


MTHL
(NAVI MUMBAI)

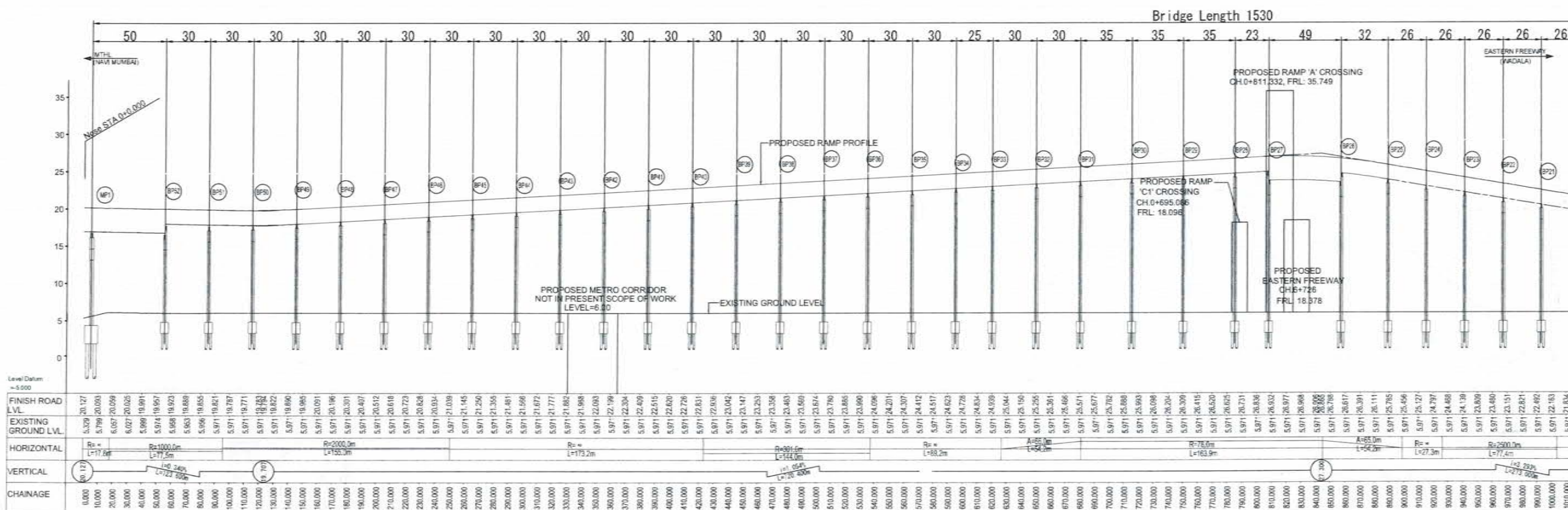
General View of RAMP B at Sewri Interchange (1/2)

1927

EASTERN FREEWAY
(WADALA)



PLAN
SCALE 1:1000 @ A1



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



NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

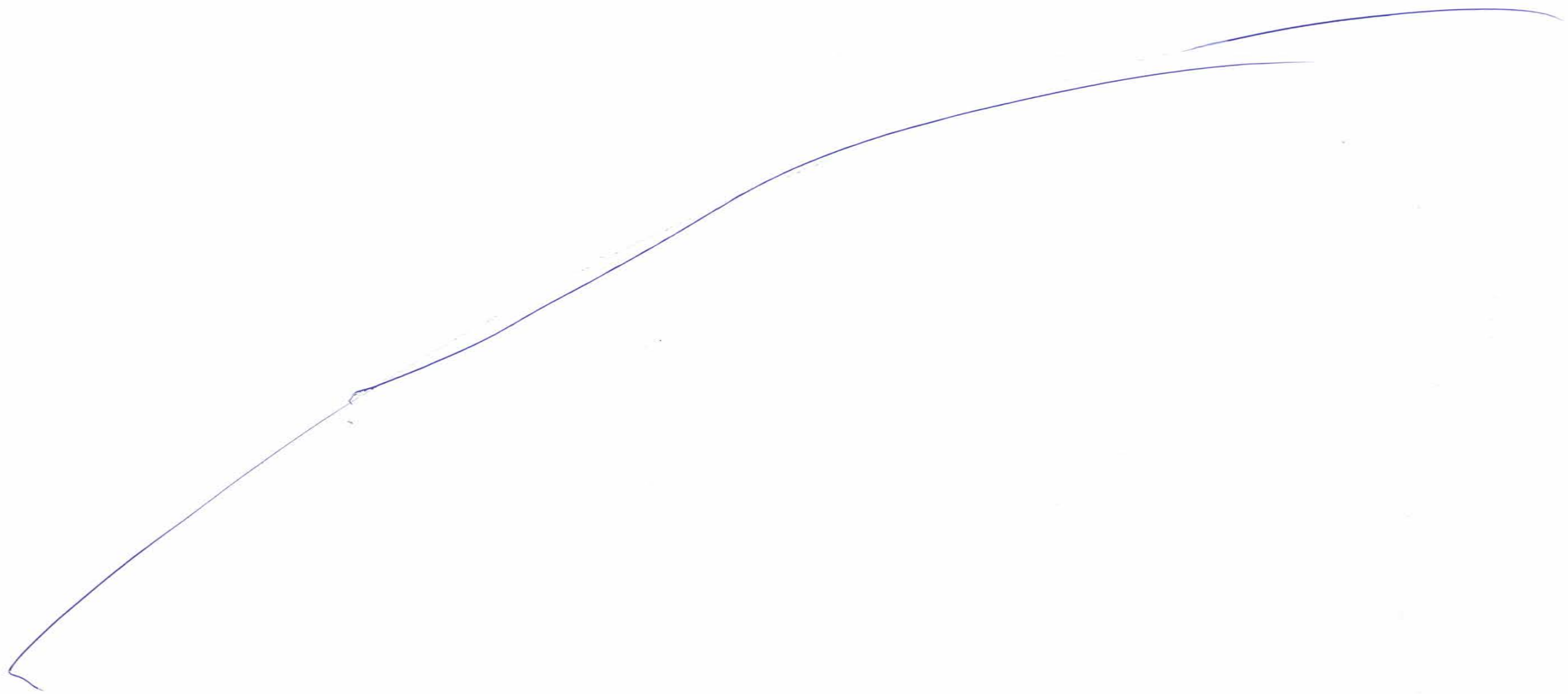
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

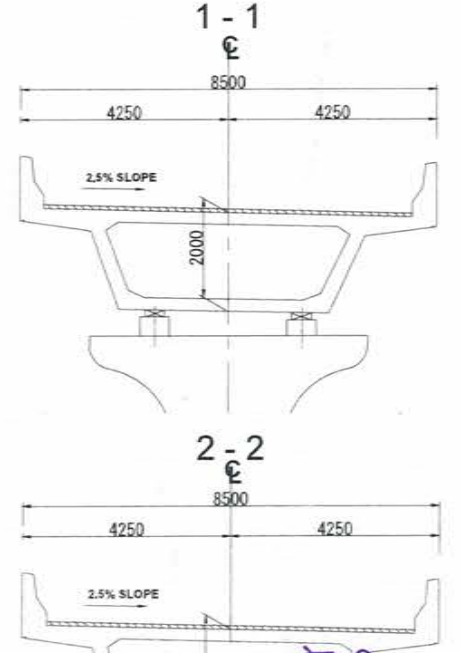
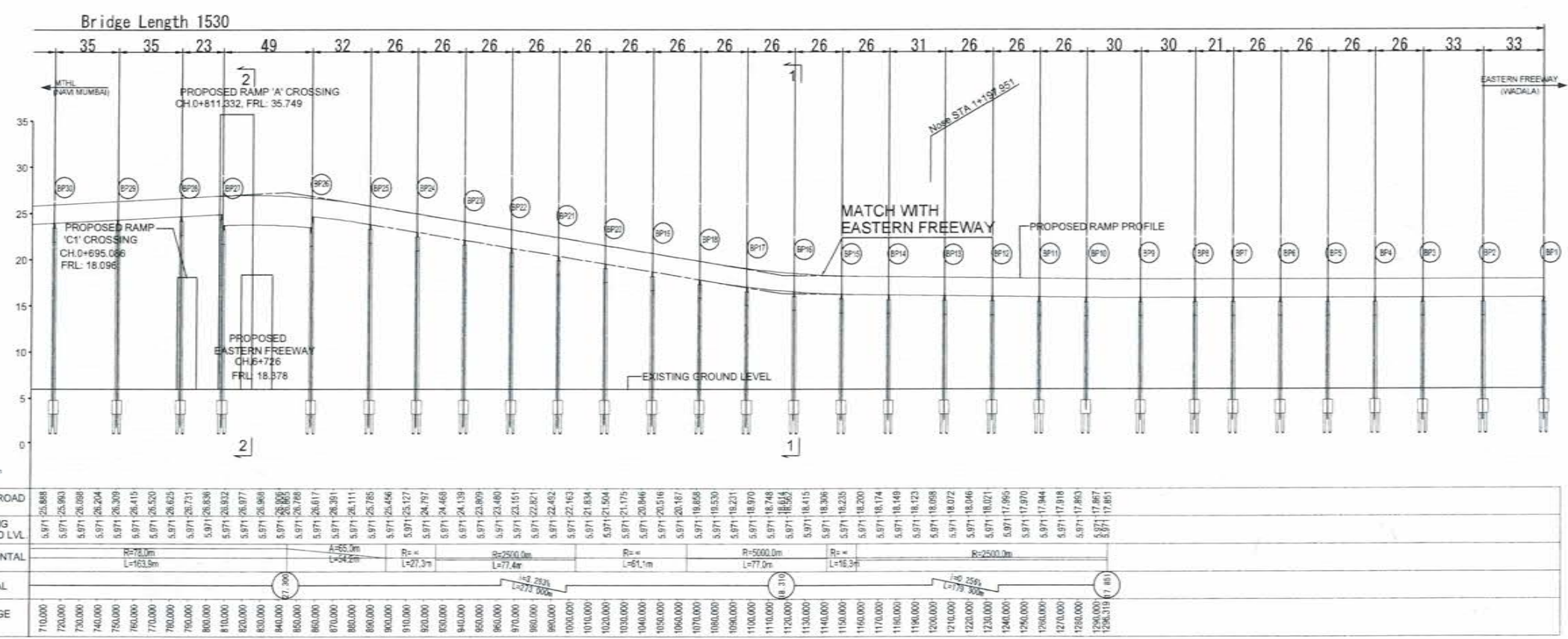
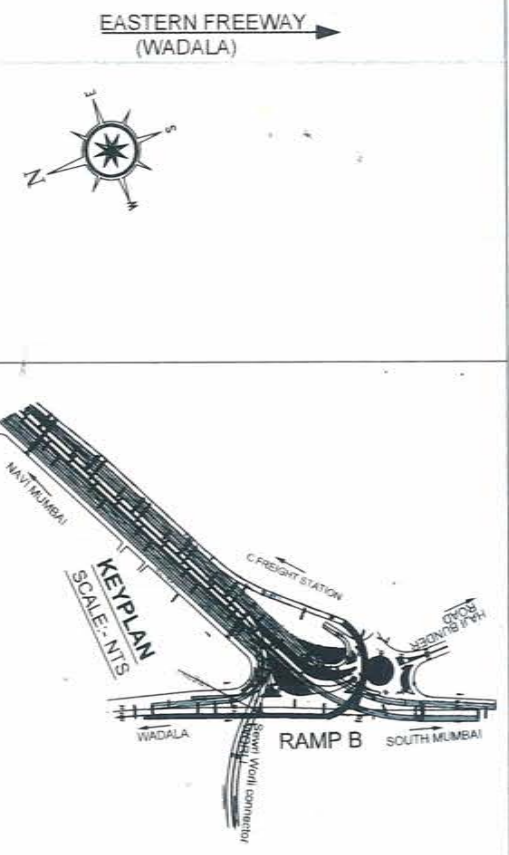
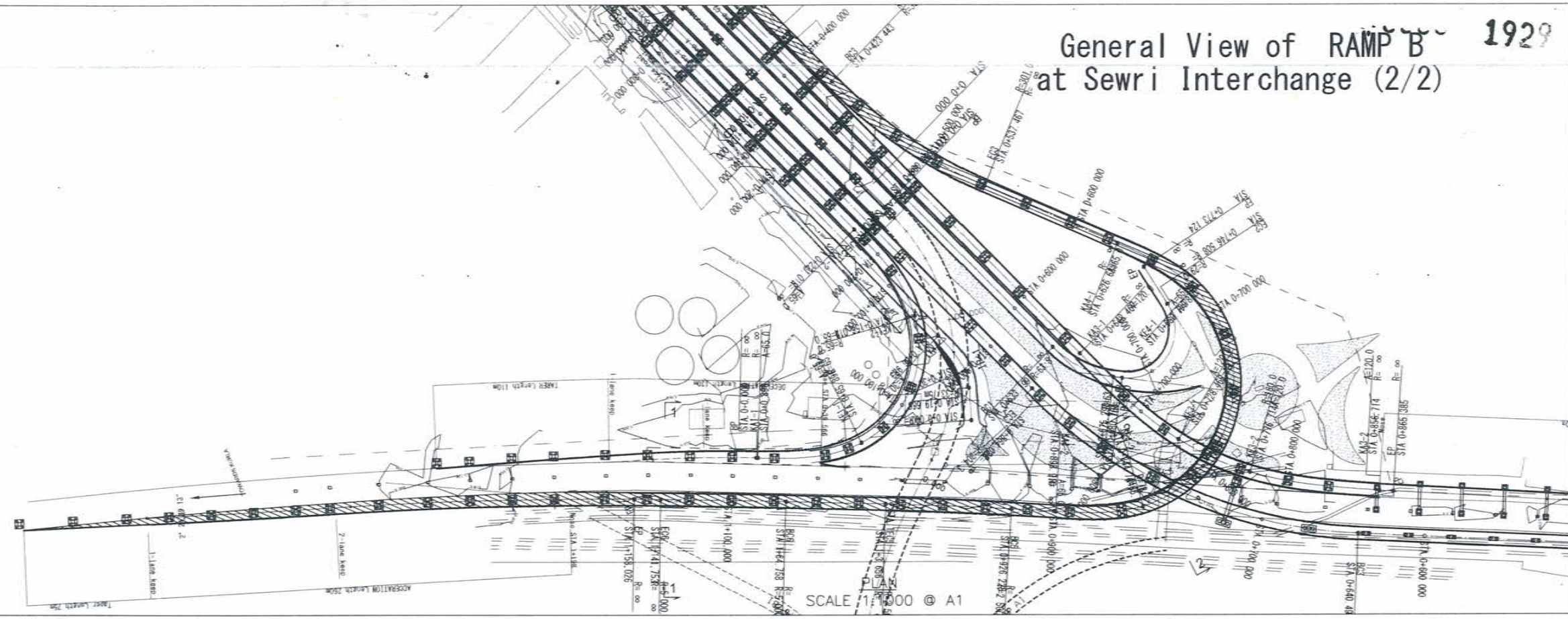
TITLE - General View of RAMP B at Sewri Interchange (1/2)		
DATE	DRAWING NO.	REV.
	B-028	



1928



General View of RAMP B¹⁹²⁹ at Sewri Interchange (2/2)



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



NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

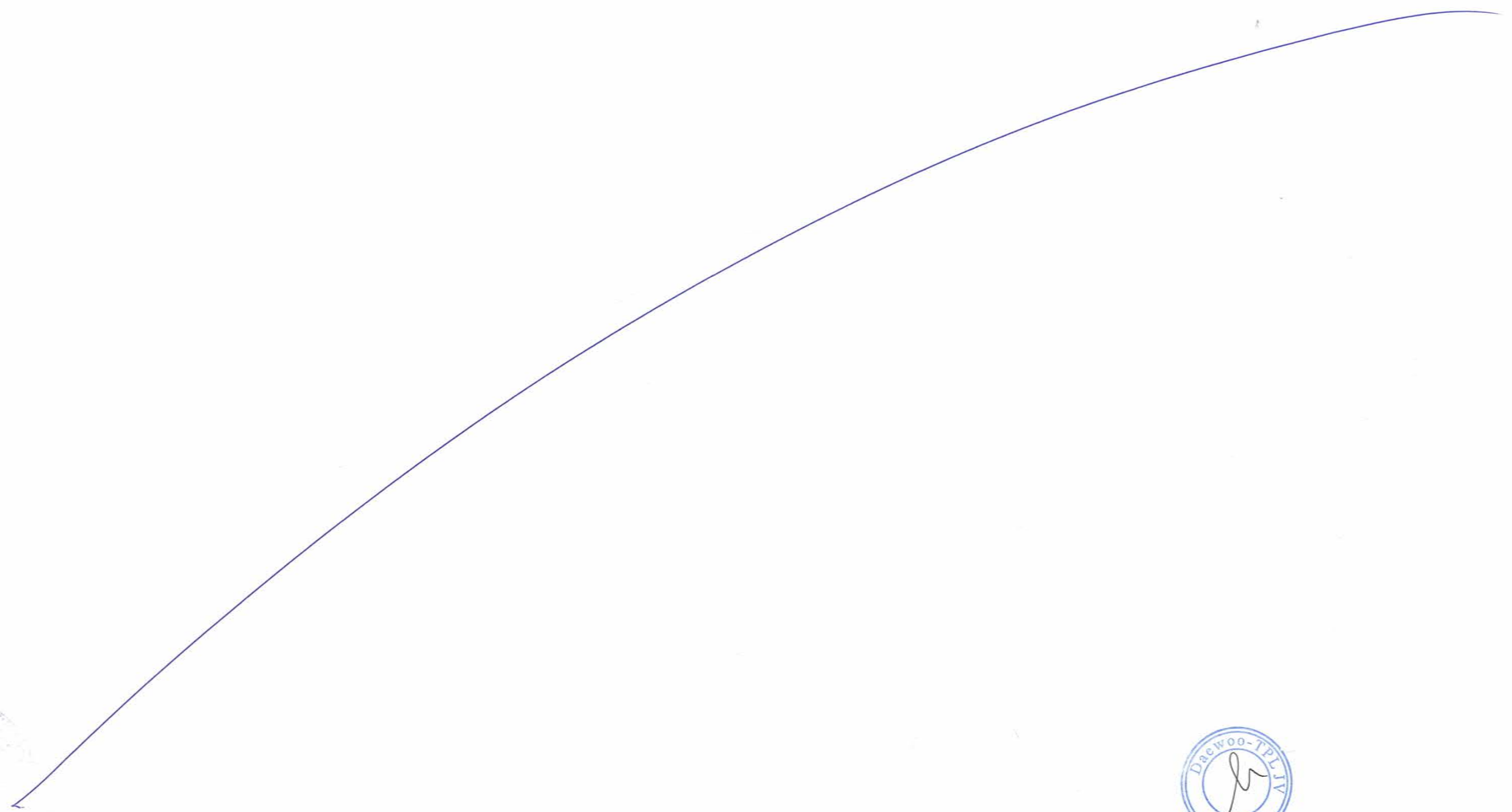


PROJECT -
**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE -
General View of RAMP B
at Sewri Interchange (2/2)

DATE: _____ DRAWING NO. B-029 REV. _____

1930

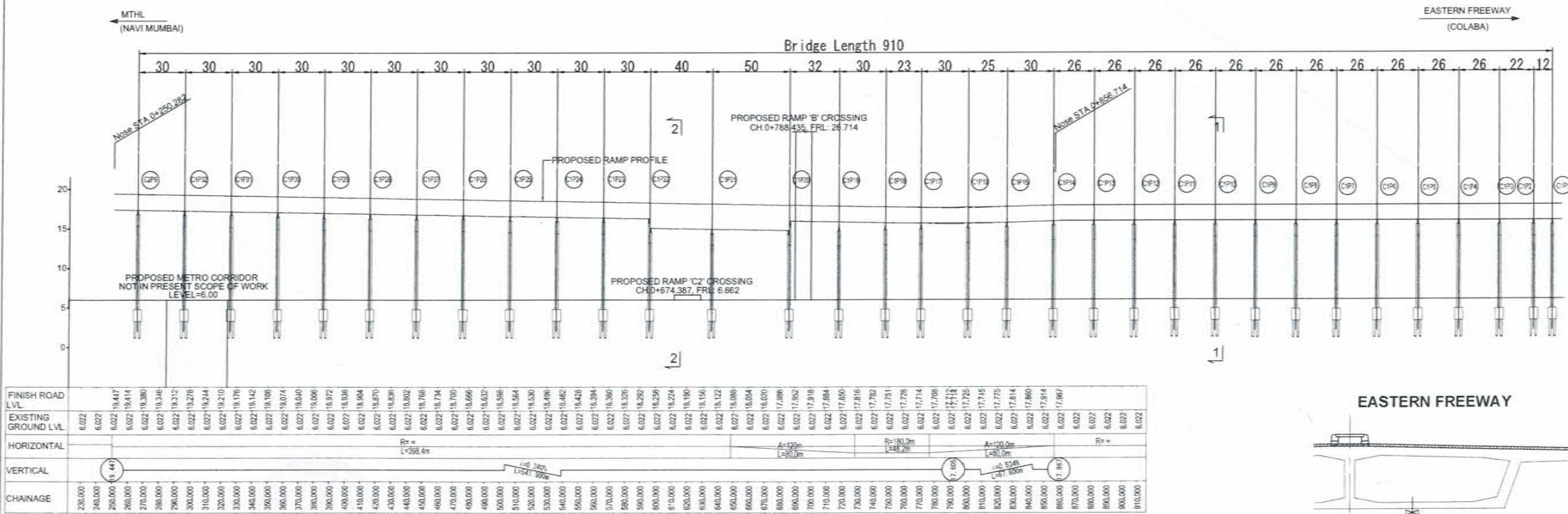
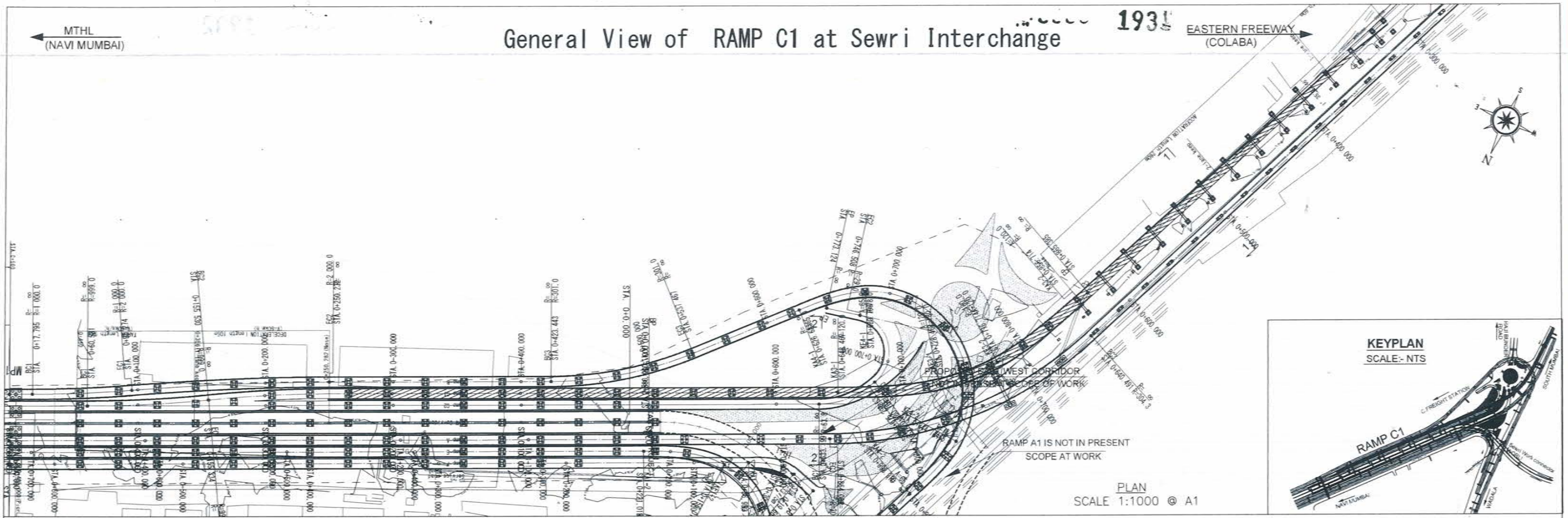


MTHL
(NAVI MUMBAI)

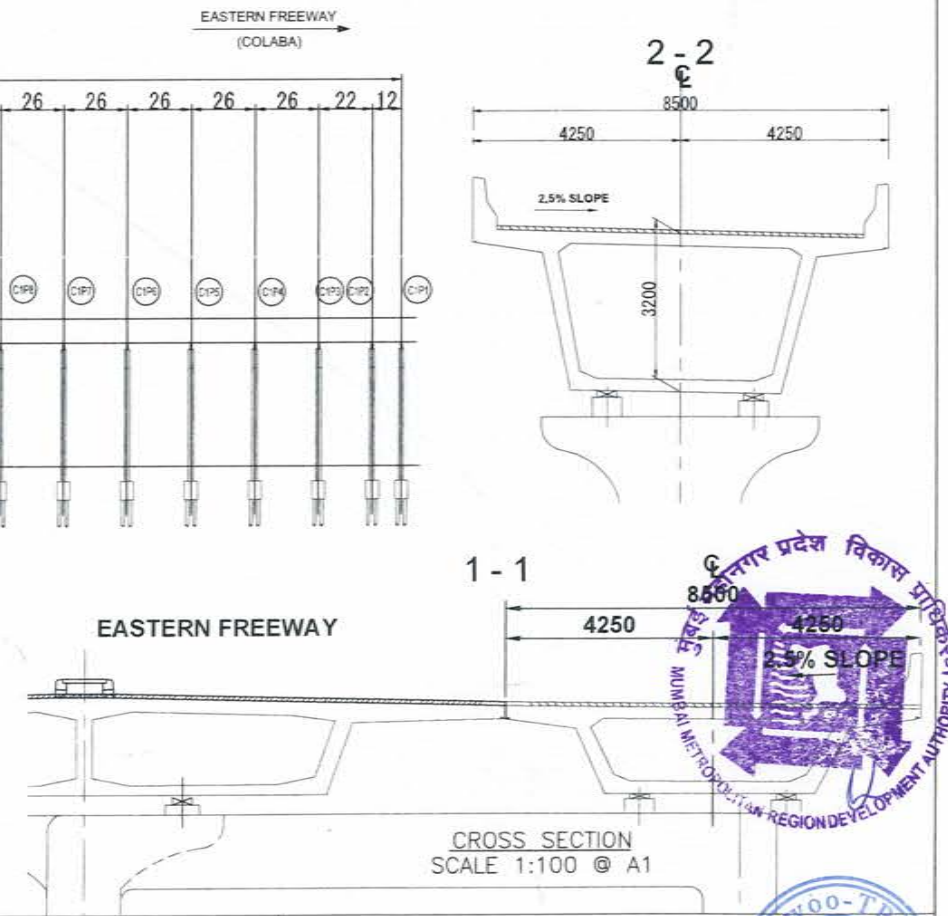
General View of RAMP C1 at Sewri Interchange

1931

EASTERN FREEWAY
(COLABA)



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



NAME	SIGN

MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

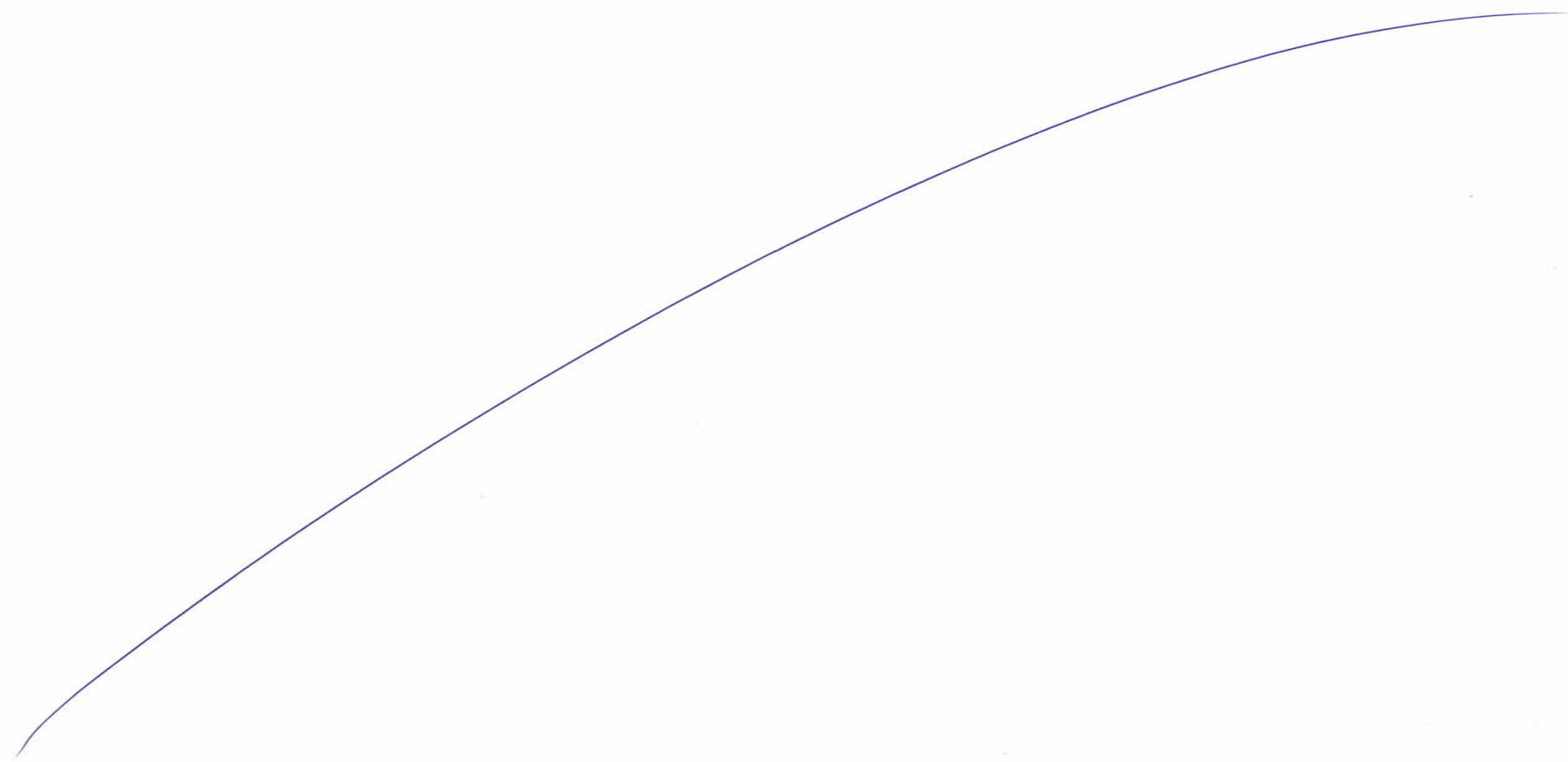
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

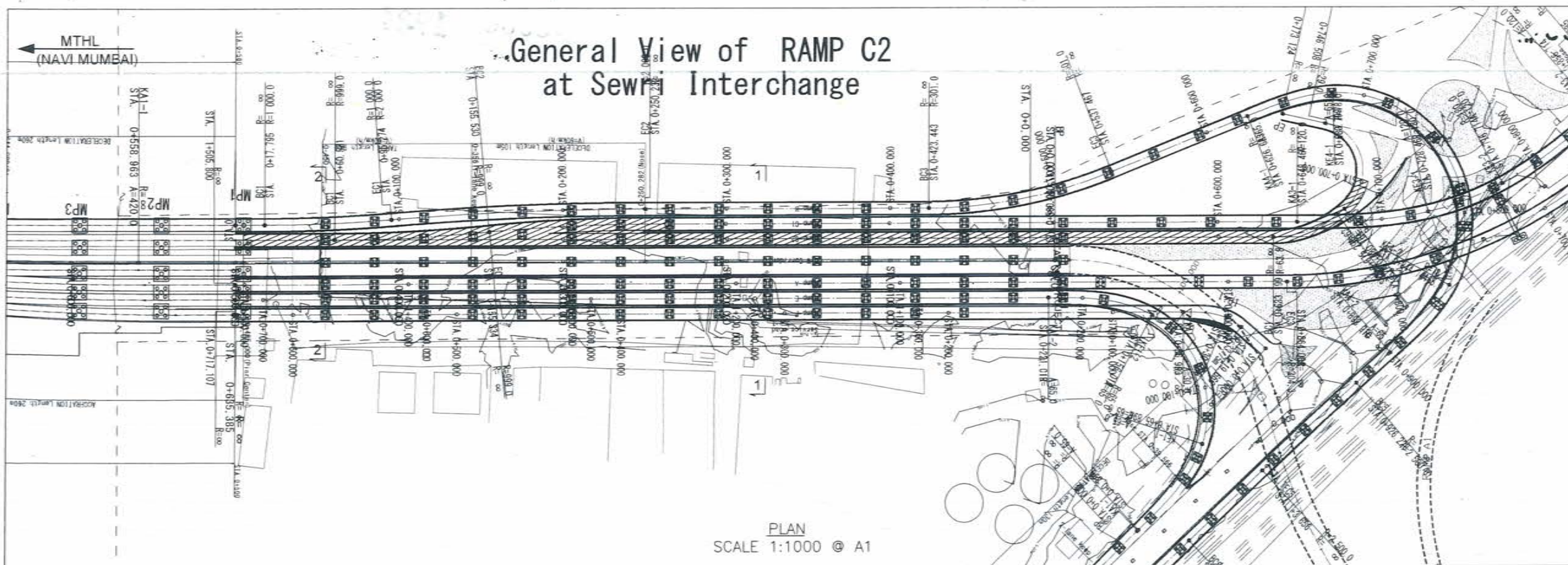
TITLE -
General View of RAMP C1
at Sewri Interchange

DATE: DRAWING NO. B-030 REV:

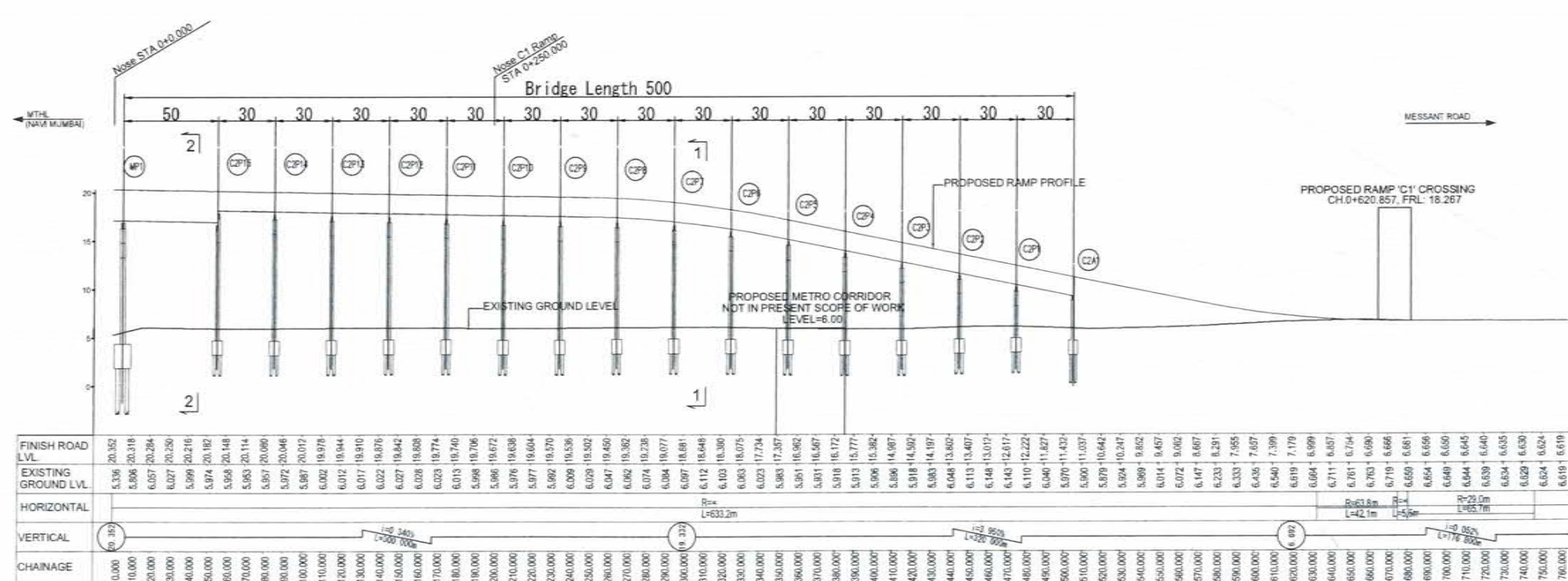


1932

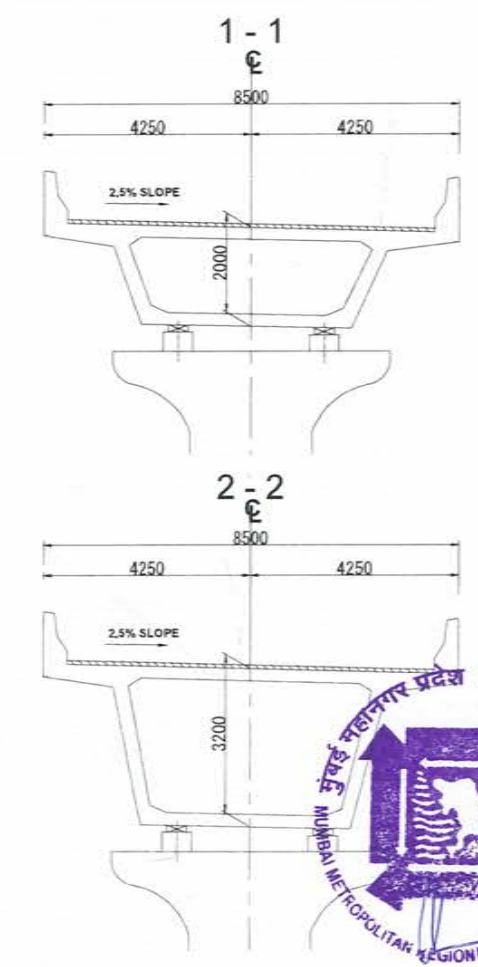




PLAN
SCALE 1:1000 @ A1



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



CROSS SECTION
SCALE 1:100 @ A1



NAME	SIGN
DRAWN BY	
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MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

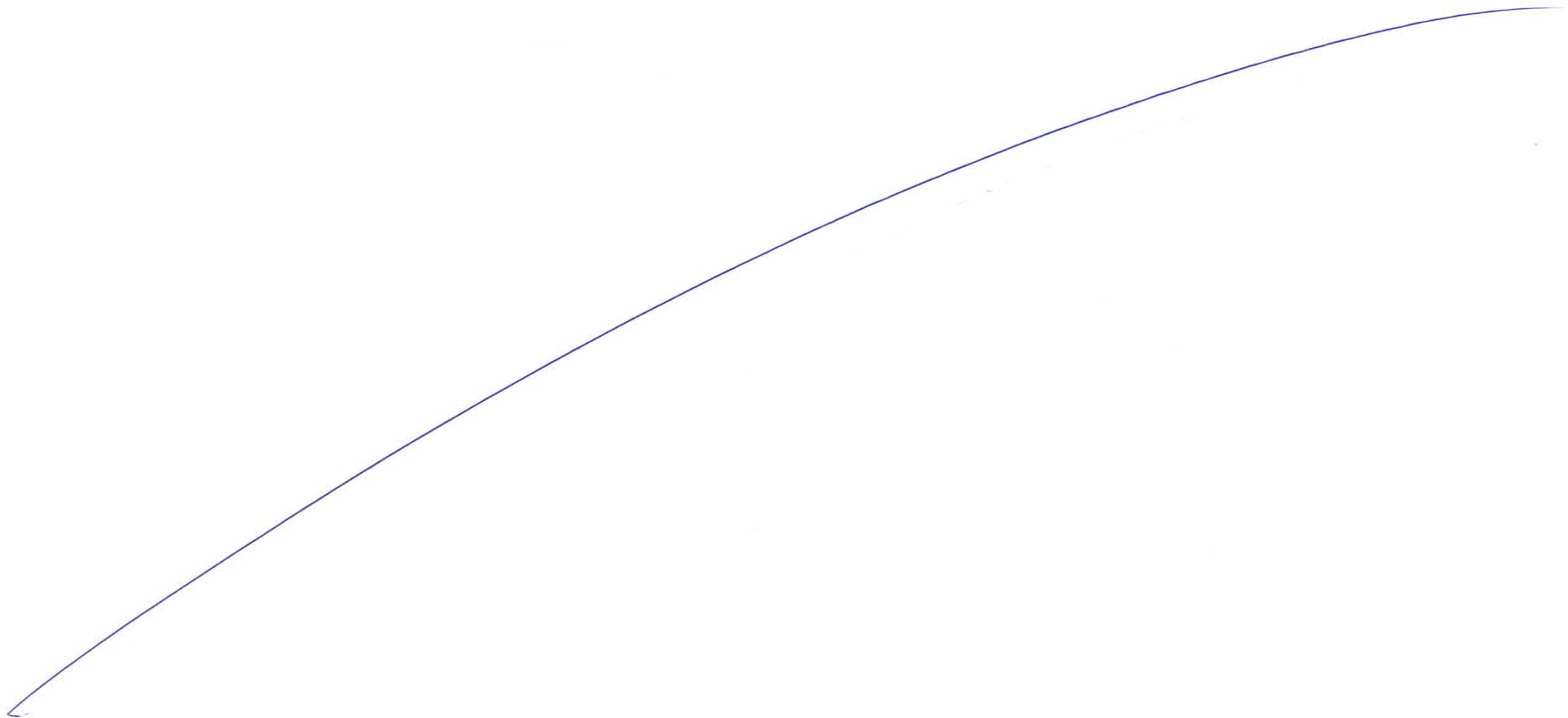
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

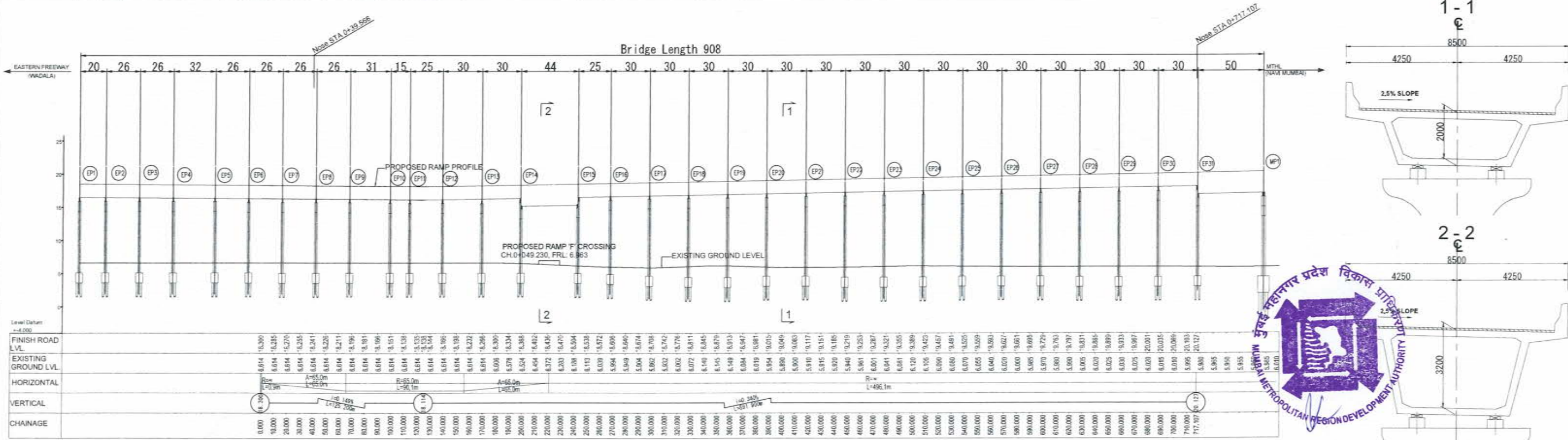
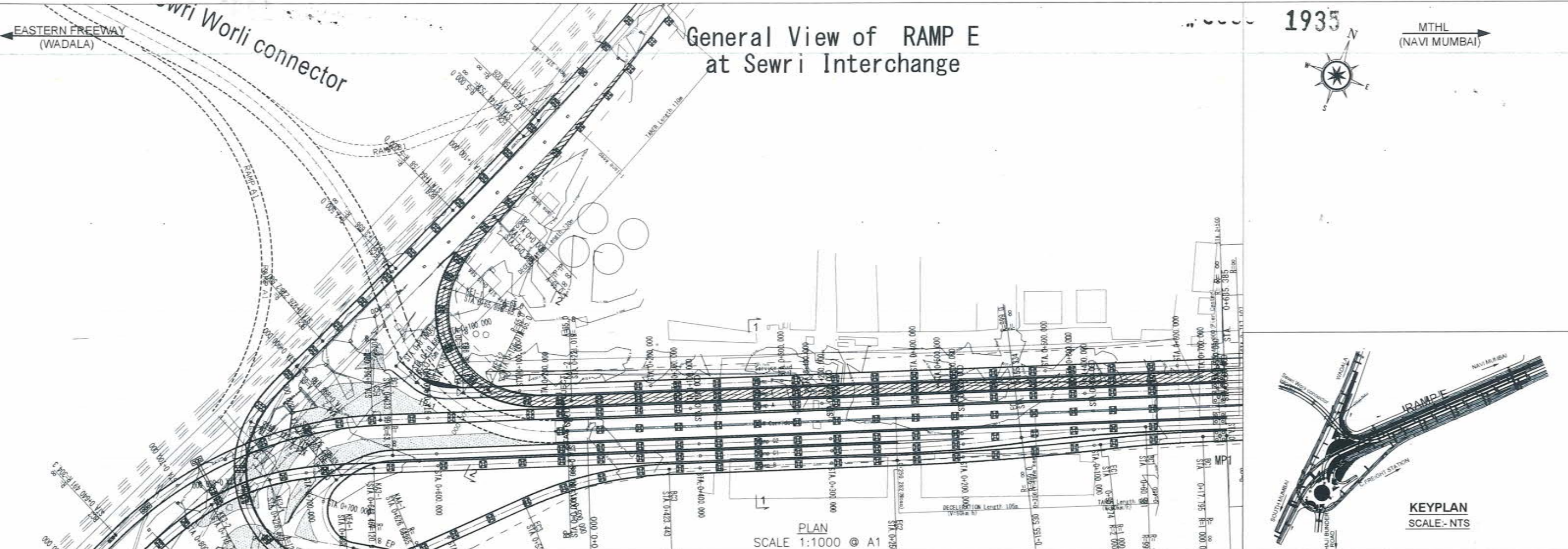


TITLE -
General View of RAMP C2
at Sewri Interchange

DATE: _____ DRAWING NO. B-031 REV. _____

1934





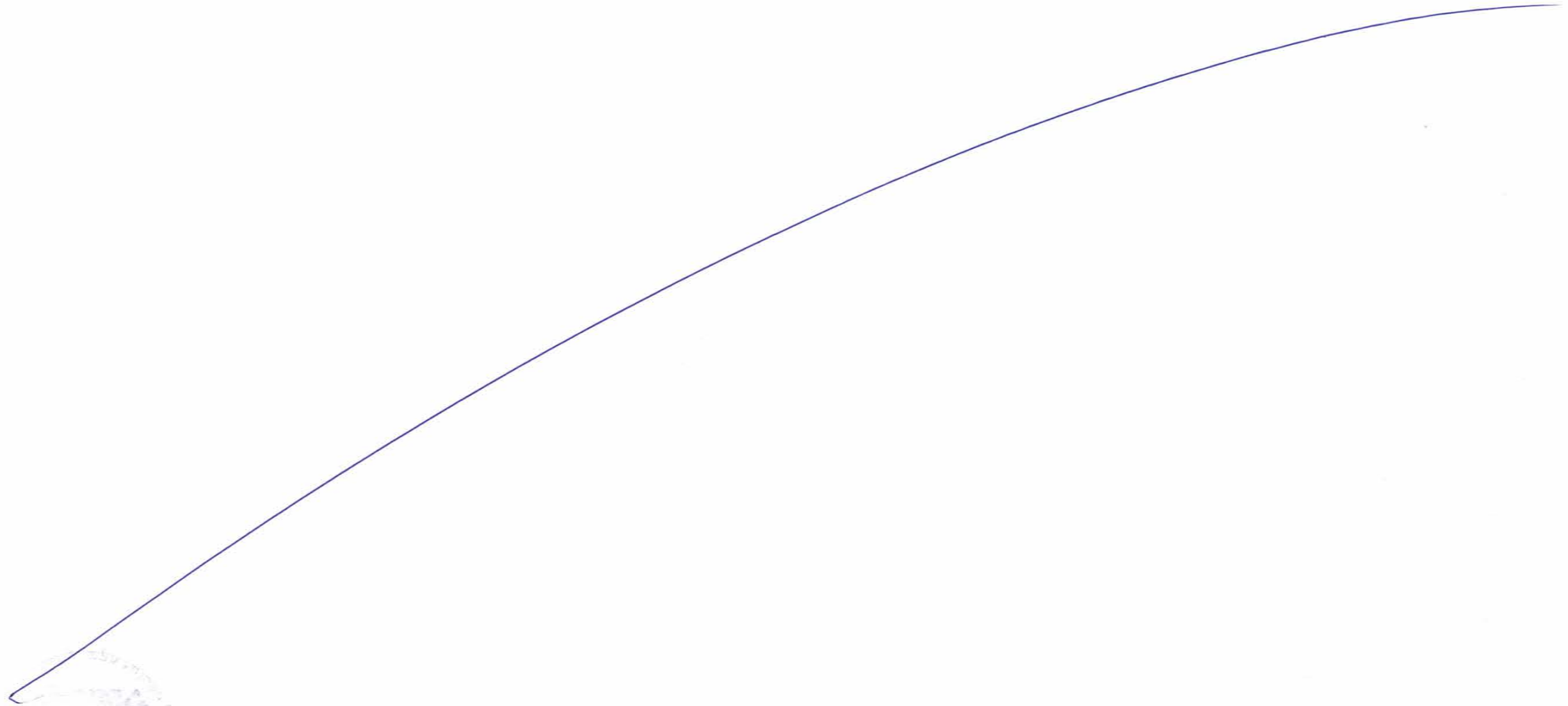
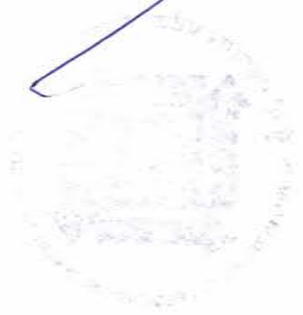
NAME	SIGN



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

TENDER DRAWINGS

TITLE :- General View of RAMP E at Sewri Interchange		
DATE	DRAWING NO. B-032	REV.

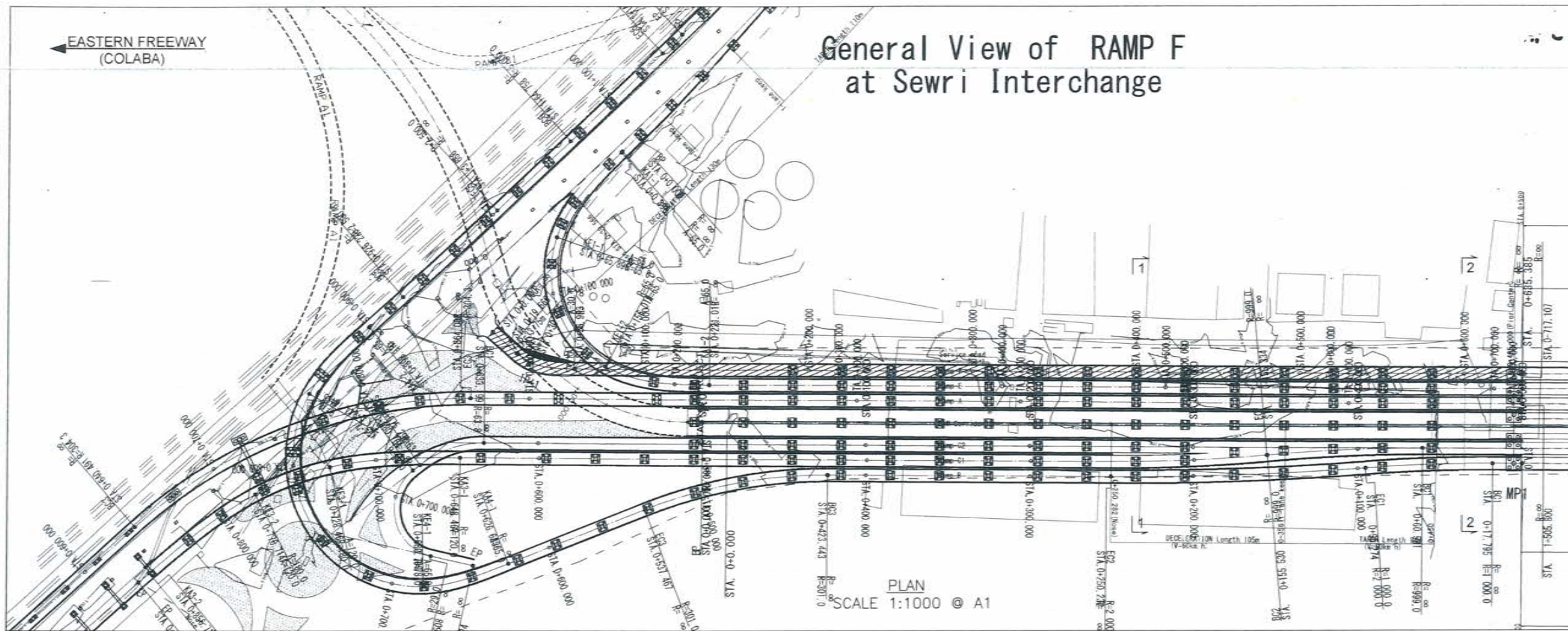


EASTERN FREEWAY
(COLABA)

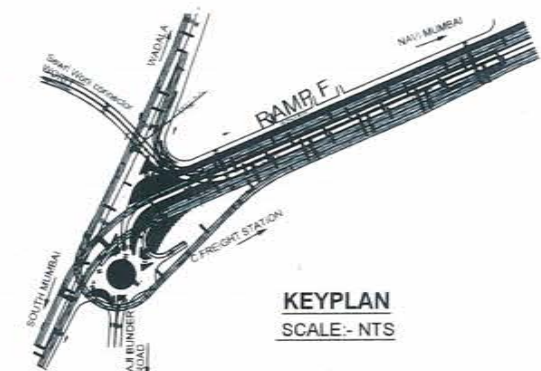
General View of RAMP F at Sewri Interchange

1937

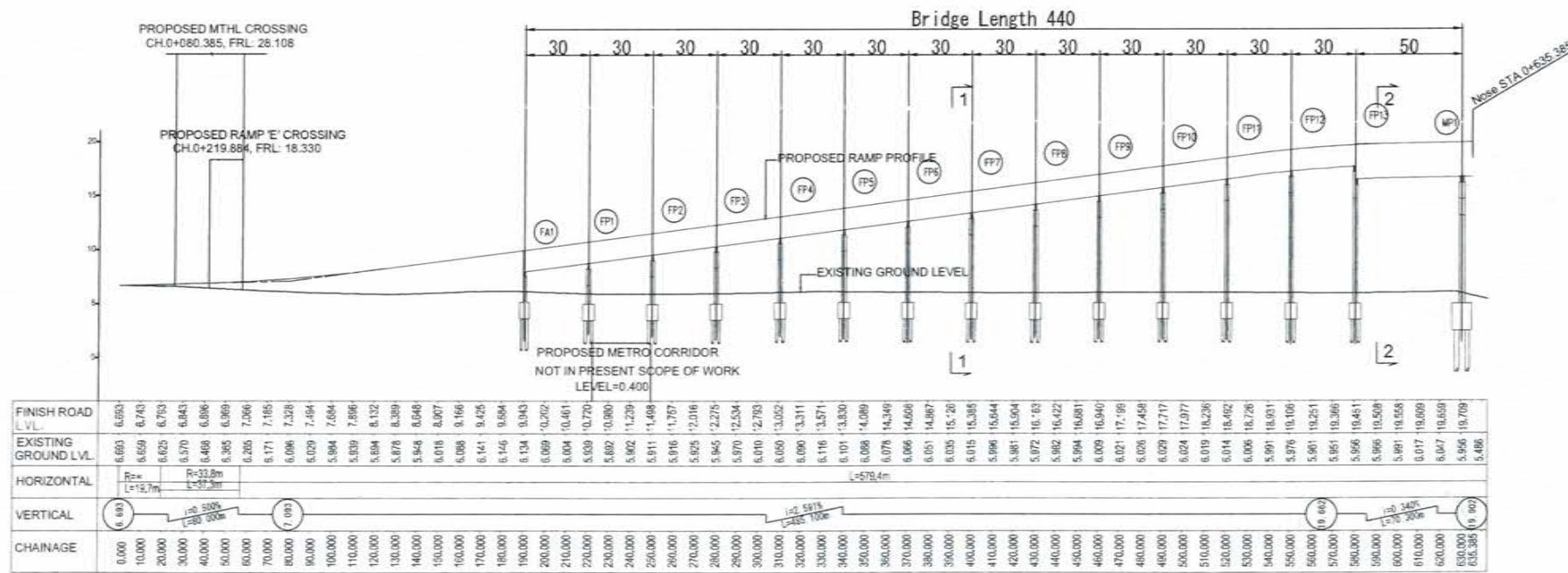
MTHL
(NAVI MUMBAI)



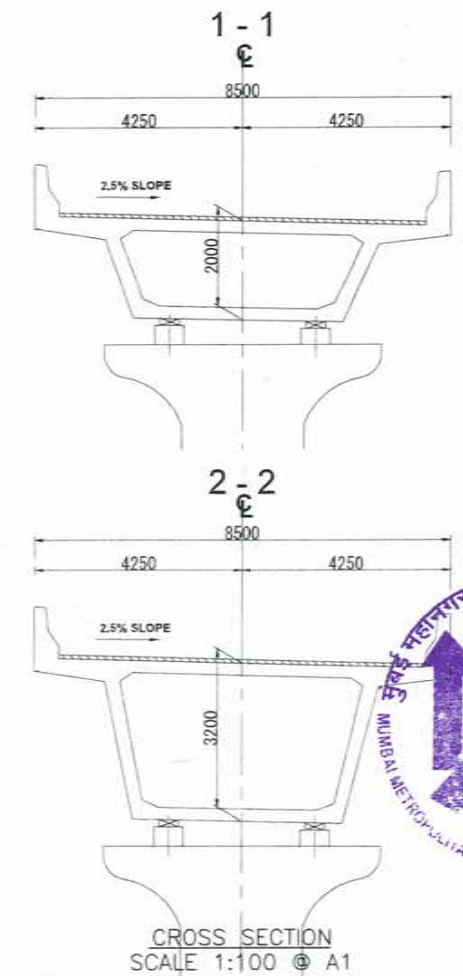
PLAN
SCALE 1:1000 @ A1



KEYPLAN
SCALE- NTS



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



CROSS SECTION
SCALE 1:100 @ A1



NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

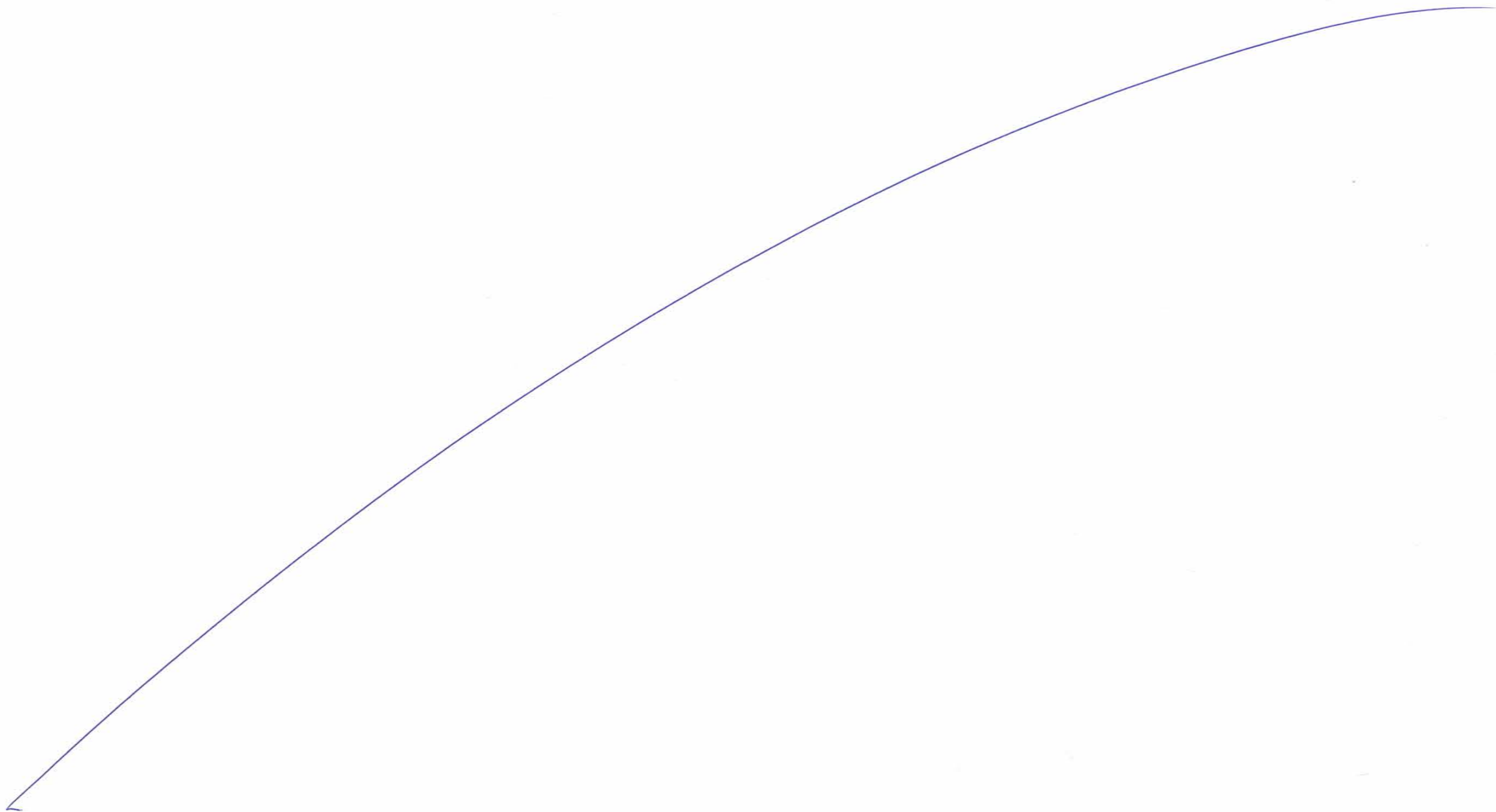
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



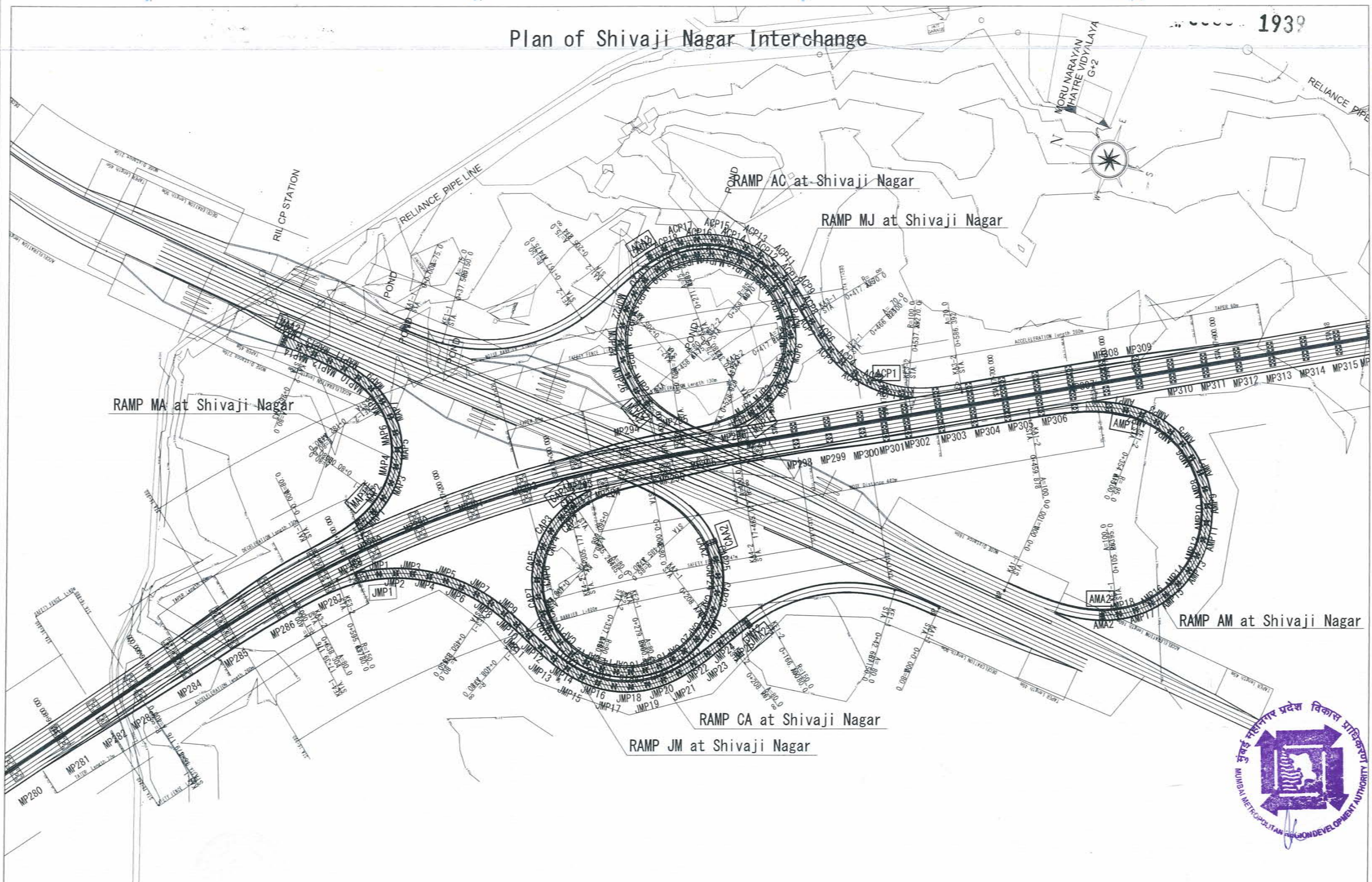
TITLE - General View of RAMP F at Sewri Interchange		
DATE	DRAWING NO.	REV.
	B-033	

1938



Plan of Shivaji Nagar Interchange

1939



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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT :-

MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE :-

Plan of Shivaji Nagar Interchange

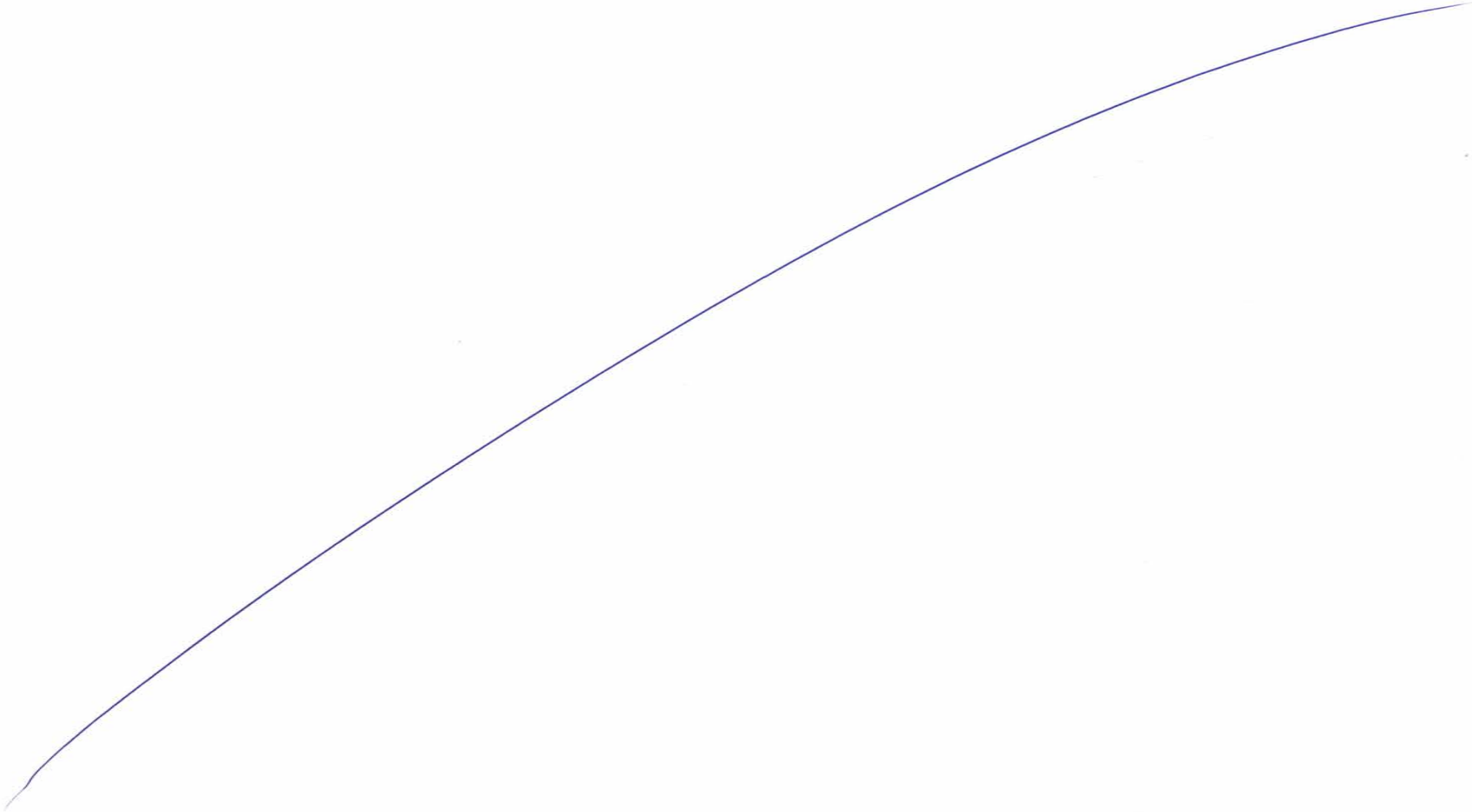
DATE

DRAWING NO.

B-034

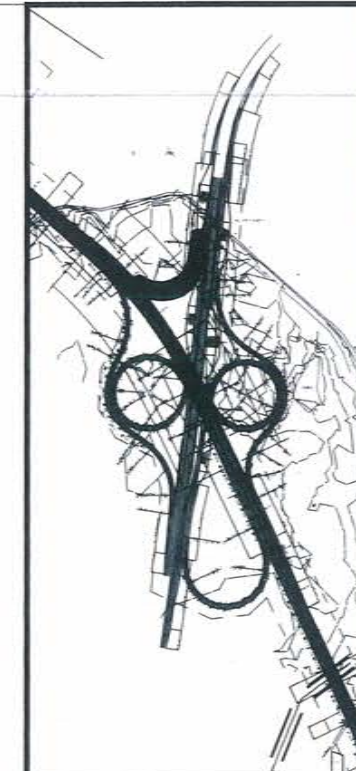
REV.

1940

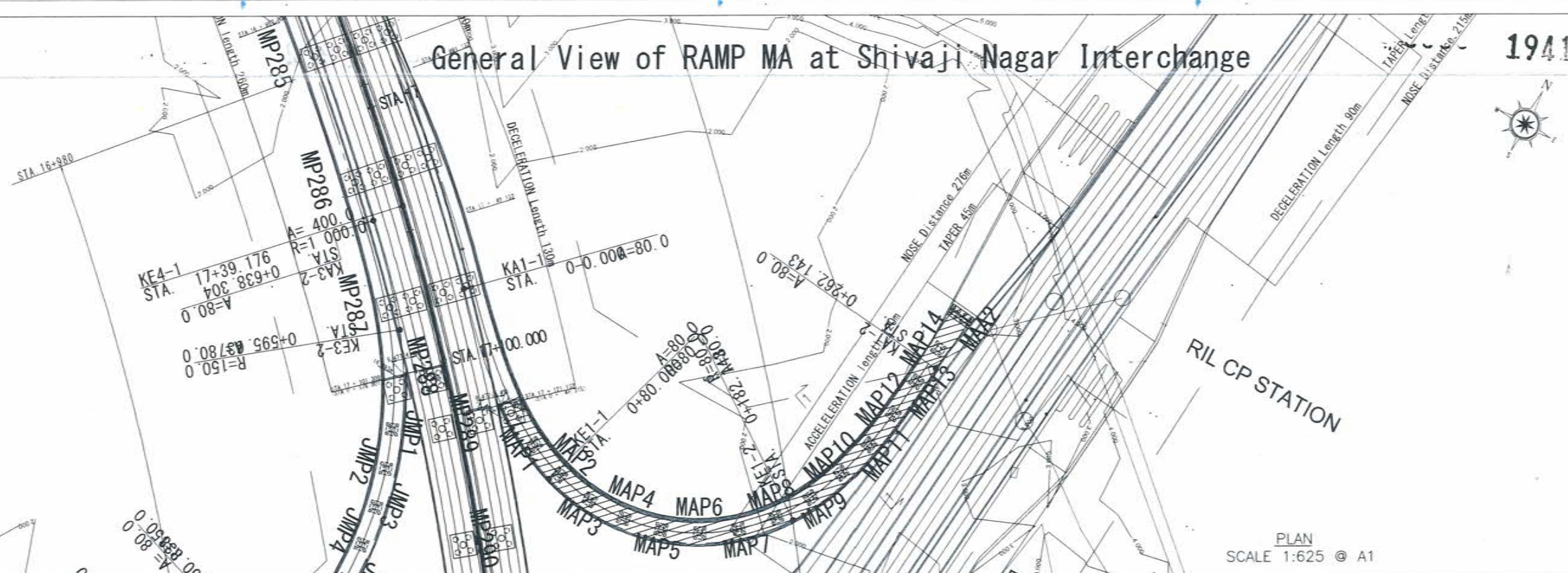


General View of RAMP MA at Shivaji Nagar Interchange

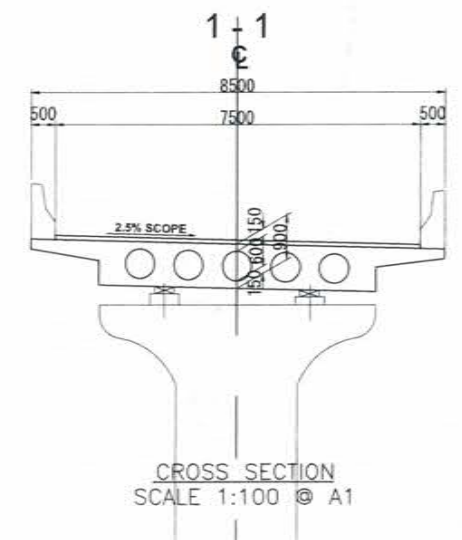
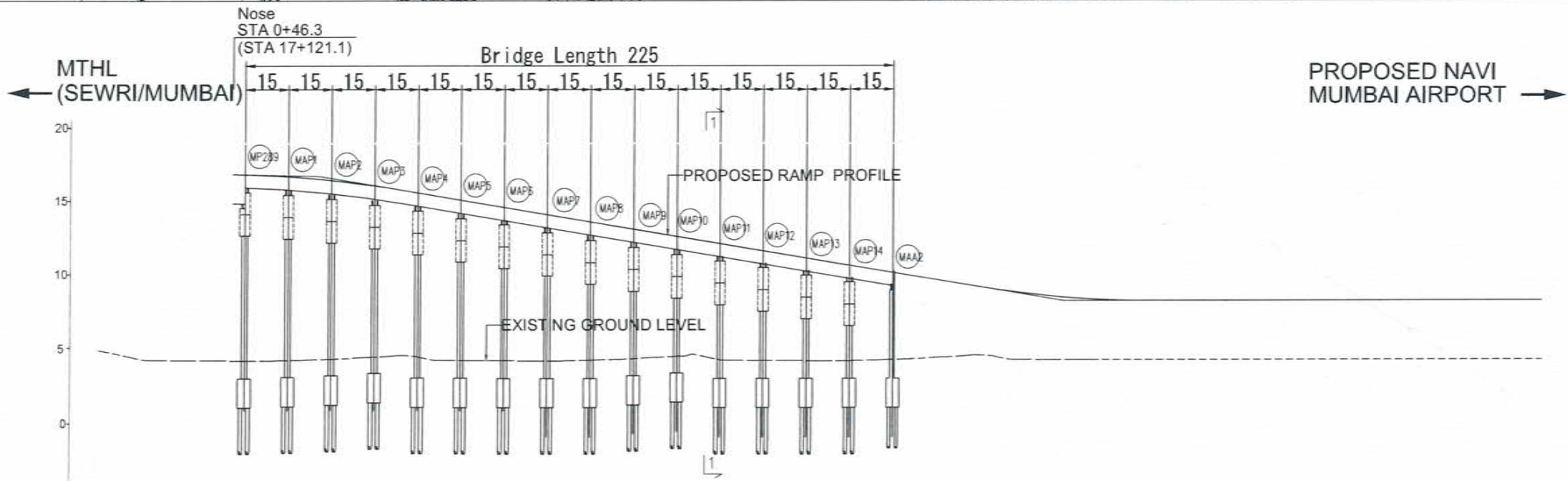
1941



KEY PLAN



PLAN SCALE 1:625 @ A1



CHAINAGE	EXISTING GROUND LVL.	FINISH ROAD LVL.	HORIZONTAL	VERTICAL
0.000	4.836			
10.000	4.424			
20.000	4.166			
30.000	4.157			
40.000	4.145	16.828	A=80.0m L=80.0m	(16.828)
50.000	4.131	16.807		(16.807)
60.000	4.129	16.716		
70.000	4.183	16.579		
80.000	4.234	16.468		
90.000	4.333	16.164		
100.000	4.435	15.887		
110.000	4.424	15.566		
120.000	4.166	15.236	R=80.0m L=102.1m	
130.000	4.157	14.906		
140.000	4.145	14.576		
150.000	4.131	14.246		
160.000	4.129	13.916		
170.000	4.183	13.586		
180.000	4.234	13.256		
190.000	4.333	12.926		
200.000	4.435	12.596		
210.000	4.424	12.265		
220.000	4.166	11.935	A=80.0m L=80.0m	
230.000	4.157	11.605		
240.000	4.145	11.275		
250.000	4.131	10.945		
260.000	4.129	10.615		
270.000	4.183	10.285		
280.000	4.234	9.955		
290.000	4.333	9.625		
300.000	4.435	9.295		
310.000	4.424	8.973		
320.000	4.166	8.699		
330.000	4.157	8.481		
340.000	4.145	8.318		
350.000	4.145	8.209		
360.000	4.145	8.156		
370.000	4.145	8.150		
380.000	4.145	8.150		
390.000	4.145	8.150		
400.000	4.145	8.150		
410.000	4.145	8.150		
420.000	4.145	8.150		
430.000	4.145	8.150		
440.000	4.145	8.150		
450.000	4.145	8.150		
460.000	4.145	8.150		
470.000	4.145	8.150		
480.000	4.145	8.150		
490.000	4.145	8.150		
500.000	4.145	8.150		

LONGITUDINAL SECTION OF RAMP 'MA' FROM MTHL TO PROPOSED NAVI MUMBAI AIRPORT
PROFILE SCALE H=1:625 V=1:250 @ A1



NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS



TITLE: General View of RAMP MA at Shivaji Nagar Interchange

DATE:	DRAWING NO. B-035	REV.:
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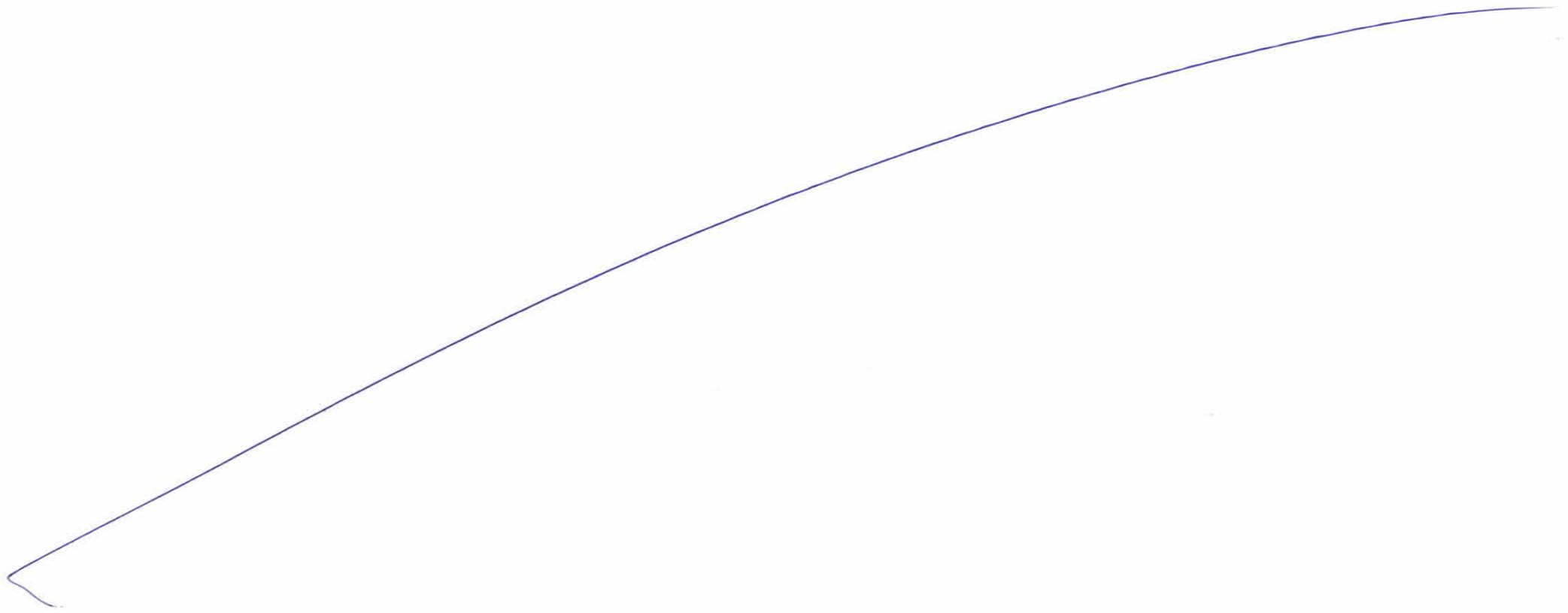
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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

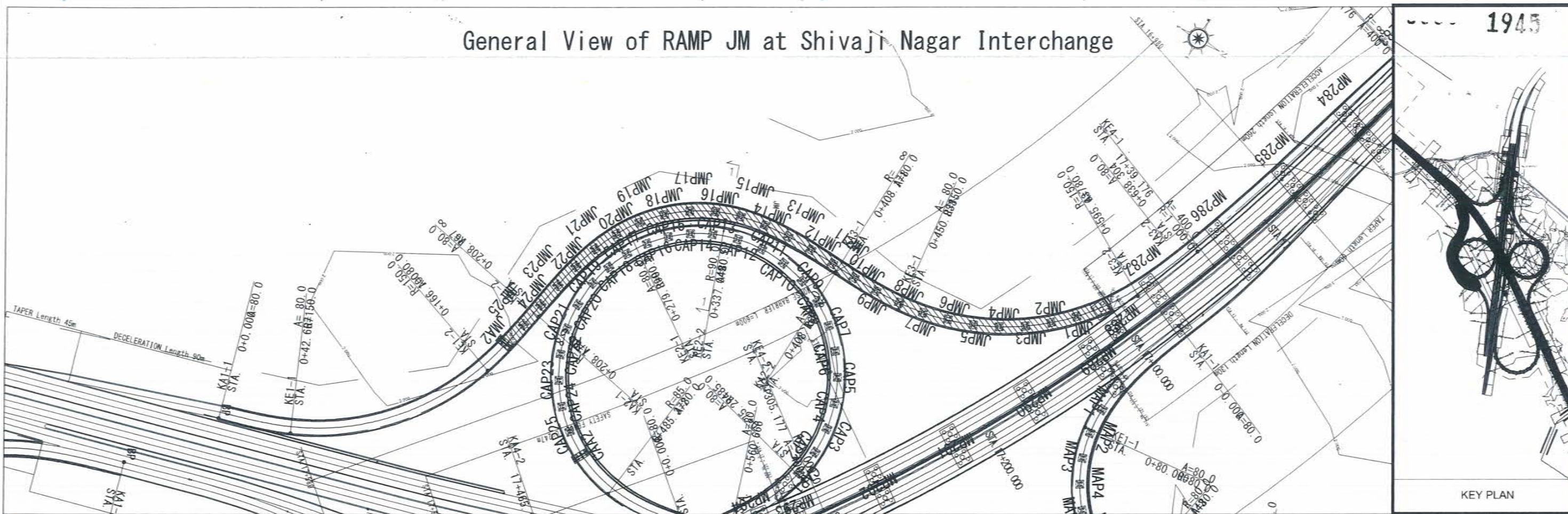
1942



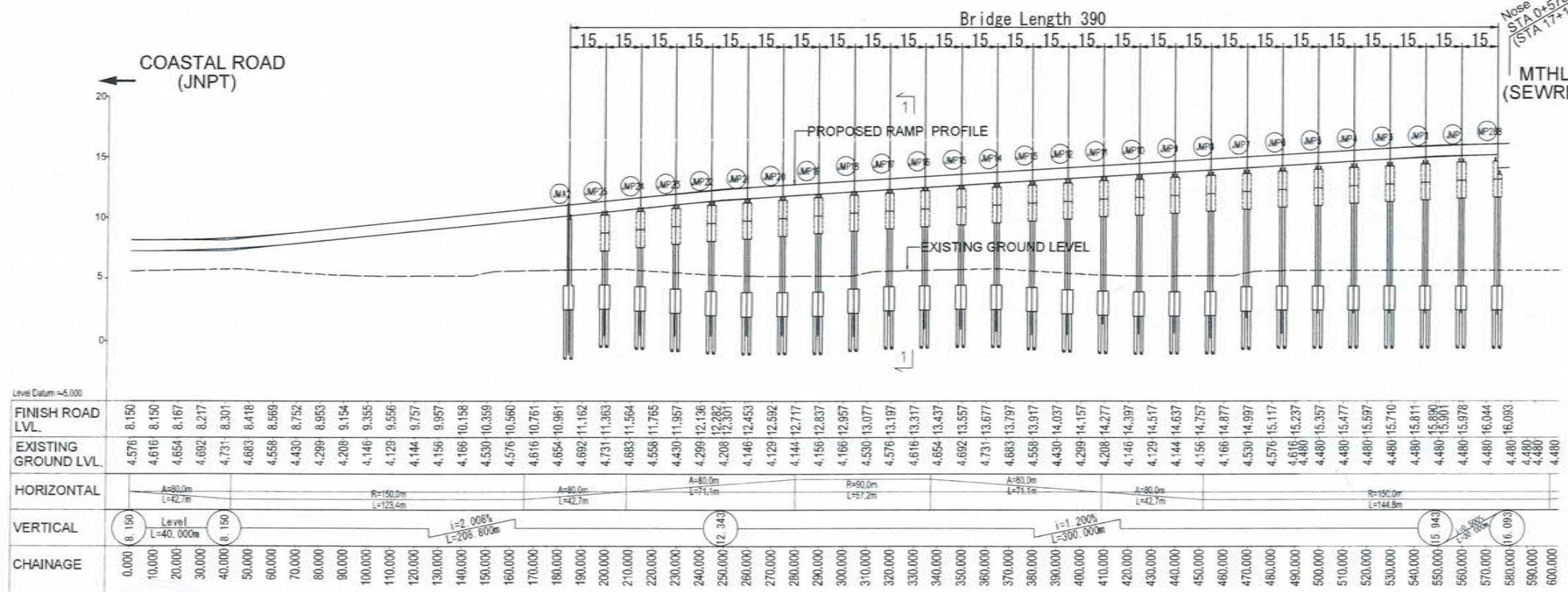
1944



General View of RAMP JM at Shivaji Nagar Interchange



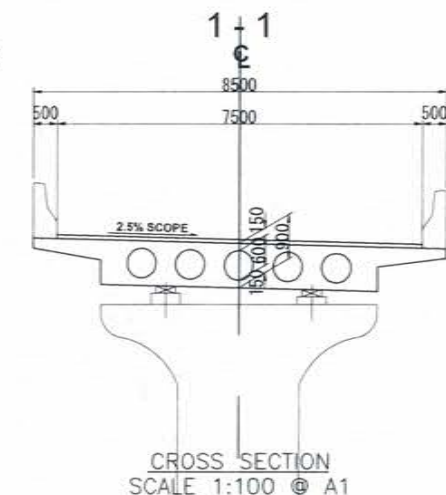
PLAN
SCALE 1:625 @ A1



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

PROFILE

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



CROSS SECTION
SCALE 1:100 @ A1



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APPROVED BY	



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT:-

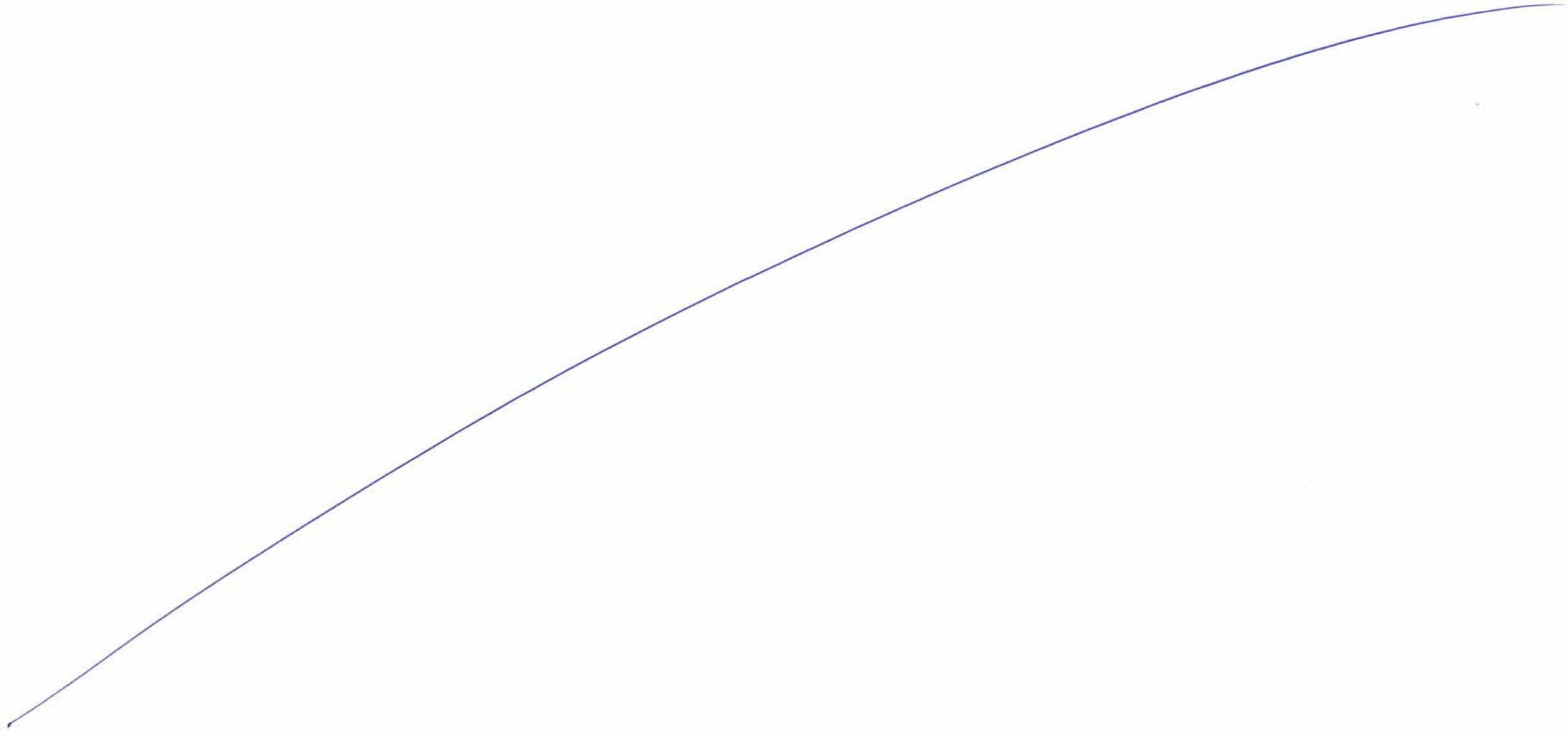
**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

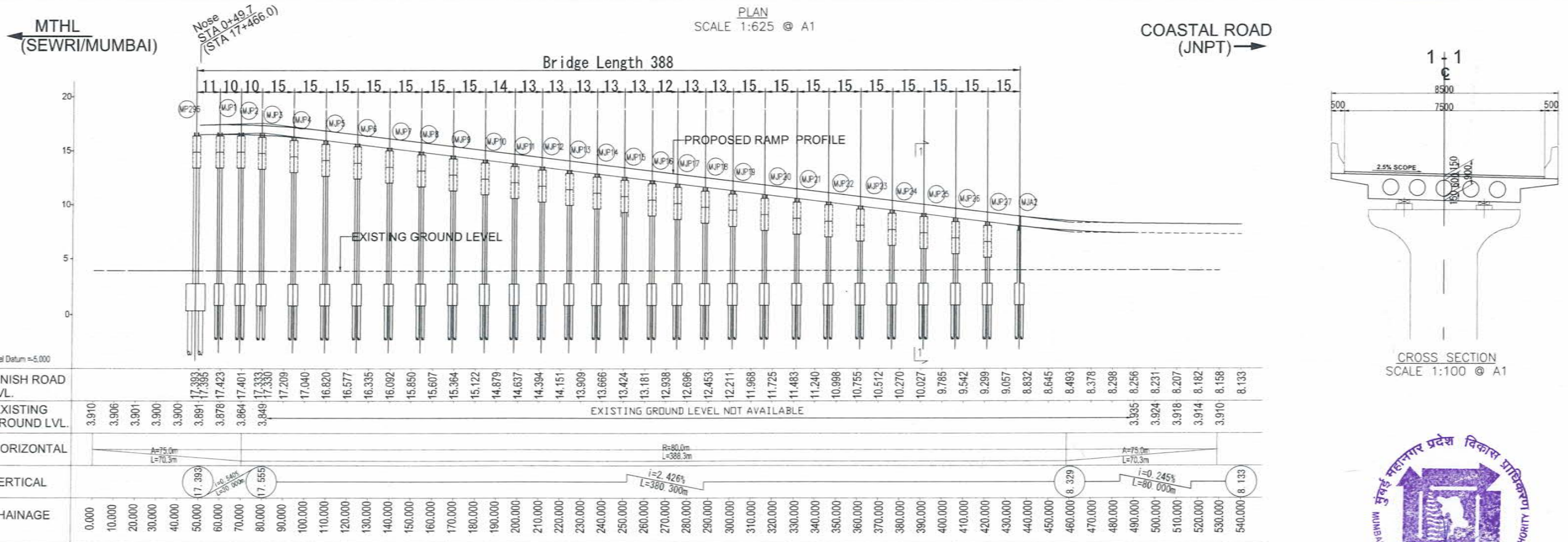
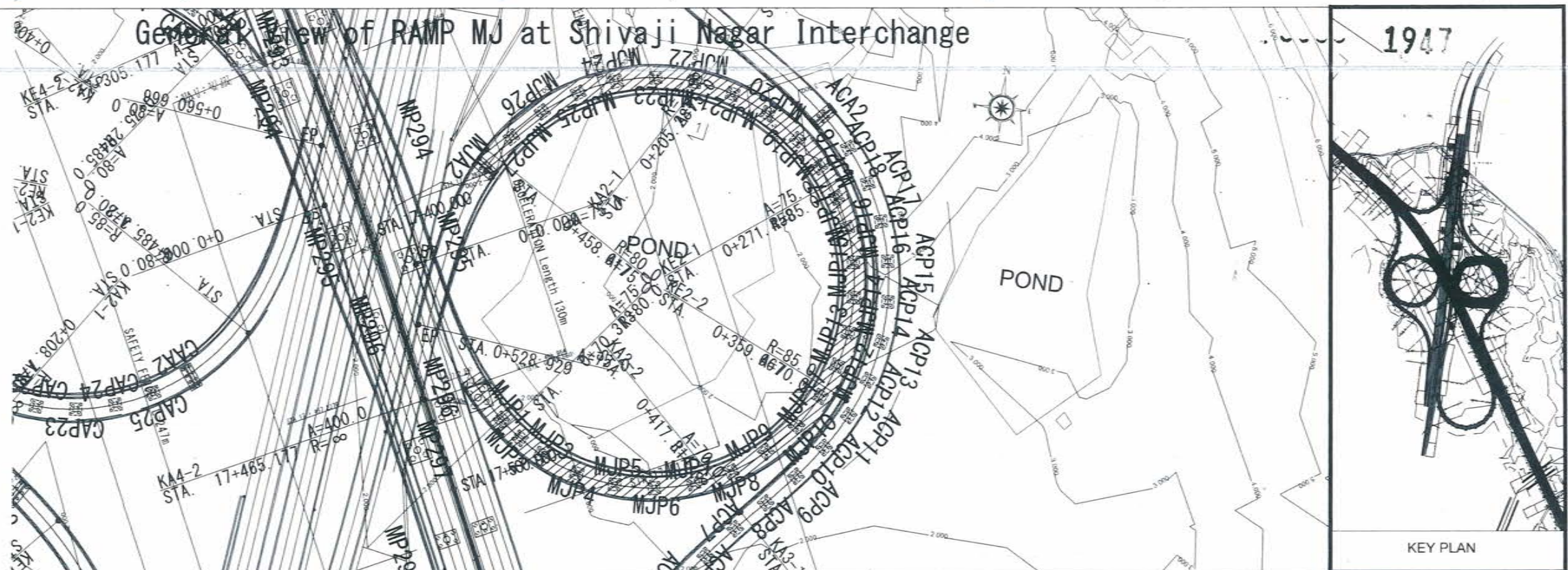


TITLE:-
General View of RAMP JM
at Shivaji Nagar Interchange

DATE	DRAWING NO.	REV.
	B-037	

1946



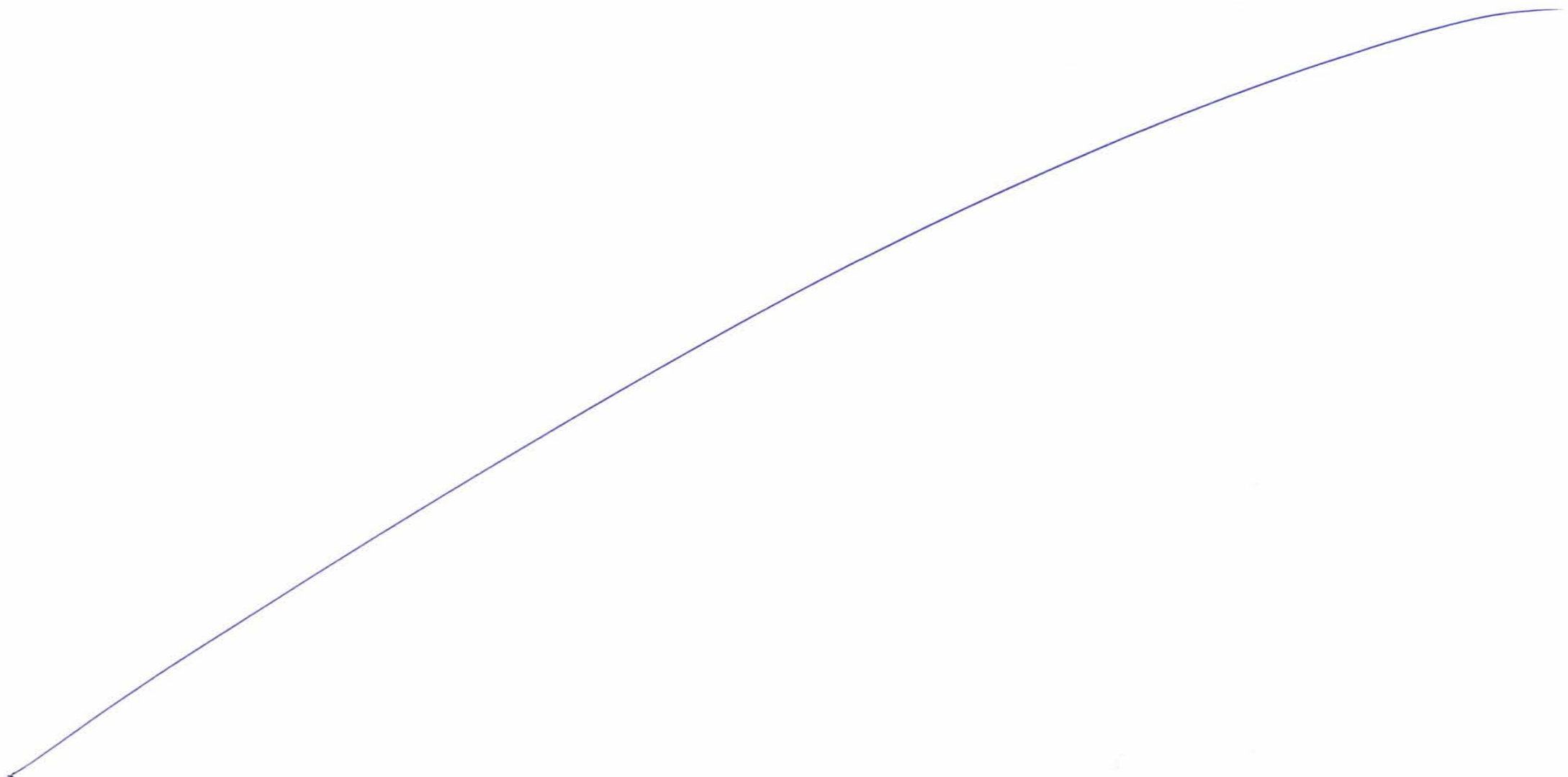


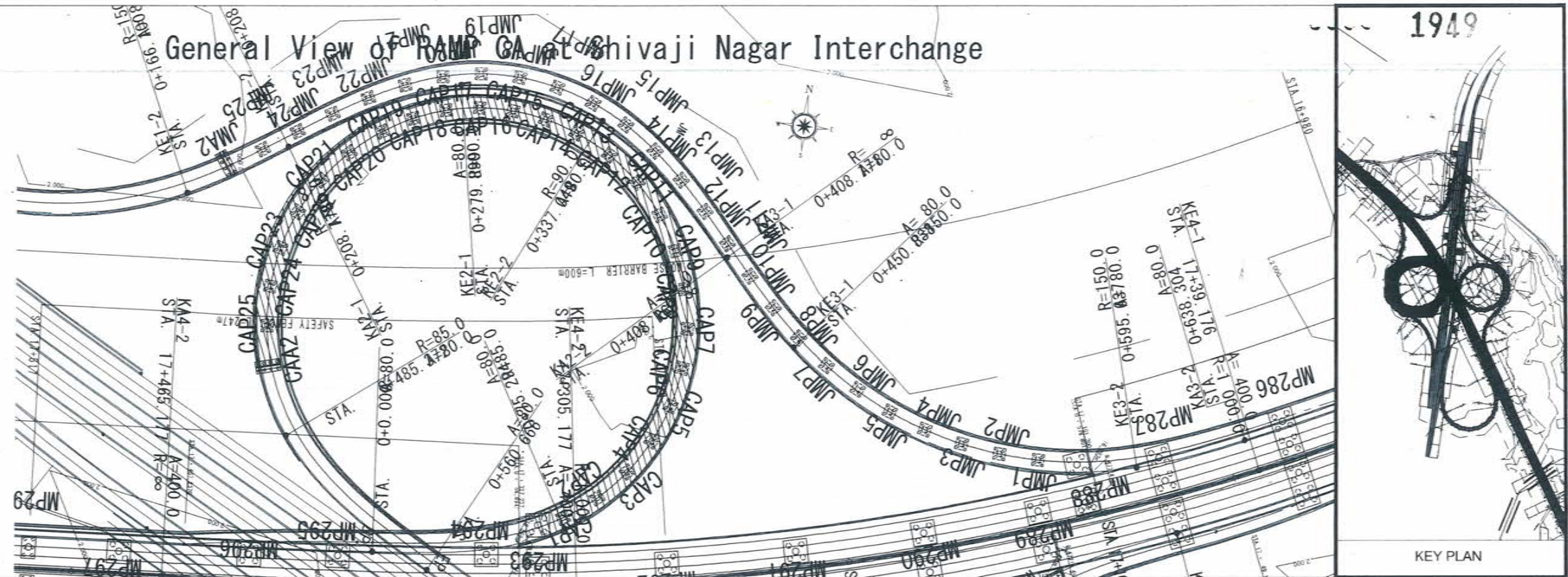
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DRAWN BY	NAME								
CHECKED BY	SIGN								
APPROVED BY									
		<p>DATE</p>	<p>DRAWING NO. B-038</p>						
		<p>REV.</p>							

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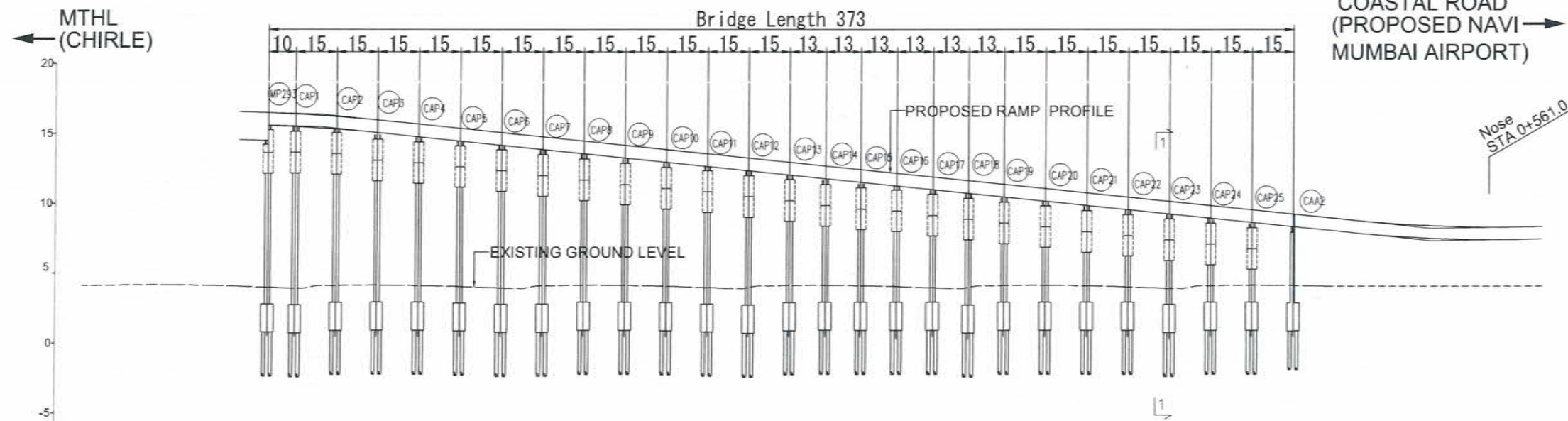
PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

..... 1948





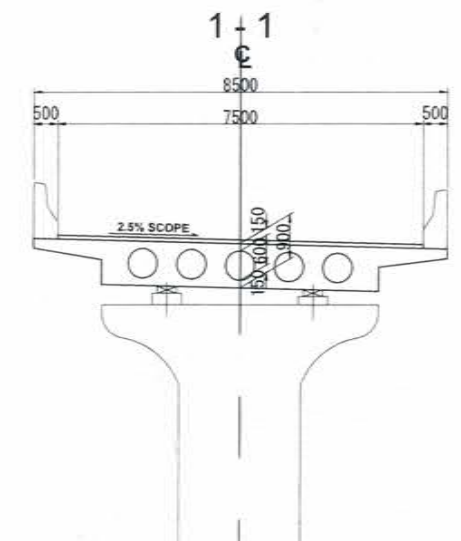
PLAN SCALE 1:625 @ A1



FINISH ROAD LVL.	[Values from 16.559 to 8.347]																																																					
EXISTING GROUND LVL.	[Values from 4.112 to 4.116]																																																					
HORIZONTAL	A=80.0m, L=75.3m															R=85.0m, L=410.1m																																						
VERTICAL	[Vertical curve data]															[Vertical curve data]																																						
CHAINAGE	0.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	110.000	120.000	130.000	140.000	150.000	160.000	170.000	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

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

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



CROSS SECTION SCALE 1:100 @ A1



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MMRDA
 MUMBAI METROPOLITAN REGION
 DEVELOPMENT AUTHORITY

PROJECT -

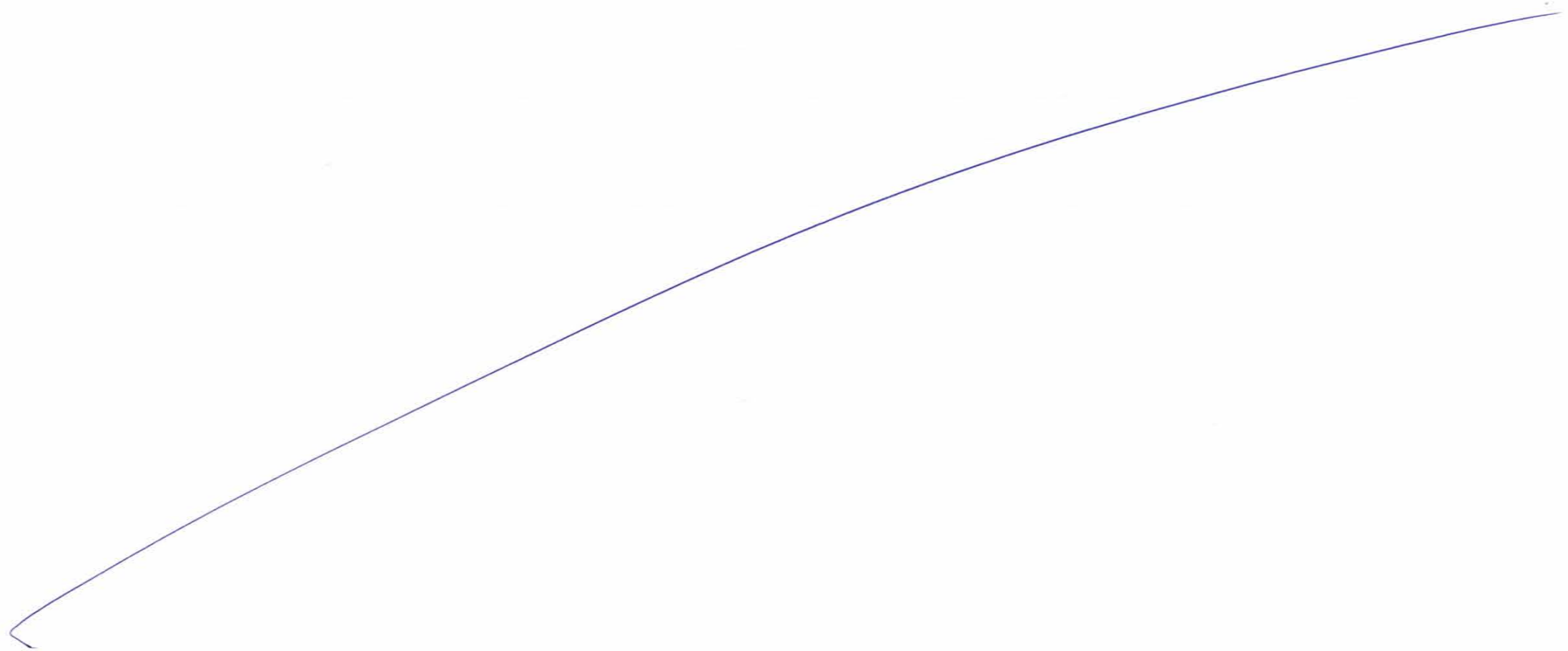
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

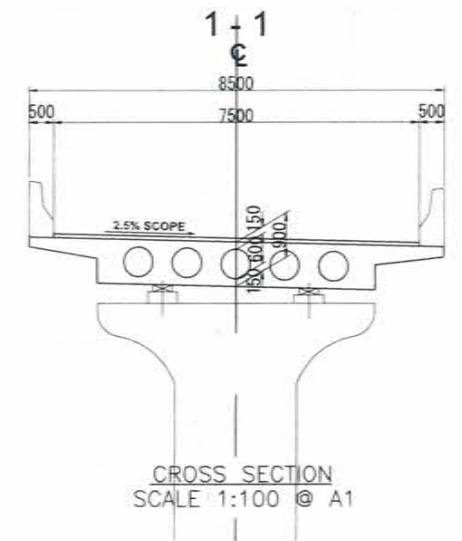
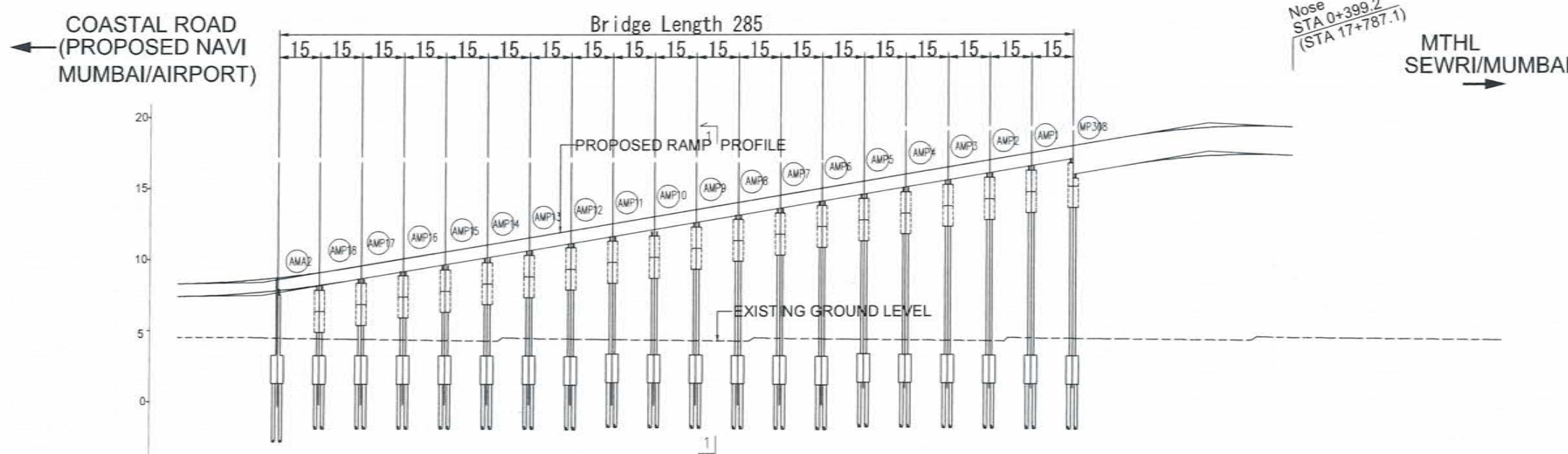
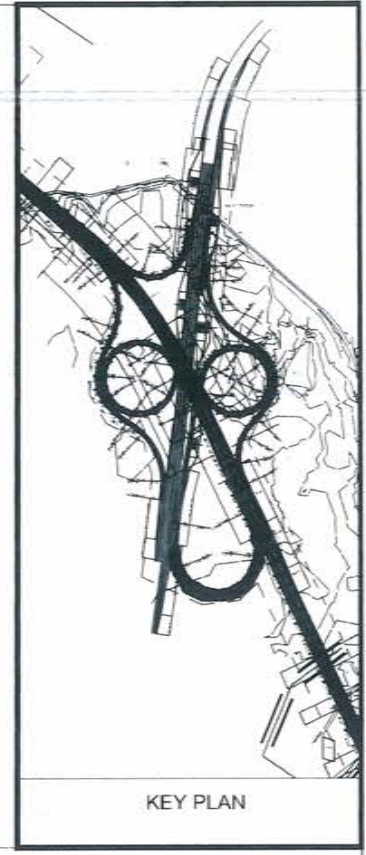
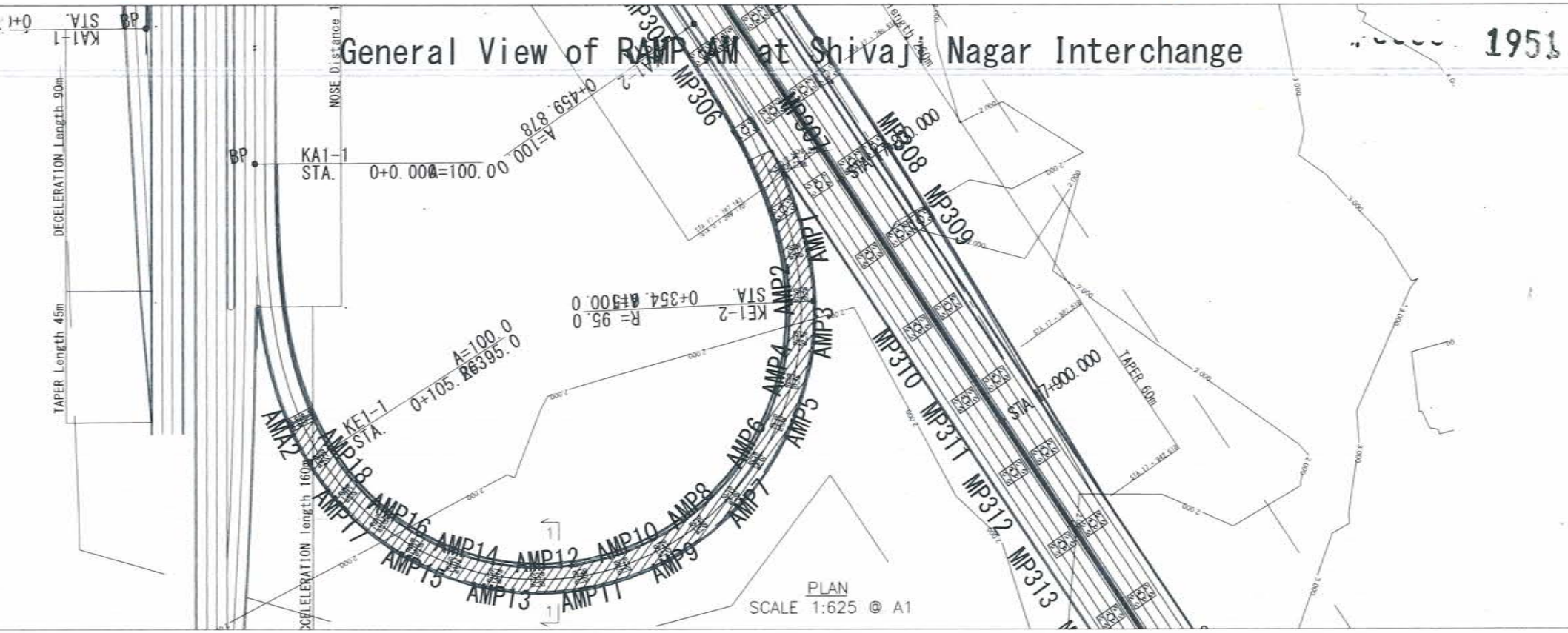


TITLE -
 General View of RAMP CA
 at Shivaji Nagar Interchange

DATE	DRAWING NO. B-039	REV.
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1950





FINISH ROAD LVL.	EXISTING GROUND LVL.	HORIZONTAL	VERTICAL	CHAINAGE
8.299	4.492	A=100.0m L=105.3m	8.299 i=3.300% L=339.200m	0.000
8.349	4.492			10.000
8.450	4.492	R=95.0m L=249.4m	8.373	20.000
8.602	4.492			30.000
8.805	4.440	A=100.0m	9.276	40.000
9.068	4.419			50.000
9.363	4.397			60.000
9.693	4.374			70.000
10.023	4.350			80.000
10.353	4.326			90.000
10.683	4.301			100.000
11.013	4.271			110.000
11.343	4.492			120.000
11.673	4.440			130.000
12.003	4.419			140.000
12.333	4.397			150.000
12.663	4.374			160.000
12.993	4.350			170.000
13.323	4.326			180.000
13.653	4.301			190.000
13.983	4.271			200.000
14.313	4.492			210.000
14.643	4.440			220.000
14.973	4.419			230.000
15.303	4.397			240.000
15.633	4.374			250.000
15.963	4.350			260.000
16.293	4.326			270.000
16.623	4.301			280.000
16.953	4.271			290.000
17.283	4.492			300.000
17.613	4.440			310.000
17.943	4.419			320.000
18.273	4.397			330.000
18.603	4.374			340.000
18.891	4.350			350.000
19.109	4.326			360.000
19.247	4.301			370.000
19.256	4.271			380.000
19.331	4.492			390.000
19.335	4.440			400.000
19.276	4.419			410.000
	4.419			420.000
	4.397			430.000
	4.374			440.000
	4.350			450.000
	4.326			460.000
	4.301			470.000
	4.271			

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



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APPROVED BY	

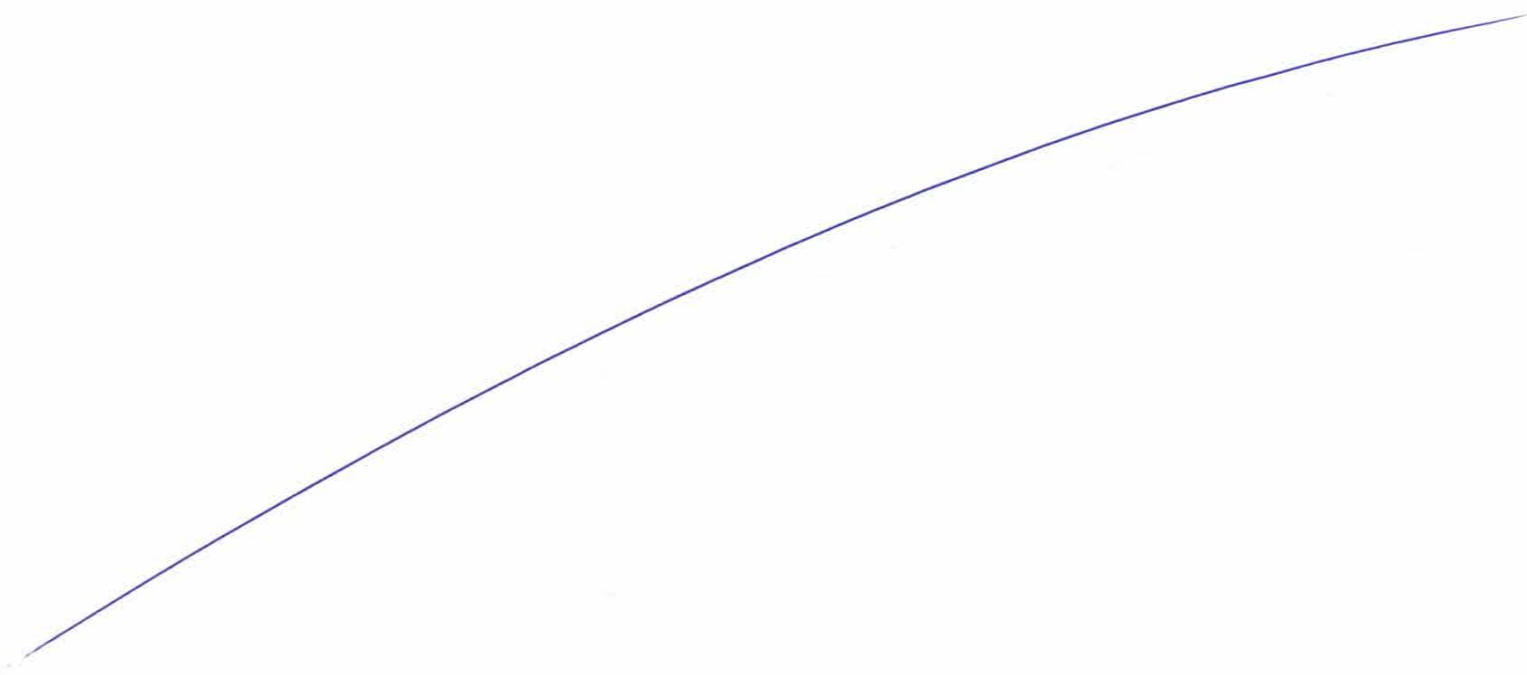
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



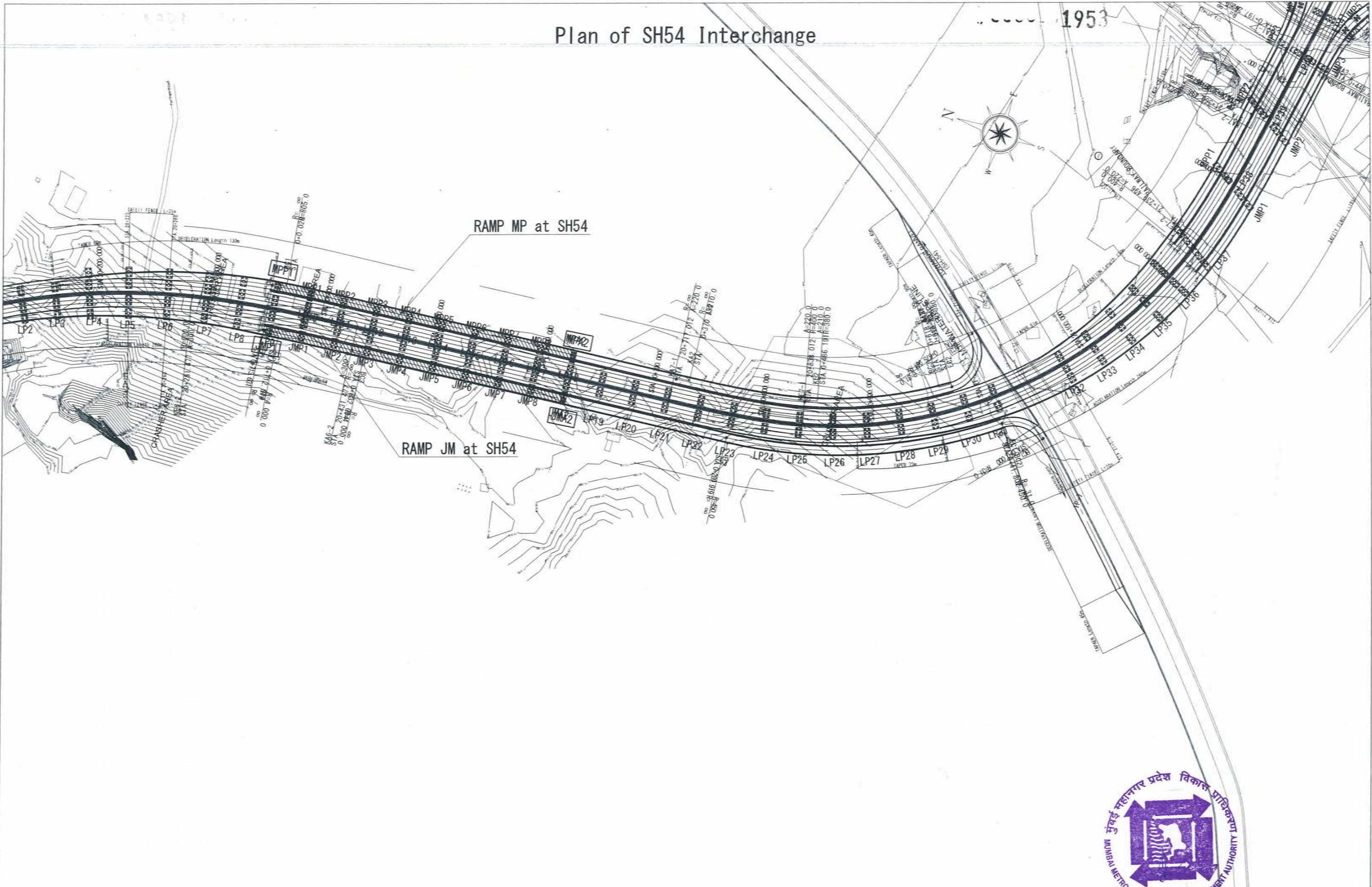
TITLE -		REV.	
General View of RAMP AM at Shivaji Nagar Interchange			
DATE	DRAWING NO.	B-040	

1952



Plan of SH54 Interchange

1953



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**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**



TITLE :-

Plan of SH54 Interchange

DATE

DRAWING NO.

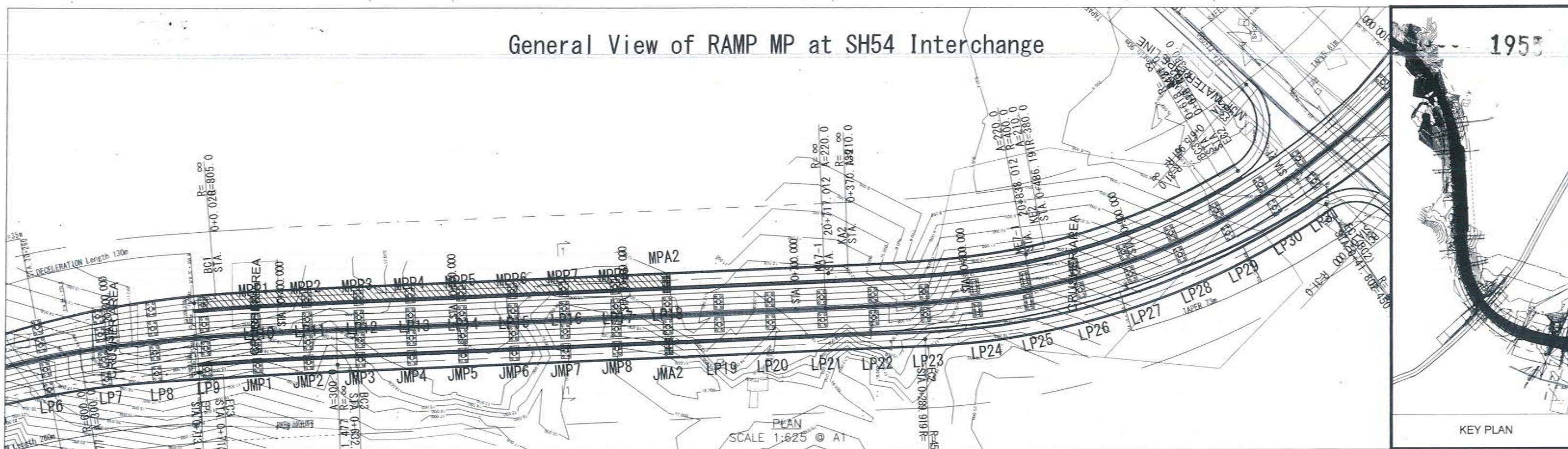
B-041

REV.

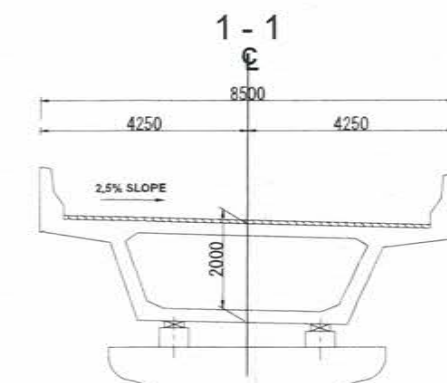
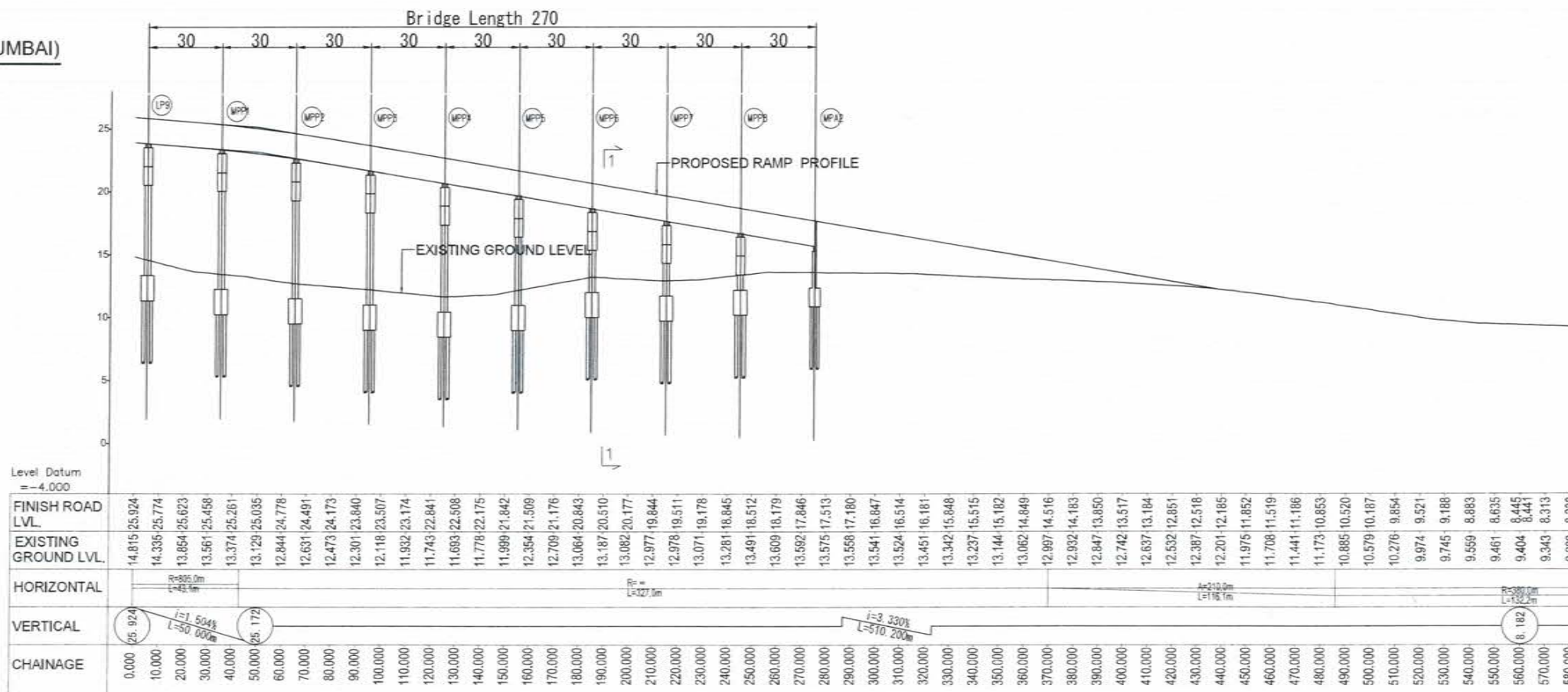
1958



General View of RAMP MP at SH54 Interchange



MTHL
(SEWRI/MUMBAI)



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APPROVED BY	



PROJECT -

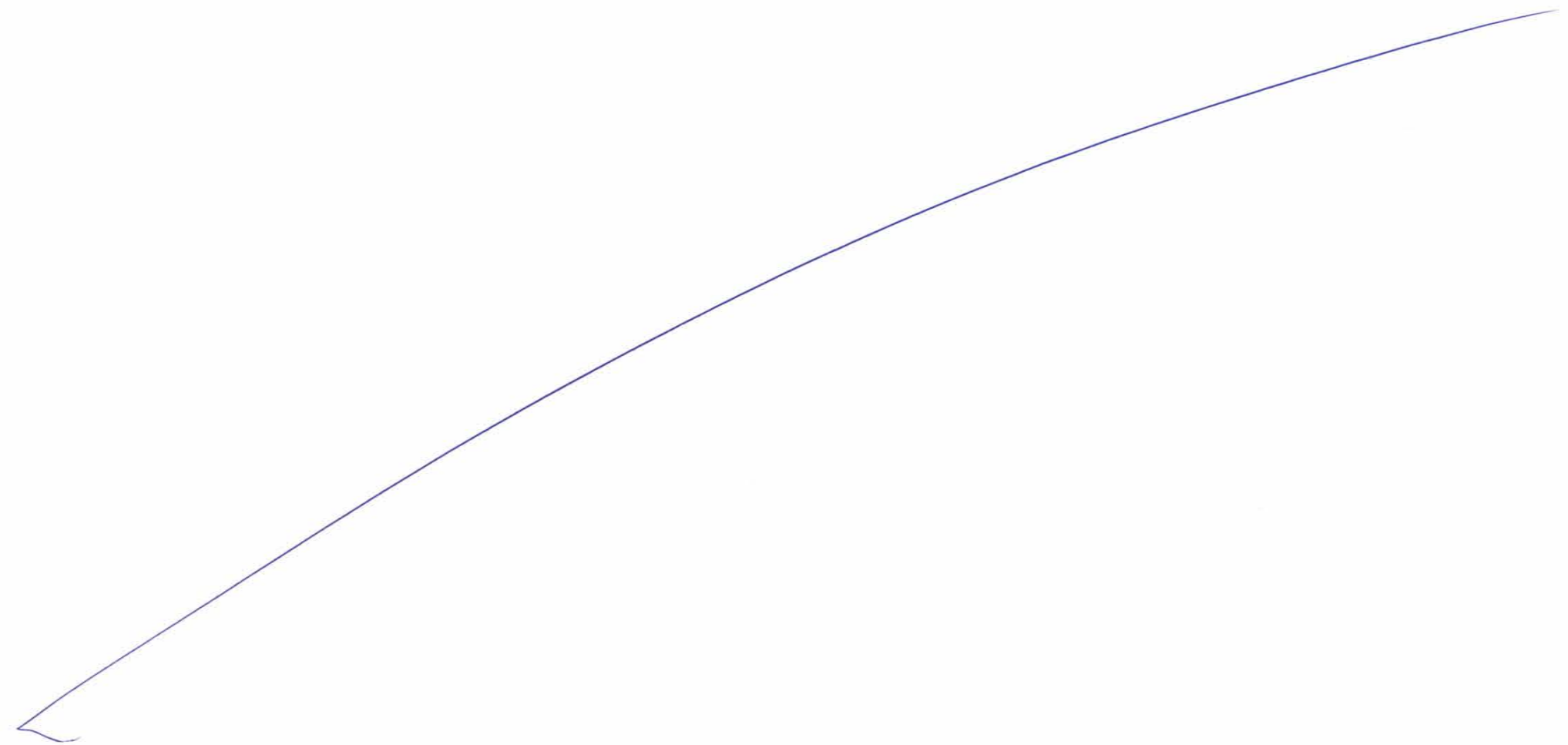
MUMBAI TRANS HARBOUR LINK PROJECT

TENDER DRAWINGS

TITLE -
General View of RAMP MP
at SH54 Interchange

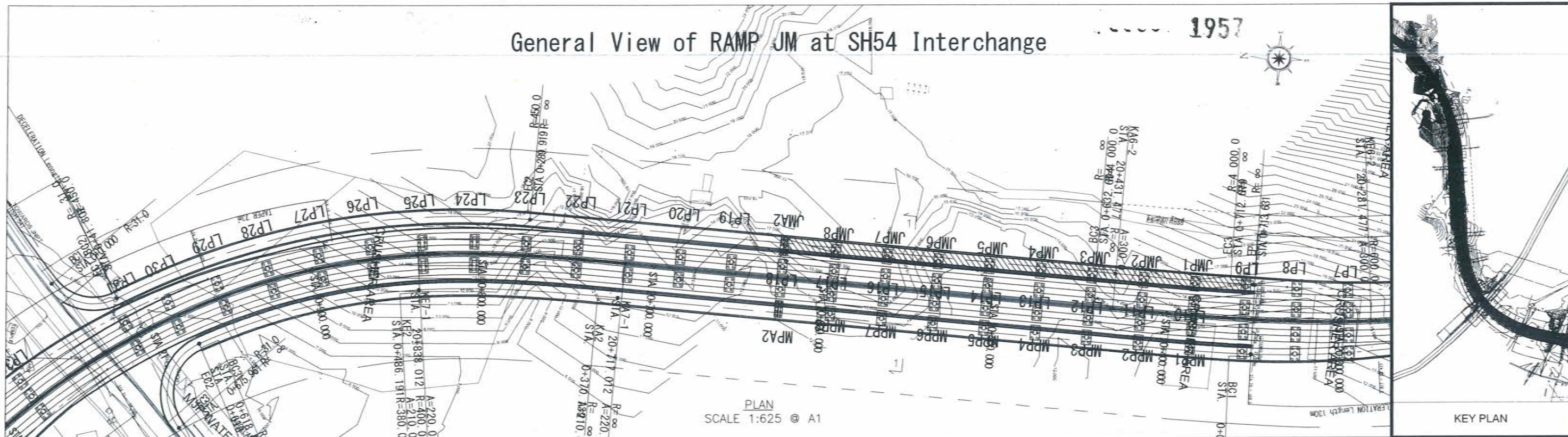
DATE: _____ DRAWING NO. B-042 REV. _____

1956



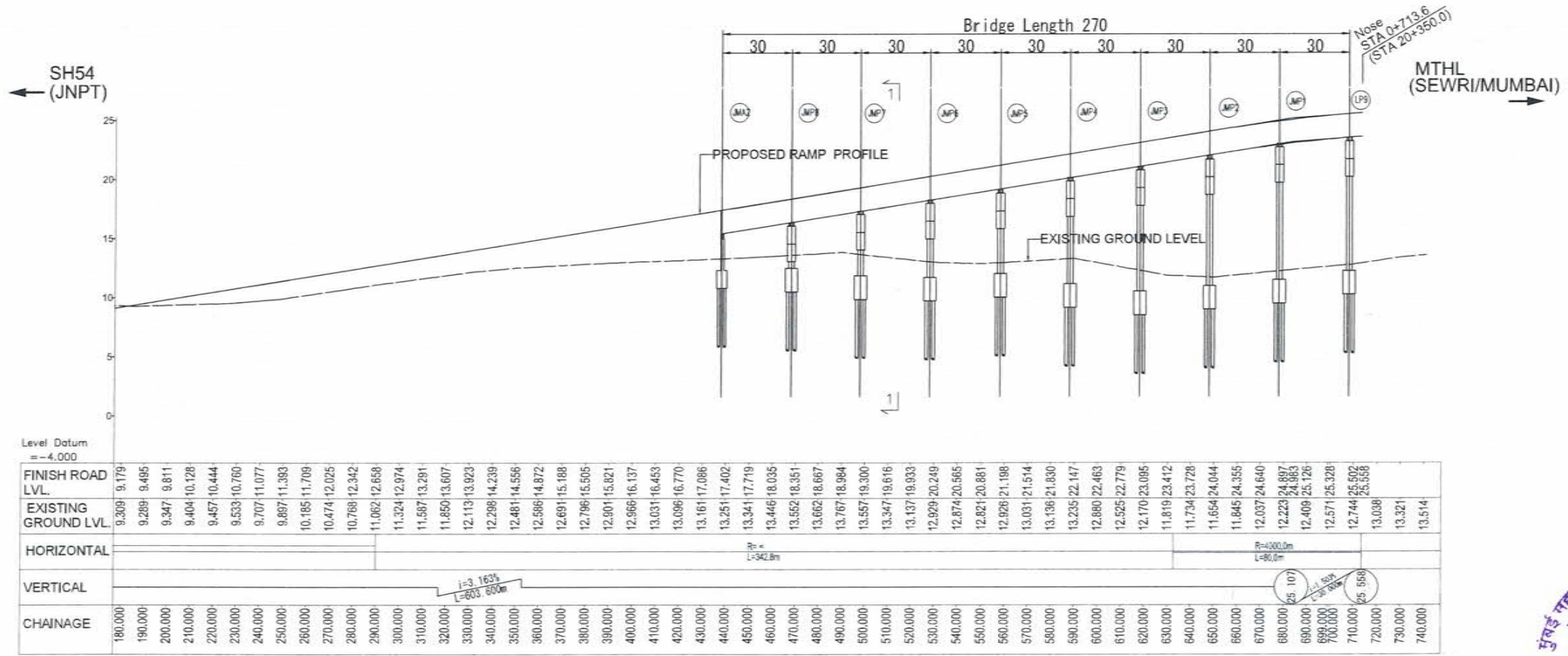
General View of RAMP JM at SH54 Interchange

1957



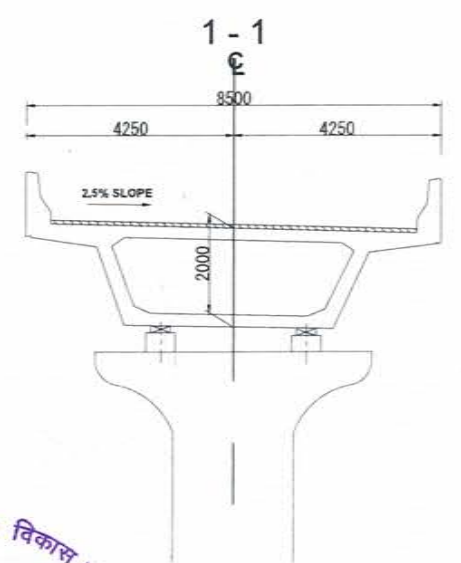
PLAN
SCALE 1:625 @ A1

KEY PLAN



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	9.179	9.289	9.495	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	12.658	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	13.857	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	12.525	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	12.223	24.983	12.409	25.126	12.571	25.328	12.744	25.502	13.038	13.321	13.514
EXISTING GROUND LVL.	9.309	9.179	9.289	9.495	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	12.658	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	13.857	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	12.525	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	12.223	24.983	12.409	25.126	12.571	25.328	12.744	25.502	13.038	13.321	13.514

LONGITUDINAL SECTION OF RAMP 'JM'
PROFILE
SCALE H=1:625 V=1:250 @ A1



CROSS SECTION
SCALE 1:100 @ A1

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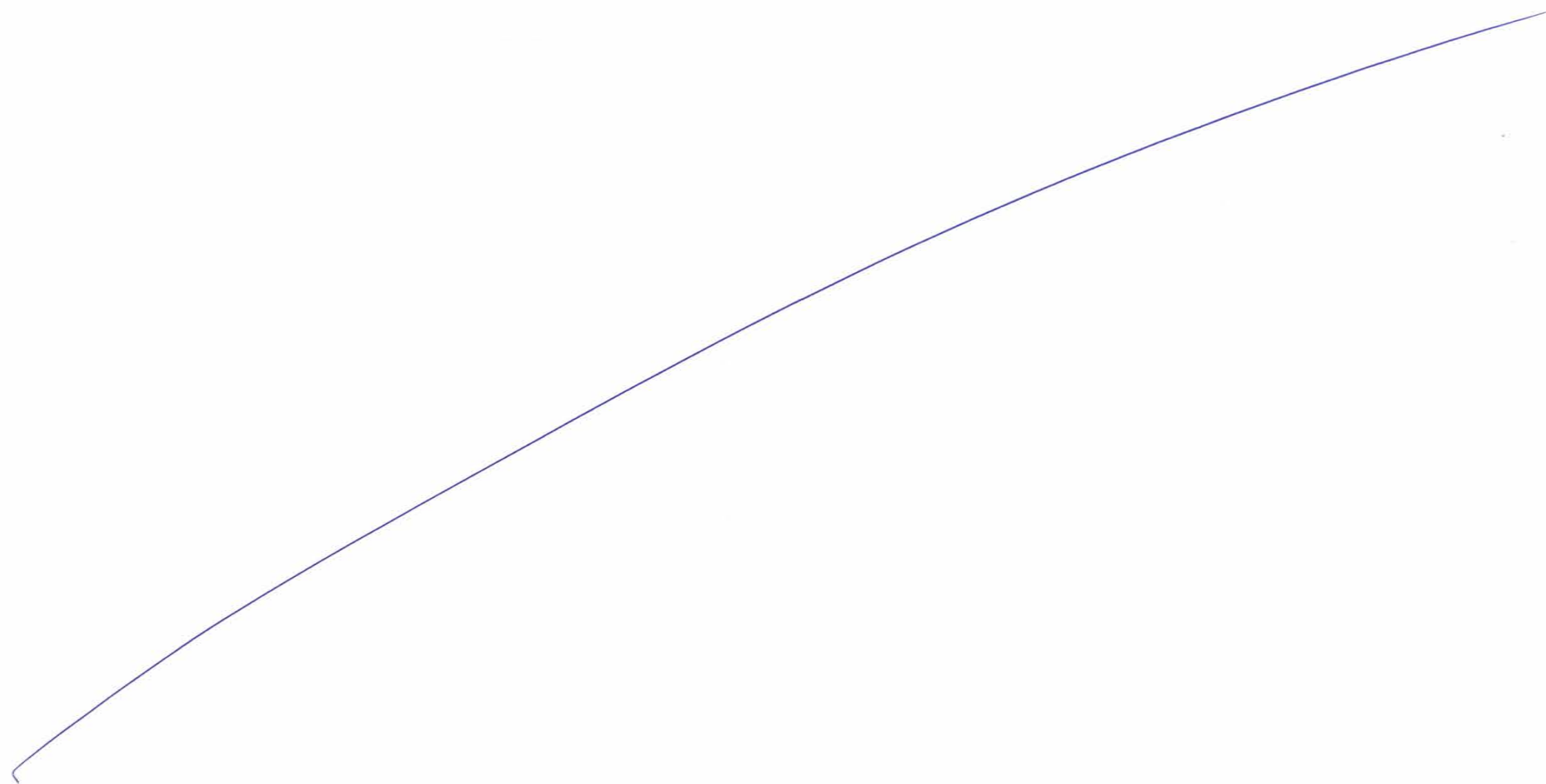
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



TITLE -
General View of RAMP JM
at SH54 Interchange

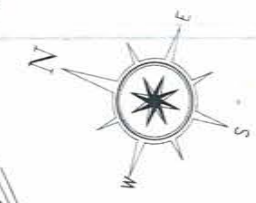
DATE: _____ DRAWING NO. **B-043** REV. _____

1958



Plan of Chirle Interchange

1959



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DEVELOPMENT AUTHORITY

PROJECT :-

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE :-

Plan of Chirle Interchange

DATE

DRAWING NO.

B-044

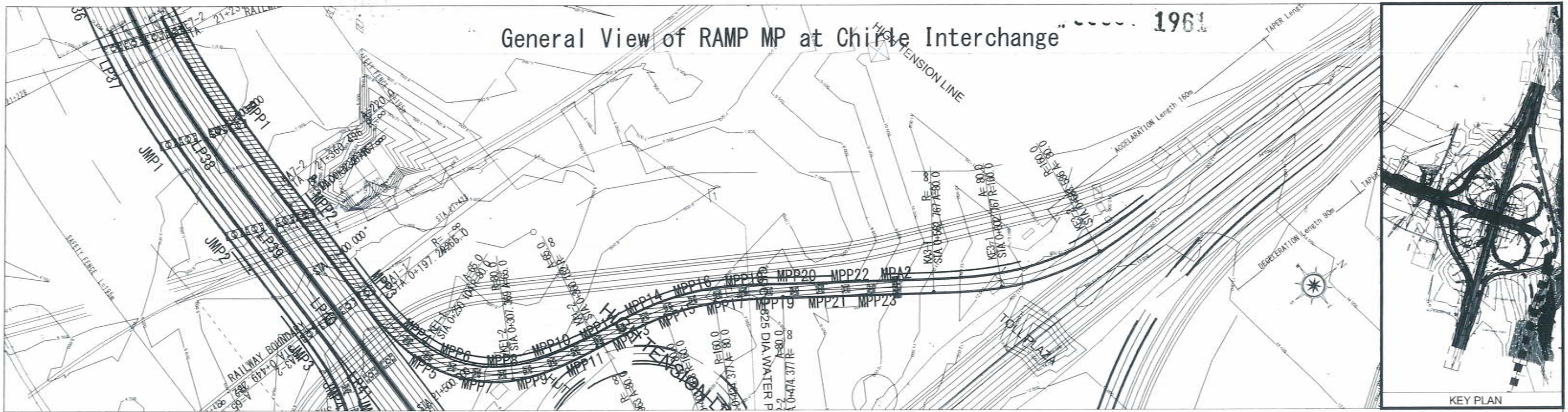
REV.



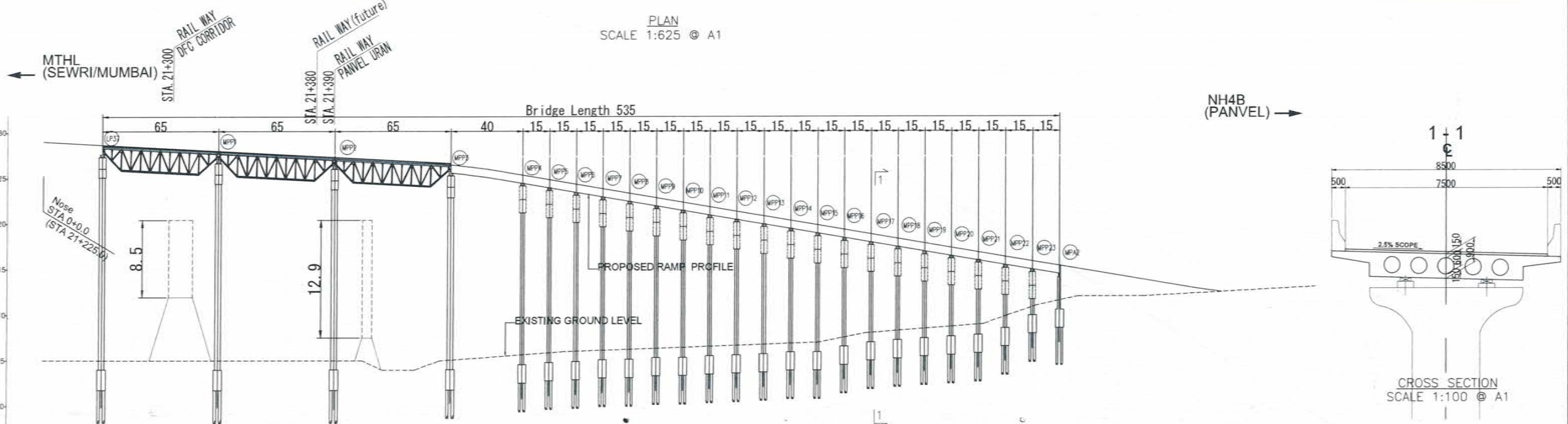
1960



General View of RAMP MP at Chirle Interchange 1961



PLAN
SCALE 1:625 @ A1



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

NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	

MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

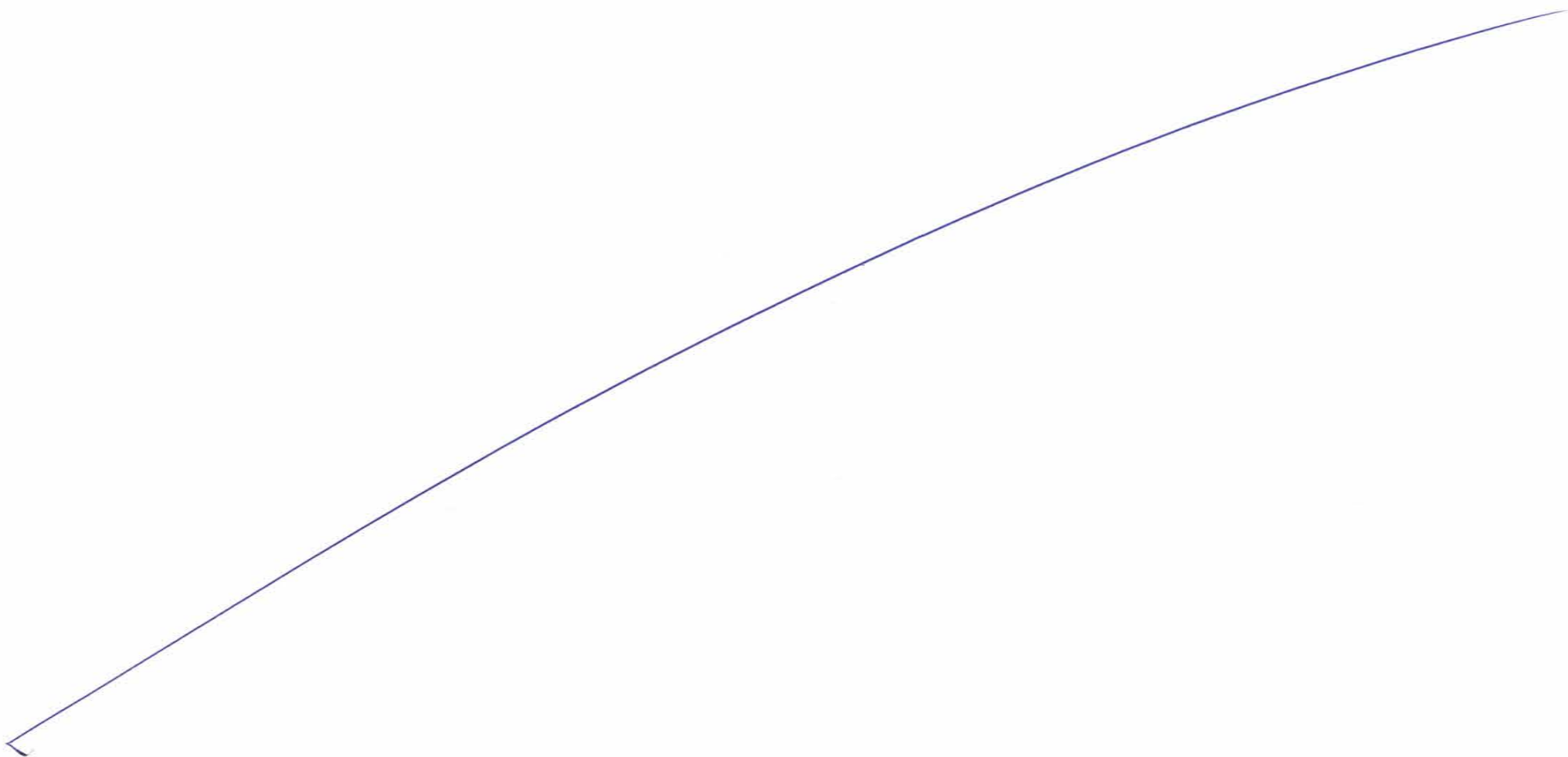
PROJECT :-
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

TITLE :-
General View of RAMP MP
at Chirle Interchange

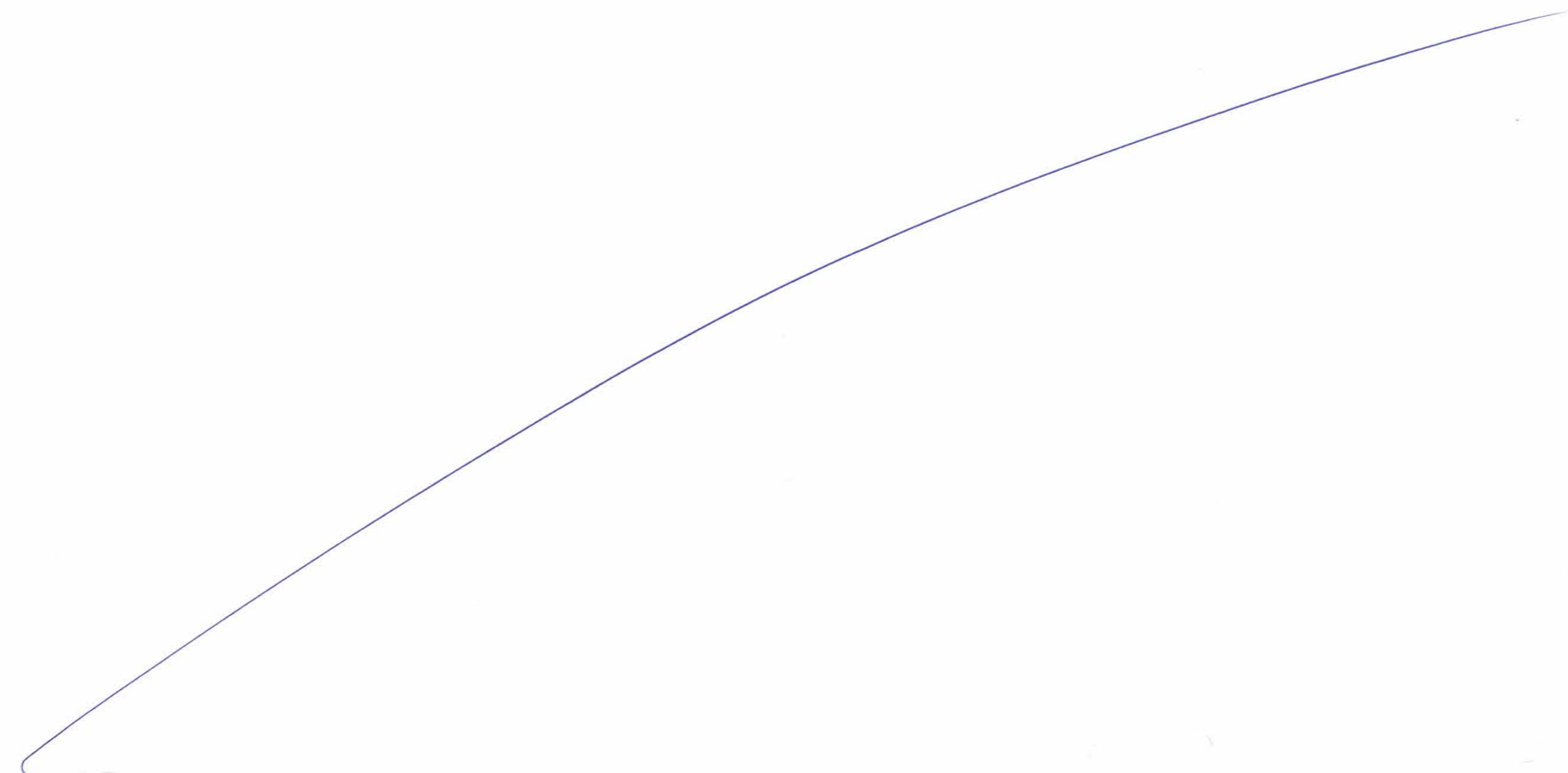
DATE: _____ DRAWING NO. B-045 REV. _____



.. 1962

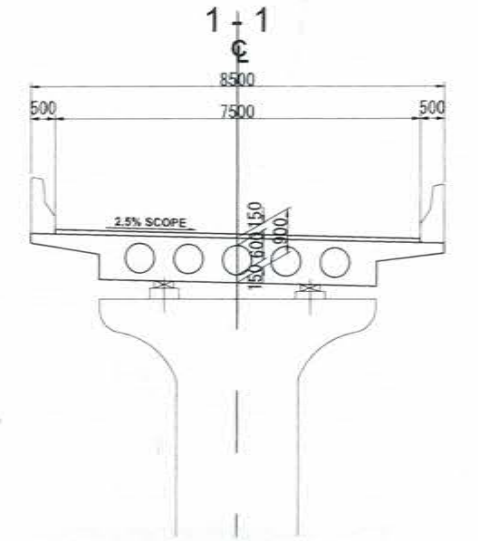
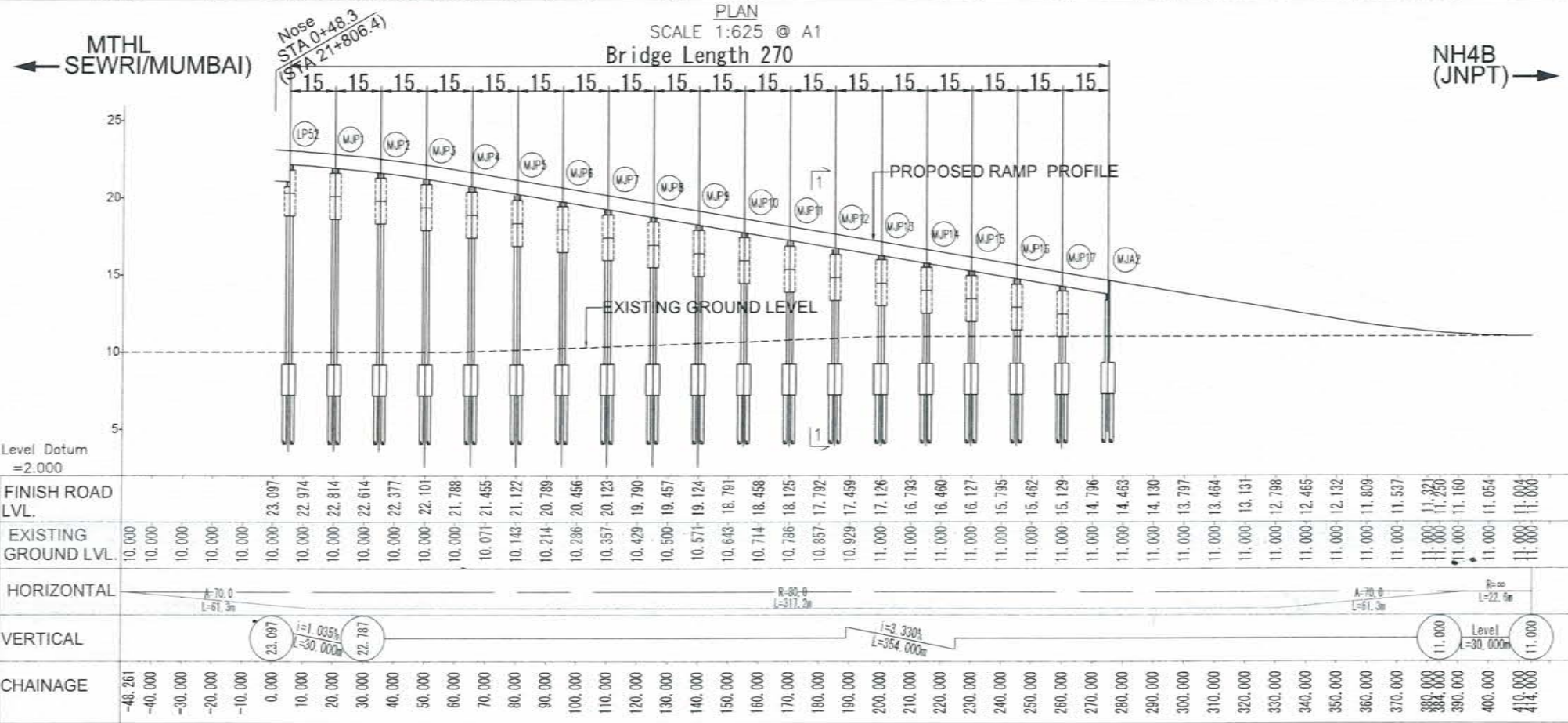
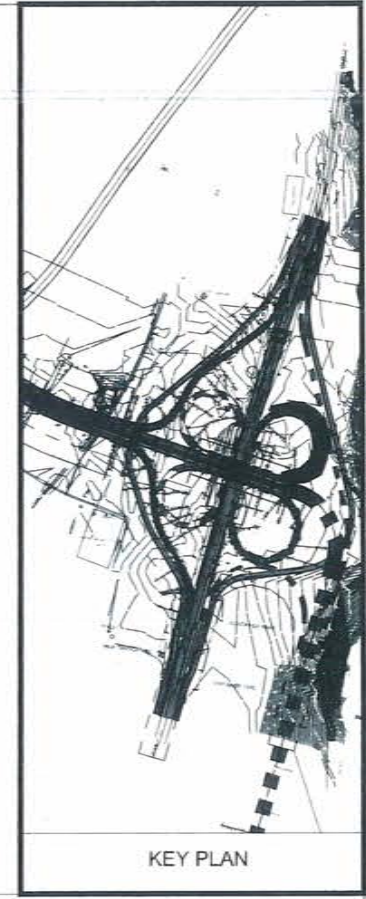
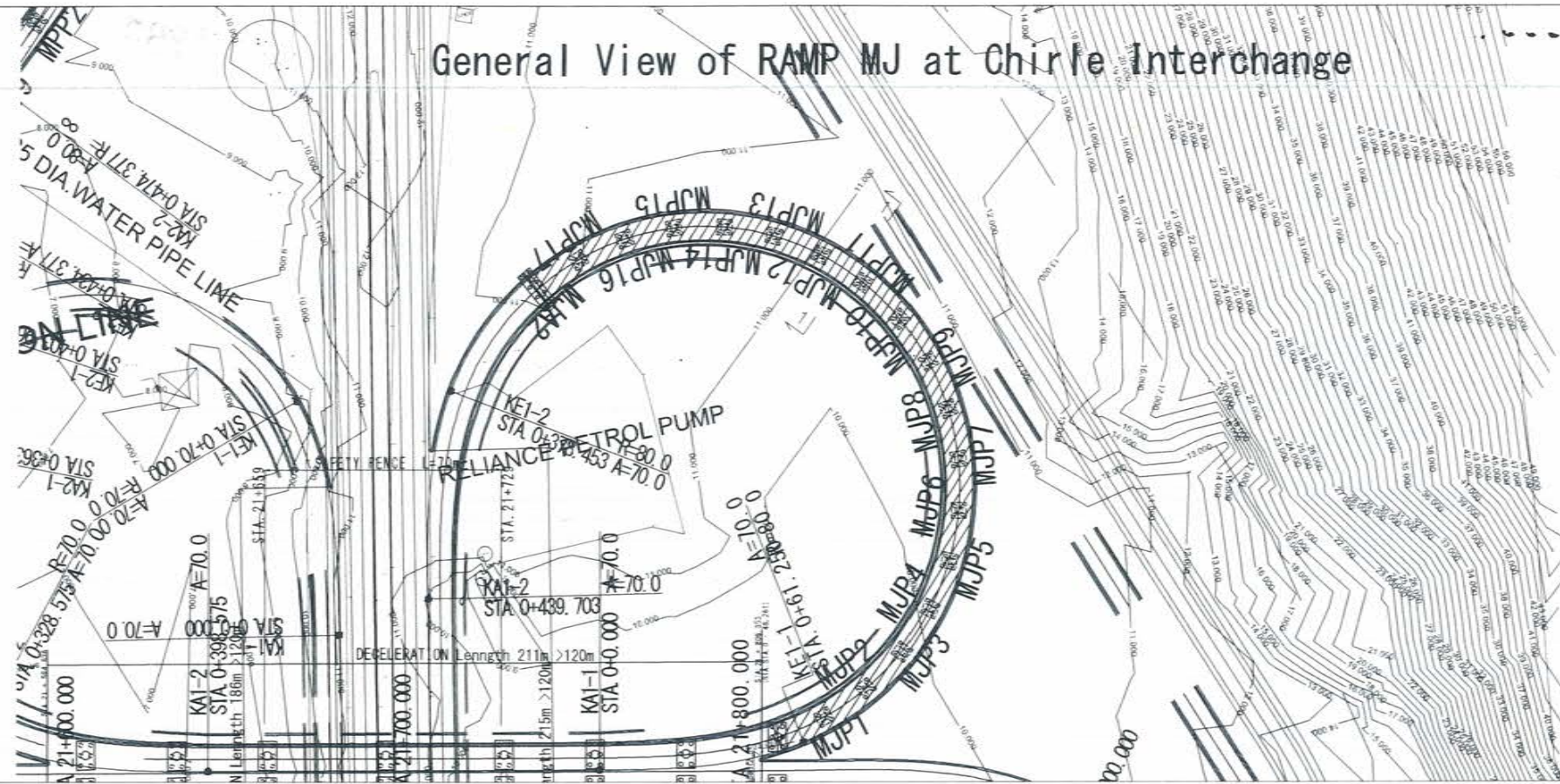


..... 1964



General View of RAMP MJ at Chirle Interchange

1965



LONGITUDINAL SECTION OF LOOP 'MJ' FROM MUMBAI TO JNPT PROFILE

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

CROSS SECTION SCALE 1:100 @ A1

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PROJECT -

MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS

TITLE -

General View of RAMP MJ
at Chirle Interchange

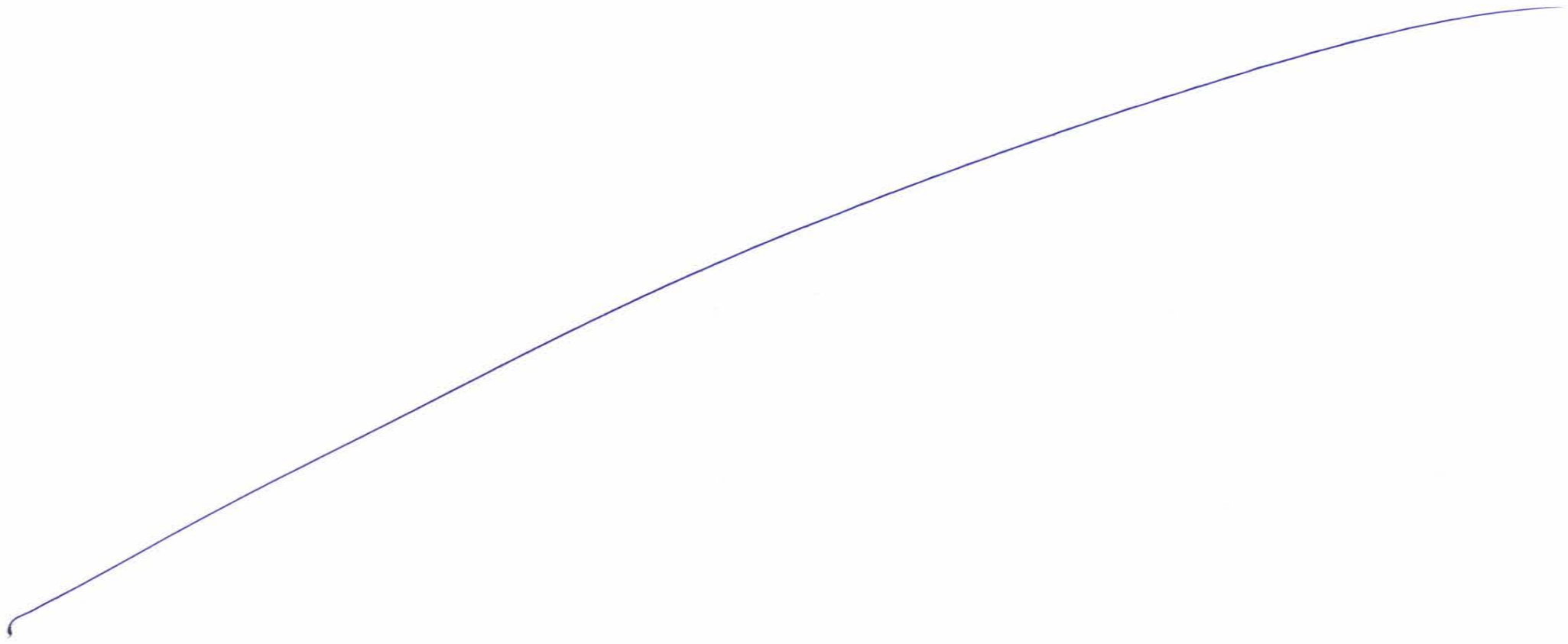
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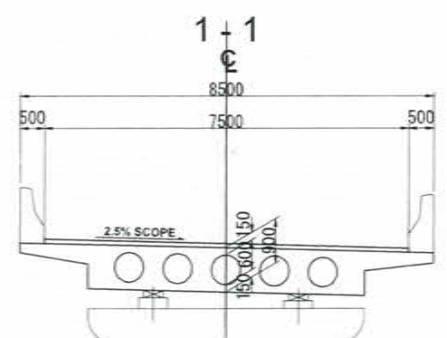
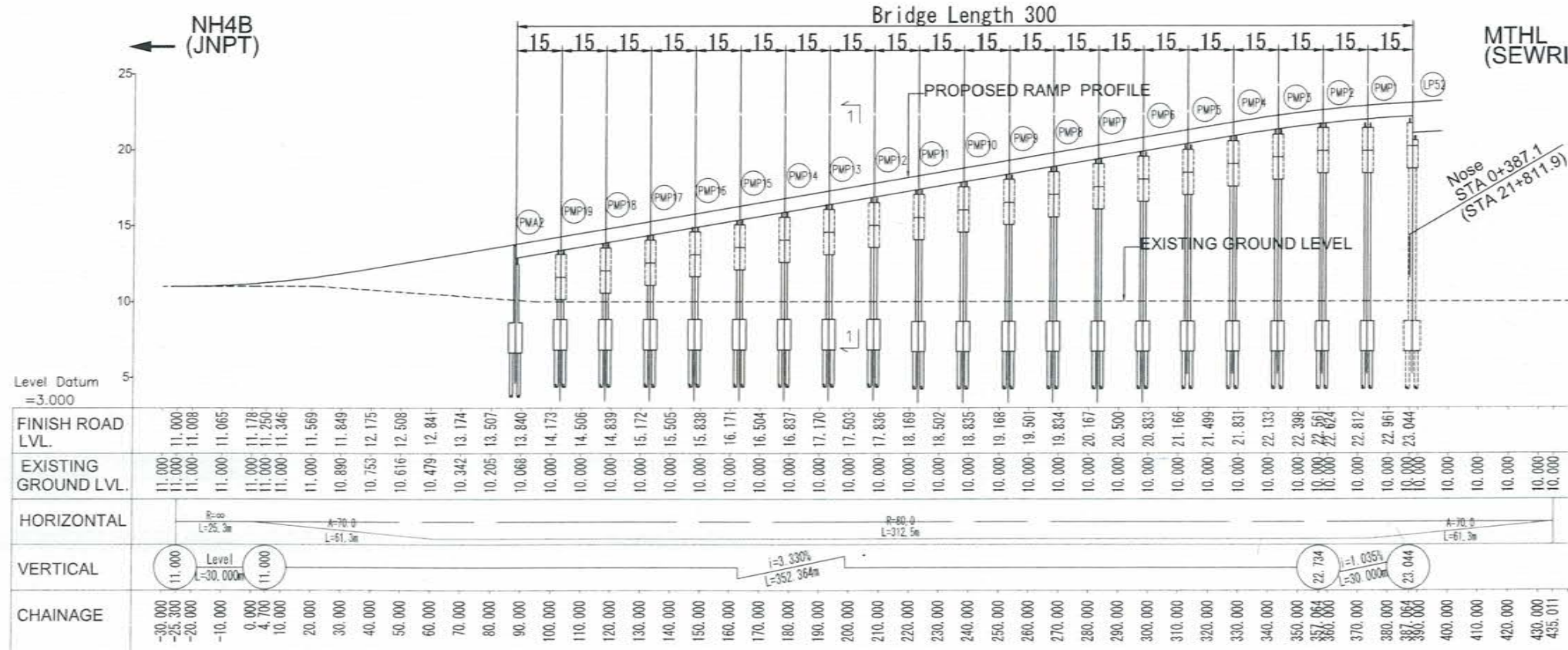
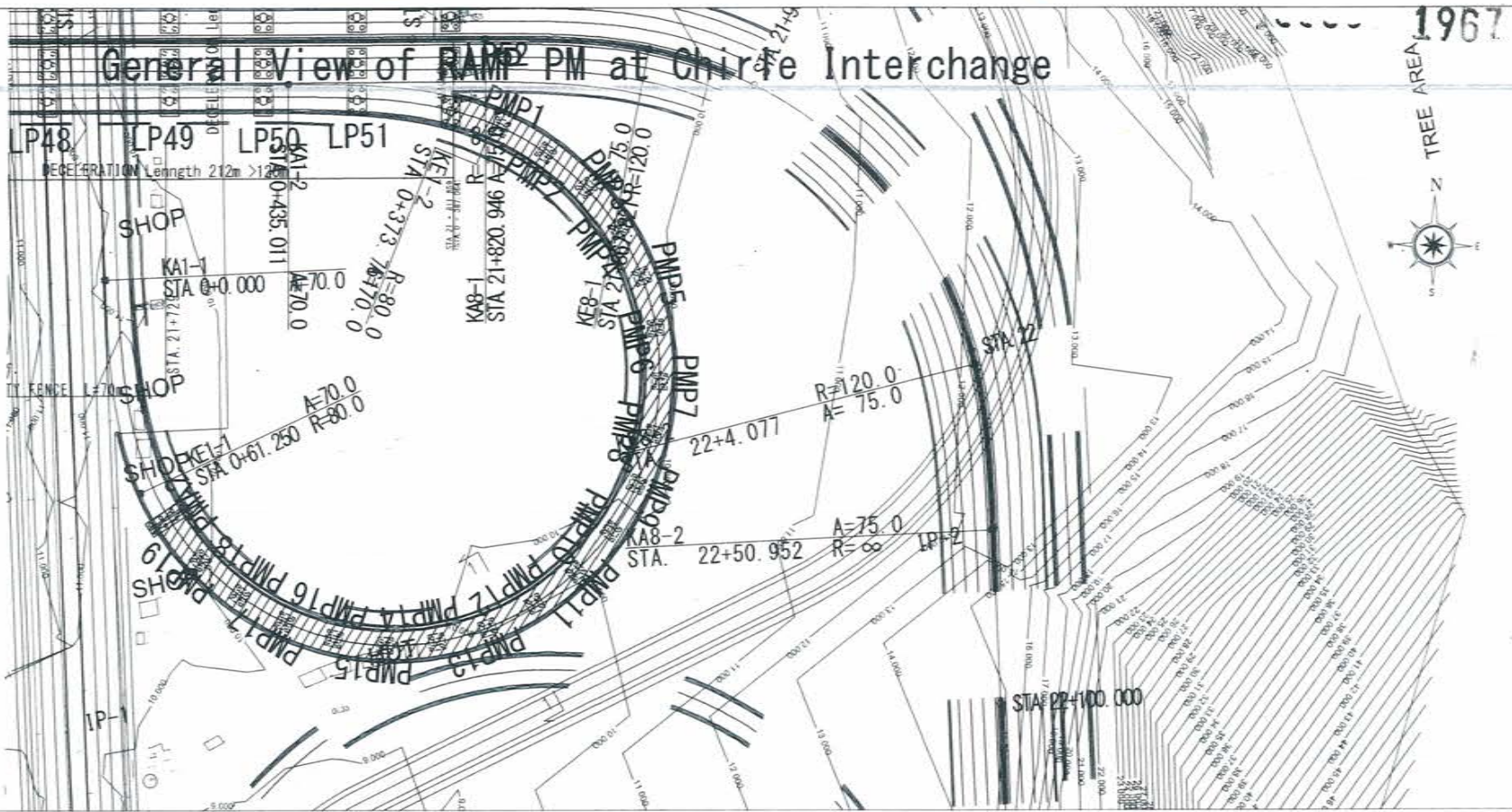
DRAWING NO.

B-047

REV.

..... 1966





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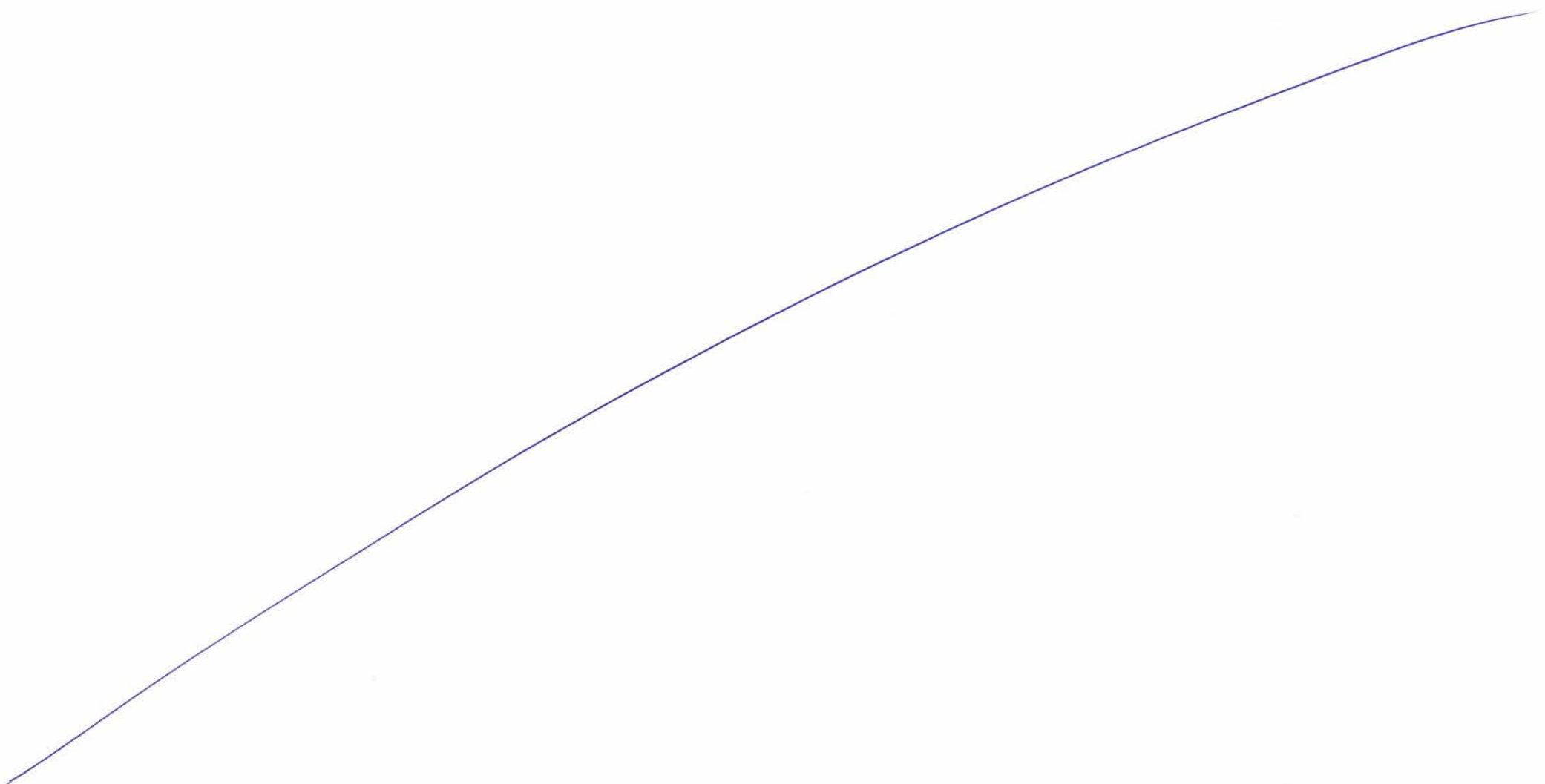


PROJECT :-
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS



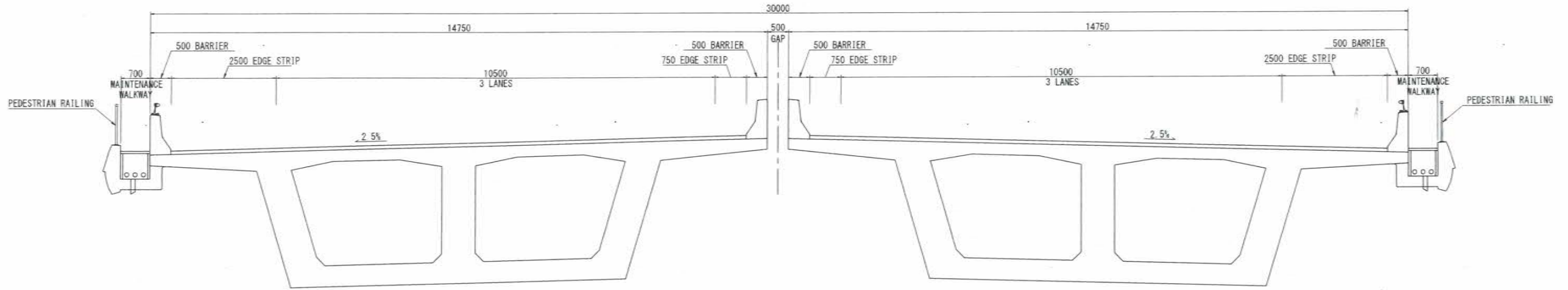
TITLE	DATE	DRAWING NO.	REV.
General View of RAMP PM at Chirle Interchange		B-048	

.. 1968



Detail of Noise Barrier, View Barrier, Safety Fence and Lighting Facility - 1969

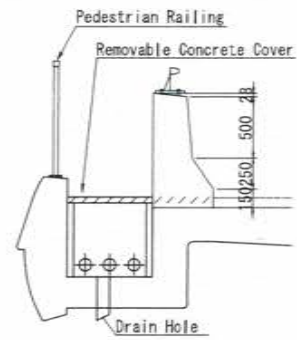
Typical Cross Section of Superstructure of PC Box Girder Bridge S=1:30



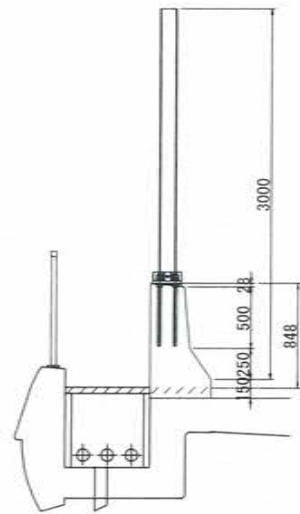
Detail of Barrier S=1:30

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

Lighting Facility S=1:30



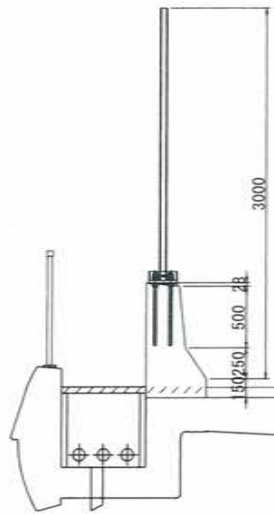
Noise Barrier
View Barrier



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

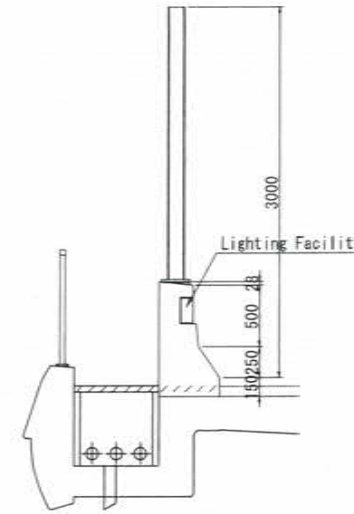
Chainage	Length
CH. 4+000 to CH. 10+000 (North)	6,000m

Safety Fence



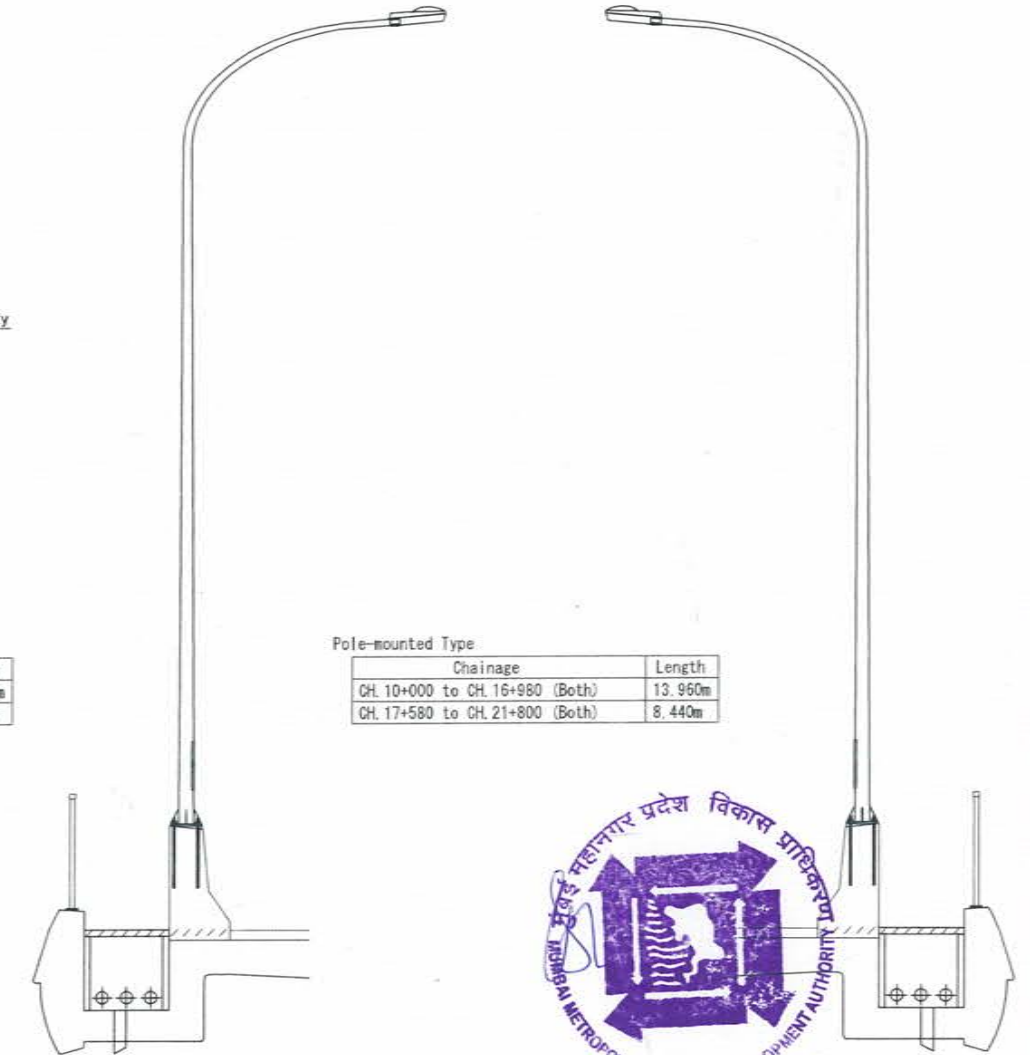
Chainage	Length
CH. 5+500 to CH. 6+078 (South)	578m
CH. 8+720 to CH. 9+080 (South)	360m
CH. 13+138 to CH. 13+510 (Both)	744m
CH. 16+840 to CH. 16+880 (Both)	968m
CH. 18+087 to CH. 18+127 (Both)	80m
CH. 18+187 to CH. 18+217 (Both)	60m
CH. 18+317 to CH. 18+357 (Both)	80m
CH. 18+421.5 to CH. 18+491.5 (Both)	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 View Barrier and the Safety Fence are referred in the outline specification



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PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**



TITLE -

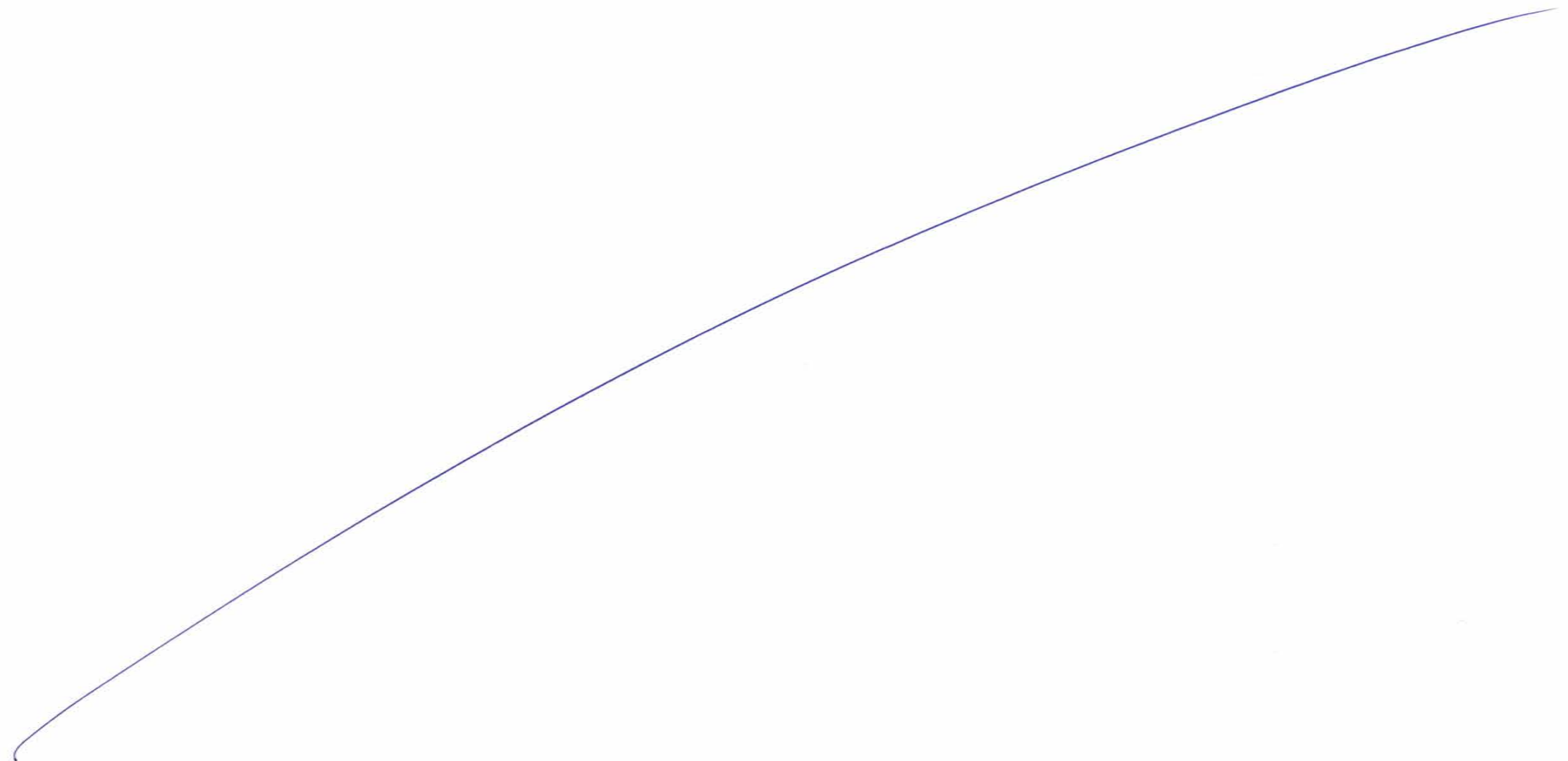
Typical Cross Section of Superstructure
of PC Box Girder Bridge

DATE

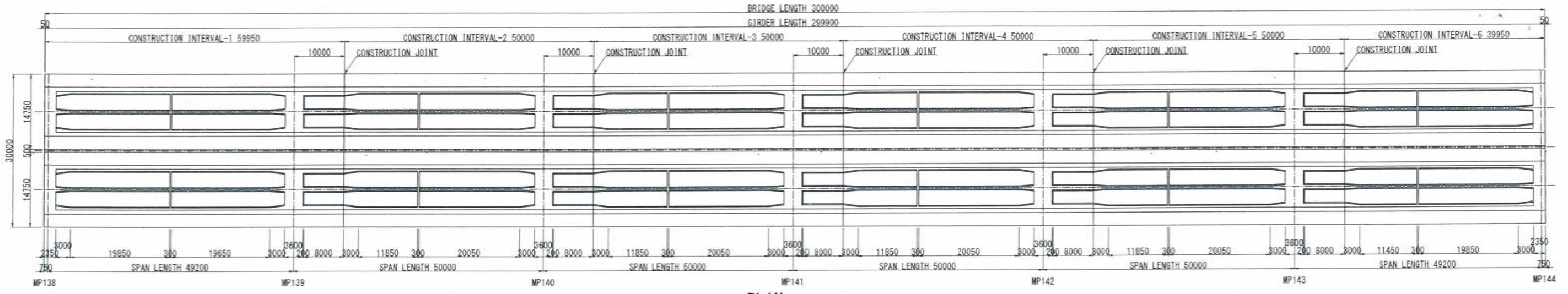
DRAWING NO. B-049

REV.

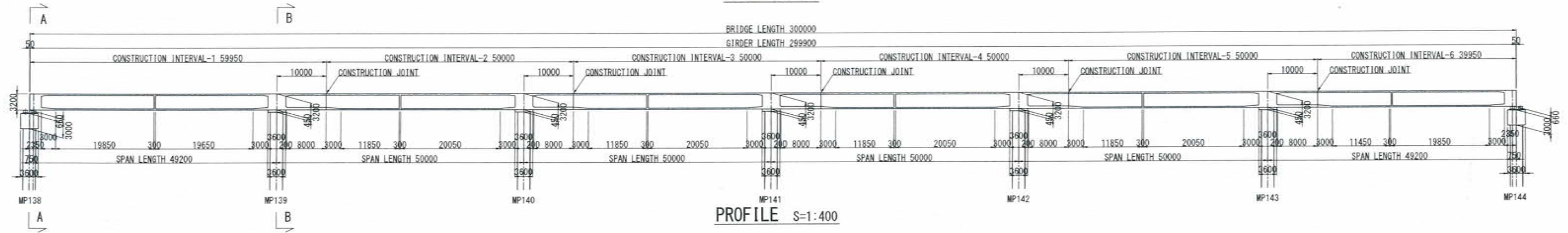
..... 1970



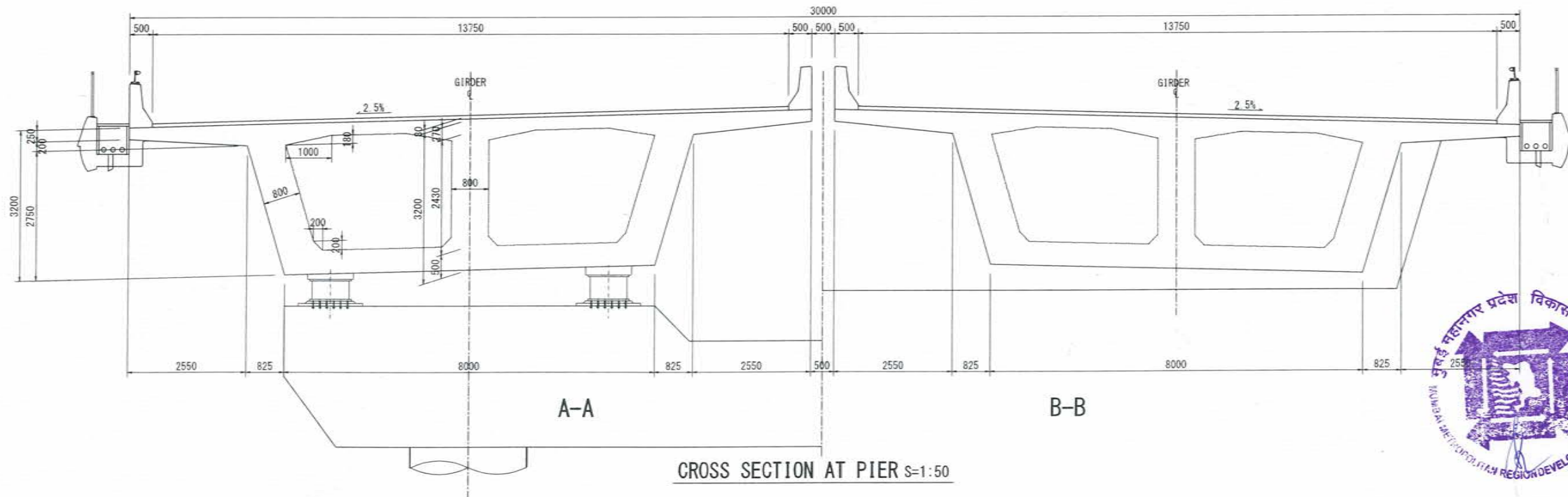
General View of Superstructure of PC Box Girder Bridge (50m spans) 1971



PLAN S=1:400



PROFILE S=1:400



CROSS SECTION AT PIER S=1:50



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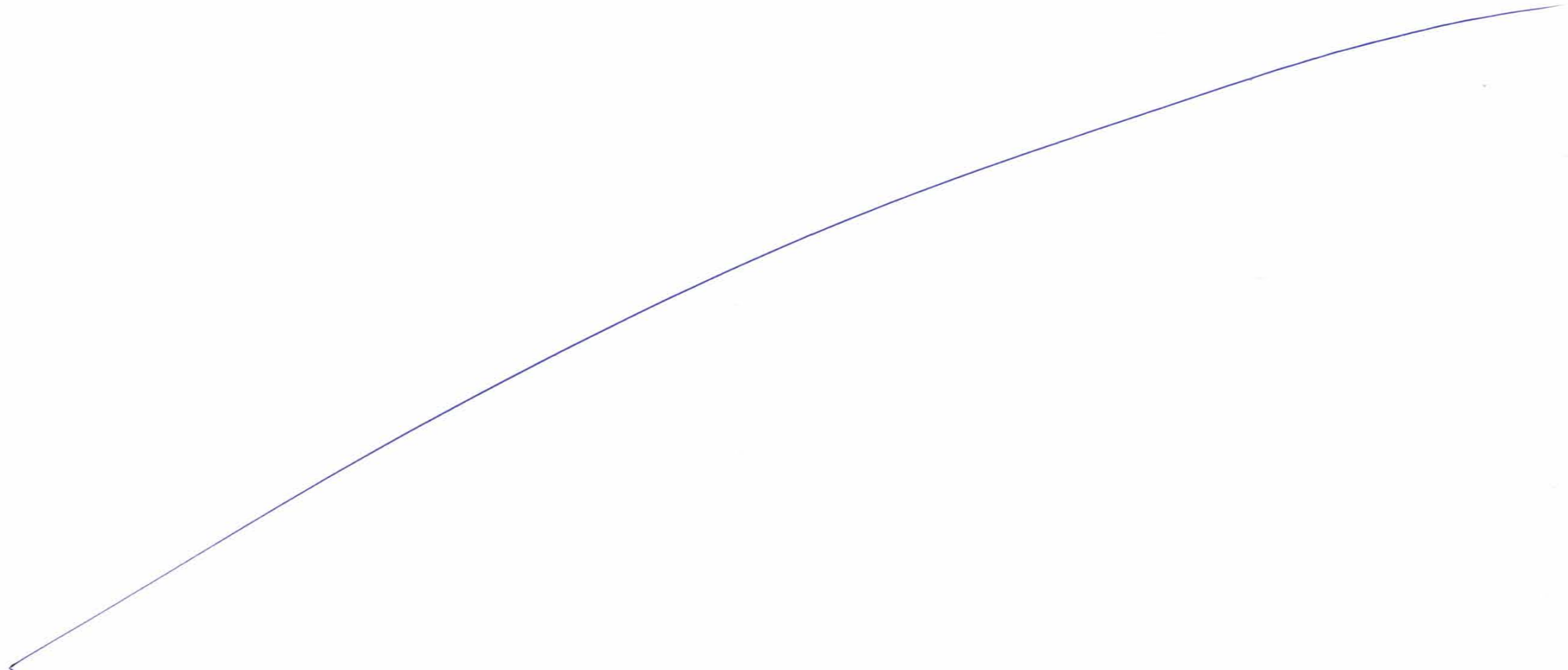
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT :-

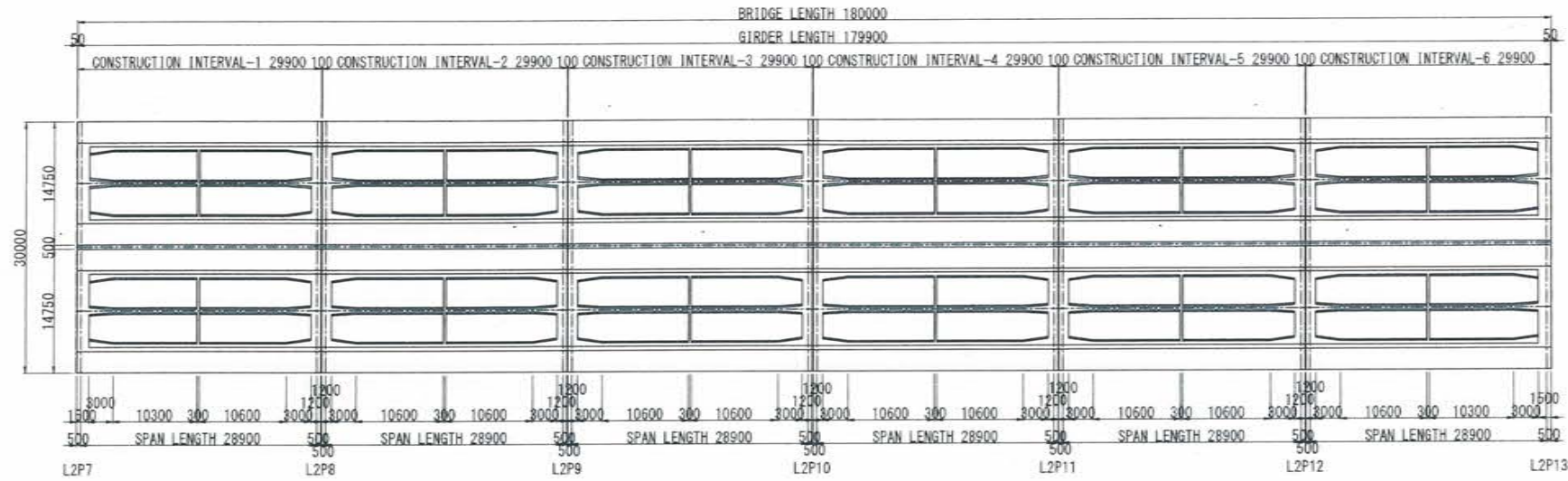
**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

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

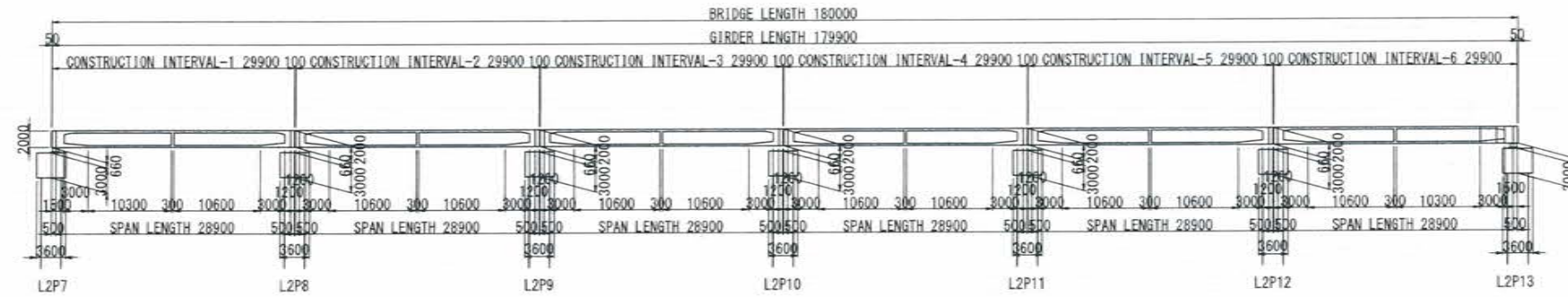
..... 1972



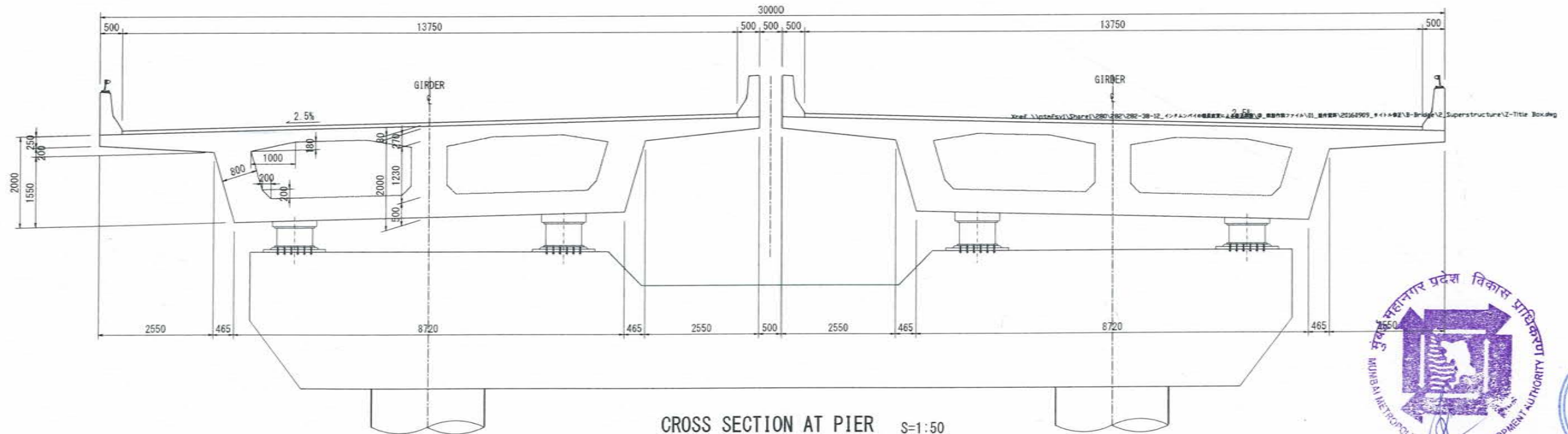
General View of Superstructure of PC Box Girder Bridge (30m spans)



PLAN S=1:400



PROFILE S=1:400



CROSS SECTION AT PIER S=1:50

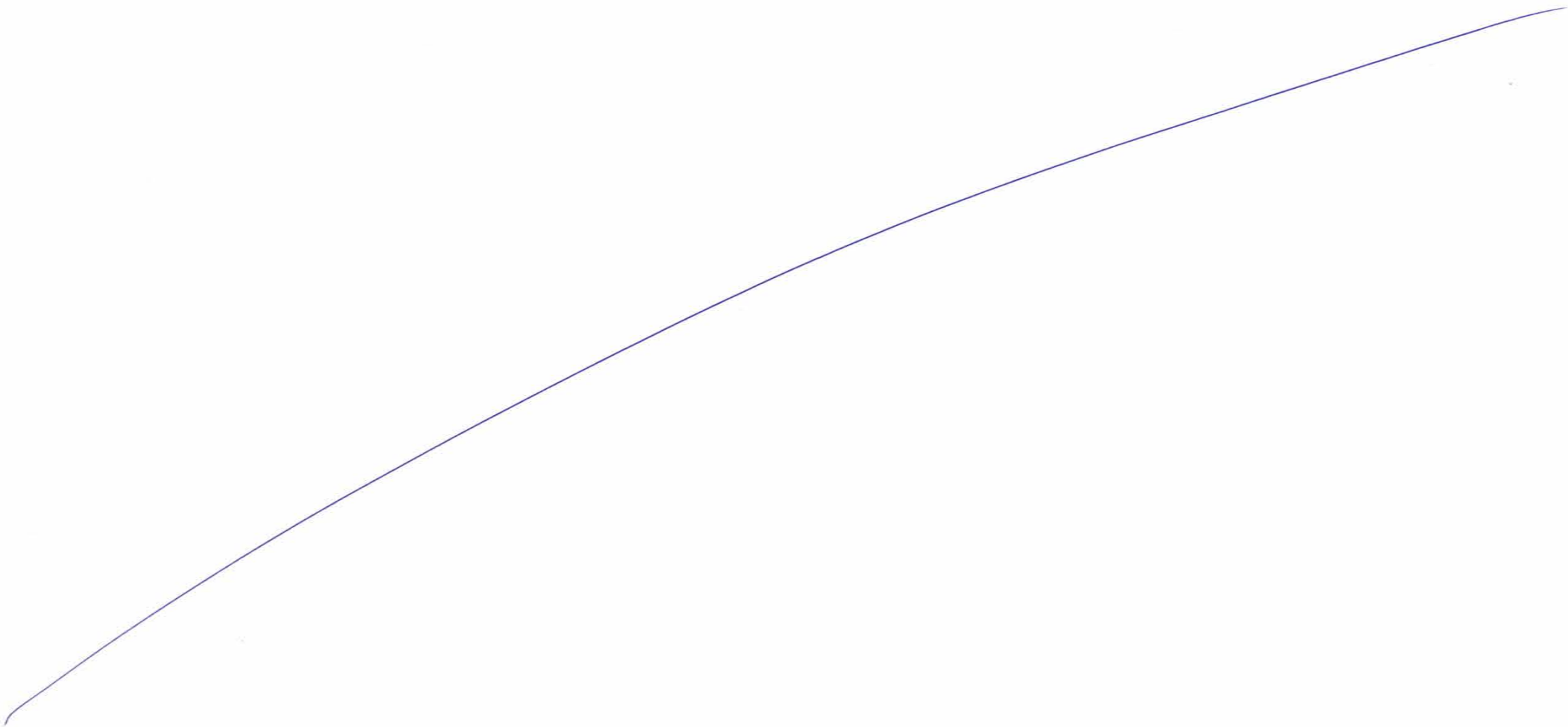


DRAWN BY		NAME		SIGN		PROJECT - MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS	TITLE - General View of Superstructure of PC Box Girder Bridge (30m spans)		
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APPROVED BY								B-051	

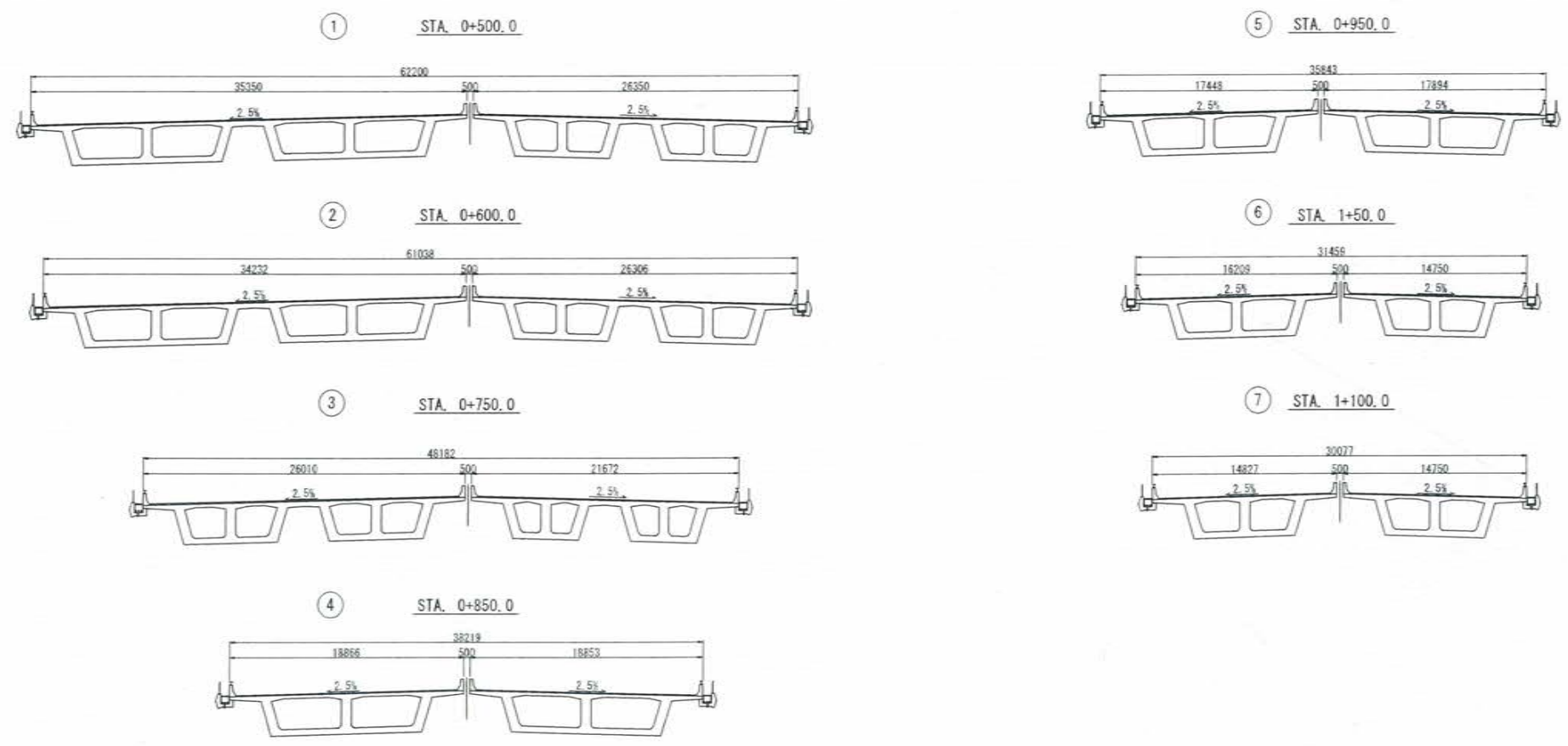
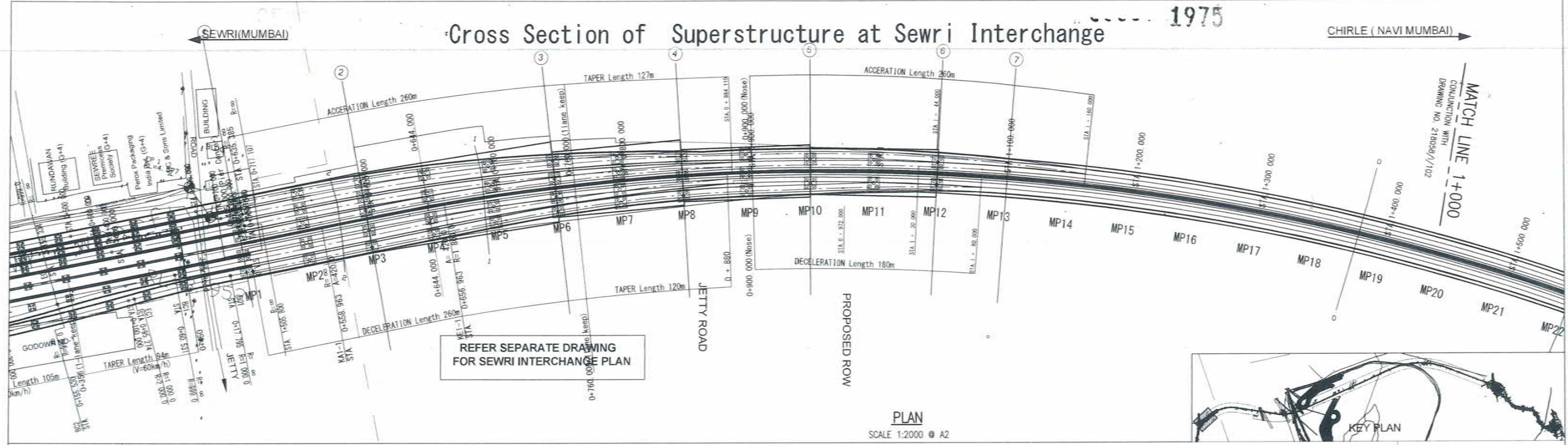


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.. 1974



Cross Section of Superstructure at Sewri Interchange 1975



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



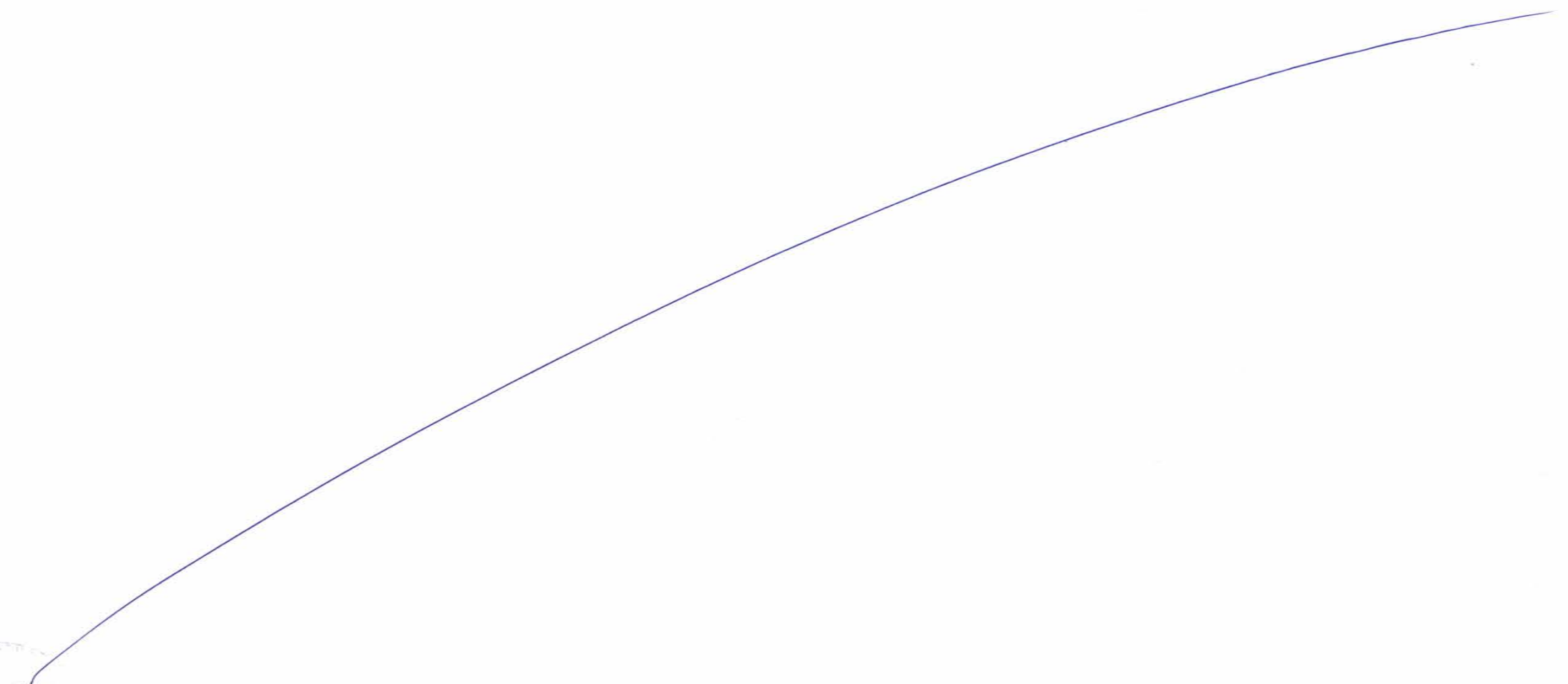
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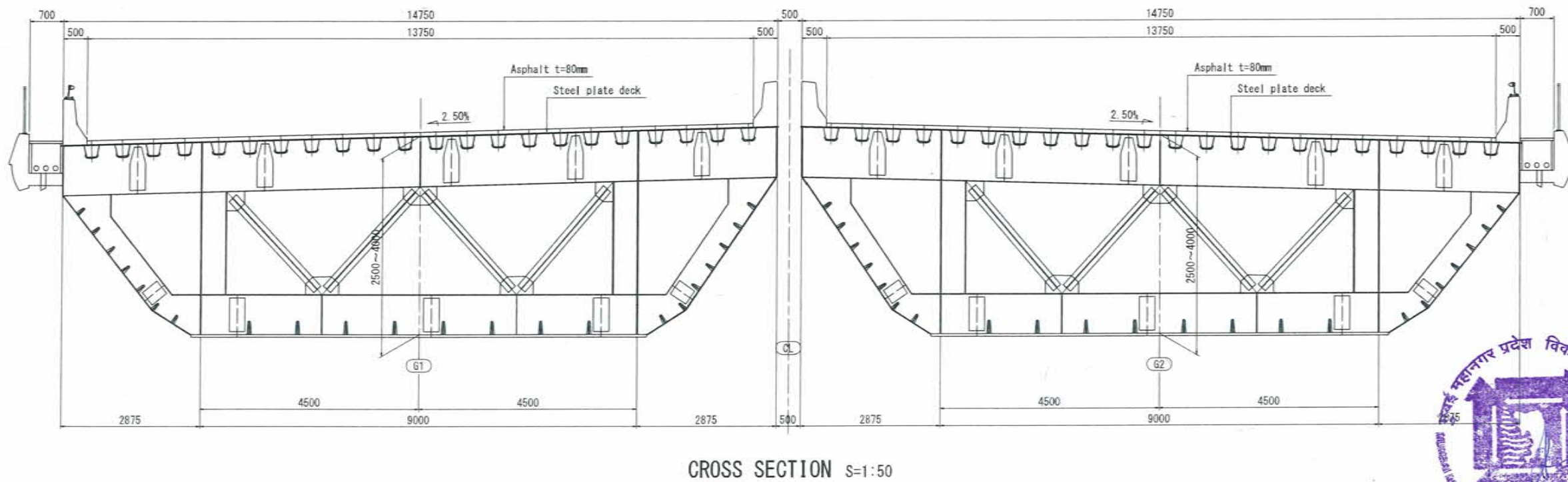
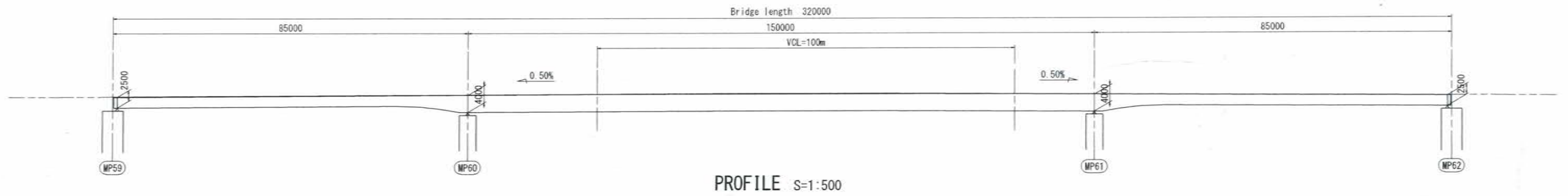
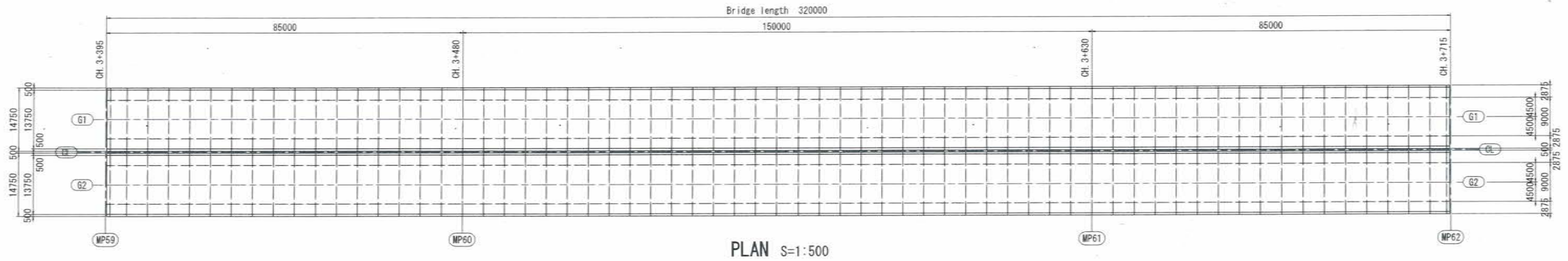
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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

.. 1976



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



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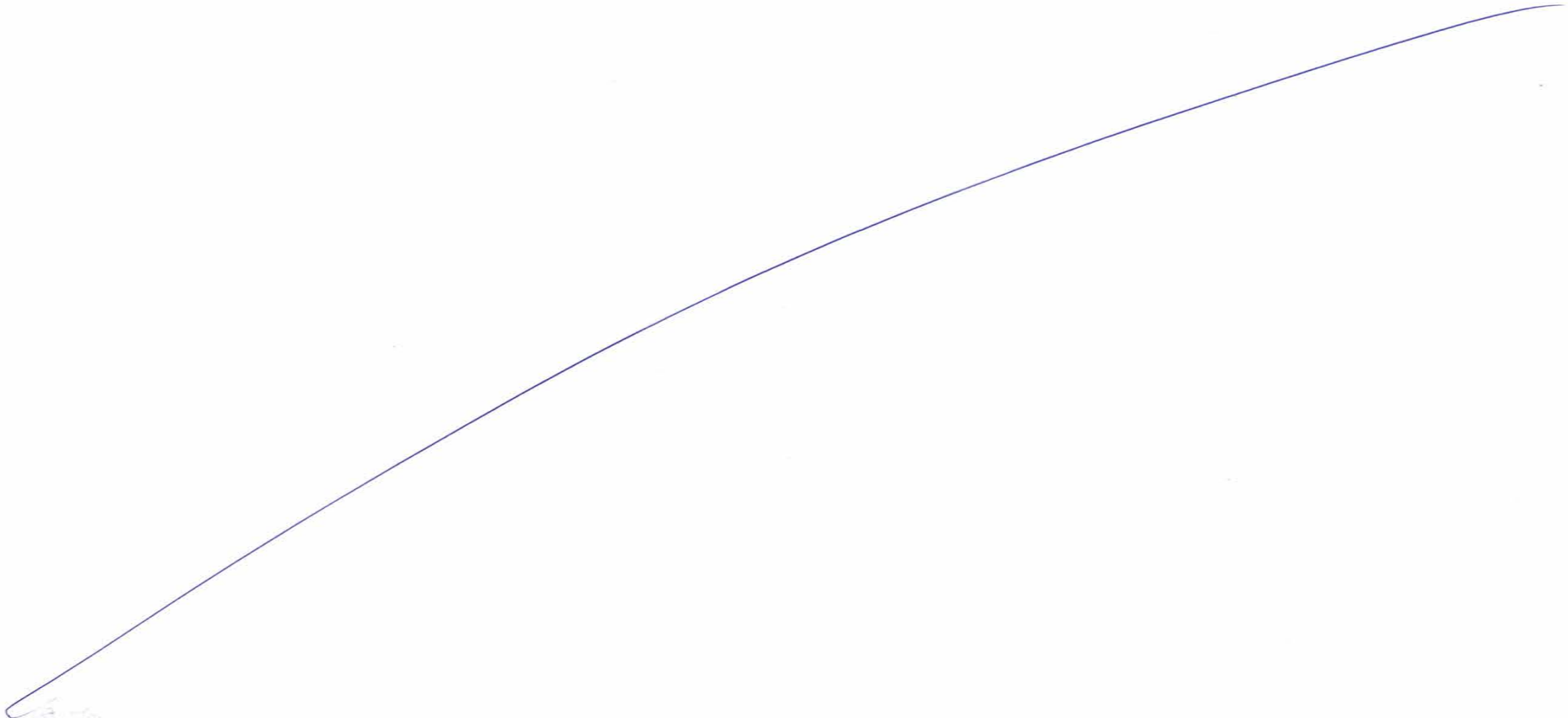
PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

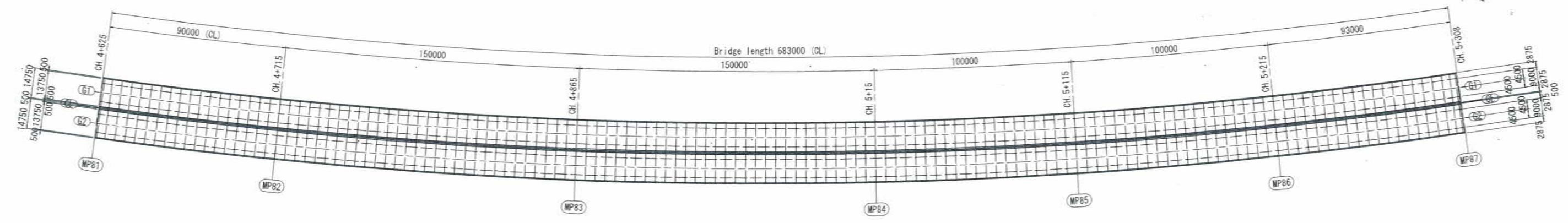
TITLE -
**General View of Superstructure
of Steel Box Girder Bridge with Steel Slab
(MP59-MP62)**

DATE: DRAWING NO. B-053 REV.

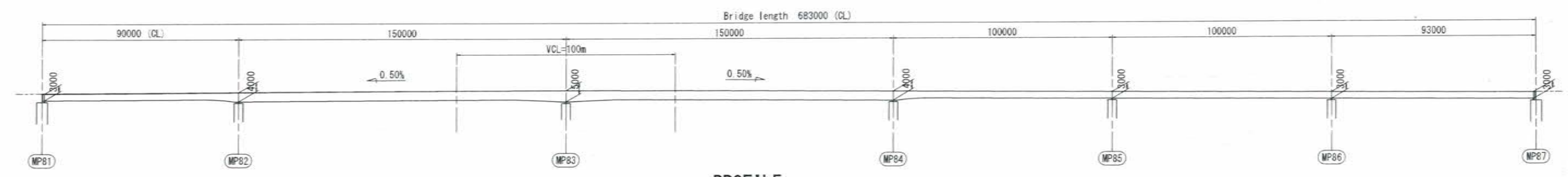
.. 1978



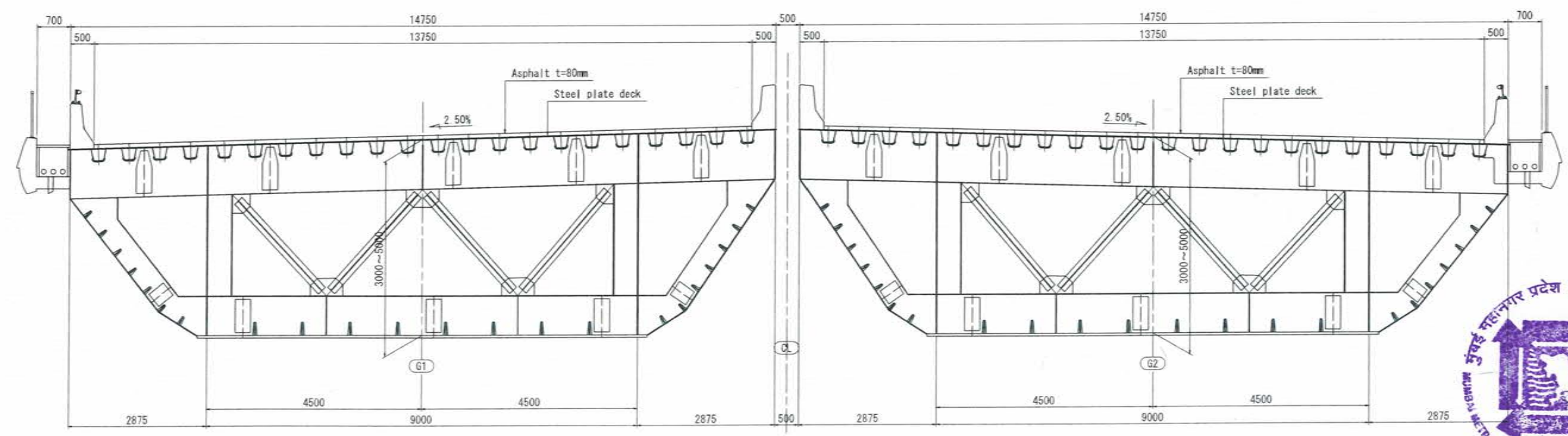
General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP81-MP87)



PLAN S=1:1000



PROFILE S=1:1000



CROSS SECTION S=1:50



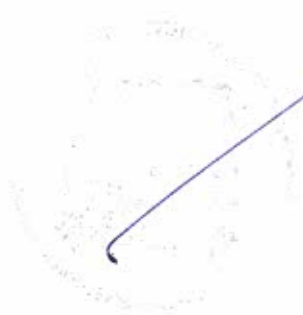
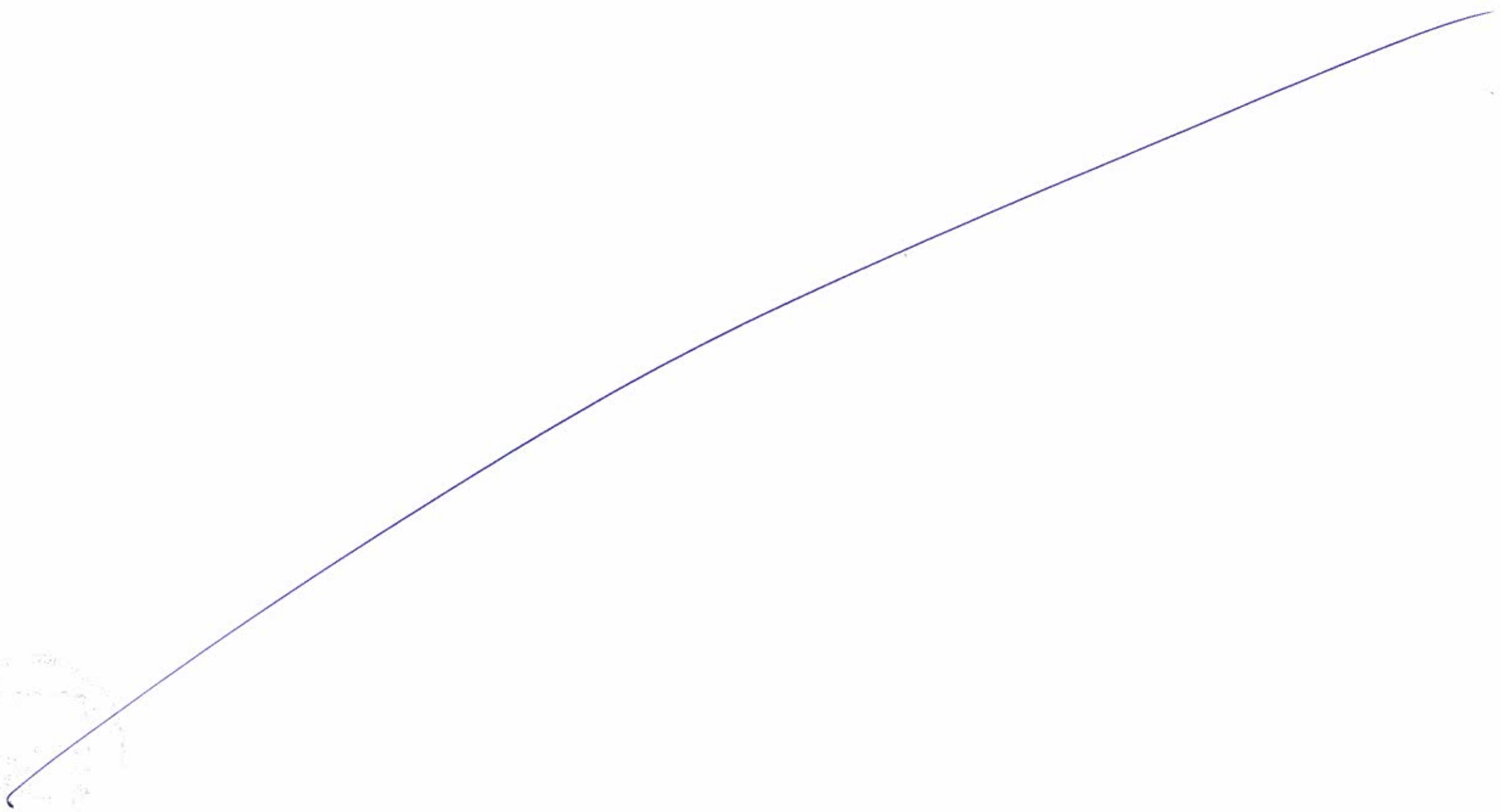
NAME	SIGN
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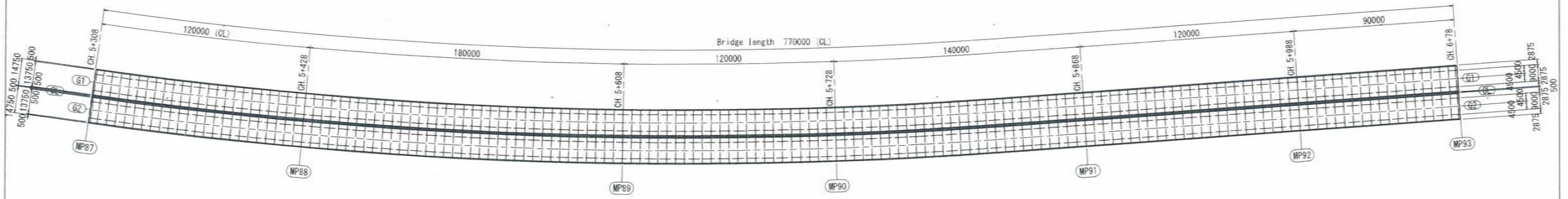
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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

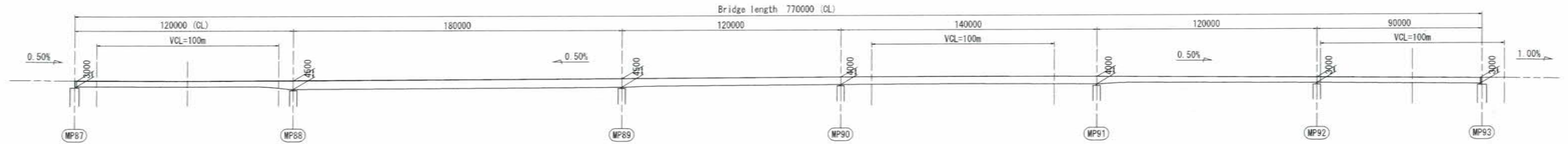
..... 1980



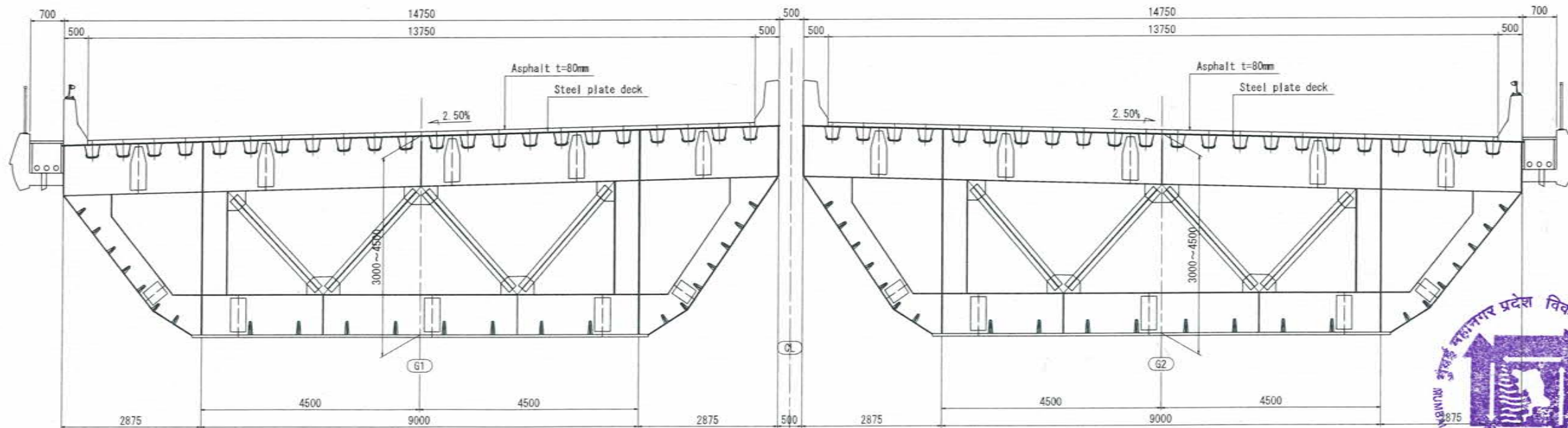
General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP87-MP93)



PLAN S=1:1100



PROFILE S=1:1100



CROSS SECTION S=1:50

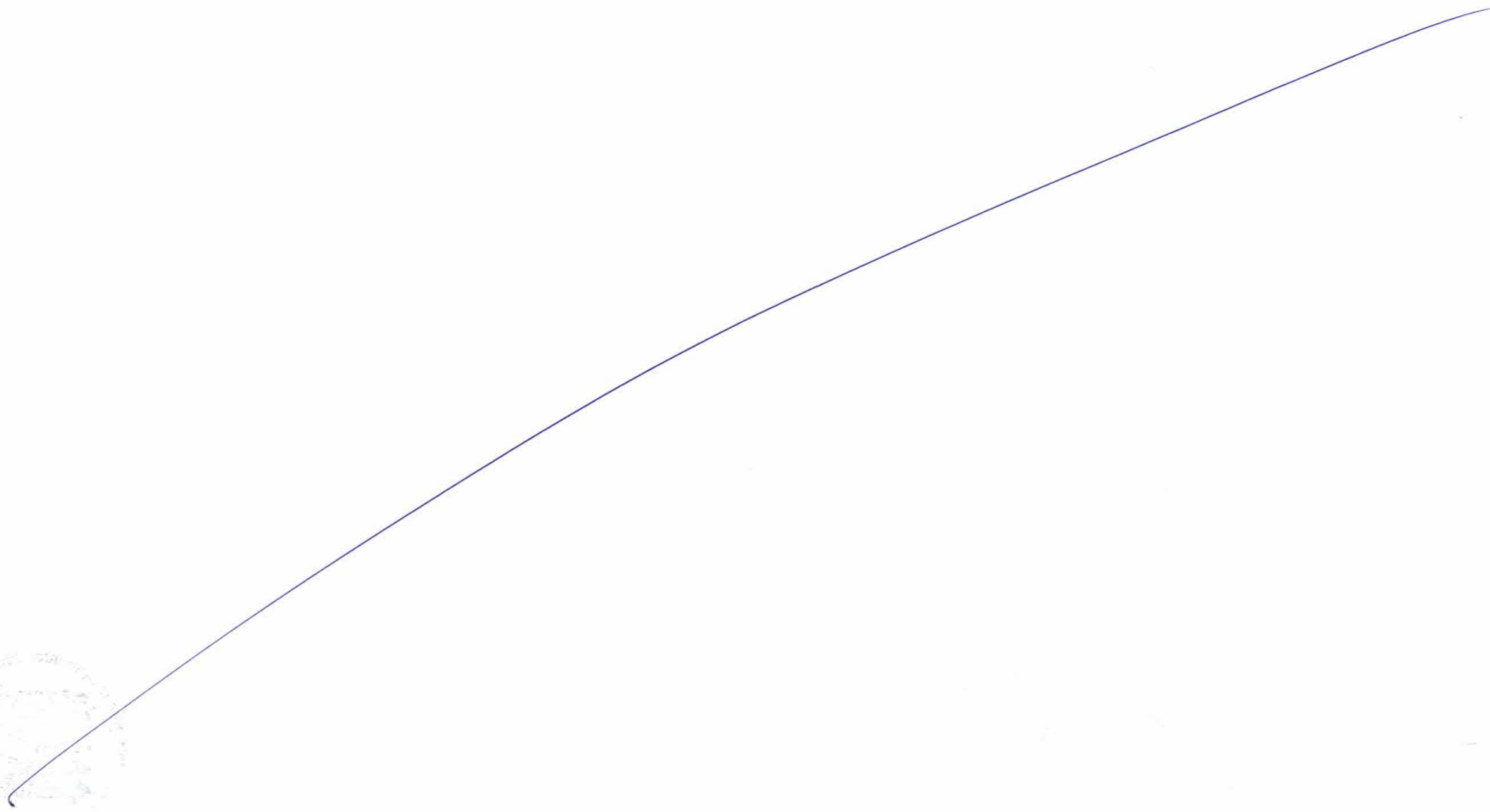


DRAWN BY		 MMRDA MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY	PROJECT -	MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS		TITLE -	
CHECKED BY						General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP87-MP93)	
APPROVED BY						DATE	DRAWING NO. B-055

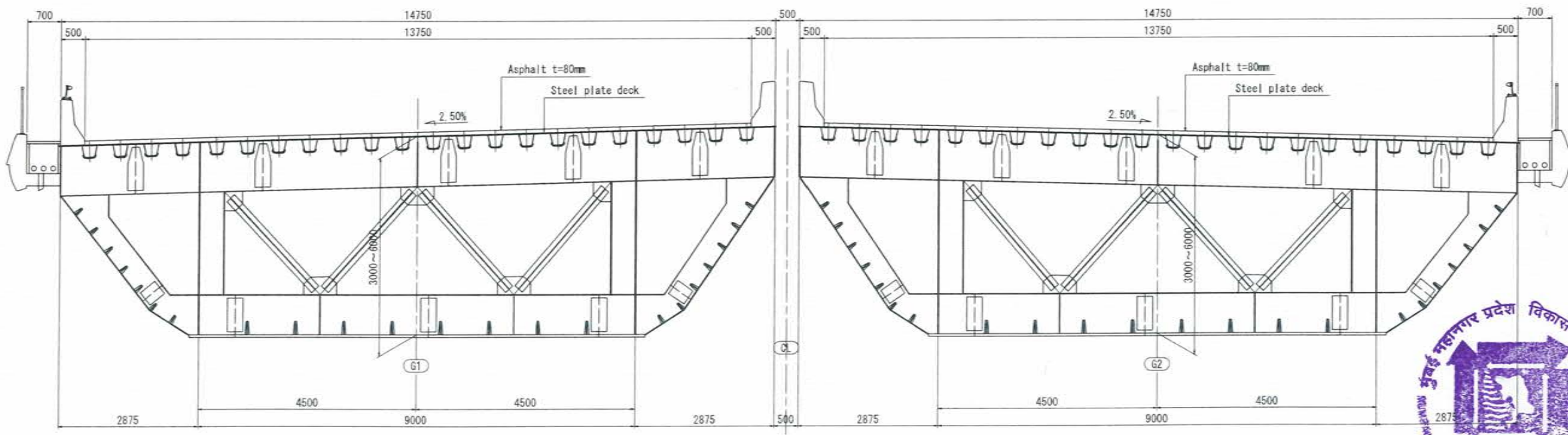
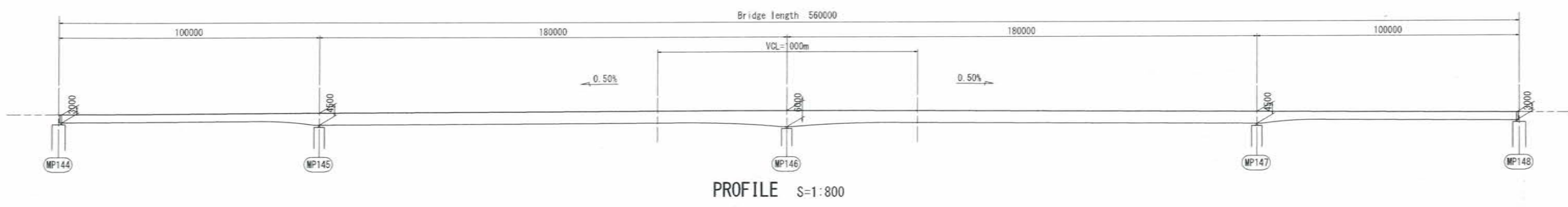
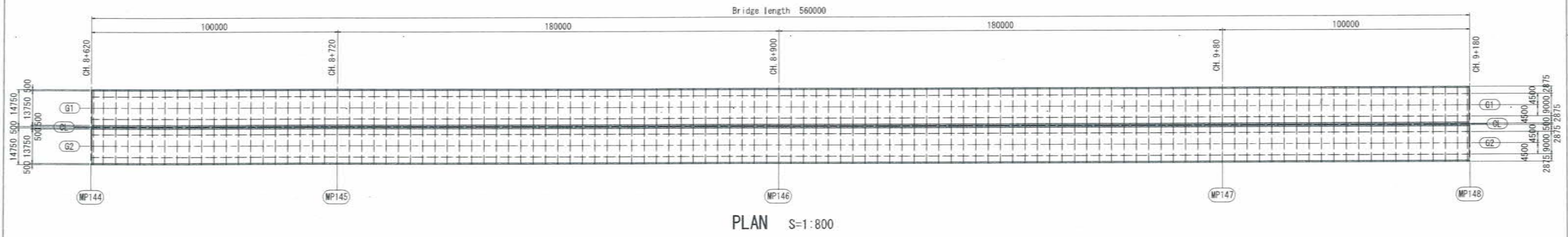
.. 1982



..... 1980



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



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MUMBAI TRANS HARBOUR LINK PROJECT

TENDER DRAWINGS

TITLE -

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

DATE

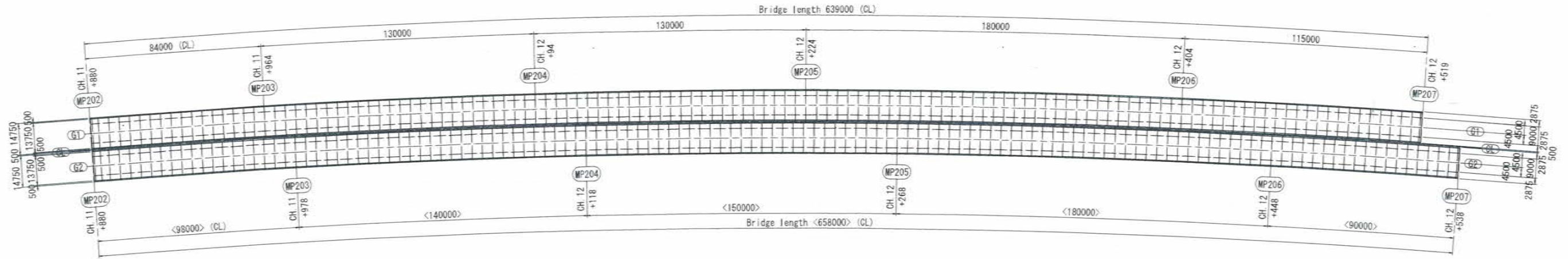
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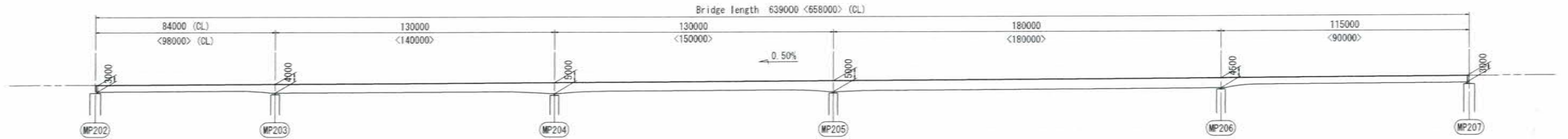
1984



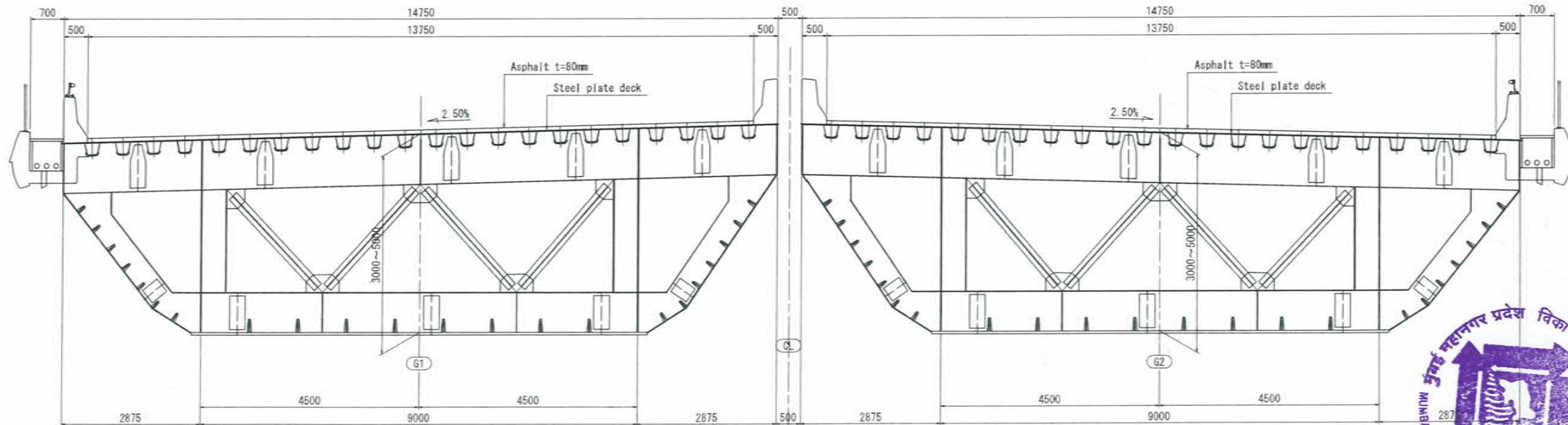
General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP202-MP207)



PLAN S=1:1000



PROFILE S=1:1000



CROSS SECTION S=1:50



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**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE -

General View of Superstructure
of Steel Box Girder Bridge with Steel Slab
(MP202-MP207)

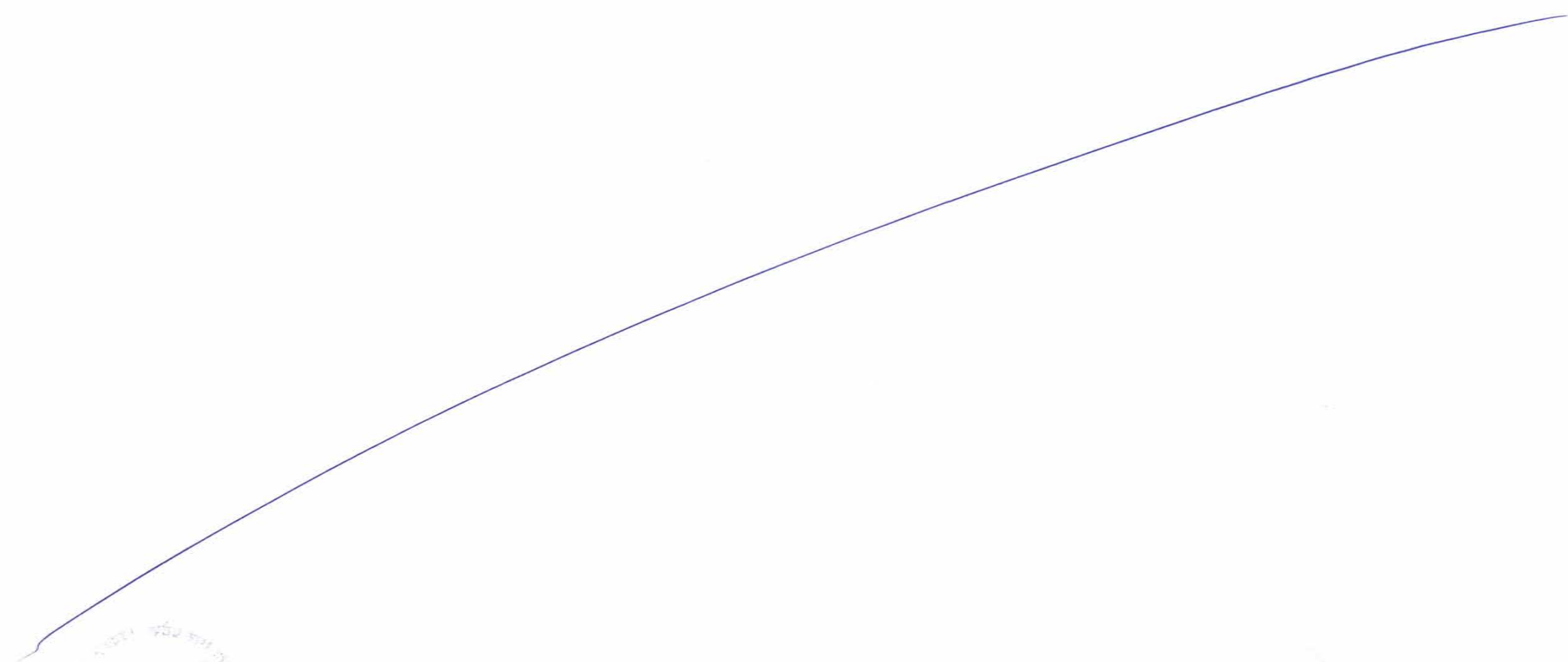
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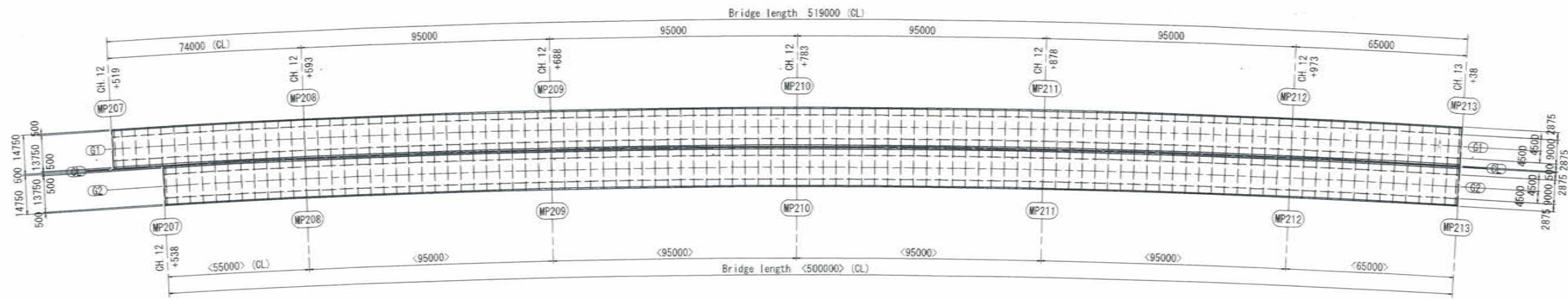
B-057

REV.

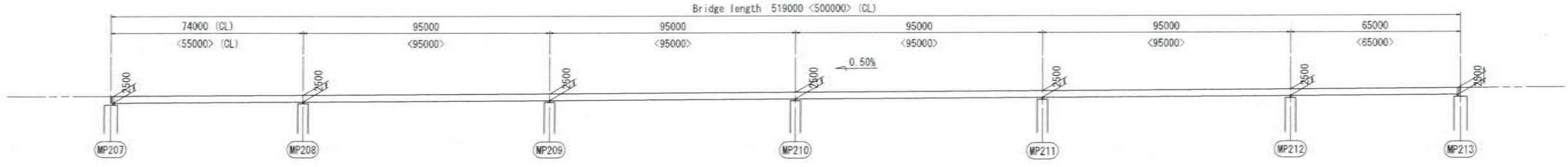
1986



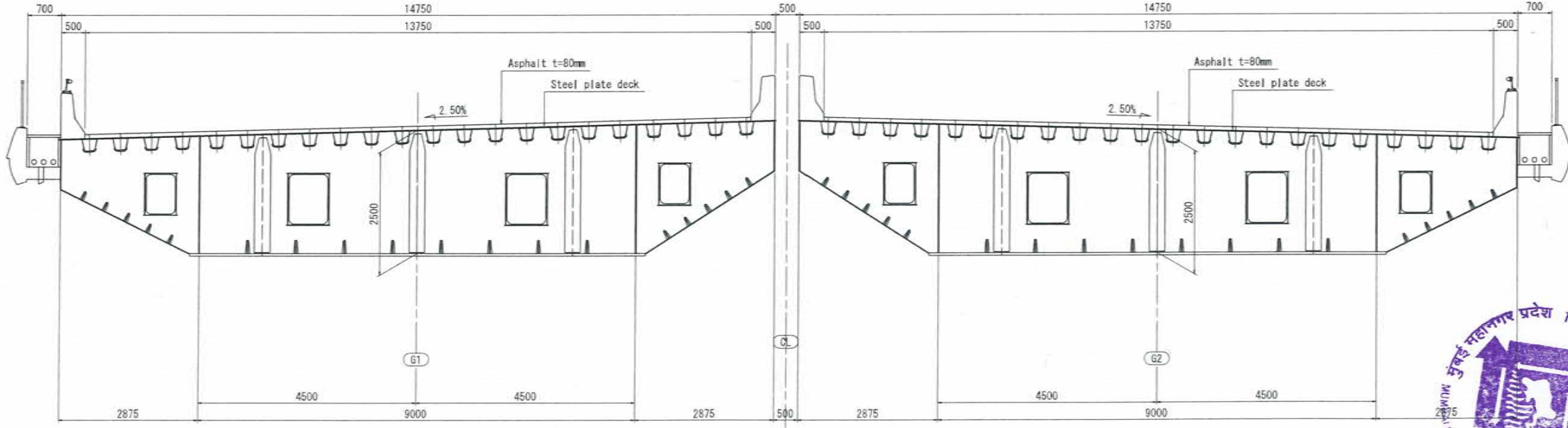
General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP207-MP213)



PLAN S=1:900



PROFILE S=1:900

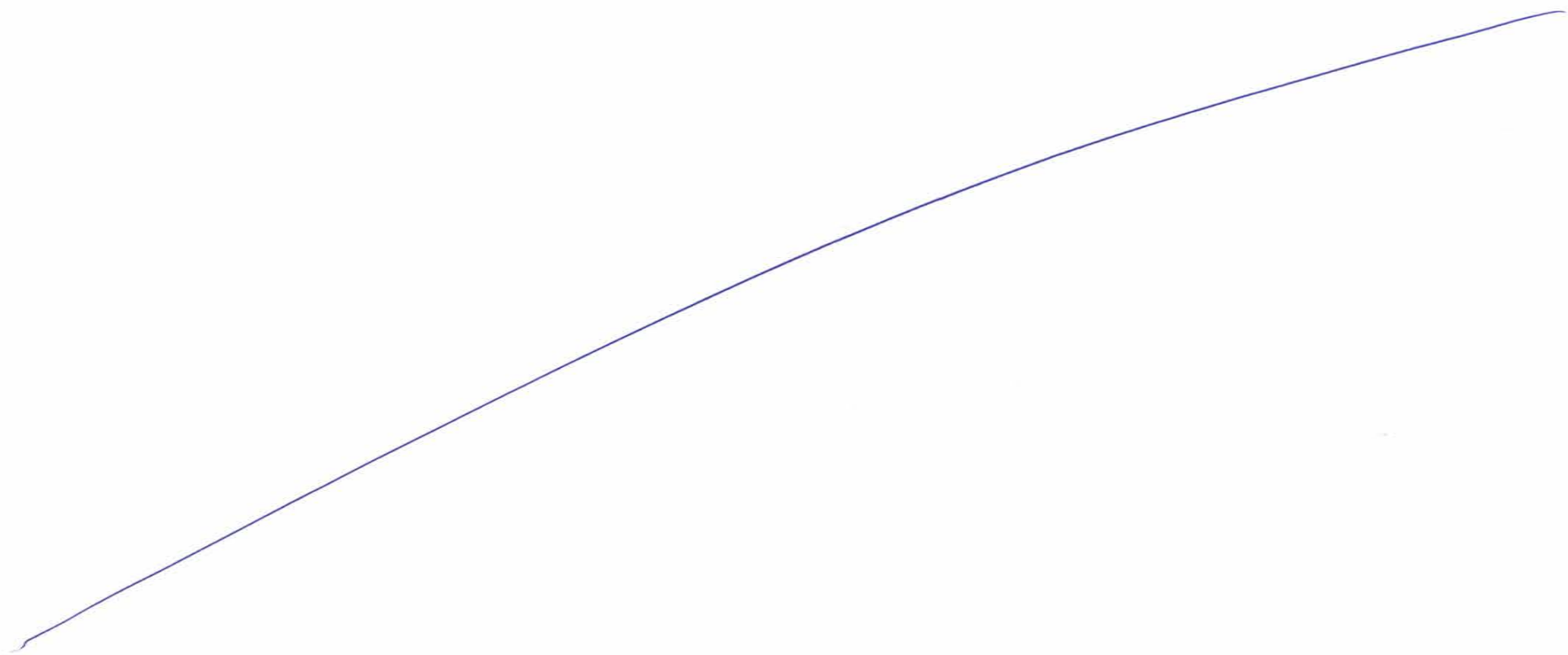


CROSS SECTION S=1:50

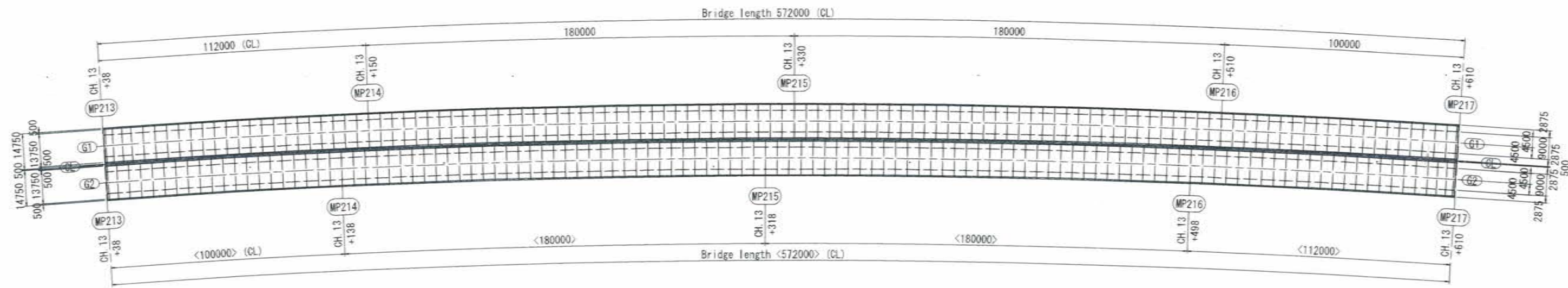


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NAME	SIGN													
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APPROVED BY														

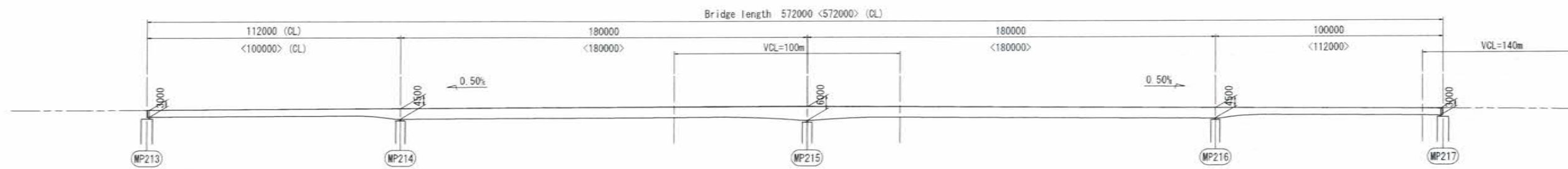
.. 1988



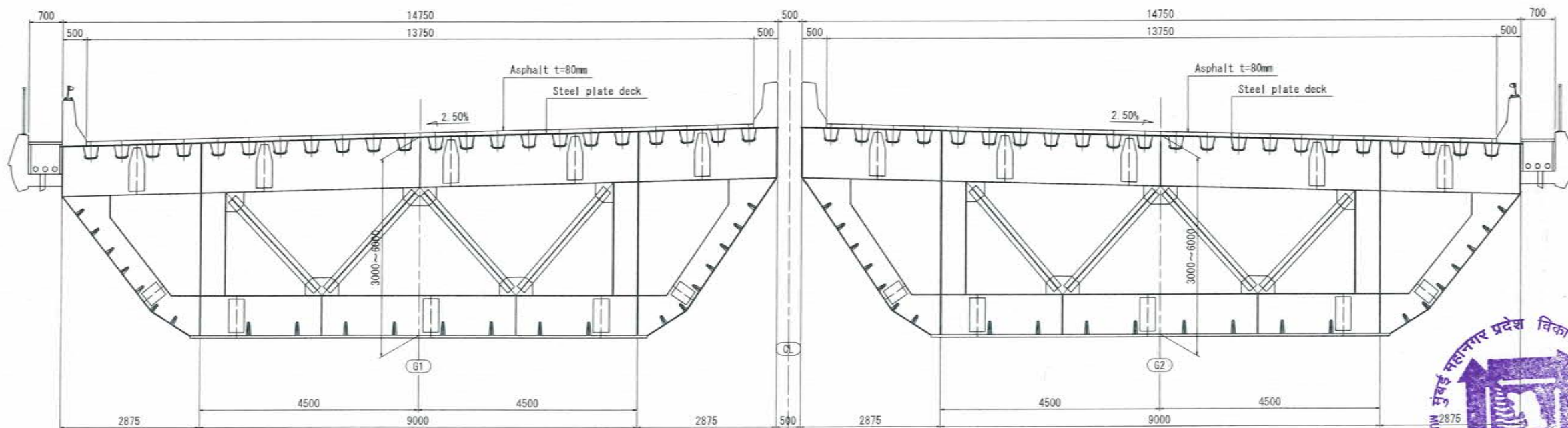
General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP213-MP217)



PLAN S=1:1000



PROFILE S=1:1000



CROSS SECTION S=1:50



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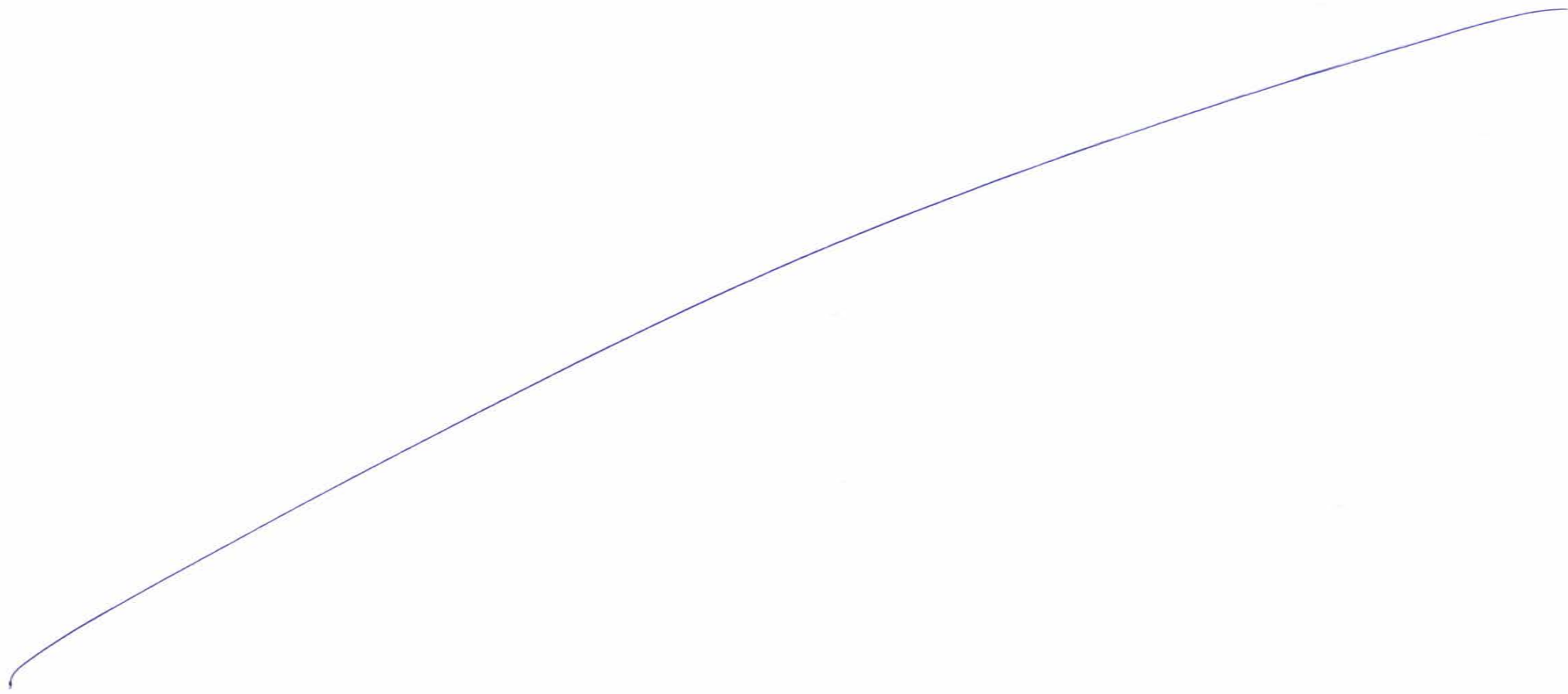
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

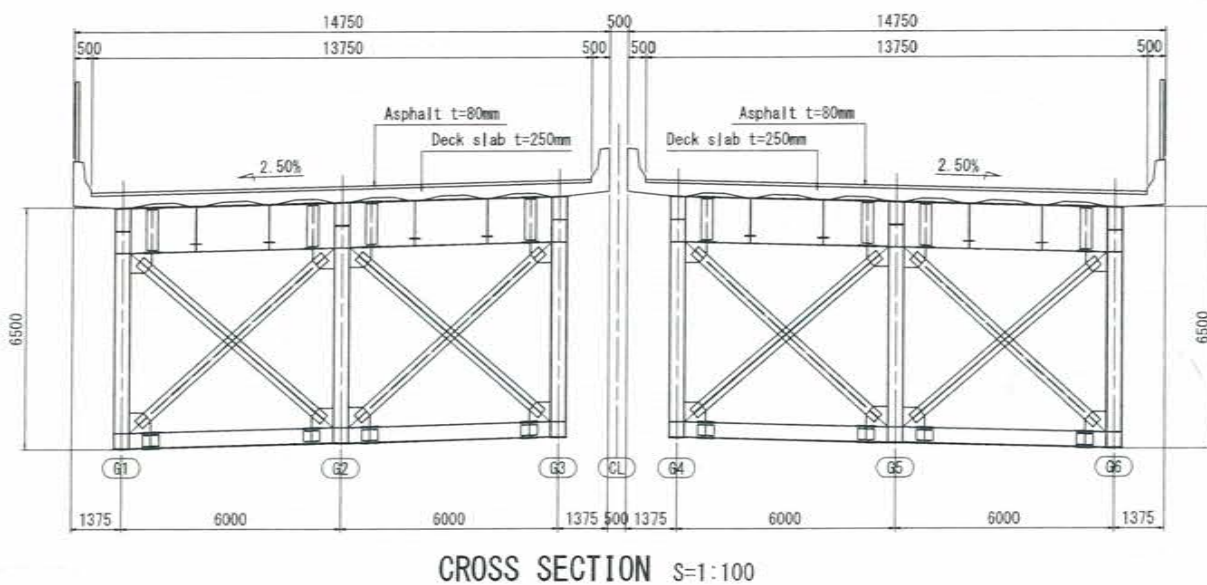
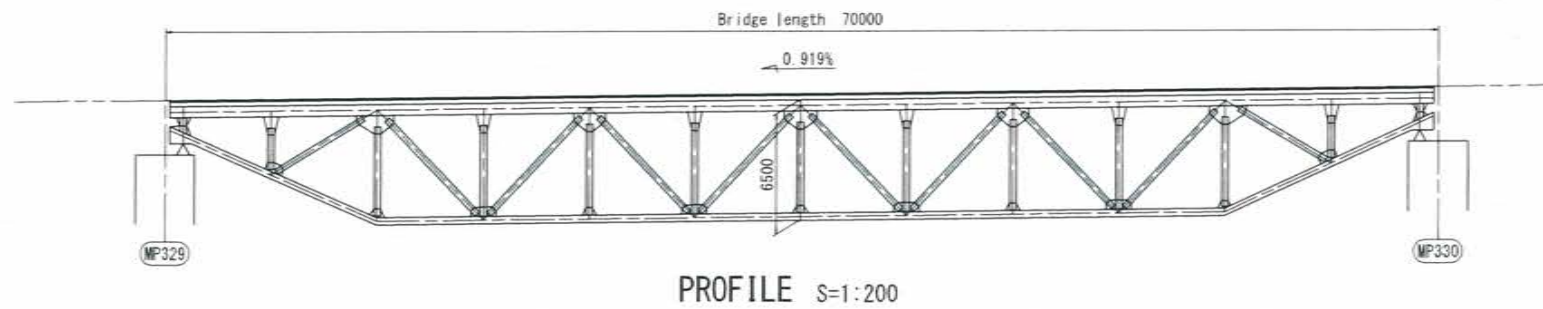
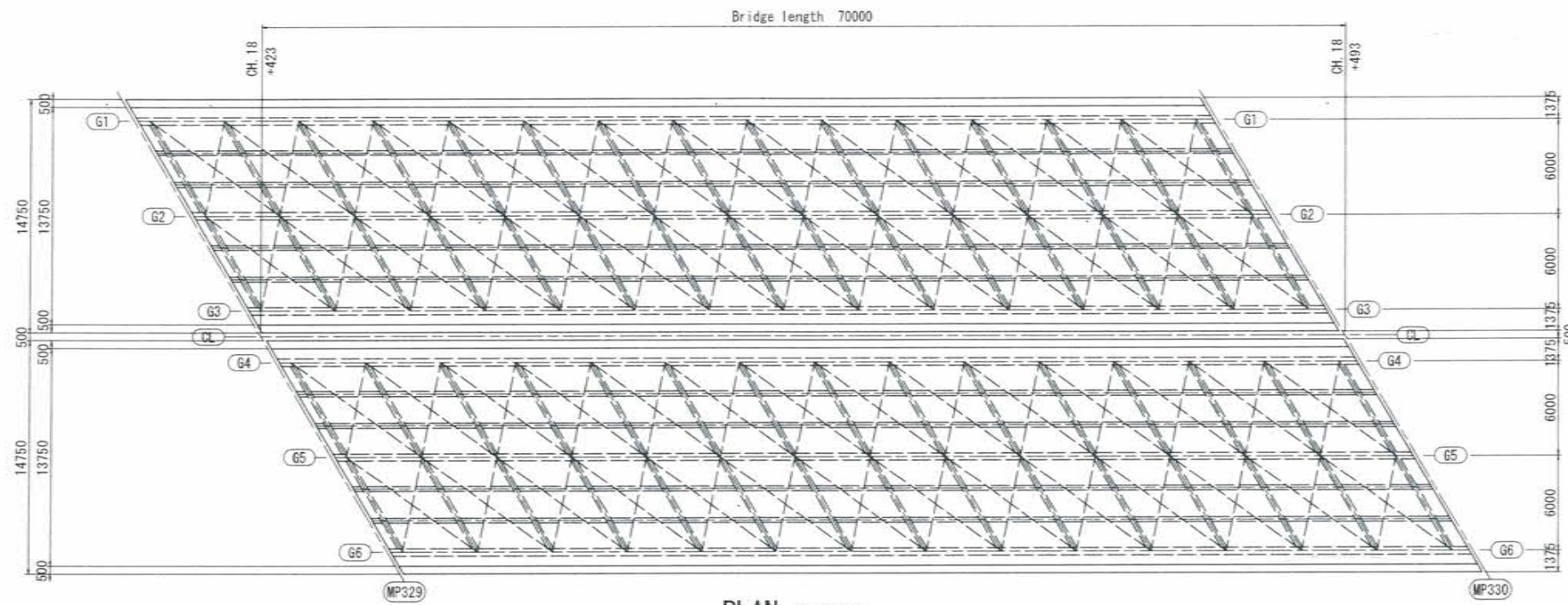
TITLE -		
General View of Superstructure of Steel Box Girder Bridge with Steel Slab (MP213-MP217)		
DATE	DRAWING NO.	REV.
	B-059	

1990



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

1991



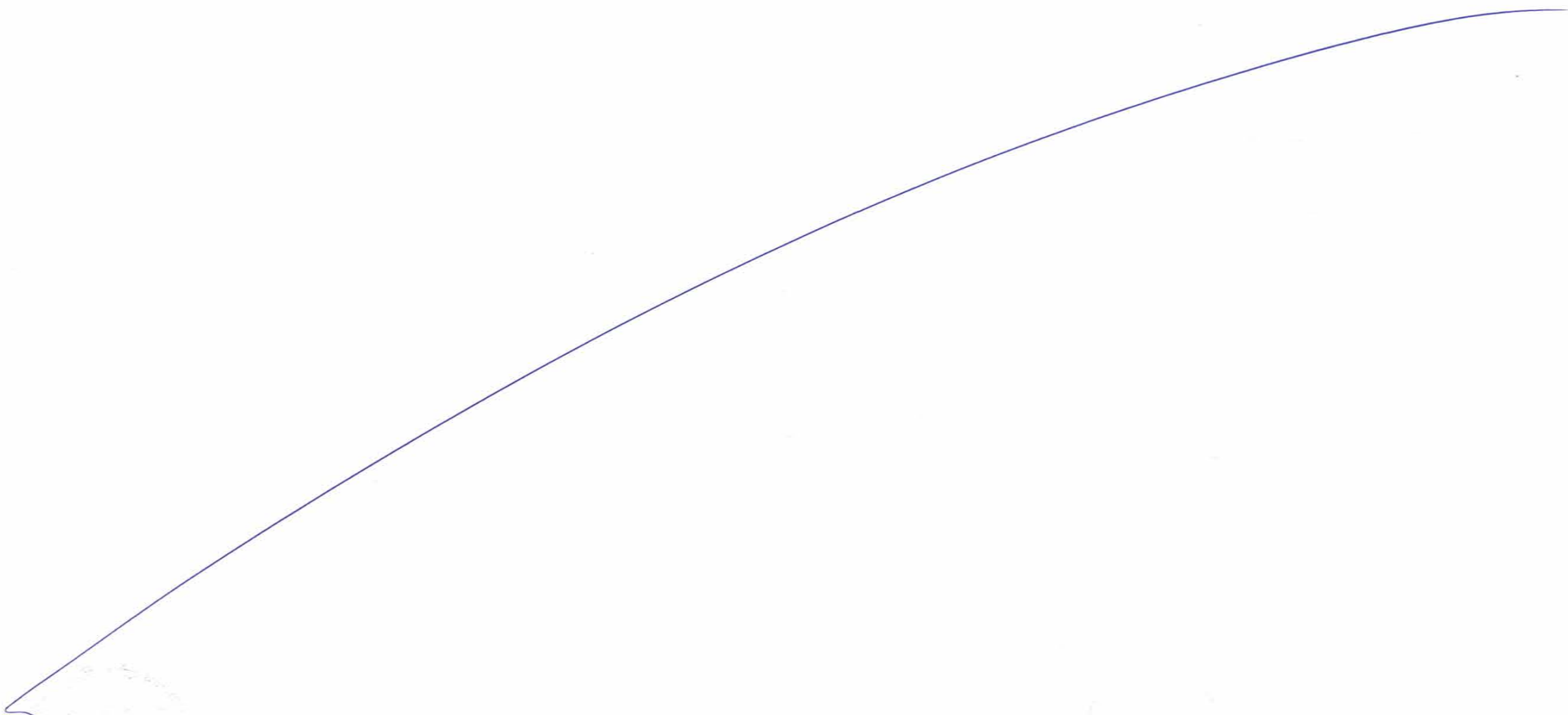
	NAME	SIGN
DRAWN BY		
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APPROVED BY		



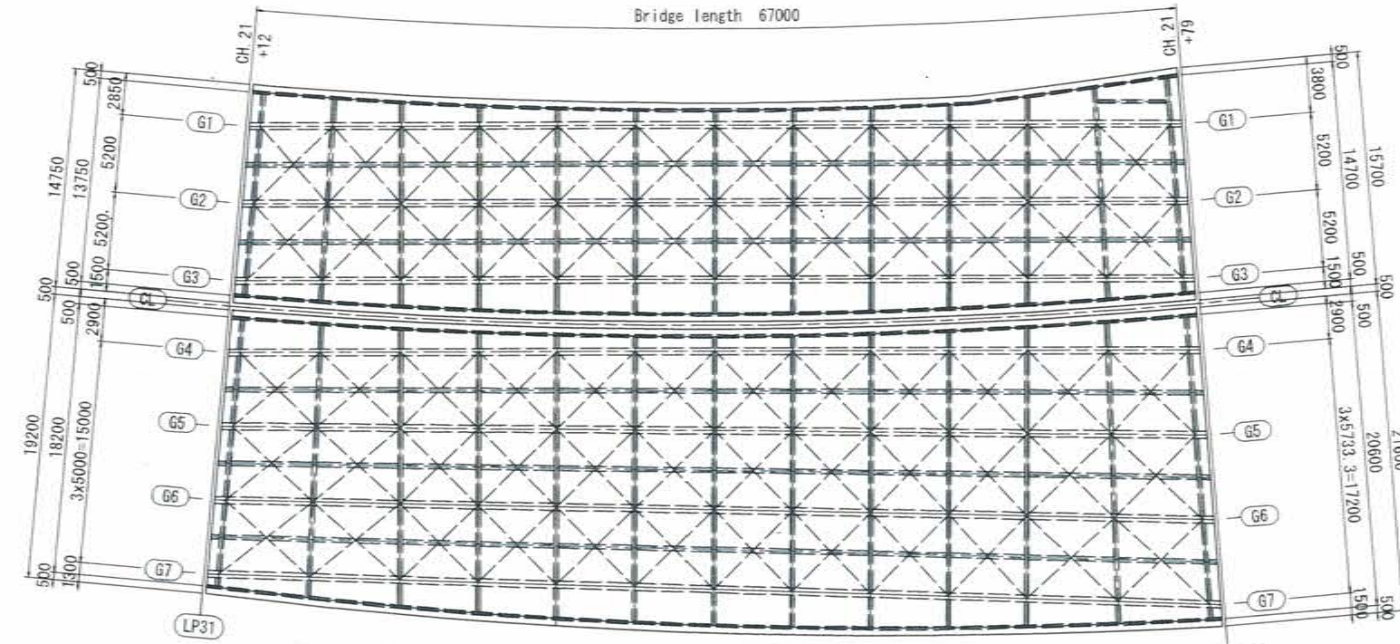
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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

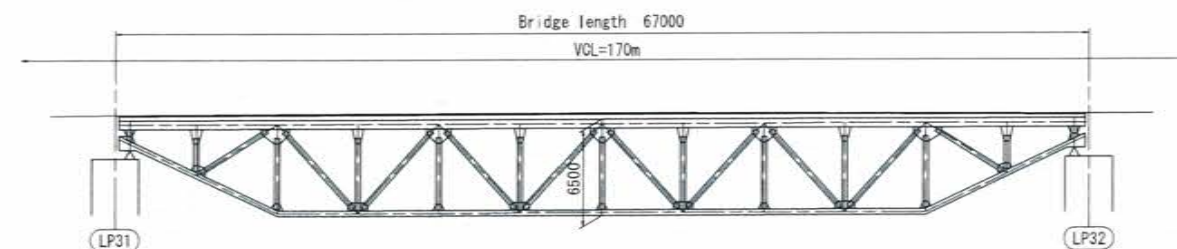
1992



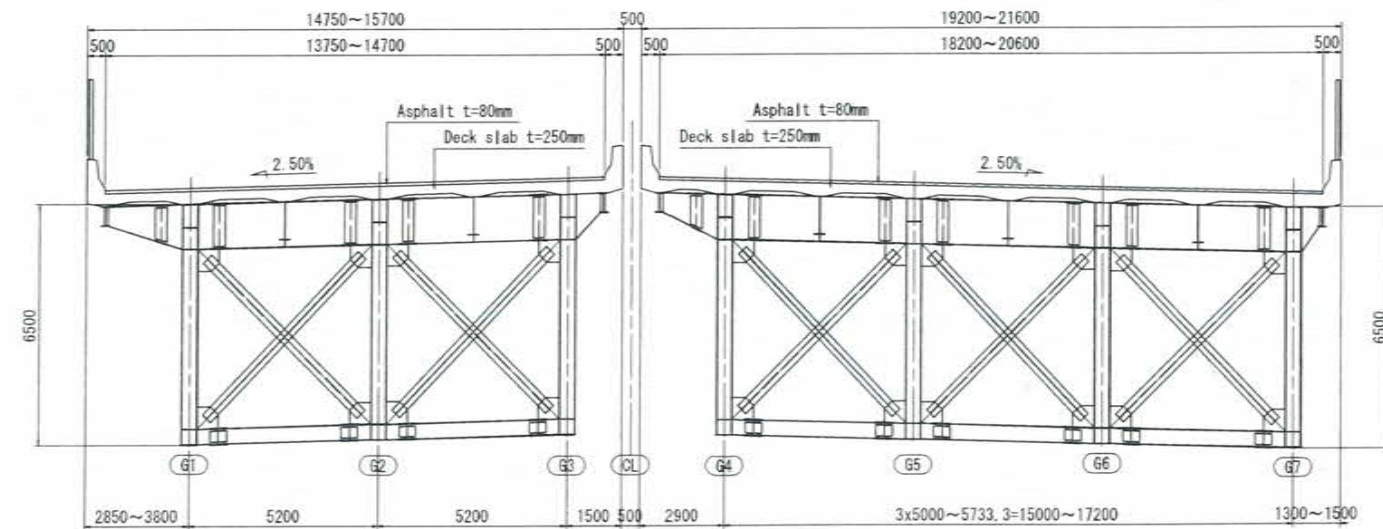
General View of Superstructure of Steel Truss Bridge (LP31-LP32)



PLAN S=1:250



PROFILE S=1:250



CROSS SECTION S=1:100



	NAME	SIGN
DRAWN BY		
CHECKED BY		
APPROVED BY		



MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

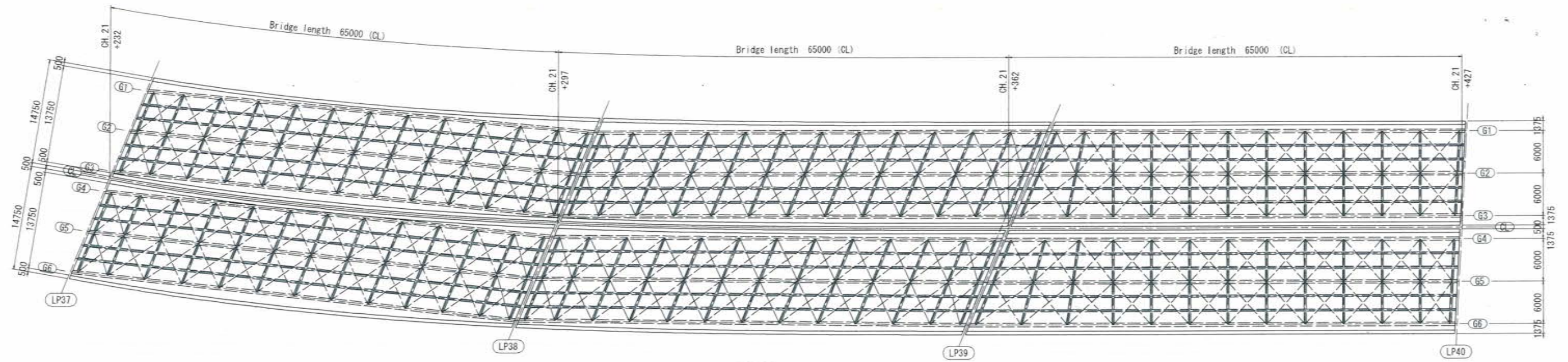
PROJECT -
**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE -		
General View of Superstructure of Steel Truss Bridge (LP31-LP32)		
DATE	DRAWING NO.	REV.
	B-061	

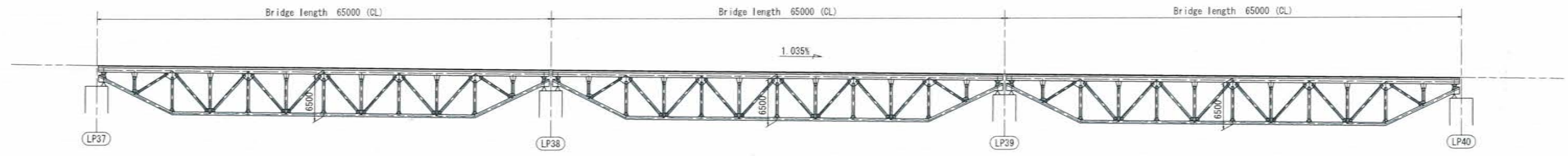
..... 1994



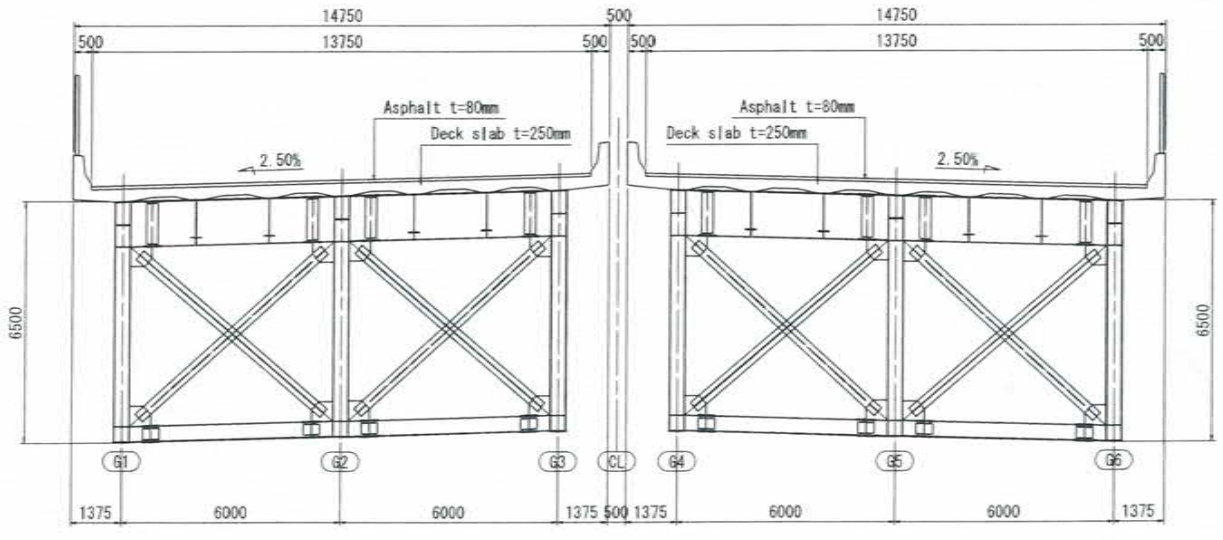
General View of Superstructure of Steel Truss Bridge (LP37-LP40)



PLAN S=1:300



PROFILE S=1:300



CROSS SECTION S=1:100



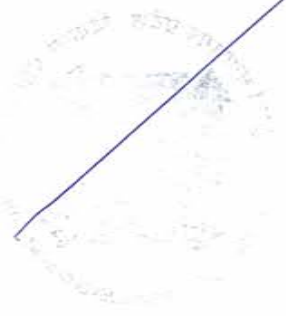
NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



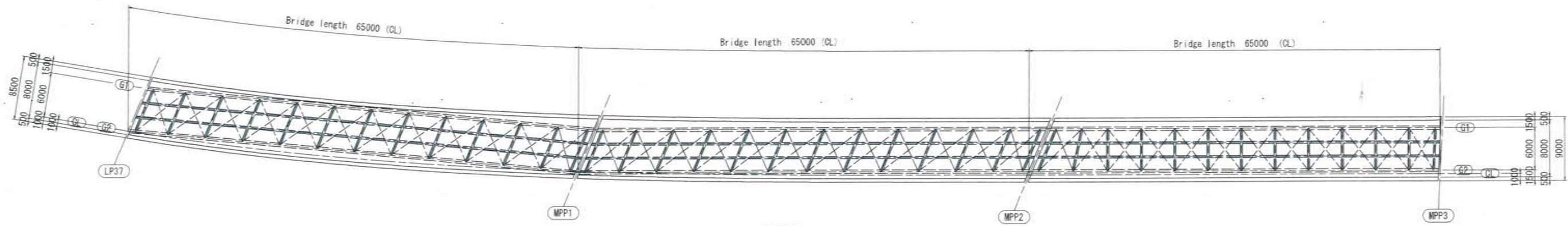
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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

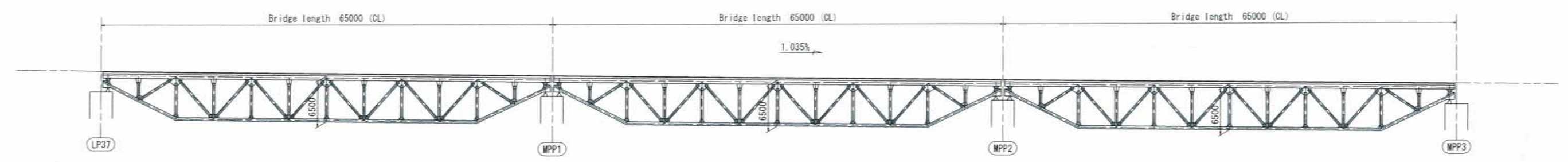
1996



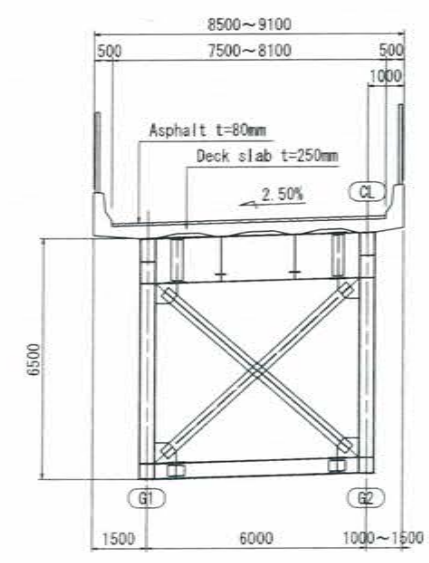
General View of Superstructure of Steel Box Girder Bridge (LP37-MPP3)



PLAN S=1:300



PROFILE S=1:300



CROSS SECTION S=1:100



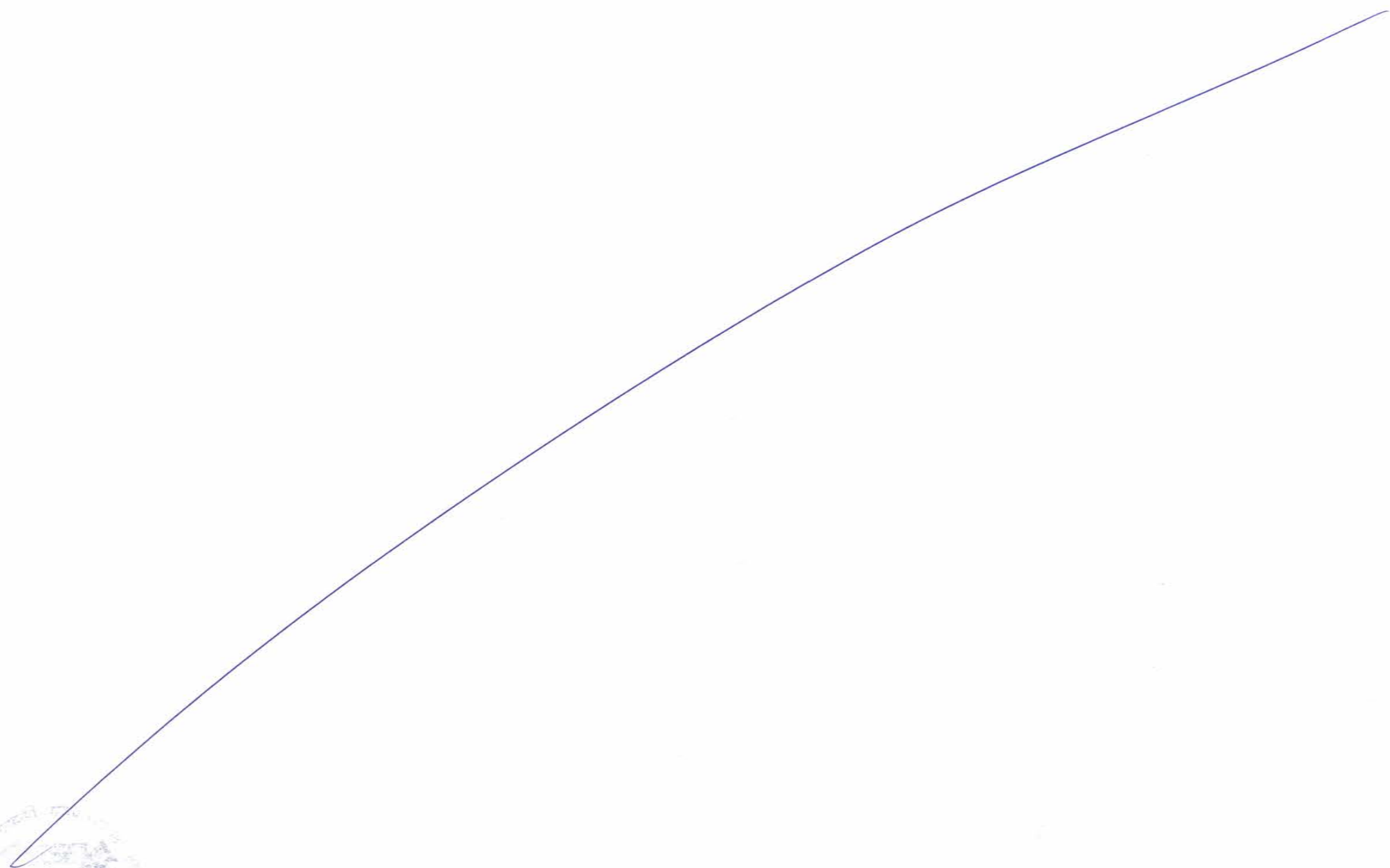
	NAME	SIGN
DRAWN BY		
CHECKED BY		
APPROVED BY		



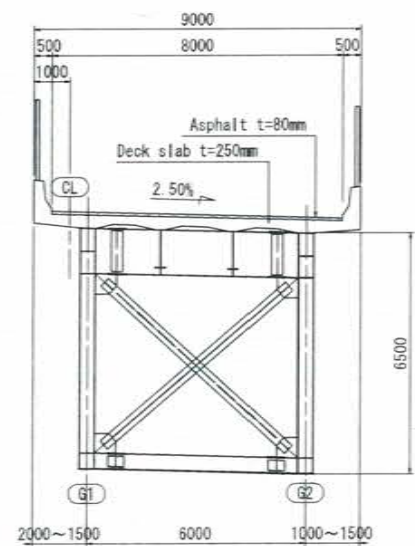
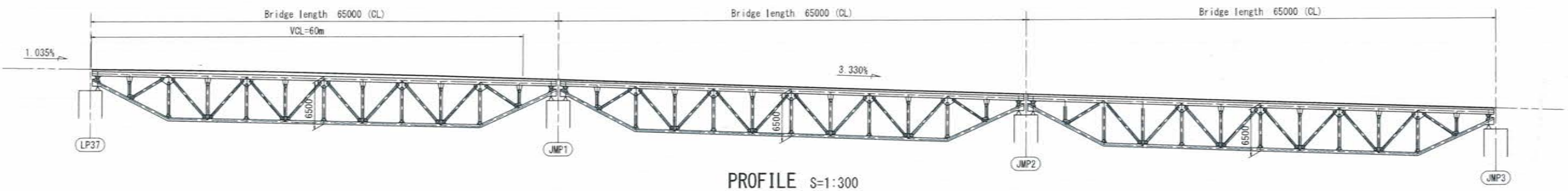
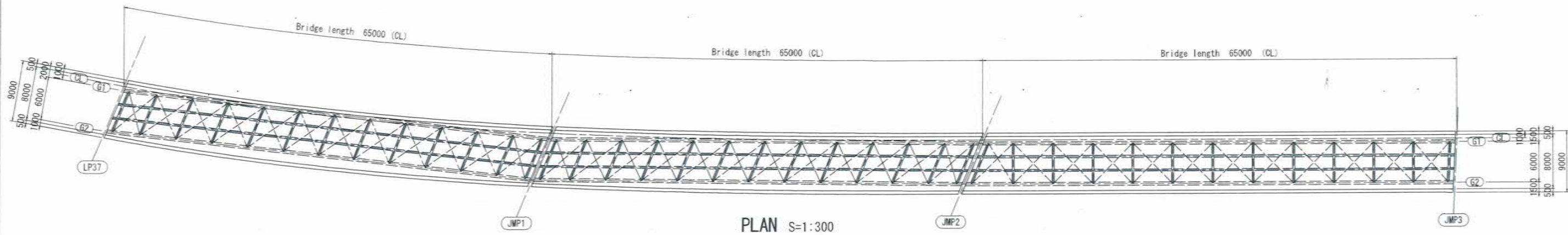
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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

..... 1998



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



CROSS SECTION S=1:100



NAME	SIGN
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APPROVED BY	



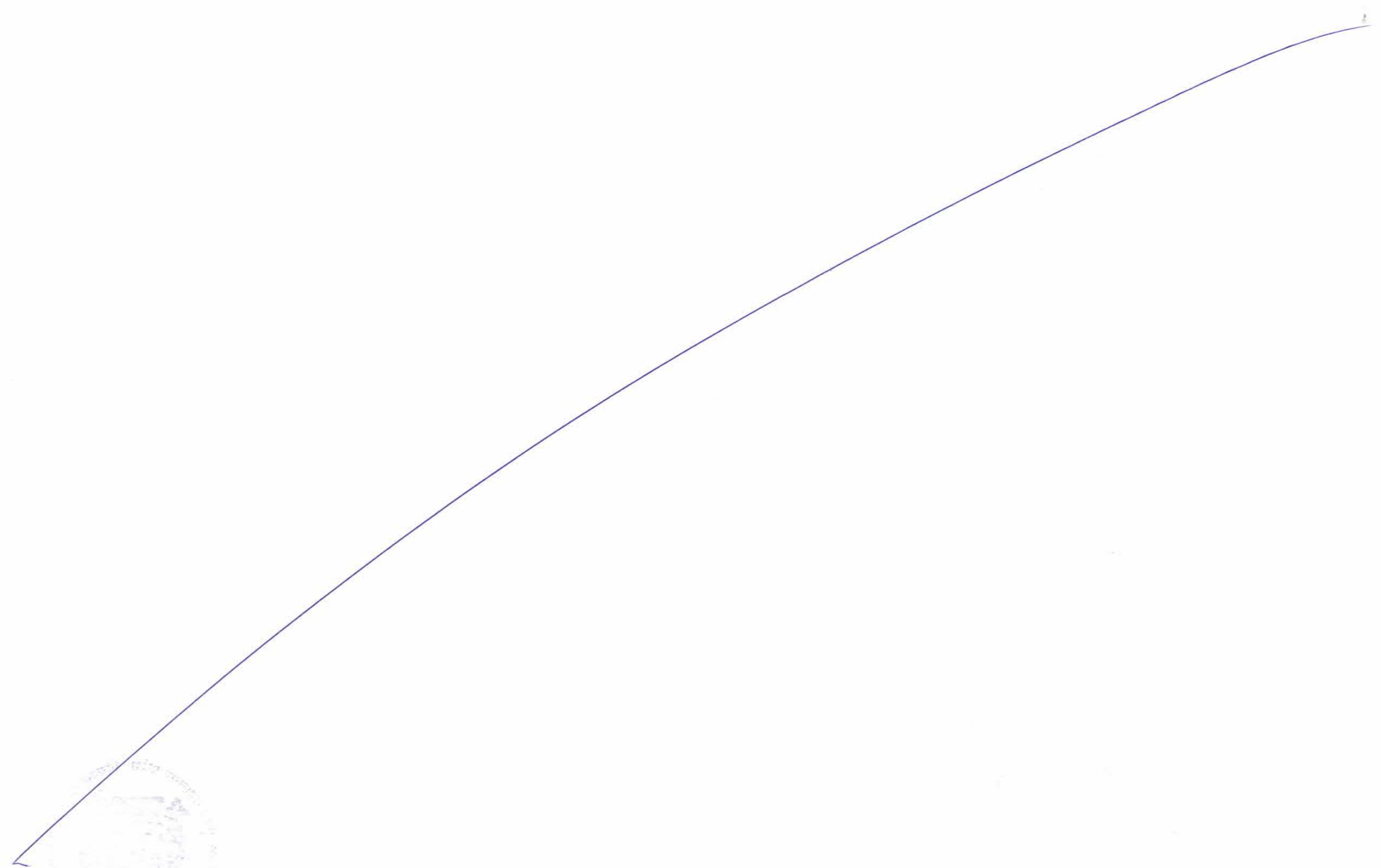
MMRDA
MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

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

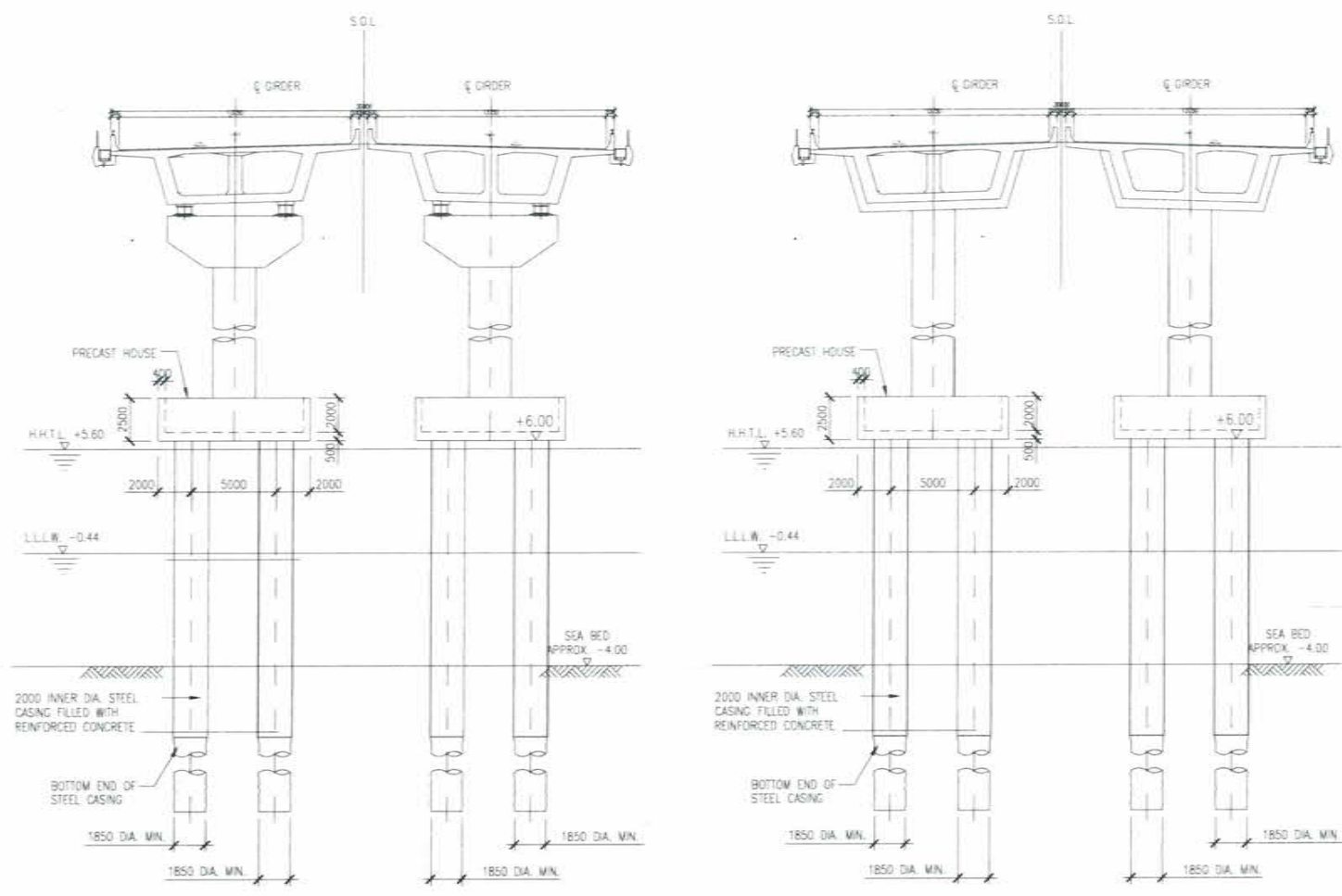
..... 2000



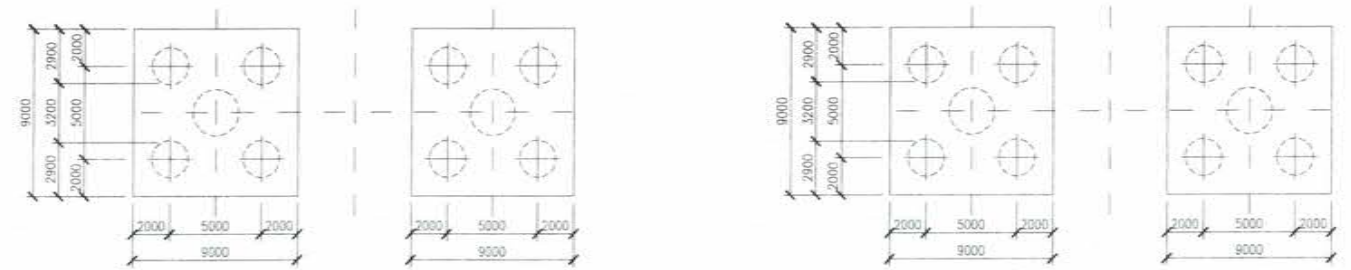
S-005

General View of Substructure at sea (1/4)

2001



TYPICAL CROSS SECTION OF PIER AT SEA



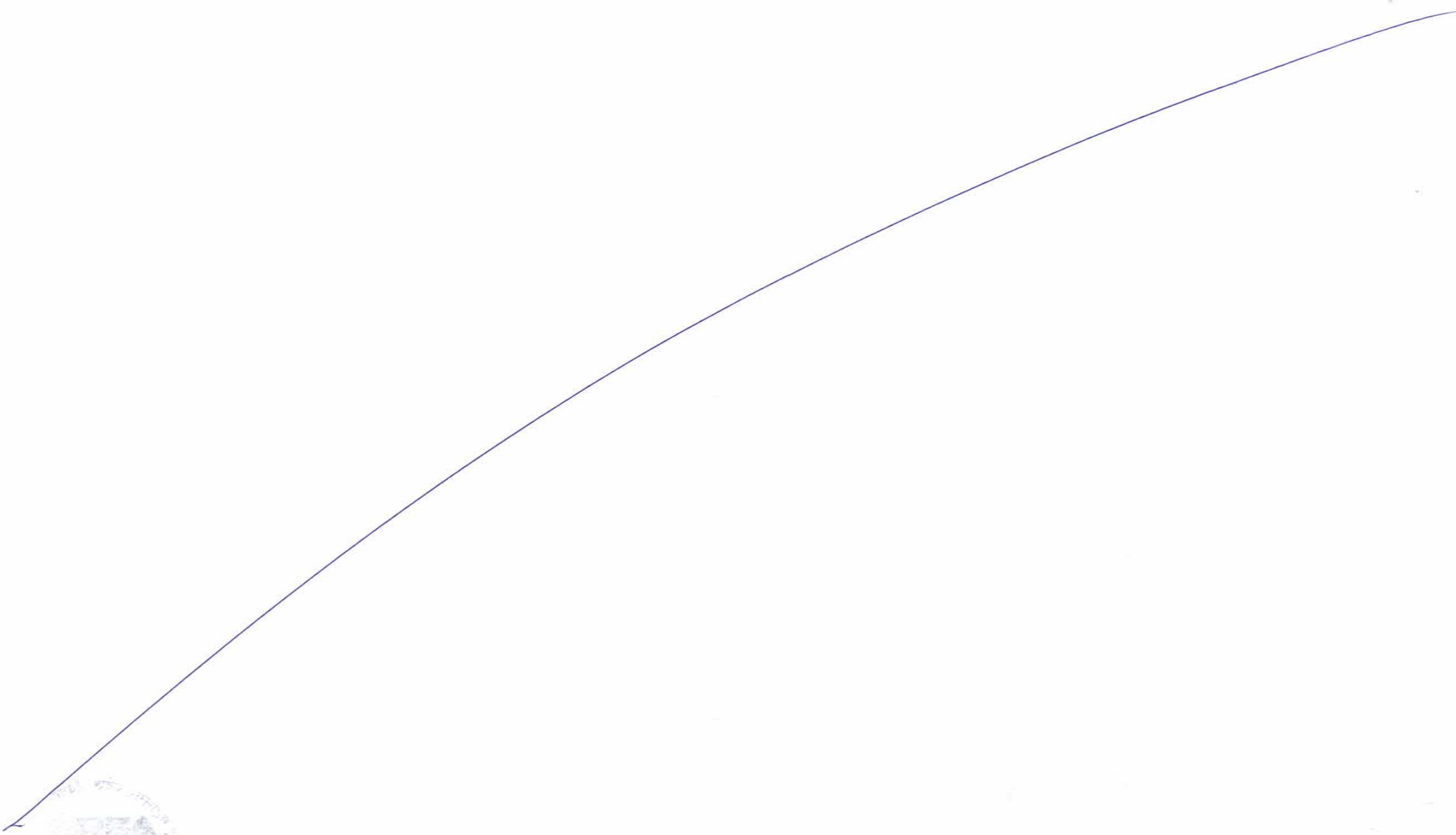
NAME	SIGN
DRAWN BY	
CHECKED BY	
APPROVED BY	



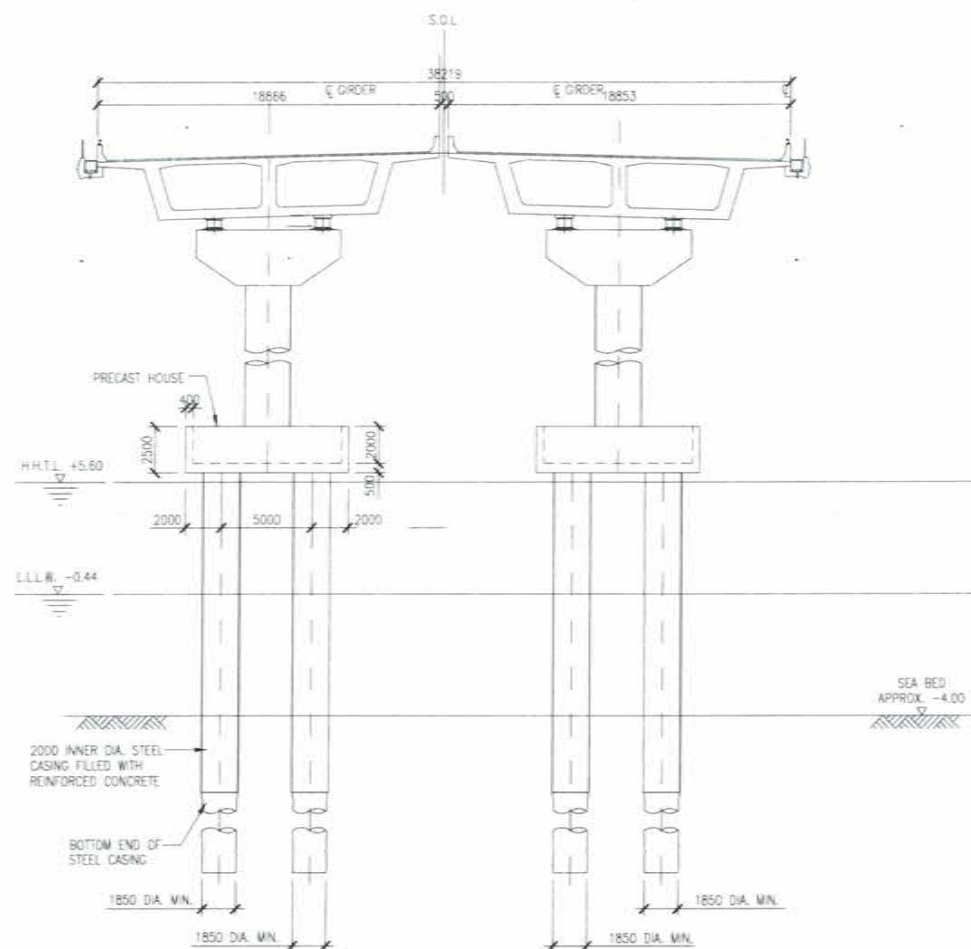
PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

TITLE - General View of Substructure at sea (1/4)		
DATE	DRAWING NO. B-065	REV.

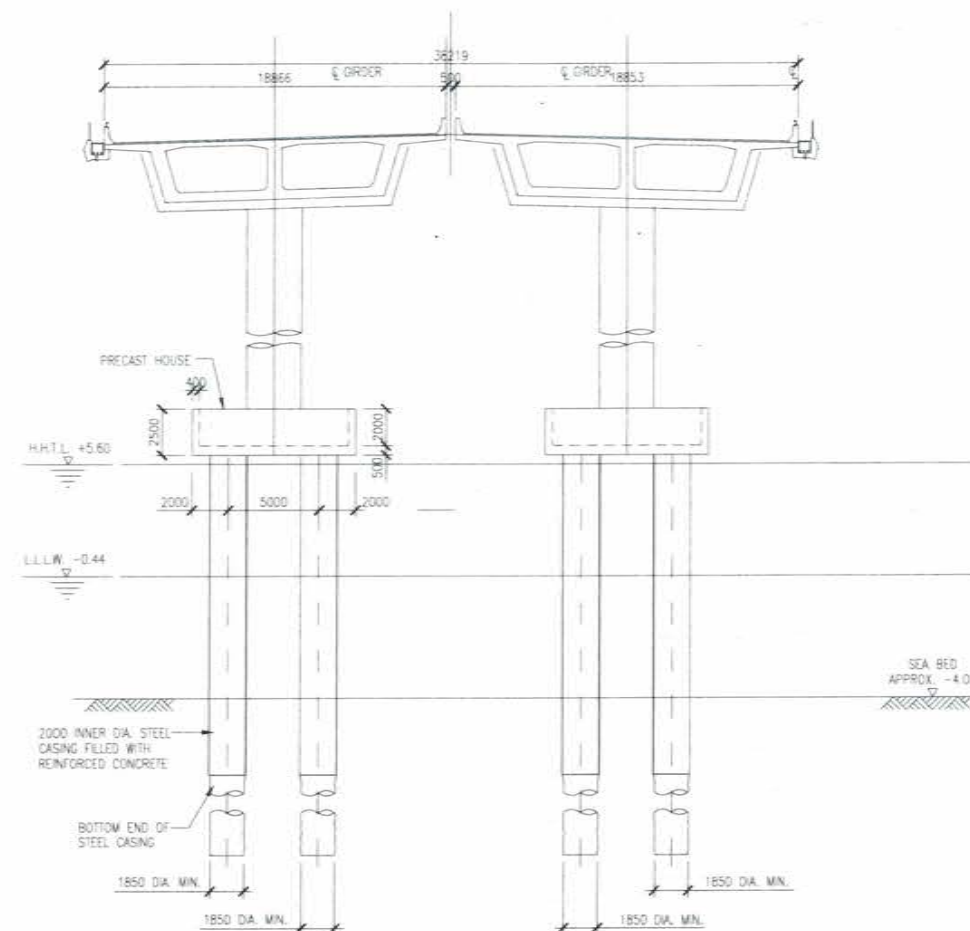
..... 2002



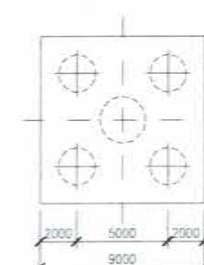
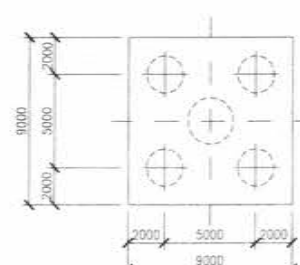
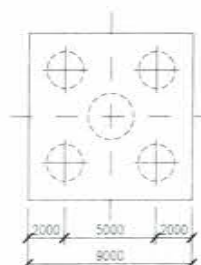
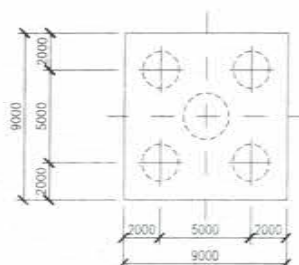
General View of Substructure at sea (2/4)



CROSS SECTION AT MP PIER 8



CROSS SECTION AT MP PIER 9



NAME	SIGN
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PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE -

General View of Substructure at sea (2/4)

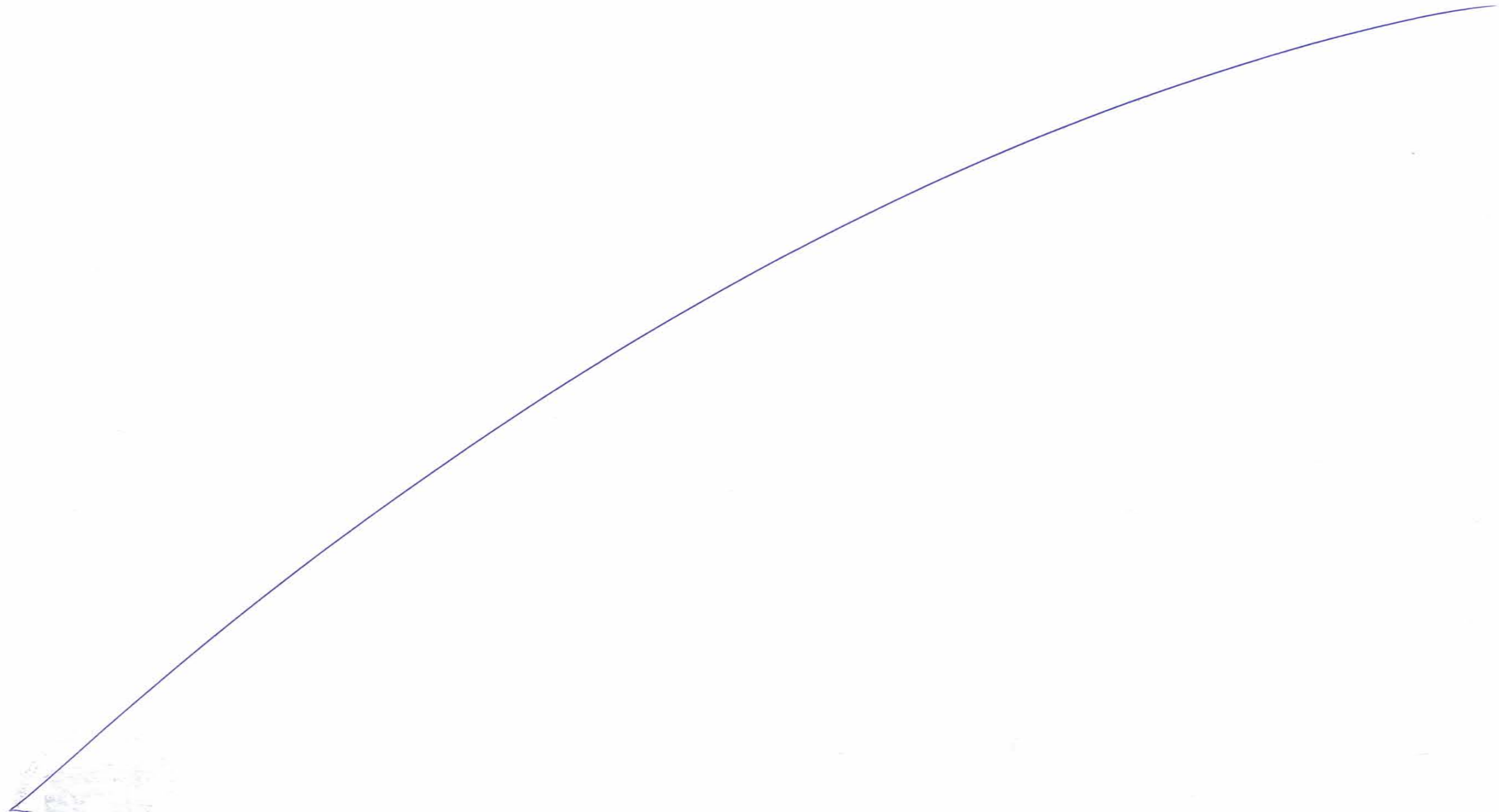
DATE

DRAWING NO.

B-066

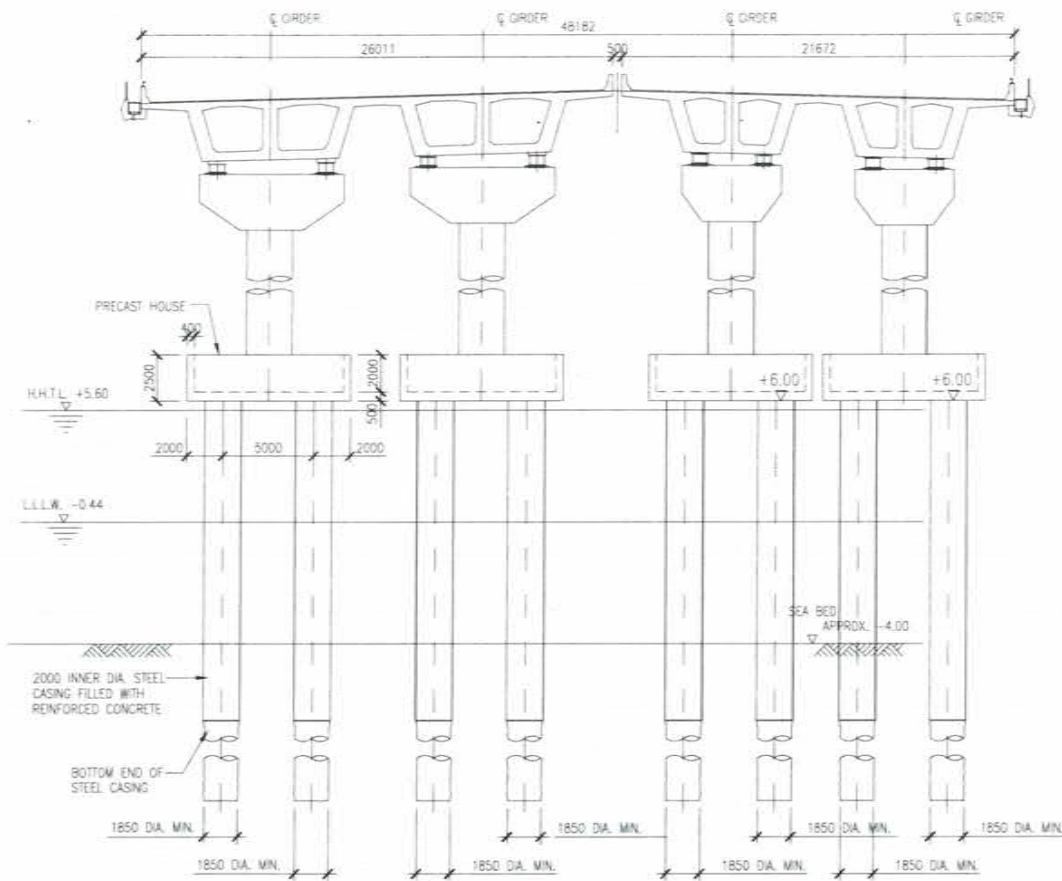
REV.

2004

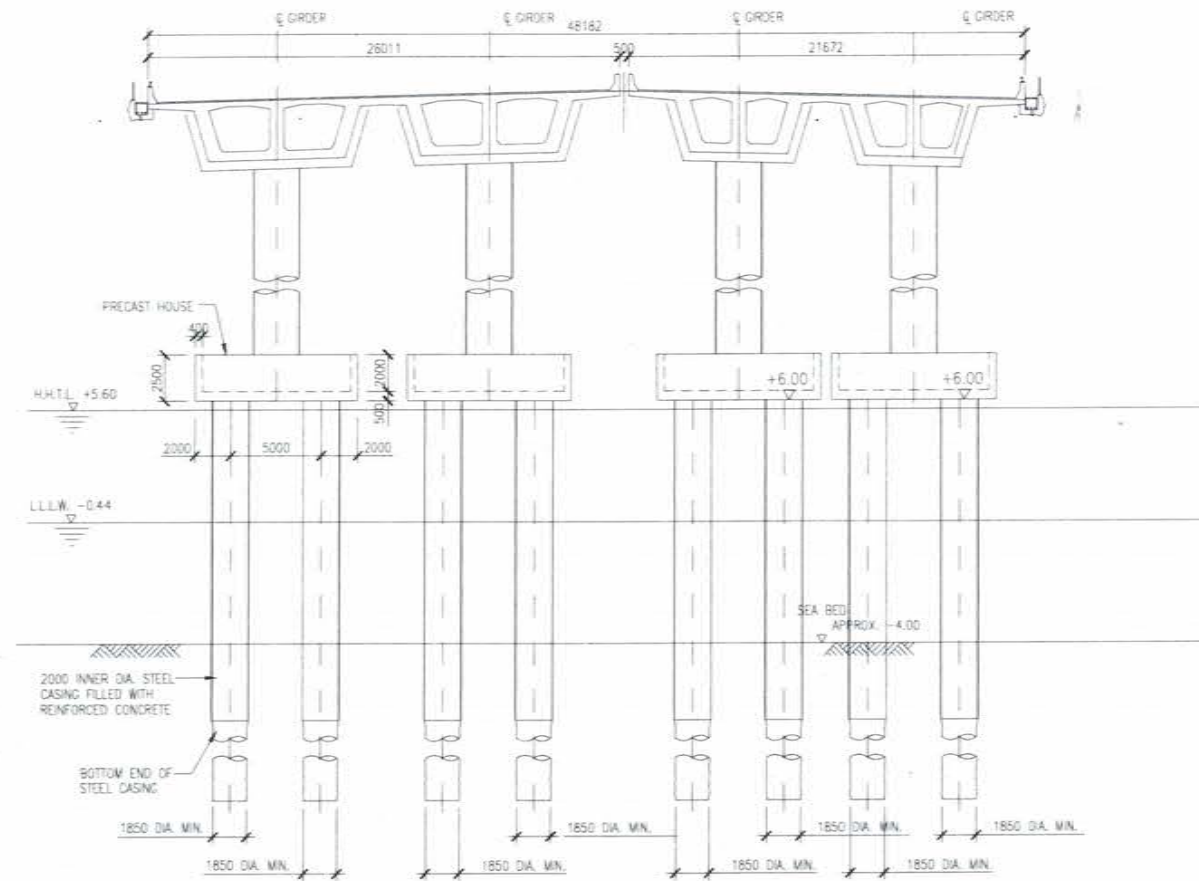


General View of Substructure at sea (3/4)

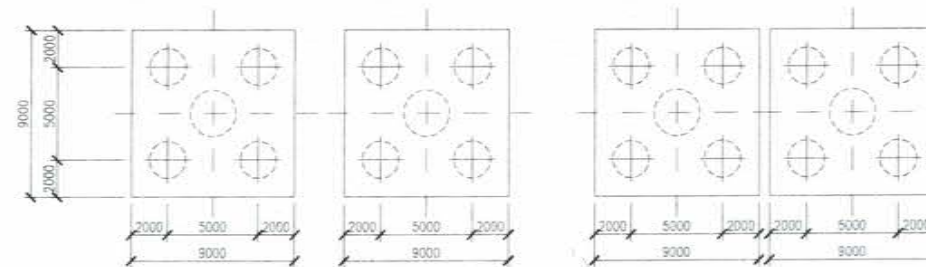
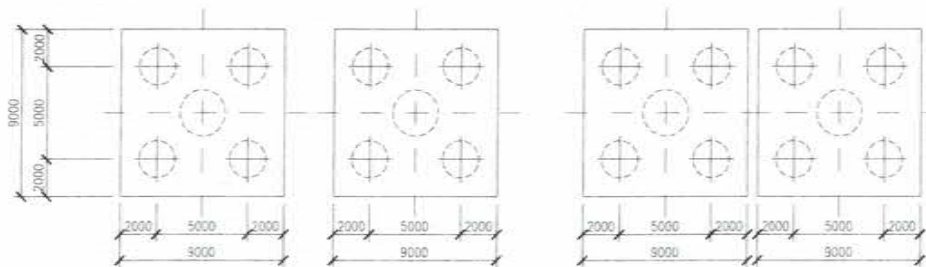
2005



CROSS SECTION AT MP PIER 6



CROSS SECTION AT MP PIER 7



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DEVELOPMENT AUTHORITY

PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE -

General View of Substructure at sea (3/4)

DATE

DRAWING NO.

B-067

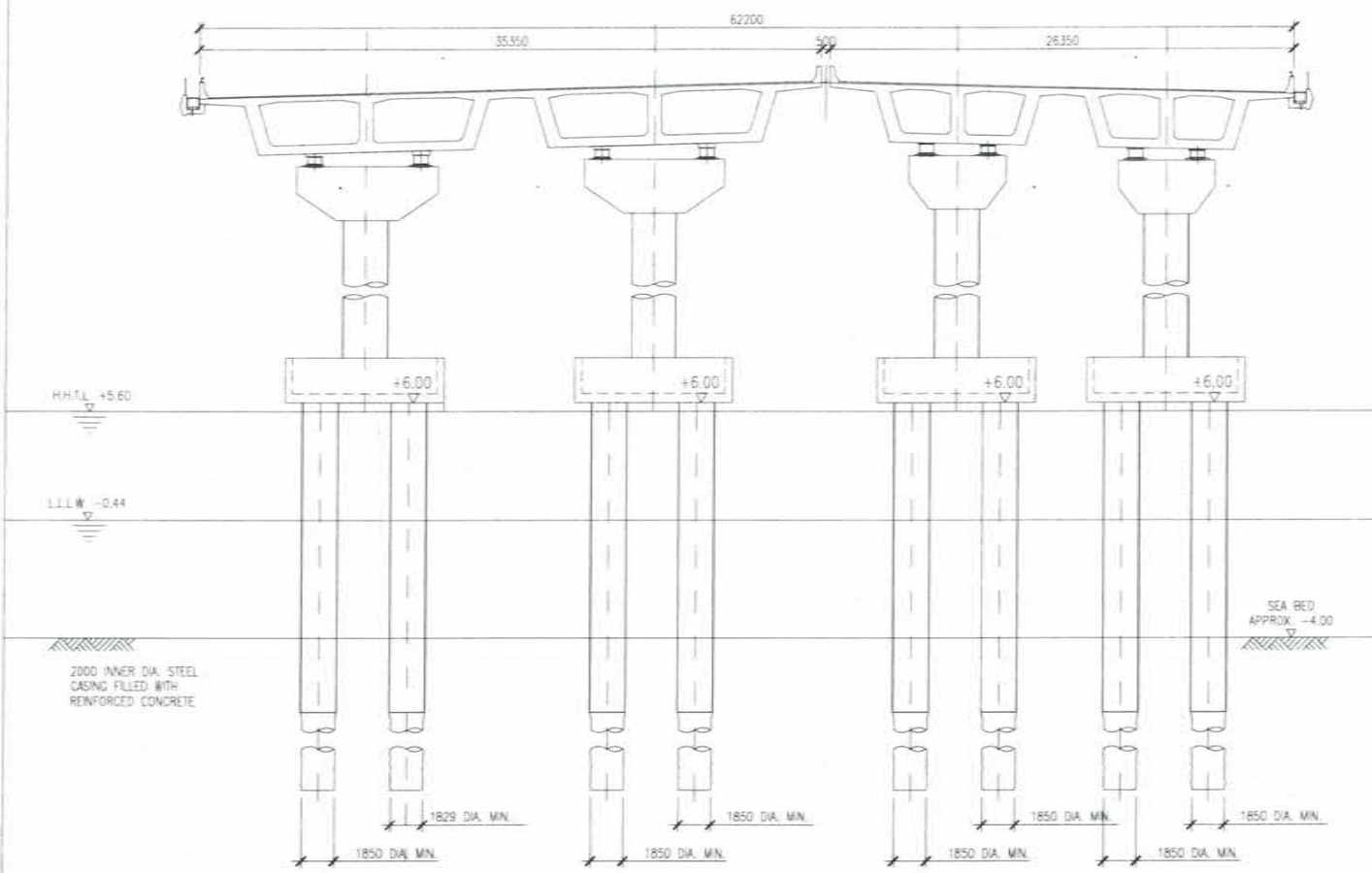
REV.

2006

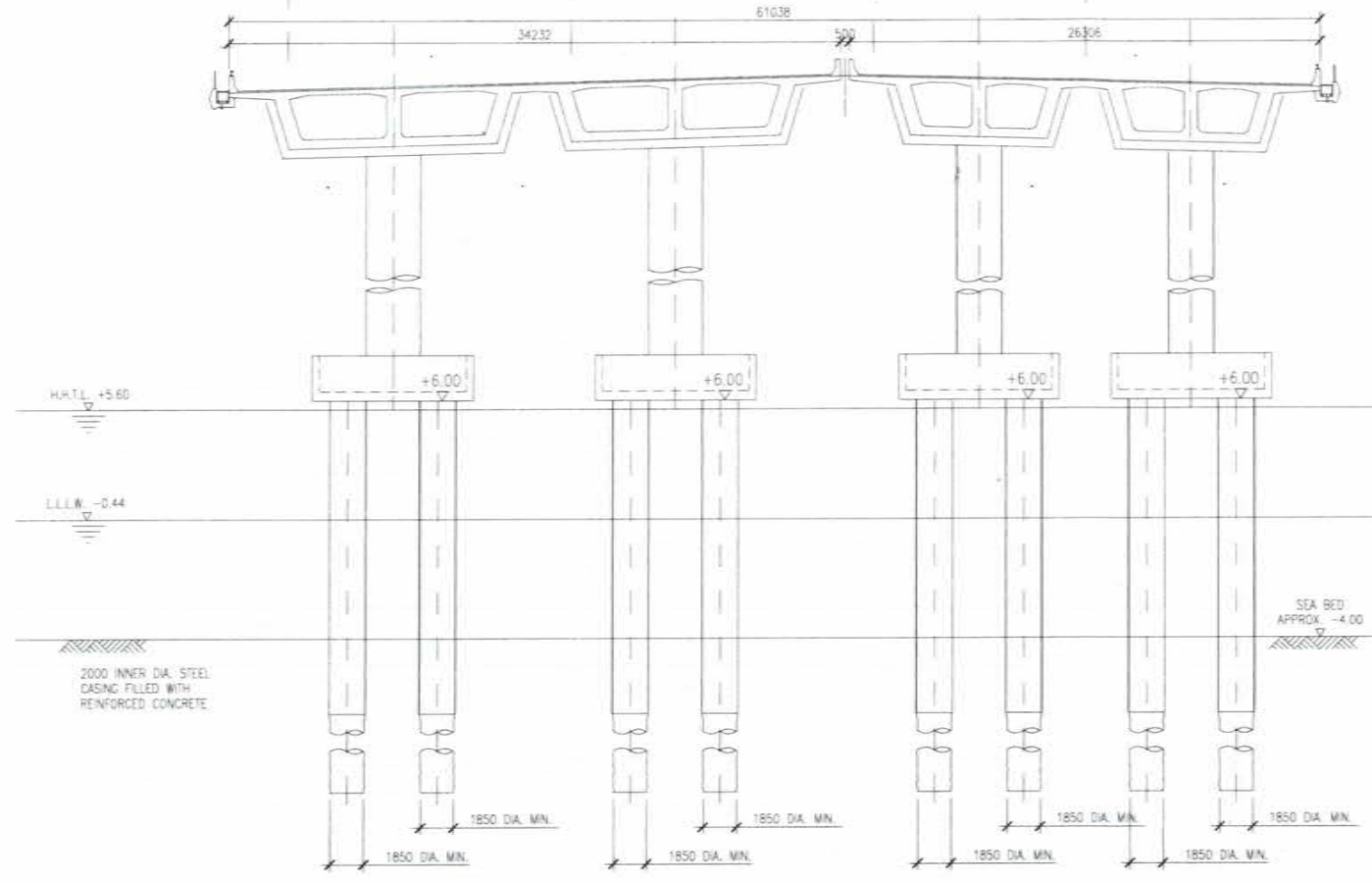


General View of Substructure at sea (4/4)

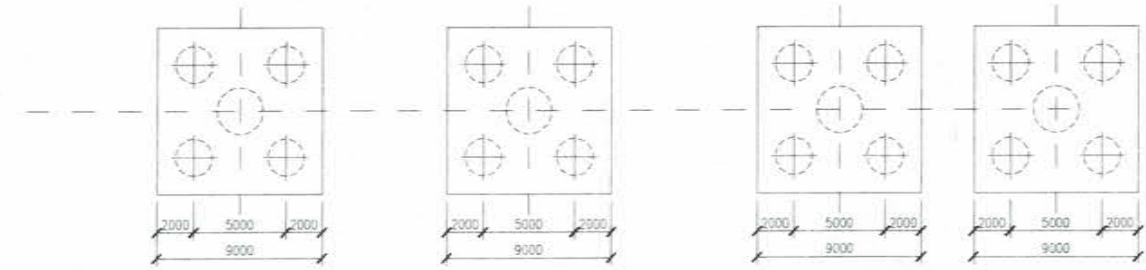
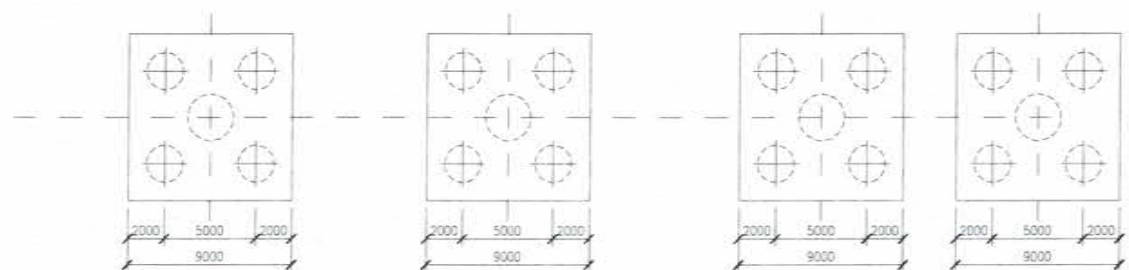
2007



CROSS SECTION AT MP PIER 3



CROSS SECTION AT MP PIER 2·4·5



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DEVELOPMENT AUTHORITY

PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE -

General View of Substructure at sea (4/4)

DATE

DRAWING NO.

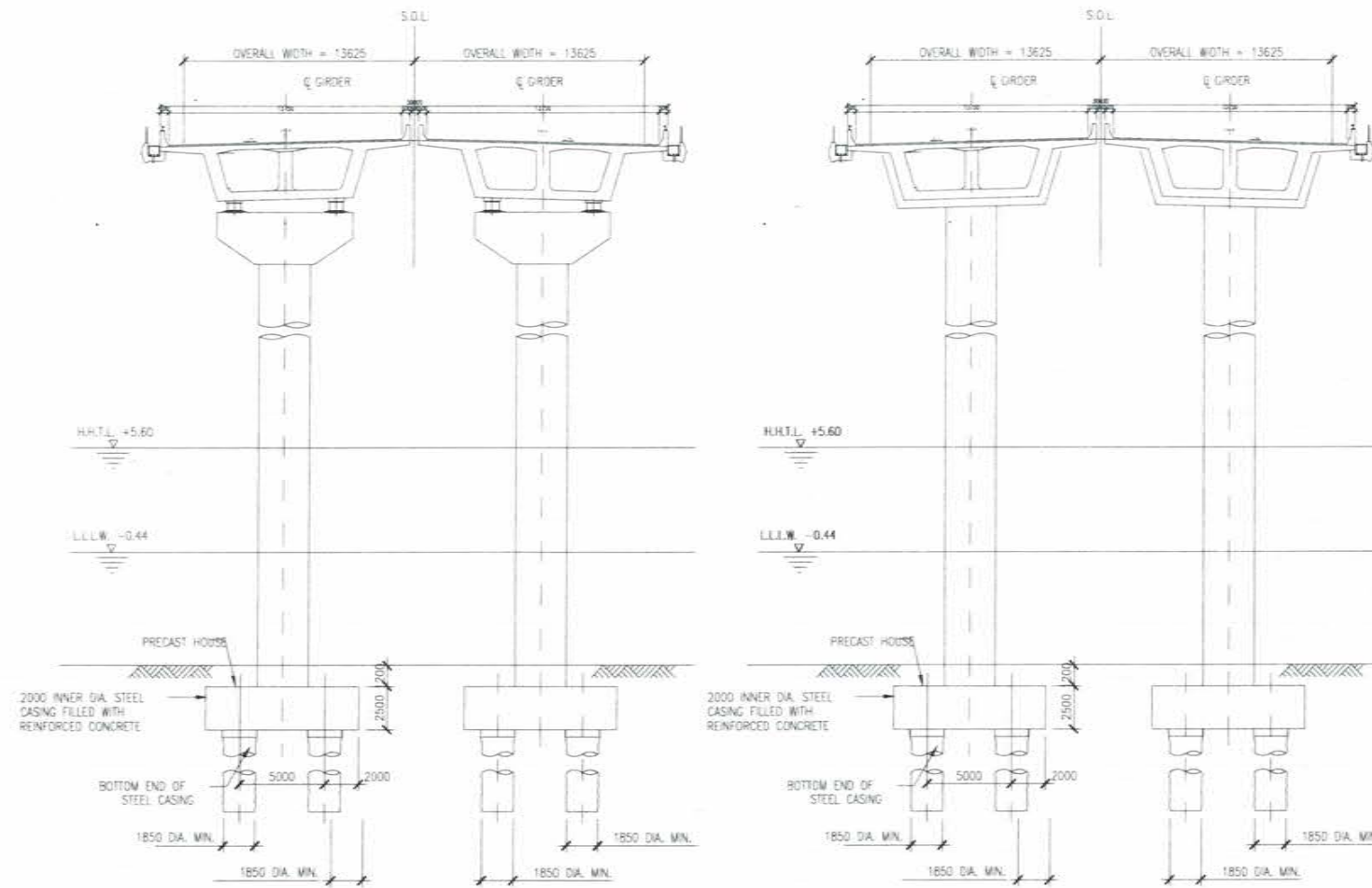
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REV.

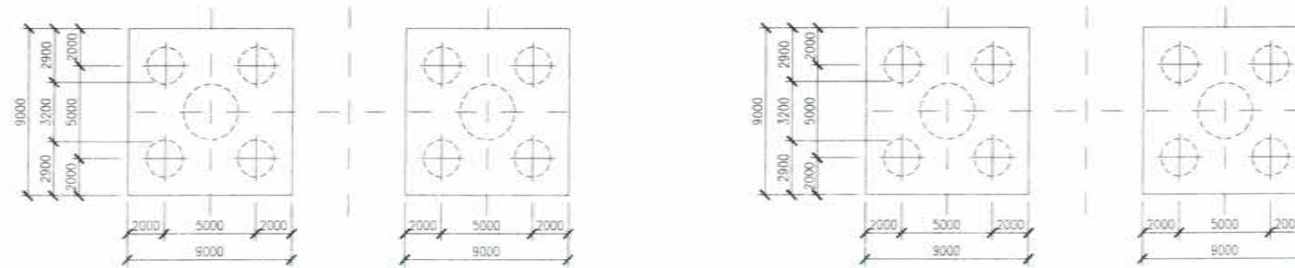
2008



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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PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE -

General View of Substructure at Land (1/2)

DATE

DRAWING NO.

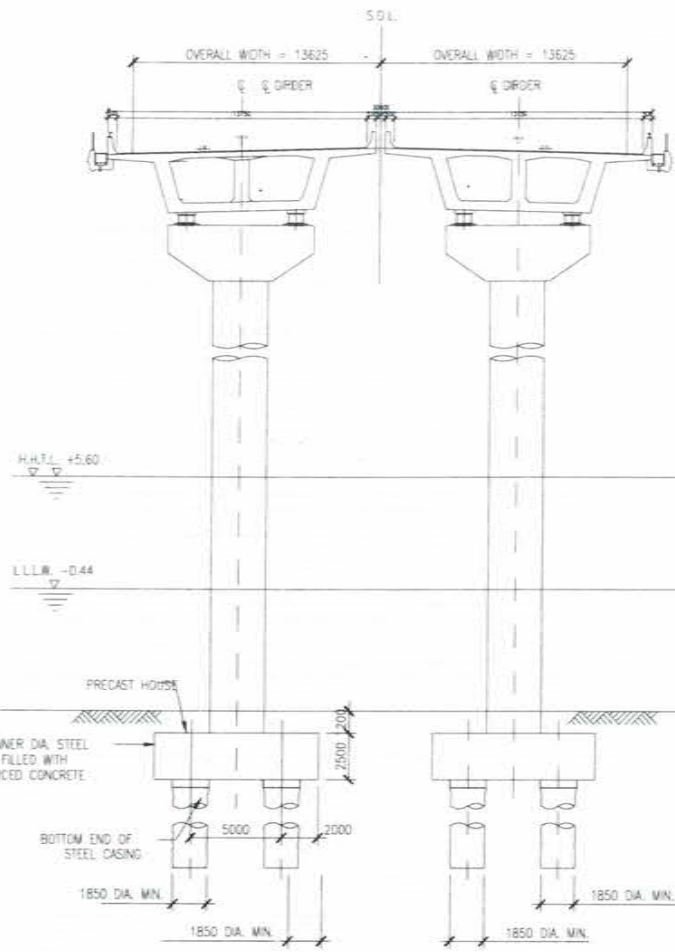
B-069

REV.

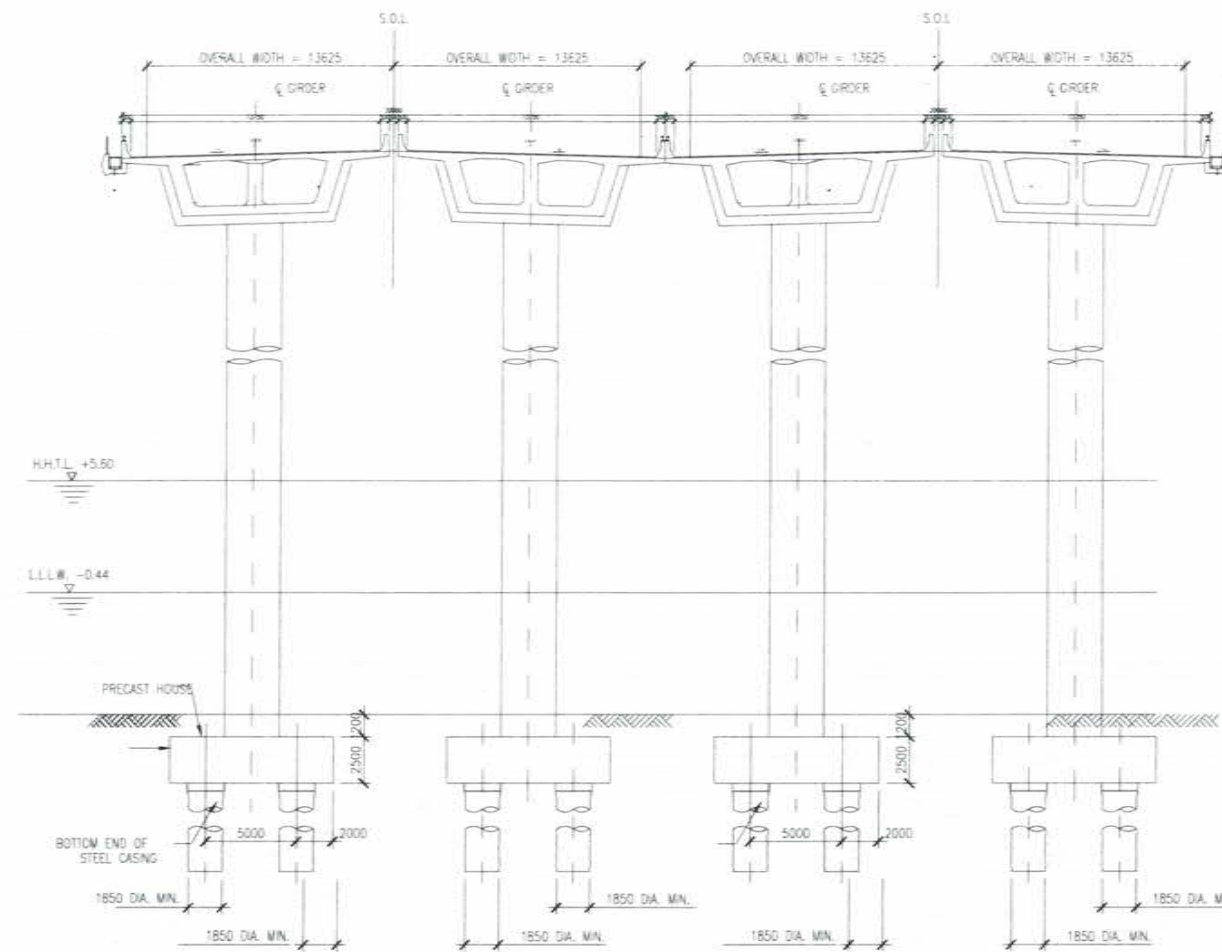
2010



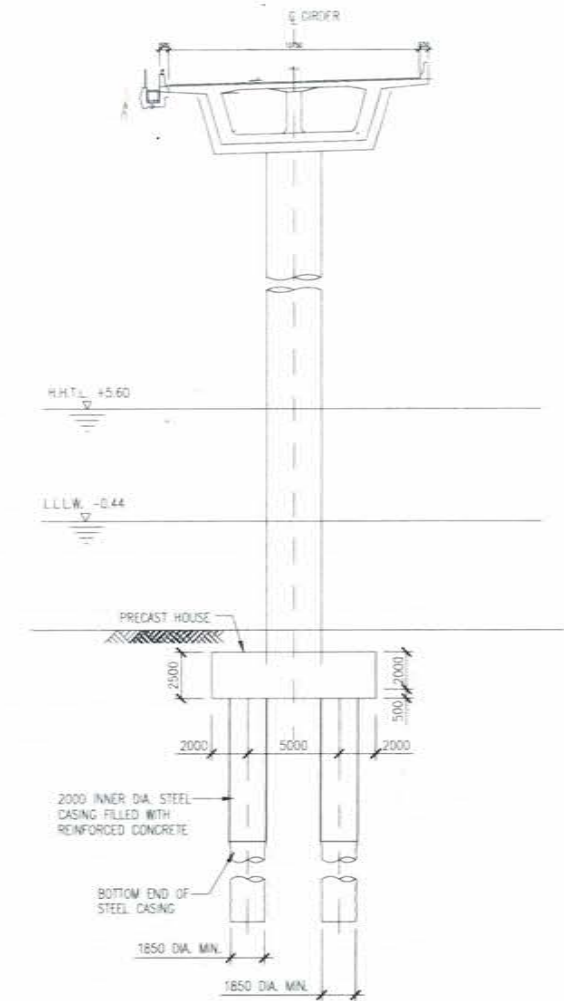
General View of Substructure at Land (2/2)



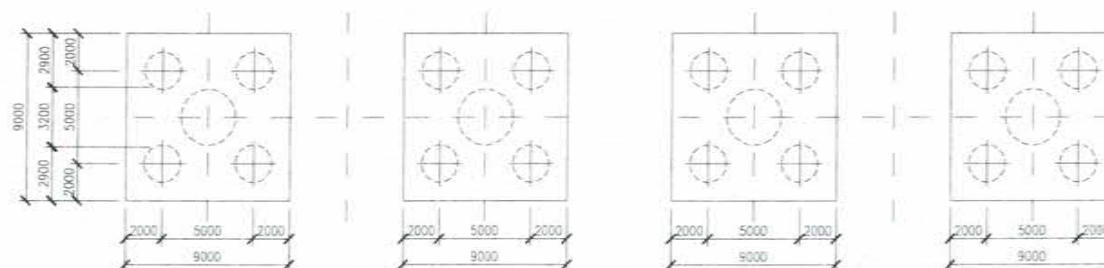
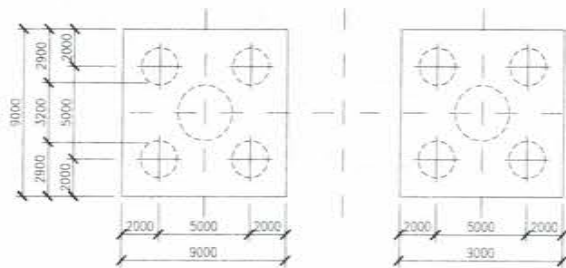
CROSS SECTION AT MP PIER 290



CROSS SECTION AT MP PIER 285,286,287



CROSS SECTION AT MP PIER 288



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DEVELOPMENT AUTHORITY

PROJECT :-

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE :-

General View of Substructure at Land (2/2)

DATE:

DRAWING NO.

B-070

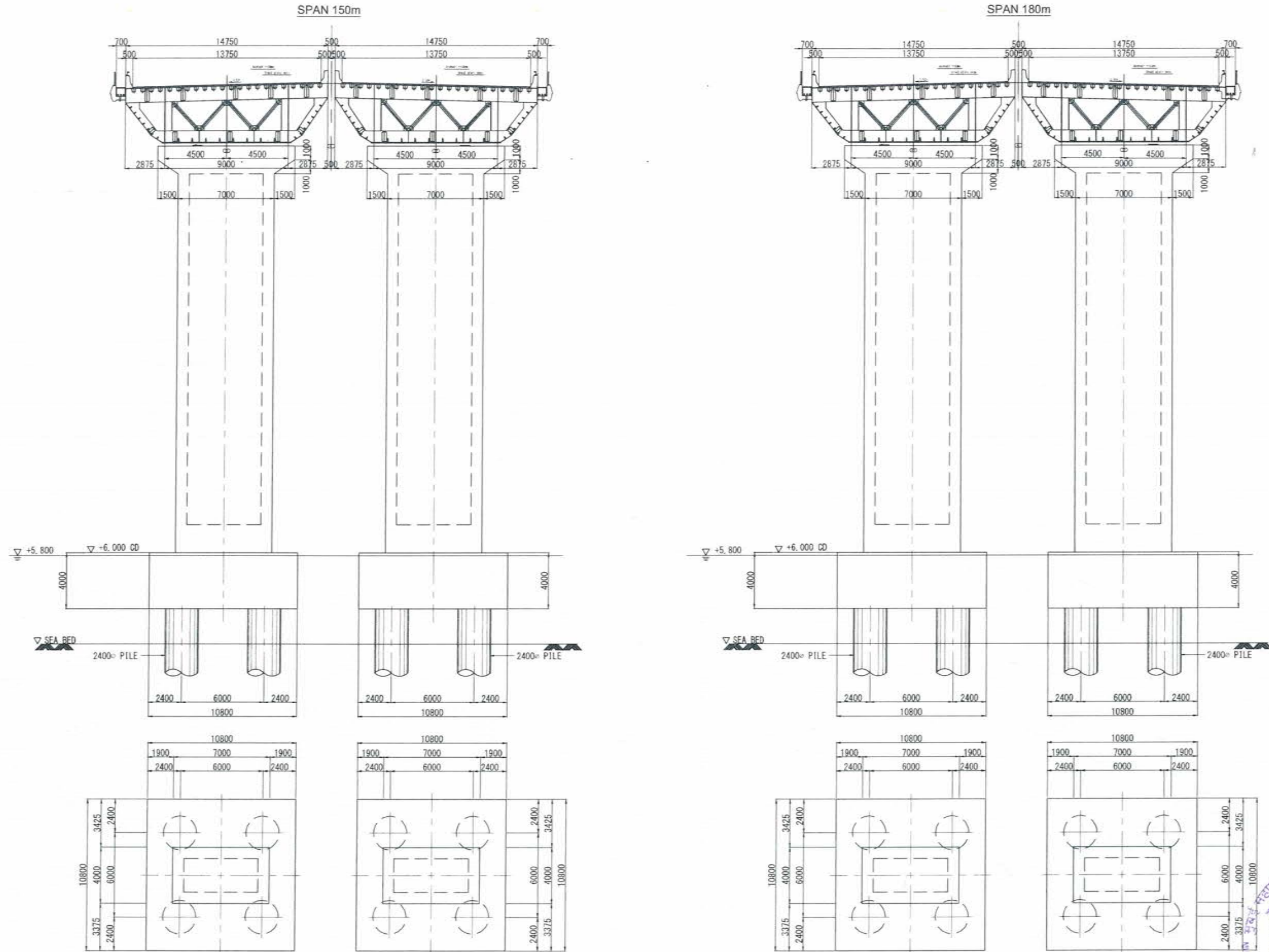
REV.

... 2012

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



(MP59~62)

(MP87~93)

CROSS SECTION OF MARINE BRIDGE



NAME	SIGN
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CHECKED BY	
APPROVED BY	



PROJECT :-
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

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

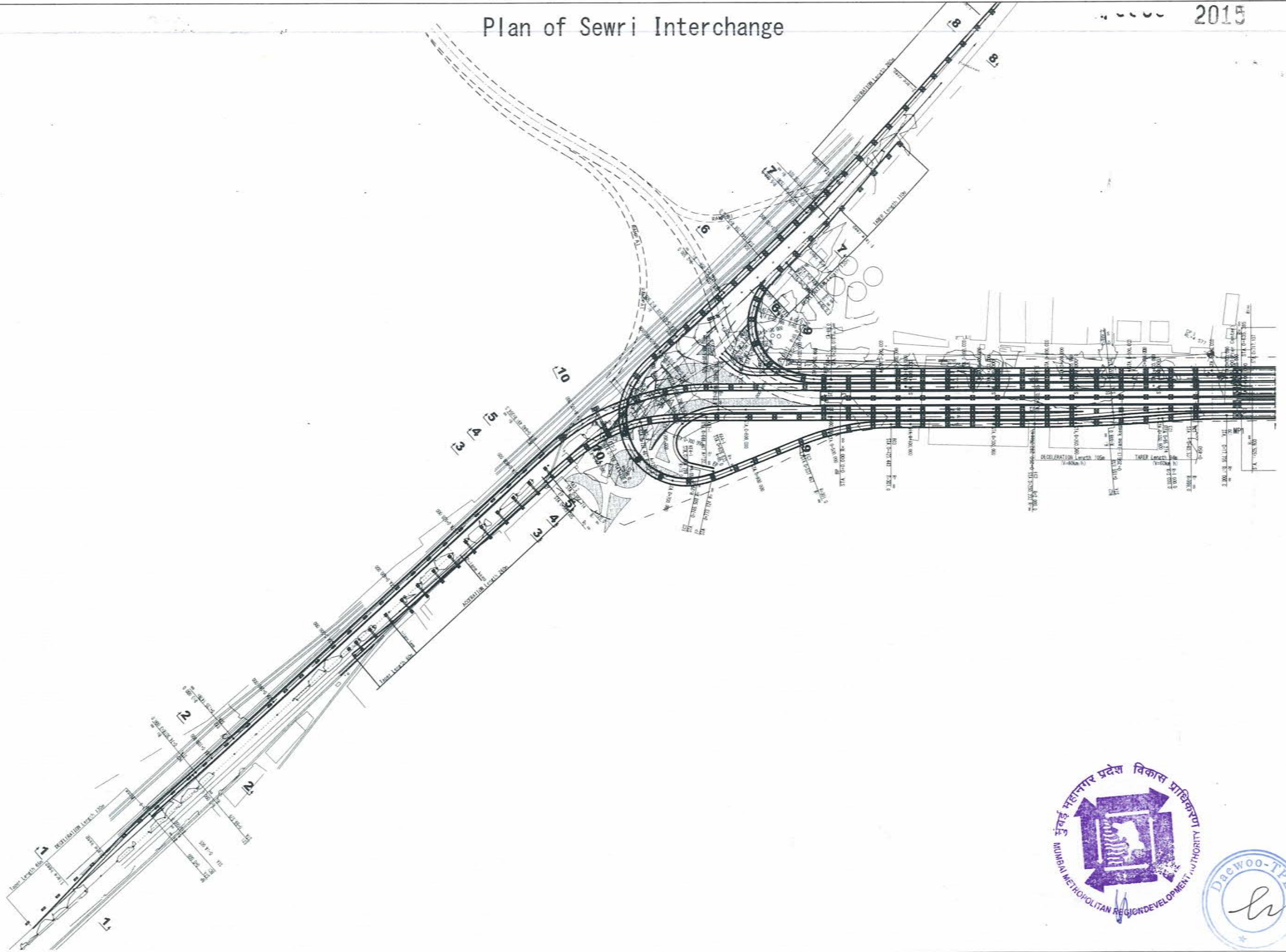
2014

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Plan of Sewri Interchange

2015



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CHECKED BY		
APPROVED BY		



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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE -

Plan of Sewri Interchange

DATE

DRAWING NO.

B-072

REV.

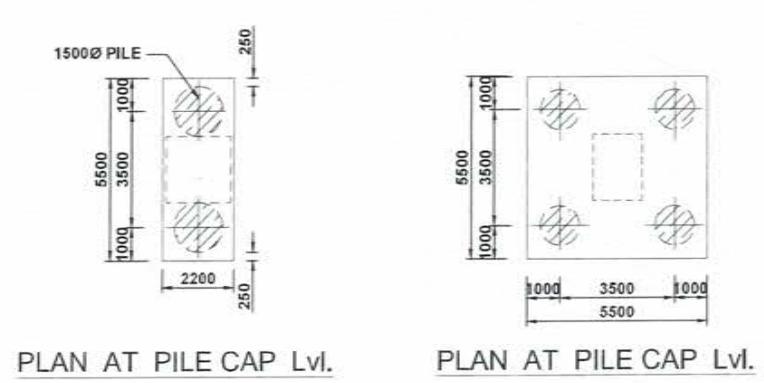
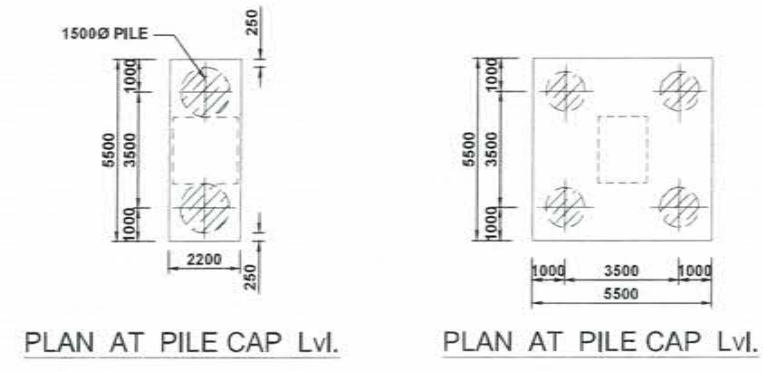
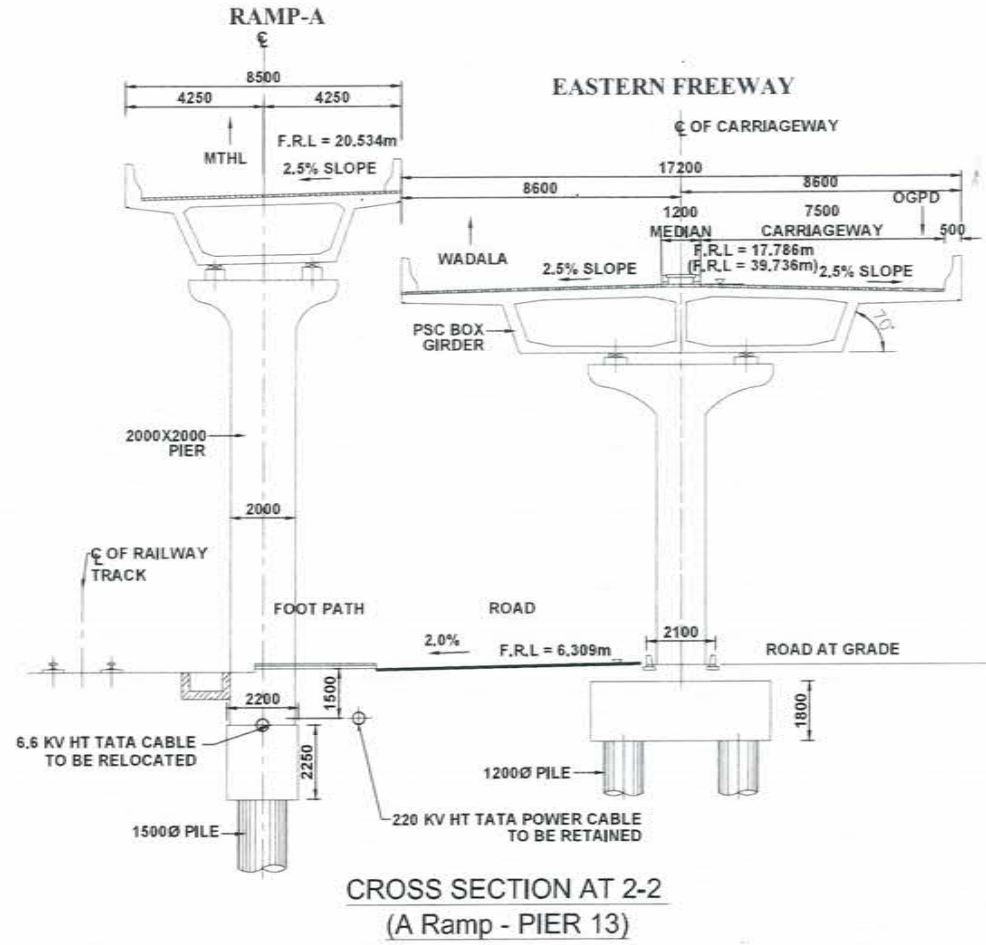
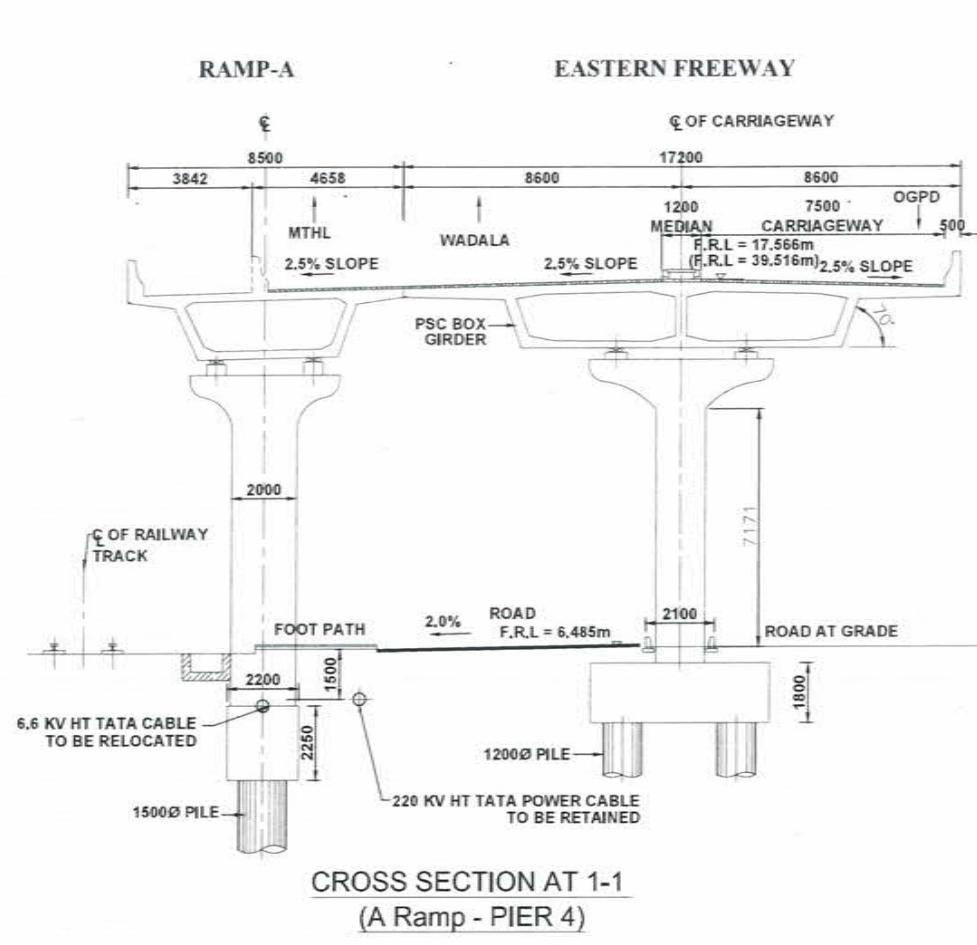
..... 2016

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[Faint, illegible circular stamp or text.]



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.218058A-328 PLAN FOR SEWRI INTERCHANGE

DRAWN BY		MMRDA MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY	PROJECT :-	MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS		TITLE :-	
CHECKED BY						General View of RAMP 'A' at Sewri Interchange	
APPROVED BY						DATE	DRAWING NO.
				B-073			



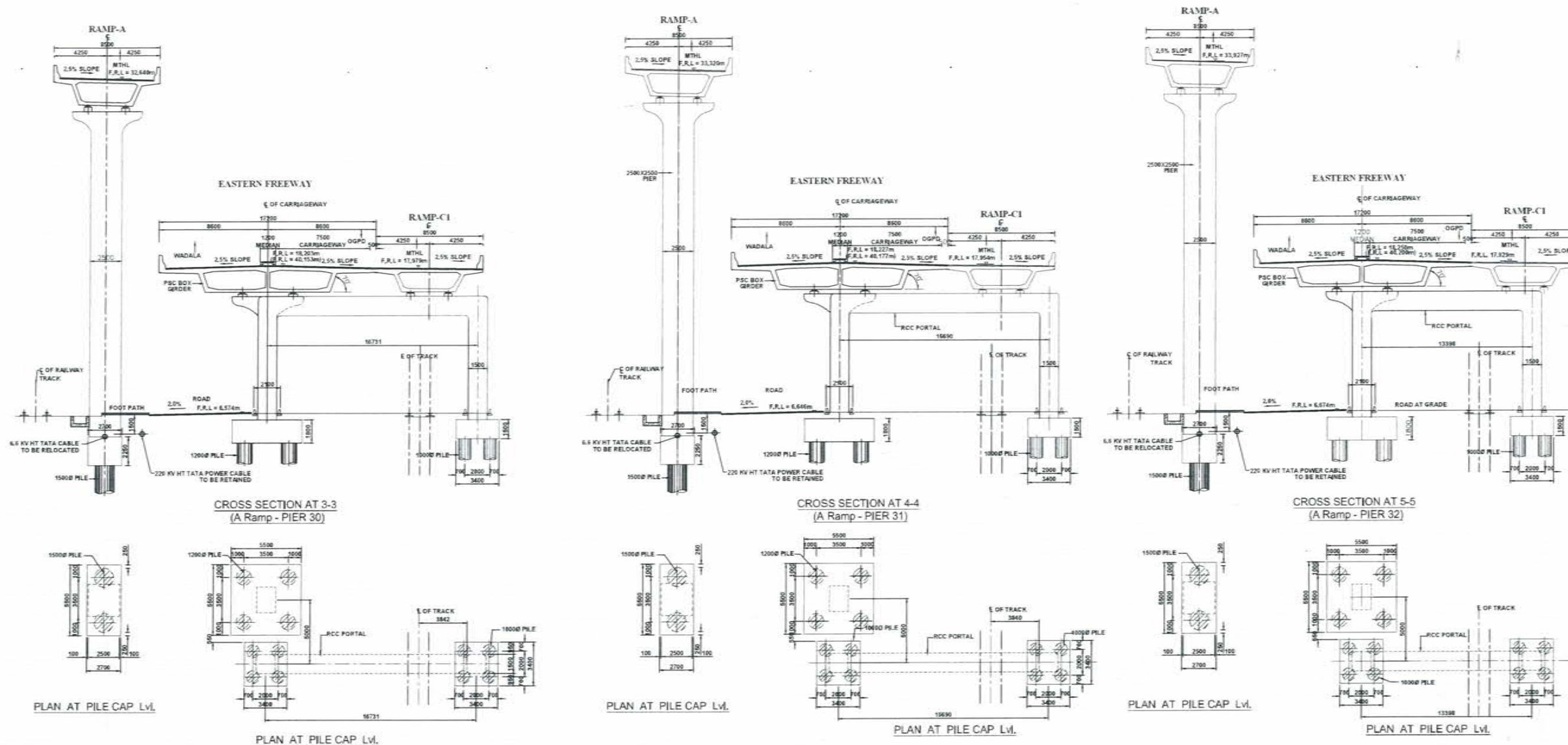
..... 2018

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[Faint, illegible circular stamp or mark.]




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 SHIFTE
 5. PL REFER DRG. No.218058M-328 PLAN FOR SEWRI INTERCHANGE.



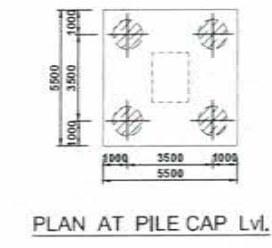
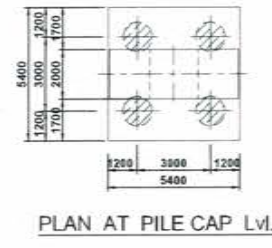
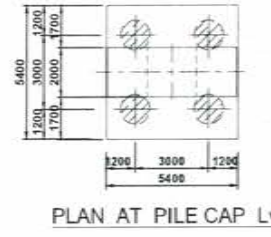
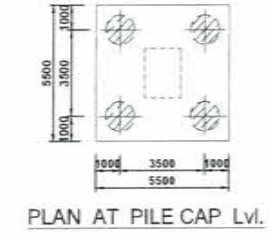
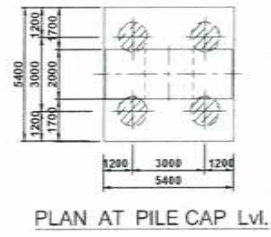
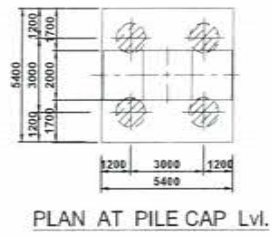
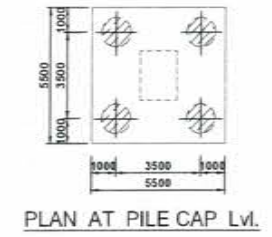
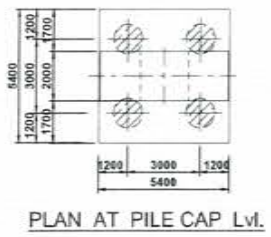
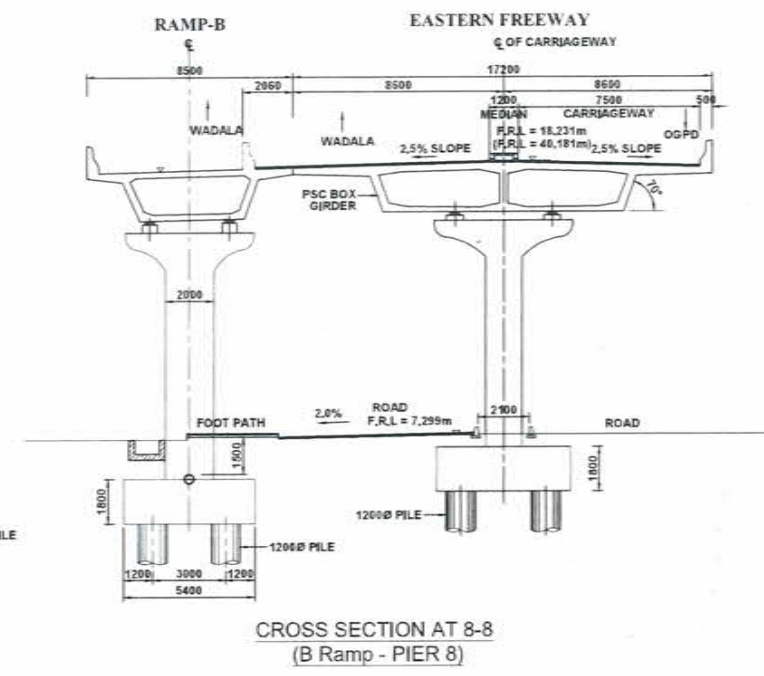
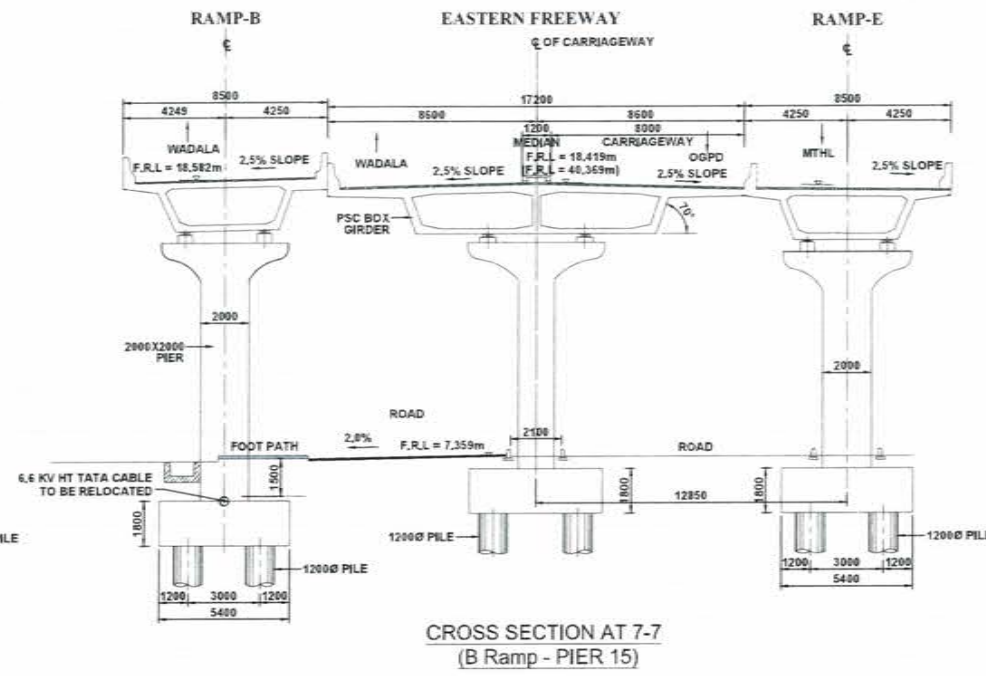
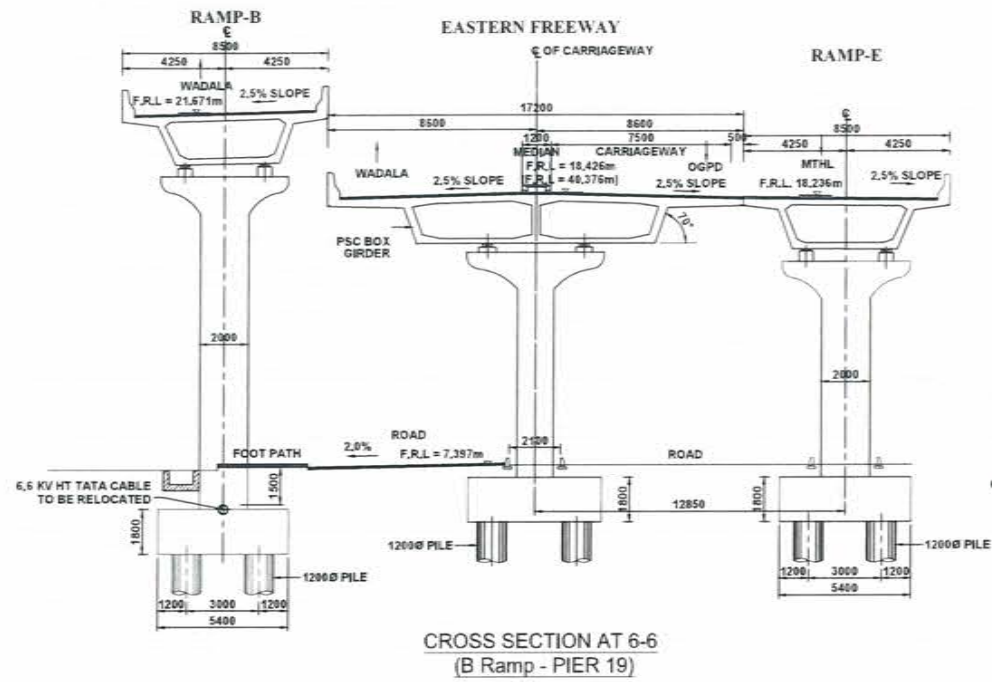
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NAME	SIGN										
DRAWN BY											
CHECKED BY											
APPROVED BY											
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DATE	DRAWING NO.	REV.									
		B-074									

2020

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General View of RAMP 'B' 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.



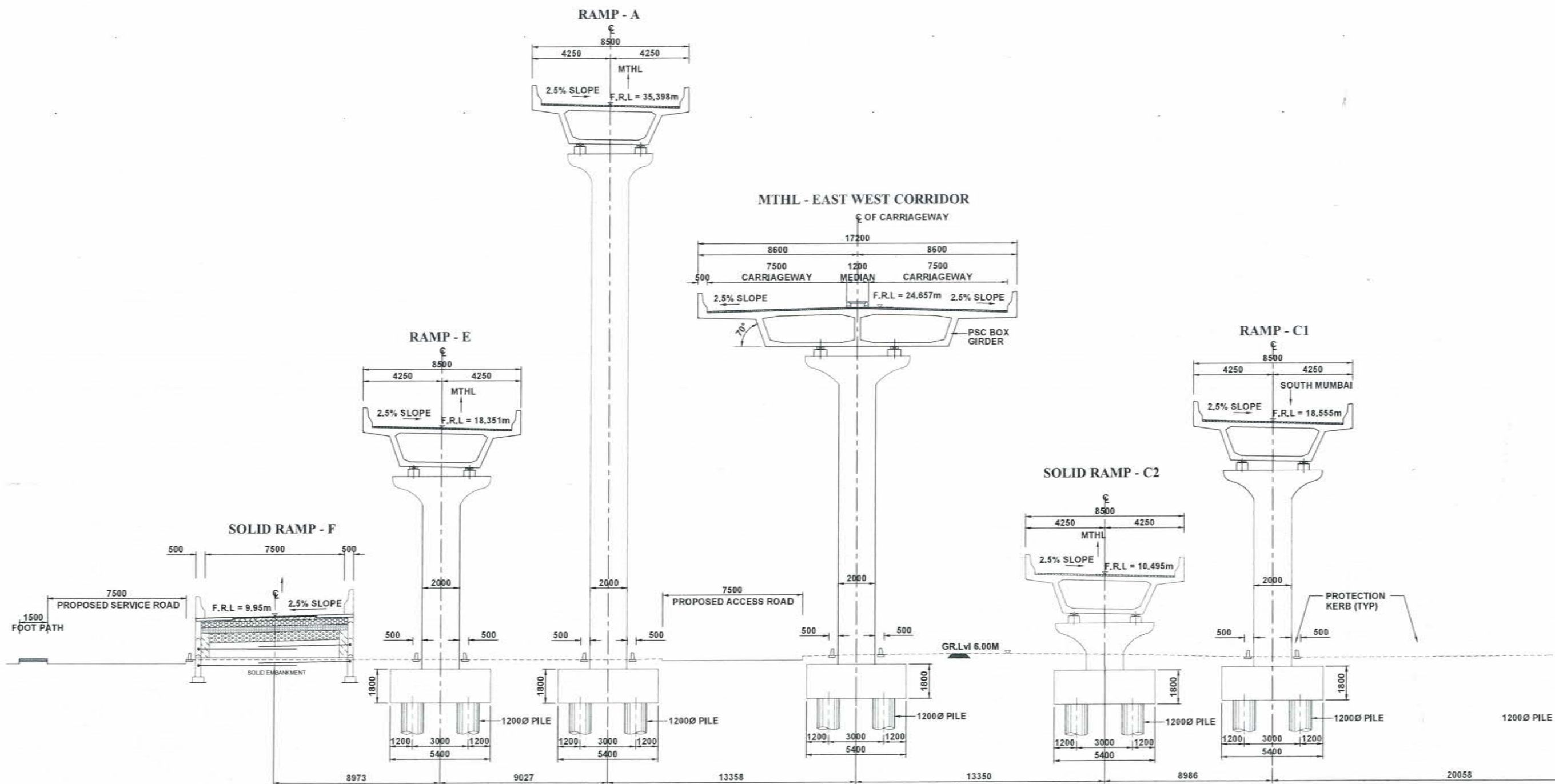
DRAWN BY		NAME	SIGN	PROJECT :- MUMBAI TRANS HARBOUR LINK PROJECT TENDER DRAWINGS	TITLE :- General View of RAMP 'B' at Sewri Interchange
CHECKED BY					
APPROVED BY					
MMRDA MUMBAI METROPOLITAN REGION DEVELOPMENT AUTHORITY				DATE	DRAWING NO. B-075
				REV.	

..... 2022

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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/I-328 PLAN FOR SEWRI INTERCHANGE.



NAME	SIGN
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CHECKED BY	
APPROVED BY	



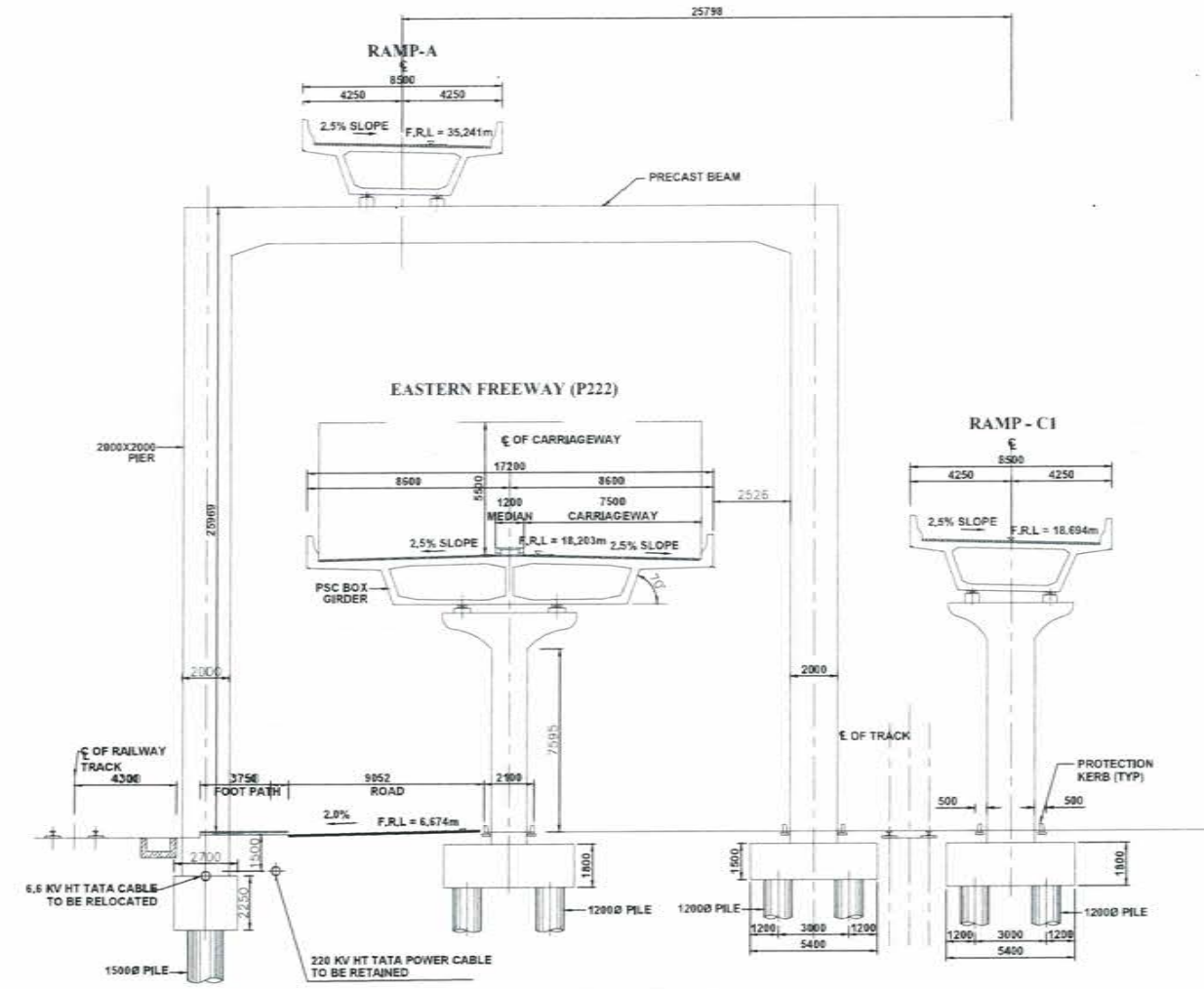
PROJECT:-	MUMBAI TRANS HARBOUR LINK PROJECT	
	TENDER DRAWINGS	
TITLE:-	General View of RAMP F, E, A, MTHL, C2, C1, & B at Sewri Interchange	
DATE:	DRAWING NO. B-076	REV.

2024

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General View of RAMP 'A' and 'C1' at Sewri Interchange



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



PLAN AT PILE CAP Lvl.



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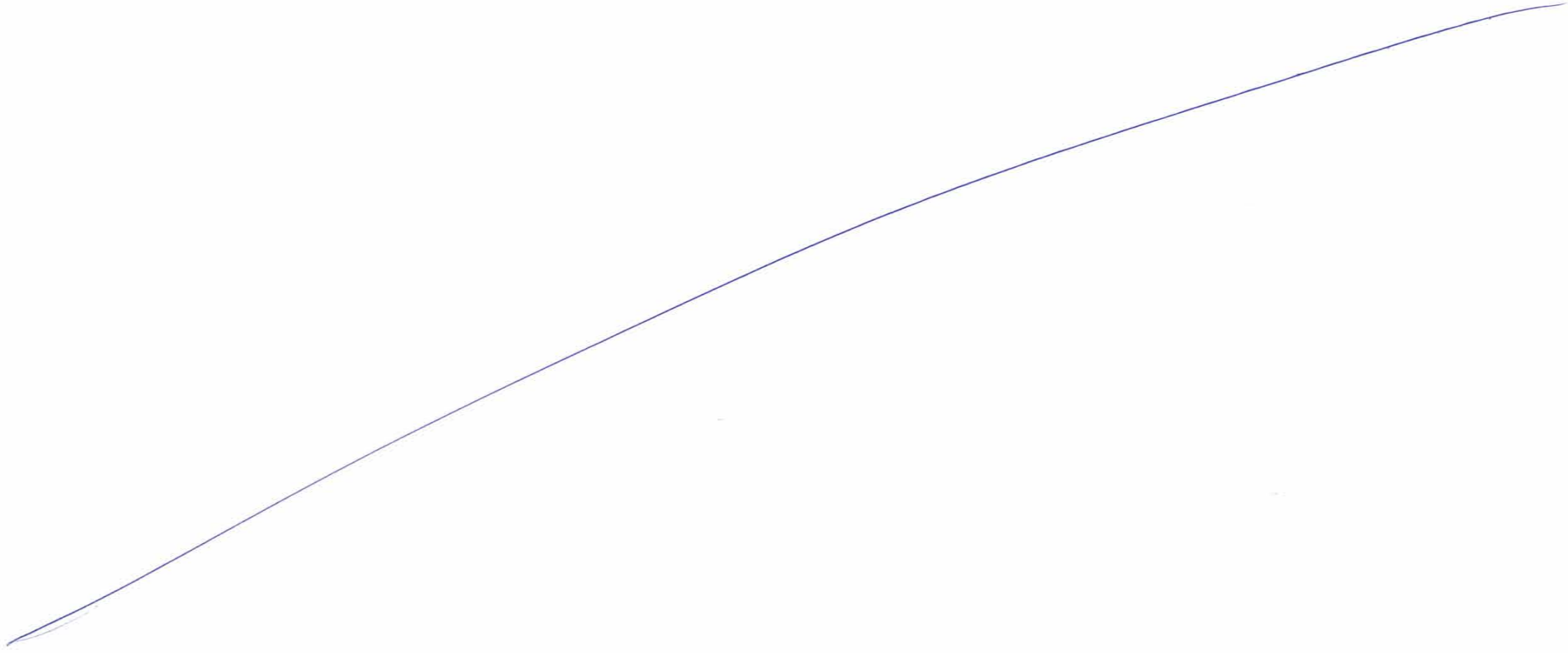


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PROJECT -

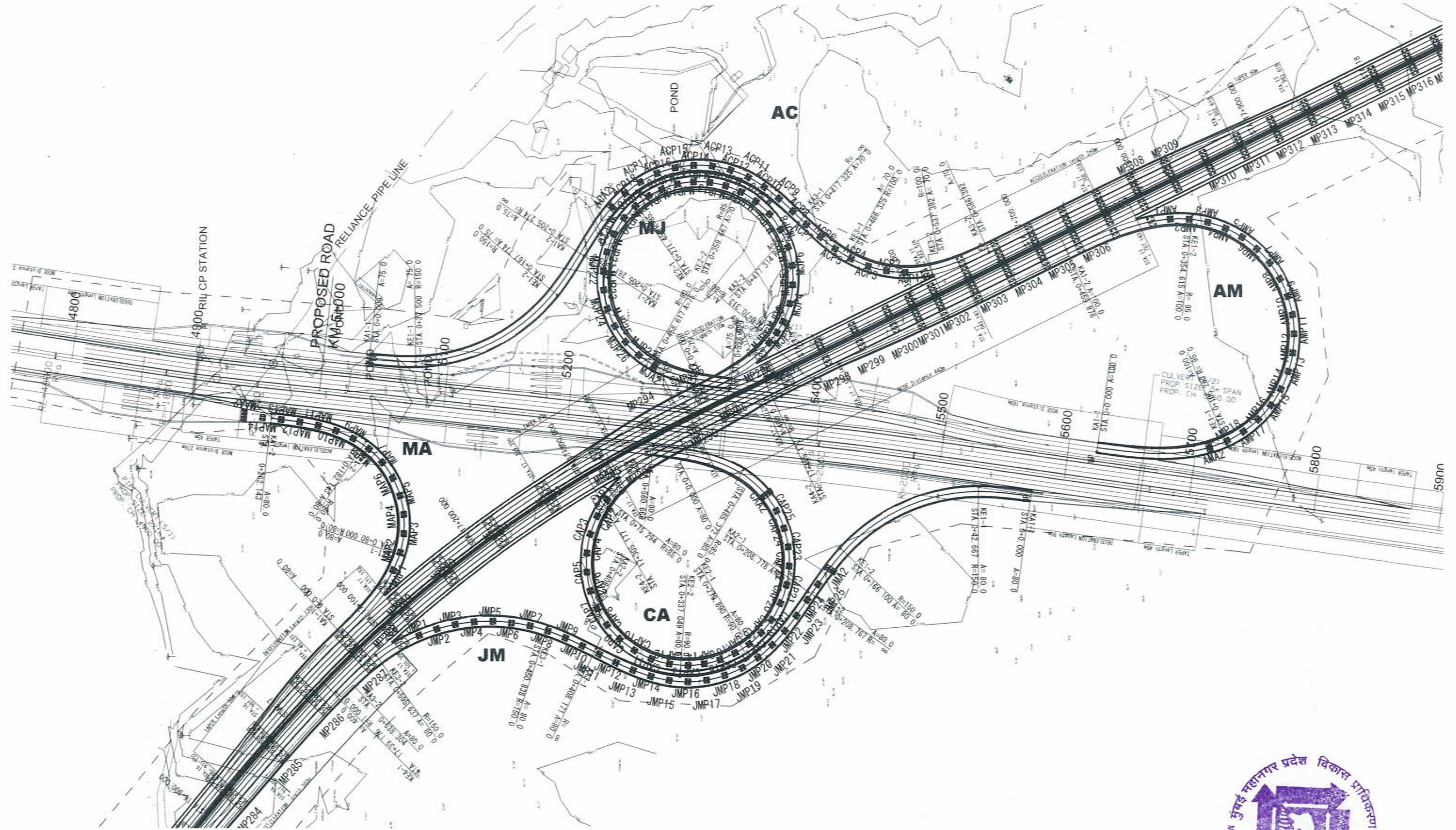
**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

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



Plan of Shivaji Nagar Interchange

2027



NAME	SIGN
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APPROVED BY	



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PROJECT -

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

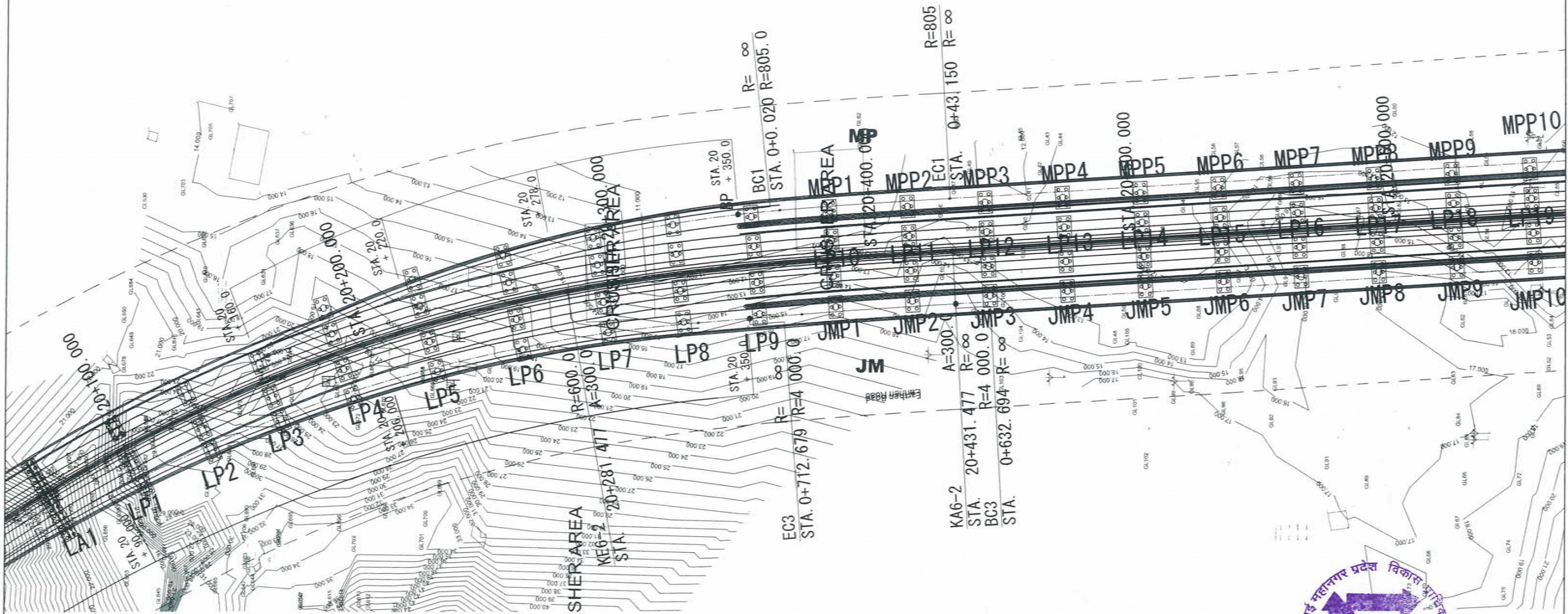
TITLE -		
Plan of Shivaji Nagar Interchange		
DATE -	DRAWING NO.	REV.
	B-078	

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Plan of SH54 Interchange

2029



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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY.

PROJECT -

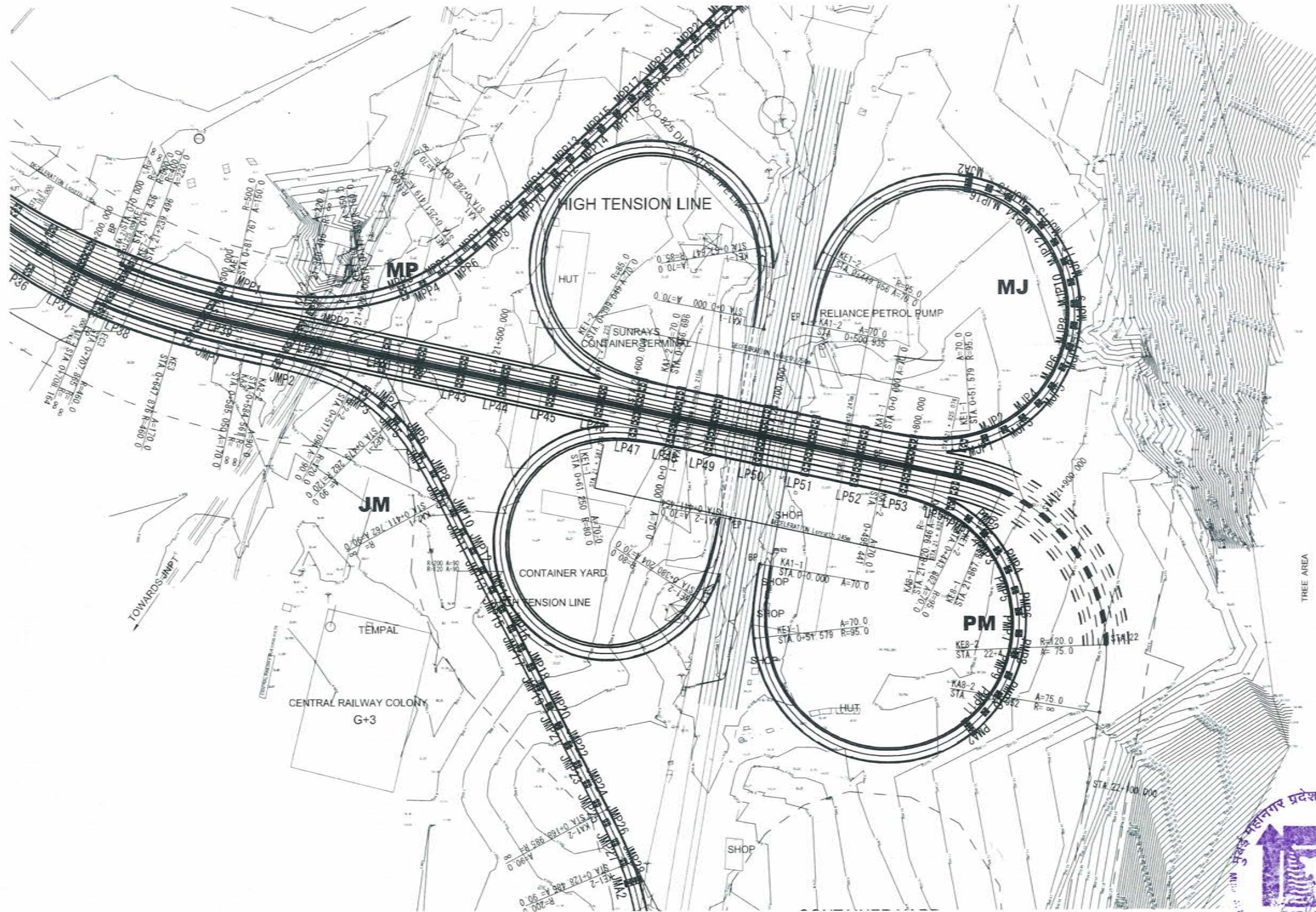
**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

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



Plan of Chirle Interchange

2031



NAME	SIGN
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CHECKED BY	
APPROVED BY	

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DEVELOPMENT AUTHORITY

PROJECT -
MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS

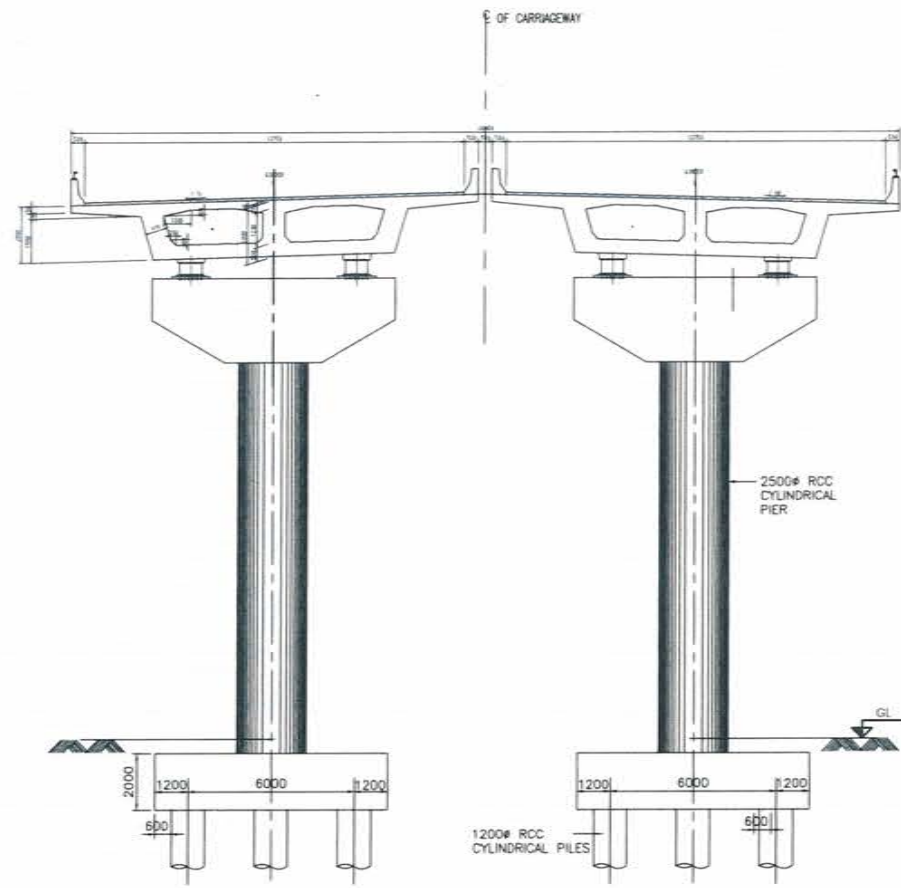
TITLE -		
Plan of Chirle Interchange		
DATE	DRAWING NO.	REV.
	B-080	

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[A faint, circular stamp or scribble is visible in the lower-left quadrant.]

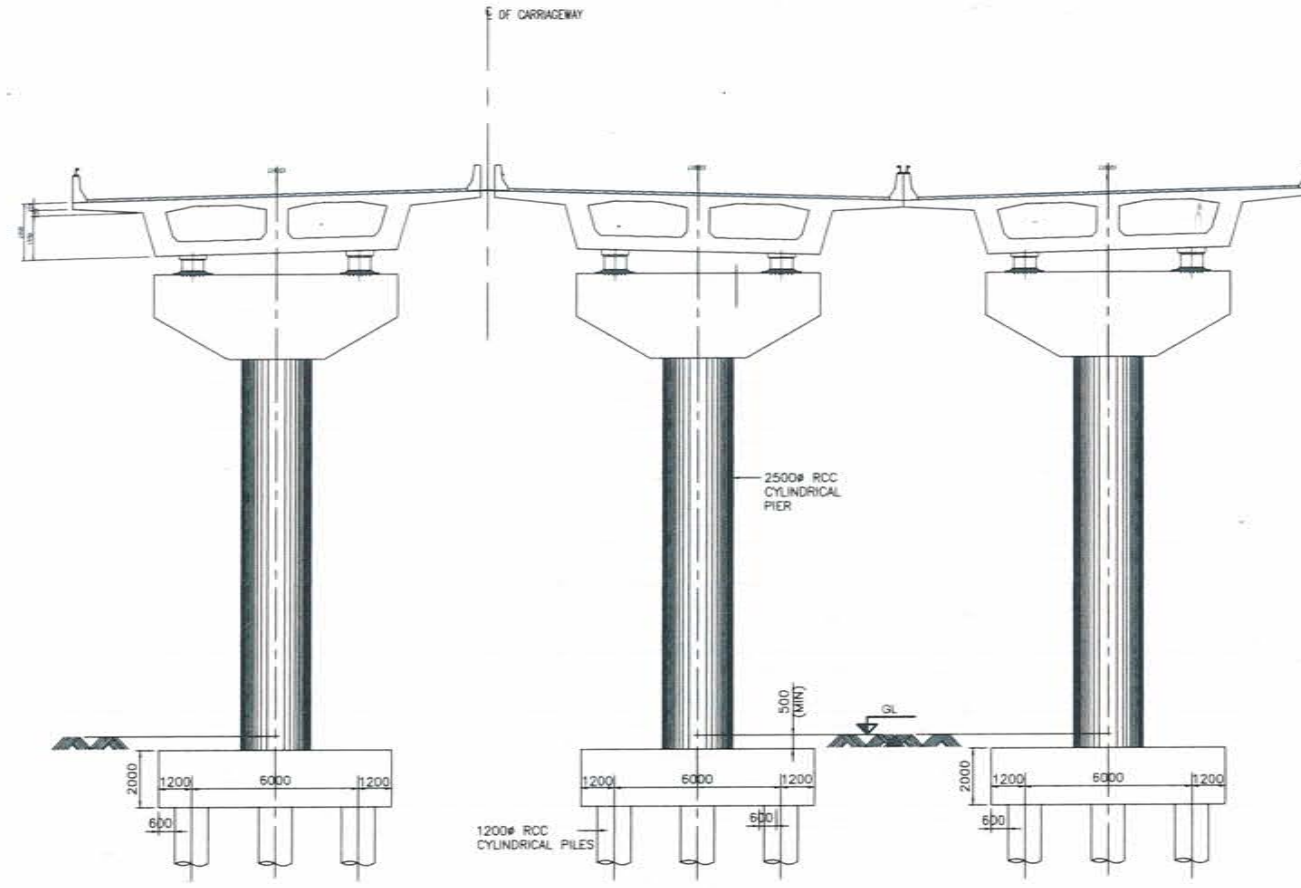


General View of Substructure at Shivaji Nagar, SH54, Chirle Interchange (1/2)



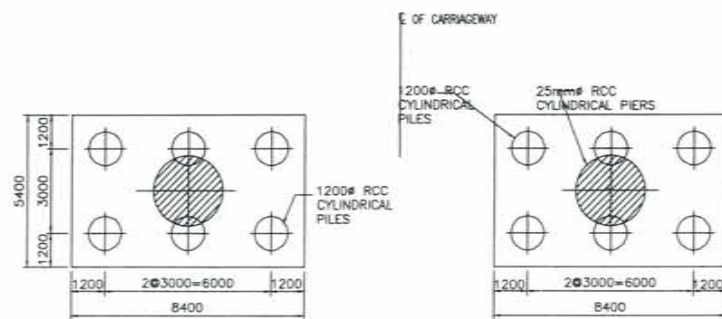
TYPICAL CROSS SECTION AT PIER IN LAND (SPAN=30M)

(SCALE 1:175)



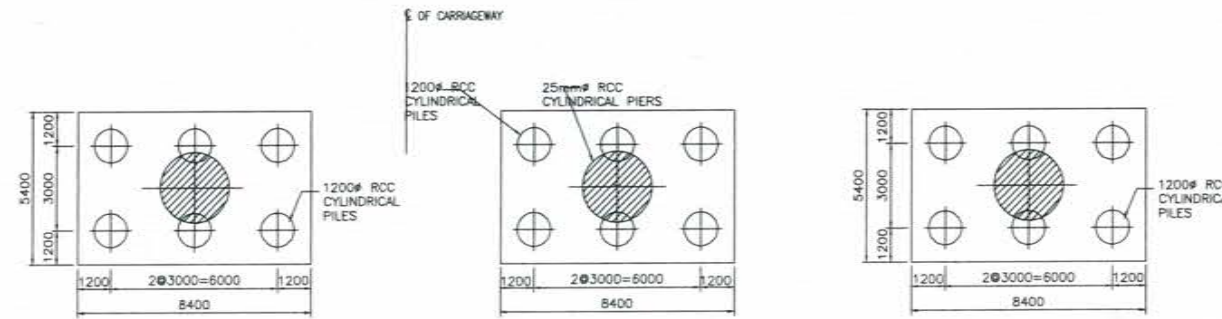
CROSS SECTION AT LP1-LP3 & LP33-LP36

(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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DEVELOPMENT AUTHORITY

PROJECT :-

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE :-

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

DATE

DRAWING NO.

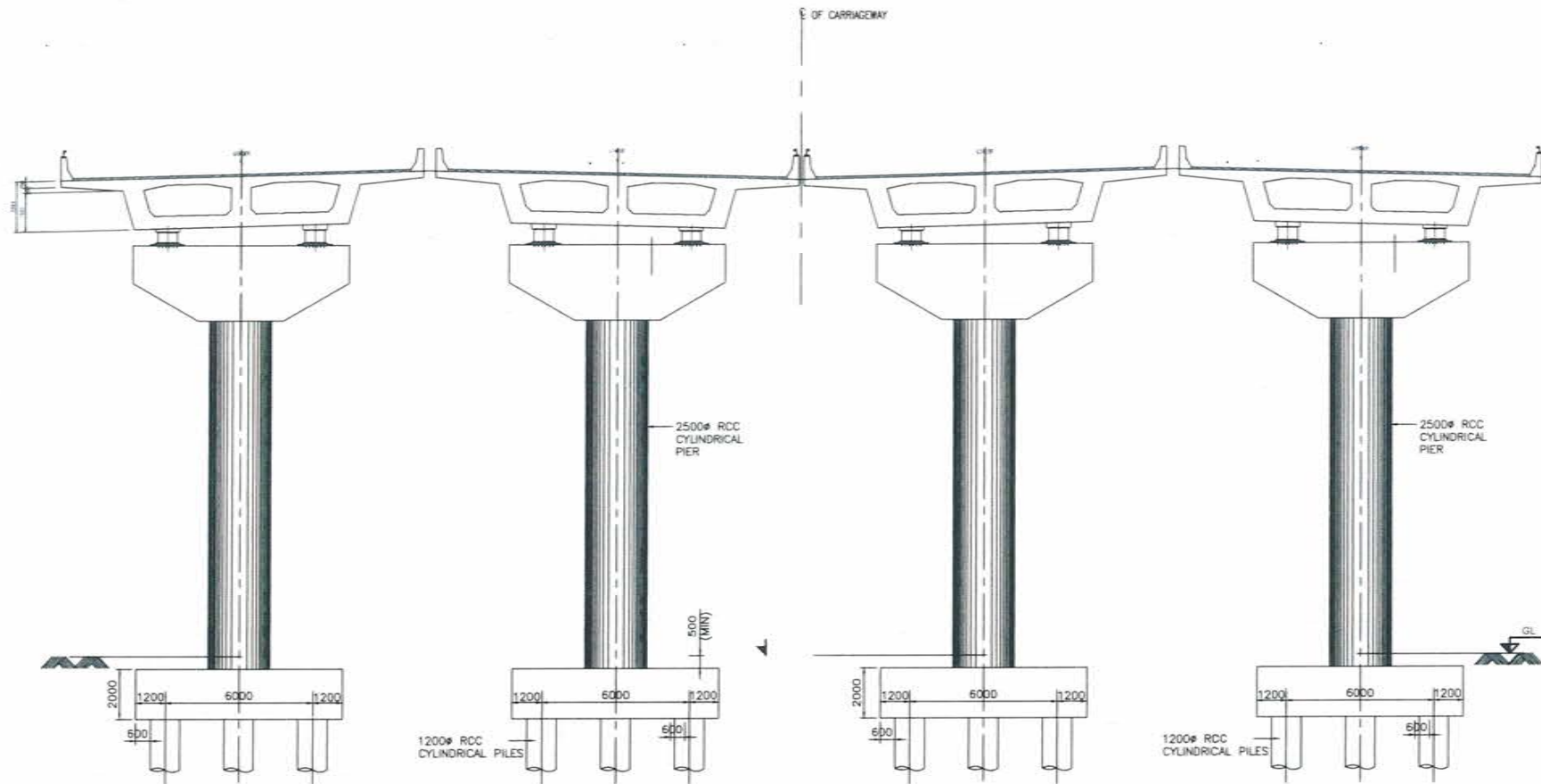
B-081

REV.

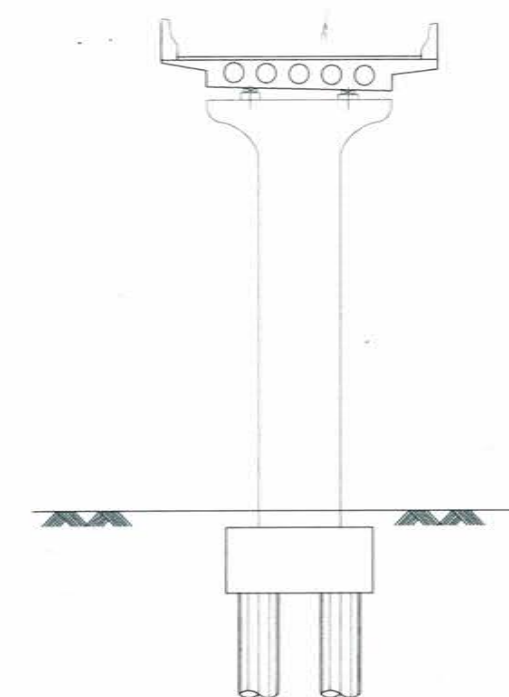
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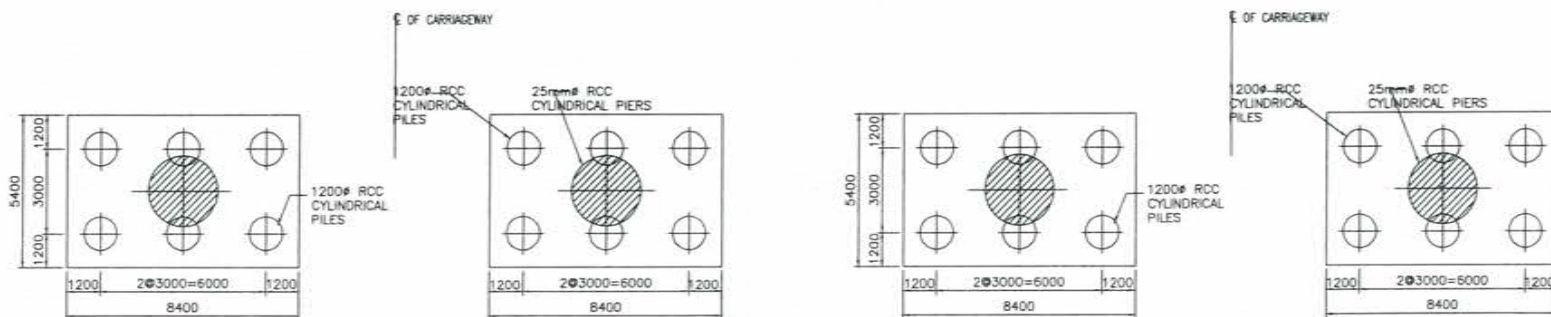
General View of Substructure at Shivaji Nagar, SH54, Chirle Interchange (2/2)



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.

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DEVELOPMENT AUTHORITY

PROJECT :-

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**



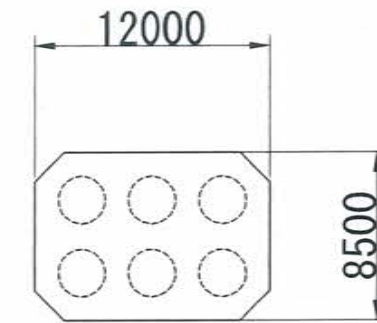
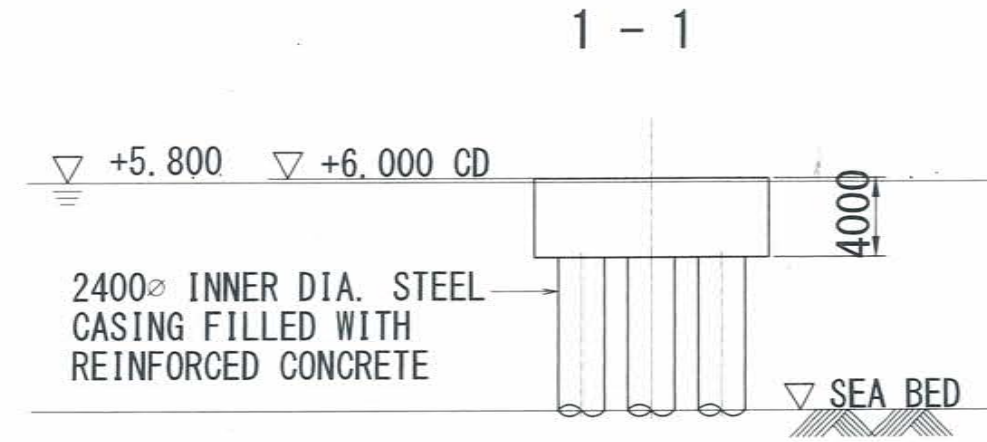
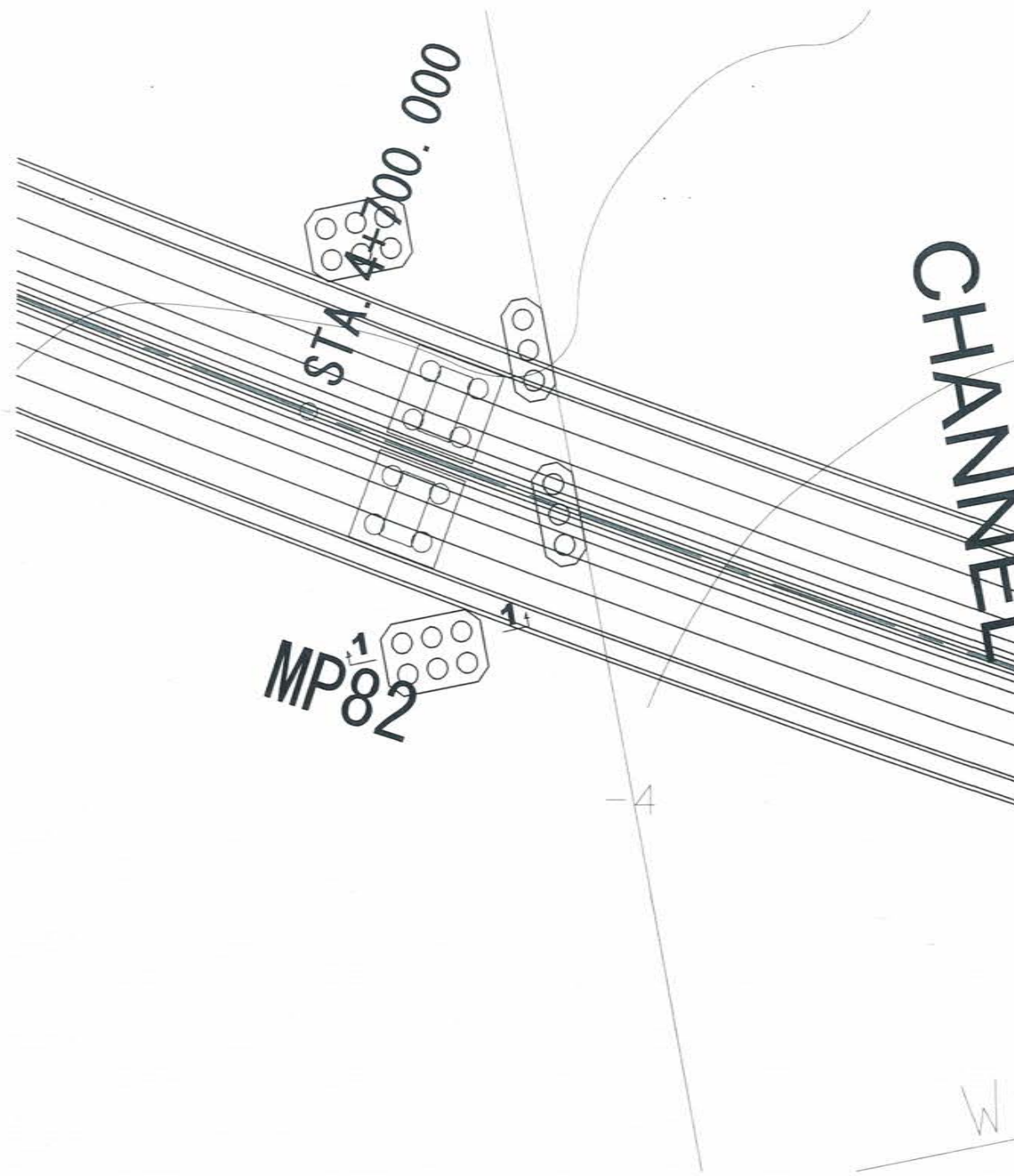
DATE	DRAWING NO.	REV.
	B-082	

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Deep Pile Dolphin (Ship Collision Protection)

2037



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MUMBAI METROPOLITAN REGION
DEVELOPMENT AUTHORITY

PROJECT ->

**MUMBAI TRANS HARBOUR LINK PROJECT
TENDER DRAWINGS**

TITLE ->

Deep Pile Dolphin (Ship Collision Protection)

DATE

DRAWING NO.

B-083

REV.

