

MUTHA CHOWK

DEGLOOR NAKA

CURVE NO. RD8/1

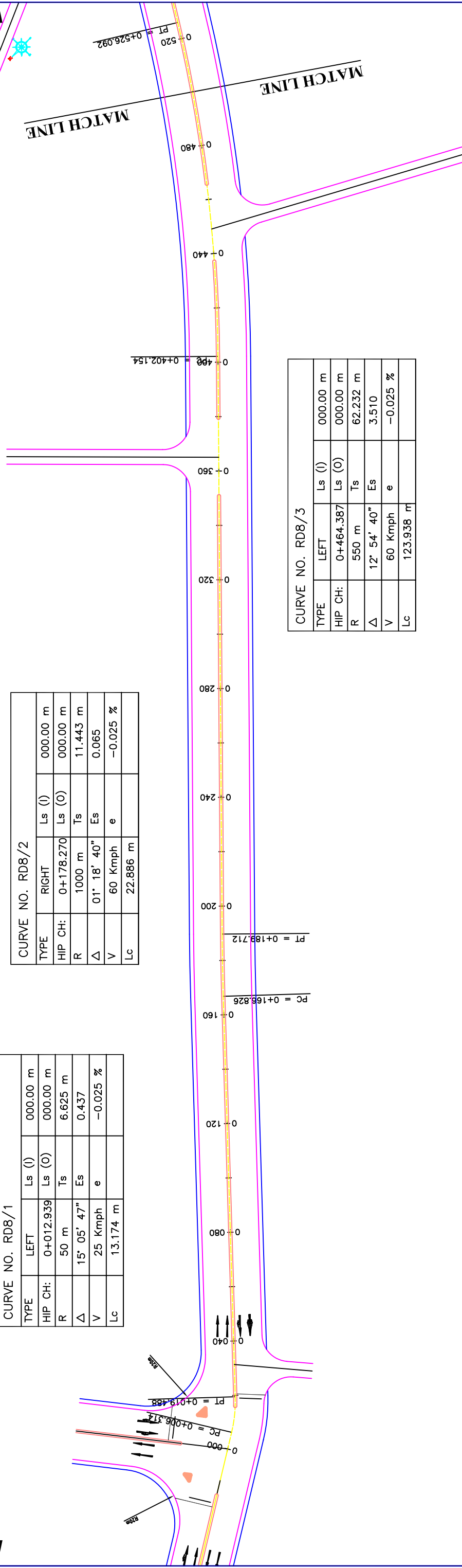
TYPE	LEFT	RIGHT	LS (l)	LS (o)	TS	ES	e
HIP CH:	0+012.939	0+178.270	000.00 m	000.00 m	6.625 m	0.437	-0.025 %
R	50 m	1000 m			11.443 m	0.065	
Δ	15° 05' 47"	01° 18' 40"					
V	25 Km/h	60 Km/h					
Lc	13.174 m	22.886 m					

CURVE NO. RD8/2

TYPE	LEFT	RIGHT	LS (l)	LS (o)	TS	ES	e
HIP CH:	0+012.939	0+178.270	000.00 m	000.00 m	6.625 m	0.437	-0.025 %
R	50 m	1000 m			11.443 m	0.065	
Δ	15° 05' 47"	01° 18' 40"					
V	25 Km/h	60 Km/h					
Lc	13.174 m	22.886 m					

CURVE NO. RD8/3

TYPE	LEFT	RIGHT	LS (l)	LS (o)	TS	ES	e
HIP CH:	0+464.387	0+464.387	000.00 m	000.00 m	62.232 m	3.510	-0.025 %
R	550 m	550 m			62.232 m	3.510	
Δ	12° 54' 40"	12° 54' 40"					
V	60 Km/h	60 Km/h					
Lc	123.938 m	123.938 m					

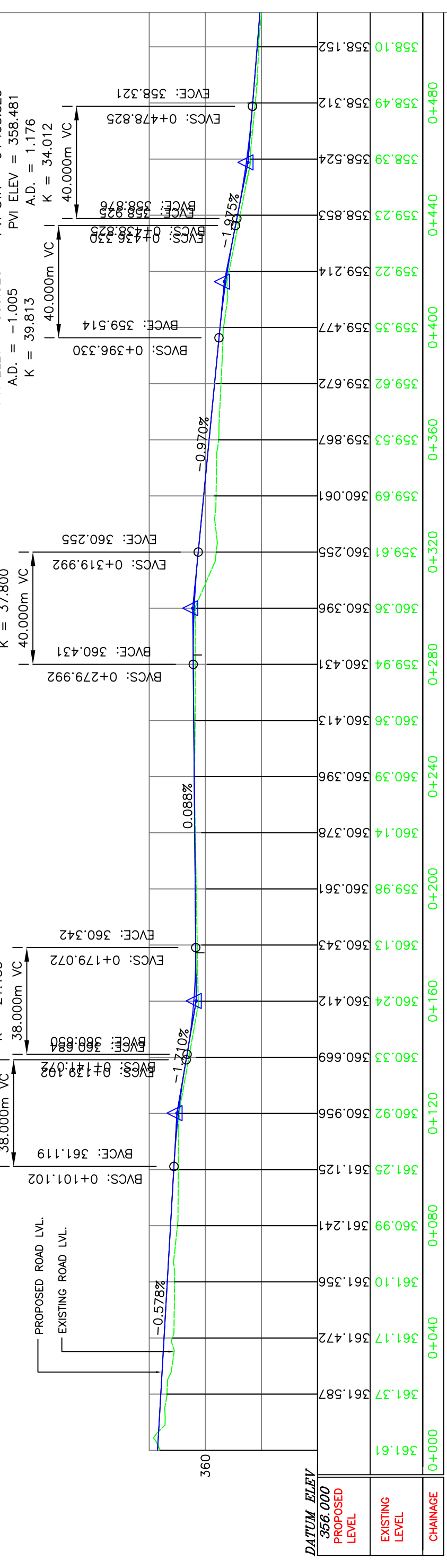


LOW POINT ELEV = 360.341
 LOW POINT STA = 0+177.212
 PVI STA = 0+160.072
 PVI ELEV = 360.326
 A.D. = 1.798
 K = 21.133

HIGH POINT ELEV = 360.433
 HIGH POINT STA = 0+283.320
 PVI STA = 0+299.992
 PVI ELEV = 360.449
 A.D. = -1.058
 K = 37.800

PVI STA = 0+416.330
 PVI ELEV = 359.320
 A.D. = -1.005
 K = 39.813

PVI STA = 0+458.825
 PVI ELEV = 358.481
 A.D. = 1.176
 K = 34.012

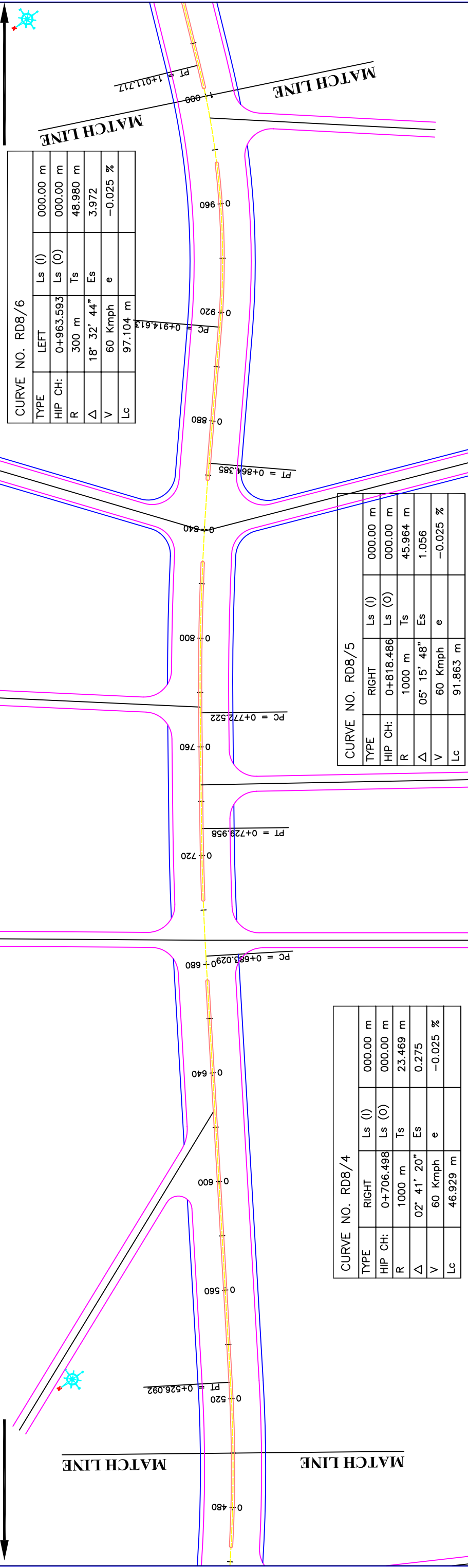


REV.	DATE	DESCRIPTION OF REVISIONS	INITIALS	EMPLOYER	PROJECT	ROAD	PLAN AND PROFILE	PURPOSE	DRAWING NO.	DATE	REVISION
				NANDED WAGHALA CITY MUNICIPAL CORPORATION	DPR FOR DEVELOPMENT OF NANDED CITY ROADS UNDER JNNURM	MUTHA CHOWK TO MAHAVEER CHOWK TO TOWER BARKI CHOWK TO DEGLOOR NAKA	CH: 0+000 TO CH: 0+500	FOR TENDER	2006069/RH/RD8/PP-001	23-06-2006	R0
				CONSULTANT TO IITM				STATUS	DRAWN	DESIGN	CHECKED
				HE CONSULTING ENGINEERING SERVICES (I) PVT. LTD				FOR APPROVAL	PRATIBHA	A.D.A.	APPROVED
				MUMBAI	NEW DELHI	KOLKATA		HORZ. : 1:1000			
								VERT. : 1:100			
											DR. C.S.S.

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MUTHA CHOWK

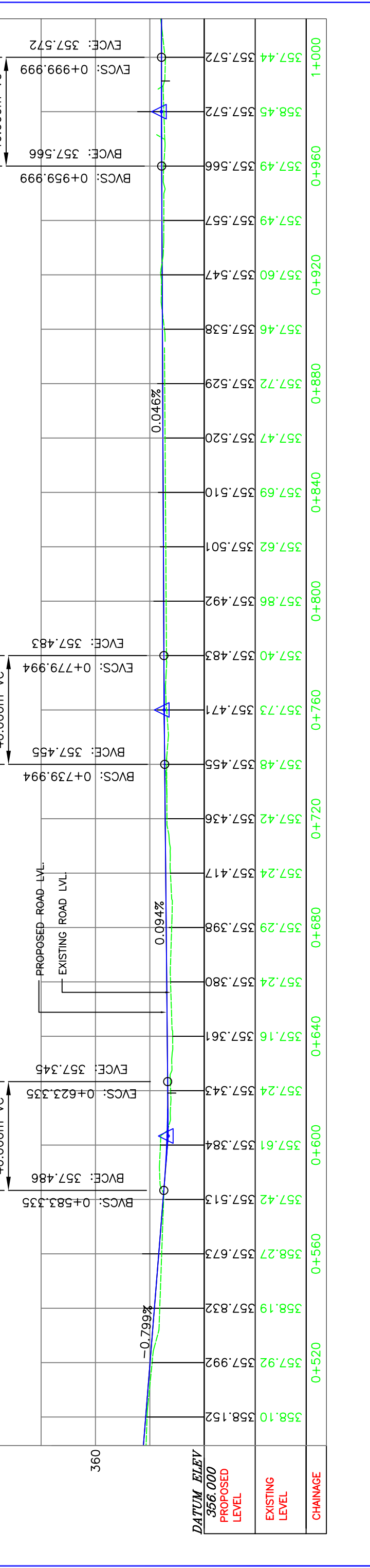
DEGLOOR NAKA



LOW POINT ELEV = 357.343
 LOW POINT STA = 0+619.129
 PVI STA = 0+603.335
 PVI ELEV = 357.326
 A.D. = 0.893
 K = 44.810

PVI STA = 0+759.994
 PVI ELEV = 357.473
 A.D. = -0.048
 K = 837.878

HIGH POINT ELEV = 357.573
 HIGH POINT STA = 0+991.288
 PVI STA = 0+979.999
 PVI ELEV = 357.575
 A.D. = -0.059
 K = 678.425



REV.	DATE	DESCRIPTION OF REVISIONS	INITIALS

EMPLOYER	NANDED WAGHALA CITY MUNICIPAL CORPORATION	PROJECT	DPR FOR DEVELOPMENT OF NANDED CITY ROADS UNDER JNNURM
CONSULTANT TO ITRM	THE CONSULTING ENGINEERING SERVICES (I) PVT. LTD MUMBAI	ROAD	MUTHA CHOWK TO MAHAVEER CHOWK TO TOWER BARKI CHOWK TO DEGLOOR NAKA
PLAN AND PROFILE	CH: 0+500 TO CH: 1+000	PURPOSE	FOR TENDER
SCALE	HORZ. : 1:1000 VERT. : 1:100	STATUS	FOR APPROVAL
DRAWING NO.	2006069/RH/RD8/PP-002	DESIGN	A.D.A.
DATE	23-06-2006	CHECKED	G.H.REDDY
REVISION	R0	APPROVED	DR. C.S.S.

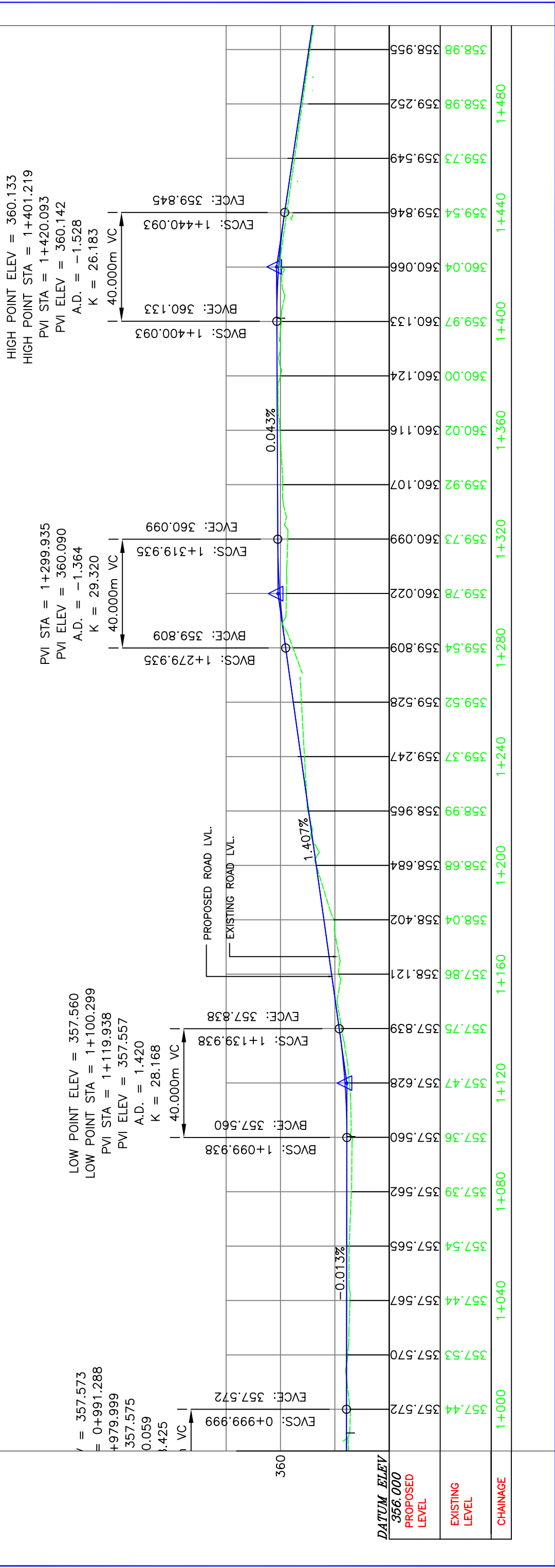
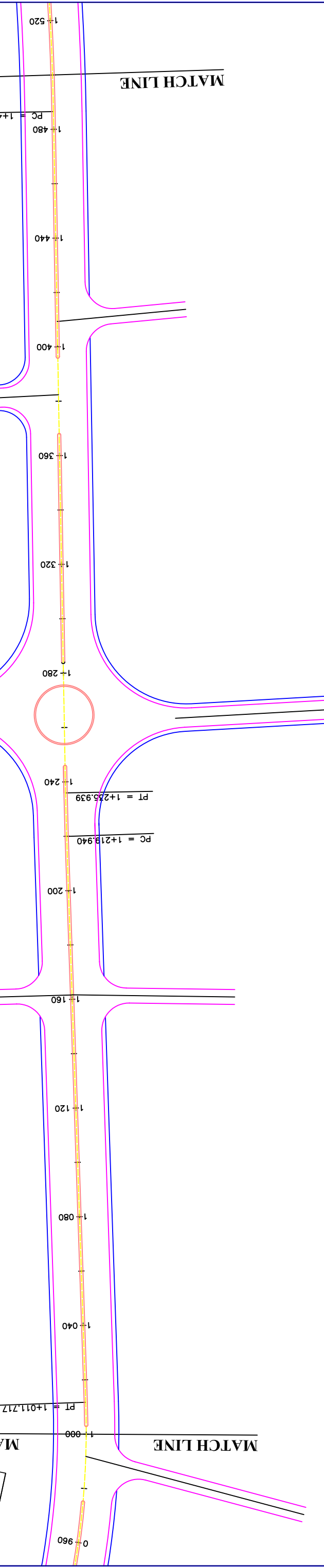
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MUTHA CHOWK

DEGLOOR CHOWK

(1)	000.00 m
(0)	000.00 m
	48.980 m
	3.972
	-0.025 %

CURVE NO. RD8/7	
TYPE	RIGHT
HIP CH:	1+227.940
R	1000 m
Δ	00° 55' 00"
V	60 Kmph
Lc	15.998 m
LS (I)	000.00 m
LS (O)	000.00 m
Ts	7.999 m
Es	0.032
e	-0.025 %



HIGH POINT ELEV = 360.133
 HIGH POINT STA = 1+401.219
 PVI STA = 1+420.093
 PVI ELEV = 360.142
 A.D. = -1.528
 K = 26.183

PVI STA = 1+299.935
 PVI ELEV = 360.090
 A.D. = -1.364
 K = 29.320

LOW POINT ELEV = 357.560
 LOW POINT STA = 1+100.299
 PVI STA = 1+119.938
 PVI ELEV = 357.557
 A.D. = 1.420
 K = 28.168

V = 357.573
 = 0+991.288
 +979.999
 357.575
 0.059
 3.425

REV.	DATE	DESCRIPTION OF REVISIONS	INITIALS

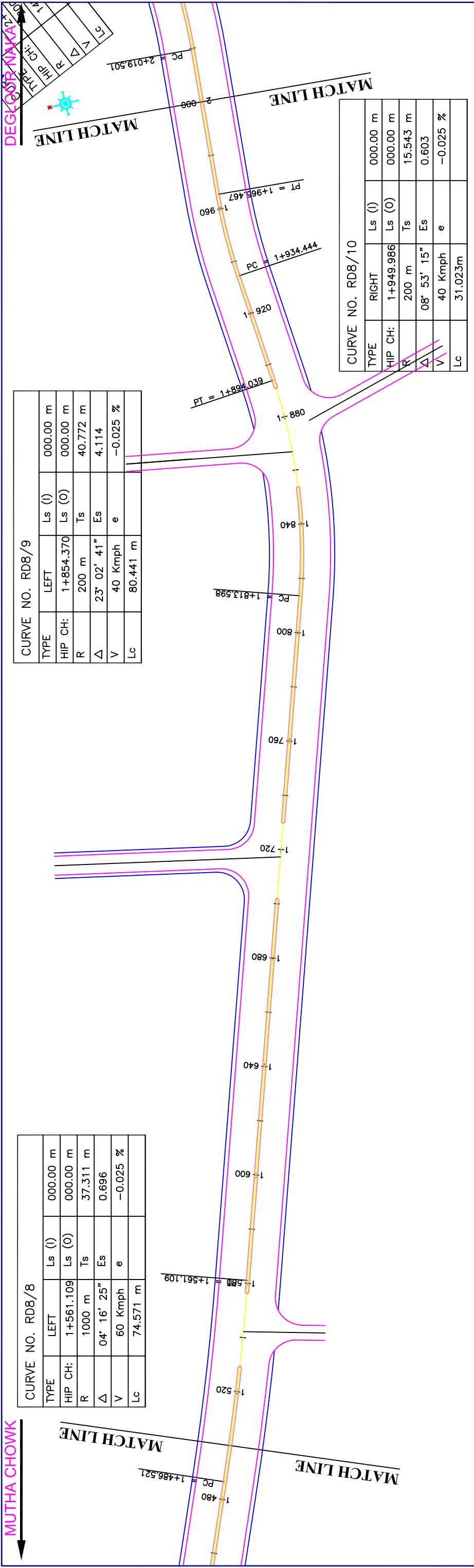
EMPLOYER	NANDED WAGHALA CITY MUNICIPAL CORPORATION	PROJECT	DPR FOR DEVELOPMENT OF NANDED CITY ROADS UNDER JNNURM
CONSULTANT TO ITRM	THE CONSULTING ENGINEERING SERVICES (I) PVT. LTD MUMBAI	ROAD	MUTHA CHOWK TO MAHAVEER CHOWK TO TOWER BARKI CHOWK TO DEGLOOR NAKA
SCALE	HORZ. - 1:1000 VERT. - 1:100	PLAN AND PROFILE	CH: 1+000 TO CH: 1+500
PURPOSE	FOR TENDER	DRAWING NO.	2006069/RH/RD8/PP-003
STATUS	FOR APPROVAL	DESIGN	A.D.A.
DATE	23-06-2006	CHECKED	G.H.REDDY
REVISION	APPROVED	APPROVED	DR. C.S.S.

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MUTHA CHOWK

TYPE	LEFT	RIGHT	Ls (l)	Ls (o)	Rs	Es	e
HIP CH:	1+561.109	1+561.109	000.00 m	000.00 m	37.311 m	0.696	-0.025 %
R	1000 m	1000 m	37.311 m	37.311 m	0.696	-0.025 %	
Δ	04° 16' 25"	04° 16' 25"	0.696	0.696	-0.025 %		
V	60 Km/h	60 Km/h	74.571 m	74.571 m			
Lc	74.571 m	74.571 m					

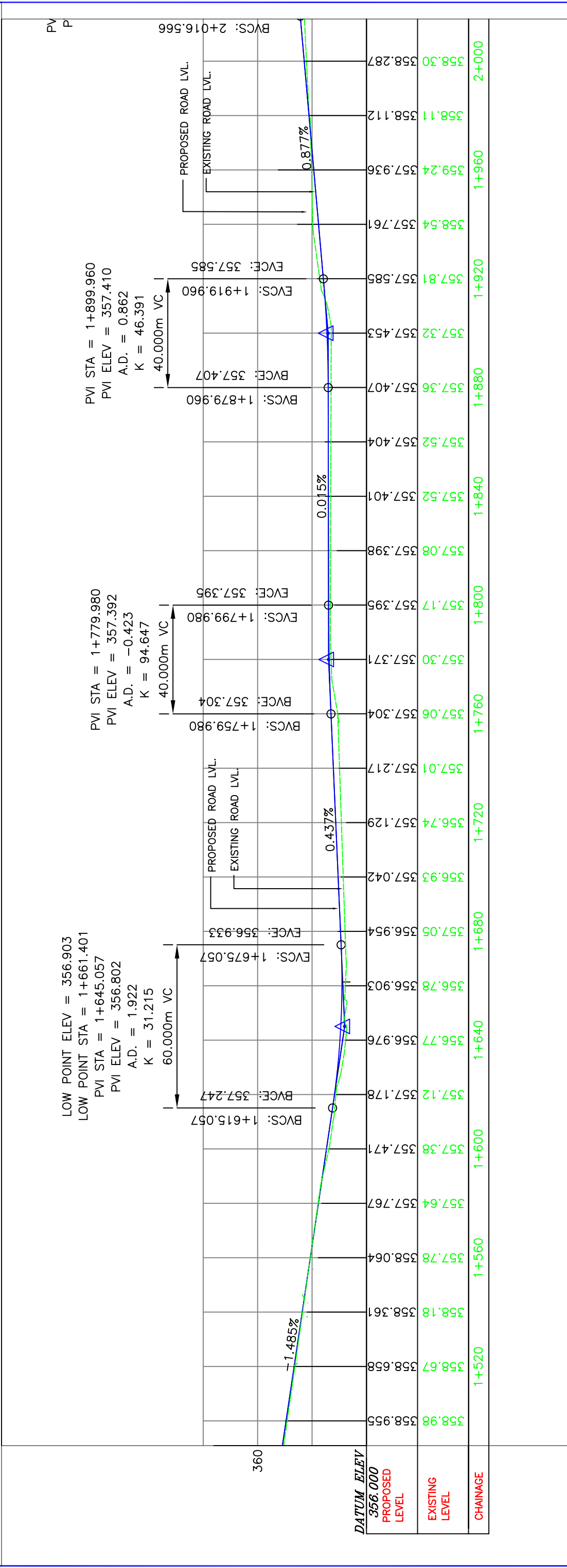
TYPE	LEFT	RIGHT	Ls (l)	Ls (o)	Rs	Es	e
HIP CH:	1+854.370	1+854.370	000.00 m	000.00 m	40.772 m	4.114	-0.025 %
R	200 m	200 m	40.772 m	40.772 m	4.114	-0.025 %	
Δ	23° 02' 41"	23° 02' 41"	4.114	4.114	-0.025 %		
V	40 Km/h	40 Km/h	80.441 m	80.441 m			
Lc	80.441 m	80.441 m					



TYPE	RIGHT	Ls (l)	Ls (o)	Rs	Es	e	
HIP CH:	1+949.986	1+949.986	000.00 m	000.00 m	15.543 m	0.603	-0.025 %
R	200 m	200 m	15.543 m	15.543 m	0.603	-0.025 %	
Δ	08° 53' 15"	08° 53' 15"	0.603	0.603	-0.025 %		
V	40 Km/h	40 Km/h	31.023 m	31.023 m			
Lc	31.023 m	31.023 m					

REV.	DATE	DESCRIPTION OF REVISIONS	INITIALS

EMPLOYER	PROJECT	ROAD	PLAN AND PROFILE	PURPOSE	DRAWING NO.	DATE	REVISION
NANDED WAGHALA CITY MUNICIPAL CORPORATION	DPR FOR DEVELOPMENT OF NANDED CITY ROADS UNDER JNNURM	MUTHA CHOWK TO MAHAVEER CHOWK TO TOWER BARKI CHOWK TO DEGLOOR NAKA	CH: 1+500 TO CH: 2+000	FOR TENDER	2006069/RH/RD8/PP-004	23-06-2006	R0
CONSULTANT TO IITM				STATUS	DRAWN	CHECKED	APPROVED
THE CONSULTING ENGINEERING SERVICES (I) PVT. LTD MUMBAI				FOR APPROVAL	PRATIBHA	G.H.REDDY	DR. C.S.S.



LOW POINT ELEV = 356.903
 LOW POINT STA = 1+661.401
 PVI STA = 1+645.057
 PVI ELEV = 356.802
 A.D. = 1.922
 K = 31.215

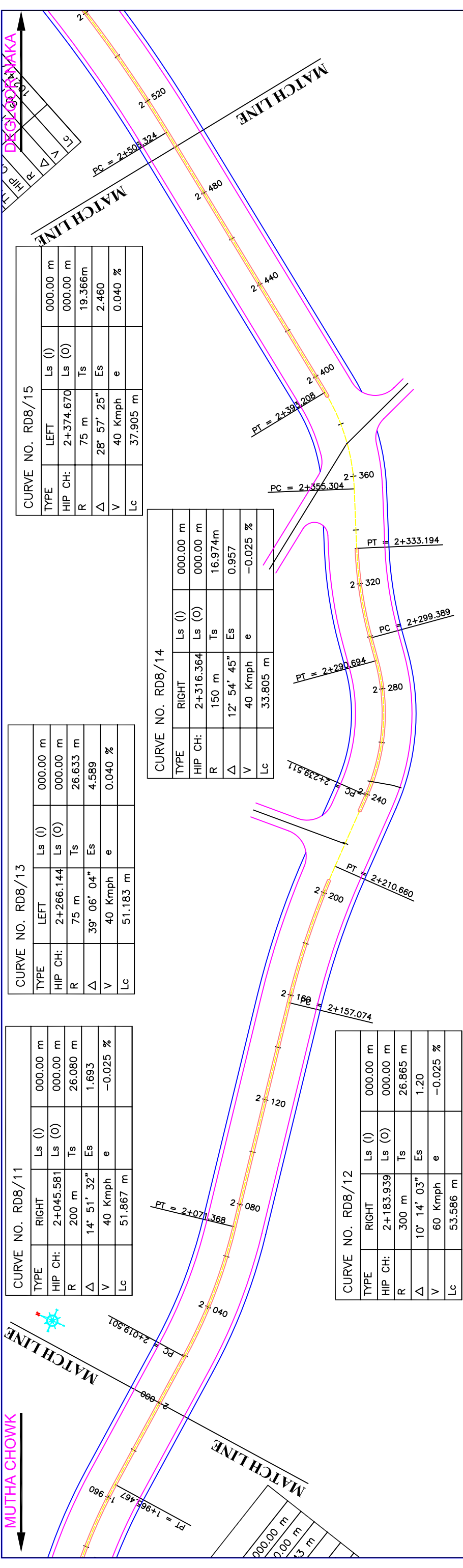
PVI STA = 1+779.980
 PVI ELEV = 357.392
 A.D. = -0.423
 K = 94.647

PVI STA = 1+899.960
 PVI ELEV = 357.410
 A.D. = 0.862
 K = 46.391

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MUTHA CHOWK

DEGLOR NAKA



CURVE NO. RD8/11

TYPE	RIGHT	LEFT	Ls (l)	Ls (o)	Ts	Es	e	Lc
HIP CH:	2+045.581	2+266.144	000.00 m	000.00 m	26.080 m	1.693	-0.025 %	
R	200 m	75 m			40 Km/h			
Δ	14' 51' 32"	39' 06' 04"						
V	40 Km/h	40 Km/h						
Lc	51.867 m	51.183 m						

CURVE NO. RD8/13

TYPE	RIGHT	LEFT	Ls (l)	Ls (o)	Ts	Es	e	Lc
HIP CH:	2+045.581	2+266.144	000.00 m	000.00 m	26.633 m	4.589	0.040 %	
R	200 m	75 m			40 Km/h			
Δ	14' 51' 32"	39' 06' 04"						
V	40 Km/h	40 Km/h						
Lc	51.867 m	51.183 m						

CURVE NO. RD8/15

TYPE	RIGHT	LEFT	Ls (l)	Ls (o)	Ts	Es	e	Lc
HIP CH:	2+045.581	2+374.670	000.00 m	000.00 m	19.366m	2.460	0.040 %	
R	200 m	75 m			40 Km/h			
Δ	14' 51' 32"	28' 57' 25"						
V	40 Km/h	40 Km/h						
Lc	53.586 m	37.905 m						

CURVE NO. RD8/14

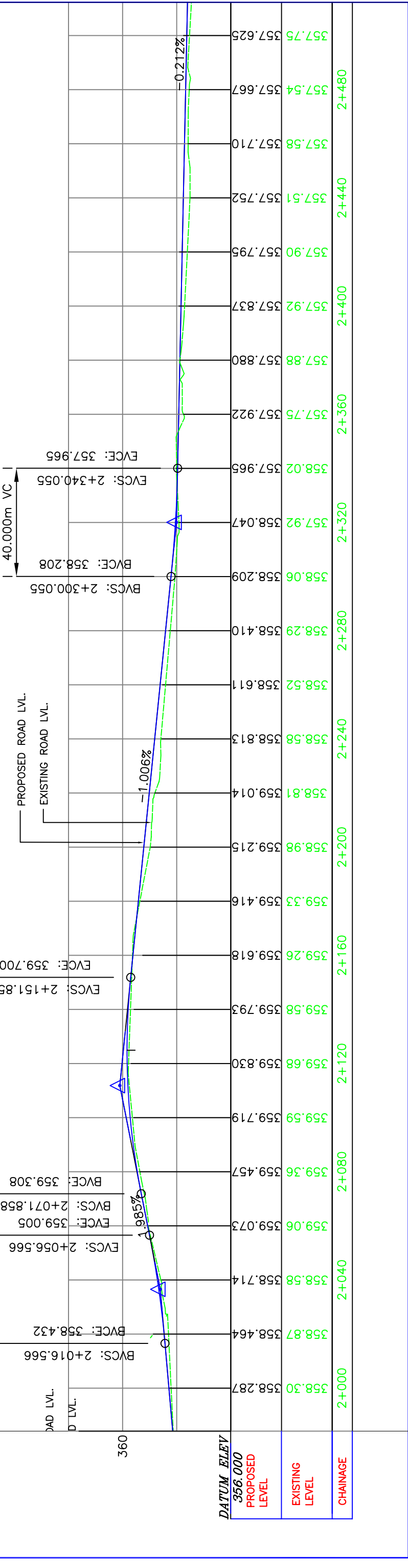
TYPE	RIGHT	LEFT	Ls (l)	Ls (o)	Ts	Es	e	Lc
HIP CH:	2+316.364	2+316.364	000.00 m	000.00 m	16.974m	0.957	-0.025 %	
R	150 m	150 m			40 Km/h			
Δ	12' 54' 45"	12' 54' 45"						
V	40 Km/h	40 Km/h						
Lc	33.805 m	33.805 m						

CURVE NO. RD8/12

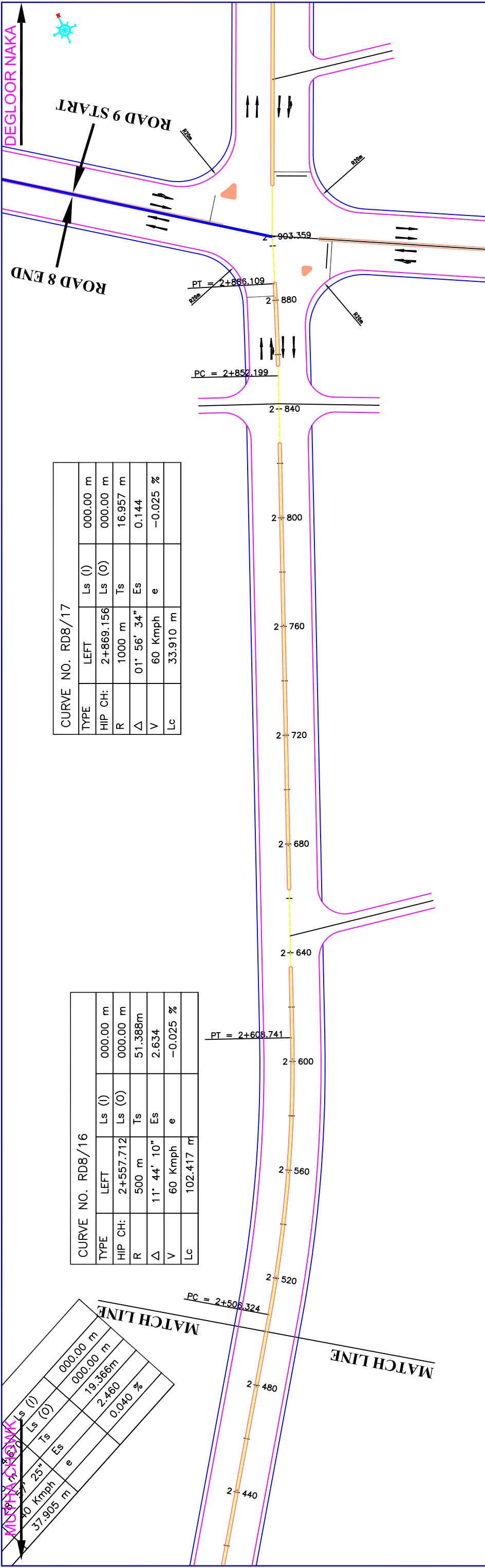
TYPE	RIGHT	LEFT	Ls (l)	Ls (o)	Ts	Es	e	Lc
HIP CH:	2+183.939	2+183.939	000.00 m	000.00 m	26.865 m	1.20	-0.025 %	
R	300 m	300 m			60 Km/h			
Δ	10' 14' 03"	10' 14' 03"						
V	60 Km/h	60 Km/h						
Lc	53.586 m	53.586 m						

HIGH POINT ELEV = 359.835
 HIGH POINT STA = 2+124.942
 PVI STA = 2+111.858
 PVI ELEV = 360.102
 A.D. = -2.991
 K = 26.749
 80.000m VC

HIGH POINT ELEV = 358.055
 HIGH POINT STA = 2+320.055
 PVI STA = 2+300.055
 PVI ELEV = 358.208
 A.D. = 0.794
 K = 50.379
 40.000m VC



REV.	DATE	DESCRIPTION OF REVISIONS	INITIALS	EMPLOYER	PROJECT	ROAD	PLAN AND PROFILE	PURPOSE	DRAWING NO.	DATE	REVISION
				EMPLOYER	PROJECT	ROAD	PLAN AND PROFILE	PURPOSE	DRAWING NO.	DATE	REVISION
				CONSULTANT TO IITM	DPR FOR DEVELOPMENT OF NANDED CITY ROADS UNDER JNNURM	MUTHA CHOWK TO MAHAVEER CHOWK TO TOWER BARKI CHOWK TO DEGLOR NAKA	CH: 2+000 TO CH: 2+500	FOR TENDER	2006069/RH/RD8/PP-005	23-06-2006	R0
				HE CONSULTING ENGINEERING SERVICES (I) PVT. LTD				STATUS	DESIGN	CHECKED	APPROVED
				MUMBAI	KOLKATA			FOR APPROVAL	PRATIBHA	A.D.A.	G.H.REDDY
				NEW DELHI				FOR APPROVAL			DR. C.S.S.



CURVE NO. RD8/17

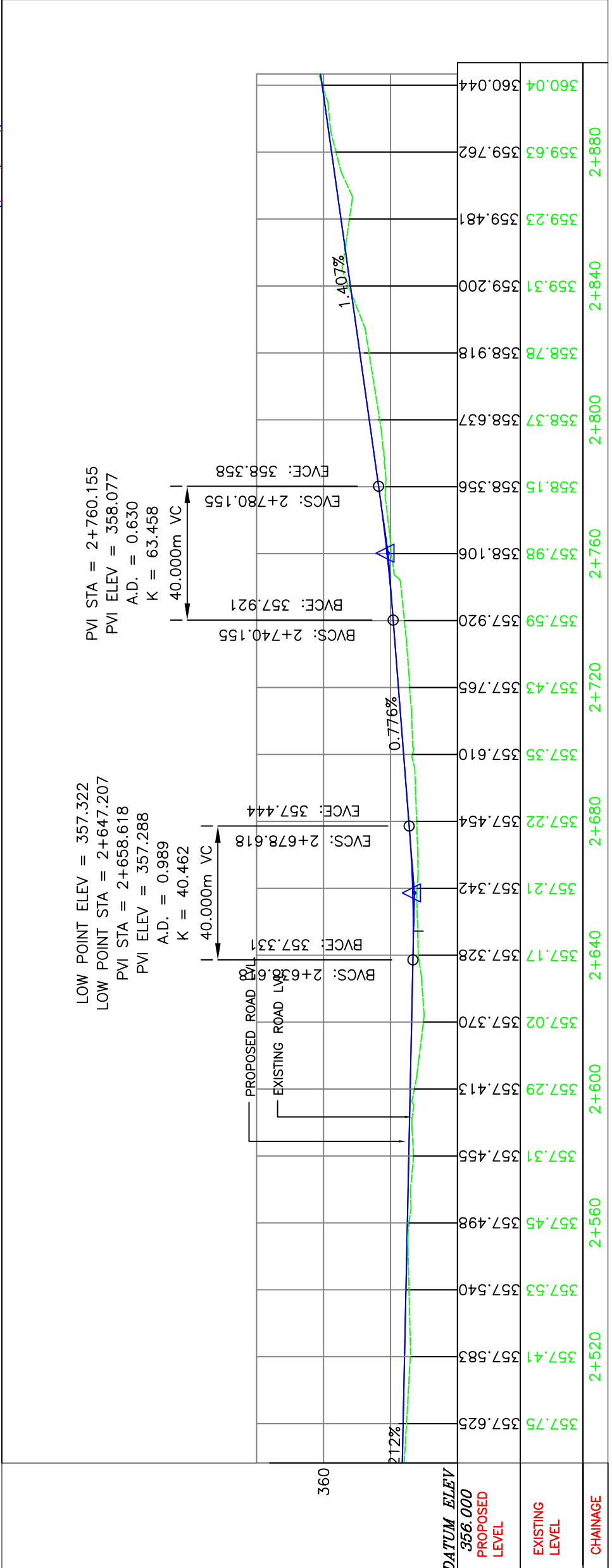
TYPE	LEFT	Ls (l)	Ls (o)	000.00 m
HIP CH:	2+869.156	Ls (O)	000.00 m	
R	1000 m	Ts	16.957 m	
Δ	01° 56' 34"	Es	0.144	
V	60 Km/h	e	-0.025 %	
Lc	33.910 m			

CURVE NO. RDB/16

TYPE	LEFT	Ls (l)	Ls (o)	000.00 m
HIP CH:	2+557.712	Ls (O)	000.00 m	
R	500 m	Ts	51.388m	
Δ	11° 44' 10"	Es	2.634	
V	60 Km/h	e	-0.025 %	
Lc	102.417 m			

MATCHLINE

TYPE	LEFT	Ls (l)	Ls (o)	000.00 m
HIP CH:	2+557.712	Ls (O)	000.00 m	
R	500 m	Ts	51.388m	
Δ	11° 44' 10"	Es	2.634	
V	60 Km/h	e	-0.025 %	
Lc	102.417 m			



LOW POINT ELEV = 357.322
 LOW POINT STA = 2+647.207
 PVI STA = 2+658.618
 PVI ELEV = 357.288
 A.D. = 0.989
 K = 40.462

PVI STA = 2+760.155
 PVI ELEV = 358.077
 A.D. = 0.630
 K = 63.458

DATUM ELEV	PROPOSED LEVEL	EXISTING LEVEL	CHAINAGE
356.000	357.75	357.75	2+520
357.41	357.583	357.41	2+520
357.53	357.540	357.53	2+560
357.45	357.498	357.45	2+560
357.31	357.455	357.31	2+600
357.02	357.370	357.02	2+640
357.17	357.328	357.17	2+640
357.22	357.454	357.22	2+680
357.35	357.610	357.35	2+720
357.43	357.765	357.43	2+720
357.59	357.920	357.59	2+760
357.98	358.106	357.98	2+760
358.15	358.356	358.15	2+800
358.37	358.637	358.37	2+800
358.78	358.918	358.78	2+840
359.31	359.200	359.31	2+840
359.23	359.481	359.23	2+880
359.63	359.762	359.63	2+880
360.04	360.044	360.04	2+920

REVISION	DATE	CHECKED	APPROVED
R0	23-06-2006	G.H.REDDY	DR. C.S.S.

DRAWING NO.	2006069/RH/RD8/PP-006
PURPOSE	FOR TENDER
PLAN AND PROFILE	CH: 2+500 TO CH: 2+903.359
SCALE	HORZ. : 1:1000 VERT. : 1:100
DESIGN	A.D.A.
DRAWN	PRATIBHA
STATUS	FOR APPROVAL

EMPLOYER	NANDED WAGHALA CITY MUNICIPAL CORPORATION
PROJECT	DPR FOR DEVELOPMENT OF NANDED CITY ROADS UNDER JNNURM
CONSULTANT TO ITRM	THE CONSULTING ENGINEERING SERVICES (I) PVT. LTD
OFFICE	MUMBAI NEW DELHI KOLKATA

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