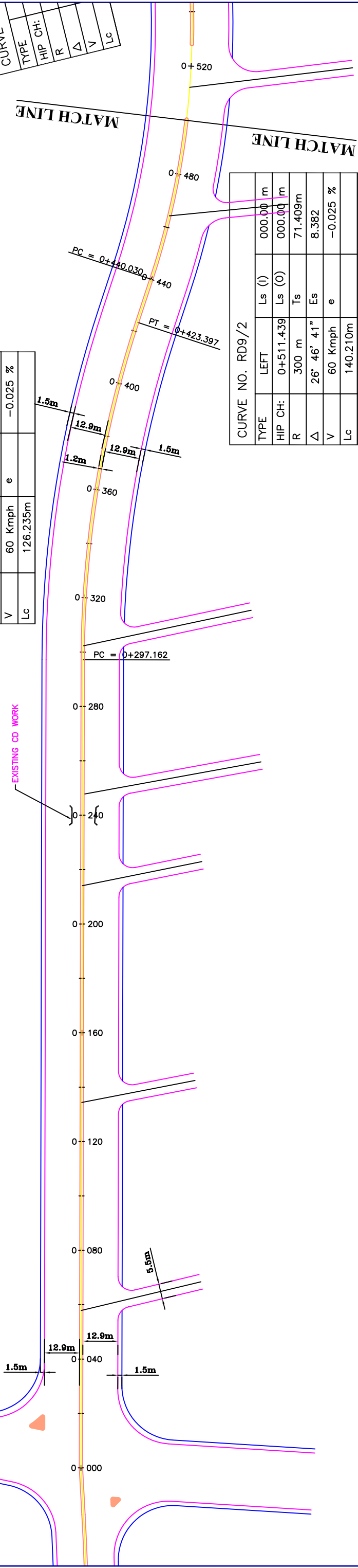


DEGLOOR/NAKA

HINGOLI ROAD

CURVE NO. RD9/1		RIGHT	LS (l)	000.00 m
TYPE				
HIP CH:	0+360.808	LS (O)	000.00 m	
R	400 m	Ts	63.647m	
Δ	18° 04' 55"	Es	5.032	
V	60 Kmph	e	-0.025 %	
Lc	126.235m			

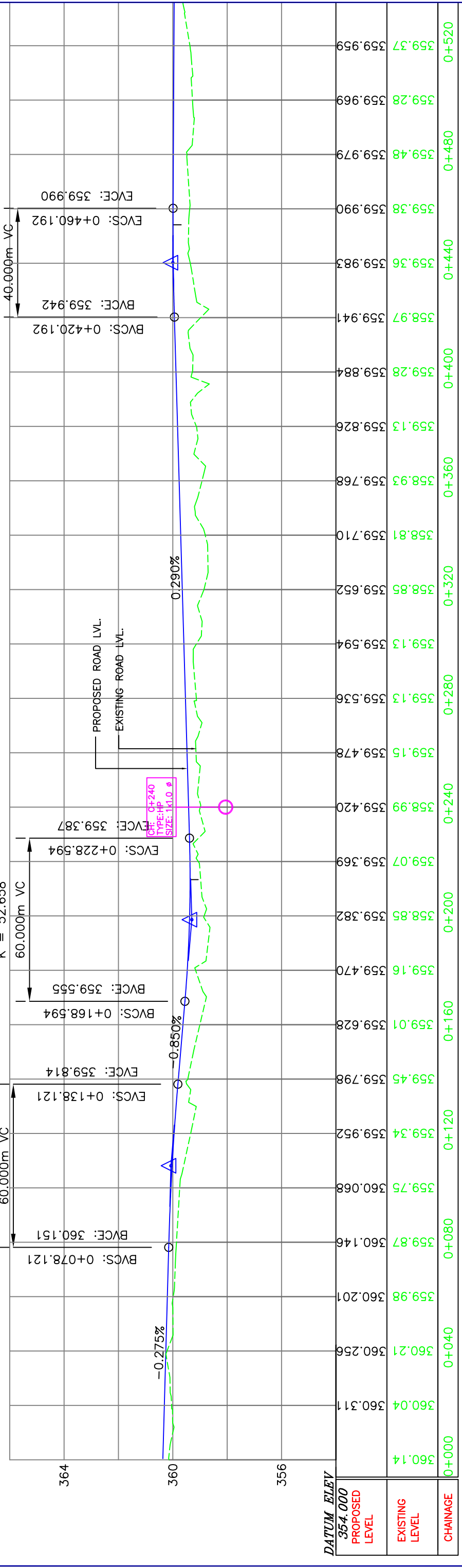


CURVE NO. RD9/2		LEFT	LS (l)	000.00 m
TYPE				
HIP CH:	0+511.439	LS (O)	000.00 m	
R	300 m	Ts	71.409m	
Δ	26° 46' 41"	Es	8.382	
V	60 Kmph	e	-0.025 %	
Lc	140.210m			

HIGH POINT ELEV = 359.991
 HIGH POINT STA = 0+454.133
 PVI STA = 0+440.192
 PVI ELEV = 360.000
 A.D. = -0.341
 K = 117.141

LOW POINT ELEV = 359.365
 LOW POINT STA = 0+213.338
 PVI STA = 0+198.594
 PVI ELEV = 359.300
 A.D. = 1.139
 K = 52.658

PVI STA = 0+108.121
 PVI ELEV = 360.069
 A.D. = -0.575
 K = 104.400



REV.	DATE	DESCRIPTION OF REVISIONS	INITIALS

EMPLOYER	PROJECT	ROAD	SCALE	FOR TENDER	STATUS	FOR APPROVAL	DATE	REVISION
NANDED WAGHALA CITY MUNICIPAL CORPORATION CONSULTANT TO IITM HE CONSULTING ENGINEERING SERVICES (P) PVT. LTD MUMBAI	DPR FOR DEVELOPMENT OF NANDED CITY ROADS UNDER JNNURM	DEGLOOR NAKA (WITHOUT ROBB) MALTEKDI RAILWAY STATION TO HINGOLI ROAD	HORIZ. - 1:1000 VERT. - 1:100	2006069/RH/RD9/PP-001	DESIGN CHECKED APPROVED	PRATIBHA A.D.A.	23-06-2006	R0

DATUM ELEV	PROPOSED LEVEL	EXISTING LEVEL	CHAINAGE
360.04	360.21	360.14	0+000
360.146	359.87	359.98	0+040
360.201	359.98	360.201	0+080
359.75	359.75	360.068	0+120
359.34	359.34	359.952	0+160
359.01	359.01	359.628	0+200
359.16	359.16	359.470	0+240
359.07	359.07	359.369	0+280
358.85	358.85	359.478	0+320
358.81	358.81	359.710	0+360
359.13	359.13	359.652	0+400
359.97	358.97	359.884	0+440
359.36	359.36	359.941	0+480
359.38	359.38	359.990	0+520

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 CONSULTANT TO IITM
 HE CONSULTING ENGINEERING SERVICES (P) PVT. LTD
 MUMBAI

DEGLOOR NAKA

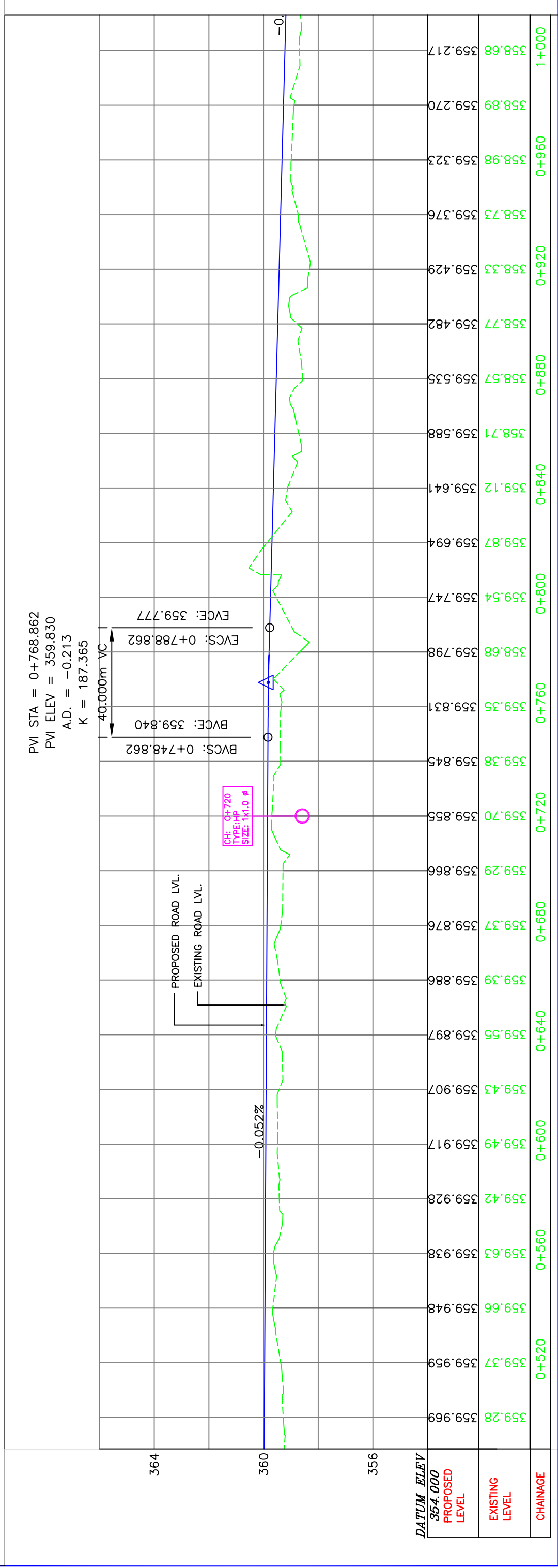
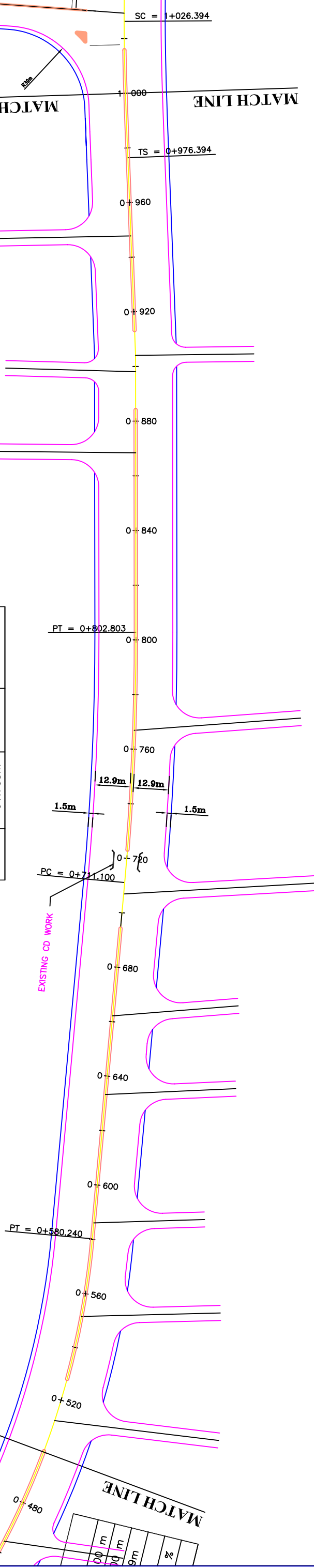
HINGOLI ROAD

CURVE NO. RD9/2

TYPE	LEFT	Ls (l)	Ls (o)	000.00 m
HIP CH:	0+511.439	Ls (O)	000.00 m	
R	300 m	Ts	71.409m	
Δ	26° 46' 41"	Es	8.382	
V	60 Km/h	e	-0.025 %	
Lc	140.210m			

CURVE NO. RD9/3

TYPE	LEFT	Ls (l)	Ls (o)	000.00 m
HIP CH:	0+756.984	Ls (O)	000.00 m	
R	1000 m	Ts	45.884m	
Δ	05° 15' 15"	Es	1.052	
V	60 Km/h	e	-0.025 %	
Lc	91.703m			



REV.	DATE	DESCRIPTION OF REVISIONS	INITIALS

EMPLOYER	PROJECT	ROAD	REVISION
NANDED WAGHALA CITY MUNICIPAL CORPORATION	DPR FOR DEVELOPMENT OF NANDED CITY ROADS UNDER JNNURM	DEGLOOR NAKA (WITHOUT ROBB) MALTEKDI RAILWAY STATION TO HINGOLI ROAD	R0
CONSULTANT TO IITM			CHECKED
THE CONSULTING ENGINEERING SERVICES (I) PVT. LTD MUMBAI			APPROVED

DATE	FOR TENDER	FOR APPROVAL	DATE	REVISION
23-06-2006	2006069/RH/RD9/PP-002	FOR APPROVAL	23-06-2006	R0

SCALE	HORZ.	VERT.	STATUS	DESIGN	DRAWN	DRAWING NO.	PURPOSE
1:1000	1:1000	1:100	STATUS	DESIGN	DRAWN	2006069/RH/RD9/PP-002	FOR TENDER

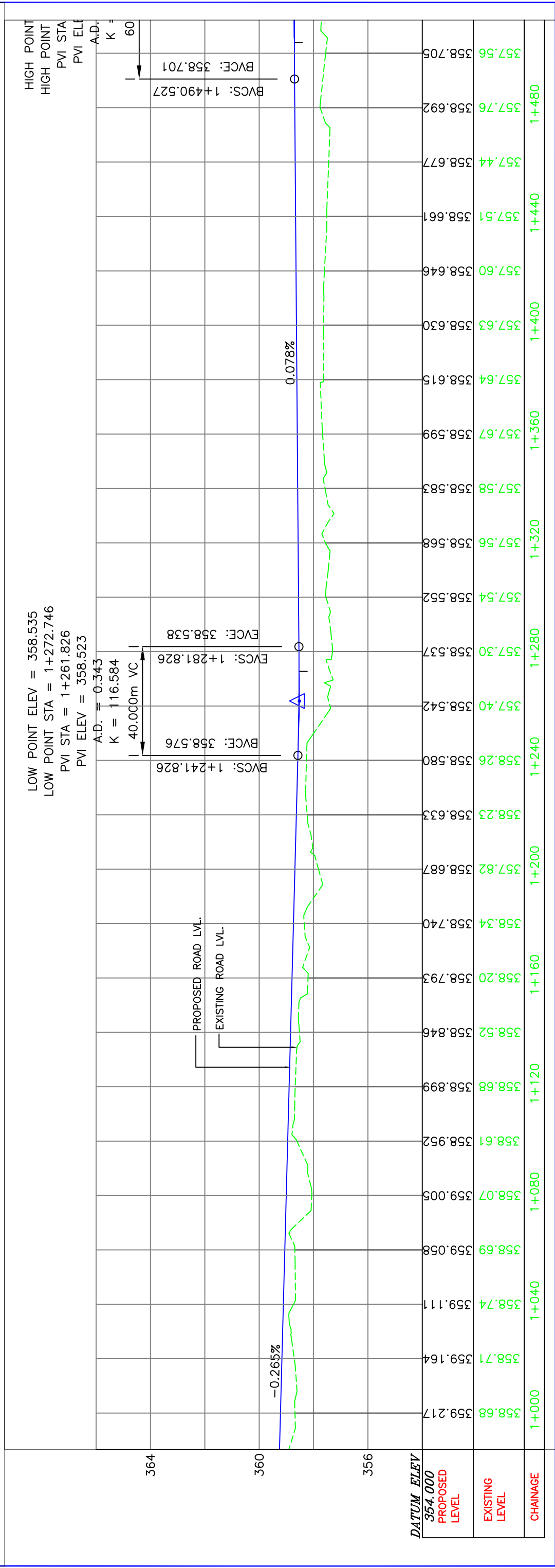
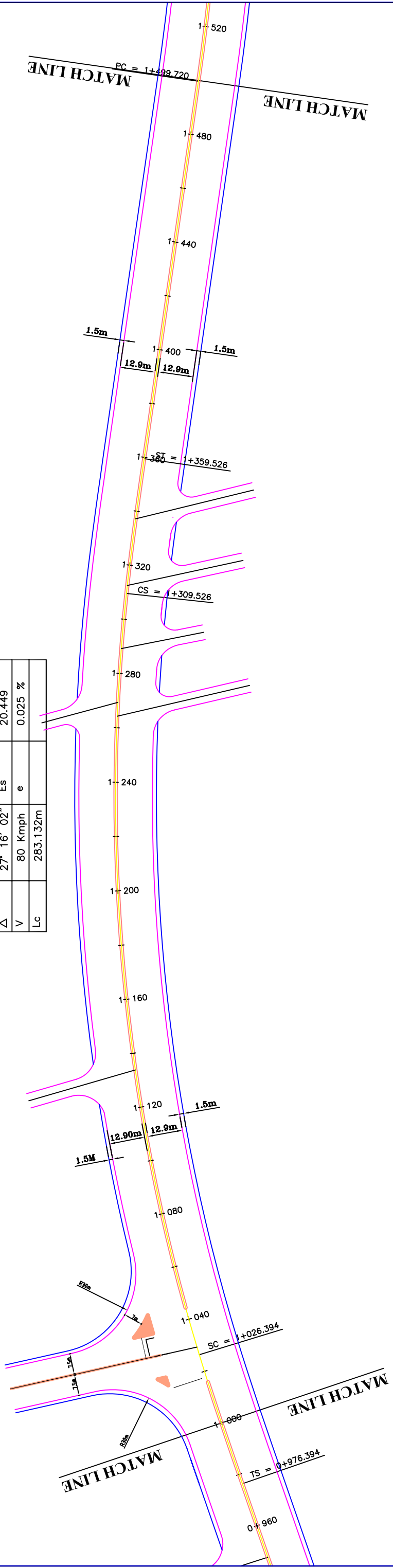
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DR. C.S.S. G.H.REDDY

DEGLOOR NAKA

HINGOLI ROAD

CURVE NO. RD9/4			
TYPE	RIGHT	Ls (l)	50.00 m
HIP CH:	1+171.212	Ls (O)	50.00 m
R	700 m	Ts	143.528m
Δ	27° 16' 02"	Es	20.449
V	80 Km/h	e	0.025 %
Lc	283.132m		



REV.	DATE	DESCRIPTION OF REVISIONS	INITIALS

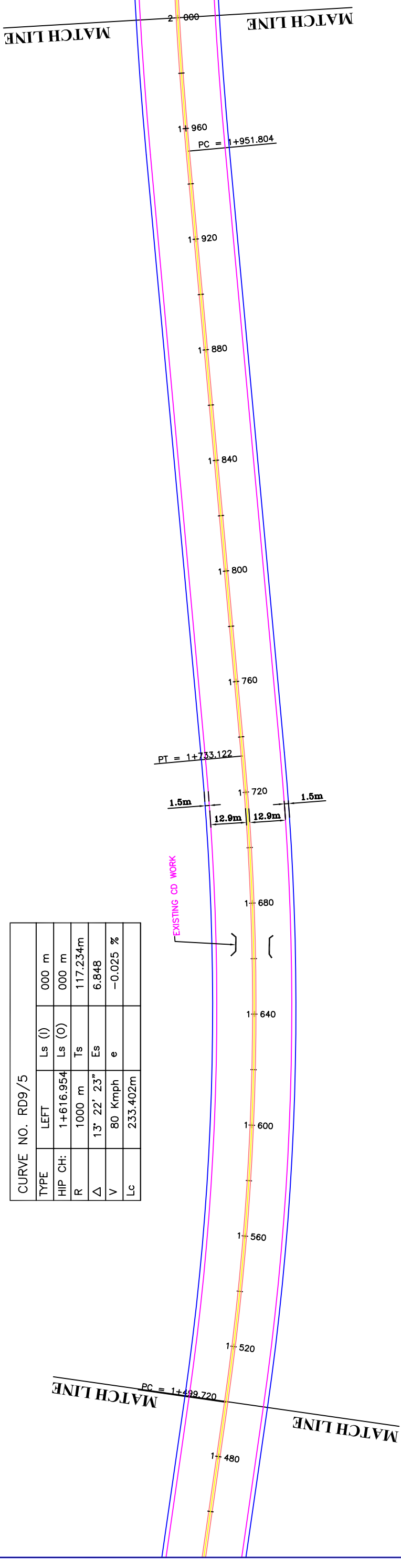
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EMPLOYER	PROJECT	ROAD	SCALE	PLAN AND PROFILE	PURPOSE	DRAWING NO.	DATE	REVISION
NANEED WAGHALA CITY MUNICIPAL CORPORATION CONSULTANT TO ITM CONSULTING ENGINEERING SERVICES (I) PVT. LTD MUMBAI NEW DELHI KOLKATA	DPR FOR DEVELOPMENT OF NANDED CITY ROADS UNDER JNNURM	DEGLOOR NAKA (WITHOUT ROBB) MALTEKDI RAILWAY STATION) TO HINGOLI ROAD	HORZ. : 1:1000 VERT. : 1:100	FOR TENDER FOR APPROVAL	2006069/RH/RD9/PP-003 2006069/RH/RD9/PP-003	23-06-2006	CHECKED APPROVED	G.H.REDDY DR. C.S.S.

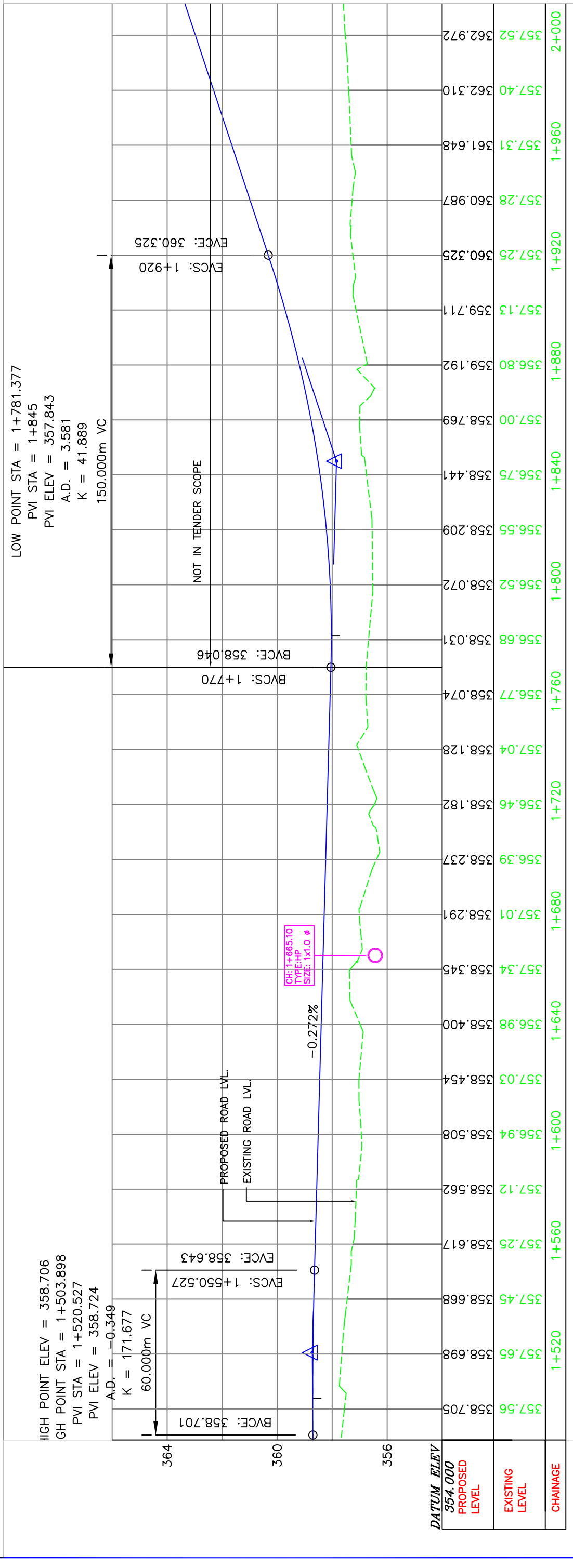
DEGLOOR NAKA

HINGOLI ROAD

CURVE NO. RD9/5					
TYPE	LEFT	RIGHT	LS (l)	LS (r)	000 m
HIP CH:	1+616.954		1000 m	117.234m	000 m
R	13° 22' 23"		Es	6.848	
V	80 Km/h		e	-0.025 %	
Lc	233.402m				



NOTE : ROB CUM APPROACHES FROM CH.1+770 TO 2+797 IS NOT IN TENDER SCOPE.



REV.	DATE	DESCRIPTION OF REVISIONS	INITIALS

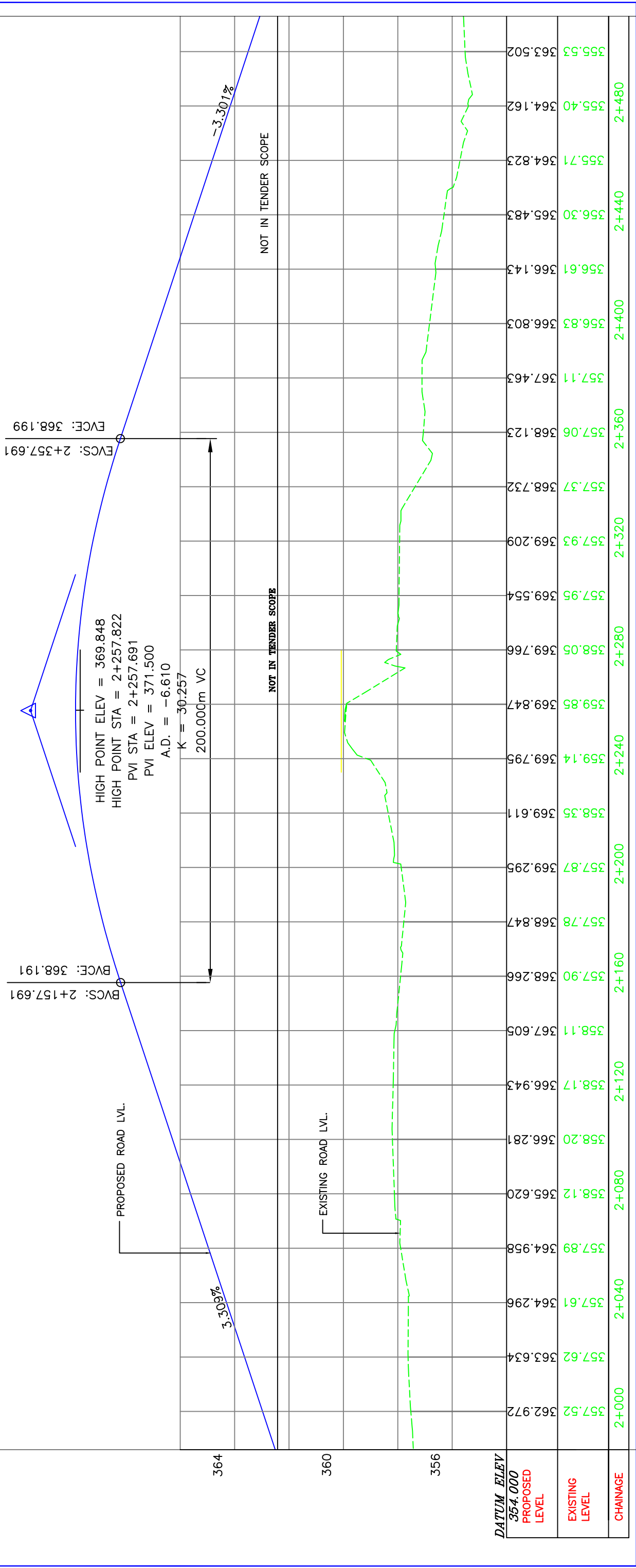
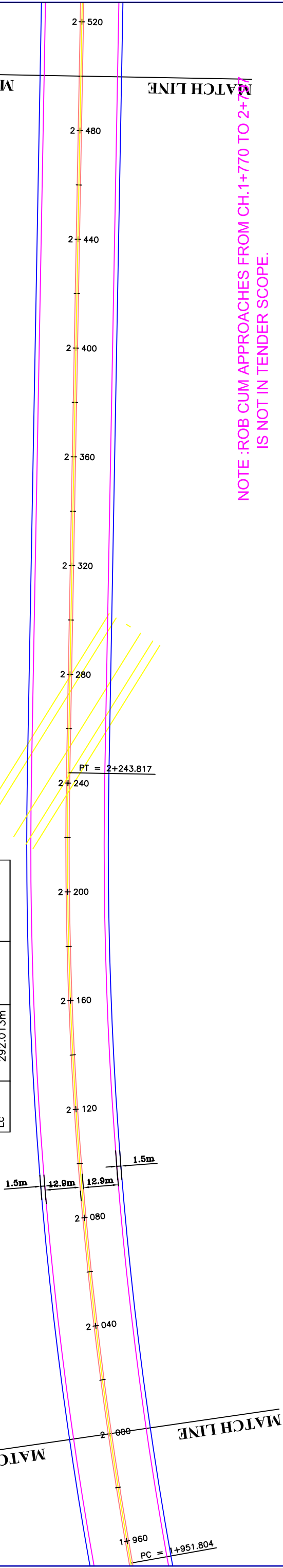
EMPLOYER	PROJECT	ROAD	PLAN AND PROFILE	PURPOSE	DRAWING NO.	DATE	REVISION
NANDED WAGHALA CITY MUNICIPAL CORPORATION CONSULTANT TO IITM HE CONSULTING ENGINEERING SERVICES (I) PVT. LTD MUMBAI	DPR FOR DEVELOPMENT OF NANDED CITY ROADS UNDER JNNURM	DEGLOOR NAKA (WITHOUT ROB) MALTEKDI RAILWAY STATION TO HINGOLI ROAD	CH: 1+500 TO CH: 2+000 SCALE HORZ. : 1:1000 VERT. : 1:100	FOR TENDER	2006069/RH/RD9/PP-004	23-06-2006	R0
				STATUS	DRAWN	CHECKED	APPROVED
				FOR APPROVAL	PRATIBHA	A.D.A.	G.H.REDDY DR. C.S.S.

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DEGLOOR NAKA

HINGOLI ROAD

CURVE NO. RD9/6				
TYPE	LEFT	LS (l)	LS (o)	000 m
HIP CH:	2+098.273	1500 m	146.469m	000 m
R	11° 09' 15"	80 Km/h	7.134	
Δ	292.013m		-0.025 %	
Lc				



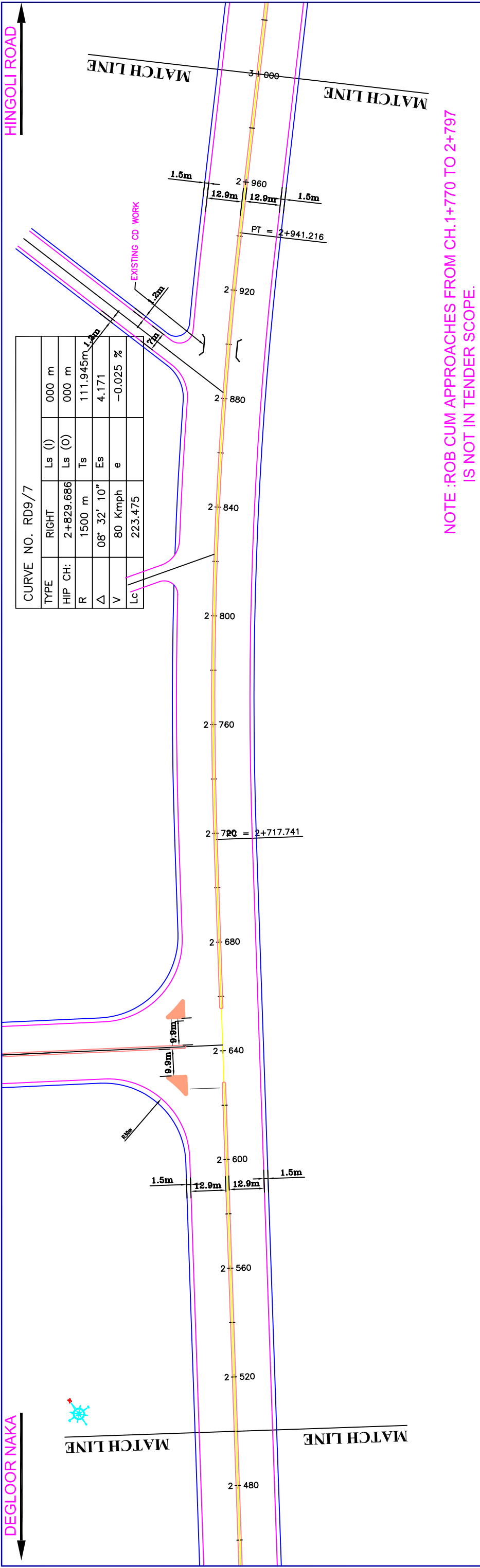
REV.	DATE	DESCRIPTION OF REVISIONS	INITIALS	NOTICE:		EMPLOYER	PROJECT	ROAD	PLAN AND PROFILE		PURPOSE	DRAWING NO.	DATE	REVISION
				FOR TENDER	FOR APPROVAL				SCALE	STATUS				
					THIS DRAWING HAS NOT BEEN PUBLISHED AND IS THE SOLE PROPERTY OF CONSULTING ENGINEERING SERVICES (I) PVT. LTD. AND IS ISSUED TO THE PARTY FOR THE SPECIFIC PURPOSE AS COVERED LIST OF OTHERS. ANY REVISIONS TO BE MADE, CORRECTLY MARKED FOR ANY OTHER PURPOSE OTHER THAN FOR WHICH IT IS FURNISHED.	HE CONSULTANT TO IITM	DPR FOR DEVELOPMENT OF NANDED CITY ROADS UNDER JNNURM	DEGLOOR NAKA (WITHOUT ROB) MALTEKDI RAILWAY STATION) TO HINGOLI ROAD	2006069/RH/RD9/PP-005	FOR TENDER	2006069/RH/RD9/PP-005	23-06-2006	R0	
						HE CONSULTING ENGINEERING SERVICES (I) PVT. LTD MUMBAI				FOR APPROVAL				APPROVED
						NEW DELHI								DR. C.S.S.
						KOLKATA								G.H.REDDY
														A.D.A.
														PRATIBHA

DATUM ELEV	PROPOSED LEVEL	EXISTING LEVEL	CHAINAGE
362.972	357.52	357.52	2+000
363.634	357.62	357.62	2+040
364.296	357.61	357.61	2+040
364.958	357.89	357.89	2+040
365.620	358.12	358.12	2+080
366.281	358.20	358.20	2+080
366.943	358.17	358.17	2+120
367.605	358.11	358.11	2+160
368.266	357.90	357.90	2+160
368.847	357.78	357.78	2+200
369.295	357.87	357.87	2+200
369.611	358.35	358.35	2+240
369.795	359.14	359.14	2+240
369.847	359.85	359.85	2+280
369.766	358.05	358.05	2+280
369.554	357.95	357.95	2+320
369.209	357.93	357.93	2+320
368.732	357.37	357.37	2+360
368.123	357.06	357.06	2+360
367.463	357.11	357.11	2+400
366.803	356.83	356.83	2+400
366.143	356.61	356.61	2+440
365.483	356.30	356.30	2+440
364.823	355.71	355.71	2+480
364.162	355.40	355.40	2+480
363.502	355.53	355.53	2+520

DEGLOOR NAKA

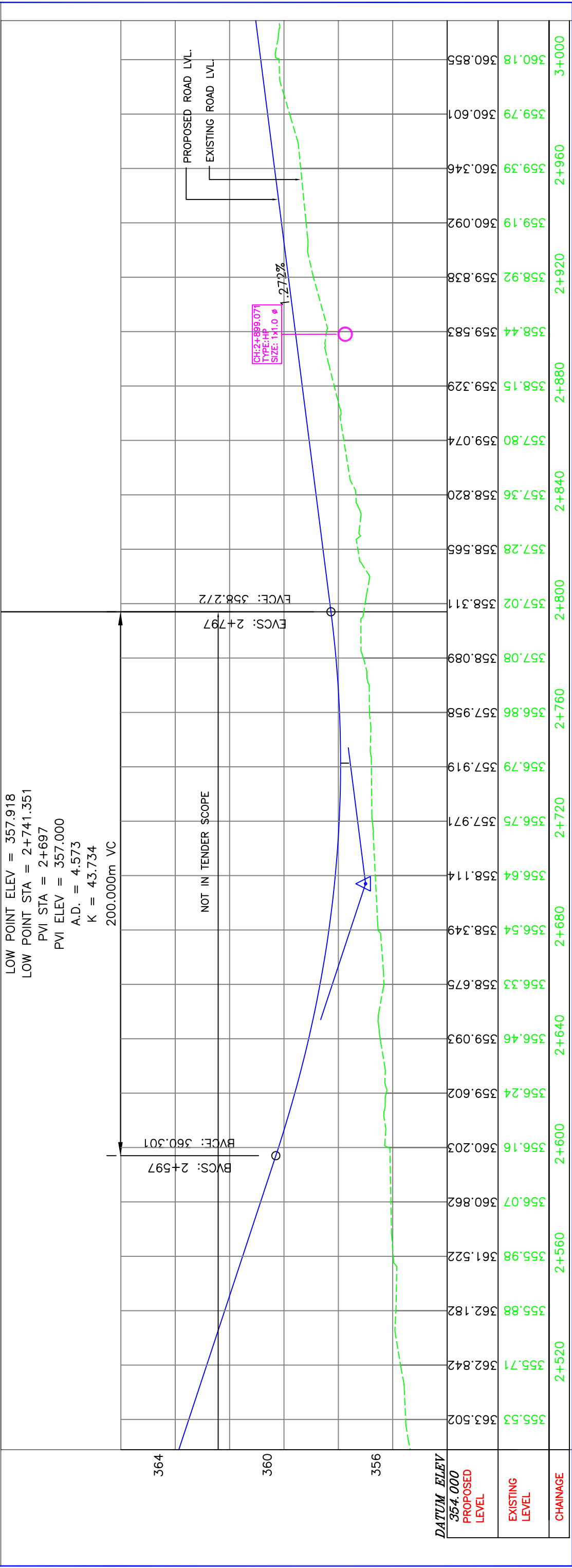
HINGOLI ROAD

CURVE NO. RD9/7		Ls (l)		Ls (o)		Ts		Es		e	
TYPE	RIGHT	2+829.686	000 m	2+829.686	000 m	1500 m	111.945m	08° 32' 10"	4.171	80 Kmph	-0.025 %
HIP CH:											
R											
Δ											
V											
Lc											



NOTE :ROB CUM APPROACHES FROM CH.1+770 TO 2+797 IS NOT IN TENDER SCOPE.

LOW POINT ELEV = 357.918
 LOW POINT STA = 2+741.351
 PVI STA = 2+697
 PVI ELEV = 357.000
 A.D. = 4.573
 K = 43.734
 200.000m VC



REV.	DATE	DESCRIPTION OF REVISIONS	INITIALS

EMPLOYER		PROJECT		ROAD		PLAN AND PROFILE		DRAWING NO.		DATE		REVISION	
NANDED WAGHALA CITY MUNICIPAL CORPORATION		DPR FOR DEVELOPMENT OF NANDED CITY ROADS UNDER JNNURM		DEGLOOR NAKA (WITHOUT ROB) MALTEKDI RAILWAY STATION TO HINGOLI ROAD		CH: 2+500 TO CH: 3+000		2006069/RH/RD9/PP-006		23-06-2006		R0	
CONSULTANT TO IITM		HE CONSULTING ENGINEERING SERVICES (I) PVT. LTD		KOLKATA		SCALE		DESIGN		CHECKED		APPROVED	
MUMBAI		NEW DELHI		KOLKATA		HORIZ. - 1:1000 VERT. - 1:100		A.D.A.		G.H.REDDY		DR. C.S.S.	

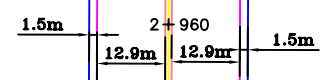
DEGLOOR NAKA

HINGOLI ROAD

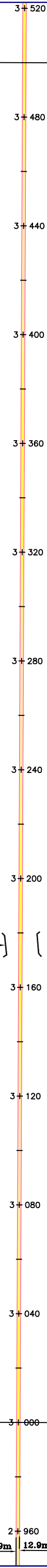


MATCH LINE

MATCH LINE



EXISTING CD WORK



HIGH POINT ELEV = 365.945
 HIGH POINT STA = 3+431.101
 PVI STA = 3+443.167
 PVI ELEV = 366.500
 A.D. = -3.036
 K = 49.404
 150.000m VC

BVC: 3+368.167
 BVC: 365.545

PVI STA = 3+058.589
 PVI ELEV = 361.601
 A.D. = 0.001
 K = 27534.372
 40.000m VC

BVC: 3+038.589
 BVC: 361.346
 EVC: 3+078.589
 EVC: 361.856

ROAD LVL.
 AD LVL.

PROPOSED ROAD LVL.
 EXISTING ROAD LVL.

CH3+176.176
 TYPE:HP
 SIZE:1400

DATUM ELEV	PROPOSED LEVEL	EXISTING LEVEL	CHAINAGE
354.000			
360.855	360.26	360.18	3+000
361.110	360.48	360.48	3+040
361.364	360.77	360.61	3+080
361.874	361.08	361.20	3+120
362.128	361.28	361.28	3+160
362.383	361.47	361.47	3+200
362.537	361.72	361.72	3+240
362.691	362.01	362.01	3+280
362.845	362.31	362.31	3+320
362.999	362.64	362.64	3+360
363.153	362.92	362.92	3+400
363.307	363.12	363.12	3+440
363.461	363.38	363.38	3+480
363.615	363.81	363.81	3+520

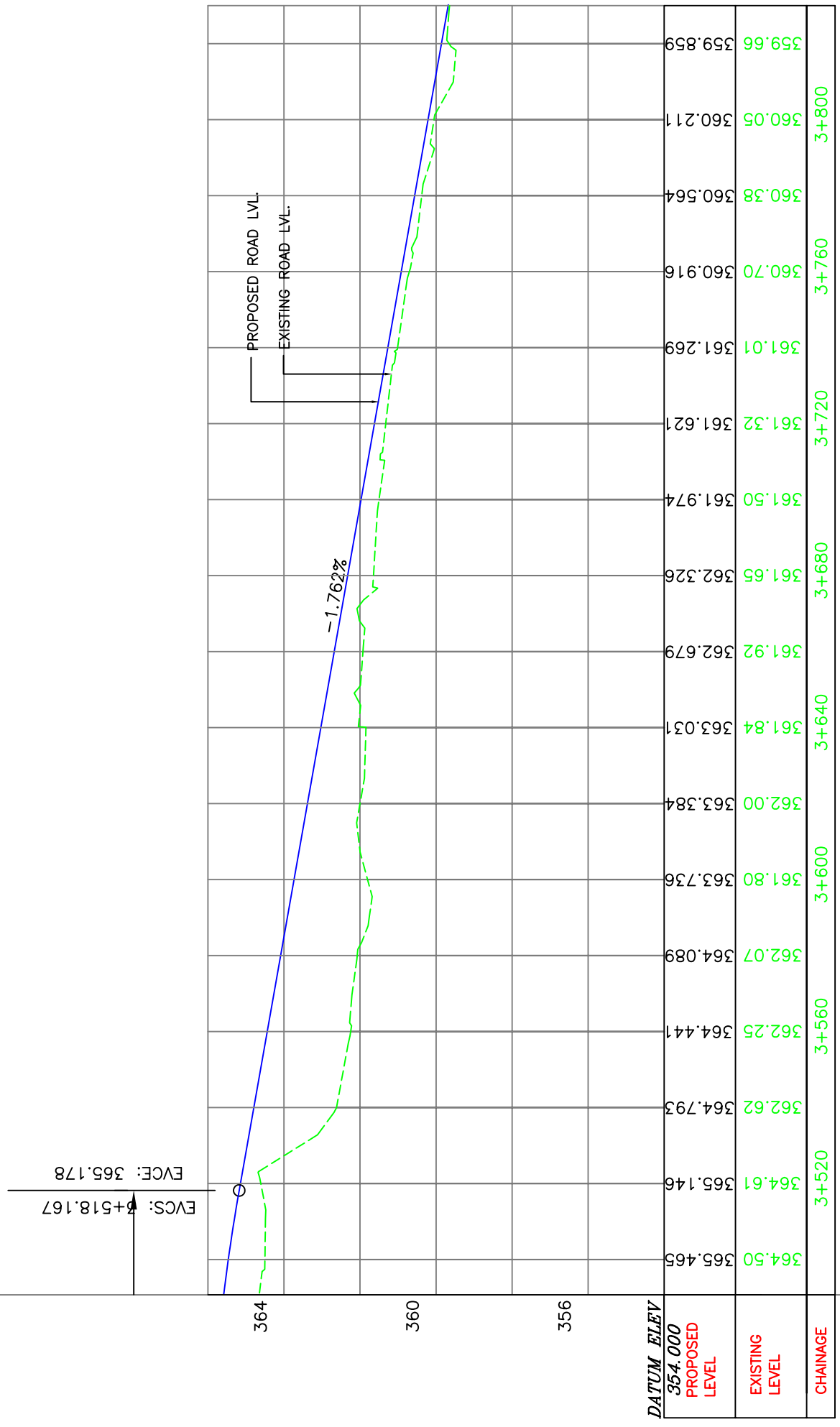
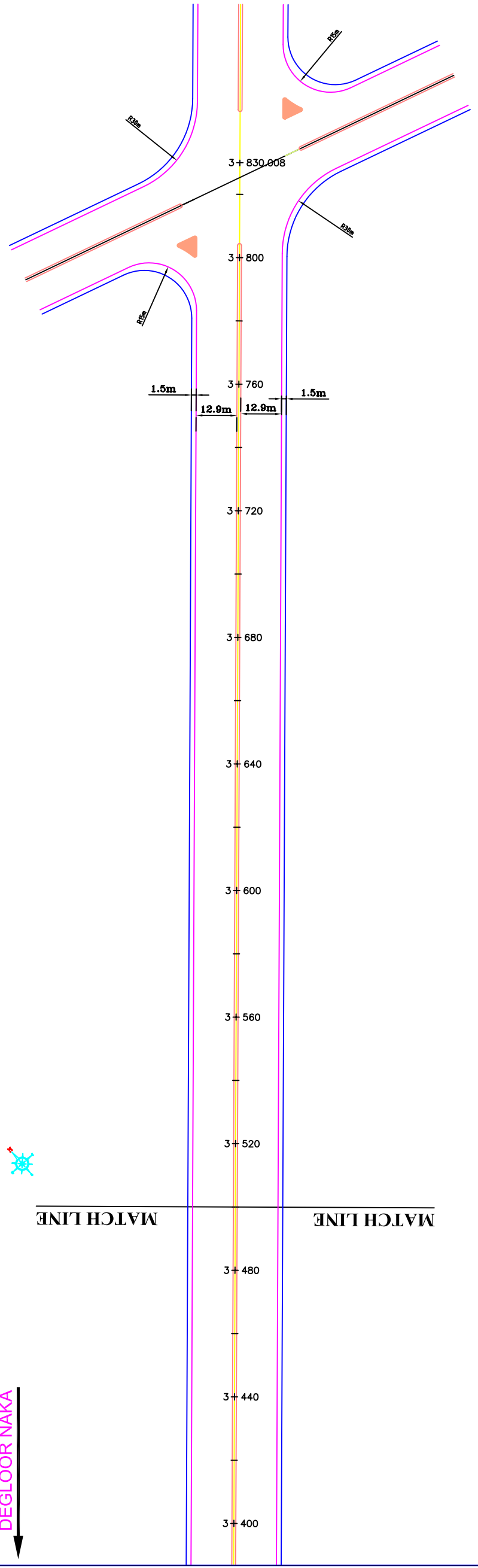
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REV.	DATE	DESCRIPTION OF REVISIONS	INITIALS

EMPLOYER: NANDED WAGHALA CITY MUNICIPAL CORPORATION
 CONSULTANT TO IITM: CONSULTING ENGINEERING SERVICES (I) PVT. LTD. MUMBAI
 PROJECT: DPR FOR DEVELOPMENT OF NANDED CITY ROADS UNDER JNNURM
 ROAD: DEGLOOR NAKA (WITHOUT ROBB) MALTEKDI RAILWAY STATION TO HINGOLI ROAD
 PLAN AND PROFILE: CH: 3+000 TO CH: 3+500
 SCALE: HORZ. - 1:1000, VERT. - 1:100
 PURPOSE: FOR TENDER
 DRAWING NO.: 2006069/RH/RD9/PP-007
 DATE: 23-06-2006
 REVISION: R0 APPROVED
 CHECKED: G.H.REDDY
 DESIGN: A.D.A.
 DRAWN: PRATIBHA
 FOR APPROVAL: DR. C.S.S.

DEGLOOR NAKA

HINGOLI ROAD



EVS: 5+518.167
 EVCE: 365.178

CHAINAGE	EXISTING LEVEL	PROPOSED LEVEL
364.50	364.50	365.146
364.61	364.61	364.793
364.73	362.62	364.441
364.89	362.07	364.089
365.00	361.80	363.736
365.384	362.00	363.384
365.640	361.84	363.031
365.920	361.92	362.679
366.326	361.65	362.326
366.974	361.50	361.974
367.210	361.32	361.621
367.269	361.01	361.269
367.916	360.70	360.916
368.564	360.38	360.564
369.211	360.05	360.211
369.859	359.66	359.859

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	CONSULTANT TO IITM	HE CONSULTING ENGINEERING SERVICES (I) PVT. LTD			NEW DELHI					STATUS	FOR APPROVAL	DRAWN	PRATIBHA	CHECKED	G.H.REDDY	APPROVED	DR. C.S.S.
REV.	DATE	DESCRIPTION OF REVISIONS	INITIALS														
SCALE	HORIZ. - 1:1000		VERT. - 1:100														