


TRAFFIC SIGNS AND ROAD MARKING PLAN
(KM 11+000 TO 27+854)

Summary of Road Signs Package-VI_ MDR-26: MANDI-REWALSAR-KALKHAR

S.No	Description	Locations / Usage	Unit	Quantities
A	Informatory signs			
	a) Facility information Signs of size 800mm x 600mm	Bus stops & Hospitals	Nos	18
	b) Direction / Place Identification signs of 1200mm x 600mm	Settlements and Minor Junctions	Nos	31
	c) Advance Direction / Destination / Reassurance / Place Identification signs of 1200mm x 750mm	Minor Junc. - 4 legged & Major Junc. - 3 Legged	Nos	4
	d) Advance Direction / Destination / Reassurance / Place Identification signs of 1200mm x 1150mm	Major Junctions - 4 -Legged	Nos	
e) Route marker signs of rectangular plate of 450mm x 600mm	Major Junctions with SH/NH	Nos	2	
B	Cautionary signs			
	a) Cautionary signs of size 600mm (Triangular)	School zone, junctions and Curvatures	Nos	171
	b) Chevron Boards - Single Chevrons of 500 x 548 (WXH in mm) Sinlge sign post with TWO Chevron Boards	Curvatures	Nos	385
c) Chevron Boards - Single Chevrons of 500 x 548 (WXH in mm) Sinlge sign post with ONE Chevron Boards	Curvatures	Nos		
C	Mandatory signs, size			
	a) Circular of size 600mm	Speed Restricted Zones & Curvatures	Nos	124
	c) Octagonal of size 750mm	Junctions	Nos	9
D	Object marker (Hazardous)	Bridges & Culverts	Nos	371
E	Triple Chevron Signs (Hazardous)	Triple Chevron - Hairpin Bends / Blind Curves	Nos	18
F	Convex Mirrors	Hairpin Bends / Blind Curves	Nos	9
G	Road Studs RED -WHITE Bi - directional	Blind Curves, Hairpin Bends & Built-up Locations	Nos	2337
H	Road Studs Yellow Bi - directional	Blind Curves, Hairpin Bends & Built-up Locations	Nos	2337
I	Rumble Strip Markings	Blind curves, Hairpin Bends, School Zone and Junctions	Sq.m	287.10
J	Pedestrian Crossing - Markings	School Zones & Busstops	Sq.m	132.00

TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED

CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

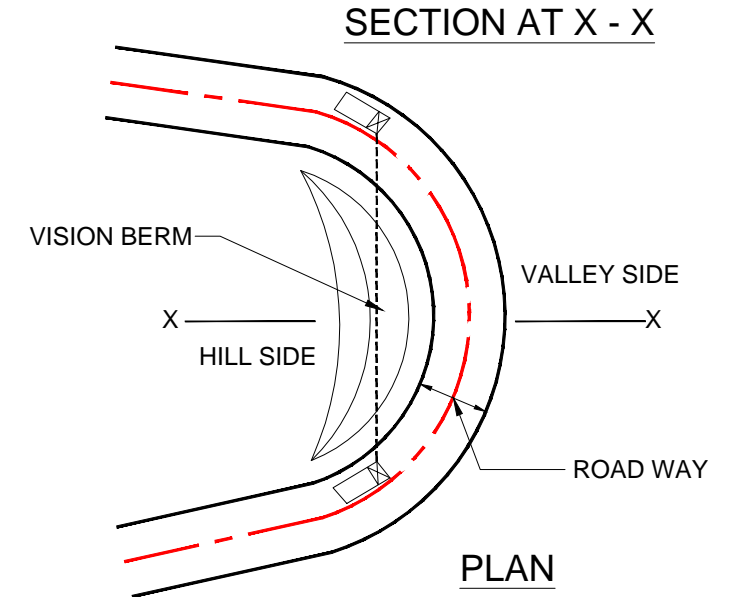
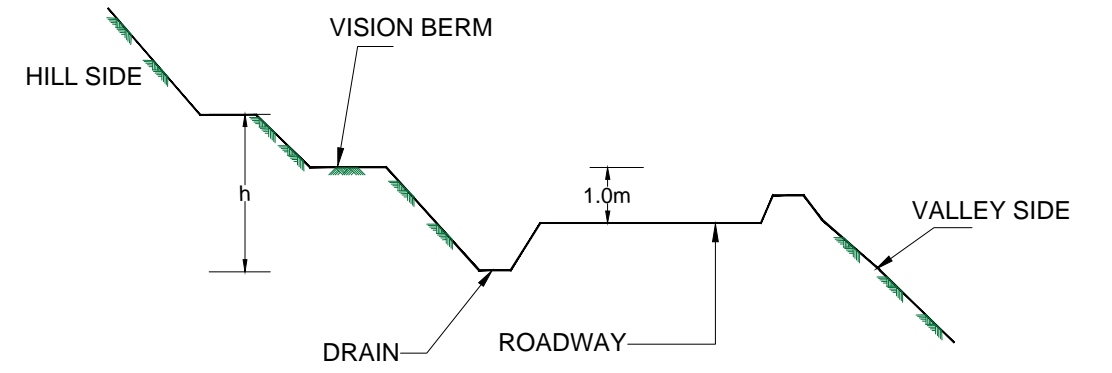
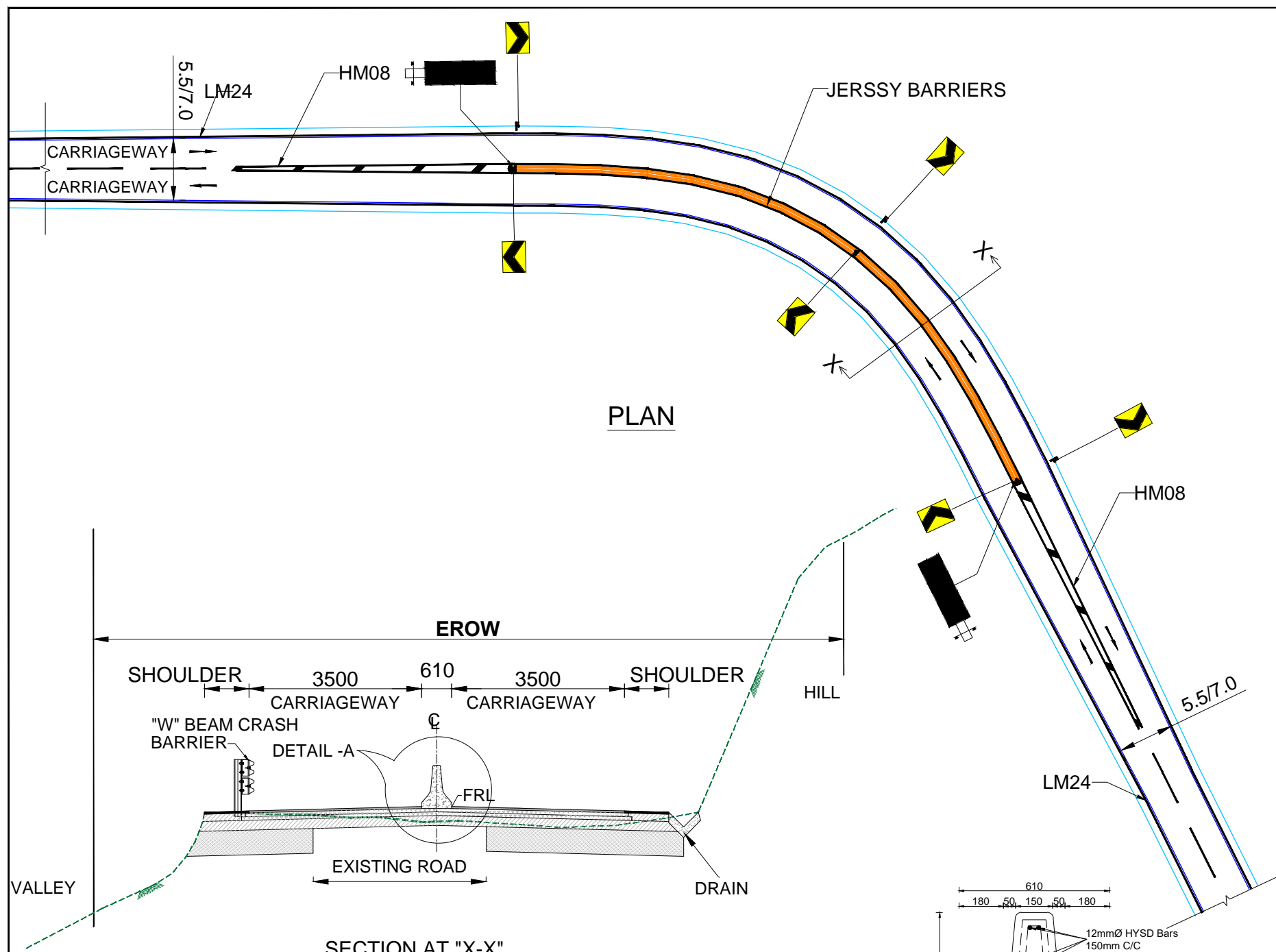
DESIGNED	MADHU.K
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE : SUMMARY OF ROAD SIGNS

DRAWING NO : HP/MAN-KAL/SRS-001

ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

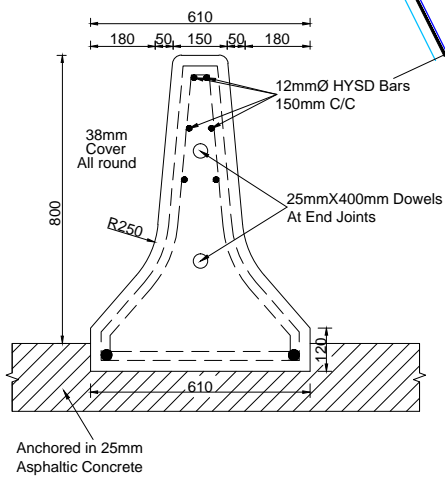
SHEET 01 OF 01



TYPICAL LAYOUT FOR VISION BERM

MDR-26 BLIND CURVE LOCATION						
S.No	Existing Chainage		Design Chainage		Side	Type
	From	To	From	To		
1	21/535	21/615	20+970	21+050	RHS	Additional Lane

TYPICAL LAYOUT FOR ADDITIONL LANE

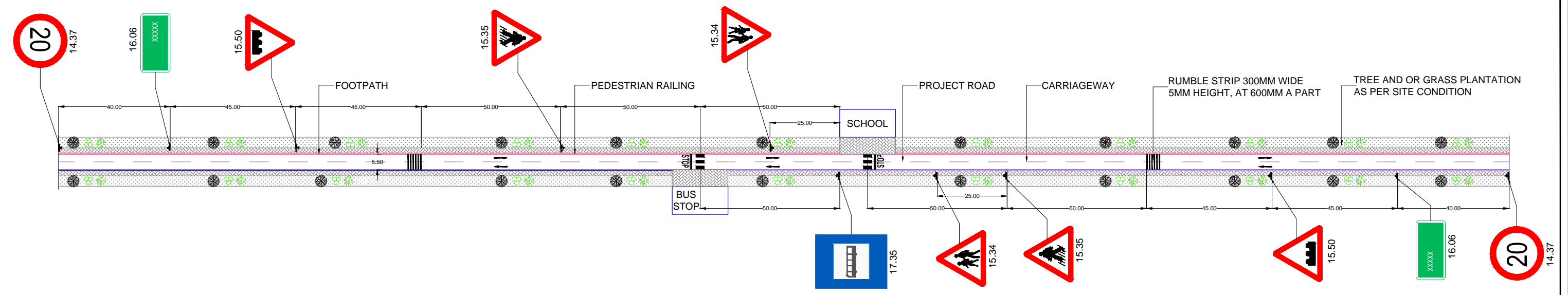


MDR-26 BLIND CURVE LOCATIONS						
S.No	Existing Chainage		Design Chainage		Side	Type
	From	To	From	To		
1	12/340	12/380	11+910	11+950	RHS	Vision Berm
2	14/640	14/670	14+155	14+185	RHS	Vision Berm
3	14/780	14/840	14+310	14+370	RHS	Vision Berm
4	15/110	15/150	15+105	15+145	RHS	Vision Berm
5	16/880	16/900	16+350	16+370	RHS	Vision Berm
6	18/380	18/440	17+850	17+910	RHS	Vision Berm
7	19/750	19/800	19+205	19+255	RHS	Vision Berm
8	26/230	26/270	26+230	26+270	RHS	Vision Berm

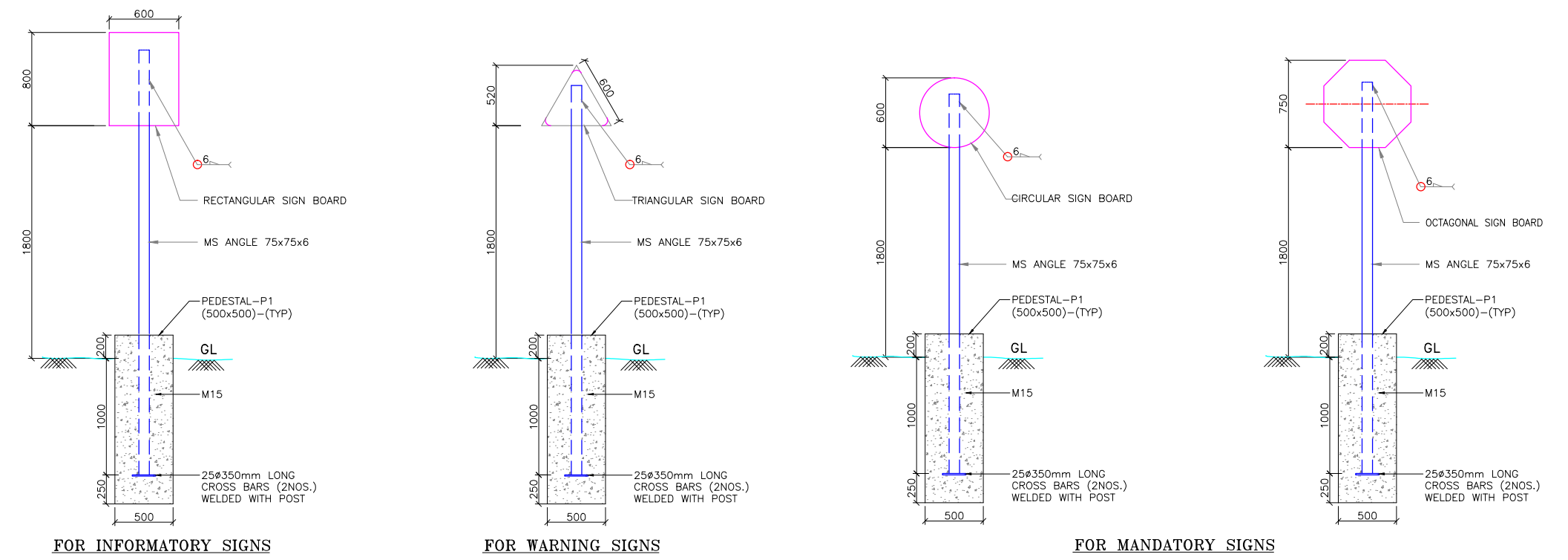
TENDER PURPOSE ONLY

CLIENT: HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.				CONSULTANT: SATRA SERVICES AND SOLUTIONS PVT LTD. #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India. Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in				PROJECT: Himachal Pradesh State Roads Transformation Project (HPSRTP)				DESIGNED: MADHU.K DRAWN: DANIEL CHECKED: CS/AH APPROVED: PRADEEP KAPLA		TITLE : TYPICAL DRAWINGS FOR VISION BERM & ADDITIONAL LANE AT BLIND CURVE LOCATIONS DRAWING NO : HP/MAN-KAL/TYP-VB-001 ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854	
REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED	SCALE: NOT TO SCALE				SHEET 01 OF 01				

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TYPICAL DETAILS OF BUSSTOP & SCHOOL ZONES

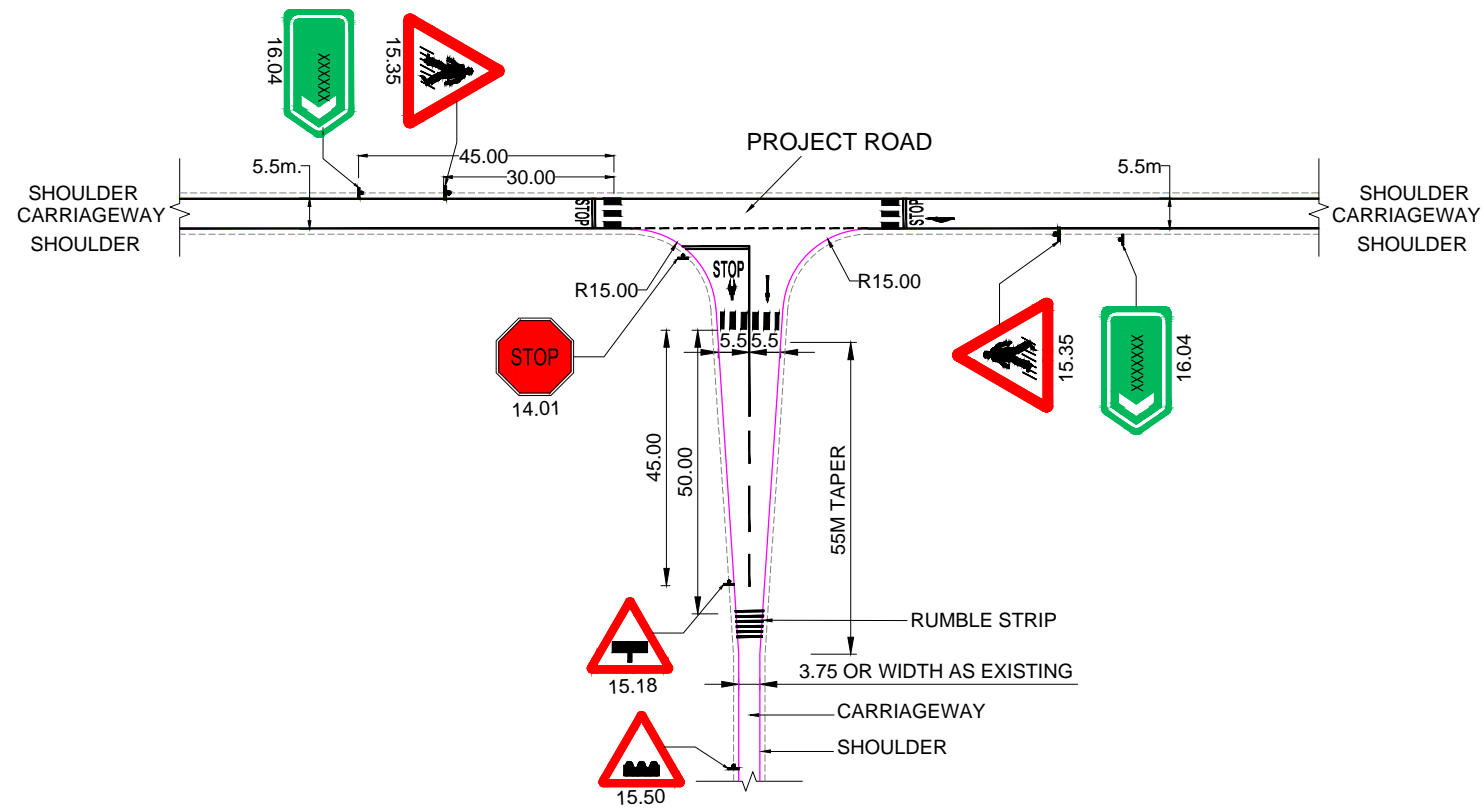


MDR-26-PK -VI-Bus/Rain Shelters			
Sl.No	Ex. Chainage	Design Chainage	Side
1	13/170	12+710	RHS
2	16/810	16+270	RHS
3	18/360	17+820	LHS
4	19/280	18+730	LHS
5	23/035	22+460	LHS
6	23/940	23+360	RHS
7	24/690	24+110	LHS
8	27/410	26+815	LHS
9	28/385	27+785	RHS

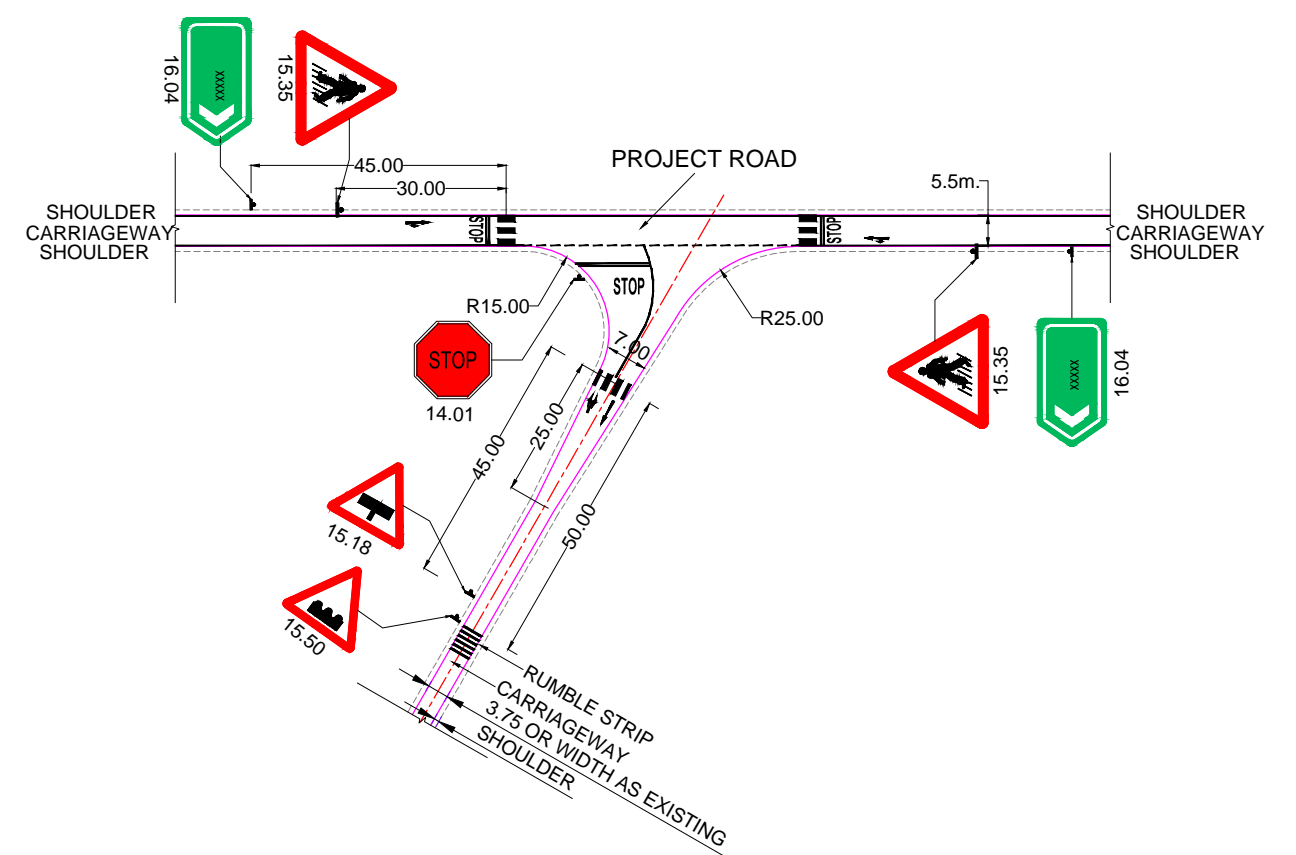
TENDER PURPOSE ONLY

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TYPICAL DETAILS OF SIGN ARRANGEMENT FOR MINOR (T) JUNCTION WITHOUT MEDIAN




TYPICAL DETAILS OF SIGN ARRANGEMENT FOR MINOR (Y) JUNCTION WITHOUT MEDIAN

MDR-26-PK -VI-Minor Junctions					
S.No	Existing Chainage (KM)	Design Chainage (CH)	Cross Road	Type of Junction	Remarks
1	13/320	12+850	LHS	Y	
2	16/840	16+300	RHS	Y	
3	18/420	17+870	LHS	Y	
4	19/210	18+650	RHS	Y	
5	23/370	22+790	RHS	T	
6	23/980	23+400	RHS	T	
7	24/310	23+720	LHS	T	
8	27/400	26+800	LHS	Y	

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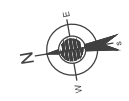
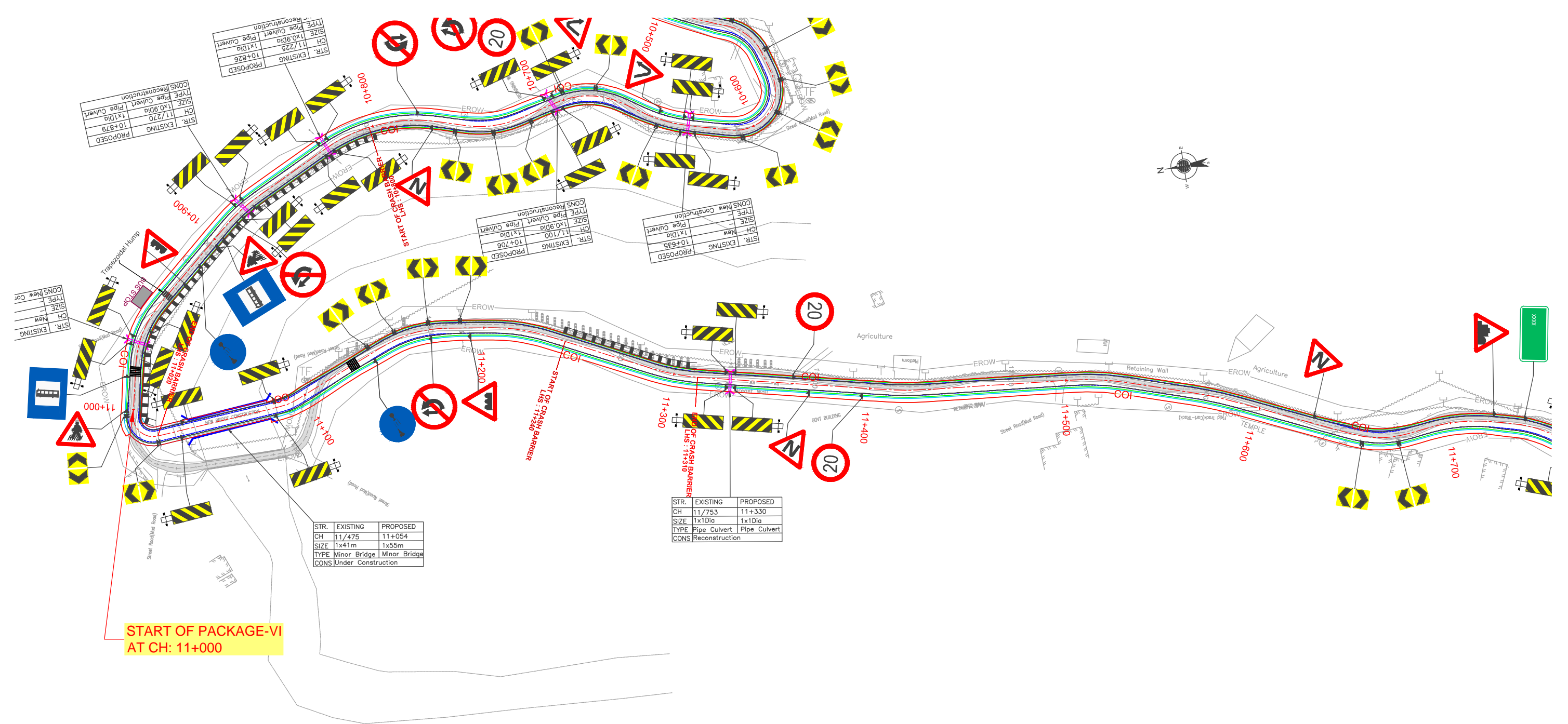
CONSULTANT:

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PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA


TITLE : TRAFFIC SIGNS AND ROAD MARKINGS FOR TYPICAL MINOR JUNCTIONS
 DRAWING NO : HP/MAN-KAL/TYP.MIN.JUN-001
 ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854
 SHEET 01 OF 01



**START OF PACKAGE-VI
AT CH: 11+000**

TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

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 AND OTHER INFRASTRUCTURE DEVELOPMENT
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PROJECT:
 Himachal Pradesh State Roads Transformation
 Project (HPSRTP)

SCALE:
 HOR 1:2000



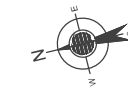
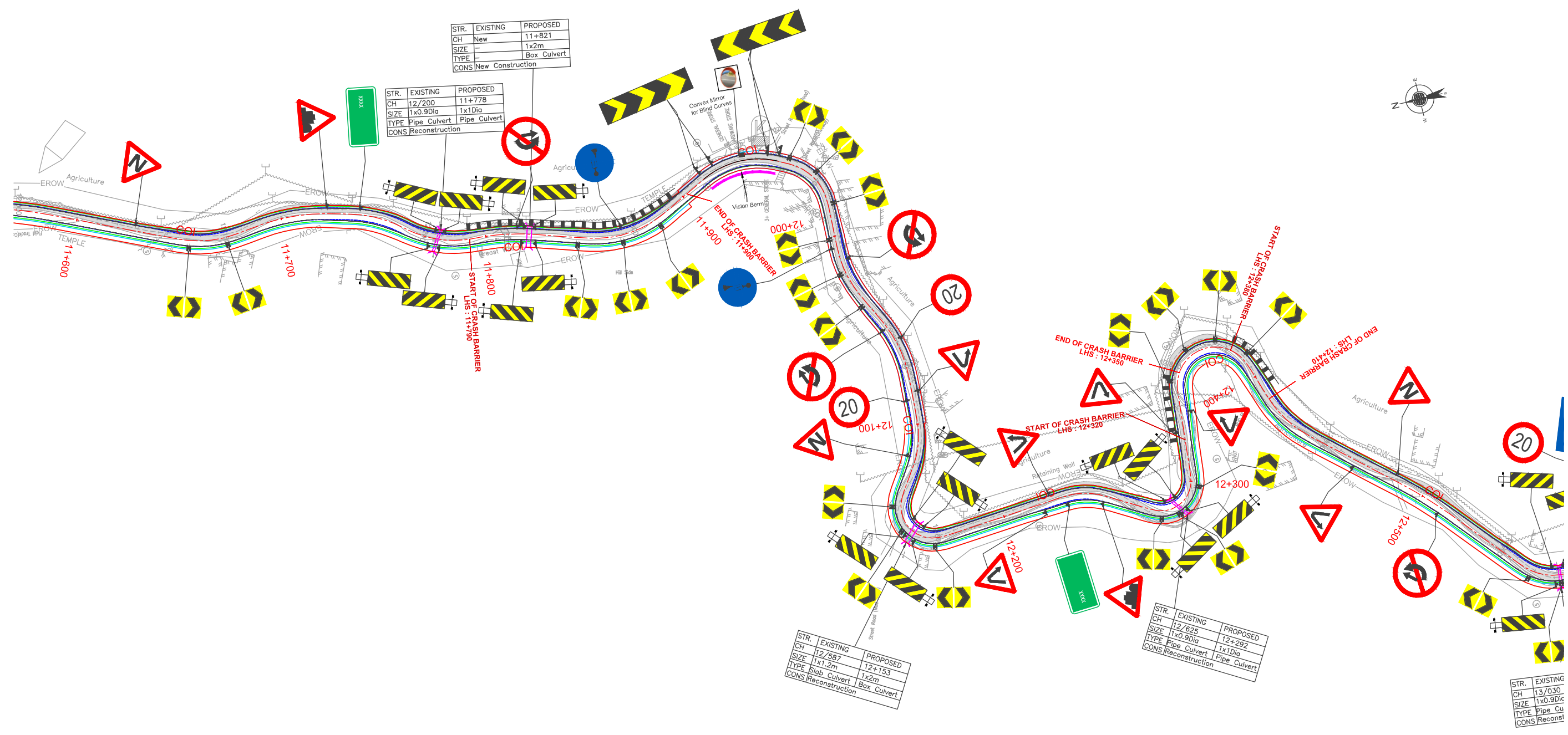
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND
 ROAD MARKING PLAN
 FROM CH:11+000 TO 11+700

DRAWING NO : HP/MAN-KAL/TSRM-001


ROAD NAME : Package-VI:
 Upgradation of Mandi - Rewalsar - Kalkhar Road in
 Mandi District From Km 11+000 To Km 27+854

SHEET 01 OF 24



TENDER PURPOSE ONLY

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PROJECT:
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SCALE:
 HOR 1:2000



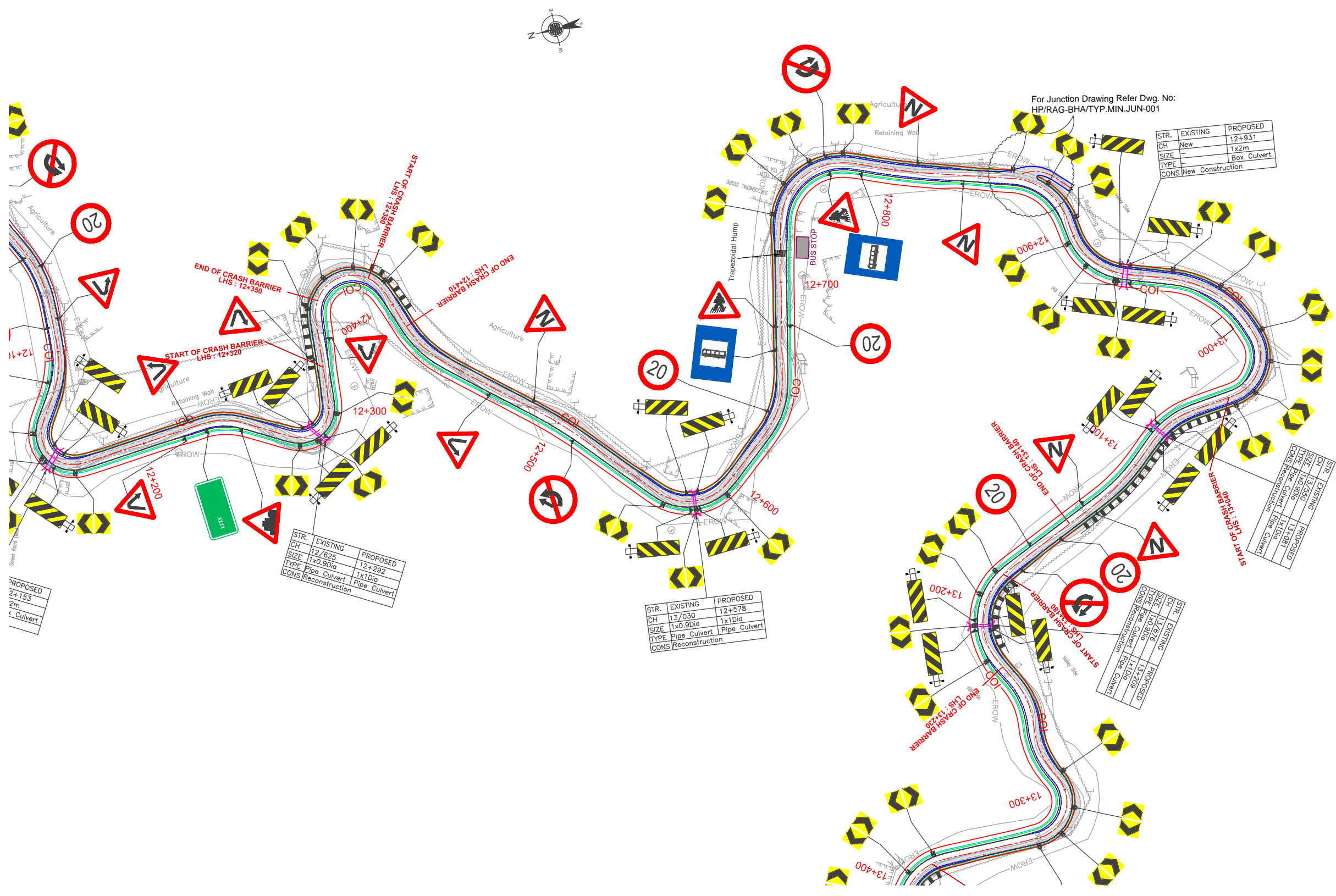
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:11+700 TO 12+400

DRAWING NO : HP/MAN-KAL/TSRM-002


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 02 OF 24



TENDER PURPOSE ONLY

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PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000



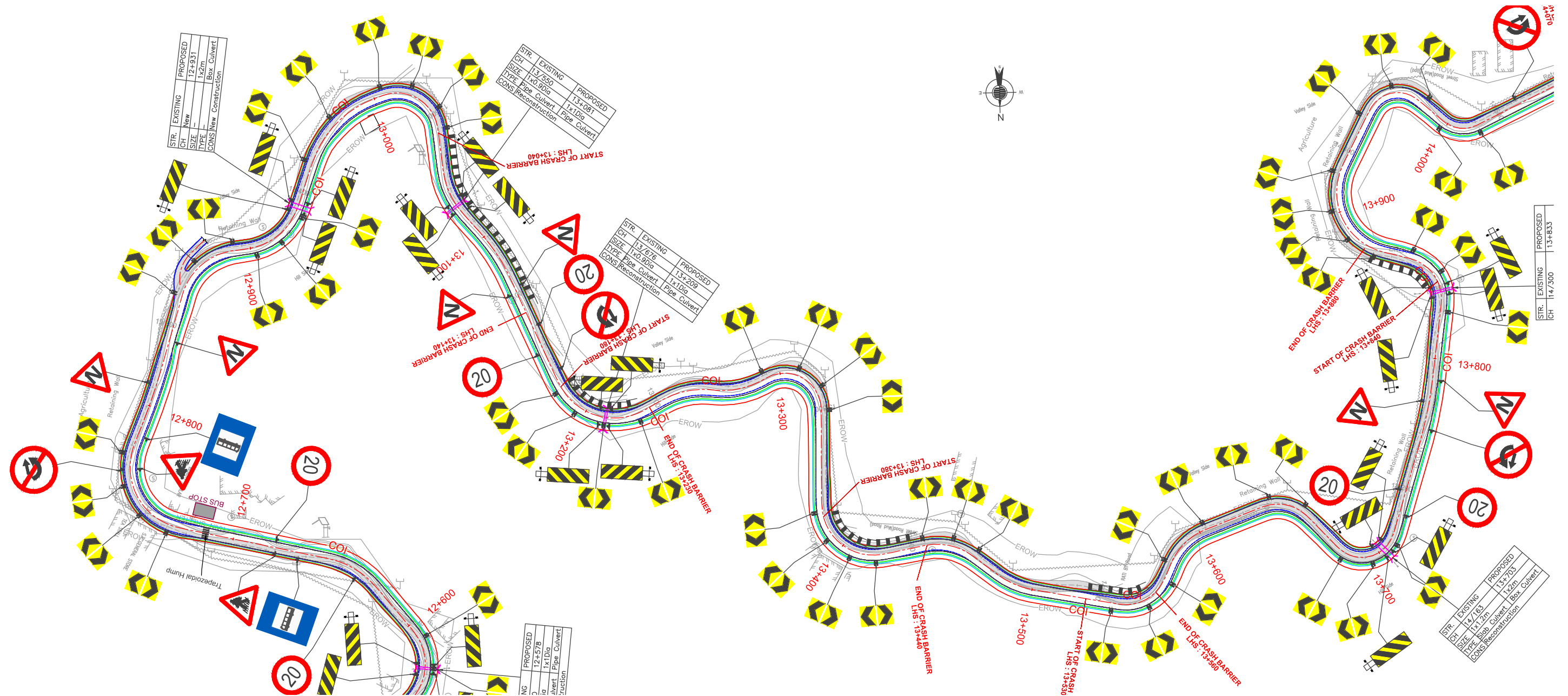
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:12+400 TO 13+100

DRAWING NO : HP/MAN-KAL/TSRM-003


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 03 OF 24



TENDER PURPOSE ONLY

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PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000



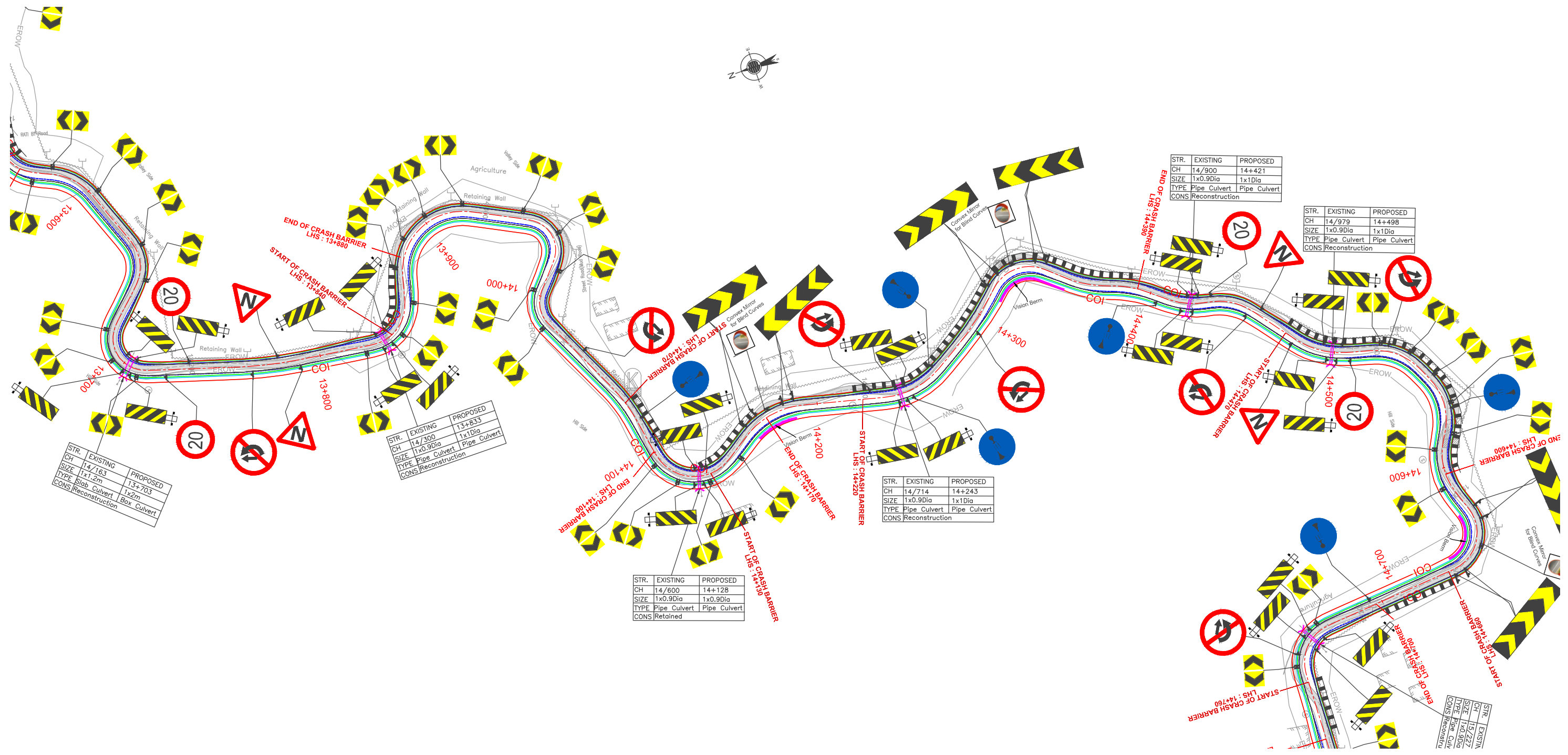
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:13+100 TO 13+800

DRAWING NO : HP/MAN-KAL/TSRM-004


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 04 OF 24



TENDER PURPOSE ONLY

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PROJECT:
Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000



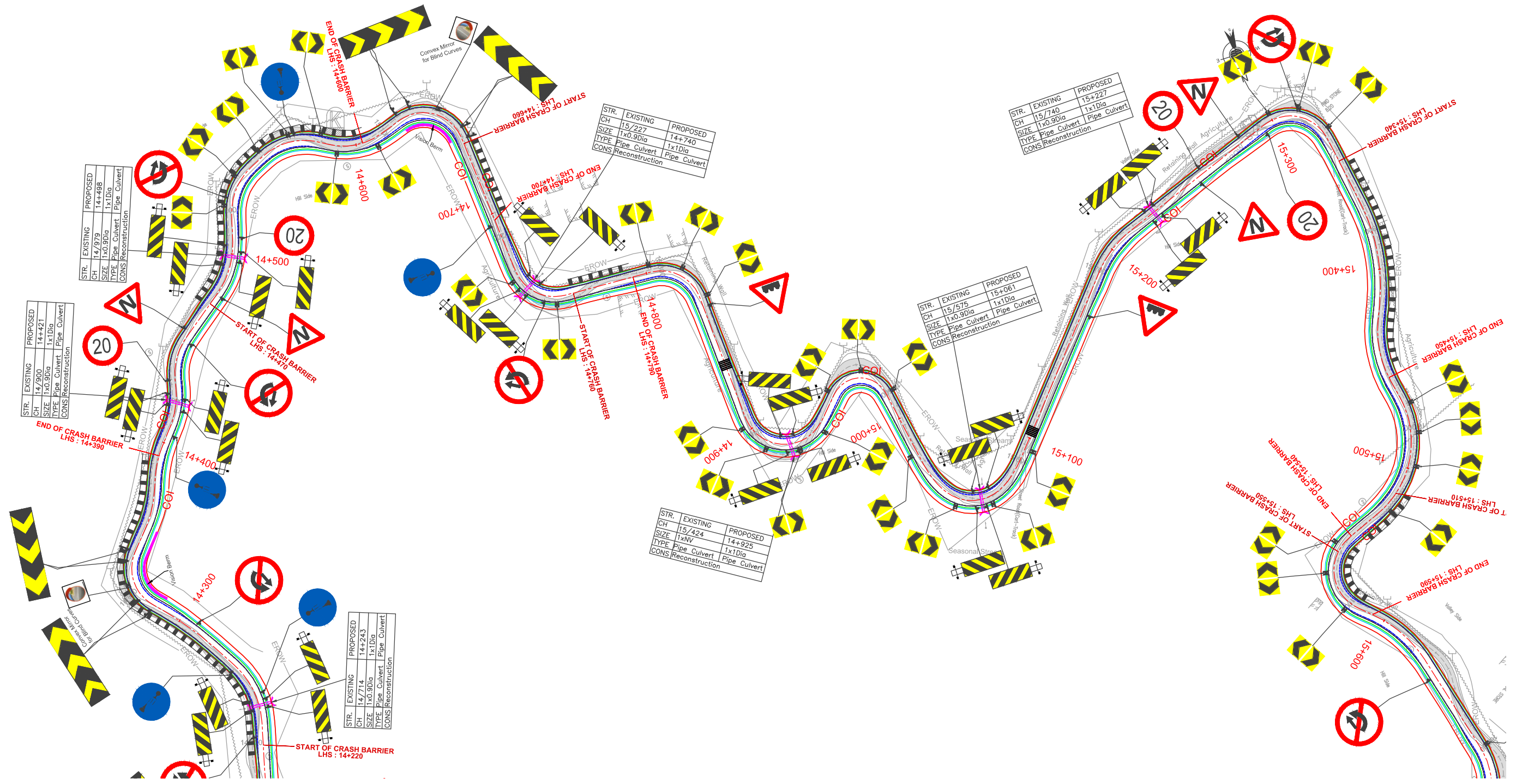
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:13+800 TO 14+500


DRAWING NO : HP/MAN-KAL/TSRM-005

ROAD NAME : Package-VI:
Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 05 OF 24



TENDER PURPOSE ONLY

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CONSULTANT:

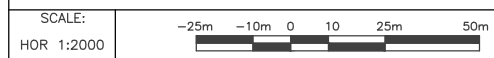
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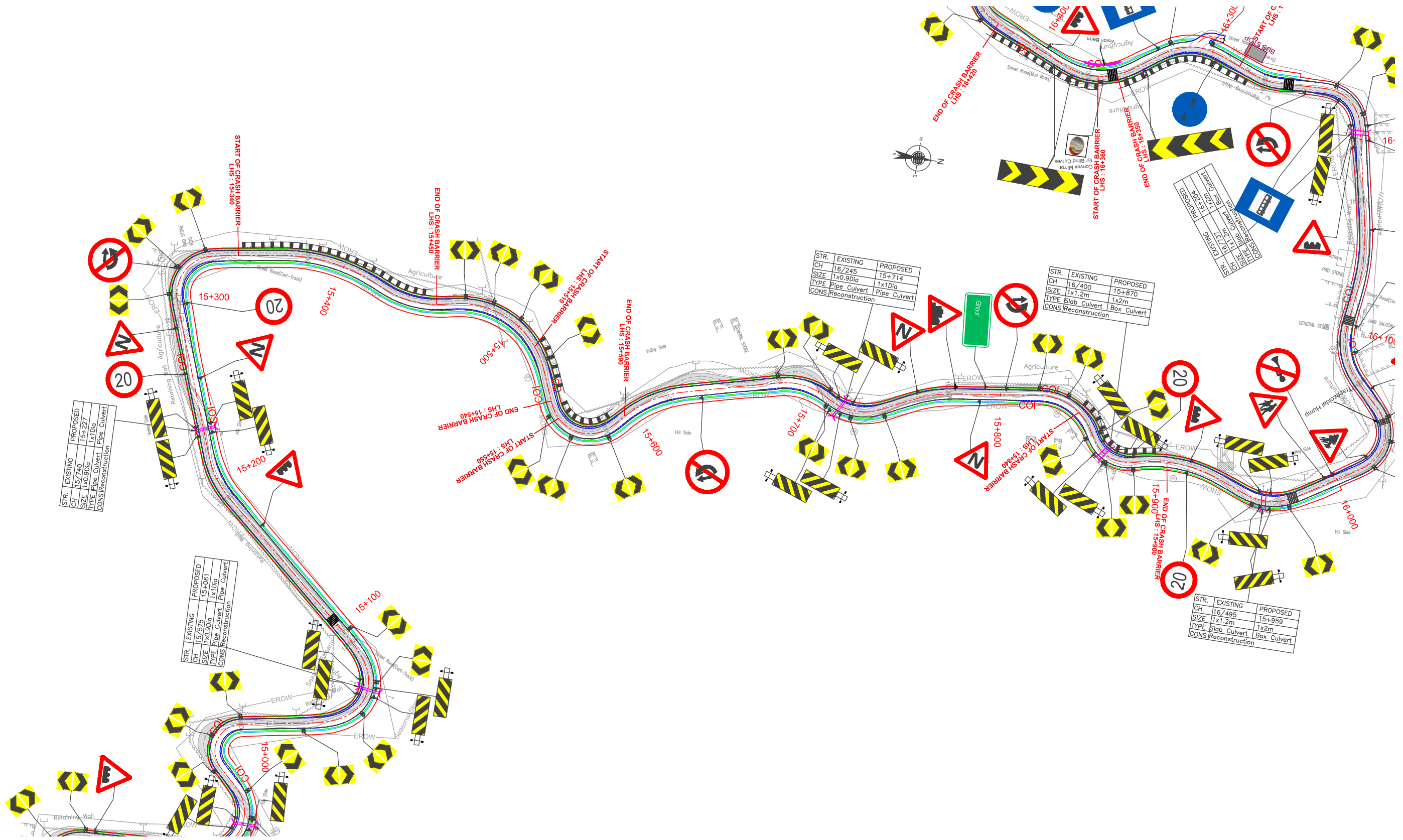
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:14+500 TO 15+200
 DRAWING NO : HP/MAN-KAL/TSRM-006
 ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854


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V:\92.168.1.240\projects\01041055-HPSRTP\04 Designs\01 Highways\02 Drawings\Working\05. DPR 2019 12 27\PKG-5 MDR-26\22.06.2021\11.06.2021 PKG-003_Road Furniture\05.MDR-26 Road Furniture P6.dwg



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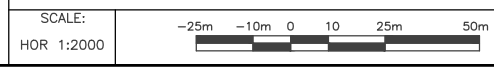
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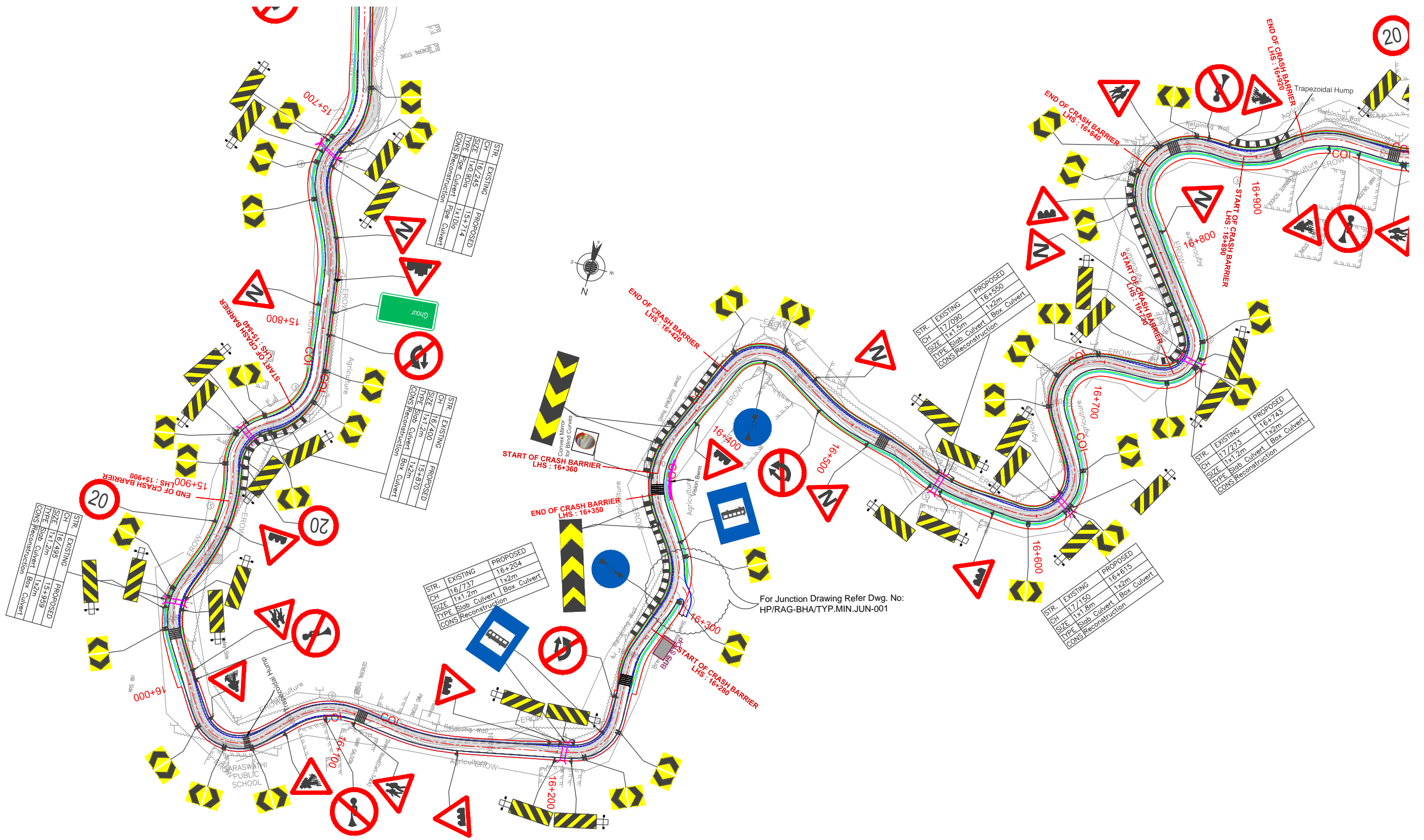
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:15+200 TO 15+900
 DRAWING NO : HP/MAN-KAL/TSRM-007
 ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854


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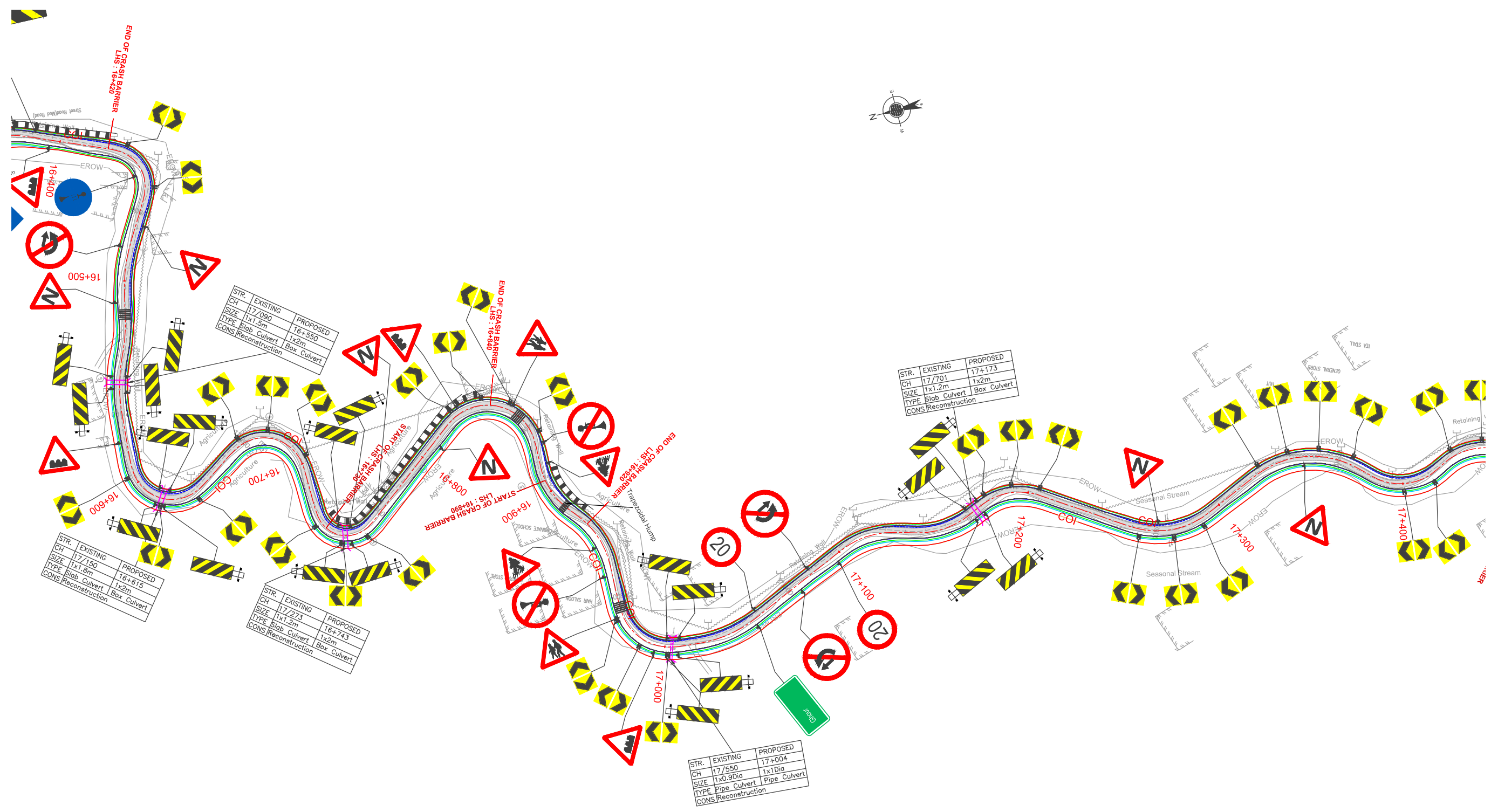
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 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:15+900 TO 16+600
 DRAWING NO : HP/MAN-KAL/TSRM-008
 ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854




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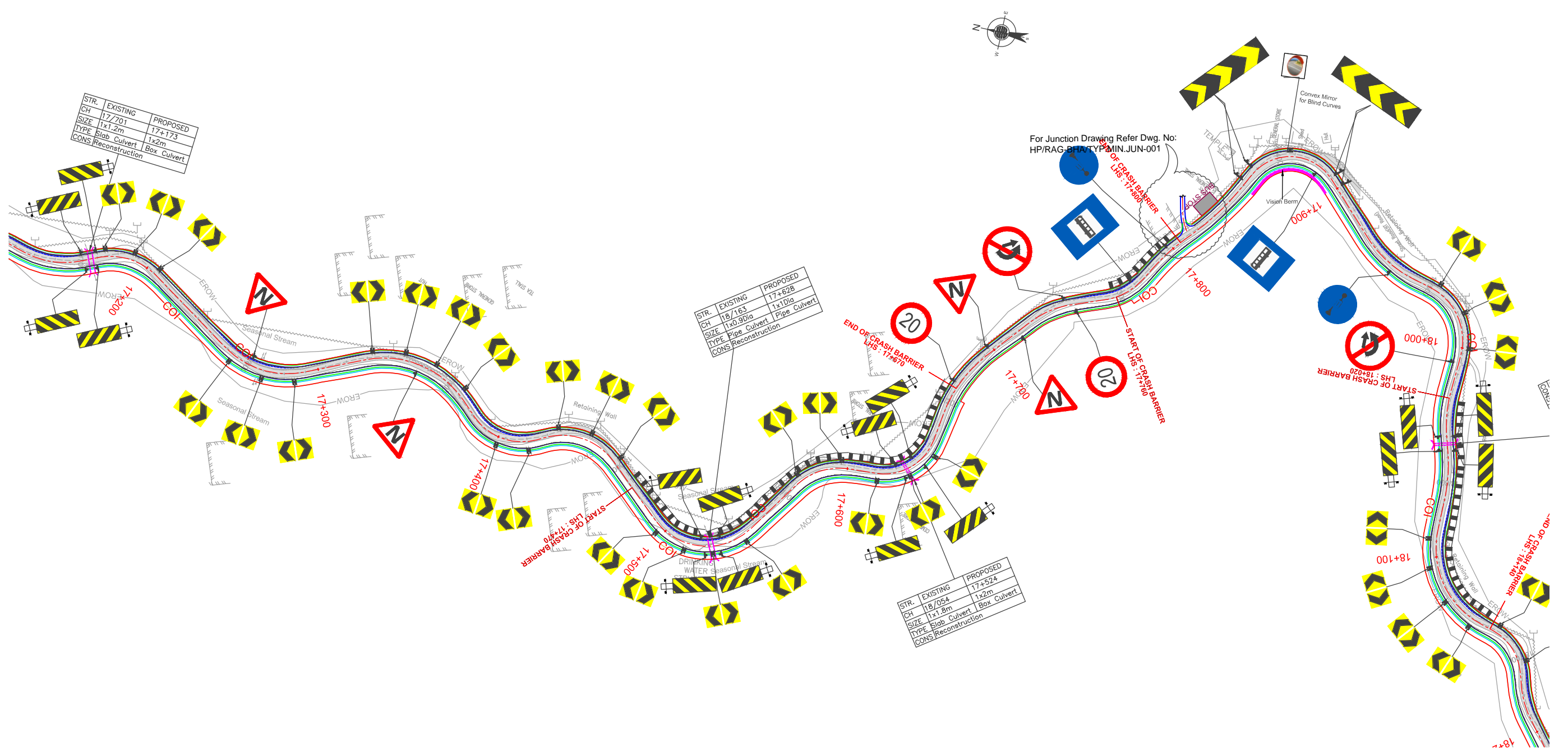
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PROJECT:
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 SCALE: HOR 1:2000


DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA


TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN
 FROM CH:16+600 TO 17+300
 DRAWING NO : HP/MAN-KAL/TSRM-009
 ROAD NAME : Package-VI:
 Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854
 SHEET 09 OF 24

V:\192.168.1.240\projects\501041055-HPSRTP\04 Designs\01 Highways\02 Drawings\Working\05. DPR 2019 12 27\PKG-5 MDR-26\22.06.2021\112.06.2021 PKG-6\03. Road Furniture\05.MDR-26 Road Furniture P6.dwg



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000



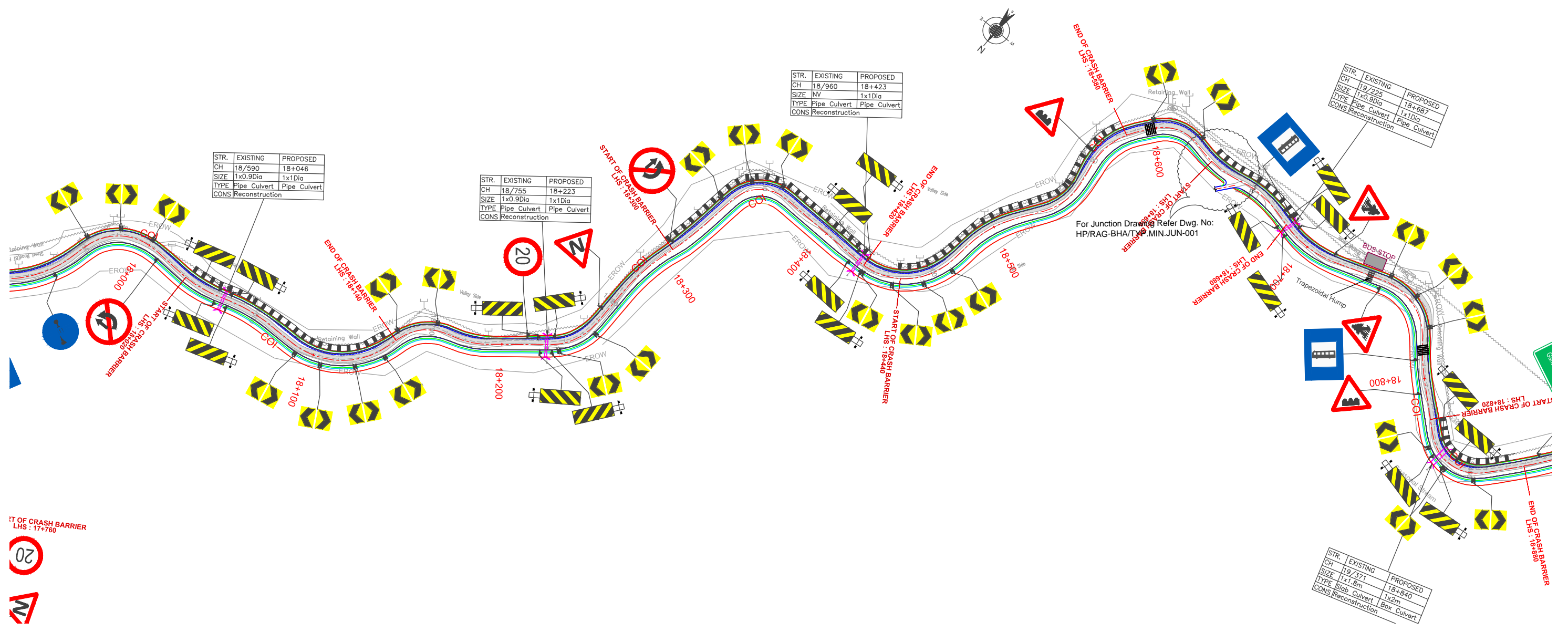
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:17+300 TO 18+000

DRAWING NO : HP/MAN-KAL/TSRM-010

ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 10 OF 24



START OF CRASH BARRIER
LHS : 17+760

20

W

TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED

CLIENT:
HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:
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 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
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PROJECT:
Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000

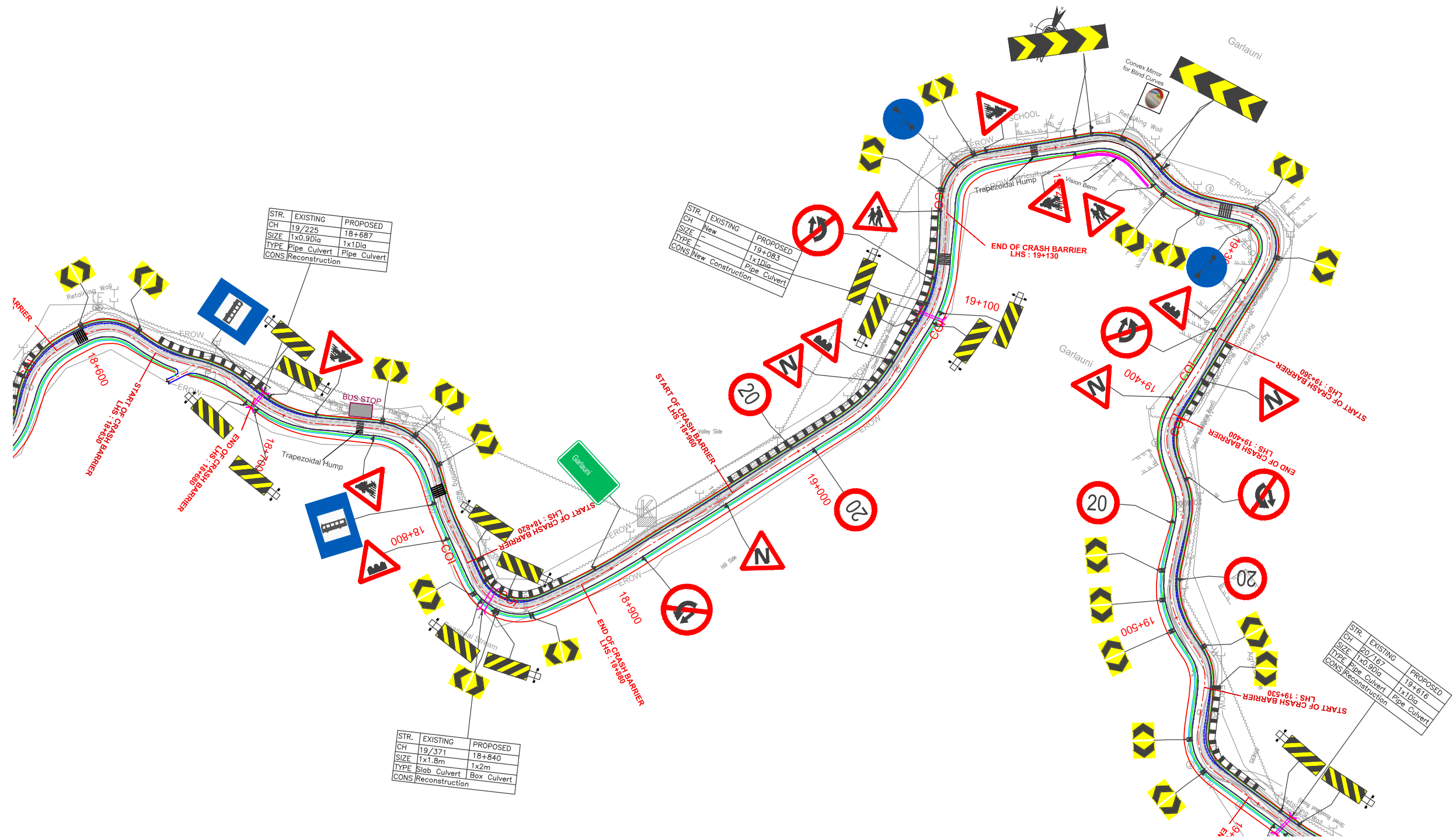
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:18+000 TO 18+700

DRAWING NO : HP/MAN-KAL/TSRM-011


ROAD NAME : Package-VI:
Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 11 OF 24



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

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PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000



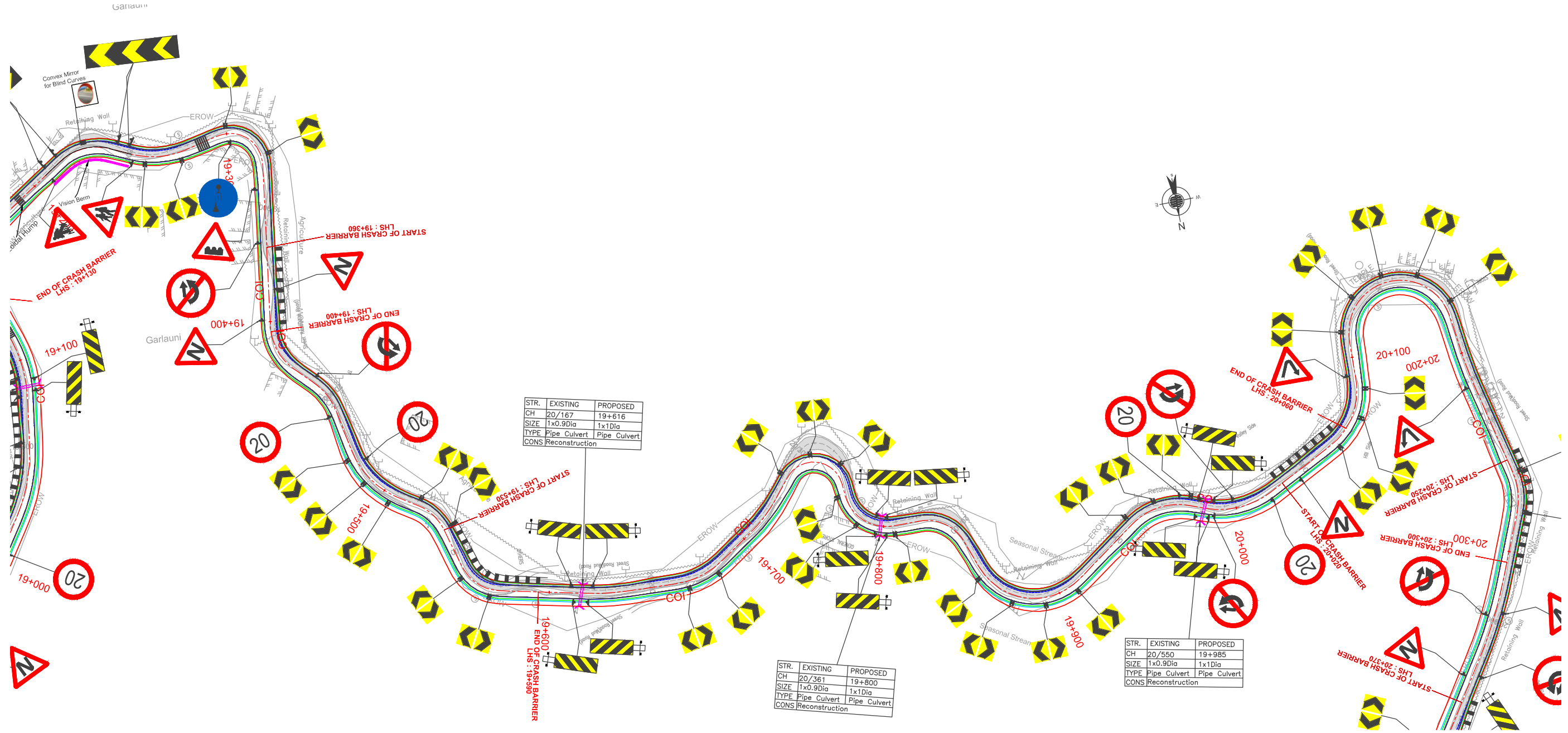
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:18+700 TO 19+400

DRAWING NO : HP/MAN-KAL/TSRM-012


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 12 OF 24



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

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 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000



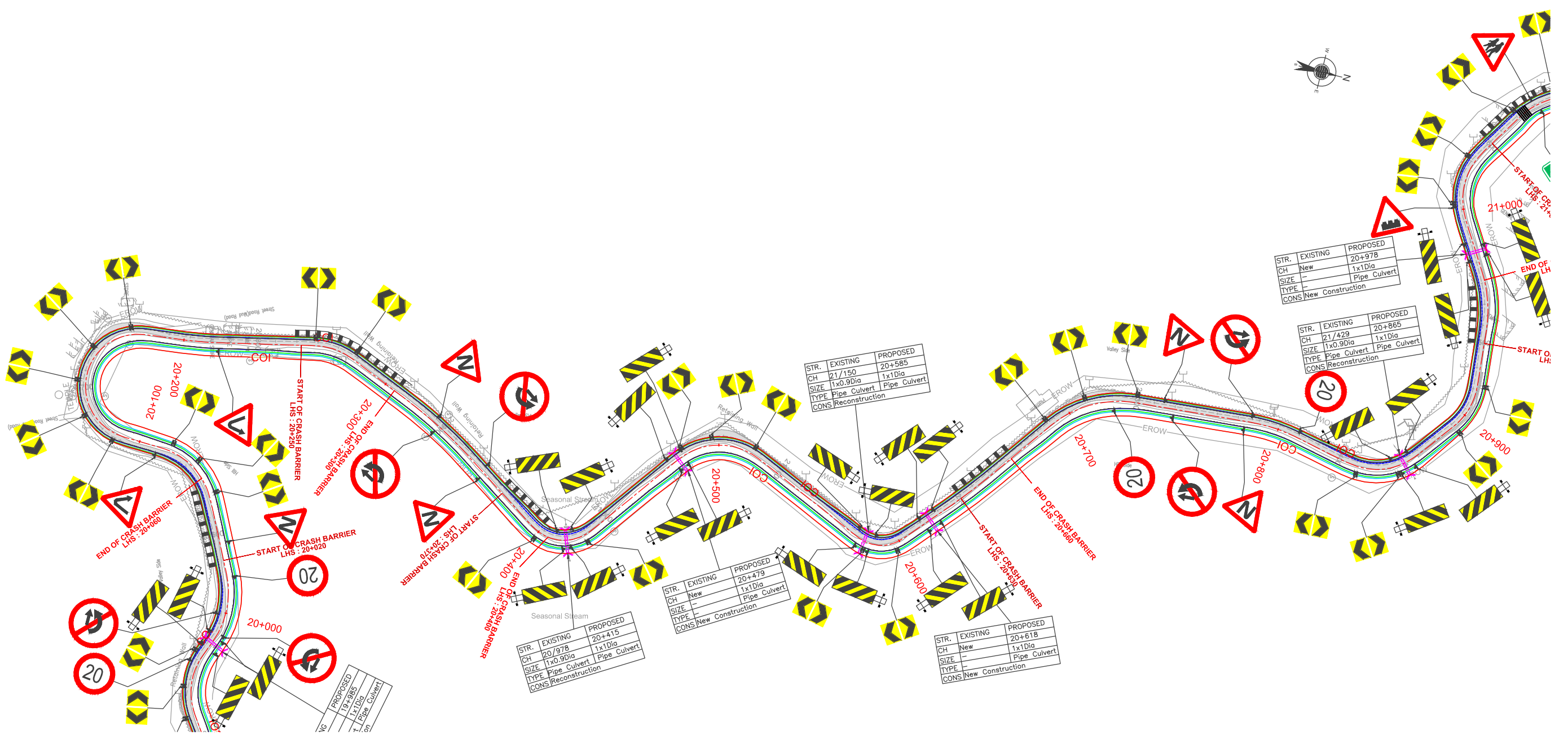
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:19+400 TO 20+100

DRAWING NO : HP/MAN-KAL/TSRM-013


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 13 OF 24



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
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 E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000



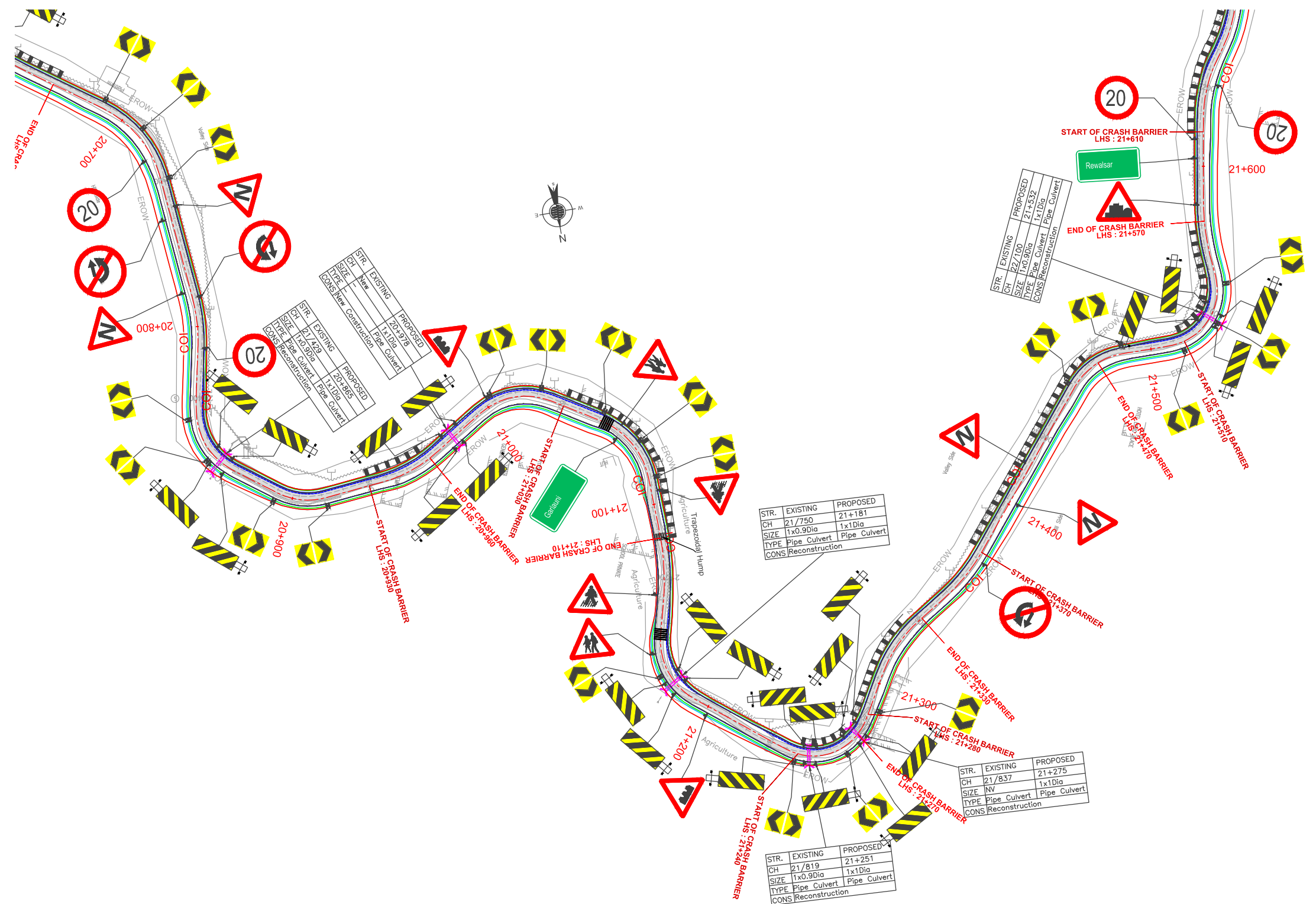
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:20+100 TO 20+800

DRAWING NO : HP/MAN-KAL/TSRM-014


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 14 OF 24



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

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 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000



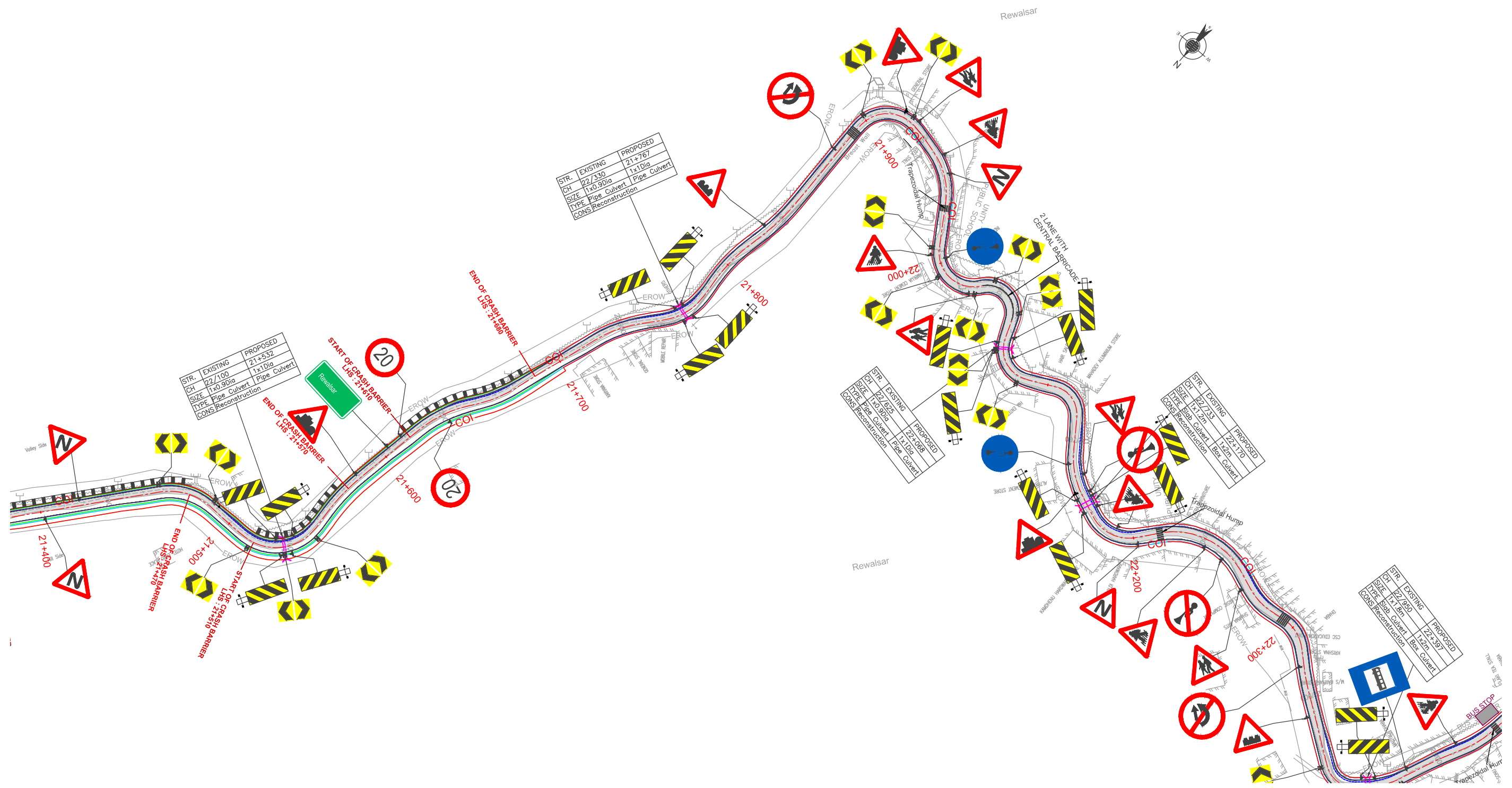
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:20+800 TO 21+500

DRAWING NO : HP/MAN-KAL/TSRM-015


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 15 OF 24



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

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PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000



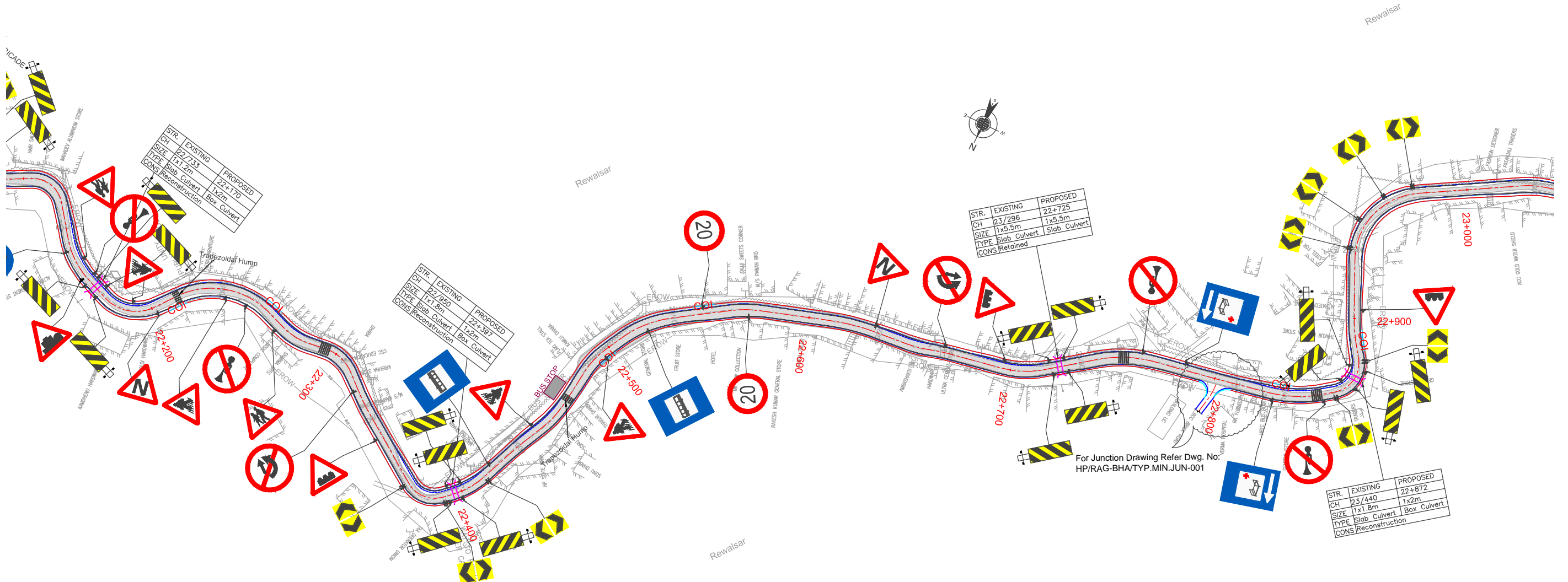
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:21+500 TO 22+200


DRAWING NO : HP/MAN-KAL/TSRM-016

ROAD NAME : Package-VI:
 Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 16 OF 24



REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
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 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000



DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

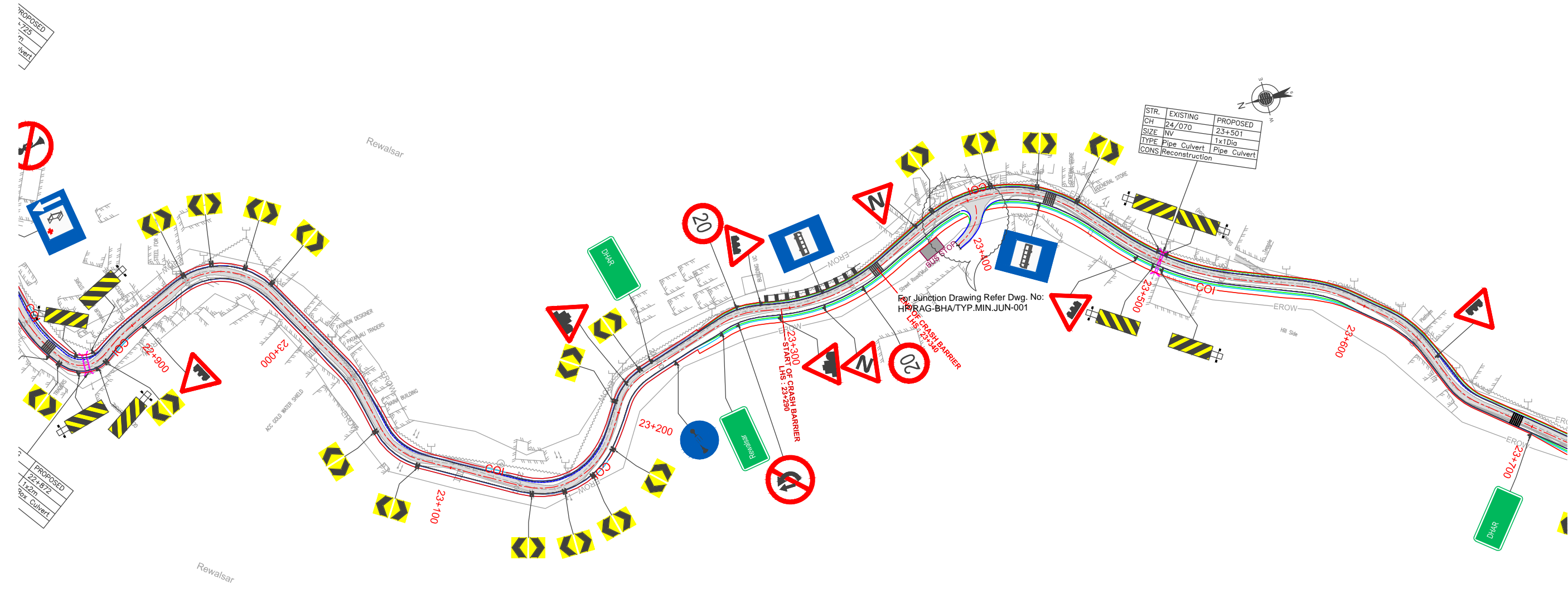
TENDER PURPOSE ONLY

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:22+200 TO 22+900

DRAWING NO : HP/MAN-KAL/TSRM-017

ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 17 OF 24



STR.	EXISTING	PROPOSED
CH	24/070	23+501
SIZE	NV	1x1Dia
TYPE	Pipe Culvert	Pipe Culvert
CONS	Reconstruction	


PROPOSED	1x2m	Box Culvert
----------	------	-------------

PROPOSED	22+872	Box Culvert
----------	--------	-------------

For Junction Drawing Refer Dwg. No: HP/RAG-BHA/TYP.MIN.JUN-001

TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

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PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000



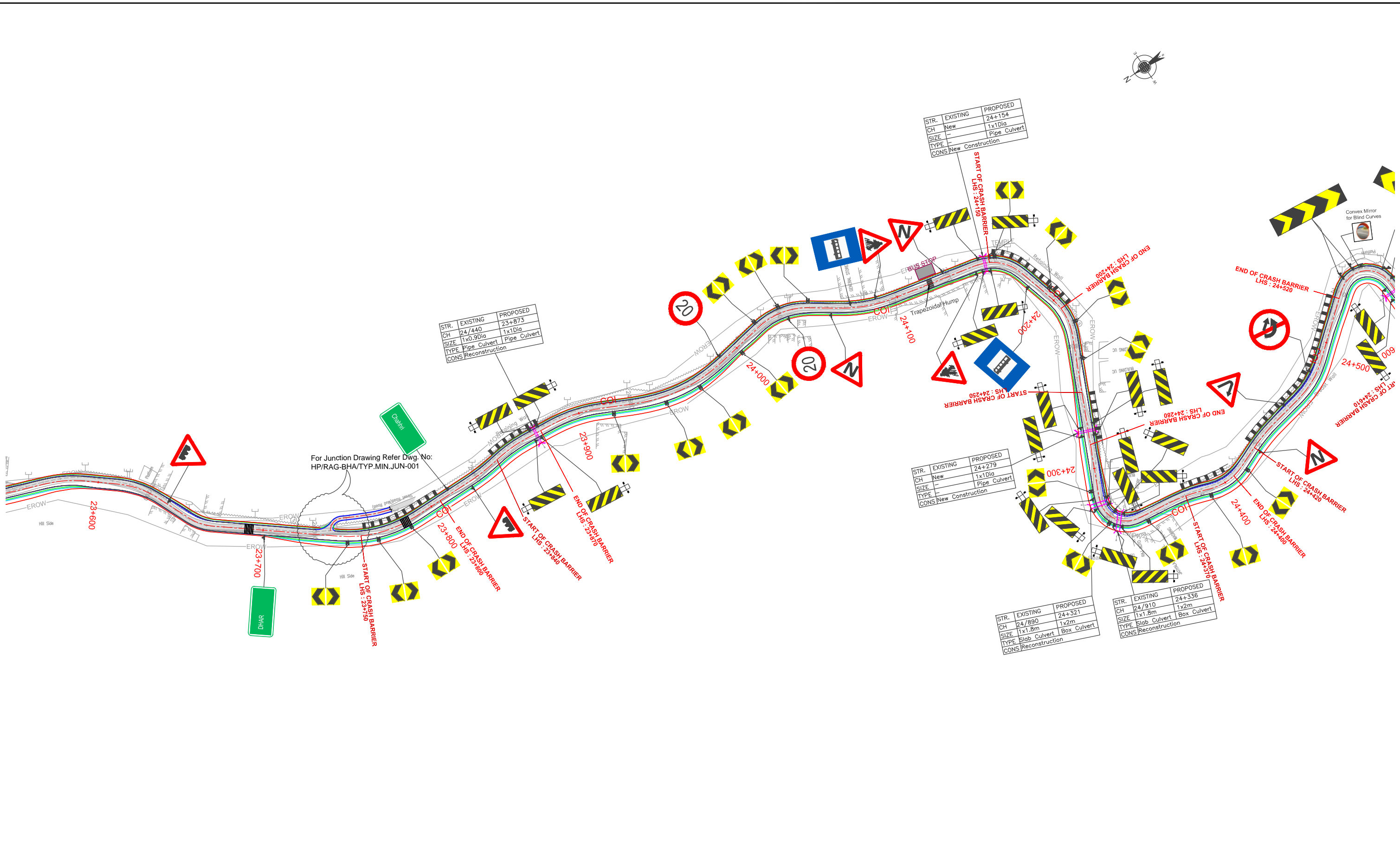
DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN
 FROM CH:22+900 TO 23+600


DRAWING NO : HP/MAN-KAL/TSRM-018

ROAD NAME : Package-VI:
 Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 18 OF 24



REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

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 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000



DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN
 FROM CH:23+600 TO 24+300

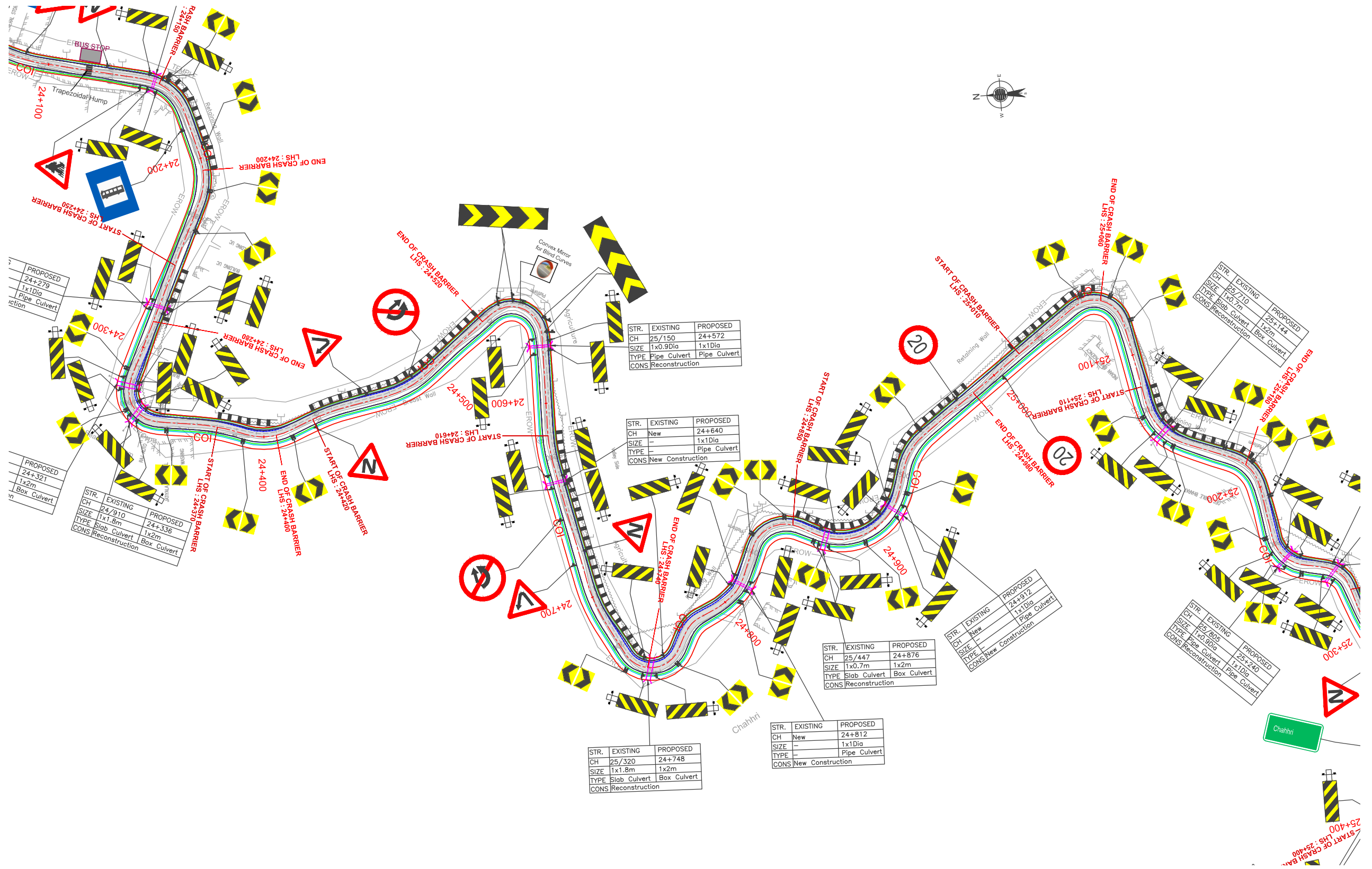
DRAWING NO : HP/MAN-KAL/TSRM-019

ROAD NAME : Package-VI:
 Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 19 OF 24


TENDER PURPOSE ONLY

\\192.168.1.240\projects\01041055-HPSRTP\04 Designs\01 Highways\02 Drawings\Working\05. DPR 2019 12 27\PKG-5 MDR-26\22.06.2021\11.06.2021 PKG-013_Road Furniture\05.MDR-26_Road Furniture P6.dwg



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

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PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE: HOR 1:2000



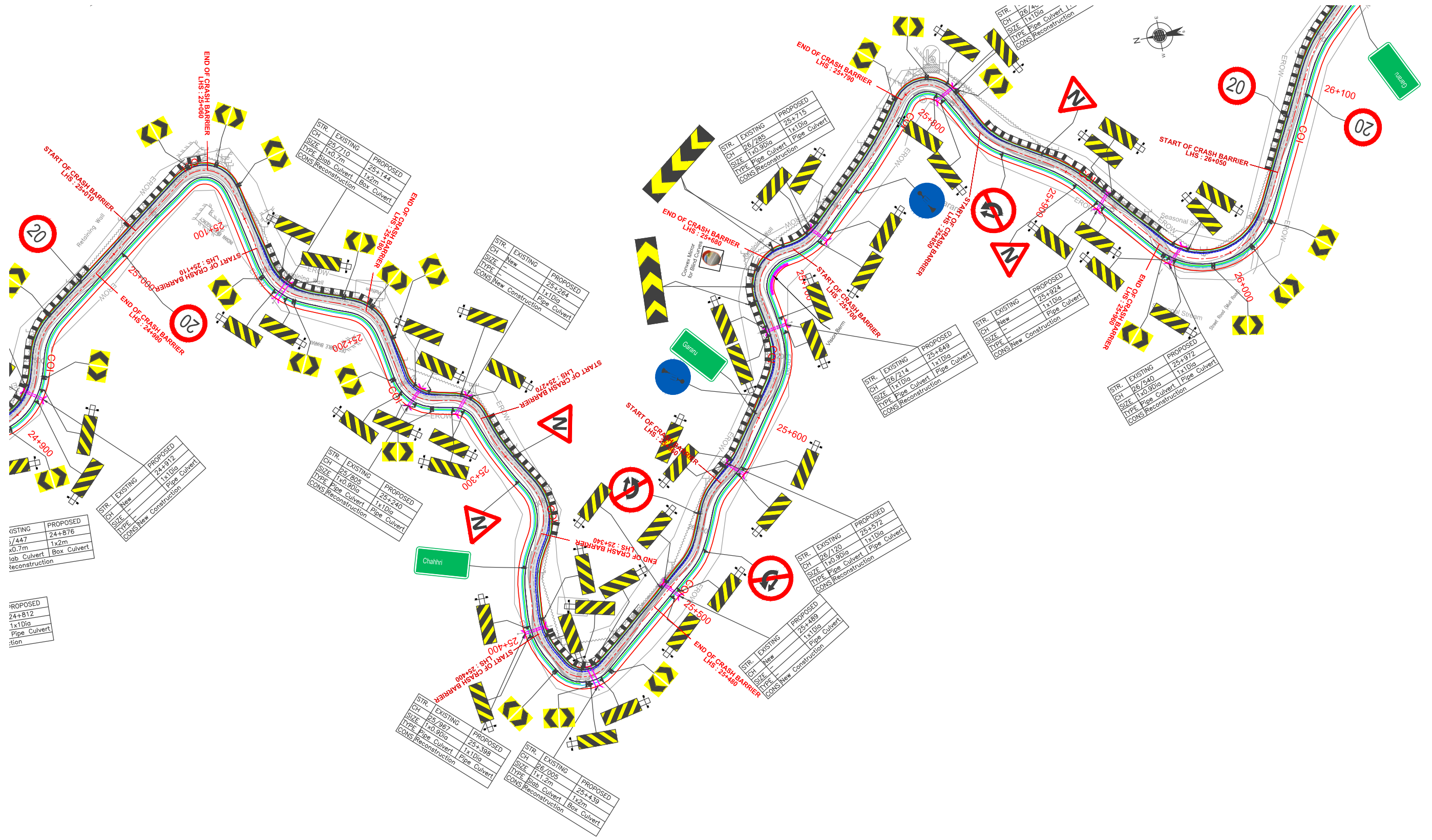
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 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:24+300 TO 25+000


DRAWING NO : HP/MAN-KAL/TSRM-020

ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 20 OF 24



TENDER PURPOSE ONLY

CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

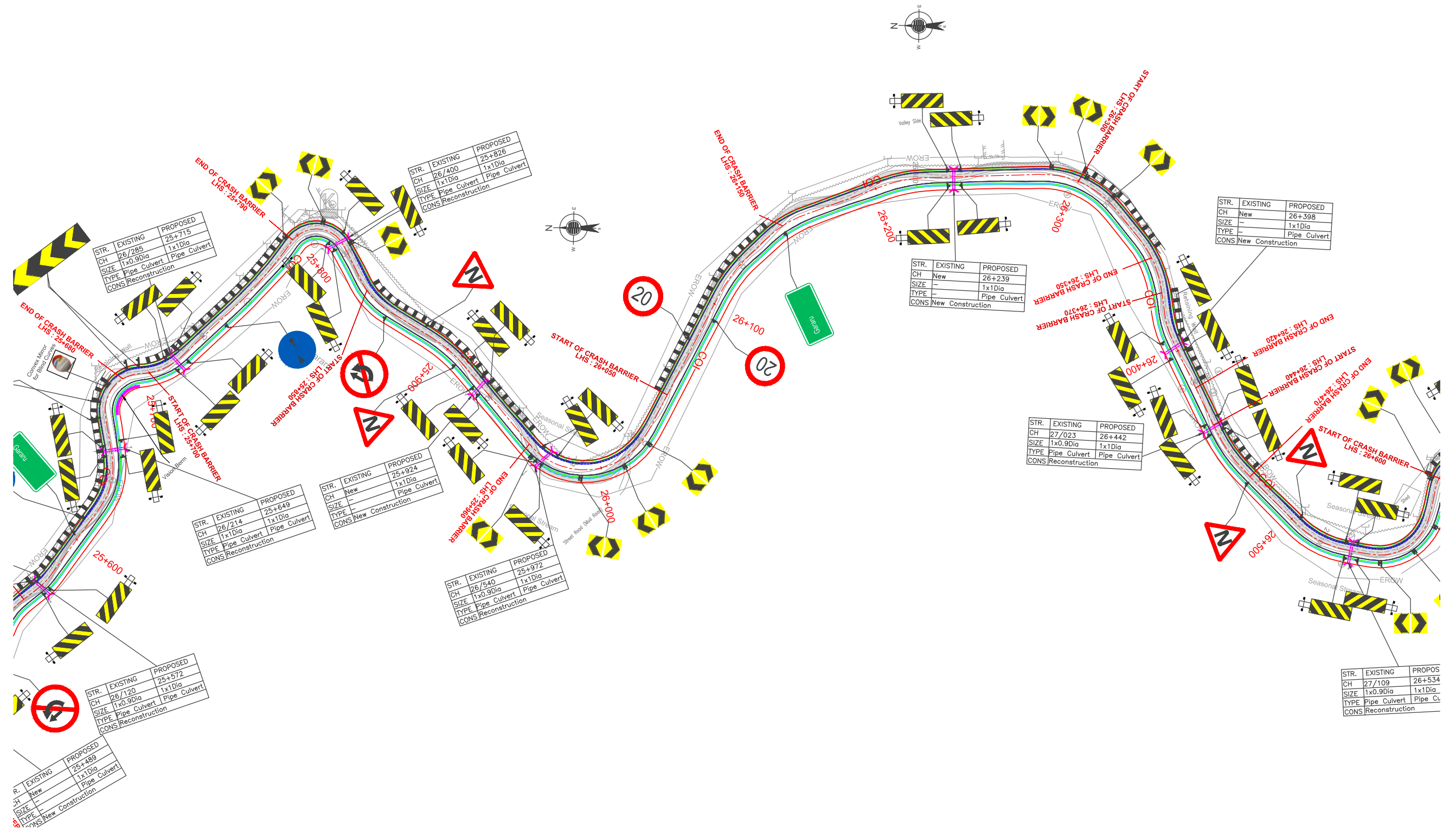
CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
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PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:25+000 TO 25+700
 DRAWING NO : HP/MAN-KAL/TSRM-021
 ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854



REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

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CONSULTANT:

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PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000



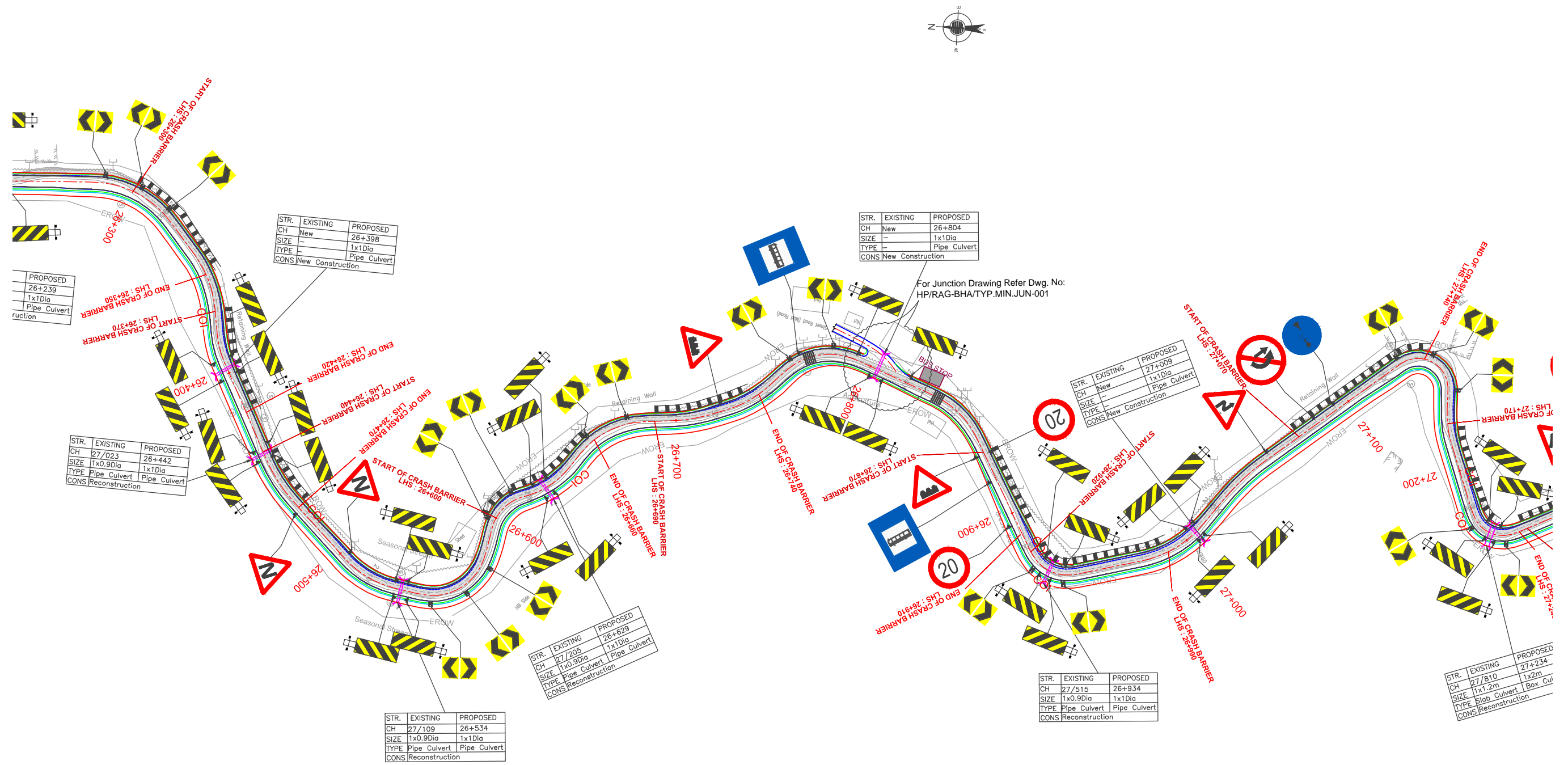
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 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:25+700 TO 26+400


DRAWING NO : HP/MAN-KAL/TSRM-022

ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 22 OF 24



TENDER PURPOSE ONLY

CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

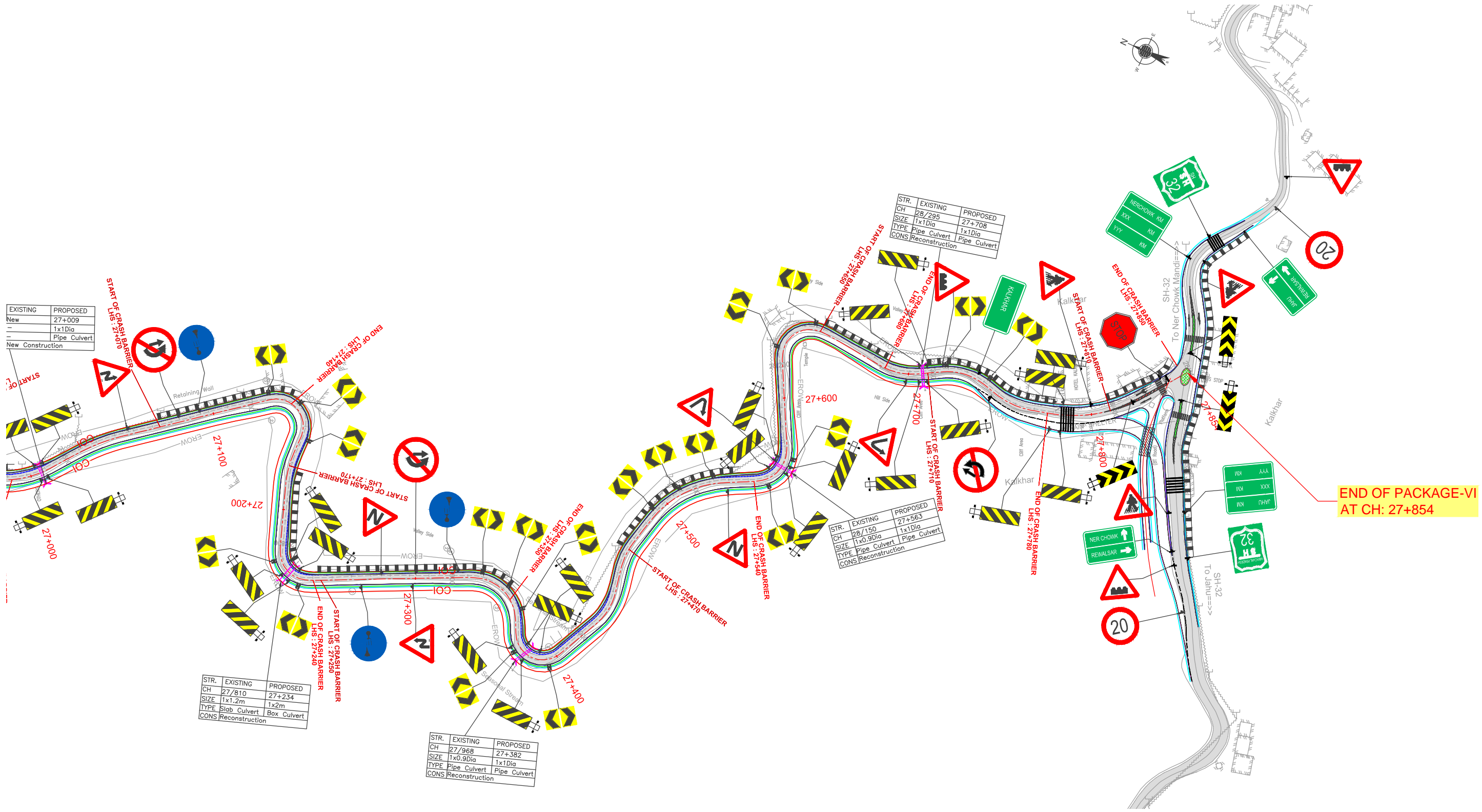
 SATRA SERVICES AND SOLUTIONS PVT LTD.
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PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA


TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:26+400 TO 27+100
 DRAWING NO : HP/MAN-KAL/TSRM-023
 ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

\\192.168.1.240\projects\01041055-HPSRTP\04 Designs\01 Highways\02 Drawings\Working\05. DPR 2019 12 27\PKG-5 MDR-26\22.06.2021\12.06.2021 PKG-6\03. Road Furniture\05.MDR-26 Road Furniture P6.dwg



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

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CONSULTANT:

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PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:2000



DESIGNED: MADHU.K
 DRAWN: DANIEL
 CHECKED: CS/AH
 APPROVED: PRADEEP KAPLA

TITLE :
 TRAFFIC SIGNS AND ROAD MARKING PLAN FROM CH:27+100 TO 27+854

DRAWING NO : HP/MAN-KAL/TSRM-024

ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 24 OF 24

ENCUMBRANCE PLAN DRAWINGS
(KM 11+000 TO 27+854)

LEGEND

SL NO.	DESCRIPTION	
1	TEMPLE	
2	CHURCH	
3	MOSQUE	
4	GATES	
5	ROW STONE	
6	WELL	
7	DGPS POINTS	
8	TREES	
9	PIPE CULVERT	
10	SLAB CULVERT	
11	UTILITY-HT	
12	LAMP POLE	
13	UTILITY-EP	
14	UTILITY-ESB	
15	ELE BOX	
16	OFC PILLAR	
17	HOARDING	
18	SIGNAL POST	
19	KILOMETRE STONE	
20	HECTOMETRE STONE	
21	HAND PUMP	
22	MAN HOLE	
23	BORE WELL	
24	BOLLARD	
25	UTILITY-TOWER	
26	FLAG POST	
27	SIGN BOARD	
28	NAME BOARD	
29	DUSTBIN	
30	ROAD SIGN	
31	CANTILIVER	

SL NO.	DESCRIPTION	
32	SPOT LEVEL	
33	UTILITY-TP	
34	BUILDING PUCCA	
35	BUILDINGS KACHHA	
36	BUILDING UNDER CONSTRUCTION	
37	BUILDING-HUT	
38	BUILDING-SHED	
39	BRIDGE	
40	CARRIAGEWAY EDGE	
41	BT ROAD	
42	CART TRACK	
43	COMPOUND WALL	
44	POND	
45	RE WALL	
46	FENCING	
47	CENTERLINE	
48	EP LINE	
49	HT LINE	
50	RAILWAY TRACK	
51	TP LINE	
52	EROW LINE	
53	WATER PIPE LINE	
54	DRAIN	
55	EXISTING CHAINAGE	0/000
56	DIVIDER	
57	DIVIDER ISLAND	
58	NALA	
59	CANAL	
60	DRIVEWAY	
61	CULTIVATION AREA	
62	RIVER	

SL NO.	DESCRIPTION	
63	WATER TANK	
64	RAILING	
65	KERB	
66	CLIFF AREA	
67	RETAINING WALL	




PROPOSED FEATURES		
SL NO.	DESCRIPTION	
1	CORRIDOR OF IMPACT	
2	PROPOSED CENTRE LINE	
3	PROPOSED CHAINAGE	0+000
4	AFFECTED STRUCTURES	0000

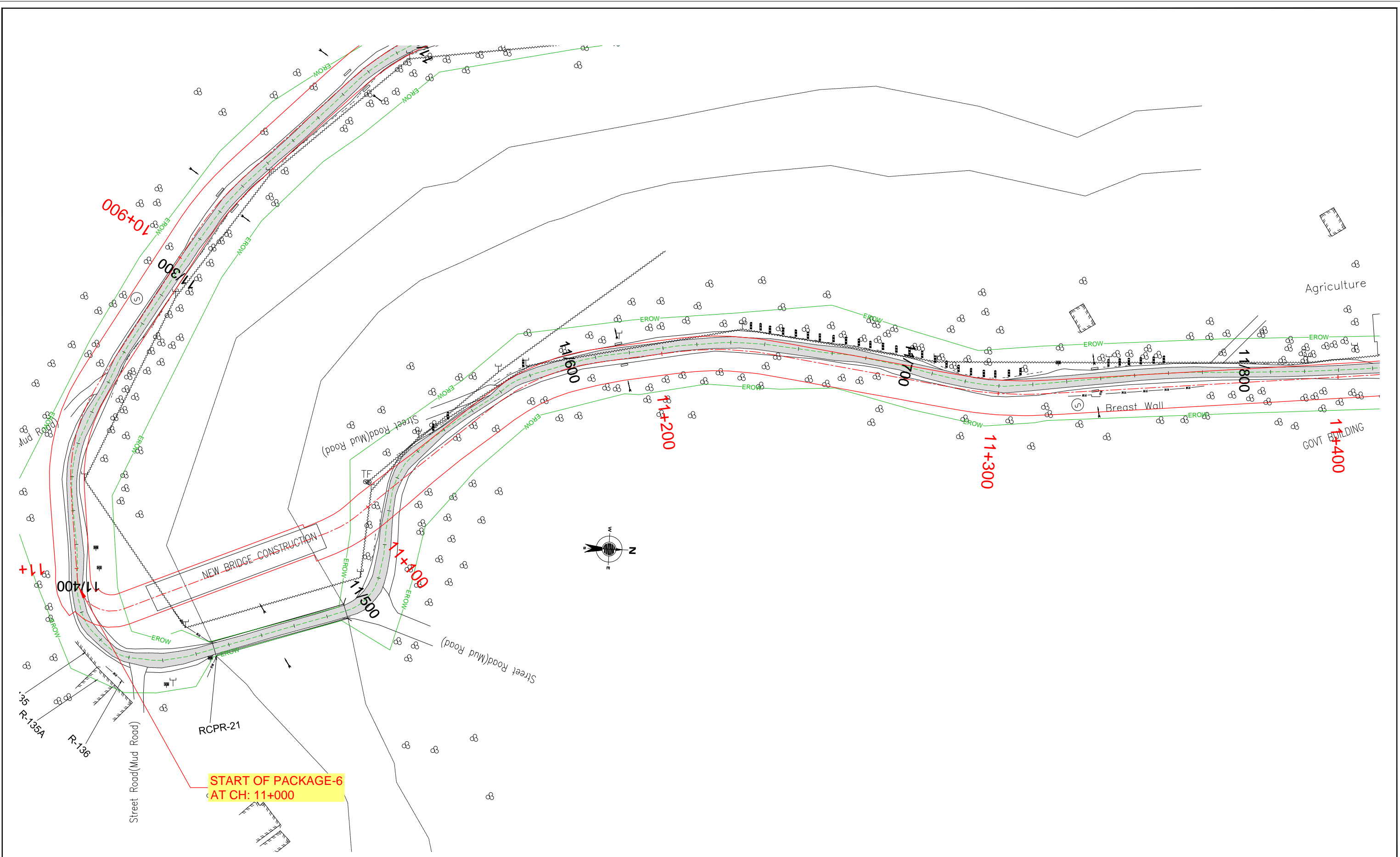
TENDER PURPOSE ONLY

	CLIENT: HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.	CONSULTANT: SATRA SERVICES AND SOLUTIONS PVT LTD. <small>#1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India. Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in</small>	PROJECT: Himachal Pradesh State Roads Transformation Project (HPSRTP)	DESIGNED: MADHUK DRAWN: SATISH CHECKED: CS/AH APPROVED: PRADEEP KAPLA	TITLE : LEGEND DRAWING NO : HP/MAN-KAL/LD-001 ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854	SHEET 01 OF 01
REV: DATE: DESCRIPTION: DESIGNED: DRAWN: CHECKED: APPROVED:						

MDR26-Package-6-Encumbrance Details																	
S.No	Existing Chainage (Km)		No. of Structures	No. of Trees	No. of Electric Poles	No. of Handpump	LA (Sq.m)	Remarks	S.No	Existing Chainage (Km)		No. of Structures	No. of Trees	No. of Electric Poles	No. of Handpump	LA (Sq.m)	Remarks
	From	To								From	To						
1	11/400	11/600	0	7	1	0	0		45	20/200	20/400	1	0	1	0	0	
2	11/600	11/800	0	13	0	0	0		46	20/400	20/600	0	0	0	0	0	
3	11/800	12/000	0	28	0	0	0		47	20/600	20/800	1	0	0	0	0	
4	12/000	12/200	2	28	0	0	0		48	20/800	21/000	2	0	0	0	0	
5	12/200	12/400	1	2	0	1	0		49	21/000	21/200	0	0	0	0	0	
6	12/400	12/600	2	10	0	0	0		50	21/200	21/400	0	0	0	0	0	
7	12/600	12/800	0	9	0	0	0		51	21/400	21/600	1	0	0	0	0	
8	12/800	13/000	0	1	1	0	0		52	21/600	21/800	1	0	2	0	0	
9	13/000	13/200	2	1	0	0	0		53	21/800	22/000	4	0	0	0	0	
10	13/200	13/400	1	1	0	0	0		54	22/000	22/200	0	0	1	0	0	
11	13/400	13/600	0	10	0	0	0		55	22/200	22/400	3	0	0	0	0	
12	13/600	13/800	0	13	0	0	0		56	22/400	22/600	5	0	3	0	0	
13	13/800	14/000	0	2	0	0	0		57	22/600	22/800	1	0	6	0	0	
14	14/000	14/200	0	2	0	0	5200	Forest	58	22/800	23/000	3	0	5	0	0	
15	14/200	14/400	0	11	0	0	5200	Forest	59	23/000	23/200	0	0	0	0	0	
16	14/400	14/600	0	5	1	0	0		60	23/200	23/400	2	1	5	1	0	
17	14/600	14/800	0	9	0	0	0		61	23/400	23/600	0	3	5	0	0	
18	14/800	15/000	0	3	0	0	0		62	23/600	23/800	0	1	4	0	0	
19	15/000	15/200	0	11	0	0	0		63	23/800	24/000	1	0	0	0	0	
20	15/200	15/400	0	1	2	0	0		64	24/000	24/200	0	0	2	0	0	
21	15/400	15/600	0	0	2	0	0		65	24/200	24/400	3	0	0	0	0	
22	15/600	15/800	0	0	0	0	0		66	24/400	24/600	0	0	0	0	0	
23	15/800	16/000	0	1	0	1	0		67	24/600	24/800	3	0	4	0	0	
24	16/000	16/200	0	0	2	0	0		68	24/800	25/000	1	0	4	0	0	
25	16/200	16/400	1	0	1	0	0		69	25/000	25/200	0	0	1	0	0	
26	16/400	16/600	3	0	0	0	0		70	25/200	25/400	0	0	2	0	0	
27	16/600	16/800	2	0	1	0	0		71	25/400	25/600	0	0	1	0	0	
28	16/800	17/000	1	0	3	0	0		72	25/600	25/800	0	0	2	0	0	
29	17/000	17/200	0	0	1	0	0		73	25/800	26/000	0	0	0	0	0	
30	17/200	17/400	0	1	2	0	0		74	26/000	26/200	0	3	2	0	0	
31	17/400	17/600	0	0	1	0	0		75	26/200	26/400	0	0	2	0	0	
32	17/600	17/800	0	0	2	0	0		76	26/400	26/600	0	7	2	0	0	
33	17/800	18/000	0	0	3	0	0		77	26/600	26/800	0	0	0	0	0	
34	18/000	18/200	0	0	0	0	0		78	26/800	27/000	0	0	3	0	0	
35	18/200	18/400	0	0	1	0	0		79	27/000	27/200	0	0	1	0	0	
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38	18/800	19/000	0	1	0	0	0		82	27/600	27/800	1	0	0	0	0	
39	19/000	19/200	0	0	0	0	0		83	27/800	28/000	0	0	0	0	0	
40	19/200	19/400	0	1	0	0	0		84	28/000	28/200	1	3	0	0	0	
41	19/400	19/600	0	0	0	0	0		85	28/200	28/400	1	3	1	1	0	
42	19/600	19/800	0	0	2	0	0		86	28/400	28/444	1	1	2	0	0	
43	19/800	20/000	4	0	0	0	0										
44	20/000	20/200	0	0	0	0	0										
Total												55	195	97	4	10400	


TENDER PURPOSE ONLY

CLIENT:  HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.					CONSULTANT:  SATRA SERVICES AND SOLUTIONS PVT LTD. #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India. Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in					PROJECT: Himachal Pradesh State Roads Transformation Project (HPSRTP)					DESIGNED: MADHUK DRAWN: DANIEL CHECKED: CS/AH APPROVED: PRADEEP KAPLA		TITLE : ENCUMBRANCE DETAILS DRAWING NO : HP/MAN-KAL/ED-001 ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854					SHEET 01 OF 01
REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED	SCALE: HOR 1:1000															



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



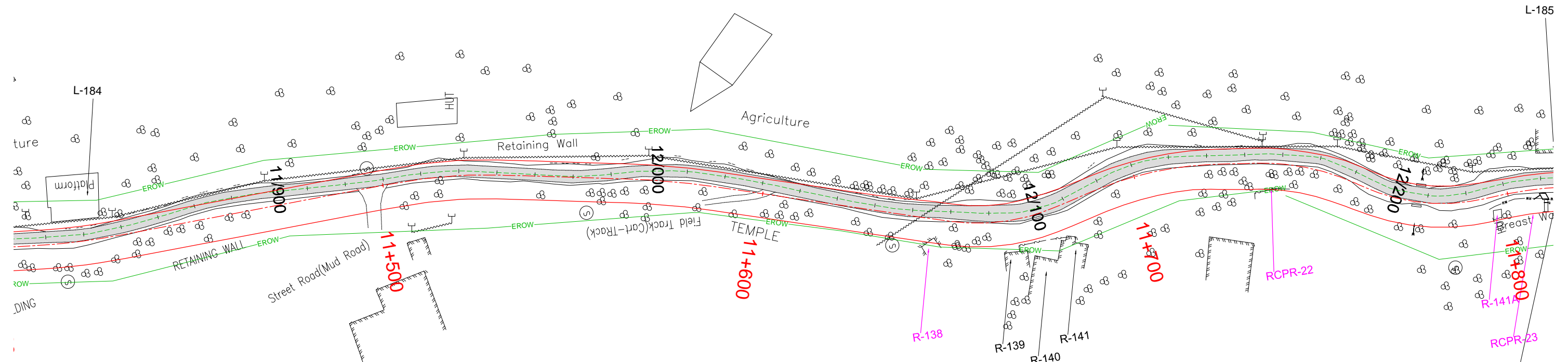
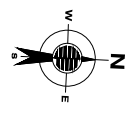
DESIGNED	MADHUK
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE :
 ENCUMBRANCE PLAN FROM CH: 11+000 TO 11+400

DRAWING NO : HP/MAN-KAL/EP-001

ROAD NAME : Package-VI:
 Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854


SHEET 01 OF 36



GPSNO	GPS5
EASTING	678206.274
NORTHING	3502918.063
LEVEL	-
LONGITUDE	76° 52' 45.72
LATITUDE	31° 38' 51.50

TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



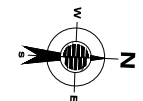
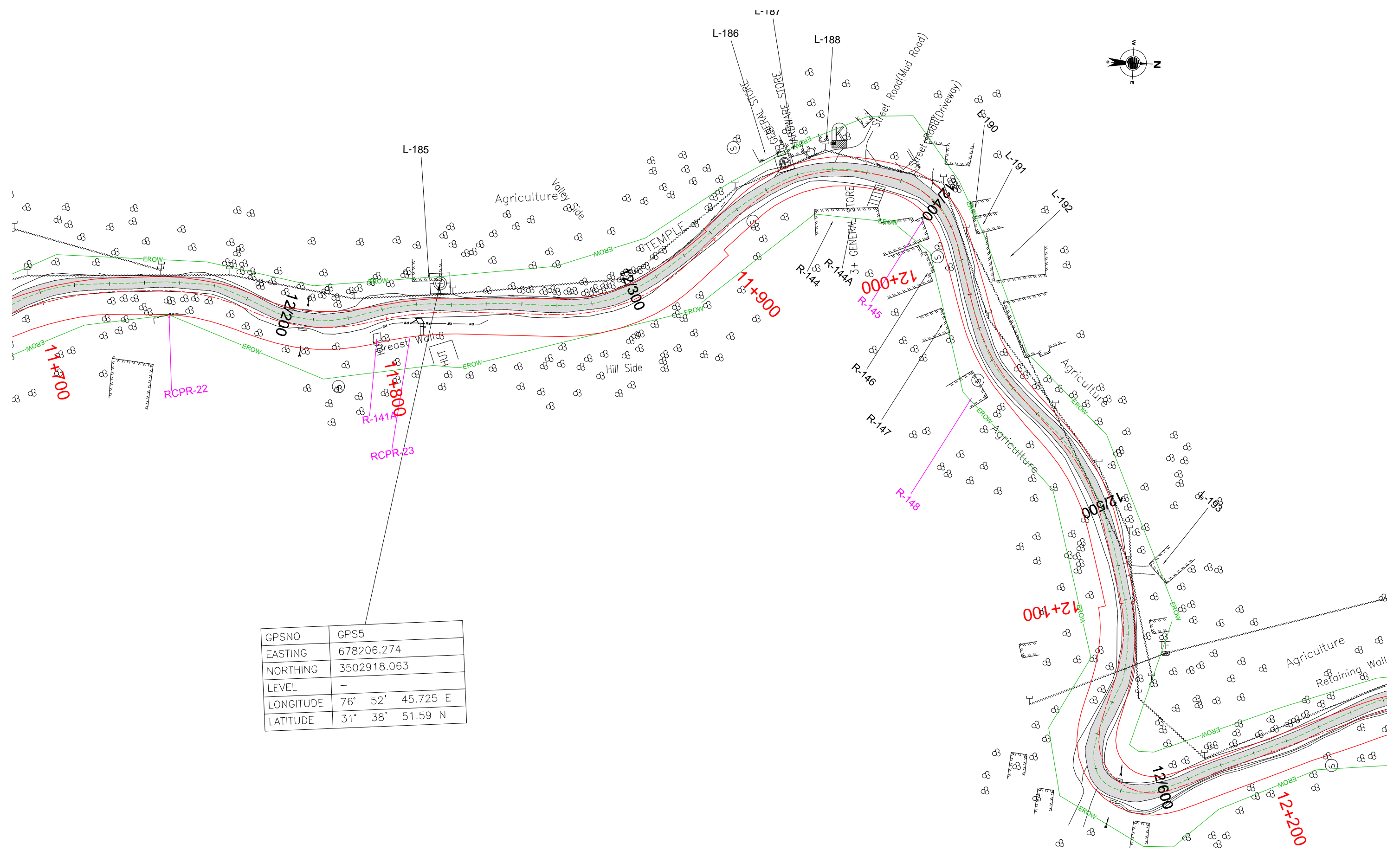
DESIGNED	MADHU.K
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE : ENCUMBRANCE PLAN FROM CH: 11+400 TO 11+800

DRAWING NO : HP/MAN-KAL/EP-002

ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854


SHEET 02 OF 36



GPSNO	GPS5
EASTING	678206.274
NORTHING	3502918.063
LEVEL	-
LONGITUDE	76° 52' 45.725 E
LATITUDE	31° 38' 51.59 N

TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



DESIGNED	MADHUK
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE : ENCUMBRANCE PLAN FROM CH: 11+800 TO 12+200

DRAWING NO : HP/MAN-KAL/EP-003

ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854


SHEET 03 OF 36



200


TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED

CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

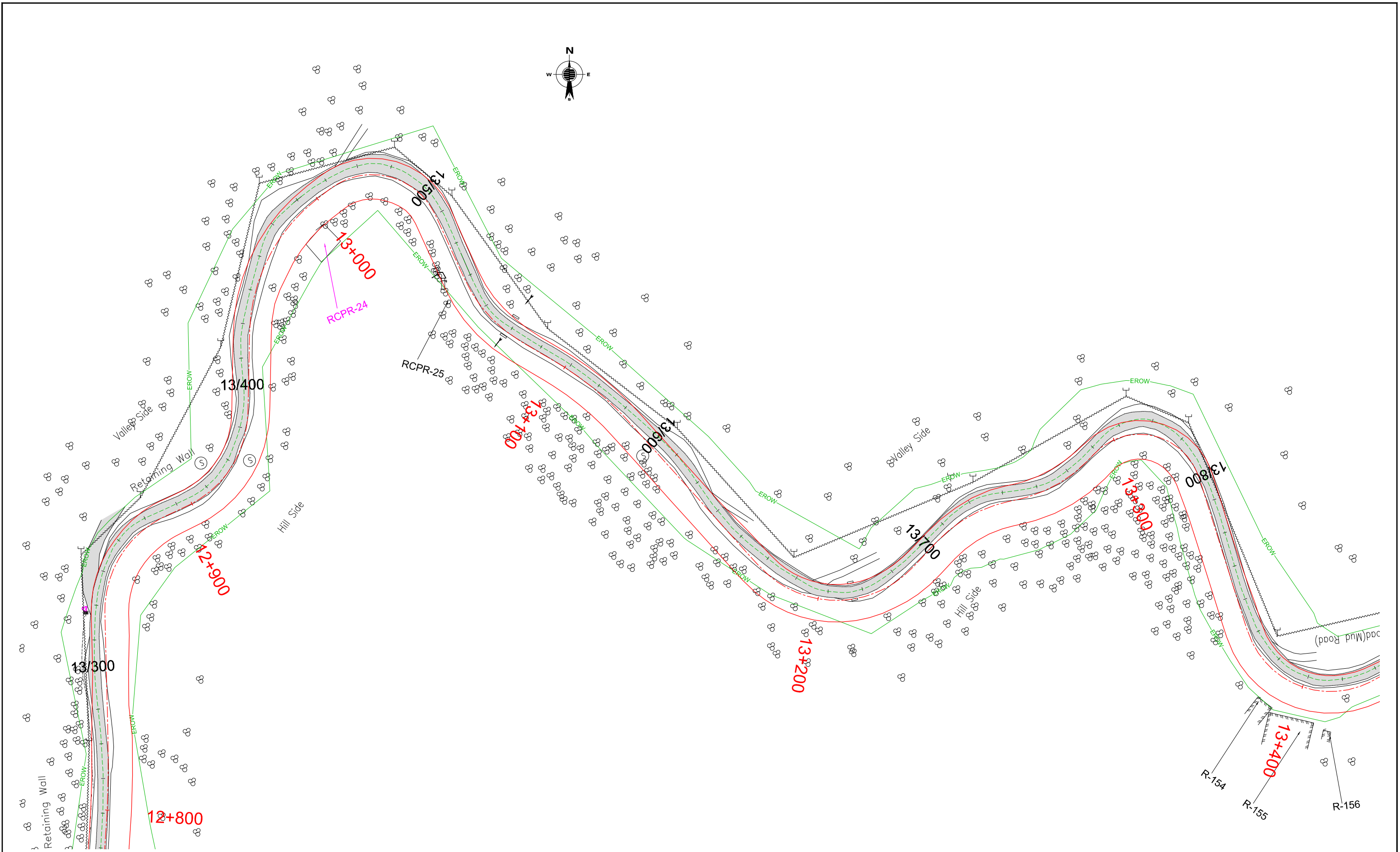
CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)
 SCALE: HOR 1:1000



DESIGNED	MADHU.K
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE : ENCUMBRANCE PLAN FROM CH: 12+200 TO 12+800
DRAWING NO : HP/MAN-KAL/EP-004
ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854
 SHEET 04 OF 36



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

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 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



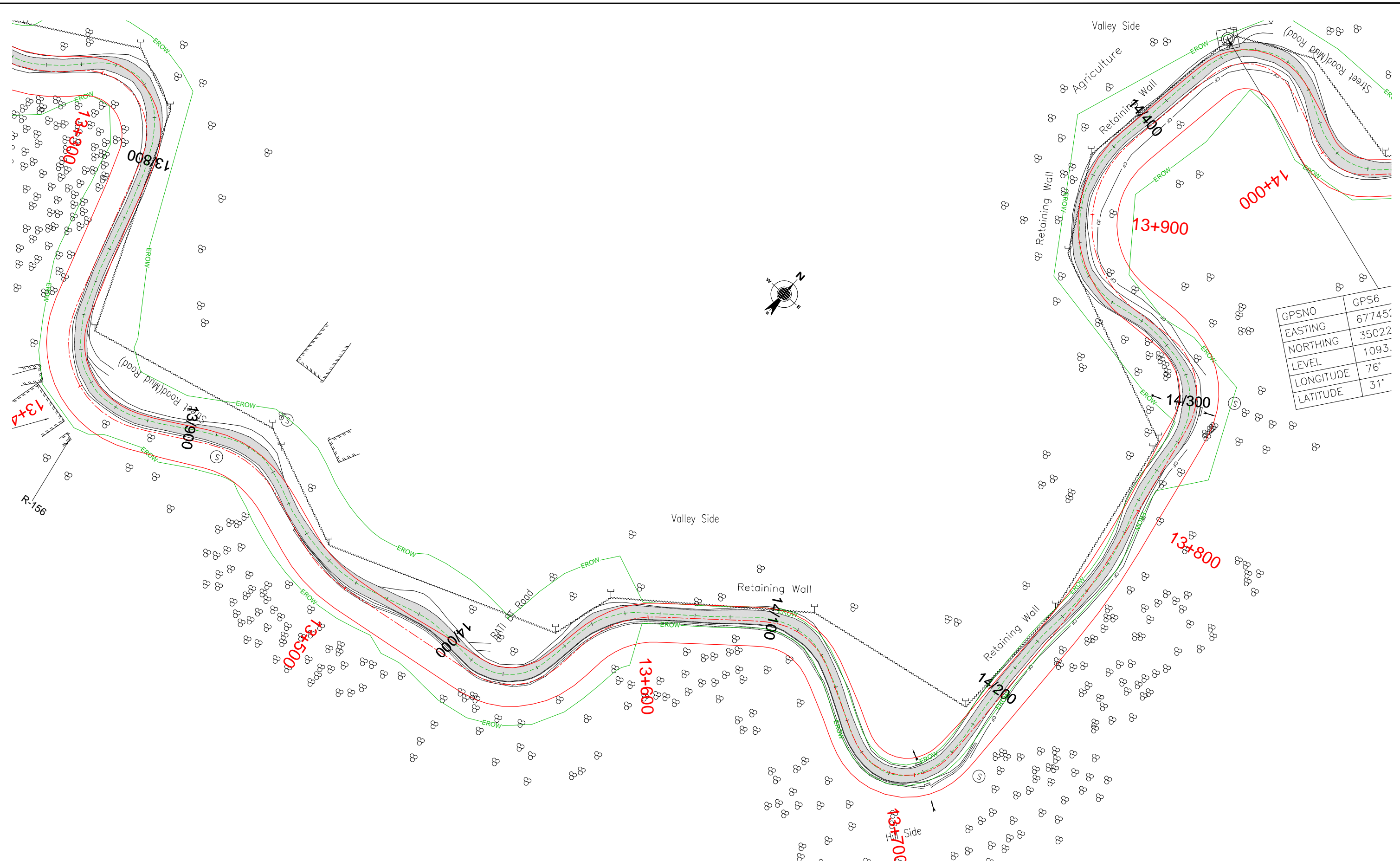
DESIGNED	MADHU.K
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE : ENCUMBRANCE PLAN FROM CH: 12+800 TO 13+400

DRAWING NO : HP/MAN-KAL/EP-005


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 05 OF 36



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



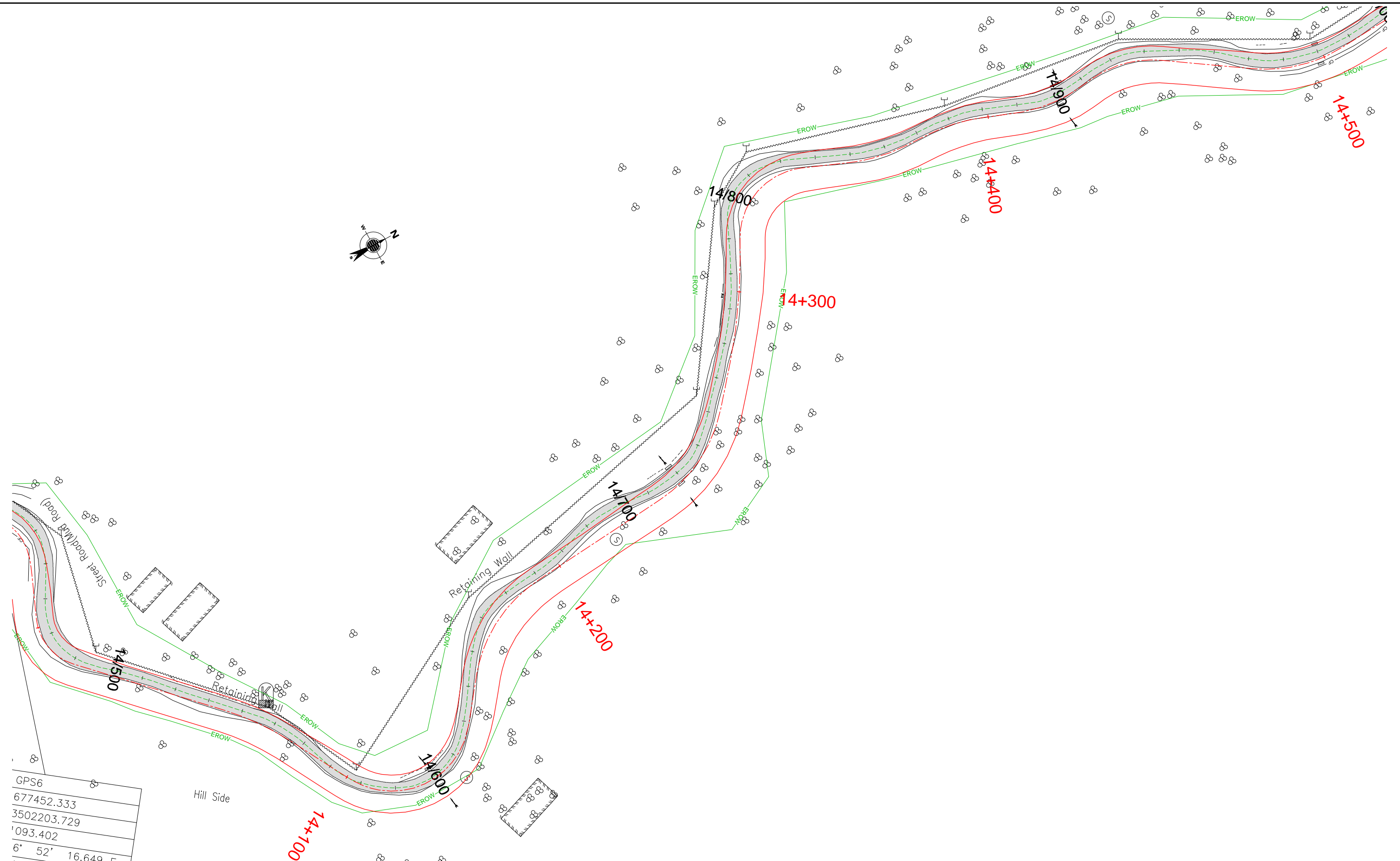
DESIGNED	MADHUK
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE : ENCUMBRANCE PLAN FROM CH: 13+400 TO 14+000

DRAWING NO : HP/MAN-KAL/EP-006


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 06 OF 36



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



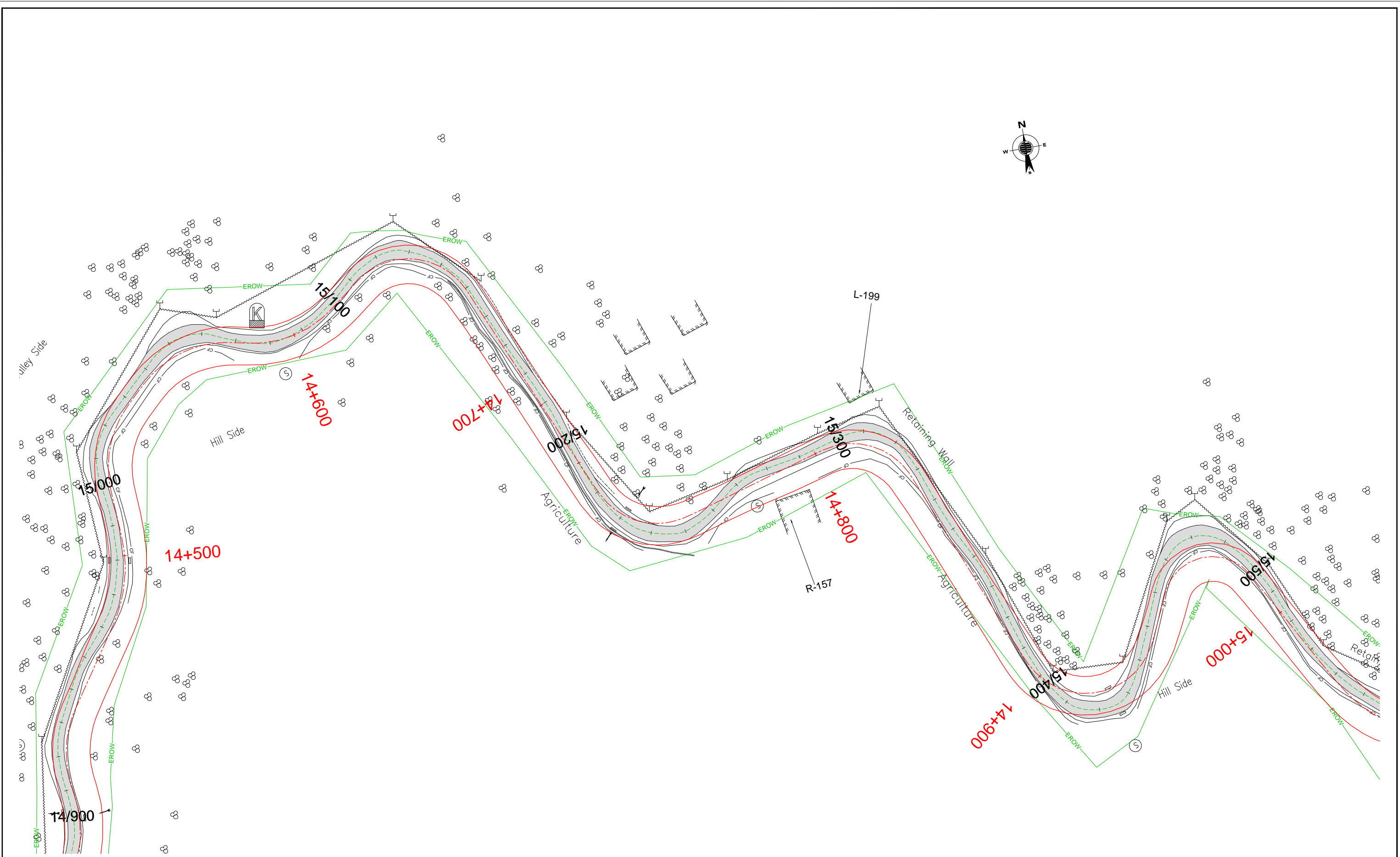
DESIGNED	MADHU.K
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE : ENCUMBRANCE PLAN FROM CH: 14+000 TO 14+500

DRAWING NO : HP/MAN-KAL/EP-007


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 07 OF 36



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



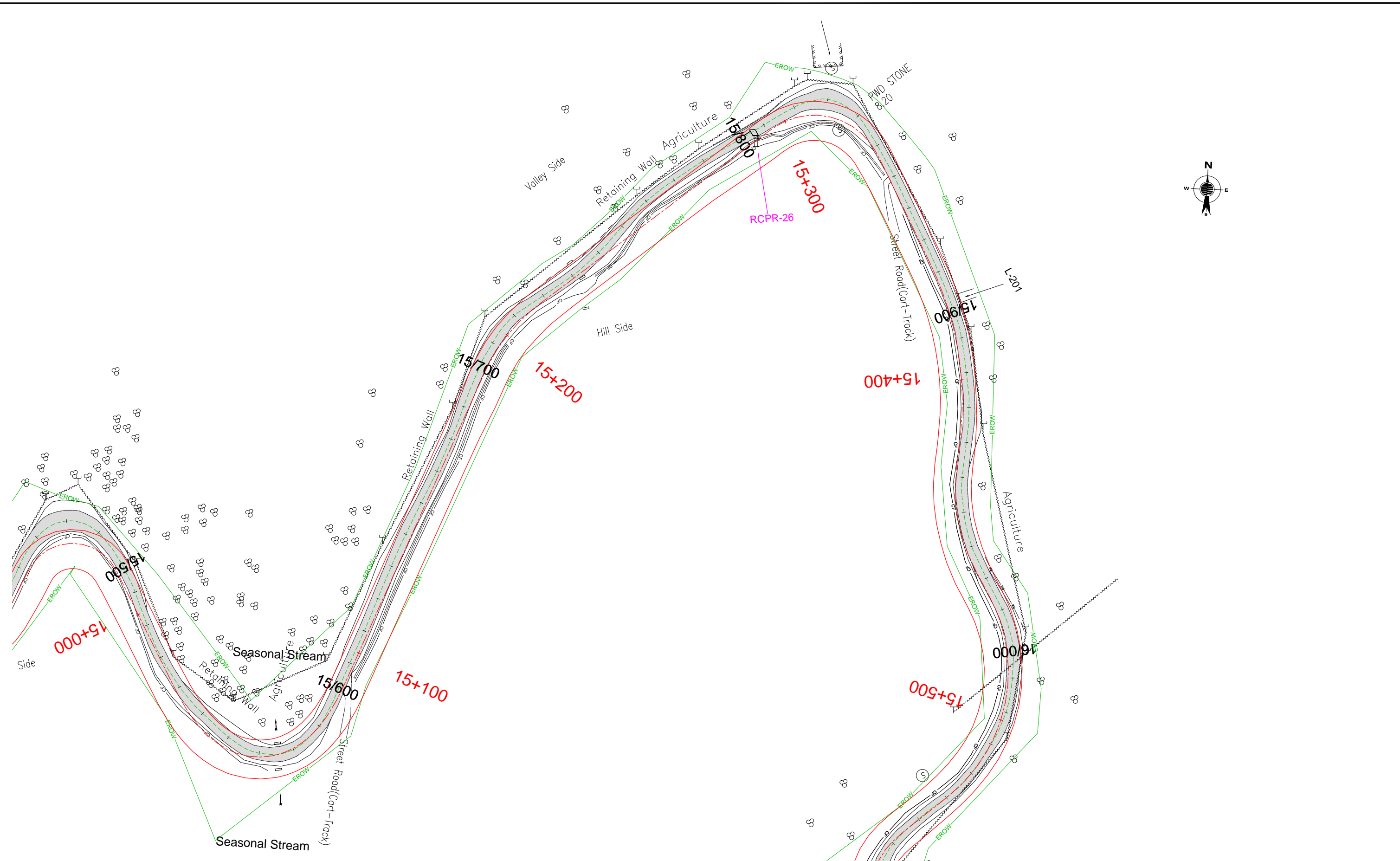
DESIGNED	MADHU.K
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE :
 ENCUMBRANCE PLAN FROM CH: 14+500 TO 15+000

DRAWING NO : HP/MAN-KAL/EP-008


ROAD NAME : Package-VI:
 Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 08 OF 36



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
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 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



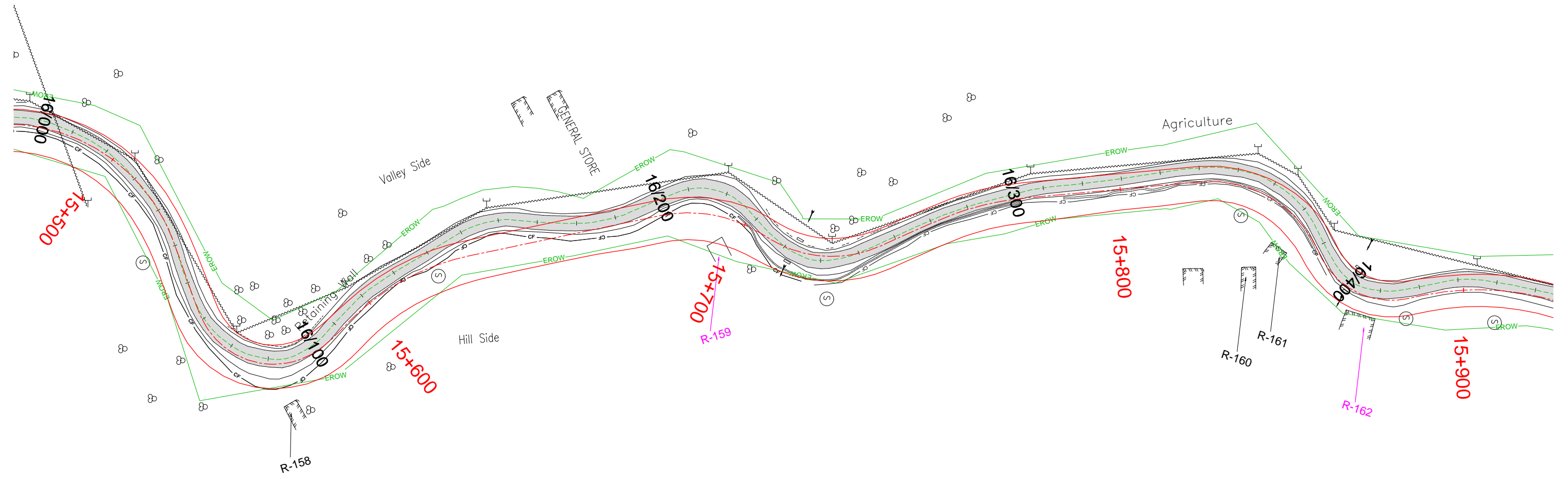
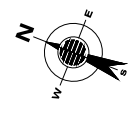
DESIGNED	MADHU.K
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE : ENCUMBRANCE PLAN FROM CH: 15+000 TO 15+500

DRAWING NO : HP/MAN-KAL/EP-009


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 09 OF 36



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



DESIGNED	MADHU.K
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

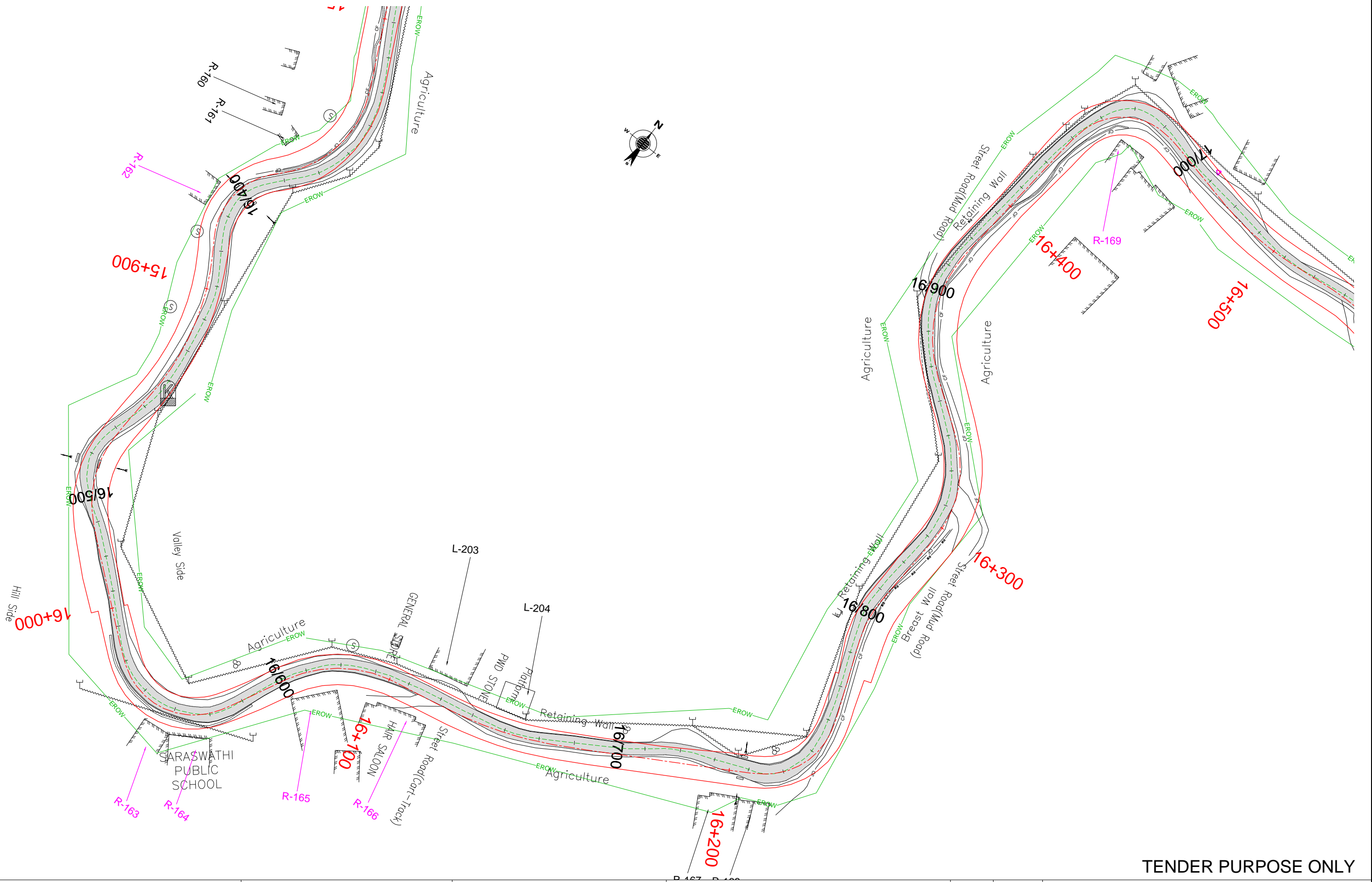
TITLE : ENCUMBRANCE PLAN FROM CH: 15+500 TO 15+900

DRAWING NO : HP/MAN-KAL/EP-010

ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854


SHEET 10 OF 36

I:\192.168.1.240\projects\01041055-HPSRTP\04 Designs\01 Highways\02 Drawings\Working\05. DPR 2019 12 27\PKG-5 MDR-26\22.06.2021\12.06.2021 PKG-6\03. Utility Plan\03. MDR-26 Utility Plan P6.dwg



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



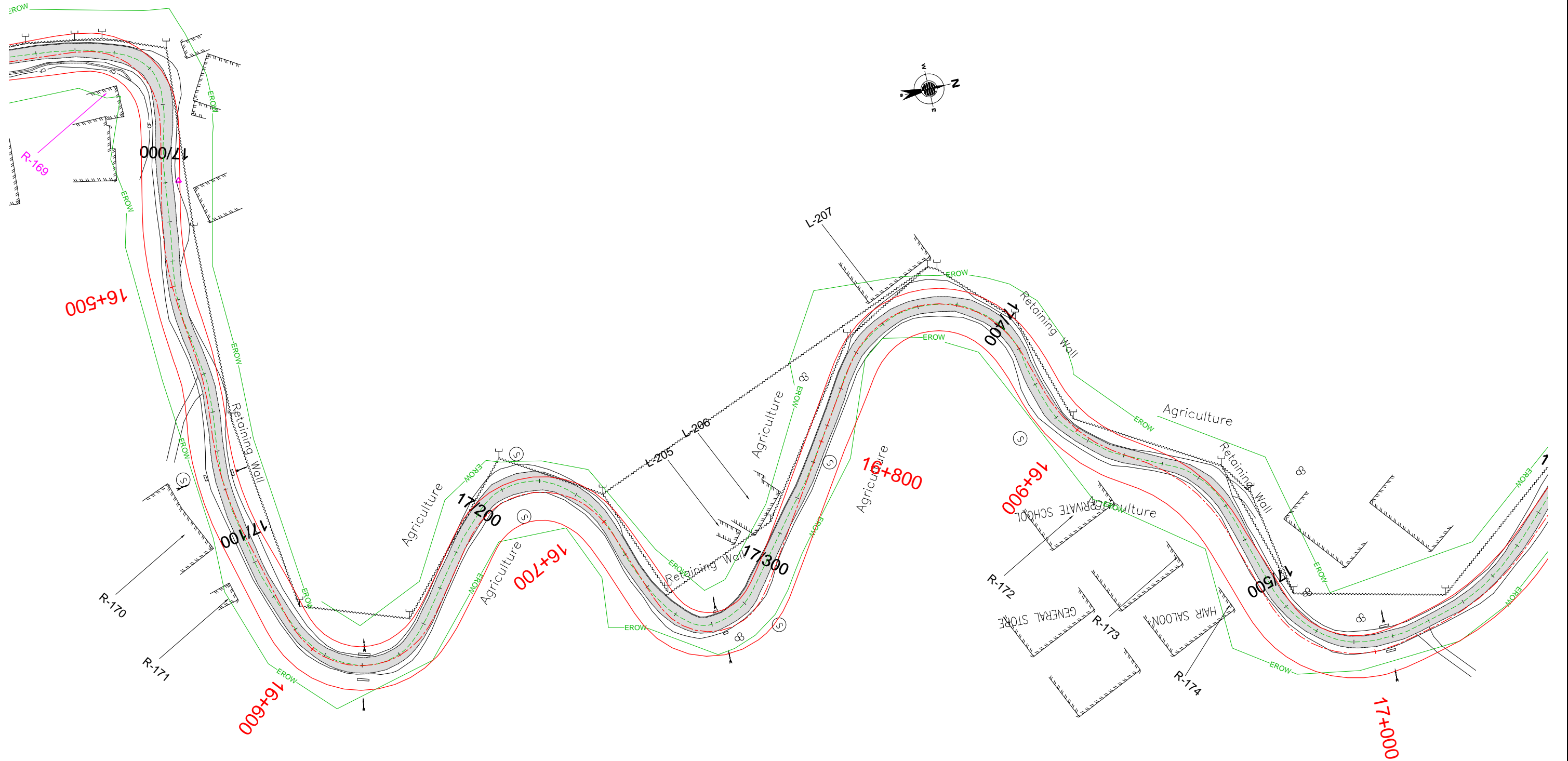
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DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE : ENCUMBRANCE PLAN FROM CH: 15+900 TO 16+500

DRAWING NO : HP/MAN-KAL/EP-011


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 11 OF 36



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
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 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



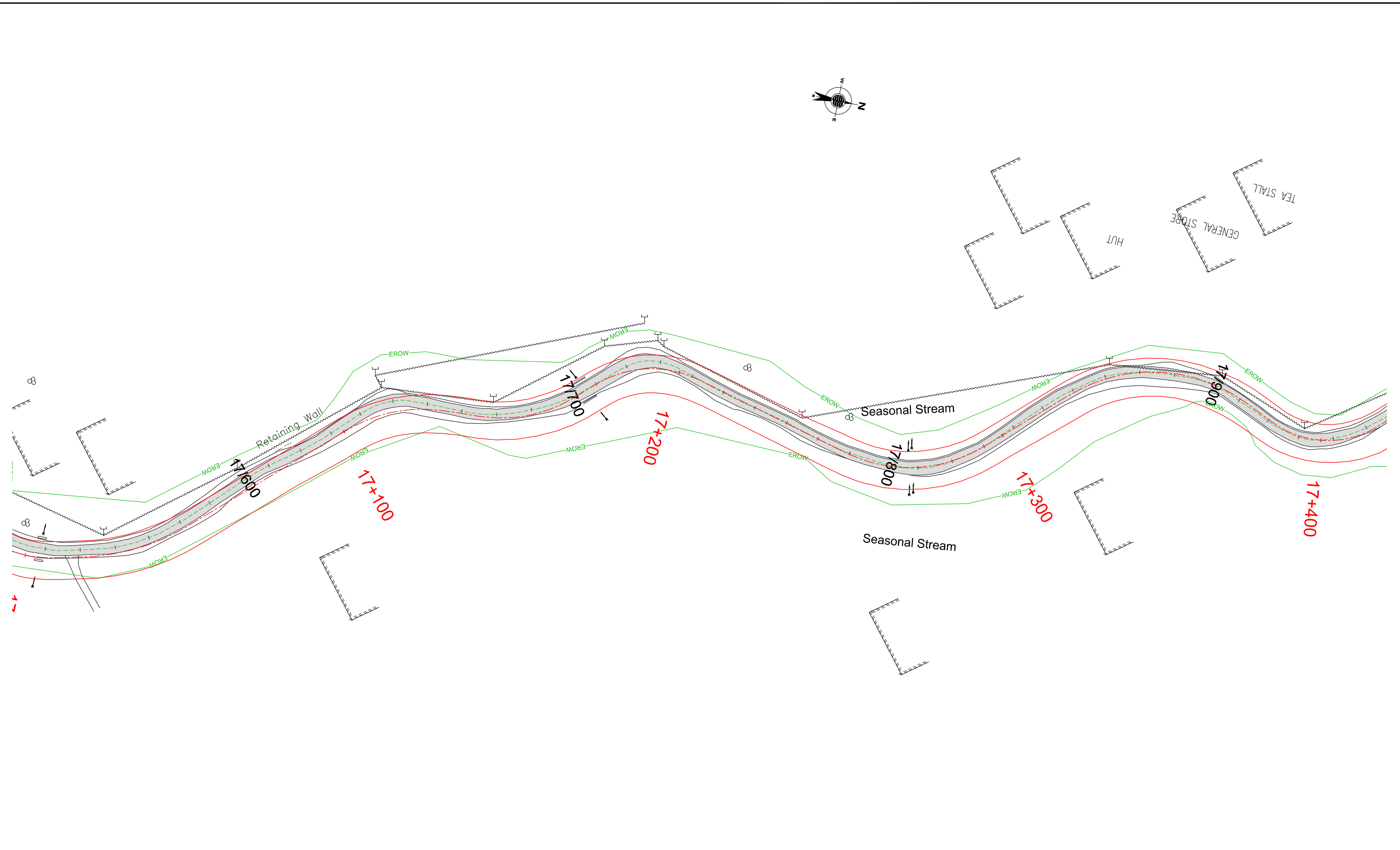
DESIGNED	MADHUK
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE : ENCUMBRANCE PLAN FROM CH: 16+500 TO 17+000

DRAWING NO : HP/MAN-KAL/EP-012


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 12 OF 36



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

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 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



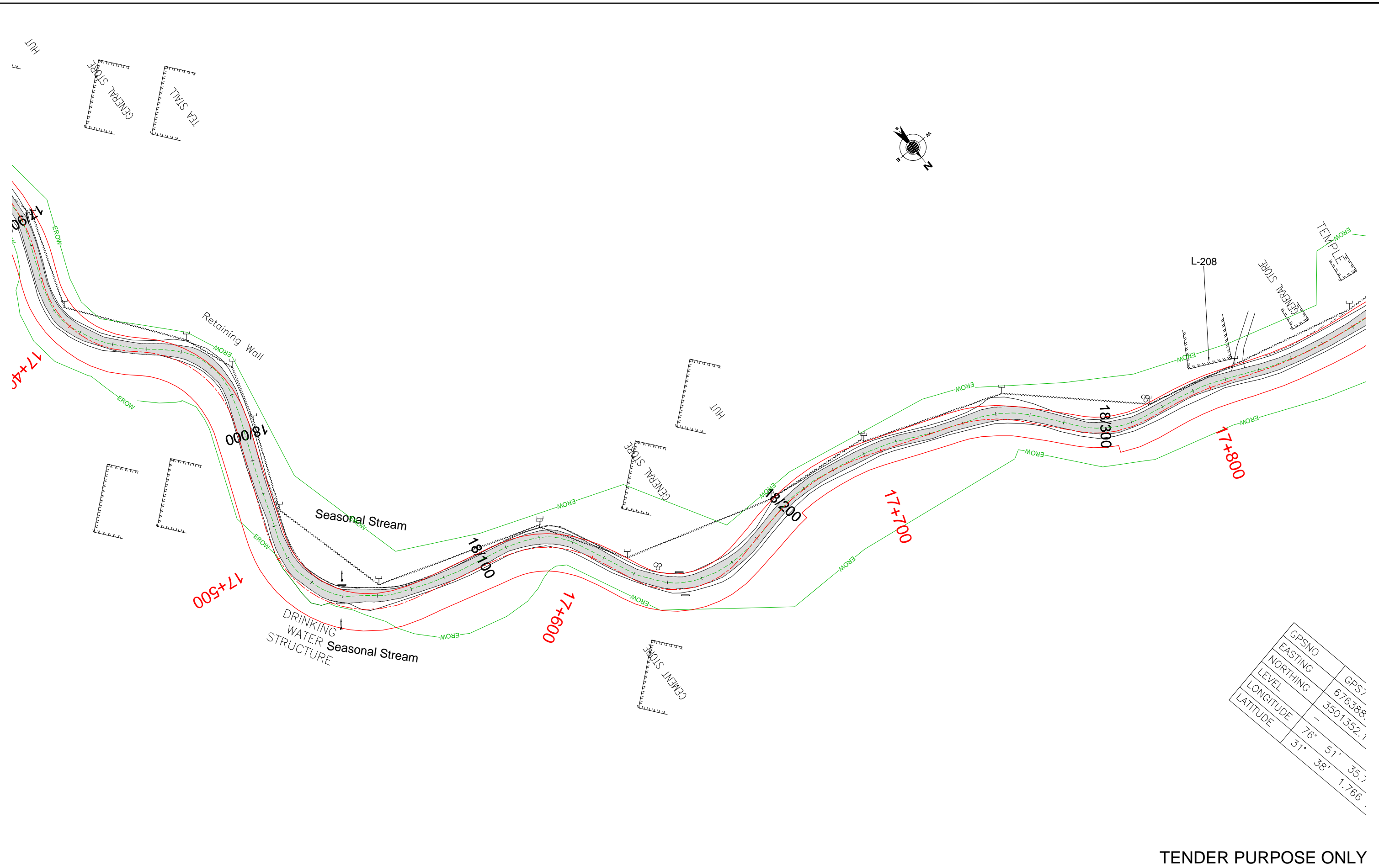
DESIGNED	MADHU.K
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE :
 ENCUMBRANCE PLAN FROM CH: 17+000 TO 17+400

DRAWING NO : HP/MAN-KAL/EP-013

ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854


SHEET 13 OF 36



GPSNO	GPS7
EASTING	676388
NORTHING	3501352.1
LEVEL	-
LONGITUDE	76° 51' 35.7"
LATITUDE	31° 38' 1.766"

TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
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 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



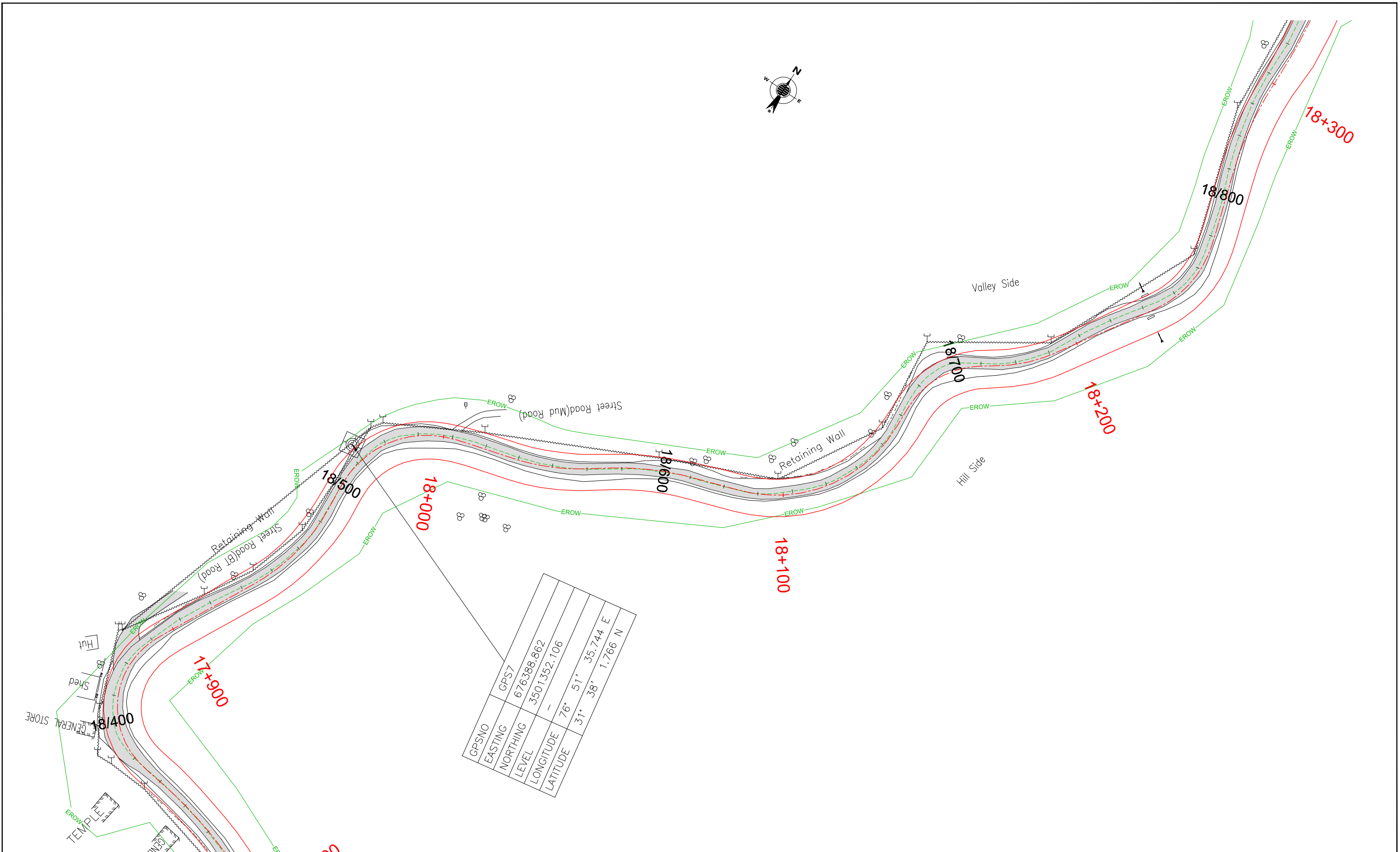
DESIGNED	MADHUJ K
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE : ENCUMBRANCE PLAN FROM CH: 17+400 TO 17+800

DRAWING NO : HP/MAN-KAL/EP-014


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 14 OF 36



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE: HOR 1:1000



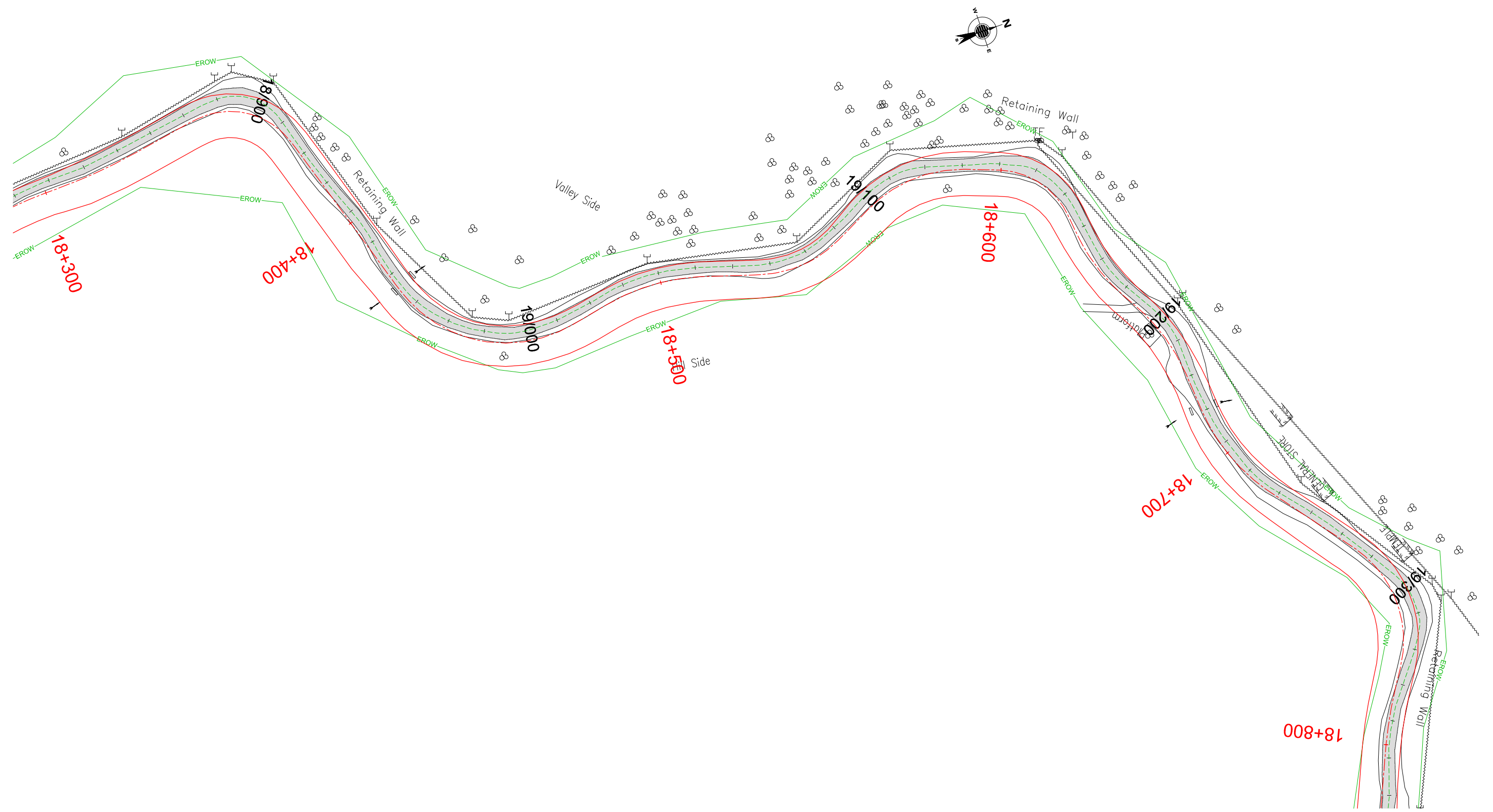
DESIGNED	MADHUK
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE : ENCUMBRANCE PLAN FROM CH: 17+800 TO 18+300

DRAWING NO : HP/MAN-KAL/EP-015


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 15 OF 36



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



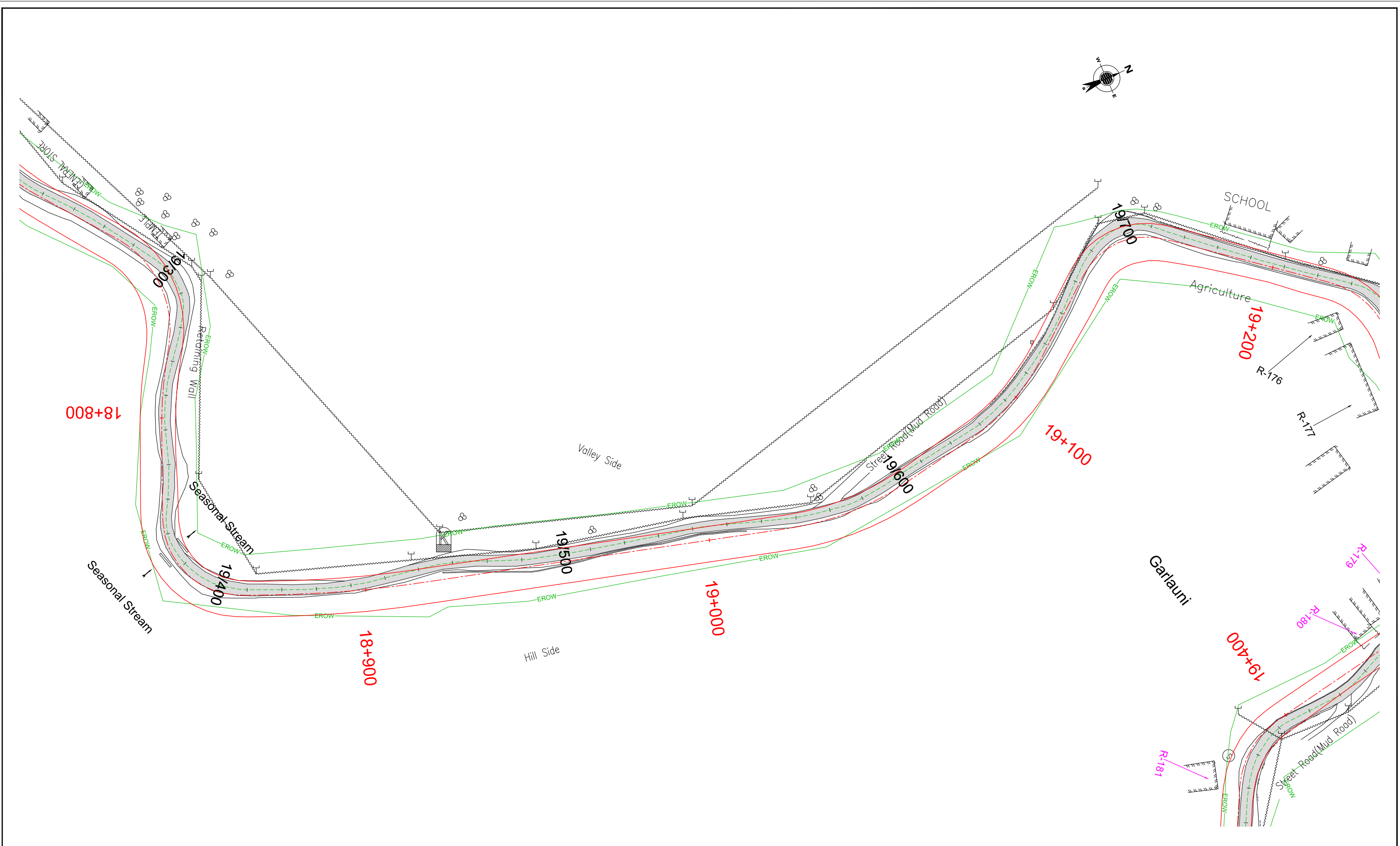
DESIGNED	MADHU.K
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE : ENCUMBRANCE PLAN FROM CH: 18+300 TO 18+800

DRAWING NO : HP/MAN-KAL/EP-016


ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 16 OF 36



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
 #1-8-359 to 363, 4th Floor, Centre Point Building, SP Road, Begumpet, Secunderabad, Telangana - 500003, India.
 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



DESIGNED	MADHU.K
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

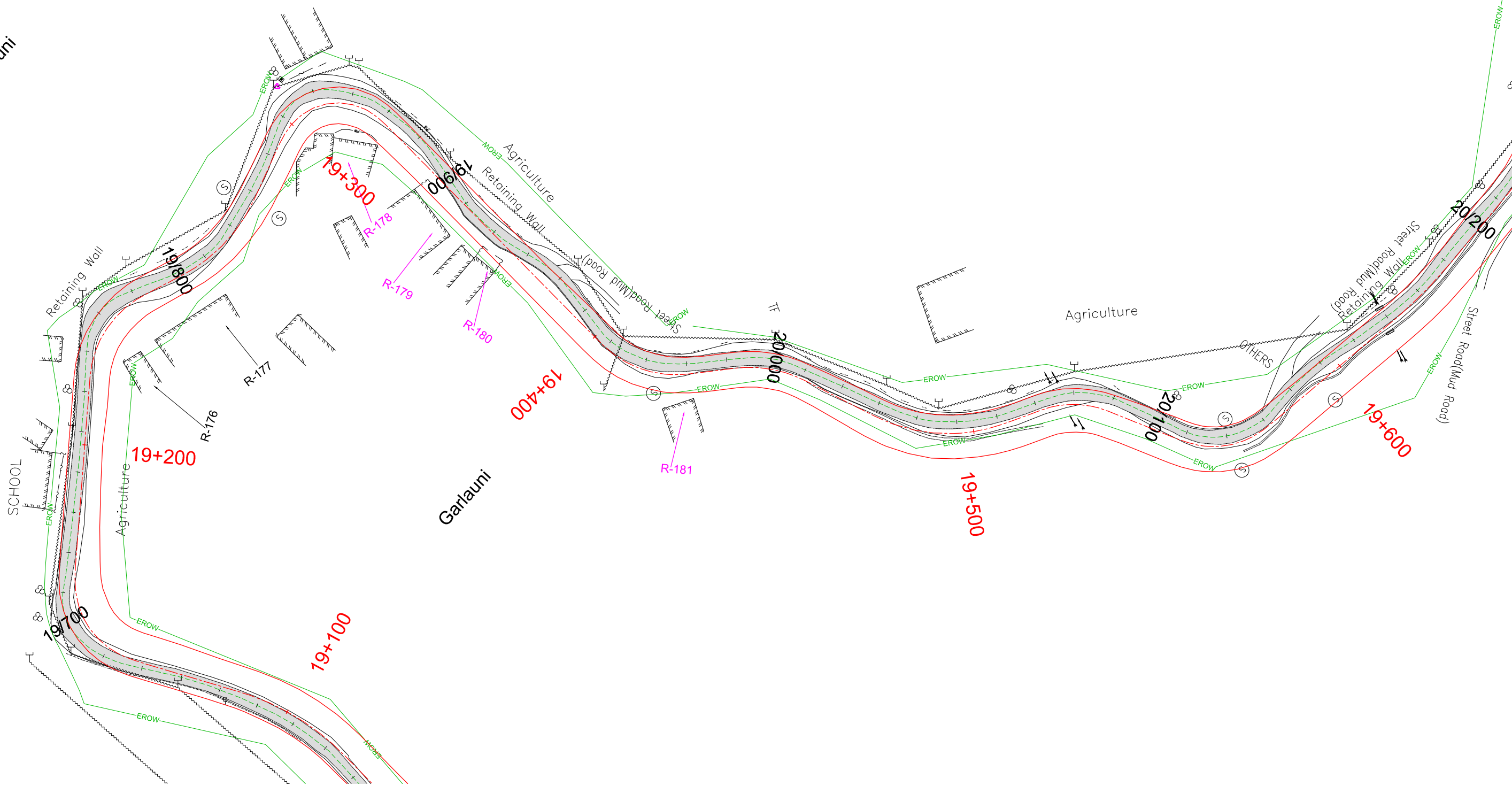
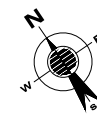
TITLE : ENCUMBRANCE PLAN FROM CH: 18+800 TO 19+200

DRAWING NO : HP/MAN-KAL/EP-017

ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854


SHEET 17 OF 36

Garlauni



TENDER PURPOSE ONLY

REV	DATE	DESCRIPTION	DESIGNED	DRAWN	CHECKED	APPROVED


CLIENT:

 HIMACHAL PRADESH ROAD AND OTHER INFRASTRUCTURE DEVELOPMENT CORPORATION LIMITED.

CONSULTANT:

 SATRA SERVICES AND SOLUTIONS PVT LTD.
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 Tel: +91 40 2784 0040, Fax: +91 40 2784 0050, E-mail: info@satragroup.in, Web: www.satragroup.in

PROJECT:
 Himachal Pradesh State Roads Transformation Project (HPSRTP)

SCALE:
 HOR 1:1000



DESIGNED	MADHU.K
DRAWN	DANIEL
CHECKED	CS/AH
APPROVED	PRADEEP KAPLA

TITLE :
 ENCUMBRANCE PLAN FROM CH: 19+200 TO 19+600

DRAWING NO : HP/MAN-KAL/EP-018

ROAD NAME : Package-VI: Upgradation of Mandi - Rewalsar - Kalkhar Road in Mandi District From Km 11+000 To Km 27+854

SHEET 18 OF 36

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