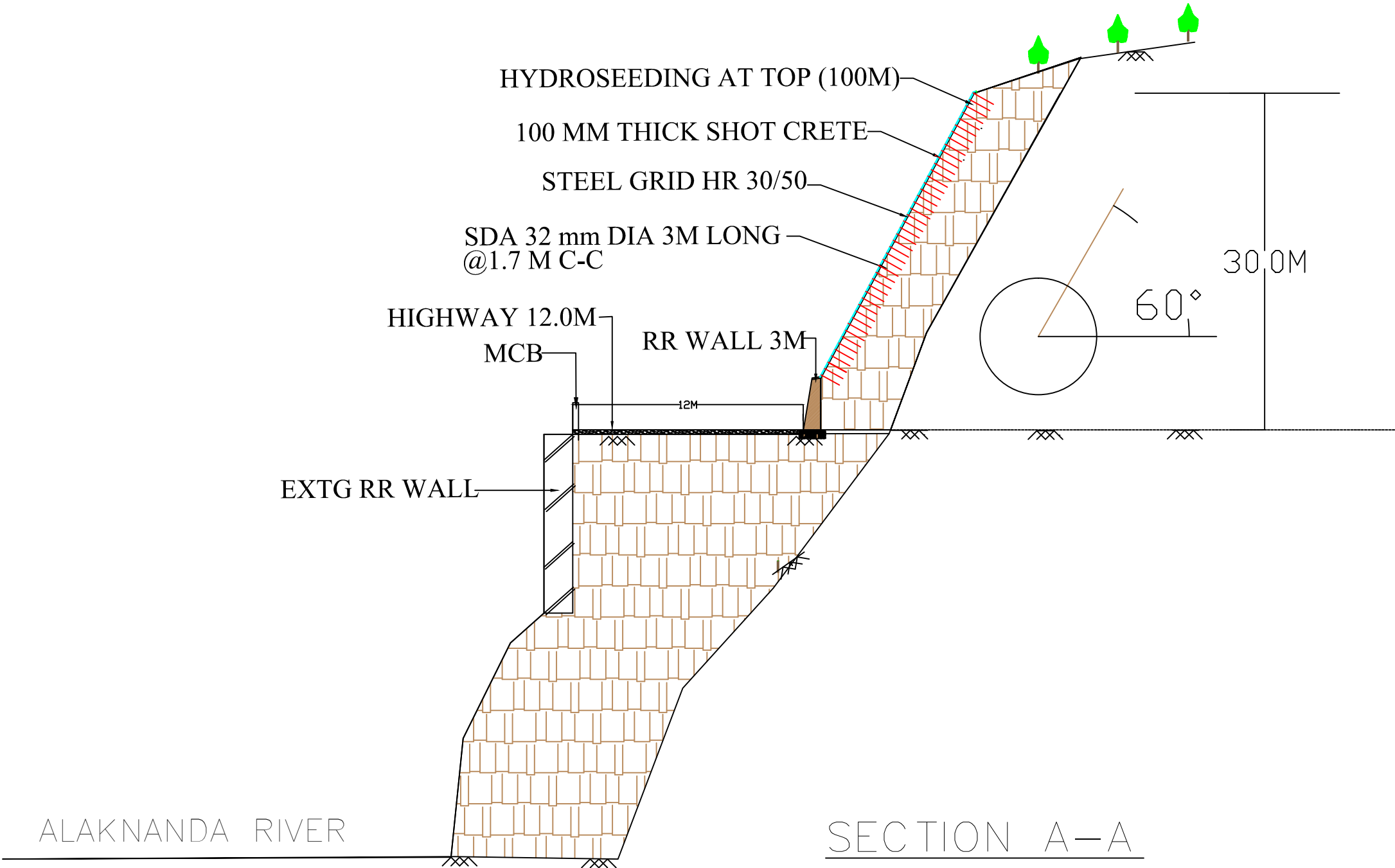


DETAIL TECHNICAL EXAMINATION/ EVALUTION
OF LANDSLIDE LOCATIONS AND SINKING ZONES
BETWEEN CHAINAGE— 384.680 TO 411.530
AT NH-07 (PACKAGE-I)
IN DISTT CHAMOLI (UTTARAKHAND)

INDEX

SL.NO	C HAINAGE	LENGTH	LOCAL NAME
1	KM 384.680 TO 384.880	200 Mtr	KAMEDA—I
2	KM 385.500 TO 385.640	140 Mtr	KAMEDA—II
3	KM 387.190 TO 387.260	70 Mtr	ITBP, GAUCHER
4	KM 392.450 TO 392.500	50 Mtr	DHARI NAGAR
5	KM 394.800 TO 394.830	30 Mtr	BRO DETT. GAUCHER
6	KM 400.450 TO 400.600	150 Mtr	KARNPRAYAG—I
7	KM 400.750 TO 400.850	100 Mtr	KARNPRAYAG—II
8	KM 406.310 TO 406.330	20 Mtr	LANGASU
9	KM 411.380 TO 411.440	60 Mtr	DEVLI BAGAD—I
10	KM 411.490 TO 411.530	40 Mtr	DEVLI BAGAD—II

DETAILS OF PROPOSED SINKING ZONE AT CHAINAGE KM 384.680 TO 384.880 (KAMEDA-1)

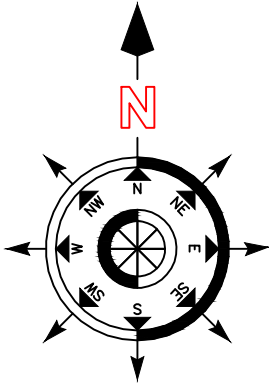


NOTES:-

- 1. ALL DIMENSIONS ARE IN MTR.
- 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
- 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
- 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND

SHOT CRETE	
STEEL GRID HR 50	
HYDROSEEDING	
CTA 3M LONG	
RR WALL	




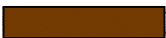



SINKING ZONE (1-S)

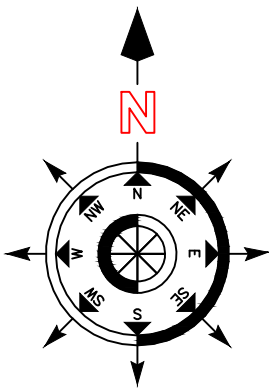
DWG. No.	SHEET No.	DATE
NHIDCL/LS	02/20	18/12/2020
		SCALE 1:1

DETAILS OF PROPOSED SINKING ZONE AT CHAINAGE KM 384.680 TO 384.880 (KAMEDA-I)

- NOTES:-
1. ALL DIMENSIONS ARE IN MTR.
 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

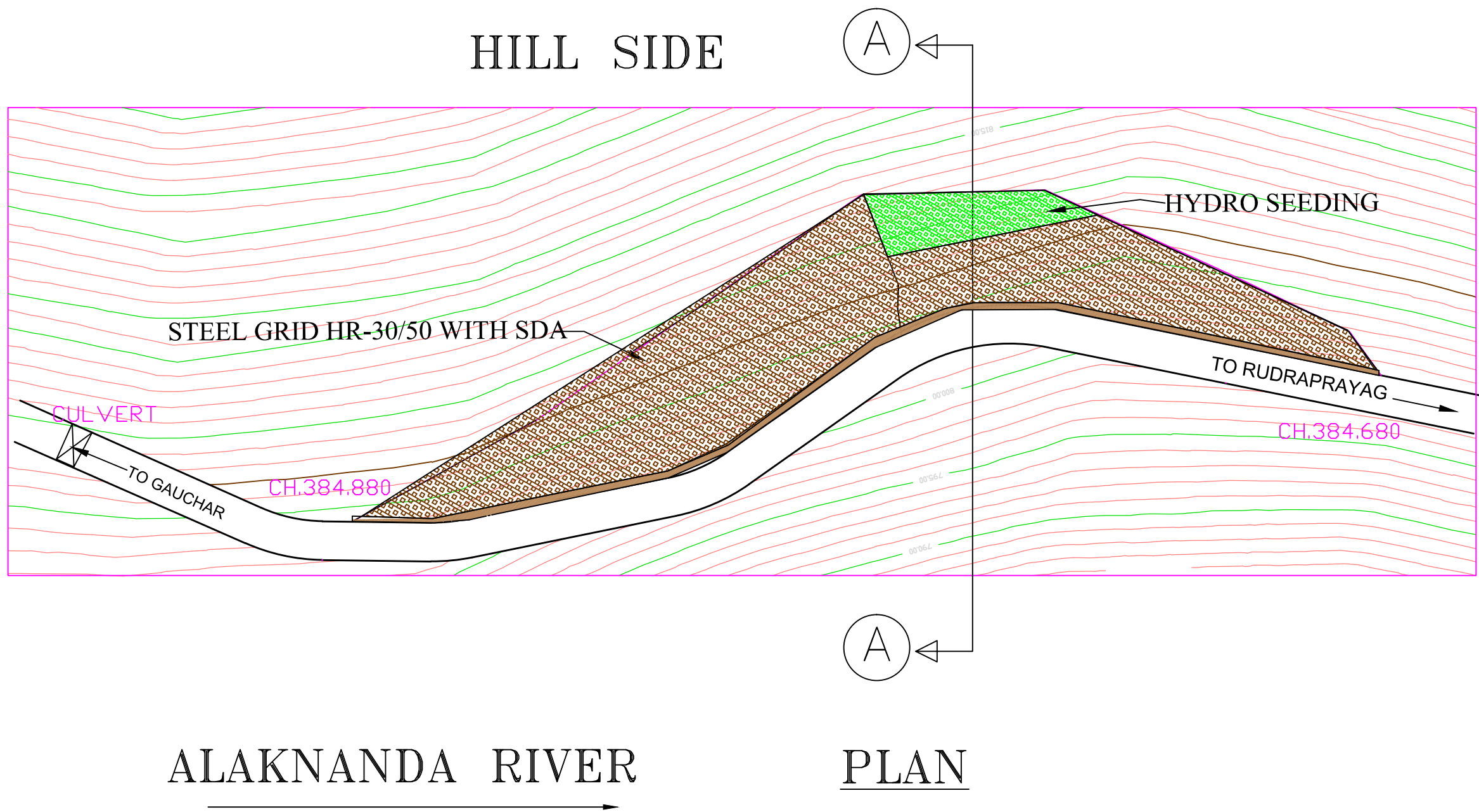
LEGEND

- SHOT CRETE 
- STEEL GRID HR 50 
- HYDROSEEDING 
- SDA 
- RR WALL 

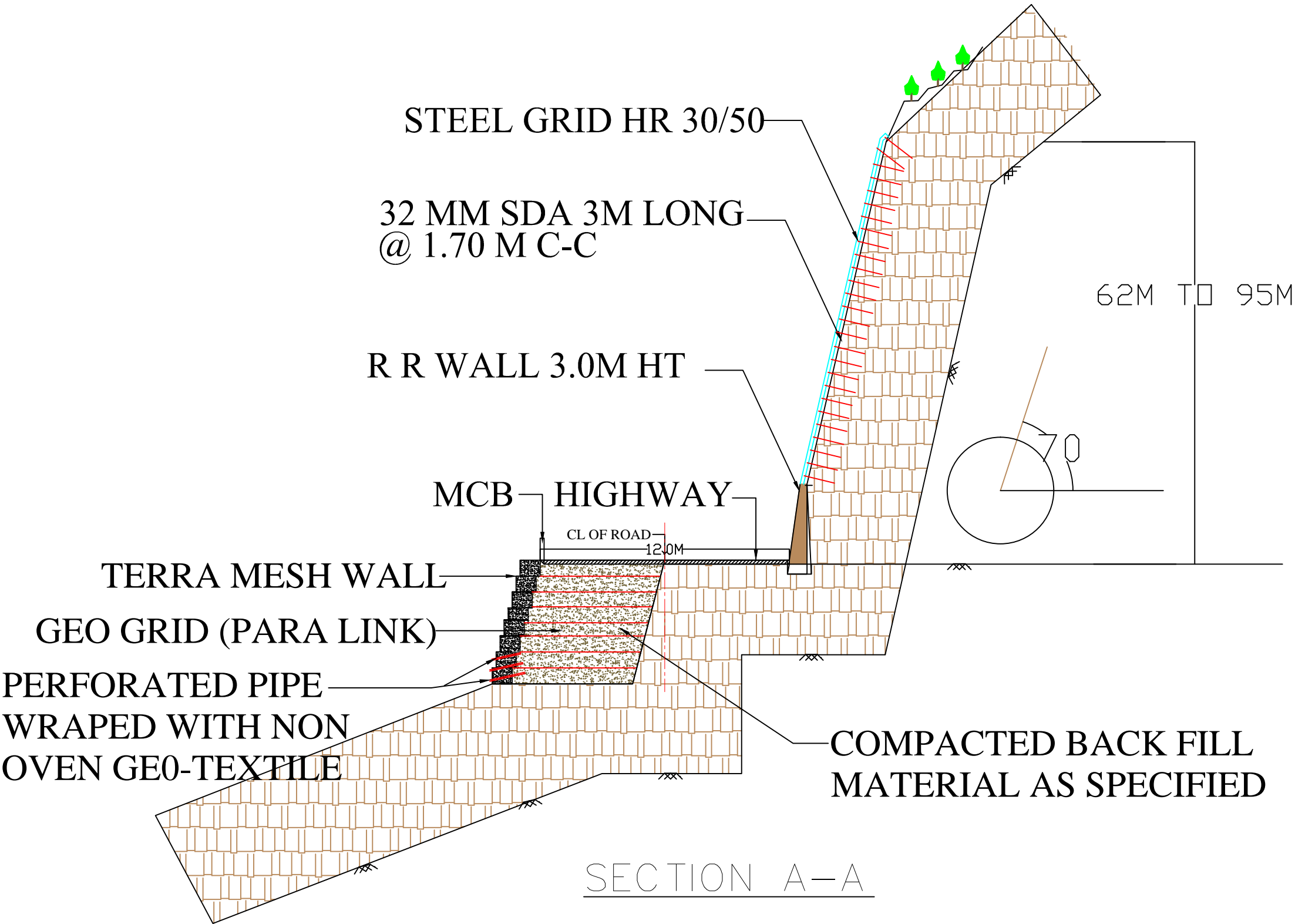


SINKING ZONE (1-S)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	01/20	24/12/2020
		SCALE 1:1



DETAILS OF PROPOSED SINKING ZONE AT CHAINAGE
KM 385.500 TO 385.640 (KAMEDA-II)

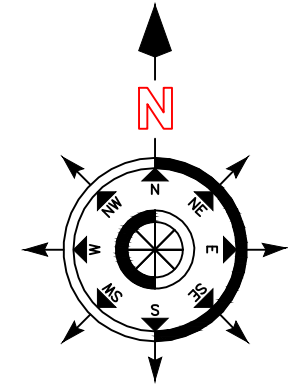


NOTES:-

1. ALL DIMENSIONS ARE IN MTR.
2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND

SDA	
RR WALL	
TERRA MESH	
BACK FILL	
GEO GRID (PARA-LINK)	
STEEL GRID HR 50	









SINKING ZONE (2-S)

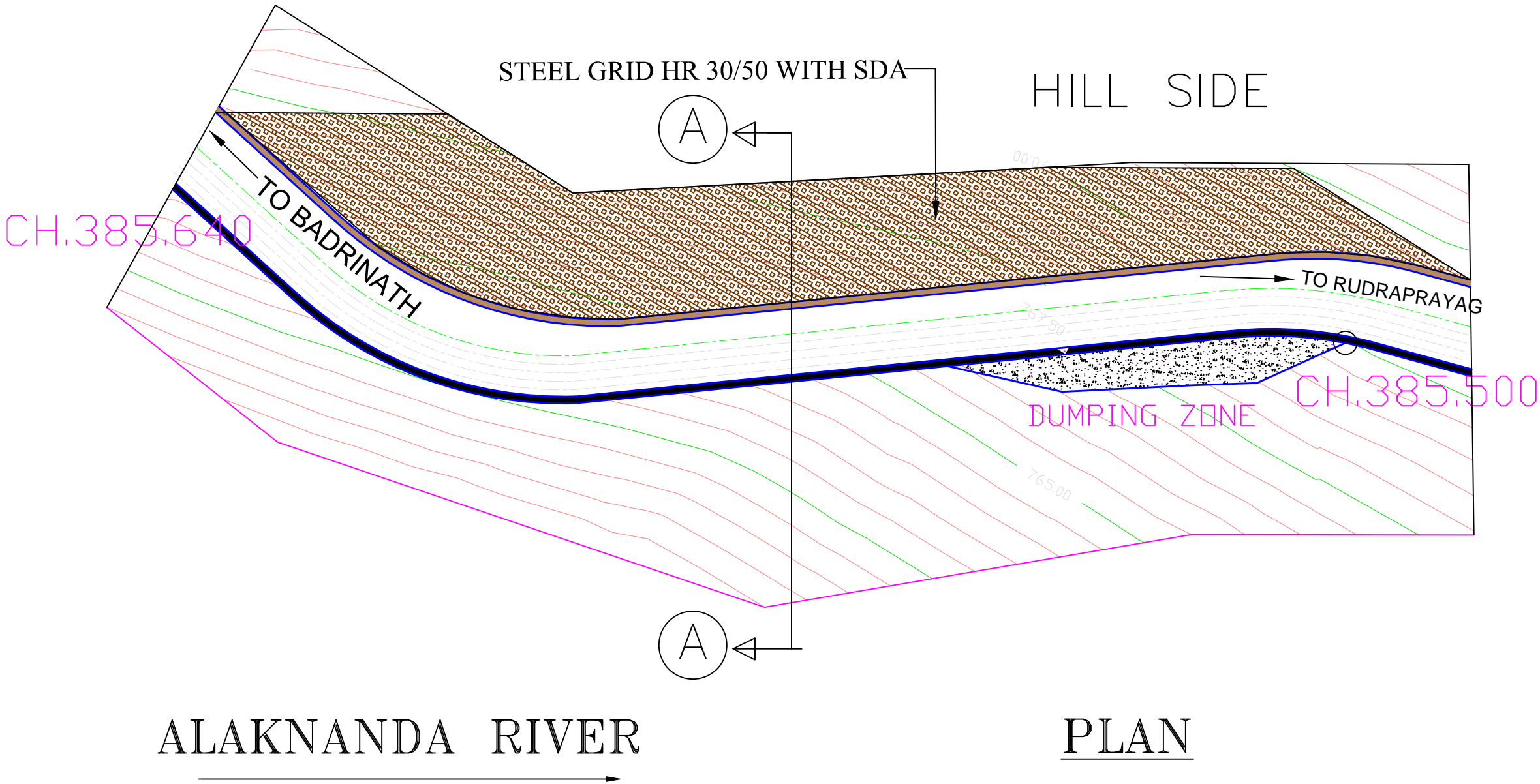
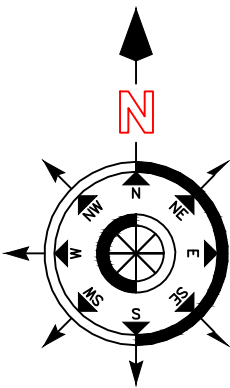
DWG. No.	SHEET No.	DATE
NHIDCL/LS	04/20	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED SINKING ZONE AT CHAINAGE KM 385.500 TO 385.640 (KAMEDA-II)

- NOTES:-
- 1. ALL DIMENSIONS ARE IN MTR.
 - 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
 - 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
 - 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND

SDA	
RR WALL	
TERRA MESH	
BACK FILL	
GEO GRID (PARA-LINK)	
STEEL GRID HR 50	

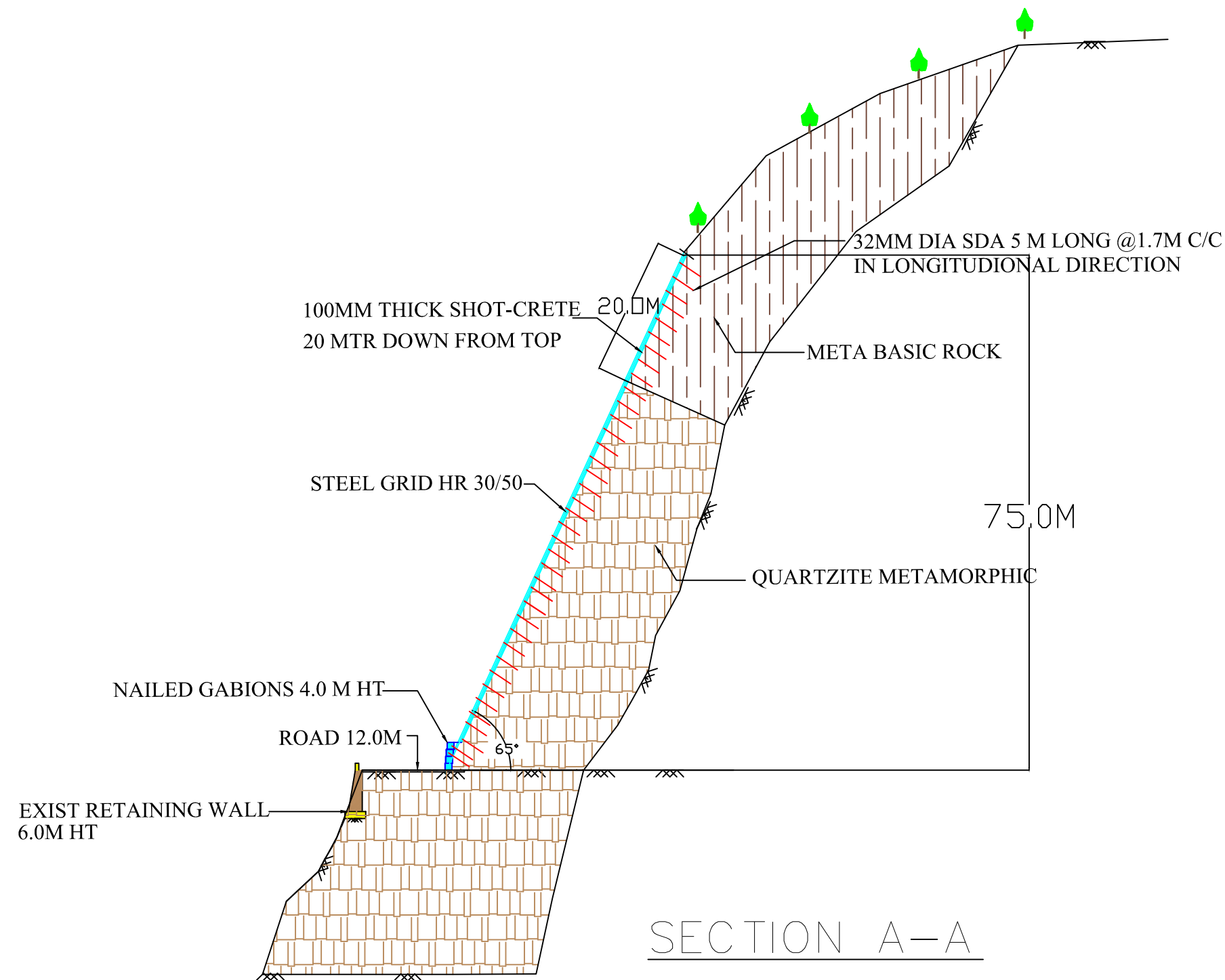


PLAN

SINKING ZONE (2-S)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	03/20	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 387.190 TO 387.260 (ITBP, GAUCHER)

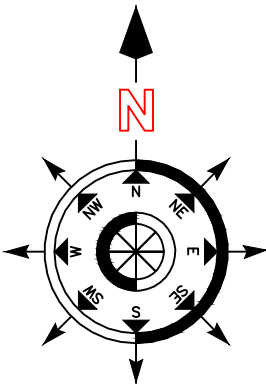


NOTES:-

1. ALL DIMENSIONS ARE IN MTR.
2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND

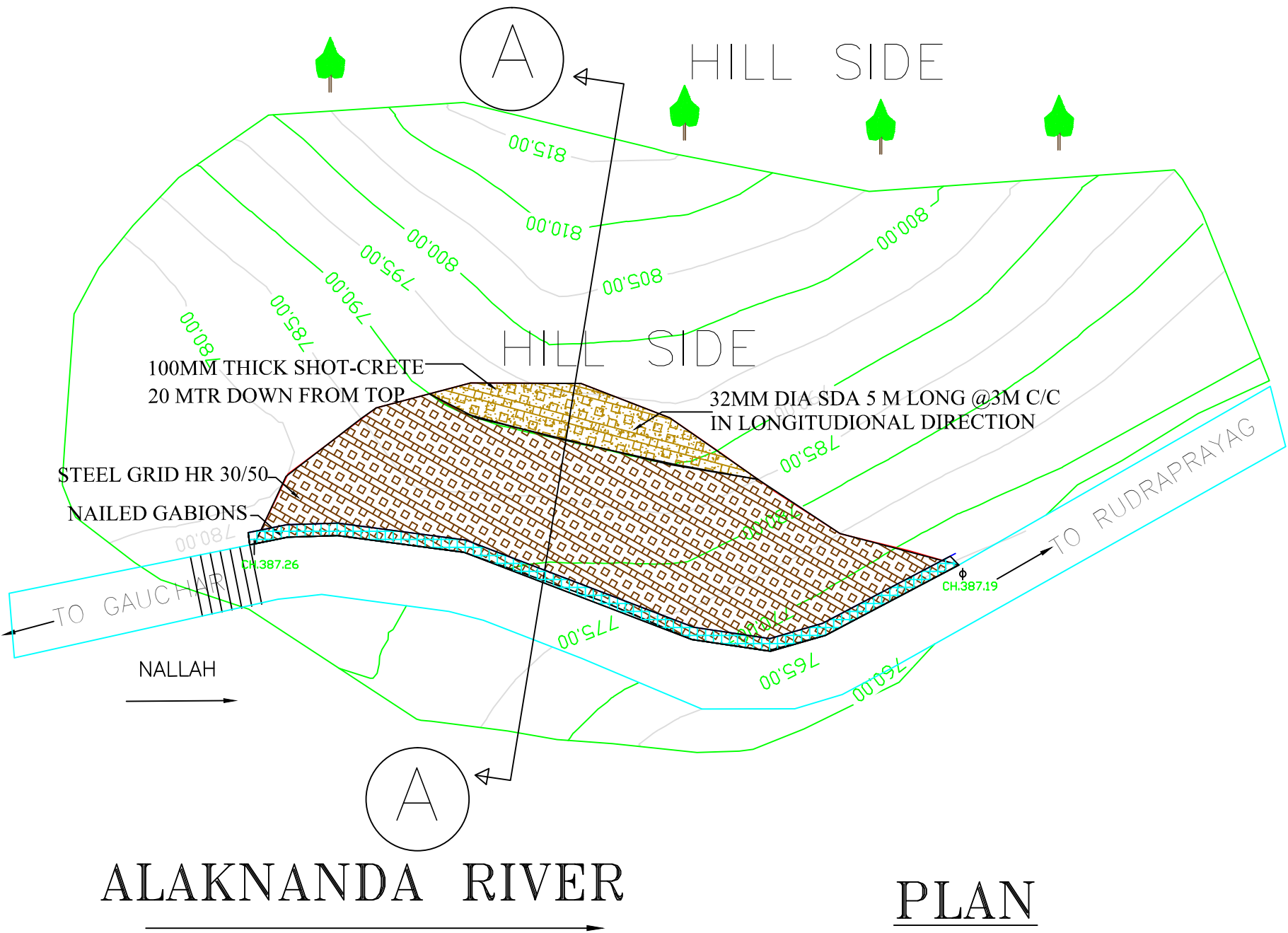
SHOT CRETE	
STEEL GRID HR 50	
SDA	
NAILED GABION	



LANDSLIDE ZONE (3-L)

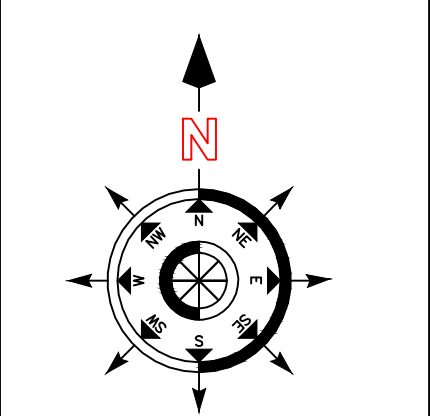
DWG. No.	SHEET No.	DATE
NHIDCL/LS	06/20	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 387.190 TO 387.260 (ITBP, GAUCHER)



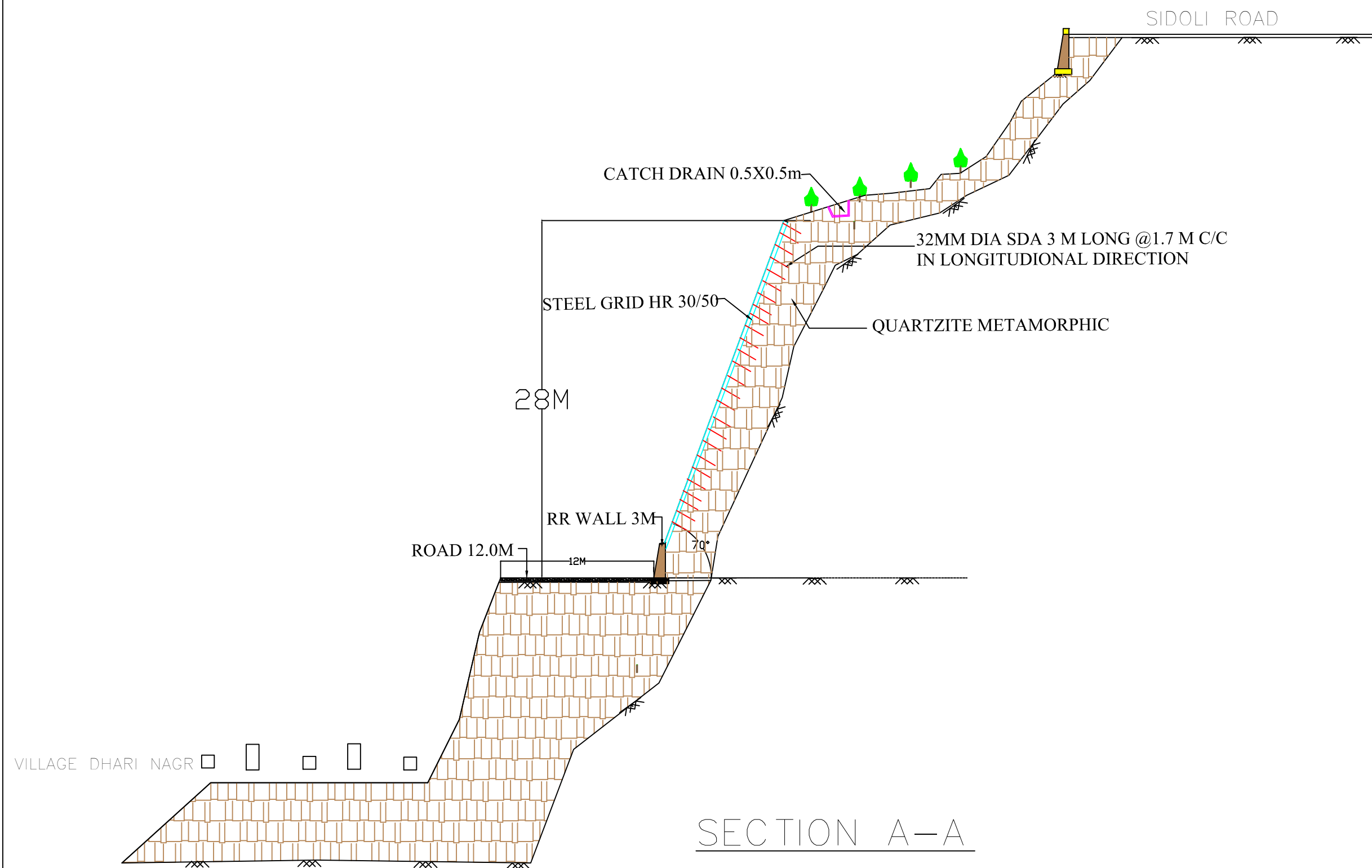
- NOTES:-
1. ALL DIMENSIONS ARE IN MTR.
 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND	
SHOT CRETE	
STEEL GRID HR 30/50	
SDA	
NAILED GABION	



LANDSLIDE ZONE (3-L)		
DWG. No.	SHEET No.	DATE
NHIDCL/LS	05/20	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 392.450 TO 392.500 (DHARI NAGAR)

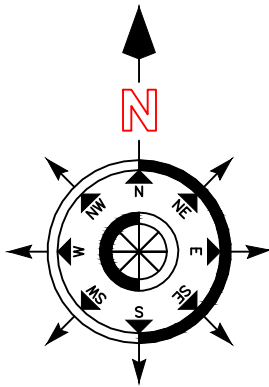


NOTES:-

1. ALL DIMENSIONS ARE IN MTR.
2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND

R R WALL	
STEEL GRID HR 30/50	
SDA	



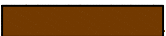
LANDSLIDE ZONE (4-L)

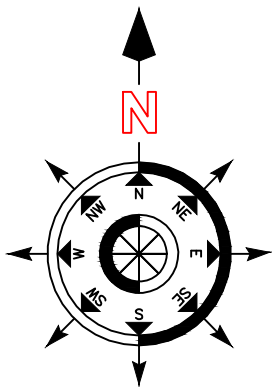
DWG. No.	SHEET No.	DATE
NHIDCL/LS	08/20	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 392.450 TO 392.500 (DHARI NAGAR)

- NOTES:-
- 1. ALL DIMENSIONS ARE IN MTR.
 - 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
 - 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
 - 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

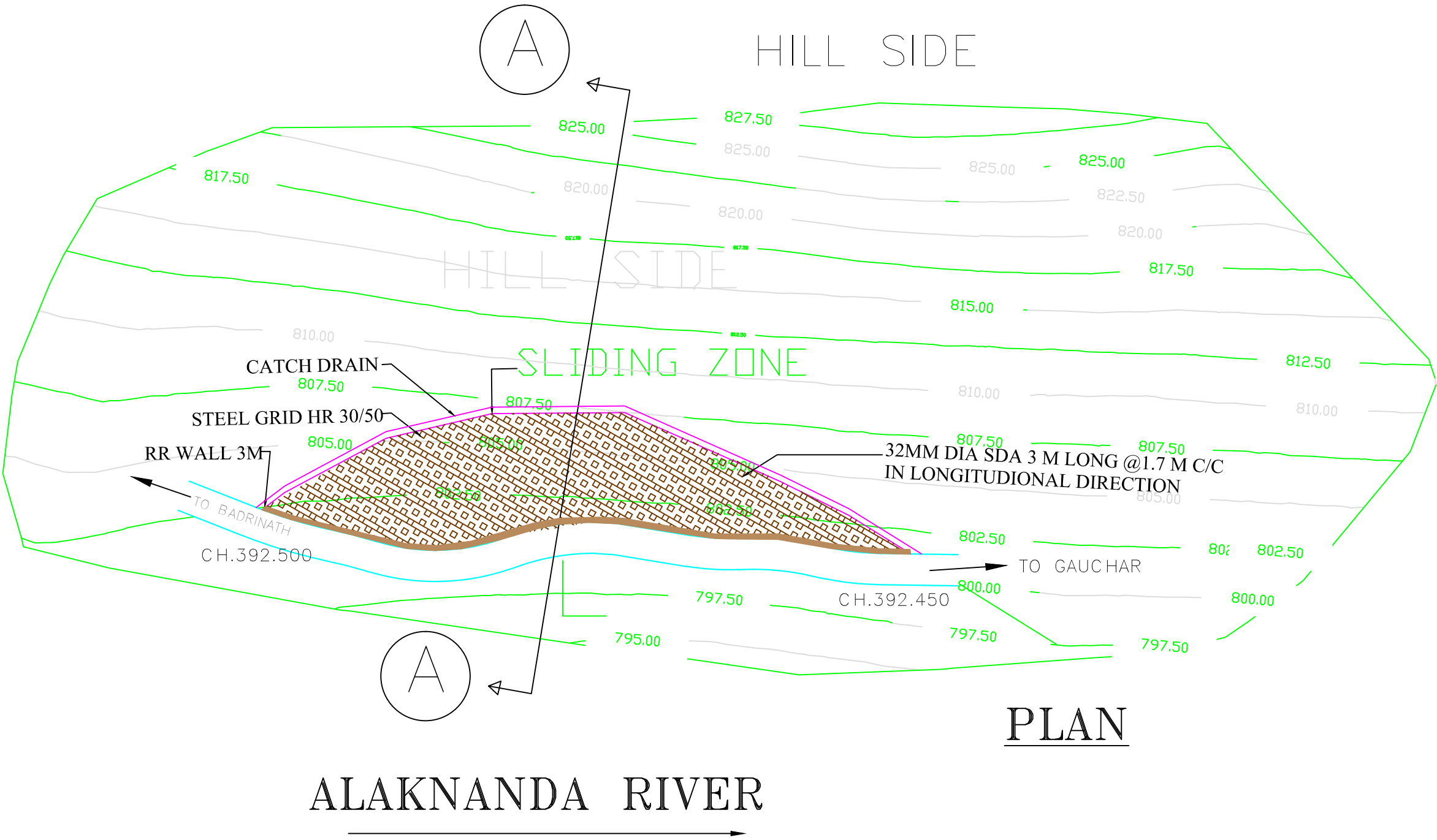
LEGEND

- R R WALL 
- STEEL GRID HR 50 
- SDA 



LANDSLIDE ZONE (4-L)



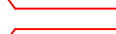
DWG. No.	SHEET No.	DATE
NHIDCL/LS	07/20	24/12/2020
		SCALE 1:1

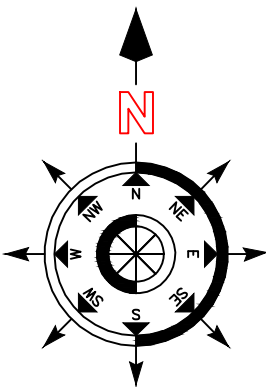


DETAILS OF PROPOSED BRIDGE AT CHAINAGE KM 394.800 TO 394.830 (BRO DETT. GAUCHER)

- NOTES:-
1. ALL DIMENSIONS ARE IN MTR.
 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.
 5. MAINTENANCE OF EXISTING CULVERT WILL BE ENSURED BY HIGHWAY CONSTRUCTION AGENCY

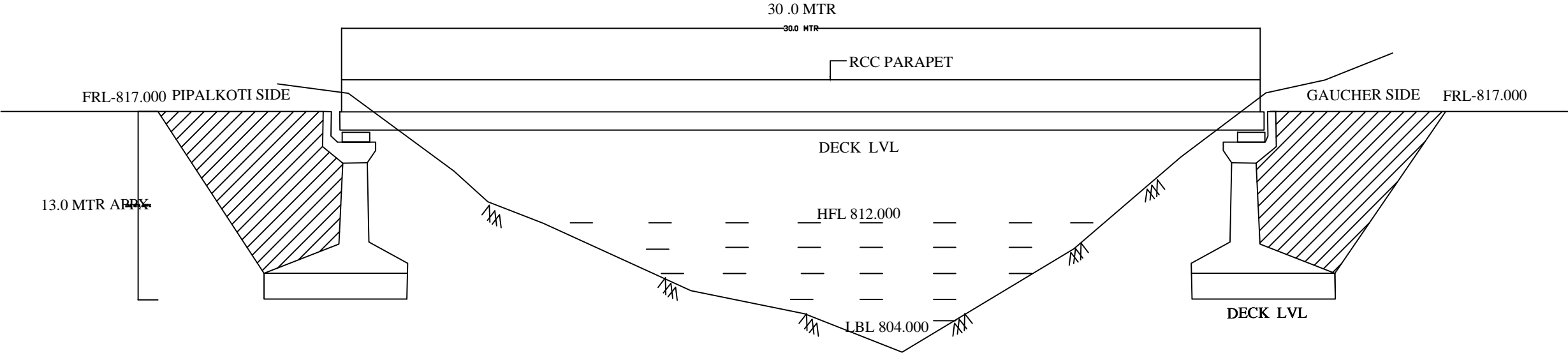
LEGEND

- GABION WALL 
- NALLAH 
- CULVERT 



30 M SPAN BRIDGE(5-B)

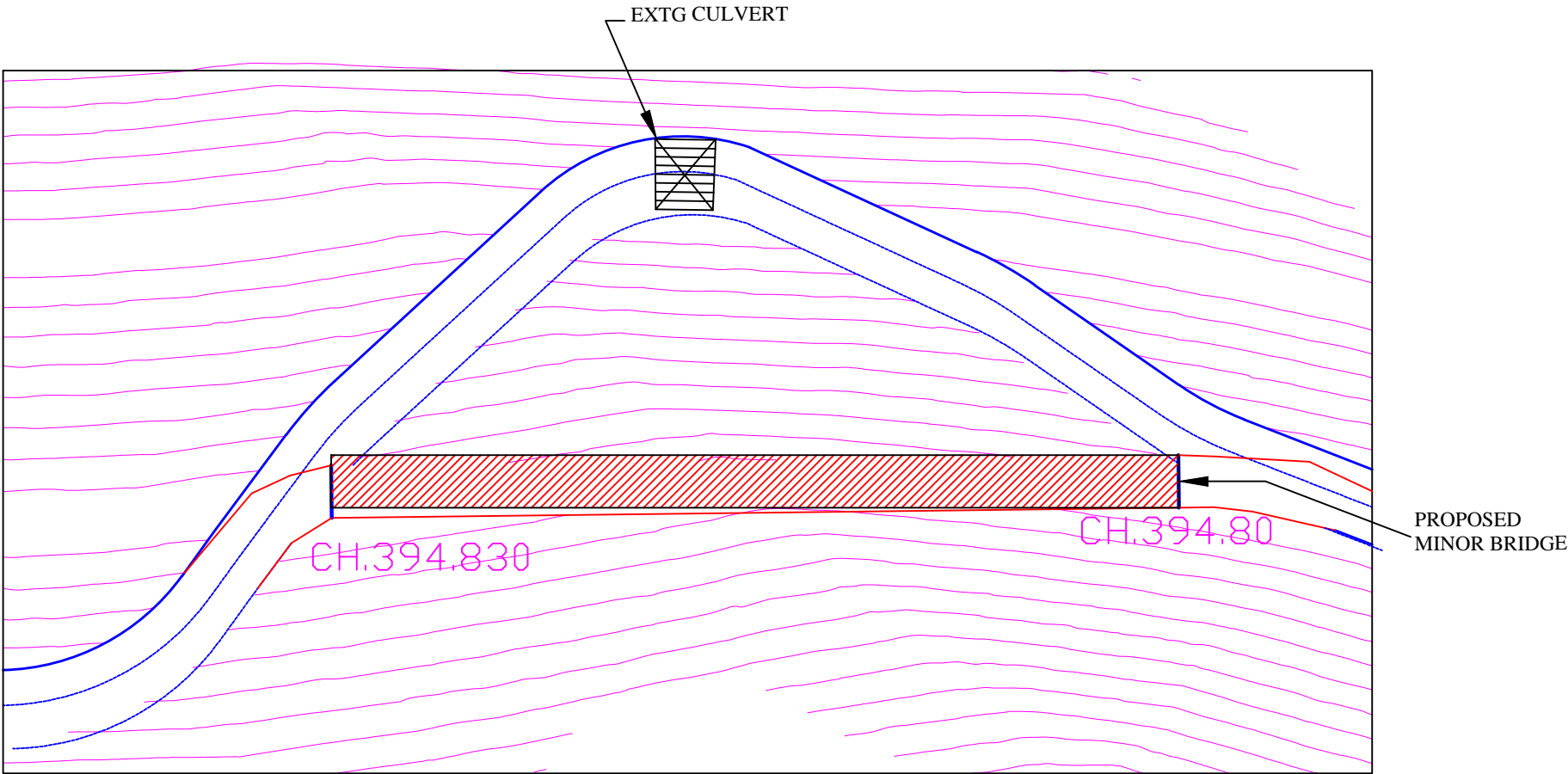
DWG. No.	SHEET No.	DATE
NHIDCL/LS	10/20	24/12/2020
		SCALE 1:1



L-SECTION OF 30 MTR MINOR BRIDGE

DETAILS OF PROPOSED BRIDGE AT CHAINAGE KM 394.800 TO 394.830 (BRO DETT. GAUCHER)

HILL SIDE



ALAKNANDA RIVER

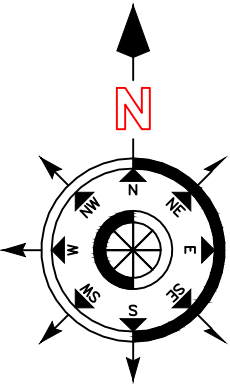
PLAN

NOTES:-

- 1. ALL DIMENSIONS ARE IN MTR.
- 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
- 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
- 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.
- 5. MAINTENANCE OF EXISTING CULVERT WILL BE ENSURED BY HIGHWAY CONSTRUCTION AGENCY

LEGEND

- GABION WALL
- NALLAH
- CULVERT



30 M SPAN BRIDGE(5-B)

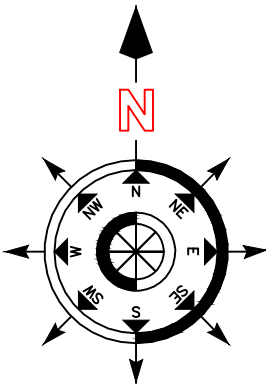
DWG. No.	SHEET No.	DATE
NHIDCL/LS	09/20	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 400.450 TO 400.600 (KARNPRAYAG-1)

- NOTES:-
1. ALL DIMENSIONS ARE IN MTR.
 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

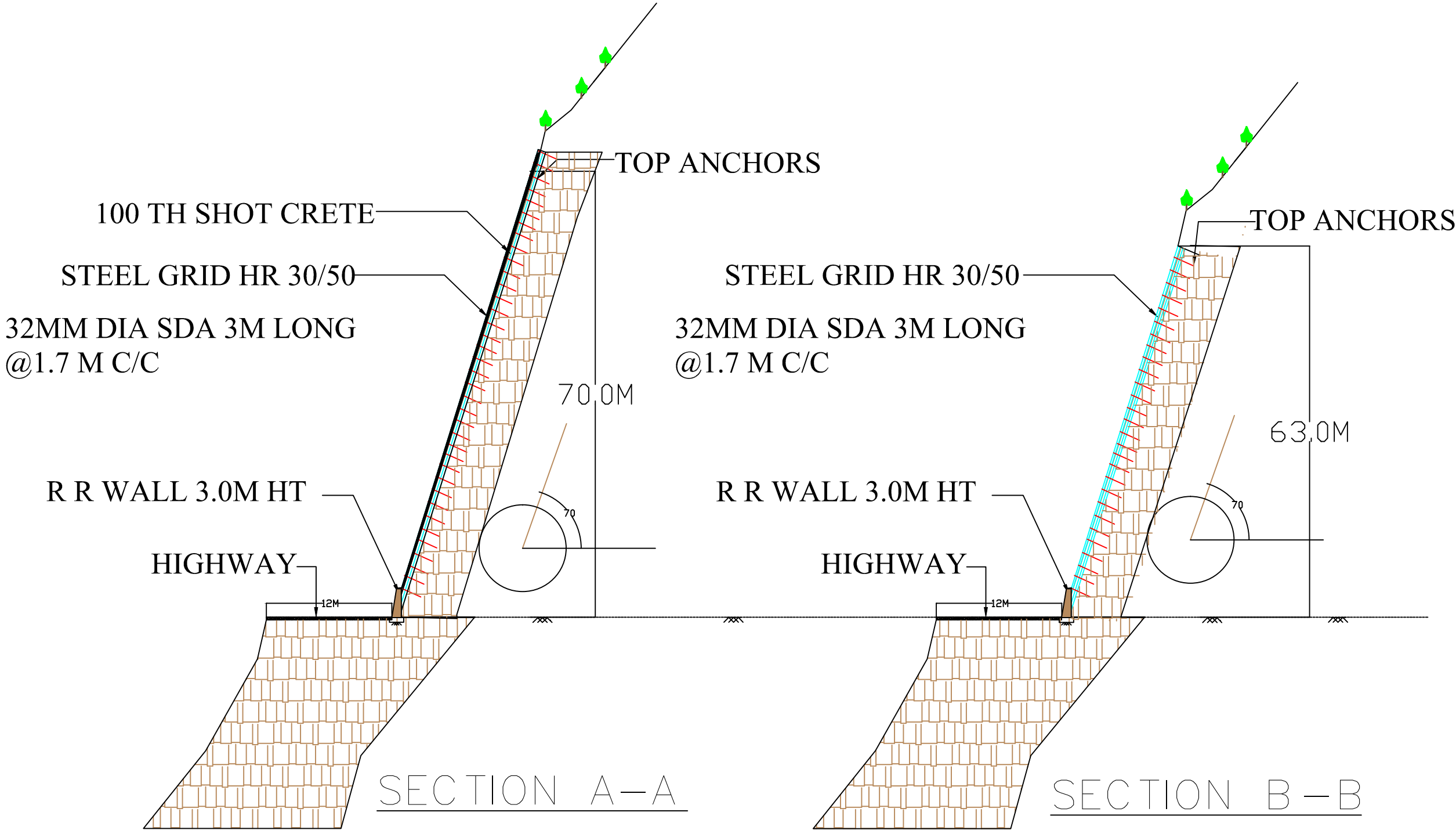
LEGEND

- SHOT CRETE 
- STEEL GRID HR 30/50 
- SDA 

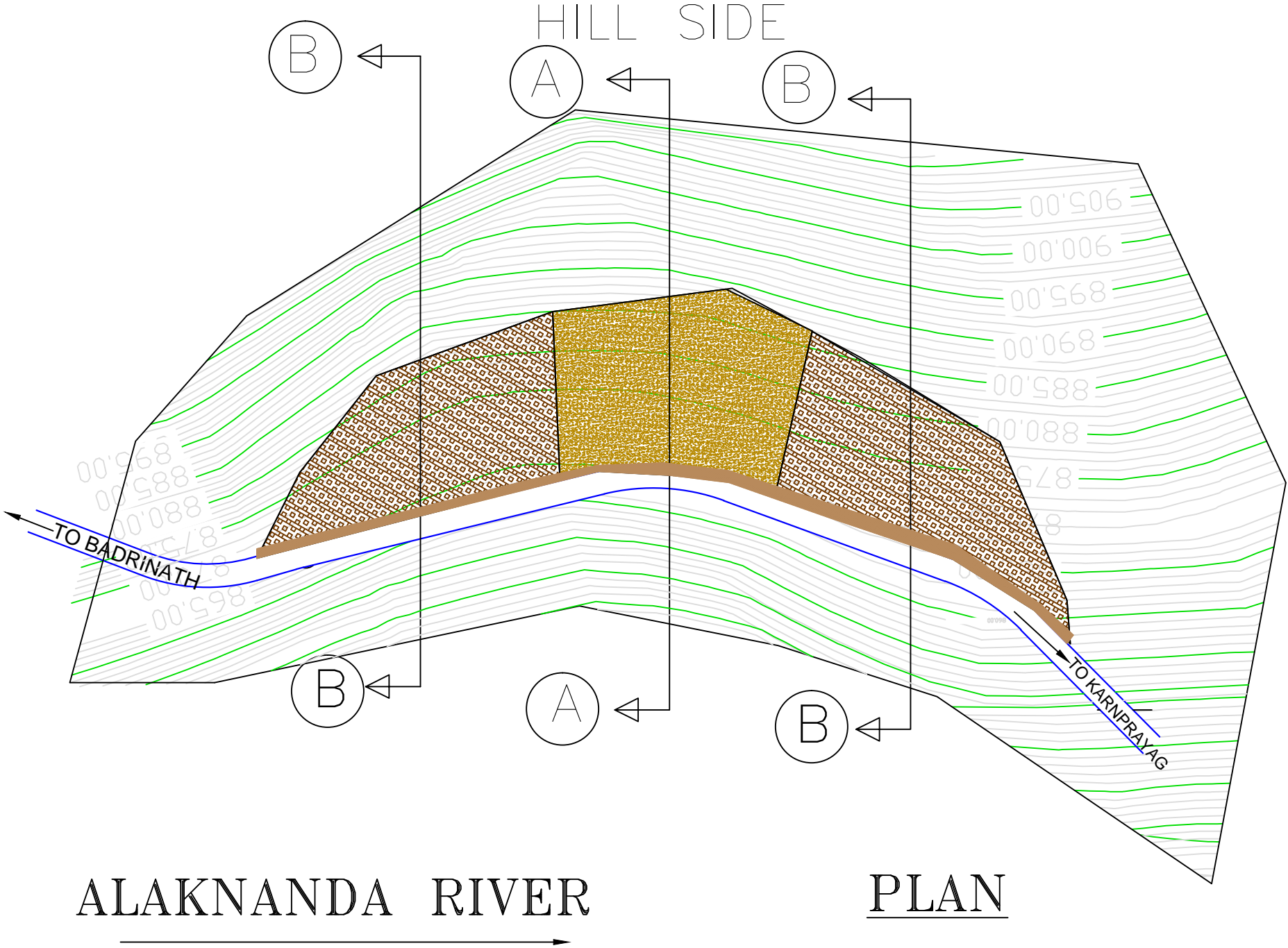


LANDSLIDE ZONE (6-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	12/20	24/12/2020
		SCALE 1:1



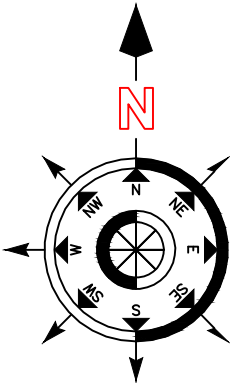
DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE
KM 400.450 TO 400.600 (KARNPRAYAG-1)



- NOTES:-
1. ALL DIMENSIONS ARE IN MTR.
 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND

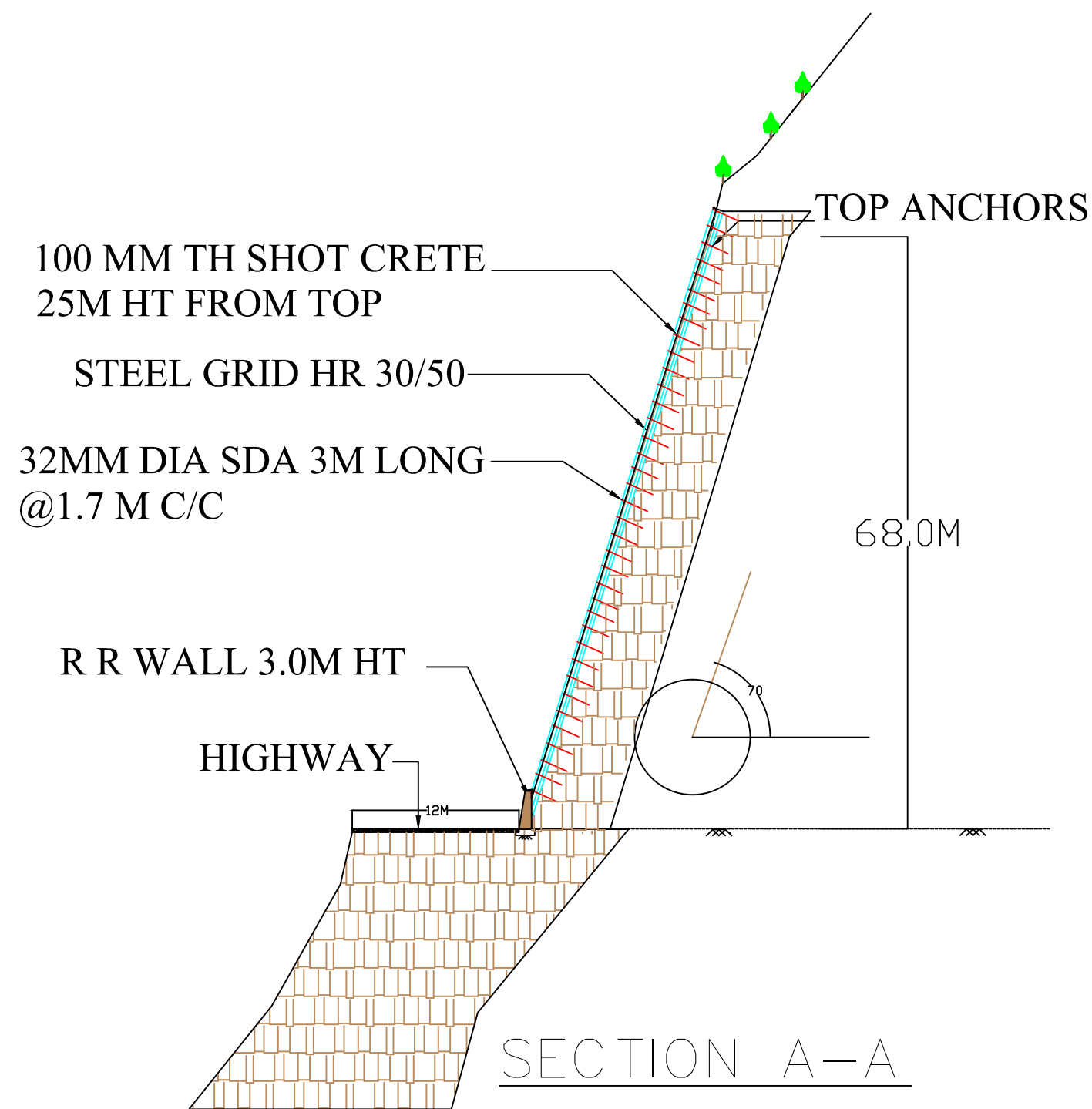
- SHOT CRETE
- STEEL GRID HR 30/50
- SDA



LANDSLIDE ZONE (6-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	11/20	24/12/2020
		SCALE 1:1

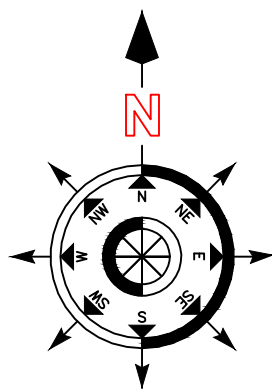
DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 400.750 TO 400.850 (KARNPRAYAG-II)



- NOTES:-
1. ALL DIMENSIONS ARE IN MTR.
 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND

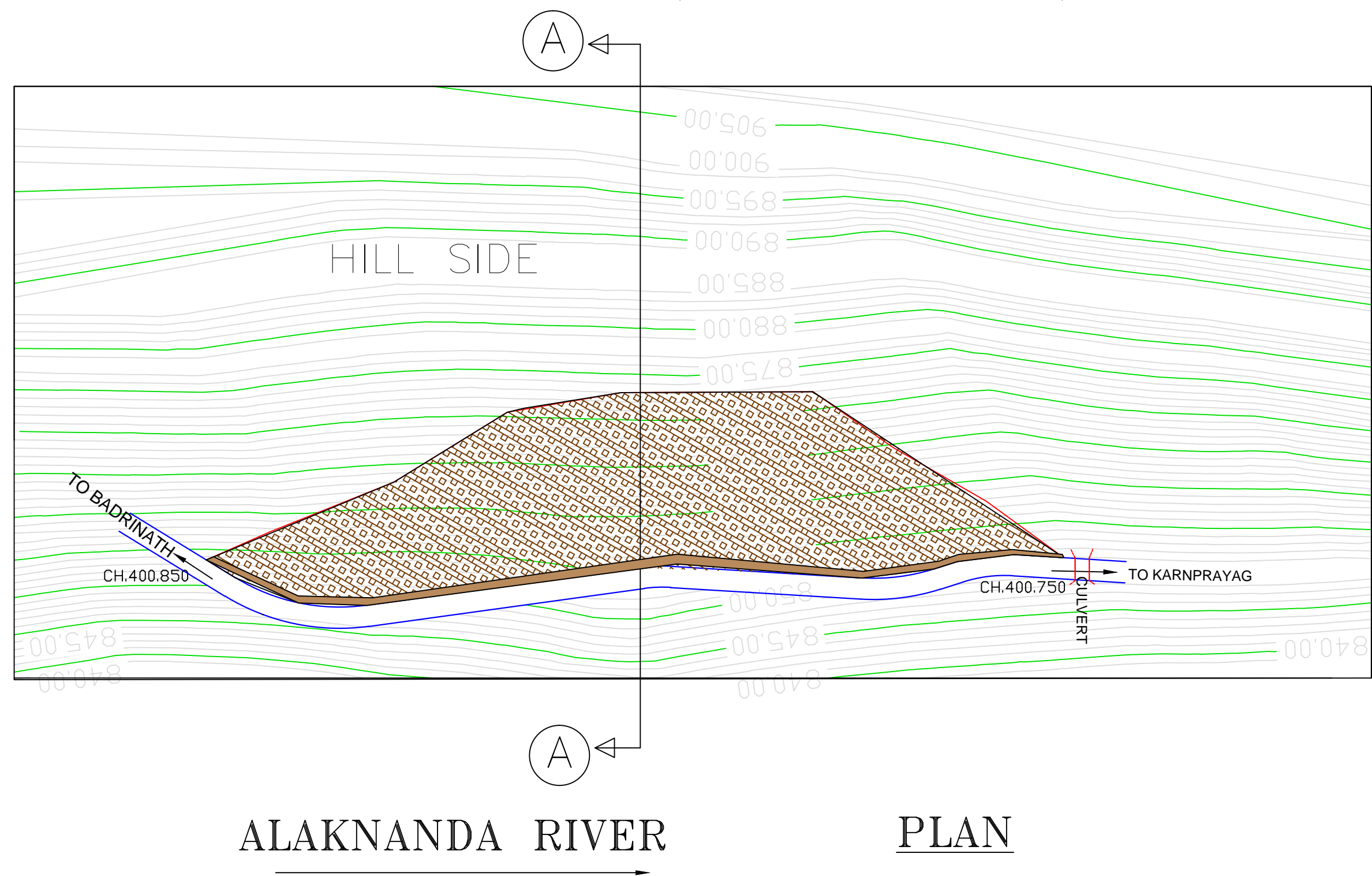
RR WALL	
STEEL GRID	
SDA	



LANDSLIDE ZONE (7-L)

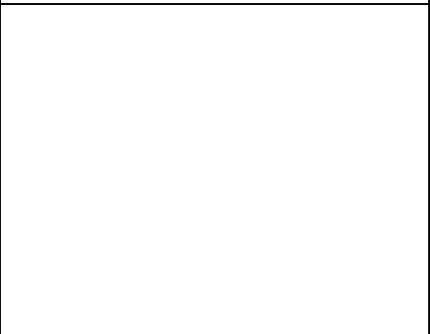
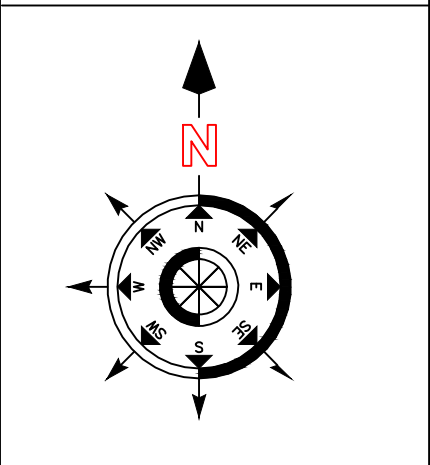
DWG. No.	SHEET No.	DATE
NHIDCL/LS	14/20	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE
KM 400.750 TO 400.850 (KARNPRAYAG-II)



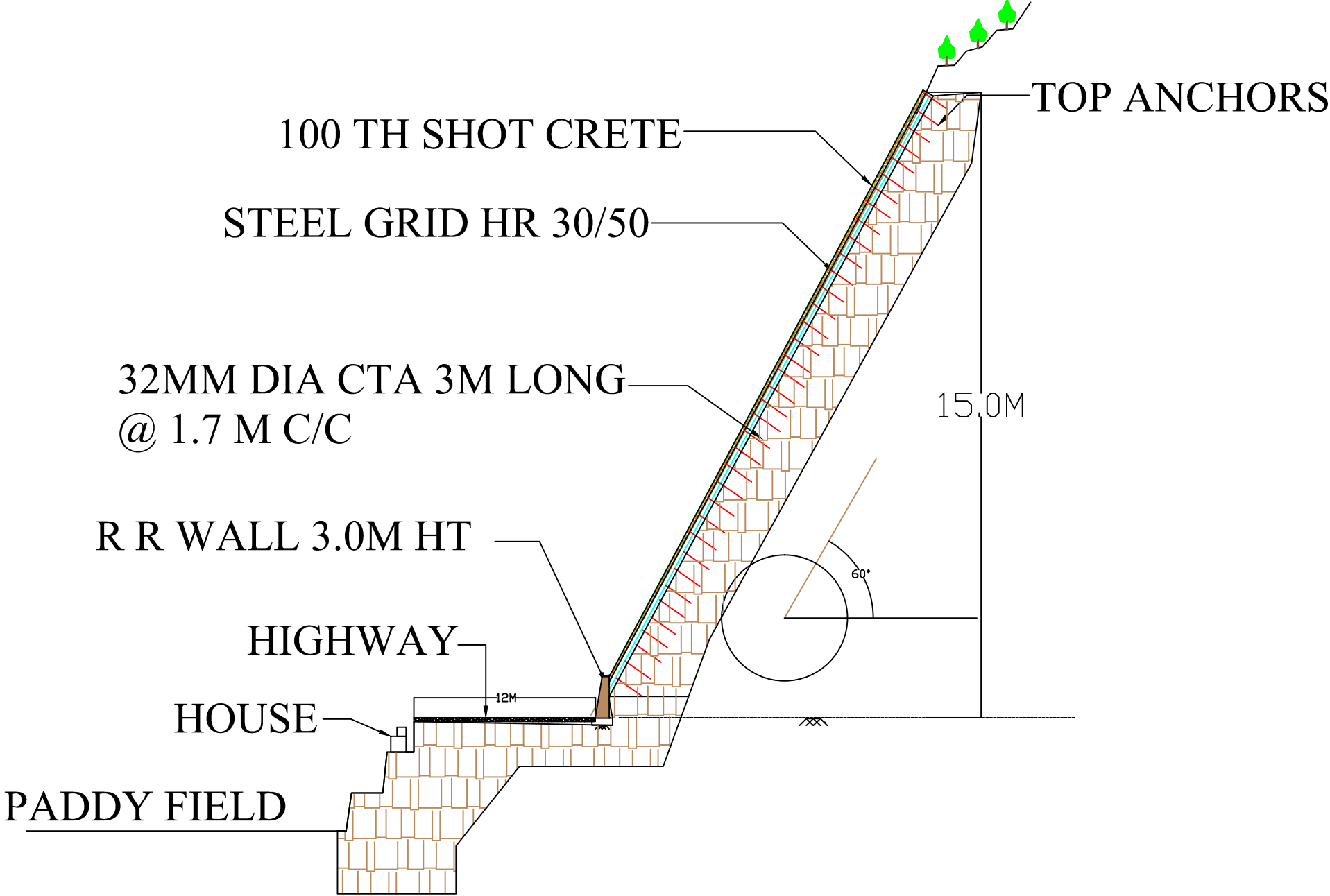
- NOTES:-
1. ALL DIMENSIONS ARE IN MTR.
 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND	
RR WALL	
STEEL GRID	
SDA	



LANDSLIDE ZONE (7-L)		
DWG. No.	SHEET No.	DATE
NHIDCL/LS	13/20	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 406.310 TO 406.330 (LANGASU)



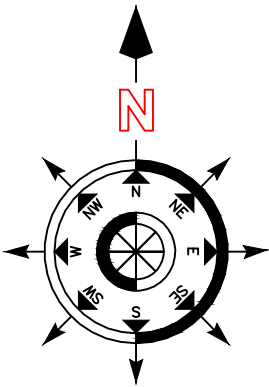
SECTION A-A

NOTES:-

1. ALL DIMENSIONS ARE IN MTR.
2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND

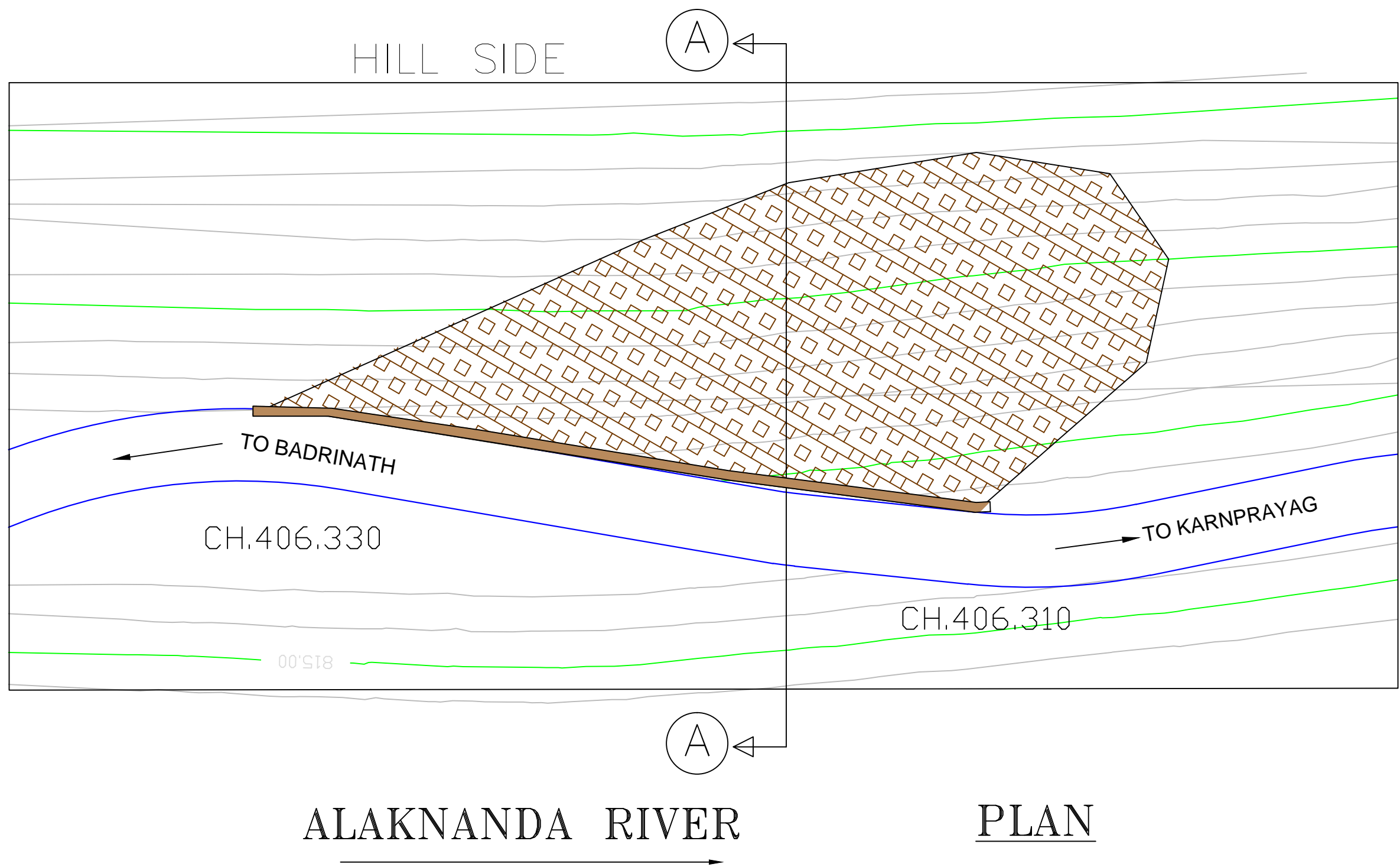
RR WALL	
SHOT CRETE	
STEEL GRID	
SDA	



LANDSLIDE ZONE (8-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	16/20	24/12/2020
		SCALE 1:1

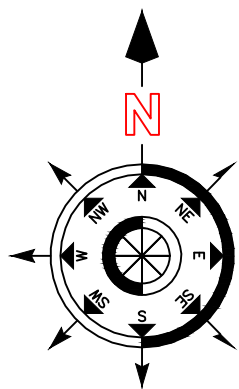
DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 406.310 TO 406.330 (LANGASU)



- NOTES:-
1. ALL DIMENSIONS ARE IN MTR.
 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND

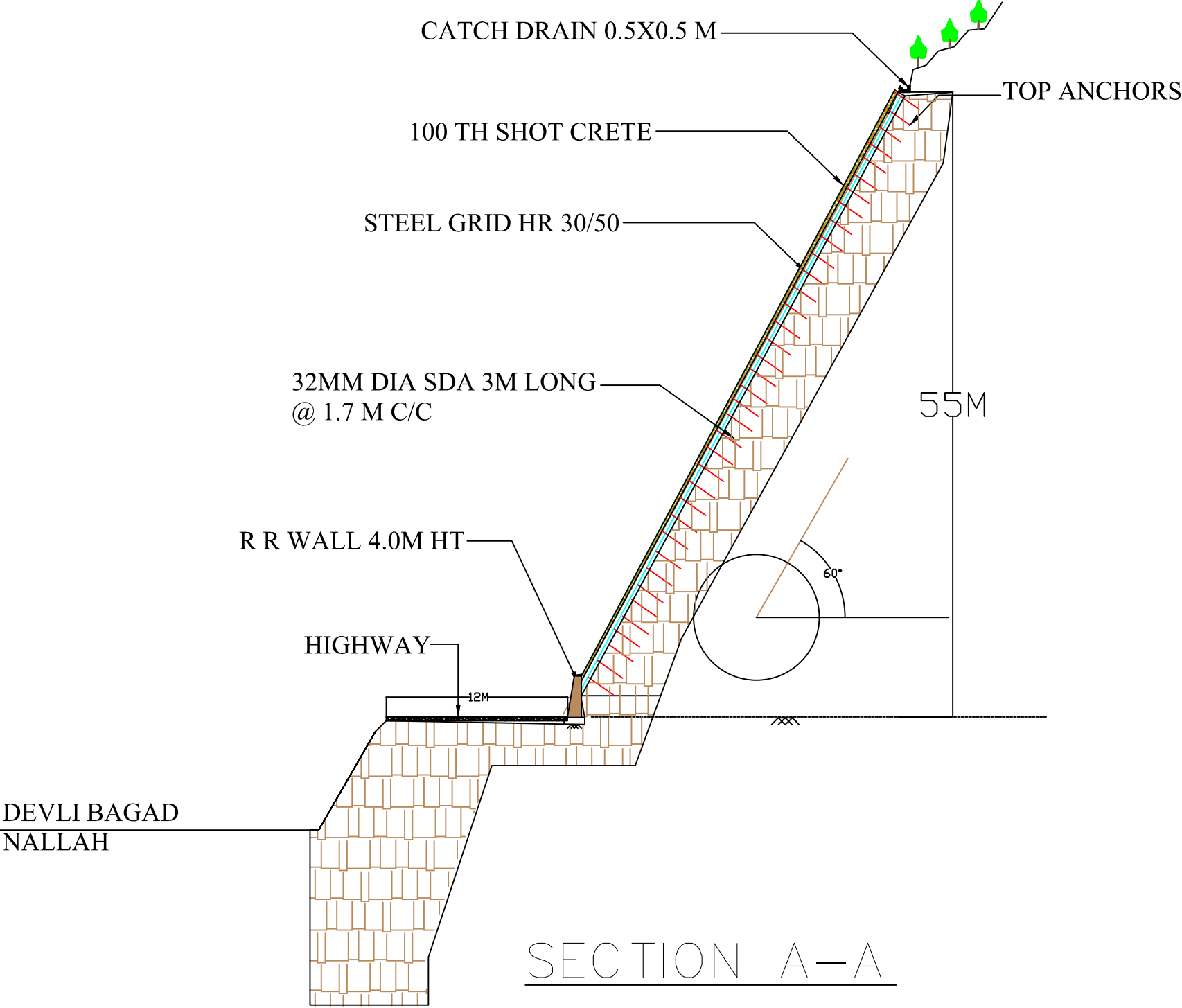
RR WALL	
SHOT CRETE	
STEEL GRID	
SDA	



LANDSLIDE ZONE (8-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	15/20	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 411.380 TO 411.440 (DEVLI BAGAD-I)

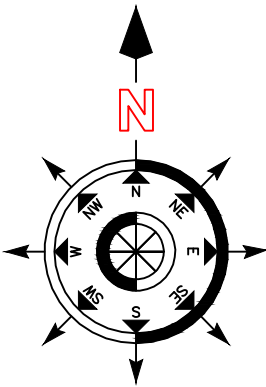


NOTES:-

- 1. ALL DIMENSIONS ARE IN MTR.
- 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
- 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
- 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND

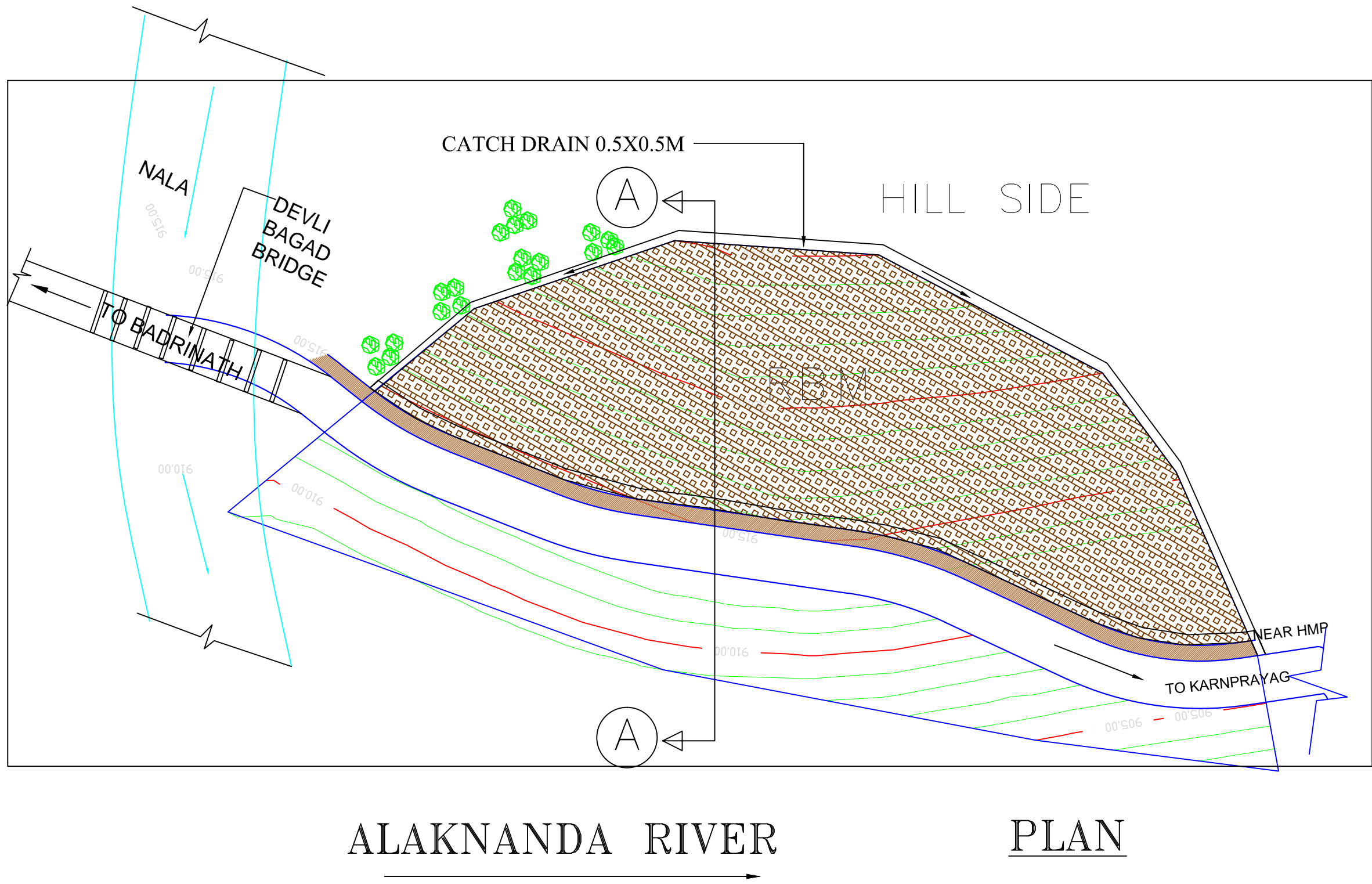
RR WALL	
SHOT CRETE	
STEEL GRID	
SDA	



LANDSLIDE ZONE (9-L)

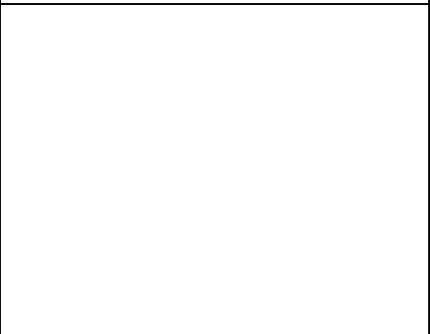
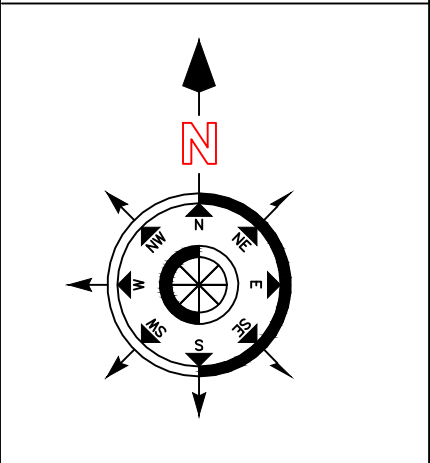
DWG. No.	SHEET No.	DATE
NHIDCL/LS	18/20	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE
KM 411.380 TO 411.440 (DEVLI BAGAD-I)



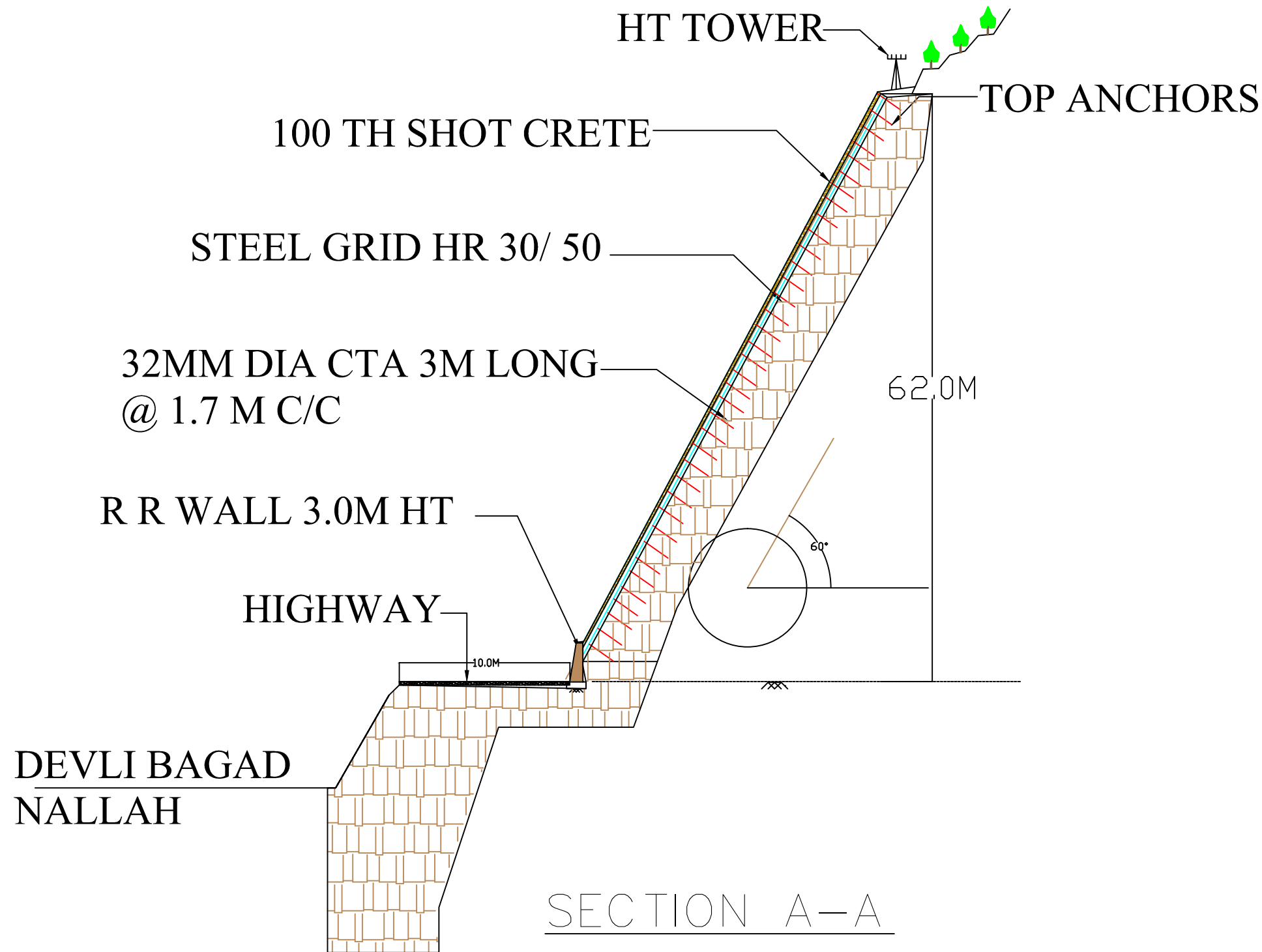
- NOTES:-
1. ALL DIMENSIONS ARE IN MTR.
 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND	
RR WALL	
SHOT CRETE	
STEEL GRID	
SDA	



LANDSLIDE ZONE (9-L)		
DWG. No.	SHEET No.	DATE
NHIDCL/LS	17/20	24/12/2020
		SCALE 1:1

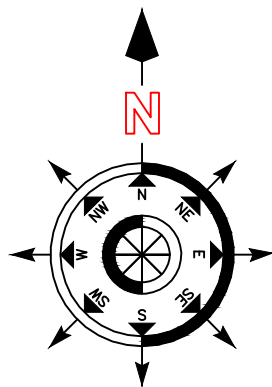
DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE
KM 411.490 TO 411.530 (DEVLI BAGAD-II)



- NOTES:-
1. ALL DIMENSIONS ARE IN MTR.
 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND

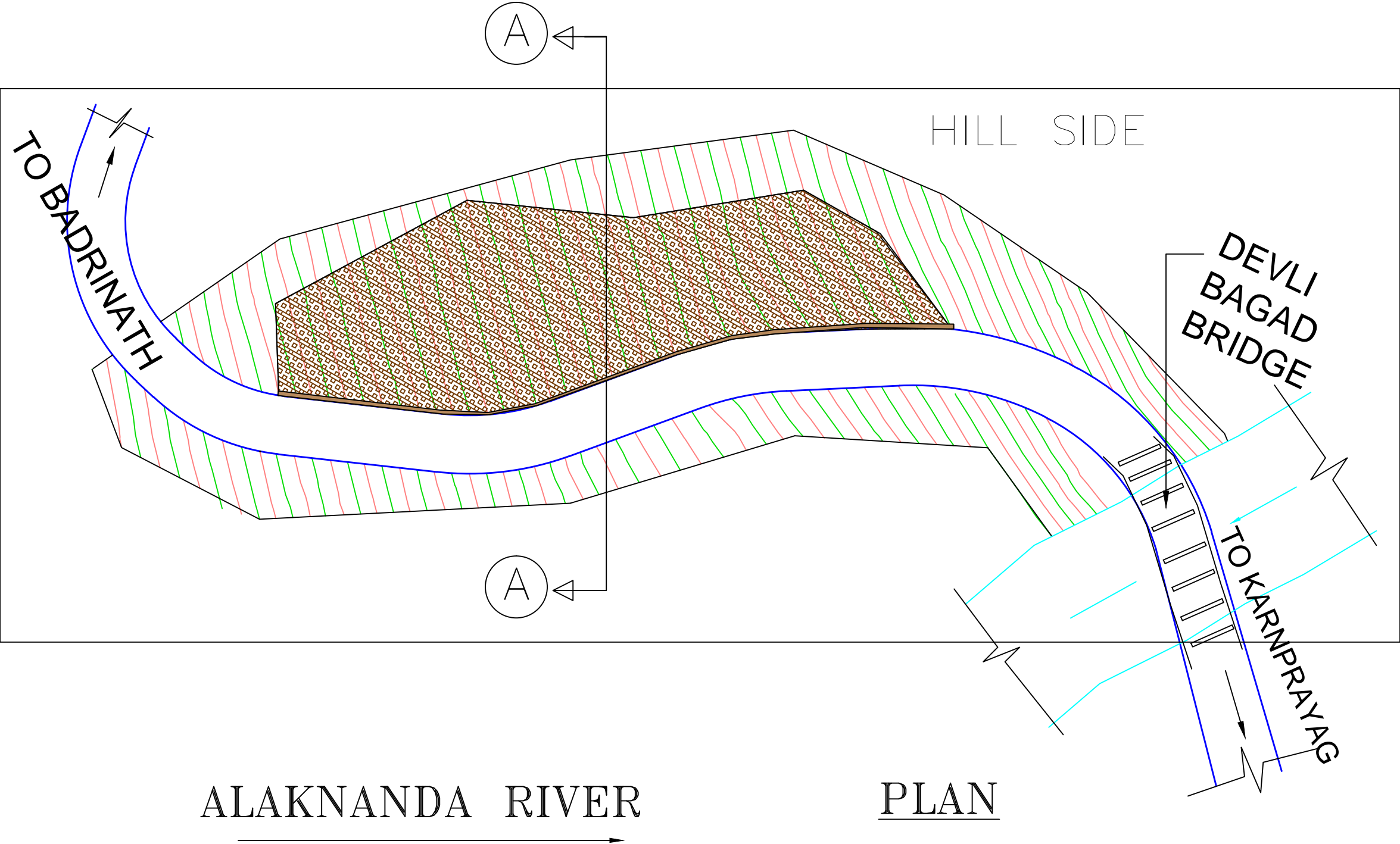
RR WALL	
SHOT CRETE	
STEEL GRID	
SDA	



LANDSLIDE ZONE (10-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	20/20	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE
KM 411.490 TO 411.530 (DEVLI BAGAD-II)

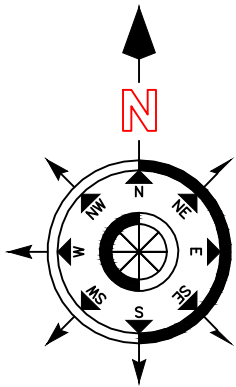


NOTES:-

1. ALL DIMENSIONS ARE IN MTR.
2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND

RR WALL	
SHOT CRETE	
STEEL GRID	
SDA	



LANDSLIDE ZONE (10-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	19/20	24/12/2020
		SCALE 1:1