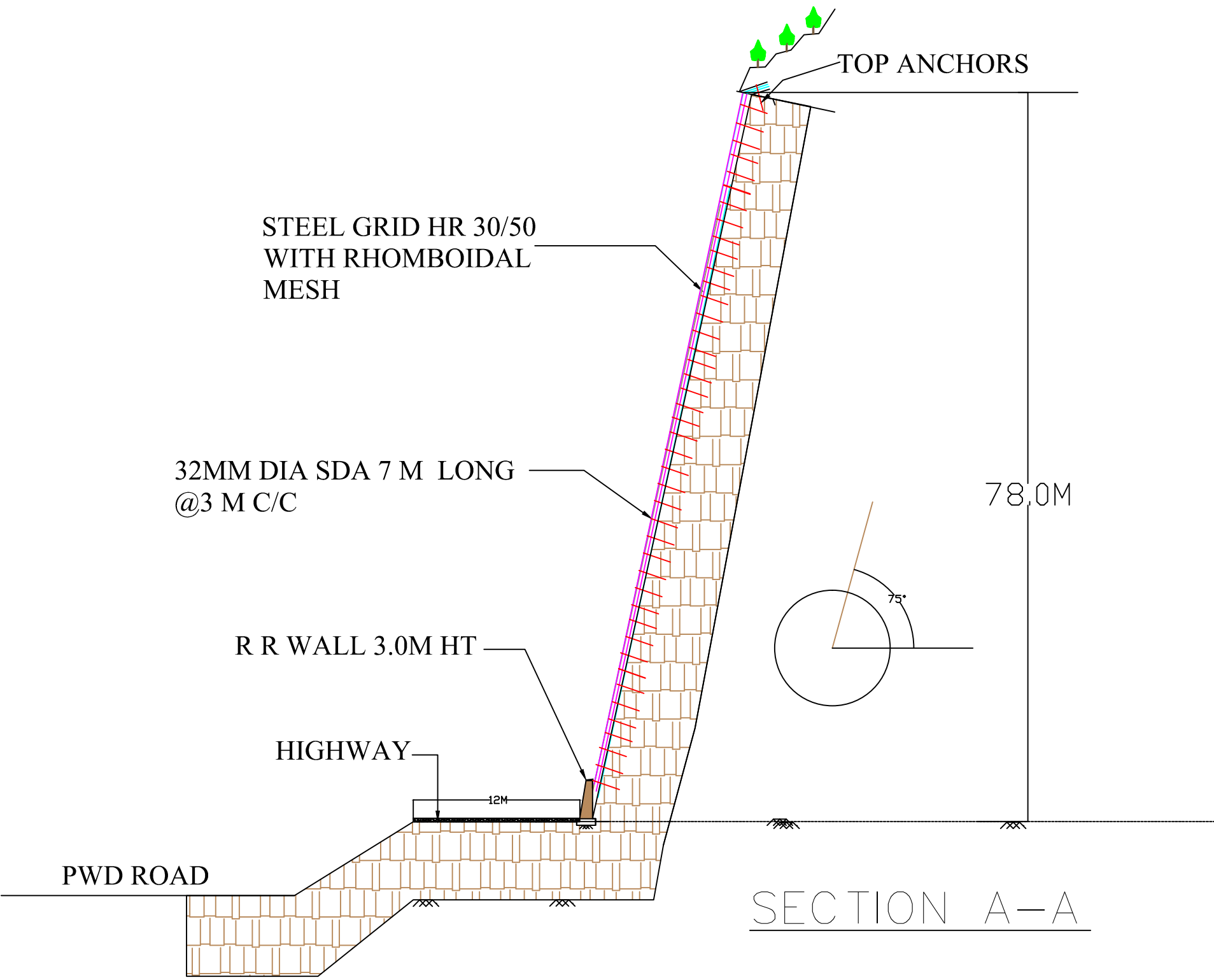


DETAIL TECHNICAL EXAMINATION/ EVALUTION
OF LANDSLIDE LOCATIONS AND SINKING ZONES
BETWEEN CHAINAGE- 416.930 TO 455.930
AT NH-07 (PACKAGE-II)
IN DISTT CHAMOLI (UTTARAKHAND)

<u>INDEX</u>			
SL.NO	C HAINAGE	LENGTH	LOCAL NAME
1	KM 416.930 TO 417.300	370 Mtr	NANDPRAYAG
2	KM 420.850 TO 420.960	110 Mtr	PURSARI
3	KM 427.000 TO 427.300	300 Mtr	CHAMOLI
4	KM 429.130 TO 429.350	220 Mtr	KHETRAPAL
5	KM 437.800 TO 437.865	65 Mtr	KAUDIA, MAYAPUR
6	KM 439.175 TO 439.570	395 Mtr	GADORA-I
7	KM 439.900 TO 440.310	410 Mtr	GADORA-II
8	KM 445.560 TO 445.710	150 Mtr	PIPALKOTI-I
9	KM 445.950 TO 446.025	75 Mtr	BHANERPANI, PIPALKOTI
10	KM 445.710 TO 445.770	60 Mtr	PIPALKOTI-II
11	KM 452.300 TO 452.500	200 Mtr	PAKHI
12	KM 455.870 TO 455.930	60 Mtr	PATAL GANGA




DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 416.930 TO 417.300 (NANDPRAYAG)

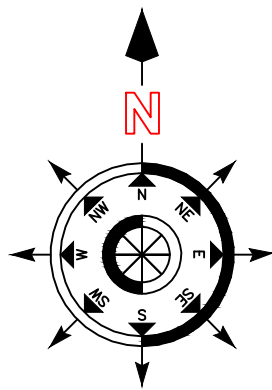


NOTES:-

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

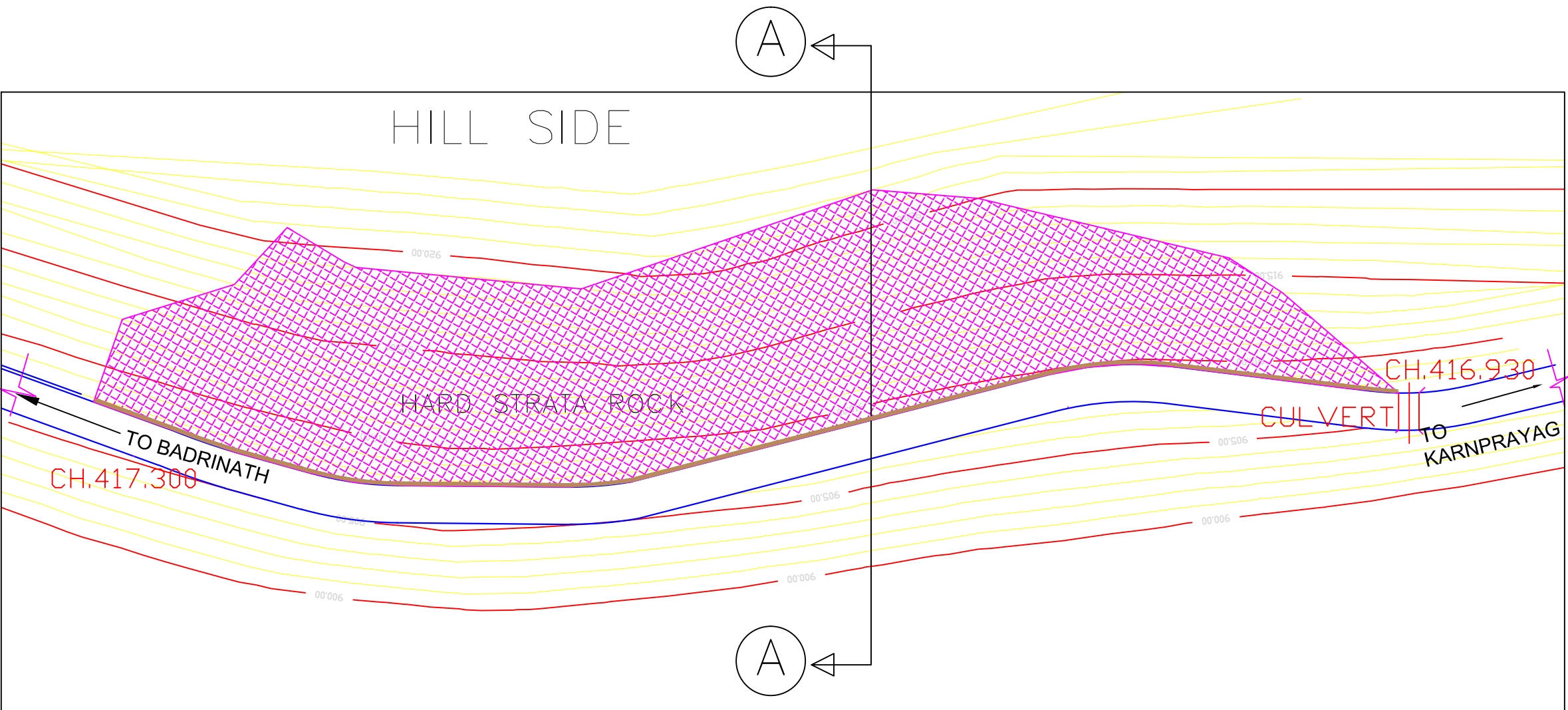
- RR WALL 
- STEEL GRID WITH
RHOMBOIDAL MESH 
- SDA 



LANDSLIDE ZONE (1-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	02/18	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 416.930 TO 417.300 (NANDPRAYAG)






ALAKNANDA RIVER

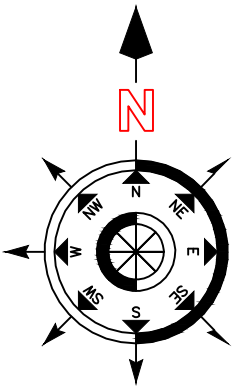
PLAN

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.

LEGEND

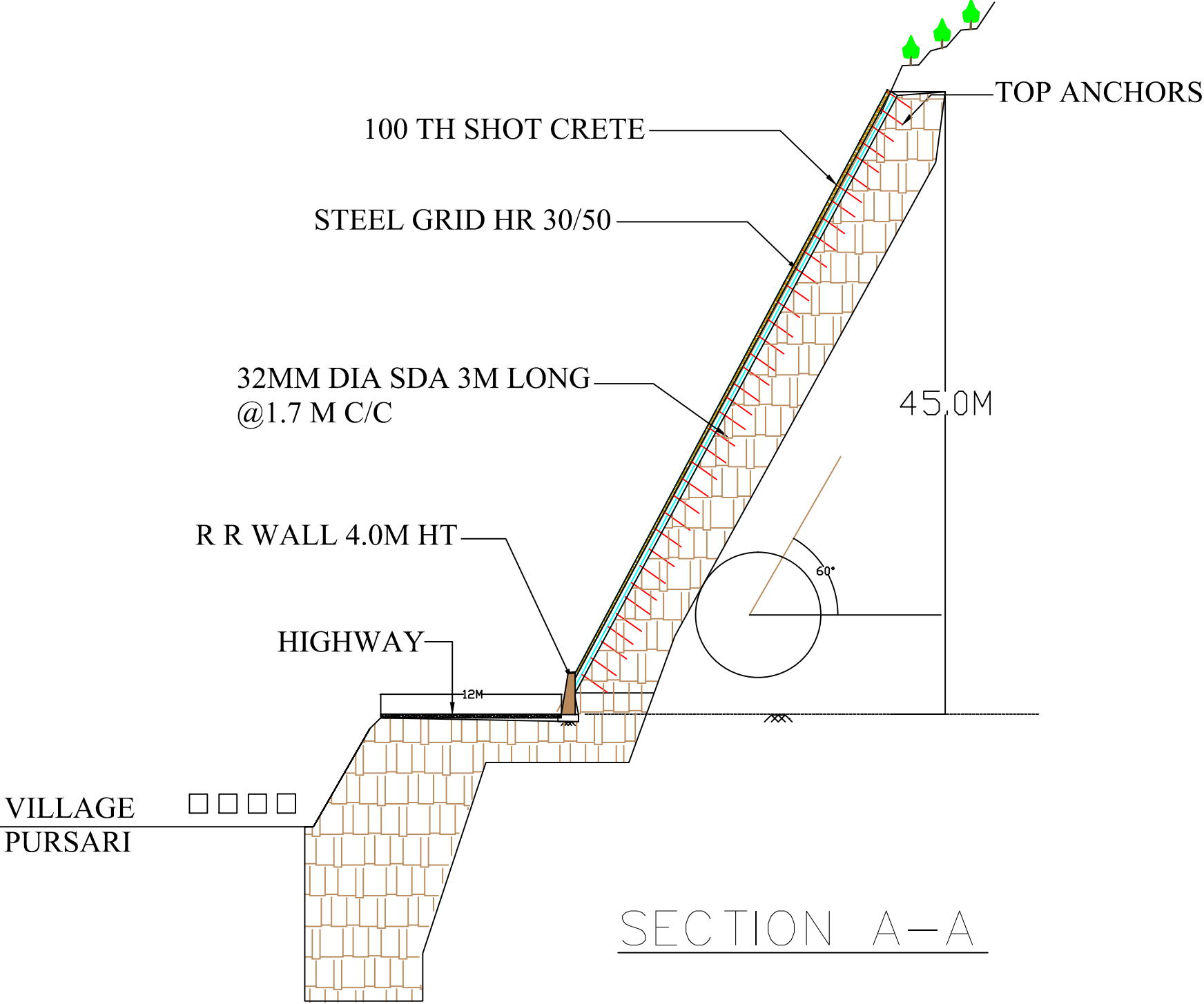
- RR WALL 
- STEEL GRID WITH RHOMBOIDAL MESH 
- SDA 



LANDSLIDE ZONE (1-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	01/18	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 420.850 TO 420.960 (PURSARI)

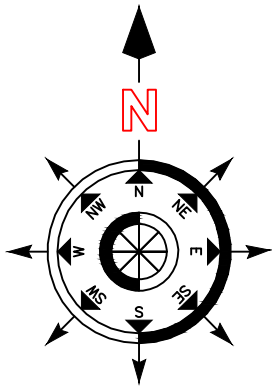


NOTES:-

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	
CTA	

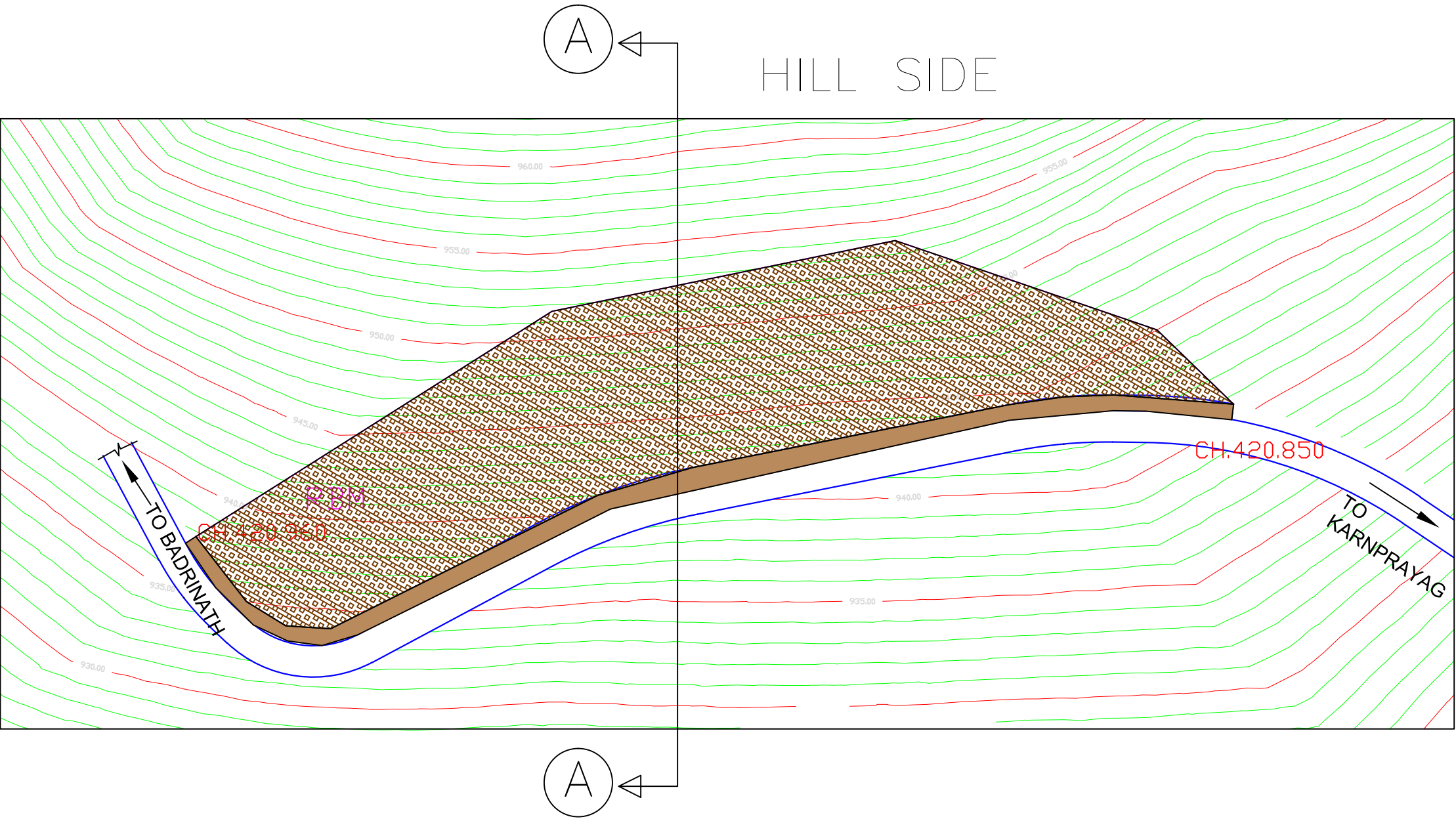


AUTHORITY

CONSULTANT:-
LANDSLIDE ZONE (2-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	04/18	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 420.850 TO 420.960 (PURSARI)



ALAKNANDA RIVER

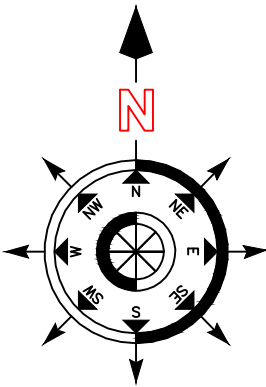
PLAN

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.

LEGEND

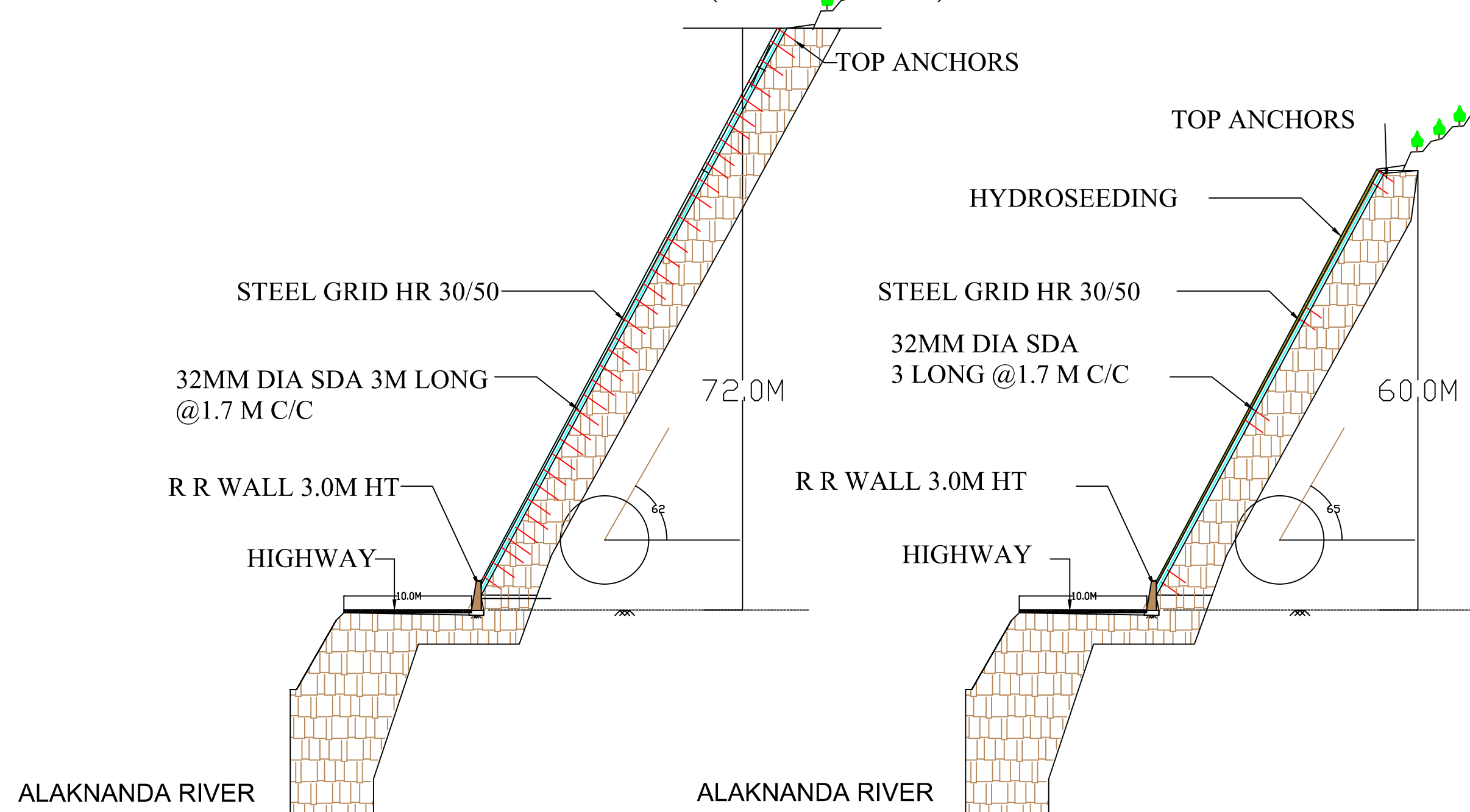
RR WALL	
SHOT CRETE	
STEEL GRID	
CTA	



LANDSLIDE ZONE (2-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	03/18	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 427.000 TO 427.300 (CHAMOLI)



SECTION B-B

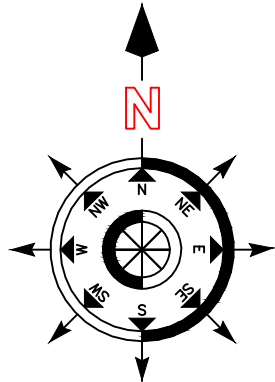
SECTION A-A

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

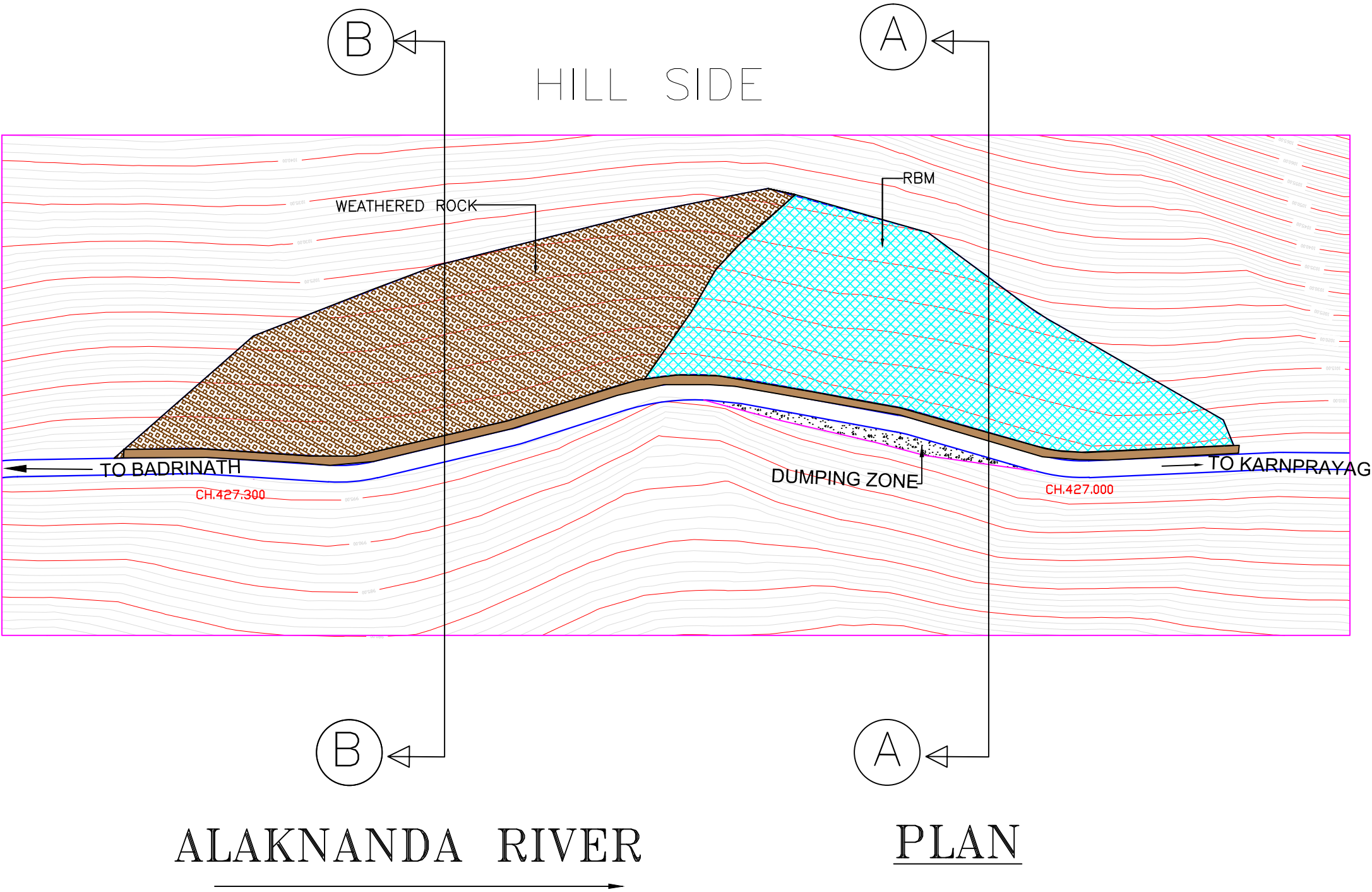
RR WALL	
STEEL GRID	
SDA	
DT MESH WITH HYDROSEEDING	



LANDSLIDE ZONE (3-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	06/18	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 427.000 TO 427.300 (CHAMOLI)

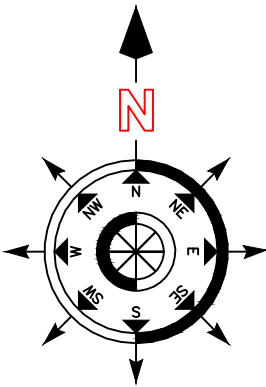


NOTES:-

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

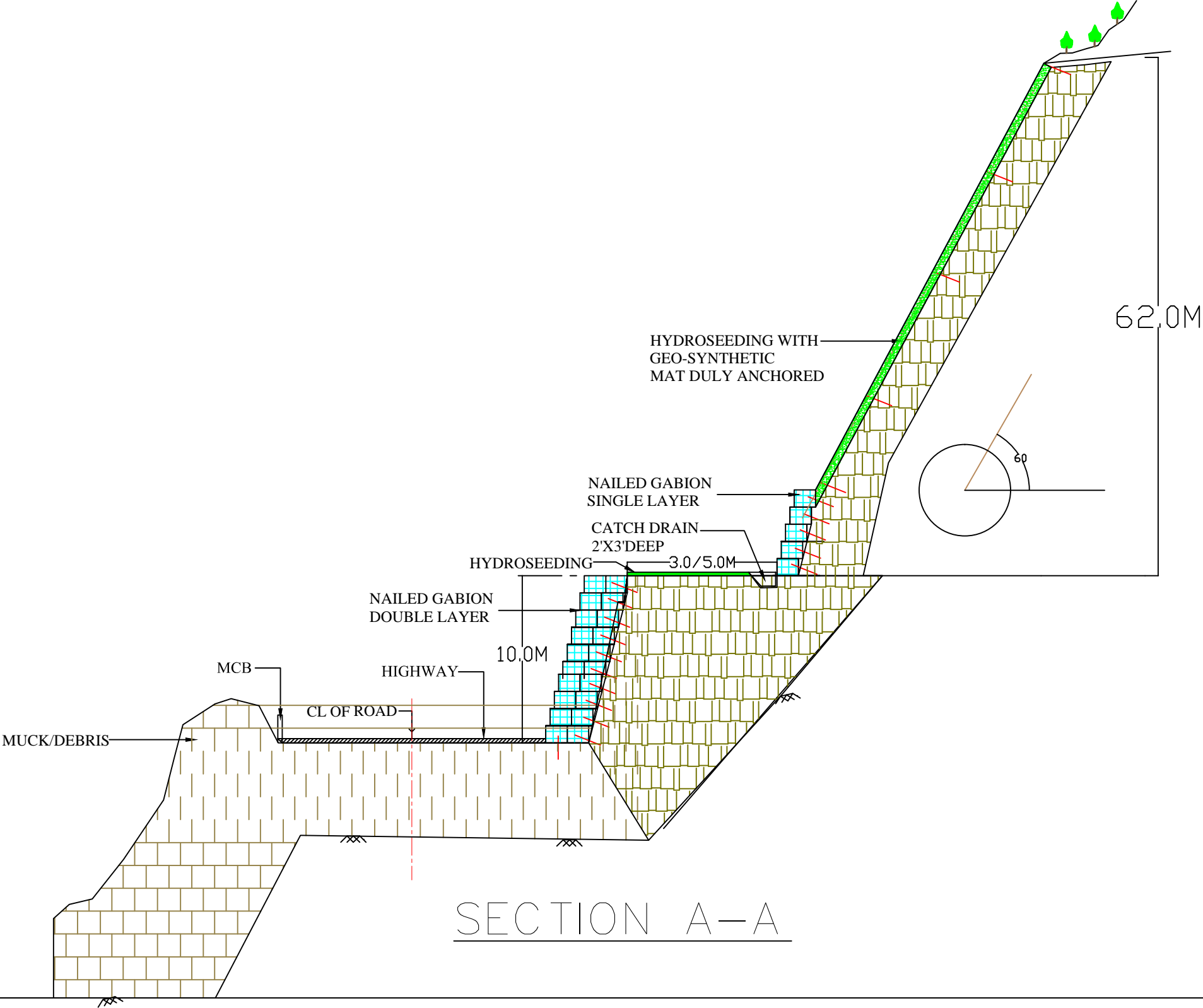
RR WALL	
DT MESH WITH HYDROSEEDING	
STEEL GRID	
SDA	



LANDSLIDE ZONE (3-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	05/18	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 429.130 TO 429.350 (KHETRAPAL)

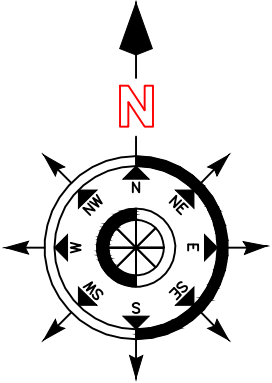


NOTES:-

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

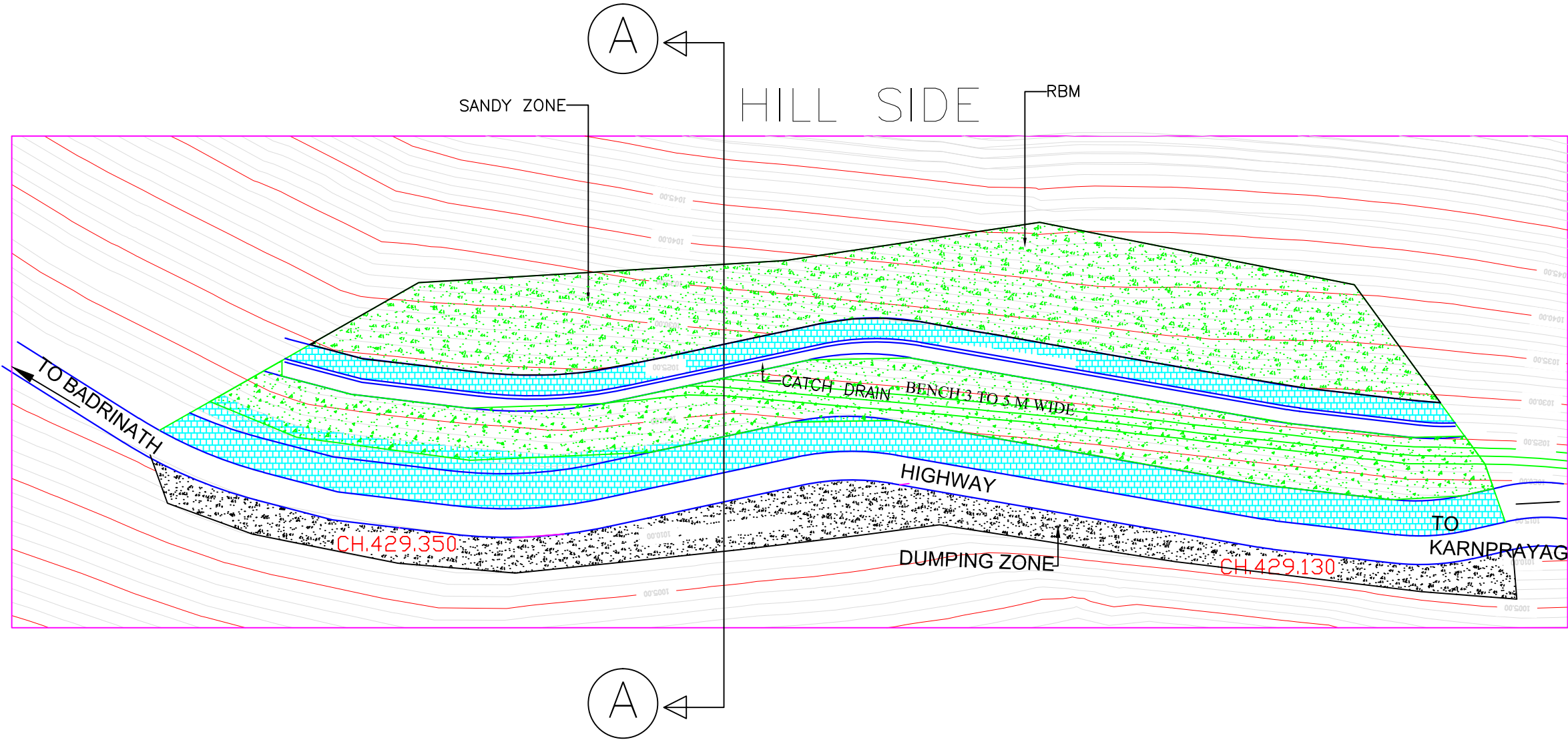
- NAILED GABION 
- HYDROSEEDING 



LANDSLIDE ZONE (4-L)

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

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 429.130 TO 429.350 (KHETRAPAL)

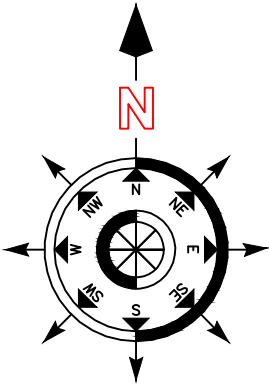


NOTES:-

- 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

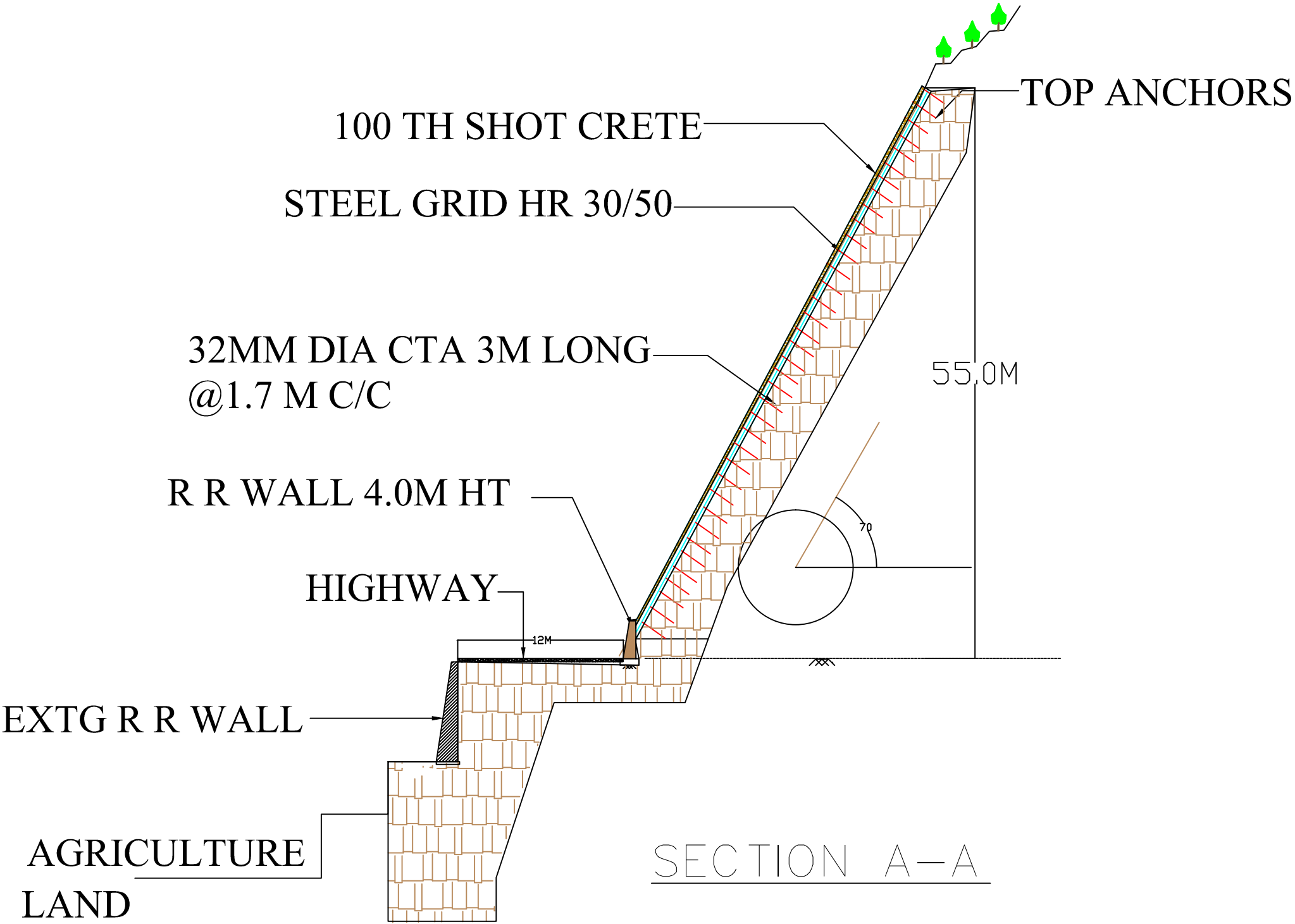
- NAILED GABION
- HYDROSEEDING



LANDSLIDE ZONE (4-L)

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

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE
KM 437.800 TO 437.865 (KAUDIA, MAYAPUR)

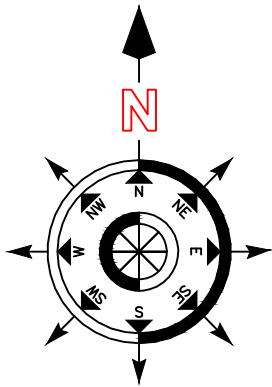


NOTES:-

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

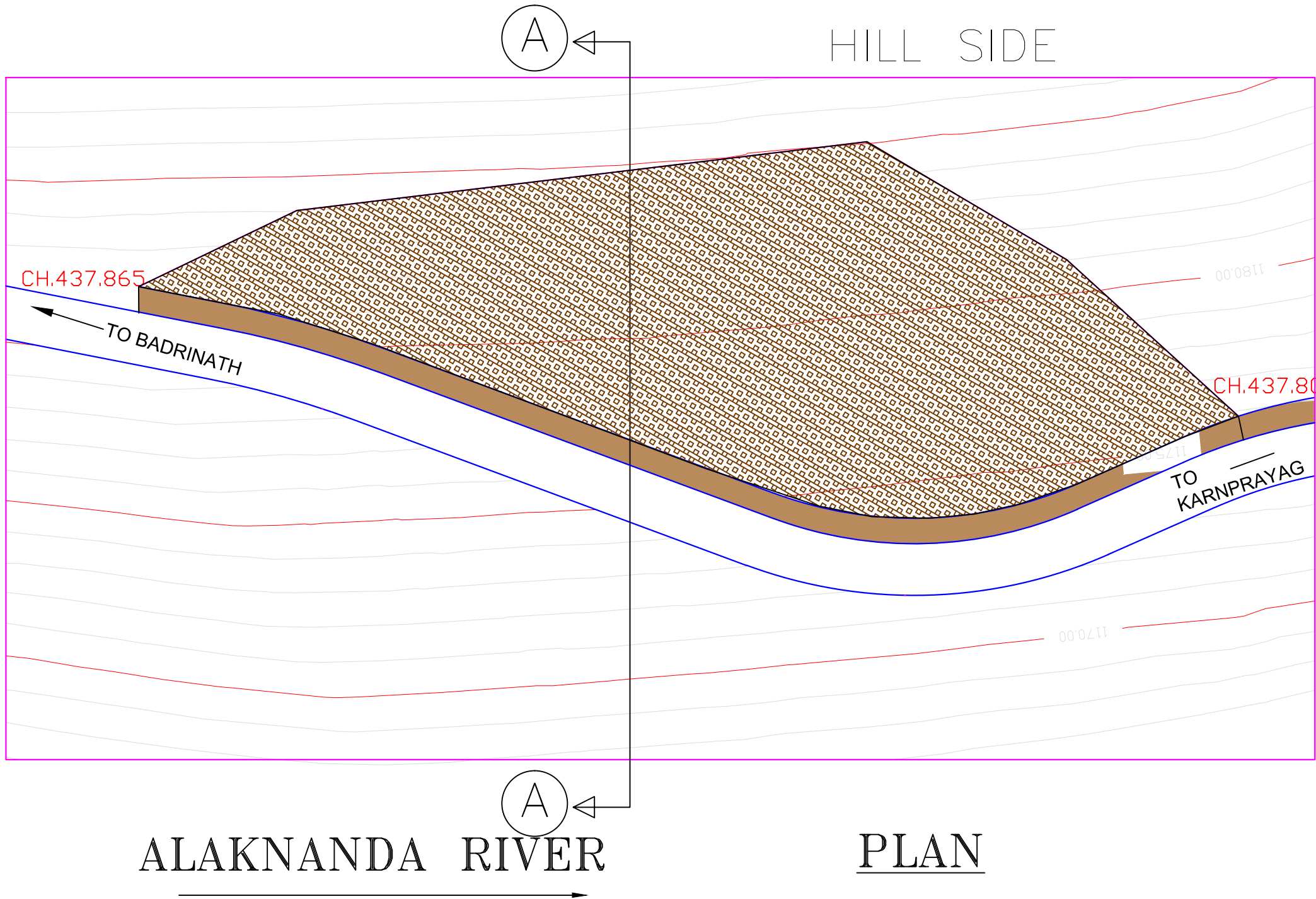
RR WALL	
SHOT CREAT	
STEEL GRID	
SDA	



LANDSLIDE ZONE (5-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	10/18	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LAND SLIDE AT CHAINAGE KM 437.800 TO 437.865 (KAUDIA, MAYAPUR)

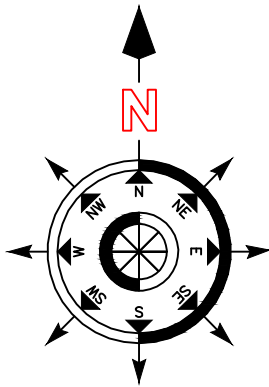


NOTES:-

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 CREAT	
STEEL GRID	
SDA	



LANDSLIDE ZONE (5-L)

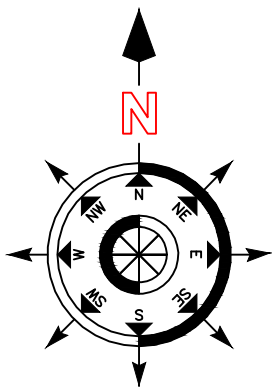
DWG. No.	SHEET No.	DATE
NHIDCL/LS	09/18	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED SINKING ZONE AT CHAINAGE KM 439.175 TO 439.570 (GADORA-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.

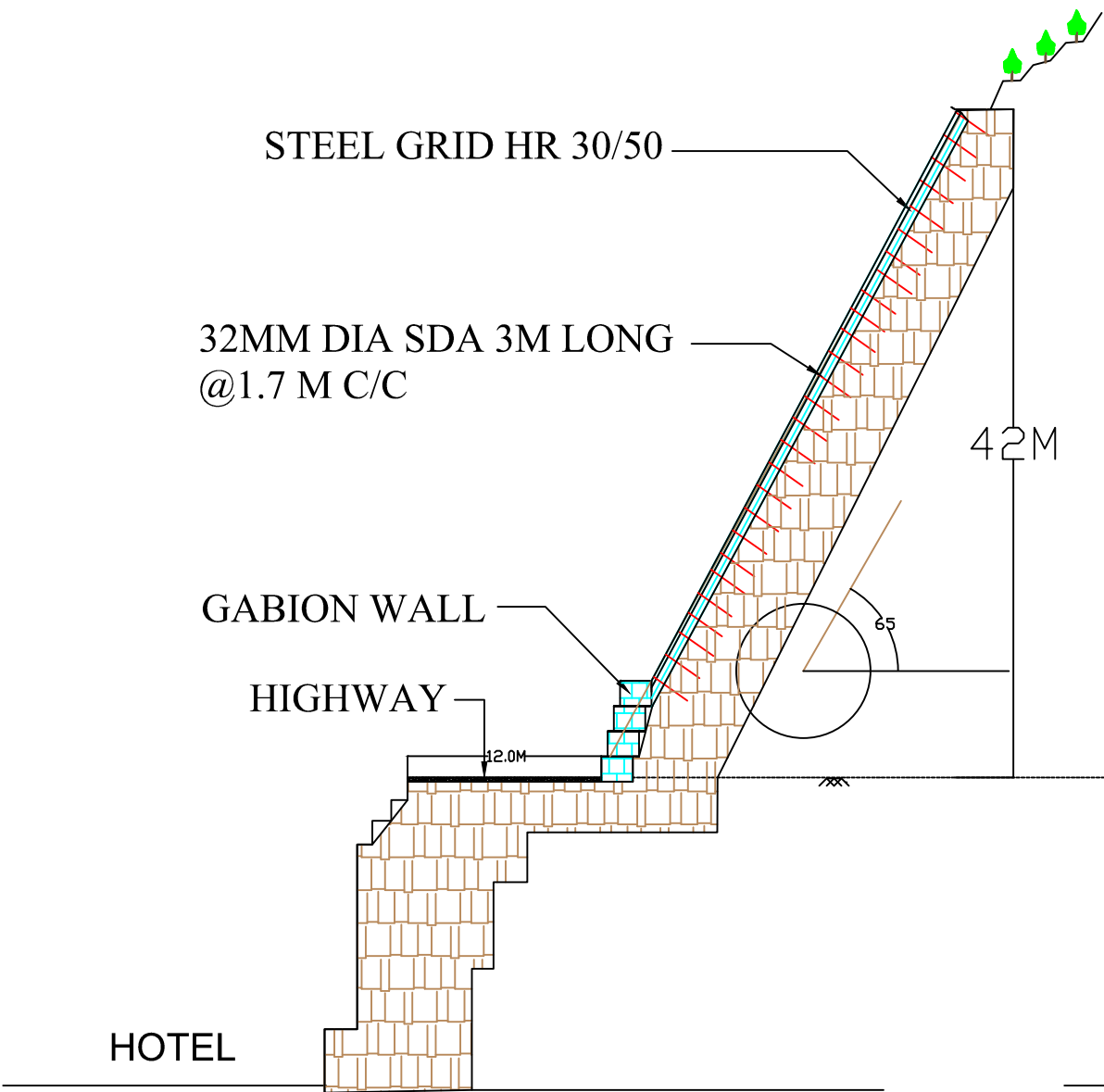
LEGEND

GABION WALL	
HYDRSEEDING	
STEEL GRID	
SDA	

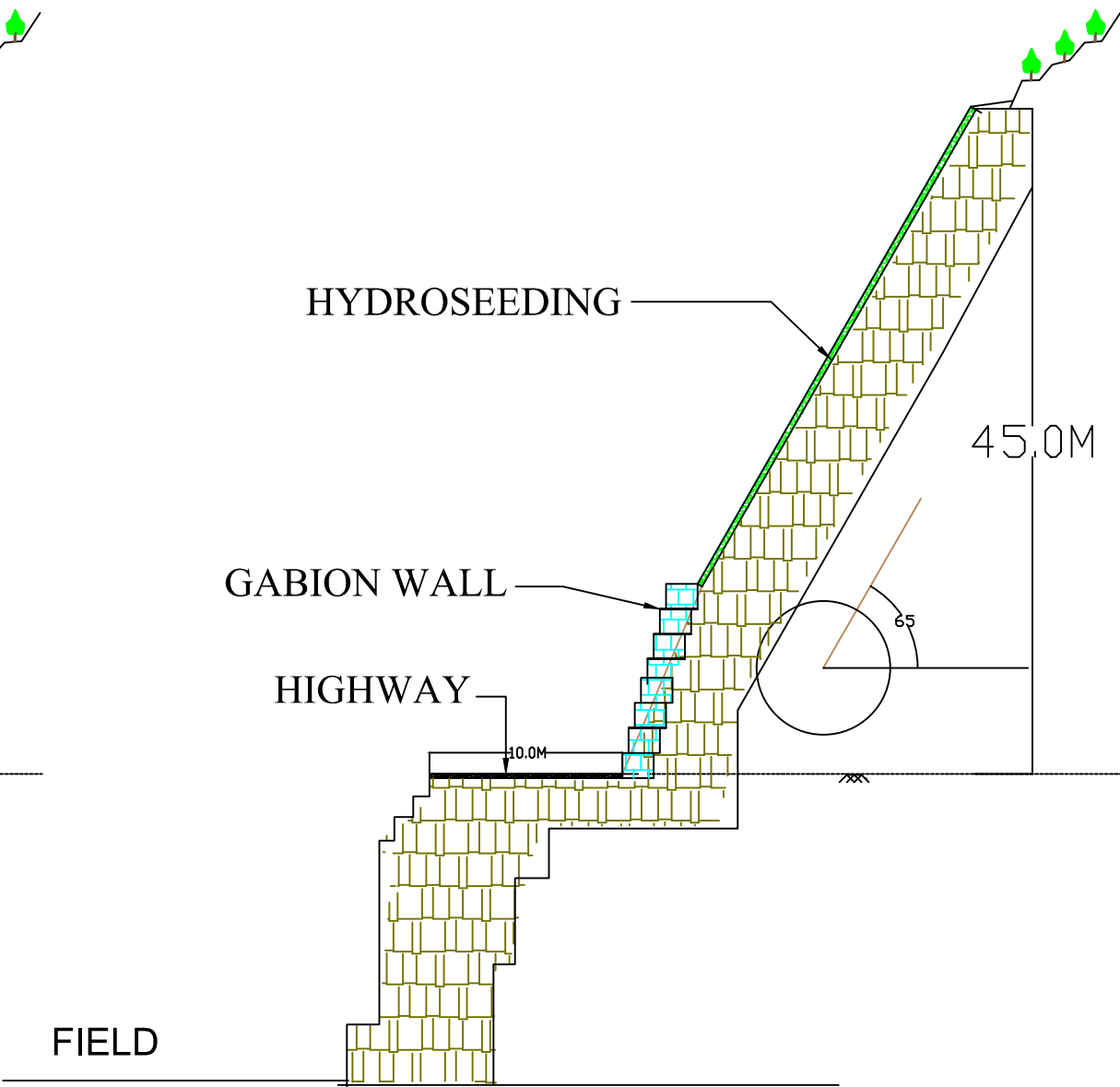


SINKING ZONE (6-S)

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

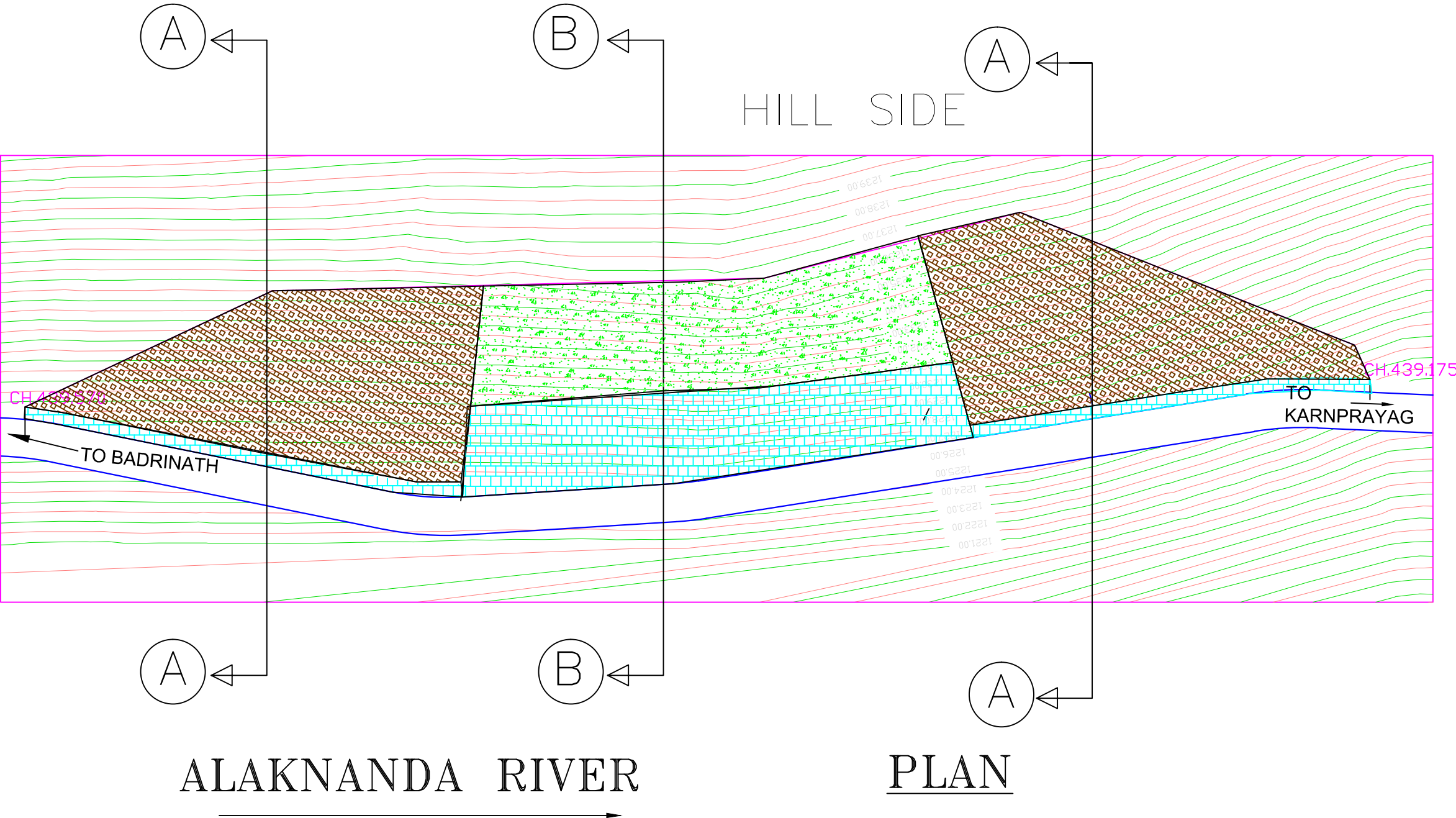


SECTION A-A



SECTION B-B

DETAILS OF PROPOSED SINKING ZONE AT CHAINAGE
KM 439.175 TO 439.570 (GADORA-1)

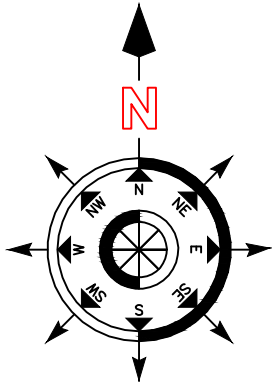


NOTES:-

1. ALL DIMENSIONS ARE IN MTR.
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3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND

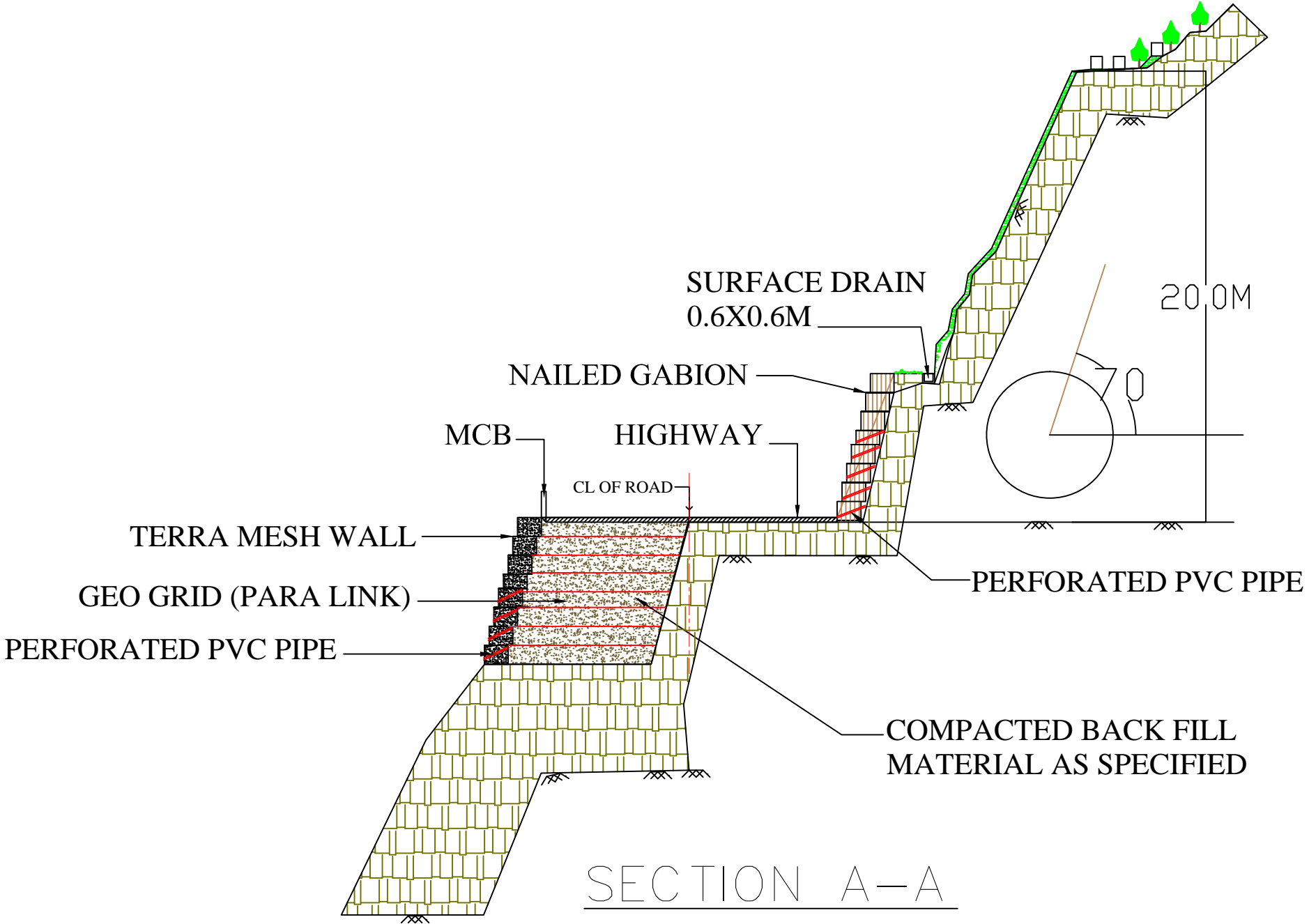
GABION WALL	
HYDRSEEDING	
STEEL GRID	
SDA	



SINKING ZONE (6-S)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	11/18	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED SINKING ZONE AT CHAINAGE KM 439.900 TO 440.310 (GADORA-II)

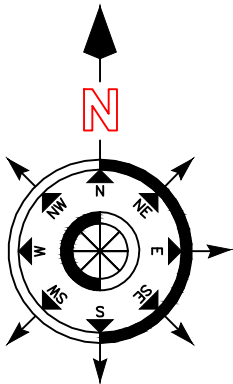


NOTES:-

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

- NAILED GABION
- TERRA MESH
- BACK FILL
- SURFACE DRAIN
- GEO GRID (PARA-LINK)






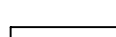

SINKING ZONE (7-S)

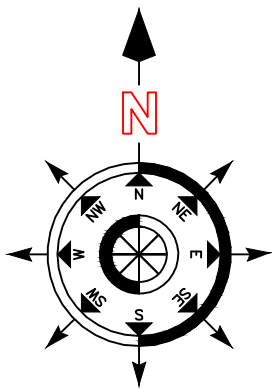
DWG. No.	SHEET No.	DATE
NHIDCL/LS	14/18	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED SINKING ZONE AT CHAINAGE KM 439.900 TO 440.310 (GADORA-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.

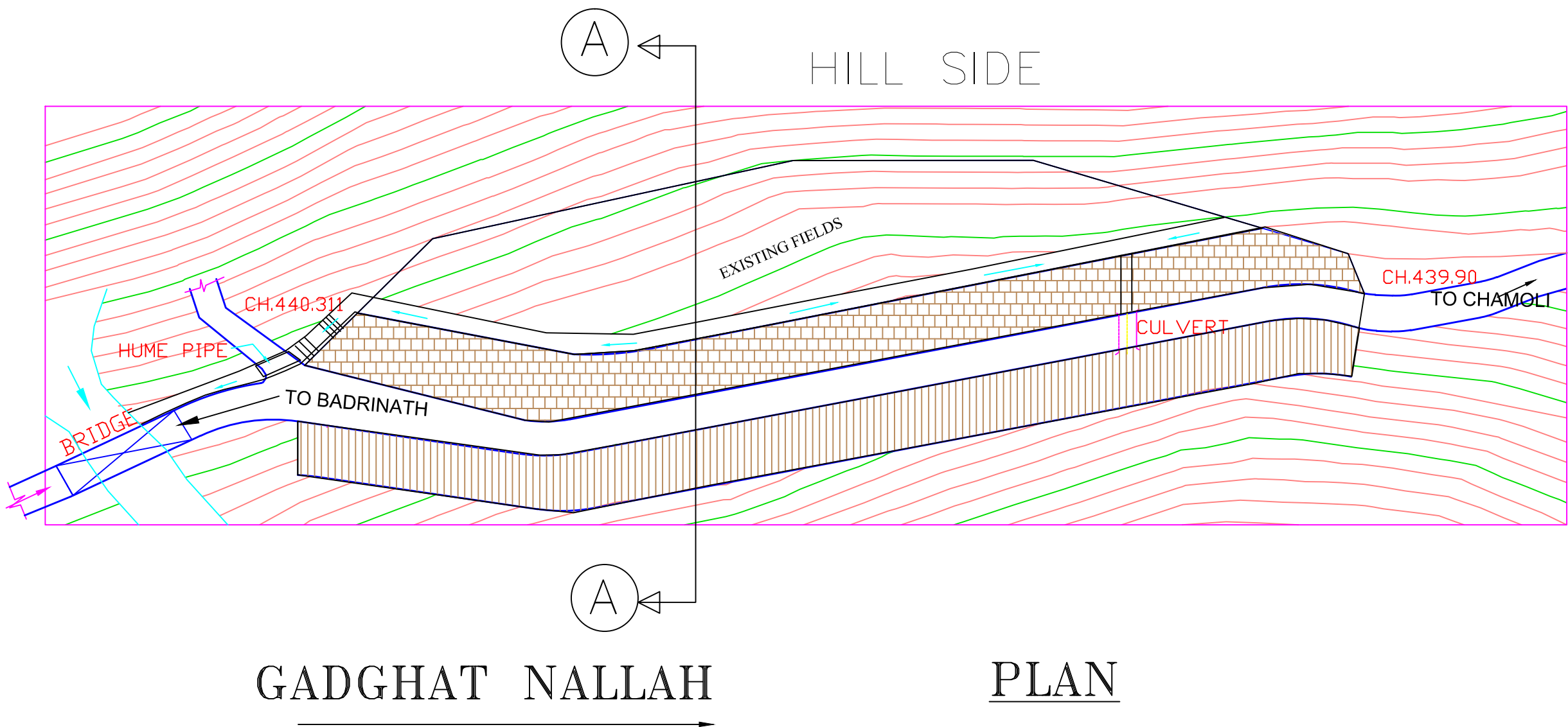
LEGEND

- NAILED GABION 
- TERRA MESH 
- BACK FILL 
- SURFACE DRAIN 
- GEO GRID (PARA-LINK) 

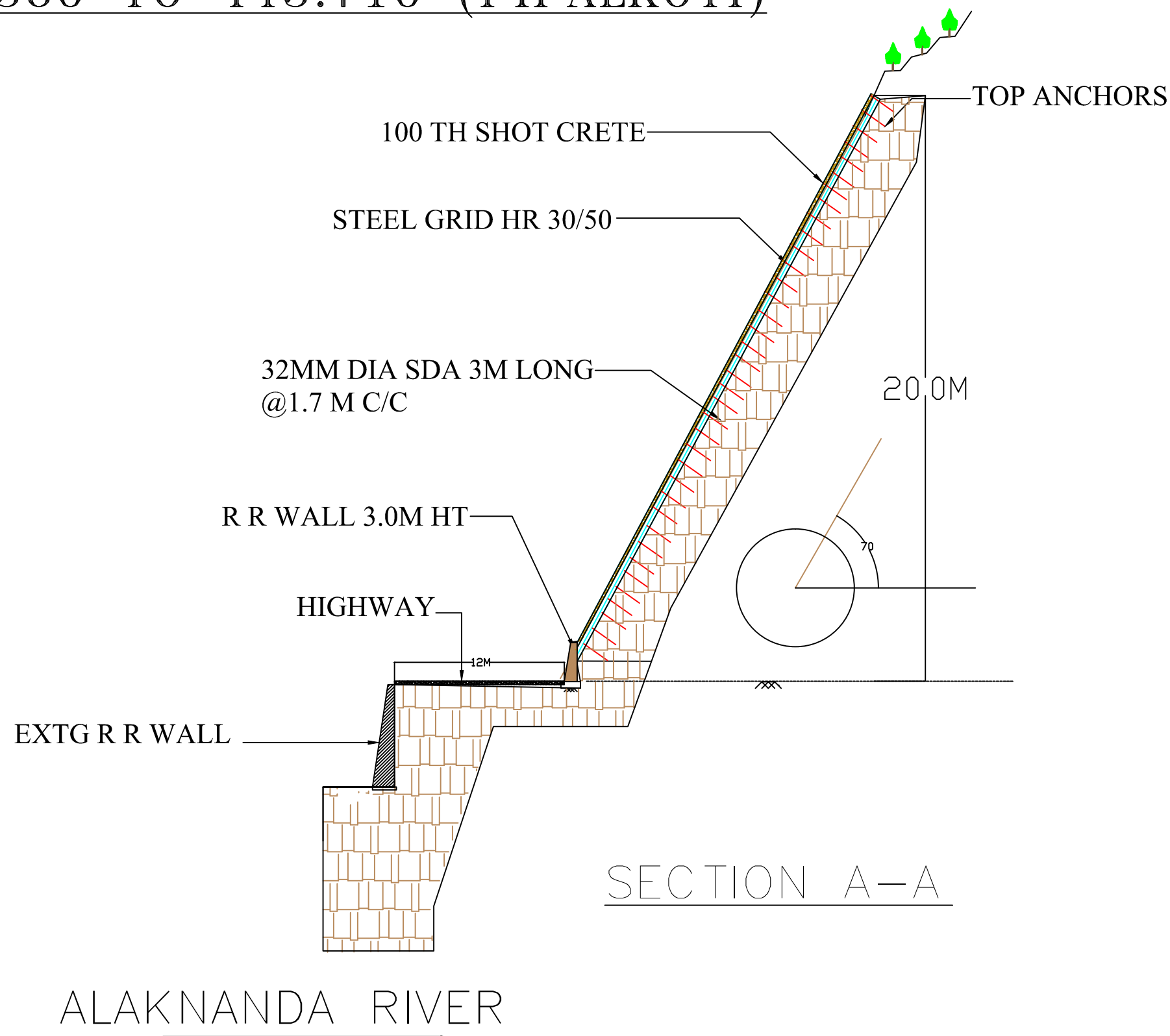


SINKING ZONE (7-S)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	13/18	24/12/2020
		SCALE 1:1



DETAILS OF PROPOSED LANDSLIDE AT CHAINAGE
KM 445.560 TO 445.710 (PIPALKOTI)

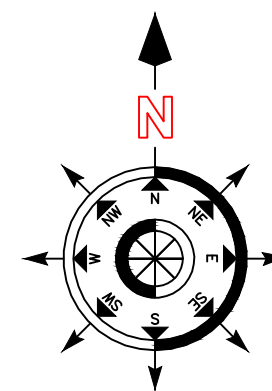


NOTES:-

1. ALL DIMENSIONS ARE IN MTR.
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3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND

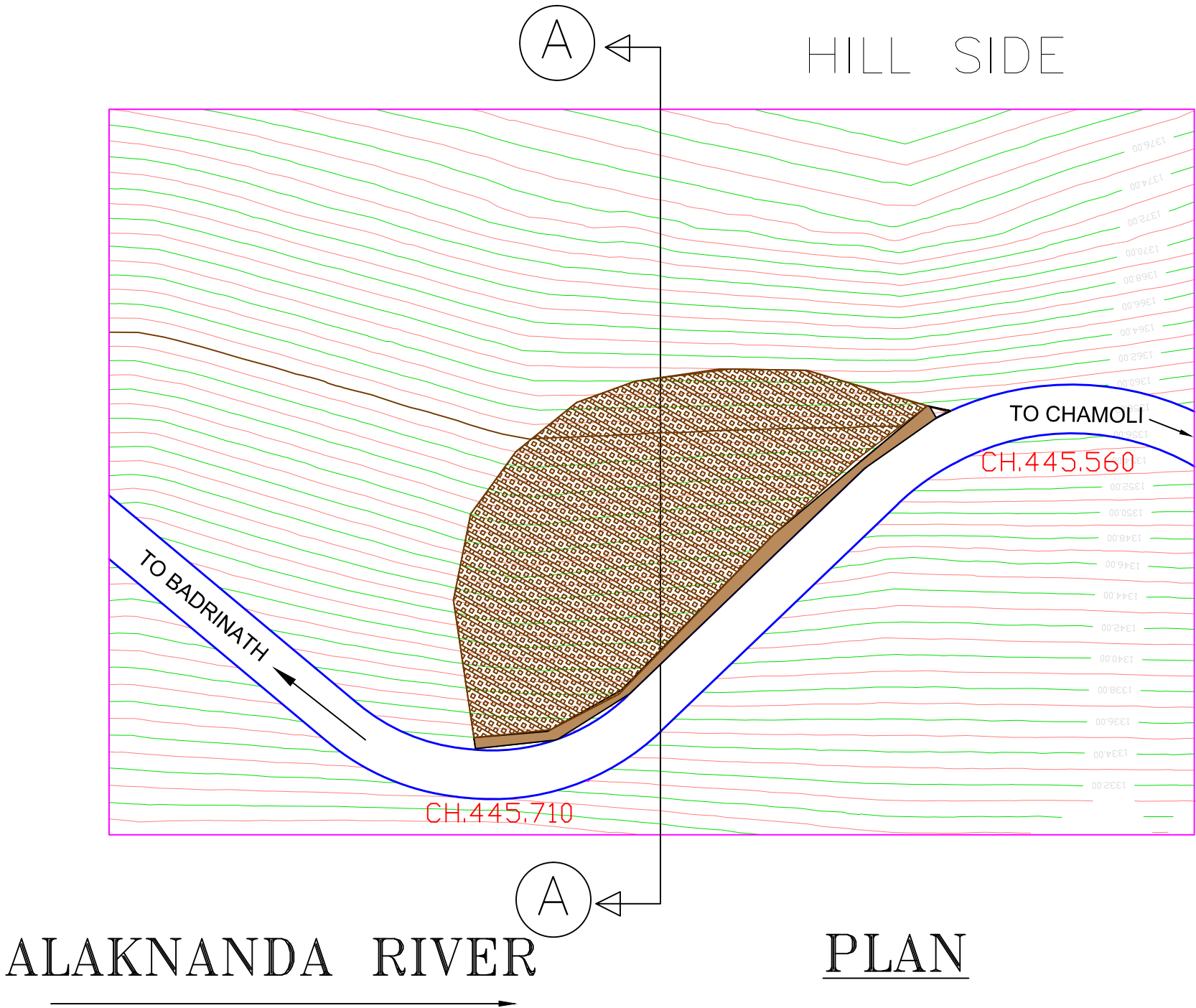
RR WALL	
SHOT CREAT	
STEEL GRID	
SDA	



LANDSLIDE ZONE (8-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	16/18	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LANDSLIDE AT CHAINAGE
KM 445.560 TO 445.710 (PIPALKOTI)

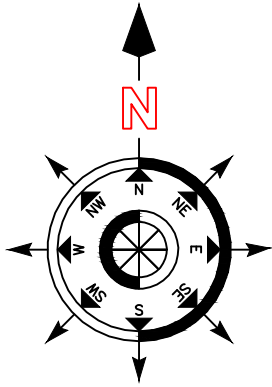


NOTES:-

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

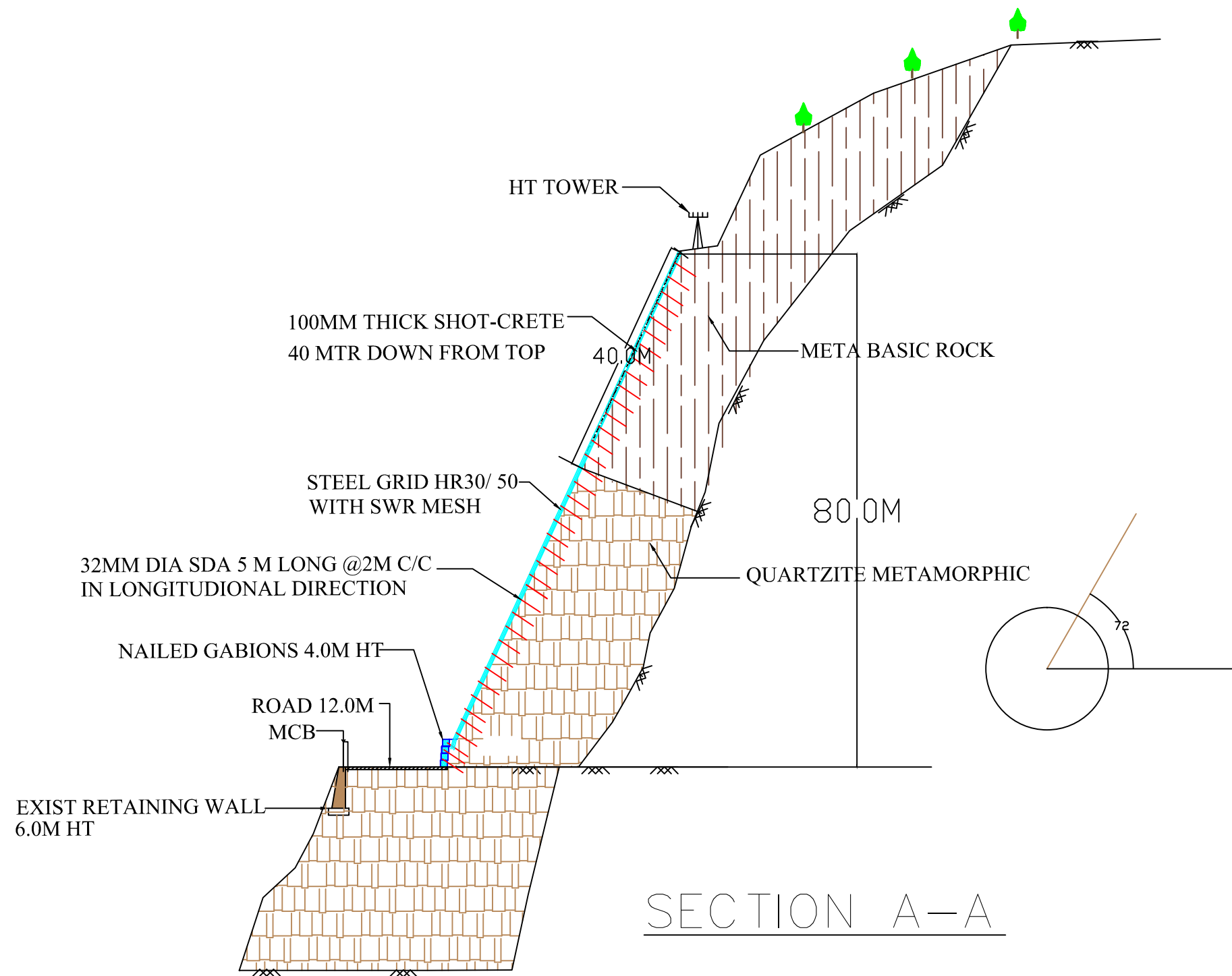
RR WALL	
SHOT CREAT	
STEEL GRID	
SDA	



LANDSLIDE ZONE (8-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	15/18	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LANDSLIDE ZONE AT CHAINAGE KM 445.950 TO 446.025 (BHANERPANI, PIPALKOTI)

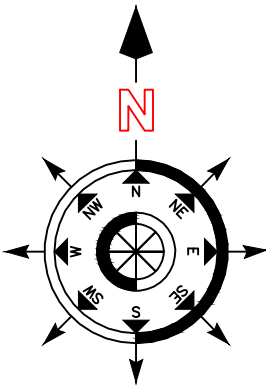


NOTES:-

- 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

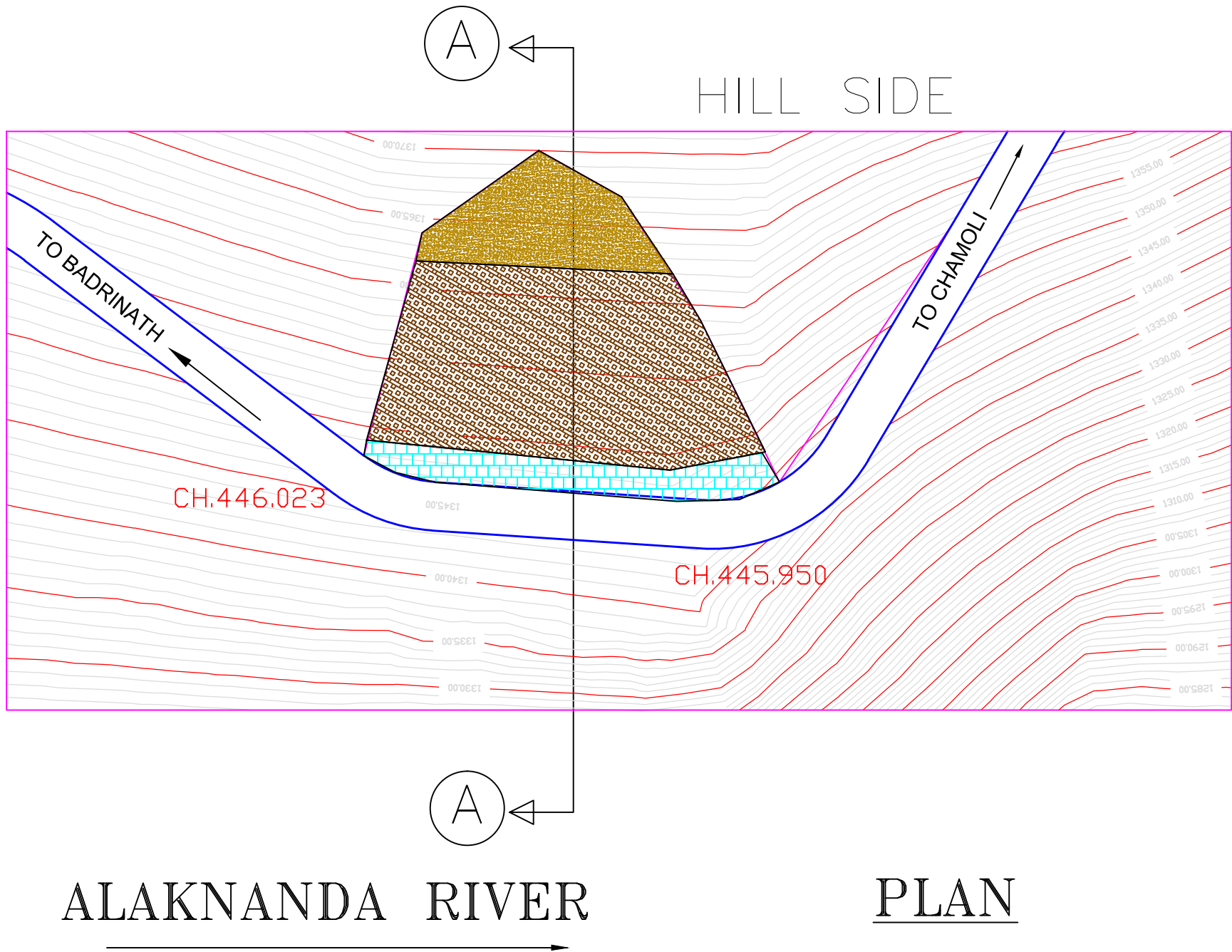
NAILED GABION	
SHOT CREAT	
STEEL GRID	
SDA	



LANDSLIDE ZONE (9-L)

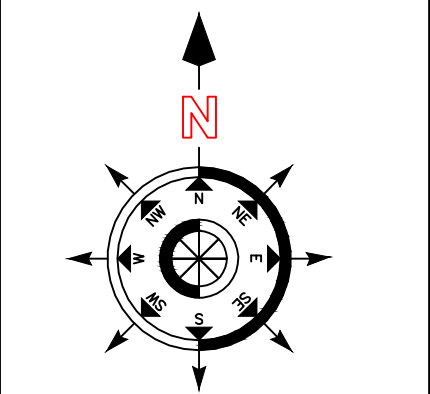
DWG. No.	SHEET No.	DATE
NHIDCL/LS	18/18	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LANDSLIDE ZONE AT CHAINAGE
KM 445.950 TO 446.025 (BHANERPANI, PIPALKOTI)



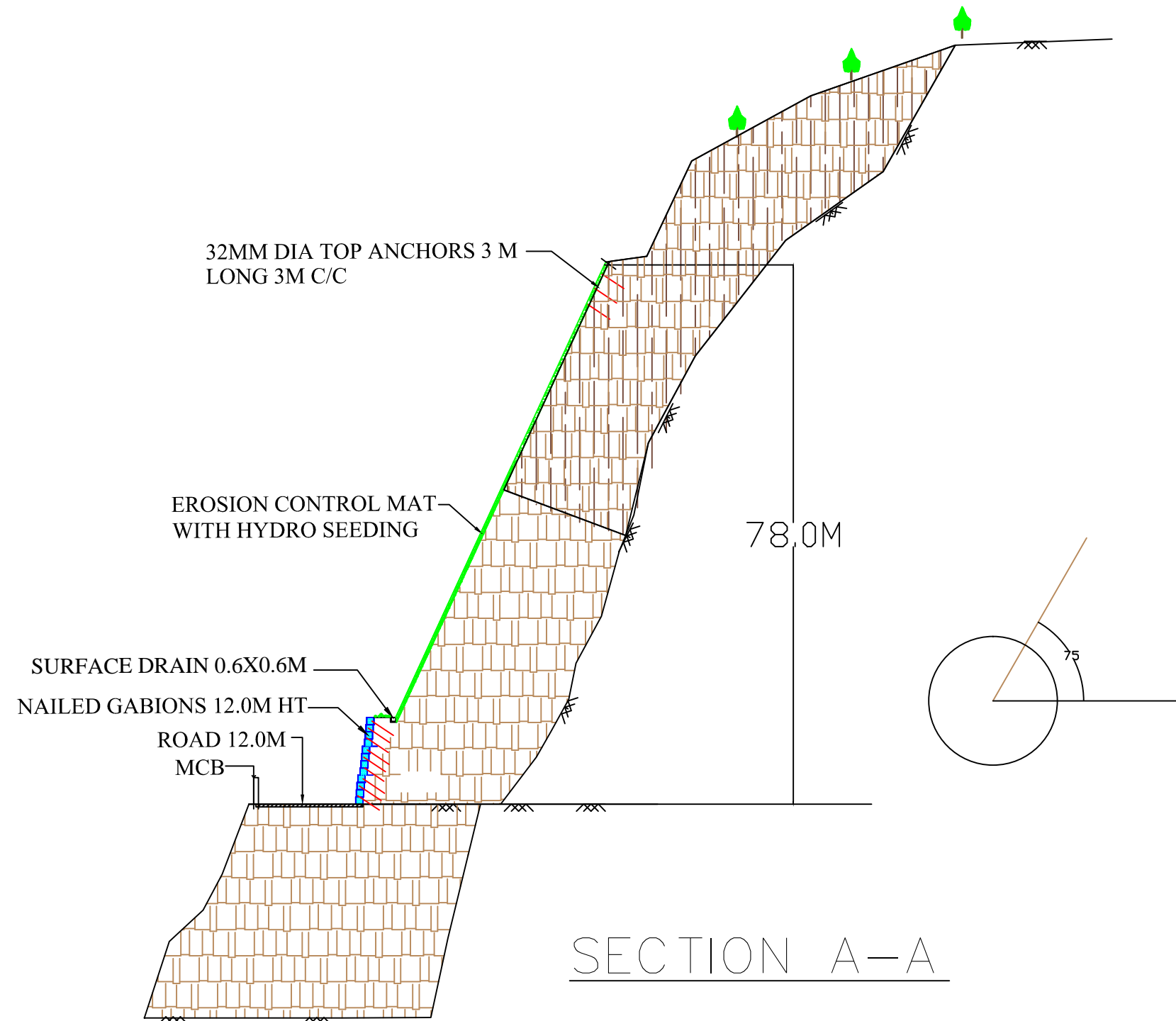
- NOTES:-
- 1. ALL DIMENSIONS ARE IN MTR.
 - 2. CONTRACTOR TO CHECK AND VERIFY ALL DIMENSIONS BEFORE EXECUTION OF WORK AT SITE.
 - 3. FIGURE DIMENSIONS SHALL FOLLOWED UNLESS OTHERWISE SPECIFIED
 - 4. CONSTRUCTION OF HIGHWAY IS NOT SCOPE OF THIS WORK.

LEGEND	
NAILED GABION	
SHOT CREAT	
STEEL GRID	
SDA	



LANDSLIDE ZONE (9-L)		
DWG. No.	SHEET No.	DATE
NHIDCL/LS	17/18	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LANDSLIDE ZONE AT CHAINAGE KM 445.710 TO 445.770(PIPALKOTI-II)

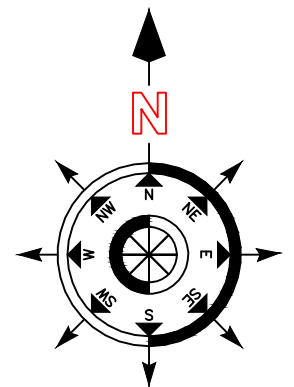


NOTES:-

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

NAILED GABION	
HYDRO SEEDING	
EROSION CONTROL MAT	
SDA	



LANDSLIDE ZONE (10-L)





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

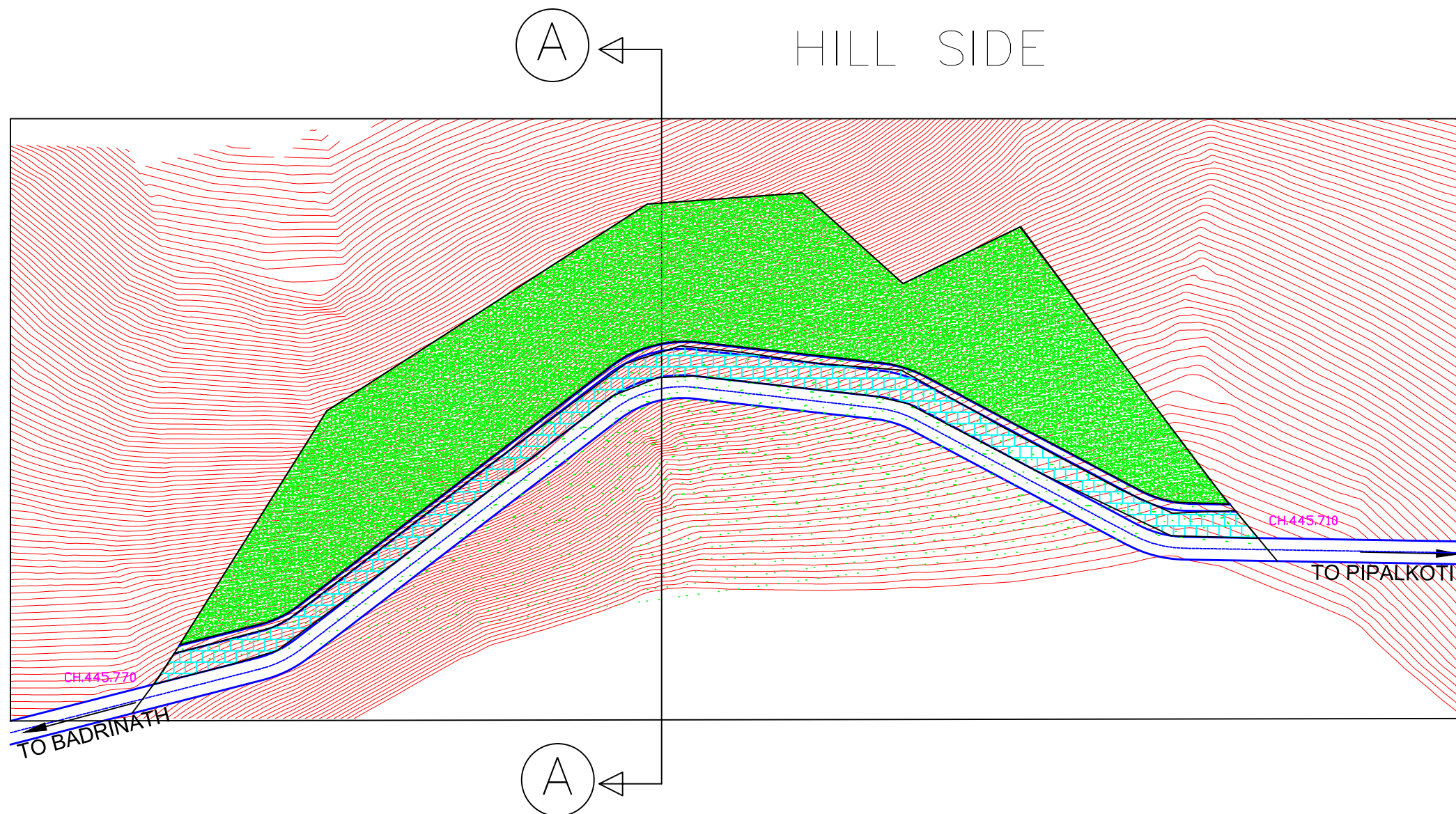
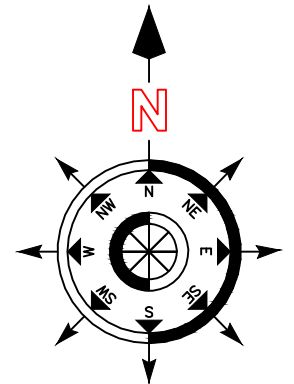
DETAILS OF PROPOSED LANDSLIDE ZONE AT CHAINAGE KM 445.710 TO 445.770(PIPALKOTI-II)

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

NAILED GABION	
HYDRO SEEDING	
EROSION CONTROL MAT	
SDA	



PLAN

ALAKNANDA RIVER

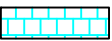
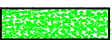


LANDSLIDE ZONE (10-L)

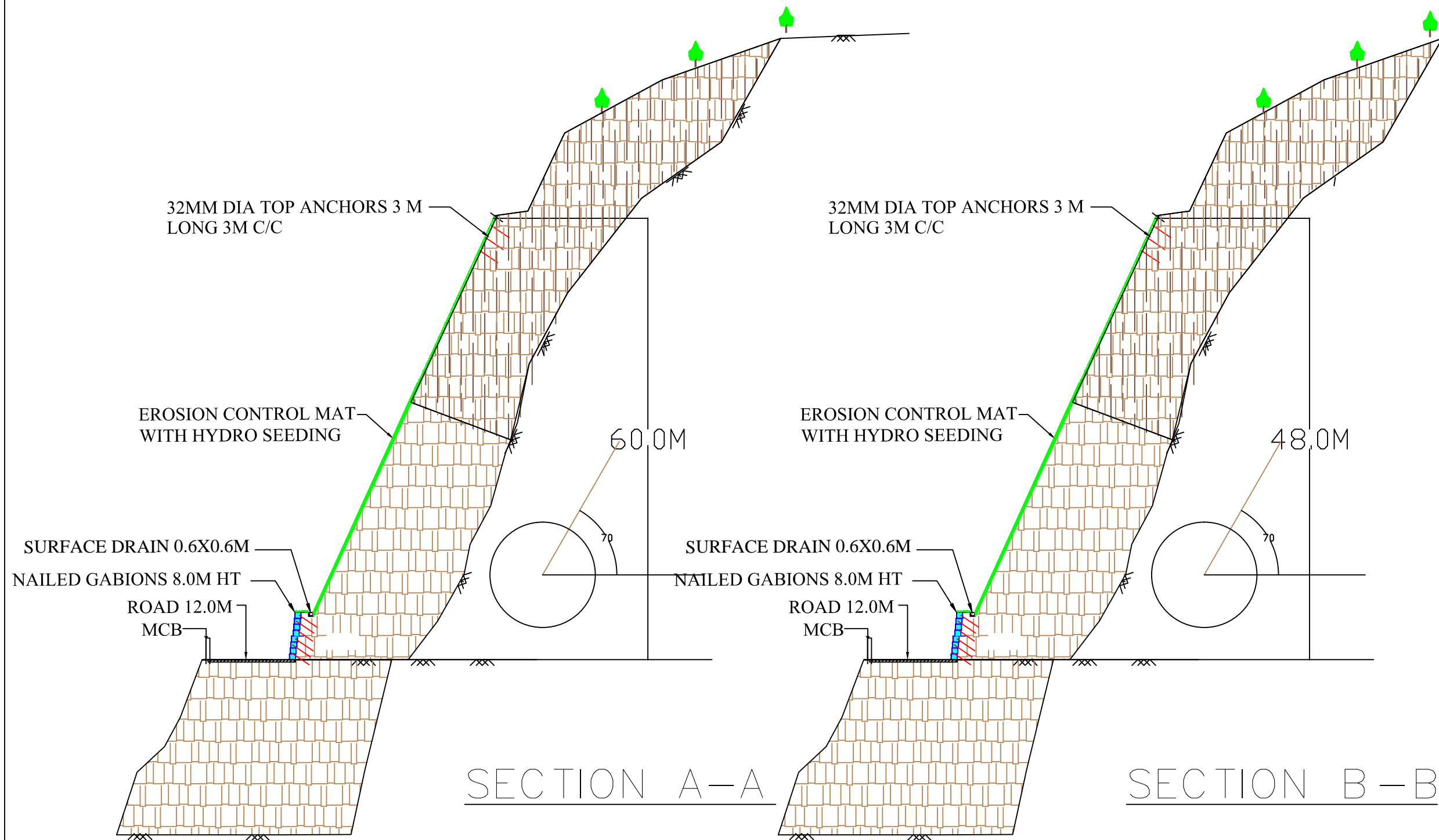
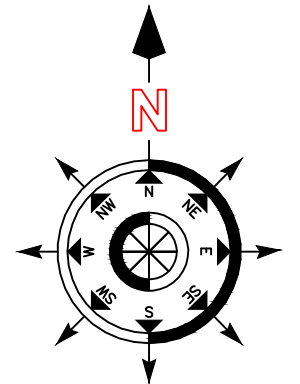
DWG. No.	SHEET No.	DATE
NHIDCL/LS	19/24	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LANDSLIDE ZONE AT CHAINAGE KM 452.300 TO 452.500 (PAKHI)

- 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

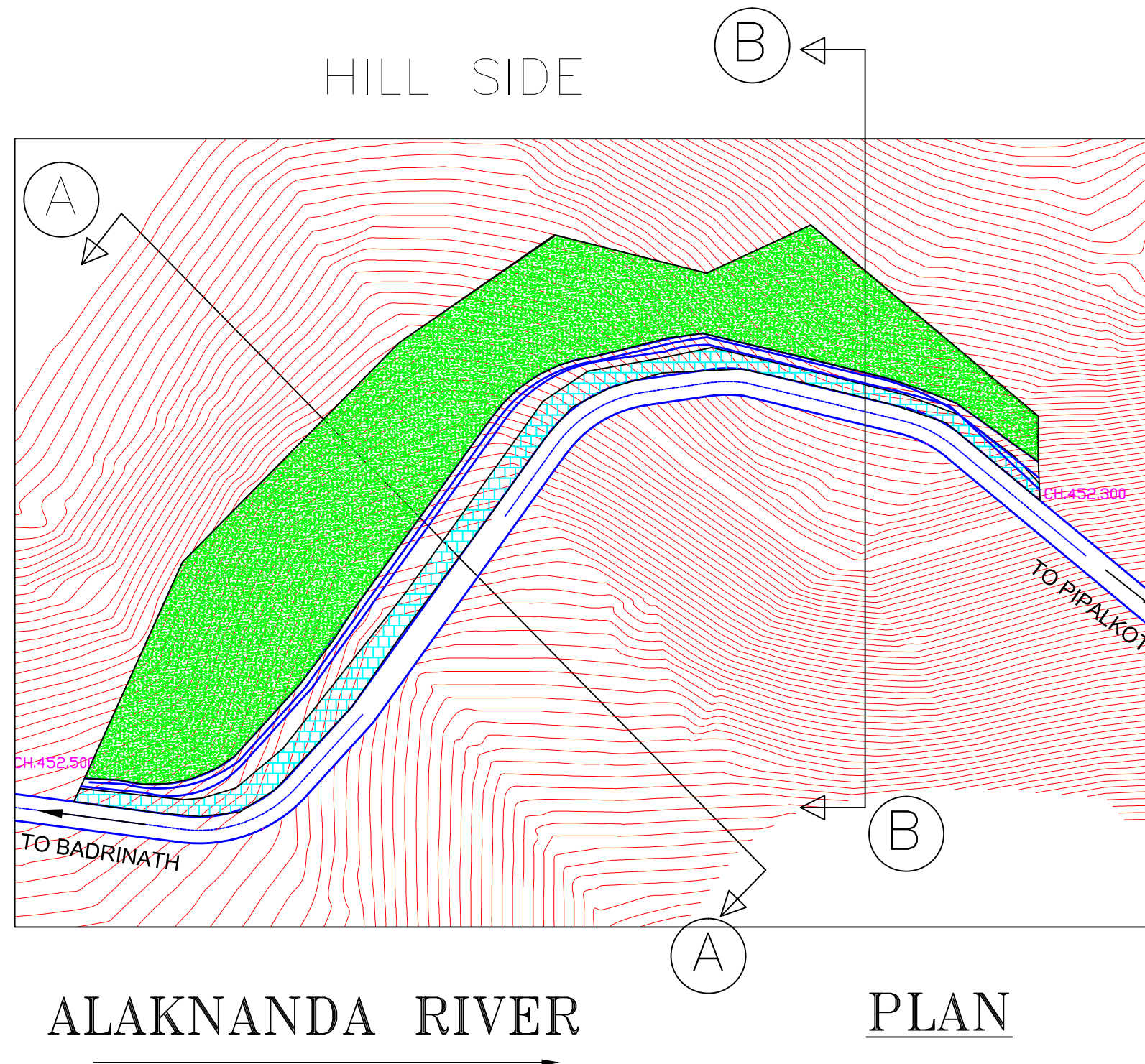
NAILED GABION	
HYDRO SEEDING	
EROSION CONTROL MAT	
SDA	



LANDSLIDE ZONE (11-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	22/24	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LANDSLIDE ZONE AT CHAINAGE KM 452.300 TO 452.500 (PAKHI)

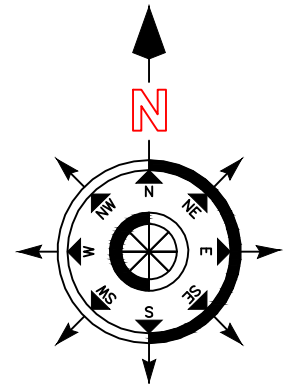


NOTES:-

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

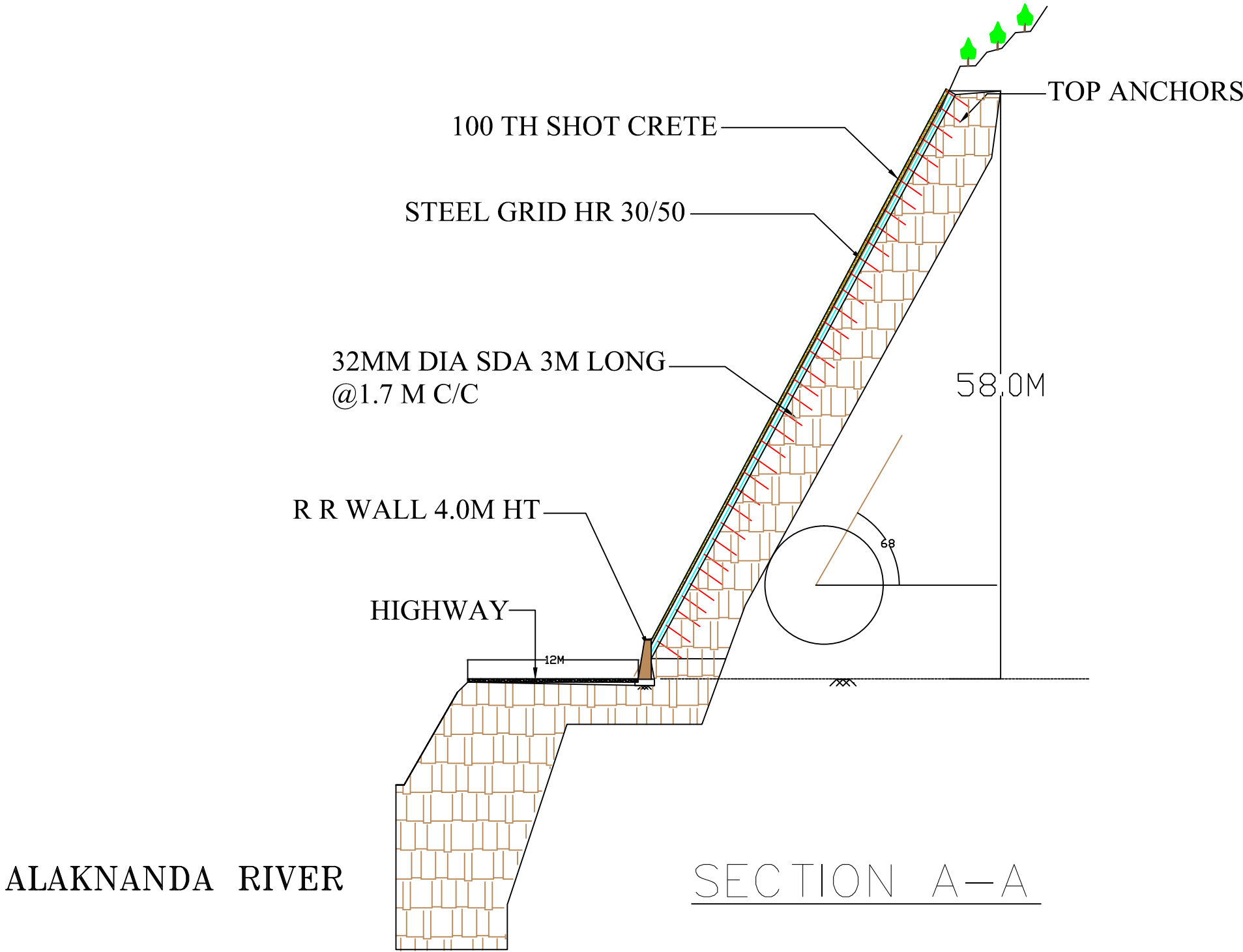
NAILED GABION	
HYDRO SEEDING	
EROSION CONTROL MAT	
SDA	



LANDSLIDE ZONE (11-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	21/24	24/12/2020
		SCALE 1:1

DETAILS OF PROPOSED LANDSLIDE ZONE AT CHAINAGE
KM 455.870 TO 455.930 (PATAL GANGA)

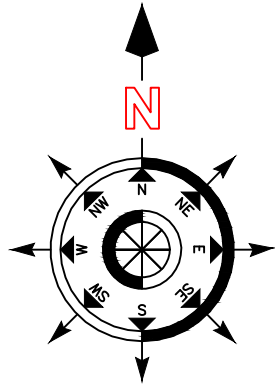


NOTES:-

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

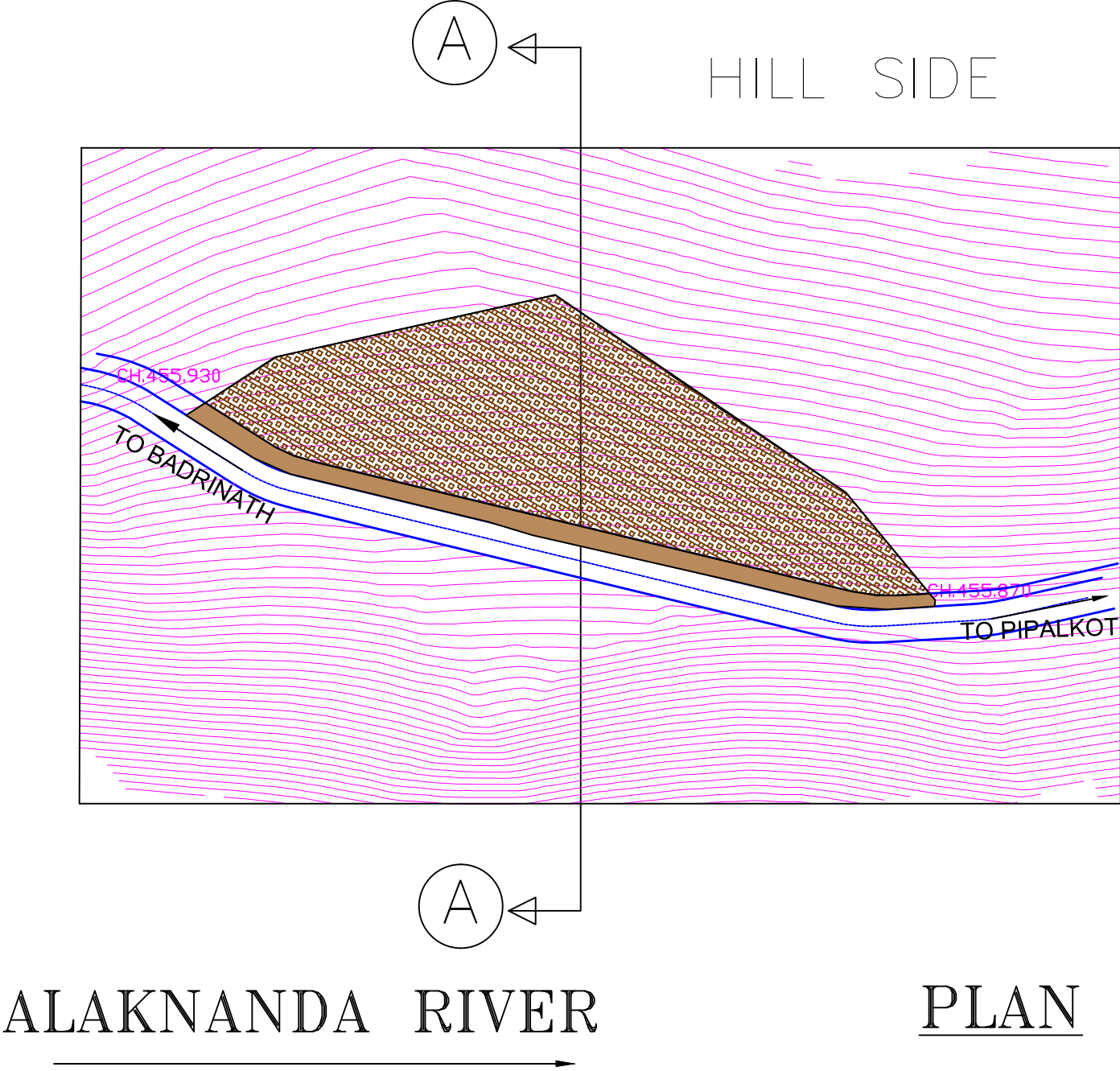
RR WALL	
SHOT CREAT	
STEEL GRID	
SDA	



LANDSLIDE ZONE (12-L)

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

DETAILS OF PROPOSED LANDSLIDE ZONE AT CHAINAGE
KM 455.870 TO 455.930 (PATAL GANGA)

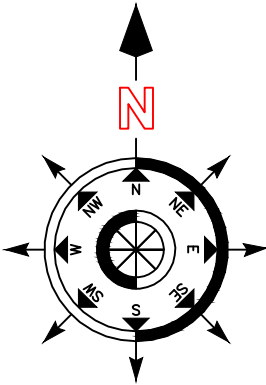


NOTES:-

- 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 CREAT	
STEEL GRID	
SDA	



LANDSLIDE ZONE (12-L)

DWG. No.	SHEET No.	DATE
NHIDCL/LS	23/24	24/12/2020
		SCALE 1:1