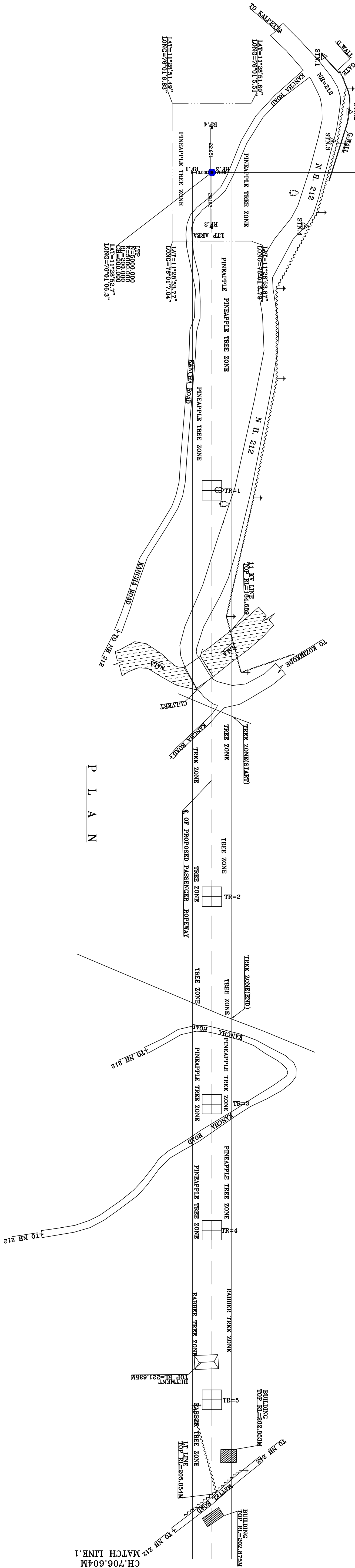


LTP				TR=1				NH=212				NALA				NH=212				KANCHA ROAD			
DATE	EL.	170.000M																					
EXISTING	GROUND	DATE																					
CHANGE	(M)																						
36.846	204.923																						
30.608	204.123																						
24.126	202.893																						
22.657	202.847																						
16.192	201.992																						
9.172	201.536																						
5.578	199.893																						
000.000	200.000																						
8.318	198.720																						
11.757	197.120																						
15.323	195.090																						
23.436	195.621																						
28.102	194.627																						
32.903	194.378																						
43.812	194.232																						
55.931	194.572																						
62.202	194.601																						
72.300	193.214																						
82.532	193.142																						
91.798	192.515																						
101.498	191.923																						
113.789	191.431																						
122.826	190.889																						
133.296	190.347																						
144.397	189.805																						
152.495	189.263																						
162.000	186.213																						
170.564	185.932																						
195.678	179.023																						
223.710	177.277																						
240.998	175.231																						
257.550	175.623																						
270.411	176.232																						
275.970	176.691																						
279.415	177.329																						
297.752	179.295																						
309.133	189.323																						
321.274	192.254																						
331.155	194.796																						
339.165	197.338																						
348.751	199.880																						
359.265	202.422																						
369.013	204.964																						
377.060	207.505																						
386.143	210.047																						
394.993	212.589																						
406.485	215.131																						
416.071	217.673																						
427.278	220.215																						
435.362	222.765																						
438.417	222.223																						
458.434	230.690																						
474.749	236.539																						
480.893	238.458																						
484.661	239.832																						
489.190	239.874																						
499.657	240.563																						
506.276	241.663																						
513.271	242.042																						
523.178	242.158																						
539.019	243.832																						
544.293	241.522																						
553.973	237.526																						
566.338	233.530																						
577.957	229.534																						
589.301	225.538																						
600.507	221.542																						
602.478	218.624																						
609.632	218.624																						
612.592	219.248																						
615.507	216.248																						
625.398	212.885																						
640.195	207.548																						
664.371	200.328																						
673.529	199.687																						
682.519	198.247																						
688.629	198.247																						
LTP LINE				TOP RL=205.854M				LTP LINE				TOP RL=205.854M				BUILDING				TOP RL=202.875M			

LONGITUDINAL SECTION ALONG THE CENTRE LINE OF PROPOSED PASSENGER ROPEWAY
SCALE: H=1000 V=1000



LEGEND

S.NO.	SYMBOL	DESCRIPTION
1		TREE
2		COCONUT TREE
3		ELECTRIC POST
4		LIGHT POST
5		TRANSFORMER
6		HUT
7		TUBE WELL
8		TAP CAL
9		SIT
10		BED
11		GARDEN
12		ROAD
13		CONTOUR
14		TEMPLE
15		BUILDING
16		NALA

LIST OF CO-ORDINATES OF TRAVERSE STN.

TRAVERSE STATION	NORTHING	EASTING	R.L.
1.	4950.592	4934.464	193.150
2.	4980.564	4928.095	191.785
3.	4993.824	4936.900	190.118
4.	5034.477	4957.524	188.020
5.	8464.787	5488.586	839.488
6.	8470.671	5464.798	837.926
7.	8748.241	5811.770	848.912
8.	8789.189	5622.725	847.880
9.	8673.348	5581.718	855.032
10.	8699.432	5580.648	854.352
11.	8247.700	5544.128	864.145
12.	8252.851	5529.121	865.288

NOTES

- ALL DIMENSIONS ARE IN METRES.
- T.B.M. CARRIED FROM LOWER STATION POINT MARKED AS DWG AS . THE VALUE OF TBM IS 200.000M AS ASSUMED.
- MAGNETIC BEARING OF PROPOSED ALIGNMENT FROM LOWER STATION TO UPPER STATION 9D 07' 08"
- CONTOUR INTERVAL=1M
- GRID INTERVAL=2M.
- PERIOD OF SURVEY AUG,2017

DAMODAR ROPEWAYS & INFRA LIMITED
CALCUTTA

CLIENT :-
WESTERN GHATS DEVELOPMENT LTD.,
VICTORIA BETTER HOMES,
KALPETTA - 673121.

PROJECT :-
PASSENGER ROPEWAY
BETWEEN ADIVARAM AND LAKKIDI IN KERALA

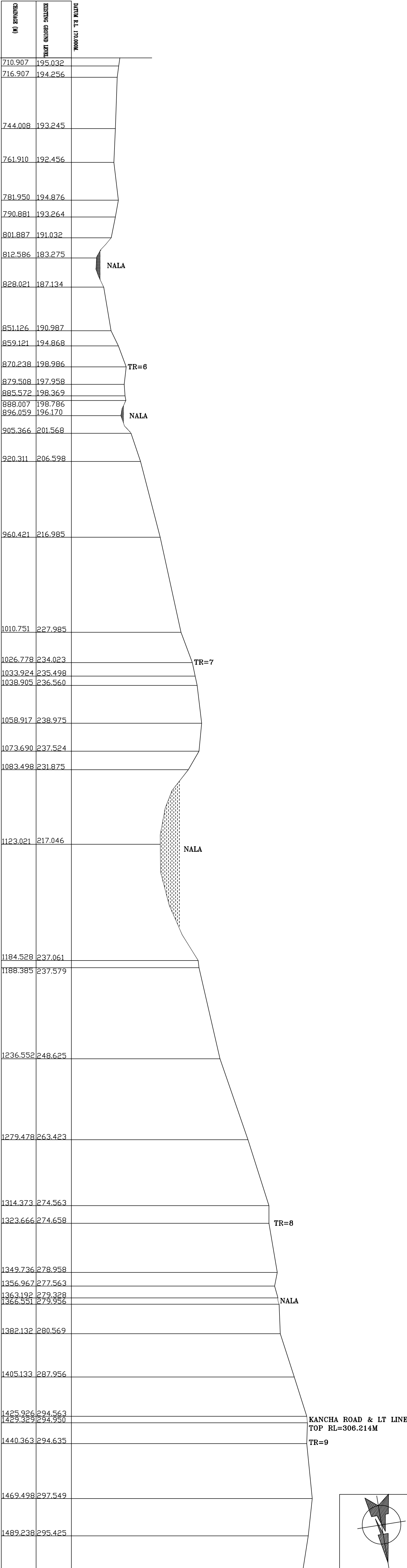
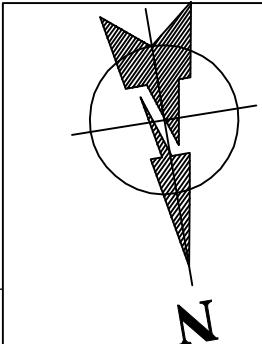
DRAWN
TRACED
CHECKED A
CHECKED B
SHEET SIZE
DATE
SCALE

S.D.AS
G.D.AS
A-1
AUG,2017
1 : 1000

TITLE :-
DETAIL SURVEY FOR THE PROPOSED PASSENGER ROPEWAY
BETWEEN ADIVARAM AND LAKKIDI IN KERALA
CH.0.000M TO 706.804M

DRG. NO. DRIL/WGDL/SUV/17-18/001 (SHEET 1/5)

REVISION
1
1
1
1



LONGITUDINAL SECTION ALONG THE CENTRE LINE OF PROPOSED PASSENGER ROPEWAY
SCALE: H=1000, V=1000

CH.706.604M
MATCH LINE.1

P L A N

CH.1506.645M
MATCH LINE.2

LEGEND

SL.NO.	SYMBOL	DESCRIPTION
1		TREE
2		COCONUT TREE
3		ELECTRIC POST
4		LIGHT POST
5		TRANSFORMER
6		HUT
7		TUBE WELL
8		TAP CAL
9		SIT
10		BED
11		GARDEN
12		ROAD
13		CONTOUR
14		TEMPLE
15		BUILDING
16		NALA

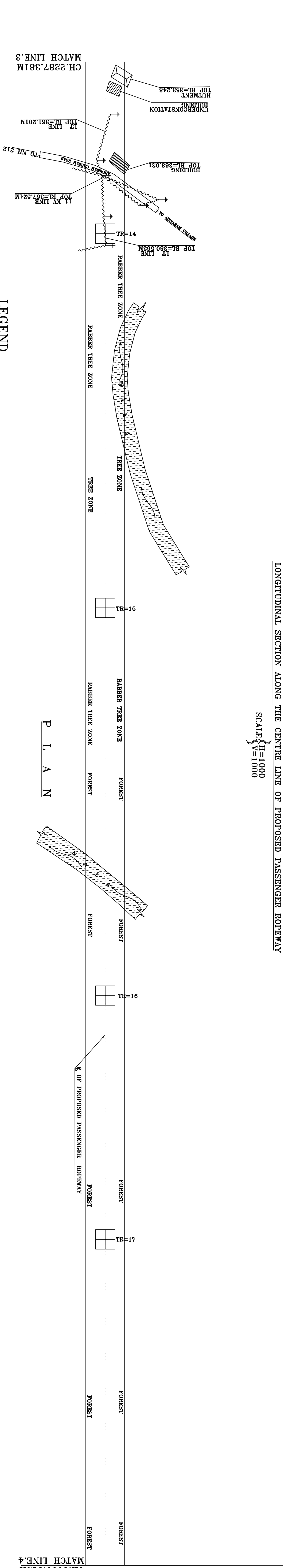
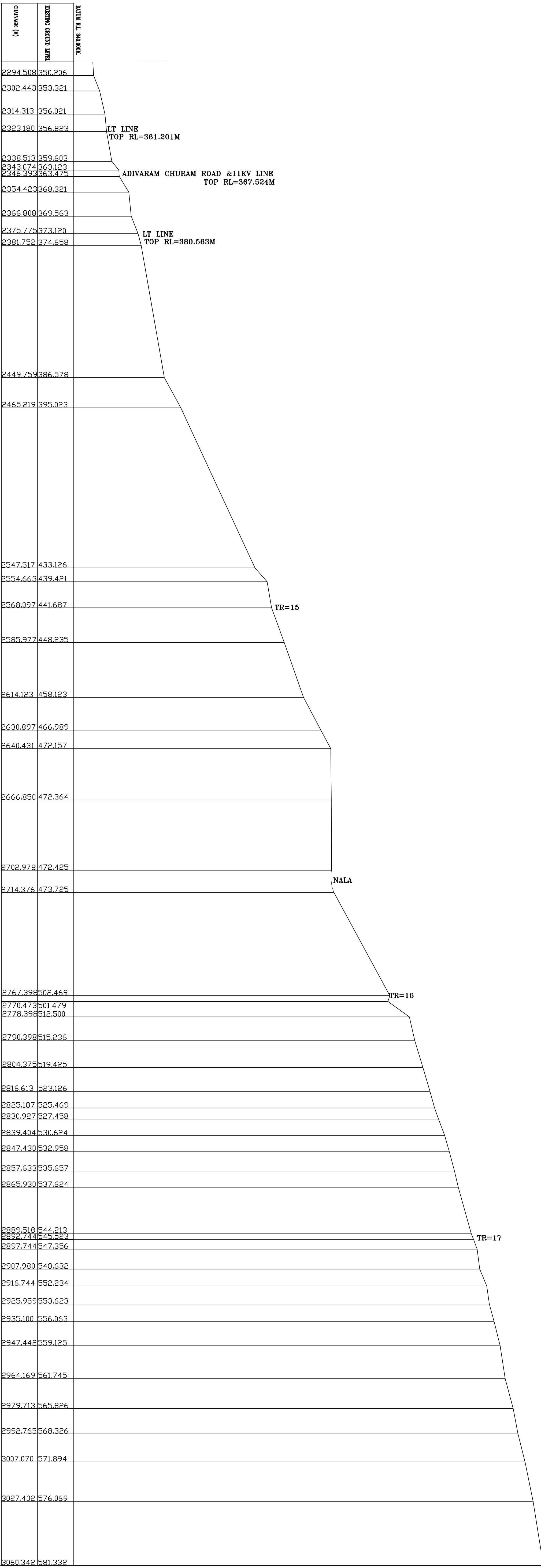
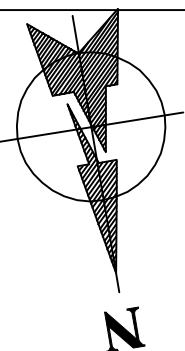
LIST OF CO-ORDINATES OF TRAVERSE STN.

TRAVERSE STATION	NORTHING	EASTING	R.L.
1.	4950.592	4934.464	193.150
2.	4980.564	4928.095	191.785
3.	4993.824	4936.900	190.118
4.	5034.477	4957.524	188.020
5.	8464.787	5488.366	839.488
6.	8470.671	5464.798	837.926
7.	8748.241	5811.770	848.912
8.	8789.189	5622.725	847.880
9.	8673.348	5581.718	855.032
10.	8699.432	5580.648	854.352
11.	8247.700	5544.128	864.145
12.	8252.851	5529.121	865.288

NOTES

- ALL DIMENSIONS ARE IN METRES.
- T.B.M. CARRIED FROM LOWER STATION POINT MARKED AS DWG AS . THE VALUE OF TBM IS 200.000M AS ASSUMED.
- MAGNETIC BEARING OF PROPOSED ALIGNMENT FROM LOWER STATION TO UPPER STATION 9D 07' 08"
- CONTOUR INTERVAL=1M
- GRID INTERVAL=2M.
- PERIOD OF SURVEY AUG,2017

		DAMODAR ROPEWAYS & INFRA LIMITED	
CALCUTTA			
CLIENT :-	WESTERN GHATS DEVELOPMENT LTD., VICTORIA BETTER HOMES, KALPETTA - 673121, KERALA.	PROJECT :-	PASSENGER ROPEWAY BETWEEN ADIVARAM AND LAKKIDI IN KERALA
DRAWN	S.D.AS	TITLE :-	DETAILED SURVEY FOR THE PROPOSED PASSENGER ROPEWAY BETWEEN ADIVARAM AND LAKKIDI IN KERALA CH.706.604M TO 1506.645M
TRACED		CHECKED A	G.D.AS
CHECKED B		CHECKED B	
SHEET SIZE	A-1	DATE	AUG.2017
SCALE	1 : 1000	DRG. NO.	DRIL/WGDL/SUV/217-18/001 (SHEET 2/5)
		REVISION	
			1



LEGEND

S.NO.	SYMBOL	DESCRIPTION
1		TREE
2		COCONUT TREE
3		ELECTRIC POST
4		LIGHT POST
5		TRANSFORMER
6		HUT
7		TUBE WELL
8		TAP CANAL
9		SIT
10		BED
11		GARDEN
12		ROAD
13		CONTOUR
14		TEMPLE
15		BUILDING
16		NALA

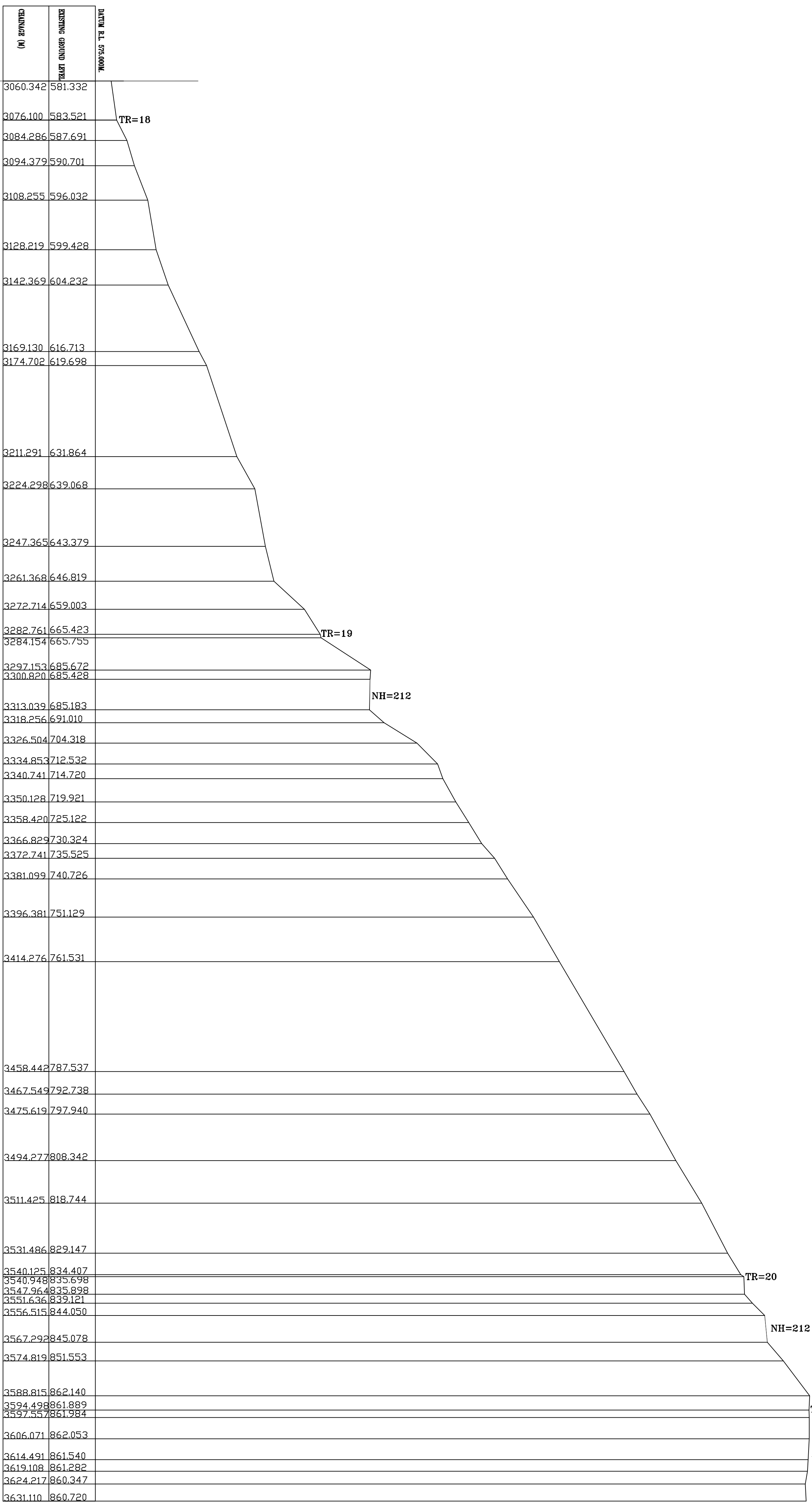
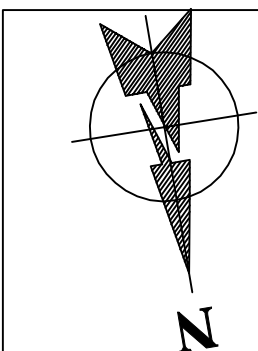
LIST OF CO-ORDINATES OF TRAVERSE STN.

TRAVERSE STATION	NORTHING	EASTING	R.L.
1.	4950.592	4934.464	193.150
2.	4950.564	4928.095	191.785
3.	4993.824	4936.900	190.118
4.	5034.477	4957.524	188.020
5.	5464.787	5488.366	839.488
6.	8470.671	5464.758	837.926
7.	8748.241	5611.770	848.912
8.	8789.189	5622.725	847.880
9.	8673.348	5581.718	855.032
10.	8699.432	5580.648	854.352
11.	8247.700	5544.128	864.145
12.	8252.851	5529.121	865.288

NOTES

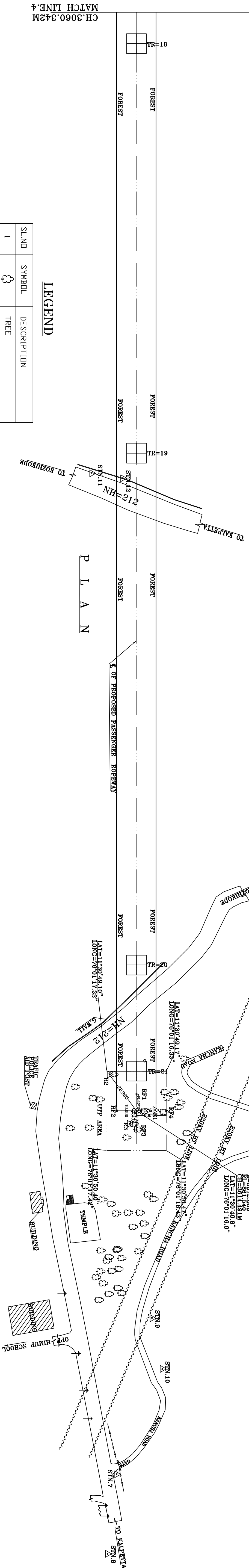
1. ALL DIMENSIONS ARE IN METRES.
2. T.B.M. CARRIED FROM LOWER STATION POINT MARKED AS DWG AS . THE VALUE OF TBM IS 200.000M AS ASSUMED.
3. MAGNETIC BEARING OF PROPOSED ALIGNMENT FROM LOWER STATION TO UPPER STATION 9D 07' 08"
4. CONTOUR INTERVAL=1M
5. GRID INTERVAL=2M.
6. PERIOD OF SURVEY AUG,2017







DAMODAR ROPEWAYS & INFRA LIMITED CALCUTTA			
CLIENT :- WESTERN GHATS DEVELOPMENT LTD., VICTORIA BETTER HOMES, KALPETTA - 673121, KERALA.		PROJECT :- PASSENGER ROPEWAY BETWEEN ADIVARAM AND LAKKIDI IN KERALA	
DRAWN	S.D.AS	TITLE :- DETAIL SURVEY FOR THE PROPOSED PASSENGER ROPEWAY BETWEEN ADIVARAM AND LAKKIDI IN KERALA CH.2287.381M TO 3060.342M	
TRACED			
CHECKED A	G.D.AS		
CHECKED B			
SHEET SIZE	A-1		
DATE	AUG,2017		
SCALE	1 : 1000	DRG. NO. DRI/MGDL/SUV/17-18/001 (SHEET 4/5)	
		REVISION	
		1	














LONGITUDINAL SECTION ALONG THE CENTRE LINE OF PROPOSED PASSENGER ROPEWAY

SCALE $\left\{ \begin{array}{l} H=1000 \\ V=1000 \end{array} \right.$



SL.NO.	SYMBOL	DESCRIPTION
1		TREE
2		COCONUT TREE
3		ELECTRIC POST
4		LIGHT POST
5		TRANSFORMER
6		HUT

LEGEND


6		FOU
7		TUBE WELL
8		TAP CAL
9		SIT
10		BEDI
11		GARDEN
12		ROAD
13		CONTOUR
14		TEMPLE
15		BUILDING
16		MALA

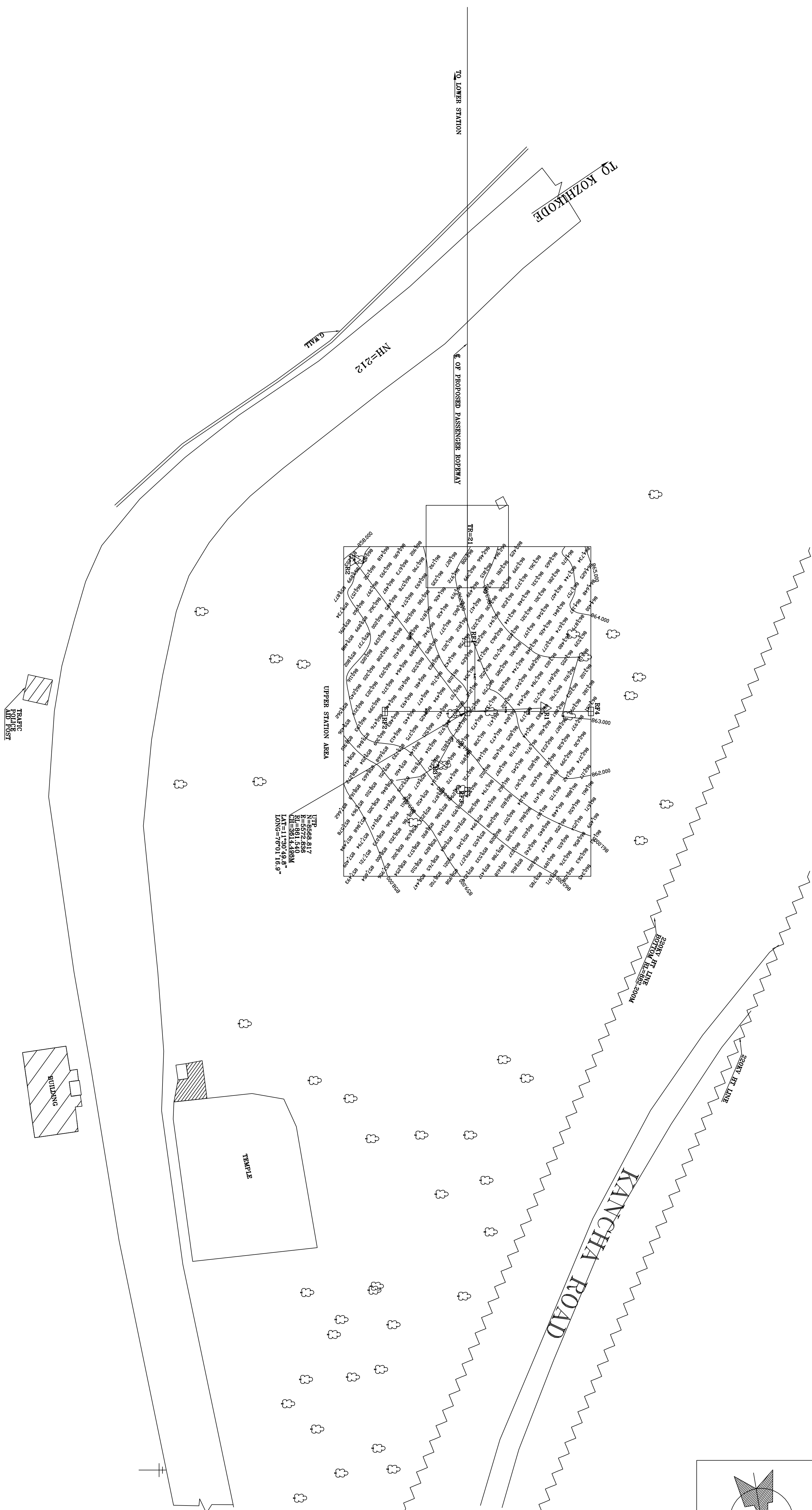
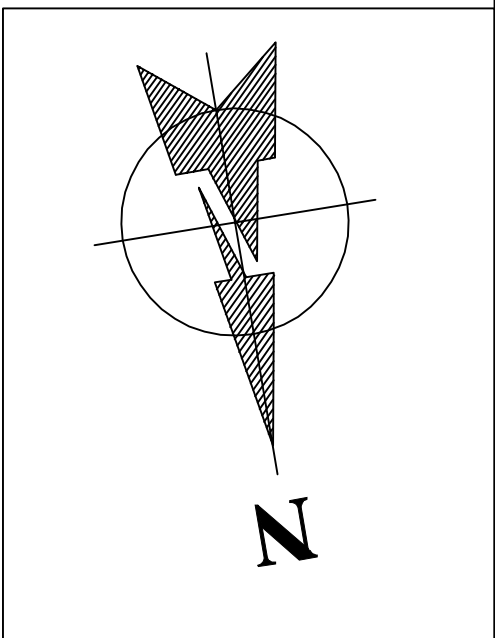
LIST OF CO-ORDINATES OF TRAVERSE STN.

















TRAVERSE STATION	NORTHING	EASTING	R.L.
1.	4950.592	4934.664	193.150
2.	4980.584	4926.095	191.785
3.	4993.824	4936.600	190.118
4.	5034.477	4957.924	188.020
5.	5046.787	4964.356	839.448
6.	5070.671	5048.758	837.926
7.	5178.241	5611.770	848.912
8.	5787.189	5622.725	847.880
9.	5873.348	5581.718	855.032
10.	5899.492	5580.446	854.352
11.	5247.700	5544.128	854.145
12.	5252.651	5529.121	865.268

NOTES

1. ALL DIMENSIONS ARE IN METRES.
2. T.B.M. CARRIED FROM LOWER STATION POINT MARKED AS DWG. AS \odot .THE VALUE OF TBM IS 200.000M AS ASSUMED.
3. MAGNETIC BEARING OF PROPOSED ALIGNMENT FROM LOWER STATION TO UPPER STATION 9D 07° 08"
4. CONTOUR INTERVAL=1M
5. GRID INTERVAL=2M.
6. PERIOD OF SURVEY AUG.,2017

		DAMODAR ROPEWAYS & INFRA LIMITED	
CLIENT :- WESTERN CHATS DEVELOPMENT LTD., VICTORIA BETTER HOMES, KALPETTA - 673121, KERALA.		PROJECT :- PASSENGER ROPEWAY BETWEEN ADVARAM AND LAKKIDI IN KERALA	
DRAWN TRACED CHECKED A CHECKED B SHEET SIZE DATE SCALE	S.D.AS G.D.AS A-1 AUG/2017 1 : 1000	TITLE :- DETAIL SURVEY FOR THE PROPOSED PASSENGER ROPEWAY BETWEEN ADVARAM AND LAKKIDI IN KERALA CH/3060/3425M TO 3651.110M	
DRG. NO. DRL/WMH/LSTV/17-18/001		(SHEET 5/5)	
REVISION		1	



S.L.NO.	SYMBOL	DESCRIPTION
1		TREE
2		COCOONUT TREE
3		ELECTRIC POST
4		LIGHT POST
5		TRANSFORMER
6		HUT
7		TUBE WELL
8		TAP CANAL
9		SIT
10		BED
11		GARDEN
12		ROAD
13		CONTOUR
14		TEMPLE
15		BUILDING
16		NALA


LEGEND

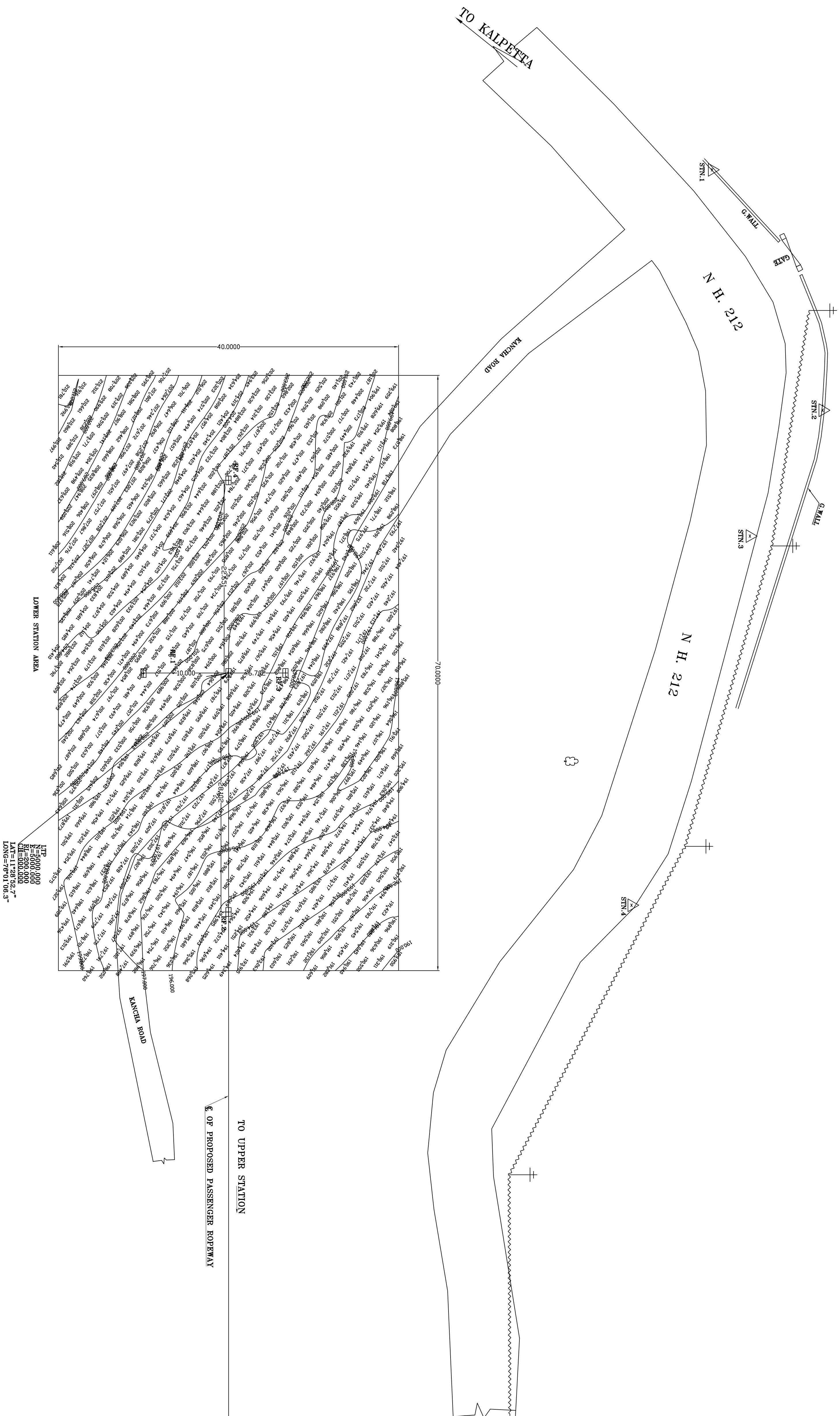
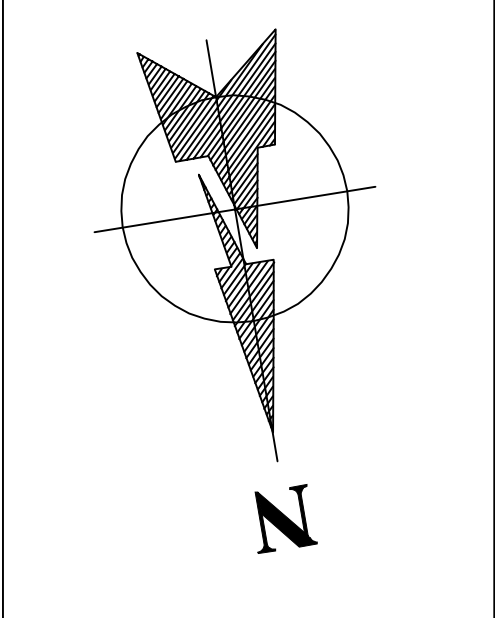
TRANSVERSE STATION	NORTHING	EASTING	R.L.
1.	4980.592	4934.464	193.150
2.	4990.564	4926.095	191.785
3.	4983.824	4936.962	190.118
4.	5034.477	4957.524	188.020
5.	8464.971	5068.366	839.946
6.	8470.697	5046.928	837.928
7.	8748.241	5611.770	848.912
8.	8767.189	5622.725	847.860
9.	8673.348	5581.718	855.032
10.	8699.492	5580.648	854.352
11.	8247.700	5544.126	864.445
12.	8252.651	5529.121	865.288

















LIST OF CO-ORDINATES OF TRAVERSE STN.

NOTES

1. ALL DIMENSIONS ARE IN METERS.
2. T.B.M. CARRIED FROM LOWER STATION POINT MARKED AS DWG AS B .THE VALUE OF TBM IS 200.000M AS ASSUMED.
3. MAGNETIC BEARING OF PROPOSED ALIGNMENT FROM LOWER STATION TO UPPER STATION 9D 07° 08"
4. CONTOUR INTERVAL=1M
5. GRID INTERVAL=2M.
6. PERIOD OF SURVEY AUG.,2017

 DAMODAR ROPEWAYS & INFRA LIMITED									
CALCUTTA									
CLIENT :- WESTERN GATE DEVELOPMENT LTD., MEDORA BETTER HOMES, KALPETTA - 673212, KERALA.					PROJECT :- PASSENGER ROPEWAY BETWEEN ADIVARAM AND LAKKIDI IN KERALA				
DRAWN		S.DAS		TITLE :- SPOT LEVELS FOR UPPER STATION FOR PROPOSED PASSENGER ROPEWAY					
TRACED									
CHECKED A		G.DAS							
CHECKED B									
SHEET SIZE		A-1							
DATE		AUG-2017							
SCALE		1 : 250		DRG. NO. DRL/WGDL/SUV/17-18/003 (SHEET 1/1)					
				REVISION					



S.L.NO.	SYMBOL	DESCRIPTION
1		TREE
2		COCOONUT TREE
3		ELECTRIC POST
4		LIGHT POST
5		TRANSFORMER
6		HUT
7		TUBE WELL
8		TAP CAL
9		SIT
10		BEDI
11		GARDEN
12		ROAD
13		CINTIDUR
14		TEMPLE
15		BUILDING
16		NALA


LEGEND

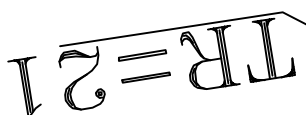
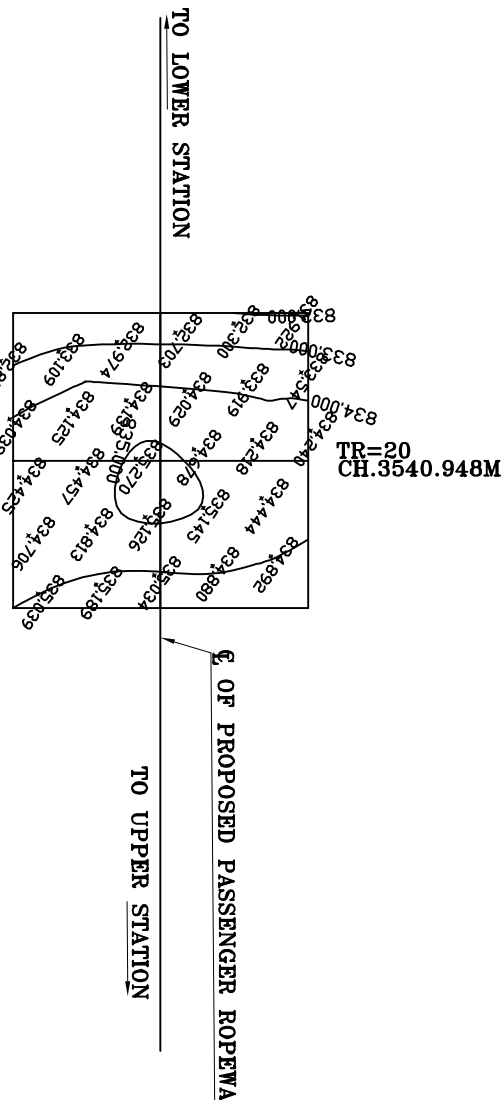
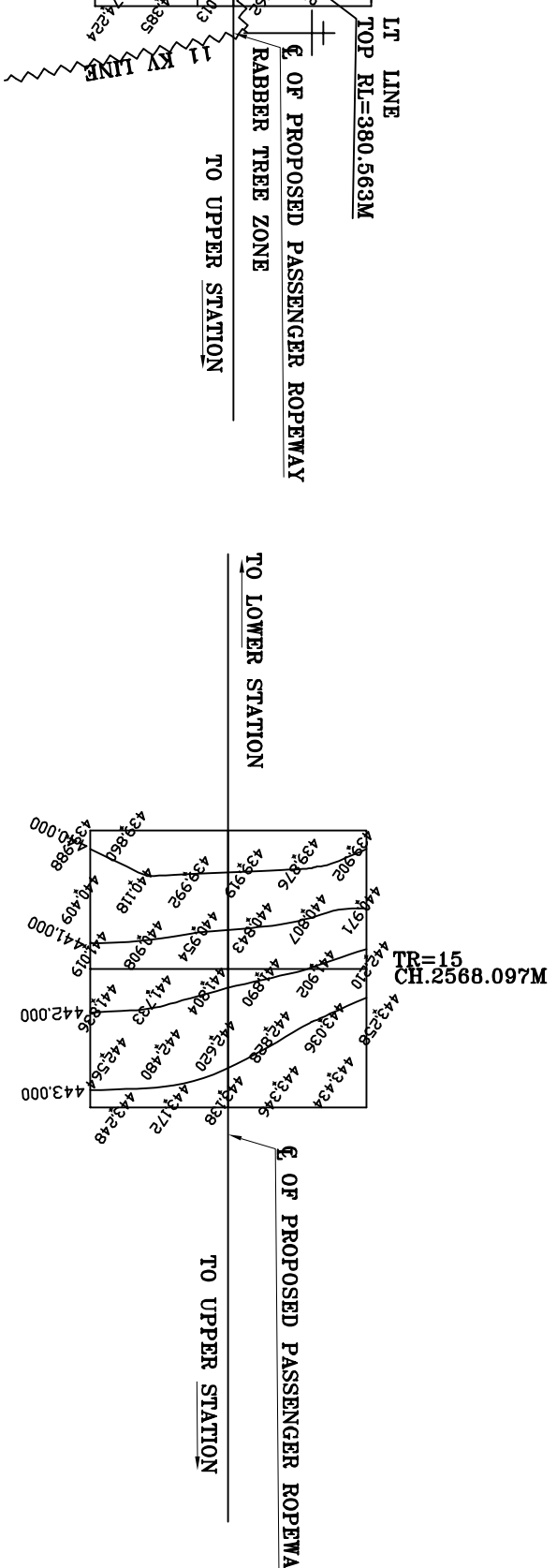
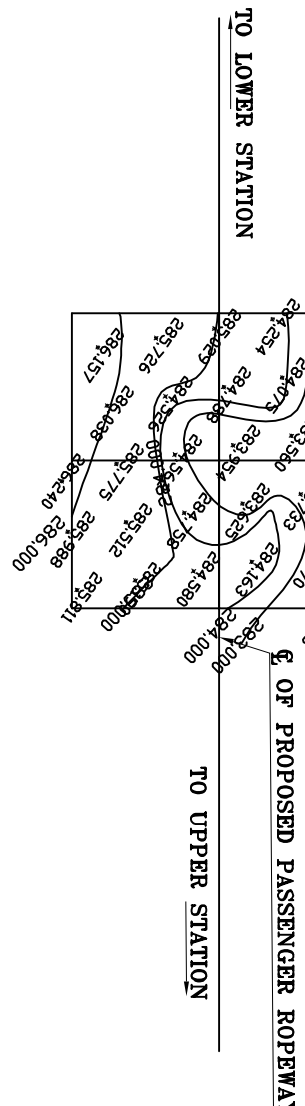
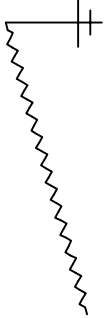
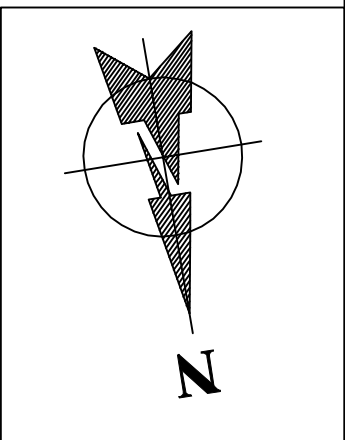
TRANVERSE STATION	NORTHING	EASTING	R. L.
1.	4980.592	4934.464	193.150
2.	4990.564	4926.095	191.785
3.	4983.924	4936.962	190.118
4.	5034.477	4957.524	188.020
5.	8464.971	5068.366	839.946
6.	8470.697	5046.928	837.928
7.	8748.241	5611.770	848.912
8.	8767.189	5622.725	847.260
9.	8673.348	5581.718	855.032
10.	8699.492	5584.628	854.352
11.	8247.700	5544.148	864.445
12.	8252.651	5529.121	865.288

















LIST OF CO-ORDINATES OF TRAVERSE STN.

NOTES

1. ALL DIMENSIONS ARE IN METRES.
2. T.B.M. CARRIED FROM LOWER STATION POINT MARKED AS DWG AS \odot THE VALUE OF TBM IS 200.000M AS ASSUMED.
3. MAGNETIC BEARING OF PROPOSED ALIGNMENT FROM LOWER STATION TO UPPER STATION 9D 07° 08"
4. CONTOUR INTERVAL=1M
5. GRID INTERVAL=2M.
6. PERIOD OF SURVEY AUG.,2017


 DAMODAR ROPEWAYS & INFRA LIMITED CALCUTTA		CLIENT :- VICTORIA GATE, TRIVENDRUM P. LTD., VEDURIA BETTER HOME, KALPETTA - 673121, KERALA		PROJECT :- PASSENGER ROPEWAY BETWEEN ADIVARAM AND LAKKIDI IN KERALA	
DRAWN TRACED CHECKED A CHECKED B SHEET SIZE DATE SCALE	S.D.AS G.D.AS A-1 AUG-2017 1 : 250	TITLE :- SPOT LEVELS FOR LOWER STATION FOR PROPOSED PASSENGER ROPEWAY			
DRG. NO.DRIIL/WGDL/SUV/17-18/002 (SHEET 1/1)		REVISION			




S.L.NO.	SYMBOL	DESCRIPTION
1		TREE
2		COCONUT TREE
3		ELECTRIC POST
4		LIGHT POST
5		TRANSFORMER
6		HUT
7		TUBE WELL
8		TAP CAL
9		SIT
10		BEDI
11		GARDEN
12		READ
13		CONDUIR
14		TEMPLE
15		BUILDING
16		NALA

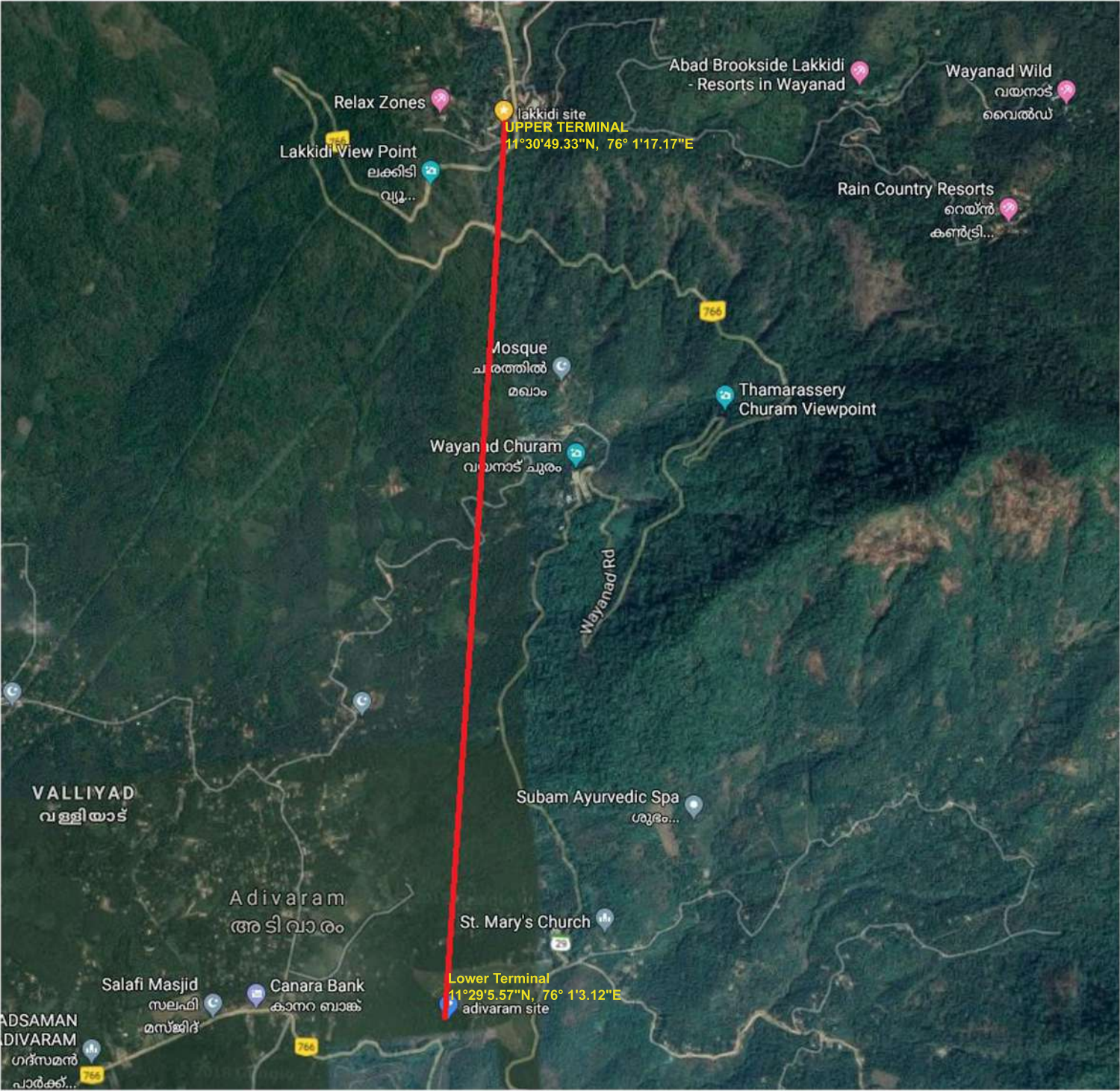
TRANSVERSE STATION	NORTHING	EASTING	R. L.
1.	4950.592	4934.464	193.550
2.	4980.584	4926.095	191.785
3.	4993.824	4936.900	190.118
4.	5034.477	4957.524	188.020
5.	8464.797	5488.356	839.448
6.	8470.671	5464.758	837.026
7.	8748.241	5611.770	848.912
8.	8787.189	5622.725	847.880
9.	8737.346	5581.718	855.032
10.	8699.432	5560.648	854.552
11.	8247.700	5541.420	864.145
12.	8252.651	5529.121	865.286

NOTES

1. ALL DIMENSIONS ARE IN METRES.
2. T.B.M. CARRIED FROM LOWER STATION POINT MARKED AS D.W.C. AS  THE VALUE OF TBM IS 200.00MM AS ASSUMED.
3. MAGNETIC BEARING OF PROPOSED ALIGNMENT FROM LOWER STATION TO UPPER STATION $9D\ 0^{\circ}\ 08''$
4. CONTOUR INTERVAL=1M
5. GRID INTERVAL=2M.
6. PERIOD OF SURVEY AUG.,2017

 DAMODAR ROPEWAYS & INFRA LIMITED CALCUTTA	
CLIENT :- WESTERN GHATS DEVELOPMENT LTD., VICTORIA BETTER HOMES, KALPETTA - 673121, KERALA.	PROJECT :- PASSENGER ROPEWAY BETWEEN ADVARAM AND LAKKIDI IN KERALA
DRAWN TRACED CHECKED A CHECKED B SHEET SIZE DATE SCALE	S.DAS G.DAS A-1 AUG.2017 1 : 250
TITLE :- SPOT LEVELS FOR TRESTLE NO.1 TO TRESTLE NO.21 OF PROPOSED PASSENGER ROPEWAY	
DRG. NO. DRL/WGDL/SUV/17-18/004 (SHEET 1/1)	
REVISION	

SATELLITE MAP



RED LINE INDICATES THE CORRIDOR