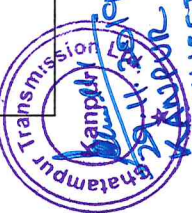


Full Title of The Project: Agra- Greater Noida 765 kV S/C Transmission Line
 File No.: FP/UP/TRANS/41685/2019
 Date of Proposal: 31-08-2019

AREA CALCULATION FOR THE FOREST LAND INVOLVED IN THE PROPOSAL

S. No.	Name of Forest Division	Description of Forest Land	Length (m)	Width (m)	Area (m ²)	Area (ha.)
1	Social Forestry Division Agra	Etah- Barhan Railway Line at Mile No. 9/3.9 near Village Tehu (P.F.)	51.0625	64	3268	0.3268
2		Survey No. 2/1 Nagla Mawai Village (Nagla Mawai Block) (R.F.)	27.000	64	1728	0.1728
Total Forest Area proposed for diversion in Social Forestry Division Agra (A)					4996	0.4996
1	Social Forestry Division Firozabad	SH-31 Crossing near Village Pachokara at Km. 8.986 (P.F.)	18.4531	64	1181	0.1181
2		NH-2 Crossing near Village Hazratpur at Km. 227.720 (P.F.)	41.6250	64	2664	0.2664
3		Reserve Forest Land at Village Shankarpur (R.F.)	96.7188	64	6190	0.6190
4		Delhi- Howrah Railway Line Crossing near Village Latifpur & Hirangaon (P.F.)	20	64	1280	0.1280
Total Forest Area proposed for diversion in Social Forestry Division Firozabad (B)					11315	1.1315


NAINDEET CHADDA

Full Title of The Project: Agra- Greater Noida 765 kV S/C Transmission Line
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1	Social Forestry Division Etah	Sadabad- Jalesar Road in Village Berni (P.F.)	35.0400	64	2243	0.2243
Total Forest Area proposed for diversion in Social Forestry Division Etah (C)						
1	Social Forestry Division Hathras	NH-509 at Km. 178.032 in Village Mahmudbarsai (P.F.)	33.51563	64	2145	0.2145
2		SH-33, Hathras-Hathras Kila railway line & Kasganj-Achnera Railway line at Km. 215.612 in Village Mendu (P.F.)	169.12500	64	10824	1.0824
3		Upper Ganga Canal at Village Jafarabad (P.F.)	43.5000	64	2784	0.2784
4		Upper Ganga Canal at Village Udhaina (P.F.)	20.95313	64	1341	0.1341
Total Forest Area proposed for diversion in Social Forestry Division Hathras (D)						
1	Social Forestry Division Aligarh	SH-80 at Km. 12.150 near Udaipura Village (P.F.)	22.51563	64	1441	0.1441
2		SH-22A at Km. 62.711 near Chaudhana Village (P.F.)	21.23438	64	1359	0.1359



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3	Upper Ganga Canal near Utwara Village (P.F.)	41.62500	64	2664	0.2664
Total Forest Area proposed for diversion in Social Forestry Division Aligarh (E)					
1	Social Forestry Division Bulandshahar	MDR -70W at Km. 15.800 near Village Asafpur (P.F.)	64	1912	0.1912
Total Forest Area proposed for diversion in Social Forestry Division Bulandshahar (F)					
Total Forest Area involved in proposal (A+B+C+D+E+F)* No Forest Land involved in G.B. Nagar				43024	4.3024


 Naveet Chaudhary
 Senior Manager

Date : 29/11/2019

Place : Kanpur

ABSTRACT OF FOREST LAND FALLING IN ALIGNMENT OF AGRA- GREATER NOIDA 765 kV S/C TRANSMISSION LINE

S. No.	Name of District	Area under Reserve Forest (in Ha.)	Area under Protected Forest (in Ha.)	Total Forest Area (in Ha.)
1	Agra	0.1728	0.3268	0.4996
2	Firozabad	0.6190	0.5125	1.1315
3	Etah	NIL	0.2243	0.2243
4	Hathras	NIL	1.7094	17094
5	Aligarh	NIL	0.5464	0.5464
6	Bulandshahar	NIL	0.1912	0.1912
7	Gautam Budh Nagar	NIL	NIL	NIL

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Total Forest Area involved in Proposal (in Ha.)	0.7918	3.5106	4.3024
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Date : 29/11/2019
 Place : Kanpur



AREA CALCULATION FOR THE NON FOREST LAND INVOLVED IN THE PROPOSAL

S. No.	Name of Forest Division/District	Village Name	Non-Forest Length (M)	ROW Width (M)	Non-Forest Area (M ²)	Non-Forest Area (Ha.)
1	Agra	Nagla Hazi	720.00000	64	46080	4.60800
2		Swara	3216.00000	64	205824	20.58240
3		Tiwaha	1116.00000	64	71424	7.14240
4		Mahra chaudhari	1714.00000	64	109696	10.96960
5		Paroli Sikarwar	3324.40000	64	212761	21.2761
6		Aie	700.00000	64	44800	4.48000
7		Nagla Mawai	637.44000	64	40796	4.07966
8		Murawal	2204.00000	64	141056	14.1056
9		Tehu	1680.93750	64	10758	10.7580
10		Aharan	856.00000	64	54784	5.47840
11		Sihorgarh	1207.62800	64	77288	7.7288
12		Khirkana	1177.00000	64	75328	7.53280

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13	Nagla Mahasingh	841.00000	64	53824	5.38240
14	Tamachgarh	2124.00000	64	135936	13.59360
15	Nagla Swarup	2188.00000	64	140032	14.00320
Total Non Forest Land in Agra District (A)					151.7209
1	Kurrikupa	1584.00000	64	101376	10.1376
2	Laturra	1060.00000	64	67840	6.784
3	Shankarpur	1331.28125	64	85202	8.5202
4	Usmanpur	1850.40000	64	118425	11.8425
5	Hazratpur	1770.37500	64	113304	11.3304
6	Dhirpura	1716.00000	64	109824	10.9824
7	Deokhera	1536.00000	64	98304	9.8304
8	Kheriya Jarkhi	1208.00000	64	77312	7.7312
9	Latifpur	1424.00000	64	91136	9.1136
10	Trilokpur	1866.36000	64	119447	11.9447
11	Garhijafar	1420.00000	64	90880	9.088
12	Nagla Bari Sani	540.00000	64	34560.	3.456
13	Kutubpur Jarkhi	180.00000	64	11520	1.152
14	Jarkhi	1444.00000	64	92416	9.2416

Firozabad



ANUPUR CHADDA

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15	Anandpur	1644.00000	64	105216	10.5216
16	Garhibhopal	1268.00000	64	81152	8.1152
17	Marsena	1408.00000	64	90112	9.0112
18	Pachokara	3290.74688	64	210600	21.06
Total Non Forest Land in Firozabad District (B)					169.8626
1	Kunjarpur	653.00000	64	41792	4.1792
2	Berni	35.0469	64	87146.496	8.7146
3	Lorucha Naharpur	595.00000	64	38080	3.808
4	Uchagaon	2963.60000	64	189670	18.967
5	Mukutpur	1107.00000	64	70848	7.0848
6	Vichpuri	1304.00000	64	83456	8.3456
7	Sarai Neem	288.00000	64	18432	1.8432
Total Non Forest Land in Etah District (C)					52.9424
1	Mahmudbarsai	2261.68438	64	144748	14.4748
2	Ladhauta	1914.00000	64	122496	12.2496
3	Lauharra	2040.00000	64	130560	13.056
4	Jagipur	838.00000	64	53632	5.3632
5	Khorna	552.00000	64	35328	3.5328

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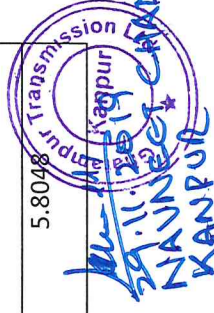
CHADDA

Full Title of The Project: Agra- Greater Noida 765 kV S/C Transmission Line

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6	Aundua	997.78000	64	63858	6.3858
7	Dinawali	1648.00000	64	105472	10.5472
8	Akhaipur	988.00000	64	63232	6.3232
9	Shahpur Khurd	1162.00000	64	74368	7.4368
10	Jasrana	724.00000	64	46336	4.6336
11	Sathiya	2096.00000	64	134144	13.4144
12	Mendu	2354.87500	64	150712	15.0712
13	Jalalpur	2668.00000	64	170752	17.0752
14	Vidhipur	1440.00000	64	92160	9.216
15	Ladpur	1260.00000	64	80640	8.064
16	Jafrabad	1067.00000	64	65504	6.5504
17	Lakhnu	1414.50000	64	93312	9.3312
18	Purakalan	2300.00000	64	147200	14.72
19	Ehan	1434.00000	64	91776	9.1776
20	Anuruddhpur	960.00000	64	61440	6.144
21	Purakhurd	1714.68000	64	109739.52000	10.974
22	Salahpur Chandawara	1702.00000	64	108928	10.8928
23	Jarripura	907.00000	64	58048	5.8048



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24	Udhaina	967.04688	64	61891	6.1891
25	Dohai	2162.00000	64	138368	13.8368
Total Non Forest Land in Hathras District (D)					240.4645
1	Mahua	1834.80000	64	117427	11.7427
2	Haibatpur	1316.00000	64	84224	8.4224
3	Bichaula	1472.00000	64	94208	9.4208
4	Udaipura	585.48438	64	37471	3.7471
5	Rustampur Khojan	488.80000	64	31283	3.1283
6	Pareel	1504.00000	64	96256	9.6256
7	Rampur	560.00000	64	35840	3.584
8	Majupur Subkara	652.00000	64	41728	4.1728
9	Barauth	173.60000	64	11110	1.111
10	Badwamni	1424.00000	64	91136	9.1136
11	Pinjarinagari	472.00000	64	30208	3.0208
12	Mandla	1282.00000	64	82048	8.2048
13	Balbhadrapur	1442.00000	64	92288	9.2288
14	Kiratpur Nimana	864.00000	64	55296	5.5296
15	Mandola	608.00000	64	38912	3.8912

Aligarh

31/08/2019
NAINGET CHADDA
KANPUR

Full Title of The Project: Agra- Greater Noida 765 kV S/C Transmission Line

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16		Bithana	2180.00000	64	139520	13.952
17		Loharanagla	1196.00000	64	76544	7.6544
18		Badaun	1720.00000	64	110080	11.008
19		Khijarpura	652.00000	64	41728	4.1728
20		Bahmati	484.00000	64	30976	3.0976
21		Chaudhana	2646.76563	64	169393	16.9393
22		Tehra	1290.00000	64	82560.	8.256
23		Jarara	1914.40000	64	122522	12.2522
24		Arana	212.00000	64	13568	1.3568
25		Tarora	1528.80000	64	97843	9.7843
26		Bamoti	2986.00000	64	191104	19.1104
27		Ainchana	1432.80000	64	91699.	9.1699
28		Utwara	1297.37500	64	83032	8.3032
29		Medha Habeebpur	1948.00000	64	124672	12.4672
30		Mahgaura	4340.00000	64	277760	27.776
31		Gangai	2784.00000	64	178176	17.8176
32		Pisawa	3605.20000	64	230733	23.0733
33		Jamanka	1212.00000	64	77568	7.7568

Full Title of The Project: Agra- Greater Noida 765 kV S/C Transmission Line

File No.: FP/UP/TRANS/41685/2019

Date of Proposal: 31-08-2019

Date of Report: 01-08-2023						
34		Raupur	1152.00000	64	73728	7.3728
35		Umari	2640.84000	64	169013	16.9013
36		Bisara	1552.40000	64	99354	9.9354
Total Non Forest Land in Aligarh District (E)				3421008	342.1008	
1	Bulandshahar	Aasafpur	1172.68800	64	73140	7.314
2		Siryal	1597.20000	64	102220	10.222
3		Gothni	3146.40000	64	201370	20.137
4		Bhunnajatan	932.00000	64	59648	5.9648
Total Non Forest Land in Bulandshahar District (F)				436378	43.6378	
1	GautamBudh Nagar	Jahangirpur	1508.768	64	96562.00	9.6562
2		Aalampur Hathla	663.1620	64	42452.00	4.2452
Total Non Forest Land in Gautam Budh Nagar District (G)				139057.200	13.9014	
Total Non Forest Land involved in Project (A+B+C+D+E+F+G)					10146304.00	1014.6304



Date :29/11/2019
Place : Kanpur



Full Title of The Project: Agra- Greater Noida 765 kV S/C Transmission Line

File No.: FP/UP/TRANS/41685/2019

Date of Proposal: 31-08-2019

ABSTRACT OF NON FOREST LAND FALLING IN ALIGNMENT OF AGRA- GREATER NOIDA 765 kV S/C TRANSMISSION LINE

S. No.	Name of District	Total Non-Forest Area (in Ha.)
1	Agra	151.7209
2	Firozabad	169.8626
3	Etah	52.9424
4	Hathras	240.4645
5	Aligarh	342.1008
6	Bulandshahar	43.6378
7	Gautam Budh Nagar	13.9014
Total Non-Forest Land involved in Project		1014.6304

Date : 29/11/2019
Place : Kanpur


Navneet Chadda
Senior Manager

Full Title of The Project: Agra- Greater Noida 765 kV S/C Transmission Line
 File No.: FP/UP/TRANS/41685/2019
 Date of Proposal: 31-08-2019

ABSTRACT OF TOTAL LAND FALLING IN ALIGNMENT OF AGRA- GREATER NOIDA 765 kV S/C TRANSMISSION LINE

S. No.	Name of District	Area under Reserve Forest (in Ha.)	Area under Protected Forest (in Ha.)	Total Forest Area (in Ha.)	Total Non-Forest Area (in Ha.)	Total Area Involved in Project
1	Agra	0.1728	0.3268	0.4996	151.7209	152.2205
2	Firozabad	0.6190	0.5125	1.0035	169.8626	170.9941
3	Etah	NIL	0.2243	0.2243	52.9424	53.1667
4	Hathras	NIL	1.7094	1.7094	240.4645	242.1739
5	Aligarh	NIL	0.5464	0.5464	342.1008	342.6472
6	Bulandshahar	NIL	0.1912	0.1912	43.6378	43.829
7	Gautam Budh Nagar	NIL	NIL	NIL	13.9014	13.9014
Total Area involved		0.7918	3.5106	4.3024	1014.6304	1018.9328

Date : 29/11/2019
 Place : Kanpur


 Navneet Chadda
 Senior Manager

NON-FOREST CALCULATION JAHANGIRPUR GANTRY TO AP4

Area: Length x Width
Area: $472.13 \times 64 = 30216.32$
Hectares = 3.021632

$p = 26.29 + 69.36 + 64/2 = 79.825$
Area = $\sqrt{(79.825 \times 53.535 \times 10.465 \times 15.825)} = 841.2592312$
Hectares = 0.084125923

$p = 26.74 + 64 + 69.36/2 = 80.05$
Area = $\sqrt{(80.05 \times 53.31 \times 16.05 \times 10.69)} = 855.6799983$
Hectares = 0.08556799983

Area: Length x Width
Area: $2190.4 \times 64 = 140185.6$
Hectares = 14.01856

$p = 66.17 + 16.79 + 64/2 = 73.48$
Area = $\sqrt{(73.48 \times 7.31 \times 56.69 \times 9.48)} = 537.2799814$
Hectares = 0.05372799814

$p = 66.17 + 16.79 + 64/2 = 73.48$
Area = $\sqrt{(73.48 \times 7.31 \times 56.69 \times 9.48)} = 537.2799814$
Hectares = 0.05372799814

Area: Length x Width
Area: $1742.23 \times 64 = 111502.72$
Hectares = 11.150272
 $11.150272 - 0.1912 = 10.959072$ Hectares
Non forest-Forest=Non Forest

$p = 66.44 + 17.85 + 64/2 = 74.145$
Area = $\sqrt{(74.145 \times 7.705 \times 56.295 \times 10.145)} = 571.1999933$
Hectares = 0.057119999

Ghatampur Transmission
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NON-FOREST CALCULATION AP4 TO AP5

Ap-4

$p = 66.44 + 17.85 + 64/2 = 74.145$
 $\text{Area} = \sqrt{(74.145 * 7.705 * 56.295 * 10.145)} = 571.1999933$
Hectares = 0.057119999

4495.74

Area: Length x Width
Hectares = 28.772736
Area: 4495.74 x 64 = 287727.36

Ap-5

$p = 22.67 + 67.9 + 64/2 = 77.285$
 $\text{Area} = \sqrt{(77.285 * 54.615 * 9.385 * 13.285)} = 725.43999$
Hectares = 0.072543999



NON-FOREST CALCULATION AP5 AP9

$p = 22.67 + 67.9 + 64/2 = 77.285$
 $\text{Area} = \sqrt{(77.285 \times 54.615 \times 9.385 \times 13.285)} = 725.43999$
 $\text{Hectares} = 0.072543999$

$\text{Area: Length} \times \text{Width}$
 $\text{Area: } 159.09 \times 64 = 10181.76$
 $\text{Hectares} = 1.018176$

$p = 64.24 + 64 + 5.55/2 = 66.895$
 $\text{Area} = \sqrt{(66.895 \times 2.655 \times 2.895 \times 61.345)} = 177.5999999$
 $\text{Hectares} = 0.01775999999$

$p = 64.24 + 64 + 5.55/2 = 66.895$
 $\text{Area} = \sqrt{(66.895 \times 2.655 \times 2.895 \times 61.345)} = 177.5999999$
 $\text{Hectares} = 0.01775999999$

$\text{Area: Length} \times \text{Width}$
 $\text{Area: } 1504.67 \times 64 = 96298.88$
 $\text{Hectares} = 96298.88$

$p = 13.79 + 64 + 64.47/2 = 71.13$
 $\text{Area} = \sqrt{(71.13 \times 57.34 \times 7.13 \times 6.66)} = 440.0855695$
 $\text{Hectares} = 0.04400855695$

$p = 13.79 + 64 + 64.47/2 = 71.13$
 $\text{Area} = \sqrt{(71.13 \times 57.34 \times 7.13 \times 6.66)} = 440.0855695$
 $\text{Hectares} = 0.04400855695$

$\text{Area: Length} \times \text{Width}$
 $\text{Area: } 229.43 \times 64 = 14683.52$
 $\text{Hectares} = 1.468352$

$\text{Area: Length} \times \text{Width}$
 $\text{Area: } 211.81 \times 64 = 13555.84$
 $\text{Hectares} = 1.355584$

$p = 29.9 + 64 + 70.64/2 = 82.27$
 $\text{Area} = \sqrt{(82.27 \times 52.37 \times 18.27 \times 11.63)} = 956.8$
 $\text{Hectares} = 0.09568$

$p = 29.9 + 64 + 70.64/2 = 82.27$
 $\text{Area} = \sqrt{(82.27 \times 52.37 \times 18.27 \times 11.63)} = 956.8$
 $\text{Hectares} = 0.09568$

$\text{Area: Length} \times \text{Width}$
 $\text{Area: } 176.96 \times 64 = 11325.44$
 $\text{Hectares} = 1.132544$

$p = 25.24 + 64 + 68.8/2 = 79.02$
 $\text{Area} = \sqrt{(79.02 \times 53.78 \times 15.02 \times 10.22)} = 807.6799943$
 $\text{Hectares} = 0.08076799943$

$p = 25.24 + 64 + 68.8/2 = 79.02$
 $\text{Area} = \sqrt{(79.02 \times 53.78 \times 15.02 \times 10.22)} = 807.6799943$
 $\text{Hectares} = 0.08076799943$

$p = 16.86 + 64 + 66.18/2 = 73.52$
 $\text{Area} = \sqrt{(73.52 \times 56.66 \times 9.52 \times 7.34)} = 539.5199874$
 $\text{Hectares} = 0.05395199874$

$p = 16.86 + 64 + 66.18/2 = 73.52$
 $\text{Area} = \sqrt{(73.52 \times 56.66 \times 9.52 \times 7.34)} = 539.5199874$
 $\text{Hectares} = 0.05395199874$

$\text{Area: } 1249.24 \times 64 = 79951.36$
 $\text{Area: Length} \times \text{Width}$
 $\text{Hectares} = 7.995136$

$p = 6.66 + 64.35 + 64/2 = 67.505$
 $\text{Area} = \sqrt{(67.505 \times 60.845 \times 3.155 \times 3.505)} = 213.1199529$
 $\text{Hectares} = 0.0213.1199529$


NAVNEET CHADDA
KANPUR

NON-FOREST CALCULATION AP9 AP10

Ap-9
 $p = 6.66 + 64.35 + 64/2 = 67.505$
Area = $\sqrt{(67.505 \times 60.845 \times 3.155 \times 3.505)} = 213.1199529$
Hectares = 0.0213.1199529

Area: Length x Width
Area: $4739.18 \times 64 = 303307.52$
Hectares = 30.330752

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Ap-10
 $p = 64.63 + 64 + 8.97/2 = 68.8$
Area = $\sqrt{(68.8 \times 4.17 \times 4.8 \times 59.83)} = 287.0399639$
Hectares = 0.02870399639

NON-FOREST CALCULATION AP10 TO AP14

Ap-10
 $p = 54.63 + 54 + 8.97/2 = 68.8$
 $\text{Area} = \sqrt{(68.8 \times 4.17 \times 4.8 \times 59.83)} = 287.0399639$
 $\text{Hectares} = 0.02870399639$

Area: Length x Width
 $\text{Area} = 4392.19 \times 64 = 281100.16$
 $\text{Hectares} = 28.110016$

$p = 36.65 + 73.75 + 64/2 = 87.2$
 $\text{Area} = \sqrt{(87.2 \times 50.55 \times 13.45 \times 23.2)} = 1172.8$
 $\text{Hectares} = 0.1172.8$

$p = 36.65 + 73.75 + 64/2 = 87.2$
 $\text{Area} = \sqrt{(87.2 \times 50.55 \times 13.45 \times 23.2)} = 1172.8$
 $\text{Hectares} = 0.1172.8$

Area: Length x Width
 $\text{Area} = 128.99 \times 64 = 8255.36$
 $\text{Hectares} = 0.825536$

$p = 32.44 + 71.75 + 64/2 = 84.095$
 $\text{Area} = \sqrt{(84.095 \times 51.655 \times 12.345 \times 20.095)} = 1038.079997$
 $\text{Hectares} = 0.103807999$

$p = 64 + 32.22 + 71.75/2 = 83.985$
 $\text{Area} = \sqrt{(83.985 \times 19.985 \times 51.765 \times 12.235)} = 1031.034115$
 $\text{Hectares} = 0.1031034115$

Area: Length x Width
 $\text{Area} = 1297.29 \times 64 = 83026.56$
 $\text{Hectares} = 8.302656$

Area: $231.5 \times 64 = 14816$
 $\text{Area: Length} \times \text{Width}$
 $\text{Hectares} = 1.4816$
 $p = 68.27 + 23.77 + 64/2 = 78.02$
 $\text{Area} = \sqrt{(78.02 \times 9.75 \times 54.25 \times 14.02)} = 760.639998$
 $\text{Hectares} = 0.0760639998$

$p = 34.07 + 72.04 + 64/2 = 85.055$
 $\text{Area} = \sqrt{(85.055 \times 50.985 \times 13.015 \times 21.055)} = 1090.11131$
 $\text{Hectares} = 0.109011131$
 $p = 72.04 + 33.07 + 64/2 = 84.555$
 $\text{Area} = \sqrt{(84.555 \times 12.515 \times 51.485 \times 20.555)} = 1058.239999$
 $\text{Hectares} = 0.1058239999$

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NON-FOREST CALCULATION AP14 TO AP17

Ap-14
 $p = 68.27 + 23.77 + 64/2 = 78.02$
 $\text{Area} = \sqrt{(78.02 \times 9.75 \times 54.25 \times 14.02)} = 760.639998$
 $\text{Hectares} = 0.760639998$

Area: Length x Width
 $\text{Area} = 3215.25 \times 64 = 205776$
 $\text{Hectares} = 20.5776$

$p = 64.28 + 6 + 64/2 = 67.14$
 $\text{Area} = \sqrt{(67.14 \times 2.86 \times 61.14 \times 3.14)} = 191.9999989$
 $\text{Hectares} = 0.1919999989$

$p = 64.28 + 6 + 64/2 = 67.14$
 $\text{Area} = \sqrt{(67.14 \times 2.86 \times 61.14 \times 3.14)} = 191.9999989$
 $\text{Hectares} = 0.1919999989$

$p = 66.71 + 18.83 + 64/2 = 74.77$
 $\text{Area} = \sqrt{(74.77 \times 8.06 \times 55.94 \times 10.77)} = 602.5599938$
 $\text{Hectares} = 0.06025599938$

Area: Length x Width
 $\text{Area} = 199.59 \times 64 = 12773.76$
 $\text{Hectares} = 1.277376$

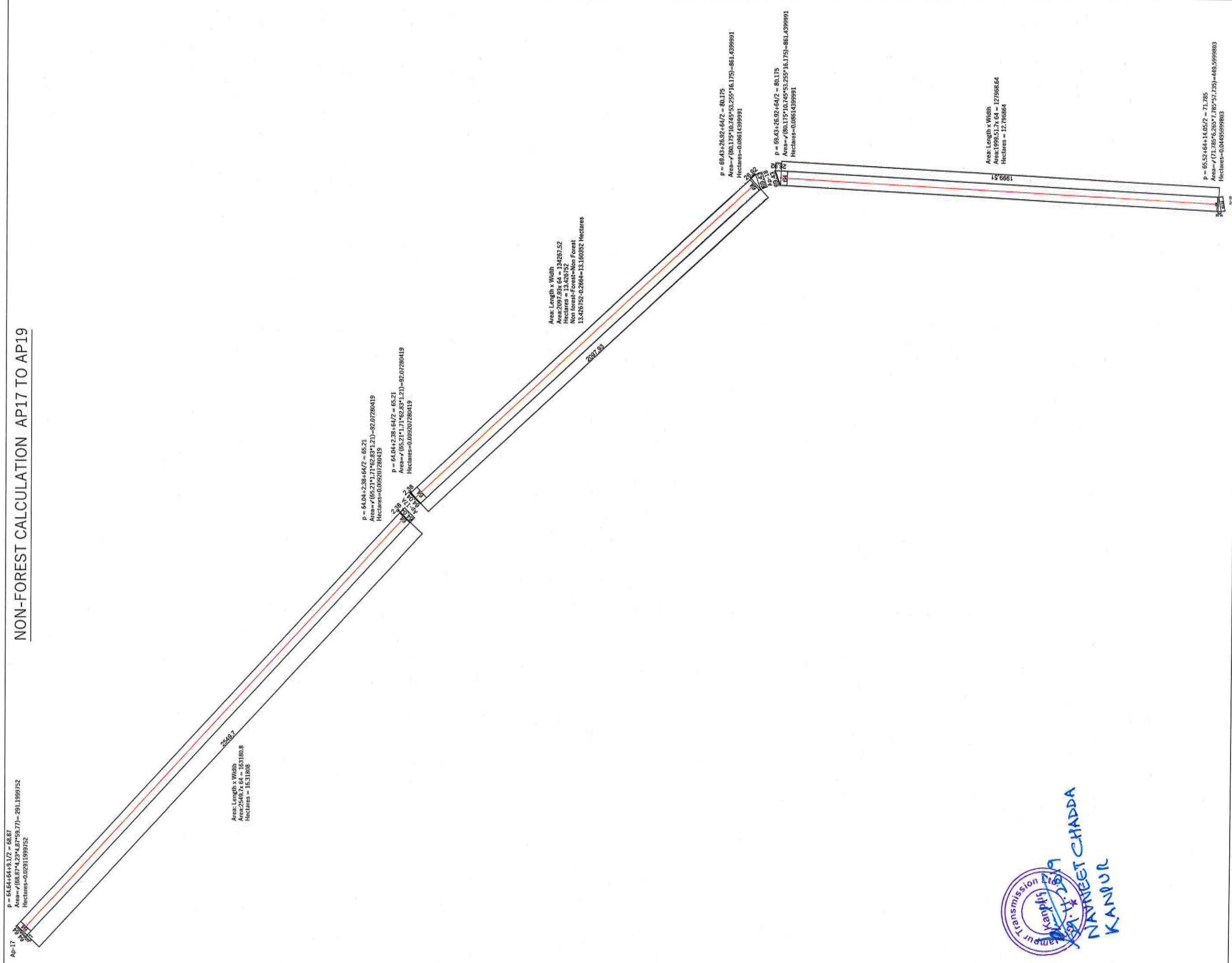
$p = 66.71 + 18.83 + 64/2 = 74.77$
 $\text{Area} = \sqrt{(74.77 \times 8.06 \times 55.94 \times 10.77)} = 602.5599938$
 $\text{Hectares} = 0.06025599938$

Area: Length x Width
 $\text{Area} = 2208.04 \times 64 = 141314.56$
 $\text{Hectares} = 14.131456$

$p = 64.64 + 64 + 9.1/2 = 68.87$
 $\text{Area} = \sqrt{(68.87 \times 4.23 \times 4.87 \times 59.77)} = 291.1999752$
 $\text{Hectares} = 0.02911999752$

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NON-Forest CALCULATION AP17 TO AP19



NON-FOREST CALCULATION AP19/0 TO AP23/0

Ap-19 $p = 65.52 + 64 + 14.05/2 = 71.785$

$$\text{Area} = \sqrt{(71.785 \times 6.265 \times 7.785 \times 57.735)} = 49.5999803$$

Hectares=0.04495999803

Area: $1191.09 \times 64 = 76229.76$

Area: Length x Width

Hectares = 7.622976

$$p = 65.47 + 13.79 + 64/2 = 71.63$$
$$\text{Area} = \sqrt{(71.63 \times 6.61 \times 57.84 \times 7.63)} = 457.1140988$$

Hectares=0.04571140988

$$-p = 65.47 + 13.79 + 64/2 = 71.63$$
$$\text{Area} = \sqrt{(71.63^2 \cdot 6.61^2 \cdot 57.84^2 \cdot 7.63^2)} = 457.1140988$$

Hectares=0.04571140988

Hectares = 1.440768

Area: $225.12 \times 64 = 14407.68$

Hectares = 1.440768

$$-p = 64 + 64 + 0.06/2 = 64.03$$
$$\text{Area} = \sqrt{64.03 \times 0.03 \times 0.03 \times 63.97} = 1.919999789$$

Hectares=0.0001919999789

Area: Length x Width

Area: $206.4 \times 64 = 13209.6$

Hectares = 1.32096

$$-p = 64 + 64 + 0.06/2 = 64.03$$
$$\text{Area} = \sqrt{(64.03 \times 0.03 \times 0.03 \times 63.97)} = 1.9199999789$$

Hectares=0.00019199999789

$$-p = 64 + 64.01 + 1.35/2 = 64.68$$
$$\text{Area} = \sqrt{(64.68 \times 0.68 \times 0.67 \times 63.33)} = 43.19978718$$

Hectares=0.004319978718

$$\mu_p = 64 + 64.01 + 1.35/2 = 64.68$$
$$\text{Area} = \sqrt{(64.68 \times 0.68 \times 0.67 \times 63.33)} = 43.19978718$$

Hectares=0.004319978718

Area: Length x Width

Area: $1458.66 \times 64 = 93354.24$

Non forest-Forest=Non Forest

Hectares = 9.335424

$$9.335424 - 0.1359 = 9.199524 \text{ Hectares}$$
$$p = 71.51 + 64 + 31.9/2 = 83.705$$
$$\text{Area} = \sqrt{(83.705 \times 12.195 \times 19.705 \times 51.805)} = 1020.8$$

Hectares=0.1020.8



NON-FOREST CALCULATION AP23/0 TO AP24/0

Ap-23
 $p = 71.51 + 64 + 31.9/2 = 83.705$
Area = $\sqrt{(83.705 \times 12.195 \times 19.705 \times 51.805)} = 1020.8$
Hectares = 0.1020.8

Area: Length x Width
Area: $4620 \times 64 = 295680$
Hectares = 29.5680



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Ap-24
 $p = 64 + 64.94 + 11.04/2 = 69.99$
Area = $\sqrt{(69.99 \times 5.99 \times 5.05 \times 58.95)} = 353.2799593$
Hectares = 0.03532799593

NON-FOREST CALCULATION AP24/0 TO AP25/0

$p = 64 + 64.94 + 11.04/2 = 69.99$
 $\text{Area} = \sqrt{(69.99 \times 5.99 \times 5.05 \times 58.95)} = 353.2799593$
Hectares = 0.03532799593

Ap-24

64.94

11.04

64

Area: Length x Width
Area: $4811.64 \times 64 = 307944.96$
Hectares = 30.794496

4811.64



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$p = 64 + 65.15 + 12.21/2 = 70.68$

$\text{Area} = \sqrt{(70.68 \times 6.68 \times 5.53 \times 58.47)} = 390.7199748$
Hectares = 0.03907199748

12.21

Ap-25

NON-FOREST CALCULATION AP25/0 TO AP26/0

$$p = 64 + 65.15 + 12.21/2 = 70.68$$

$$\text{Area} = \sqrt{(70.68 * 6.68 * 5.53 * 58.47)} = 390.7199748$$

$$\text{Hectares} = 0.03907199748$$

Ap-25

65.15
64

Area: Length x Width
Area: 4813.79 x 64 = 308082.56
Hectares = 30.808256

4813.79



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65.16
64
Ap-26

$$p = 64 + 65.16 + 12.23/2 = 70.695$$
$$\text{Area} = \sqrt{(70.695 * 6.695 * 5.535 * 58.465)} = 391.3599949$$
$$\text{Hectares} = 0.03913599949$$

NON-FOREST CALCULATION AP26/0 TO AP28/0

Ap-26
 $p = 64 + 65.16 + 12.23 / 2 = 70.695$
 $\text{Area} = \sqrt{(70.695 * 6.695 * 5.535 * 58.465)} = 391.3599949$
 $\text{Hectares} = 0.03913599949$

Area: Length x Width
 $\text{Area} = 2676.09 \times 64 = 171269.76$
 $\text{Hectares} = 17.126976$

$p = 64 + 64.7 + 9.46 / 2 = 69.08$
 $\text{Area} = \sqrt{(69.08 * 5.08 * 4.38 * 59.62)} = 302.719963$
 $\text{Hectares} = 0.0302719963$

$p = 64 + 64.7 + 9.46 / 2 = 69.08$
 $\text{Area} = \sqrt{(69.08 * 5.08 * 4.38 * 59.62)} = 302.719963$
 $\text{Hectares} = 0.0302719963$

$p = 64 + 65.36 + 13.28 / 2 = 71.32$
 $\text{Area} = \sqrt{(71.32 * 7.32 * 5.96 * 58.04)} = 424.9599865$
 $\text{Hectares} = 0.04249599865$

Area: Length x Width
 $\text{Area} = 659.4 \times 64 = 4220.16$
 $\text{Hectares} = 4.22016$

$p = 64 + 65.36 + 13.28 / 2 = 71.32$
 $\text{Area} = \sqrt{(71.32 * 7.32 * 5.96 * 58.04)} = 424.9599865$
 $\text{Hectares} = 0.04249599865$

$p = 64 + 23.64 + 68.23 / 2 = 77.935$
 $\text{Area} = \sqrt{(73.935 * 13.935 * 54.295 * 9.705)} = 736.8111914$
 $\text{Hectares} = 0.07368111914$

Area: Length x Width
 $\text{Area} = 356.1 \times 64 = 22790.4$
 $\text{Hectares} = 2.27904$
 $\text{Non forest-Forest} = \text{Non Forest}$
 $2.27904 - 0.1441 = 2.13494 \text{ Hectares}$

Area: Length x Width
 $\text{Area} = 305.94 \times 64 = 19580.16$
 $\text{Hectares} = 1.958016$

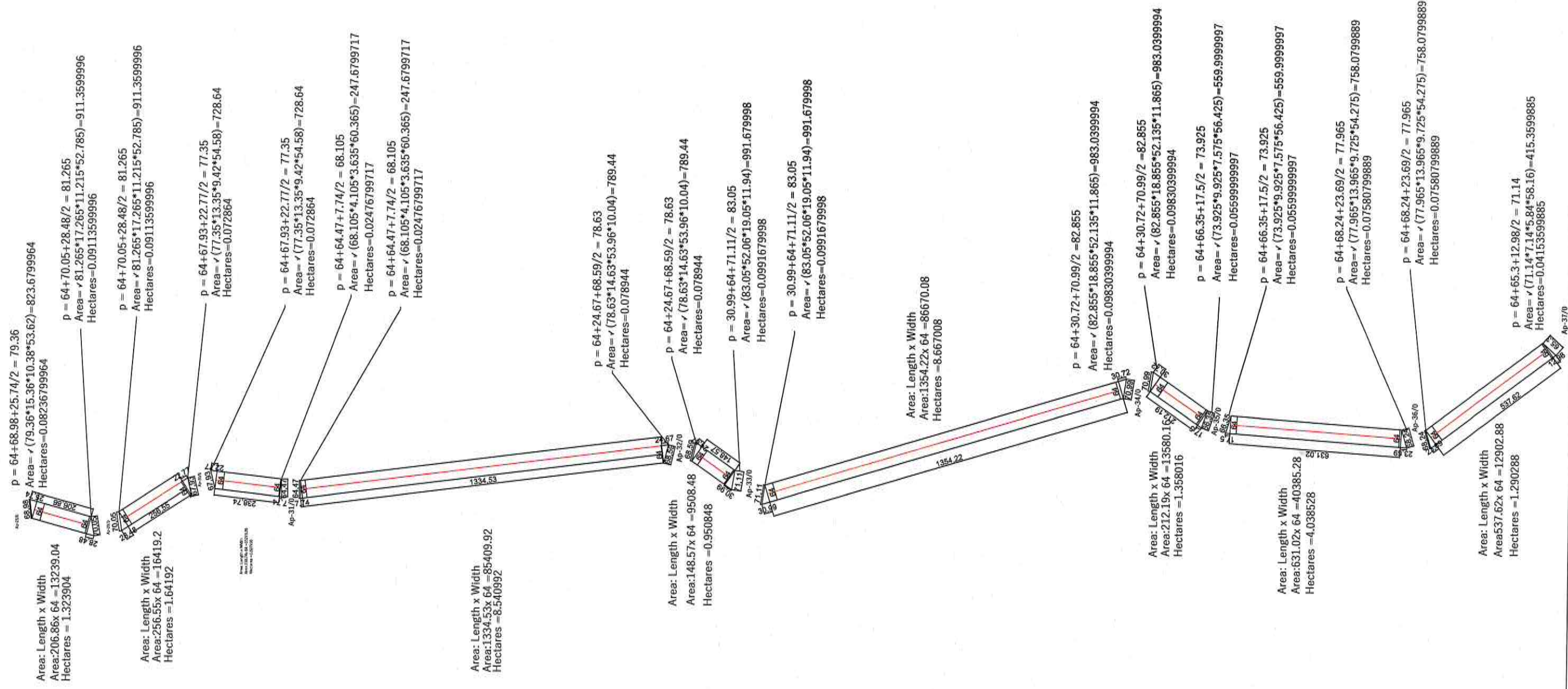
$p = 64 + 23.64 + 68.23 / 2 = 77.935$
 $\text{Area} = \sqrt{(73.935 * 13.935 * 54.295 * 9.705)} = 736.8111914$
 $\text{Hectares} = 0.07368111914$

$p = 64 + 68.98 + 25.74 / 2 = 79.36$
 $\text{Area} = \sqrt{(79.36 * 15.36 * 10.38 * 53.62)} = 823.6799964$
 $\text{Hectares} = 0.08236799964$

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Ap-28/0

NON-FOREST CALCULATION AP28/0 TO AP37/0



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NON-FOREST CALCULATION AP37/0 TO AP39/0

$p = 64 + 65.3 + 12.98/2 = 71.14$
 $\text{Area} = \sqrt{(71.14 \times 7.14 \times 5.84 \times 58.16)} = 415.3599885$
 $\text{Hectares} = 0.04153599885$

AP-37/0

$\text{Area: Length} \times \text{Width}$
 $\text{Area} 2652.24 \times 64 = 169768.96$
 $\text{Hectares} = 16.976896$

2652.24

$p = 64 + 29.77 + 70.59/2 = 82.18$
 $\text{Area} = \sqrt{(82.18 \times 18.18 \times 52.41 \times 11.59)} = 952.6399841$
 $\text{Hectares} = 0.09526399841$

AP-38/0

$p = 64 + 29.77 + 70.59/2 = 82.18$
 $\text{Area} = \sqrt{(82.18 \times 18.18 \times 52.41 \times 11.59)} = 952.6399841$
 $\text{Hectares} = 0.09526399841$

$\text{Area: Length} \times \text{Width}$
 $\text{Area} 4316.71 \times 64 = 276269.44$
 $\text{Hectares} = 27.626944$

4316.71

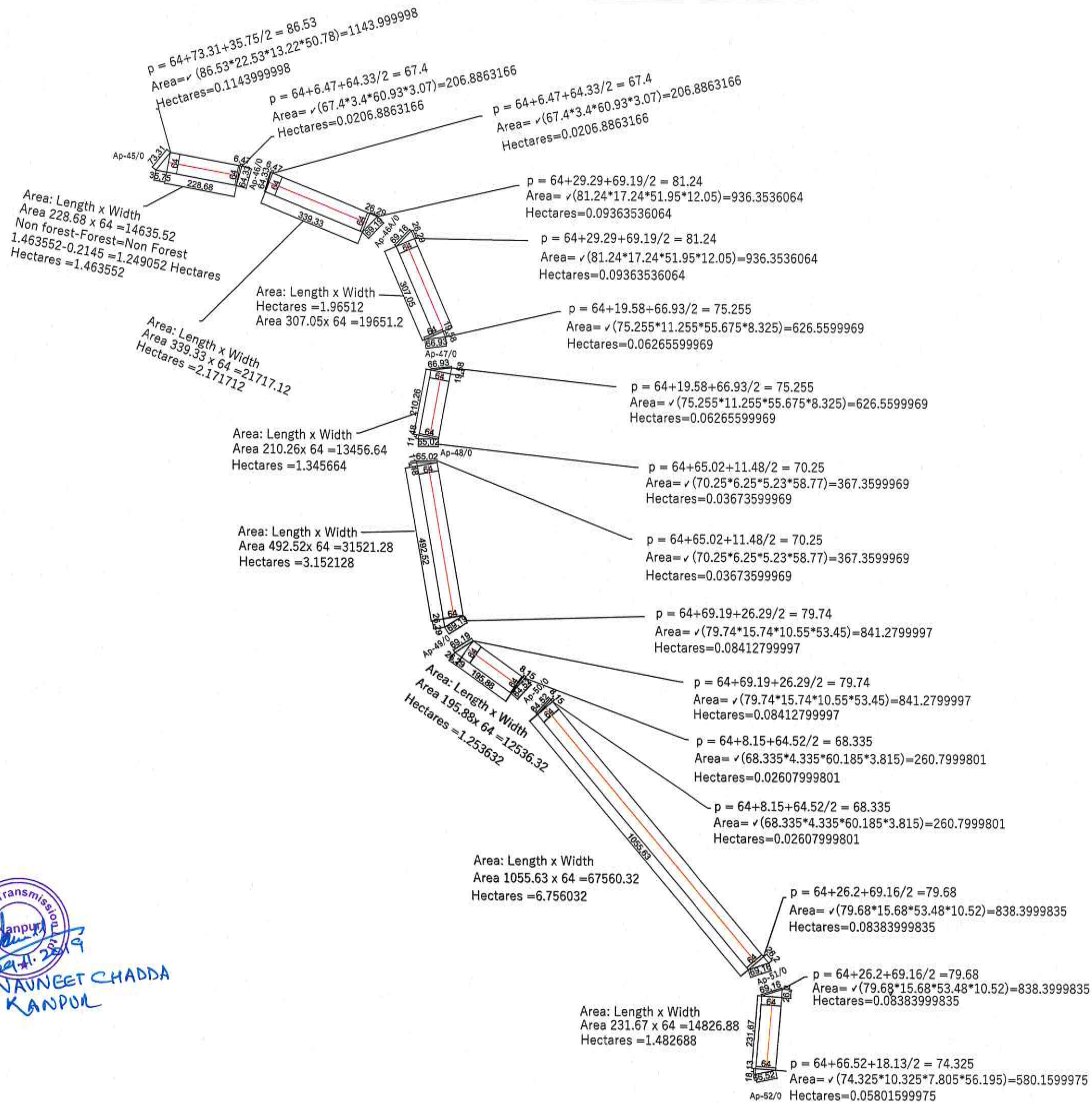
$p = 64 + 64.92 + 10.9/2 = 69.91$
 $\text{Area} = \sqrt{(69.91 \times 5.91 \times 4.99 \times 59.01)} = 348.7999963$
 $\text{Hectares} = 0.03487999963$

AP-39/0



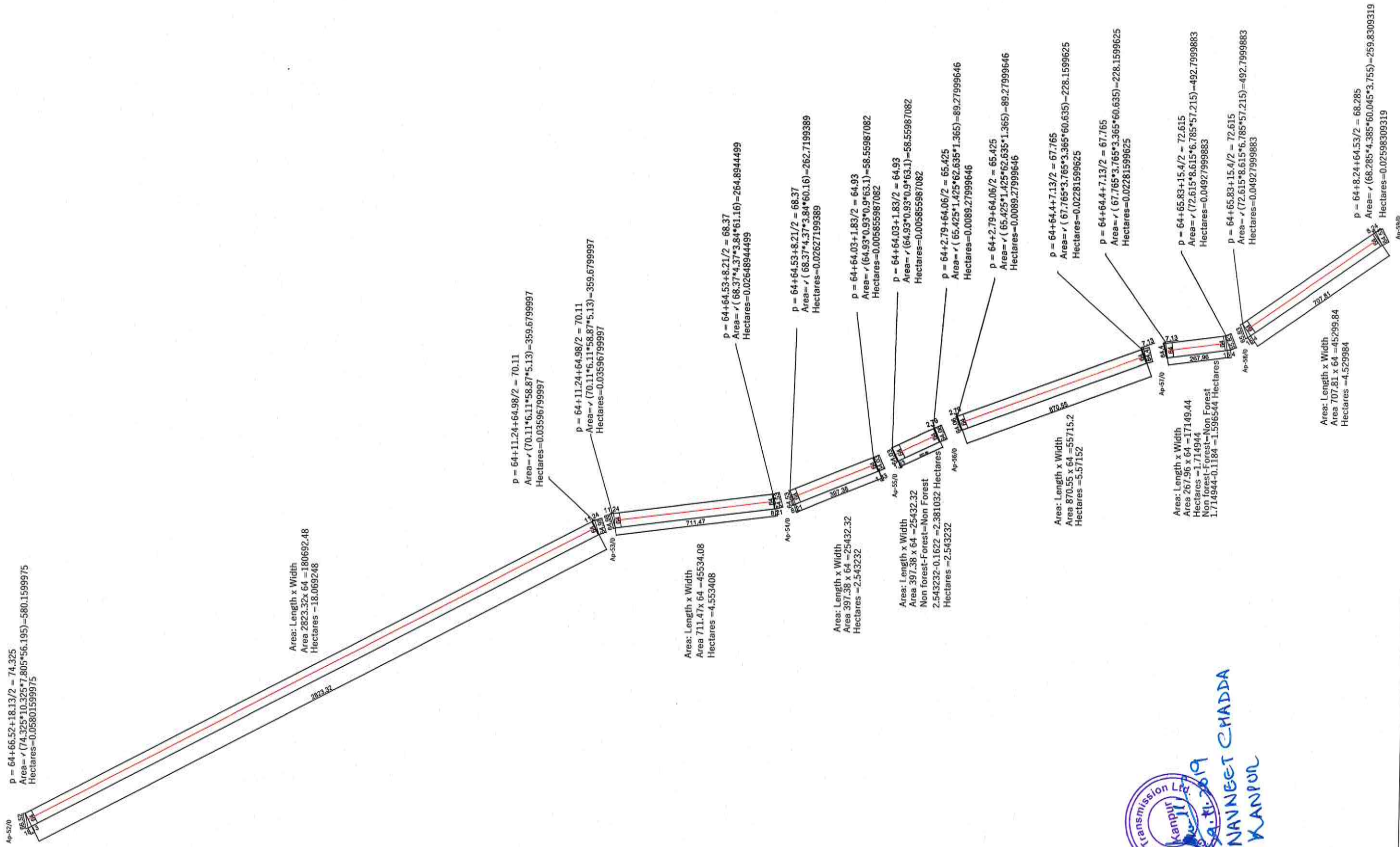
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NON-FOREST CALCULATION AP45/0 TO AP52/0



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NON-FOREST CALCULATION AP52/0 TO AP59/0



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NON-FOREST CALCULATION AP59/0 TO AP61/0

$$p = 64 + 8.24 + 64.53/2 = 68.285$$

$$\text{Area} = \sqrt{(68.285 * 4.385 * 60.045 * 3.755)} = 259.8309319$$

$$\text{Hectares} = 0.02598309319$$

Ap-59/0

64.53
8.24
64

$$\text{Area: Length x Width}$$

$$\text{Area } 3814.76 \times 64 = 244144.64$$

$$\text{Hectares} = 24.414464$$

$$\text{Non forest-Forest=Non Forest}$$

$$24.414464 - 0.5103 = 23.904164 \text{ Hectares}$$

3814.76

$$p = 64 + 64.34 + 7.19/2 = 67.765$$

$$\text{Area} = \sqrt{(67.765 * 3.765 * 3.425 * 60.575)} = 230.0711752$$

$$\text{Hectares} = 0.02300711752$$

$$p = 64 + 64.34 + 6.65/2 = 67.495$$

$$\text{Area} = \sqrt{(67.495 * 3.495 * 3.155 * 60.845)} = 212.7999494$$

$$\text{Hectares} = 0.02127999494$$

$$\text{Area: Length x Width}$$

$$\text{Area } 498.99 \times 64 = 31935.36$$

$$\text{Hectares} = 3.193536$$

$$\text{Non forest-Forest=Non Forest}$$

$$3.193536 - 0.2915 = 2.902036 \text{ Hectares}$$

498.99

$$p = 64 + 11.98 + 65.11/2 = 70.545$$

$$\text{Area} = \sqrt{(70.545 * 6.545 * 58.565 * 5.435)} = 383.3599965$$

$$\text{Hectares} = 0.03833599965$$

Ap-61/0

65.11
11.98
64

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NON-FOREST CALCULATION AP61/0 TO AP63/0

$p = 64 + 11.98 + 65.11/2 = 70.545$
 $\text{Area} = \sqrt{(70.545 \times 6.545 \times 58.565 \times 5.435)} = 383.3599965$
 $\text{Hectares} = 0.03833599965$

AP-61/0

$\text{Area: Length} \times \text{Width}$
 $\text{Area } 2090.46 \times 64 = 133789.44$
 $\text{Hectares} = 13.378944$
 $\text{Non forest-Forest} = \text{Non Forest}$
 $13.378944 - 0.2784 = 13.100544 \text{ Hectares}$

2090.46

$p = 64 + 65.51 + 13.99/2 = 71.75$
 $\text{Area} = \sqrt{(71.75 \times 7.75 \times 6.24 \times 57.76)} = 447.6799983$
 $\text{Hectares} = 0.04476799983$

$p = 64 + 65.51 + 13.99/2 = 71.75$
 $\text{Area} = \sqrt{(71.75 \times 7.75 \times 6.24 \times 57.76)} = 447.6799983$
 $\text{Hectares} = 0.04476799983$

$p = 64 + 65.51 + 13.99/2 = 71.75$
 $\text{Area} = \sqrt{(71.75 \times 7.75 \times 6.24 \times 57.76)} = 447.6799983$
 $\text{Hectares} = 0.04476799983$

$\text{Area: Length} \times \text{Width}$
 $\text{Area } 3083.26 \times 64 = 197328.64$
 $\text{Hectares} = 19.732864$

3083.26

$p = 64 + 18.3 + 66.56/2 = 74.43$
 $\text{Area} = \sqrt{(74.43 \times 10.43 \times 56.13 \times 7.87)} = 585.599977$
 $\text{Hectares} = 0.0585599977$

AP-63/0



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NON-FOREST CALCULATION AP63/0 TO AP68/0

Area: Length x Width
Area 228.6 x 64 = 14630.4
Hectares = 1.46304

Ap-63/0

$$p = 64 + 18.3 + 66.56/2 = 74.43$$

$$\text{Area} = \sqrt{(74.43 \times 10.43 \times 56.13 \times 7.87)} = 585.599977$$

$$\text{Hectares} = 0.0585599977$$

$$p = 64 + 8.65 + 64.58/2 = 68.615$$

$$\text{Area} = \sqrt{(68.615 \times 4.615 \times 59.965 \times 4.035)} = 276.7999932$$

$$\text{Hectares} = 0.02767999932$$

Ap-64/0

$$p = 64 + 8.65 + 64.58/2 = 68.615$$

$$\text{Area} = \sqrt{(68.615 \times 4.615 \times 59.965 \times 4.035)} = 276.7999932$$

$$\text{Hectares} = 0.02767999932$$

Area: Length x Width
Area 810.22 x 64 = 51854.08
Hectares = 5.185408

$$p = 64 + 73.48 + 36.1/2 = 86.79$$

$$\text{Area} = \sqrt{(86.79 \times 22.79 \times 13.31 \times 50.69)} = 1155.2$$

$$\text{Hectares} = 0.11552$$

Ap-65/0

$$p = 64 + 73.48 + 36.1/2 = 86.79$$

$$\text{Area} = \sqrt{(86.79 \times 22.79 \times 13.31 \times 50.69)} = 1155.2$$

$$\text{Hectares} = 0.11552$$

Area: Length x Width
Area 797.11 x 64 = 51015.04
Hectares = 5.101504

$$p = 64 + 70.86 + 30.42/2 = 82.64$$

$$\text{Area} = \sqrt{(82.64 \times 18.64 \times 11.78 \times 52.22)} = 973.4399982$$

$$\text{Hectares} = 0.09734399982$$

Ap-66/0

$$p = 64 + 15.19 + 65.78/2 = 72.485$$

$$\text{Area} = \sqrt{(72.485 \times 8.485 \times 57.295 \times 6.705)} = 486.0799952$$

$$\text{Hectares} = 0.04860799952$$

Ap-67/0

$$p = 64 + 15.19 + 65.78/2 = 72.485$$

$$\text{Area} = \sqrt{(72.485 \times 8.485 \times 57.295 \times 6.705)} = 486.0799952$$

$$\text{Hectares} = 0.04860799952$$

$$p = 64 + 27.66 + 69.72/2 = 80.69$$

$$\text{Area} = \sqrt{(80.69 \times 16.69 \times 53.03 \times 10.97)} = 885.1199986$$

$$\text{Hectares} = 0.08851199986$$

Ap-68/0

Area: Length x Width
Area 257.36 x 64 = 16471.04
Hectares = 1.647104

$$p = 64 + 70.86 + 30.42/2 = 82.64$$

$$\text{Area} = \sqrt{(82.64 \times 18.64 \times 11.78 \times 52.22)} = 973.4399982$$

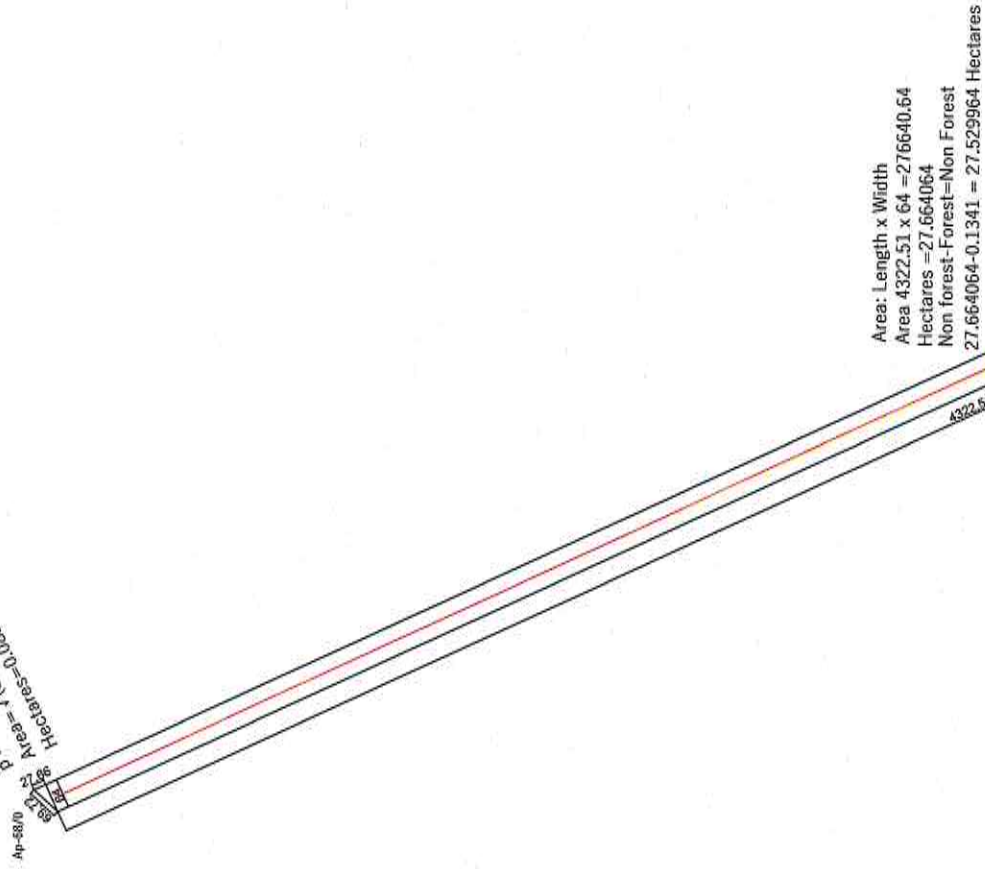
$$\text{Hectares} = 0.09734399982$$

Area: Length x Width
Area 580.21 x 64 = 37133.44
Hectares = 3.713344



NON-FOREST CALCULATION AP68/0 TO AP70/0

$p = 64 + 27.66 + 89.72/2 = 80.89$
 $\text{Area} = \sqrt{(80.89 \times 16.89 \times 33.03 \times 10.97)} = 885.1199986$
 $\text{Hectares} = 0.008851199986$



$p = 64 + 65.5 + 13.92/2 = 71.71$
 $\text{Area} = \sqrt{(71.71 \times 7.71 \times 6.21 \times 57.79)} = 445.4399836$
 $\text{Hectares} = 0.04454399836$

$p = 64 + 65.5 + 13.92/2 = 71.71$
 $\text{Area} = \sqrt{(71.71 \times 7.71 \times 6.21 \times 57.79)} = 445.4399836$
 $\text{Hectares} = 0.04454399836$

Area: Length x Width
 $\text{Area } 2446.59 \times 64 = 156581.76$
 $\text{Hectares} = 15.658176$

$p = 64 + 9.71 + 64.73/2 = 69.22$
 $\text{Area} = \sqrt{(69.22 \times 5.22 \times 59.51 \times 4.49)} = 310.7199903$
 $\text{Hectares} = 0.03107199903$

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NON-FOREST CALCULATION AP70/0 TO AP73/0

$$p = 64 + 9.71 + 64.73/2 = 69.22$$

$$\text{Area} = \sqrt{(69.22 \times 5.22 \times 59.51 \times 4.49)} = 310.7199903$$

$$\text{Hectares} = 0.03107199903$$

Area: Length x Width
 Area 1570.01 x 64 = 100800.64
 Hectares = 10.688064
 Non forest-Forest=Non Forest
 10.688064-0.2243 = 10.463764 Hectares

$$p = 64 + 7.48 + 64.44/2 = 67.96$$

$$\text{Area} = \sqrt{(67.96 \times 3.96 \times 60.48 \times 3.52)} = 239.3599586$$

$$\text{Hectares} = 0.02393599586$$

$$p = 64 + 7.48 + 64.44/2 = 67.96$$

$$\text{Area} = \sqrt{(67.96 \times 3.96 \times 60.48 \times 3.52)} = 239.3599586$$

$$\text{Hectares} = 0.02393599586$$

Area: Length x Width
 Area 3971.64 x 64 = 254184.96
 Hectares = 25.418496

$$p = 64 + 64.76 + 9.88/2 = 69.32$$

$$\text{Area} = \sqrt{(69.32 \times 5.32 \times 4.56 \times 59.44)} = 316.1599942$$

$$\text{Hectares} = 0.03161599942$$

$$p = 64 + 64.76 + 9.88/2 = 69.32$$

$$\text{Area} = \sqrt{(69.32 \times 5.32 \times 4.56 \times 59.44)} = 316.1599942$$

$$\text{Hectares} = 0.03161599942$$

Area: Length x Width
 Area 1855.94 x 64 = 118780.16
 Hectares = 11.878016

$$p = 64 + 64.19 + 4.91/2 = 66.55$$

$$\text{Area} = \sqrt{(66.55 \times 2.55 \times 2.36 \times 61.64)} = 157.1199878$$

$$\text{Hectares} = 0.01571199878$$

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NON-FOREST CALCULATION AP73/0 TO AP76/0

$p = 64 + 64.19 + 4.91/2 = 66.55$
 $\text{Area} = \sqrt{(66.55 \times 2.55 \times 2.36 \times 61.64)} = 157.1199878$
 $\text{Hectares} = 0.01571199878$

$p = 64 + 17.33 + 66.3/2 = 73.815$
 $\text{Area} = \sqrt{(73.815 \times 9.815 \times 56.485 \times 7.515)} = 554.559977$
 $\text{Hectares} = 0.0554559977$

$p = 64 + 17.33 + 66.3/2 = 73.815$
 $\text{Area} = \sqrt{(73.815 \times 9.815 \times 56.485 \times 7.515)} = 554.559977$
 $\text{Hectares} = 0.0554559977$

$A_2 = 73.0$
 $\text{Area: Length x Width}$
 $\text{Area } 223.68 \times 64 = 14315.52$
 $\text{Non forest-Forest-Non Forest}$
 $1.431552 - 0.3268 = 1.104752 \text{ Hectares}$
 $\text{Hectares} = 1.431552$

$\text{Area: Length x Width}$
 $\text{Area } 3088.91 \times 64 = 197690.24$
 $\text{Hectares} = 19.769024$

$p = 64 + 64.01 + 0.85/2 = 64.43$
 $\text{Area} = \sqrt{(64.43 \times 0.43 \times 0.42 \times 63.58)} = 27.19964279$
 $\text{Hectares} = 0.0027.19964279$

$p = 64 + 64.01 + 0.85/2 = 64.43$
 $\text{Area} = \sqrt{(64.43 \times 0.43 \times 0.42 \times 63.58)} = 27.19964279$
 $\text{Hectares} = 0.0027.19964279$

$\text{Area: Length x Width}$
 $\text{Area } 3325.22 \times 64 = 212814.08$
 $\text{Hectares} = 21.2814.08$

$p = 64 + 3.42 + 64.09/2 = 65.755$
 $\text{Area} = \sqrt{(65.755 \times 1.755 \times 62.335 \times 1.665)} = 109.4399919$
 $\text{Hectares} = 0.01094399919$



NON-FOREST CALCULATION AP76/0 TO AP78A/0

$p = 64 + 3.42 + 64.09/2 = 65.755$
 $\text{Area} = \sqrt{(65.755 \times 1.755 \times 62.335 \times 1.665)} = 109.4399919$
 $\text{Hectares} = 0.01094399919$

$p = 64 + 64.23 + 64.09/2 = 66.77$
 $\text{Area} = \sqrt{(66.77 \times 2.77 \times 61.46 \times 1.665)} = 169.9196907$
 $\text{Hectares} = 0.01699196907$

$p = 64 + 64.23 + 5.31/2 = 66.77$
 $\text{Area} = \sqrt{(66.77 \times 2.77 \times 61.46 \times 1.665)} = 169.9196907$
 $\text{Hectares} = 0.01699196907$

$p = 64 + 64.23 + 5.31/2 = 66.77$
 $\text{Area} = \sqrt{(66.77 \times 2.77 \times 61.46 \times 1.665)} = 169.9196907$
 $\text{Hectares} = 0.01699196907$

$p = 64 + 65.25 + 12.69/2 = 70.97$
 $\text{Area} = \sqrt{(70.97 \times 6.37 \times 58.28 \times 1.665)} = 406.0799787$
 $\text{Hectares} = 0.04060799787$

$p = 64 + 65.25 + 12.69/2 = 70.97$
 $\text{Area} = \sqrt{(70.97 \times 6.37 \times 58.28 \times 1.665)} = 406.0799787$
 $\text{Hectares} = 0.04060799787$

$p = 64 + 65.25 + 13.16/2 = 71.205$
 $\text{Area} = \sqrt{(71.205 \times 7.205 \times 58.045 \times 1.665)} = 421.1099748$
 $\text{Hectares} = 0.04211099748$

$p = 64 + 64.01 + 1.2/2 = 64.505$
 $\text{Area} = \sqrt{(64.505 \times 0.605 \times 63.405 \times 1.665)} = 38.39997919$
 $\text{Hectares} = 0.003839997919$



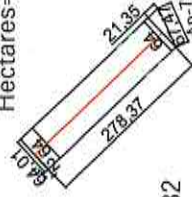
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NON-FOREST CALCULATION AP78A/0 TO AP81/0

$$p = 64 + 64.01 + 1.2/2 = 64.605$$

$$\text{Area} = \sqrt{(64.605 \times 0.605 \times 0.595 \times 63.405)} = 38.39997919$$

$$\text{Hectares} = 0.003839997919$$



Area: Length x Width
Area $278.37 \times 64 = 17816.32$
Hectares $= 1.781632$

Non forest-Forest=Non Forest
 $1.781632 - 0.1181 = 1.663532$ Hectares

$$p = 64 + 21.35 + 67.47/2 = 76.41$$

$$\text{Area} = \sqrt{(76.41 \times 12.41 \times 55.06 \times 8.94)} = 683.1999935$$

$$\text{Hectares} = 0.06831999935$$

AP-79/0

$$p = 64 + 21.35 + 67.47/2 = 76.41$$

$$\text{Area} = \sqrt{(76.41 \times 12.41 \times 55.06 \times 8.94)} = 683.1999935$$

$$\text{Hectares} = 0.06831999935$$

Area: Length x Width
Area $690.81 \times 64 = 44211.84$
Hectares $= 4.421184$

$$p = 64 + 64.58 + 8.81/2 = 68.695$$

$$\text{Area} = \sqrt{(68.695 \times 4.695 \times 4.115 \times 59.885)} = 281.9189758$$

$$\text{Hectares} = 0.02819189758$$

AP-80/0

$$p = 64 + 64.58 + 8.64/2 = 68.61$$

$$\text{Area} = \sqrt{(68.61 \times 4.61 \times 4.03 \times 59.97)} = 276.4799994$$

$$\text{Hectares} = 0.02764799994$$

Area: Length x Width
Area $3249.32 \times 64 = 207956.48$
Hectares $= 20.795648$

$$p = 64 + 7.18 + 64.4/2 = 67.79$$

$$\text{Area} = \sqrt{(67.79 \times 3.79 \times 60.61 \times 3.39)} = 229.759995$$

$$\text{Hectares} = 0.0229759995$$



24.11.2019
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NON-FOREST CALCULATION AP81/0 TO AP91/0

$$p = 64 + 7.18 + 64.4/2 = 67.79$$

$$\text{Area} = \sqrt{(67.79 \times 3.79 \times 60.61 \times 3.39)} = 229.759995$$

$$\text{Hectares} = 0.0229759995$$

Area: Length x Width
Area 633.85 x 64 = 40566.4
Hectares = 4.05664

$$p = 64 + 6.15 + 64.3/2 = 67.225$$

$$\text{Area} = \sqrt{(67.225 \times 3.225 \times 61.075 \times 2.925)} = 196.7999293$$

$$\text{Hectares} = 0.01967999293$$

$$p = 64 + 6.15 + 64.3/2 = 67.225$$

$$\text{Area} = \sqrt{(67.225 \times 3.225 \times 61.075 \times 2.925)} = 196.7999293$$

$$\text{Hectares} = 0.01967999293$$

$$p = 64 + 11.32 + 64.99/2 = 70.155$$

$$\text{Area} = \sqrt{(70.155 \times 6.155 \times 58.835 \times 5.165)} = 362.2399831$$

$$\text{Hectares} = 0.03622399831$$

$$p = 64 + 11.32 + 64.99/2 = 70.155$$

$$\text{Area} = \sqrt{(70.155 \times 6.155 \times 58.835 \times 5.165)} = 362.2399831$$

$$\text{Hectares} = 0.03622399831$$

Area: Length x Width
Area 587.71 x 64 = 37613.44
Hectares = 3.761344

$$p = 64 + 0.52 + 64.01/2 = 64.265$$

$$\text{Area} = \sqrt{(64.265 \times 0.265 \times 63.745 \times 0.255)} = 16.63808528$$

$$\text{Hectares} = 0.001663808528$$

$$p = 64 + 0.52 + 64.01/2 = 64.265$$

$$\text{Area} = \sqrt{(64.265 \times 0.265 \times 63.745 \times 0.255)} = 16.63808528$$

$$\text{Hectares} = 0.001663808528$$

$$p = 64 + 64.05 + 2.42/2 = 65.235$$

$$\text{Area} = \sqrt{(65.235 \times 1.235 \times 1.185 \times 62.815)} = 77.43987965$$

$$\text{Hectares} = 0.007743987965$$

$$p = 64 + 64.05 + 2.42/2 = 65.235$$

$$\text{Area} = \sqrt{(65.235 \times 1.235 \times 1.185 \times 62.815)} = 77.43987965$$

$$\text{Hectares} = 0.007743987965$$

$$p = 64 + 64.37 + 6.87/2 = 67.62$$

$$\text{Area} = \sqrt{(67.62 \times 3.62 \times 3.25 \times 60.75)} = 219.8399872$$

$$\text{Hectares} = 0.02198399872$$

$$p = 64 + 64.37 + 6.87/2 = 67.62$$

$$\text{Area} = \sqrt{(67.62 \times 3.62 \times 3.25 \times 60.75)} = 219.8399872$$

$$\text{Hectares} = 0.02198399872$$

$$p = 64 + 64.88 + 10.64/2 = 69.76$$

$$\text{Area} = \sqrt{(69.76 \times 5.76 \times 4.88 \times 59.12)} = 340.4799962$$

$$\text{Hectares} = 0.03404799962$$

$$p = 64 + 64.88 + 10.64/2 = 69.76$$

$$\text{Area} = \sqrt{(69.76 \times 5.76 \times 4.88 \times 59.12)} = 340.4799962$$

$$\text{Hectares} = 0.03404799962$$

Area: Length x Width
Area 857.69 x 64 = 54892.16
Hectares = 5.489216

$$p = 64 + 65.13 + 12.08/2 = 70.605$$

$$\text{Area} = \sqrt{(70.605 \times 6.605 \times 5.475 \times 58.525)} = 386.56$$

$$\text{Hectares} = 0.038656$$

$$p = 64 + 65.13 + 12.08/2 = 70.605$$

$$\text{Area} = \sqrt{(70.605 \times 6.605 \times 5.475 \times 58.525)} = 386.56$$

$$\text{Hectares} = 0.038656$$

$$p = 64 + 64.31 + 6.26/2 = 67.285$$

$$\text{Area} = \sqrt{(67.285 \times 3.285 \times 2.975 \times 61.025)} = 200.319946$$

$$\text{Hectares} = 0.0200319946$$

$$p = 64 + 64.31 + 6.26/2 = 67.285$$

$$\text{Area} = \sqrt{(67.285 \times 3.285 \times 2.975 \times 61.025)} = 200.319946$$

$$\text{Hectares} = 0.0200319946$$

$$p = 64 + 66.26 + 17.15/2 = 73.705$$

$$\text{Area} = \sqrt{(73.705 \times 9.705 \times 7.445 \times 56.555)} = 548.7999996$$

$$\text{Hectares} = 0.05487999996$$

$$p = 64 + 66.26 + 17.15/2 = 73.705$$

$$\text{Area} = \sqrt{(73.705 \times 9.705 \times 7.445 \times 56.555)} = 548.7999996$$

$$\text{Hectares} = 0.05487999996$$

Area: Length x Width
Area 1333.88 x 64 = 85368.32
Hectares = 8.536832

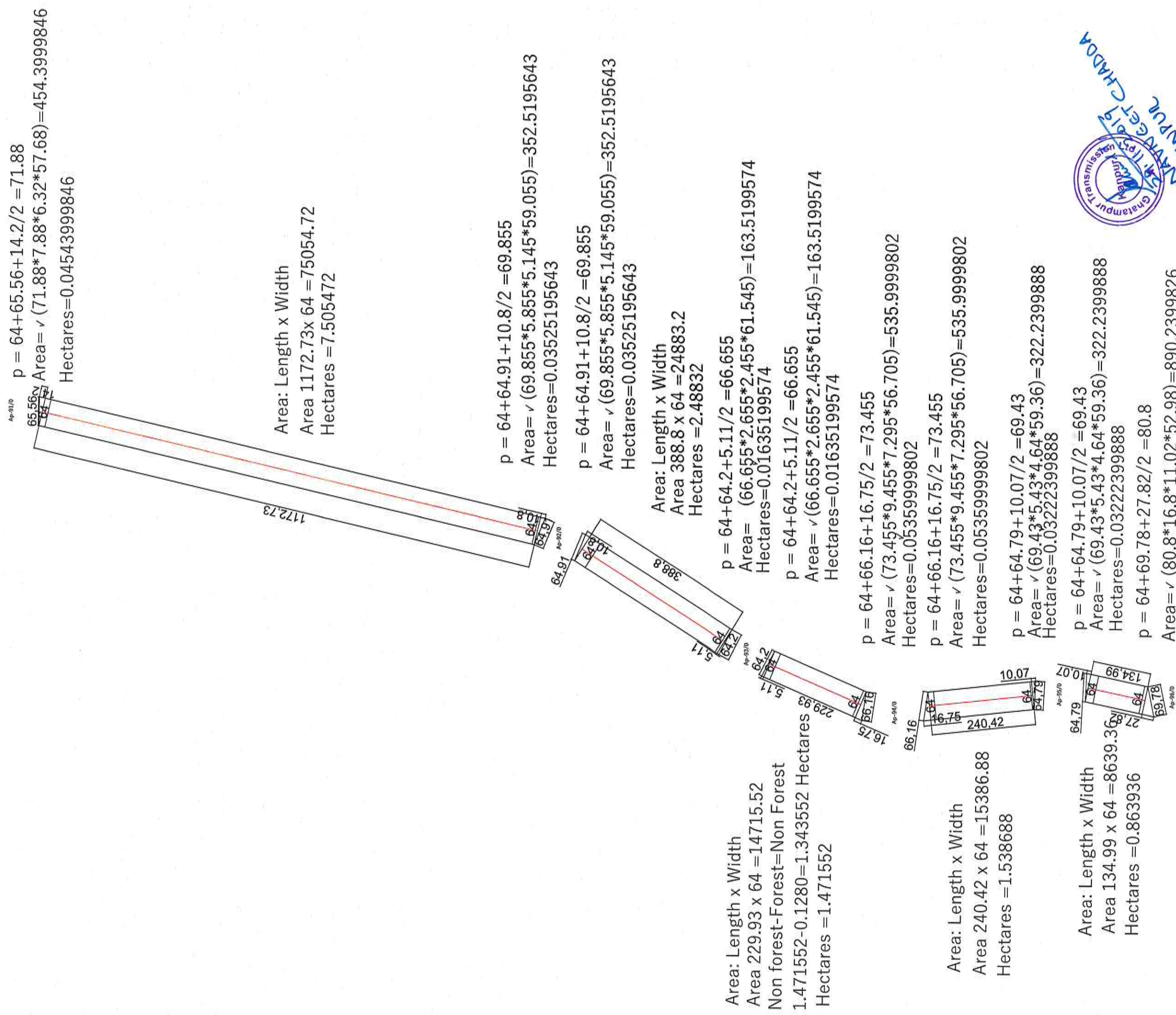
$$p = 64 + 65.56 + 14.2/2 = 71.88$$

$$\text{Area} = \sqrt{(71.88 \times 7.88 \times 6.32 \times 57.68)} = 454.3999846$$

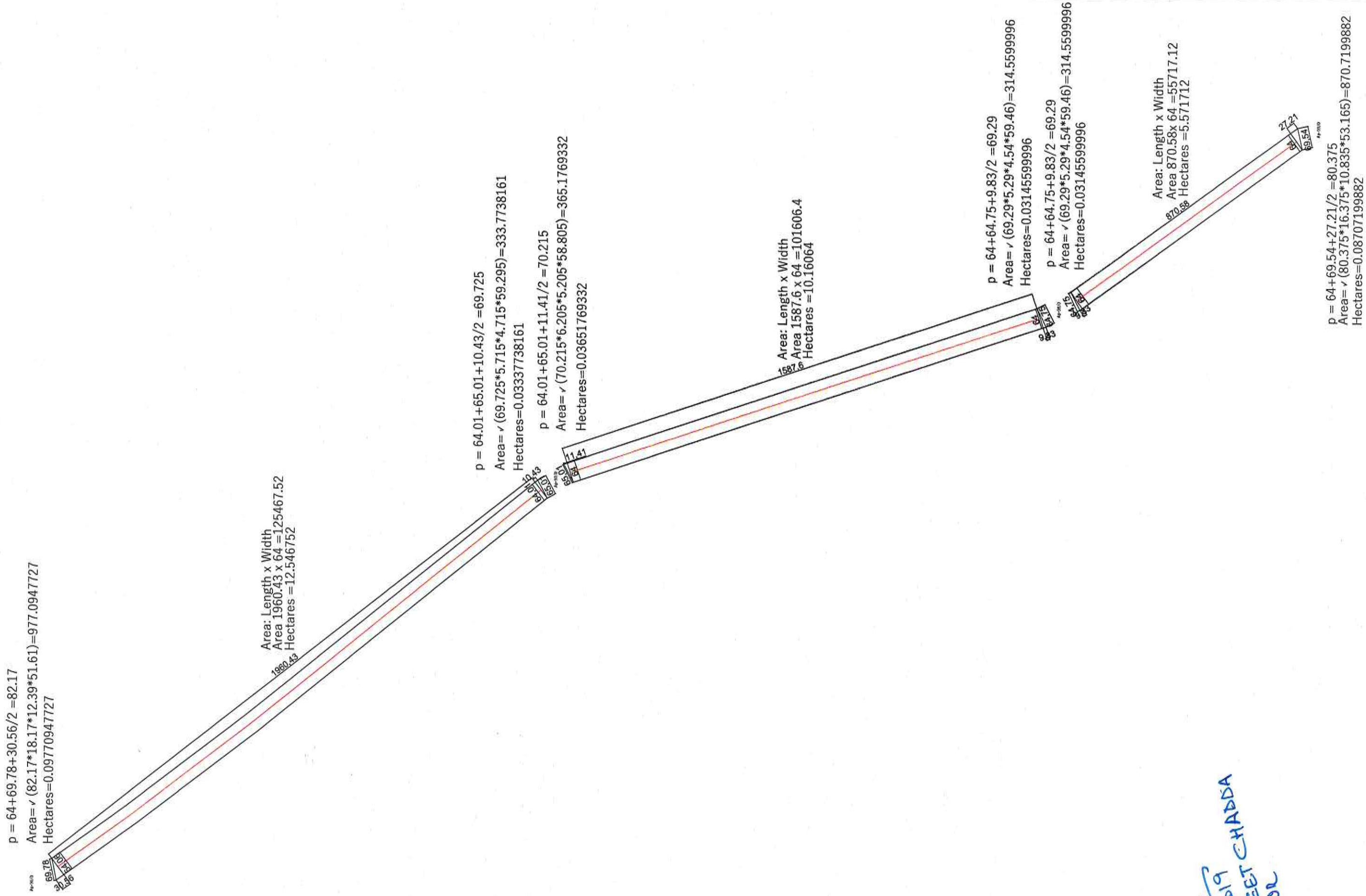
$$\text{Hectares} = 0.04543999846$$



NON-FOREST CALCULATION AP91/0 TO AP96/0



NON-FOREST CALCULATION AP96/0 TO AP99/0




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NON-FOREST CALCULATION AP99/0 TO AP101/0

$$p = 64 + 69.54 + 27.21/2 = 80.375$$

$$\text{Area} = \sqrt{(80.375 * 16.375 * 10.835 * 53.165)} = 870.7199882$$

$$\text{Hectares} = 0.08707199882$$



Area: Length x Width
 Area 2197.3 x 64 = 140627.2
 Hectares = 14.06272

$$p = 64 + 65.65 + 14.64/2 = 72.145$$

$$\text{Area} = \sqrt{(72.145 * 8.145 * 6.495 * 57.505)} = 468.4799889$$

$$\text{Hectares} = 0.04684799889$$



$$p = 64 + 65.65 + 14.64/2 = 72.145$$

$$\text{Area} = \sqrt{(72.145 * 8.145 * 6.495 * 57.505)} = 468.4799889$$

$$\text{Hectares} = 0.04684799889$$

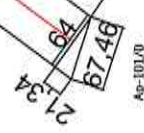
Area: Length x Width
 Area 487.18 x 64 = 31179.52
 Hectares = 3.117952



$$p = 64 + 67.46 + 21.34/2 = 76.4$$

$$\text{Area} = \sqrt{(76.4 * 12.4 * 8.94 * 55.06)} = 682.8799865$$

$$\text{Hectares} = 0.06828799865$$



NON-FOREST CALCULATION AP101/0 TO AP104/0

$$p = 64 + 67.46 + 21.34/2 = 76.4$$

$$\text{Area} = \sqrt{(76.4 \times 12.4 \times 8.94 \times 55.06)} = 682.8799865$$

$$\text{Hectares} = 0.06828799865$$

$$\text{Area: Length} \times \text{Width}$$

$$\text{Area } 2127.64 \times 64 = 136168.96$$

$$\text{Hectares} = 13.616896$$

$$p = 64 + 65.54 + 14.13/2 = 71.835$$

$$\text{Area} = \sqrt{(71.835 \times 7.835 \times 6.295 \times 57.705)} = 452.1599981$$

$$\text{Hectares} = 0.04521599981$$

$$p = 64 + 65.54 + 14.22/2 = 71.88$$

$$\text{Area} = \sqrt{(71.88 \times 7.88 \times 6.34 \times 57.66)} = 455.0394931$$

$$\text{Hectares} = 0.04550394931$$

$$\text{Area: Length} \times \text{Width}$$

$$\text{Area } 582.04 \times 64 = 37250.56$$

$$\text{Hectares} = 3.725056$$

$$p = 64 + 65.59 + 14.42/2 = 72.005$$

$$\text{Area} = \sqrt{(72.005 \times 8.005 \times 6.415 \times 57.585)} = 461.4397585$$

$$\text{Hectares} = 0.04614397585$$

$$p = 64 + 65.59 + 14.36/2 = 71.975$$

$$\text{Area} = \sqrt{(71.975 \times 7.975 \times 6.385 \times 57.615)} = 459.5199982$$

$$\text{Hectares} = 0.04595199982$$

$$\text{Area: Length} \times \text{Width}$$

$$\text{Area } 2395.89 \times 64 = 153336.96$$

$$\text{Hectares} = 15.333696$$

$$p = 64 + 65.03 + 11.54/2 = 70.285$$

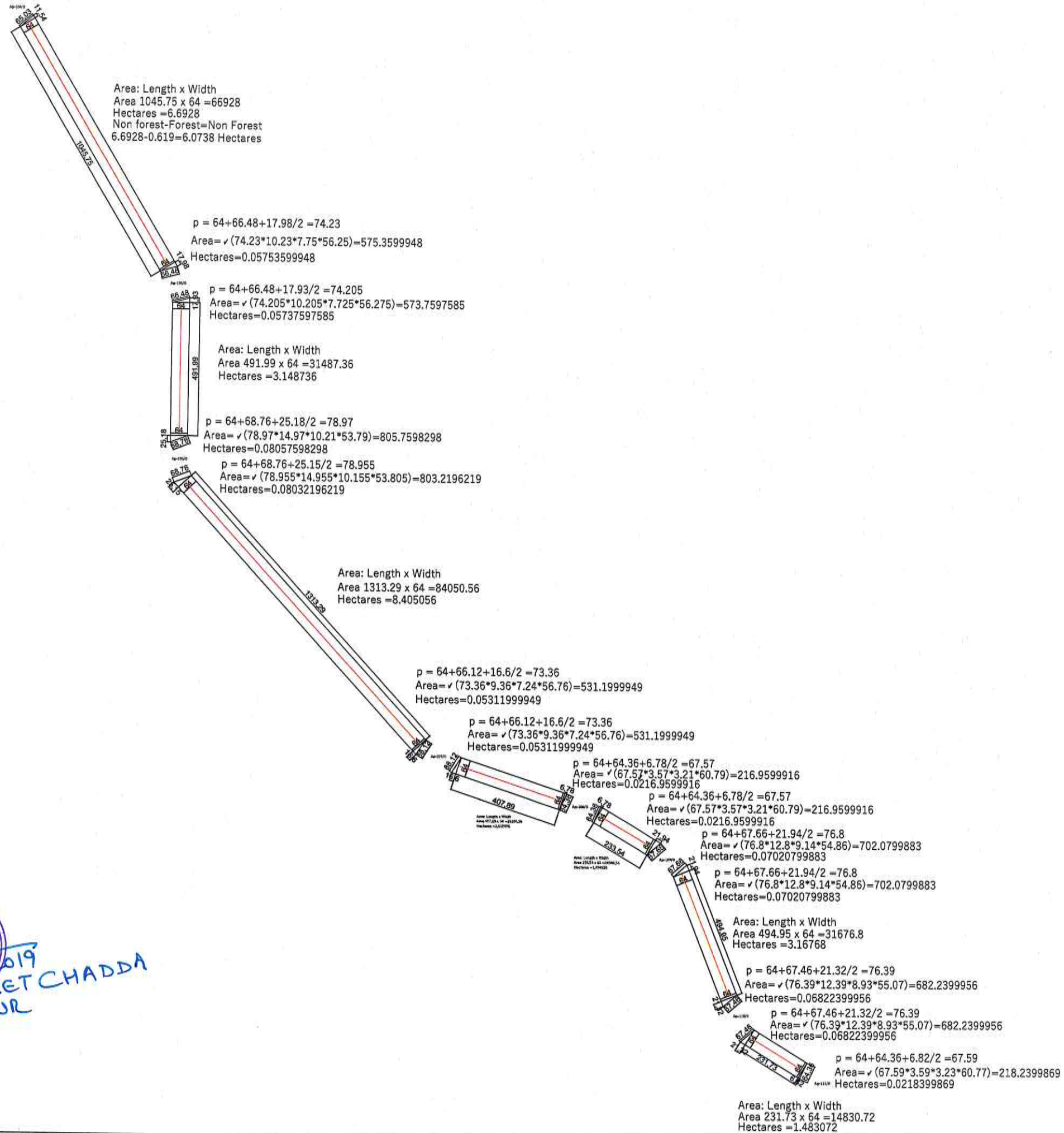
$$\text{Area} = \sqrt{(70.285 \times 6.285 \times 5.255 \times 58.754)} = 369.3082804$$

$$\text{Hectares} = 0.03693082804$$



$p = 64 + 65.03 + 11.54 / 2 = 70.285$
 $\text{Area} = \sqrt{(70.285 \times 6.285 \times 5.255 \times 58.754)} = 369.3082804$
 $\text{Hectares} = 0.03693082804$

NON-FOREST CALCULATION AP104/0 TO AP111/0



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NON-FOREST CALCULATION AP111/0 TO AP116/0

$p = 64 + 64.36 + 6.82 / 2 = 67.59$
 $\text{Area} = \sqrt{67.59 \times 3.59 \times 3.23 \times 60.77} = 218.2399869$
 Hectares = 0.0218399869

$p = 64 + 66.71 + 18.82 / 2 = 74.765$
 $\text{Area} = \sqrt{74.765 \times 10.765 \times 8.055 \times 55.945} = 602.2399999$
 Hectares = 0.06022399999

$p = 64 + 66.71 + 18.82 / 2 = 74.765$
 $\text{Area} = \sqrt{74.765 \times 10.765 \times 8.055 \times 55.945} = 602.2399999$
 Hectares = 0.06022399999

$p = 64 + 66.73 + 18.87 / 2 = 74.8$
 $\text{Area} = \sqrt{74.8 \times 10.8 \times 8.07 \times 55.93} = 603.8399655$
 Hectares = 0.06038399655

$p = 64 + 66.73 + 18.87 / 2 = 74.8$
 $\text{Area} = \sqrt{74.8 \times 10.8 \times 8.07 \times 55.93} = 603.8399655$
 Hectares = 0.06038399655

Area: Length x Width
 Area 318.55 x 64 = 20387.2
 Hectares = 2.03872

Area: Length x Width
 Area 214.98 x 64 = 13758.72
 Hectares = 1.375872

Area: Length x Width
 Area 1977.74 x 64 = 126575.36
 Hectares = 12.657536

$p = 64 + 71.98 + 32.95 / 2 = 84.465$
 $\text{Area} = \sqrt{84.465 \times 20.465 \times 12.485 \times 51.515} = 1054.39999$
 Hectares = 0.105439999

$p = 64 + 71.98 + 32.95 / 2 = 84.465$
 $\text{Area} = \sqrt{84.465 \times 20.465 \times 12.485 \times 51.515} = 1054.39999$
 Hectares = 0.105439999

Area: Length x Width
 Area 159.49 x 64 = 10207.36
 Hectares = 10.20736

$p = 64 + 70.36 + 29.22 / 2 = 81.79$
 $\text{Area} = \sqrt{81.79 \times 17.79 \times 11.43 \times 52.57} = 935.0399826$
 Hectares = 0.09350399826

$p = 64 + 70.36 + 29.22 / 2 = 81.79$
 $\text{Area} = \sqrt{81.79 \times 17.79 \times 11.43 \times 52.57} = 935.0399826$
 Hectares = 0.09350399826

Area: Length x Width
 Area 1188.39 x 64 = 76056.96
 Hectares = 7.605696

$p = 64 + 34.44 + 72.68 / 2 = 85.56$
 $\text{Area} = \sqrt{85.56 \times 21.56 \times 51.12 \times 12.88} = 1102.079998$
 Hectares = 0.1102079998

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NON-FOREST CALCULATION AP116/0 TO AP122/0

Area: Length x Width
Area 176.47 x 64 = 11294.08
Hectares = 1.129408

Ap-116/0
 $p = 64 + 34.44 + 72.68 / 2 = 85.56$
 $\text{Area} = \sqrt{(85.56 * 21.56 * 51.12 * 12.88)} = 1102.079998$
 Hectares = 0.1102079998

Ap-117/0
 $p = 64 + 69.22 + 26.37 / 2 = 79.795$
 $\text{Area} = \sqrt{(79.795 * 15.795 * 10.575 * 53.425)} = 843.84$
 Hectares = 0.084384

Area: Length x Width
Area 153.21 x 64 = 9805.44
Hectares = 0.980544

Ap-117/0
 $p = 64 + 69.22 + 26.37 / 2 = 79.795$
 $\text{Area} = \sqrt{(79.795 * 15.795 * 10.575 * 53.425)} = 843.84$
 Hectares = 0.084384

Area: Length x Width
Area 217.78 x 64 = 13937.92
Hectares = 1.393792

Ap-118/0
 $p = 64 + 17.2 + 66.27 / 2 = 73.735$
 $\text{Area} = \sqrt{(73.735 * 9.735 * 56.535 * 7.465)} = 550.3999991$
 Hectares = 0.05503999991

Ap-118/0
 $p = 64 + 17.2 + 66.27 / 2 = 73.735$
 $\text{Area} = \sqrt{(73.735 * 9.735 * 56.535 * 7.465)} = 550.3999991$
 Hectares = 0.05503999991

Ap-119/0
 $p = 64 + 66.13 + 16.66 / 2 = 73.395$
 $\text{Area} = \sqrt{(73.395 * 9.395 * 7.265 * 56.735)} = 533.1199916$
 Hectares = 0.05331199916

Area: Length x Width
Area 192.27 x 64 = 12305.28
Hectares = 1.230528

Ap-119/0
 $p = 64 + 66.13 + 16.66 / 2 = 73.395$
 $\text{Area} = \sqrt{(73.395 * 9.395 * 7.265 * 56.735)} = 533.1199916$
 Hectares = 0.05331199916

Area: Length x Width
Area 242.98 x 64 = 178.98
Hectares = 0.017898

Ap-120/0
 $p = 64 + 29.41 + 70.43 / 2 = 81.92$
 $\text{Area} = \sqrt{(81.92 * 17.92 * 52.51 * 11.49)} = 941.1199895$
 Hectares = 0.09411199895

Ap-120/0
 $p = 64 + 29.41 + 70.43 / 2 = 81.92$
 $\text{Area} = \sqrt{(81.92 * 17.92 * 52.51 * 11.49)} = 941.1199895$
 Hectares = 0.09411199895

Area: Length x Width
Area 227.42 x 64 = 14554.88
Hectares = 1.455488

Ap-121/0
 $p = 64 + 64.3 + 6.22 / 2 = 67.26$
 $\text{Area} = \sqrt{(67.26 * 3.26 * 2.96 * 61.04)} = 199.0399938$
 Hectares = 0.01990399938

Ap-122/0
 $p = 64 + 64.3 + 6.22 / 2 = 67.26$
 $\text{Area} = \sqrt{(67.26 * 3.26 * 2.96 * 61.04)} = 199.0399938$
 Hectares = 0.01990399938

Ap-122/0
 $p = 64 + 67.35 + 20.98 / 2 = 76.165$
 $\text{Area} = \sqrt{(76.165 * 12.165 * 8.815 * 55.185)} = 671.3599991$
 Hectares = 0.06713599991



NON-FOREST CALCULATION AP122/0 TO / FATEHABAD GANTRY

