# REPUBLIC OF KENYA



# MINIŞTRY OF PUBLIC WORKŞ

# DETAILED DESIGN STUDY ON THE NAIROBI BYPASS PROJEC DETAILED CALCULATIONS FOR QUANTITIES

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SEPTEMBER 1992

/ Japan International Cooperation Agency

The Permanent Secretary Ministry of Public Works P.O.Box 30260 NAIROBT The Chief Regineer (Roads) Ministry of Public Works P.O.Box 30260 NAJROBI

LIBRARY 24825

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# MINISTRY OF PUBLIC WORKS

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国際協力事業団 24825 

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## 1. Site Clearance and Topsoil Stripping

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## 1.1 Site Clearance

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#### SUMMARY OF SITE CLEARANCE AREAS

DESCRIPTION	UNIT	CLEAR	
an a		IN OPEN COUNTRY	IN FOREST AREA
MAIN ROAD	<u>m2</u>	886,450.1	417,835
MOMBASA ROAD JUNCTION			
A SLIP ROAD	m2	7 220 4	
B SLIP ROAD	m2	7,339.6	
C SLIP ROAD	m2	5,829.5	
	m2	8,669.5	
D SLIP ROAD	m2	6,372.3	
E SLIP ROAD F SLIP ROAD	<u>m2</u>	7,455.5	· · · · · · · · · · · · · · · · · · ·
G SLIP ROAD	m2	8,388.9	
U TURN ROAD	m2	7,693.1	
	m2	3,742.0	
INSIDE THE LOOPS	1112	40,300.0	
THUR DATE MONTH A CONT OF INCOME			
UHURU MONUMENT JUNCTION			······································
A SLIP ROAD	<u>m2</u>	5,417.8	
B SLIP ROAD	m2	3,758.5	
C SLIP ROAD	m2	6.874.8	
	<u>m2</u>	5,772.7	
APPROACH ROAD	<u>m2</u>	8,820.0	
NGONG ROAD JUNCTION			·
A SLIP ROAD	<u>m2</u>		11,359.
B SLIP ROAD	<u>m2</u>		9,724.
APPROACH ROAD	<u>m2</u>		13,995.
DAGORETTI FOREST JUNCTION			· · · · · · · · · · · · · · · · · · ·
A SLIP ROAD	<u>m2</u>	9,169.6	
B SLIP ROAD	m2	9,764.4	
APPROACH ROAD	<u>m2</u>	6,504.0	
			· · · · · · · · · · · · · · · · · · ·
THOGOTO JUNCTION			
A SLIP ROAD	m2	10,562.5	
B SLIP ROAD	m2	10,989.1	
APPROACH ROAD	m2	6,925.3	
		· · · · · · · · · · · · · · · · · · ·	······································
KIKUYU TOWN JUNCTION			· · · · · · · · · · · · · · · · · · ·
A SLIP ROAD	<u>m2</u>		· · · · · · · · · · · · · · · · · · ·
B SLIP ROAD	m2	1,418.3	
C SLIP ROAD	<u>m2</u>	5,084.3	
D SLIP ROAD	m2	17,788.2	
E SLIP ROAD	m2	500.0	,
REINHUNCTION	· · ·	· · · · · · · · · · · · · · · · · · ·	
KIKUYU JUNCTION		13,045.0	
A SLIP ROAD B SLIP ROAD	<u>m2</u> m2	2,100.1	
C SLIP ROAD	m2	6,276.5	
	1112	0,270.5	
NATIONAL PARK BOUNDARY DIKE	m2	92,120.0	· · · · · · · · · · · · · · · · · · ·
SPOIL AREA OF BLACK COTTON SOIL	m2	13,500.0	
BESIDE THE ROAD			······································
			· · · · · · · · · · · · · · · · · · ·
DRAINAGE POND	<u>m2</u>	4,225.0	
RAILWAYEMBANKMENT	<u>m2</u>	5,349.6	
TOTAL	m2	1,261,229.3	452,91

#### CLEAR SITE IN OPEN COUNTRY IN FOREST AREA DISTANCE WIDTH **STATION** AVERAGE AREA WIDTH AVERAGE AREA (m) (m) (m2) (m) (m2) (m) 0 + 0.00 22.50 22.50 20.00 20.00 22.50 0.00 0 + 450.00 0.00 40.00 20.00 25.00 23.75 0 + 0.00 475.00 0.0060.00 28.00 0 +20,00 26.50 530.00 0.00 0.00 80.00 20.00 31.00 29.50 0 + 590.00 0.00 0.00 34.00 650.00 100.00 20.00 32,50 0 + 0.00 0.00 0 + 120.00 20.00 36.00 35.00 700.00 0.00 0.00 20.00 0 +140.00 41.00 38.50 770,00 0.00 0.00 20.00 44.00 0 + 160.00 42.50 850,00 0.00 0.00 0 +180.00 20.00 45.50 44.75 895.00 0.00 0.00 200.00 20.00 48.0C 46.75 0 + 935.00 0.00 0.00 201.59 1.59 48.00 48.00 0 +76.22 0.000.00 0 + 201,59 0.00 29.50 38.75 0.00 0.00 0.00 18.41 220.00 32.00 0 + 30.75 566.17 0.00 0.00 4.69 32.00 32.00 0 + 224.69 149.98 0.00 0.00 0.00 224.69 14.50 23.25 0.00 0.00 0.00 0 + 240.00 15.31 28.00 21.25 0.00 0.00 0 + 325,40 20.00 31.00 29.50 590.00 0.00 0.00 0 + 260.00 20.00 33.50 0 + 280.00 32.25 645.00 0.00 0.00 300.00 0 + 20.00 36.00 0.00 34.75 695.00 0.00 7.57 26.00 31.00 0.00 0.00 0 +307.57 234.51 0 + 307.57 0.00 36.00 31.00 0.00 0.00 0.00 318.50 10.94 42,50 39.25 429,20 0.00 0.00 0 + 41.50 40.50 0.00 0 + 320.00 1.50 62.25 0.00 0 + 340.00 20.00 38,50 39,50 790.00 0.00 0.00 42.00 805.00 0.00 0.00 0 + 360.00 20.00 40.25 42,00 0.00 0.00 0+ 368.80 8,80 42.00 369.60 380.00 11.20 0.00 21.00 235.20 0.00 0.00 0 + 0 + 400.00 20.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0 + 420.00 20.00 0.00 0.00 0.00 144.00 0.00 0.00 0 + 426.40 6.40 45.00 22.50 45.00 45.00 612,00 0.00 0.00 0 + 440.00 13.60 0.00 45.25 320.01 0.00 0 + 447.07 7.07 45.50 0.00 0.00 591.46 0 + 12.93 46.00 45.75 460.00 49.00 47.50 950.00 0.00 0.00 0 + 480.00 20.00 52,00 50.50 0.00 0.00 20.00 1010.00 0 + 500.00 0.00 0.00 52.00 835.74 0 + 16.07 52.00 516.07 52.00 0 + 0.00 52.00 0.00 0.00 0.00 516.07 0 + 180.69 0.00 0.00 520.00 3.93 40.00 46.00 743.05 0.00 0.00 0 + 537.59 17.59 44.50 42,25 38.00 0.00 0.00 0.00 0 + 537.59 0.00 31.50 0 + 540,00 2.41 31.50 31.50 76.01 0.00 0.00 0.00 0 + 36.25 725.00 0.00560,00 20.00 41.00 20.00 805.00 0.00 0.00 0 +580.00 39.50 40.25 0 + 600.00 765.00 0.000.00 20.00 37.00 38.25 0.00 0.00 0 + 611.72 11.72 32.00 34.50 404.34 0.00 0.00 0.00 0+ 611.72 37.00 34,50 0,00 0 + 620,00 8.28 45.50 41.25 341.55 0.00 0.00 0 + 640.00 42,00 43.75 875.00 0.00 0.0020.00

## COMPUTATION OF SITE CLEARANCE AREAS

IAIN ROAD		CLEAR SITE								
		IN	OPEN COUNTRY		 I	N FOREST AREA				
STATION	DISTANCE	WIDTH	AVERAGE	ÁREÁ	WIDTH	AVERAGE	AREA			
		(n)	(m)	(m2)	(m)	(m)	(m2)			
0 + 660.00	20.00	42.00	42,00	840.00		0.00	0.0			
0 + 680.00	20.00	38.50	40.25	805.00		0.00	0.0			
0 + 692.08	12.08	38.50	38.50	465.00		0.00	0.0			
0 + 692.08	0.00	45.00	41.75	0.00		0.00	0.0			
0 + 700.00	7.92	45.00	45.00	356.49		0.00	0.0			
0 + 720.00	20.00	36.50	40.75	815.00		0.00	0.0			
0 + 740.00	20.00	42.00	39.25	785.00		0.00	0.0			
0 + 760.00	20.00	40.00	41.00	820.00	·	0.00	0.0			
0 + 780.00	20.00	40.50	40.25	805.00	·····	0.00	0.0			
0 + 800.00	20.00	38.50	39.50	790.00		0.00	<b>0</b> .0			
0 + 820.00	20.00	37.00	37.75	755.00	·····	0.00	0.0			
0 + 840.00	20.00	37.00	37.00	740.00		0.00	0.0			
0 + 860.00	20.00	38.00	37.50	750.00	· · · · · · · · · · · · · · · · · · ·	0.00	<u>0.0</u>			
0 + 880.00	20.00	38.50	38.25	765.00		0.00	0.0			
0 + 900.00	20.00	37.00	37.75	755.00		0.00	0.0			
0 + 920.00	20.00	38.00	37.50	750.00		0.00				
0 + 940.00	20.00	42.00	40.00	800.00	<u> </u>	0.00	0.0			
0 + 944.63	4.63	41.00	41.50	192.02	·	0.00	0.0			
0 + 960.00	15.37	43.50	42.25	649.51		0.00	0.0			
0 + 980.00	20.00	45.00	44.25	885.00	<del></del>	0.00	<u>0,0</u> 0,0			
<u> </u>	20.00	47.00	46.00	920.00		0.00	0.0			
1 + 20.00	20.00	47.00	47.00	<u>940.00</u> 930.00		0.00	0.0			
1 + 40.00	20.00 20.00	46.00	46.50	930.00	<u> </u>	0.00	0.0			
<u>1 + 60.00</u> 1 + 73.20	13.20	43.00	46.50	613.75		0.00	0.0			
$\frac{1+73.20}{1+80.00}$		46.00		319.65		0.00	0.0			
1 + 100.00	20.00	48.00	47.00	940.00		0.00	0,0			
1 + 120.00	20.00	45.00	46.50	930.00		0.00	0.0			
1 + 140.00		46.00	45.50	910.00		0.00	0.0			
1 + 160.00	20.00	46.00	46.00	920.00		0.00	0.0			
1 + 180.00		51.50	48.75	975.00		0.00	0.0			
1 + 200.00		50.50	51.00	1020.00		0.00	0.			
1 + 220.00	20.00	62.00	56.25	1125.00		0.00	0.0			
1 + 240.00	20.00	53.00	57.50	1150.00		0.00	0.			
1 + 260.00		45.50	49.25	985.00		0.00	0.			
1 + 280.00	20.00	46.00	45.75	915.00		0.00	0.			
1 + 300.00		47.00	46.50	930.00		0.00	0.			
1 + 320.00	20.00	47.50	47.25	945.00		0.00	0.			
1 + 340.00		43.00	45.25	905.00	·	0.00	0.			
1 + 360.00	20.00	42.00	42.50	850.00		0.00	0.			
1 + 380.00	20,00	43.50	42.75	855.00		0.00	0			
1 + 400.00	20.00	44.00	43.75	875.00		0.00	0.			
1 + 420.00	20.00	44.00	44.00	880.00		0.00	0			
1_+ 440.00	20.00	43.50	43.75	875:00	· · · · · · · · · · · · · · · · · · ·	0.00	0			
1 + 460.00	20.00	47.00	45.25	905.00	<u>.</u>	0.00	0			
1 + 480.00	20.00	46.00	46.50	930.00	· · · · · · · · · · · · · · · · · · ·	0.00	0			
1 + 500.00		46.00	46.00	920.00	·····	0.00	0			
1 + 520.00		45.50	45.75	915.00		0.00	0			
1 + 525.44	5.44	45.00	45.25	246.30		0.00	0			

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			IN	OPEN COUNTRY		IN FOREST AREA			
STATIC	N	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA	
	- E - E		(m)	(m)	(m2)	(m)	(m)	(m2)	
1 +	540.00	14.56	46.50	45.75	665.98		0.00	0.0	
1+	560.00	20.00	43.50	45.00	900.00	······································	0.00	0.	
1+	580.00	20.00	44.00	43.75	875.00		0.00	0.	
1 +	600.00	20.00	44.00	44.00	880.00	·	0.00	0.	
1 +	620.00	20.00	41.00	42.50	850.00		0.00	0.	
1+	640.00	20.00	42.00	41.50	830.00		0.00	0.	
1+	660.00	20.00	42.00	42.00	840.00	······································	0.00	0.	
1+	680.00	20.00	42.00	42.00	840.00		0.00	0.	
1+	700.00	20.00	42.50	42.25	845.00		0.00	0.	
1 +	720.00	20.00	42.00	42.25	845.00		0.00	0.	
1 +	740.00	20.00	50.00	46.00	920.00		0.00	0.	
1+	760.00	20.00	42.00	46.00	920.00	·····	0.00	0.	
1 +	780.00	20.00	42.50	42.25	845.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.	
1+	800.00	20.00	42.50	42.50	850.00		0.00	0.	
1+	820.00	20.00	42.00	42.25	845.00	<del>نے جب ہے۔ جب</del>	0.00	0	
- 1 +	840.00	20.00	41.50	41.75	835.00		0.00	0.	
1+	860.00	20.00	43.50	42.50	850.00		0.00	0.	
1 +	880.00	20.00	41.00	42.25	845.00		0.00		
 1 +	900.00	20.00	40.50	40.75	815.00		0.00	0.	
1+	920.00	20.00	41.00	40.75	815.00	·····	0.00	0.	
1+	940.00	20.00	41.00	41.00	820.00		0.00	0.	
 l +	960.00	20.00	43.00	42.00	840.00	· .	0.00	0	
1 +	970.24	10.24	42.00	42.50	435.33		0.00	0	
1+	980.00	9.76	41.00	41.50	404.92		0.00	0,	
2+	0.00	20.00	43.50	42.25	845.00	- <u></u>	0.00	0	
2 +	20.00	20.00	44.00	43.75	875.00		0.00	0	
2+	40.00	20.00	40.50	42.25	845.00		0.00	0	
2 +	60.00	20.00	43.50	42.00	840.00		0.00	0	
2 +	80.00	20.00	43.00	43.25	865.00		0.00	0	
2 +	100.00	20.00	41.00	42.00	840.00		0.00	0	
2 +	120.00	20.00	42.00	41.50	830.00	<u> </u>	0.00	0	
2 +	140.00	20.00	40.50	41.25	825.00		0.00	0	
2 +	160.00	20.00	44.00	42.25	845.00		0.00	0	
2 +	180.00	20.00	40.00	42.00	840.00		0.00	0	
2+	200.00	20.00	42.50	41.25	825.00	·	0.00		
2 +	220.00	20.00	42.50	42.50	850.00		0.00	s C	
2 +	240.00	20.00	43.50	43.00	860.00	······································	0.00	0	
2 +	260.00	20.00	42.00	42.75	855.00		0.00	(	
2 +	280.00	20.00	42.00	42.00	840.00		0.00		
2 +	300.00	20.00	40.50	41.25	825.00		0.00	(	
2 +	320.00	20.00	41.50	41.00	820.00		0.00		
2 +	340.00	20.00	40.50	41.00	820.00		0.00	(	
2 +	360.00	20.00	43.00	41.75	835.00	······	0.00	(	
2 +	_380.00	20.00	41.50	42.25	845.00		0.00	(	
2 +	400.00	20.00	43.00	42.25	845.00		0.00		
2 +	420.00	20.00	40.50	41.75	835.00		0,00		
2+	440.00	20.00	40.50	40.50	810.00		0.00	······	
2 +	460.00	20.00	40.50	40.50	810.00		0.00		
2+	480.00	20.00	40.50	40.75	815.00		0.00	(	
4 7	400.001	20.001	41.(0)	40.13	013.001		<u> </u>		

				CLEAR SITE				
OTATION	DISTANCE	NI WIDTH	OPEN COUNTRY			N FOREST AREA		
STATION	DISTANCE		AVERAGE	AREA	WIDTH	AVERAGE	AREA	
		(m)	(m)	(m2)	(m)	(m) ·	(m2)	
2 + _ 500.00	20.00	41.00	41.00	820.00	<u>(III)</u>	0.00		
2 + 520.00	20.00	40.50	40.75	815.00		0.00	•	
2 + 540.00	20.00	40.00	40.25	805.00		0.00		
2 + 560.00	20.00	41.50	40.75	815.00		0.00		
2 + 580.00	20.00	41.00	41.25	825.00	· · ·	0,00		
2 + 600.00	20.00	41.00	41.00	820.00		0.00		
2 + 620.00	20.00	41.00	41.00	820.00		0.00		
2 + 640.00	20.00	41.00	41.00	820.00		0.00	· · · · ·	
2 + 660.00	20.00	40.50	40.75	815.00	<u></u>	0.00		
2 + 680.00	20.00	41.00	40.75	815.00		0.00		
2 + 700.00	20.00	41.00	41.00	820.00		0.00		
2 + 720.00	20.00	41.00	41.00	820.00		0.00		
2 + 727.04	7.03	41.00	41.00	288.43		0.00		
2 + 740.00	12.97	41.00	41.00	531.57		0.00		
2 + 760.00	20.00	41.50	41,25	825.00		0.00		
2 + 780.00	20.00	41.00	41.25	825.00		0.00	··· · · · ·	
2 + 800.00	20.00	41.00	41.00	820.00		0.00		
2 + 820.00	20.00	41.50	41.25	825.00		0.00		
2 + 840.00	20.00	41.50	41.50	830.00		0.00		
2 + 860.00	20.00	41.00	41.25	825.00		0.00		
2 + 880.00	20.00	41.50	41.25	825.00	· · · · · · · · · · · · · · · · · · ·	0.00		
2 + 900.00	20.00	41.00	41.25	825.00		0.00		
2 + 920.00	20.00	41.00	41.00	820.00		0.00		
2 + 940.00	20.00	41.50 42.00	41.25	825.00 835.00	<u></u>	0.00	<u> </u>	
$\frac{2+960.00}{2+980.00}$	<u>20.00</u> 20.00	41.00	41.50	830.00		0.00		
$\frac{2+980.00}{3+0.00}$	20.00	41.00	41.00	820.00	<b></b>	0.00		
3 + 20.00	20.00	41.00	41.00	820,00		0.00		
3 + 40.00	20.00	41.50	41.25	825.00		0.00		
3 + 60.00	20.00	41.50	41.50	830,00		0.00		
3 + 80.00	20.00	42.00	41.75	835.00		0.00		
3 + 100.00	20.00	41.50	41.75	835.00	** **	0.00		
3 + 120.00	20.00	42.00	41.75	835.00	·····	0.00		
3 + 140.00	20.00	41.00	41.50	830.00		0.00		
3 + 160.00	20.00	41.00	41.00	820.00		0.00		
3 + 180.00	20.00	41.50	41,25	825.00	·	0.00		
3 + 200,00	20.00	41.50	41.50	830.00		0.00		
3 + 220.00	20.00	40.50	41.00	820.00		0.00		
3 + 240.00	20.00	40,50	40.50	810.00		0.00		
3 + 260.00	20,00	42.00	41.25	825.00		0.00		
3 + 280.00	20.00	41.50	41.75	835.00		0.00		
3 + 300.00	20.00	41.50	41.50	830.00		0.00		
3 + 320.00	20.00	41.50	41.50	830.00		0.00		
3 + 340.00	20.00	42.00	41.75	835.00		0.00		
3 + 360.00	20.00	41.50	41.75	835.00		0.00		
3 + 380.00	20.00	41.00	41.25	825.00		0.00	<u>.</u>	
3 + 400.00	20.00	40.50	40.75	815.00		0.00	بور معادلتان الم	
3 + 420.00	20.00	41.00	40.75	815.00		0.00		
3 + 440.00	20.00	41.00	41.00	820.00		0.00		

1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -		IN	OPEN COUNTRY	CLEAR SITE	IN FOREST AREA			
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA	
		(m)	(m)	(m2)	(m)	(m)	(m2)	
3 + 460.00	20.00	41.50	41,25	825.00	<u></u>	0.00	0.00	
3 + 480.00	20.00	41.00		825.00		0.00	0.0	
3 + 500.00	20.00	40.00	40.50	810.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.0	
3 + 509.29	9.29	40.00		371.76		0.00	0.0	
3 + 520.00	10.71	41.00	40.50	433.59	······	0.00	0.04	
3 + 540.00	20.00	41.00	41.00	820.00		0.00	0.0	
3 + 560.00	20.00	40.50	40.75	815.00		0.00	0.0	
3 + 580,00	20.00	40.50	40.50	810.00		0.00	0.0	
3 + 600.00	20.00	40.00	40.25	805.00	a alter an Arra	0.00	0.0	
3 + 620.00	20.00	40.50	40.25	805.00		0.00	0.06	
3 + 640.00	20.00	40.50	40.50	810.00		0.00	0.0	
3 + 660.00	20.00	40.50	40.50	810.00		0.00	0.0	
3 + 680.00	20.00	44.00	42.25	845.00		0.00	0.0	
3 + 700.00	20.00	40.50	42.25	845.00		0.00	0.00	
3 + 720.00	20.00	41.50	41.00	820.00	·····	0.00	0.0	
3 + 740.00	20.00	41.00		825.00		0.00	0.0	
3 + 760.00	20.00	41.00	41.00	820.00	······	0.00	0.0	
3 + 780.00	20.00	41.00		820.00		0.00	0.0	
3 + 800.00	20.00	41.00		820.00	·	0.00	0.0	
3 + 820.00	20.00	41.00		820.00		0.00	0.0	
3 + 840.00	20.00	41.00		820.00		0.00	0.0	
3 + 860.00	20.00	40.50		815.00		0.00	0.0	
3 + 880.00	20.00	41.00	1	815.00	·	0.00	0.0	
3 + 900.00	20.00	40.50		815.00	· · · · · · · · · · · · · · · · · · · ·	0.00	0.0	
3 + 920.00	20.00	40.50		810.00	······································	0.00	0.0	
3 + 940.00 3 + 960.00	20.00	40.50	<u> </u>	810.00 820.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.0	
3 + 980.00	20.00	41.30		835.00		0.00	0.0	
4 + 0.00	20.00	42.00		840.00		0.00	0.0	
4 + 20.00	20.00	40.50		825.00		0.00	0.0	
4 + 40.00	20.00	43.00		835.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.0	
4 + 60.00	20,00	42.50		855.00	/	0.00	0.0	
4 + 80.00	20.00	41.00		835.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.0	
4 + 100.00	20.00	41.00		820.00		0.00	0.0	
4 + 120.00	20.00	42.00	1	830.00		0.00	0.0	
4 + 140.00	20.00	41.00	41.50	830.00		0.00	0.0	
4 + 160.00	20.00	40.50	1	815.00		0.00	0.0	
4 + 180.00	20.00	41.50	41.00	820.00		0.00	0.0	
4 + 200.00	20.00	42.50	42.00	840.00		0.00	0.0	
4 + 220.00	20.00	42.00	42.25	845.00		0.00	0.0	
_4 + _240.00	20.00	41,50	41.75	835.00		0.00	0.0	
4 + 260.00	20.00	41.00	41.25	825.00	· ·	0.00	0.0	
4 + 280.00	20.00	41.50	41.25	825.00	·	0.00	0.0	
4 + 300.00	20.00	41.00	41.25	825.00		0.00	0.0	
4 + 320.00	20.00	41.00		820.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.0	
4 + 340.00	20.00	40.50		815.00		0.00	0.0	
4 + 360.00	20.00	40.50		810.00		0.00	0.0	
4 + 380.00	20.00	41.00		815.00		0.00	0.	
4 + 400.00	20,00	41.00	41.00	820.00		0.00	0.0	

STATION <u>4 + 420.00</u> 4 + 440.00	DISTANCE	T	CLEAR SITE IN OPEN COUNTRY IN FOREST AREA									
4 + 420.00	DISTANCE	IN OPEN COUNTRY			IN FOREST AREA							
		WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA					
		(m)	(m)	(m2)	(m)	(m)	(m2)					
	20.00	45.50	43.25	865.00		0.00	(					
· · · · · · · · · · · · · · · · · · ·	20.00	41.00	43.25	865.00	······	0.00	· · ·					
4 + 460.00	20.00	44.50	42.75	855.00	· · · · ·	0.00						
4 + 480.00	20.00	43.00	43.75	875.00		0.00						
4 + 500.00	20.00	41.00	42.00	840.00	·	0.00						
4 + 520.00	20.00	41.00	41.00	820.00		0.00						
4 + 535.22	15.22	40.00	40.50	616.21	·	0.00	· · · · ·					
4 + 540.00	4.78	40.50	40.25	192.60		0.00						
4 + 560.00	20.00	40.50	40.50	810.00	·	0.00						
4 + 580.00	20.00	43.50	42.00	840.00	· · · · · · · · · · · · · · · · · · ·	0.00	· · · · · ·					
4 + 600.00	20.00	41.00	42.25	845.00		0.00						
4 + 620.00	20.00	43.50	42.25	845.00		0.00						
4 + 640.00	20.00	46.50	45.00	900.00		0.00						
4 + 660.00	20.00	50.00	48.25	965.00		0.00	וי 					
4 + 680.00	20.00	49.00	49.50	990.00		0.00						
4 + 700.00	20.00	50.00 44.50	49.50	990.00 945.00		0.00	· · · · · · · ·					
<u>4 + 720.00</u> 4 + 740.00	20.00	43.00	43.75	875.00		0.00						
	20.00	41.50	42.25	845.00	······································	0.00						
<u>4 + 760.00</u> 4 + 780.00	20.00	41.50	41.00	820.00		0.00						
4 + 800.00	20.00	40.50	40.50	810.00		0.00						
4 + 820.00	20.00	41.50	41.00	820.00		0.00						
4 + 840.00	20.00	41.00	41.25	825.00		0.00						
4 + 860,00	20.00	41,50	41.25	825.00		0.00						
4 + 880.00	20.00	41.50	41.50	830.00		0.00						
4 + 900.00	20.00	40.50	41.00	820.00		0.00						
4 + 910.38	10.38	41.50	41.00	425.66		0.00						
4 + 920.00	9.62	41.00	41.25	396.74		0.00	· · · · · · · · · · · · · · · · · · ·					
4 + 940.00	20.00	46.00	43.50	870.00		0.00						
4 + 960.00	20.00	41.50	43.75	875.00		0.00						
4 + 980.00	20.00	42.00	41.75	835.00		0.00						
5 + 0.00	20.00	42.50	42.25	845.00		0.00						
5 + 20.00	20.00	42.50	42.50	850.00	·	0,00						
5 + 40.00	20.00	43.00	42.75	855.00		0.00						
5 + 60.00	20.00	43.00	43.00	860.00		0.00	<u> </u>					
5 + 80.00	20.00	42.00	42.50	850.00		0.00						
5 + 91.26	11.26	41.00	41.50	467.17	·	0.00						
5 + 100.00	8.74	44.00	42.50	371.58		0.00						
5 + 120.00	20.00	41.50		855.00		0.00						
5 + 140.00	20.00	43.00	42.25	845.00	·	0.00						
5 + 160.00	20.00	44.50	43.75	875.00	·	0.00	······					
5 + 180.00	20.00	38.00	41.25	825.00		0.00	·····					
5 + 200.00	20.00	40.00	39.00	780.00		0.00	·····					
5 + 220.00	20.00	40.00	40.00	800.00	······································	0.00						
5 + 240.00	20.00	40.00	40.00	800.00 800.00		0.00	. <u>-</u>					
5 + 260.00	20,00	40.00	40.00	860.00		0.00						
5 + 280.00 5 + 291.00	20.00	46.00 44.50	43.00	497.75		0.00						
5 + 300.00	9.00	44.50	45.23	396.00		0,00						

#### CLEAR SITE IN OPEN COUNTRY IN FOREST AREA DISTANCE WIDTH AVERAGE AREA STATION AREA WIDTH AVERAGE (m) (m) (m2)(m2) (m) (m) 42.00 0.00 320.00 20.00 42.75 0.00 855.00 5 + 20.00 42.00 42.00 0.00 0.00 340.00 840.00 5 + 360.00 20.00 41,50 41.75 835.00 0.00 0.00 5 + 20.00 41.50 41.50 0.00 380.00 830.00 0.00 5 + 400.00 20.00 41.50 41.50 830.00 0.00 0.00 5 + 0.00 420,00 20.00 42.00 41.75 835.00 0,00 5 + 440.00 20.00 42.00 42.00 840.00 0.00 0.00 5 + 41.75 0.00 20.00 41.50 0.00 5 + 460,00 835.00 20.00 41.00 825.00 0.00 5 + 480.00 41.25 0.00 500.00 20.00 42.00 41.50 830.00 0.00 0.00 5 + 520.00 20.00 41.50 41.75 835.00 0.00 0.00 5 + 42.50 43.50 0.00 5 + 540.00 20.00 850.00 0.00 5 + 560.00 20.00 45.00 44.25 885.00 0.00 0.00 580.00 20.00 44.00 44,50 890.00 0.00 0.00 5 + 46.00 0.00 5 + 600.00 20.00 45.00 900.00 0.000.00 46.50 46.25 17,78 822.19 0.00 5 + 617.78 0.00 0.00 620.00 2.22 45.50 46.00 102.26 5 + 20.00 45.50 45.50 910.00 0.00 0.00 640.00 5 + 45.50 910.00 0.00 0.00 20.00 45.50 5 + 660.00 0.00 680.00 20.00 46.00 45.75 915.00 0.00 5 + 0.00 0.00 700.00 20.00 45.50 45.75 915.00 5 ÷ 0.00 0.00 720.00 20.00 39.00 42.25 845.00 5 + 45.50 0.00 0.00 20,00 42.25 845.00 740.00 5 + 40<u>.50</u> 0.00 0.00 760.00 20,00 43.00 860.00 5 + 830.00 0.00 0.00 780.00 20.00 42.50 43.50 5 + 20.00 0.00 0.00 43.50 43.00 860.00 5 + 800.00 0.00 817.00 17.00 43.50 43.50 739.50 0.00 5 + 0.00 3.00 130.50 0.00 5 + 820.00 43.50 43.50 0.00 0.00 20.00 44.50 44.00 880.00 5 + 840.00 0.00 0.00 860.00 20,00 45.00 44.75 895.00 5 + 0.00 0.00 895.00 5 + 880.00 20.00 44.50 44.75 0.00 0.00 44.25 885.00 5 + 900.00 20.00 44,00 890.00 0.00 0.00 920.00 20.00 45,00 44.50 5 + 0.00 0.00 900.00 45.00 45.00 5 + 940.00 20.00 885.00 0.00 0.00 5 + 20.00 43,50 44.25 960.00 0.00 0.00 980.00 43.00 43.25 865.00 5 + 20.00 0.00 0.00 43.00 860.00 6 + 0.00 20.00 43.00 0.00 0.00 78.75 42.25 1.86 1.86 41.50 6 + 6 + 766.25 0.00 0.00 20.00 43.00 42.25 18.14 0.00 40.00 20.00 41.50 42.25 845.00 0.006 + 0.00 0.00 885.00 60.00 44.25 6 + 20.00 47.00 0.00 0.00 925.00 46,25 6 + 80.00 20.00 45.50 100.00 46,00 920.00 0.00 0.00 6+ 20.00 46.50 0.00 0.00 42.75 855.00 6 + 120.00 20.00 39,00 38.00 0.00 760.00 0.00 140.00 20.00 6 + 37.00 35.00 700.00 0.00 0.00 160.00 33.00 6 + 20.00 0,00 0.00 6 + 180.00 20,00 31.50 32.25 645.00 713.50 0.00 0.00 200.00 20.00 35,68 6 + 39.85 816.50 0.00 0.00 6 + 220.00 20.00 40.83 41.80

## COMPUTATION OF SITE CLEARANCE AREAS

AAIN ROAD				CLEAR SITE			
	. [	IN	OPEN COUNTRY			IN FOREST AREA	
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
		(m)	(m)	(m2)	(m)	(m)	(m2)
6 + 240.00	20.00	42.10	41.95	839.00		0.00	
6 + 260.00	20.00	43.30	42.70	854.00		0.00	۰ 
6 + 280.00	20.00	47.40	45,35	907.00		0.00	
6 + 300.00	20.00	40.40	43.90	878.00		0.00	
6 + 320.00	20.00	41.50	40.95	819.00		0.00	
6 + 340.00	20.00	42.55	42.03	840.50		0.00	
6 + 360.00	20.00	43.60	43.08	861.50		0.00	
6 + 379.18	19.18	45.75	44.68	856.69		0.00	
6 + 380.00	0.82	46.05	45.90	37.82	·	0.00	
6 + 400.00	20.00	48.50	47.28	945.50	<u> </u>	0.00	<u></u>
6 + 420.00	20.00	51.25	49.88	997.50	·····	0.00	
6 + 429.96	9.96	47.55	<u>49.40</u> 43.58	491.88		0.00	
<u>6 + 429.96</u> 6 + 440.00	0.00	<u>39.60</u> 39.60	43.58	0.00		0.00	
<u>6 + 440.00</u> 6 + 460.00	20.00	41.50	40.55	811.00		0.00	
6 + 462.69	2.69	41.50	41.50	111.68		0.00	
6 + 462.69	0.00	34.50	38.00	0.00	· · · · ·	0.00	
6 + 480.00	17.31	27.80	31.15	539.18		0.00	
6 + 500.00	20.00	28.60	28.20	564.00		0.00	
6 + 520.00	20.00	31.50		601.00		0.00	
6 + 540.00	20.00	32.70	32.10	642.00		0.00	
6 ÷ 560.00	20.00	35.50	34.10	682.00		0.00	
6 + 580.00	20.00	37.00	36.25	725.00	<u> </u>	0.00	
6 + 600.00	20.00	40.70	38.85	777.00	······	0.00	
6 + 620.00	20.00	44.30	42.50	850.00		0.00	
6 + 640.00	20.00	46.40	45.35	907.00		0.00	
6 + 660.00	20.00	- 47.10	46.75	935.00	·	0.00	,
6 + 675.89	15.89	34.60	40.85	649.11	······································	0.00	·····
6 + 680.00	4.11		17.30	71.10		0.00	
6 + 700.00	20.00		0.00	0.00		0.00	· · ·
6 + 714.49	14.49	44.50	22.25	322.40		0.00	
6 + 720,00	5.51	44.50	44.50	245.20		0.00	
<u>6 + 740.00</u>	20.00	44.50	44.50	890.00		0.00	
<u>6 + 760.00</u>	20.00	43.50	44.00	<u>880.00</u> 855.00		0.00	
6 + 780.00	20.00	42.00	42.75 40.75	815.00		0.00	
<u>6 + 800.00</u> <u>6 + 820.00</u>	20.00	37.00	38.25	765.00	· · ·	0.00	
<u>6 + 820.00</u> <u>6 + 840.00</u>	20.00	37.00	38.00	760.00		0.00	
<u>6 + 840.00</u>	20.00	39.00	35.65	713.00		0.00	
6 + 880.00	20.00	29.30	30.80	616.00	· · · · · · · · · · · · · · · · · · ·	0.00	
6 + 900.00	20.00	26.40	27.85	557.00		0.00	
6 + 920.00	20.00	23.80	25.10	502.00	· · · · · · · · · · · · · · · · · · ·	0.00	
6 + 940.00	20.00	24.00	23.90	478.00		0.00	
6 + 960.00		23.00	23.50	470.00		0.00	
6 + 980.00		61.50	42.25	845.00		0.00	
<u>7</u> + 0.00	20.00	64.00	62.75	1255.00	······································	0.00	
7 + 20.00	20.00	68.00	66.00	1320.00	·····	0.00	
7 + 28.44	8.44	66.50	67.25	567.46	·	0.00	
7 + 40.00		64.00	65.25	754.42		0.00	

MAIN ROAD

		IN	OPEN COUNTRY			IN FOREST AREA	
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
		<u>(m)</u>	(m)	(m2)	(m)	<u>(m)</u>	(m2)
7 + 60.00	20.00	60.00	62.00	1240.00		0.00	0
7 + 80.00	20.00	60.00	60.00	1200.00		0.00	0
7 + 100.00	20.00	60.00	60.00	1200.00		0.00	0
7 + 120.00	20.00	60.00		1200.00		0.00	0
7 + 140.00	20.00	60,00	60.00	1200.00		0.00	0
7 + 160.00	20.00	60.00	60.00	1200.00		0.00	0
7 + 180.00	20.00	60.00	60.00	1200.00	·····	0.00	0
7 + 200.00	20.00	60.00	60.00	1200.00	<u> </u>	0.00	Ú
7 + 220.00	20.00	60.00	60.00	1200.00		0.00	0
7 + 240.00	20.00	60.00	60.00	1200.00		0.00	0
7 + 260.00	20.00	60.00	60.00	1200.00		0.00	0
7 + 280.00	20.00	60.00	60.00	1200.00		0.00	0
7 + 300.00	20,00	60.00	60.00	1200.00		0.00	0
7 + 320.00	20.00	60.00	60.00	1200.00		0.00	0
7 + 340.00	20.00	60.00	60.00	1200.00	·····	0.00	0
7 + 360.00	20.00	33.00	46.50	930.00		0.00	0
7 + 380.00	20.00	34.30	33.65	673.00	<u></u>	0.00	0
7 + 400.00	20.00	35.00	34.65	693.00	·. · · · · · · · · · · · · · · · · · ·	0.00	
7 + 420.00	20.00	35.60	35.30	706.00		0.00	0
7 + 440.00	20.00	35.50	35.55	711.00		0.00	0
7 + 450.00	10.00	34.60	35.05	350.50	······································	0.00	0
7 + 460.00	10.00	33,55	34.08	340.75	·	0.00	0
7 + 480.00	20.00	33,15	33.35	667.00		0.00	0
7 + 500.00	20.00	31.50	32.33	646.50		0.00	(
7 + 520.00	20.00	31.20	31.35	627.00	······	0.00	0
7 + 540.00	20.00	31.85	31.53	630.50	<u> </u>	0.00	(
7 + 560.00	20.00	31.70	7	<u>635.50</u> 634.50	·	0.00	(
7 + 580.00	20.00	31,75				0.00	
7 + 600.00	20.00	31.10		628.50		0.00	(
7 + 600.11 7 + 620.00	0.11	31.80		3.37		0.00	(
	19.89	30.75	31.28	622.15		0.00	(
<u>7 + 640.00</u> 7 + 660.00	20.00	<u>31.05</u> 32.80	<u> </u>	638.50		0.00	<u> </u>
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		33.90	31.95	667.00	77 <u>_</u> 7	0.00	(
<u>7 + 680.00</u> <u>7 + 700.00</u>	<u>20.00</u> 20.00	33.90	35.35	727.00		0.00	
7 + 720.00	20.00	38.10	38.45	727.00		0.00	· · · ·
7 + 740.00	20.00	35.50	36.80	736.00	· · · · · · · · · · · · · · · · · · ·	0.00	
7 + 760.00	20.00	<u>33.30</u> 34.40	34.95	699.00		0.00	(
7 + 780.00	20.00	33.35	33.88	677.50		0.00	
7 + 800.00	20.00	34,23	33.79	675.80	<u> </u>	0.00	······
7 + 820.00	20.00	33.75		679.80		0.00	
7 + 840.00	20.00	34.70		684.50	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	0.00	
7 + 860.00	20.00	33,90		686.00		0.00	
7 + 880.00	20.00	39,45		733.50		0.00	
7 + 900.00	20.00	39,43		793.50		0.00	
7 + 920.00	20.00	41.15		810.50		0.00	
	20.00	41.13		815.50		0.00	
<u>7 + 940.00</u> <u>7 + 960.00</u>	20.00	40.40		808.00		0.00	
7 + 980.00	20,00	40.40	40.40	817.50	<u></u>	0.00	

CLEAR SITE IN OPEN COUNTRY IN FOREST AREA WIDTH DISTANCE AVERAGE STATION AREA WIDTH AVERAGE AREA <u>(m</u>) (m)(m2) (m2)(m)(m)41.55 0.00 20.00 41.75 831.00 0.00 0.00 8 + 20.00 20.00 44.55 43.15 863.00 0.00 8 + 0.00 41.35 42.95 8 + 40.00 20.00 859.00 0.00 0.00 60.00 20.00 46.80 44.08 881.50 0.00 8 + 0.00 20.00 44.30 45.55 8 + 80.00 911.00 0.00 0.00 8 + 100.00 20.00 44.10 44,20 884.00 0.000.00 43.25 120.00 20.00 42.40 865.00 8 + 0.00 0.00 43.40 20.00 42.90 8 + 140.00 858.00 0.00 0.00 13.51 35.60 39.50 8 + 153.51 533.45 0.00 0.00 35.60 35.60 160.00 6.49 231.22 0.00 0.00 8 + 41.70 180.00 20.00 38.65 773.00 0.00 0.00 8 + 200.00 20.00 43.90 42.80 856.00 0.00 8 + 0.00 220.00 20.00 40.80 42,35 0.00 8+ 847.00 0.00 20.00 35.30 38.05 761.00 0.00 0.00 8 + 240.00 8 + 260.00 20.00 42.65 38.98 779.50 0.00 0.00 8 + 280.00 20.00 46.10 44.38 887.50 0.00 0.00 300.00 20.00 43.90 45.00 900.00 0.00 0.00 8 + 8 + 303.51 3.51 43.65 43.78 153.43 0.00 0.00 0.00 8 + 320.00 16.50 42.20 42.93 708.05 0.00 340.00 20.00 39.90 41.05 821.00 0.00 0.00 8 + 39.83 738.51 0.00 0.00 8 + 358.54 18.54 39.75 360.00 40.25 40.00 0.00 0.00 8 ÷ 1.46 58.24 8 + 380.00 20.00 40.80 40.53 810.50 0.00 0.00 20.00 39.30 40.05 801.00 0.00 0.00 8 + 400.00 817.00 0.00 0.00 8 + 420.00 20.00 42.40 40.85 0.00 0.00 8 + 440.00 20.00 38.00 40.20 804.00 460.00 20.00 42.40 40.20 804.00 0.00 0.00 8 + 46.93 938.50 0.00 0.00 8 + 480.00 20.00 51.45 903.50 0.00 0.00 8 + 500.00 20.00 38.90 45.18 732.00 0.00 0.00 8 + 520.00 20.00 34.30 36.60 8 + 540.00 20.00 33.90 34.10 682.00 0.00 0.00 20.00 38.30 722.00 0.00 0.00 8 + 560.00 36.10 0.00 0.00 20.00 40.05 801.00 8 + 580.00 41.80 8 + 600.00 20.00 45.80 43.80 876.00 0.00 0.00 385.76 0.00 0.00 8 + 608.54 8.54 44.50 45.15 0.00 0.00 516.09 8 + 620.00 11.46 45.60 45.05 924.00 0.00 0.00 8 + 640.00 20.00 46.80 46.20 0.00 942.00 0,00 8 + 47.10 660.00 20.00 47.40 8 + 48.70 974.00 0.00 0.00 680.00 50.00 20.00 0.00 8 + 700.00 20.00 51.50 50.75 1015.00 0.00 0.00 0.00 977.00 8 + 720.00 20.00 46.20 48.85 0.00 899.00 0.00 8 + 740.00 43.70 44.95 20.00 8 + 760.00 38.60 41.15 823.00 0.00 0.00 20.00 0.00 0.00 8 + 780.00 763.00 20.00 37.70 38.15 794.00 0,00 0,00 8 + 800,00 39.70 20.00 41.70 820.00 40.90 818.00 0.00 0.00 8 + 20.00 40.10 0.00 8 + 840.00 20.00 37.80 38.95 779.00 0.00 8 + 0.00 860.00 37.00 37.40 748.00 0.00 20.00 0.00 875.64 45.00 703.71 0.00 8 + 53.00 15.64

52

# CLEAR SITE IN OPEN COUNTRY IN FOREST AREA STATION DISTANCE WIDTH AVERAGE AREA WIDTH AVERAGE (m) (m) (m2) (m) (m) 8 + 880.00 4.36 \$6.00 \$4.50 2227.72 0.000

AREA

. jes	1	and the second	· (m) · ·	(m)	(m2)	(m)	(m)	(m2)
	8 + 880.00	4.36	56.00	54.50	237.73	·	0.00	0.00
1 - T	8 + 900.00	20.00	51.00	53.50	1070.00		0.00	0.00
[	8 + 920.00	20.00	54.00	52.50	1050.00		0.00	0.00
Ĩ	8 + 940.00	20.00	49.00	51.50	1030.00		0.00	0.00
- [	8 + 960.00	20.00	44.00	46.50	930.00		0.00	0.00
[	8 + 980.00	20.00	44.00	44.00	880.00		0.00	0.00
	9 + 0.00	20.00	44.00	44.00	880.00		0.00	0.00
	9 + 20.00	20.00	46.00	45.00	900.00		0.00	0.00
	9 + 40.00	20.00	37.00	41.50	830.00		0.00	0.00
	9 + 60.00	20.00	48.80	42.90	858.00		0.00	0.00
	9 + 80.00	20.00	37.80	43.30	866.00		0.00	0.00
l	9 + 100.00	20.00	41.50	39.65	793.00		0.00	0.00
	9 + 120.00	20.00	56.80	49.15	983.00		0.00	0.00
	9 + 125.64	5.64	57.40	57.10	321.93		0.00	0.00
	9 + 140.00	14.36	53.80	55.60	798.53		0.00	0.00
	9 + 160.00	20.00	46.50	50.15	1003.00		0.00	0.00
·	9 + 180.00	20.00	40.30	43.40	868.00		0.00	0.00
	9 + 200.00	20.00	42.80	41.55	831.00		0.00	0.00
Ļ	9 + 220.00	20.00	43.40	43.10	862.00	<u> </u>	0.00	0.00
:  .	9 + 240.00	20.00	43.90	43.65	873.00		0.00	0.00
ŀ	9 + 260.00	20.00		43.45	869.00		0.00	0.00
-	9 + 275.64	15.64		41.45	648.20		0.00	0.00
}	9 + 280.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		39.60		1	0.00	0.00
ŀ	9 + 300.00	20.00		39.80	796.00		0.00	0.00
-	9 + 320.00	20.00		41.58	831.50	1	0.00	0.00
	9 + 340.00	20.00	· · · · · · · · · · · · · · · · · · ·				0.00	0.00
. }	9 + 360.00	20.00			<u> </u>	1	0.00	0.00
	9 + 380.00			42.53	850.50	1	0.00	0.00
- 1. F	9 + 400.00						0.00	0.00
F	9 + 420.00	20.00					0.00	0.00
	9 + 440.00				<b></b>		0.00	
	9 + 460.00						0.00	0.00
ŀ	9 + 480.00		T				0.00	
.  -	9 + 500.00					1	0.00	0.00
⊦	9 + 520.00			······································		1	0.00	
┣	9 + 540.00	the second second second second				1	0.00	0.00
	9 + 560.00	and a second second second second				1 ·····	0.00	1
.  -	9 + 580.00				1	τ	0.00	1
ŀ	<u>9 + 600.00</u> <u>9 + 620.00</u>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1			· · · · · · · · · · · · · · · · · · ·	0.00	
· . F					· · · · · · · · · · · · · · · · · · ·	1	0.00	
	<u>9 + 640.00</u> 9 + 660.00			······································			0.00	
	<u>9 + 680.00</u> 9 + 680.00	· · · · · ·				1	0.00	1
-	<u>9 + 680.00</u> 9 + 700.00		1		<u> </u>		0.00	
ł	9 + 720.00		1			T	0.00	r
: F	<u>9 + 720,00</u> 9 + 740,00			1			0.00	
	9 + 760.00						0.00	1
F	<u>9 + 780.00</u>		1			1	0.00	1
	<u>9 + 783.60</u>		1	······································			0.00	

#### MAIN ROAD

	Γ	· · · · · · ·	N OPEN COUNTRY	CLEAR SITE		N FOREST AREA	
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
							6. 555
		(m)	(m)	(m2)	(m)	<u>(m)</u>	(m2)
9 + 800.00	16.40		22.70	372.19	52.50	26.25	430
9 + 820.00	20.00	*****	0.00	0.00	49.20	50.85	1017
9 + 840.00	20.00		0.00	0.00	47.80	48.50	970
9 + 860.00	20.00		0.00	0.00	58.90	53.35	1067
9 + 880.00	20.00	·	0.00	0.00	60.00	59.45	1189
9 + 900.00	20.00		0.00	0.00	60.00	60.00	1200
9 + 920.00	20.00		0.00	0.00	60.00	60.00	1200
9 + 940.00	20.00		0.00	0.00	60.00	60.00	1200.
9 + 960.00	20.00		0.00	0.00	60.00	60.00	1200.
9 + 980.00	20.00		0.00	0.00	60.00	60.00	1200.
10 + 0.00	20.00		0.00	0.00	60.00	60.00	1200.
10 + 20.00	20.00		0.00	0.00	60.00	60.00	1200.
10 + 40.00	20.00		0.00	0.00	60.00	60.00	1200.
10 + 60.00	20.00	<u></u>	0.00	0.00	60.00	60.00	1200
10 + 80.00	20.00		0.00	0.00	60.00	60.00	1200
10 + 83.60	3.60		0.00	0.00	60.00	60.00	216
10 + 100.00	16.40		0.00	0.00	60.00	60.00	983.
10 + 120.00	20.00		0.00	0.00	60.00	60.00	1200.
10 + 140.00	20.00		0.00	0.00	60.00	60.00	1200
10 + 160.00	20.00		0.00	0.00	60.00	60.00	1200
10 + 180.00	20.00		0.00	0.00	60.00		1200
10 + 200.00	20.00		0.00	0.00	60.00	60.00	1200
10 + 220,00	20.00		0.00	0,00	60.00		1200
10 + 240.00	20.00		0.00	0.00	50.00		1200
10 + 260.00	20.00		0.00	0.00	60.00		985
10 + 280.00	20.00		0.00	0.00	38.50		
10 + 300.00	20.00	<u></u>	0.00	0.00	38.50		770
10 + 320.00			0.00	0.00	38.80		<u>773</u> 781
10 + 340.00			0.00			1	781
10 + 360,00	20.00		0.00	0.00			
10 + 380.00	20.00		0.00	0.00	40,40		<u>805</u> 812
10 + 400.00			0.00	0.00	40.80	T	
10 + 415.89		· · · · · · · · · · · · · · · · · · ·	0.00	0.00	41.60	1	654
10 + 420.00			0.00	0.00	<u> </u>	<u> </u>	<u>171</u> 843
10 + 440.00		<u></u>	0.00	0.00	42.50	1	851
10 + 460.00		<u> </u>	0.00	0.00	42.60		852
10 + 480.00		<u></u>		0.00	42.30		849
10 + 500.00			0.00	0.00	42.30		845
10 + 520.00	20.00			0.00	40.30		820
10 + 540.00			0.00	0.00	40,30		793
10 + 560,00			0.00	0.00			228
10 + 565.89	5.89			1	38.20		542
10 + 580.00	14.11		0.00	0.00			
10 + 600.00	20.00		0.00	0.00	39.60		77
10 + 620.00	20.00		0.00	0.00	37.50	1	77
10 + 640.00	20.00		0.00	0.00	37.80		75
10 + 660.00		- • •	0.00	0.00	<u>38.30</u> 38.90		76
<u>10 + 680.00</u> 10 + 700.00	20.00		0.00	0.00	40.20	1	772

	na in the second particular			CLEAR SITE			
·		IN OPEN COUNTRY			IN	FOREST AREA	
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
		(m)	<u>(m)</u>	(m2)	(m)	<u>(m)</u>	(m2)
10 + 715,89	15.89		0.00	0.00	41.40	40.80	64
10 + 720.00	4.11		0.00	0.00	41.80	41.60	17
10 + 740.00	20.00		0.00	0.00	43.60	42.70	85
10 + 760.00	20.00		0.00	0.00	45.60	44.60	. 89
10 + 780.00	20.00		0.00	0.00	47.30	46.45	92
10 + 800.00	20.00		0.00	0.00	49.50	48.40	96
10 + 820.00	20.00		0.00	0.00	50.40	49.95	99
10 + 840.00	20.00		0.00	0.00	53.30	51.85	103
10 + 860.00	20.00		0.00	0.00	52.20	52.75	105
10 + 880.00 10 + 900.00	20.00		0.00	0.00	49.50 47.20	<u>50.85</u> 48.35	<u>101</u> 96
10 + 920.00	20.00	·····	0.00	0.00	47.20	46.10	92
10 + 940.00	20.00		0.00	0.00	43.00	43.95	87
10 + 960.00	20.00		0.00	0.00	40.00	41.45	82
10 + 963.12	3.12		0.00	0.00	39.90	39.95	12
10 + 980.00	16.88		0.00	0.00	37.70	38.80	65
11 + 0.00	20.00		0.00	0.00	38.00	37.85	75
11 + 20.00	20.00		0.00	0.00	38.00	38.00	76
11 + 40.00	20.00		0.00	0.00	38.00	38.00	76
11 + 60.00	20.00	1.1	0.00	0.00	39.00	38.50	77
11 + 80.00	20.00		0.00	0.00	38.50	38,75	
11 + 100.00	20.00		0.00	0.00	40.50	39.50	79
11 + 113.12	13.12		0.00	0.00	38.00	39.25	51
11 + 120.00	6.88	· · · · · · · · · · · · · · · · · · ·	0.00	0.00	37.50	37.75	25
11 + 140.00	20.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.00	37.90	37.70	75
11 + 160.00	20.00	<del></del>	0.00	0.00	39.30	38.60	77
11 + 180.00	20.00	1997) 	0.00	0.00	39.80	39.55	79
<u>11 + 200.00</u>	20.00		0.00	0.00	41.90	40.85	81
11 + 220.00	20.00	<u></u>	0.00	0.00	34.60	38.25	76
11 + 240.00	20.00		0.00	0.00	36.00	35.30	70
11 + 260.00	20.00	<u></u>	0.00	0.00	36.70	<u>36.35</u> 36.30	<u>72</u> 11
11 + 263.12	3.12		0.00	0.00	<u>35.90</u> 42.60	39.25	66
<u>11 + 280.00</u> 11 + 300.00	<u>16.88</u> 20.00		0.00	0.00	42.40	42.50	85
11 + 320.00	20.00	·	0.00	0.00	40.40	41.40	
11 + 340.00	20.00		0.00	0.00	38.00	39.20	71
11 + 360.00	20.00		0.00	0.00	39.90	38.95	7
11 + 380.00	20.00		0.00	0.00	40.00	39.95	75
11 + 400.00	20.00		0.00	0.00	39.50	39.75	7
11 + 420.00	20.00		0.00	0.00	42,20	40.85	8
11 + 422.94	2,94	•	0.00	0.00	44.00	43.10	1
11 + 440.00	17.06		0.00	0.00	44.00	44.00	7
11 + 460.00	20.00		0.00	0.00	43.00	43.50	8
11 + 480.00	20.00		0.00	0.00	43.00	43.00	8
11 + 500.00	20.00		0.00	0.00	40.00	41.50	
11 + 520.00	20.00		0,00	0.00	42,00	41,00	8
11 + 540.00	20.00	· .	0.00	0.00	41.00	41.50	
11 + 560.00	20.00		0.00	0.00	40.00	40.50	8
11 + 572,94	12.94		0.00	0.00	40.00	40.00	5

n Alfred an Alfred				CLEAR SITE			، د المحکم ک <sup>ر مر</sup> د محمد محمد ال ور مرد ب	
		1	N OPEN COUNTRY		IN FOREST AREA			
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA	
		(m)	(m)	(m2)	(m)	(m)	<u>(m2)</u>	
11 + 580.	00 7.06		0.00	0.00	40.00	40.00	282.4	
11 + 600.	00 20.00		0.00	0.00	39.00	39.50	790.0	
11 + 620.	20.00		0.00	0.00	39.00	39.00	780.0	
11 + 640.	00 20.00		0.00	0.00	39.00	39.00	780.0	
11 + 660.	20.00		0.00	0.00	39.40	39.20	784.0	
11 + 680.			0.00	0.00	38.50	38.95	779.0	
<u>11 + 700.</u>			0.00	0.00	39.30	38.90	778.0	
<u>11 + 720.</u>			0.00	0.00	39.80	39.55	791.0	
11 + 740.			0.00	0.00		39.80	796.0	
11 + 760.			0.00	0.00	39.40	39.60	792.0	
<u>11 + 780.</u>		······································	0.00	0.00	38.10	38.75	775.0	
<u>11 + 800.</u>			0.00	0.00	38.00	38.05	761.0	
<u>11 + 820.</u>		<u>en en e</u>	0.00	0.00	36.00	37.00	740.0	
<u>11 + 840.</u>			0.00	0.00	36.00	36.00	720.0	
<u>11 + 860.</u>		······································	0.00	0.00	35.50	35.75	715.0	
11 + 880.			0.00	0.00	35.00	35.25	705.0	
<u>11 + 900.</u>			0.00	0.00	34.00	34.50	690.0	
<u>11 + 920.</u>		<u>.</u>	0.00	0.00	34.00	34.00	680.0	
<u>11 + 940.</u>			0.00	0.00	33.00	33.50	670.0	
<u>11 + 960.</u>	1		0.00	0.00	32.50	32.75	655.0	
<u>11 + 980.</u>			0.00	0.00	<u>33.00</u> 33.50	32.75	<u>655.0</u> 665.0	
	00 20.00 00 20.00		0.00	0.00	33.00	33.25	665.0	
<u>12 + 20.</u> 12 + 40.		<u></u>	0.00	0.00	33.00	33.00	660.0	
12 + 40. 12 + 60.			0.00	0.00	33.00	33.00	660.0	
12 + 80.		<u></u>	0.00	0.00	35.00	34.00	680.0	
12 + 100.			0.00	0.00	37.00	36.00	720.0	
12 + 120		<u></u>	0.00	0.00	38.00	37.50	750.0	
12 + 140			0.00	0.00	39.00	38.50	770.0	
12 + 160			0.00	0.00	39.50	39.25	785.0	
12 + 180		·····	0.00	0.00	39.00	39.25	785.0	
12 + 200			0.00	0.00	39.00	39.00	780.0	
12 + 220		····	0.00	0.00	38.80	38.90	778.0	
12 + 240	00 20.00		0.00	0.00	38.20	38.50	770.(	
12 + 260	00 20.00	·	0.00	0.00	37.30	37.75	755.0	
12 + 280	00 20.00		0.00	0.00	37.40	37.35	747.(	
12 + 300	00 20.00		0.00	0.00	35.60	36.50	730.(	
12 + 320	00 20.00		0.00	0.00	34.80	35.20	704.0	
12 + 340	00 20.00		0.00	0.00	37.00	35.90	718.	
12 + 360	00 20.00		0.00	0.00	35.60	36.30	726.	
12 + 380	20.00	·	0.00	0.00	36.10	35.85	717.	
12 + 400	00 20.00		0.00	0.00	41.40	38.75	775.	
12 + 420	00 20.00		0.00	. 0.00	38.30	39.85	797.	
12 + 440	00 20.00		0.00	0.00	34.30	36.30	726.	
12 + 460	00 20.00		0.00	0.00	33.50	33.90	678.	
12 + 480	00 20.00		0.00	0.00	34.70	34.10	682.	
12 + 500	00 20.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.00	34.00	34.35	687.	
12 + 520	00 20.00		0.00	0.00	33.70	33.85	677.	
12 + 540	00 20.00		0.00	0.00	33.90	33.80	676	

s ef

### MAIN ROAD

				CLEAR SITE		·	· · · · · · · · · · · · · · · · · · ·
		11	OPEN COUNTRY		<u></u> 1N	FOREST AREA	
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
		<u>(m)</u>	. (m)	(m2)	(m)	(m)	(m2)
12 + 555.22	15.22		0.00	0,00	33.90	33.90	515.8
12 + 560,00	4.78		0.00	0.00	33.50	33,70	161.1
12 + 580.00	20.00		0.00	0.00	20.00	26.75	535.0
12 + 600.00	20.00		0.00	0.00	33.40	26.70	534.0
12 + 620.00	20.00		0.00	0.00	33.50	33.45	669,0
12 + 640.00	20.00		0.00	0.00	34.00	33,75	675.0
12 + 660.00	20.00		0.00	0.00	34.90	34.45	689.0
12 + 680.00	20.00		0.00	0.00	35.90	35,40	708.0
12 + 700.00	20.00		0.00	0.00	36.30	36.10	722.0
12 + 705.27	5.27		0.00	0.00	36.20	36.25	191.1
12 + 720.00	14.73		0.00	0.00	37.10	36.65	539,7
12 + 740.00	20.00		0.00	0.00	37.40	37.25	745.0
12 + 760.00	20.00		0.00	0.00	36.50	36.95	739.0
12 + 780.00	20.00		0.00	0.00	38.50	37.50	750.0
12 + 800.00	20.00		0.00	0.00	37.50	38.00	760.0
12 + 820.00	20.00	an a	0.00	0.00	37.50	37.50	750.0
12 + 840.00	20.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.00	34.50	.36,00	720.0
12 + 860.00	20.00		0.00	0.00	34.50	34.50	690.0
12 + 880.00	20.00		0.00	0.00	37.00	35.75	715.0
12 + 896.30	16.30		0.00	0.00	38.00	37.50	611.1
12 + 900.00	3.70		0.00	0.00	37.00	37.50	138,8
12 + 920.00	20.00	<u> </u>	0.00	0.00	37.90	37.45	749.0
12 + 940.00	20.00		0.00	0.00	38.70	38.30	766.0
12 + 960.00	20.00		0.00	0.00	38.60	38.65	773.0
12 + 980.00	20.00		0.00	0.00	41.20	39.90	798.0
13 + 0.00	20.00		0.00	0.00	36.00	38.60	772.0
13 + 20.00	20.00		0.00	0.00	33.50	34.75	695.0
13 + 40.00	20.00		0.00	0.00	32.00	32.75	655.0
13 + 46.30	6.30		0.00	0.00	32.00	32.00	201.5
13 + 60.00	13.70		0.00	0.00	34.00	33.00	452.1
13 + 80.00	20.00		0.00	0.00	36.75	35.38	707.5
13 + 100.00	20.00		0.00	0.00	36.75	36.75	735.0
13 + 120.00	20.00		0.00	0.00	36.70	36.73	734.5
13 + 140.00	20.00		0.00	0.00	37.00	36.85	737.0
13 + 160.00	20.00		0.00	0.00	37.15	37.08	741.5
13 + 180.00	20.00		0.00	0.00	37.80	37.48	749.
13 + 200.00	20.00		0.00	0.00	38.00	37.90	758.0
13 + 220.00	1		0.00	0.00	37.85	37.93	758.
13 + 240.00	20.00		0.00	0.00	38.25	38.05	761.0
13 + 260.00	1		0.00	0.00	38.30	38.28	765.
13 + 280.00	TT		0.00	0.00	38.00	38.15	763.
13 + 300.00	T		0.00	0.00	38.30	38.15	763.
13 + 320,00			0.00	0.00	39,90	39.10	782.
13 + 340.00			0.00	0.00	41.00	40.45	809.
13 + 360.00			0.00	0.00	42.85	41.93	838.
13 + 380.00	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.00	0.00	44.15	43.50	870.
13 + 400.00	1		0.00	0.00	43.55	43.85	877.
13 + 420.00	1 1		0.00	0.00	43.15	43.35	867.
13 + 440.00	1		0.00	0.00	40.65	41.90	838

#### CLEAR SITE IN OPEN COUNTRY IN FOREST AREA WIDTH DISTANCE AVERAGE STATION AREA WIDTH AVERAGE AREA (m) (m) (m2)(m) (m) (m2)460.00 20.00 0.00 787.00 13 + 0.00 38.05 39.35 20.00 37.25 480.00 0.00 0.00 745.00 13 + 36.45 484.16 4.16 0.00 0.00 151.78 13 + 36.45 36.45 13 + 500.00 15.84 0.00 0.00 557.03 33.90 35.18 20.00 0.00 13 + 520,00 0.00 34.70 34.30 686.00 20.00 0.00 697.00 13 + 540.00 0.00 35.00 34.85 560.00 20.00 0.00 0.00 697.00 13 + 34.70 34.85 13 + 580.00 20.00 0.00 0.00 695.00 34.80 34.75 20.00 13 + 600.00 0,00 0.00 34.83 696.50 34.85 0.00 0.00 13 + 606.66 6.66 35,40 35.13 234.07 620.00 472.43 13.34 0.00 0.00 13 + 35.45 35.43 640,00 20.00 0.00 0.00 36.00 720.00 13 + 36.55 13 + 660.00 20.00 0.00 0.00 51.10 1022.00 65.65 680.00 20.00 0.00 0.00 999.00 13 + 34.25 49.95 13 + 700.00 20.00 0.00 0.00 40.40 37.33 746.50 13 + 720.00 20.00 0.00 0.00 31.05 35.73 714.50 0.00 13 + 740.00 20.00 0.00 32.50 31.78 635.50 0.00 13 + 760.00 20.00 0.00 34:30 33.40 668.00 701.00 13 + 780.00 20.00 0.00 0.00 35.80 35.05 0.00 37.70 36.75 735.00 13 + 800.00 20.00 0.00 38.25 0.00 765.00 820,00 20.00 0.00 38.80 13 + 41.80 0.00 0.00 40.30 806.00 13 + 840.00 20.00 853.50 0.00 0.00 43.55 42.68 20.00 13 + 860.00 880.00 20.00 0.00 0.00 45.15 44.35 887.00 13 + 20.00 0.00 0.00 44.70 44.93 898.50 13 + 900,00 20.00 0.00 0.00 47.75 46.23 924.50 13 + 920.00 0.00 0.00 47.85 47.80 210.18 4.40 13 + 924.40 15.60 0.00 49.00 48.43 755.58 13 + 940.00 0.00 983.<u>50</u> 0.00 0.00 49.35 49.18 13 + 960.00 20.00 0.00 0.00 47.30 48.33 966.50 13 + 980.00 20.00 46.20 935.00 14 + 0.00 20.00 0.00 0.00 46.75 <u>45.</u>90 0.00 46.05 921.00 14 + 20.00 20.00 0.00 917.00 0.00 0.00 45.80 45.85 14 + 40.00 20.00 45.45 313.47 14 + 46.90 6.90 0.00 0.00 45.10 45.10 45.10 590.95 0.00 14 + 13.10 0.00 60.00 873.50 0.00 42,25 43,68 20.00 0.00 14 + 80.00 0.00 40,15 41,20 824.00 14 + 100.00 20.00 0.00 797.00 0.00 39,55 39,85 20.00 0.00 14 + 120,00 0.00 36.30 37,93 758.50 14 + 20.00 0.00 140.00 733.00 160.00 20.00 0.00 0.00 37.00 36.65 14 + 37.05 0.00 37.10 741.00 0.00 14 + 180.00 20.00 0.00 38,35 37:73 754.50 0.00 14 + 20.00 200.00 14 + 0.00 0.00 37.60 37.98 759,50 220.00 20.00 37.90 758.00 0.00 0.00 38.20 14 + 240.00 20.00 0.00 36.20 37.20 744,00 0.00 260.00 20.00 14 + 0.00 0.00 36.20 36.20 724,00 14 + 280.00 20.00 36.20 36,20 724.00 14 + 300.00 20.00 0.00 0.00 ... 35.70 35.95 719.00 0.00 0.00 14 + 320,00 20.00 730.00 0.00 0.00 37,30 36,50 14 + 340.00 20,00

# COMPUTATION OF SITE CLEARANCE AREAS

11 18

#### CLEAR SITE IN OPEN COUNTRY IN FOREST AREA WIDTH DISTANCE AVERAGE AREA STATION AREA WIDTH AVERAGE (m)(m) (m2) <u>(m)</u> (m2) (m) 0.00 38,20 360.00 20.00 0.00 764.00 39.10 14 + 380.00 20.00 0.00 0.00 40.90 40.00 800.00 14 + 14 + 400.00 20.00 0.00 0.00 41.60 41.25 825.00 420.00 20.00 0.00 0.00 830.00 14.+ 41.40 41.50 440.00 20.00 0.00 0.00 41.40 41.40 828.00 14 + 460,00 20.00 0.00 0.00 41.40 41.40 \$28.00 14 + 20.00 0.00 41.25 480.00 0.00 41.33 826.50 14 + 500.00 20.00 0.00 0.00 41.15 41.20 824.00 14 + 520.00 20.00 0.00 0.00 40.65 40.90 818.00 14 + 20.00 0.00 0.00 812.50 40.60 40.63 14 + 540.00 20.00 0.00 0.00 40.80 40.70 814.00 560.00 14 + 580.00 20.00 0.00 0.00 42,25 41.53 830.50 14 + 14 + 595.08 15.08 0.00 0.00 43,50 42.88 646.68 4,92 0.00 0.00 43.60 43.55 214.14 14 + 600.00 0.00 45.05 886.50 14 + 620.00 20.00 0.00 44.33 929.50 20.00 0.00 0.00 47,90 14 + 640.00 46.48 49.40 973.00 20.00 0.00 0.00 48.65 14 + 660.00 52.00 0.00 50.70 1014.00 20.00 0.00 14 + 680.00 1050.00 0.00 0.00 53.00 52,50 14 + 700.00 20.00 720.00 20.00 0.00 0.00 53.50 53.25 1065.00 14 ;+ 54.05 1081.00 20.00 0.00 0.00 54,60 14 + 740.00 275.50 5.08 0.00 0.00 53,80 54.20 14 + 745.08 14.92 0.00 0.00 52.50 53.15 792.84 14 + 760.00 780.00 20.00 0.00 0.00 49.20 50.85 1017.00 14 + 0.00 0.00 46,70 47.95 959.00 14 + 800.00 20.00 0.00 43.50 45.10 902.00 14 + 820.00 20.00 0.00 832.00 840.00 20.00 0.00 0.00 39.70 41.60 14 + 20.00 0.00 0.00 33.40 36.55 731.00 14 + 860.00 34.35 33.88 172.29 0.00 0.00 14 + 865.09 5.09 14.91 0.00 0.00 38.00 36.18 539.51 14 + 880.00 40.05 801.00 0.00 0.00 42.10 14 + 900.00 20.00 0.00 40.30 41.20 824.00 0.00 14 + 920.00 20.00 0.00 47.10 43.70 874.00 20.00 0.00 14 .4 940.00 48.10 47.60 952.00 0.00 14 + 960.00 20.00 0.00 0.00 0.00 44,90 46.50 930.00 980.00 20.00 14 + 840.00 0.00 0.00 39.10 42.00 20.00 15 + 0.00 37.40 0.00 0.00 35.70 564.22 15.+ 15.09 15.09 0.00 37.15 36.43 178.99 0.00 20.00 4.91 15 + 0.00 0.00 42.50 39.83 796.50 15 + 40.00 20.00 . 0.00 47.50 45,00 900.00 60.00 20.00 0.00 15 + 0.00 49.95 48.73 974.50 0.00 15 + 80.00 20.00 0.00 0.00 50.45 50,20 1004.00 20.00 15 + 100.00 15 + 120.00 20.00 0.00 0.00 50.95 50.70 1014.00 48.60 0.00 49,78 0.00 995.50 15 + 140.00 20.00 0.00 47.68 953.50 0.00 46.75 160.00 20.00 15 + 15.+ 5.09 0.00 0.00 46.25 46.50 236.50 165.09 0.00 45.75 682.32 0.00 45.25 15 + 180.00 14.91 43.48 0.00 0.00 41.70 869.50 15 + 200.00 20.00 0.00 0.00 40.60 41,15 823.00 15 + 220.00 20.00

## COMPUTATION OF SITE CLEARANCE AREAS

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	<u> </u>	1	N OPEN COUNTRY		11	FOREST AREA	
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
		(m)	(m)	(m2)	(m)	(m)	(m2)
15 + 240.00	20.00		0.00	0.00	40.60	40.60	812.00
15 + 260.00	20.00		0.00	0.00	42.55	41.58	831.50
15 + 280.00	20.00		0.00	0.00	43.25	42.90	858.00
15 + 300.00	20.00		0.00	0.00	43.70	43.48	869.50
15 + 320.00	20.00		0.00	0.00	46.50	45.10	902.00
15 + 340.00	20.00	 	0.00	0.00	47.30	46.90	938.00
15 + 360.00	20.00		0.00	0.00	48.30	47.80	956.00
15 + 372.38	12.38		0.00	0.00	49.70	49.00	606.38
15 + 380.00	7.63		0.00	0.00	50.50	50.10	382.01
15 + 400.00	20.00		0.00	0.00	52.00	51.25	1025.00
15 + 420.00	20.00		0.00	0.00	50.50	51.25	1025.00
15 + 440.00	20.00		0.00	0.00	49.35	49.93	998.50
15 + 460.00	20.00		0.00	0.00	48.65	49.00	980.00
15 + 480.00	20.00	·	0.00	0.00	48.10	48.38	967.50
15 + 484.88	4.88		0.00	0.00	48.30	48.20	234.98
15 + 300.00		•	0.00	0.00	48.30	48.30	0.00
15 + 320.00	20.00	<u> </u>	0.00	0.00	49.00	48.65	973.00
15 + 340.00	20.00		0.00	0.00	51.70	50.35	1007.00
15 + 360.00	20.00		0.00	0.00	54.70	53.20	1064.00
15 + 380.00	20.00	: 	0.00	0.00	49.50	52.10	1042.00
15 + 400.00	20.00		0.00	0.00	49.00	49.25	<u>985.00</u> 930.00
15 + 420.00	20.00	<u></u>	0.00	0.00	<u>44.00</u> 44.00	46.50	<u>9.50.00</u> 880.00
15 + 440.00 15 + 460.00	<u>20.00</u> 20.00		0.00	0.00	38.50	41.25	825.00
	20.00		0.00	0.00	51.30	44.90	898.00
<u>15 + 480.00</u> 15 + 500.00	20.00		0.00	0.00	58.65	54.98	1099.50
15 + 520.00	20.00		0.00	0.00	53.60	56.13	1122.50
15 + 540.00	20.00	······································	0.00	0.00	66.90	60.25	1205.00
15 + 560.00	20.00		0.00	0.00	69.50	68.20	1364.00
15 + 580.00	20.00		0.00	0.00	72.00	70.75	1415.00
15 + 600.00	20.00		0.00	0.00	64.00	68.00	1360.00
15 + 620.00	20.00		0.00	0.00	69.00	66.50	1330.00
15 + 640.00	20.00		0.00	0.00	66.50	67.75	1355.00
15 + 660.00	20.00		0.00	0.00	58.50	62.50	1250.00
15 + 680.00	20.00	·····	0.00	0.00	55.00	56.75	1135.00
15 + 700.00	20.00		0.00	0.00	57.00	56.00	1120.00
15 + 720.00	20,00		0.00	0.00	58.50	57.75	1155.00
15 + 740.00	20.00	· . 	0.00	0.00	60.00	59.25	1185.00
15 + 760.00	20.00		0.00	0.00	55.70	57.85	1157.00
15 + 780.00	20.00		0.00	0.00	57.60	56.65	1133.00
15 + 800.00	20.00		0.00	0.00	59,35	58.48	1169.50
15 + 820.00	20.00		0.00	0.00	62,20	6().78	1215.50
15 + 840.00	20.00		0.00	0.00	60.05	61.13	1222.50
15 + 860.00	20.00		0.00	0.00	57,45	58.75	1175.0
15 + 880.00	20.00		0.00	0.00	58.30	57.88	1157.5
15 + 900.00	20.00		0.00	0.00	51.90		1102.0
15 + 920.00	20.00		0.00	0.00	56.30	54.10	1082.0
15 + 940.00	20.00		0.00	0.00	55.25	55.78	1115.5
15 + 960.00	20.00		0.00	0.00	54.85	55.05	1101.0

		· ·	1	N OPEN COUNTRY			N FOREST AREA	
STATI	ON C	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
			(m)	(m)	(m2)	(m)	(m)	(m2)
15 +	980.00	20.00		0.00	0.00	53.85	54,35	108
16 +	0.00	20.00		0.00	0.00	58.20	56.03	117
16 +	20.00	20.00		0.00	0.00	57.40	57.80	115
16 +	40.00	20.00	· · · ·	0.00	0.00	56.90	57.15	1]4
16 +	60.00	20.00		0.00	0.00	56.80	56.85	113
16 +	80.00	20.00		0.00	0.00	57.10	56.95	113
16 +	100.00	20.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.00	57.10	57.10	114
16 +	120.00	20.00		0.00	0.00	57.30	57.20	114
16 +	140.00	20.00		0.00	0.00	58.15	57.73	
16 +	160.00	20.00		0.00	0.00	56.50	57.33	114
16 +	180.00	20.00		0.00	0.00	56.40	56.45	112
16 +	200.00	20.00		0.00	0.00	57.50	56.95	113
16 +	220.00	20.00		0.00	0.00	54.60	56.05	112
16 +	240.00	20.00		0.00	0.00	52.00	53.30	106
16 +	260.00	20.00		0.00	0.00	51.50	51.75	103
16 +	280.00	20.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.00	51.00	51.25	102
16 +	300.00	20.00		0.00	0.00	50.50	50,75	101
16 +	320.00	20.00		0.00	0.00	50.00	50.25	100
16 +	340.00	20.00		0.00	0.00	50.00	50.00	100
16 +	360.00	20.00	<u> </u>	0.00	0.00	50.00	50.00	100
16 +	380.00	20.00		0.00	0.00	50.00		100
16 +	400.00	20.00		0.00	0.00	50.50	50.25	100
<u>16 +</u>	420.00	20.00		0.00	0.00	39.00	44.75	89
16 +	440.00	20.00		0.00	0.00	38.50	38.75	77
16 +	456.70	16.70	·	0.00	0.00	<u> </u>	38.25	<u>63</u> 12
16 +	460.00 480.00	3.30		0.00	0.00	38.00	38.00	
16 +	500.00	20.00		0.00	0.00	37.50	37.50	75 74
<u>16 +</u> 16 +	520.00	20.00	<u> </u>	0.00	0.00	38.50	37.23	76
16 +	540,00	20.00	<u></u>	0.00	0.00	40.00	39.25	78
10 T	560.00	20.00		0.00	0.00	39.00	39.50	
16 +	580.00	20.00		0.00	0.00	39.00	39.00	78
16 +	600.00	20.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.00	39.00	39.00	78
16 +	620.00	20.00		0.00	0.00	37.50	38.25	7(
16 +	640.00	20.00	······	0.00	0.00	36.50		74
16 +	660.00	20.00		0.00	0.00	36.00		7:
16 +	680.00	20.00	·····	0.00	0.00	35.00	35.50	7
16 +	700.00	20.00		0.00	0.00	34.50	34.75	6
16 +	720.00	20.00		0.00	0.00	34.50	34.50	6
16 +	723.37	3.37		0.00	0.00	34.00	34.25	1
16 +	740.00	16.63		0.00	0.00	34.00	34.00	5
16 +	760.00	20.00		0.00	0.00	34.00	34.00	6
16 +	780.00	20.00		0.00	0.00	35.00	34.50	6
16 +	800.00	20.00		0.00	0.00	34.50	34.75	6
16 +	820.00	20.00		0.00	0.00	34.50	34.50	6
16 +	840.00	20.00		0.00	0.00	34.50		6
16 +	860.00	20.00	·····	0.00	0.00	35.00	······································	6
16 +	880,00	20.00	·	0.00	0.00	35.50		
16 +	900.00	20.00		0.00	0.00	36.50	36.00	7

	· · · · · · · · · · · · · · · · · · ·			CLEAR SITE			
			OPEN COUNTRY			FOREST AREA	
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
		(m)	(m)	(m2)	(m)	(m)	(m2)
16 + 920.00	20.00		0.00	0.00	37.50	37.00	740.0
16 + 940.00	20.00	;	0.00	0.00	39.00	38.25	765.
16 + 960.00	20.00		0.00	0.00	40.50	39.75	795.
16 + 980.00	20.00		0.00	0.00	40.00	40,25	805,
17 + 0.00	20.00		0.00	0.00	36.60	38.30	766.
17 + 1.59	1.59		0.00	0.00	36.90	36.75	58.
17 + 20.00	18.41		0.00	0.00	33.10	35.00	614.4
17 + 40.00	20.00		0.00	0.00	38.60	35.85	717.0
17 + 60.00	20.00		0.00	0.00	41.40	40.00	800.0
17 + 80.00	20.00		0.00	0.00	45.50	43.45	869.0
17 + 100.00	20.00		0.00	0.00	48.20	46.85	937.(
17 + 120.00	20.00	ti sursta Alta	0.00	0.00	50.20	49.20	984.0
17 + 140.00	20.00		0.00	0.00	49.60	49.90	998.
17 + 160.00	20.00		0.00	0.00	49.60	49.60	992.
17 + 180.00	20.00		0.00	0.00	48.60	49.10	982.
17 + 200.00	20.00		0.00	0.00	46.60	47.60	952.
17 + 220.00	20.00		0.00	0.00	45.70	46.15	923.
17 + 240.00	20.00	<u> </u>	0.00	0.00	40.90	43.30	866.
17 + 260.00	20.00		0.00	0.00	37.30	39.10	782.
17 + 280.00	20.00		0.00	0.00	34.60	35.95	719.
17 + 300.00	20.00		0.00	0.00	34.90	34.75	695.
17 + 320.00	20.00		0.00	0.00	37.60	36.25	725.
17 + 340.00	20.00		0.00	0.00	38.90	38.25	765.
17 + 341.46	1.46		0.00	0.00	38.70	38.80	56.
17 + 360.00	18.54	· · · ·	0.00	0.00	44.25	41.48	768.
17 + 380.00	20.00		0.00	0.00	43.40	43.83	<u>876.</u>
17 + 400.00	20.00	a in the second s	0.00	0.00	43.50	43.45	869.
17 + 420.00	20.00		0.00	0.00	44,20	43.85	877.
17 + 440.00	20.00		0.00	0.00	46.90	45.55	911
17 + 460.00	20.00		0.00	0.00	44.00	45.45	909.
17 + 480.00	20.00		0.00	0.00	41.90	42.95	859.
17 + 500.00	20.00		0.00	0.00	39.20	40.55	811
17 + 520.00	20,00		0.00	0.00	39.20		784
17 + 540.00	20.00		0.00	0.00	41.80	40.50	810
17 + 560.00	20.00		0.00	0.00	40.60	41.20	824
17 + 580.00	20.00		0.00	0.00	39.60	40.10	802
17 + 600.00	20.00		0.00	0.00	37.50	38.55	771
17 + 620.00	20.00		0.00	0.00	37.80	37.65	753
17 + 640,00	20.00		0.00	0.00	39.50	38.65	773
17 + 660.00	20.00		0.00	0.00	40.90	40.20	804
17 + 680.00	20.00		0.00	0.00	38.40		793
17 + 700.00	20.00		0.00	0.00	44.90	41.65	833
17 + 717.49	17.49		0.00	0.00	45.75	45.33	792
17 + 720.00	2.51		0.00	0.00	45.60	45.68	114
17 + 740.00	20.00		0.00	0.00	43.65	44.63	892
17 + 760.00	20.00		0.00	0.00	42.45	43.05	861
17 + 780.00	20.00	÷.,	0.00	0.00	60.00	51.23	1024
17 + 800.00	20.00	1	0.00	0.00	60.00	60.00	1200

	ſ	IN	OPEN COUNTRY			IN FOREST AREA	
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
			(m)				( )
		(m)	(m)	(m2)	<u>(m)</u>	(m)	(m2)
17 + 840.00	20.00	60.00	60.00	1200.00	· · · · · · · · · · · · · · · · · · ·	0.00	<u> </u>
17 + 860.00	20.00	60.00	60.00	1200.00		0.00	0.
17 + 867.49	7.49	60.00	60.00	449.58		0.00	0.
17 + 880.00	12.51	60,00	60.00	750.42		0.00]	0.
17 + 900.00	20.00	60.00	60.00	1200.00		0.00	0.
17 + 920.00	20.00	60.00	60.00	1200.00		0.00	0.
17 + 940.00	20.00	60.00	60.00	1200.00	يى و ئوسىسى	0.00	0.
17 + 960.00	20.00	60.00	60.00	1200.00		0.00	0.
17 + 980.00	20.00	60.00	60.00	1200.00		0.00	0.(
18 + 0.00	20.00	60.00	60.00	1200.00		0.00	0.0
18 + 20.00	20.00	60.00	60.00	1200.00		0.00	0.0
18 + 40.00	20.00	60.00	60.00	1200.00		0.00	0.0
18 + 60.00	20.00	60.00	60.00	1200.00		0.00	0.0
18 + 80.00	20.00	60.00	60.00	1200.00		0.00	0.
18 + 100.00	20.00	60.00	60.00	1200.00		0.00	0.
18 + 120.00	20.00	60.00	60.00	1200.00		0.00	0.
18 + 136.26	16.26	60.00	60.00	975.42		0.00	0.
18 + 140.00	3.74	60.00	60.00	224.58		0.00	0.
18 + 160.00	20.00	60.00	60.00	1200.00		0.00	0.
18 + 180.00	20.00	60.00	60.00	1200.00		0.00	0.
18 + 200.00	20.00	60.00	60.00	1200.00		0.00	0.
18 + 220.00	20.00	60.00	60.00	1200.00		0.00	
18 + 240.00	20.00	60.00	60.00	1200.00	<u></u>	0.00	0.
18 + 260.00	20.00	60.00	60.00	1200.00		0.00	<u>,</u>
18 + 280.00	20.00	60.00	60.00	1200.00	~ <u>~</u>	0.00	0.
18 + 286.26	6.26	60.00	60.00	375.42	<u></u>	0.00	0.
18 + 300.00	13.74	60.00	60.00	824.58		0.00	0.
	20.00	60.00	60.00	1200.00		0.00	0.
		60.00	60.00	1200.00		0.00	0.
18 + 340.00	20.00						
18 + 360.00	20.00	60.00	60.00	1200.00		0.00	0.
18 + 380.00	20.00	60.00	60.00	1200.00		0.00	0.
18 + 400.00	20.00	60.00	60.00	1200.00	<u></u>	0.00	0.
18 + 420.00	20.00	60.00	60.00	1200.00		0.00	0
18 + 440.00	20.00	60.00		1200.00		0.00	0
18 + 460.00	20.00	60.00	60.00	1200.00	<u> </u>	0.00	0
18 + 480.00	20.00	60.00	60.00	1200.00		0.00	0
18 + 500.00	20.00	60.00	60.00	1200.00		0.00	0
18 + 520.00	20.00	60.00	60.00	1200.00	<u> </u>	0.00	0
18 + 540.00	20.00	60.00	60.00	1200.00		0.00	0
18 + 560.00	20.00	60.00	60.00	1200.00		0.00	0
18 + 580.00	20.00	60.00	60.00	1200.00		0.00	0
18 + 600.00	20.00	60.00	60.00	1200.00		0.00	0
18 + 620.00	20.00	55.00	57.50	1150.00		0.00	0
18 + 640.00	20.00	56.00	55.50	1110.00	·	0.00	(
18 + 660.00	20.00	57.00		1130.00		0.00	(
18 + 680.00	20.00	5 <u>6.5</u> 0		1135.00		0.00	(
18 + 700.00	20.00	56.00	56.25	1125.00		0.00	(
18 + 720.00	20.00	55.00		1110.00	<b>,</b>	0.00	(
18 + 736.26	16.26	55.00	1	906.33		0.00	(

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					CLEAR SITE		····	
1.1			IN	OPEN COUNTRY	T		IN FOREST AREA	
	STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
			(m)	(m)	.(m2)	(m)	(m)	(m2)
· ·	18 + 740.00	3.74	56.50	56.50	211.48		0.00	0
	18 + 760.00	20.00	57.50	57.00	1140.00		0.00	0
<u>,</u> 1	18 + 780.00	20.00	57.50	57.50	1150.00		0.00	0
	18 + 800.00	20.00	58,50	58.00	1160.00		0.00	0
1.015	18 + 820.00	20.00	59.00	58.75	1175.00		0.00	0
	18 + 840.00	20.00	59.00	59.00	1180.00		0.00	0
	18 + 860.00	20.00	59.00	59.00	1180.00		0.00	0
	18 + 880.00	20.00	57.50	58.25	1165.00		0.00	0
	18 + 900.00	20.00	56.00	56.75	1135.00		0.00	0
	18 + 920.00	20.00	55.00	55.50	1110.00		0.00	0
	18 + 940.00	20.00	53.00	54.00	1080.00		0.00	0
	18 + 960.00	20.00	51.00	52.00	1040.00		0.00	0
	18 + 980.00	20.00	49.50	50.25	1005.00		0.00	
1. F	19 + 0.00	20.00	47.50	48.50	970.00		0.00	0
	19 + 20.00	20.00	49.00	48.25	965.00		0.00	(
	19 + 40.00	20.00	52.00	50.50	1010.00		0.00	
	19 + 51.99	11.99	49.50	50.75	608.59		0.00	. (
	19 + 60,00	8.01	50.50	50.00	400.40		0.00	. (
	19 + 80.00	20.00	52.50	51.50	1030.00		0.00	(
	19 + 100.00	20.00	54.00	53.25	1065.00	:	0.00	(
	19 + 120.00	20.00	53.00	53.50	1070.00		0.00	(
	19 + .140.00	20.00	52.00	52.50	1050.00	· .	0.00	. (
	19 + 160.00	20.00	52.00	52.00	1040.00	···	0.00	(
	19 + 180.00	20.00	50.50	51.25	1025.00		0.00	(
	19 + 200.00	20.00	50.50	50.50	1010.00		0.00	(
	19 + 220.00	20.00	48.00	49.25	985.00		0.00	(
÷.	19 + 240.00	20.00	49.00	48.50	970.00		0.00	(
	19 + 260.00	20.00	53.50	51.25	1025.00		0.00	(
	19 + 280.00		54.00	53.75	1075.00		0.00	(
	19 + 300.00	20.00	54.50	54.25	1085.00		0.00	
	19 + 320.00	20.00	52.50	53.50	1070.00	:	0.00	1
	19 + 340.00	20.00	53.00	52.75	1055.00		0.00	
	19 + 360.00	20.00	52.00	52.50	1050.00		0.00	
	19 + 380.00	20.00	52.00	52.00	1040.00	······································	0.00	
	19 + 400.00	20.00	52.00	52.00	1040.00		0.00	
19 19	19 + 400.00	20.00	50.50	51 25	1025.00	<u></u>	0.00	
•	19 + 440.00	20.00			1023.00		0.00	
			<u>53.50</u> 56.00		1040.00	<u></u>	0.00	
		20.00			1195.00		0.00	· · · · ·
	19 + 480.00	20.00	63.50		T	····	0.00	·
	19 + 500.00	20.00	72.00		1355.00			
	<u>19 + 501.99</u>	1.99	73.50		144.92		0.00	··
	19 + 520.00	18.01	80.00	76.75	1382.11		0.00	_ <del></del>
•	19 + 540.00	20.00	71.50		1515.00		0.00	
	19 + 560.00	20.00	66.50		1380.00		0.00	
	19 + 580,00	20.00	63.00		1295.00	<del> </del>	0.00	
	19 + 600.00	20.00	69.50		1325.00		0.00	
	19 + 620.00	20,00	53.50		1230.00		0.00	
n g	19 + 640,00	20.00	53.00		1065.00		0.00	
	19 + 660.00	20.00	53.00	53.00	1060.00		0.00	_

and the second second				CLEAR SITE			
			OPEN COUNTRY		·····	N FOREST AREA	
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTII	AVERAGE	AREA
		<u>(m)</u>	(m)	(m2)	<u>(m)</u>	<u>(m)</u>	(m2)
19 + 665.17	5.17	51.00	52.00	268.68		0.00	0.
19 + 680.00	14.83	51.00	51.00	756.48		0.00	0.
19 + 700.00	20.00	49.00	50.00	1000.00		0.00	0.
19 + 720.00	20.00	47.00	48.00	960.00		0,00	
19 + 740.00	20.00	49.50	48.25	965.00		0.00	0.
19 + 760.00	20.00	51.50	50.50	1010.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.
19 + 780.00	20.00	60.00	55.75	1115.00		0.00	0.
19 + 800.00	20.00	60.00	60.00	1200.00		0.00	0.
19 + 820.00	20.00	63.00	61.50	1230.00		0.00	0.
19 + 840.00	20,00	61.50	62.25	1245.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.0
19 + 860.00	20.00	62.00	61.75	1235.00		0.00	0.
19 + 873.50	13.50	64.50	63.25	853.88	· · · · · · · · · · · · · · · · · · ·	0.00	0.
19 + 880.00	6.50	58.00	61.25	398.13		0.00	0.0
19 + 900.00	20.00	56.50	57.25	1145.00		0.00	0.
19 + 920.00	20.00	55.50	56.00	1120.00		0.00	0.
19 + 940.00	20.00	54.00	54.75	1095.00		0.00	0.
19 + 960.00	20.00	53.00	53.50	1070.00		0.00	0.
19_+ 980.00	20.00	52.50	52.75	1055.00		0.00	0.
20 + 0.00	20.00	52.50	52.50	1050.00		0.00	0.
20 + 20.00	20.00	52.00	52.25	1045.00		0.00	0.
20 + 40,00	20.00	52.00	52.00	1040.00		0.00	0.
20_+ 60.00	20.00	51.50	51.75	1035.00		0.00	0.
20 + 80.00	20.00	50.50	51.00	1020.00		0.00	0.
20 + 100.00	20.00	48.50	49.50	990.00		0.00	0.
20 + 120.00	20.00	49.00	48.75	975.00		0.00	0.
20 + 140.00	20.00	47.00	48.00	960.00		0.00	0.
20 + 160.00	20.00	48.00	47.50	950.00		0.00	0.
20 + 180.00	20.00	49.50	48.75	975.00		0.00	0.
20 + 200.00	20.00	_60.00	54.75	1095.00	·	0.00	0.
20 + 220.00	20.00	52.00	56.00	1120.00		0.00	0.
20 + 240.00	20.00	53.50	52.75	1055.00		0.00	0.
20 + 260.00	20.00	53.50	53.50	1070.00		0.00	0
20 + 280.00	20.00	52.50	53.00	1060.00	·	0.00	0.
20 + 300.00	20.00	52.50	52.50	1050.00		0.00	0
20 + 320.00	20.00	52.50	52.50	1050.00	· · · · · ·	0.00	0
20 + 340.00	20.00	52.00	52.25	1045.00		0.00	0
20 + 360.00	20.00	52.00	52.00	1040.00		0.00	0
20 + 380.00	20.00	51.00	51.50	1030.00		0.00	0
20 + 400.00	20.00	52.00	51.50	1030.00		0.00	0
20 + 420.00	20.00	51.00	51.50	1030.00	·····	0.00	0
20 + 440.00	20.00	51.50	51.25	1025.00	· · · · · · · · · · · · · · · · · · ·	0.00	0
20 + 460.00	20.00	51.00	51,25	1025.00		0.00	0
20 + 480.00	20.00	51.50	51.25	1025.00		0.00	. 0
20 + 500.00	20.00	51.50	51.50	1030.00		0.00	0
20 + 520,00	20.00	52.00	51.75	1035.00		0.00	(
20 + 540.00	20.00	53.00	52.50	1050.00		0.00	(
20 + 560.00	20.00	55.00	54.00	1080.00		0.00	{
20 + 580.00	20.00	56.50	55.75	1115.00	· · · · · · · · · · · · · · · · · · ·	0.00	(
20 + 600.00	20.00	58.00	57.25	1145.00		0.00	

MAIN ROAD	T			CLEAR SITE			
		IN	OPEN COUNTRY	CLEAR STLE		N FOREST AREA	· ····
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
		(m)	(m)	<u>(m2)</u>	(m)	(m)	(m2)
20 + 620.	20.00	51,30	54.65	1093,00		0.00	0.0
20 + 640.	20.00	48.50	49.90	998.00	······································	0.00	0.0
20 + 660.		50.20	49.35	987.00		0.00	0.0
20 + 676.		51,05	50.63	821.74		0.00	0.0
20 + 680.		51.65	51.35	193,49		0.00	0.0
		53.00	52.33	193,49		0.00	0.0
				**************************************	······		
<u>20 + 720.</u>		55.20	54.10	1082.00		0.00	0.0
20 + 740.		57.50	56.35	1127.00	······································	0.00	0.0
20 + 760.	-1	49.00	53.25	1065.00	<u> </u>	0.00	0.0
<u>20</u> ∻ 780.	20.00	58.30	53.65	1073.00	·	0.00	0.0
20 + 800.	20.00	60.30	59.30	1186.00		0.00	0.0
20 + 820.	20.00	61.90	61.10	1222.00	· • · · · · · · · · · · · · · · · · · ·	0.00	0.0
20 + 840.	20.00	63.40	62.65	1253.00		0.00	0.0
20 + 860.	20.00	65.50	64.45	1289.00		0.00	0.0
20 + 880.	20.00	66.50	66.00	1320.00		0.00	0.0
20 + 884.	57 4.57	66.10	66.30	302.66		0.00	0.0
20 + 900,	- <del> </del>	62.50	64.30	992,47		0.00	0.0
20 + 920.		72.00	67.25	1345.00		0.00	0.0
20 + 940.		75.00	73.50	1470.00	······································	0.00	0.0
· · · · · · · · · · · · · · · · · · ·		73.50	74,25	1485.00		0.00	0.0
20 + 960.							
20 + 980.		67.50	70.50	1410.00		0.00	0.0
<u>21 + 0.</u>	T		33.75	675.00	70.50	35.25	705.0
<u>21 + 20.</u>		·	0.00	0.00	59.50	65.00	1300.0
21 + 40.	20.00		0.00	0.00	46.10	52.80	1056.0
21 + 60.	20.00		0.00	0.00	40.50	43.30	866.0
<u>21 + 80.</u>	20.00		0.00	0.00	36.50	38.50	770.0
21 + 92.	12.90		0.00	0.00	41.00	38.75	499.8
21 + 100.	7.10		0.00	0.00	42.00	41.50	294.7
21 + 120.			0.00	0.00	43.50	42.75	855.0
21 + 140.			0.00	0.00	45.50		890.0
21 + 160.			0.00	0.00	45.50	1	910.0
21 + 180.			0.00	0.00	49.00	· · · · · · · · · · · · · · · · · · ·	945.0
				0.00			1015.0
21 + 200.			0.00		52.50		
21 + 220.			0.00	0.00	53.50		1060.0
21 + 240.		·····	0.00	0.00	54.50		1080.0
21 + 260.			0.00	0.00	56.50		1110.0
21 + 280.	20.00			0.00	57.00	1	1135.0
21 + 300.	00 20.00		0.00	0.00	57.50	57.25	1145.0
21 + 320.	20.00		0.00	0.00	56.00	56.75	1135.0
21_+340.			0.00	0.00	56.00	56.00	1120.0
21 + 360.			0.00	0.00	56.00	1	1120.0
21 + 380.			0.00	0.00	56.00	1	1120.0
			0.00	0.00	55.50	1 1	11153
21 + 400.	1 1					1	
21 + 420.			0.00	0.00	55.5(		1110.
21 + 440.			0.00	0.00	55.5(		1110.
21 + 460.	00 20.00		0.00	0.00	56.00	1	1115.
21 + 480.	20.00		0.00	0.00	54.50	55.25	1105.
21 + 500.	20.00		0.00	0.00	54.50	54,50	1090.
21 + 520.			0.00	0.00	55.0	54.75	1095.

		IN	OPEN COUNTRY	-	11	FOREST AREA	
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
		(m)	(m)	(m2)	(m)	(m)	(m2)
21 + 540.00	20.00		0.00	0.00	54.50	54.75	1095
21 + 560.00	20.00		0.00	0.00	50.50	52.50	1050
21 + 563.14	3.14		0.00	0.00	49.50	50.00	157
21 + 580.00	16.86		0.00	0.00	47.80	48.65	820
21 + 600.00	20.00		0.00	0.00	51,15	49.48	989
21 + 620,00	20.00		0.00	0.00	48.00	49.58	991
21 + 640.00	20.00		0.00	0.00	44.45	46.23	924
21 + 660.00	20.00		0.00	0.00	33.60	39.03	780
21 + 680.00	20.00		0.00	0.00	38.20	35.90	718
21 + 700.00	20.00		0.00	0.00	33.10	35.65	713
21 + 720.00	20.00		0.00	0.00	34.50	33.80	676
21 + 740.00	20.00		0.00	0.00	35.70	35.10	702
21 + 760.00	20.00		0.00	0.00	37.40	36.55	731
21 + 771,47	11,47		0.00	0.00	38.30	37.85	434
21 + 780,00	8.53		0.00	0.00	38.90	38.60	329
21 + 800.00	20.00		0.00	0.00	39.20	39.05	781
21 + 820.00	20.00		0.00	0.00	40.60	39.90	798
21 + 840.00	20.00		0.00	0.00	42.10	41.35	827
21 + 860.00	20.00		0.00	0.00	43.40	42.75	855
21 + 880.00	20.00		0.00	0.00	45.20	44.30	880
21 + 900.00	20.00		0.00	0.00	49.30	47.25	94:
21 + 920.00	20.00		0.00	0.00	50.70	50.00	1000
21 + 931.47	11.47		0.00	0.00	53.50	52.10	597
21 + 940.00	8.53		0.00	0.00	54.30	53.90	459
21 + 960.00	20.00		0.00	0.00	56.40	55.35	110
21 + 980.00	20.00		0.00	0.00	57.20	56.80	113
22 + 0.00	20.00		0.00	0.00	59.00	58.10	116
22 + 20.00		· · · · · · · · · · · · · · · · · · ·	0.00	0.00	60.40	59.70	
22 + 40.00	20.00		0.00	0.00	61.10	60.75	121
22 + 60.00	20.00		0.00	0.00	61.60	61.35	122
22 + 00.00	20.00		0.00	0.00	61.20	61.40	122
22 + 100.00	20.00		0.00	0.00	60.30	60.75	121
22 + 103.23	3.23		0.00	0.00	59.90	60.10	19
22 + 120.00	16.77		0.00	0.00	58.60	59.25	99
22 + 140.00	20.00		0.00	0.00	57.00	57.80	115
22 + 160.00	20.00		0.00	0.00	52.00	54.50	109
22 + 180.00	20.00		0.00	0.00	57.00	54.50	109
22 + 200.00	20.00		0.00	0.00	60.00	58.50	117
22 + 200.00	20.00	60.00	30.00	600.00		30.00	60
22 + 240.00	20.00	60,00	60.00	1200.00		0,00	
22 + 260.00			60.00	1200.00		0.00	
22 + 263.23	3.23	60.00	60.00	193.86		0.00	
22 + 203.23	<u> </u>	60.00	60.00	1006.14		0.00	
			60.00	1200.00		0.00	
22 + 300.00	20.00		60.00	1200.00	<u> </u>	0.00	
22 + 320.00	20.00	60.00		1200.00		0.00	
22 + 340.00	20.00	60.00	60.00		······································	0.00	
22 + 360.00			60.00	1200.00			
<u>22 + 380.00</u> <u>22 + 400.00</u>	<u>20.00</u> 20.00		60.00 60.00	1200.00 1200.00		0.00	

		IN	OPEN COUNTRY		·······	IN FOREST AREA	
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
a Aliante de la companya de la company Aliante de la companya		(m)	(m)	(m2)	(m)	(m)	(m2)
22 + 420.00	20.00	60.00	60.00	1200.00		0.00	0
22 + 440.00	20.00	60.00	60.00	1200.00		0,00	
22 + 460.00	20,00	60.00	60.00	1200.00	<u></u>	0.00	(
22 + 480.00	20.00	60.00	60.00	1200.00		0.00	· (
22 + 500.00	20.00	60.00	60.00	1200.00		0.00	
22 + 520.00	20.00	60.00	60.00	1200.00		0.00	
22 + 540.00	20.00	60.00	60.00	1200.00		0.00	(
22 + 560.00	20.00	60.00	60.00	1200.00		0.00	(
22 + 580.00	20.00	60.00	60.00	1200.00		0.00	0
22 + 600.00	20.00	60.00	60.00	1200.00		0.00	
22 + 620.00	20,00	60.00	60.00	1200.00	• - <u></u>	0.00	C
22 + 640.00		60.00	60.00	1200.00		0.00	. 0
22 + 660.00	20.00	60.00	60.00	1200.00	<u> </u>	0.00	0
22 + 680.00	20.00	60.00	60.00	1200.00	· · · · · · · · · · · · · · · · · · ·	0.00	. (
22 + 700.00	20.00	60.00	60.00	1200.00		0.00	(
22 + 720.00		60.00	60.00	1200.00		0.00	(
22 + 740.00	20.00	60.00	60.00	1200.00		0.00	
22 + 760.00	20.00	60.00	60.00	1200.00	· · · · · · · · · · · · · · · · · · ·	0.00	. 0
22 + 780.00	20.00	60.00	60.00	1200.00		0.00	(
22 + 800.00	20.00	60.00	60.00	1200.00		0.00	(
22 + 820.00	20.00	60.00	60.00	1200.00		0.00	(
22 + 840.00	20.00	60.00	60.00	1200.00	ور جنامی <u>سر</u> سند کار <sub>ی ک</sub> ید. در با	0.00	(
22 + 860.00	20.00	60.00	60.00	1200.00		0.00	
22 + 880.00		60.00	60.00	1200.00		0.00	
22 + 900.00		60.00	60.00	1200.00		0.00	
22 + 920.00	20.00	60.00	60.00	1200.00		0.00	(
22 + 940.00	20.00	60,00	60.00	1200.00		0.00	
22 + 960.00				1200.00	<u>.</u>	0.00	
22 + 979.00				1140.00		0.00	·····
23 + 0.00				1260.00		0.00	. (
23 + 20.00			63.00	1260.00		0.00	
23 + 40.00				1300.00	· · · · · · · · · · · · · · · · · · ·	0.00	 
23 + 60.00				1240.00		0.00	
23 + 80.00	L			1215.00		0.00	·
23 + 10 <u>0.</u> 00				1290.00		0.00	
23 + 120.00				1345.00		0.00	
23 + 129.11				612.31		0.00	······································
23 + 140.00	1		ΓΤ	729.97		0.00	
23 + 160.00				1340.00		0.00	
23 + 180.00				1313.00		0.00	
23 + 200.00				1197.00		0.00	
23 + 220.00				1144.50		0.00	
23 + 240.00				1164.00		0.00	
23 + 260.00			· ·	1102.00		0.00	*****
23 + 280.00 23 + 280.00	1			1033.50	· · ·	0.00	
	1			1033.30		0.00	
23 + 300.00				1017.00		0.00	<u></u>
23 + 320.00	[			1	·	0.00	······
<u>23 + 340.00</u> 23 + 360.00		1		1048.00	<u></u>	0.00	

MAINPOAD

				CLEAR SITE	····		
OTATION			OPEN COUNTRY			IN FOREST AREA	4 D.C. 4
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
		(m)	<u>(m)</u>	(m2)	<u>(m)</u>	(m)	(m2)
23 + 380.00	20.00	49.90	50.80	1016.00	······	0.00	0.00
23 + 400,00	20.00	45.50	47.70	954.00		0.00	0.00
23 + 420.00	20.00	41.50	43.50	870.00		0.00	0.00
23 + 440.00	20.00	39.50	40.50	810.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.00
23 + 460.00	20.00	43.90	41.70	834.00		0.00	0.00
23 + 480.00	20.00	44.40	44.15	883.00		0.00	0.00
23 + 500.00	20.00	48,15	46.28	925.50		0.00	0.00
23 + 520.00	20.00	48.35	48.25	965.00		0.00	0.00
23 + 540.00	20.00	50.00	49.18	983.50		0.00	0.00
23 + 560.00	20.00	52.60	51.30	1026.00		0.00	0.00
23 + 580.00	20.00	52,80	52.70	1054.00		0.00	0.00
23 + 600.00	20.00	47.30	50.05	1001.00		0.00	0.00
23 + 620.00	20.00	60.00	53.65	1073.00	<u>.</u>	0.00	0.00
23 + 640.00	20.00	60.00	60.00	1200.00		0.00	0.00
23 + 652.37	12.37	60.00	60.00	742.38	·	0.00	0.00
23 + 660.00	7.63	60.00	60.00	457.62		0.00	0.00
23 + 680.00	20.00	60.00	60.00	1200.00		0.00	0.00
23 + 700.00	20.00	60.00	60.00	1200.00		0.00	0.00
23 + 720.00	20.00	60.00	60.00	1200.00		0.00	0.00
23 + 740.00	20.00	60.00	60.00	1200.00		0.00	0.00
23 + 760.00	20.00	60.00	60.00	1200.00		0.00	0.00
23 + 780.00	20.00	58.00	59.00	1180.00		0.00	0.00
23 + 800.00	20.00	54.50	56.25	1125.00		0.00	0.00
23 + 820.00	20.00	53.00	53.75	1075.00		0.00	0.00
23 + 840.00	20.00	51.00	52.00	1040.00		0.00	0.00
23 + 860.00	20.00	49.00	50.00	1000.00		0.00	0.00
23 + 880.00	20.00	49.00	49.00	980.00		0.00	0.00
23 + 900.00	20.00	46.50		955.00		0.00	0.00
23 + 920.00	20.00	31.30	38.90	778.00		0.00	0.00
23 + 940.00	20.00	31.90	31.60	632.00		0.00	0.00
23 + 960.00	20.00	35.70	33,80	676.00		0.00	0.00
23 + 980.00	20.00	35.50	35.60	712.00		0.00	0.00
24 + 0.00	20.00	36.10	35.80	716.00		0.00	0.00
24 + 20.00	20.00	35.80		719.00		0.00	0.00
24 + 40.00	20.00	36.00		718.00		0.00	0.00
24 + 60.00	20.00	35.30		713.00		0.00	0.00
24_+ 80.00	20.00	36.70	1	720.00		0.00	0.00
24 + 83,92	3.92	36.60		143.56		0.00	0.0(
24 + 100.00	16.08	37.80	T	598.29		0.00	0.00
24 + 120.00	20.00	38.90		767.00		0.00	0.00
24 + 140.00	20.00	39.40	1 1	783.00		0.00	0.00
24 + 160.00	20.00	41.10		805.00		0.00	0.0
24 + 180.00	20.00	41.80	1	829.00		0.00	0.0
24 + 200.00	20.00	41.60		834.00		0.00	0.0
24 + 220,00	20.00	33.60	1	752.00		0.00	0.0
24 + 240.00	20.00	37.80		714.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.0
24 + 260.00	20.00	35.40	11	732.00		0.00	0.0
24 + 280.00	20.00	34.60		700.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.0
24 + 297.25	17.25	36.10	1	609.79		0.00	0,0

				CLEAR SITE			
	-	IN	OPEN COUNTRY		······	IN FOREST AREA	
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
		<u>(m)</u>	(m)	<u>(m2)</u>	(m)	<u>(m)</u>	(m2)
24 + 300.00	2.75	35.80	35.95	98.86		0.00	(
24 + 320.00	20.00	37.80	36.80	736.00		0.00	
24 + 340.00	20.00	41.40		792.00		0.00	(
24 + 360.00	20.00	41.40	41.40	828.00		0.00	
24 + 380.00	20.00	44.30	42.85	857.00	·····	0.00	
24 + 400.00	20.00	39.70	42.00	840.00		0.00	0
24 + 420.00	20.00	40.30	40.00	800.00		0.00	0
24 + 440.00	20.00	39.90	40.10			0.00	0
24 + 460.00	20.00	41.30	40.60	812.00		0.00	00
24 + 480.00	20.00	37.10	39.20	784.00	· · · · · · · · · · · · · · · · · · ·	0.00	0
24 + 500.00	20.00	32.90	35.00	700.00		0.00	0
24 + 520.00	20.00	35.80	34.35	687.00	·	0.00	0
24 + 540.00	20.00		37.40	748.00		0.00	0
24 + 560.00	20.00	41.80	40.40	808.00	·	0.00	0
24 + 580.00	20.00	43.70	42.75	855.00		0.00	0
24 + 600.00	20.00	45.20	44.45	889.00	· · · · · · · · · · · · · · · · · · ·	0.00	
24 + 620.00	20.00	47.30	46.25	925.00		0.00	0
24 + 640.00	20.00	47.60	47.45	949.00		0.00	Q
24 + 660.00	20.00	47.60	47.60	952.00		0.00	0
24 + 680.00	20.00	48.40	48.00	960.00		0.00	0
24 + 700.00	20.00	46.80	47.60	952.00		0.00	0
24 + 720.00	20.00	40.90	43.85	877.00	<u> </u>	0.00	<u> </u>
24 + 740.00	20.00	35.40	38.15	763.00		0.00	<u>(</u>
24 + 760.00	20.00	48.00	41.70	834.00	<u> </u>	0.00	
24 + 780.00	20.00	48.00	48.00	960.00		0.00	(
24 + 800.00	20.00	48.50	48.25	965.00		0.00	(
24 + 820.00	20.00	48.00	48.25	965.00		0.00	(
24 + 840.00	20.00	47.50	47.75	955.00		0.00	(
24 + 860.00	20.00	47.50	47,50	950.00		0.00	(
24 + 880.00	20.00	48.00	47.75	955.00		0.00	(
24 + 900.00	20.00	47.00	47.50	950.00		0.00	(
24 + 920.00	20.00	47.50	47.25	945.00		0.00	(
24 + 940.00	20.00	50.00	48.75	975.00		0.00	· · · · · · · · · · · · · · · · · · ·
24 + 960.00	20.00	52.00	51.00	1020.00		0.00	(
24 + 980.00	20.00	52,50		1045.00		0.00	
25 + 0.00	20.00	52.00	52,25	1045.00	······································	0.00	
25 + 20.00	20.00	60.00	<u>56.00</u> 60.00	883.74		0.00	
25 + 34.73	14.73	60.00		316.26		0.00	
$\frac{25 + 40.00}{25 + 60.00}$	<u>5.27</u> 20.00	<u> </u>	<u>60.00</u> 60.00	1200.00	·	0.00	
	20.00	60.00		1200.00	······································	0.00	
				1200.00		0.00	
<u>25 + 100.00</u> <u>25 + 120.00</u>	20.00 20.00	60.00	60.00	1200.00	<del></del>	0.00	······································
<u>25 + 120.00</u> 25 + 140.00	20.00	<u>60.00</u> 60.00		1200.00		0.00	
1		45.00		1200.00	·····	0.00	
25 + 160.00 25 + 180.00	20.00	45.00	44.50	890.00		0.00	
25 + 180.00	20.00	44.00		910.00		0.00	
	20.00	47.00		945.00		0.00	
				943.00		0.00	
25 + 240.00	20.00	47.50	47.50	100.00		10.001	

#### MAIN ROAD

STATION		CLEAR SITE								
	DISTANCE	IN OPEN COUNTRY			IN FOREST AREA					
		WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA			
		(m)	(m)	(m2)	(m)	(m)	(n12)			
25 + 248.06	8.06	50.50	49.00	395.04	<u>(m)</u>	0.00	0.0			
25 + 260.00	11.94	51.00	50.75	605.85	·	0.00	0.0			
25 + 280.00	20.00	50.50	50.75	1015.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.0			
25 + 300.00	20.00	50,50	50.50	1010.00		0.00	0.0			
25 + 320.00	20.00	49.50	50.00	1000.00		0.00	0.0			
25 + 340.00	20.00	48.50	49.00	980.00		0.00	0.0			
25 + 360.00	20.00	47.00	47.75	955.00		0.00	0.0			
25 + 380.00	20.00	50.50	48.75	975.00		0.00	0.0			
25 + 400.00	20.00	50.00	50.25	1005.00		0.00	0.0			
25 + 420.00	20.00	50.50	50.25	1005.00		0.00	0.00			
25 + 440.00	20.00	49.00	49.75	995.00		0.00	0.0			
25 + 460.00	20.00	48.50	48.75	975.00		0.00	0.0			
25 + 480.00	20.00	46.50	47.50	950.00		0.00	0.0			
25 + 500.00	20.00	33.90	40.20	804.00		0.00	0.0			
25 + 520.00	20.00	36.50	35.20	704.00		0.00	0.0			
25 + 540.00	20.00	37.50	37.00	740.00	· · · · · · · · · · · · · · · · · · ·	0.00	0.0			
25 + 560.00	20.00	39.00	38.25	765.00	·	0.00	0.0			
25 + 580.00	20.00	39.20	39.10	782.00		0.00	0.0			
25 + 600.00	20.00	39.00	39.10	782.00		0.00	0.0			
25 + 620.00	20.00	38.80	38.90	778.00		0.00	0.0			
25 + 640.00	20.00	39.20	39.00	780.00	·····	0.00	0.0			
25 + 660.00	20.00	39.30	39.25	785.00		0.00	0.0			
25 + 680.00	20.00	40.00	39.65	793.00		0.00	0.0			
25 + 700.00	20.00	40.30	40.15	803.00	·	0.00	0.0			
25 + 720.00	20.00	41.20	40.75	815.00		0.00	0.0			
25 + 740.00	20.00	42.10	41.65	833.00		0.00	0.0			
25 + 760.00	20.00	42.90	42.50	850.00		0.00	0.0			
25 + 780.00	20.00	44.30	43.60	872.00	-	0.00	0.0			
25 + 800.00	20.00	44.00	44.15	883.00	· .	0.00	0.0			
25 + 820.00	20.00	44.60	44.30	886.00		0.00	0.0			
25 + 840.00	20.00	43.80	44.20	884.00		0.00	0.0			
25 + 860.00	20.00	43.00	43.40	868.00		0.00	0.0			
25 + 880.00	20.00	41.30	42.15	843.00		0.00	0.0			
25 + 900.00	20.00	40.80	41.05	821.00		0.00	0.0			
25 + 920.00	20.00	38.90	39.85	797.00		0.00	0.0			
25 + 940.00	20.00	36.70	37.80	756.00		0.00	0.0			
25 + 960.00	20.00	34,70	35.70	714.00		0.00	0.0			
25 + 977.16	17.16	34.10	34.40	590.34		0.00	0.0			
25 + 980.00	2.84	34.10	34.10	96.81	· · · · · · · · · · · · · · · · · · ·	0.00	0.0			
26 + 0.00	20.00	33.10	33.60	672.00		0.00				
26 + 20.00	20.00	36.00	34.55	691.00		0.00	0.0			
26 + 40.00	20.00	44.00	40.00	800.00		0.00	0.0			
26 + 60.00	20.00	55.30	49.65	993.00		0.00	0.(			
26 + 80.00	20.00	56.30	55.80	1116.00	······································	0.00	0.0			
26 + 100.00	20.00	59.80	58.05	1161.00		0.00	0.0			
26 + 120.00	20.00	62.10	60.95	1219.00		0.00	0.0			
26 + 140.00	20.00	62.20	62.15	1243.00		0.00	0.0			
26 + 160.00	20.00	56.40	59.30	1186.00		0.00	0.			
26 + 180.00	20.00	49.80	53.10	1062.00		0.00	0.0			

MAIN ROAD

		IN	OPEN COUNTRY	<u> </u>	IN FOREST AREA		
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
		(m)	(m)	(m2)	(m)	(m)	(m2)
26 + 200.00	20.00	38.80	44.30	886.00		0.00	0
26 + 220.00	20.00	65,10	51.95	1039.00		0.00	0
26 + 240.00	20.00	57.50	61.30	1226.00		0.00	0
26 + 260.00	20.00	81.80	69,65	1393.00		0.00	0
26 + 280.00	20.00	100.80	91.30	1826.00		0.00	0
26 + 300.00	20.00	112.60	106.70	2134.00		0.00	0
26 + 320.00	20.00	114.90	113.75	2275.00	· · · · · · · · · · · · · · · · · · ·	0.00	0
26 + 340.00	20.00	112.20	113,55	2271.00		0.00	. 0
26 + 360.00	20.00	112.40	112.30	2246.00	 	0.00	0
26 + 380.00	20.00	108.60	110.50	2210.00		0.00	0
26 + 400.00	20.00	101.80	105.20	2104.00		0.00	0
26 + 420.00	20.00	89.10	95.45	1909.00		0.00	0
26 + 440.00	20.00	76.30	82.70	1654.00		0.00	0
26 + 460,00	20.00	65.60	70.95	1419.00		0.00	0
26 + 480.00	20.00	47.90	56.75	1135.00	•	0.00	0
26 + 500.00	20.00	48.80	48.35	967.00		0.00	0
26 + 520.00	20.00	42.60	45.70	914.00		0.00	0
26 + 540.00	20,00	37.70	40.15	803.00		0.00	0
26 + 560.00	20.00		38.00	760.00		0.00	0
26 + 580.00	20.00	40.00	39.15	783.00		0.00	0
26 + 600.00	20.00	40.50	40.25	805.00		0.00	0
26 + 620.00	20.00	49.00	44.75	895.00		0.00	0
26 + 640.00	20.00	50.20	49.60	992.00		0.00	
26 + 660.00	20.00	47.30	48.75	975.00		0.00	0
26 + 680.00	20.00	44.20	45.75	915.00		0.00	0
26 + 700.00	20.00	<u>43.50</u> 42.50	43.85	877.00		0.00	0
<u>26 + 720.00</u> 26 + 740.00	20.00 20.00	42.30	<u>43.00</u> 42.00	<u> </u>		0.00	(
26 + 760.00	20.00	40.00	42.00	815.00		0.00	
26 + 780.00	20.00	39.00	39.50	790.00		0.00	
26_+_ 800.00	20.00	37.00	38.00	760.00		0.00	(
26 + 820.00	20.00	36.50	36.75	735.00		0.00	(
26 + 840.00	20.00	36.00	36.25	725.00	······································	0.00	(
26 + 860.00	20.00	37.50	36.75	735.00	······································	0.00	(
26 + 880.00	20.00	36.00	36.75	735.00	····	0.00	(
26 + 900.00	_20.00	37.50		735.00		0.00	(
26 + _ 920.00	20.00	37.50	37.50	750.00		0.00	(
26 + 940.00	20.00	37.00	37.25	745.00		0.00	(
26 + 945.16	5.16	37.00		190.81		.0.00	(
26 + 960.00	14.84	37.50		552.90		0.00	
26 + 980.00	20.00	42.00	39.75	795.00		0.00	(
27_+ 0.00	20.00	44.50		865.00		0.00	
27_+ 20.00	20.00	39.00		835.00		0.00	
27 + 40.00	20.00	37.50		765.00		0.00	
27 + 60.00	20.00	37.50	37.50	750.00		0.00	
27_+ 80.00	20.00	42.00		795.00		0.00	
27 + 100.00	20.00	42.00		840.00		0.00	
27 + 120.00	20.00	36.50	39.25	785.00		0,00	
27 + 140.00	20.00	34.50	35.50	710.00		0.00	

	-	IN OPEN COUNTRY			IN FOREST AREA		
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA
		<u>(m)</u>	(m)	(m2)	(m)	(m)	(m2)
27 + 160.00	20.00	33.50	34.00	680.00		0,00	
27 + 180.00	20.00	37.50	35.50	710.00		0.00	
27 + 200.00	20.00	36.50	37.00	740.00		0.00	
27 + 220.00	20.00	35.50	36.00	720.00		0.00	
27 + 240.00	20.00	37.50	36.50	730.00		0.00	
27 + 260.00	20.00	34.30	35.90	718.00		0.00	
27 + 280.00	20.00	34.50	34.40	688.00	**	0.00	
27 + 300.00	20.00	35.00	34.75	695.00		0.00	
27 + 320.00	20.00	35.50		705.00		0.00	
27 + 340.00	20.00	35.00	35.25	705.00		0.00	(
27 + 360.00	20.00	35.50	35.25	705.00		0.00	
<u>27 + 380.00</u> 27 + 400.00	20.00 20.00	<u>37.50</u> 36.50	<u>36.50</u> 37.00	730.00	······································	0.00	(
27 + 420.00	20.00	30.30	36.75	735.00		0.00	
27 + 420.00	20.00	37.00	1-1-1	735.00		0.00	
27 + 460.00	20.00	36.50	36.00	720.00		0.00	 
27 + 480.00	20.00	37.50	37.00	740.00		0.00	
27 + 500.00	20.00	39.50	·····	770.00		0.00	
27 + 520.00	20.00	39.00		785.00		0.00	
27 + 540.00		39.50		785.00		0.00	· · · ·
27 + 560.00	20.00	39.00	39.25	785.00	<u></u>	0.00	
27 + 580.00	20.00	39.50	39,25	785.00	· · · · · · · · · · · · · · · · · · ·	0.00	
27 + 600.00	20.00	38.50	39.00	780.00		0.00	
27 + 620.00	20.00	37.00	37.75	755.00		0.00	
27 + 640.00	20.00	37.50	37.25	745.00		0.00	
27 + 660.00	20.00	36.50	37.00	740.00	:	0.00	· .
27 + 669.80	9.80	37.00		360.15		0.00	
27 + 680.00	10.20	37.00	37.00	377.40		0.00	
27 + 700.00	20.00	36.50	36.75	735.00		0.00	
27 + 720.00	20.00	36.50	36.50	730.00		0.00	
27 + 740.00	20.00	31.00	33.75	675.00		0.00	
27 + 760.00	20.00	33.50	32.25	645.00		0.00	<u></u>
27 + 780.00	20.00	31.00	32.25	645.00		0.00	
27 + 800.00	20.00	29.50		605.00	······································	0.00	
27 + 820.00		32.00	<u> </u>	615,00	· · · · · · · · · · · · · · · · · · ·	0.00	· · ·
27 + 829.80		33.00		318.50		0.00	<del></del>
27 + 840.00		34.00		341.70		0.00	<u> </u>
27 + 860.00		37.00		710.00		0.00	
27 + 880.00		45.50		825,00		0.00	
27 + 900.00		43.50		890.00	······································	0.00	
27 + 920.00		42.00		855.00		0.00	
27 + 940.00		42.00		840.00		0.00	,
27 + 960.00		41.50		835.00		0.00	
27 + 980.00		38.50		800.00		0.00	<u> </u>
28 + 0.00		36.00		745.00	••••••••••••••••••••••••••••••••••••••	0.00	·····
28 + 20.00		35.50	1	715.00		0.00	
28 + 40.00		/ 32.50		680.00 660.00		0.00	
<u>28 + 60.00</u> 28 + 80.00		<u>33.50</u> 35.00	1	685.00		0.00	

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#### COMPUTATION OF SITE CLEARANCE AREAS BULLE AKEAS

		CLEAR SITE							
	. –	IN OPEN COUNTRY			IN FOREST AREA				
STATION	DISTANCE	WIDTH	AVERAGE	AREA	WIDTH	AVERAGE	AREA		
				Ì					
		(m)	<u>(m)</u>	<u>(m2)</u>	<u>(m)</u>	(m)	(m2)		
28 + 100.00	20.00	34.50	34.75	695.00		0.00	0.0		
28 + 120.00	20.00	34,00	34.25	685.00		0.00	0.0		
28 + 120.00	0.00	52.10	43.05	0.00		0.00	0.0		
28 + 140.00	20.00	59.80	55.95	1119.00		0.00	0.0		
28 + 160.00	20.00	59.60	59,70	1194.00	·	0.00	0.0		
28 + 180.00	20.00	60.80	60,20	1204.00		0.00	0.0		
28 + 200.00	20.00	60.70	60.75	1215.00		0.00	0.0		
28 + 220.00	20.00	31.80	46.25	925.00		0.00	0.0		
28 + 240,00	20.00	42.95	37.38	747.50		0.00	0.0		
28 + 244.06	4.06	42.95	42.95	174.55		0.00	0.0		
28 + 244.06	0.00	27.00	34.98	0.00		0.00	0.0		
28 + 260.00	15.94	27.00	27.00	430.27		0.00	0.0		
28 + 280.00	20.00	26.50	26.75	535.00	·	0.00	0.0		
28 + 289.49	9.49	26.00	26.25	249.09	· · · · · · · · · · · · · · · · · · ·	0.00	0.0		
28 + 300.00	10.51	26.00	26.00	273.29		0.00	0.0		
28 + 320.00	20.00	28.00	27.00	540.00		0.00	0.0		
28 + 333.00	13.00	28.00	28.00	364.00	•	0.00	0.0		
28 + 333.00	0.00	23.50	25.75	0.00		0.00	0.0		
28 + 340.00	7.00	23.50	23.50	164.50		0.00	0.(		
28 + 360.00	20.00	26.80	25.15	503.00		0.00	0.0		
28 + 380.00	20.00	25.50	26.15	523.00	· · · · · · · · · · · · · · · · · · ·	0.00	.0.		
28 + 400.00	20.00	48.00	36.75	735.00		0.00	0.0		
28 + 416.09	16.08	19.00	33.50	538.85		0.00	0.0		
TOTAL	28600.96			886450.10			417835.4		

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