

72°58'48.000"

72°59'24.000"

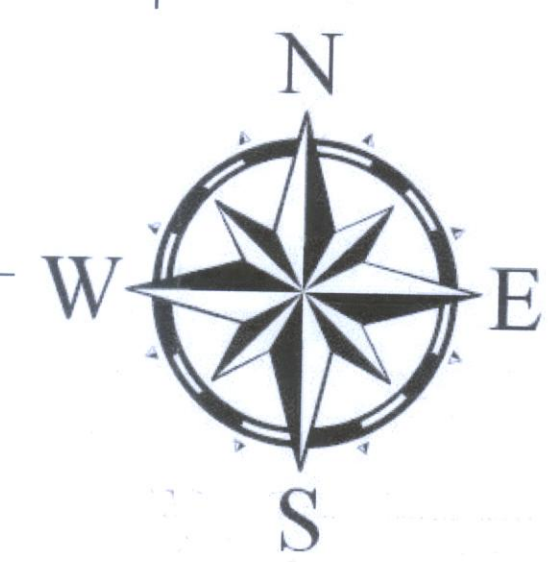
73°0'0.000"

73°0'36.000"

PROJECT NAME: CONSTRUCTION OF PROPOSED GHANSOLI- AIROLI CREEK BRIDGE BY NAVI MUMBAI MUNICIPAL CORPORATION (NMMC)

GEO- REFERENCED MAP OF THE FOREST LAND PROPOSED TO BE DIVERTED.

CITY ENGINEER
Navi Mumbai Municipal Corporation



Scale- 1 :5000

STARTING, TURNING, ENDING AND CORNER POINT COORDINATES

FOREST PATCH COORDINATES (Ghansoli)			
Point ID	Longitude	Latitude	Gut/ Sur. Number
A1	72° 59' 18.320"E	19° 7' 38.897"N	109
A2	72° 59' 18.830"E	19° 7' 39.291"N	109
A3	72° 59' 19.270"E	19° 7' 39.740"N	109
A4	72° 59' 18.489"E	19° 7' 42.349"N	109
A5	72° 59' 17.694"E	19° 7' 43.104"N	109
A6	72° 59' 17.044"E	19° 7' 43.673"N	109
A7	72° 59' 18.455"E	19° 7' 39.105"N	109
A8	72° 59' 18.250"E	19° 7' 39.143"N	109
B1	72° 59' 18.463"E	19° 7' 42.426"N	109
B2	72° 59' 17.389"E	19° 7' 45.445"N	109
B3	72° 59' 16.821"E	19° 7' 45.385"N	109
B4	72° 59' 16.422"E	19° 7' 45.344"N	109
B5	72° 59' 16.674"E	19° 7' 44.684"N	109
B6	72° 59' 17.024"E	19° 7' 43.729"N	109
B7	72° 59' 17.627"E	19° 7' 43.404"N	109
B8	72° 59' 17.921"E	19° 7' 42.887"N	109
B9	72° 59' 18.305"E	19° 7' 42.607"N	109

FOREST PATCH COORDINATE (Talavali)			
Point ID	Longitude	Latitude	Gut/ Sur. Number
C1	72° 59' 17.387"E	19° 7' 45.449"N	184
C2	72° 59' 14.019"E	19° 7' 52.864"N	184/ 195(NM)
C3	72° 59' 13.549"E	19° 7' 53.815"N	195(NM)/ Undefined Mangroves
C4	72° 59' 12.400"E	19° 7' 54.030"N	195(NM)/ Undefined Mangroves
C5	72° 59' 13.143"E	19° 7' 52.526"N	184/ 195(NM)
C6	72° 59' 14.026"E	19° 7' 50.741"N	184
C7	72° 59' 15.706"E	19° 7' 47.104"N	184
C8	72° 59' 16.098"E	19° 7' 46.549"N	184
C9	72° 59' 16.421"E	19° 7' 45.345"N	184
C10	72° 59' 16.700"E	19° 7' 45.375"N	184
C11	72° 59' 17.072"E	19° 7' 46.065"N	184
C12	72° 59' 16.821"E	19° 7' 45.388"N	184

FOREST PATCH COORDINATE			
Point ID	Longitude	Latitude	
D1	72° 59' 13.212"E	19° 7' 54.498"N	
D2	72° 59' 12.035"E	19° 7' 54.759"N	
D3	72° 59' 12.747"E	19° 7' 54.245"N	
E1	72° 59' 12.619"E	19° 7' 55.696"N	
E2	72° 59' 11.401"E	19° 7' 56.049"N	
E3	72° 59' 11.102"E	19° 7' 56.655"N	
E4	72° 59' 12.397"E	19° 7' 56.145"N	

FOREST PATCH COORDINATES (Dive)			
Point ID	Longitude	Latitude	Gut/ Sur. Number
F1	72° 59' 13.901"E	19° 7' 57.149"N	398(NM)
F2	72° 59' 10.243"E	19° 7' 58.391"N	398(NM)
F3	72° 59' 11.681"E	19° 7' 56.266"N	398(NM)
G1	72° 59' 8.421"E	19° 8' 4.188"N	308
G2	72° 59' 8.062"E	19° 8' 4.356"N	308
G3	72° 59' 7.218"E	19° 8' 5.007"N	308
G4	72° 59' 6.571"E	19° 8' 5.209"N	308
G5	72° 59' 6.504"E	19° 8' 5.953"N	308
G6	72° 59' 7.059"E	19° 8' 4.831"N	308
G7	72° 59' 7.441"E	19° 8' 4.058"N	308
G8	72° 59' 8.663"E	19° 8' 3.558"N	308
H1	72° 59' 8.279"E	19° 8' 4.474"N	308
H2	72° 59' 7.950"E	19° 8' 5.140"N	308
H3	72° 59' 7.080"E	19° 8' 5.517"N	308
I1	72° 59' 6.396"E	19° 8' 6.344"N	308
J1	72° 59' 7.842"E	19° 8' 5.358"N	308
J2	72° 59' 6.864"E	19° 8' 6.083"N	308
J3	72° 59' 6.094"E	19° 8' 6.783"N	308
J4	72° 59' 5.147"E	19° 8' 8.699"N	308
J5	72° 59' 4.800"E	19° 8' 9.400"N	308
J6	72° 59' 4.142"E	19° 8' 10.731"N	308
J7	72° 59' 4.143"E	19° 8' 10.979"N	308
J8	72° 59' 3.984"E	19° 8' 11.050"N	308
J9	72° 59' 2.613"E	19° 8' 13.823"N	308
J10	72° 59' 3.082"E	19° 8' 13.805"N	308
J11	72° 59' 5.038"E	19° 8' 10.566"N	308
J12	72° 59' 5.471"E	19° 8' 10.153"N	308
J13	72° 59' 7.322"E	19° 8' 6.410"N	308
L1	72° 59' 1.638"E	19° 8' 17.578"N	308
L2	72° 59' 1.735"E	19° 8' 17.880"N	308
L3	72° 59' 2.146"E	19° 8' 18.754"N	308
L4	72° 59' 1.543"E	19° 8' 19.699"N	308
L5	72° 59' 1.925"E	19° 8' 22.524"N	308
L6	72° 59' 1.791"E	19° 8' 22.883"N	308
L7	72° 59' 1.414"E	19° 8' 18.277"N	308
L8	72° 59' 1.626"E	19° 8' 18.273"N	308
M1	72° 59' 2.610"E	19° 8' 29.924"N	308
M2	72° 59' 2.244"E	19° 8' 30.927"N	308
M3	72° 59' 2.771"E	19° 8' 30.110"N	308
N1	72° 59' 2.834"E	19° 8' 31.320"N	308
N2	72° 59' 3.013"E	19° 8' 32.243"N	308
N3	72° 59' 3.051"E	19° 8' 32.484"N	308
N4	72° 59' 3.245"E	19° 8' 33.211"N	308
N5	72° 59' 3.345"E	19° 8' 34.294"N	308
N6	72° 59' 2.868"E	19° 8' 31.722"N	308
O1	72° 59' 3.537"E	19° 8' 35.389"N	308
O2	72° 59' 3.881"E	19° 8' 36.083"N	308
O3	72° 59' 4.030"E	19° 8' 37.799"N	308
O4	72° 59' 4.463"E	19° 8' 39.128"N	308
O5	72° 59' 4.593"E	19° 8' 39.973"N	308
O6	72° 59' 3.664"E	19° 8' 36.118"N	308
P1	72° 59' 5.009"E	19° 8' 41.067"N	308
P2	72° 59' 5.726"E	19° 8' 42.106"N	308
P3	72° 59' 7.068"E	19° 8' 44.238"N	308
P4	72° 59' 8.831"E	19° 8' 47.778"N	308
P5	72° 59' 11.630"E	19° 8' 50.896"N	308
P6	72° 59' 9.545"E	19° 8' 47.962"N	308
P7	72° 59' 9.369"E	19° 8' 48.075"N	308
P8	72° 59' 6.666"E	19° 8' 44.226"N	308
P9	72° 59' 6.966"E	19° 8' 44.052"N	308
P10	72° 59' 5.925"E	19° 8' 42.632"N	308
Q1	72° 59' 5.736"E	19° 8' 42.630"N	308
Q2	72° 59' 11.882"E	19° 8' 51.088"N	308
Q3	72° 59' 11.872"E	19° 8' 52.754"N	308
R1	72° 59' 12.722"E	19° 8' 51.245"N	308
R2	72° 59' 12.971"E	19° 8' 52.953"N	308
R3	72° 59' 13.086"E	19° 8' 54.864"N	308
R4	72° 59' 12.923"E	19° 8' 54.908"N	308
S1	72° 59' 13.002"E	19° 8' 54.910"N	90
S2	72° 59' 13.088"E	19° 8' 54.889"N	90
S3	72° 59' 13.132"E	19° 8' 55.054"N	90
S4	72° 59' 13.075"E	19° 8' 56.207"N	90
S5	72° 59' 13.102"E	19° 8' 54.016"N	308
T1	72° 59' 5.361"E	19° 8' 58.414"N	308
T2	72° 59' 4.778"E	19° 8' 58.505"N	308
U1	72° 58' 59.508"E	19° 9' 0.533"N	308
U2	72° 58' 59.488"E	19° 9' 0.537"N	308
U3	72° 58' 59.470"E	19° 9' 0.527"N	308
U4	72° 58' 59.403"E	19° 9' 0.529"N	308
U5	72° 58' 59.403"E	19° 9' 0.527"N	308
U6	72° 58' 59.403"E	19° 9' 0.529"N	308
U7	72° 58' 59.403"E	19° 9' 0.527"N	308
U8	72° 58' 59.403"E	19° 9' 0.529"N	308
U9	72° 58' 59.403"E	19° 9' 0.527"N	308
U10	72° 58' 59.403"E	19° 9' 0.529"N	308
V1	72° 58' 57.594"E	19° 9' 0.860"N	399(NM)
V2	72° 58' 57.576"E	19° 9' 0.711"N	399(NM)
V3	72° 58' 58.185"E	19° 9' 0.531"N	399(NM)
W1	72° 59' 2.467"E	19° 9' 1.018"N	308
W2	72° 59' 2.178"E	19° 9' 1.068"N	308
W3	72° 59' 2.003"E	19° 9' 1.068"N	308
W4	72° 59' 2.138"E	19° 9' 1.216"N	308
W5	72° 59' 2.561"E	19° 9' 1.639"N	308
X1	72° 59' 8.754"E	19° 9' 3.800"N	308
X2	72° 59' 9.397"E	19° 9' 5.142"N	308
Y1	72° 59' 8.850"E	19° 9' 5.462"N	308
Y2	72° 59' 9.144"E	19° 9' 5.745"N	308
Y3	72° 59' 9.197"E	19° 9' 5.615"N	308
Z1	72° 59' 8.955"E	19° 9' 6.482"N	95
Z2	72° 59' 9.110"E	19° 9' 6.508"N	95
Z3	72° 59' 9.159"E	19° 9' 6.428"N	95

LEGEND

- Proposed Alignment
- Mangrove (Dense)/ Adjoining Forest Land
- Mangrove (Sparse)/ Adjoining Forest Land
- Creek
- Mudflat
- Waterbody
- Chainage
- Geo- Coordinate

ITEM-WISE DETAILED AREA STATEMENT CONSTRUCTION OF PROPOSED GHANSOLI TO AIROLI CREEK BRIDGE BY NAVI MUMBAI MUNICIPAL CORPORATION (NMMC)												
Sr No	Item of Work/ Component	Village/ District	Gut No./ S.No	Length (m) s Width (m)	Forest land requirement			Non-forest land requirement			Total Area (Ha.) – Forest/Non forest	
					Area		Legal Status of Forest	Remark	Area			
					Sq.Mt.	Ha.			Gut No./ S.No.	Length (m) s Width (m)		Sq.Mt.
1	Road on Embankment-1	Ghansoli/ Thane	109	Integral	76.1402	0.0076	RF U/S-20 of PA-1927	287	Integral	7.6703	0.008	
2								279	Integral	0.7143	0.008	
3								288	Integral	44.7070	0.1772	0.008
4								11	Integral	11.1440	0.044	0.008
5								290	Integral	84.5175	0.045	0.008
6	Creek over Bridge	Ghansoli/ Thane	109	Integral	187.6547 x 27.6	0.5179	RF U/S-20 of PA-1927	292	Integral	266.0531	0.343	
7								109	Integral	15.9554	0.004	
8								291	Integral	1.098 x 27.6	0.0030	
9								109	Integral	20.6201	0.003	
10								6156.7018	6.1457	1.1412		
11	Sub Total of Ghansoli Village		195(NM)	45.3910 x 27.6	1252.7927	0.1335	-	-	0.0000	0.0000	1.1412	
12	Sub Total of Ghansoli Village		195(NM)	45.3910 x 27.6	1252.7927	0.1335	-	-	0.0000	0.0000	0.7998	
13	Creek over Bridge	Unsurveyed	Integral	998.4211	0.0098	Un-surveyed Mangrove in per MISCAC Map	Creek	Integral	1132.4128	0.1132		
14							308	Integral	1371.8313	0.013		
15							308	Integral	1371.8313	0.013		
16							308	Integral	1371.8313	0.013		
17							308	Integral	1371.8313	0.013		
18	Road on Embankment-2	308	Integral	1363.8204	0.1365	RF U/S-20 of PA-1927	308	Integral	1371.8313	0.013		
19							308	Integral	1371.8313	0.013		
20							308	Integral	1371.8313	0.013		
21							308	Integral	1371.8313	0.013		
22							308	Integral	1371.8313	0.013		
23	4 Lane Flyover with Slip Road	308	Integral	3910.0120	0.3910	RF U/S-20 of PA-1927	151	Integral	17.6564	0.018		
24	4 Lane & Additional Ramp	308	Integral	853.6409	0.0854	RF U/S-20 of PA-1927	151	Integral	17.6564	0.018		
25	2 Lane Flyover	Dive/Thane	90	Integral	1.9393	0.0062	Un-surveyed Mangrove in per MISCAC Map	308	Integral	5393.8645	0.5384	
26								90	Integral	13.8279	0.016	
27								Integral	1379.4886	0.1359		
28								Integral	237.4318	0.024		
29								Integral	237.4318	0.024		
30								Integral	237.4318	0.024		
31								Integral	237.4318	0.024		
32								Integral	237.4318	0.024		
33								Integral	237.4318	0.024		
34								Integral	237.4318	0.024		
35								Integral	237.4318	0.024		
36								Integral	237.4318	0.024		
37								Integral	237.4318	0.024		
38								Integral	237.4318	0.024		
39								Integral	237.4318	0.024		
40								Integral	237.4318	0.024		
41								Integral	237.4318	0.024		
42								Integral	237.4318	0.024		
43								Integral	237.4318	0.024		
44								Integral	237.4318	0.024		
45	Integral	237.4318	0.024									
46	2-Lane Loop Towards Anoli	Dive/Thane	90	Integral	1.9393	0.0062	Un-surveyed Mangrove in per MISCAC Map	308	Integral	5393.8645	0.5384	
47								90	Integral	13.8279	0.016	
48								Integral	1379.4886	0.1359		
49								Integral	237.4318	0.024		
50								Integral	237.4318	0.024		
51								Integral	237.4318	0.024		
52								Integral	237.4318	0.024		
53								Integral	237.4318	0.024		
54								Integral	237.4318	0.024		
55								Integral	237.4318	0.024		
56								Integral	237.4318	0.024		
57								Integral	237.4318	0.024		
58								Integral	237.4318	0.024		
59								Integral	237.4318	0.024		
60								Integral	237.4318	0.024		
61	U-Loop Ramp	308	Integral	2618.0190	0.2618	RF U/S-20 of PA-1927	308	Integral	1424.3970	0.1424		
62							308	Integral	1424.3970	0.1424		
63							308	Integral	1424.3970	0.1424		
64							308	Integral	1424.3970	0.1424		
65							308	Integral	1424.3970	0.1424		
66	2-Lane down Ramp Towards Midland	399(NM)	65.1144 x 8.5	319.7323	0.0319	RF U/S-20 of PA-1927	308	Integral	1424.3970	0.1424		
67							308	Integral	1424.3970	0.1424		
68							308	Integral	1424.3970	0.1424		
69							308	Integral	1424.3970	0.1424		
70							308	Integral	1424.3970	0.1424		
71	Sub Total of Dive Village		399(NM)	65.1144 x 8.5	319.7323	0.0319	-	-	0.0000	0.0000	8.6265	
72	Grand Total		20869.1246	2.0869	3995.53106	3.9956	6555.3228	6.5552	10.5675			