MONARCH/PMC MONARCH/PMC-AAI/AN_14694
SHOP ACT LICENSE No. 1831000311939271

Date - 13/01/2025

To,

Nelwade Shantaram

Village :kothrud Taluka :Barshi District :Solapur

Mumbai, Maharashtra

SUB: **AUTHENTICATION OF CO-ORDINATES,AMSL,HEIGHTS AND AERIAL DISTANCE REGARDING**

Survey No.- 58, Hissa No.- 58/1/1/1/1, 58/1/1/2, 58/2, 58/4/1, 58/11/7, 58/11/8,

Village- Kondhwa Khurd, Taluka - Haveli, District - Pune-411048

Sir,

With reference to above Site, the Co-ordinates, Aerial Distance and AMSL, Heigths of site shown by you are given in Annexure - I which is enclosed herewith for purpose of Airport NOC.

For Monarch Surveyors & Engineering Consultants Ltd.

Director

Enclosure:
i) Annexure – IA & IB
ii) Toposheet for reference purpose only.
iii) Survey of India Receipt number_____ dated_____has been enclosed for evidence of topo sheet purchase which is Annexure 02.

Annexure - IA (Co-Ordinates Of Site/Plot)

Sr. No	Description of Pillars	Co-ordinates (in WGS-84)		AMSL, height of Co-ordinates given in column(C) in meters	Aerial Distance between Co-ordinates given in column (C) and ARP of NDA, Pune	Aerial Distance between Co-ordinates given in column (C) and ARP of ARP LOHEGAON, Pune	Remarks
		Latitude	Longitude				
(A)	(B)	(C)		(D)	(E)	(F)	(G)
1	Point No. P1 :- Differential GPS Observation taken on Ground IN STATIC mode	73°53'0.2725"	18°33'51.3661"	558.303	11.90 KM	4.06 KM	
2	Point No. P2 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'59.8546"	18°33'47.8842"	556.389	11.88 KM	4.08 KM	
3	Point No. P3 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'59.4578"	18°33'44.7989"	555.531	11.86 KM	4.10 KM	
4	Point No. P4 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'55.2188"	18°33'44.8371"	555.49	11.74 KM	4.23 KM	
5	Point No. P5 :- Differential GPS Observation taken	73°52'51.2975"	18°33'44.8382"	554.378	11.62 KM	4.35 KM	

	on Ground IN STATIC mode						
6	Point No. P6 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'46.3405"	18°33'44.8550"	553.599	11.47 KM	4.50 KM	
7	Point No. P7 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'42.7174"	18°33'44.8480"	553.433	11.36 KM	4.61 KM	
8	Point No. P8 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'40.2313"	18°33'44.8407"	558.6	11.29 KM	4.68 KM	
9	Point No. P9 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'40.4990"	18°33'49.0475"	554.876	11.30 KM	4.67 KM	
10	Point No. P10 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'39.9064"	18°33'51.7209"	555.644	11.29 KM	4.69 KM	
11	Point No. P11 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'39.9159"	18°33'54.0318"	556.707	11.30 KM	4.68 KM	
12	Point No. P12 :- Differential GPS Observation taken	73°52'41.3539"	18°33'54.5841"	557.12	11.34 KM	4.64 KM	

	on Ground IN STATIC mode						
13	Point No. P13 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'44.7902"	18°33'54.0004"	557.665	11.44 KM	4.53 KM	
14	Point No. P14 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'47.8681"	18°33'53.4915"	558.595	11.53 KM	4.44 KM	
15	Point No. P15 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'52.8223"	18°33'52.6460"	559.019	11.68 KM	4.29 KM	
16	Point No. P16 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'56.5244"	18°33'52.0789"	559.048	11.79 KM	4.18 KM	
17	Point No. B1 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'59.2386"	18°33'51.2531"	558.825	11.87 KM	4.10 KM	
18	Point No. B2 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'59.2145"	18°33'49.8067"	557.847	11.87 KM	4.10 KM	
19	Point No. B4 :- Differential GPS Observation taken	73°52'56.3225"	18°33'51.4625"	558.774	11.78 KM	4.18 KM	

	on Ground IN STATIC mode						
20	Point No. B3 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'56.3864"	18°33'49.9563"	558.036	11.78 KM	4.18 KM	
21	Point No. B5 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'55.9517"	18°33'51.5380"	558.465	11.77 KM	4.20 KM	
22	Point No. B6 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'54.5451"	18°33'51.5397"	558.569	11.73 KM	4.24 KM	
23	Point No. B7 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'54.5642"	18°33'49.8069"	557.747	11.73 KM	4.24 KM	
24	Point No. B8 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'55.9574"	18°33'49.8221"	558.244	11.77 KM	4.20 KM	
25	Point No. B9 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'55.8828"	18°33'49.2372"	557.646	11.77 KM	4.20 KM	
26	Point No. B10 :- Differential GPS Observation taken	73°52'54.1382"	18°33'49.2437"	557.488	11.71 KM	4.25 KM	

	on Ground IN STATIC mode						
27	Point No. B11 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'54.1420"	18°33'47.6824"	556.717	11.71 KM	4.26 KM	
28	Point No. B12 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'55.8864"	18°33'47.6688"	556.84	11.76 KM	4.20 KM	
29	Point No. B13 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'55.8993"	18°33'47.0088"	556.631	11.76 KM	4.20 KM	
30	Point No. B14 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'54.1522"	18°33'47.0081"	556.16	11.71 KM	4.26 KM	
31	Point No. B15 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'54.1339"	18°33'45.3643"	555.13	11.71 KM	4.26 KM	
32	Point No. B16 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'55.8725"	18°33'45.3568"	555.871	11.76 KM	4.21 KM	
33	Point No. B17 :- Differential GPS Observation taken	73°52'57.3899"	18°33'45.3625"	555.1	11.80 KM	4.16 KM	

	on Ground IN STATIC mode						
34	Point No. B18 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'57.3863"	18°33'47.0189"	556.632	11.81 KM	4.16 KM	
35	Point No. B19 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'59.1182"	18°33'47.0110"	556.366	11.86 KM	4.11 KM	
36	Point No. B20 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'59.1425"	18°33'45.3366"	556.045	11.86 KM	4.11 KM	
37	Point No. B21 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'47.6898"	18°33'45.3789"	553.675	11.51 KM	4.46 KM	
38	Point No. B22 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'45.9720"	18°33'45.3784"	558.3	11.46 KM	4.51 KM	
39	Point No. B23 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'45.9542"	18°33'47.0560"	554.06	11.46 KM	4.51 KM	
40	Point No. B24 :- Differential GPS Observation taken	73°52'47.7010"	18°33'47.0439"	554.831	11.52 KM	4.45 KM	

	on Ground IN STATIC mode						
41	Point No. B25 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'48.6684"	18°33'47.8437"	555.417	11.55 KM	4.42 KM	
42	Point No. B26 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'50.4132"	18°33'47.7914"	556.225	11.60 KM	4.37 KM	
43	Point No. B27 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'50.4126"	18°33'49.2508"	556.095	11.60 KM	4.37 KM	
44	Point No. B28 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'48.6641"	18°33'49.2535"	555.539	11.55 KM	4.42 KM	
45	Point No. B29 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'47.7044"	18°33'49.8011"	555.82	11.52 KM	4.45 KM	
46	Point No. B30 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'47.7057"	18°33'51.4676"	557.001	11.53 KM	4.45 KM	
47	Point No. B31 :- Differential GPS Observation taken	73°52'45.9052"	18°33'51.4930"	555.953	11.47 KM	4.50 KM	

	on Ground IN STATIC mode						
48	Point No. B32 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'45.9376"	18°33'49.7865"	555.375	11.47 KM	4.50 KM	
49	Point No. B33 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'42.6600"	18°33'49.1832"	555.759	11.37 KM	4.61 KM	
50	Point No. B34 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'42.6487"	18°33'47.5261"	554.554	11.37 KM	4.61 KM	
51	Point No. B35 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'40.9088"	18°33'47.5248"	553.897	11.31 KM	4.66 KM	
52	Point No. B36 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'40.9144"	18°33'49.1871"	554.81	11.32 KM	4.66 KM	
53	Point No. B37 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'40.8506"	18°33'52.0267"	556.239	11.32 KM	4.66 KM	
54	Point No. B38 :- Differential GPS Observation taken	73°52'43.0831"	18°33'52.0292"	556.548	11.39 KM	4.59 KM	

	on Ground IN STATIC mode						
55	Point No. B39 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'43.0746"	18°33'53.8608"	557.114	11.39 KM	4.59 KM	
56	Point No. B40 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'40.8530"	18°33'53.8683"	556.587	11.33 KM	4.66 KM	
57	Point No. B41 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'43.6546"	18°33'53.4808"	557.728	11.41 KM	4.57 KM	
58	Point No. B42 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'44.1842"	18°33'53.4771"	557.467	11.42 KM	4.55 KM	
59	Point No. B43 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'44.1788"	18°33'53.1874"	557.293	11.42 KM	4.55 KM	
60	Point No. B44 :- Differential GPS Observation taken on Ground IN STATIC mode	73°52'43.6549"	18°33'53.1933"	557.382	11.41 KM	4.57 KM	

Note:

i. The Co-ordinates given in column (C) of above table are of Points shown by Applicant in his site.These Co-ordinates are based on observations of Differential GPS instrument in STATIC mode and they are in WGS84 Co- ordinates system.
ii. The heights given in column (D) are based on the Height of Reference station which is connected to SOI GTS BM using DT levelling.
iii. Monarch Surveyors & Engineering Consultants Pvt. Ltd. is not responsible for
iv. the correctness of the Survey Nos. / Gut Nos./ Hissa Nos, address and ownership of property.Responsibility of correctness of said details lies with the
v. Applicant. This certificate is being issued on Applicants request vide Letter
vi. under reference in covering letter only to enable him to apply for the clearance from the concerned authorities. This certificate to be used only for the purpose
vii. for which it is indented and not to be used for any other purpose. No request
viii. for any change in the above certificate will be entertained after issuance. Accuracy of Co-ordinates is ± 1 m and Aerial distnace rounded off up to first
ix. decimal of Km.
x. The distance between point P4 and IAF compound wall of NDA is calculated based on satellite image available on Google Earth and it may vary by ± 20 m

For Monarch Surveyors & Engineering Consultants Ltd.

Director

Enclosure: Relevant topo sheet has been enclosed for reference purpose only and centre of the plot, as elaborated in Annexure 01, with various point numbers have been circled with round stamp, with center of the stamp being centre of the plot (for easy identification purpose only)