

Date - 13/01/2025

To,

lad mamnali

Village :varkheda Taluka :mulshi District :pune

hfjfkfl

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,
Heights 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°52'56.0487" | 18°28'38.1182" | 660.36 | 11.43 KM | 5.29 KM | |
| 2 | Point No. P2 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'55.9878" | 18°28'37.6230" | 660.558 | 11.43 KM | 5.29 KM | |
| 3 | Point No. P3 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'53.9743" | 18°28'38.0644" | 661.461 | 11.37 KM | 5.34 KM | |
| 4 | Point No. P4 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'53.8471" | 18°28'37.4073" | 660.661 | 11.36 KM | 5.34 KM | |
| 5 | Point No. P5 :- Differential GPS Observation taken | 73°52'55.2163" | 18°28'37.1005" | 659.656 | 11.40 KM | 5.31 KM | |

| | | | | | | | |
|----|--|----------------|----------------|---------|----------|---------|--|
| | on Ground IN STATIC mode | | | | | | |
| 6 | Point No. P6 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'55.1270" | 18°28'36.6868" | 659.608 | 11.40 KM | 5.32 KM | |
| 7 | Point No. P7 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'57.1497" | 18°28'36.4557" | 658.949 | 11.46 KM | 5.27 KM | |
| 8 | Point No. P8 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'57.1953" | 18°28'36.7073" | 658.973 | 11.47 KM | 5.27 KM | |
| 9 | Point No. P9 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'57.0811" | 18°28'36.7296" | 658.76 | 11.46 KM | 5.27 KM | |
| 10 | Point No. P10 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'57.2274" | 18°28'37.4117" | 658.937 | 11.47 KM | 5.26 KM | |
| 11 | Point No. P11 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'58.0278" | 18°28'37.2936" | 658.336 | 11.49 KM | 5.24 KM | |
| 12 | Point No. P12 :- Differential GPS Observation taken | 73°52'58.1086" | 18°28'37.8198" | 659.043 | 11.49 KM | 5.24 KM | |

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|----|---|----------------|---------------------|---------|----------|---------|--|
| | on Ground IN STATIC mode | | | | | | |
| 13 | Point No. B1 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'55.4721" | 18°28'37.5746" " | 659.466 | 11.41 KM | 5.30 KM | |
| 14 | Point No. B2 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'54.0978" | 18°28'37.8790" " | 660.98 | 11.37 KM | 5.34 KM | |
| 15 | Point No. B3 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'54.0068" | 18°28'37.5124" " | 660.789 | 11.37 KM | 5.34 KM | |
| 16 | Point No. B4 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'55.3832" | 18°28'37.2073" " | 659.497 | 11.41 KM | 5.31 KM | |
| 17 | Point No. B5 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'55.5736" | 18°28'36.9295" " | 659.547 | 11.42 KM | 5.31 KM | |
| 18 | Point No. B6 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'55.5438" | 18°28'36.7432" " | 659.182 | 11.41 KM | 5.31 KM | |
| 19 | Point No. B7 :- Differential GPS Observation taken | 73°52'55.7555" | 18°28'36.7118" " | 658.912 | 11.42 KM | 5.30 KM | |

| | | | | | | | |
|----|--|----------------|--------------------|---------|----------|---------|--|
| | on Ground IN STATIC mode | | | | | | |
| 20 | Point No. B8 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'55.7848" | 18°28'36.8979 " | 659.448 | 11.42 KM | 5.30 KM | |
| 21 | Point No. B9 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'56.3538" | 18°28'37.8859 " | 659.72 | 11.44 KM | 5.28 KM | |
| 22 | Point No. B10 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'56.1722" | 18°28'36.7291 " | 658.839 | 11.43 KM | 5.29 KM | |
| 23 | Point No. B11 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'56.7675" | 18°28'36.6453 " | 658.745 | 11.45 KM | 5.28 KM | |
| 24 | Point No. B12 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'56.9484" | 18°28'37.8011 " | 659.591 | 11.46 KM | 5.27 KM | |
| 25 | Point No. B13 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'57.3617" | 18°28'37.7928 " | 659.148 | 11.47 KM | 5.26 KM | |
| 26 | Point No. B14 :- Differential GPS Observation taken | 73°52'57.9993" | 18°28'37.7009 " | 658.736 | 11.49 KM | 5.24 KM | |

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|----|--|----------------|----------------|---------|----------|---------|--|
| | on Ground IN STATIC mode | | | | | | |
| 27 | Point No. B15 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'57.9525" | 18°28'37.3989" | 659.05 | 11.49 KM | 5.24 KM | |
| 28 | Point No. B16 :- Differential GPS Observation taken on Ground IN STATIC mode | 73°52'57.3134" | 18°28'37.4896" | 659.172 | 11.47 KM | 5.26 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)