..... Office

..... Municipality-, ...

..... Division

Obstacle Height Calculation Sheet

A. General Information		
1	Obstacle Calculation ID	8
2	Fiscal Year	7980
3	Obstacle Type	Building
4	Owner's Name	NEW NEW2 NEW3
5	Address	This Municipality - 55, Good
6	Plot number	14556
7	Nearest Plot Coordinate	27.4985267227983, 83.4754943847656
8	Runway Coordinate	27.50288611, 83.42583333
9	Distance from RWY to Obstacle	4932.40 m
B. Elevation of Proposed obstacle		
10	RL of Plinth (AMSL)	105 m
11	Height of obstacle above Plinth	40 m
12	Maximum Elevation of Obstacle (AMSL)	145.000 m
C. Allowable Elevation of Obstacle		
13	All OLS intruding Obstacle: 1. CONICAL [105 + (45 + 5% * (4932.400- 4000)) = 196.620] 2. APPROACH - SECOND SECTION 28 [105 + (60 + 2.5% * (1865.049) = 211.626] 3. TAKE-OFF CLIMB SURFACE 28 [105 + (2% * (4625.049) = 197.501]	
14	Restricting OLS	CONICAL
15	RL of Reference point of Restricting OLS (AMSL)	105 m
16	Surface height above Reference RL for Restricting OLS	91.620 m
17	Allowable Maximum Obstacle Elevation	105 + (45 + 5% * (4932.400- 4000)) = 196.620
D. Reference		
18	Hence, Maximum Permitted height of obstacle	145.000 m
19	Runway Classification	Precision Approach Category II or III Code No 4E
20	Airport	VNBW
21	Documents refered for OLS	OLS Chart of ICAO Annex-14 Volume I, Chapter 4 and CAR-14
E. Google Earth Image showing RWY to Obstacle position