..... International Airport Civil Aviation Office

..... Municipality-, ...

Civil Engineering Division

Obstacle Height Calculation Sheet

A. General Information		
1	Obstacle Calculation ID	4
2	Fiscal Year	7980
3	Obstacle Type	Building
4	Owner's Name	rrrr rrr rrr
5	Address	rrr Municipality - 5, rrr
6	Plot number	5
7	Nearest Plot Coordinate	27.4979176509567, 83.4748077392578
8	Runway Coordinate	27.50288611, 83.42583333
9	Distance from RWY to Obstacle	4868.70 m
B. Elevation of Proposed obstacle		
10	RL of Plinth (AMSL)	102 m
11	Height of obstacle above Plinth	25 m
12	Maximum Elevation of Obstacle (AMSL)	127.000 m
C. Allowable Elevation of Obstacle		
13	RL of RWY (AMSL)	105 m
14	Obstacle lying in surface	CONICAL
15	Surface height above RWY	88.435 m
16	Allowable Maximum Obstacle Elevation	105 + (45 + 5% * (4868.700- 4000)) = 193.435
17	Hence, Maximum Permitted height of obstacle	127.000 m
D. Reference		
18	Runway Classification	Precision Approach Category II or III Code No 4E
19	Airport	VNBW
20	Docs refered	OLS Chart of ICAO Annex-14 Volume I, Chapter 4 and CAR-14
E. Google Earth Image showing RWY to Obstacle position