

..... International Airport Civil Aviation Office
..... Municipality-,
Civil Engineering Division
Obstacle Height Calculation Sheet

A. General Information		
1	Obstacle Calculation ID	1
2	Fiscal Year	7980
3	Obstacle Type	Building
4	Owner's Name	Alpha tango
5	Address Municipality - 2, bravo
6	Plot number	123
7	Nearest Plot Coordinate	27.5081952868214, 83.3865737915039
8	Runway Coordinate	27.5069465937181, 83.3958116662486
9	Distance from RWY to Obstacle	922.85 m
B. Elevation of Proposed obstacle		
10	RL of Plinth (AMSL)	100 m
11	Height of obstacle above Plinth	25 m
12	Maximum Elevation of Obstacle (AMSL)	125.000 m
C. Allowable Elevation of Obstacle		
13	RL of RWY (AMSL)	105 m
14	Obstacle lying in surface	APPROACH - FIRST SECTION. TAKE-OFF CLIMB SURFACE. INNER APPROACH.
15	Surface height above RWY	17.257 m
16	Allowable Maximum Obstacle Elevation	$105 + (2\% * (862.852)) = 122.257$; $105 + (2\% * (862.852)) = 122.257$; $105 + (2\% * (862.852)) = 122.257$;
17	Hence, Maximum Permitted height of obstacle	122.257 m
D. Reference		
18	Runway Classification	Precision Approach Category II or III Code No 4E
19	Airport	VNBW
20	Docs referred	OLS Chart of ICAO Annex-14 Volume I, Chapter 4 and CAR-14
E. Google Earth Image showing RWY to Obstacle position		



Date:- 2080-02-15

To
..... Municipality
....., Province
Nepal

Subject: Regarding consent for building construction

In response to the letter received from that office dated 2080-01-02 with ref. no. 23 requesting consent for building construction, this is to certify that maximum permitted elevation of the proposed Building located at Municipality-2, bravo having plot no. 123 of Mr. Alpha tango determined after studying the received drawings, Google Earth Map other related papers is 122.257 m (AMSL). Furthermore, it is to notify that this permit has been granted in accordance with the standards stipulated in Obstacle Limitation Surface (OLS) under Civil Aviation Requirement-14 (CAR-14) on the condition that there shall be no further increment of Building height by permanent construction of structure or by installation of pole, tower, antenna or any other equipment without prior approval of this Authority.

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Er.
Cheif, CED

CC:
1. GM,Airport