

SITE PLAN

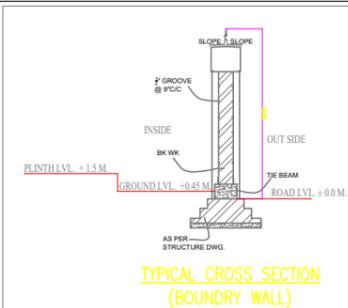
130.0 M. WIDE ROAD

GENERAL GUIDELINE FOR SELECTING THE SIZE OF CATCH BASIN

S.No.	SIZE OF CB	DEPTH OF CB
1	CB 600x600mm	0.60m DEPTH TO 0.300m DEPTH
2	CB 800x600mm	0.60m DEPTH TO 0.75m DEPTH
3	CB 750x750mm	0.75m DEPTH TO 0.90m DEPTH
4	CB 900x600mm	0.90m DEPTH TO 1.20m DEPTH

LEGEND

S.NO.	DESCRIPTION
1	STORM WATER LINE
2	DRAIN CHANNEL
3	DRAINAGE CHAMBER/CATCH BASIN
4	STORM WATER MANHOLE
5	DE-SLING CHAMBER
6	RAIN WATER RECHARGE PIT



DETAILED AREA CHART-TREHAN IRIS

FLOORS	RETAIL		HOTEL		OFFICE		TOTAL	
	F.A.R.	15% AREA	F.A.R.	15% AREA	F.A.R.	15% AREA	NON F.A.R.	15% AREA
BA SEMENT - 3		880.994					10,362.275	880.994
BA SEMENT - 2		649.571					10,210.167	649.571
BA SEMENT - 1	8129.061	1,081.956					1,270.789	1,081.956
GROUND FLOOR	5086.471	344.889					344.889	5,086.471
1st FLOOR	4796.795	413.688					413.688	4,796.795
2nd FLOOR	4681.972	468.547					468.547	4,681.972
3rd FLOOR	4906.676	420.613					420.613	4,906.676
4th FLOOR	3586.556	574.736					574.736	3,586.556
5th FLOOR	2676.832	385.823					385.823	2,676.832
6th FLOOR			2919.161	438.038			438.038	2,919.161
7th FLOOR/Service Floor (Office)			616.726	144.028			144.028	616.726
8th FLOOR/Service Floor-2 (Hotel)					921.076	135.795	1,031.741	135.795
9th FLOOR			625.714	123.150	921.076	135.795	713.923	258.945
10th FLOOR			625.714	123.150	921.076	135.795	258.945	1,546.790
11th FLOOR			627.986	123.150	921.076	135.795	258.945	1,549.062
12th FLOOR			625.714	123.150	921.076	135.795	258.945	1,546.790
12th-A FLOOR			625.714	123.150	921.076	135.795	258.945	1,546.790
14th FLOOR			625.714	123.150	921.076	135.795	258.945	1,550.378
15th FLOOR					921.076	135.795	135.795	921.076
16th FLOOR					921.076	135.795	135.795	921.076
17th FLOOR					921.076	135.795	135.795	921.076
18th FLOOR					921.076	135.795	135.795	921.076
19th FLOOR					921.076	135.795	135.795	921.076
20th FLOOR					921.076	135.795	135.795	921.076
21st FLOOR					921.076	135.795	135.795	921.076
22nd FLOOR					924.664	135.795	924.664	135.795
TERRACE FLOOR							424.085	
GUARD ROOM (Ground)								9.000
METER ROOM (Ground)								9.000
TOTAL	33,863.363	5,220.817	7,292.443	1,320.966	13,830.492	2,036.925	23,588.895	9,011.793

AREA ANALYSIS- TREHAN IRIS

Total Plot Area		14,000.000
Permissible Ground Coverage	40%	5,600.000
Proposed Ground Coverage	39.996%	5,599.375
Permissible F.A.R. (A)	4	56,000.000
Proposed F.A.R.	3.928	54,995.298
Additional 15% F.A.R. Area (15% of Permissible F.A.R.)		8,400.000
Proposed 15% F.A.R. Area	16.092%	9,011.793
Exceeded 15% F.A.R. Area	1.092%	611.793
So Proposed F.A.R. with Exceeded 15% F.A.R. Area	3.972	55,607.091

Proposed Additional 15% of F.A.R. Area

Particulars	Area
15% F.A.R. Area of Building (From Detailed Area chart)	9011.793
Total	9011.793

Proposed Ground Coverage Calculation

Particulars	Area	Percentage
F.A.R. Area of Ground Floor	5,086.471	
15% F.A.R. Area on Ground Floor	344.889	
Building Projection Area	150.015	
Area of Guard Room	9.000	
Area of Meter Room	9.000	
Total	5,599.375	39.996%

Required Parking Calculation

Particulars	Area	Space/Car	Parking Required
Retail	29,523.363	50	590
Office	13,830.492	50	277
Hotel	96 Nos Rooms	Per Room One	96
Multiplex / Cinema (Seats)	1169	15	78
Total			1041

Proposed Parking Calculation

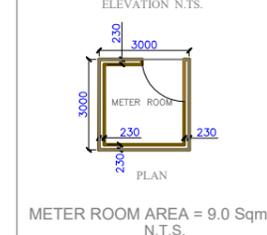
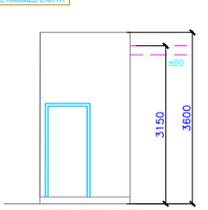
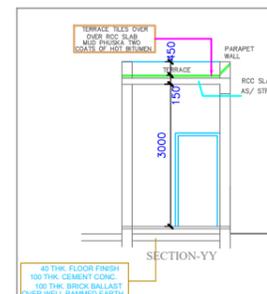
Particulars	Parking Area	Space/Car	No. of Parking	Parking Provided
Basement-2 (Mechanical Parking)	9359.878	18	519.993	519
Basement-3 (Mechanical Parking)	9569.588	18	531.644	531
Total	18929.466			1050

Proposed Landscape Area Calculation

Open Area = Total Plot Area - Total Ground Coverage =	8,400.000
Required Landscape Area (50% of Open Area) =	4,200.000
Proposed Landscape Area =	4,210.000
No of Tree Required (One Tree per 100 Sqm. of open area) =	84
No of Tree Proposed =	85

Proposed Built-up Area Calculation

Built-up Area Calculation	F.A.R. Area	Service Area (15% F.A.R. area)	Non F.A.R. Area	Total Built-up Area
	55607.091	8,400.000	23,588.895	87595.986

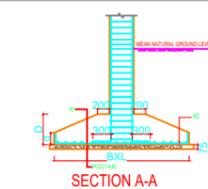


METER ROOM AREA = 9.0 Sqmt. N.T.S.

CALCULATION FOR ROOF TOP R.W.H.

TOTAL PLOT AREA = 14000.000 Sqm.  
 TOTAL ROOF AREA = 5600.000 x 0.9 x 90 x 0.00025 = 113.4 m<sup>2</sup>  
 SIZE OF RWP = 3M Dia & 4M depth  
 TOTAL NO. OF R.W.H. PIT = 04

NOTE:- 01 Nos. PROVIDING PEIZOMETER



FOOTING DETAIL OF ISOLATED FOUNDATION (NOT TO SCALE)

- NOTES:-
1. ALL DIMENSIONS & LEVELS ARE IN MILLIMETERS.
  2. ALL THE AREAS INDICATED ARE IN SQ.M.
  3. COLUMNS ARE ONLY INDICATIVE AND WILL BE AS PER RELEVANT STRUCTURAL DRAWINGS.
  4. ENTIRE BUILDING WILL BE CENTRALLY AIR CONDITIONED AND ALL STORES & TOILETS, KITCHEN & PANTRIES WILL BE MECHANICALLY VENTILATED.
  5. ALL EXIT DOORS SHALL HAVE 1 HOUR FIRE RESISTANT RATING.
  6. ALL LIFT, ESCALATOR & MACHINE ROOM SHOULD BE AS PER ISI STANDARD.
  7. THE BUILDING SHALL BE FULLY SPRINKLED EQUIPPED WITH AUTOMATIC SPRINKLER SYSTEM.

KEY PLAN



SCALE :- N.T.S.

PROJECT  
 PROPOSED SUBMISSION DRAWING FOR COMMERCIAL (TREHAN-IRIS) AT PLOT NO. C - 02, SECTOR- ECOTECH-12, GREATER NOIDA (U.P.)

OWNER  
 RUVIK BUILD TECH PRIVATE LTD., D-326, GROUND FLOOR, ANAND VIHAR COLONY, NEW DELHI-110092

ELECTRICAL CONSULTANT:-  
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PLUMBING AND FIRE  
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ARCHITECT'S SEAL  
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Drawing Title  
 SITE PLAN ELECTRICAL SUBSTATION MARKING  
 Checked by  
 Date 29.09.2021  
 Drawn by  
 Scale 1:275  
 Drawing No.