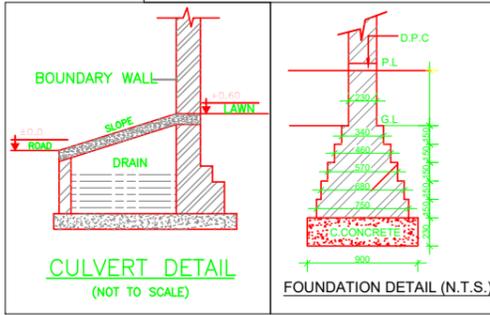
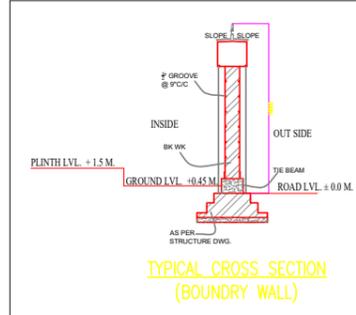


SITE PLAN

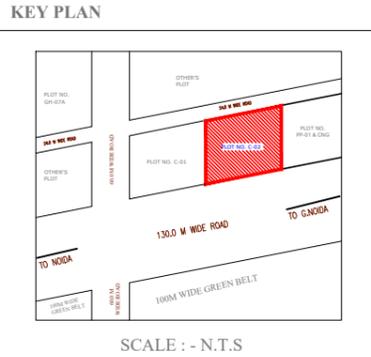
130.0 M. WIDE ROAD

LEGEND

SYMBOL	DESCRIPTION
MSL	MUNICIPAL SUPPLY LINE
FWR	FRESH WATER RISE TO OVER HEAD TANK (OFFICE)
DWR2	DOMESTIC HYDRO-PNEUMATIC WATER SUPPLY LINE TO HOTEL & OVER HEAD TANK (HOTEL)
DWR3	DOMESTIC WATER RISER TO OVER HEAD TANK (COMMERCIAL)
FWR	FLUSHING WATER RISER TO OVER HEAD TANK (OFFICE, HOTEL & COMMERCIAL)
SWR1	SOFT WATER SUPPLY LINE FROM U.G.T. & PLANT ROOM
SWR2	SOFT WATER SUPPLY LINE FROM S.T.P.
CV	CONTROL VALVE



- 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.



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:-

ENGINEERING SERVICES CONSULTANTS VARDHAMAN SOUTH PLAZA, 3rd. FLOOR L.S.C. POCKET-H MKT. SARITA VIHAR e mail:-econ86@gmail.com,

HVAC CONSULTANT:

ABID HUSAIN CONSULTANTS LG-1&2, Jeevan Prakash Apartment, 16A, Okhla, New Delhi-110025 Contact No. - 011-26322935 E-mail - info@ahcon.in

PLUMBING AND FIRE

MKG ENGINEERING SERVICES PVT. LTD. CONSULTING ENGINEERS A.B.PARYAVARAN COMPLEX INDIRA GANDHI NATIONAL OPEN UNIVERSITY, NEW DELHI-110032, INDIA. PHONE: 2953257, 2953270 email: mkgconsultant@gmail.com

AREA ANALYSIS- TREHAN IRIS

Total Plot Area		14,000.000
Permissible Ground Coverage	40%	5,600.000
Proposed Ground Coverage	39.996%	5,599.376
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	5,599.376	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)	9569.888	18	531.644	531
Total	18929.466			1050

Proposed Landscape Area Calculation

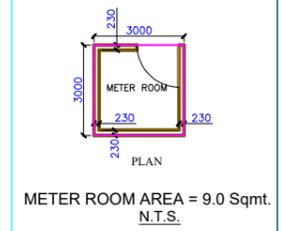
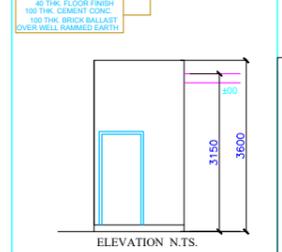
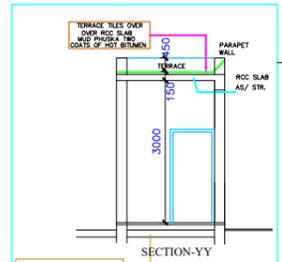
Open Area = Total Plot Area - Total Ground Coverage =	8,400.000
Required Landscape Area (50% of Open Area) =	4,200.000
Proposed Landscape Area =	4,210.000
No of Tree Required (One Tree per 100 Sqm. of open area) =	84
No of Tree Proposed =	85

Proposed Built-up Area Calculation

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

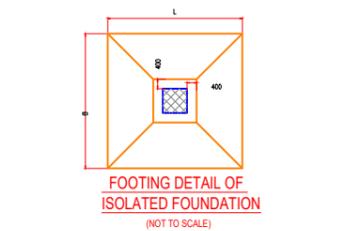
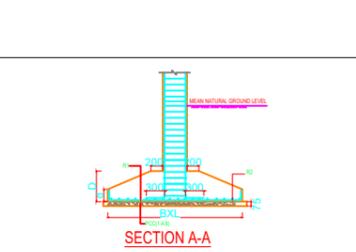
DETAILED AREA CHART-TREHAN IRIS

FLOORS	RETAIL		HOTEL		OFFICE		TOTAL		F.A.R.
	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	8,129.061
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	2675.832	385.823						385.823	2,675.832
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	921.076
9th FLOOR			625.714	123.150	921.076	135.795		135.795	258.945
10th FLOOR			625.714	123.150	921.076	135.795		135.795	258.945
11th FLOOR			627.986	123.150	921.076	135.795		135.795	258.945
12th FLOOR			625.714	123.150	921.076	135.795		135.795	258.945
12th-A FLOOR			625.714	123.150	921.076	135.795		135.795	258.945
14th FLOOR			625.714	123.150	921.076	135.795		135.795	258.945
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					921.076	135.795		135.795	921.076
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	54,995.298



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 m²
SIZE OF R.W.P. = 3M Dia & 4M depth
TOTAL NO. OF R.W.H. PIT = 04
NOTE:- 01 Nos. PROVIDING PEIZOMETER



ARCHITECT'S SEAL

AMIT KUMAR
CARNET/2709
13/03/2018

OWNER'S SEAL

For Ruvik Buildtech Pvt. Ltd.
Anand Vihar Stationery

ARCHITECT

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Drawing Title: SITE PLAN FOR WATER SUPPLY SYSTEM & AREA CALCULATION

Checked by: MANISH TIWARI Date: _____

Drawn by: LOKESH SHARMA Scale: 1:250

Drawing No: MA - TI - SANCTION

North

01-A