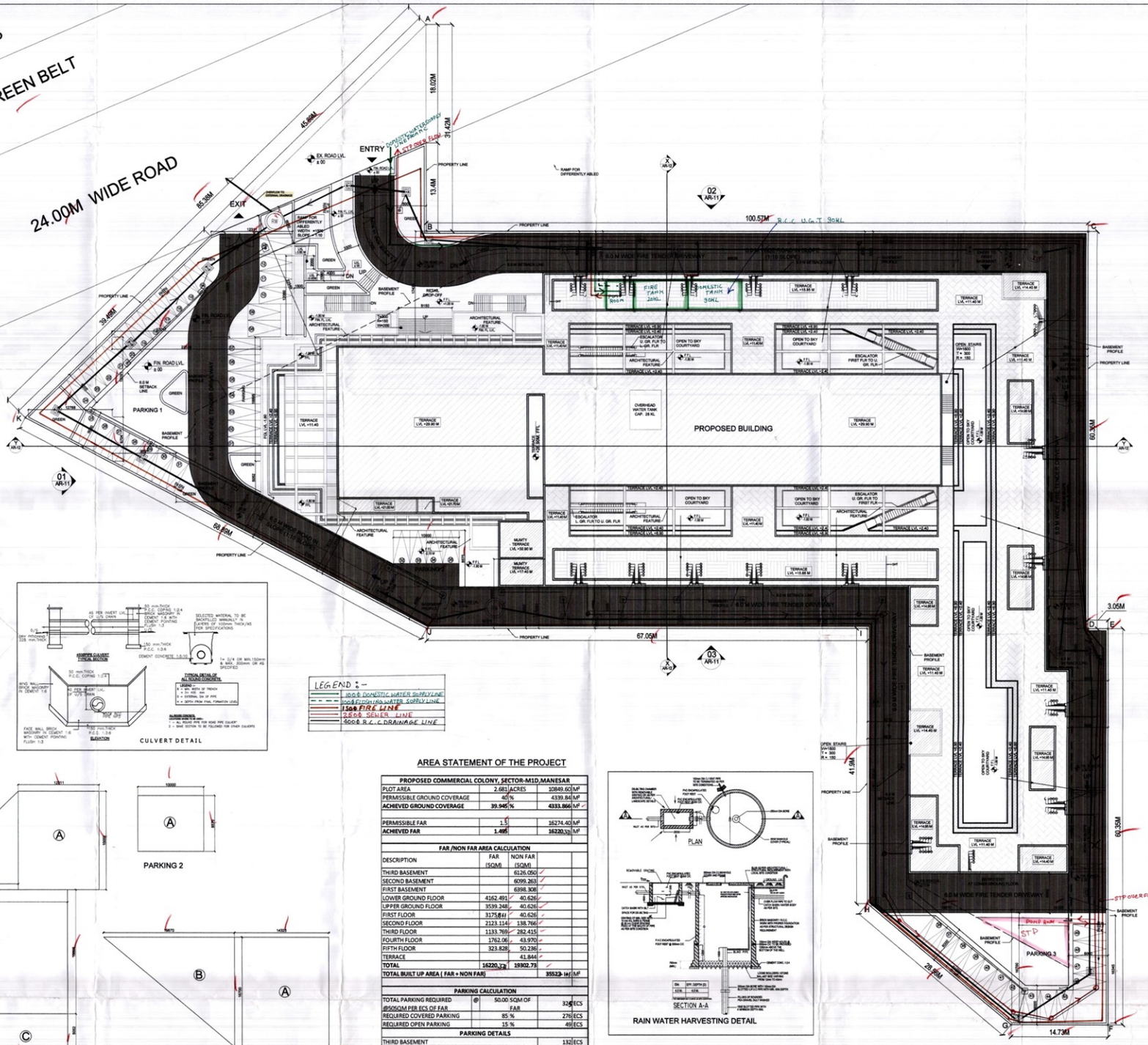


SURFACE PARKING AREA CHART				
PARKING 1				
ADDITIONS				
RACTANGLES		LENGTH (M)	WIDTH(M)	AREA(SQM)
A		12.311	15.055	185.342
B		22.528	18.895	425.667
C		12.907	5.052	65.206
TRIANGLES		BASE(M)	HEIGHT (M)	
D	0.5	9.621	5.052	24.303
E	0.5	12.768	6.704	42.798
F	0.5	12.768	12.191	77.827
G	0.5	15.047	15.055	113.266
TOTAL OF PARKING 1				934.409
PARKING 2				
ADDITIONS				
RACTANGLES		LENGTH (M)	WIDTH(M)	
A		10	8.575	85.750
TOTAL OF PARKING 2				85.750
PARKING 3				
ADDITIONS				
RACTANGLES		LENGTH (M)	WIDTH(M)	
		14.325	16.700	239.228
TRIANGLES		BASE(M)	HEIGHT (M)	
	0.5	19.87	16.700	165.915
TOTAL OF PARKING 3				405.142
TOTAL SURFACE PARKING AREA (SQM)				1425.301
NOS. OF ECS @ 25 SQM PER ECS				57.012
PARKING ACHIEVED (ECS)				49

LEGEND :-
- 100ϕ DOMESTIC WATER SUPPLY LINE
- 100ϕ FIGHTING WATER SUPPLY LINE
- 150ϕ FIRE LINE
- 250ϕ SEWER LINE
- 600ϕ R.C.C DRAINAGE LINE

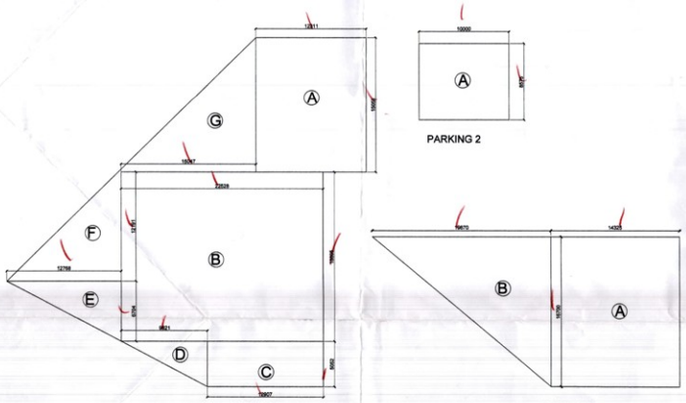
AREA STATEMENT OF THE PROJECT

PROPOSED COMMERCIAL COLONY, SECTOR-M1D,MANESAR			
PLOT AREA	2.681 ACRES	10849.60	M²
PERMISSIBLE GROUND COVERAGE	40 %	4339.84	M²
ACHIEVED GROUND COVERAGE	39.945 %	4333.866	M²
PERMISSIBLE FAR	1.5	16274.40	M²
ACHIEVED FAR	1.485	16220.32	M²

FAR /NON FAR AREA CALCULATION			
DESCRIPTION	FAR (SQM)	NON FAR (SQM)	
THIRD BASEMENT		6126.050	
SECOND BASEMENT		6099.263	
FIRST BASEMENT		6398.308	
LOWER GROUND FLOOR	4162.491	40.626	
UPPER GROUND FLOOR	3539.248	40.626	
FIRST FLOOR	3175.844	40.626	
SECOND FLOOR	2123.114	138.766	
THIRD FLOOR	1133.769	282.415	
FOURTH FLOOR	1762.06	43.970	
FIFTH FLOOR	323.828	50.236	
TERRACE		41.844	
TOTAL	16220.32	19302.73	
TOTAL BUILT UP AREA (FAR + NON FAR)		35523.06	M²

PARKING CALCULATION			
TOTAL PARKING REQUIRED @50SQM PER ECS OF FAR	@ 50.00 SQM OF FAR	324	ECS
REQUIRED COVERED PARKING	85 %	276	ECS
REQUIRED OPEN PARKING	15 %	49	ECS
PARKING DETAILS			
THIRD BASEMENT		132	ECS
SECOND BASEMENT		121	ECS
FIRST BASEMENT		104	ECS
SURFACE PARKING		49	ECS
TOTAL PARKING PROVIDED		406	ECS

RAIN WATER HARVESTING DETAIL



SURFACE PARKING AREA DIAGRAMS

(BALWANT SINGH)

STRUCTURAL STABILITY CERTIFICATE

I CERTIFIED THAT THE BUILDING PLANS FOR APPROVAL SATISFY THE SAFETY REQUIREMENTS AS STIPULATED UNDER CLAUSE 18 OF BUILDING BYE-LAWS, 1983 AND THE INFORMATION GIVEN THEREIN IS FACTUALLY CORRECT TO THE BEST OF OUR KNOWLEDGE AND UNDERSTANDING.

2. IT IS ALSO CERTIFIED THAT THE STRUCTURAL DESIGN INCLUDING SAFETY FROM NATURAL HAZARDS BASED ON SOIL CONDITION HAS BEEN FULLY INCORPORATED IN THE DESIGN OF BUILDING AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

NOTE FOR BASEMENT

THE WALLS & FLOOR OF THE BASEMENT SHALL BE WATER TIGHT & SO DESIGNED THAT THE EFFECT OF THE SURROUNDING SOIL & MOISTURE IF ANY ARE TAKEN IN TO ACCOUNT IN DESIGN & ADEQUATE DAMP PROOFING TREATMENT BE GIVEN.

GENERAL NOTES

1. THE COMMERCIAL DEVELOPMENT HAVE BEEN CONCEIVED DESIGNED ON THE BASIS OF THE FOLLOWING PARAMETERS:-

1. ALL TOILETS/LAVATORY WILL BE MECHANICALLY VENTILATED. CONDITIONED AIR FROM THE FLOOR WILL BE SUCKED IN TO THE TOILETS/PANTRY AND EXHTED OUT THROUGH A DUCT SHAFT.

2. THE BUILDING SHALL BE MECHANICALLY VENTILATED.

3. NON STANDBY GENERATING CAPACITY WILL BE PROVIDED FOR THE TOTAL SCHEME. THIS THEREFORE INCLUDES STAND BY GENERATION FOR ALL COMMON SERVICES FIRE SERVICES, LIFTS ETC AND ALSO THE ENTIRE ELECTRICAL LOAD FOR VENTILATION, AIR CONDITIONING AND LIGHTS.

NOTE FOR WATER HARVESTING

1. CERTIFIED THAT THE BUILDING PLANS SUBMITTED FOR APPROVAL SATISFY THE WATER HARVESTING REQUIREMENTS AS WELL AS MINIMUM ANTICIPATED DISCHARGE OF WASTE WATER AS STIPULATED UNDER CLAUSE 23.4.1.(3) & (4) AND THE INFORMATION GIVEN THEREIN IS FACTUALLY CORRECT TO THE BEST OF OUR KNWLEDGE AND UNDERSTANDING.

2. WASTE WATER RECYCLING SYSTEM SHALL BE INCORPORATED AT SITE THE RECYCLED WATER SHALL BE USED FOR HORTICULTURE PURPOSE.

CERTIFICATE

1. THE MAUNA BYFRE CONSTRUCTION WILL BE REMOVED WEEKLY BASIS. IF THE SAME IS NOT DONE IN THAT CASE THE LOCAL BODY SHALL REMOVE THE MAUNA AND COST SHALL SHALL BE BORNE BY THE OWNER OF PLOT.

2. DURING CONSTRUCTION IT IS MANDATORY ON THE PART OF THE OWNER TO PROPERLY SCREEN THE CONSTRUCTION SITE OF MAN MADE BY MEANS OF CREATING A SCREEN WALL NOT LESS THAN 6' 0" IN HEIGHT FROM GROUND LEVEL WHICH IS TO BE PAINTED TO AVOID IN PLEASANT LOOK FROM ROAD SIDE IN ADDITION TO THIS A NET OR SAME OTHER PROTECTIVE MATERIAL SHALL BE HOISTED AT THE FACADES OF THE BUILDING TO ENSURE THAT ANY FALLING MATERIAL REMAINS WITH IN THE PROTECTED AREA.

3. NOISE RELATED ACTIVITIES WILL NOT BE TAKEN UP FOR CONSTRUCTION AT NIGHT

LIFTS

NOTE:-

THE LIFT AND MACHINE ROOM SHALL BE AT PER I.S.I. STANDARD

NOTE:

THE HVAC SYSTEM HAS BEEN DESIGNED AS PER S.G.R.B.-1986.

NOTES

1. THIS DRAWING REPRESENTS ONLY PLUMBING DETAILS. FOR ARCHITECTURAL, STRUCTURAL AND OTHER SERVICES REFER RELEVANT DRAWINGS.
2. THE SLOPE OF ALL INTERNAL SOIL & WASTE PIPE SHALL BE GENERALLY TO A SLOPE OF 1:60.
3. ALL HORIZONTAL U. SW. AND WASTE PIPE SHALL RUN PREFERABLY IN THE SLOPE OF 1:60.
4. THE LOCATION OF SPRINKLER MAY VARY AS PER ARCHITECTURAL CO-ORDINATION DRAWING. THE SPRINKLERS SHALL BE GENERALLY INSTALLED 15 M.C.C TO COVER AN AREA OF APPR 12.5 SQ. M.
5. THE SPRINKLER INSTALLATION SHALL BE IN COMPLETE COMPORMANCE WITH CODE IS:9190:2013 & OTHER RELEVANT GUIDELINES

HORIZONTAL PIPE CONNECTIONS SHALL BE AS FOLLOWS.

FROM W/CP BASIN TO F.T.	32ϕ PIPE
FROM FT TO F.T.	50ϕ PIPE
FROM FT TO VERTICAL STACK	100ϕ PIPE
FROM W.C TO VERTICAL STACK	100ϕ PIPE

NOTES ON FIRE FIGHTING

1. Every FHC shall be consisting of as per IS the following
   (a) 63mm dia single headed Hydrant Valve.
   (b) 2nos. 63mm dia. 15mts long RL. Hose reel.
   (c) 20mm dia 30 Ltr (Ltr) air hose reel with See bore nozzle
   (d) 63mm dia male and female INST type coupling
   (e) 20mm dia branch pipe with 20mm nozzle
2. THE LOCATION OF SPRINKLER MAY VARY AS PER FINAL CO-ORDINATION DRAWING FOR SELECTED COLUMN PLAN. THE SPRINKLERS SHALL BE GENERALLY INSTALLED 15 M. C.C EACH TO COVER AN AREA OF APP 12.5 SQ. M.
3. THE SPRINKLER INSTALLATION SHALL BE IN COMPLETE COMPORMANCE WITH CODE IS:9190:2013 & OTHER RELEVANT GUIDELINES

NOTE

BASEMENTS ARE MECHANICALLY VENTILATED

BOUNDARY WALL AS PER STANDARD APPROVED DESIGN WILL BE PROVIDED

ARCHITECT'S SIGNATURE

JYOTI PRAKASH SHARMA
CA/2000/41101

OWNER'S SIGNATURE

PROJECT:-

REVISED BUILDING PLAN FOR COMMERCIAL COLONY MEASURING 2.681 ACRES,(LICENSE NO. 59 OF 2009 DATED 26-10-2009) IN SEC-M1D, GURGAON, BEING DEVELOPED BY M/S PARADISE SYSTEM PVT. LTD.

TITLE:-

SITE PLAN
AREA DIAGRAM & CALCULATION

DWG. NO:-
AR -01/12

SCALE :
1 : 200

N