TOWER WISE AREA STATEMENT

S.NO.	TOWER	FLOORS	NO. OF M.D.U.	DOMESTIC SERVANTS	NO. OF E.W.S UNITS	GROUND COVERAGE	STILT FLOOR	1st FLOOR	2nd & 3rd FLOOR	4th TO 18th FLOOR	19th FLOOR	20th FLOOR	TOTAL	MUMTY & MACHINE ROOM	TOTAL
1.	TOWER A	S + 20	78	38		1230.294	41.26	602.24	1204.48	9033.6	457.76	457.76	11797.1	59.996	11857.096
2.	TOWER B	S + 20	74	36		1230.294	41.26	602.24	1204.48	9033.6	184.63	184.63	11250.84	62.655	11313.495
3.	TOWER C	S + 20	78	0		1163.404	39.36	556.194	1112.388	8342.91	435.368	435.368	10921.588	55.23	10976.818
4.	TOWER D	S + 20	78	0		1163.404	39.36	556.194	1112.388	8342.91	435.368	435.368	10921.588	55.23	10976.818
5.	TOWER E	S + 20	78	0		1163.404	39.36	556.194	1112.388	8342.91	435.368	435.368	10921.588	55.23	10976.818
6.	TOWER F	S + 20	158	0		1639.230	58.3	813.898	1627.396	12206.47	613.698	633.054	16151.616	108.99	16260.606
7.	E.W.S BLOCK-I	G+3		0	48	282.024	261.15	261.15	522.3				1044.6	13.88	1058.48
8.	E.W.S BLOCK-II	G+3		0	48	282.024	261.15	261.15	522.3				1044.6	13.88	1058.48
9.	COMMERCIAL	G	0	0		213.833	213.833						213.833		213.833
10.	COMMUNITY BUILDING	G+1	0	0		452.977	449.085	250.325					699.41	40.76	740.19
11.	SCHOOL	S + 3	0	0		254.7	34.69	254.7	509.4				798.79	36.93	835.72
12.	BASEMENT														20536.801
13.	RAMP					633.8									633.8
	TOTAL		544	74	96	9709.298							74966.763		

PARKING REQUIREMENT

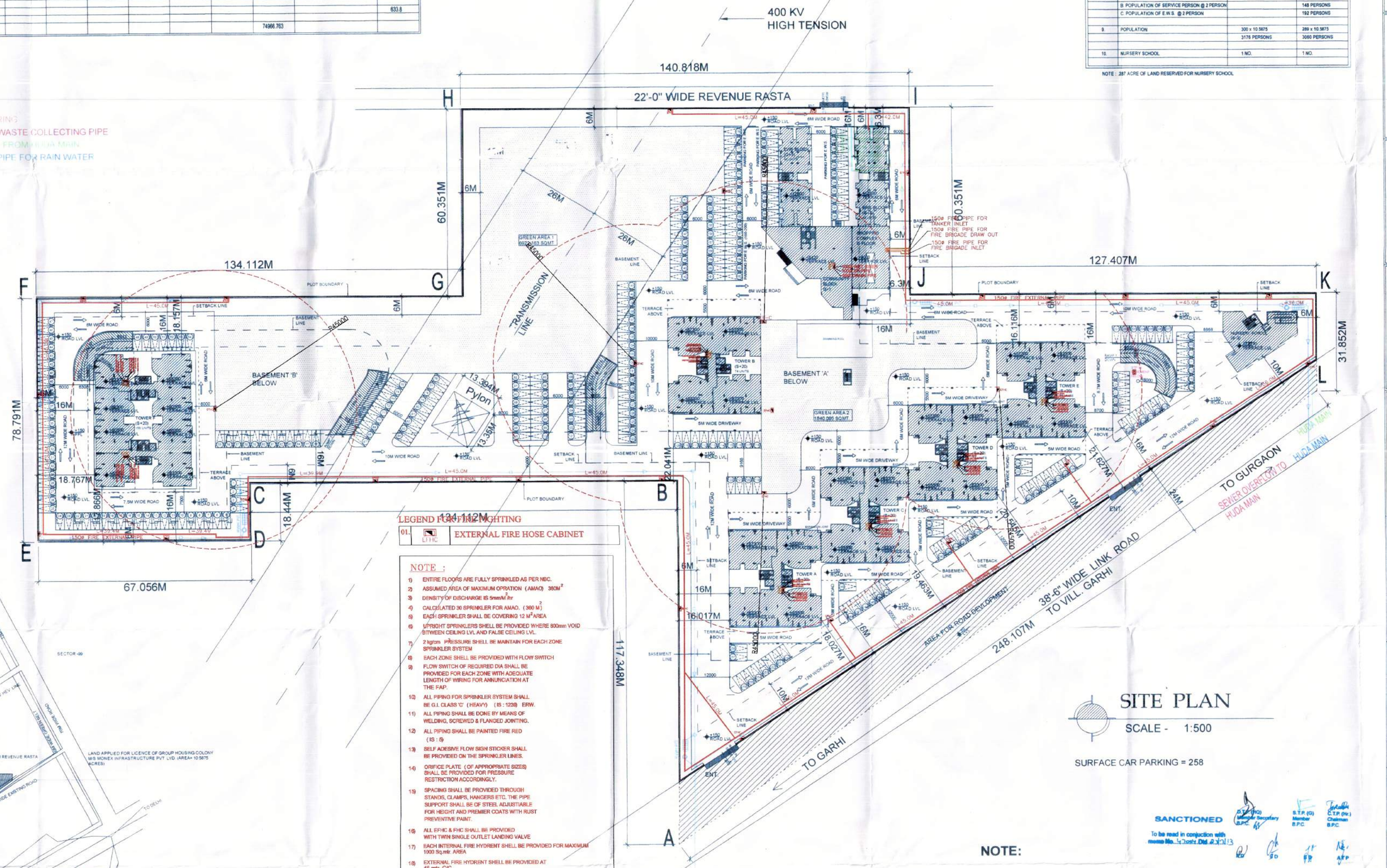
S.NO.	DESCRIPTION	PERM / REQUIRED	E.C.S AS PER AREA	E.C.S	ACHIEVED	TOTAL AREA IN SQ. MT.
1.	PARKING 1.5 CAR/ GENERAL UNIT (544X1.5)	816				
2.	COVD. @75% OF TOTAL REQUIREMENT	612				
	i. BASEMENT @35 SQMT./ECS 20537 / 35		587	35	488 (-11) = 477 (1 - 488)	16695
	ii. STILT @30 SQMT./ECS 7597.8 / 30		253	30	135 (1 - 135)	4050
3.	SURFACE/ OPEN @25% OF TOTAL REQUIREMENT	204		25	258	6450
4.	TOTAL PARKING PROVIDED				870	
5.	PARKING AVAILABLE FOR EWS OUT OF GENERAL PARKING @5% OF TOTAL GENERAL PARKING (816 X 5% = 40.8)	41			41 (160-200)	

AREA STATEMENT

TOTAL AREA UNDER SCHEME : 10.5875 ACRES = 42845.76 SQMT.

S.NO.	DESCRIPTION	PERM / REQUIRED	TOTAL ACHIEVED
1.	PLOT AREA (GROSS)	10.5875 ACRES 42845.76 SQMT.	
2.	COMMERCIAL AREA @ 0.5% OF PLOT AREA	214.229 SQMT.	213.833 SQMT.(99.82%)
3.	GROUND COVERAGE @ 35% OF 42845.76 SQMT.	14996.016 SQMT.	9709.298 SQMT. (22.66%)
4.	F.A.R. @ 175 OF 42845.76 SQMT.	74996.08 SQMT.	74966.763 SQMT. (174.969%)
5.	OPEN GREEN AREA @ (15% OF 42845.76 SQMT.)	6426.864 SQMT.	8762.258 SQMT. (20.45%)
6.	PARKING (TOTAL)	816	870
	A. COVERED PARKING @ 75%	612	612
	B. SURFACE PARKING	204	258
	C. E.W.S. PARKING @ 5%	41	41 (160-200)
7.	DWELLING UNITS		
	A. TOTAL DWELLING UNIT		544 UNITS
	B. SERVICE PERSON UNIT @ 10% OF M.D.U.	55 UNITS	74 UNITS
	C. E.W.S. UNITS @ 15%	96 UNITS	96 UNITS
8.	DENSITY	300 P.P.A.	280 P.P.A.
	A. POPULATION OF D.U. @ 5 PERSON/UNIT		2720 PERSONS
	B. POPULATION OF SERVICE PERSON @ 2 PERSON		148 PERSONS
	C. POPULATION OF E.W.S. @ 2 PERSON		192 PERSONS
9.	POPULATION	300 x 10.5875 3176 PERSONS	289 x 10.5875 3060 PERSONS
10.	NURSERY SCHOOL	1 NO.	1 NO.

NOTE : .287 ACRE OF LAND RESERVED FOR NURSERY SCHOOL

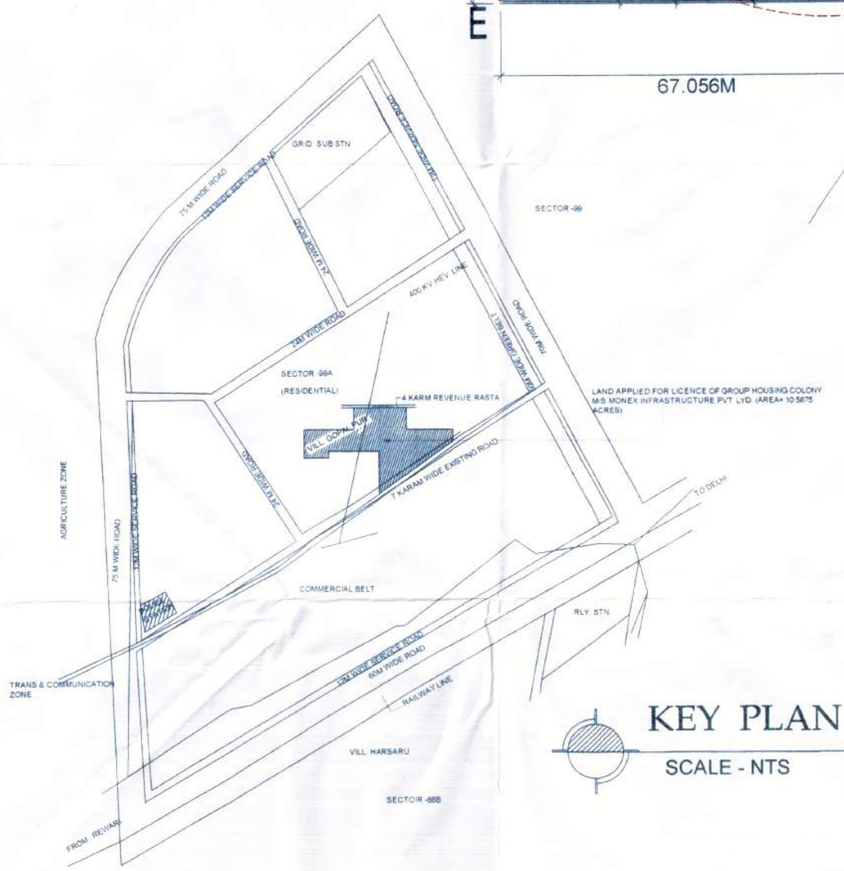


LEGEND FOR FIRE FIGHTING

01.	EFHC	EXTERNAL FIRE HOSE CABINET

NOTE :

1) ENTIRE FLOORS ARE FULLY SPRINKLED AS PER NBC.
2) ASSUMED AREA OF MAXIMUM OPRATION (AMAO) 360M²
3) DENSITY OF DISCHARGE IS 5mm/M²/hr
4) CALCULATED 30 SPRINKLER FOR AMAO. (360 M²)
5) EACH SPRINKLER SHALL BE COVERING 12 M² AREA
6) UPRIGHT SPRINKLERS SHELL BE PROVIDED WHERE 800mm VOID SITWEEN CEILING LVL AND FALSE CEILING LVL.
7) 2 kg/cm PRESSURE SHELL BE MAINTAIN FOR EACH ZONE SPRINKLER SYSTEM
8) EACH ZONE SHELL BE PROVIDED WITH FLOW SWITCH
9) FLOW SWITCH OF REQUIRED DIA SHALL BE PROVIDED FOR EACH ZONE WITH ADEQUATE LENGTH OF WIRING FOR ANNUNCIATION AT THE FAP.
10) ALL PIPING FOR SPRINKLER SYSTEM SHALL BE G.I. CLASS 'C' (HEAVY) (IS : 1239) ERW.
11) ALL PIPING SHALL BE DONE BY MEANS OF WELDING, SCREWED & FLANGED JOINTING.
12) ALL PIPING SHALL BE PAINTED FIRE RED (IS : 5)
13) SELF ADESIVE FLOW SIGN STICKER SHALL BE PROVIDED ON THE SPRINKLER LINES.
14) ORIFICE PLATE (OF APPROPRIATE SIZES) SHALL BE PROVIDED FOR PRESSURE RESTRICTION ACCORDINGLY.
15) SPACING SHALL BE PROVIDED THROUGH STANDS, CLAMPS, HANGERS ETC. THE PIPE SUPPORT SHALL BE OF STEEL ADJUSTIABLE FOR HEIGHT AND PREMIER COATS WITH RUST PREVENTIVE PAINT.
16) ALL EFHC & FHC SHALL BE PROVIDED WITH TWIN SINGLE OUTLET LANDING VALVE
17) EACH INTERNAL FIRE HYDRENT SHELL BE PROVIDED FOR MAXIMUM 1000 Sq.mtr. AREA
18) EXTERNAL FIRE HYDRENT SHELL BE PROVIDED AT 45 mtr. C/C
19) 3.5 kg /cm² PRESSURE SHELL BE MAINTAIN FOR FIRE HYDRANT
20) FIRE EXTINGUISHERS SHALL BE PROVIDED AS PER IS : 2190
21) INTELLIGENT FIRE ALARM SYSTEM & DETECTION SYSTEM IS PROVIDED.
22) ALL FIRE HYDRANT RISER SHALL BE OF 150 MM DIA.
23) ALL SPRINKLER RISER SHALL BE OF 150 MM DIA.
24) RAW WATER TANKS SHALL BE CONNECTED TO FIRE RESERVOIR. THROUGH NON RETURN VALVE TO ENCREASE THE CAPACITY OF FIRE RESERVOIR.
25) FIRE RESERVOIR SHALL BE BACKED UP BY SWIMMING POOL WATER.
26) CURTAIN NOZZLES SHELL BE PROVIDED IN THE BASEMENTS FOR COMPARTMENTATION.



KEY PLAN

SCALE - NTS

SITE PLAN

SCALE - 1:500

SURFACE CAR PARKING = 258

SANCTIONED

To be read in conjuction with memo No. Dated 2.9.2013

S.T.P. (HQ) Competent Authority BPC | S.T.P. (G) Member BPC | C.T.P. (Plg.) Chairman BPC

NOTE:

- GATE AND BOUNDARY WALL WILL BE AS PER STANDARD DRAWING.
- SPRINKLER POSITION SHOULD BE AS/NBC.
- PROPER EXHAUST PROVISIONS TO BE PROVIDED IN KITCHEN AND TOILET.
- 100% POWER BACKUP SHOULD BE PROVIDED FOR SERVICE AREA
- WATER HARVESTING SYSTEM SHOULD BE AS/NORMS.
- SOLAR PANELS SHOULD BE AS/NORMS.

NOTES :-

ZONED AREA = 6.225 ACRES

for Service Estimate only

Executive Engineer HSVP Division No. V Gurgaon

PROJECT :-

Proposed Group Housing at Sector-99-A, Gurgaon

JOB TITLE :-

PROPOSED BUILDING PLAN OF GROUP HOUSING SCHEME MEASURING 10.5875 ACRES (LICENCE NO. 10 OF 2013 DATED 12/3/2013) IN SECTOR-99-A, GURGAON MANESAR URBAN COMPLEX BEING DEVELOPED BY MONEX INFRASTRUCTURE PVT. LTD. LC 2753

CLIENT:-

MONEX INFRASTRUCTURES PVT. LTD.

DRAWING TITLE :-

SITE PLAN FOR FIRE FIGHTING

SCALE : 1:500

DATE : 4th April, 2013

SHEET NO. 1

DRAWN BY: LC TEAM

Ar. SANJAY JETHI
ARCHITECT

Parklonex Infrastructure Pvt. Ltd.
Director
OWNER

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