	AREA DETAIL		
1	PLOT AREA (GROSS)	17.0 ACRES	68796.45 SQM.
3	PERMISSIBLE GROUND COVERAGE	@35% OF68796.45	24078.757 SQM.
4	PROPOSED GROUND COVERAGE		9554.974 SQM.
5	PERMISSIBLE FAR	175% OF 68796.45	120393.787 SQM.
6	PROPOSED FAR		120314.087 SQM.
7	REQUIRED GREEN AREA	@15% OF 68796.45	10319.467 SQM.
8	PROPOSED GREEN AREA		10635.86 SQM.
9	PERM. COMMERCIAL AREA	@ 0.5% OF 68796.45	343.982 SQM.
10	PROPOSED COMMERCIAL AREA		330.131 SQM.
	DETAIL OF POPULATION		
11	PERMISSIBLE DENSITY	300 P.P.A. OF 17.00	5100
12	NO. OF D.U.	918X 5	4590
13	E.W.S.	162 X 2	324
14	SERVICE PERSONEL	92 x 2	184
	TOTAL POPULATION		5098
15	ACHIEVED DENSITY	5098/17	299.882 P.P.A.
16	REQUIRED E.W.S.	@ 15% OF 918	162
17	PROPOSED E.W.S.		162
18	REQUIRED SERVICE PERSONAL	@ 10% OF 918	91.8
19	PROPOSED SERVICE PERSONAL		92
	PARKING DETAIL		
20	REQUIRED NO. OF CAR PARKING	@ 1.5 E.C.S./MAIN D.U.	1377
21	REQUIRED PARKING	75% OF 1377	1033
22	PROPOSED COVERED PARKING IN BASEMENT		986
23	STILT PARKING		237
24	PROPOSED COVERED PARKING RESERVED FOR EWS	5% OF 1377	68.85
25	PROPOSED OPEN PARKING		243
	TOTAL PROPOSED PARKING		1466

REQUIRED CAR PARKING FOR EWS FLATS @ 5% OF 1377 = 69 ECS.
PROVIDED
BASEMENT - E = 25 TO 35 & 343 TO 372 = 40 ECS.
OPEN = 1 TO 29 = 29 ECS.
TOTAL = 40 + 29 = 69 ECS.

GREEN AREA

G1	35.727 x 19.482	696.033
G2	57.196 x 16.116	921.770
G3	40.956 x 18.750	767.925
G4	34.939 x 30.987	1082.654
G5	31.101 x 12.218	379.992
G6	11.86 x 10.050	119.193
G7	22.120 x 30.0	663.6
G8	17.793 x 3.250	57.827
G9	26.040 x 12.150	316.386
G10	63.00 x 51.664	3254.832
G11	45.819 x 51.842	2375.348
TOTAL		10635.86

Checked and found to be Public Health (Internal) services only. Subject to comments in forwarding letter No. SE(HQ)/ 155 dt. 19/4/12

Superintending Engineer (HQ)
HUDA, Panchkula

D.T.P. (HQ) Member Secretary B.P.C. — S.T.P. (G) Member B.P.C. — C.T.P. (Hr.) Chairman B.P.C.

AD JD SD ATP

66 KV.H T Line

24.0 M. W I D E R O A D

66 KV.H T Line

150mm ø FIRE RING

200 mm ø R.C.C. PIPE

RWH PIT

OVER FLOW

ENT./EXIT

RAMP IN SLOPE 1:10

SET BACK LINE

BASEMENT LINE/SET BACK LINE

STP IN BASEMENT BELOW

STP

2mm ø SWP

200 mm ø SWP

400 mm ø R.C.C. PIPE

SUPPLY FROM HUDA MAIN

OVER FLOW TO HUDA DRAIN

TOWER - A GS+19 LVL+59600

TOWER - B GS+19 LVL+59600

TOWER - C GS+23 LVL+71400

TOWER - D GS+23 LVL+71400

TOWER - E G+19 LVL+59600

TOWER - F G+4 LVL+15350

TOWER - G GS+9 LVL+30700

TOWER - H GS+14 LVL+44850

TOWER - I GS+14 LVL+44850

TOWER - 1 S+11 LVL+36600

TOWER - 2 S+11 LVL+36600

TOWER - 3 GS+12 LVL+42600

TOWER - 4 S+11 LVL+36600

TOWER - 5 S+12 LVL+39600

TOWER - 6 S+12 LVL+39600

TOWER - 7 S+12 LVL+39600

TOWER - 8 S+12 LVL+39600

COMMUNITY BUILDING G+2 LVL +10580

PRIMARY SCHOOL G+2 LVL +11580

NURSARY SCHOOL G+2 +11580

SHOPPING-II LVL + 4000

EWS G+03 +12600

BASEMENT-A

BASEMENT-C

BASEMENT-D

BASEMENT-E

BASEMENT-F

BASEMENT-G

BASEMENT-H

BASEMENT-I

G1 G2 G3 G4 G5 G6 G7 G8 G9 G10 G11

PAVEMENT

RAMP 8.0 M. WIDE UPON SLOPE 1:10 L = 32.0 M.

RAMP 6.0 M. WIDE UPON SLOPE 1:10 L = 32.0 M.

RAMP 7.5 M. WIDE UPON SLOPE 1:10 L = 32.0 M.

PARKING = (1 TO 29)
RESERVED FOR EWS FLATS

400mm ø R.C.C. PIPE

150 mm ø FIRE RING

① = FIRE TANK = CAP 200 KL

② = DOMESTIC TANK = CAP 350 KL

= 200 mm ø SWP

= 400 mm ø R.C.C. PIPE

= 150 mm ø FIRE RING

TOWER	GR.COVERAGE	STILT	GR.F.A.R.	NO. OF FLOORS	FAR ACHIEVED	NO. OF UNITS	
					SQM.	MAIN UNIT	SER / E.W.S.
1	517.495	468.564	48.931	S+11	5384.80	44	------
2	517.495	468.564	48.931	S+11	5384.80	44	------
3	603.002	470.137	132.865	S+12	6017.365	48	------
4	451.696	402.721	48.975	S+11	4744.369	44	------
5	490.654	441.723	48.931	S+12	5638.675	48	------
6	520.62	471.689	48.931	S+12	5933.431	48	------
7	314.588	267.852	46.736	S+12	3656.456	24	----
8	314.588	267.852	46.736	S+12	3656.456		----
A	643.85	121.128	522.722	GS+19	12532.318	79	02
B	643.85	121.128	522.722	GS+19	12532.318	79	02
C	480.74	90.13	373.78	GS+23	10768.768	95	02
D	480.74	90.13	373.78	GS+23	10768.768	95	02
E	480.74	90.13	373.78	GS+19	8960.944	79	02
F	451.524	------	451.524	G+4	2210.692	10	02
G	466.412	98.789	349.351	GS+9	4278.202	39	20
H	465.102	98.789	349.351	GS+14	6441.247	59	30
I	465.102	98.789	349.351	GS+14	6441.247	59	30
EWS(I)	327.179	------	327.179	G+7	2548.622	------	104
EWS(II)	383.227	------	383.227	G+3	1463.896	------	58
SHOPPING-I	212.949	------	212.949	G	212.949	------	------
SHOPPING-II	117.182	------	117.182	G	117.182	------	------
COM. BUILDINGS	206.239	------	206.239	G+2	620.582	------	------
TOTAL	9554.974	4068.115	5384.173		120314.087	918	254

92

162

NOTES
1. THE GATE & BOUNDARY WALL AS PER STANDER DSGNE
2. THE SLOPE OF ALL INTERNAL SOIL & WASTE PIPE SHALL BE GENERALLY 1:0 & SLOPE OF 1:60
3. ALL HORIZONTAL C.I. SOIL 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 35 M.C/C TO COVER AN AREA OF APP 12.5 SQ. M.
5. THE SPRINKLER INSTALLATION SHALL BE IN COMPLETE CONFORMANCE WITH CODE IS:15105:2002 & OTHER RELEVANT GUIDELINES

HORIZONTAL PIPE CONNECTIONS SHALL BE AS FOLLOWS:

FROM WASH BASIN TO FT	32Ø PIPE
FROM FD TO FT	50Ø PIPE
FROM FT TO VERTICAL STACK	100Ø PIPE
FROM WC TO VERTICAL STACK	100Ø 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 36.5mt first aid hose reel with 5mm 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 REFLECTED CEILING PLANS THE SPRINKLERS SHALL BE GENERALLY INSTALLED 3.5 M. C/C EACH TO COVER AN AREA OF APP 12.0 SQ. M.
3. THE SPRINKLER INSTALLATION SHALL BE IN COMPLETE CONFORMANCE WITH CODE IS:15105:2002 & OTHER RELEVANT GUIDELINES.

AREA OF BASEMENT= A =12821.04 Sqmt.
AREA OF BASEMENT = B =1794.74 SQMT.
AREA OF BASEMENT = C =7336.2 SQMT
AREA OF BASEMENT = D = 1576.393 SQMT
AREA OF BASEMENT = E = 14570.784 SQM.
TOTAL COVD AREA IN ALL BASEMENT = 38099.157 SQMT

BASEMENT A CAR PROVIDED = 334 CAR
BASEMENT B CAR PROVIDED = 38 CAR
BASEMENT C CAR PROVIDED = 200 CAR
BASEMENT D CAR PROVIDED = 42 CAR
BASEMENT E CAR PROVIDED = 372 CAR
TOTAL =1031 CARS

STRUCTURAL STABILITY CERTIFICATE
1) CERTIFIED THAT THE BUILDING PLANS FOR APPROVAL SATISFY THE SAFETY REQUIREMENTS AS STIPULATED UNDER CLAUSE 9 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 CONTITION HAS BEEN DULY 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.

NOTE FOR WATER HARVESTING
1.CERTIFIED THAT THE BUILDING PLANS SUBMITTED FOR APPROVAL SATISFY THE WATER HARVESTING REQUIREMENTS AS WELL AS MINIMUM ARTIFICIAL RECHARGE OF WASTE WATER AS STIPULATED UNDER CLAUSE 22.4.1,22.4.2, AND THE INFORMATION GIVEN THERIN IS FACTUALLY CORRECT TO THE BEST OF OUR KNOWLEDGE AND UNDERSTANDING.
2. WASTE WATER RECYCLING SYSTEM SHALL BE INCORPORATED AT SITE. THE RECYCLED WATER SHALL BE USED FOR HORTICULTURE PURPOSES.

CERTIFICATE
1. THE WALBA OF THE CONSTRUCTION WILL BE REMOVED WEEKLY BASIS. IF THE SAME IS NOT DONE IN THAT CASE THE LOCAL BODY SHALL REMOVE THE MALBA AND COST 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 MAIN ROAD BY MEANS OF CREATING A SCREEN WALL NOT LESS THAN 6'-0" IN HEIGHT FROM GROUND LEVEL WHICH IS TO BE PAINTED TO AVOID INPLEASANT 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 WITHIN THE PROTECTED AREA.
3. NOISE RELATED ACTIVITIES WILL NOT BE TAKEN UP FOR CONSTRUCTION AT NIGHT AFTER 10 pm.

NOTE:-
THE LIFT AND MACHINE ROOM SHALL BE AT PER I.S.I. STANDARD. WITH 100% POWER BACKUP

SYMBOL	DESCRIPTION
1	100Ø WASTE & VENT PIPE
2	100Ø SOIL & VENT PIPE
3	75Ø ANTI SYPHONAGE PIPE (ASP)
4	COLD WATER SUPPLY RISER 50Ø
5	CWS DATARE 100Ø,80Ø,65Ø,50Ø,40Ø,32Ø,25Ø
6	COLD WATER SUPPLY DATARE (FOR KITCHEN)
7	150Ø RAIN WATER PIPE
8	150Ø FIRE RISER
9	150Ø SPRINKLER RISER
10	80ØDRAIN PIPE
11	75Ø RAIN WATER PIPE

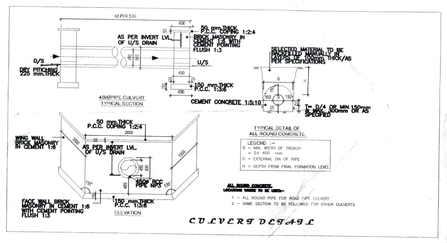
SYMBOL	DESCRIPTION
	SOIL PIPE LINE
	WASTE PIPE LINE
F.D.	FLOOR DRAIN 90x50mm WITH GRATING
F.T.	FLOOR TRAP 95x90mm WITH 125mm GRATING
F.H.C.	FIRE HOSE CABINET
	SPRINKLER LINE
	COLD WATER SUPPLY LINE
	FIRE LINE
	AIR RELEASE VALVE

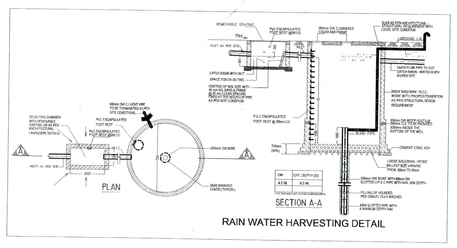
LEGEND FOR FIRE EXTINGUISHERS

SYMBOL	DESCRIPTION
A	Gas type 5.5 Kg. capacity as per I.S.2878
B	Water expeling type of 9 Lit. capacity as per I.S.940
C	Dry chemical powder type of 5Kgs. capacity as per I.S.2171

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
MH	MANHOLE	RW PIT	RAINY WELL	TW	TUBE WELL WATER LINE
SL	SEWER LINE	FH	EXTERNAL FIRE HYDRANTE	PTW	PROPOSED TUBE WELL
CMH	CIRCULAR MANHOLE	F.H.	FIRE HYDRANT	IL	INVERT LEVEL
CB	CATCH BASIN	F.B.C.	FIRE BRIGADE CONNECTION	GL	GROUND LEVEL
			FIRE LINE	MSL	MUNICIPAL SUPPLY LINE
				SWL	STORM WATER LINE





RAIN WATER HARVESTING DETAIL

PROJECT:
PROPOSED BUILDING PLAN FOR GROUP HOUSING AREA MEASURING 17.0 ACRES(LICENCE NO. 64 OF 2011 DATED 16-07-2011) IN SECTOR-37C, GURGAON BEING DEVELOPED BY M/s PHOENIX DATATECH SERVICES (P) LTD. AND OTHERS

OWNERS SIGN.
For PHOENIX DATATECH SERVICES PVT. LTD. DIRECTOR

ARCHITECT'S SIGN.
Architects PRADEEP SHARMA CA 91/2354 B-30 Shivalik Malviya Nagar, Delhi
26/9 18/10/12

SITE PLAN — SCALE 1 : 500

ARCHITECT'S
PRADEEP SHARMA ARCHITECTS (P) LTD.
64 POORI MARG, VASANT VIHAR NEW DELHI

DESIGN FORUM OF ARCHITECTS www.dfa.in

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DRAWING BY..

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