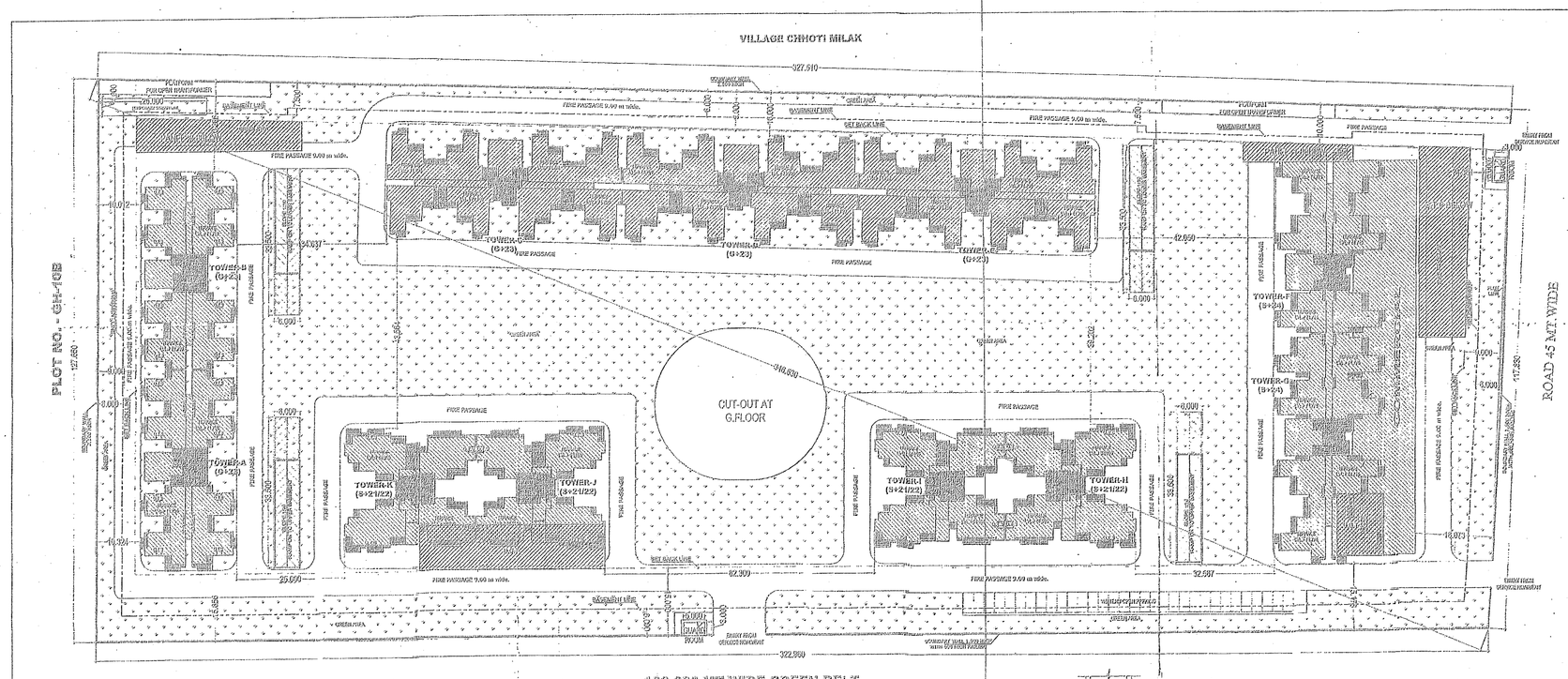
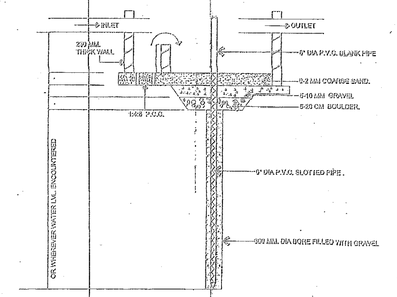




SECTION A–B

RAIN WATER HARVESTING DETAIL (NTS)

Greater Noida Industrial Development Authority
APPROVED
Vide Letter No. ..... Dated (LAYOUT PLAN)
Valid upto Dated .....
Dy. Nodal Officer (Engg. & Arch.)
Dy. Nodal Officer (Engg. & Arch.)
Dy. Nodal Officer (Engg. & Arch.)

S-01

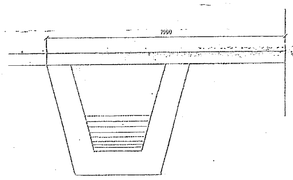
LEGEND

- F.A.R
- 15 % Ancillary Usage
- Green Area
- Balcony

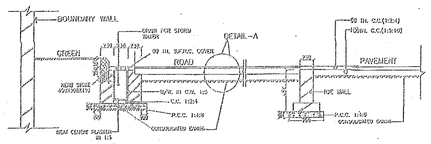
*TOWER A & B ARE SIMILAR
*TOWER C, D & E ARE SIMILAR
*TOWER F & G ARE SIMILAR
*TOWER H, I, J & K ARE SIMILAR

NOTE: 2
*AREA CHART IS IN SHEET NO. – S-02

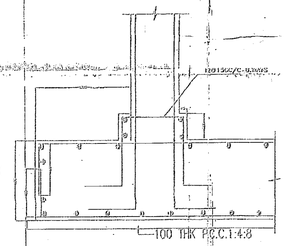
NOTE: 3
*MECHANICAL VENTILATION SHALL BE PROVIDED IN BASEMENT.



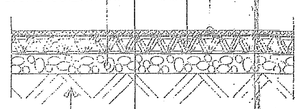
CULVERT DETAIL



ROAD SECTION



TYPICAL SEC. THRU. RAFT



DETAIL–A

PLOT AREA	=	40000.000 SQ MT
PERMISSIBLE FAR @ 2.75 Of Plot Area	=	110000.000 SQ MT.
PURCHASABLE FAR @ 0.75 Of Plot Area	=	30000.000 SQ MT.
TOTAL PERMISSIBLE + PURCHASABLE FAR	=	140000.000 + 30000.000 SQ MT.
	=	140000.000 SQ MT.
TOTAL PROPOSED FAR	=	139951.298 SQ MT.
PERMISSIBLE DENSITY@1650 PPH	=	1650 pph
Proportionate Additional Density		
For Balance 0.75FAR @ 450 PPH (1650 – 450)	=	450 pph
TOTAL PERMISSIBLE DENSITY	=	1650 + 450 pph
	=	2100 PPH
TOTAL PROPOSED DENSITY	=	19553.00 pph
PERMISSIBLE SHOPPING @ 1% OF 2.75 FAR	=	110000.000x0.01 = 1100.000 SQ MT.
PERMISSIBLE SHOPPING @ 1% OF 0.75 FAR	=	30000.000x0.01 = 300.000 SQ MT.
TOTAL PERMISSIBLE SHOPPING	=	(1100.000 + 300.000) SQ MT.
	=	1400.00 SQ MT.
TOTAL PROPOSED SHOPPING	=	1299.933 SQ MT.
PERMISSIBLE ANCILLARY FAR -15% OF 2.75 FAR	=	110000.000x0.15 = 16500.000 SQ MT.
PERMISSIBLE ANCILLARY FAR -15% OF 0.75 FAR	=	30000.000x0.15 = 4500.000 SQ MT.
TOTAL PERMISSIBLE ANCILLARY	=	(16500.000 + 4500.000) SQ MT.
	=	21000.000 SQ MT.
TOTAL PROPOSED ANCILLARY (14.58%)	=	200414.816 SQ MT.
PERMISSIBLE GROUND COVERAGE 35 %	=	14000.000 SQ MT.
PROPOSED GROUND COVERAGE 26.73 %	=	10690.288 SQ MT.

GREEN AREA DETAIL

REQUIRED SOFT GREEN AREA= 50% OF OPEN AREA

OPEN AREA = PLOT AREA - GROUND COVERAGE = 40000.00 -10690.288 = 29309.712 SQ MT.

HENCE SOFT GREEN AREA REQUIRED = $\frac{29309.712}{2}$ = 14654.856 SQ MT.

GREEN AREA PROVIDED

GREEN AREA PROVIDED = 14863.404 SQ MT.

TREES REQUIRED = OPEN AREA/100
= 29309.712 / 100 = 293.097= 294 SAY

TREES PROVIDED = 296 (50% EVER GREEN AND 50% ORNAMENTAL)

LEGENDS FOR LANDSCAPING

EVERGREEN TREE (148)

- ASHOKA - 74 NO.S
- GULMOHAR - 74 NO.S

ORNAMENTAL TREE (148)

- BOTTLE PALM - 74 NO.S
- BAMBOO - 74 NO.S

PARKING DETAILS

PARKING REQUIRED = $\frac{\text{F.A.R}}{80}$ = $\frac{140000}{80}$ = 1750 ECS

PARKING IN UPPER BASEMENT

TOTAL BASEMENT AREA FOR PARKING
= 28984.266 - (1115.001 + 487.941 + 512.620 + 604.003 + 390.210 + 825.800) = 24948.704 SQ MT.
= 24948.704 / 30 = 828.230 = SAY 828 ECS

PARKING IN LOWER BASEMENT

TOTAL BASEMENT AREA FOR PARKING
= 30960.434 - (487.941 + 512.620 + 604.003 + 390.210 + 825.800) = 27999.963 SQ MT.
= 27999.963 / 30 = 931.332 = SAY 931 ECS

PARKING IN STILT

TOTAL AREA PROVIDED FOR STILT PARKING = 2358.080 SQ MT.
ECS IN STILT AREA = 2358.080 / 30 = 78.602 SAY 78 ECS

TOTAL PARKING PROVIDED

TOTAL ECS PROVIDED = 828 + 931 + 78 = 1837 ECS

TEMPORARY STRUCTURE

AREA OF TEMPORARY STRUCTURE = 100.000 SQ MT.

BUILT UP AREA

= TOTAL FAR + TOTAL NON FAR + ANCILLARY AREA
= 139951.298 + 59210.369 + 20414.816
= 219576.484 SQ MT.

TEMPORARY BUILT UP AREA

= 25.000X4.000= 100.000 SQ MT.

TOTAL COMMUNITY AREA = 1607.547 SQ MT. (COMMUNITY IN BASEMENT NOT CALCULATED IN ANCILLARY AREA)

TOTAL BASEMENT AREA :-

UPPER BASEMENT AREA	=	28984.266	SQ MT
LOWER BASEMENT AREA	=	27999.004	SQ MT
TOTAL BASEMENT AREA	=	56992.270	SQ MT
MAXIMUM HEIGHT	=	91.005 MT	
ELECTRICAL LOAD	=	6652 KVA	

Permissible density 1650					
Population achieved in Main Units	1649	Nos. X 4.5		7416.00	Nos.
Population achieved in Servant Units	176	Nos. X 2.25		396.00	Nos.
Hence density achieved	7812.00	X 100000 /	40000	1953.00	PPH

F.A.R. = GRN TO GRN

PROJECT TITLE :

REVISED & PURCHASABLE GROUP HOUSING AT PLOT NO.-GH-10A,SECTOR-TECHZONE-IV,GREATER NOIDA FOR :-NEW WAY HOMES (P) LTD.

DRAWING TITLE:- LAYOUT PLAN

DRG NO. S-01

SCALE	1:500
DATE	20130323
DRAWN	
JOB NO.	\\Comp\NOVA\NEW WAY\100360_SUBMISSION_HOMES\NEW WAY\100360_SUB_HOMES NEW WAY

DEEPAK MEHTA & ASSOCIATES
ARCHITECTS, PLANNERS, VALUERS, LANDSCAPE & INTERIORS
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PH: 65272169 TELEFAX: 22770169

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M.U.R.P.
COA/2008/42131

Architect Deepak Mehta
COA/87/10840
Plot No. 18, Abhishek Plaza I.S.C.
Mayur Vihar Ph-II, Delhi-91

ARCHITECT'S SIGN

New Homes Pvt. Ltd. Authorised Signatory

OWNER'S SIGN