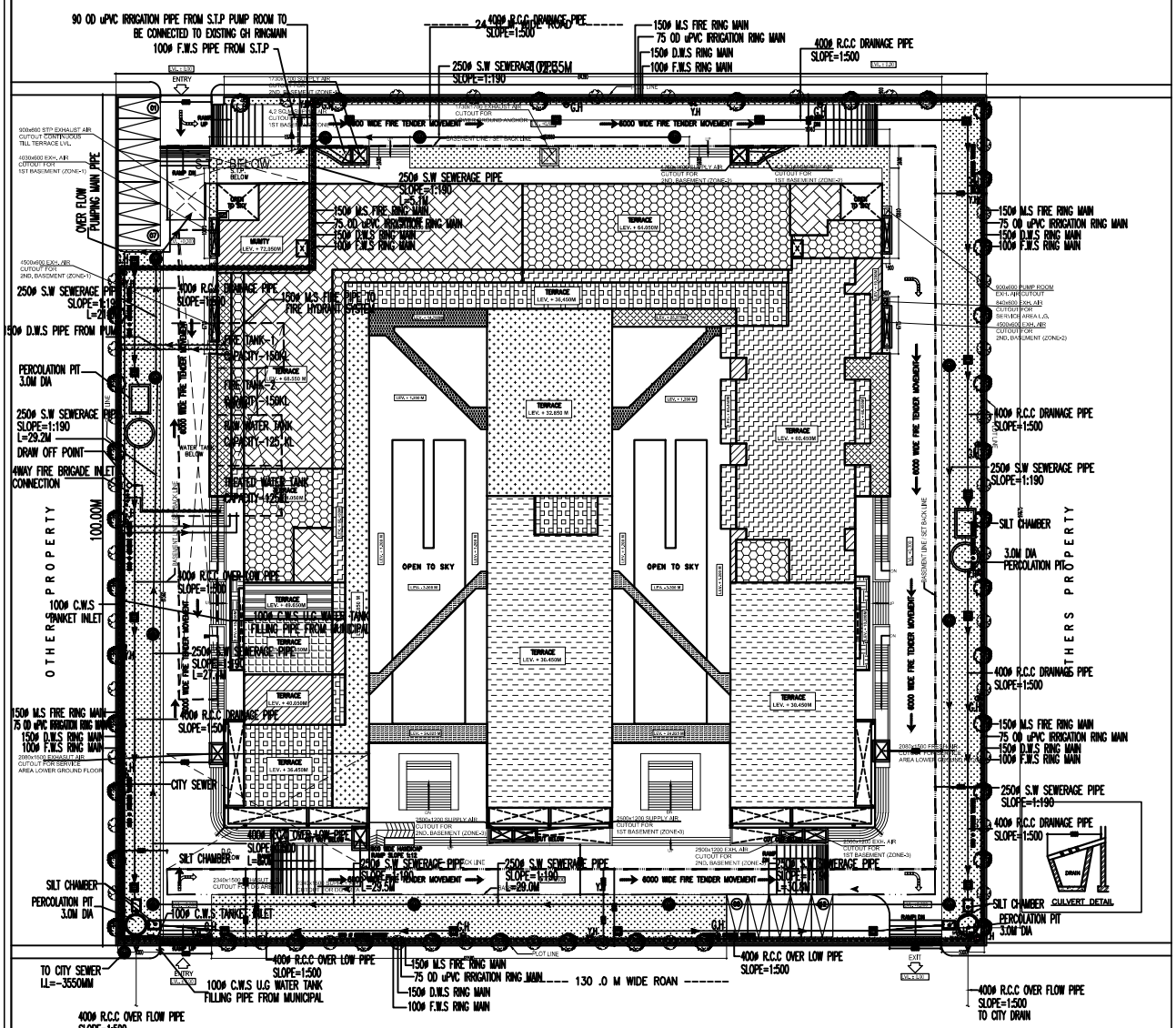
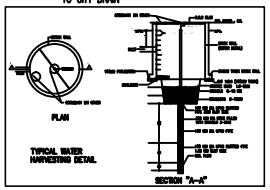
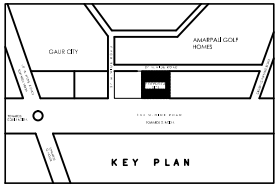
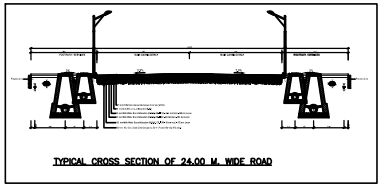
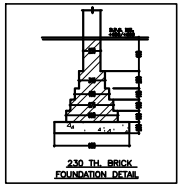


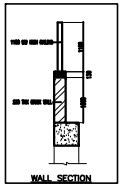
SITE PLAN






TYPICAL CROSS SECTION OF 24.00 M. WIDE ROAD


230 TH. BRICK FOUNDATION DETAIL


WALL SECTION

PARKING DETAIL :-

ECS REQUIRED :-

PARKING REQUIREMENT FOR COMMERCIAL AREA
1 EQ.CAR SPACE PER 50 SQ.MT. OF BUILT-UP AREA

TOTAL PERMISSIBLE AREA ALL FLOOR= 40940.00 SQ.MT

PARKING REQUIRED $= \frac{40940.00 \times 1}{50} = 818.80$ ECS

NET PARKING REQUIRED = 819 ECS

ECS PROVIDED :-

MECHANICAL PARKING AT OPEN SURFACE = 12 CAR
MECHANICAL PARKING AT 1st. BASEMENT = 26 CAR
MECHANICAL PARKING AT 2nd. BASEMENT = 400 CAR
MECHANICAL PARKING AT 3rd. BASEMENT = 392 CAR

NET PARKING PROVIDED = 830 ECS

GREEN AREA DETAIL :-

GREEN AREA :-

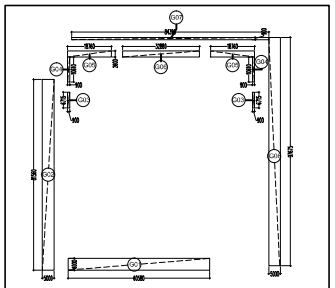
GREEN AREA @25% OF OPEN AREA
OPEN AREA = PLOT AREA – GROUND COVERAGE
OPEN AREA = (10235 – 4084.589)
= 6150.411 SQM.

GREEN AREA REQUIRED 25% OF 6150.411 = 1537.602SQM.

GREEN AREA PROVIDED PLAN = 1549.831 SQM.

NO. OF TREES REQUIRED @1 TREE PER 100 SQ M OF OPEN AREA	$= \frac{6150.411}{100} = 61.50$ i.e. 62 TREE
NO. OF TREES PROVIDED	65 (EVER GREEN)

		NAMES	NO.s
1		CASSIA FISTULA 5M C/C	37
2		DELONIX REGIA	36
		TOTAL	73



PROPOSED GREEN AREA CALCULATION							
S. NO.	DIM(m)	X	DIM(m)	FEC.	NOS.	AREA(SQM.)	
G01	68.580	X	6.000	1	1	363.480	
G02	5.000	X	81.560	1	1	407.800	
G03	8.900	X	6.715	1	2	12.087	
G04	8.900	X	10.610	1	2	19.098	
G05	18.760	X	2.600	1	2	97.552	
G06	32.880	X	2.600	1	1	85.488	
G07	84.390	X	0.900	1	1	75.951	
G08	5.000	X	97.675	1	1	488.375	
TOTAL BASEMENT AREA (A)						1549.831	

F.A.R. AREA CALCULATION		
TOTAL PLOT AREA	10235.00	Sq.mt.
PERMISSIBLE GROUND COVERAGE @ 40%	4094.00	Sq.mt.
PERMISSIBLE F.A.R @ 4.00	40940.00	Sq.mt.
PROPOSED GROUND COVERAGE @ 39.90%	4084.589	Sq.mt.
PROPOSED F.A.R. @ 3.884%	39754.508	Sq.mt.

F.A.R. AREA			
S.NO.	FLOORS	IN SQ.M.	
1	1st. BASEMENT FLOOR	4490.723	Sq.mt.
2	GROUND FLOOR	3980.082	Sq.mt.
3	FIRST FLOOR	3734.916	Sq.mt.
4	SECOND FLOOR	3712.546	Sq.mt.
5	THIRD FLOOR	3682.802	Sq.mt.
6	FOURTH FLOOR	3126.480	Sq.mt.
7	FIFTH FLOOR	3631.872	Sq.mt.
8	SIXTH FLOOR	628.402	Sq.mt.
9	7TH FLOOR	1996.630	Sq.mt.
10	8th FLOOR	1636.221	Sq.mt.
11	9th FLOOR	1574.341	Sq.mt.
12	10th FLOOR	1506.481	Sq.mt.
13	11th FLOOR	1465.477	Sq.mt.
14	12th FLOOR	1465.477	Sq.mt.
15	13th FLOOR	1465.477	Sq.mt.
16	14th FLOOR	1099.656	Sq.mt.
17	15th FLOOR	548.915	Sq.mt.
	TOTAL F.A.R. AREA (A)	39,754.508	Sq.mt.
	NON F.A.R. AREA		
18	1st. BASEMENT FLOOR	1336.843	Sq.mt.
19	2nd. BASEMENT FLOOR	8200.190	Sq.mt.
20	3rd. BASEMENT FLOOR	7950.690	Sq.mt.
21	SERVICES FLOOR (30.450 LVL.)	276.389	Sq.mt.
22	SERVICES FLOOR (47.250 LVL.)	1436.431	Sq.mt.
23	SEVENTH FLOOR (MUMTY)	35.319	Sq.mt.
	TOTAL NON F.A.R. AREA (B)	21,921.972	Sq.mt.
	TOTAL BUILT UP AREA (A+B)	61676.480	Sq.mt.

SERVICE AREA CALCULATION		
TOTAL PLOT AREA	10235.00	Sq.mt.
PERMISSIBLE SERVICE AREA 15% OF (40940.00)	6141.00	Sq.mt.
PROPOSED SERVICE AREA 9.73 % OF (40940.00)	3930.028	Sq.mt.
SERVICE AREA		
S.NO.	FLOORS	IN SQ.M.	
1	3rd. BASEMENT FLOOR	406.821	Sq.mt.
2	2nd. BASEMENT FLOOR	347.083	Sq.mt.
3	1st. BASEMENT FLOOR	1189.516	Sq.mt.
4	GROUND FLOOR	96.507	Sq.mt.
5	FIRST FLOOR	153.507	Sq.mt.
6	SECOND FLOOR	153.507	Sq.mt.
7	THIRD FLOOR	153.507	Sq.mt.
8	FOURTH FLOOR	153.507	Sq.mt.
9	FIFTH FLOOR	158.740	Sq.mt.
10	SIXTH FLOOR	0.000	Sq.mt.
11	7TH FLOOR	119.670	Sq.mt.
12	8th FLOOR	119.670	Sq.mt.
13	9th FLOOR	119.670	Sq.mt.
14	10th FLOOR	119.670	Sq.mt.
15	11th FLOOR	116.214	Sq.mt.
16	12th FLOOR	116.214	Sq.mt.
17	13th FLOOR	116.214	Sq.mt.
18	14th FLOOR	57.380	Sq.mt.
19	15th FLOOR	53.066	Sq.mt.
20	MACHINE ROOM , MUMTY & O.H. WATER TANK	199.595	Sq.mt.
	TOTAL SERVICE AREA	3,930.028	Sq.mt.

LEGEND FOR PLUMBING	
	COLD WATER SUPPLY
	COLD WATER SUPPLY
	GARDEN WATER SUPPLY LINE
GH	GARDEN HYDRANT
	150ø MS FIRE RING MAIN
YH	YARD HYDRANT
DM	DRAINAGE MANHOLE
SM	SEWERAGE MANHOLE

OWNER'S SIGN | ARCHITECT'S SIGN

PROJECT:-

PROPOSED BUILDING PLAN OF COMMERCIAL AT PLOT NO.:- C-01A , SECTOR -04 GREATER NOIDA

BEING DEVELOPED BY M/S ASTEROID SHELTERS HOMES PVT. LTD.

DRAWN		TITLE	SITE PLAN & AREA CALCULATION
REALY	VERIFIED		
CHECKED	APPD.	SCALE 1:250	DRG.NO. SD-01/24

GJAN P. MATHUR AND ASSOCIATES (P) LTD
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