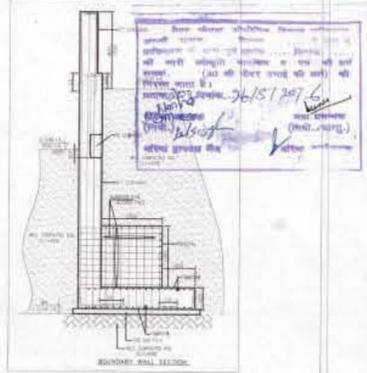
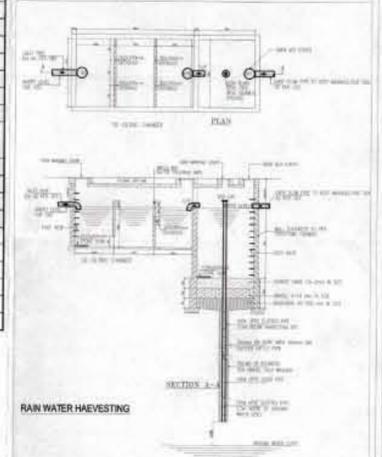




RAFT FOUNDATION



FOUNDATION DETAIL



RAIN WATER HARVESTING

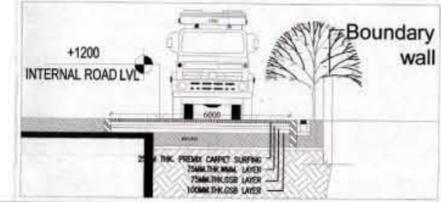
S.NO.	PARTICULARS	FAR	SQ.MTR
1	TOTAL PLOT AREA		20947.076
2	PERMISSIBLE FAR FOR HOUSING	3.675	76980.504
A	PERMISSIBLE FAR FOR HOUSING = 3.5X20947.076 = 73314.766 SQ.MT		
B	ADDITIONAL FAR FOR GREEN BUILDING = 5% OF PERMISSIBLE FAR = 5% OF 73314.766 = 3665.738 SQ.MT		
	TOTAL PERMISSIBLE FAR FOR HOUSING = A+B = 73314.766 + 3665.738 = 76980.504 SQ.MT.		
3	PERMISSIBLE 15% FAR FOR FACILITY (15% OF 2.75 * 75 = 3.5) = 15% OF 73314.766 = 10997.215 SQ.MT	15%	10997.215
4	PERMISSIBLE GROUND COVERAGE	35%	7331.477
5	PROPOSED TOTAL GROUND COVERAGE	22.92%	4800.041
6	PERMISSIBLE FAR FOR COMMERCIAL (1% OF TOTAL FAR AREA) = 1% OF 76980.504 = 769.805		769.805
7	PROPOSED FAR FOR COMMERCIAL		761.792
8	TOTAL FAR ACHIEVED		
A	FAR ACHIEVED FOR RESIDENTIAL		75644.519
B	FAR ACHIEVED FOR COMMERCIAL		761.792
C	FAR ACHIEVED FOR COMMUNITY		558.249
	TOTAL FAR AREA ACHIEVED (A+B+C)=		76964.559
9	ACHIEVED 15% FAR FOR FACILITY		10997.215
10	PERMISSIBLE DENSITY = 2100 PPH		
A	ACHIEVED DENSITY (ASSUMING 4.5 PERSONS PER UNIT) FOR 760 UNITS = (760X4.5) / 2.094 = 1633.23 PPH		1633
B	ACHIEVED UNIT		760
C	ACHIEVED PERSONS		3420 PERSONS
12	REQUIRED GREEN AREA		
	REQUIRED GREEN AREA = 50% OF OPEN AREA		
	OPEN AREA = PLOT AREA - GROUND COVERAGE		
	OPEN AREA = 20947.076 - 4800.041 = 16147.03 SQ.MT		
	REQUIRED GREEN AREA = 50% 16147.03 = 8073.517		
13	PROPOSED GREEN AREA =		8169.660
	REQUIRED TREES		
	AS PER 1 NO. OF TREE PER 100 SQ.MT OF OPEN AREA = (PLOT AREA - GROUND COVERAGE) / 100 = (20947.076 - 4800.041) / 100 = 161.47		162
14	NO. OF TREES PROPOSED		165
15	EVERGREEN TREES = 50% OF PROPOSED TREES		83
16	PARKING REQUIRED		962
17	PARKING PROPOSED		976
18	TOTAL BUILTUP AREA		126180.313
	TOTAL FAR AREA		76964.559
	TOTAL BASEMENT NON FAR AREA		34206.993
	TOTAL FACILITY AREA		10997.215
	TOTAL STILT AREA		4011.546
	TOTAL ELECTRICAL LOAD		2902 KW

For Saya Buildcon Consortium Pvt. Ltd.
Signature
Authorized Signatory



CULVERT DETAIL

Signature
DEVENDRA BHANDARI
FELLOW MEMBER
ITPI (1353-38)



Boundary wall

Project:
REVISED SUBMISSION OF GROUP HOUSING SAYA
ZION AT GC - 6 / II, GAUR CITY, PLOT NO GH-01,
SECTOR - 4, GREATER NOIDA U.P.

Client:
SAYA BUILDCON CONSORTIUM PVT. LTD.

Title:
SITE PLAN

Subtitle:
SITE PLAN

Drawing Released For:
 APPROVAL MUN. SUBMISSION
 ADVANCE COPY CONSTRUCTION

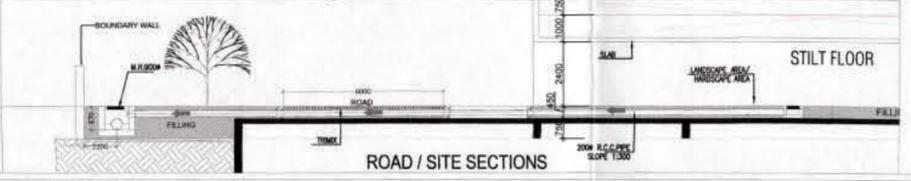
Scale: Date: Sheet No. N
07/01/2016 S-02/29

Architects:
Architect Shrivendra Nath
CA / 2012 / 00582
GH-11 Akhendra Khand - 2
Indrapuram Ghaziabad

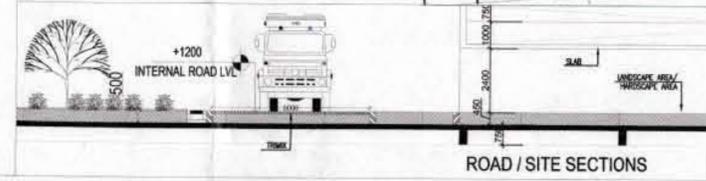
For Saya Buildcon Consortium Pvt. Ltd.

Signature
OWNER

Signature
ARCHITECT



ROAD / SITE SECTIONS



ROAD / SITE SECTIONS