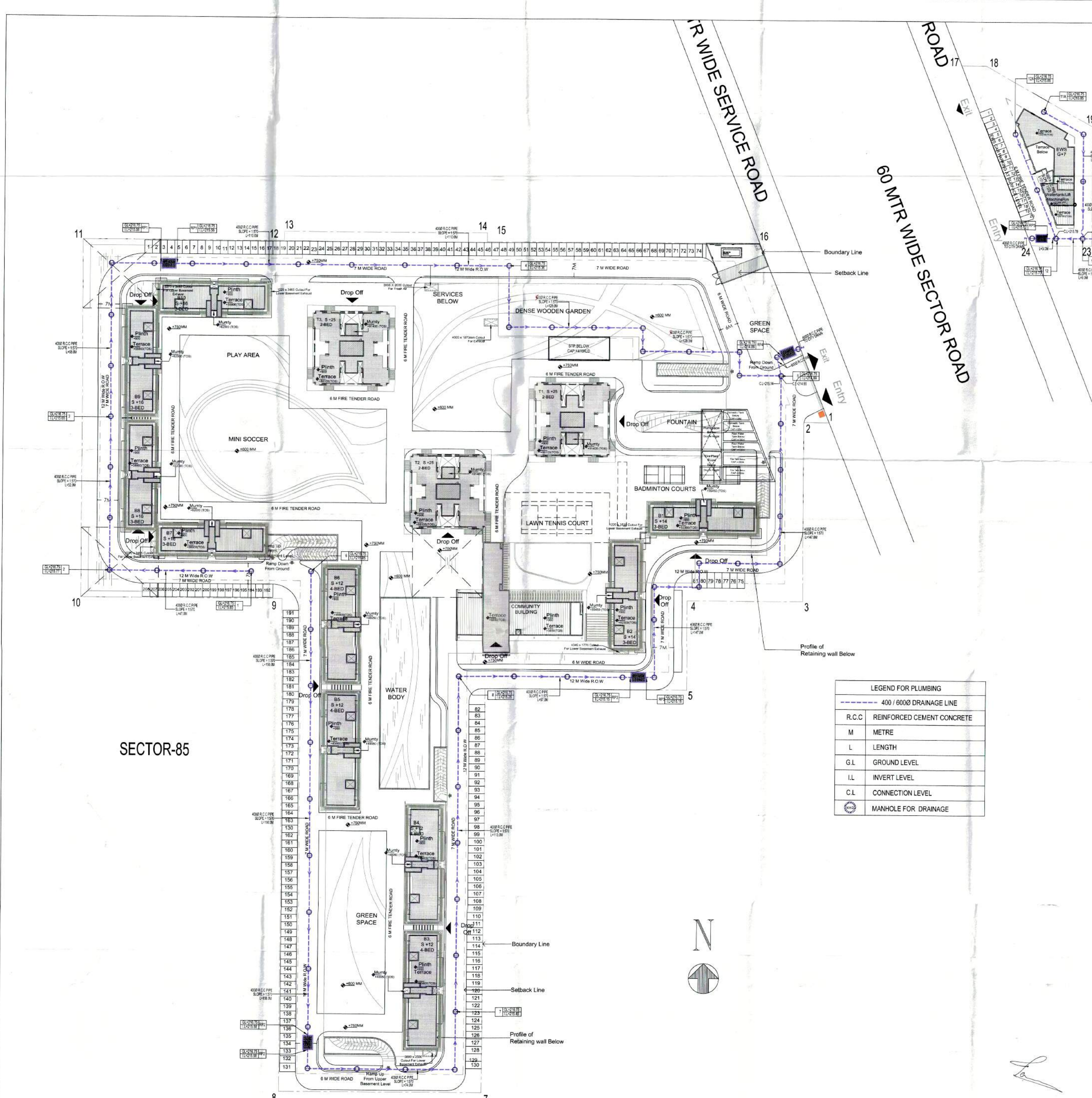


Dr. Jai Prakash
 Executive Engineer
 for Chief Engineer
 HUDA Panchkula



LEGEND FOR PLUMBING

- 400 / 600Ø DRAINAGE LINE
- R.C.C. REINFORCED CEMENT CONCRETE
- M METRE
- L LENGTH
- G.L. GROUND LEVEL
- I.L. INVERT LEVEL
- C.L. CONNECTION LEVEL
- MANHOLE FOR DRAINAGE

FOR APPROVAL AREA AND POPULATION STATEMENT

Sl. No.	Bldg. Type	Description	No. of Floors	No. of Apartments	AREA CALCULATIONS				POPULATION STATEMENT				
					Overall Coverage (sqm)	Net Coverage (sqm)	Useful Area (sqm)	Total	Useful Area (sqm)	Total	Population	Service Population	
1	BLOCK (T1)	Ground	1	100	4000.00	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
2	BLOCK (T2)	Ground	1	100	4000.00	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
3	BLOCK (T3)	Ground	1	100	4000.00	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
4	BLOCK (T4)	Ground	1	100	4000.00	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
5	BLOCK (T5)	Ground	1	100	4000.00	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
6	BLOCK (T6)	Ground	1	100	4000.00	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
7	BLOCK (T7)	Ground	1	100	4000.00	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
8	BLOCK (T8)	Ground	1	100	4000.00	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
9	BLOCK (T9)	Ground	1	100	4000.00	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
10	BLOCK (T10)	Ground	1	100	4000.00	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
11	BLOCK (T11)	Ground	1	100	4000.00	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
12	BLOCK (T12)	Ground	1	100	4000.00	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
13	BLOCK (T13)	Ground	1	100	4000.00	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
14	E.N.A. (G+7)	Ground	1	100	4000.00	3500.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00
Total					40000.00	35000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00	10000.00

REVISED ABSTRACT OF AREA CALCULATION

Sl. No.	Use	Area (sqm)	Rate	Value
1	CONVENIENT SHOPPING	100	1000.00	100000.00
2	COMMUNITY BUILDING (Including PAR)	100	1000.00	100000.00
3	SCHOOL	100	1000.00	100000.00
Grand Total		300		300000.00

LEGEND :-

- EXISTING BOUNDARY
- SETBACK LINE
- BASEMENT

NOTES :-

- ALL LIFTS SHALL HAVE 100% POWER BACK-UP.
- ALL ELECTRICAL INSTALLATIONS SHALL BE AS PER PROVISIONS OF NBC.
- FIRE-FIGHTING / SAFETY PROVISIONS WILL BE AS PER RELEVANT NBC PROVISIONS.
- ROOF SLAB OF UPPER BASEMENT DESIGNED TO TAKE LOAD OF FIRE TENDER.
- MAIN ENTRY GATE AS PER STANDARD DESIGN.

AUTHORITY STAMP
 SANCTIONED
 To be used for...
 [Signatures]

- All Dimensions & Levels are in mm unless otherwise mentioned.
- All Mechanical and Electrical drawings shall be read jointly with the architectural drawings in order to establish a complete list of works.
- The contractor shall verify all dimensions, details, specifications & site conditions & shall report any error, omission and/or anomaly to the architect before commencement of work.
- For construction purposes, the dimensions shall not be measured directly on the drawings. The drawings shall not be used for construction until they are issued for construction.
- All relevant structural drawings shall be read jointly with the architectural drawings and any discrepancy to be brought to the notice of Architects before execution of work on site.
- All dimensions specified in Architectural drawings shall supersede the dimensions and structural drawings unless otherwise mentioned.
- Refer separate detailed drawing for cutout and sleeve location and sizes.
- Refer separate detailed drawing for Staircases, Ramps, RCP, Linear Staircases.

SKETCHES INCORPORATED DETAILS

Sketch No.	Date	Issued By	Description

DRAWING ISSUE/REVISION DETAILS

Drawing No.	Date	Issued By	Description

ARCHITECT STAMP

Architects:
 Arcop Associates Pvt. Ltd.
 E-106, Greater Kailash Enclave - I
 New Delhi, India
 Ph: 2624 2050 Fax: 2624 2035

Structures:
 DESMAN
 A-53, Second Floor
 East of Kailash
 New Delhi 110 085
 Tel. : 26838405; Fax 26838405
 Email : desman_madhav@gmail.com

Electrical / HVAC:
 ENVIROTECH DESIGN PVT. LTD.
 G-79, 3rd Floor (Above PUMA Showroom)
 Near Kalindi Kunj (Main Road),
 New Delhi - 110025
 Email: projects@envirotech.in TEL: 29648001

Plumbing / Fire Fighting
 ARK CONSULTANTS
 130, Rooham garden-II
 Kalkaji Road, Najafgarh
 New Delhi - 110043

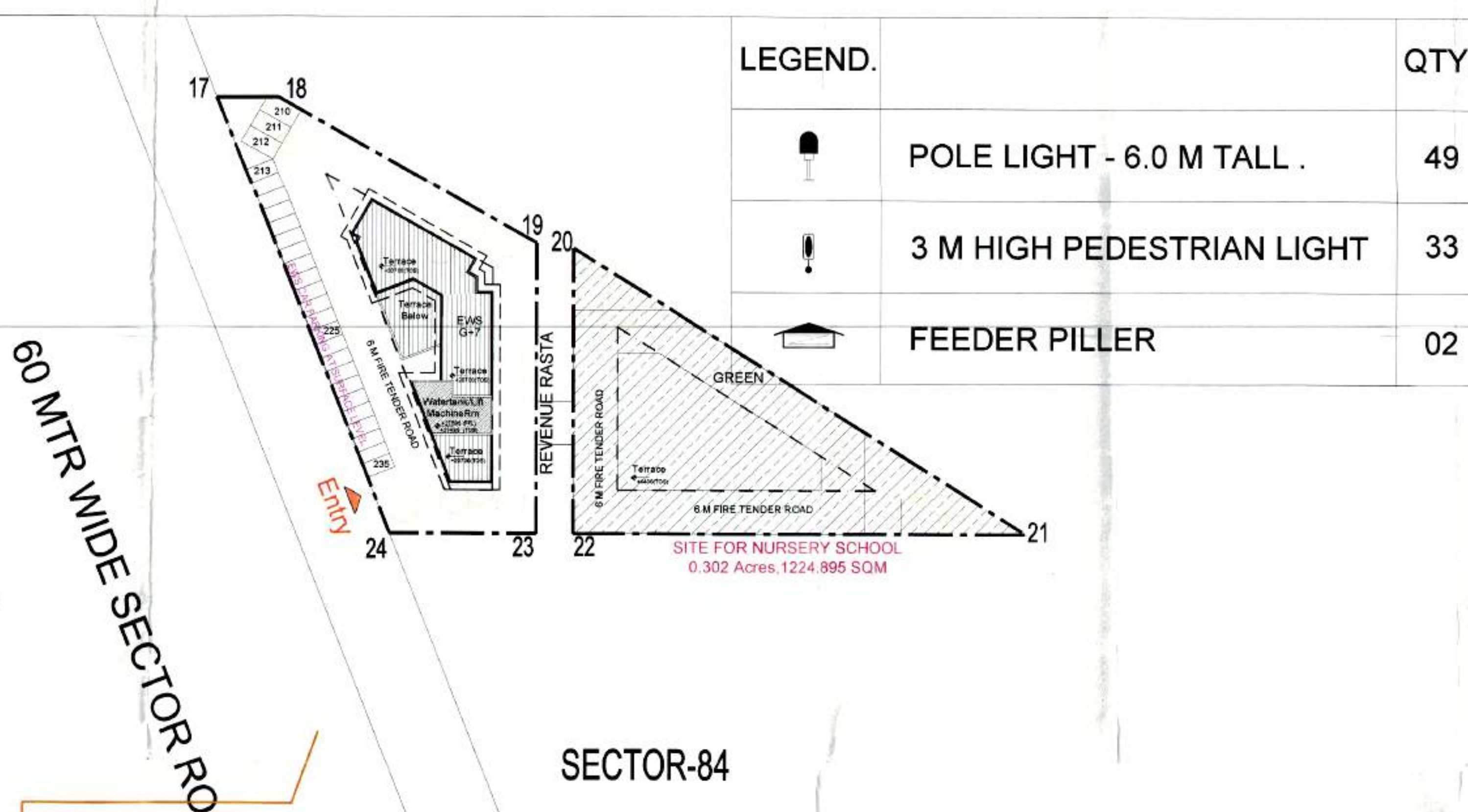
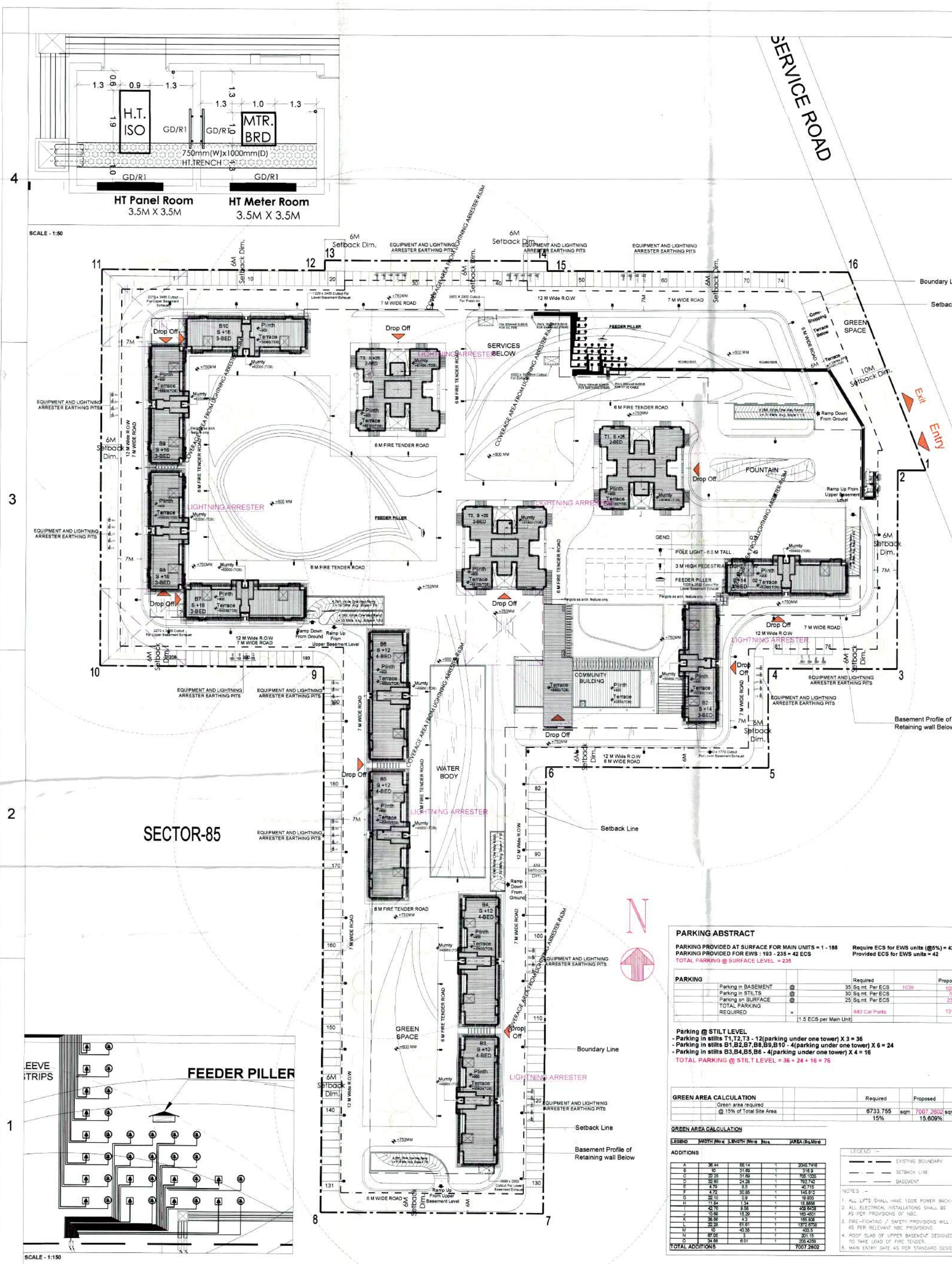
Landscape:
 NIPPAYSAGE
 ARCHITECTES PAYSAGISTES
 LANDSCAPE ARCHITECTS

Clients:
 SHIVA PROFINS PVT. LTD.

Project Title:
 PROPOSED BUILDING PLANS OF GROUP HOUSING COLONY AREA
 MEASURING 11.592 ACRE(S) (INCIDENCE NO.81 OF 2011 DATED 16.08.2011)
 IN SECTOR-84 SURUBACH MANEER URBAN COMPLEX BEING
 DEVELOPED BY SHIVA PROFINS PVT. LTD.

Drawing Title:
 PLUMBING
 DRAINAGE SITE LAYOUT PLAN
 Scale: 1:500 Project No: 2011/75
 Date: 24.05.14 Drawing No:
 Drawn By: VIKRAM PL-DR-01
 Checked By: A.GANGWAR
 Sheet Size: A0 Drawing Status:

Tanu Mathur, Architect
 Council of Architecture
 Registration No. CA01050516



LEGEND.	QTY.	AUTHORITY STAMP
	49	<p>1. All Dimensions & Levels are in mm unless otherwise mentioned.</p> <p>2. All Mechanical and Electrical drawings shall be read jointly with the architectural drawings in order to establish a complete set of works.</p> <p>3. The contractor shall verify all dimensions, details, specifications & site conditions & shall report any error, omission and/or anomaly to the architect before commencement of work.</p> <p>4. For construction purposes, the dimensions shall not be measured directly on the drawings. The drawings shall not be used for construction until they are issued for construction.</p> <p>5. All relevant structural drawings shall be read jointly with the architectural drawings and any discrepancy to be brought to the notice of Architects before execution of work on site.</p> <p>6. All dimensions specified in Architectural drgs shall supersede the services and structural drgs unless otherwise mentioned.</p> <p>7. Refer separate detailed drawing for cutout and sleeve location and sizes</p> <p>8. Refer separate detailed drawing for Staircases; Ramps; RCP; Shower Rooms</p>
	33	
	02	

SKETCHES INCORPORATED DETAILS			
Sketch No.	Date	Issued By	Description

DRAWING ISSUE/REVISION DETAILS			
Drawing No.	Date	Issued By	Description

FOR APPROVAL AREA AND POPULATION STATEMENT

S.No.	Bldg Type	Description	No. of Floors	No. of Bldgs.		No. of Apartments		Ground Coverage (n sqm)		FAR (n sqm)		POPULATION BREAK UP		TOTAL				
				A	B	C	A x C	D	A x D	Main Population @ 5 Person/Unit	Service Population @ 2 Person/Unit	E + F						
1	BLOCK (T1)	(S+25) Apartments	1	1	100	532.5061	532.5061	10733.6584	10733.6584	500	---	500	---	500				
2	BLOCK (T2)	(S+25) Apartments	1	1	100	532.5061	532.5061	10733.6584	10733.6584	500	---	500	---	500				
3	BLOCK (T3)	(S+25) Apartments	1	1	100	532.5061	532.5061	10733.6584	10733.6584	500	---	500	---	500				
4	BLOCK (B1)	(S+14) Apartments	1	24 + 2	= 26	341.73	341.73	4164.7887	4164.7887	130	---	130	---	130				
5	BLOCK (B2)	(S+14) Apartments	1	24 + 2	= 26	341.73	341.73	4164.7887	4164.7887	130	---	130	---	130				
6	BLOCK (B3)	(S+12) Apartments	1	20 + 2	= 22	375.12	375.12	4068.93	4068.93	110	---	110	---	110				
7	BLOCK (B4)	(S+12) Apartments	1	20 + 2	= 22	375.12	375.12	4068.93	4068.93	110	---	110	---	110				
8	BLOCK (B5)	(S+12) Apartments	1	20 + 2	= 22	375.12	375.12	4068.93	4068.93	110	---	110	---	110				
9	BLOCK (B6)	(S+12) Apartments	1	20 + 2	= 22	375.12	375.12	4068.93	4068.93	110	---	110	---	110				
10	BLOCK (B7)	(S+16) Apartments	1	28 + 2	= 30	341.73	341.73	4770.48	4770.48	150	---	150	---	150				
11	BLOCK (B8)	(S+16) Apartments	1	28 + 2	= 30	341.73	341.73	4770.48	4770.48	150	---	150	---	150				
12	BLOCK (B9)	(S+16) Apartments	1	28 + 2	= 30	341.73	341.73	4770.48	4770.48	150	---	150	---	150				
13	BLOCK (B10)	(S+16) Apartments	1	28 + 2	= 30	341.73	341.73	4770.48	4770.48	150	---	150	---	150				
14	E.W.S.	(G+7)	1	99	424.63941	424.63941	2055.2548	2055.2548	---	198	---	---	---	198				
15	Shopping	(G)	1	1	188.57	188.57	188.57	188.57	---	---	---	---	---	---				
16	Community Building	(G+1)	1	1	716.2637	716.2637	---	---	---	---	---	---	---	---				
17	Nursery School	(G)	1	1	231.03884	231.03884	---	---	---	---	---	---	---	---				
Total										859	Grand Total	6708.8902	Grand Total	78131.9774	2900	310	2900 + 310 = 3110	---

AREA STATEMENT			
S.No.	Bldg Type	Description	No. of Bldgs.
1	COMMUNITY BUILDING	(G+1)	1
2	SCHOOL	(G)	1

TOTAL AREA OF SITE FOR NURSERY SCHOOL : 0.302 ACRES
 FAR AVAILABLE ON : 0.2 ACRES = 899.374 SQ MTS
 PERMISSIBLE GROUND COVERAGE @ 33% : 297.251 SQ M
 PROPOSED GROUND COVERAGE : 231.03884 SQ M
 PROPOSED FAR FOR NURSERY SCHOOL : 231.03884 SQ M

PARKING ABSTRACT			
Parking	Required	Proposed	Remarks
Parking in BASEMENT	35 Sq. mt. Per ECS	1039	100%
Parking on SURFACE	30 Sq. mt. Per ECS	335	100%
TOTAL PARKING	640 Car Parks	1374	100%

Parking @ STILT LEVEL
 - Parking in stilt T1, T2, T3 - 12 (parking under one tower) X 3 = 36
 - Parking in stilt B1, B2, B7, B8, B9, B10 - 4 (parking under one tower) X 6 = 24
 - Parking in stilt B3, B4, B5, B6 - 4 (parking under one tower) X 4 = 16
 TOTAL PARKING @ STILT LEVEL = 36 + 24 + 16 = 76

GREEN AREA CALCULATION			
Green Area Required	Required	Proposed	%
Green Area Required @ 15% of Total Site Area	8733.755 sqm	7007.2600 sqm	15%

POPULATION STATEMENT			
No. of DU	Permissible	Proposed	Remarks
500	5	2000	400%
1000	2	1000	100%
1500	2	1500	100%
TOTAL POPULATION	9	4500	500%

ABSTRACT OF AREA CALCULATION			
Category	Area	Acres	Sqm
TOTAL SITE AREA	11.093	ACRES	44891.70
FOR COMMERCIAL	0.55%	ACRES	224.45
SITE AREA For Residential	100.00%	ACRES	44891.70

INFRASTRUCTURE			
Category	Required	Proposed	Remarks
Convenient shopping @ 0.5% of Site Area	224.45 sqm	188.57 sqm	84%

PARAMETERS			
Parameter	Permissible	Proposed	Remarks
F.A.R.	1.75	1.740	99%
COVERED AREA	78560.475 sqm	78131.9774 sqm	99%
GROUND COVERAGE	35.00%	14.94%	43%
PERMISSIBLE GROUND COVERAGE	15,712.095 sqm	6708.8902 sqm	43%

BASEMENT AREA STATEMENT			
Category	Area	Acres	Sqm
AREA AT UPPER BASEMENT LEVEL	29045.856	SQ MTS.	29045.856
SERVICE AREA AT UPPER BASEMENT	3373.786	SQ MTS.	3373.786
NET AREA UNDER PARKING AT UPPER BASEMENT	21672.07	SQ MTS.	21672.07

POPULATION STATEMENT			
No. of DU	Permissible	Proposed	Remarks
500	5	2000	400%
1000	2	1000	100%
1500	2	1500	100%
TOTAL POPULATION	9	4500	500%

LOWER BASEMENT AREA STATEMENT			
Category	Area	Acres	Sqm
AREA AT LOWER BASEMENT LEVEL	16750.757	SQ MTS.	16750.757
SERVICE AREA AT LOWER BASEMENT	2102.83	SQ MTS.	2102.83
NET AREA UNDER PARKING AT LOWER BASEMENT	14648.27	SQ MTS.	14648.27

ARCHITECT STAMP

Architects :
 Arcop Associates Pvt. Ltd.
 E-106, Greater Kailash Enclave - I
 New Delhi, India
 Ph. : 2624 2050 Fax : 2624 2035

Structures :
 DESMAN
 A-53, Second Floor
 East of Kailash
 New Delhi 110 065
 Tel. : 26383405; Fax : 26836405
 Email : desman.madhav@gmail.com

Electrical / HVAC:
 ENVIROTECH DESIGN PVT. LTD.
 G-79, 3rd Floor (Above PUMA Showroom)
 Near Kailash Kunj (Main Road),
 New Delhi - 110025
 Email: projects@envirotech.in TEL: 29946091

Plumbing / Fire Fighting
 ARK CONSULTANTS
 1/30, Roshan garden-II
 Kakrola Road, Najafgarh
 New Delhi - 110043

Landscape :
 NIP PAYSAGE
 ARCHITECTES PAYSAGISTES
 LANDSCAPE ARCHITECTS

Clients:
 SHIVA PROFINS PVT. LTD.

Project Title :
 PROPOSED BUILDING PLANS OF GROUP HOUSING COLONY AREA
 MEASURING 11.093 ACRES (SCIENCE NO. 81 OF 2011 DATED 16.09.2011)
 IN SECTOR-85, GURGAON MANESAR URBAN COMPLEX BEING
 DEVELOPED BY SHIVA PROFINS PVT. LTD.

Drawing Title :
 ELECTRICAL LAYOUT

Master Plan

Scale : 1:500 Project No : 2011/75 Rev :
 Date : 22.03.2014 Drawing No :
 Drawn By : SH SHIVAM MP-01 00
 Checked By : KA Drawing Status : Sanction
 Sheet Size : A0

SANCTIONED

To be read in conjunction with memo No. 1242 Dtd. 08/11/13

Sanctioned by: [Signatures]

AUTHORITY STAMP

- 1. All Dimensions & Levels are in mm unless otherwise mentioned.
2. All Mechanical and Electrical drawings shall be read jointly with the architectural drawings in order to establish a complete list of work.
3. The contractor shall verify all dimensions, details, specifications & site conditions & shall report any error, omission and/or anomaly to the architect before commencement of work.
4. For construction purposes, the dimensions shall not be measured directly on the drawings. The drawings shall not be used for construction until they are issued for construction.
5. All relevant structural drawings shall be read jointly with the architectural drawings and any discrepancy to be brought to the notice of Architect before execution of work on site.
6. All dimensions specified in Architectural drawings shall supersede the services and structural drawings unless otherwise mentioned.
7. Refer separate detailed drawing for column and sleeve location and sizes.
8. Refer separate detailed drawing for Balconies, Ramps, RCP Blower Rooms.

SKETCHES INCORPORATED DETAILS

DRAWING ISSUE/REVISION DETAILS

ARCHITECT STAMP

Architects: Arcop Associates Pvt. Ltd. E-106, Greater Kailash Enclave - I New Delhi, India Ph.: 2624 2050 Fax: 2624 2035

Structures: DESMAN A-53, Second Floor East of Kailash New Delhi 110 065 Tel.: 26636405; Fax: 26636405 Email: desman.madhav@gmail.com

Electrical / HVAC: ENVIROTECH DESIGN PVT. LTD. G-79, 3rd Floor (Above PUMA Showroom) Near Kailash Kirti (Main Road), New Delhi - 110025 Email: projects@envirotech.in

Plumbing / Fire Fighting: ARK CONSULTANTS 130, Roshan garden-II Kalkota Road, Najafgarh New Delhi - 110043

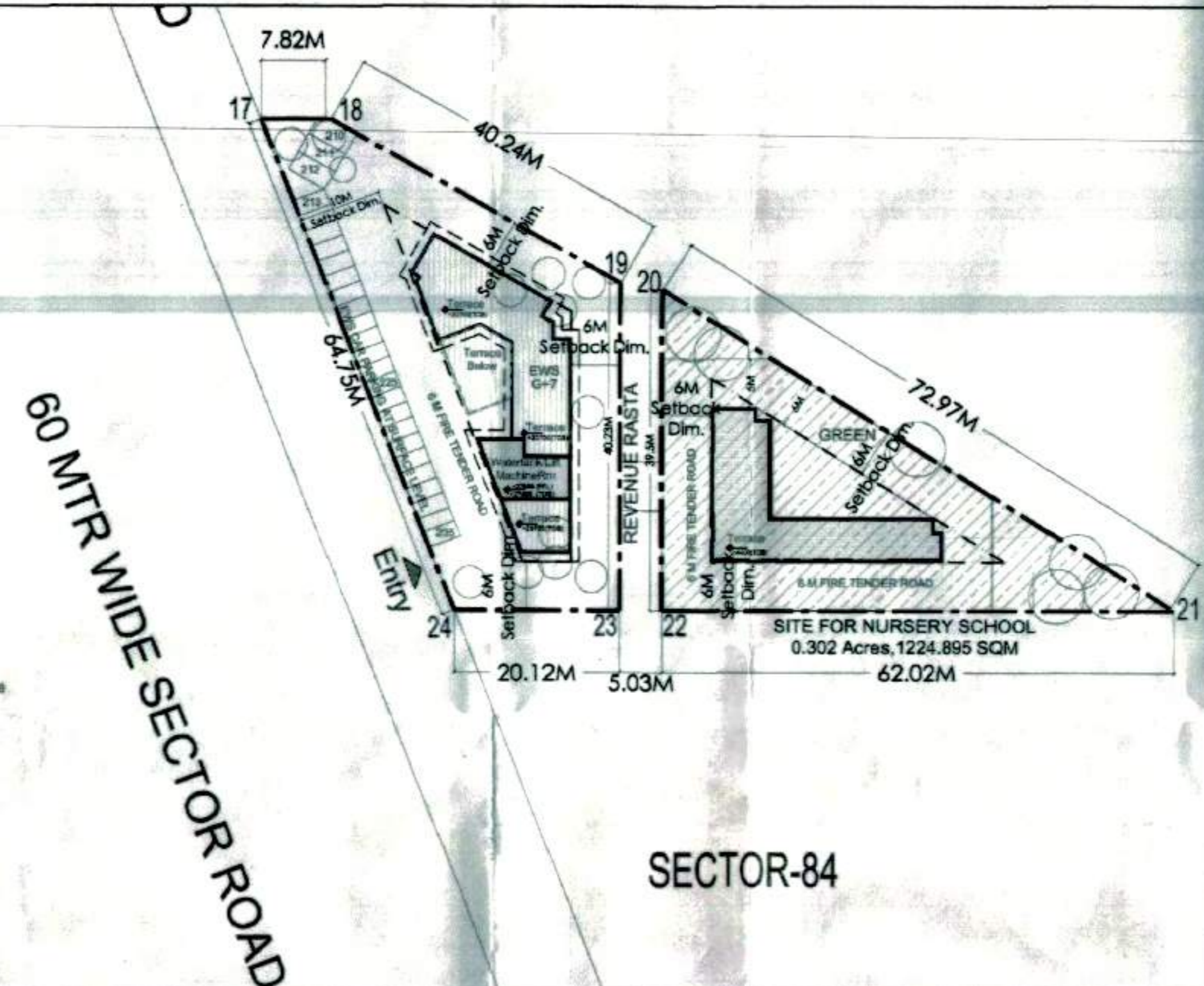
Landscaping: NIP/PAYSAGE ARCHITECTS PAYSAGISTES LANDSCAPE ARCHITECTS

Clients: SHIVA PROFINS PVT. LTD.

Project Title: PROPOSED BUILDING PLANS OF GROUP HOUSING COLONY AREA MEASURING 11.883 ACRES (DRAFT NO. 81 OF 2011 DATED 16.08.2011) IN SECTOR-85, GURGAON MANEER URBAN COMPLEX BEING DEVELOPED BY SHIVA PROFINS PVT. LTD.

Drawing Title: Architecture Master Plan (Road Layout)

Date: 1500 Project No: 2011/75 Rev: 09.03.2013 Drawing No: MP-01 00 Drawn By: Tanu Mathur Checked By: Varun Jain Sheet Size: A0 Drawing Status: Sanction



FOR APPROVAL AREA AND POPULATION STATEMENT

Table with columns: S.No., Bldg Type, Description, No. of Floors, No. of Bldgs., No. of Apartments, Area Calculations (Ground Coverage, FAR), and Population Statement (Main Population, Service Population, Total).

AREA STATEMENT: S.No., Bldg Type, Description, No. of Floors, No. of Bldgs., Covered Areas (Of One Building, Total).

ABSTRACT OF AREA CALCULATION: TOTAL SITE AREA, FOR COMMERCIAL, SITE AREA FOR Residential.

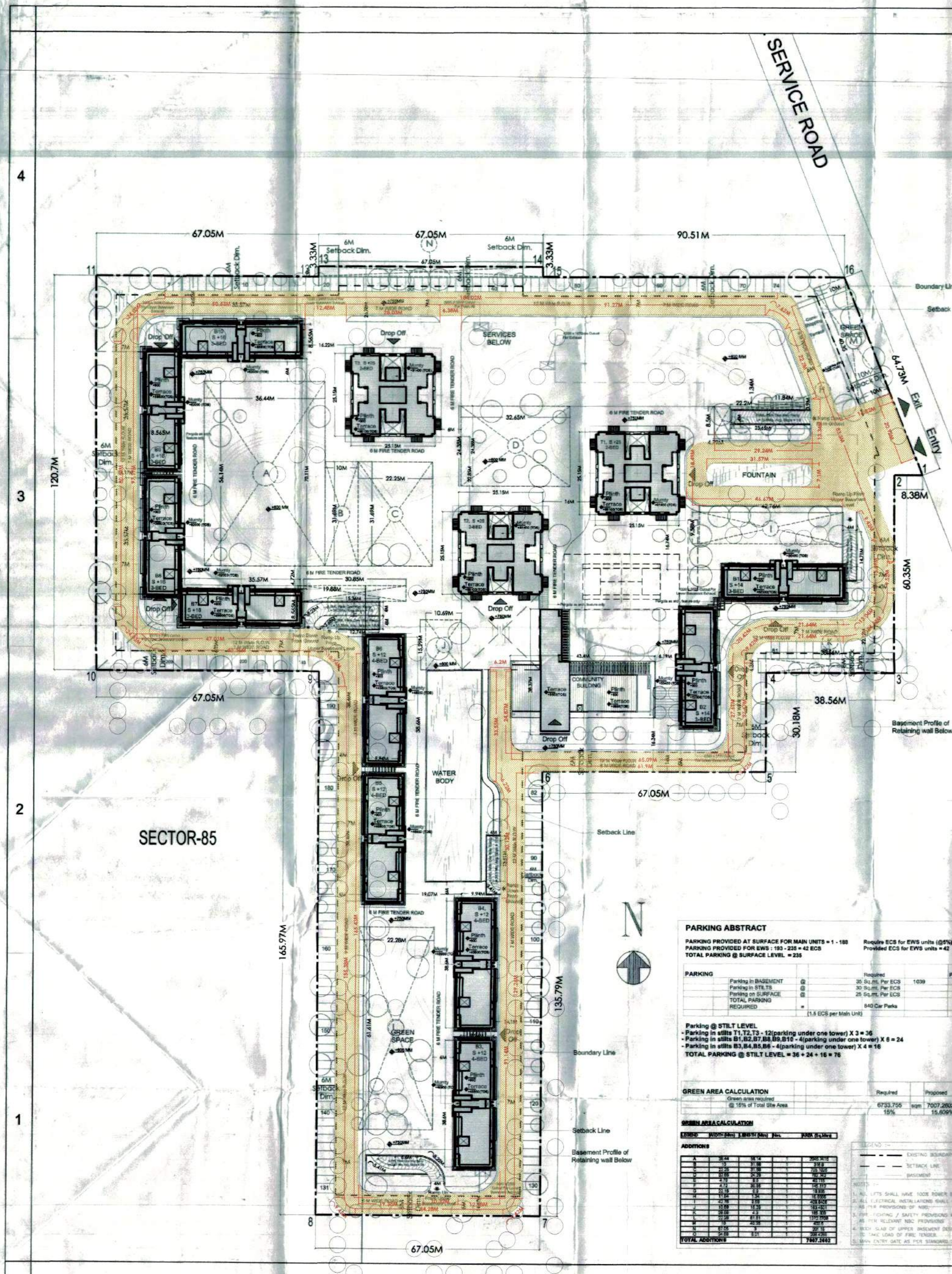
PARAMETERS: F.A.R., COVERED AREA, GROUND COVERAGE, No. of UNITS (Main), No. of UNITS (EWS).

POPULATION STATEMENT: No. of DU, Population of Main Units, Population of EWS units, TOTAL POPULATION, TOTAL DENSITY.

INFRASTRUCTURE: Conversion shopping @ 0.5% of Site Area. Required: 224.45 sqm, Proposed: 188.57 sqm.

BASEMENT AREA STATEMENT: UPPER BASEMENT AREA STATEMENT, AREA AT UPPER BASEMENT LEVEL, SERVICE AREA AT UPPER BASEMENT, NET AREA UNDER PARKING AT UPPER BASEMENT.

LOWER BASEMENT AREA STATEMENT: AREA AT LOWER BASEMENT LEVEL, SERVICE AREA ON LOWER BASEMENT, NET AREA UNDER PARKING ON LOWER BASEMENT.



PARKING ABSTRACT: PARKING PROVIDED AT SURFACE FOR MAIN UNITS = 1 - 188, PARKING PROVIDED FOR EWS = 183 - 225 = 42 ECS, TOTAL PARKING @ SURFACE LEVEL = 235.

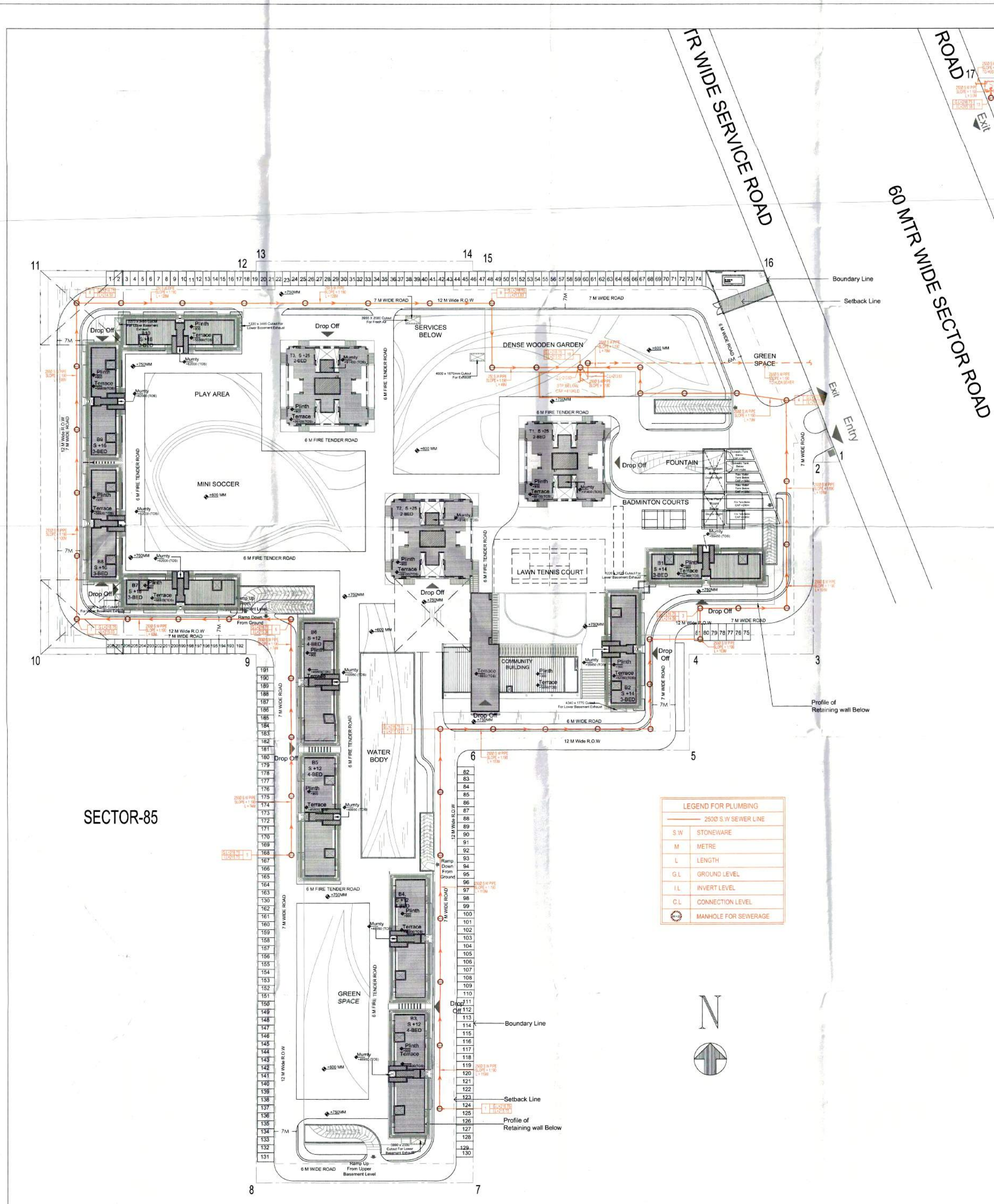
Table for Parking: Parking in BASEMENT, Parking in ST/LT, TOTAL PARKING, Required, Proposed.

Parking @ ST/LT LEVEL: Parking in sills B1, B2, B7, B8, B9, B10 - 4 (parking under one tower) X 3 = 36, Parking in sills B3, B4, B5, B6 - 4 (parking under one tower) X 4 = 16, TOTAL PARKING @ ST/LT LEVEL = 36 + 24 + 16 = 76.

GREEN AREA CALCULATION: Green area required @ 10% of Total Site Area: 6733.756 sqm, Proposed: 15.650%.

SEWERAGE CALCULATION: SEWERAGE REQUIRED: 1447 Car Parks, 15.5 ECS per Main Unit.

Table for Sewerage: Sewerage Required, Sewerage Proposed, Sewerage Capacity.



FOR APPROVAL AREA AND POPULATION STATEMENT

S.No.	Bldg Type	Description	No. of Bldgs	No. of Apartments	AREA CALCULATIONS				POPULATION STATEMENT		
					Ground Coverage (in sqm)		FAR (in sqm)		POPULATION BREAKUP		TOTAL
					Of One Building	Total	Of One Building	Total	Main Population (@ 5 Person/Unit)	Service Population (@ 2 Person/Unit)	
1	BLOCK (T1)	(G+25) Apartments	1	100	467.97	467.97	19677.408	19677.408	500		500
2	BLOCK (T2)	(G+25) Apartments	1	100	467.97	467.97	19677.408	19677.408	500		500
3	BLOCK (T3)	(G+25) Apartments	1	100	467.97	467.97	19677.408	19677.408	500		500
4	BLOCK (B1)	(G+14) Apartments	1	26	341.73	341.73	4161.2478	4161.2478	130		182
5	BLOCK (B2)	(G+12) Apartments	1	26	341.73	341.73	4161.2478	4161.2478	130		182
6	BLOCK (B3)	(G+12) Apartments	1	22	375.12	375.12	4098.93	4098.93	110		152
7	BLOCK (B4)	(G+12) Apartments	1	22	375.12	375.12	4098.93	4098.93	110		152
8	BLOCK (B5)	(G+12) Apartments	1	22	375.12	375.12	4098.93	4098.93	110		152
9	BLOCK (B6)	(G+12) Apartments	1	22	375.12	375.12	4098.93	4098.93	110		152
10	BLOCK (B7)	(G+14) Apartments	1	30	341.73	341.73	4796.959	4796.959	150		210
11	BLOCK (B8)	(G+14) Apartments	1	30	341.73	341.73	4796.959	4796.959	150		210
12	BLOCK (B9)	(G+14) Apartments	1	30	341.73	341.73	4796.959	4796.959	150		210
13	BLOCK (B10)	(G+14) Apartments	1	30	341.73	341.73	4796.959	4796.959	150		210
14	E.W.S.	(G+7)	1	96	349.497	349.497	2118.212	2118.212	---	302	---
Total					656	Grand Total	5504.267	Grand Total	77984.49	2720	3312

S.No.	Bldg Type	Description	No. of Bldgs	Ground Coverage	Coverage Areas
1	CONVENIENT SHOPPING	(G)	1	73.093	73.093
2	COMMUNITY BUILDING (Excluding FAR)	(G+1)	1	716.59	914.708
3	SCHOOL	(G)	1	231.038	231.038

PARAMETERS	PERMISSIBLE	PROPOSED
F.A.R.	1.75	1.736
COVERED AREA	78260.473 sqm	77964.49 sqm
GROUND COVERAGE	35.00%	14.09%
No. of UNITS (Main)		630 units
No. of UNITS (EWS)		302 units

REVISOR	REVISION	DATE
1	REVISED ABSTRACT OF AREA CALCULATION	2011/7/5

REVISOR	REVISION	DATE
1	REVISED POPULATION STATEMENT	2011/7/5

PARAMETERS	REQUIRED	PROPOSED
PARKING IN BASEMENT	30	30
PARKING ON SURFACE	20	20
TOTAL PARKING	50	50

GREEN AREA CALCULATION	REQUIRED	PROPOSED
Green area required @ 10% of Total Site Area	8733.755 sqm	17722.877 sqm

- LEGEND :-**
- EXISTING BOUNDARY
 - SETBACK LINE
 - BASEMENT
- NOTES :-**
- ALL LIFTS SHALL HAVE 100% POWER BACK-UP.
 - ALL ELECTRICAL INSTALLATIONS SHALL BE AS PER PROVISIONS OF NBC.
 - FIRE-FIGHTING / SAFETY PROVISIONS WILL BE AS PER RELEVANT NBC PROVISIONS.
 - ROOF SLAB OF UPPER BASEMENT DESIGNED TO TAKE LOAD OF FIRE TENDER.
 - MAIN ENTRY GATE AS PER STANDARD DESIGN.

AUTHORITY STAMP

SANCTIONED

Checked and found ok for Public Health Department. Approved for construction. Date: 26/7/11

- All Dimensions & Levels are in mm unless otherwise mentioned.
- All Mechanical and Electrical drawings shall be read jointly with the architectural drawings in order to establish a complete set of work.
- The contractor shall verify all dimensions, details, specifications & site conditions & shall report any error, omission and/or anomaly to the architect before commencement of work.
- For construction purposes, the dimensions shall not be measured directly on the drawings. The drawings shall not be used for construction until they are issued for construction.
- All relevant structural drawings shall be read jointly with the architectural drawings and any discrepancy to be brought to the notice of Architect before execution of work on site.
- All dimensions specified in Architectural and civil drawings shall supersede the services and structural drawings unless otherwise mentioned.
- Refer separate detailed drawing for column and beam location and sizes.
- Refer separate detailed drawing for Staircases, Ramps, RCP, Blower Rooms.

SKETCHES INCORPORATED DETAILS

Sketch No.	Date	Issued By	Description

DRAWING ISSUE/REVISION DETAILS

Drawing No.	Date	Issued By	Description

ARCHITECT STAMP

Architects:
Anoop Associates Pvt. Ltd.
E-105, Greater Kailash Enclave - I
New Delhi, India
Ph: 2524 2050 Fax: 2624 2035

Structures :
DESMAN
A-53, Second Floor
East of Kailash
New Delhi - 110 065
Tel : 26636405; Fax 26836405
Email : desman.madhav@gmail.com

Electrical / HVAC:
ENVIROTECH DESIGN PVT. LTD.
G-79, 3rd Floor (Above PUMA Showroom)
Near Kalindi Kurnj (Main Road),
New Delhi - 110025
Email: projects@envirotech.in
TEL: 29948061

Plumbing / Fire Fighting
ARK CONSULTANTS
1/30, Roshan garden-II
Kakrola Road, Najafgarh
New Delhi - 110043

Landscape :
NIP PAYSAGE
ARCHITECTS PAYSAGISTES
LANDSCAPE ARCHITECTS

Clients:
SHIVA PROFINS PVT. LTD.

Project Title :
PROPOSED BUILDING PLANS OF GROUP HOUSING COLONY AREA MEASURING 11.063 ACRES (EWS) NO. 81 OF 2011 DATED: 16.09.2011 IN SECTOR-86 GURGAON MANESAR URBAN COMPLEX BEING DEVELOPED BY SHIVA PROFINS PVT. LTD.

Drawing Title :
PLUMBING
SEWERAGE SITE LAYOUT PLAN

Scale : 1:500 Project No : 2011/7/5
Date : 24.05.14 Drawing No :
Drawn By : VIKRAM PL-SW-01
Checked By : A GANGWAR
Sheet Size : A0 Drawing Status :

Tanu Mathur, Architect
Council of Architecture
Registration No. CA201050876



Water Supply
Flushing Supply
Fire Fighting

Supervisor Engineer
HUDA City 3, N-1

DR 14111 and notes attached with the estimate

AUTHORITY STAMP
SANCTIONED
To be used in connection with the estimate No. 14111/15
Checked and found in order for Public Notice
For Chief Engineer
HUDA Particulars
Date: 24/05/14

- All Dimensions & Levels are in mm unless otherwise mentioned.
- All Mechanical and Electrical drawings shall be ready with the architectural drawings in order to establish a complete list of works.
- The contractor shall verify all dimensions, details, specifications & site conditions & shall report any error, omission and/or anomaly to the architect before commencement of work.
- For construction purposes, the dimensions shall not be measured directly on the drawings. The drawings shall not be used for construction until they are issued for construction.
- All relevant structural drawings shall be read jointly with the architectural drawings and any discrepancy to be brought to the notice of Architects before execution of work on site.
- All dimensions specified in Architectural drawings shall supersede the services and structural drawings otherwise mentioned.
- Refer separate detailed drawing for column and slabs location and size.
- Refer separate detailed drawing for Staircases, Ramps, RCP, Stair Floors.

SKETCHES INCORPORATED DETAILS

Sketch No.	Date	Issued By	Description

DRAWING ISSUE/REVISION DETAILS

Drawing No.	Date	Issued By	Description

ARCHITECT STAMP

Architects:
Aroop Associates Pvt. Ltd.
E-106, Greater Kailash Enclave - I
New Delhi, India
Ph: 2624 2050 Fax: 2624 2035

Structures:
DESMAN
A-53, Second Floor
East of Kailash
New Delhi 110 065
Tel.: 26636405; Fax 26636405
Email: desman_mahesh@gmail.com

Electrical / HVAC:
ENVIROTECH DESIGN PVT. LTD.
G-79, 3rd Floor (Above PUMA Showroom)
Near Kalindi Kunj (Main Road),
New Delhi - 110025
TEL: 29048051
Email: projects@envirotech.in

Plumbing / Fire Fighting:
ARK CONSULTANTS
1/30, Roostan garden-II
Kalrota Road, Najafgarh
New Delhi - 110043

Landscaping:
NIPPAVSAGE ARCHITECTS PAYSAGISTES
LANDSCAPE ARCHITECTS

Clients:
SHIVA PROFIN PVT. LTD.

Project Title:
PROPOSED BUILDING PLAN OF GROUP HOUSING COLONY AREA MEASURING 11.093 ACRES (SCHEMATIC NO. 81 OF 2011) (DA TEED 16.09.2011) IN SECTOR-84, GURDWAR MANESAR URBAN COMPLEX BEING DEVELOPED BY SHIVA PROFIN PVT. LTD.

Project No.: 2011/75
Project Title: WATER SUPPLY SITE LAYOUT PLAN

Drawing Title:
PLUMBING

Scale: 1:500
Date: 24.05.14
Drawn By: VKRAM
Checked By: A.GANGWAR
Sheet Size: A0

Project No.: 2011/75
Drawing No.: PL-WS-01
Drawing Status:

FOR APPROVAL AREA AND POPULATION STATEMENT

S.No.	Block Type	Description	No. of Bldgs	No. of Apartments	AREA CALCULATIONS		POPULATION STATEMENT		TOTAL	
					Ground Coverage (in sqm)	FAR (in sqm)	POPULATION BREAK UP			
				A	B	C	D	E	F	
1	BLOCK (T1)	Apartments (G+25)	1	100	467.97	467.97	10677.408	10677.408	500	500
2	BLOCK (T2)	Apartments (G+25)	1	100	467.97	467.97	10677.408	10677.408	500	500
3	BLOCK (T3)	Apartments (G+25)	1	100	467.97	467.97	10677.408	10677.408	500	500
4	BLOCK (B1)	Apartments (G+14)	1	26	341.73	341.73	4161.2478	4161.2478	130	162
5	BLOCK (B2)	Apartments (G+12)	1	26	341.73	341.73	4161.2478	4161.2478	130	162
6	BLOCK (B3)	Apartments (G+12)	1	22	375.12	375.12	4068.93	4068.93	110	152
7	BLOCK (B4)	Apartments (G+12)	1	22	375.12	375.12	4068.93	4068.93	110	152
8	BLOCK (B5)	Apartments (G+12)	1	22	375.12	375.12	4068.93	4068.93	110	152
9	BLOCK (B6)	Apartments (G+12)	1	22	375.12	375.12	4068.93	4068.93	110	152
10	BLOCK (B7)	Apartments (G+14)	1	30	341.73	341.73	4796.959	4796.959	150	210
11	BLOCK (B8)	Apartments (G+14)	1	30	341.73	341.73	4796.959	4796.959	150	210
12	BLOCK (B9)	Apartments (G+14)	1	30	341.73	341.73	4796.959	4796.959	150	210
13	BLOCK (B10)	Apartments (G+14)	1	30	341.73	341.73	4796.959	4796.959	150	210
14	BLOCK (E.W.S.)	W.S.	1	96	349.497	349.497	2116.212	2116.212	302	---
				Total	656	Grand Total	5304.287	Grand Total	77954.49	3312

CONVENIENT SHOPPING AREA STATEMENT

S.No.	Block Type	Description	No. of Floors	Ground Coverage	Coverage Area
				A	D
1	CONVENIENT SHOPPING	(G)	1	75.093	75.093
2	COMMUNITY BUILDING (Excluding FAR)	(G+1)	1	716.059	716.059
3	SCHOOL	(G)	1	231.038	231.038

REVISED ABSTRACT OF AREA CALCULATION

TOTAL SITE AREA	=	11.093	ACRES	44891.70	sq m
FOR COMMERCIAL	=	0.56%	ACRES	24.23	sq m
SITE AREA For	=	100.00%	ACRES	44891.70	sq m

PARAMETERS	PERMISSIBLE	PROPOSED
F.A.R.	= 1.75	1.756
COVERED AREA	= 78550.471	77954.49
GROUND COVERAGE	= 35.00%	14.09%
	= 15,712.098	14,093.09

REVISED POPULATION STATEMENT

No. of DU	Population of Main Units	Population of EWS units	Population of Service Units	Population of Total
100% of DU	110	2	2	114
	110 persons	2 persons	2 persons	114 persons
TOTAL POPULATION	114	2	2	118
DENSITY	150 PPA (minimum)	150 PPA (minimum)	150 PPA (minimum)	150 PPA (minimum)

INFRASTRUCTURE

Component	Required	Proposed
Convenient shopping @ 0.5% of Site Area	24.23 sqm	24.23 sqm

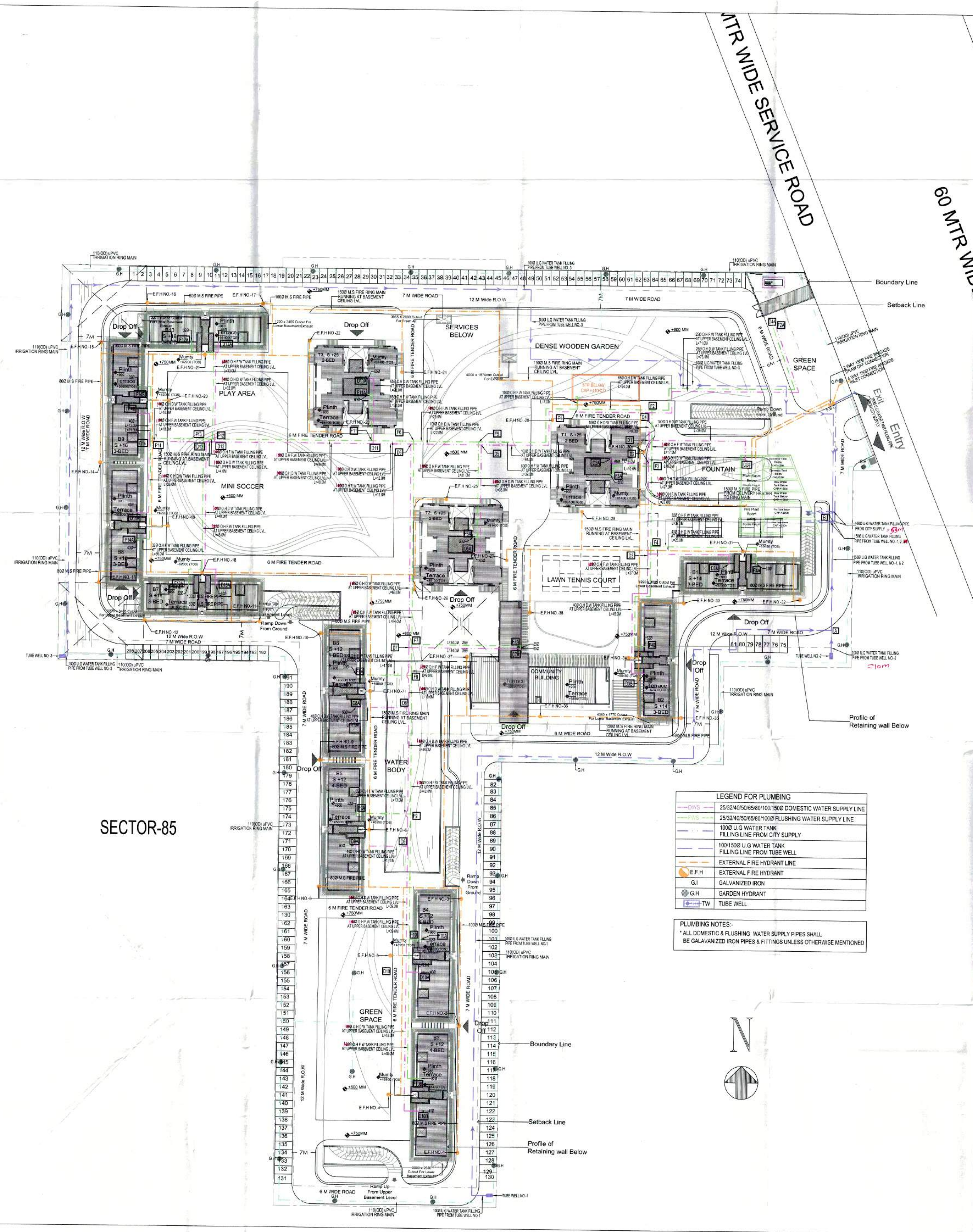
PARKING

Category	Required	Proposed
Parking in Basement @ 30 Sq M Per EWS	1038	1038
Parking on Surface @ 30 Sq M Per EWS	258	258
TOTAL PARKING REQUIRED	1296	1296

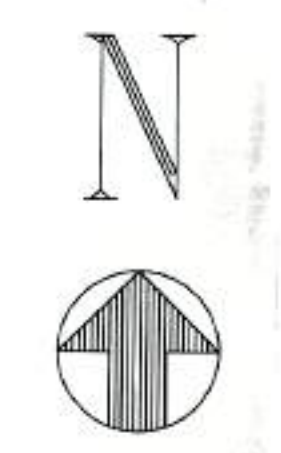
GREEN AREA CALCULATION

Category	Required	Proposed
Green Area @ 15% of Total Site Area	6733.755	6733.755
Green Area @ 15% of Total Site Area	18.898	18.898

- LEGEND :-**
- EXISTING BOUNDARY
 - SETBACK LINE
 - BASEMENT
- NOTES :-**
- ALL LIFTS SHALL HAVE 100% POWER BACK-UP.
 - ALL ELECTRICAL INSTALLATIONS SHALL BE AS PER PROVISIONS OF NBC.
 - FIRE-FIGHTING / SAFETY PROVISIONS WILL BE AS PER RELEVANT NBC PROVISIONS.
 - ROOF SLAB OF UPPER BASEMENT DESIGNED TO TAKE LOAD OF FIRE TENDER.
 - MAIN ENTRY GATE AS PER STANDARD DESIGN.



- LEGEND FOR PLUMBING**
- 25/32/40/50/65/80/100/1500 DOMESTIC WATER SUPPLY LINE
 - 25/32/40/50/65/80/1000 FLUSHING WATER SUPPLY LINE
 - 1000 U G WATER TANK FILLING LINE FROM CITY SUPPLY
 - 100/1500 U G WATER TANK FILLING LINE FROM TUBE WELL
 - EXTERNAL FIRE HYDRANT LINE
 - E.F.H EXTERNAL FIRE HYDRANT
 - G.I GALVANIZED IRON
 - G.H GARDEN HYDRANT
 - TW TUBE WELL
- PLUMBING NOTES:-**
- * ALL DOMESTIC & FLUSHING WATER SUPPLY PIPES SHALL BE GALVANIZED IRON PIPES & FITTINGS UNLESS OTHERWISE MENTIONED



Registered Architect
Registration No. CA20/050618