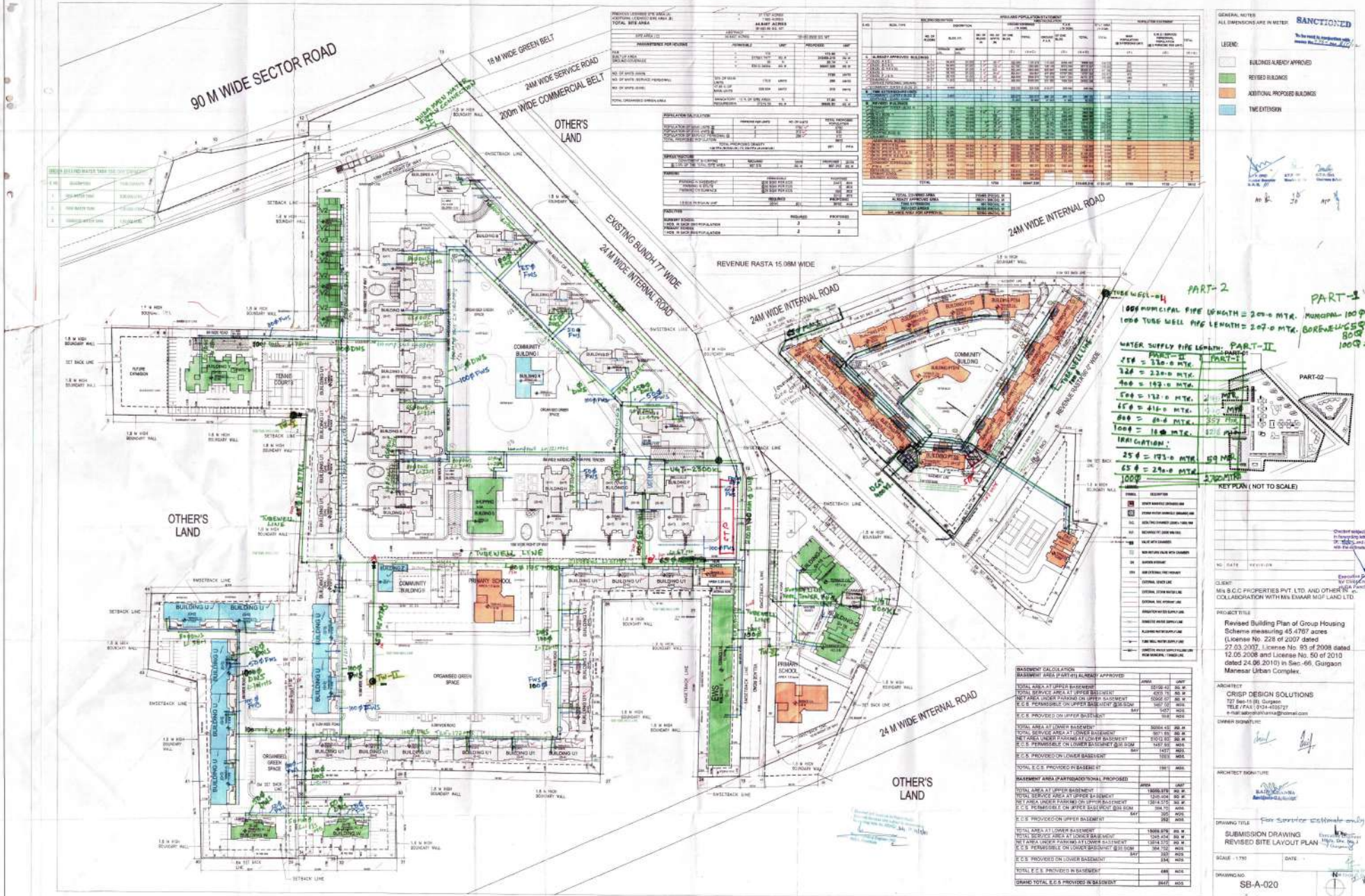
WATER SUPPLY



GENERAL NOTES
ALL DIMENSIONS ARE IN METER.

SANCTIONED

LEGEND:
- BUILDINGS ALREADY APPROVED
- REVISED BUILDINGS
- ADDITIONAL PROPOSED BUILDINGS
- TIME EXTENSION

BASEMENT CALCULATION		
BASEMENT AREA (PART-01) ALREADY APPROVED		
	AREA	UNIT
TOTAL AREA AT UPPER BASEMENT	22706.42	SQ. M
TOTAL SERVICE AREA AT UPPER BASEMENT	4305.75	SQ. M
NET AREA UNDER PARKING ON UPPER BASEMENT	50962.67	SQ. M
E.C.S PERMISSIBLE ON UPPER BASEMENT @36 SQM	1487.07	NOS.
BAY	1487	NOS.
E.C.S PROVIDED ON UPPER BASEMENT	1518	NOS.
TOTAL AREA AT LOWER BASEMENT	30984.45	SQ. M
TOTAL SERVICE AREA AT LOWER BASEMENT	3671.65	SQ. M
NET AREA UNDER PARKING AT LOWER BASEMENT	51012.85	SQ. M
E.C.S PERMISSIBLE ON LOWER BASEMENT @36 SQM	1487.07	NOS.
BAY	1487	NOS.
E.C.S PROVIDED ON LOWER BASEMENT	1518	NOS.
TOTAL E.C.S PROVIDED IN BASEMENT	1518	NOS.
BASEMENT AREA (PART(02)(ADDITIONAL PROPOSED)		
	AREA	UNIT
TOTAL AREA AT UPPER BASEMENT	19899.978	SQ. M
TOTAL SERVICE AREA AT UPPER BASEMENT	1245.454	SQ. M
NET AREA UNDER PARKING ON UPPER BASEMENT	13814.372	SQ. M
E.C.S PERMISSIBLE ON UPPER BASEMENT @36 SQM	384.732	NOS.
BAY	385	NOS.
E.C.S PROVIDED ON UPPER BASEMENT	392	NOS.
TOTAL AREA AT LOWER BASEMENT	19899.978	SQ. M
TOTAL SERVICE AREA AT LOWER BASEMENT	1245.454	SQ. M
NET AREA UNDER PARKING AT LOWER BASEMENT	13814.372	SQ. M
E.C.S PERMISSIBLE ON LOWER BASEMENT @36 SQM	384.732	NOS.
BAY	385	NOS.
E.C.S PROVIDED ON LOWER BASEMENT	384	NOS.
TOTAL E.C.S PROVIDED IN BASEMENT	686	NOS.
GRAND TOTAL E.C.S PROVIDED IN BASEMENT	2447	NOS.

NO.	DATE	REVISION

CLIENT:
M/s S.C.C PROPERTIES PVT. LTD. AND OTHERS IN COLLABORATION WITH M/s EMAAR MGF LAND LTD.

PROJECT TITLE
Revised Building Plan of Group Housing Scheme measuring 45.4767 acres (License No. 228 of 2007 dated 27.03.2007, License No. 93 of 2008 dated 12.05.2008 and License No. 50 of 2010 dated 24.06.2010) in Sec.-66, Gurgaon Manesar Urban Complex.

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OWNER SIGNATURE

ARCHITECT SIGNATURE

For Service Estimate only

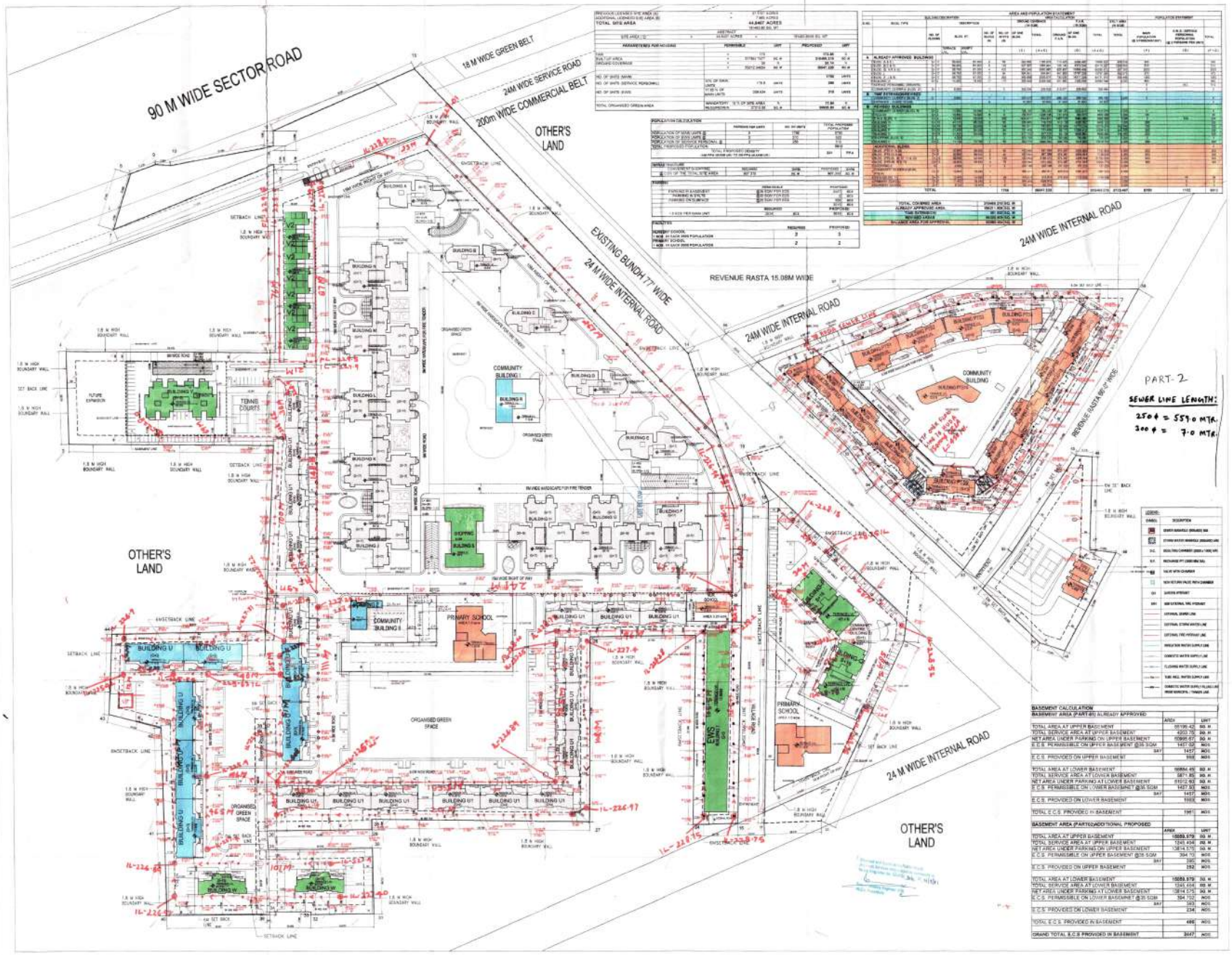
DRAWING TITLE
SUBMISSION DRAWING
REVISED SITE LAYOUT PLAN

SCALE - 1:750

DATE

DRAWING NO.
SB-A-020

SEWERAGE



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KEY PLAN (NOT TO SCALE)

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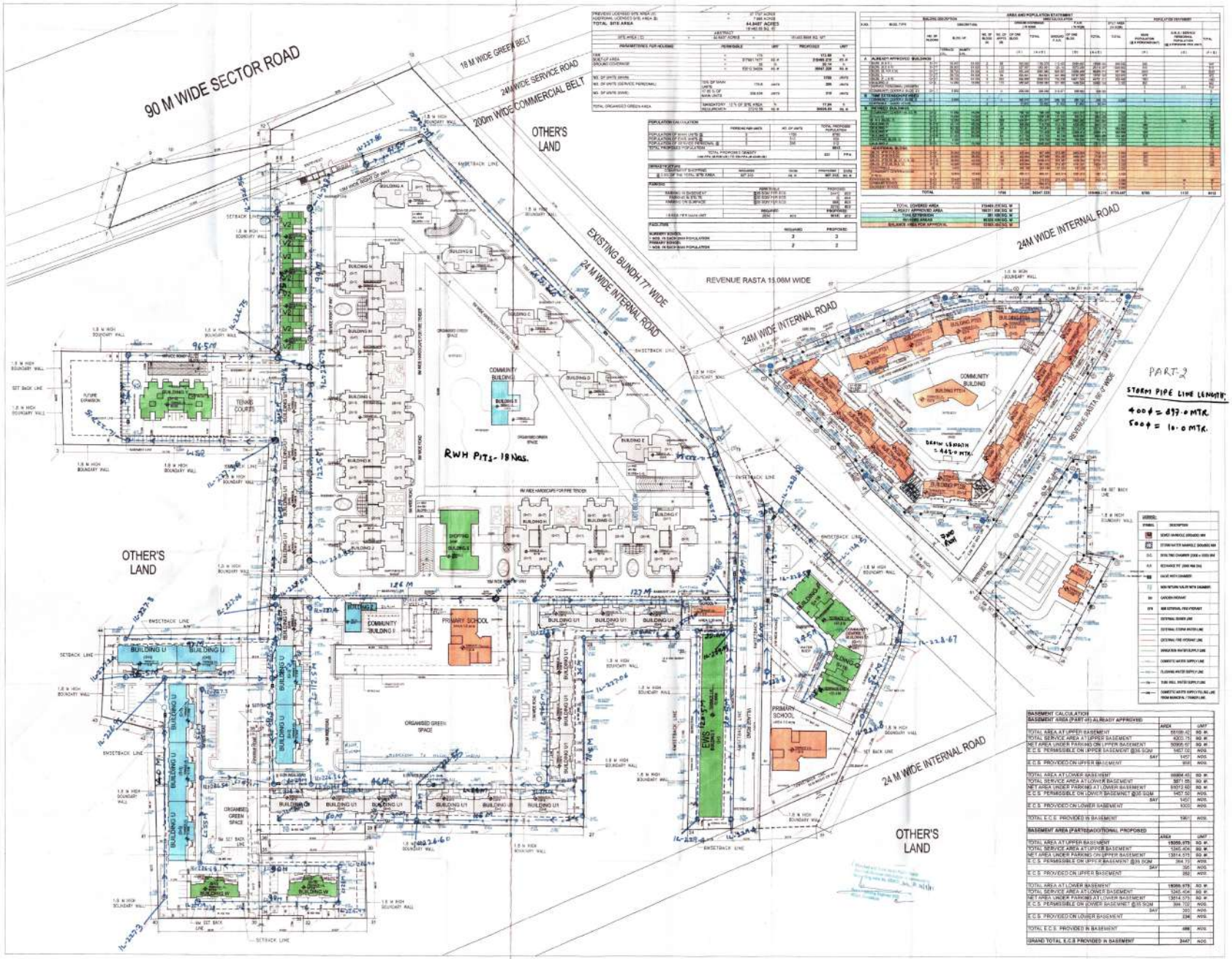
SB-A-020

BALJIT SIDHANA
Architect C.A./2000/27

BASEMENT CALCULATION		
BASEMENT AREA (PART-01) ALREADY APPROVED		
	AREA	UNIT
TOTAL AREA AT UPPER BASEMENT	05199.42	SQ. M
TOTAL SERVICE AREA AT UPPER BASEMENT	4203.75	SQ. M
NET AREA UNDER PARKING ON UPPER BASEMENT	10995.67	SQ. M
E.C.S. PERMISSIBLE ON UPPER BASEMENT @35 SQM	3147	NOS
		1457 NOS
E.C.S. PROVIDED ON UPPER BASEMENT		908 NOS
TOTAL AREA AT LOWER BASEMENT	05864.45	SQ. M
TOTAL SERVICE AREA AT LOWER BASEMENT	3871.80	SQ. M
NET AREA UNDER PARKING AT LOWER BASEMENT	01012.92	SQ. M
E.C.S. PERMISSIBLE ON LOWER BASEMNET @35 SQM	3147	1457 NOS
		1008 NOS
E.C.S. PROVIDED ON LOWER BASEMENT		
TOTAL E.C.S. PROVIDED IN BASEMENT		1961 NOS
BASEMENT AREA (PART02)ADDITIONAL PROPOSED		
	AREA	UNIT
TOTAL AREA AT UPPER BASEMENT	10889.979	SQ. M
TOTAL SERVICE AREA AT UPPER BASEMENT	1345.404	SQ. M
NET AREA UNDER PARKING ON UPPER BASEMENT	13814.575	SQ. M
E.C.S. PERMISSIBLE ON UPPER BASEMENT @35 SQM	394.70	NOS
E.C.S. PROVIDED ON UPPER BASEMENT	3147	392 NOS
TOTAL AREA AT LOWER BASEMENT	10889.979	SQ. M
TOTAL SERVICE AREA AT LOWER BASEMENT	1345.404	SQ. M
NET AREA UNDER PARKING AT LOWER BASEMENT	13814.575	SQ. M
E.C.S. PERMISSIBLE ON LOWER BASEMNET @35 SQM	394.702	NOS
E.C.S. PROVIDED ON LOWER BASEMENT	3147	392 NOS
		234 NOS
TOTAL E.C.S. PROVIDED IN BASEMENT		486 NOS
GRAND TOTAL E.C.S PROVIDED IN BASEMENT		3147 NOS

STORM WATER DRAINAGE



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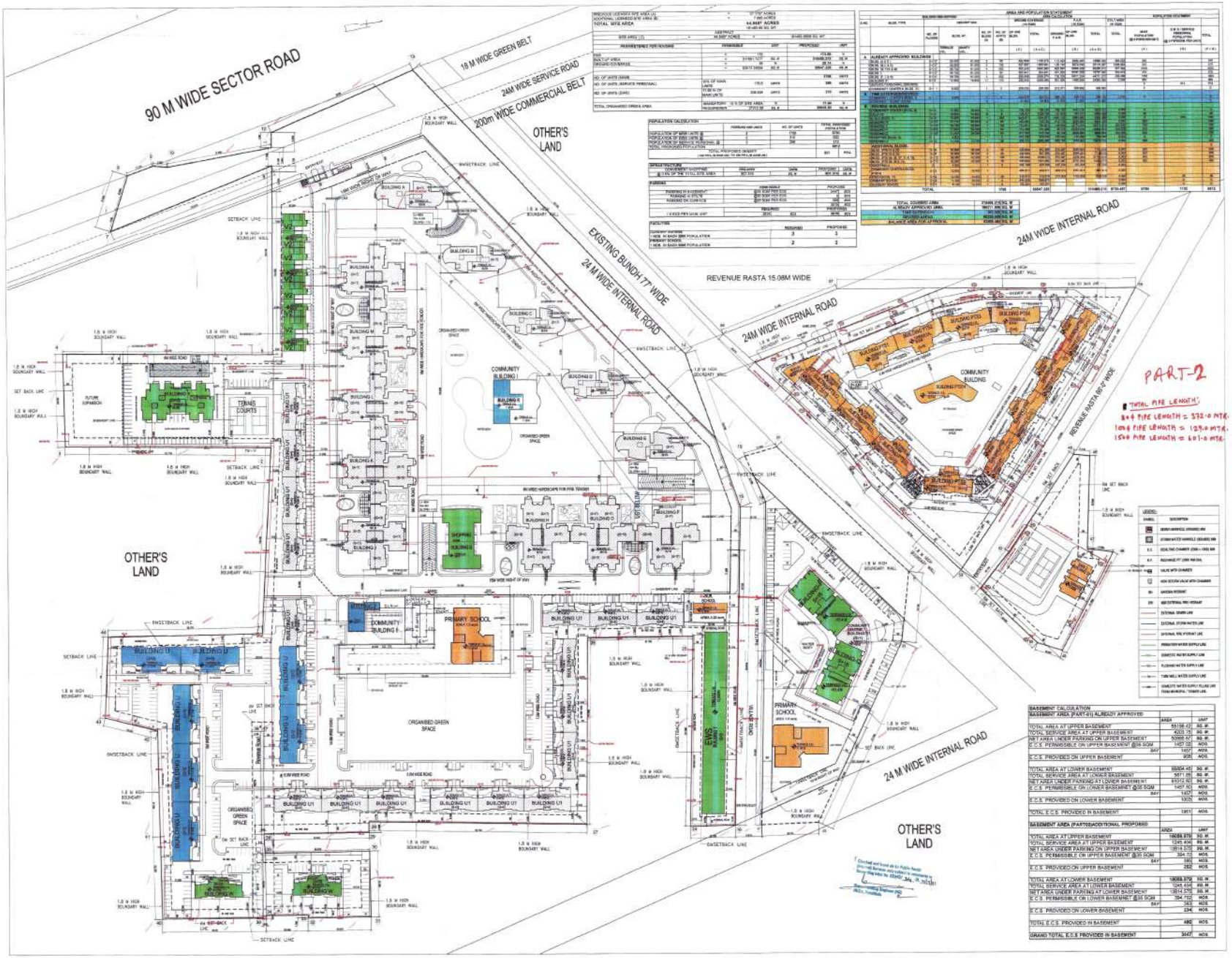
BASEMENT CALCULATION		
BASEMENT AREA (PART-01) ALREADY APPROVED		
	AREA	UNIT
TOTAL AREA AT UPPER BASEMENT	55108.40	SQ. M.
TOTAL SERVICE AREA AT UPPER BASEMENT	4203.75	SQ. M.
NET AREA UNDER PARKING ON UPPER BASEMENT	50904.67	SQ. M.
E.C.S. PERMISSIBLE ON UPPER BASEMENT @35 SQM	1457.00	NOS.
SAY	1457	NOS.
E.C.S. PROVIDED ON UPPER BASEMENT	956	NOS.
TOTAL AREA AT LOWER BASEMENT	55804.45	SQ. M.
TOTAL SERVICE AREA AT LOWER BASEMENT	5871.85	SQ. M.
NET AREA UNDER PARKING AT LOWER BASEMENT	50012.60	SQ. M.
E.C.S. PERMISSIBLE ON LOWER BASEMENT @35 SQM	1457.50	NOS.
SAY	1457	NOS.
E.C.S. PROVIDED ON LOWER BASEMENT	1000	NOS.
TOTAL E.C.S. PROVIDED IN BASEMENT	1961	NOS.
BASEMENT AREA (PART02) ADDITIONAL PROPOSED		
	AREA	UNIT
TOTAL AREA AT UPPER BASEMENT	15355.575	SQ. M.
TOTAL SERVICE AREA AT UPPER BASEMENT	1340.404	SQ. M.
NET AREA UNDER PARKING ON UPPER BASEMENT	13014.575	SQ. M.
E.C.S. PERMISSIBLE ON UPPER BASEMENT @35 SQM	364.70	NOS.
SAY	365	NOS.
E.C.S. PROVIDED ON UPPER BASEMENT	352	NOS.
TOTAL AREA AT LOWER BASEMENT	15355.575	SQ. M.
TOTAL SERVICE AREA AT LOWER BASEMENT	1340.404	SQ. M.
NET AREA UNDER PARKING AT LOWER BASEMENT	13014.575	SQ. M.
E.C.S. PERMISSIBLE ON LOWER BASEMENT @35 SQM	364.700	NOS.
SAY	365	NOS.
E.C.S. PROVIDED ON LOWER BASEMENT	234	NOS.
TOTAL E.C.S. PROVIDED IN BASEMENT	586	NOS.
GRAND TOTAL E.C.S PROVIDED IN BASEMENT	2547	NOS.

FIRE FIGHTING



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Fire Service Estimate only

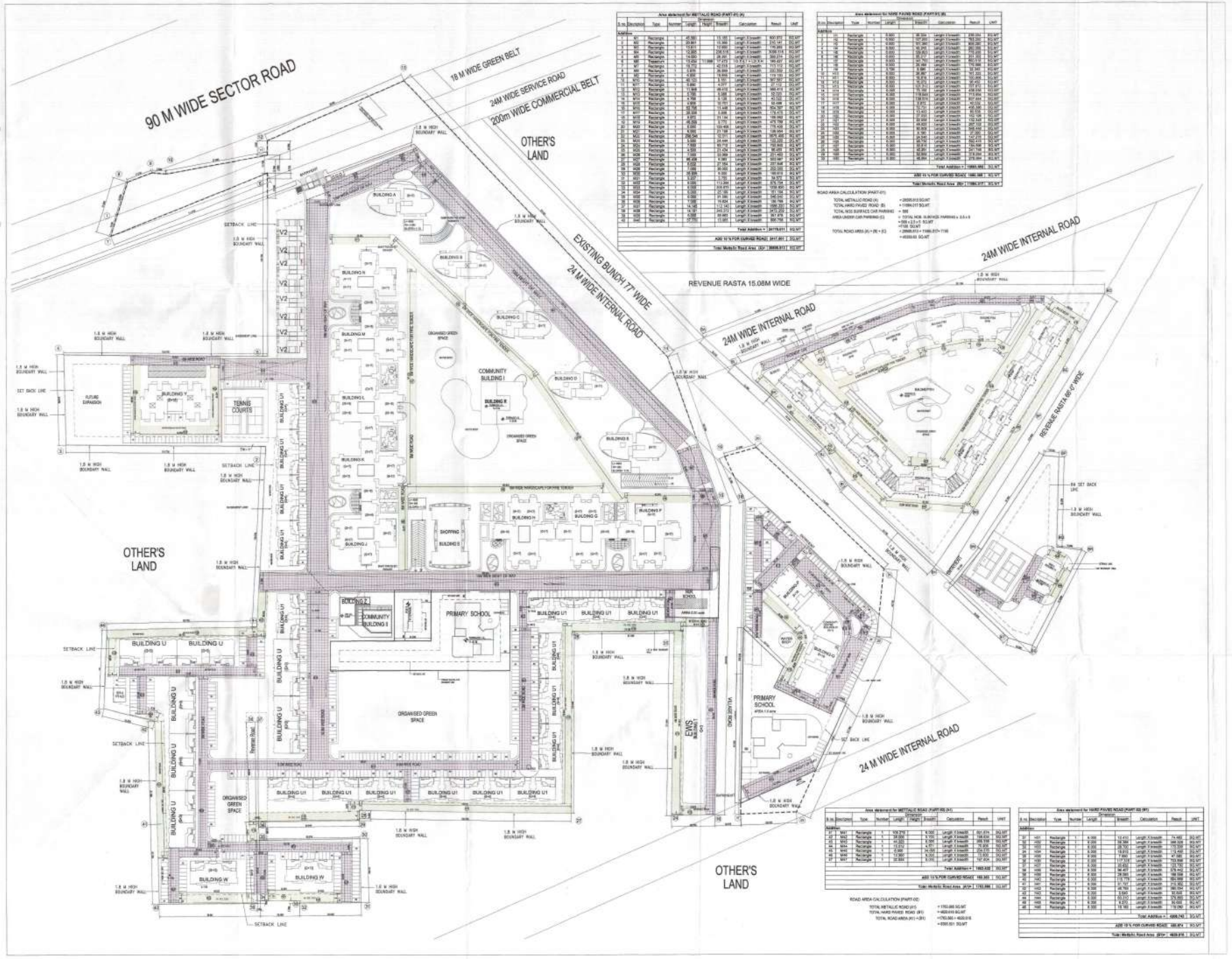
DRAWING TITLE
SUBMISSION DRAWING
REVISED SITE LAYOUT PLAN

SCALE - 1:750 | DATE : -

DRAWING NO.
SB-A-020

N

ROAD WORK



S. no.	Description	Type	Number	Length	Height	Breadth	Calculation	Result	UNIT
Addition									
1	M1	Rectangle	1	45.580		15.150	Length X breadth	690.373	SQ.MT
2	M2	Rectangle	1	20.801		15.350	Length X breadth	319.141	SQ.MT
3	M3	Rectangle	1	10.811		12.000	Length X breadth	129.732	SQ.MT
4	M4	Rectangle	1	12.005		238.518	Length X breadth	2863.518	SQ.MT
5	M5	Rectangle	1	14.000		26.000	Length X breadth	364.000	SQ.MT
6	M6	Trapezium	1	19.232	11.998	17.273	(L1+L2) x (L3 X H)	346.027	SQ.MT
7	M7	Rectangle	1	18.715		42.515	Length X breadth	795.555	SQ.MT
8	M8	Rectangle	1	2.976		26.994	Length X breadth	80.332	SQ.MT
9	M9	Rectangle	1	6.800		19.500	Length X breadth	132.600	SQ.MT
10	M10	Rectangle	1	40.10		8.100	Length X breadth	324.810	SQ.MT
11	M11	Rectangle	1	6.000		4.000	Length X breadth	24.000	SQ.MT
12	M12	Rectangle	1	11.848		49.410	Length X breadth	585.410	SQ.MT
13	M13	Rectangle	1	3.700		5.000	Length X breadth	18.500	SQ.MT
14	M14	Rectangle	1	4.700		6.125	Length X breadth	28.790	SQ.MT
15	M15	Rectangle	1	3.900		16.250	Length X breadth	63.375	SQ.MT
16	M16	Rectangle	1	42.708		13.448	Length X breadth	574.387	SQ.MT
17	M17	Rectangle	1	20.000		5.000	Length X breadth	114.000	SQ.MT
18	M18	Rectangle	1	9.973		11.134	Length X breadth	111.056	SQ.MT
19	M19	Rectangle	1	46.500		3.715	Length X breadth	172.748	SQ.MT
20	M20	Rectangle	1	6.000		123.400	Length X breadth	740.400	SQ.MT
21	M21	Rectangle	1	4.000		23.158	Length X breadth	92.632	SQ.MT
22	M22	Rectangle	1	296.548		12.011	Length X breadth	3562.202	SQ.MT
23	M23	Rectangle	1	5.000		24.448	Length X breadth	122.222	SQ.MT
24	M24	Rectangle	1	7.500		63.112	Length X breadth	473.340	SQ.MT
25	M25	Rectangle	1	4.500		21.434	Length X breadth	96.453	SQ.MT
26	M26	Rectangle	1	7.000		33.069	Length X breadth	231.483	SQ.MT
27	M27	Rectangle	1	46.208		6.364	Length X breadth	293.987	SQ.MT
28	M28	Rectangle	1	5.000		27.564	Length X breadth	137.820	SQ.MT
29	M29	Rectangle	1	7.000		26.000	Length X breadth	182.000	SQ.MT
30	M30	Rectangle	1	38.304		5.000	Length X breadth	191.520	SQ.MT
31	M31	Rectangle	1	3.07		3.700	Length X breadth	11.359	SQ.MT
32	M32	Rectangle	1	6.000		113.248	Length X breadth	679.488	SQ.MT
33	M33	Rectangle	1	6.000		108.810	Length X breadth	652.860	SQ.MT
34	M34	Rectangle	1	5.000		27.180	Length X breadth	135.900	SQ.MT
35	M35	Rectangle	1	6.000		21.300	Length X breadth	127.800	SQ.MT
36	M36	Rectangle	1	7.000		19.824	Length X breadth	138.768	SQ.MT
37	M37	Rectangle	1	14.140		7.000	Length X breadth	98.980	SQ.MT
38	M38	Rectangle	1	6.000		245.121	Length X breadth	1470.727	SQ.MT
39	M39	Rectangle	1	6.500		20.861	Length X breadth	135.577	SQ.MT
40	M40	Rectangle	1	32.715		13.981	Length X breadth	457.379	SQ.MT
							Total Addition =	20178.511	SQ.MT
							ADD 10 % FOR CURVED ROAD	2017.851	SQ.MT
							Total Metallic Road Area (M)=	22196.361	SQ.MT

S. no.	Description	Type	Number	Length	Dimension Height	Breadth	Calculation	Result	UNIT
Addition									
1	H1	Rectangle	1	6.000		66.500	Length X breadth	399.000	SQ.MT
2	H2	Rectangle	1	4.000		137.250	Length X breadth	549.000	SQ.MT
3	H3	Rectangle	1	6.000		110.500	Length X breadth	663.000	SQ.MT
4	H4	Rectangle	1	6.000		40.250	Length X breadth	241.500	SQ.MT
5	H5	Rectangle	1	6.000		162.000	Length X breadth	972.000	SQ.MT
6	H6	Rectangle	1	6.000		37.333	Length X breadth	223.998	SQ.MT
7	H7	Rectangle	1	6.000		141.700	Length X breadth	850.512	SQ.MT
8	H8	Rectangle	1	6.000		26.990	Length X breadth	161.940	SQ.MT
9	H9	Rectangle	1	5.730		6.000	Length X breadth	34.380	SQ.MT
10	H10	Rectangle	1	6.000		26.900	Length X breadth	161.400	SQ.MT
11	H11	Rectangle	1	6.000		18.816	Length X breadth	112.896	SQ.MT
12	H12	Rectangle	1	6.000		4.000	Length X breadth	24.000	SQ.MT
13	H13	Rectangle	1	6.000		21.110	Length X breadth	126.660	SQ.MT
14	H14	Rectangle	1	6.000		73.300	Length X breadth	439.800	SQ.MT
15	H15	Rectangle	1	6.000		119.600	Length X breadth	717.600	SQ.MT
16	H16	Rectangle	1	6.000		152.574	Length X breadth	915.444	SQ.MT
17	H17	Rectangle	1	6.000		7.700	Length X breadth	46.200	SQ.MT
18	H18	Rectangle	1	6.000		67.701	Length X breadth	406.206	SQ.MT
19	H19	Rectangle	1	6.000		14.000	Length X breadth	84.000	SQ.MT
20	H20	Rectangle	1	6.000		27.000	Length X breadth	162.000	SQ.MT
21	H21	Rectangle	1	6.000		49.000	Length X breadth	294.000	SQ.MT
22	H22	Rectangle	1	6.000		49.000	Length X breadth	294.000	SQ.MT
23	H23	Rectangle	1	6.000		90.500	Length X breadth	543.000	SQ.MT
24	H24	Rectangle	1	6.000		8.500	Length X breadth	51.000	SQ.MT
25	H25	Rectangle	1	6.000		24.500	Length X breadth	147.000	SQ.MT
26	H26	Rectangle	1	6.000		68.750	Length X breadth	412.500	SQ.MT
27	H27	Rectangle	1	6.000		30.810	Length X breadth	184.860	SQ.MT
28	H28	Rectangle	1	6.000		40.900	Length X breadth	245.700	SQ.MT
29	H29	Rectangle	1	6.000		52.864	Length X breadth	316.984	SQ.MT
30	H30	Rectangle	1	6.000		45.800	Length X breadth	274.800	SQ.MT
							Total Addition =	10993.980	SQ.MT
							ADD 10 % FOR CURVED ROAD	1099.398	SQ.MT
							Total Metallic Road Area (H)=	12093.378	SQ.MT

ROAD AREA CALCULATION (PART-01)

TOTAL METALLIC ROAD (A) = 20196.513 SQ.MT
TOTAL HARD PAVED ROAD (B) = 11094.017 SQ.MT
TOTAL NOS SURFACE CAR PARKING = 500
AREA UNDER CAR PARKING (C) = TOTAL NOS. IN NOS. PARKING x 2.5 x 5
= 500 x 2.5 x 5 SQ.MT
=7125 SQ.MT
TOTAL ROAD AREA (A) + (B) + (C) = 20196.513 + 11094.017+ 7125
= 38395.53 SQ.MT

S. no.	Description	Type	Number	Length	Dimension Height	Breadth	Calculation	Result	UNIT
Addition									
1	M41	Rectangle	1	109.210		8.000	Length X breadth	873.674	SQ.MT
2	M42	Rectangle	1	38.000		9.700	Length X breadth	368.600	SQ.MT
3	M43	Rectangle	1	44.000		8.000	Length X breadth	352.000	SQ.MT
4	M44	Rectangle	1	12.012		4.851	Length X breadth	58.268	SQ.MT
5	M45	Rectangle	1	6.000		34.000	Length X breadth	204.000	SQ.MT
6	M46	Rectangle	1	12.000		9.200	Length X breadth	110.400	SQ.MT
7	M47	Rectangle	1	32.000		5.000	Length X breadth	160.000	SQ.MT
							Total Addition =	1623.942	SQ.MT
							ADD 10 % FOR CURVED ROAD	162.393	SQ.MT
							Total Metallic Road Area (M)=	1786.336	SQ.MT

S. no.	Description	Type	Number	Length	Dimension Height	Breadth	Calculation	Result	UNIT
Addition									
31	H31	Rectangle	1	6.000		12.410	Length X breadth	74.460	SQ.MT
32	H32	Rectangle	1	6.000		58.364	Length X breadth	350.328	SQ.MT
33	H33	Rectangle	1	6.000		28.700	Length X breadth	172.200	SQ.MT
34	H34	Rectangle	1	6.000		19.812	Length X breadth	118.872	SQ.MT
35	H35	Rectangle	1	6.000		7.950	Length X breadth	47.700	SQ.MT
36	H36	Rectangle	1	6.000		117.318	Length X breadth	703.908	SQ.MT
37	H37	Rectangle	1	6.000		22.600	Length X breadth	135.600	SQ.MT
38	H38	Rectangle	1	6.000		96.407	Length X breadth	578.442	SQ.MT
39	H39	Rectangle	1	6.000		28.090	Length X breadth	168.540	SQ.MT
40	H40	Rectangle	1	6.000		112.175	Length X breadth	673.050	SQ.MT
41	H41	Rectangle	1	6.000		37.167	Length X breadth	223.002	SQ.MT
42	H42	Rectangle	1	6.000		46.768	Length X breadth	280.608	SQ.MT
43	H43	Rectangle	1	6.000		5.600	Length X breadth	33.600	SQ.MT
44	H44	Rectangle	1	6.000		63.000	Length X breadth	378.000	SQ.MT
45	H45	Rectangle	1	6.000		8.270	Length X breadth	49.620	SQ.MT
46	H46	Rectangle	1	6.000		18.160	Length X breadth	108.960	SQ.MT
							Total Addition =	4809.743	SQ.MT
							ADD 10 % FOR CURVED ROAD	480.974	SQ.MT
							Total Metallic Road Area (H)=	4809.970	SQ.MT

ROAD AREA CALCULATION (PART-02)

TOTAL METALLIC ROAD (M) = 1786.336 SQ.MT
TOTAL HARD PAVED ROAD (H) = 4809.970 SQ.MT
TOTAL ROAD AREA (M) + (H) = 1786.336 + 4809.970
= 6595.51 SQ.MT

GENERAL NOTES
ALL DIMENSIONS ARE IN METER.

LEGEND:

METALLIC ROAD

HARD PAVED ROAD

PART-01

PART-02

KEY PLAN (NOT TO SCALE)

NO	DATE	REVISION

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RAJIV KHANNA
Architect CA/90/1727

DRAWING TITLE

SITE PLAN
ROAD LAYOUT PLAN

SCALE - 1:750

DATE: -

DRAWING NO.

SB-A-020A