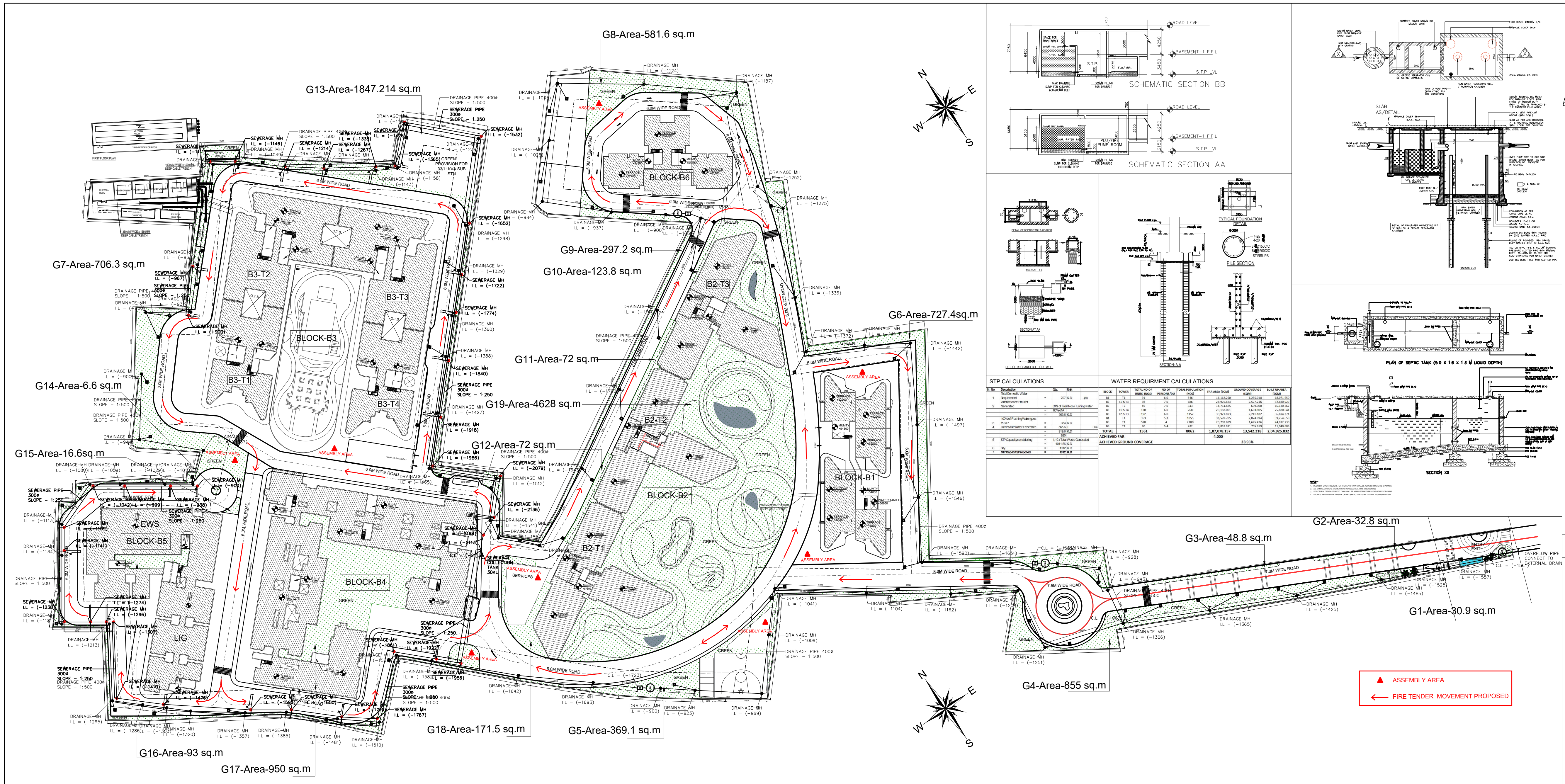

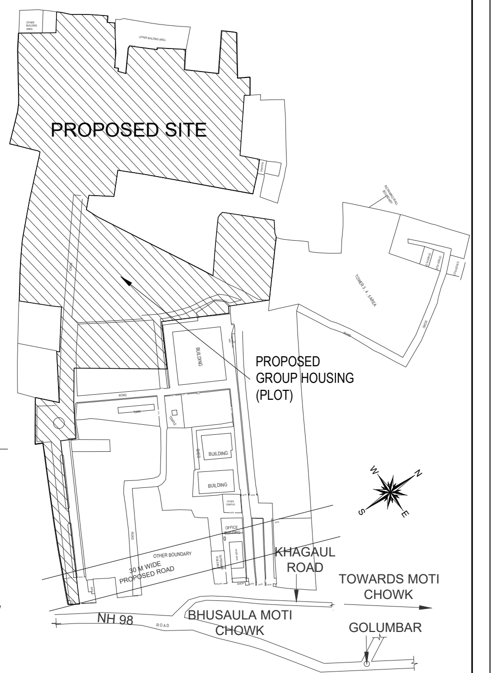

SITE AREA STATEMENT

PLOT DATA STATEMENT

PLOT AREA (SQM)		**46,773.350**	**SQM**
PERMISSIBLE FAR	**3.5**	**1,63,706.725**	**SQM**
PERMISSIBLE GROUND COVERAGE	**40%**	**18,709.340**	**SQM**

BLOCK	TOWER	TOTAL NO OF UNITS (NOS)	FAR AREA (SQM)	GROUND COVERAGE (SQM)	BUILT UP AREA (SQM)
B1	T1	91	16,162.290	1,255.018	18,071.650
B2	T1 & T3	98	28,976.823	2,527.216	32,880.929
B2	T2	49	14,714.485	639.008	16,130.267
B3	T1 & T4	128	23,158.001	1,603.805	25,880.641
B3	T2 & T3	192	33,921.893	2,241.182	36,694.271
B4	T1	353	36,578.785	2,874.894	39,254.658
B5	T1	570	23,707.889	1,695.476	24,972.730
B6	T1	80	9,857.991	705.619	11,040.686
TOTAL		**1561**	**1,87,078.157**	**13,542.218**	**2,04,925.832**
ACHIEVED FAR			**4.000**		
ACHIEVED GROUND COVERAGE				**28.95%**	

GREEN AREA CALCULATIONS

GREEN AREA CALCULATIONS

PLOT 2 AREA (SQM)		**46,773.350**	**SQM**
REQUIRED GREEN AREA	**15%**	**7,016.003**	**SQM**
ACHIEVED TOTAL GREEN AREA	**25%**	**11,629.814**	**SQM**
ZONE		**AREA OF GREEN**	
G1		30.9	SQM
G2		32.8	SQM
G3		48.8	SQM
G4		855	SQM
G5		369.1	SQM
G6		727.4	SQM
G7		706.3	SQM
G8		581.6	SQM
G9		297.2	SQM
G10		123.8	SQM
G11		72	SQM
G12		72	SQM
G13		1847.214	SQM
G14		6.6	SQM
G15		16.6	SQM
G16		93	SQM
G17		950	SQM
G18		171.5	SQM
G19		4628	SQM
TOTAL GREEN AREA		**11629.814**	**SQM**

BLOCK-B1 - AREA STATEMENT

B1

AREA STATEMENT		1ST -8TH	9TH	10-11TH	12-13TH	14-15TH
TYPICAL FLOOR AREA		820.180	679.158	543.792	407.833	271.868
TOTAL BALCONY AREA		203.067	168.723	134.335	101.534	68.731
TOTAL FLOOR CIRCULATION AREA		129.659	129.659	129.659	129.659	129.659
TOTAL FAR	A+(B/2)+C	1051.373	893.179	740.619	588.259	435.893
NON FAR AREA IN BALCONY	B/2	101.534	84.362	67.168	50.767	34.366
NON FAR AREA IN CIRCULATION	D	18.136	18.136	18.136	18.136	18.136
TOTAL NON FAR AREA	B/2 + D	119.670	102.498	85.304	68.903	52.502

FAR AND BUA AREA CALCULATIONS

AREA	TOTAL TOWER /TYPE	TOTAL UNIT FAR (SQM) / FLOOR	TOTAL BALCONY (SQM) / FLOOR	TOTAL FAR (SQM) / FLOOR	TOTAL NON-FAR AREA (SQM) / FLOOR	TOTAL BUILT UP AREA	TOTAL NO OF UNITS / FLOOR	TOTAL NO OF FLOORS	TOTAL NO OF UNITS	TOTAL FAR AREA (SQM)	TOTAL BUA (SQM)
	N	A	B	D=A+B/2	E	F=D+E	G	H	I=G X H x N	J=E X H X N	K=G X I X N
TYPICAL FLOOR (1ST TO 13TH)	1	820.180	203.067	921.714	101.534	1,023.247	6	13	78	11982.276	13302.211
TOTAL CIRCULATION (1ST TO 13TH)	1	129.659	-	129.659	18.136	147.795		13		1685.567	1921.335
TYPICAL FLOOR 14TH FLOOR	1	679.158	168.723	763.520	84.362	847.881	5	1	5	763.520	847.881
TOTAL CIRCULATION 14TH FLOOR	1	129.659	-	129.659	18.136	147.795		1		129.659	147.795
TYPICAL FLOOR (15 TO 16TH)	1	543.792	134.335	610.960	67.168	678.127	4	2	8	1221.919	1356.254
TOTAL CIRCULATION (15 TO 16TH)	1	129.659	-	129.659	18.136	147.795		2		259.318	295.590
STILT LEVEL	1	120.032	0	120.032		120.032		1		120.032	120.032
MUMTY FLOOR	1					80.552		1		0	80.552
TOTAL AREA STATEMENT									**91**	**16,162.290**	**18,071.650**

GROUND COVERAGE CALCULATIONS

AREA	NO OF TOWER	TOWER COVERED FAR (SQM)	TOWER COVERED NON FAR (SQM)	TOWER COVERED AREA (SQM)	TOTAL FOR ALL BLOCKS	TOTAL COVERED (SQM)
STILT (FAR AREAS) T1 & T4	1	120.032	1134.986	1255.018	1255.018	1255.018
TOTAL GROUND COVERAGE						**1255.018**

BLOCK-B2 - AREA STATEMENT

B2

AREA STATEMENT		T1 & T3			PH1	PH2
TYPICAL FLOOR AREA		631.804	SQM		425.026	298.433
TOTAL BALCONY AREA		183.659	SQM		110.001	83.665
TOTAL FLOOR CIRCULATION AREA		86.359	SQM		87.486	87.138
TOTAL FAR	A+(B/2)+C	809.9925	SQM		567.513	427.404
NON FAR AREA IN BALCONY	B/2	91.8295	SQM		55.001	41.833
NON FAR AREA IN CIRCULATION	D	18.425	SQM		18.425	18.425
TOTAL NON FAR AREA	B/2 + D	110.2545	SQM		73.426	60.258

FAR AND BUA AREA CALCULATIONS

AREA	TOTAL TOWER /TYPE	TOTAL UNIT FAR (SQM) / FLOOR	TOTAL BALCONY (SQM) / FLOOR	TOTAL FAR (SQM) / FLOOR	TOTAL NON-FAR AREA (SQM) / FLOOR	TOTAL BUILT UP AREA	TOTAL NO OF UNITS / FLOOR	TOTAL NO OF FLOORS	TOTAL NO OF UNITS	TOTAL FAR AREA (SQM)	TOTAL BUA (SQM)
	N	A	B	D=A+B/2	E	F=D+E	G	H	I=G X H x N	J=E X H X N	K=G X I X N
T1 AND T3	2	631.804	183.659	723.634	91.830	815.463	3	15	90	21709.005	24463.89
TOTAL CIRCULATION	2	86.359	0	86.359	18.425	104.784		15		2590.77	3143.52
LOWER PENTHOUSE	2	425.026	110.001	480.027	55.001	535.027	2	1	4	960.053	1070.054
LOWER PENTHOUSE CIRCULATION	2	87.486	0	87.486	18.425	105.911		1		174.972	211.822
UPPER PENTHOUSE	2	298.433	83.665	340.2655	87.138	427.4035	2	1	4	680.531	854.807
UPPER PENTHOUSE CIRCULATION	2	87.138	0	87.138	18.425	105.563		1		174.276	211.126
Podium level (Club House)	2	711.804		711.804	18.425	730.229		1		1423.608	1460.458
STILT LEVEL (Club House)	2	631.804	0	631.804	18.425	650.229		1		1263.608	1300.458
MUMTY FLOOR	2					82.397		1		0	164.794
TOTAL AREA STATEMENT									**98**	**28,976.823**	**32,880.929**

AREA STATEMENT		T2			PH1	PH2
TYPICAL FLOOR AREA		639.008	SQM		430.801	308.295
TOTAL BALCONY AREA		152.628	SQM		79.087	101.192
TOTAL FLOOR CIRCULATION AREA		105.753	SQM		105.753	105.355
TOTAL FAR	A+(B/2)+C	821.075	SQM		576.098	464.246
NON FAR AREA IN BALCONY	B/2	54.096	SQM		39.544	50.596
NON FAR AREA IN CIRCULATION	D	18.425	SQM		18.425	18.425
TOTAL NON FAR AREA	B/2 + D	72.521	SQM		57.9685	69.021

FAR AND BUA AREA CALCULATIONS

AREA	TOTAL TOWER /TYPE	TOTAL UNIT FAR (SQM) / FLOOR	TOTAL BALCONY (SQM) / FLOOR	TOTAL FAR (SQM) / FLOOR	TOTAL NON-FAR AREA (SQM) / FLOOR	TOTAL BUILT UP AREA	TOTAL NO OF UNITS / FLOOR	TOTAL NO OF FLOORS	TOTAL NO OF UNITS	TOTAL FAR AREA (SQM)	TOTAL BUA (SQM)
	N	A	B	D=A+B/2	E	F=D+E	G	H	I=G X H x N	J=E X H	K=G X I
T2	1	639.008	152.628	715.322	54.096	769.418	3	15	45	10729.83	11541.27
TOTAL CIRCULATION	1	105.753	0	105.753	18.425	124.178		15		1586.295	1862.67
LOWER PENTHOUSE	1	430.801	79.087	470.3445	39.5435	509.888	2	1	2	470.3445	509.888
LOWER PENTHOUSE CIRCULATION	1	105.753	0	105.753	18.425	124.178		1		105.753	124.178
UPPER PENTHOUSE	1	308.295	101.192	358.891	105.355	464.246	2	1	2	358.891	464.246
UPPER PENTHOUSE CIRCULATION	1	105.355	0	105.355	18.425	123.78		1		105.355	123.78
Podium level (Club House)	1	719.008		719.008	18.425	737.433		1		719.008	737.433
STILT LEVEL (Club House)	1	639.008	0	639.008	18.425	657.433		1		639.008	657.433
MUMTY FLOOR	1					109.369		1		0	109.369
TOTAL AREA STATEMENT									**49**	**14,714.485**	**16,130.267**

GROUND COVERAGE CALCULATIONS

AREA	NO OF TOWER	TOWER COVERED FAR (SQM)	TOWER COVERED NON FAR (SQM)	TOWER COVERED AREA (SQM)	TOTAL FOR ALL BLOCKS	TOTAL COVERED (SQM)
STILT (FAR AREAS) T1 & T3	2	631.804		631.804	1263.608	2527.216
STILT (FAR AREAS) T2	1	639.008		639.008	639.008	639.008
PODIUM	1				7294.233	7294.233
TOTAL GROUND COVERAGE						**10460.457**

BLOCK-B3 - AREA STATEMENT

B3

AREA STATEMENT		T1 & T4			PH1	PH2
TYPICAL FLOOR AREA		560.282	SQM		560.282	355.757
TOTAL BALCONY AREA		112.636	SQM		112.636	111.32
TOTAL FLOOR CIRCULATION AREA		54.096	SQM		54.096	62.814
TOTAL FAR	A+(B/2)+C	670.696	SQM		670.696	474.231
NON FAR AREA IN BALCONY	B/2	56.318	SQM		56.318	55.66
NON FAR AREA IN CIRCULATION	D	18.795	SQM		18.795	18.795
TOTAL NON FAR AREA	B/2 + D	75.113	SQM		75.113	74.455

FAR AND BUA AREA CALCULATIONS

AREA	TOTAL TOWER /TYPE	TOTAL UNIT FAR (SQM) / FLOOR	TOTAL BALCONY (SQM) / FLOOR	TOTAL FAR (SQM) / FLOOR	TOTAL NON-FAR AREA (SQM) / FLOOR	TOTAL BUILT UP AREA	TOTAL NO OF UNITS / FLOOR	TOTAL NO OF FLOORS	TOTAL NO OF UNITS	TOTAL FAR AREA (SQM)	TOTAL BUA (SQM)
	N	A	B	D=A+B/2	E	F=D+E	G	H	I=G X H x N	J=E X H X N	K=G X I X N
T1 AND T4	2	560.282	112.636	616.6	56.318	672.918	4	15	120	18498	20187.54
TOTAL CIRCULATION	2	54.096	0	54.096	18.795	72.891		15		1622.88	2186.73
LOWER PENTHOUSE	2	560.282	112.636	616.6	56.318	672.918	4	1	8	1233.2	1345.836
LOWER PENTHOUSE CIRCULATION	2	54.096	0	54.096	18.795	72.891		1		108.192	145.782
UPPER PENTHOUSE	2	355.757	111.32	411.417	62.814	474.231	4	1		822.834	948.462
UPPER PENTHOUSE CIRCULATION	2	62.814	0	62.814	18.795	81.609		1		125.628	163.218
STILT LEVEL (CLUB HOUSE)	1	747.267	0	747.267		747.267		1		747.267	747.267
MUMTY FLOOR	2					77.903		1		0	155.806
TOTAL AREA STATEMENT									**128**	**23,158.001**	**25,880.641**

AREA STATEMENT		T2 & T3			PH1	PH2
TYPICAL FLOOR AREA		805.841	SQM		805.841	538.096
TOTAL BALCONY AREA		148.002	SQM		148.002	164.614
TOTAL FLOOR CIRCULATION AREA		113.108	SQM		113.108	88.456
TOTAL FAR	A+(B/2)+C	992.95	SQM		992.95	708.859
NON FAR AREA IN BALCONY	B/2	54.096	SQM		74.001	82.307
NON FAR AREA IN CIRCULATION	D	17.819	SQM		17.819	17.819
TOTAL NON FAR AREA	B/2 + D	71.915	SQM		91.82	100.126

FAR AND BUA AREA CALCULATIONS

AREA	TOTAL TOWER /TYPE	TOTAL UNIT FAR (SQM) / FLOOR	TOTAL BALCONY (SQM) / FLOOR	TOTAL FAR (SQM) / FLOOR	TOTAL NON-FAR AREA (SQM) / FLOOR	TOTAL BUILT UP AREA	TOTAL NO OF UNITS / FLOOR	TOTAL NO OF FLOORS	TOTAL NO OF UNITS	TOTAL FAR AREA (SQM)	TOTAL BUA (SQM)
	N	A	B	D=A+B/2	E	F=D+E	G	H	I=G X H x N	J=E X H	K=G X I
T2 AND T3	2	805.841	148.002	879.842	54.096	933.938	6	15	180	26395.26	28018.14
TOTAL CIRCULATION	2	113.108	0	113.108	17.819	130.927		15		3393.24	3927.81
LOWER PENTHOUSE	2	805.841	148.002	879.842	74.001	953.843	6	1	12	1759.684	1907.686
LOWER PENTHOUSE CIRCULATION	2	113.108	0	113.108	17.819	130.927		1		226.216	261.854
UPPER PENTHOUSE	2	538.096	164.614	620.403	88.456	708.859	6	1		1240.806	1417.718
UPPER PENTHOUSE CIRCULATION	2	88.456	0	88.456	17.819	106.275		1		176.912	212.55
STILT LEVEL (CLUB HOUSE)	1	729.775	0	729.775		729.775		1		729.775	729.775
MUMTY FLOOR	2					109.369		1		0	218.738
TOTAL AREA STATEMENT									**192**	**33,921.893**	**36,694.271**

GROUND COVERAGE CALCULATIONS

AREA	NO OF TOWER	TOWER COVERED FAR (SQM)	TOWER COVERED NON FAR (SQM)	TOWER COVERED AREA (SQM)	TOTAL FOR ALL BLOCKS	TOTAL COVERED (SQM)
STILT (FAR AREAS) T1 & T4	1	747.267	856.538	1603.805	1603.805	1603.805
STILT (FAR AREAS) T2 & T3	1	747.267	1493.915	2241.182	2241.182	2241.182
TOTAL GROUND COVERAGE						**3844.987**

BLOCK-B4- AREA STATEMENT

B4

AREA STATEMENT		B4	
TYPICAL FLOOR AREA		1901.878	SQM
TOTAL BALCONY AREA		204.542	SQM
TOTAL FLOOR CIRCULATION AREA		424.639	SQM
TOTAL FAR	A+(B/2)+C	2428.788	SQM
NON FAR AREA IN BALCONY	B/2	102.271	SQM
NON FAR AREA IN CIRCULATION	D	70.927	SQM
TOTAL NON FAR AREA	B/2 + D	173.198	SQM

FAR AND BUA AREA CALCULATIONS

AREA	TOTAL TOWER /TYPE	TOTAL UNIT FAR (SQM) / FLOOR	TOTAL BALCONY (SQM) / FLOOR	TOTAL FAR (SQM) / FLOOR	TOTAL NON-FAR AREA (SQM) / FLOOR	TOTAL BUILT UP AREA	TOTAL NO OF UNITS / FLOOR	TOTAL NO OF FLOORS	TOTAL NO OF UNITS	TOTAL FAR AREA (SQM)	TOTAL BUA (SQM)
	N	A	B	D=A+B/2	E	F=D+E	G	H	I=G X H x N	J=E X H X N	K=G X I X N
TYPICAL FLOOR AREA	1	1901.878	204.542	2004.149	102.271	2106.42	24	14	336	28058.086	29489.88
TOTAL CIRCULATION	1	424.639	0	424.639	70.927	495.566		14		5944.946	6937.924
PODIUM LEVEL UNITS	1	1393.772	154.544	1471.044	173.198	1644.242		1	17	1471.044	1644.242
PODIUM LEVEL (club level)	1	508.106	0.000	508.106		508.106		1	0	508.106	508.106
PODIUM LEVEL CIRCULATION	1	424.639	0	424.639	0	424.639		1		424.639	424.639
STILT LEVEL	1	171.964	0	171.964		171.964		1		171.964	171.964
MUMTY FLOOR	1					77.903		1		0	77.903
TOTAL AREA STATEMENT									**353**	**36,578.785**	**39,254.658**

GROUND COVERAGE CALCULATIONS

AREA	NO OF TOWER	TOWER COVERED FAR (SQM)	TOWER COVERED NON FAR (SQM)	TOWER COVERED AREA (SQM)	TOTAL FOR ALL BLOCKS	TOTAL COVERED (SQM)
STILT (FAR AREAS)	1	171.964	2702.93	2874.894	2874.894	2874.894
TOTAL GROUND COVERAGE						**2874.894**

BLOCK-B5 - AREA STATEMENT

B5

AREA STATEMENT		B5		
TYPICAL FLOOR AREA		1240.445	SQM	(A)
TOTAL BALCONY AREA		106.534	SQM	(B)
TOTAL FLOOR CIRCULATION AREA		276.291	SQM	(C)
TOTAL FAR	A+(B/2)+C	1570.003	SQM	
NON FAR AREA IN BALCONY	B/2	53.267	SQM	
NON FAR AREA IN CIRCULATION	D	24.245	SQM	
TOTAL NON FAR AREA	B/2 + D	77.512	SQM	

FAR AND BUA AREA CALCULATIONS

AREA	DWELLING UNIT /FLOOR	TOTAL UNIT FAR (SQM) / FLOOR	TOTAL BALCONY (SQM) / FLOOR	TOTAL FAR (SQM) / FLOOR	TOTAL NON-FAR AREA (SQM) / FLOOR	TOTAL BUILT UP AREA	TOTAL NO OF UNITS / FLOOR	TOTAL NO OF FLOORS	TOTAL NO OF UNITS	TOTAL FAR AREA (SQM)	TOTAL BUA (SQM)
		A	B	D=A+B/2	E	F=D+E	G	H	I=G X H	J=E X H	K=G X I
EWS	24	1240.445	106.534	1293.712	53.267	1346.979	24	15	360	19405.68	20204.685
LIG	14						14		210		
TOTAL CIRCULATION	1	276.291	0	276.291	24.245	300.536		15		4144.365	4508.040
STILT LEVEL	1	157.844	0	157.844		157.844		1		157.844	157.844
MUMTY FLOOR	1					102.161		1		0	102.161
TOTAL AREA STATEMENT									**570**	**23,707.889**	**24,972.730**

GROUND COVERAGE CALCULATIONS

AREA	NO OF TOWER	TOWER COVERED FAR (SQM)	TOWER COVERED NON FAR (SQM)	TOWER COVERED AREA (SQM)	TOTAL FOR ALL BLOCKS	TOTAL COVERED (SQM)
STILT (FAR AREAS)	1	157.844	1537.632	1695.476	1695.476	1695.476
TOTAL GROUND COVERAGE						**1695.476**

BLOCK-B6 - AREA STATEMENT

B6

AREA STATEMENT		B6	
TYPICAL FLOOR AREA		493.218	SQM
TOTAL BALCONY AREA		110.665	SQM
TOTAL FLOOR CIRCULATION AREA		60.655	SQM
TOTAL FAR	A+(B/2)+C	609.206	SQM
NON FAR AREA IN BALCONY	B/2	55.333	SQM
NON FAR AREA IN CIRCULATION	D	13.717	SQM
TOTAL NON FAR AREA	B/2 + D	69.050	SQM

FAR AND BUA AREA CALCULATIONS

AREA	TOTAL TOWER /TYPE	6	TOTAL BALCONY (SQM) / FLOOR	TOTAL FAR (SQM) / FLOOR	TOTAL NON-FAR AREA (SQM) / FLOOR	TOTAL BUILT UP AREA	TOTAL NO OF UNITS / FLOOR	TOTAL NO OF FLOORS	TOTAL NO OF UNITS	TOTAL FAR AREA (SQM)	TOTAL BUA (SQM)
	N	A	B	D=A+B/2	E	F=D+E	G	H	I=G X H x N	J=E X H X N	K=G X I X N
TYPICAL FLOOR AREA	1	493.218	110.665	548.5505	55.3325	603.883	5	16	80	8776.808	9662.128
TOTAL CIRCULATION	1	60.655	0	60.655	13.717	74.372		16		970.48	1189.952
STILT LEVEL	1	110.703	0	110.703		110.703		1		110.703	110.703
MUMTY FLOOR	1					77.903		1		0	77.903
TOTAL AREA STATEMENT									**80**	**9,857.991**	**11,040.686**

GROUND COVERAGE CALCULATIONS

AREA	NO OF TOWER	TOWER COVERED FAR (SQM)	TOWER COVERED NON FAR (SQM)	TOWER COVERED AREA (SQM)	TOTAL FOR ALL BLOCKS	TOTAL COVERED (SQM)
STILT (FAR AREAS) T1 & T4	1	110.703	594.916	705.619	705.619	705.619
TOTAL GROUND COVERAGE						**705.619**

EWS REQUIREMENT

PLOT DATA STATEMENT

PLOT AREA (SQM)		**46,773.350**	**SQM**
PERMISSIBLE FAR	**3.5**	**1,63,706.725**	**SQM**
PERMISSIBLE GROUND COVERAGE	**40%**	**18,709.340**	**SQM**

EWS AND LIG CALCULATIONS

AREA MAX ALLOWED FOR EWS (7.5% OF ACHIEVED FAR AREA)	**7.50%**	**12,278.004**	**SQM**
AREA MAX ALLOWED FOR EWS (7.5% OF ACHIEVED FAR AREA)	**7.50%**	**12,278.004**	**SQM**
TOTAL AREA FOR EWS AND LIG	**15%**	**24,556.009**	**SQM**

SITE AREA CALCULATION	
PLOT AREA (SQ.M.)	**46773.35**
TOTAL EWS AREA REQUIRED (SQ.M.)	**24556.01**
TOTAL EWS BUILT UP AREA ACHIEVED IN THIS LAND (SQM)	24972.73
TOTAL F.A.R. AREA (SQM)	23707.89
TOTAL GROUND COVERAGE ACHIEVED (23.59%)	1695.48
TOTAL NO. OF UNITS	570.00

OCCUPANT LOAD

BLOCK	TOWER	TOTAL NO OF UNITS (NOS)	NO OF PERSONS/DU	TOTAL POPULATION (NOS)
B1	T1	91	6.0	546
B2	T1 & T3	98	7.0	686
B2	T2	49	7.0	343
B3	T1 & T4	128	6.0	768
B3	T2 & T3	192	6.0	1152
B4	T1	353	5.3	1855
B5	T1	570	4.0	2280
B6	T1	80	5.4	432
TOTAL		**1561**		**8062**

BASEMENT & PARKING AREA CALC.

COMBINED BASEMENT CALCULATIONS

BASEMENT AREA & CIRCULATION	**A**	**33,645.246**	**SQM**
SERVICE AREA	**B**	**3,293.247**	**SQM**
TOTAL BASEMENT-01 AREA		**36,938.493**	**SQM**
TOTAL BASEMENT-02 AREA	**C**	**2,408.668**	**SQM**

PARKING CALCULATIONS

TOTAL FAR AREA OF RESIDENTIAL		**2,11,984.901**	**SQM**
TOTAL PARKING REQUIRED @25% OF TOTAL BUA	**25.00%**	**52,996.225**	**SQM**
TOTAL PARKING AREA PROVIDED IN BASEMENT (BASEMENT)	**A**	**36,938.493**	**SQM**
TOTAL PARKING AREA PROVIDED IN BASEMENT (BASEMENT)	**C**	**2,408.668**	**SQM**
TOTAL PARKING AREA PROVIDED IN STILT IN BLOCK B1		**1,134.986**	**SQM**
TOTAL PARKING AREA PROVIDED IN STILT IN BLOCK B2		**7,294.233**	**SQM**
TOTAL PARKING AREA PROVIDED IN STILT IN BLOCK B3		**2,350.453**	**SQM**
TOTAL PARKING AREA PROVIDED IN STILT IN BLOCK B4		**2,702.930**	**SQM**
TOTAL PARKING AREA PROVIDED IN STILT IN BLOCK B5		**1,537.632**	**SQM**
TOTAL PARKING AREA PROVIDED IN STILT IN BLOCK B6		**594.916**	**SQM**
TOTAL STILT PARKING	**B**	**15,615.150**	**SQM**
TOTAL PARKING AREA PROVIDED	**D=A+B+C**	**54,962.311**	**SQM**

BLOCK	TOWER	PARKING 2 WHEELER		PARKING 4 WHEELER		PARKING 4 WHEELER
		Stilt	Basement-01	Stilt	Basement-	Basement-
B1	T1	0	0	48	100	0
B2	T1 & T3	0		176	341	67
B2	T2		0			
B3	T1 & T4	0		90	294	0
B3	T2 & T3		0			
B4	T1	0	0	141	188	0
B5	T1	325	371	0	0	0
B6	T1	0	0	23	54	0
Sum		**325**	**375**	**478**	**977**	**67**
Total		**700**		**1455**		**67**
Total 2 Wheeler + 4 Wheeler Parking				**2222**		

BASEMENT & PARKING AREA CALC.

S.No.	Type of Structure/Surface	Catchment Area [A] Sqm	Catchment Area [A] Hectare	Run off Coefficient [C]	Intensity of rainfall (mm/hour)	Discharge (Run off) [Q=10 CIA] m^3/hr	Total (m^3/hr) Discharge [Q]
[1]	**Building (Terrace)**						
a)	Area [A]	23208	2.3208	0.9	45	10 x 0.90 x 45 x 2.3208	939.92
	Total of [1]	**23208**	2.3208	-	-	-	939.92
	Say of [1]	**23208**	2.3208				**940.00**
[2]	**Paved/Road Surface**						
a)	Area [P]	10326	1.0326	0.85	45	10 x 0.85 x 45 x 1.0326	394.97
	Say of [2]	**10326**					**395.00**
[3]	**Green Area**						
a)	Area [G]	12000	1.2	0.2	45	10 x 0.2 x 45 x 1.2	108.00
	Say of [3]	**12000**	1.2	-	-	-	**108.00**
	Grand Total (1-3)	**45534**					**1443.00**
	SAY						**1443.00** M^3/Hr.

Considering coefficent for Evaporation/ Spillage and first flush etc. = 0.8

Total Storm Water Flow = 1443.00 0.8 = 1154.4 M3 /Hour

Total Storm Water Flow = 1154.4 M3 /Hour

Considering15 minutes (0.25 Hr) Retention Period i.e., 0.25 Hr

Volume Required 1154.4 0.25 288.6 m3

= 288.6 m3

Say, Volume = 289 m3

Considering 1 No. Rain Water Harvesting Pit of size 3.0 m dia and 3.5 m effective depth.

Volume of One No. Rain Water Harvesting Pit

Diameter of Pit (d) = 3 m

Liquid Depth [D] = 3.5 m

Volume of 1 No. Rain Water Harvesting Pit

= 24.7401 m3

= 25 m3

No. of Rain Water Harvesting Pit

Total No. of rain water Harvesting pit required — Total Volume / Volume of One No. Rain Water Harvesting Pit

= 289 / 25

= 11.56 Nos.

Say = 12 Nos.

Providing 12 Nos. Rain Water Harvesting pit of effective depth of 3 mtrs. Of liquid depth with 160 (OD) UPVC slotted pipe

PROJECT:

HARI NAGAR
Hari Nagar, NH-98, Near AIIMS,
Phulwashariff, Patna-801 505

AT - PATNA , BIHAR.
KHATA NO. -

PLOT NO. -
THANA NO. -

PO -
TAUZI NO. -
DISTRICT. - PATNA, BIHAR

SHEET TITTLE:

SITE PLAN

SCALE = 1:100
OR
Mentioned

NORTH

DRAWN BY : -

SHEET NO. - 02

SIGNATURE OF OWNER/ FIRM / COMPANY

SIGNATURE OF ARCHITECT

SIGNATURE OF STRUCTURAL ENGINEER