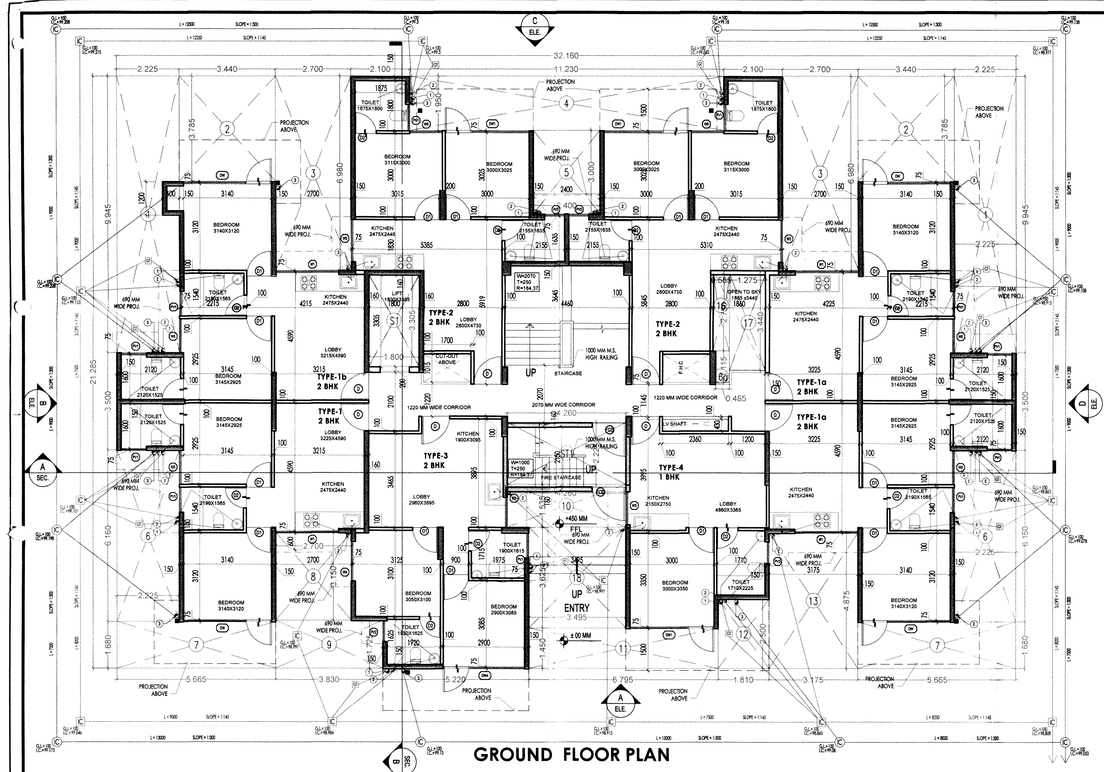
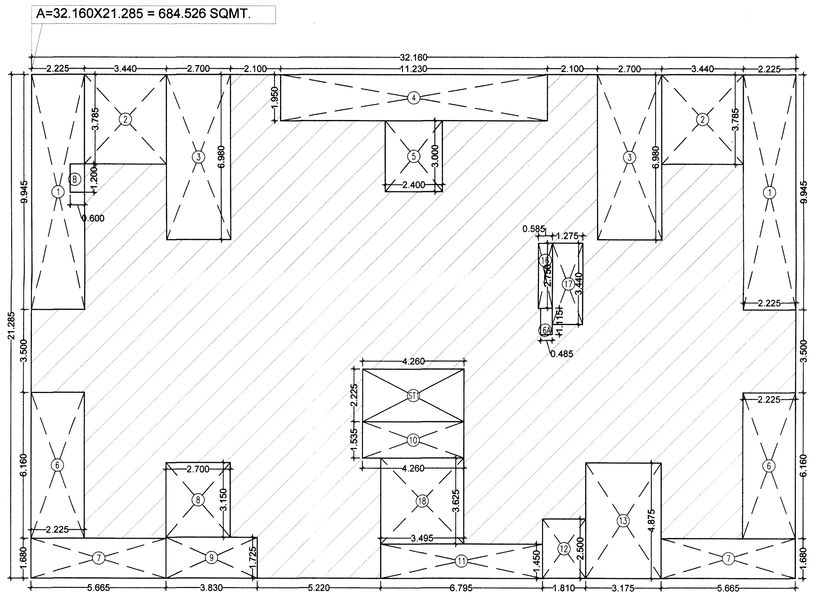


GROUND FLOOR PLAN



AREA DIAGRAM FOR F.A.R CALCULATION FOR GROUND FLOOR

F.A.R CALCULATION AT GROUND FLOOR

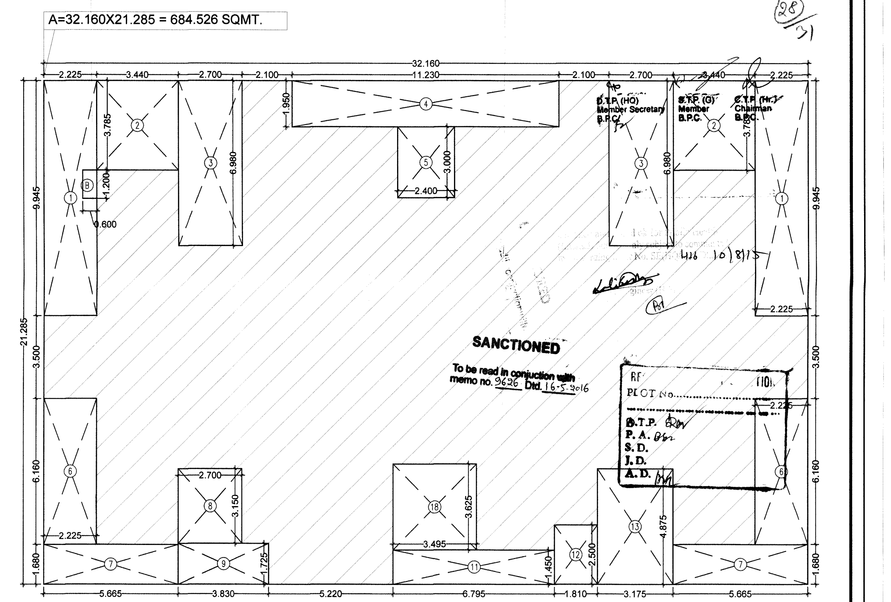
A	32.16	X	21.285	X	1	X	1	=	684.526 RECTANGLE
B	0.6	X	1.2	X	1	X	1	=	0.72 RECTANGLE
TOTAL AREA (A)								=	**685.246**

DEDUCTIONS

S.NO	LENGTH (MT.)		BREATH (MT.)		HEIGHT (MT.)		NOS.		AREA (SQ.MT)	REMARKS
1	2.225	X	9.945	X	1	X	2	=	44.255	RECTANGLE
2	3.440	X	3.785	X	1	X	2	=	26.041	RECTANGLE
3	2.700	X	6.980	X	1	X	2	=	37.692	RECTANGLE
4	11.230	X	1.950	X	1	X	1	=	21.899	RECTANGLE
5	2.400	X	3.000	X	1	X	1	=	7.200	RECTANGLE
6	6.160	X	2.225	X	1	X	2	=	27.412	RECTANGLE
7	5.665	X	1.680	X	1	X	2	=	19.034	RECTANGLE
8	2.700	X	3.150	X	1	X	1	=	8.505	RECTANGLE
9	3.830	X	1.725	X	1	X	1	=	6.607	RECTANGLE
10	4.260	X	1.535	X	1	X	1	=	6.539	RECTANGLE
11	6.795	X	1.450	X	1	X	1	=	9.853	RECTANGLE
12	1.810	X	2.500	X	1	X	1	=	4.525	RECTANGLE
13	3.175	X	4.875	X	1	X	1	=	15.478	RECTANGLE
16	0.585	X	2.750	X	1	X	1	=	1.609	RECTANGLE
16A	0.485	X	1.115	X	1	X	1	=	0.541	RECTANGLE
17	1.275	X	3.440	X	1	X	1	=	4.386	RECTANGLE
18	3.495	X	3.625	X	1	X	1	=	12.669	RECTANGLE
ST1	4.260	X	2.225	X	1	X	1	=	9.479	RECTANGLE
AREA (B)								=	**263.723**	SQ.M

F.A.R ACHIEVED

AREA (A)	-	AREA (B)	=	F.A.R	SQ.M
685.246		263.723		**421.523**	SQ.M



AREA DIAGRAM FOR COVERED AREA CALCULATION

COVERED AREA CALCULATION

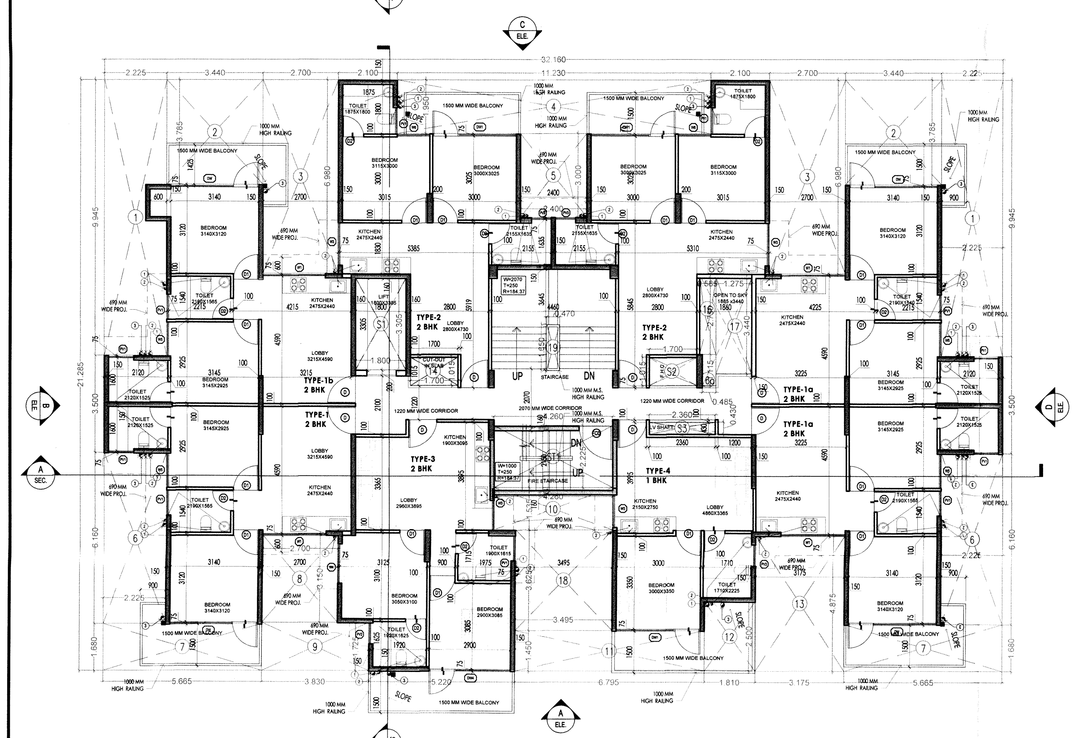
A	32.16	X	21.285	X	1	X	1	=	684.526 RECTANGLE
B	1.2	X	0.6	X	1	X	1	=	0.72 RECTANGLE
TOTAL AREA (A)									685.246

DEDUCTIONS

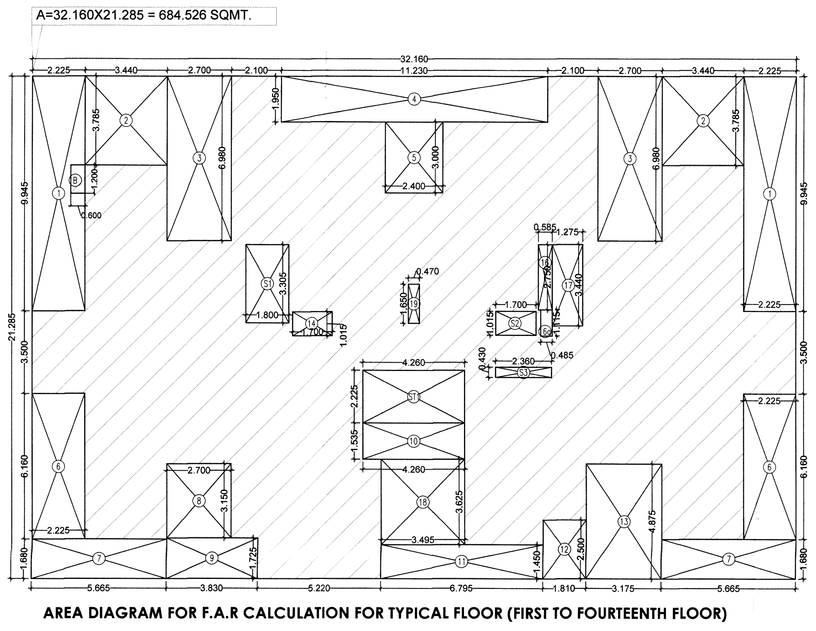
S.NO	LENGTH (MT.)		BREATH (MT.)		HEIGHT (MT.)		NOS.		AREA (SQ.MT)	REMARKS
1	2.225	X	9.945	X	1	X	2	=	44.255	RECTANGLE
2	3.440	X	3.785	X	1	X	2	=	26.041	RECTANGLE
3	2.700	X	6.980	X	1	X	2	=	37.692	RECTANGLE
4	11.230	X	1.950	X	1	X	1	=	21.899	RECTANGLE
5	2.400	X	3.000	X	1	X	1	=	7.200	RECTANGLE
6	6.160	X	2.225	X	1	X	2	=	27.412	RECTANGLE
7	5.665	X	1.680	X	1	X	2	=	19.034	RECTANGLE
8	2.700	X	3.150	X	1	X	1	=	8.505	RECTANGLE
9	3.830	X	1.725	X	1	X	1	=	6.607	RECTANGLE
11	6.795	X	1.450	X	1	X	1	=	9.853	RECTANGLE
12	1.810	X	2.500	X	1	X	1	=	4.525	RECTANGLE
13	3.175	X	4.875	X	1	X	1	=	15.478	RECTANGLE
18	3.495	X	3.625	X	1	X	1	=	12.669	RECTANGLE
AREA (B)									**241.170**	SQ.M

F.A.R ACHIEVED

AREA (A)	-	AREA (B)	=	F.A.R	SQ.M
685.246		241.170		**444.076**	SQ.M



TYPICAL FLOOR PLAN (FIRST TO FOURTEENTH)



AREA DIAGRAM FOR F.A.R CALCULATION FOR TYPICAL FLOOR (FIRST TO FOURTEENTH FLOOR)

F.A.R CALCULATION AT TYPICAL FLOOR

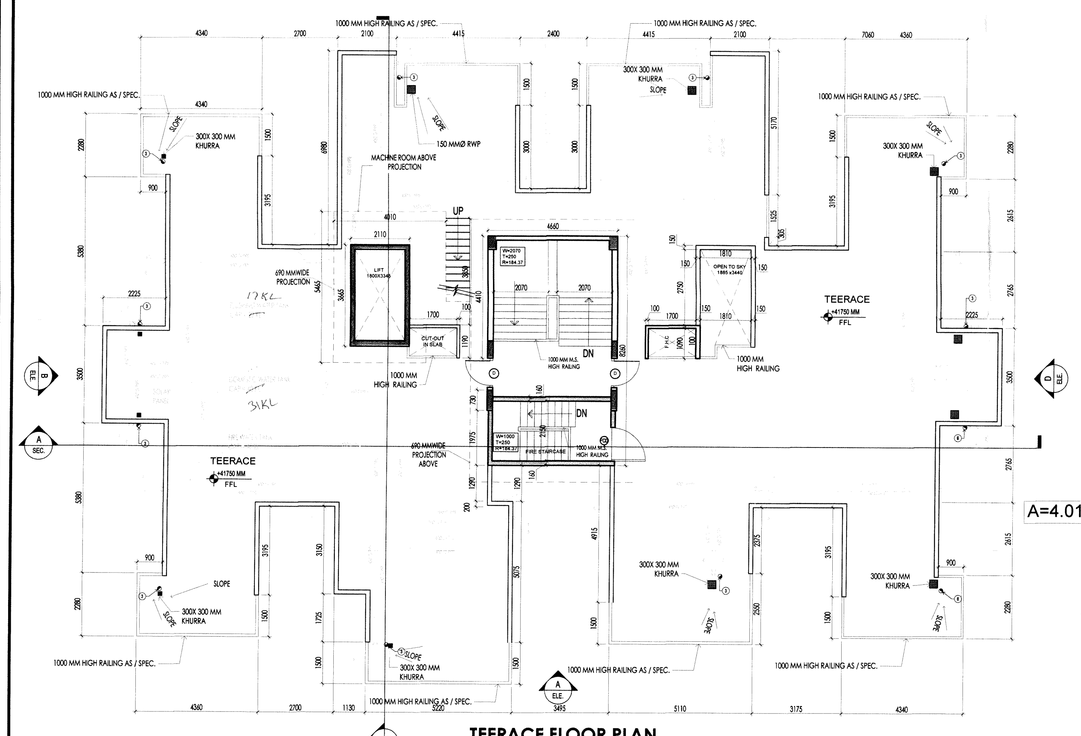
A	32.16	X	21.285	X	1	X	1	=	684.526 RECTANGLE
B	0.6	X	1.2	X	1	X	1	=	0.72 RECTANGLE
TOTAL AREA (A)								=	**685.246**

DEDUCTIONS

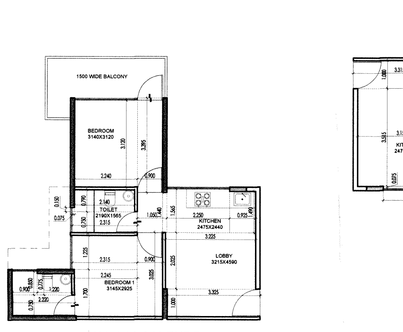
S.NO	LENGTH (MT.)		BREATH (MT.)		HEIGHT (MT.)		NOS.		AREA (SQ.MT)	REMARKS
1	2.225	X	9.945	X	1	X	2	=	44.255	RECTANGLE
2	3.440	X	3.785	X	1	X	2	=	26.041	RECTANGLE
3	2.700	X	6.980	X	1	X	2	=	37.692	RECTANGLE
4	11.230	X	1.950	X	1	X	1	=	21.899	RECTANGLE
5	2.400	X	3.000	X	1	X	1	=	7.200	RECTANGLE
6	6.160	X	2.225	X	1	X	2	=	27.412	RECTANGLE
7	5.665	X	1.680	X	1	X	2	=	19.034	RECTANGLE
8	2.700	X	3.150	X	1	X	1	=	8.505	RECTANGLE
9	3.830	X	1.725	X	1	X	1	=	6.607	RECTANGLE
10	4.260	X	1.535	X	1	X	1	=	6.539	RECTANGLE
11	6.795	X	1.450	X	1	X	1	=	9.853	RECTANGLE
12	1.810	X	2.500	X	1	X	1	=	4.525	RECTANGLE
13	3.175	X	4.875	X	1	X	1	=	15.478	RECTANGLE
14	1.700	X	1.015	X	1	X	1	=	1.726	RECTANGLE
16	0.585	X	2.750	X	1	X	1	=	1.609	RECTANGLE
16A	0.485	X	1.115	X	1	X	1	=	0.541	RECTANGLE
17	1.275	X	3.440	X	1	X	1	=	4.386	RECTANGLE
18	3.495	X	3.625	X	1	X	1	=	12.669	RECTANGLE
19	0.470	X	1.650	X	1	X	1	=	0.776	RECTANGLE
S1	1.800	X	3.305	X	1	X	1	=	5.949	RECTANGLE
S2	1.700	X	1.015	X	1	X	1	=	1.726	RECTANGLE
S3	2.360	X	0.430	X	1	X	1	=	1.015	RECTANGLE
ST1	4.260	X	2.225	X	1	X	1	=	9.479	RECTANGLE
AREA (B)								=	**274.913**	SQ.M

F.A.R ACHIEVED

AREA (A)	-	AREA (B)	=	F.A.R	SQ.M
685.246		274.913		**410.332**	SQ.M



TEERACE FLOOR PLAN



A=4.010X5.465=21.915SQM

B=4.660X8.26=38.492SQM

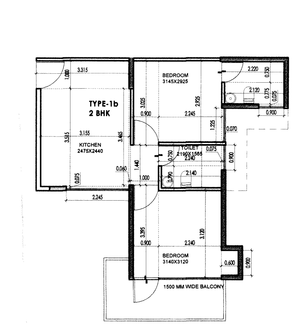
TOTAL COVERED AREA = A+B
=21.915+38.492 SQ.M
= 60.407 SQ.M

COVERED AREA CALCULATION OF MUMTY & MACHINE ROOM

UNIT PLAN TYPE-1
2 BHK

UNIT TYPE - TYPE 1

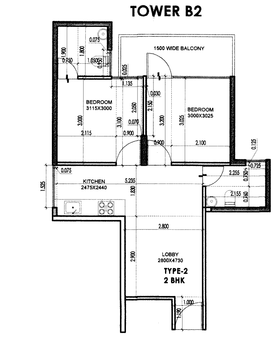
ROOMS	CARPET AREA (IN M)		AREA	TOTAL ROOM AREA	
	X-axis	Y-axis	SQM	SQM	SQFT
LOBBY	3.325	1.000	3.325	16.267	175.099
	3.155	3.515	11.090		
	1.225	2.025	6.531		
	2.250	1.565	3.521		
	1.000	1.440	1.440		
	1.050	1.440	1.512		
BEDROOM	0.900	3.025	2.723	9.375	100.911
	2.245	1.700	3.817		
	2.315	1.225	2.836		
TOILET	2.220	0.750	1.665	3.376	36.334
	1.220	0.775	0.946		
	0.900	0.850	0.765		
TOILET	2.315	0.750	1.736	3.438	37.008
	2.140	0.790	1.691		
	0.075	0.150	0.011		
BEDROOM	0.900	3.395	3.056	10.044	108.117
	2.240	3.120	6.989		
TOTAL AREA				42.500	457.469



UNIT PLAN TYPE-1B
2 BHK

UNIT TYPE - TYPE 1B

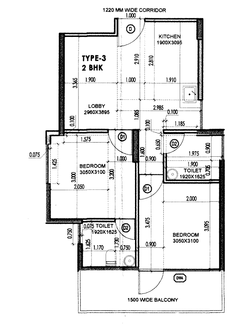
ROOMS	CARPET AREA (IN M)		AREA	TOTAL ROOM AREA	
	X-axis	Y-axis	SQM	SQM	SQFT
LOBBY	3.315	1.000	3.315	16.221	174.604
	3.155	3.515	11.090		
	0.060	3.465	0.208		
	2.240	0.075	0.168		
	1.000	1.440	1.440		
BEDROOM	0.900	3.025	2.723	9.375	100.911
	2.245	2.925	6.567		
	1.225	0.070	0.086		
TOILET	2.220	0.750	1.665	3.376	36.334
	2.120	0.775	1.643		
	0.900	0.075	0.068		
TOILET	2.240	0.750	1.680	3.438	37.008
	2.140	0.790	1.691		
	0.900	0.075	0.068		
BEDROOM	2.240	3.120	6.989	10.584	113.929
	0.600	0.900	0.540		
TOTAL AREA				42.994	462.786



UNIT PLAN TYPE-2
2 BHK

UNIT TYPE - TYPE 2

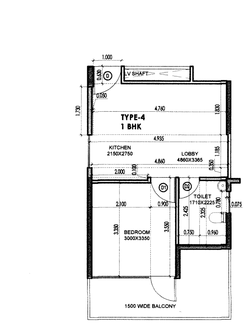
ROOMS	CARPET AREA (IN M)		AREA	TOTAL ROOM AREA	
	X-axis	Y-axis	SQM	SQM	SQFT
LOBBY	1.000	1.190	1.190	19.004	204.564
	2.800	2.800	8.120		
	5.235	1.830	9.580		
	0.075	1.525	0.114		
BEDROOM	0.900	3.200	2.880	9.297	100.073
	2.100	3.025	6.353		
	0.030	2.150	0.065		
TOILET	0.750	2.255	1.691	3.420	36.809
	0.760	2.155	1.638		
	0.125	0.725	0.091		
TOILET	0.750	1.900	1.425	3.386	36.450
	1.050	1.800	1.890		
	0.075	0.950	0.071		
BEDROOM	2.115	3.000	6.345	9.307	100.179
	0.900	3.100	2.790		
	0.070	2.050	0.144		
	1.135	0.025	0.028		
TOTAL AREA				44.414	478.075



UNIT PLAN TYPE-3
2 BHK

UNIT TYPE - TYPE 3

ROOMS	CARPET AREA (IN M)		AREA	TOTAL ROOM AREA	
	X-axis	Y-axis	SQM	SQM	SQFT
LOBBY	1.900	3.365	6.394	19.349	208.276
	1.000	2.910	2.910		
	1.910	2.810	5.367		
	2.985	1.085	3.239		
	0.900	1.600	1.440		
	1.000	3.200	3.200		
BEDROOM	2.050	3.000	6.150	9.614	103.489
	0.075	1.425	0.107		
	0.100	1.575	0.158		
TOILET	0.750	1.730	1.298	3.255	35.037
	1.170	1.625	1.901		
	0.075	0.750	0.056		
TOILET	0.100	0.650	0.065	3.301	35.527
	1.185	0.100	0.119		
	1.975	0.900	1.778		
BEDROOM	1.900	0.705	1.340	9.318	100.294
	0.900	3.475	3.128		
	3.095	2.000	6.190		
TOTAL AREA				44.837	482.622



UNIT PLAN TYPE-4
1 BHK

UNIT TYPE - TYPE 4

ROOMS	CARPET AREA (IN M)		AREA	TOTAL ROOM AREA	
	X-axis	Y-axis	SQM	SQM	SQFT
LOBBY	1.900	3.365	6.394	17.176	184.885
	1.000	2.910	2.910		
	4.935	1.165	5.748		
	4.660	0.350	1.701		
	2.000	0.100	0.200		
BEDROOM	0.900	3.550	3.195	10.230	110.116
	2.100	3.350	7.035		
TOILET	0.750	2.425	1.819	4.109	44.232
	0.960	2.325	2.232		
	0.075	0.780	0.059		
TOTAL AREA				31.516	339.233

	MANHOLE FOR SEWERAGE
	MANHOLE FOR SEWERAGE
G.L	GROUND LEVEL
I.L.	INVERT LEVEL
C.L.	CONNECTION LEVEL
M.	METRE
L	LENGTH
B.F.V.	BUTTER FLY VALVE
C.V.	CHECK(NON-RETURN VALVE

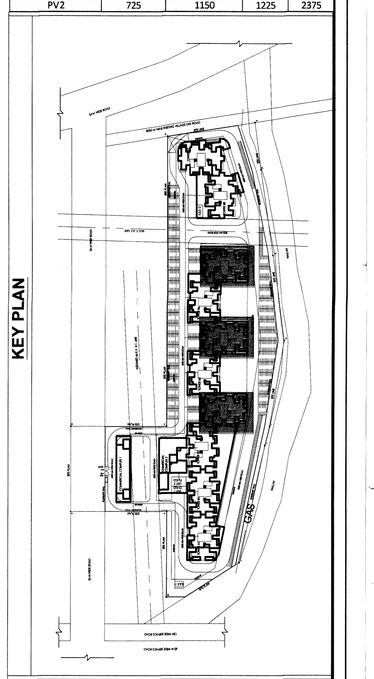
LEGEND

1	150 MM Ø SWP
2	100 MM Ø WVP
3	150 MM Ø RWP
4	50 MM Ø G.I.P UP D.W.S
5	50 MM Ø G.I.P UP T.W.S
6	40 MM Ø G.I.P DN D.W.S
7	40 MM Ø G.I.P DN F.W.S
8	200 MM Ø RCC MAIN SEWER PIPE
9	300 MM Ø RCC RAIN WATER PIPE
10	DOMESTIC WATER SUPPLY
11	FLUSHING WATER SUPPLY
12	HOT WATER SUPPLY

JOINERY DETAIL

DESCRIPTION	WIDTH	HEIGHT	SILL	LINTL
D	1000	2400	-	-
D1	900	2400	-	-
D2	750	2400	-	-
DW	3140	2400	-	-
DW1	3000	2650	-	-
W	2750	2650	900	2375
W1	2250	1050	1050	2100
W2	1525	1050	1050	2100
W3	1225	2225	150	2375
W4	1700	1475	900	2375
PV1	900	1150	1225	2375
PV2	725	1150	1225	2375

KEY PLAN



SANCTIONED

To be read in conjuction with memo no. 9426 Dtd. 16-5-2016

R.F.	(10)
P.C.O.T.P.O.	
A.T.P.	
E.A.	
S.D.	
J.D.	
A.D.	

dr.g. title: **TOWER B4, B6 & B8 (G+14)**
GROUND FLOOR , TYPICAL FLOOR PLAN, TEERACE PLAN ,CARPET AREA CALCULATION & AREA CALCULATION

project: REVISED AFFORDABLE GROUP HOUSING SCHEME MEASURING 6.50625 ACRES (LICENSE NO.49 OF 2014 DATED 18/06/2014) SECTOR -5 , SOHNA

client: MVN INFRASTRUCTURE PVT. LTD.

architects: **GAUTAM & GAUTAM ASSOCIATES**
ARCHITECTURE • URBAN PLANNING • LANDSCAPING • INTERIORS
H.O : S-484,LGF,GK-II,NEW DELHI — STUDIOS :1132 SEC-19,FARIDABAD
TEL - 011-41664122-24 — TEL - 0129-4464461-63

ARCHITECT'S SIGNATURE:- | OWNER SIGNATURE:-
For MVN Infrastructure Pvt. Ltd.
Authorized Signatory

AJAY GAUTAM (ARCHITECT)
AJAY M. & GAUTAM ASSOCIATES
ARCHITECTS + E...
S-484, Lower GF, GK- II, New Delhi-110048
CM/91/3814

drg. no: **B4-01** | scale: 1:100 | date: JUL...2015 | N