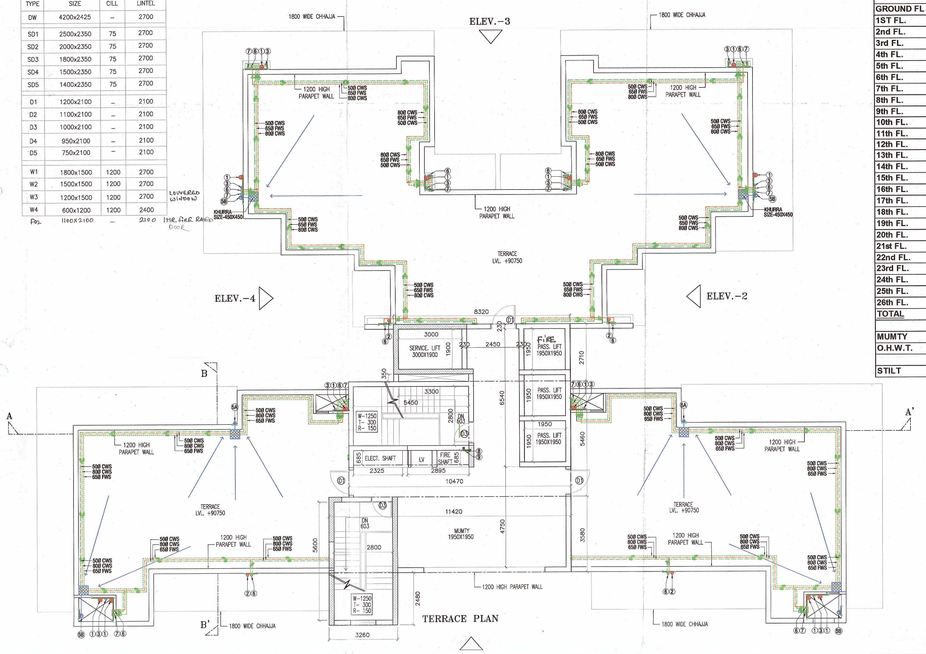
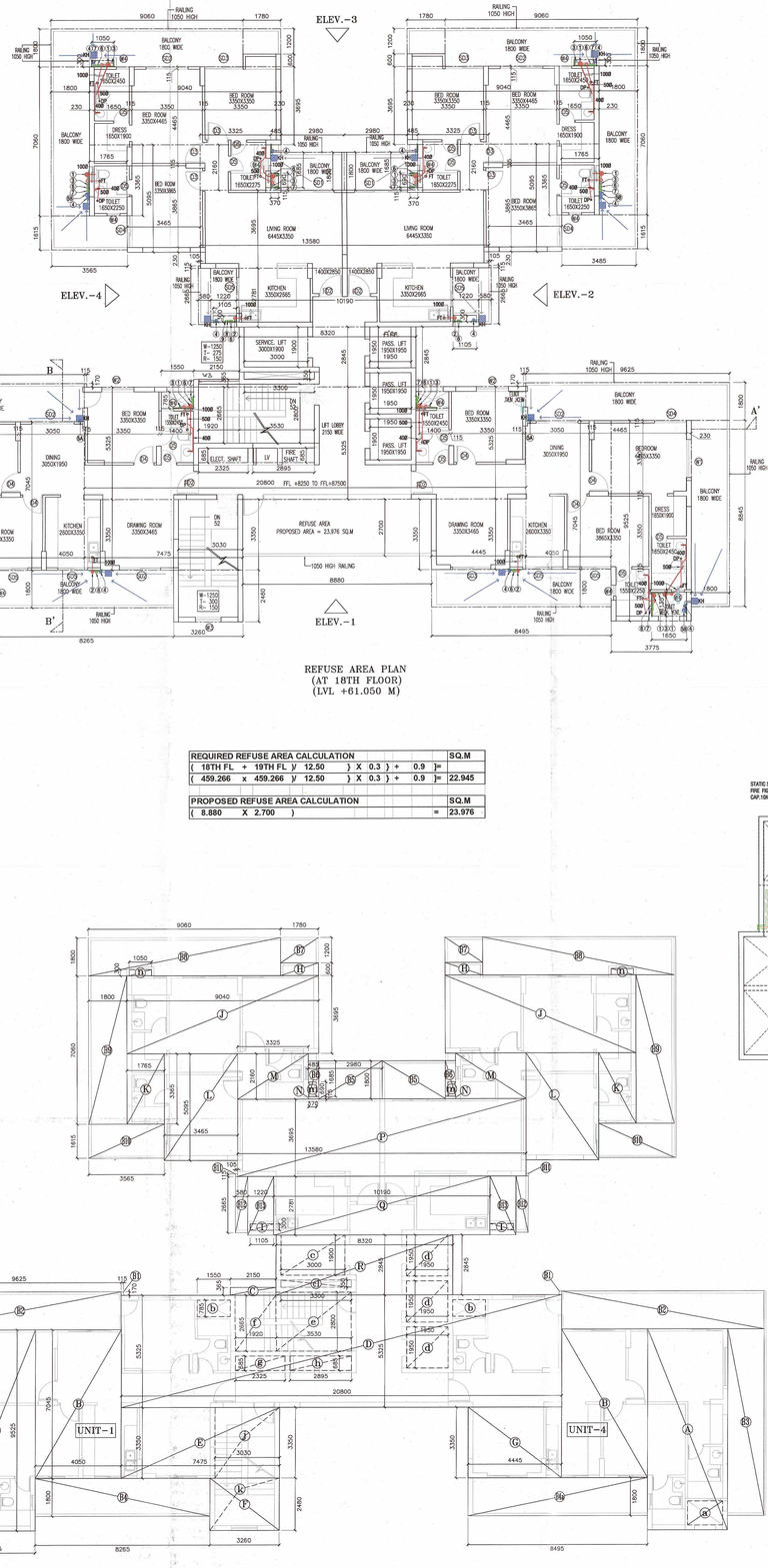
SCHEDULE OF OPENING

TYPE	SIZE	CILL	LINTEL
DW	4200x2425	--	2700
SD1	2500x2350	75	2700
SD2	2000x2350	75	2700
SD3	1800x2350	75	2700
SD4	1500x2350	75	2700
SD5	1400x2350	75	2700
D1	1200x2100	--	2100
D2	1100x2100	--	2100
D3	1000x2100	--	2100
D4	950x2100	--	2100
D5	750x2100	--	2100
W1	1800x1500	1200	2700
W2	1500x1500	1200	2700
W3	1200x1500	1200	2700
W4	600x1200	1200	2400
Fp.	Height 2100	--	Size as per the Fire Prot. Policy



TOWER-T1 & T2					
	GR.COV.	UNIT	BALCONY	STAIR	D.UNIT
		F.A.R.	NON F.A.R	NON F.A.R.	
	SQ.M.	SQ.M.	SQ.M.	SQ.M.	
GROUND FL	626.862	170.883		--	
1ST FL.		459.266	190.564	34.021	4
2nd FL.		459.266	190.564	34.021	4
3rd FL.		459.266	190.564	34.021	4
4th FL.		459.266	190.564	34.021	4
5th FL.		459.266	190.564	34.021	4
6th FL.		459.266	190.564	34.021	4
7th FL.		459.266	190.564	34.021	4
8th FL.		459.266	190.564	34.021	4
9th FL.		459.266	190.564	34.021	4
10th FL.		459.266	190.564	34.021	4
11th FL.		459.266	190.564	34.021	4
12th FL.		459.266	190.564	34.021	4
13th FL.		459.266	190.564	34.021	4
14th FL.		459.266	190.564	34.021	4
15th FL.		459.266	190.564	34.021	4
16th FL.		459.266	190.564	34.021	4
17th FL.		459.266	190.564	34.021	4
18th FL.		459.266	190.564	34.021	4
19th FL.		459.266	190.564	34.021	4
20th FL.		459.266	190.564	34.021	4
21st FL.		459.266	190.564	34.021	4
22nd FL.		459.266	190.564	34.021	4
23rd FL.		459.266	190.564	34.021	4
24th FL.		459.266	190.564	34.021	4
25th FL.		459.266	190.564	34.021	4
26th FL.		459.266	190.564	34.021	4
TOTAL	626.862	12111.803	4954.666	884.542	104
MUMTY		52.778			
O.H.W.T.		128.682			
STILT		455.980			



REFUSE AREA PLAN
(AT 18TH FLOOR)
(LVL +61.050 M)

REQUIRED REFUSE AREA CALCULATION		SQ.M
(18TH FL + 19TH FL) / 12.50 } X 0.3 } + 0.9	=	
(459.266 x 459.266) / 12.50 } X 0.3 } + 0.9	=	22.945
PROPOSED REFUSE AREA CALCULATION		SQ.M
(8.880 X 2.700)	=	23.976

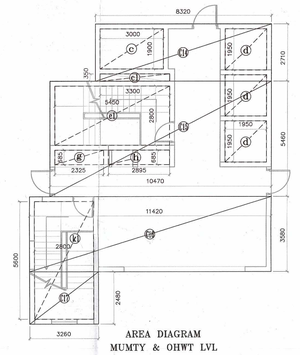
TOWER-T1 & T2			
TOTAL BUILT UP AREA (F.A.R.+NON F.A.R)			
TOWER (F.A.R.)	=	12,111.803	SQ.M.
STILT (NON F.A.R.)	=	455.980	SQ.M.
STAIR (NON F.A.R.)	=	884.542	SQ.M.
BALCONY (NON F.A.R.)	=	4,954.666	SQ.M.
MUMTY (NON F.A.R.)	=	52.778	SQ.M.
O.H.W.T. (NON F.A.R.)	=	128.682	SQ.M.
TOTAL	=	18,588.451	SQ.M.

MUMTY AREA CALCULATION (NON F.A.R.)							
S.NO.	No.		LENGTH		WIDTH		REMARK
C14	1	x	8.320	x	2.710	=	22.547
C15	1	x	10.470	x	5.460	=	57.166
C16	1	x	11.420	x	3.580	=	40.884
C17	1	x	3.260	x	2.480	=	8.085
TOTAL						=	128.682

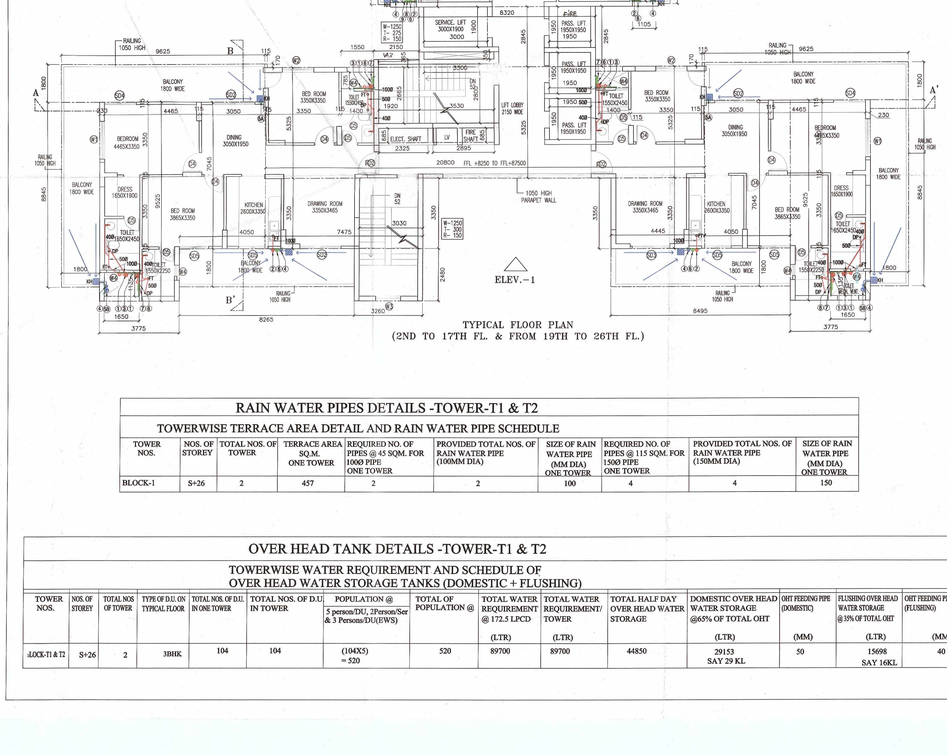
DEDUCATION AREAS							
c	1	x	3.000	x	1.900	=	5.700
c1	1	x	3.300	x	0.350	=	1.155
d	3	x	1.950	x	1.950	=	11.408
e1	1	x	5.450	x	2.800	=	15.260
g	1	x	2.325	x	0.685	=	1.593
h	1	x	2.895	x	0.685	=	1.983
k1	1	x	2.800	x	5.600	=	15.680
TOTAL						=	52.778

NET MUMTY AREA				
=	128.682	- 52.778	=	75.904

MACH. RM. & O.H.W.T. AREA CALCULATION (NON F.A.R.)							
S.NO.	No.		LENGTH		WIDTH		REMARK
C14	1	x	8.320	x	2.710	=	22.547
C15	1	x	10.470	x	5.460	=	57.166
C16	1	x	11.420	x	3.580	=	40.884
C17	1	x	3.260	x	2.480	=	8.085
TOTAL						=	128.682



AREA DIAGRAM
MUMTY & OHWT LVL



TYPICAL FLOOR PLAN
(2ND TO 17TH FL. & FROM 19TH TO 26TH FL.)

TOWER- T1 & T2							
TYP FLOOR (Ist TO 26th FL) AREA CAL (F.A.R.)							
S.NO.	No.		LENGTH		WIDTH		REMARK
A	2	x	3.775	x	9.525	=	71.914
B	2	x	4.050	x	7.045	=	57.065
C	1	x	2.150	x	0.365	=	0.785
D	1	x	20.800	x	5.325	=	110.760
E	1	x	7.475	x	3.350	=	25.041
F	1	x	3.260	x	2.480	=	8.085
G	1	x	4.445	x	3.350	=	14.891
H	2	x	1.780	x	0.600	=	2.136
J	2	x	9.040	x	3.695	=	66.806
K	2	x	1.765	x	3.365	=	11.878
L	2	x	3.465	x	5.095	=	35.308
M	2	x	3.325	x	2.160	=	14.364
N	2	x	0.370	x	0.115	=	0.085
P	1	x	13.580	x	3.695	=	50.178
Q	1	x	10.190	x	2.781	=	28.338
R	1	x	8.320	x	2.845	=	23.670
TOTAL						=	521.304

DEDUCATION AREAS							
a	2	x	1.650	x	1.135	=	3.746
b	2	x	1.550	x	0.785	=	2.434
c	2	x	3.000	x	1.900	=	5.700
c1	1	x	3.300	x	0.350	=	1.155
d	3	x	1.950	x	1.950	=	11.408
e	1	x	3.530	x	2.800	=	9.884
f	1	x	1.920	x	2.665	=	5.117
g	1	x	2.325	x	0.685	=	1.593
h	1	x	2.895	x	0.685	=	1.983
j	1	x	3.030	x	3.350	=	10.151
k	1	x	3.260	x	2.480	=	8.085
C	1	x	2.150	x	0.365	=	0.785
TOTAL						=	62.038

NET TYP FLOOR AREA				
=	521.304	- 62.038	=	459.266

BALCONY AREA Ist TO 26th (NON F.A.R.)						
B1	2	x	0.115	x 0.170	=	0.039
B2	2	x	9.625	x 1.800	=	34.650
B3	2	x	1.800	x 8.845	=	31.842
B4	2	x	8.265	x 1.800	=	29.754
B5	2	x	2.980	x 1.800	=	10.728
B6	2	x	0.485	x 1.685	=	1.634
B7	2	x	1.780	x 1.200	=	4.272
B8	2	x	9.060	x 1.800	=	32.616
B9	2	x	1.800	x 7.060	=	25.416
B10	2	x	3.565	x 1.615	=	11.515
B11	2	x	0.105	x 0.115	=	0.024
B12	2	x	0.580	x 2.665	=	3.091
B13	2	x	1.220	x 2.781	=	6.786
TOTAL					=	192.368

DEDUCATION AREAS (SHAFTS)						
					=	
l	2	x	1.105	x 0.300	=	0.663
m	2	x	0.370	x 0.690	=	0.511
n	2	x	1.050	x 0.300	=	0.630
TOTAL					=	1.804
NET BAL AREA	=		192.368 -	1.804	=	190.564

STAIRCASE AREA CAL (NON F.A.R.) Ist TO 26th						
S.NO.	No.		LENGTH	WIDTH		REMARK
o	1	x	3.530	x 2.800	=	9.884
r	1	x	1.920	x 2.665	=	5.117
t	1	x	3.030	x 3.350	=	10.151
k	1	x	3.260	x 2.480	=	8.085
C	1	x	2.150	x 0.365	=	0.785
TOTAL					=	34.021

AREA DIAGRAM
TYPICAL FLOOR (Ist TO 26th FLOOR)

RAIN WATER PIPES DETAILS -TOWER-T1 & T2

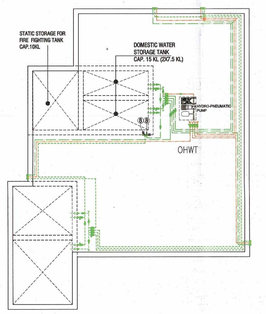
TOWERWISE TERRACE AREA DETAIL AND RAIN WATER PIPE SCHEDULE

TOWER NOS.	NOS. OF STOREY	TOTAL NOS. OF TOWER	TERRACE AREA SQ.M. ONE TOWER	REQUIRED NO. OF PIPES @ 45 SQM. FOR 1060 PIPE ONE TOWER	PROVIDED TOTAL NOS. OF RAIN WATER PIPE (100MM DIA)	SIZE OF RAIN WATER PIPE (MM DIA) ONE TOWER	REQUIRED NO. OF PIPES @ 115 SQM. FOR 1500 PIPE ONE TOWER	PROVIDED TOTAL NOS. OF RAIN WATER PIPE (150MM DIA)	SIZE OF RAIN WATER PIPE (MM DIA) ONE TOWER
BLOCK-1	S+26	2	457	2	2	100	4	4	150

OVER HEAD TANK DETAILS -TOWER-T1 & T2

TOWERWISE WATER REQUIREMENT AND SCHEDULE OF OVER HEAD WATER STORAGE TANKS (DOMESTIC + FLUSHING)

TOWER NOS.	NOS. OF STOREY	TOTAL NOS OF TOWER	TYPE OF D.U. ON TYPICAL FLOOR	TOTAL NOS. OF D.U. IN ONE TOWER	TOTAL NOS. OF D.U. IN TOWER	POPULATION @ 5 person/DU, 2Person/Ser & 3 Persons/DU(EWS)	TOTAL OF POPULATION @	TOTAL WATER REQUIREMENT @ 172.5 LPCD (LTR)	TOTAL WATER REQUIREMENT/ TOWER (LTR)	TOTAL HALF DAY OVER HEAD WATER STORAGE	DOMESTIC OVER HEAD WATER STORAGE @65% OF TOTAL OHT (LTR)	OHT FEEDING PIPE (DOMESTIC) (MM)	FLUSHING OVER HEAD WATER STORAGE @ 35% OF TOTAL OHT (LTR)	OHT FEEDING PIPE (FLUSHING) (MM)	STATIC OVER HEAD STORAGE FOR FIRE FIGHTING
BLOCK-T1 & T2	S+26	2	3BHK	104	104	(104X5) = 520	520	89700	89700	44850	29153 SAY 29 KL	50	15698 SAY 16KL	40	10KL



OHWT LEVEL PLAN

LEGEND	
DESCRIPTION	LEGEND
SOIL, WASTE AND VENT PIPE	①-①
WASTE AND VENT PIPE	②-②
VENT PIPE	③-③
RAIN WATER PIPE FOR BALCONY	④-④
RAIN WATER PIPE FOR TERRACE	⑤-⑤
COLD WATER SUPPLY DROP FROM O.H.T.	⑥-⑥
FLUSHING WATER SUPPLY DROP FROM O.H.T.	⑦-⑦
COLD WATER SUPPLY RISER TO O.H.T.	⑧-⑧
FLUSHING WATER SUPPLY RISER TO O.H.T.	⑨-⑨
FLOOR TRAP	FT
DRAIN POINT	DP
KHURRA (300X300MM)	KH
SOIL PIPE	
WASTE PIPE	
COLD WATER SUPPLY	CWS
HOT WATER SUPPLY	HWS
FLUSHING WATER SUPPLY	FWS
ISOLATING VALVE	
MANHOLE (800X800 MM)	MH
RAIN WATER COLLECTION CHAMBER	RWCC

SCHEDULE OF PIPES			
TAG NO.	DESCRIPTION	DIA (mm)	
1	SOIL,WASTE & VENT PIPE	150	
2	WASTE & VENT PIPE	100	
3	VENT PIPE	100	
4	RAIN WATER PIPE FOR BALCONY	100	
5	RAIN WATER PIPE FOR TERRACE	A: 100, B: 150	
6	CWS DROP FROM OHT	*	
7	FWS DROP FROM OHT	*	
8	COLD WATER RISER TO OHT	*	
9	FLUSHING WATER RISER TO OHT	*	

* AS PER WATER SUPPLY DISTRIBUTION DIAGRAM.

NOTES:-

1. ALL PIPE DIAMETERS ARE IN MM.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND OTHER SERVICES DRAWINGS.
3. WATER INLETS AND WASTE OUTLETS FROM SANITARYWARE SHALL BE ARRANGED TO SUIT REQUIREMENTS OF SELECTED MAKES AND MODELS.
4. SOIL,WASTE & VENT AND RAIN WATER PIPE WORK: -
   a) SOIL, WASTE & VENT PIPE WORK SHALL BE CARRIED OUT IN UPVC PIPES AND FITTINGS CONFORMING TO IS: 13592 - TYPE - B
   b) ALL WASTE PIPE WORK FROM URINALS & WASH BASINS SHALL BE IN CARRIED OUT IN SMALL BORE UPVC PIPES AND FITTINGS OF 6 Kg/CM² PRESSURE RATING AND CONFORMING TO IS: 4985 OR AS SPECIFIED IN BILL OF QUANTITIES.
   c) RAIN WATER PIPE WORK SHALL BE CARRIED OUT IN UPVC PIPES AND FITTINGS CONFORMING TO IS: 13592 - TYPE - A AND IS: 4985 AS SPECIFIED IN BILL OF QUANTITIES.
   d) FLOOR TRAPS:- ALL FLOOR TRAPS SHALL BE FORMED OF 110X110 MM. DIA 'P' TRAP WITH 110 MM. DIA UPVC PIPE EXTENSION PIECE FOR 1 SIDE INLETS, AS PER STANDARD DETAIL.
   e) DRAIN POINTS:- DRAIN POINT SHALL BE FORMED WITH 110X83 MM. UPVC RECEPTACLE (ALTERNATIVELY 110X83 MM SHALLOW NAHANI TRAP NOT MORE THAN 3.5 INCH HIGH) AND PROVIDED WITH 125 MM DIA C.P. GRATING WITH FRAME.
   f) ALL HORIZONTAL SOIL AND WASTE PIPES SHALL BE LAID TO A SLOPE NOT FLATTER THAN 1:50 AND NOT STEEPER THAN 1:10 UNLESS SPECIFIED.
5. WATER SUPPLY PIPE WORK:-
   a) ALL COLD WATER SUPPLY PIPE WORK RUNNING IN TOILET & W.CS ARE CPVC PIPES AND FITTING (SDR-11 UP TO 2 INCH DIA.) AND WITH IN SHAFT ARE UPVC SCH - 40 PIPES AND FITTINGS. OR AS SPECIFIED IN BILL OF QUANTITIES.
   b) ALL COLD WATER SUPPLY PIPE WORK RUNNING ON TERRACE SHALL BE CARRIED OUT IN GI (MEDIUM CLASS) PIPES AND FITTING CONFORMING TO RELEVANT IS CODE.
   c) ALL HOT PIPE SUPPLY PIPES WORK RUNNING ON TERRACE, IN SHAFT AND WITH IN TOILET & W.CS SHALL BE CARRIED OUT IN CPVC PIPES AND FITTINGS (SDR-11 UP TO 2 INCH DIA).
   d) NO PIPE WORK SHALL BE CONCEALED IN WALLS OR BURIED IN FLOORS WITHOUT BEING SUBJECTED TO WATER TESTING AS PER THE DIRECTION OF THE SITE ENGINEER
   e) INSULATION:- ALL HOT WATER SUPPLY PIPES CONCEALED IN WALLS AND SUSPENDED WITH CEILING SHOULD BE INSULATED WITH 9 MM THICK PREFORMED PIPES SLEEVE OF EXTENDED SYNTHETIC RUBBER POLYMERIC COMPOUND.
   f) ALL WATER SUPPLY CONNECTION TO EACH TOILET & W.C SHALL BE TAKEN ABOVE FALSE CEILING LEVEL AND PROVIDED WITH A BALL VALVE DROPS FOR FIXTURES/FAUCETS SHALL BE TAKEN IN VERTICAL CHASES.
   g) PIPES ON TERRACE SHALL BE SUPPORTED ON CONCRETE/BRICK PEDESTALS AT EVERY CHANGE OF DIRECTION AND AT AN INTERVAL OF 1500 MM. ON STRAIGHT RUNS.

SANCTIONED
TO BE READ WITH THIS OFFICE
MEMO NO.:
DATED :

S.T.P.(HQ) Member Secretary B.P.A.C.
S.T.P.(C) Member B.P.A.C.
Consultant Architect (Dinesh Kumar) P.A.(HQ) P.A.
DTP (HQ) B.P.A.C.
ATP(HQ) A.T.P.
JD.

Checked and found ok for construction (internal) Service grey marked comments in forwarding letter No. 5301 dated 31.12.2024
Superintending Engineer (HQ) for Chief Engineer (HQ) Delhi Jal Board

ARCHITECT,S SIGN
BHUPENDERA KUMAR ARCHITECT CA/2004/33978

CLIENT'S SIGN
For ADORE PROPMART LLP
Authorised Signatory

PROJECT
APPROVAL OF BUILDING PLANS OF GROUP HOUSING COLONY AN AREA MEASURING 9.2453 ACRES (LICENSE NO. 264 OF 2023 DATED 19-12-2023) IN SECTOR-77, GURUGRAM BEING DEVELOPED BY ADORE PROPMART LLP.

BUILDING NO.
TOWER T1 & T2

SHEET TITLE
PLANS & AREA CALCULATION

DEALT S.K.	SCALE 1:100	JOB NO
CHECKED B.K.	DATE	DRG. NO GH-SD-06

ARCHITECT
SAHA & ASSOCIATES
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