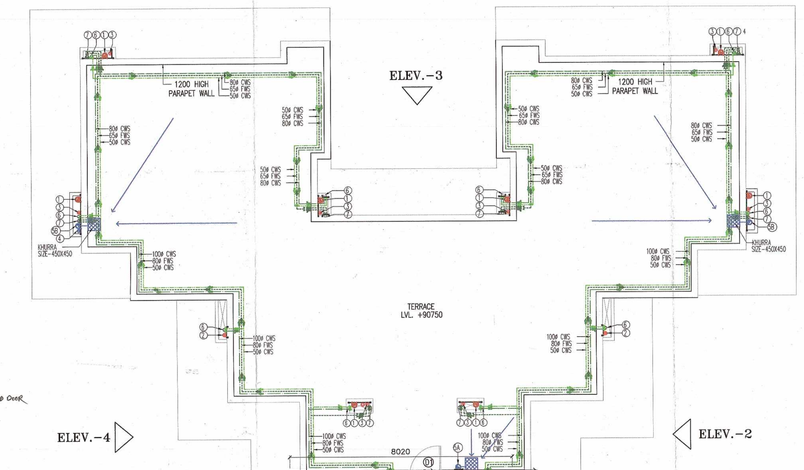
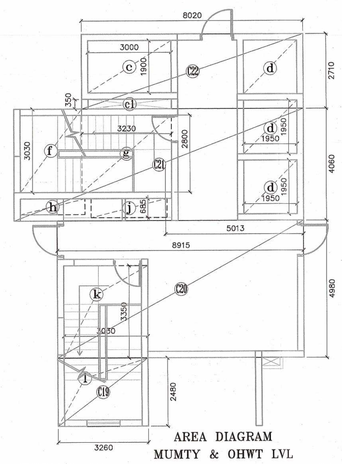
CHEDULE OF OPENING

TYPE	SIZE	CILL	LINTEL
DW	4200x4000	--	4000
DW1	3600x4000	--	4000
DW2	1250x2700	--	2700
SD1	2500x2625	75	2700
SD2	2000x2625	75	2700
SD3	1800x2625	75	2700
SD4	1500x2625	75	2700
SD5	1400x2625	75	2700
SD6	1200x2625	75	2700
D1	1200x2100	--	2100
D2	1100x2100	--	2100
D3	1000x2100	--	2100
D4	950x2100	--	2100
D5	900x2100	--	2100
D6	750x2100	--	2100
W1	1800x1500	1200	2700
W2	1500x1500	1200	2700
W3	1200x1500	1200	2700
W4	600x1200	1200	2400
OP1	700x1175	1250	2700
OP2	500x1175	1250	2700
RS1	Recessed	--	3960

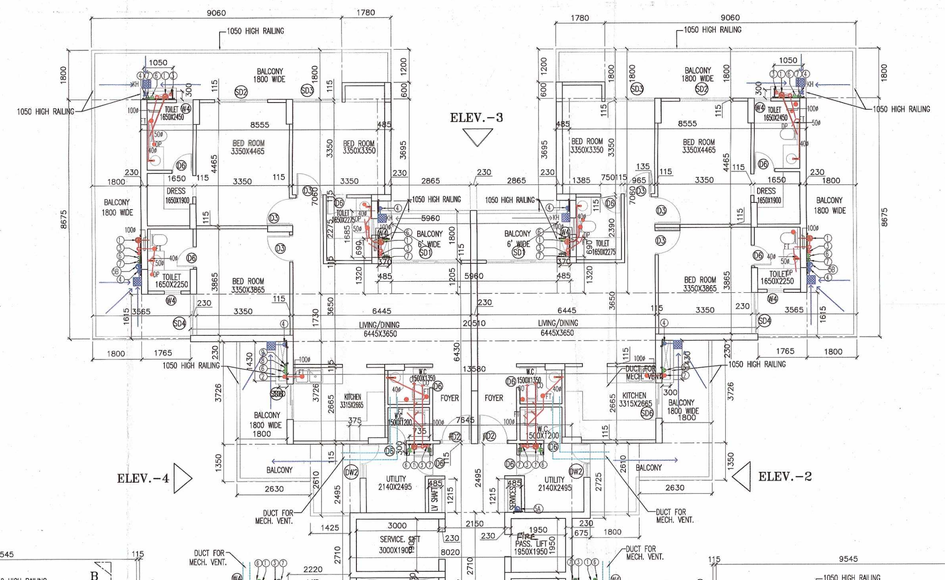
INCL. FOR. EARTH WORK

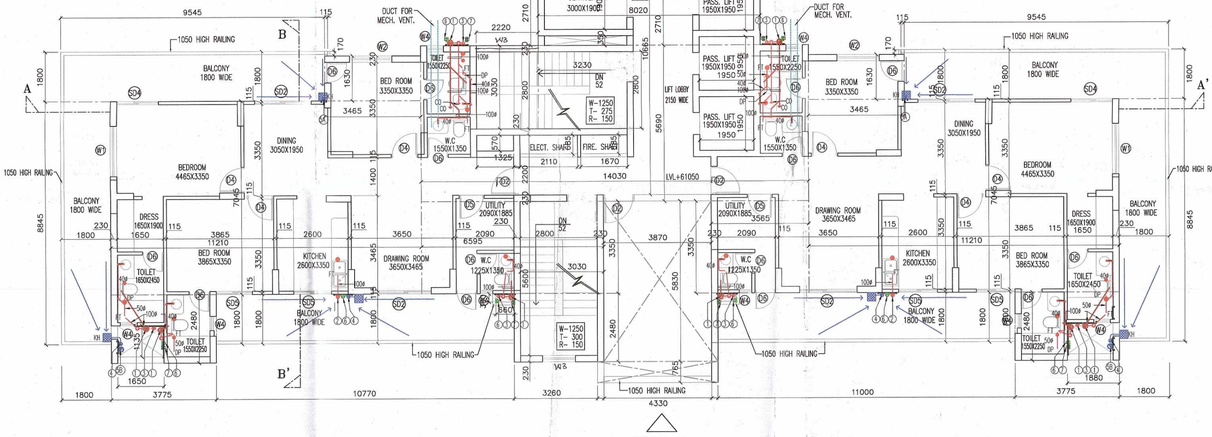




NOTES:-

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 SIDE INLETS, AS PER STANDARD DETAIL.
   e) DRAIN PORTS:- DRAIN PORT SHALL BE FORMED WITH 110X63 MM. UPVC RECEPTACLE (ALTERNATIVELY 110X63 MM SHALLOW NAHANI TRAP NOT MORE THAN 3.0 M(10 FEET) 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 TOILETS ARE CPVC PIPES AND FITTING (CDR-11 UP TO 2 INCH DIA.) AND WITH IN SHAFT ARE vPVC 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 TOILETS 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 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.





TOWER-T3					
	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	651.020	156.126		--	
1ST FL.		512.755	219.083	34.006	4
2nd FL.		512.755	219.083	34.006	4
3rd FL.		512.755	219.083	34.006	4
4th FL.		512.755	219.083	34.006	4
5th FL.		512.755	219.083	34.006	4
6th FL.		512.755	219.083	34.006	4
7th FL.		512.755	219.083	34.006	4
8th FL.		512.755	219.083	34.006	4
9th FL.		512.755	219.083	34.006	4
10th FL.		512.755	219.083	34.006	4
11th FL.		512.755	219.083	34.006	4
12th FL.		512.755	219.083	34.006	4
13th FL.		512.755	219.083	34.006	4
14th FL.		512.755	219.083	34.006	4
15th FL.		512.755	219.083	34.006	4
16th FL.		512.755	219.083	34.006	4
17th FL.		512.755	219.083	34.006	4
18th FL.		512.755	219.083	34.006	4
19th FL.		512.755	219.083	34.006	4
20th FL.		512.755	219.083	34.006	4
21st FL.		512.755	219.083	34.006	4
22nd FL.		512.755	219.083	34.006	4
23rd FL.		512.755	219.083	34.006	4
24th FL.		512.755	219.083	34.006	4
25th FL.		512.755	219.083	34.006	4
26th FL.		512.755	219.083	34.006	4
TOTAL	651.020	13487.768	5696.168	884.153	104
MUMTY		61.369			
O.H.W.T.		116.724			
STILT		494.894			

MUMTY AREA CALCULATION (NON F.A.R.)							
S.NO.	No.		LENGTH		WIDTH		REMARK
C19	1	x	3.260	x	2.480	=	8.085
C20	1	x	8.915	x	4.980	=	44.397
C21	1	x	10.470	x	4.060	=	42.508
C22	1	x	8.020	x	2.710	=	21.734
TOTAL						=	116.724

DEDUCATION AREAS							
c	1	x	3.000	x	1.900	=	5.700
c1	1	x	3.000	x	0.350	=	1.050
d	3	x	1.950	x	1.950	=	11.408
f	1	x	2.220	x	3.030	=	6.727
g	1	x	3.230	x	2.800	=	9.044
h	1	x	2.325	x	0.570	=	1.326
i	1	x	2.725	x	0.685	=	1.867
k	1	x	3.030	x	3.350	=	10.151
l	1	x	3.260	x	2.480	=	8.085
TOTAL						=	55.355

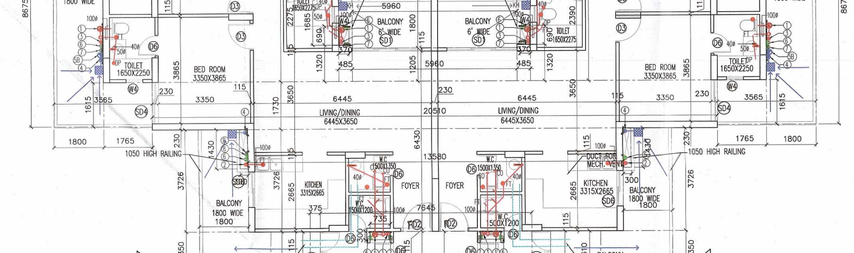
NET MUMTY AREA				
	=	116.724	- 55.355 =	61.369

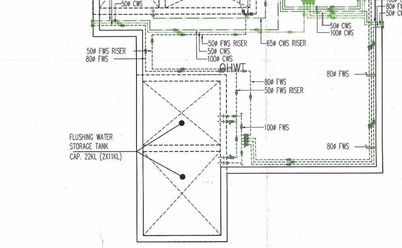
MACH. RM. & O.H.W.T. AREA CALCULATION (NON F.A.R							
S.NO.	No.		LENGTH		WIDTH		REMARK
C19	1	x	3.260	x	2.480	=	8.085
C20	1	x	8.915	x	4.980	=	44.397
C21	1	x	10.470	x	4.060	=	42.508
C22	1	x	8.020	x	2.710	=	21.734
TOTAL						=	116.724

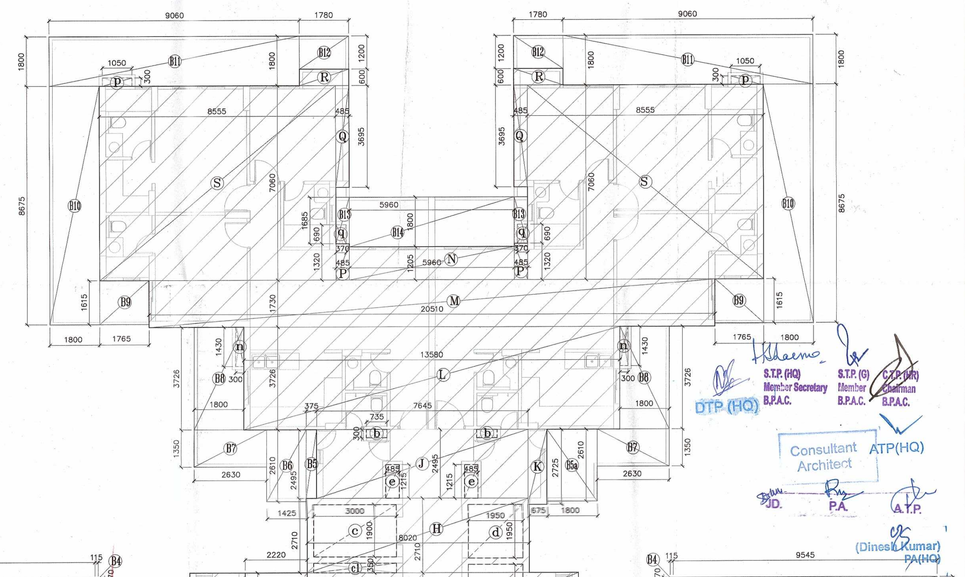
TOWER-T3			
TOTAL BUILT UP AREA (F.A.R.+NON F.A.R.)			
TOWER (F.A.R.)	=	13,487.768	SQ.M.
STILT (NON F.A.R.)	=	494.894	SQ.M.
STAIR (NON F.A.R.)	=	884.153	SQ.M.
BALCONY (NON F.A.R.)	=	5,696.168	SQ.M.
MUMTY (NON F.A.R.)	=	61.369	SQ.M.
O.H.W.T. (NON F.A.R.)	=	116.724	SQ.M.
TOTAL	=	20,741.076	SQ.M.

REQUIRED REFUSE AREA CALCULATION									SQ.M
(	18TH FL	+	19TH FL	)	12.50	) X	0.3	) + 0.9	=
(	512.755	x	512.755	)	12.50	) X	0.3	) + 0.9	= 25.512

PROPOSED REFUSE AREA CALCULATION							SQ.M
(	3.870	X	5.830	)		=	22.562
(	4.330	X	0.765	)		=	3.312
					TOTAL	=	25.875







TOWER- T3							
TYP FLOOR (1st TO 26th FL) AREA CAL (F.A.R.)							
S.NO.	No.		LENGTH		WIDTH		REMARK
A	2	x	3.775	x	2.480	=	18.724
B	2	x	11.210	x	7.045	=	157.949
C	2	x	3.465	x	1.630	=	11.296
D	1	x	6.595	x	3.350	=	22.093
E	1	x	3.260	x	2.480	=	8.085
F	1	x	3.565	x	3.350	=	11.943
G	1	x	14.030	x	5.690	=	79.831
H	1	x	8.020	x	2.710	=	21.734
J	1	x	7.645	x	2.495	=	19.074
K	1	x	0.675	x	2.725	=	1.839
L	1	x	13.580	x	3.726	=	50.599
M	1	x	20.510	x	1.730	=	35.482
N	1	x	5.960	x	1.205	=	7.182
P	2	x	0.485	x	1.320	=	1.280
Q	2	x	0.485	x	3.695	=	3.584
R	2	x	1.780	x	0.600	=	2.136
S	2	x	8.555	x	7.060	=	120.797
TOTAL						=	573.628

DEDUCATION AREAS							
a	2	x	1.650	x	1.135	=	3.746
b	2	x	0.735	x	0.300	=	0.441
c	1	x	3.000	x	1.900	=	5.700
c1	1	x	3.000	x	0.350	=	1.050
d	3	x	1.950	x	1.950	=	11.408
e	2	x	0.485	x	1.215	=	1.179
f	1	x	2.220	x	3.030	=	6.727
g	1	x	3.230	x	2.800	=	9.044
h	1	x	1.325	x	0.570	=	0.755
i	1	x	2.110	x	0.685	=	1.445
i1	1	x	1.670	x	0.685	=	1.144
k	1	x	3.030	x	3.350	=	10.151
l	1	x	3.260	x	2.480	=	8.085
TOTAL						=	60.873

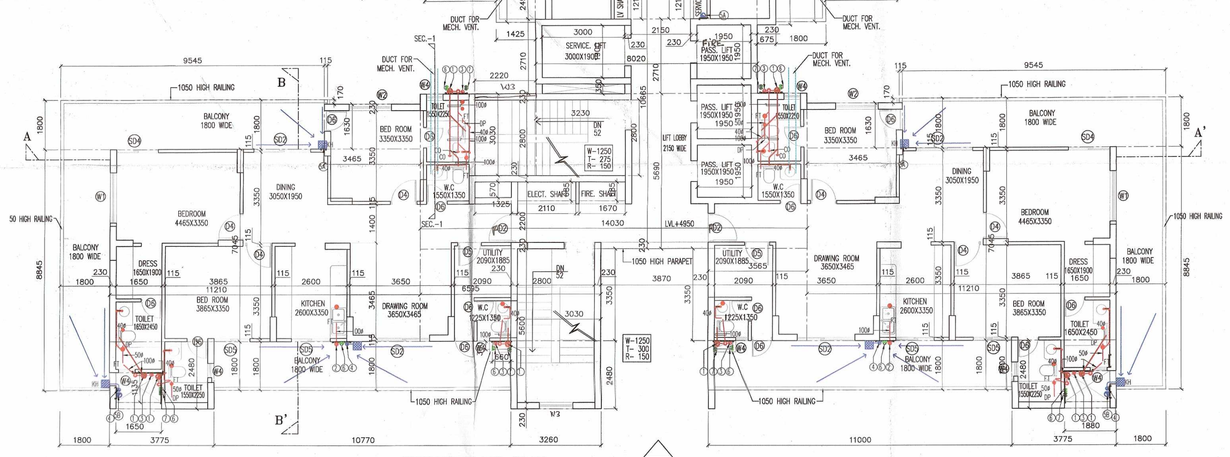
NET TYP FLOOR AREA				
	=	573.628	- 60.873 =	512.755

BALCONY AREA 1st TO 26th (NON F.A.R.)							
B1	1	x	10.770	x	1.800	=	19.386
B1a	1	x	11.000	x	1.800	=	19.800
B2	2	x	1.800	x	8.845	=	31.842
B3	2	x	9.545	x	1.800	=	34.362
B4	2	x	0.115	x	0.170	=	0.039
B5	1	x	0.375	x	2.495	=	0.936
B5a	1	x	1.800	x	2.610	=	4.698
B6	1	x	1.425	x	2.610	=	3.719
B7	2	x	2.630	x	1.350	=	7.101
B8	2	x	1.800	x	3.726	=	13.414
B9	2	x	1.765	x	1.615	=	5.701
B10	2	x	1.800	x	8.675	=	31.230
B11	2	x	9.060	x	1.800	=	32.616
B12	2	x	1.780	x	1.200	=	4.272
B13	2	x	0.485	x	1.685	=	1.634
B14	1	x	5.960	x	1.800	=	10.728
TOTAL						=	221.478

DEDUCATION AREAS (SHAFTS)							
m	2	x	0.660	x	0.300	=	0.396
n	2	x	0.300	x	1.430	=	0.858
o	2	x	0.370	x	0.690	=	0.511
q	2	x	1.050	x	0.300	=	0.630
TOTAL						=	2.395

NET BAL AREA	=	221.478	-	2.395	=	219.083

STAIRCASE AREA CAL (NON F.A.R.) 1st TO 26th							
S.NO.	No.		LENGTH		WIDTH		REMARK
f	1	x	2.220	x	3.030	=	6.727
g	1	x	3.230	x	2.800	=	9.044
k	1	x	3.030	x	3.350	=	10.151
l	1	x	3.260	x	2.480	=	8.085
TOTAL						=	34.006



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

RAIN WATER PIPES DETAILS -TOWER-3,4 & 5								
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 100Ø 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 150Ø PIPE ONE TOWER	PROVIDED TOTAL NOS. OF RAIN WATER PIPE (150MM DIA)	SIZE OF RAIN WATER PIPE (MM DIA) ONE TOWER
TOWER-T3,T4,T5	S+25 & S+26	3	510	3	3	100	4	4	150

OVER HEAD TANK DETAILS -TOWER-3,4 & 5											
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-T3	S+26	1	3BHK + SERVANT+UTILITY	104 52 SER. UNIT	104	(104X5) + (52X2) = 624	624	107640	107640	53820	34983 SAY 35 KL	65	18837 SAY 19KL	50	10KL
BLOCK-T4	S+26	1	3BHK+UTILITY	104	104	(104X5) = 520	520	89700	89700	44850	29153 SAY 29 KL	50	15698 SAY 16KL	40	10KL
BLOCK-T5	S+25	1	3BHK+UTILITY	100	100	(100X5) = 500	500	86250	86250	43125	28031 SAY 28 KL	50	15094 SAY 15KL	40	10KL

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 (600X600 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 / B 100/150
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.

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

CLIENT'S SIGN
For ADORE PROPMART LLP
Authorized Signatory

DD(HQ) Member B.P.A.C.

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.

Checked and found ok for Public Health (Internal) Service only subject to comments in forwarding letter No. 33813 dt. 12/12/2024

BUILDING NO.
TOWER-T3

Superintending Engineer (HQ) for Chief Engineer-I
HSVP, Panchkula

SHEET TITLE
TOWER-T3 (PLANS & AREA CALCULATION)

DEALT	SCALE	JOB NO
S.K.	1 : 100	
CHECKED	DATE	DRG. NO
B.K.		GH-SD- 10

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