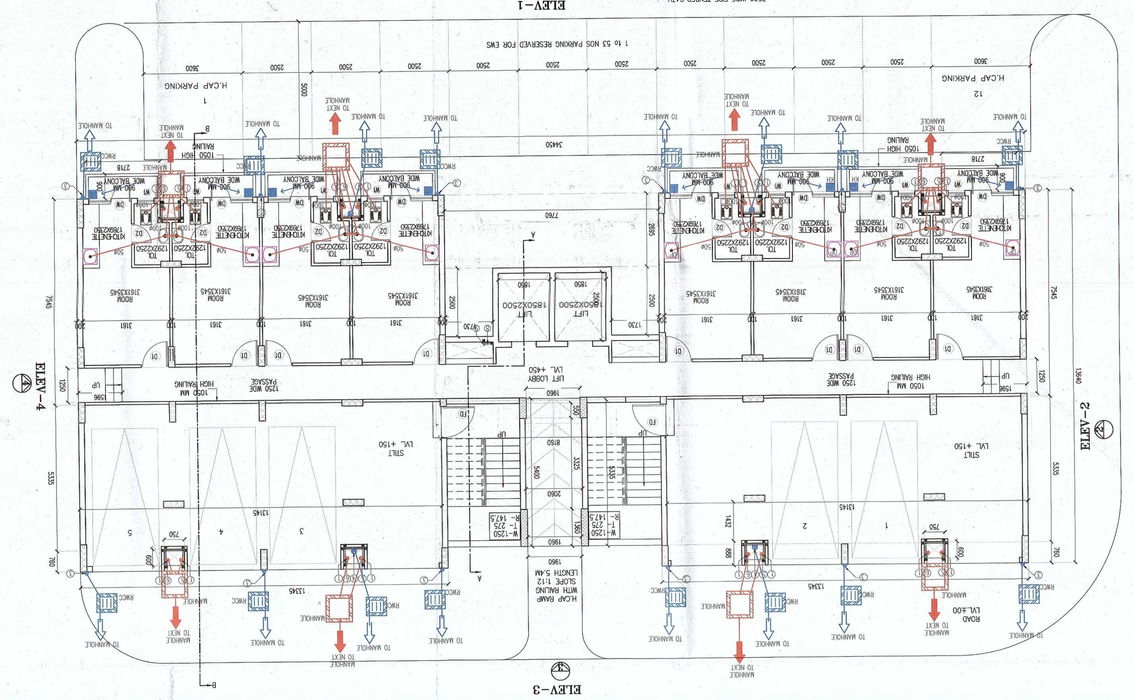
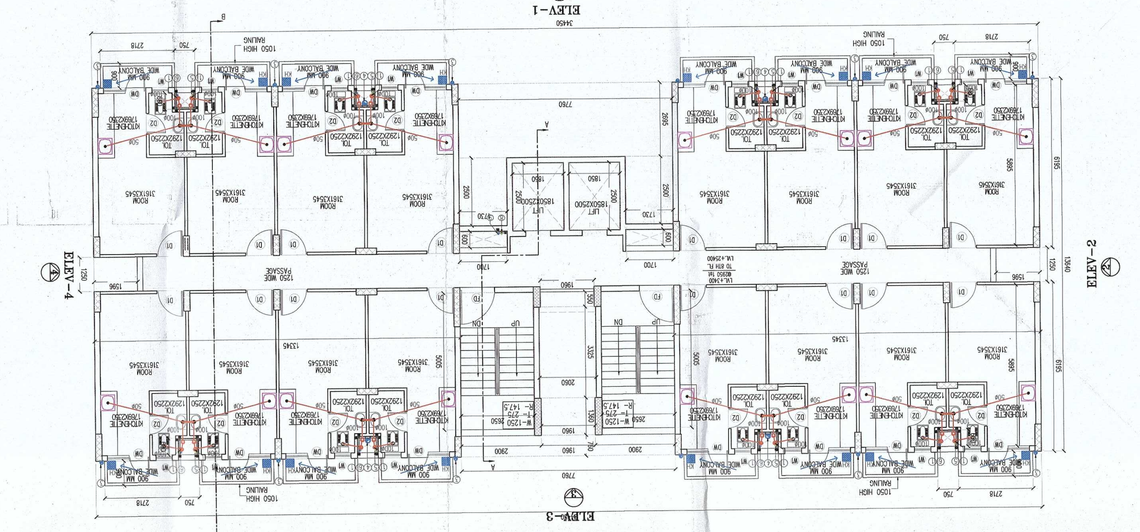
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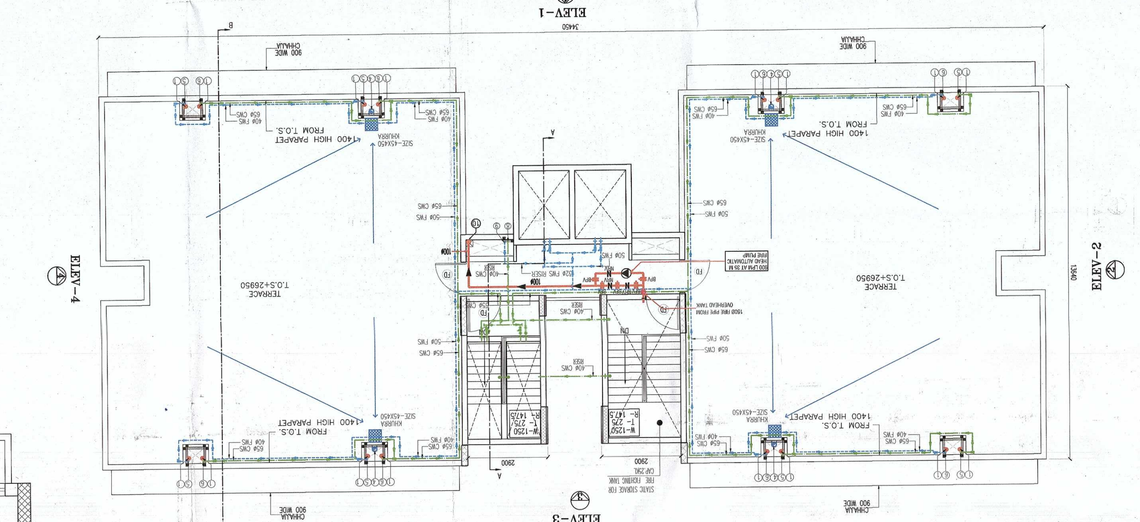


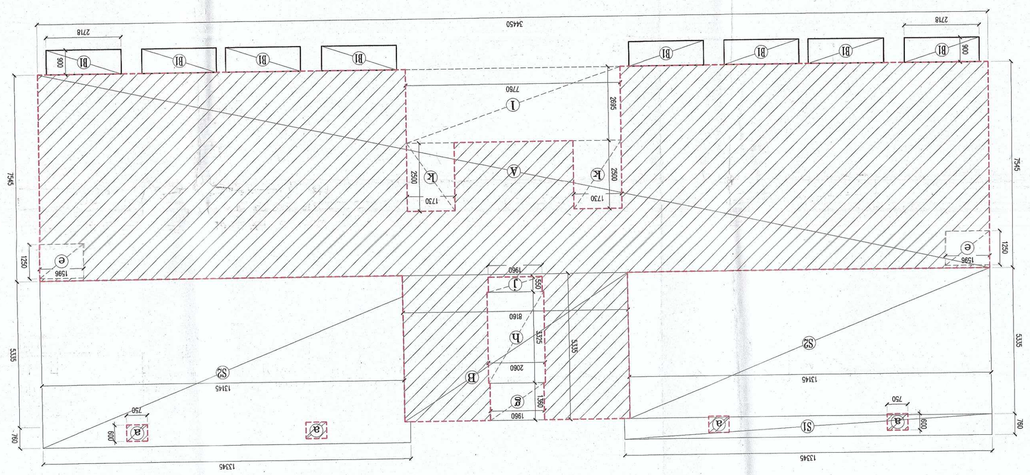
SCHEDULE OF OPENING				
TYPE	SIZE	CILL LINTEL		REMARK
D	1200X2100	--	2100	DOOR
D1	1000X2100	--	2100	DOOR
D2	750X2100	--	2100	TOILET
DW	1535X2450	1200	2450	DOOR
W	1200X1200	1200	2450	TOILET
WT	600X1200	--	2100	STAIRS

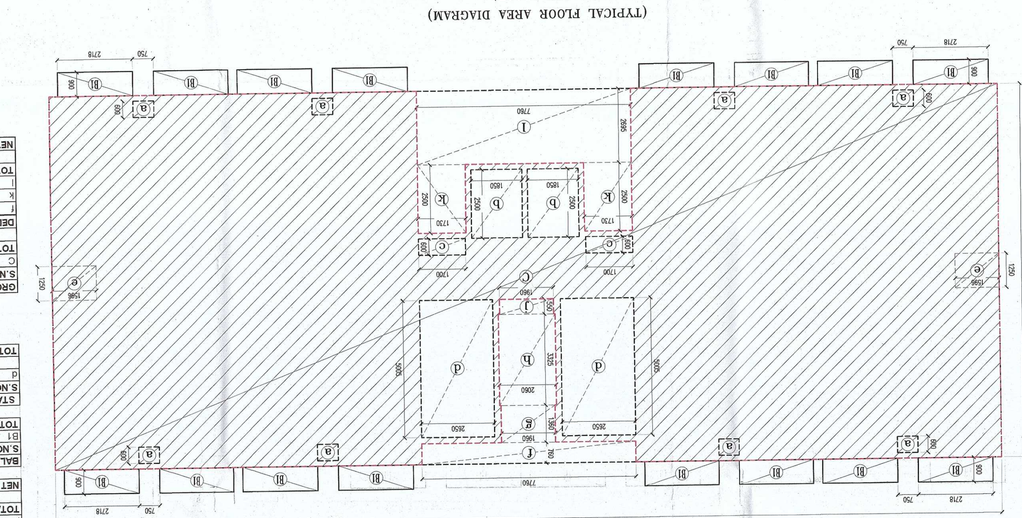
(TYPICAL FLOOR)
(FIRST TO 6TH FLOOR)

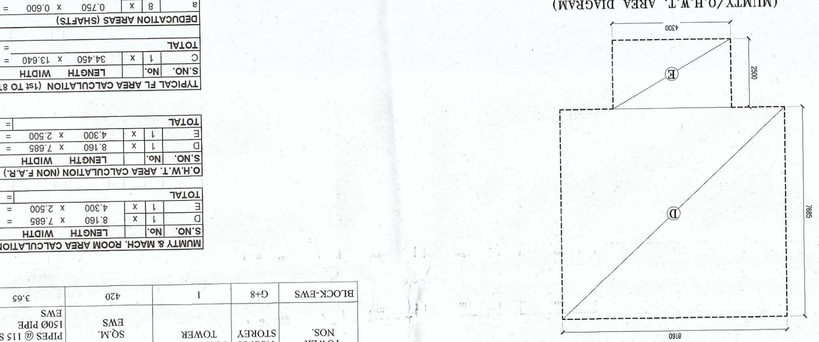


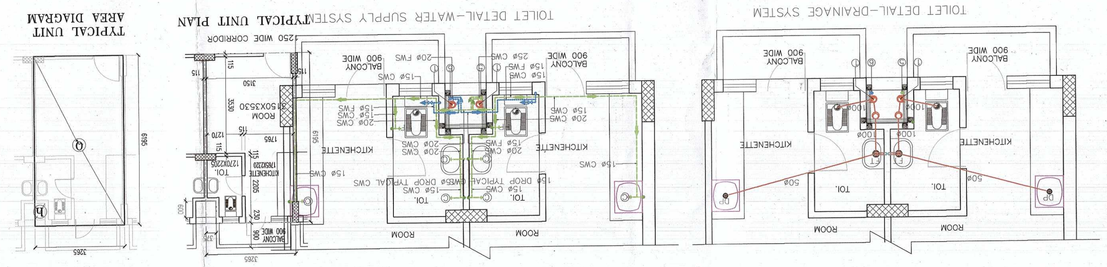
TERRACE PLAN











OVER HEAD TANK DETAILS -TOWER-EWS												
TOWERWISE WATER REQUIREMENT AND SCHEDULE OF OVER HEAD WATER STORAGE TANKS (DOMESTIC + FLUSHING)												
TOWER NOS.	NOS. OF STOREY	TOTAL NOS OF TOWER	TYPE OF FLOOR TYPICAL FLOOR	TOTAL NOS. OF FLT. IN ONE TOWER	TOTAL NOS. OF FLT. IN TOWER	POPULATION @ 3 Persons/FLT(EWS) & 5 Persons/FLT(S&R)	TOTAL OF POPULATION @	TOTAL WATER REQUIREMENT @ 172.5 LPCD	TOTAL WATER REQUIREMENT TOWER	OVER HEAD WATER STORAGE	TOTAL HALF DAY DOMESTIC STORAGE @50% OF TOTAL DOM.	OVER HEAD WATER STORAGE @ 35% OF TOTAL DOM.
BLOCK:EWS	G+8	1	EWS	136	136	136	(136X2) =272	46920	46920	24460	15249 SAY 15 KL	40 (MIN)
TOWER	8	1	1	1	1	136	272	46920	(LTR)	(LTR)	(LTR)	(LTR)
TOTAL												

SCHEDULE OF PIPES		
SL. NO.	DESCRIPTION	DIA (mm)
1	SOIL, WASTE & VENT PIPE	100
2	WASTE & VENT PIPE	100
3	RAIN WATER PIPE FOR BALCONY	
4	RAIN WATER PIPE FOR TERRACE	
5	CWS DROP FROM CHT	
6	CWS DROP FROM CHT	
7	FWS DROP FROM CHT	
8	COLD WATER RISER TO CHT	
9	FLUSHING WATER RISER TO CHT	
10	DOWN COMER FOR FIRE HYDRANTS SYSTEM	100

* AS PER WATER SUPPLY DISTRIBUTION DIAGRAM.

LEGEND	
DESCRIPTION	LEGEND
SOIL, WASTE AND VENT PIPE	①
WASTE AND VENT PIPE	②
VENT PIPE	③
RAIN WATER PIPE FOR BALCONY	④
RAIN WATER PIPE FOR TERRACE	⑤
COLD WATER SUPPLY DROP FROM O.H.T.	⑥
FLUSHING WATER SUPPLY DROP FROM O.H.T.	⑦
COLD WATER SUPPLY RISER TO O.H.T.	⑧
FLUSHING WATER SUPPLY RISER TO O.H.T.	⑨
FLOOR TRAP	FT
DRAIN POINT	DP
MANHOLE (300X600 MH)	MH
SOIL PIPE	
WASTE PIPE	CWS
COLD WATER SUPPLY	FWS
HOT WATER SUPPLY	HWS
FLUSHING WATER SUPPLY	
ISOLATING VALVE	
MANHOLE (600X600 MH)	MH
RAIN WATER COLLECTION CHAMBER	RWCC

NOTES:-

1. ALL PIPE SHALL BE AS PER APPROVED ARCHITECTURAL, STRUCTURAL AND OTHER SERVICES DRAWINGS.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ANY RELEVANT ARCHITECTURAL, STRUCTURAL AND OTHER SERVICES DRAWINGS.
3. WATER REQUIRED TO FLUSH MOUNTED SANITARYWARE SHALL BE ARRANGED TO FLUSH AGAINST THE MINIMUM SPECIFIED HEADS AS SELECTED MAKES AND MODELS.
4. SOIL, WASTE & VENT AND RAIN WATER PIPE WORK.
5) ALL WASTE PIPE WORK FROM URINALS & WASH BASINS SHALL BE IN PIPES AND WITHOUT CONFORMING TO IS: 13592 - TYPE - B PRESSURE RATING AND CONFORMING TO IS: 4985 OR AS SPECIFIED IN CAMEO OR AN APPROVED EQUAL UPVC PIPES AND FITTINGS OF A MAKE.
6) ALL WASTE PIPE WORK SHALL BE CAMEO OUT IN UPVC PIPES AND BILL OF QUANTITIES.
7) RAIN WATER PIPE WORK SHALL BE CAMEO OUT IN UPVC PIPES AND FITTINGS CONFORMING TO IS: 13592 - TYPE - A AND IS: 4985 AS SPECIFIED IN BILL OF QUANTITIES.
8) FLOOR TRAPS:- ALL FLOOR TRAPS SHALL BE FORMED OF 110X110 MM SIZE MADE OF 16 GAUGE STAINLESS STEEL WITH REMOVABLE PERFORATED GRATING AS PER STANDARD DETAIL.
9) DRAIN POINTS:- DRAIN POINT SHALL BE FORMED WITH 110X63 MM TRAP NOT MORE THAN 3.5 INCH HIGH AND PROVIDED WITH 12 MM DIA C.P. GRATING WITH P-TRAP.
10) SHAFTS:- ALL SHAFTS SHALL BE PROVIDED WITH 12 MM THICK RCC SLAB AT EVERY FLOOR LEVEL AND POINTED WITH CEMENT MORTAR 1:3 AND FINISHED SMOOTH.
11) ALL COLD WATER SUPPLY PIPE WORK RUNNING IN TOILETS ARE TO BE CONCEALED IN WALLS AND FITTINGS (SCH-11 UP TO 2 INCH DIA.) AND WITH IN SHAFT ARE UPVC SCH -40 PIPES AND FITTINGS, OR AS SPECIFIED IN BILL OF QUANTITIES.
12) ALL COLD WATER SUPPLY PIPE WORK RUNNING ON TERRACE SHALL BE CONCEALED OUT IN GI INCIDENTAL CLASS PIPES AND FITTING CONFORMING TO RELEVANT IS CODE.
13) ALL HOT PIPE SUPPLY PIPES WORK RUNNING ON TERRACE IN SHAFT AND WITH IN TOILETS SHALL BE CAMEDD OUT IN CPVC PIPES AND FITTINGS (SCH-11 UP TO 2 INCH DIA).
14) NO PIPE WORK SHALL BE CONCEALED IN WALLS OR SLABS IN DIRECTION OF THE BITE GRAINERS.
15) ALL HOT WATER PIPES CONCEALED IN WALLS SHALL BE INSULATED WITH 9 MM THICK PREFOAMED PIPES SLEEVE OF EXTENDED POLYURETHANE FOAM.
16) ALL WATER SUPPLY CONNECTION TO EACH TOILET SHALL BE TAKEN FROM FIXTURES/FAUCETS SHALL BE TAKEN IN VERTICAL DROPS FOR CERAMIC/FLUSH TANK AND HORIZONTAL FOR WASH BASIN.
17) PIPES ON TERRACE SHALL BE SUPPORTED ON CONCRETE/BRICK PEDESTALS AT EVERY CHANGE OF DIRECTION AND AT MAXIMUM OF 1500 MM. C/C DISTANCE IN STRAIGHT RUNS.

ARCHITECT'S SIGN

BHUPENDER KUMAR
ARCHITECT
CA/2000/20378

CLIENT'S SIGN

For ADORE ROHTART LLP
Authorised Signatory

PROJECT

REVISED/PROPOSED 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 ROHTART LLP.

BUILDING NO.

F.W.S

SHEET TITLE

GROUND FLOOR & TERRACE PLAN & AREA CALCULATION

SCALE	1 : 100	JOB NO
DRAWN BY	CHECKED BY	DWG NO
B.K.	S.K.	GH-SD-19(R1)

ARCHITECT

SAHKO CONSULTANTS LLP
FLOOR, TOWER-4, ASSOTECH
1100 (1st) UNIT NO. 1001, 10th
BUSSINESS, CRESTERRA, PLOT NO. 22,
SECTOR-135, NOIDA, U.P.-201305
email : sahkoconsultants@gmail.com

OVER HEAD TANK DETAILS -TOWER-EWS												
TOWERWISE WATER REQUIREMENT AND SCHEDULE OF OVER HEAD WATER STORAGE TANKS (DOMESTIC + FLUSHING)												
TOWER NOS.	NOS. OF STOREY	TOTAL NOS OF TOWER	TYPE OF FLOOR TYPICAL FLOOR	TOTAL NOS. OF FLT. IN ONE TOWER	TOTAL NOS. OF FLT. IN TOWER	POPULATION @ 3 Persons/FLT(EWS) & 5 Persons/FLT(S&R)	TOTAL OF POPULATION @	TOTAL WATER REQUIREMENT @ 172.5 LPCD	TOTAL WATER REQUIREMENT TOWER	OVER HEAD WATER STORAGE	TOTAL HALF DAY DOMESTIC STORAGE @50% OF TOTAL DOM.	OVER HEAD WATER STORAGE @ 35% OF TOTAL DOM.
BLOCK:EWS	G+8	1	EWS	136	136	136	(136X2) =272	46920	46920	24460	15249 SAY 15 KL	40 (MIN)
TOWER	8	1	1	1	1	136	272	46920	(LTR)	(LTR)	(LTR)	(LTR)
TOTAL												

RAIN WATER PIPES DETAILS -TOWER-EWS					
TOWERWISE TERRACE AREA DETAIL AND RAIN WATER PIPE SCHEDULE					
TOWER NOS.	NOS. OF STOREY	TOTAL NOS. OF TOWER	TERRACE AREA REQUIRED NO. OF SQ.M. PIPES @ 115 SQM. FOR EWS	1500 PIPE (150MM DIA)	SIZE OF RAIN WATER PIPE (MM DIA) ONE TOWER
BLOCK:EWS	G+8	1	420	3.65	4	150
TOWER	8	1	1	1	1	150
TOTAL						

EWS TOTAL BUILT UP AREA (F.A.R.+NON F.A.R.)		
TOWER (F.A.R)	=	3,288.623 SQ.M
STAIR (NON F.A.R.)	=	212.220 SQ.M
BALCONY (NON F.A.R.)	=	332.692 SQ.M
O.H.W.T. (NON F.A.R.)	=	73.460 SQ.M
MUMTY (NON F.A.R.)	=	73.460 SQ.M
STILT (NON F.A.R.)	=	156.743 SQ.M
TOTAL	=	4,138.197 SQ.M

EWS PARKING DETAIL		C.C.S.
STILT		5
SUFACE PARKING	1 TO 12	12
SUFACE PARKING	13 TO 29	17
SUFACE PARKING	30 TO 53	24
TOTAL		58

- WATER SUPPLY PIPE WORK-

AREA CALCULATION (GROUND FL.)(F.A.R.)					
S.NO.	No.	LENGTH	WIDTH		REMARK
A	1	34.450	X 7.545	=	259.925
B	1	8.160	X 0.325	=	43.534
C	1	34.450	X 0.600	=	20.670
D	1	4.300	X 2.500	=	10.750
E	1	8.160	X 7.685	=	62.710
TOTAL				=	397.589
NET STILT AREA = 397.589 - 158.743 - 1.800 = 236.846 SQ.M					

STILT AREA CALCULATION (GR FL. NON F.A.R.)					
S.NO.	No.	LENGTH	WIDTH		REMARK
S1	2	13.345	X 0.760	=	20.284
S2	2	13.145	X 3.325	=	140.257
TOTAL				=	160.542 X2
DEDUCTION AREAS (SHAFTS)					
S.NO.	No.	LENGTH	WIDTH		REMARK
1	4	0.750	X 0.600	=	1.800
TOTAL				=	1.800
NET STILT AREA = 160.542 - 1.800 = 158.743 X4					

BALCONY AREA CALCULATION (GROUND FL.)(F.A.R.)					
S.NO.	No.	LENGTH	WIDTH		REMARK
B	2	2.718	X 0.900	=	19.570
TOTAL				=	19.571 X2
BALCONY AREA CALCULATION (GR FL.) (NON F.A.R.)					
S.NO.	No.	LENGTH	WIDTH		REMARK
B1	2	2.718	X 0.900	=	19.570
TOTAL				=	44.146
NET AREA = 305.260 - 44.146 = 261.115 X1					
DEDUCTION AREAS (SHAFTS)					
S.NO.	No.	LENGTH	WIDTH		REMARK
1	1	7.760	X 2.685	=	20.913
2	1	1.730	X 2.500	=	4.650
3	1	1.960	X 0.550	=	1.078
4	1	2.060	X 3.325	=	6.850
5	1	1.960	X 1.360	=	2.666
6	4	0.750	X 0.600	=	1.800
TOTAL				=	38.957
NET AREA = 261.115 - 38.957 = 222.158 X3					

GROUND COVERAGE CALCULATION (NON F.A.R.)					
S.NO.	No.	LENGTH	WIDTH		REMARK
A	1	34.450	X 13.640	=	469.898
B	1	0.750	X 0.600	=	0.450
TOTAL				=	469.898 X5
NET G.R. COV. = 469.898 - 35.661 = 434.238 X6					

STAIR AREA CALCULATION (1st to 8th FL.)(NON F.A.R.)					
S.NO.	No.	LENGTH	WIDTH		REMARK
d	2	2.650	X 5.005	=	26.527
TOTAL				=	26.528 X10

BALCONY AREA CAL (TYP FL.)(1st to 8th) (NON F.A.R)					
S.NO.	No.	LENGTH	WIDTH		REMARK
B1	16	2.718	X 0.900	=	39.139 X9
TOTAL				=	39.140

NET AREA = 469.898 - 91.460 = 378.439 X8					
DEDUCTION AREAS (SHAFTS)					
S.NO.	No.	LENGTH	WIDTH		REMARK
a	8	0.750	X 0.600	=	3.600
b	2	1.850	X 2.500	=	9.250
c	2	1.700	X 0.600	=	2.040
d	2	2.650	X 5.005	=	26.527
e	2	1.960	X 1.360	=	5.332
f	1	2.740	X 0.760	=	2.082
g	2	1.596	X 1.250	=	3.990
TOTAL				=	52.821
NET AREA = 378.439 - 52.821 = 325.618 X7					

TYPICAL FL AREA CALCULATION (1st TO 8TH FL)					
S.NO.	No.	LENGTH	WIDTH		REMARK
A	1	34.450	X 13.640	=	469.898
TOTAL				=	469.898

O.H.W.T. AREA CALCULATION (NON F.A.R.)					
S.NO.	No.	LENGTH	WIDTH		REMARK
C	1	8.160	X 7.685	=	62.710
D	1	4.300	X 2.500	=	10.750
E	1	4.300	X 2.500	=	10.750
TOTAL				=	84.210
84.210 X12 = 1010.520					

MUMTY & MACH. ROOM AREA CALCULATION (NON F.A.R.)					
S.NO.	No.	LENGTH	WIDTH		REMARK
C	1	8.160	X 7.685	=	62.710
D	1	4.300	X 2.500	=	10.750
TOTAL				=	73.460
73.460 X11 = 808.060					

TYPICAL UNIT AREA					
S.NO.	No.	LENGTH	WIDTH		REMARK
Q	1	3.265	X 6.600	=	21.223
TOTAL				=	21.223
DEDUCTION AREAS (SHAFTS)					
n	1	0.75	X 0.600	=	0.225
TOTAL				=	0.225
NET AREA = 21.223 - 0.225 = 20.998 X13					

FLUSHING WATER SUPPLY
MANHOLE (600X600 MH)
ISOLATING VALVE
FLUSHING WATER SUPPLY
COLD WATER SUPPLY
HOT WATER SUPPLY
WASTE PIPE
SOIL PIPE
FLOOR TRAP
GRAIN NONT
RAIN WATER COLLECTION CHAMBER

This is a PROVISIONAL BUILDING PLAN approved only for the purpose of availing Cheapeans from the Ground public

Director Secretary (T.C.P.(HQ)) Chandigarh

Director (T.C.P.(HQ)) Chandigarh

ATP(HQ) DD(HQ) PA A.T.P

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