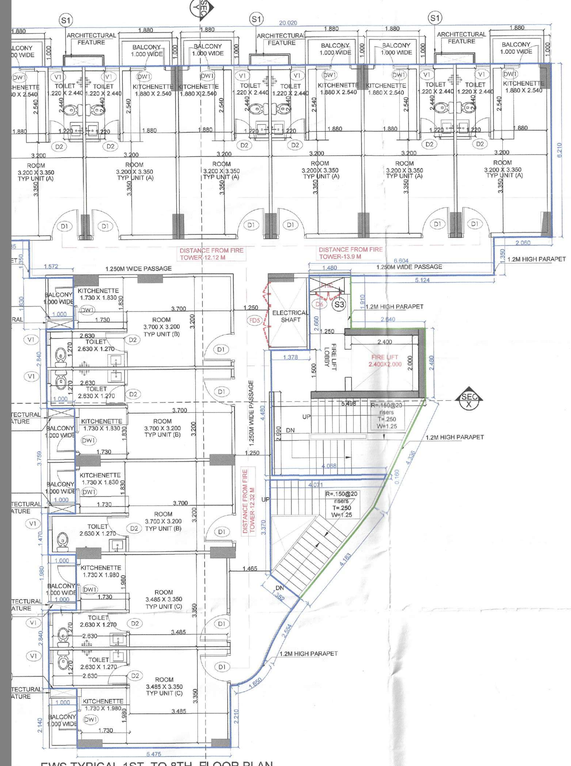
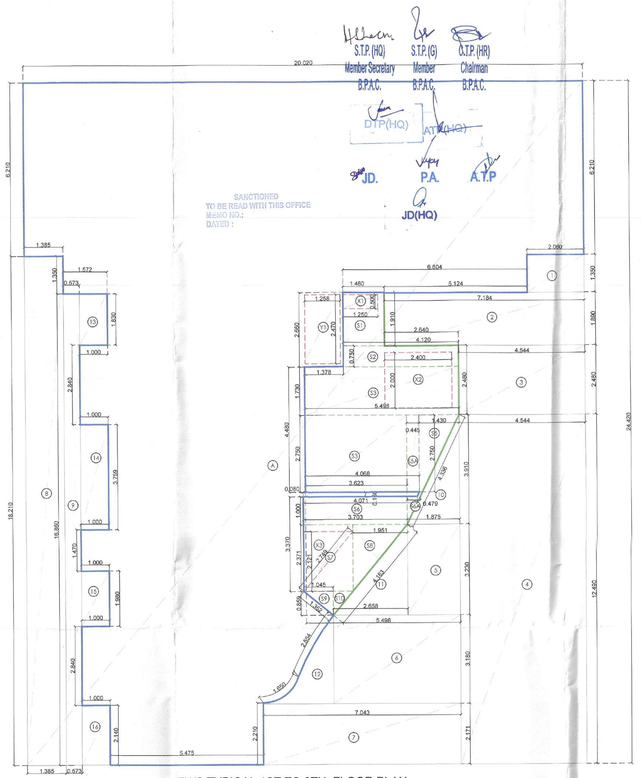


EWS TYPICAL 1ST TO 8TH FLOOR PLAN
(88 UNITS)



EWS TYPICAL 1ST TO 8TH FLOOR PLAN
(88 UNITS) AREA DIAGRAM

EWS FAR AREA AT TYPICAL (1ST TO 8TH FLOOR)

(All Distances are in Meter & Areas in Sqm)

ADDITIONS (A)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
A	1	20.020	24.420	488.888
TOTAL				488.888

DEDUCTION (B)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
1	1	2.060	1.350	2.781
2	1	7.184	1.890	13.578
3	1	4.544	2.480	11.269
4	1	4.544	12.490	56.755
5	1	1.875	3.230	6.056
6	1	4.533	3.180	14.415
7	1	7.043	2.171	15.290
8	1	1.385	18.210	25.221
9	1	0.573	16.860	9.661
10	1	1.875	3.910	3.666
11	1	2.658	3.230	4.293
12	1	P.LINE		3.144
13	1	1.000	1.830	1.830
14	1	1.000	3.759	3.759
15	1	1.000	1.980	1.980
16	1	1.000	2.140	2.140
Y1	1	1.258	2.470	3.107
TOTAL				178.944

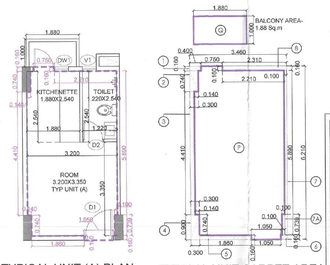
NON FAR - STAIRCASE, FIRE TOWER (C)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
S1	1	1.480	1.910	2.827
S2	1	4.120	0.750	3.090
S3	1	5.498	1.730	9.512
S4	1	3.623	2.750	9.963
S5	1	1.430	2.750	1.966
S5A	1	0.445	2.750	1.224
S6	1	3.703	1.000	3.703
S6A	1	1.000	0.479	0.240
S7	1	1.752	2.371	4.154
S8	1	1.951	2.371	2.313
S9	1	1.045	0.859	0.449
S10	1	0.707	0.859	0.304
TOTAL(C)				39.743

DEDUCTIUONS FROM NON FAR - SHAFTS (D)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
X1	1	1.250	0.500	0.625
X2	1	2.400	2.000	4.800
X3	1	1.752	2.121	1.858
TOTAL(D)				7.283

TOTAL NON FAR AREA CALCULATION = (C - D)				32.460
TOTAL FAR AREA CALCULATION = (ADDITION-(A) - DEDUCTION (B+C)=				
488.888	-	216.688	=	270.201
			270.201	SQ.MT



TYPICAL UNIT (A) PLAN

TYPICAL UNIT CARPET AREA DIAGRAM

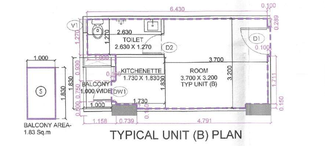
DOOR WINDOW SCHEDULE - EWS					
TYPE	WIDTH	HEIGHT	SILL LVL	LINTEL LVL	REMARKS
D1	1050	2275	± 00	2275	ROOMS 1 HR. FIRE RATED DOOR
D2	750	2100	± 00	2100	TOILET
FDS	1050	2175	100	2275	2HR. FIRE DOOR
V1	600	1225	1050	2275	TOILET
DW1	1250	2275	1050/± 00	2275	EXTERNAL DOOR
W2	600	1375	900	2275	LOBBY
W3	1250	1375	900	2275	LOBBY
D6	1200	2175	100	2275	FHC

TYPICAL UNIT - CARPET AREA (A)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
P	1	3.480	6.210	21.491
TOTAL				21.491
DEDUCTION (B)				
1	1	0.430	0.160	0.094
2	1	0.740	0.300	0.222
3	1	0.180	4.410	0.794
4	1	0.300	0.690	0.270
5	1	1.880	0.160	0.299
6	1	0.250	0.190	0.047
7	1	0.100	5.890	0.589
7A	1	0.100	0.739	0.074
8	1	2.310	0.180	0.370
TOTAL				2.822

TOTAL CARPET AREA CALCULATION = ADDITION(A) - DEDUCTION (B)=

= 18.655 SQMT

BALCONY AREA				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
Q	1	1.000	1.880	1.880



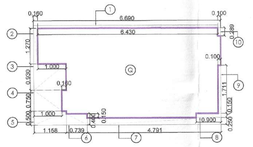
TYPICAL UNIT (B) PLAN

TYPICAL UNIT - CARPET AREA (B)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
Q	1	6.690	3.550	23.750
TOTAL				23.750
DEDUCTION (B)				
1	1	6.690	0.100	0.669
2	1	1.270	0.190	0.233
3	1	1.180	0.830	1.079
4	1	0.250	1.030	0.750
5	1	0.300	1.158	0.579
6	1	0.739	0.400	0.295
7	1	4.791	0.250	1.198
8	1	0.950	0.350	0.325
9	1	1.711	0.100	0.171
10	1	0.280	0.100	0.028
TOTAL				5.198

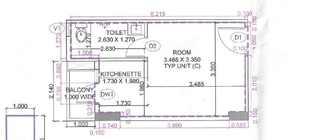
TOTAL CARPET AREA CALCULATION = ADDITION(A) - DEDUCTION (B)=

= 18.551 SQMT

BALCONY AREA				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
S	1	1.000	1.830	1.830



TYPICAL UNIT CARPET AREA (B) DIAGRAM



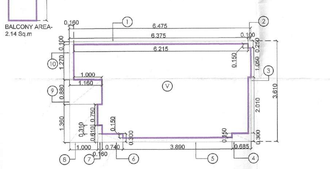
TYPICAL UNIT (C) PLAN

TYPICAL UNIT - CARPET AREA (C)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
V	1	6.475	3.913	22.279
TOTAL				22.279
DEDUCTION (B)				
1	1	6.375	0.100	0.638
2	1	3.250	0.100	0.325
3	1	2.010	0.100	0.201
4	1	0.300	1.665	0.500
5	1	3.890	0.165	0.642
6	1	0.740	0.300	0.222
7	1	0.610	0.160	0.098
8	1	1.310	1.030	1.349
9	1	0.900	0.190	0.171
10	1	1.270	0.190	0.203
TOTAL				4.622

TOTAL CARPET AREA CALCULATION = ADDITION(A) - DEDUCTION (B)=

= 18.762 SQMT

BALCONY AREA				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
T	1	1.000	2.140	2.140



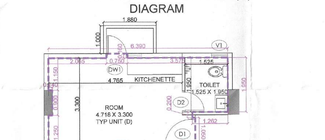
TYPICAL UNIT CARPET AREA (C) DIAGRAM

TYPICAL UNIT - CARPET AREA (D)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
Z	1	3.760	8.990	26.192
TOTAL				26.192
DEDUCTION (B)				
1	1	2.225	0.150	0.356
2	1	3.573	0.150	0.572
3	1	2.153	0.400	0.844
4	1	1.862	0.230	0.352
5	1	1.050	1.582	1.640
6	1	2.403	1.582	3.685
7	1	3.300	5.298	1.586
8	1	3.300	0.150	0.528
9	1	0.900	0.140	0.126
10	1	2.225	0.150	0.356
TOTAL				7.304

TOTAL CARPET AREA CALCULATION = ADDITION(A) - DEDUCTION (B)=

= 19.126 SQMT

BALCONY AREA				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
Y	1	1.000	1.880	1.880



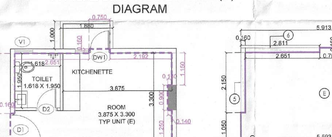
TYPICAL UNIT (D) PLAN

TYPICAL UNIT - CARPET AREA (E)				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
E	1	5.913	3.620	21.405
TOTAL				21.405
DEDUCTION (B)				
1	1	3.450	0.160	0.554
2	1	0.830	0.140	0.120
3	1	6.703	0.160	0.802
4	1	0.160	3.260	0.542
5	1	2.150	0.160	0.344
6	1	2.611	0.160	0.402
7	1	2.150	0.160	0.351
TOTAL				2.796

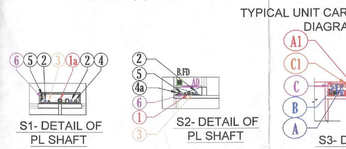
TOTAL CARPET AREA CALCULATION = ADDITION(A) - DEDUCTION (B)=

= 18.619 SQMT

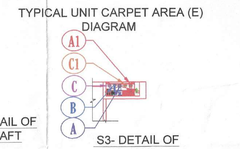
BALCONY AREA				
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
Y	1	1.000	1.880	1.880



TYPICAL UNIT CARPET AREA (D) DIAGRAM

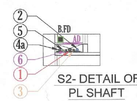


TYPICAL UNIT (E) PLAN

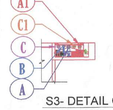


TYPICAL UNIT CARPET AREA (E) DIAGRAM

S1- DETAIL OF PL SHAFT



S2- DETAIL OF PL SHAFT



S3- DETAIL OF FHC SHAFT

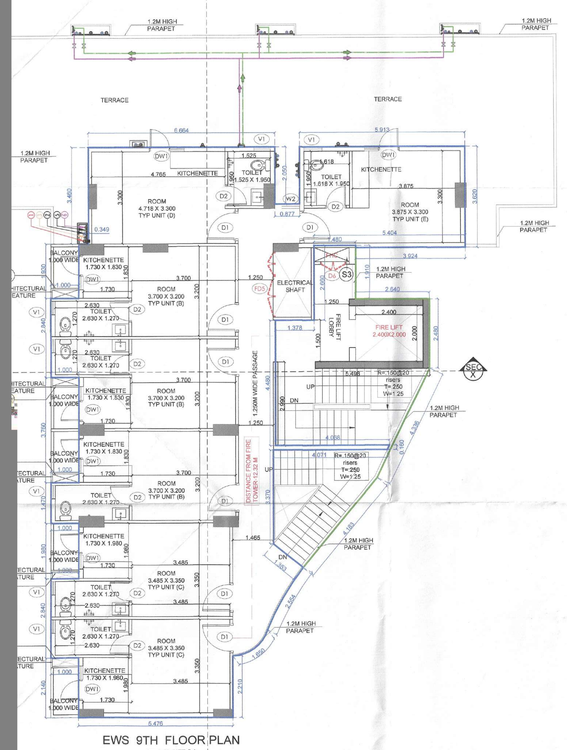
PLUMBING LEGEND :-	
1	110 OD SOIL VENT PIPE
1a	160 OD SOIL & WASTE PIPE
2	110 OD WASTE & VENT PIPE
3	75 OD VENT PIPE
4a	75 OD BALCONY DRAIN PIPE
4	110 OD RAIN WATER PIPE FOR TERRACE
5	DOMESTIC WATER SUPPLY DOWN TAKE PIPE
6	FLUSHING WATER SUPPLY DOWN TAKE PIPE
7	DOMESTIC WATER SUPPLY RISER PIPE
8	FLUSHING WATER SUPPLY RISER PIPE
BALCONY DRAIN	
ACCESS DOOR	AD
KHURRA 6405450	
VALVE	FV
STRAINER	FV
HOSE BIBB/RAIN VALVE	FV
BOTTOM/CP VALVE	
DOMESTIC WATER SUPPLY	FWS
FLUSHING WATER SUPPLY	FWS
CLEAN OUT PLUG	COP
FLOOR CLEAN OUT	FCO
FLOOR DRAIN	FD
FLOOR TRAP	FT

S.No.	FHC SHAFT PIPE LEGEND:-
A	100Ø HYDRANT PIPE FOR ZONE-1
A1	100Ø HYDRANT PIPE FOR ZONE-2
B	80Ø DRAIN PIPE
C	100Ø SPRINKLER PIPE FOR ZONE-1
C1	100Ø SPRINKLER PIPE FOR ZONE-2

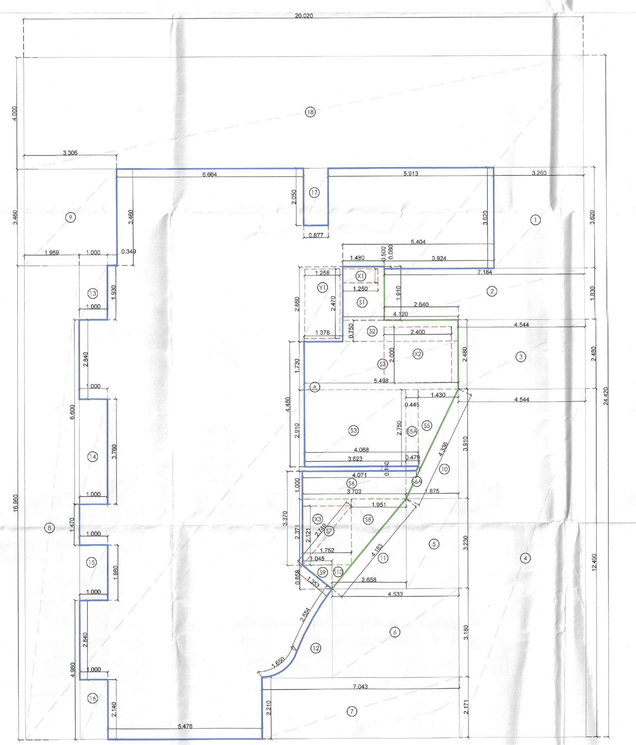
JD(HQ)
Member
BPAC

LEGEND SHAFT:-

S.No.	DESCRIPTION	SIZE
S1	PL SHAFT	1.340X 0.35
S1A	PL SHAFT	1.500X 0.35
S2	PL SHAFT	0.950X 0.30
S2A	PL SHAFT	1.87X 0.80
S3	FHC SHAFT	1.250X 0.50



EWS 9TH FLOOR PLAN
(7 UNITS)



EWS 9TH FLOOR PLAN
(7 UNITS) AREA DIAGRAM

EWS FAR AREA AT TYPICAL (9TH FLOOR)

(All Distances are in Meter & Areas in Sqm)

ADDITIONS (A)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
A	1	20.020	24.420	488.888
TOTAL				488.888

DEDUCTION (B)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
1	1	3.260	3.620	11.801
2	1	7.184	1.830	13.147
3	1	4.544	2.480	11.269
4	1	4.544	12.490	56.755
5	1	1.875	3.230	6.056
6	1	4.533	3.180	14.415
7	1	7.043	2.171	15.290
8	1	1.959	16.960	33.225
9	1	3.306	3.460	11.439
10	1	1.875	3.910	3.666
11	1	2.658	3.230	4.293
12	1	P.LINE		3.144
13	1	1.000	1.930	1.930
14	1	1.000	3.760	3.760
15	1	1.000	1.980	1.980
16	1	1.000	2.140	2.140
17	1	0.877	2.050	1.798
18	1	20.020	4.000	80.080
Y1	1	1.258	2.470	3.107
TOTAL				279.294

NON FAR - STAIRCASE, FIRE TOWER (C)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
S1	1	1.480	1.910	2.827
S2	1	4.120	0.750	3.090
S3	1	5.498	1.730	9.512
S4	1	3.623	2.750	9.963
S5	1	1.430	2.750	1.966
S5A	1	0.445	2.750	1.224
S6	1	3.703	1.000	3.703
S6A	1	1.000	0.479	0.240
S7	1	1.752	2.371	4.154
S8	1	1.951	2.371	2.313
S9	1	1.045	0.859	0.449
S10	1	0.707	0.859	0.304
TOTAL(C)				39.743

DEDUCTIUONS FROM NON FAR - SHAFTS (D)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
X1	1	1.250	0.500	0.625
X2	1	2.400	2.000	4.800
X3	1	1.752	2.121	1.858
TOTAL(D)				7.283

TOTAL NON FAR AREA CALCULATION = (C - D)				32.460
TOTAL FAR AREA CALCULATION = (ADDITION-(A) - DEDUCTION (B+C)=				
488.888	-	319.037	=	169.851
			169.851	SQ.MT

Note:-

1. BUILDING HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY NBC.
2. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVENT IS CODES FOR EARTH QUAKE RESISTANCE.
3. MECHANICAL VENTILATION WITH 100% POWER BACK-UP FOR SERVICE AREAS.

PROJECT:

PROPOSED GROUP HOUSING COLONY MEASURING 5.875 ACRES UNDER TOD POLICY DATED 09.02.2016(LICENSE NO. 50 OF 2019 DATED 07.03.2019) IN SECTOR -49, GURUGRAM BEING DEVELOPED BY ELAN ENCLAVE PRIVATE LIMITED UNDER COLLABORATION WITH V.A. AGRICULTURE PVT LTD

ARCHITECT'S SEAL & SIGNATURE	OWNER'S SEAL & SIGNATURE
GIAN P. MATHUR ARCHITECT B. Arch., M.C.A., I.I.A CA No. 80/5769	For ELAN ENCLAVE PRIVATE LIMITED

Checked and found ok for Public Health (Internal) Service only subject to comments in forwarding letter No. ..... Dt. .....

JUL 2025 Scale : 1:75

Drawing Title:- EWS 1ST FLOOR TO 8TH FLOOR PLAN & AREA DETAIL

Drawing No:- EWS-01