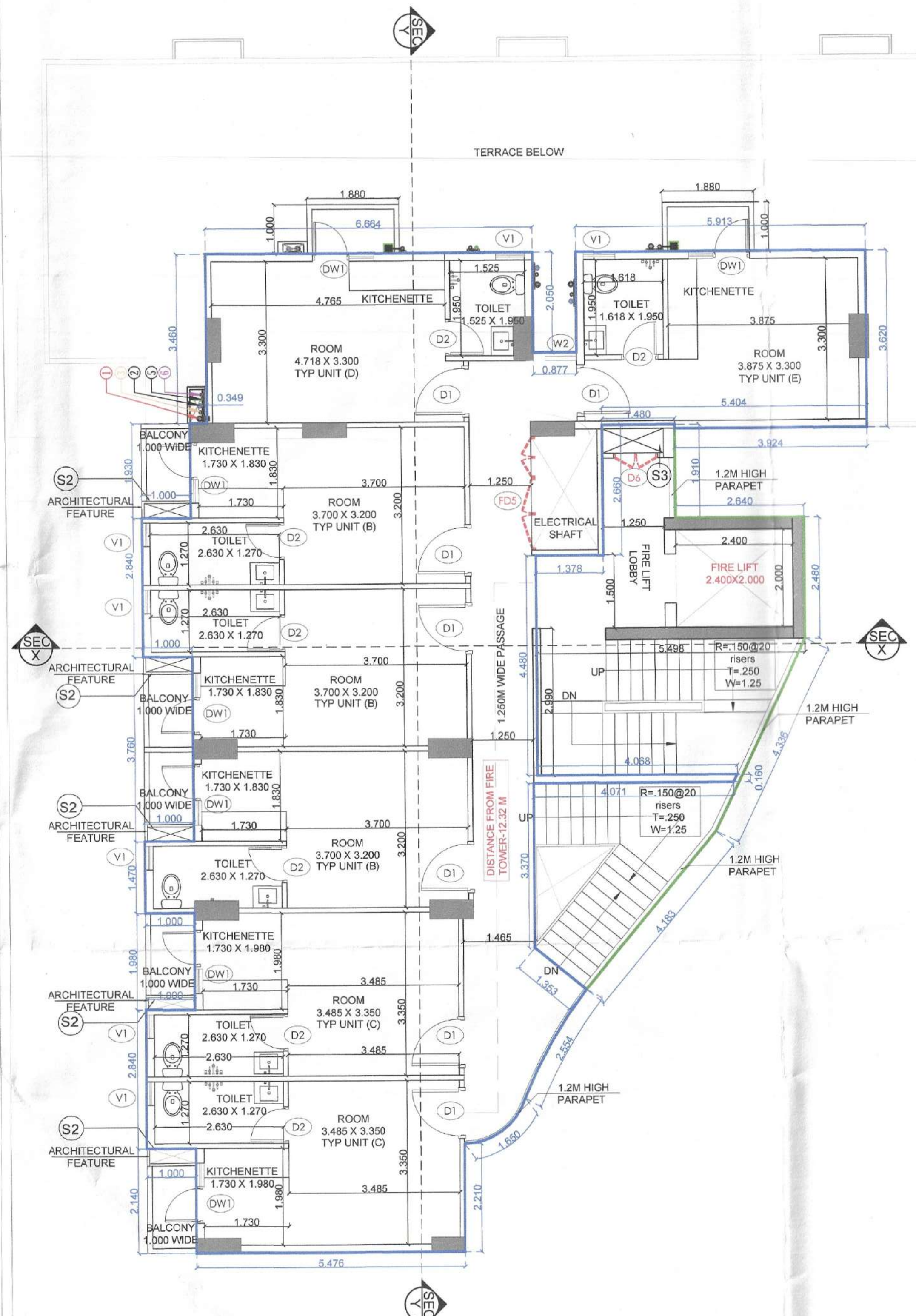
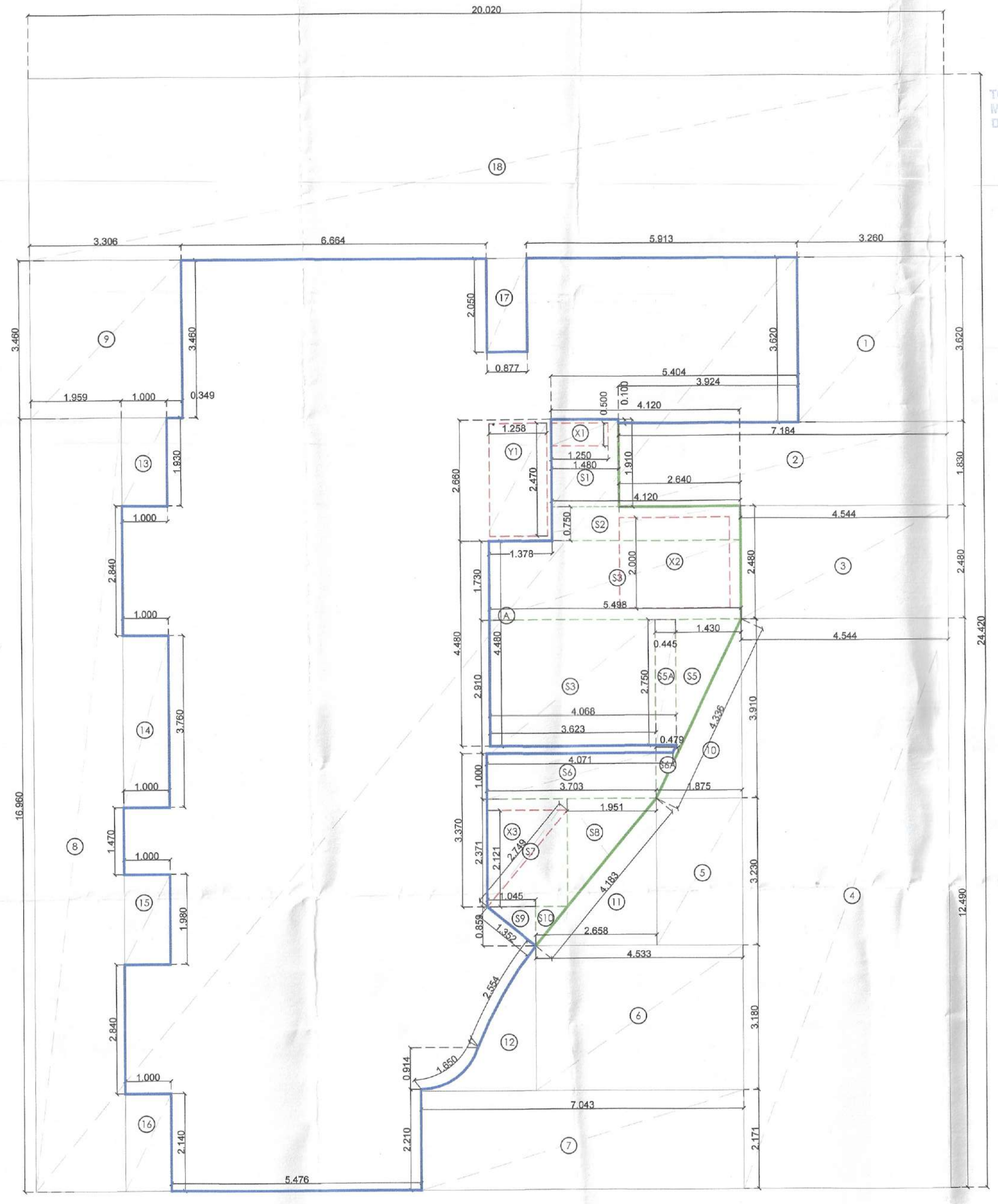
S.T.P. (HQ) Member Secretary B.P.A.C.
S.T.P. (G) Member B.P.A.C.
C.T.P. (HR) Chairman B.P.A.C.
DTP(HQ) ATP(HQ)
SANCTIONED
TO BE READ WITH THIS OFFICE
MEMO NO.:
DATED :
JD. P.A. A.T.P JD(HQ)



EWS TYPICAL 10TH TO 15TH FLOOR PLAN
(42 UNITS)


EWS TYPICAL 10TH TO 15TH FLOOR PLAN
(42 UNITS) AREA DIAGRAM

EWS FAR AREA AT TYPICAL (10TH-15TH 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	PLINE		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

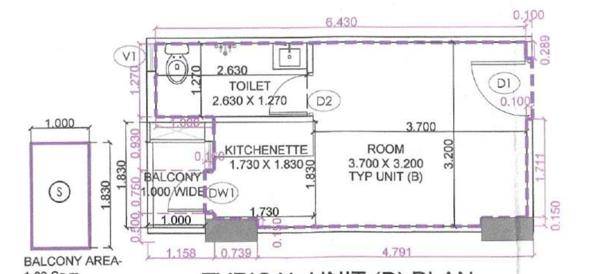
DEDUCTIUONS FROM NON FAR - SHAFTS (D)

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

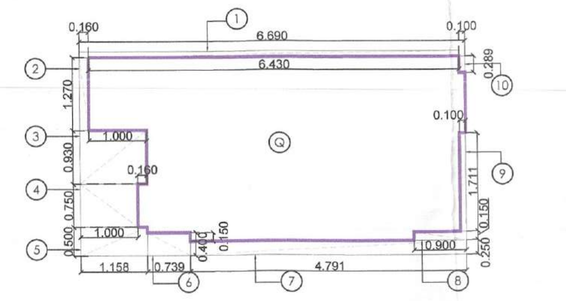
TOTAL NON FAR AREA CALCULATION = (C - D) 32.460

TOTAL FAR AREA CALCULATION = (ADDITION-(A) - DEDUCTION (B+C)=

488.888	-	319.037	=	169.851
			169.851	SQ.MT



TYPICAL UNIT (B) PLAN


TYPICAL UNIT CARPET AREA (B) DIAGRAM

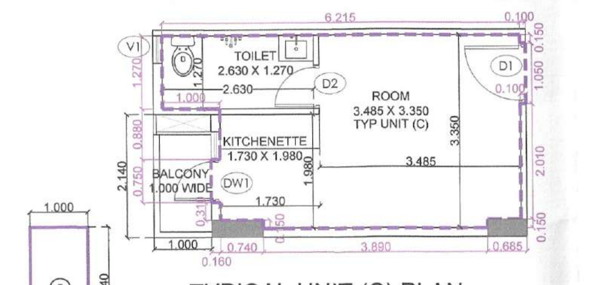
TYPICAL UNIT- CARPET AREA (B)

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	0.160	0.203
3	1	1.160	0.930	1.079
4	1	0.750	1.000	0.750
5	1	0.500	1.158	0.579
6	1	0.739	0.400	0.296
7	1	4.791	0.250	1.198
8	1	0.900	0.250	0.225
9	1	1.711	0.100	0.171
10	1	0.289	0.100	0.029
TOTAL				5.198

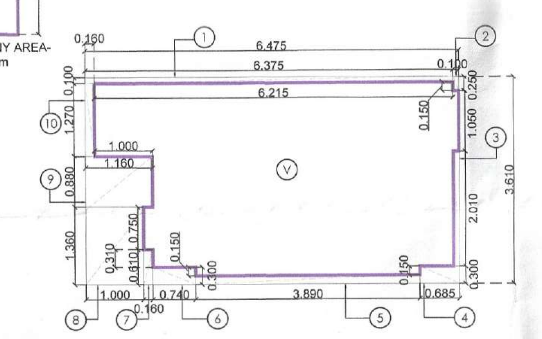
TOTAL CARPET AREA CALCULATION = ADDITION(A) - DEDUCTION (B)= 18.551 SQMT

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 (C) PLAN


TYPICAL UNIT CARPET AREA (C) DIAGRAM

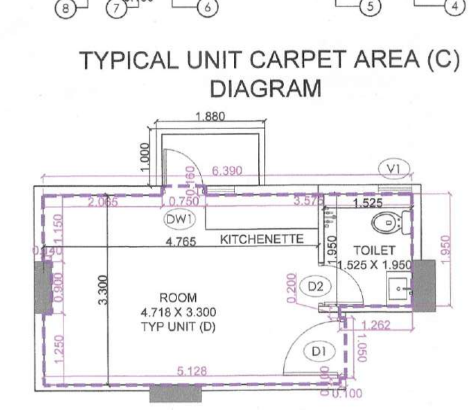
TYPICAL UNIT- CARPET AREA (C)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
V	1	6.475	3.610	23.375
TOTAL				23.375
DEDUCTION (B)				
1	1	6.375	0.100	0.638
2	1	0.250	0.100	0.025
3	1	2.010	0.100	0.201
4	1	0.300	0.685	0.206
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	1.000	1.310
9	1	0.930	1.160	1.079
10	1	1.270	0.160	0.203
TOTAL				4.622

TOTAL CARPET AREA CALCULATION = ADDITION(A) - DEDUCTION (B)= 18.752 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 (D) PLAN

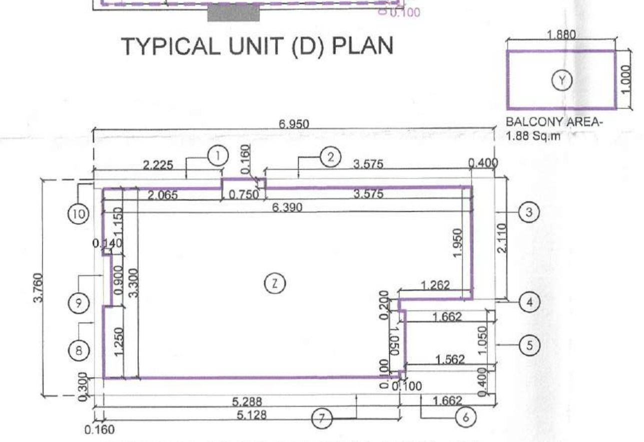
TYPICAL UNIT- CARPET AREA (D)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
Z	1	3.760	6.950	26.132
TOTAL				26.132
DEDUCTION (B)				
1	1	2.225	0.160	0.356
2	1	3.575	0.160	0.572
3	1	2.110	0.400	0.844
4	1	1.862	0.200	0.332
5	1	1.050	1.562	1.640
6	1	0.400	1.662	0.665
7	1	0.300	5.288	1.586
8	1	3.300	0.160	0.528
9	1	0.900	0.140	0.126
10	1	2.225	0.160	0.356
TOTAL				7.006

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 CARPET AREA (D) DIAGRAM

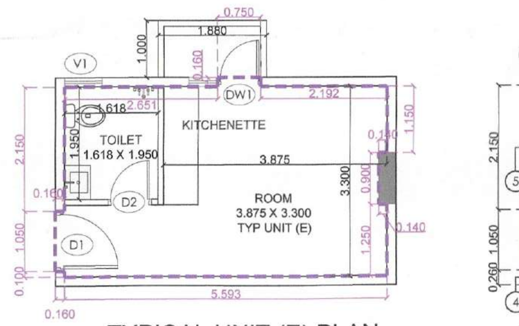
TYPICAL UNIT- CARPET AREA (E)

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	3.460	0.160	0.554
2	1	0.900	0.140	0.126
3	1	5.753	0.160	0.920
4	1	0.160	0.260	0.042
5	1	2.150	0.160	0.344
6	1	2.811	0.160	0.450
7	1	2.192	0.160	0.351
TOTAL				2.786

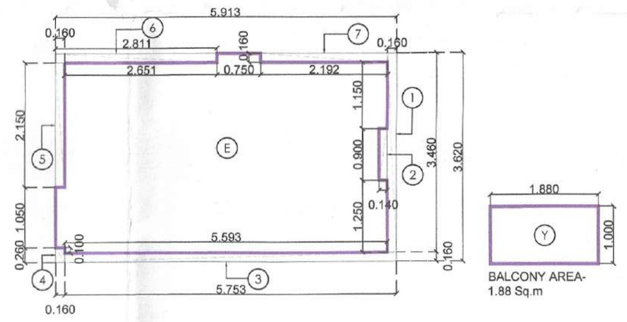
TOTAL CARPET AREA CALCULATION = ADDITION(A) - DEDUCTION (B)= 18.619 SQMT

BALCONY AREA

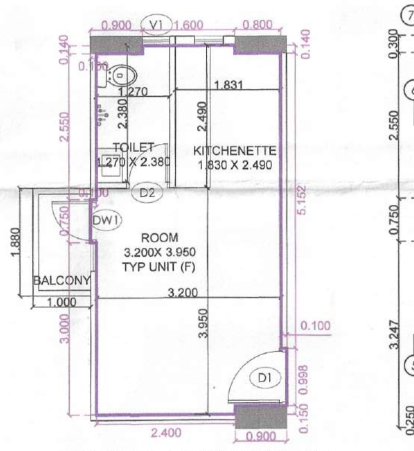
ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
Y	1	1.000	1.880	1.880



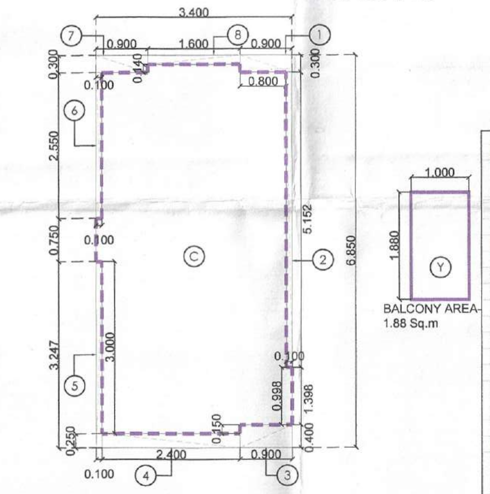
TYPICAL UNIT (E) PLAN



TYPICAL UNIT CARPET AREA (E) DIAGRAM



TYPICAL UNIT (F) PLAN



TYPICAL UNIT CARPET AREA (F) DIAGRAM

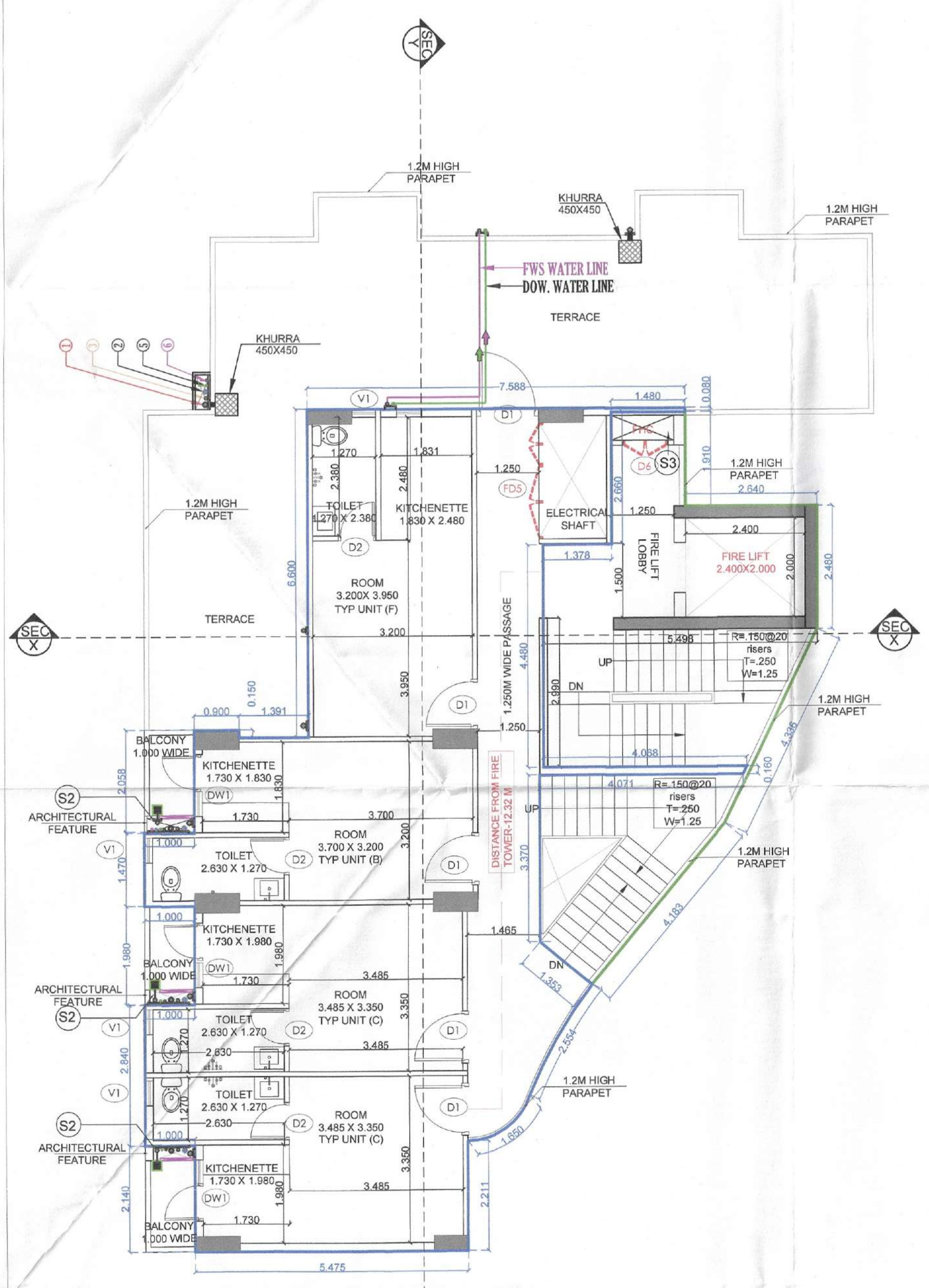
TYPICAL UNIT- CARPET AREA (F)

ITEM	NO.S	WIDTH (MTR.)	LENGTH (MTR.)	AREA(SQ.MT.) = NO.X LENGTH X WIDTH
E	1	6.850	3.400	23.290
TOTAL				23.290
DEDUCTION (B)				
1	1	3.460	0.160	0.554
2	1	0.900	0.140	0.126
3	1	5.753	0.160	0.920
4	1	0.160	0.260	0.042
5	1	2.150	0.160	0.344
6	1	2.811	0.160	0.450
7	1	2.192	0.160	0.351
TOTAL				2.786

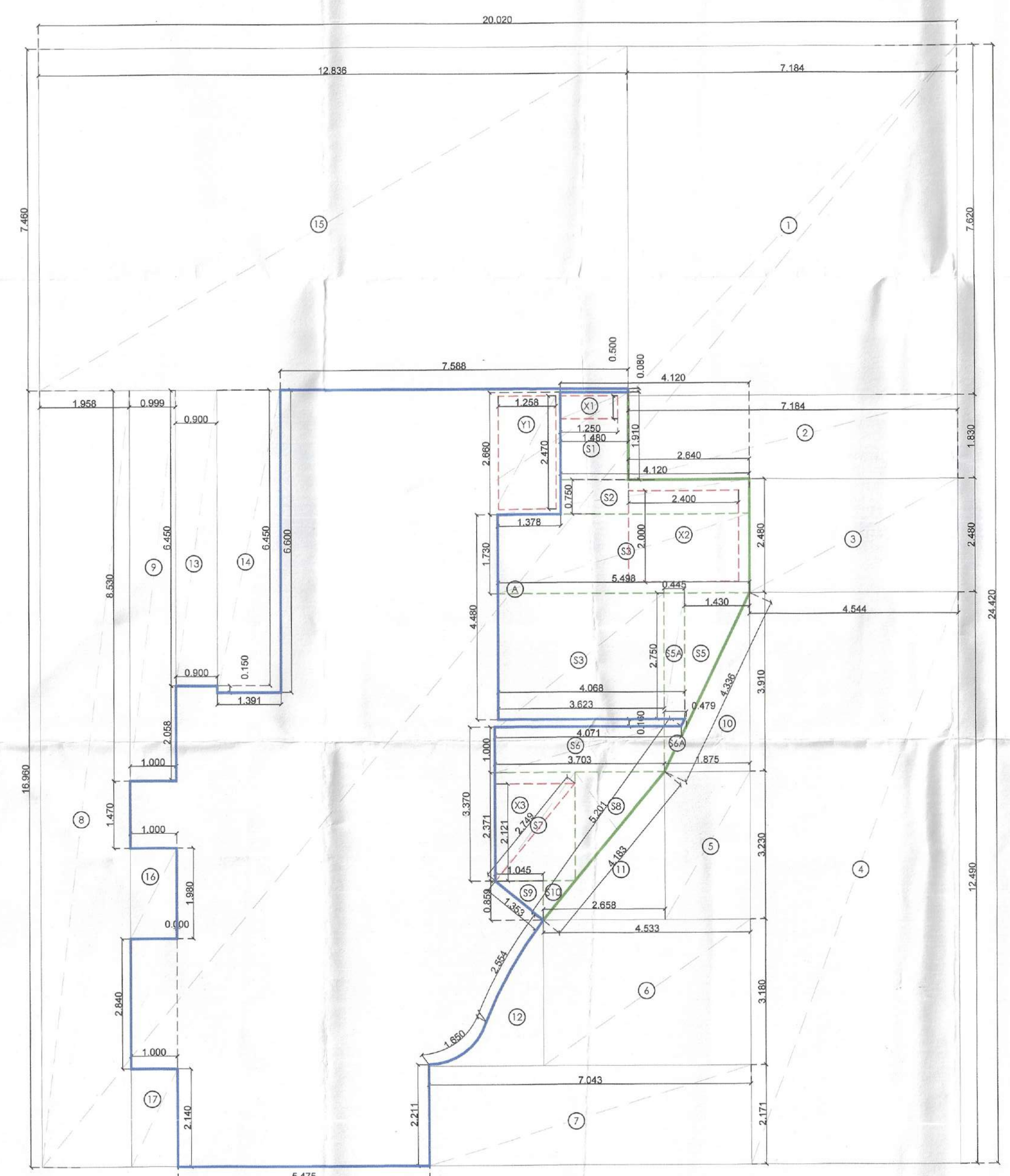
TOTAL CARPET AREA CALCULATION = ADDITION(A) - DEDUCTION (B)= 20.504 SQMT

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



EWS 16TH FLOOR PLAN
(4 UNITS)


EWS 16TH FLOOR PLAN
(4 UNITS) AREA DIAGRAM

EWS FAR AREA AT TYPICAL (16TH 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	7.184	7.620	54.742
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	1.958	16.960	33.208
9	1	0.999	8.530	8.521
10	1	1.875	3.910	3.666
11	1	2.658	3.230	4.293
12	1	PLINE		3.144
13	1	0.999	6.450	6.444
14	1	1.391	6.600	9.181
15	1	12.836	7.460	95.757
16	1	1.000	1.980	1.980
17	1	1.000	2.140	2.140
Y1	1	1.258	2.470	3.107
TOTAL				343.113

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

JDT (HQ) Member BPAC

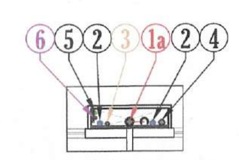
DEDUCTIUONS FROM NON FAR - SHAFTS (D)

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)				

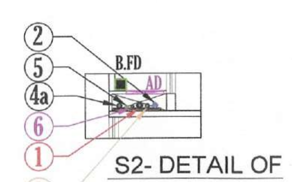
TOTAL NON FAR AREA CALCULATION = (C - D) 39.743

TOTAL FAR AREA CALCULATION = (ADDITION-(A) - DEDUCTION (B+C)=

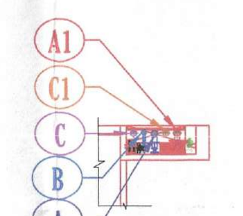
488.888	-	382.857	=	106.031
			106.031	SQ.MT



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		BD
ACCESS DOOR		AD
KHURRA 450X450		
VALVE		
STRAINER		
NON RETURN VALVE		
MOTORIZED VALVE		
DOMESTIC WATER SUPPLY		DWS
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

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

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 Authorised Signatory

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. 257674 Dt. 05/08/2025.
Superintending Engineer (HQ) for Chief Engineer-I HSVP, Panchkula

JUL 2025	Scale: 1:75
Drawing Title:-	Drawing No:-
EWS 10TH TO 16TH FLOOR PLANS & AREA DETAIL	EWS-02