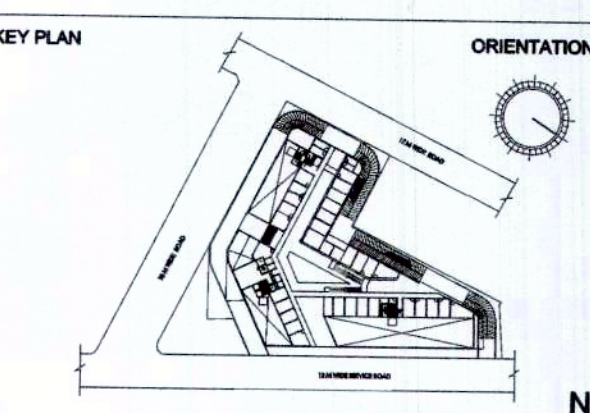


- NOTES:
- ALL LIFTS SHALL HAVE 100% POWER BACK-UP.
 - ALL ELECTRICAL INSTALLATIONS SHALL BE AS PER PROVISION OF NBC.
 - FIRE-FIGHTING / SAFETY PROVISIONS WILL BE AS PER RELEVANT NBC PROVISIONS.
 - BASEMENT AREA SHALL HAVE MECHANICALLY VENTILATED AS PER RELEVANT CODE.
 - ALL TOILETS ARE VENTILATED AS PER HARYANA BUILDING CODE 2017.
 - BUILDING HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY NBC.
 - BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVANT I.S. CODES FOR EARTHQUAKE RESISTANCE.
 - SOLAR PANELS OF REQUIRED CAPACITY SHALL BE PROVIDED ON ROOF TOP AS PER HAREDA / ZONING NORMS.
 - ALL HANDICAP RAMPS WITH RAILING.

SCHEDULE OF OPENING (DOORS)

S.NO	D/W NO.	WIDTH (mm)	CHL (mm)	UNTL (mm)
1	GD1	1200	-	2450
2	GD2	2400	-	2450
3	D1	1200	-	2450
4	D2	1050	-	2450
5	D3	900	-	2450
6	D5	955	-	2450
7	D6	1200	-	2450
8	FD1 2HR FIRE RATING	2000	-	2450

- LEGEND:-
- 100# SOIL & VENT PIPE
 - 100# WASTE & VENT PIPE
 - 100# WASTE & VENT PIPE FOR AHU
 - 100# WASTE & VENT PIPE FOR RESTAURANT
 - 100# ANTISIPHONAGE VENT PIPE
 - DOMESTIC WATER SUPPLY
 - DWS ON TAKE PIPE(DOMESTIC) FOR 5th FLOOR
 - FLUSHING WATER SUPPLY
 - 100# RAIN WATER PIPE
 - 100# RAIN WATER PIPE
 - 150# FIRE PIPE
 - 80# DRAIN PIPE



MEP CONSULTANT:
ENVIRONS BUILDING SERVICES CONSULTANTS
A-14 (Basement), Shivalik, New Delhi - 110017
Ph : 011 - 41765684
E-mail : environsconsultants@gmail.com

PRINCIPAL ARCHITECT:
ARCOP ASSOCIATES PVT. LTD. ARCOP
A-15, Pamposh Enclave, Greater Kailash-I, New Delhi-110048

PROJECT:
REVISED BUILDING PLANS OF COMMERCIAL SITE-1 ADMEASURING 1.462 ACRES FALLING IN THE RESIDENTIAL PLOTTED COLONY OF 107.919 ACRES (LICENCE NO 97 OF 2010 DATED 18.11.2010, LICENCE NO 41 OF 2011 DATED 03.05.2011) AT SECTOR-66, GURUGRAM BEING DEVELOPED BY ELAN CITY LLP

ELAN CITY LLP
Authorised Signatory
OWNER/AUTH. SIGNATURE
ARCHITECT'S SIGNATURE

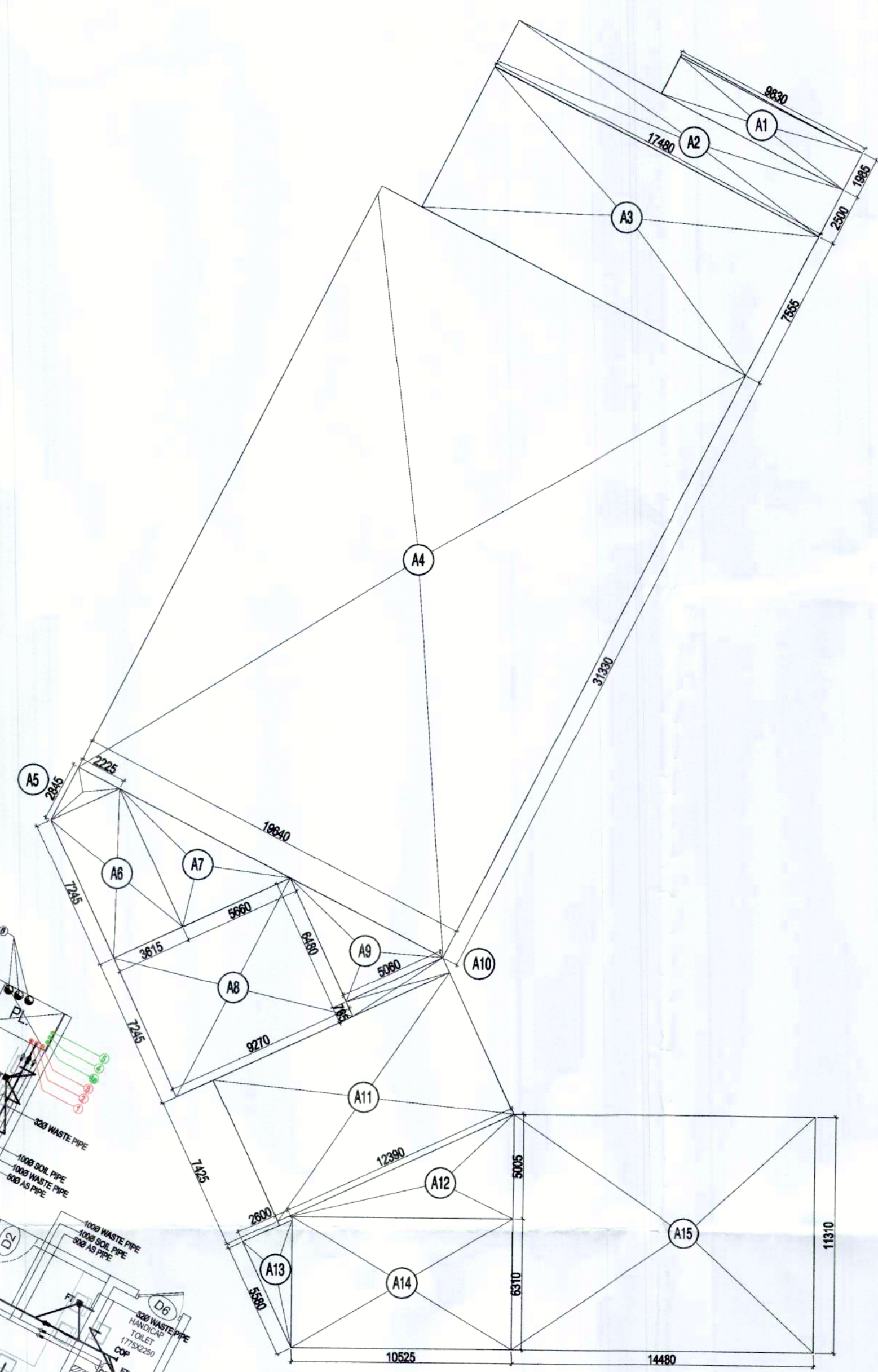
5th FLOOR PLAN & AREA CALCULATIONS
DRAWING NO. A1-19 SCALE: 1:200

5 TH FLOOR (OFFICE)

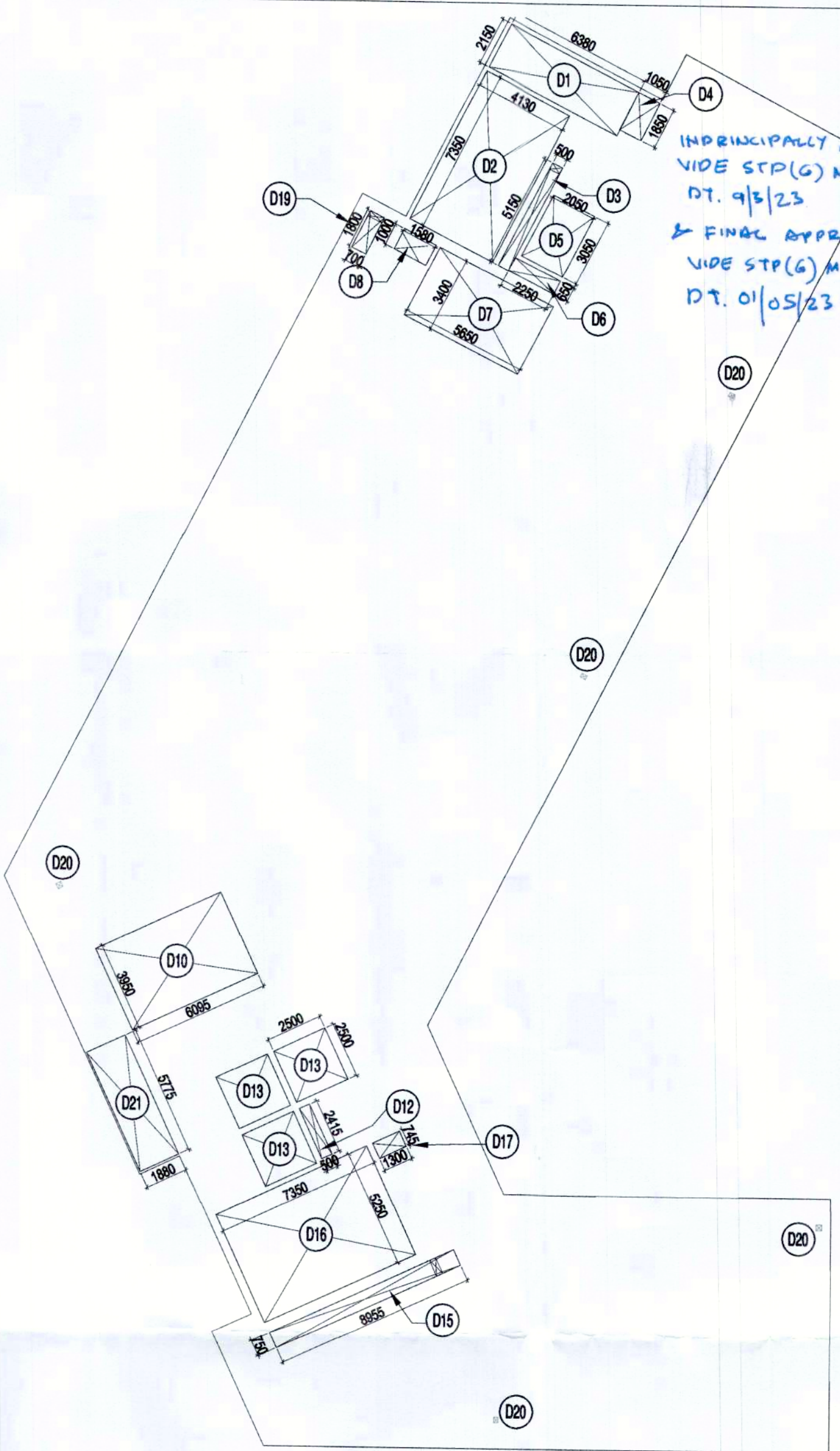
FLOOR	FAR AREA IN SQMT.	OCCUPANT LOAD AS/NBC-2016 (SQMT./PERSON)	OCCUPANCY	STAIRCASE WIDTH PER PERSON (MM)	Minimum STAIRCASE WIDTH REQUIRED AS PER NBC (MM)	STAIRCASE WIDTH REQUIRED AS PER OCCUPANCY (MM)	NO's & WIDTH OF STAIRCASES / EXITS PROVIDED (MM)	STAIRCASE WIDTH PROVIDED (MM)
5 TH FLOOR	1123.68	10	112				2 NO. S = 2000 MM WIDE	4000
	1123.68	Total	112	10	2000	1124	= 4000 MM WIDE	

REFUGE AREA CALCULATION - 5th TH FLOOR (OFFICE)

FLOOR	FAR AREA IN SQMT.	OCCUPANT LOAD AS/NBC-2016 (SQMT./PERSON)	OCCUPANCY	Refuge area requirement	Refuge area REQUIRED AS PER NBC (MM)	REFUGE PROVIDED (MM)
5 TH FLOOR	1123.684	10	224			
6 TH FLOOR	1120.619			69.13	Occupant load X 0.3 + 2 X 0.9 for wheelchair	79.62
	2244.30	Total	224			



5th FLOOR FAR (ADDITIONS)



5th FLOOR FAR (DEDUCTIONS)

5TH FLOOR AREA DETAIL

S. No.	COEFF.	WIDTH	LENGTH	NOS.	AREA IN SQMT
A1	1	9.830	1.985	1	19.513
A2	1	17.480	2.500	1	43.700
A3	1	17.480	7.555	1	132.061
A4	1	31.330	19.640	1	615.321
A5	0.5	2.225	2.845	1	3.165
A6	1	7.245	3.615	1	26.191
A7	0.5	7.245	5.660	1	20.503
A8	1	7.245	9.270	1	67.161
A9	0.5	6.480	5.060	1	16.394
A10	1	0.765	5.060	1	3.871
A11	1	12.390	7.425	1	91.996
A12	0.5	5.005	10.525	1	26.339
A13	0.5	2.600	5.580	1	7.254
A14	1	6.310	10.525	1	66.413
A15	1	14.480	11.310	1	163.769
TOTAL ADDITIONS					= 1303.651 X
D1	1	6.380	2.150	1	13.717
D2	1	7.350	4.130	1	30.356
D3	1	5.150	0.500	1	2.575
D4	1	1.850	1.050	1	1.943
D5	1	2.050	3.050	1	6.253
D6	1	2.250	0.850	1	1.463
D7	1	3.400	5.650	1	19.210
D8	1	1.580	1.000	1	1.580
D10	1	3.950	6.095	1	24.075
D12	1	2.415	0.500	1	1.208
D13	1	2.500	2.500	3	18.750
D15	1	8.955	0.750	1	6.716
D16	1	7.350	5.250	1	38.588
D17	1	1.300	0.745	1	0.969
D19	1	1.800	0.700	1	1.260
D20	1	0.300	0.300	5	0.450
D21	1	5.775	1.880	1	10.857
TOTAL DEDUCTIONS					= 179.967 Y
5TH FLOOR FAR = (X - Y)					= 1123.684

TOILET CALCULATION

FLOOR	5TH FLOOR	PERMANENT POPULATION (100%)	FLOATING POPULATION	TOTAL REQUIRED	TOTAL PROVIDED
FAR (SQ.M.)	1123.684				
TOTAL POPULATION (@10 SQ.M. PP)	112	112			
		MALE (2/3)	FEMALE (1/3)	MALE	FEMALE
NO.	75	37			
W.C	3	3		3	3
URINAL	4	0		4	0
WASH BASIN	3	3		3	3

