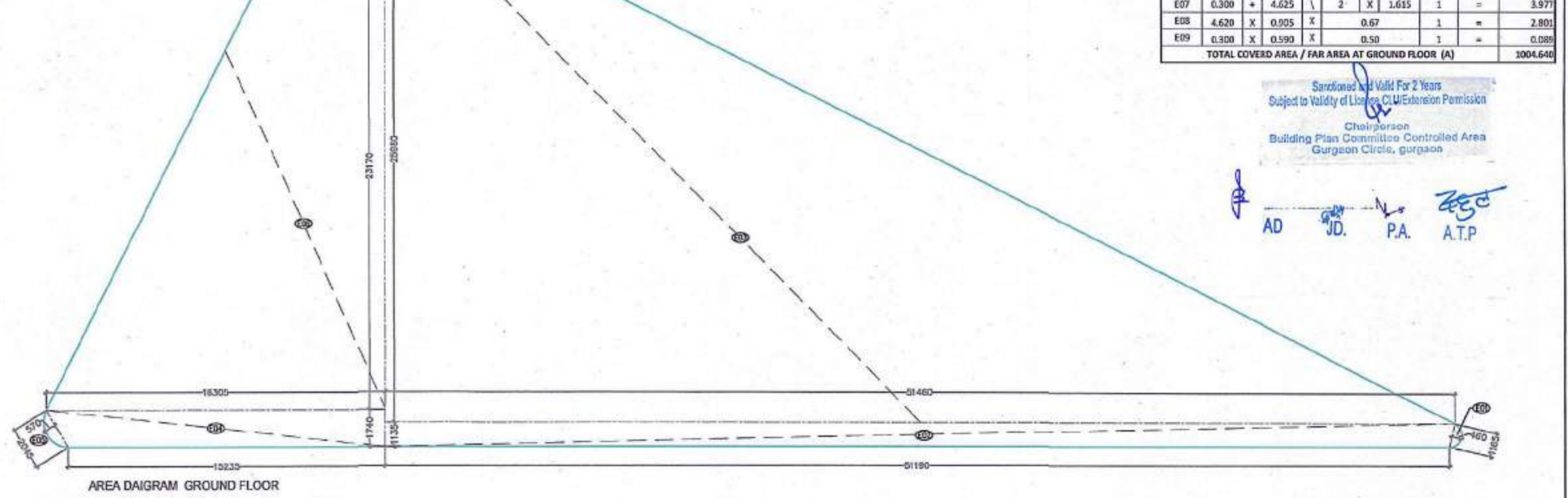
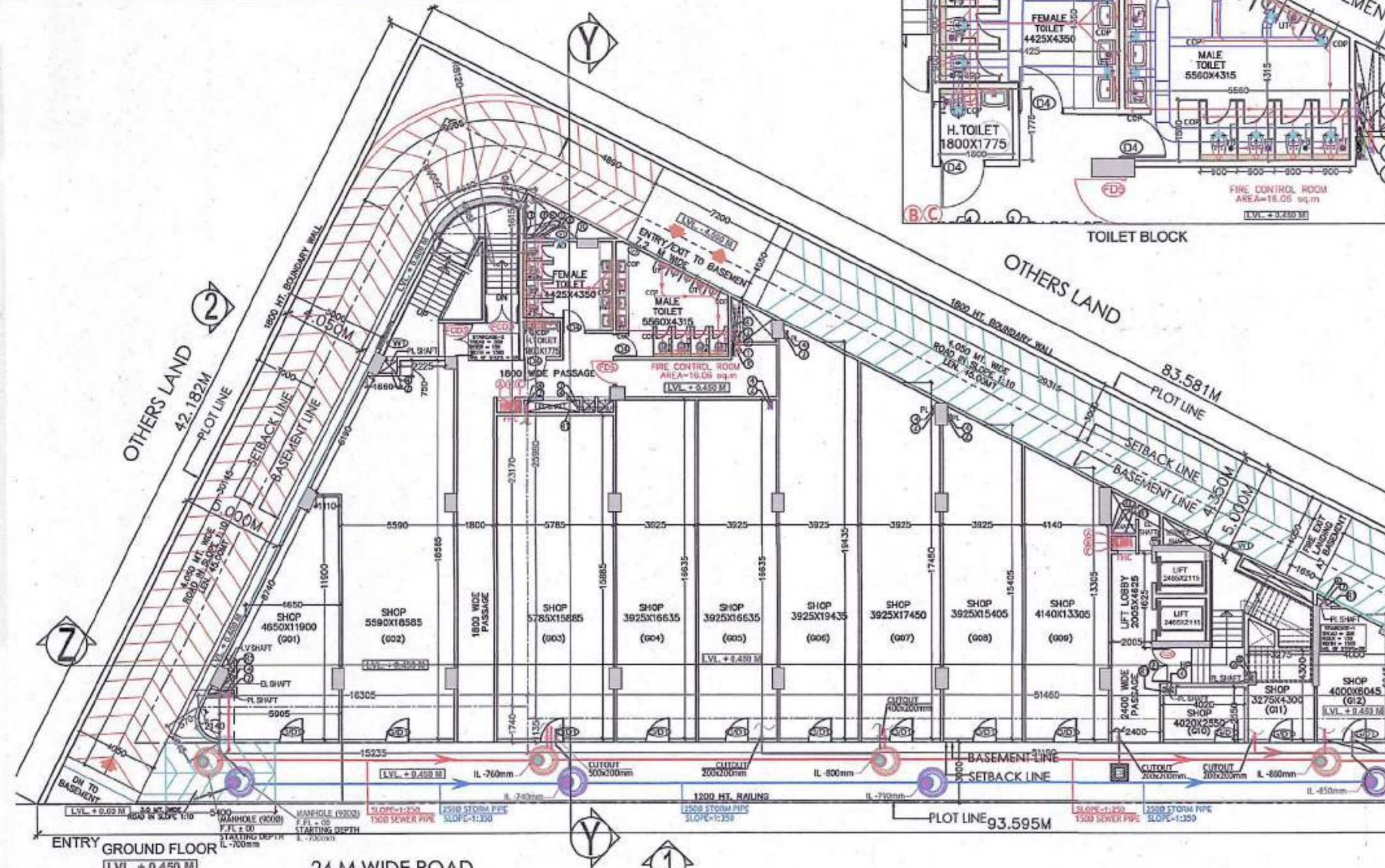


Staircase Calculation For Basement-1					
Total floor area		1041.881		sqm	
Floors	Average occupant load as per NBC	No. of occupant	As per NBC (10mm/Person)	Stair case Required	Stair case Provided
Mercantile Area	1911.58	80	33.72	10	2 X 1500 X 3000 MM TOTAL = 3000 MM

GROUND FLOOR TOILET CALCULATION							
TOTAL FAR AREA AT GROUND FLOOR				OCCUPANT LOAD @ 3			
NO. OF OCCUPANT AT GROUND FLOOR		TOTAL REQUIRED		TOTAL PROVIDED		POPULATION	
NO.	PERMANENT POPULATION	NO.	POPULATION	NO.	POPULATION	NO.	POPULATION
POPULATION	MALE (100)	POPULATION	MALE (100)	POPULATION	MALE (100)	POPULATION	MALE (100)
POPULATION	FEMALE (100)	POPULATION	FEMALE (100)	POPULATION	FEMALE (100)	POPULATION	FEMALE (100)
POPULATION	WASH BASIN	POPULATION	WASH BASIN	POPULATION	WASH BASIN	POPULATION	WASH BASIN

GROUND FLOOR AREA CALCULATION						
S.No.	Length	Breadth	Height	No.	Area (SQM)	
E01	3.165	X	0.650	X	0.67	1 = 0.358
E02	51.460	X	51.190	X	2 X 1.135	1 = 58.254
E03	51.460	X	25.980	X	0.50	1 = 668.465
E04	16.305	X	15.235	X	2 X 1.740	1 = 27.440
E05	0.570	X	2.045	X	0.67	1 = 0.761
E06	4.625	X	16.305	X	2 X 23.170	1 = 242.474
E07	0.300	X	4.625	X	2 X 1.615	1 = 3.971
E08	4.620	X	0.905	X	0.67	1 = 2.801
E09	0.300	X	0.990	X	0.50	1 = 0.088
<b>TOTAL COVERED AREA / FAR AREA AT GROUND FLOOR (A)</b>					<b>3004.640</b>	



Exit Calculation For Ground Floor					
Total floor area		1004.64		sqm	
Floors	Average occupant load as per NBC	No. of occupant	As per NBC (10mm/Person)	Exit Required	Exit Provided
Mercantile Area	1004.64	3	334.88	10	334.88
					Direct Egress at Street Level

BASEMENT-01 AREA CALCULATION						
S.No.	Length	Breadth	Height	No.	Area (SQM)	
B01	27.335	X	1.270	X	51.190	1 = 726.514
B02	4.640	X	7.575	X	3.00	1 = 37.441
B03	4.625	X	15.885	X	2 X 22.335	1 = 229.045
B04	18.385	X	17.860	X	2 X 0.650	1 = 11.715
B05	0.300	X	4.625	X	2 X 1.615	1 = 3.971
B06	0.505	X	4.620	X	0.67	1 = 2.801
B07	0.300	X	0.990	X	0.50	1 = 0.088
<b>TOTAL COVERED AREA (NON FAR) AT BASEMENT-1 (A)</b>					<b>1041.881</b>	

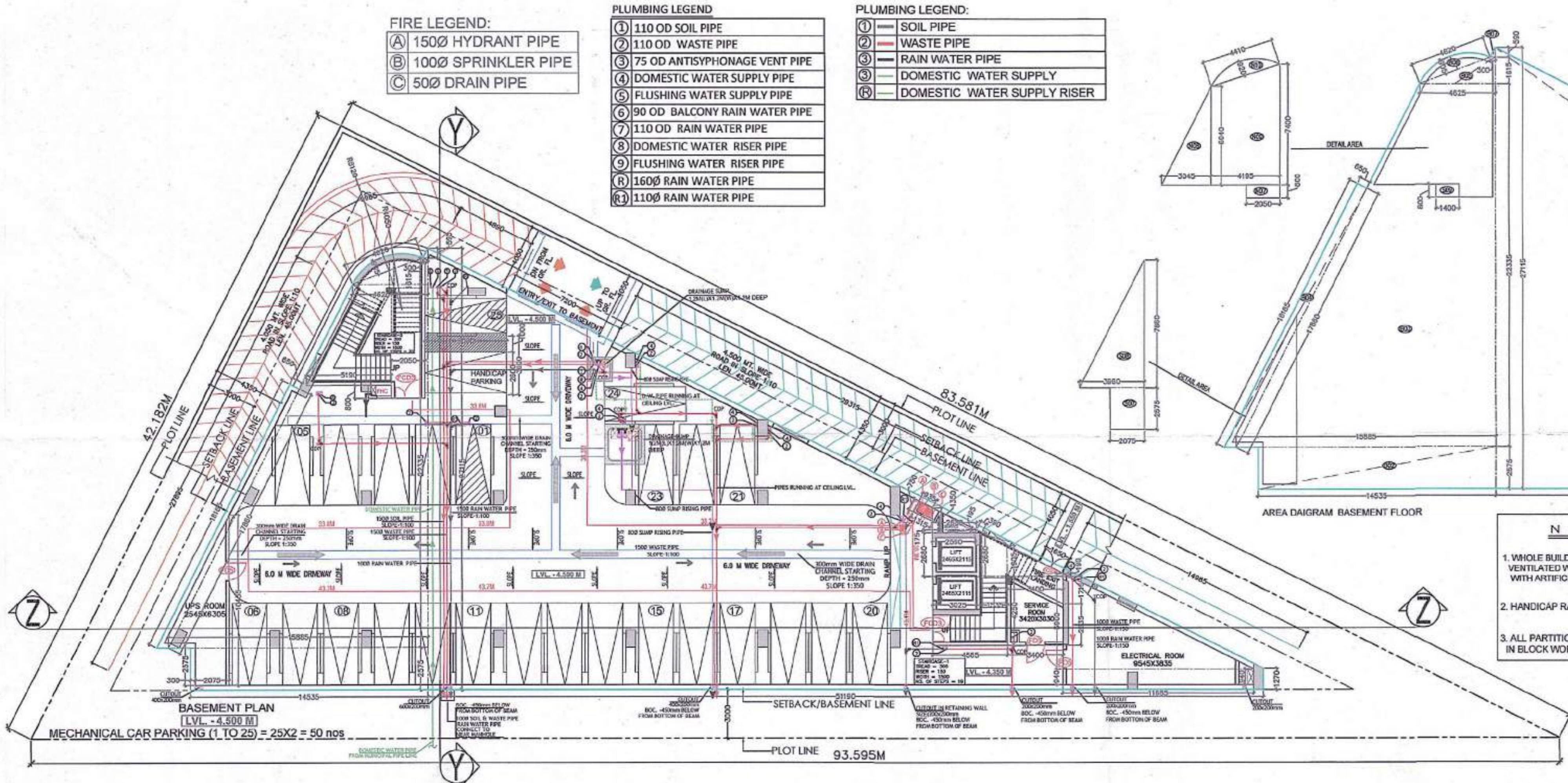
CORE AREA						
S.No.	Length	Breadth	Height	No.	Area (SQM)	
C01	4.565	X	4.250	X	1.00	1 = 19.403
C02	3.025	X	2.580	X	1.00	1 = 8.107
C03	2.680	X	1.905	X	2 X 2.335	1 = 3.519
C04	1.905	X	0.190	X	2 X 3.400	1 = 3.562
C05	3.490	X	1.215	X	0.50	1 = 2.916
C06	0.390	X	0.195	X	0.50	1 = 0.038
C07	2.250	X	0.820	X	1.00	1 = 1.640
C08	3.045	X	6.040	X	0.50	1 = 9.156
C09	6.040	X	7.400	X	2 X 4.195	1 = 28.190
C10	0.930	X	4.410	X	0.67	1 = 2.718
<b>CORE AREA AT BASEMENT-01 = (B)</b>					<b>79.287</b>	

SERVICE AREA						
S.No.	Length	Breadth	Height	No.	Area (SQM)	
S01	11.685	X	0.940	X	1.00	1 = 10.984
S02	11.685	X	5.900	X	0.50	1 = 34.471
S03	4.250	X	2.535	X	2 X 3.400	1 = 11.535
S04	2.680	X	2.990	X	2 X 0.175	1 = 0.461
S05	2.680	X	1.350	X	0.50	1 = 1.809
S06	1.315	X	0.935	X	2 X 0.750	1 = 0.844
S07	2.675	X	2.575	X	1.00	1 = 5.343
S08	3.960	X	7.860	X	0.50	1 = 15.561
S09	1.400	X	0.800	X	1.00	1 = 1.120
<b>SERVICE AREA AT BASEMENT-01 = (C)</b>					<b>82.129</b>	
<b>TOTAL PARKING AREA AT BASEMENT-01 = (A) - (B) - (C)</b>					<b>893.17</b>	
<b>PARKING CAN BE PROVIDED IN BASEMENT-01 = (D/20)</b>					<b>42.208</b>	
<b>TOTAL PARKING PROVIDED AT BASEMENT-01 = (25 MECHANICAL X 2 = 50 CARS + 01 HANDICAP PARKING)</b>					<b>51 BAYS</b>	

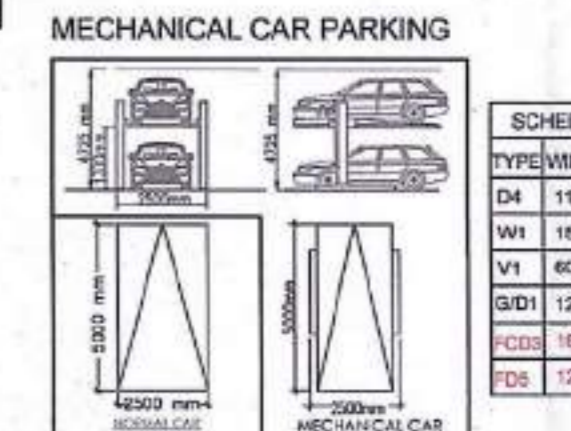
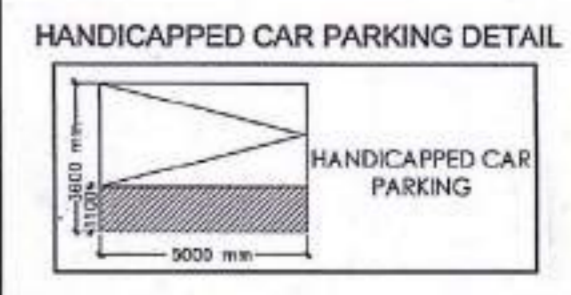
- FIRE LEGEND:**
- (A) 150Ø HYDRANT PIPE
  - (B) 100Ø SPRINKLER PIPE
  - (C) 50Ø DRAIN PIPE

- PLUMBING LEGEND:**
- (1) 110 OD SOIL PIPE
  - (2) 110 OD WASTE PIPE
  - (3) 75 OD ANTISYPHONAGE VENT PIPE
  - (4) DOMESTIC WATER SUPPLY PIPE
  - (5) FLUSHING WATER SUPPLY PIPE
  - (6) 90 OD BALCONY RAIN WATER PIPE
  - (7) 110 OD RAIN WATER PIPE
  - (8) DOMESTIC WATER RISER PIPE
  - (9) FLUSHING WATER RISER PIPE
  - (R) 160Ø RAIN WATER PIPE
  - (R) 110Ø RAIN WATER PIPE

- PLUMBING LEGEND:**
- (1) SOIL PIPE
  - (2) WASTE PIPE
  - (3) RAIN WATER PIPE
  - (4) DOMESTIC WATER SUPPLY
  - (5) DOMESTIC WATER SUPPLY RISER



- NOTES**
- WHOLE BUILDING SHALL BE MECHANICALLY VENTILATED WITH 100% POWER BACKUP WITH ARTIFICIAL LIGHTING.
  - HANDICAP RAMP WITH RAILING
  - ALL PARTITION ARE IN 125/200MM THICK IN BLOCK WORK.



SCHEDULE OF OPENINGS			
TYPE	WIDTH	HEIGHT	SILL
D4	1100	2100	- 2100
W1	1600	1200	600 2100
V1	600	600	1500 2100
G/D1	1200	2100	- 2100
F03	1600	2100	- 2100
F04	1200	2100	- 2100

**OWNER'S SIGN**

**ARCHITECT'S SIGN**

**GIAN P. MATHUR**  
ARCHITECT  
B. Arch., C.A. I.I.A  
CA No. 1875769

**PROJECT:-**  
REVISED BUILDING PLAN OF COMMERCIAL - 10 AREA MEASURING (1762.284SQM) 0.44 ACRES AFFORDABLE RESIDENTIAL PLOTTED COLONY (UNDER DEEN-DYAL JAN AWAS YOJNA) OVER AN AREA 57.40 ACRES (LICENCE NO.32 OF 2021 DATED 03.07.2021 FOR AN AREA MEASURING 62.273 ACRES & LICENCE NO. 102 OF 2022 DATED 28.07.2022 FOR AREA AN MEASURING 5.125 ACRES) IN THE REVENUE ESTATE OF VILLAGE-HAYATPUR, SECTOR 89, GURUGRAM BEING DEVELOPED BY AAWM RESIDENCY PRIVATE LIMITED & OTHERS IN COLLABORATION WITH ADHIKAANSH RELATORS PRIVATE LIMITED.

**FLOOR PLANS**

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