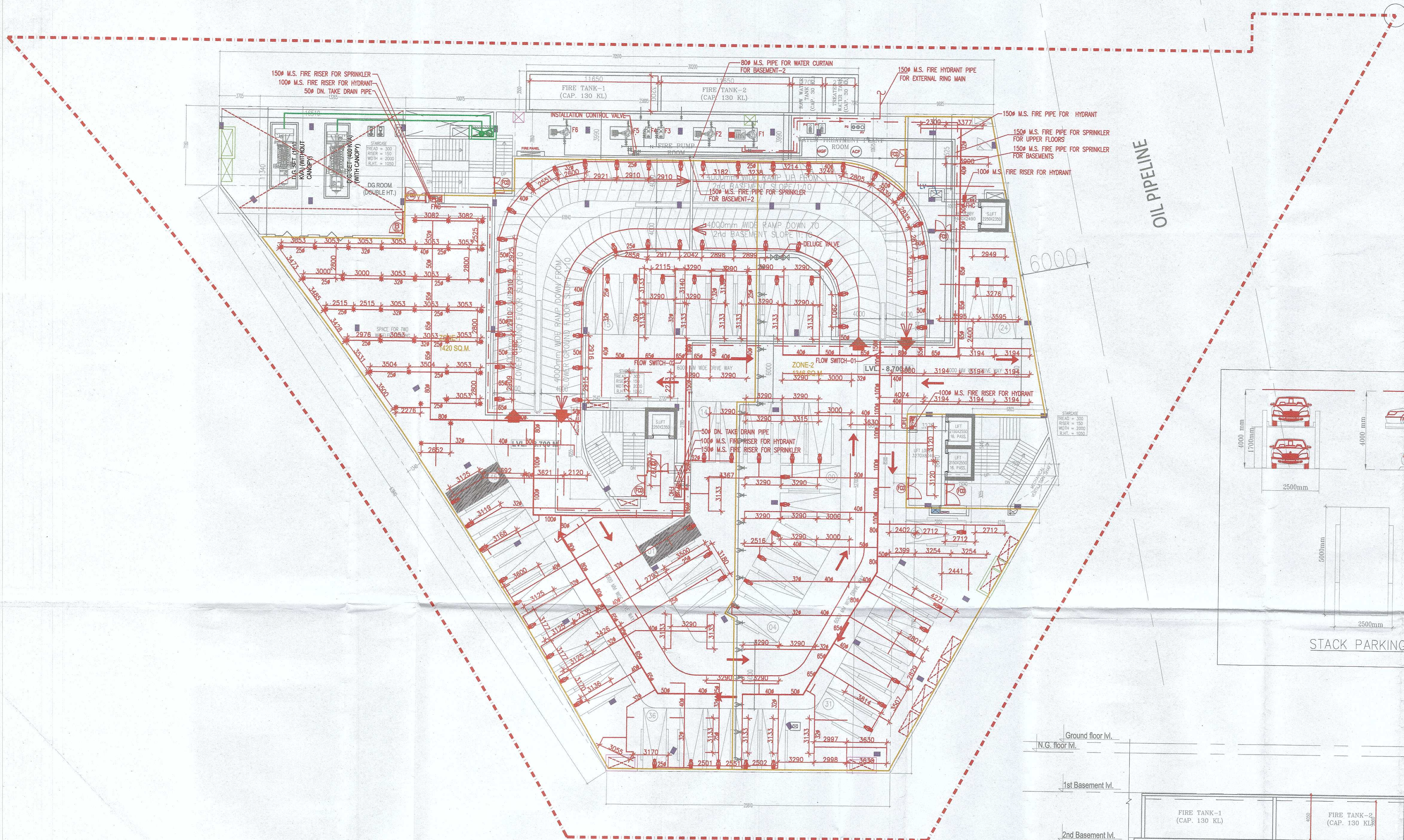
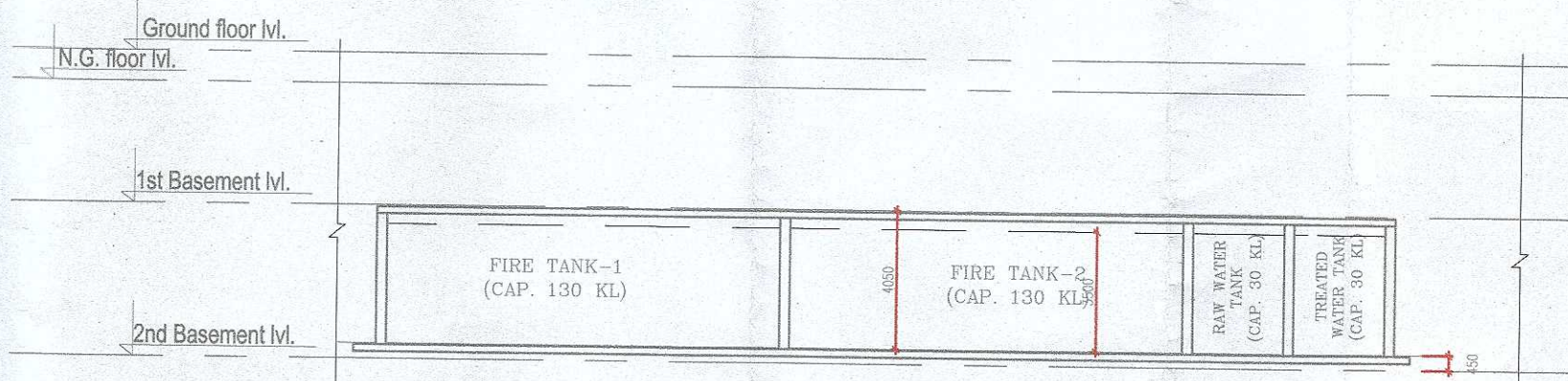
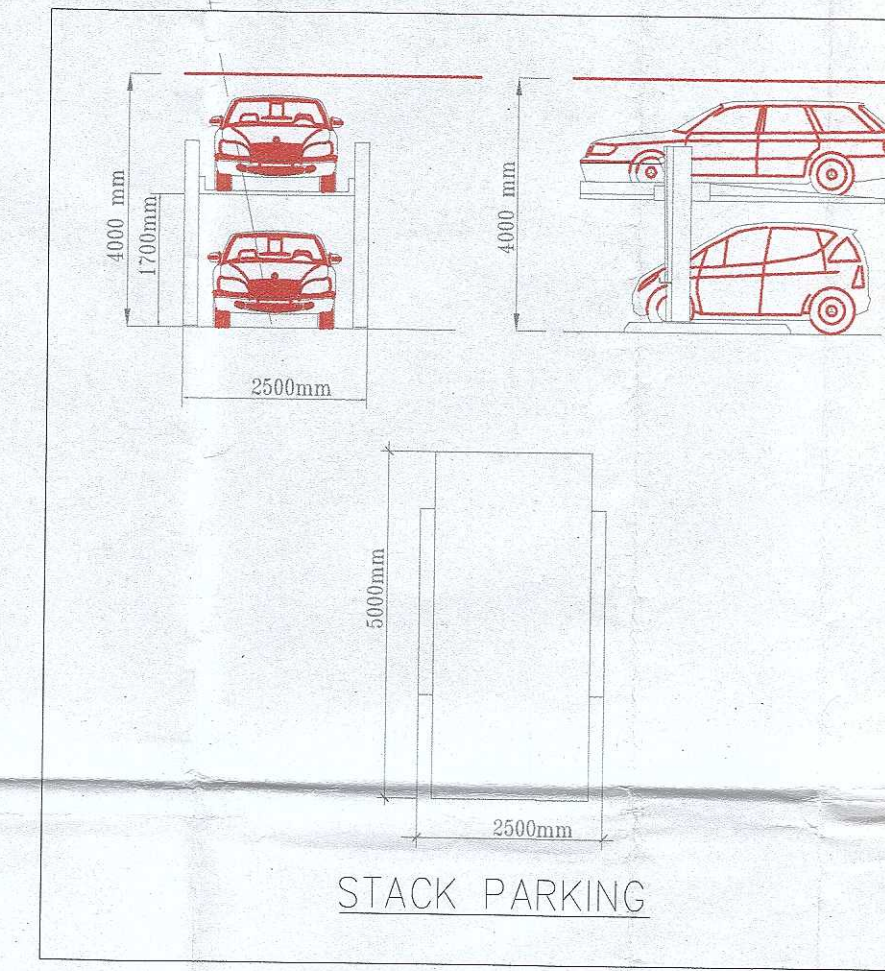
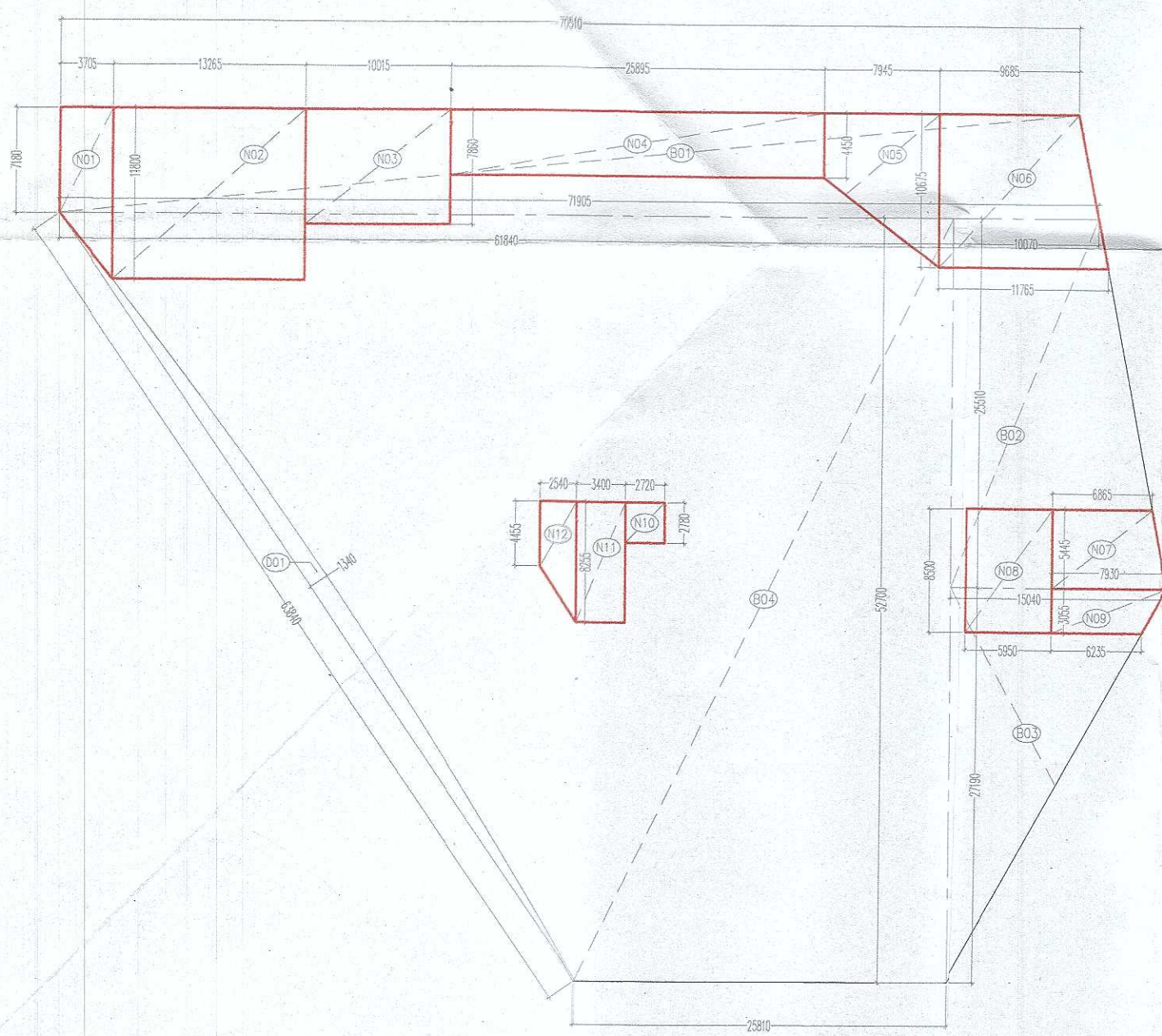




ENGINE



1st. BASEMENT FLOOR
LVL. -8.700 M
DOUBLE STACK PARKING = 45 X 2 = 90 ECS



AREA DIAGRAM 1st. BASEMENT FLOOR

1st. BASEMENT FLOOR AREA CALCULATION					
COVD. AREA AT 1st. BASEMENT = ADDITION AREA - DEDUCTION AREA					
Sr No	Dim (m)	X	Dim (m)	Fec	Area (SQM)
ADDITION AREA					
B01	(70.510 + 71.905) / 2 X 7.180			1	511.269
B02	(10.070 + 15.040) / 2 X 25.510			1	320.278
B03	15.040 X 27.190		0.50	1	204.469
B04	(61.840 + 25.810) / 2 X 52.700			1	2309.577
TOTAL ADDITION AREA (A)					3345.593
DEDUCTION AREA					
D01	63.840 X 1.340		0.67	1	57.316
TOTAL DEDUCTION AREA (B)					57.316
TOTAL COVD. AREA AT 1st. BASEMENT (C) = (A - B)					3288.277
CORE & SERVICES AREA AT 1st. BASEMENT					
N01	(7.180 + 11.800) / 2 X 3.705			1	35.160
N02	13.265 X 11.800		1.00	1	156.527
N03	10.015 X 7.860		1.00	1	78.718
N04	25.895 X 4.450		1.00	1	115.233
N05	(4.450 + 10.675) / 2 X 7.945			1	60.084
N06	(5.685 + 11.785) / 2 X 10.675			1	114.489
N07	(6.885 + 7.990) / 2 X 5.445			1	40.279
N08	5.950 X 8.500		1.00	1	50.575
N09	(7.930 + 6.235) / 2 X 3.055			1	21.637
N10	2.720 X 2.780		1.00	1	7.562
N11	3.400 X 8.255		1.00	1	28.067
N12	(4.455 + 8.255) / 2 X 2.540			1	16.141
TOTAL CORE & SERVICES AREA (D)					724.471
TOTAL PARKING AREA AT 1st. BASEMENT = (C - D)					2563.806
PARKING AREA FOR DOUBLE STACK (MECHANICAL) = (2563.806 / 16)					160.238
TOTAL PARKING PROVIDED AT 1st. BASEMENT = (45 MECHANICAL X 2 = 90 CAR)					90 CARS

SCHEDULE OF OPENINGS				
TYPE	WIDTH	HEIGHT	SILL HT.	LINTEL
D	900	2100	-	2100
D1	1000	2100	-	2100
D2	1500	2100	-	2100
D3	750	2100	-	2100
FCD	2000	2100	-	2100
FCD1	1500	2100	-	2100
G/D	3425	2100	-	2100
GL	AS/PLAN	2100	-	2100

V Consulting
Fire Consultant
(Fire Fighting, Electrical & Ventilation)
B-50, Basement
Soami Nagar, New Delhi

CERTIFIED THAT THESE PLANS ARE AS PER
ORIGINAL PLANS APPROVED BY SET/FP, STP
GIAN P. MATHUR VIDE MEMO No. 5377
Chartered Dated: 3/11/21

Owner Sign.

Architect Sign.

NOTES

- THIS DEVELOPMENT HAS BEEN CONCEIVED, DESIGNED AND DRAFTED ON THE BASIS OF THE FOLLOWING
1. ALL USEABLE OFFICE SPACES, RETAIL SPACES (LIKE SHOP AREAS, ENTERTAINMENT) WILL BE AIR-CONDITIONED. THEREFORE NO PROVISION HAS BEEN MADE FOR NATURAL VENTILATION OF SPACES.
2. ALL TOILETS/KITCHENS WILL BE MECHANICALLY VENTILATED. CONDITIONED AIR FROM THE FLOOR WILL BE SUCKED IN TO THE TOILETS/KITCHENS AND VENTED OUT THROUGH A VENT SHAFT
3. ALL SPACES (ROOM SPACES, RETAIL SPACES, SERVICE AREAS, PARKING BASEMENT, ETC) WILL BE ARTIFICIALLY LIT. ANY NATURAL LIGHT WHICH IS AVAILABLE IN THE ROOM SPACES IS ONLY INCIDENTAL AND NOT ESSENTIAL TO THE FUNCTIONING OF THE BUILDING.
4. 100% STANDBY GENERATING CAPACITY WILL BE PROVIDED FOR THE ENTIRE ELECTRICAL REQUIREMENT OF THE TOTAL SCHEME. THIS THEREFORE INCLUDES STANDBY GENERATION FOR ALL COMMON SERVICES, FIRE SERVICES, LIFTS ETC. AND ALSO THE ENTIRE ELECTRICAL LOAD FOR VENTILATION, AIR-CONDITIONING, LIGHTS AND ALL ROOM EQUIPMENT.
5. BASEMENT WILL BE ARTIFICIALLY VENTILATED.
6. THIS BUILDING WILL BE SPRINKLED AS PER NBC NORMS.
7. HANDICAP RAMP WITH RAILING
8. ALL PARTITION ARE IN 100/200MM THICK IN BLOCK WORK.

LEGEND:-

FHC	FIRE HOSE CABINET
☼	UPRIGHT TYPE SPRINKLER
☼	PENDENT TYPE SPRINKLER
☼	SIDE WALL SPRINKLER
☼	9 Ltr. WATER GAS PRESSURE TYPE FIRE EXTINGUISHER
☼	4.5 kg CO ₂ TYPE FIRE EXTINGUISHER
+	BUTTER FLY VALVE
δ	FLOW INDICATING SWITCH
YH	YARD HYDRANT

NOTE:-

- EACH FIRE HOSE CABINET SHALL CONSIST OF
- 1 NO. - GUNMETAL SINGLE HEADED HYDRANT
 - 2 Nos. - FIRE HOSES 63mm 15M LONG WITH ACCESSORIES.
 - 1 No. - SHORT BRANCH
 - 1 No - FIRST AID HOSE REEL
 - 2 Nos - FIRE EXTINGUISHERS
 - 1 No - FIRE MAN'S AXE.

SCHEDULE OF FIRE PUMPS		
SL. NO.	DESCRIPTION	DES. NO.
1	DIESEL ENGINE DRIVEN FIRE PUMP 2850 LPM @ 110m HEAD	F1
2	MAIN FIRE HYDRANT PUMP (ELECTRICAL) 2850 LPM @ 110m HEAD	F2
3	JOCKEY PUMP (ELECTRICAL) FOR HYDRANT 180 LPM @ 110m HEAD	F3
4	JOCKEY PUMP (ELECTRICAL) FOR SPRINKLER 180 LPM @ 110m HEAD	F4
5	MAIN FIRE SPRINKLER PUMP (ELECTRICAL) 2850 LPM @ 110m HEAD	F5
6	WATER CURTAIN FIRE PUMP 800 LPM @ 50m HEAD	F6
7	AIR RELEASE VALVE	ARV
8	BUTTER FLY VALVE	BFV
9	NON-RETURN VALVE	N

PROJECT:
APPROVAL OF BUILDING PLAN OF COMMERCIAL SITE
ADMEASURING 1.425 ACRES IN BLOCK-H FALLING IN THE
RESIDENTIAL PLOTTED COLONY OF AREA MEASURING 199.063
ACRES (Licence no 102 TO 114 of 2004 Dated 27.07.2004) IN
SECTOR - 57, GURJARAM MANESAR URBAN COMPLEX BEING
DEVELOPED BY, M/s. PARYAPT INFRASTRUCTURE PVT. LTD.