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(2)

F1	DIESEL ENGINE PUMP.	2	4546LPM
F2	MAIN ELECTRIC PUMP	1	2956LPM
F3	JOCKEY PUMP	2	180 LPM
F4	SPRINKLER PUMP.	1	2956LPM
F5	FIRE CURTAIN PUMP	1	1620LPM

HORIZONTAL SPRINKLER PIPE DIA SHALL BE AS FOLOWS.	
NO.OF SPRINKLER	DIA
1 TO 2	25Ø
3	32Ø
4 TO 5	40Ø
6 TO 10	50Ø
11 TO 18	65Ø
19 TO 40	80Ø
41 TO 100	100Ø
ABOVE 100	150Ø

ELECTRICAL LEGEND:-

SYMBOLS	DESCRIPTION	MOUNTING HEIGHT	QUANTITY
SD	SMOKE DETECTOR	CEILING	
SP	FIRE PHONE JACK		
	MANUAL CALL POINT	1500MM	
	HOOTER	2100MM / 2400MM	
FRI	RESPONSE INDICATOR	2150MM	
MM	MONITOR MODULE	1500MM	

LEGENDS FOR FIRE FIGHTING:-

- (H) 150Ø M.S FIRE WET RISER PIPE
- (B) 150Ø M.S FIRE SPRINKLER RISER PIPE
- (D) 80Ø SPRINKLER DRAIN PIPE
- SPRINKLER (PENDENT TYPE)
- SPRINKLER (SIDE WALL TYPE)
- ISOLATION VALVE
- FLOW SWITCH
- WATER CURTAIN
- MAIN SPRINKLER HEADER PIPE
- CURTAIN PIPE
- FIRE HYDRANT HEADER PIPE (PUMP SET 01
- FIRE HYDRANT HEADER PIPE (PUMP SET 02
- DELUGE VALVE
- INSTOLATION CONTROL VALVE
- FD FIRE DOOR
- 4.5 Kg. CO2 FIRE EXTINGUISHER
- 9Ltr. WATER TYPE CO2 FIRE EXTINGUISHER
- 22.5 Kg. CO2 FIRE EXTINGUISHER
- F.H.C FIRE HOSE CABINET CONSISTING:-
  1. 1NO. 63mmØ GUNMETAL LANDING VALVE
  2. 1NO. 20mmØ 36.5M LONG HOSE REEL WITH DRUM
  3. 1NO. 63mmØ BRANCH PIPE
  4. 2NOS. 63mmØ R.R.L HOSE PIPE
  5. 1NO. FIRE MEN AXE

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.

PROJECT:

PROPOSED GROUP HOUSING COLONY MEASURING 17.90 ACRES (LICENCE NO 14 OF 2018 DATED 07/02/2018) UNDER TOD POLICY DATED 09.02.2016 IN SECTOR 102 GURUGRAM MANESAR URBAN COMPLEX
BEING DEVELOPED BY JOYVILLE SHAPOORJI HOUSING PVT LTD.

ARCHITECTS

OWNER'S SEAL & SIGNATURE

Certified that ... as per B.L...
FSO Gurugram ADFO Gurugram

ARCHITECT'S SEAL & SIGNATURE

JULY.-2018. Scale :

Drawing Title:- Drawing No:-

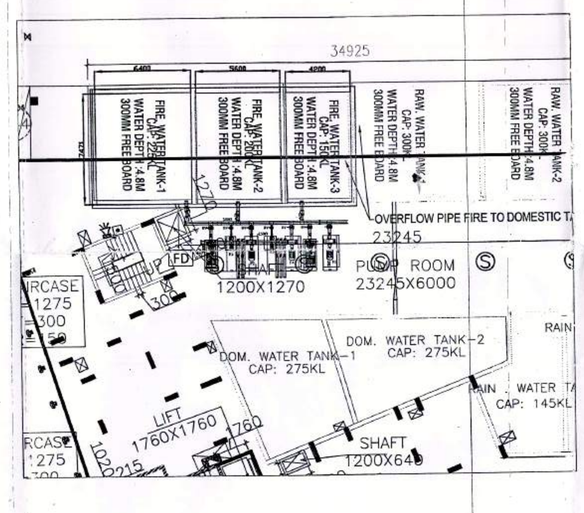
Ar. Dilvir Singh Chaudhary
B. Arch, M.C.A.
CA/2010/47004

Fire Fighting Scheme Approved vide letter No. SF/Gurg/14 dt 05-03-19

AIR CUSHION TANK

TERRACE	HY-16	+80.05	(+80.95)
26TH	HY-15	+77.15	(+78.05)
25TH	HY-14	+74.20	(+75.10)
24TH	HY-13	+71.25	(+72.15)
23TH	HY-12	+68.30	(+69.20)
22TH	HY-11	+65.35	(+66.25)
21TH	HY-10	+62.40	(+63.30)
20TH	HY-09	+59.45	(+60.35)
19TH	HY-08	+56.50	(+57.40)
18TH	HY-07	+53.55	(+54.45)
17TH	HY-06	+50.60	(+51.50)
16TH	HY-05	+47.65	(+48.55)
15TH	HY-04	+44.70	(+45.60)
14TH	HY-03	+41.45	(+42.65)
13TH	HY-16	+38.80	(+39.70)
12TH	HY-15	+35.85	(+36.75)
11TH	HY-14	+32.90	(+33.80)
10TH	HY-13	+29.95	(+30.85)
9TH	HY-12	+27.00	(+27.90)
8TH	HY-11	+24.05	(+24.95)
7TH	HY-10	+21.10	(+22.00)
6TH	HY-09	+18.15	(+19.05)
5TH	HY-08	+15.20	(+16.10)
4TH	HY-07	+12.25	(+13.15)
3RD	HY-06	+9.30	(+10.20)
2ND	HY-05	+6.35	(+7.25)
1ST	HY-04	+3.40	(+4.30)
G	HY-03	+0.45	(+1.35)
HY-01 HY-02	HY-02	HY-02	AT CEILING LEVEL BASEMENT
AT CEILING LEVEL BASEMENT			
HY-01			
BASEMENT		-4070	

BASEMENT PLAN
LVL-4700
NO. OF CARPARKING=1191



SUBJECT:DESIGN OPERATING SEQUENCE FOR THE FIRE FIGHTING SYSTEM

LOW ZONE

S.NO	Fire Service Pump	LEVEL	OPERATION FROM AUTO PUMP		BACK UP IN EMERGENCY	BACK UP FROM OHT	Nos.of Pump
			Start Pressure (in Kg/cm²)	Stop Pressure (in Kg/cm²)			
1	JOCKEY PUMP FOR HYDRANT	G - 12 FLOOR	9 kg/cm2	10 kg/cm2	DIESEL ENGINE FIRE PUMP	EMERGENCY BACK UP CONNECTION PROVIDE FROM OHT TO MAIN DELEIVERY LINE LOW ZONE	One
2	JOCKEY PUMP FOR SPRINKLER	G - 12 FLOOR	9.5 kg/cm2	10 kg/cm2	DIESEL ENGINE FIRE PUMP		One
3	MAIN HYDRANT PUMP	G - 12 FLOOR	8 kg/cm2	MANUAL	DIESEL ENGINE FIRE PUMP		One
4	MAIN SPRINKLER PUMP	G - 12 FLOOR	8.5 kg/cm2	MANUAL	DIESEL ENGINE FIRE PUMP		One
5	DIESEL ENGINE PUMP	G - 12 FLOOR	7 kg/cm2	MANUAL	-		TWO

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