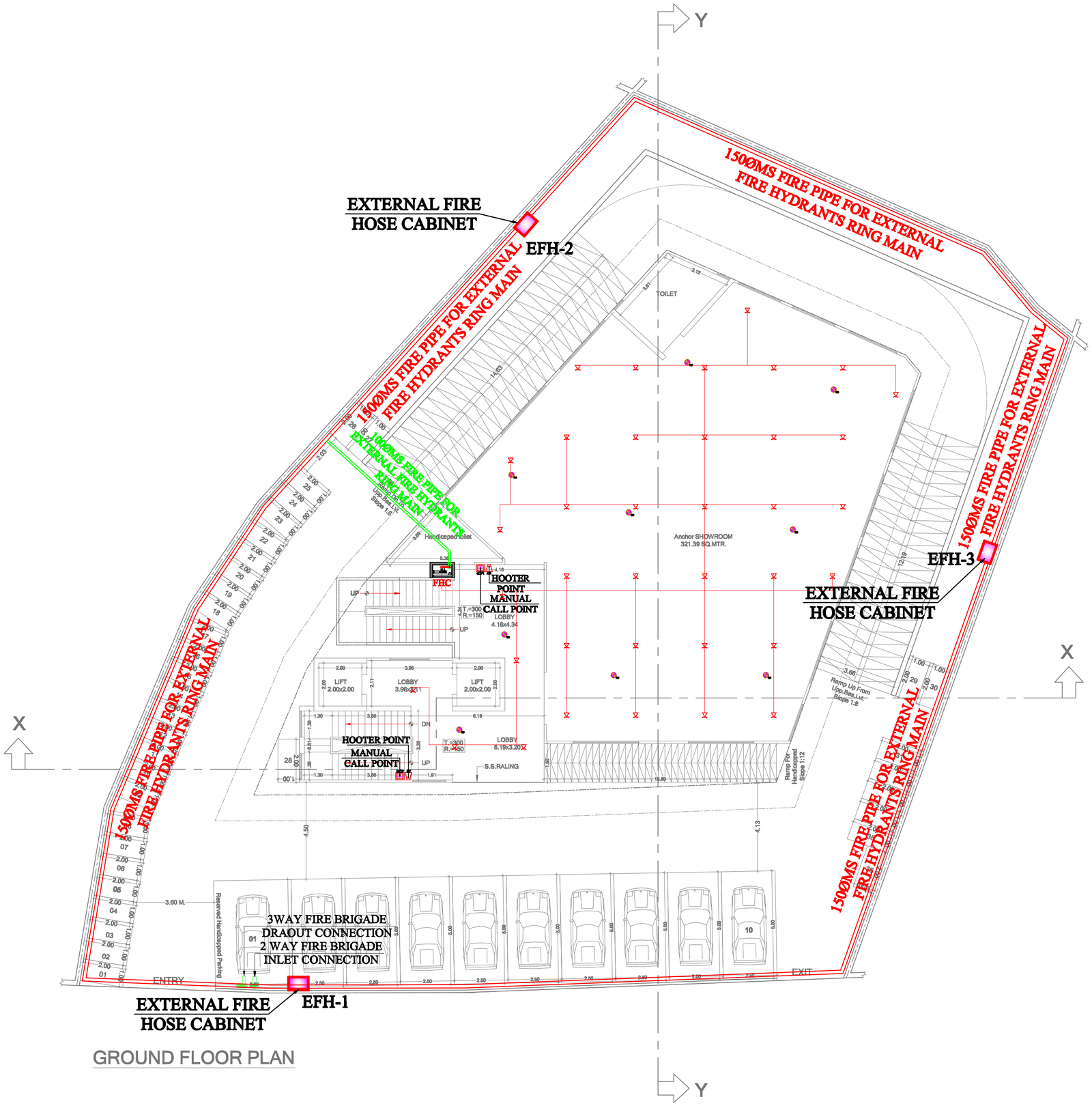


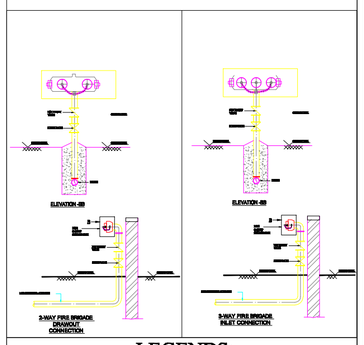
GROUND FLOOR PLAN

SHEET NO. - 03

TITLE:-

SUBMISSION DRAWING

GROUND FLOOR EXTERNAL FIRE HYDRANT & SPRINKLER PLAN



LEGENDS:

Mounting Height	No.	I D	Symbol	Description
CEILING				FIRE PIPE
CEILING	37			CEILING SPRINKLER
CEILING	09	SD		SMOKE DETECTOR
+42"	02	MCP		MANUAL CALL POINT
+90"	02	HT		HOOTER POINT
	01	FHC		FIRE HOSE CABINET

150ØMS FIRE PIPE FOR EXTERNAL FIRE HYDRANTS RING MAIN

100ØMS FIRE PIPE FOR EXTERNAL FIRE HYDRANTS RING MAIN

SERVICES CONSULTANT:
VIPUL CONSULTING,
F 9 / 440, Keshav Marg,Chitrakut Scheme,Jaipur
PH:91-0-93146-10438,0141-2440946
Mail:vipul8599@yahoo.com
REV. NO. 00 DATE: 17-05-2013

TITLE:-

SUBMISSION DRAWING

GROUND FLOOR EXTERNAL FIRE HYDRANT & SPRINKLER PLAN

SCALE :- 1 = 100

DATE :- 08-06-2013

NORTH:-

N

PROJECT:-

PROPOSED COMMERCIAL BUILDING AT KHASRA NO. -17,37&38, SAHAKAR MARG,LAL KOTHI SCHEME, VIL.- BHOJPURA,TEH.-JAIPUR.

ARCHITECTS:-

Tushar Sogani Designs Pvt. Ltd.
architects n designers
F-72, 105, "SURYODAY", '105' ,Subhash Marg,
Bagadiya Bhawan, C-Scheme,Jaipur.
TEL:+91-141-4004560,4004537
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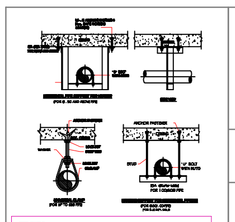
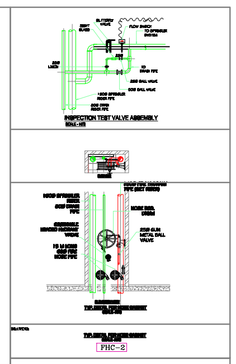
OWNER

ARCHITECTS



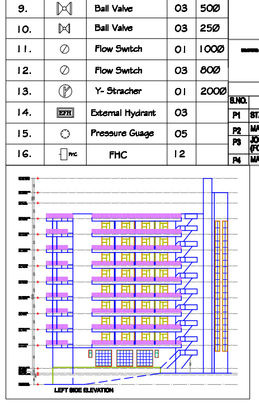
REF. TABLE-					
PIPE DIA(NOM.)	CLAMP QTY. (nos.)	DROP ROD QTY. (nos)	U BOLT Dia(mm)	ANCHOR Dia(mm)	SPACING (M)
25Ø	20x1.2	1Ø	6	1Ø	3.0
32Ø	20x1.2	1Ø	6	1Ø	3.0
40Ø	20x1.2	1Ø	6	1Ø	3.0
50Ø	25x2.0	1Ø	6	1Ø	3.0
65Ø	65X3.0	1Ø	6	1Ø	3.0
80Ø	65X3.0	1Ø	10	1Ø	3.0
PIPE DIA(NOM.)	ISA ROD (mm)	DROP ROD QTY. (nos.)	U BOLT Dia(mm)		SPACING (M)
80Ø	50x50x6	1Ø	6	1Ø	3.0
100Ø	50x50x6	1Ø	10	1Ø	3.0
125Ø	50x50x6	1Ø	10	12	3.0
150Ø	50x50x6	1Ø	12	12	3.0
200Ø	65x65x6	1Ø	12	12	3.0

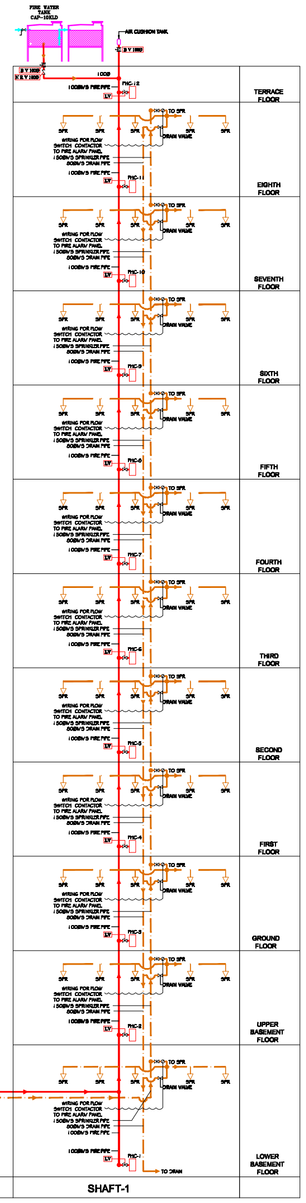
S.no.	Symbol	Description	Qty.	Size in mm
1.		Sluice Valve	01	150Ø
2.		Butter fly Valve	06	250Ø
3.		Butter fly Valve	08	150Ø
4.		Butter fly Valve	06	100Ø
5.		Non Return Valve	01	250Ø
6.		Non Return Valve	07	150Ø
7.		Non Return Valve	03	100Ø
8.		Landing Valve Single headed	12	63Ø
9.		Ball Valve	03	50Ø
10.		Ball Valve	03	25Ø
11.		Flow Switch	01	100Ø
12.		Flow Switch	03	80Ø
13.		Y- Stracher	01	200Ø
14.		External Hydrant	03	
15.		Pressure Guage	05	
16.		FHC	12	

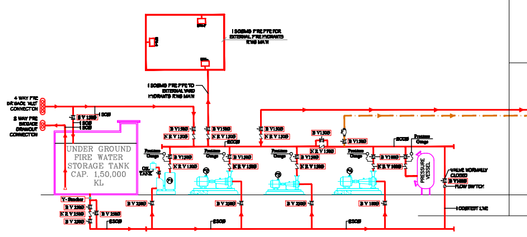


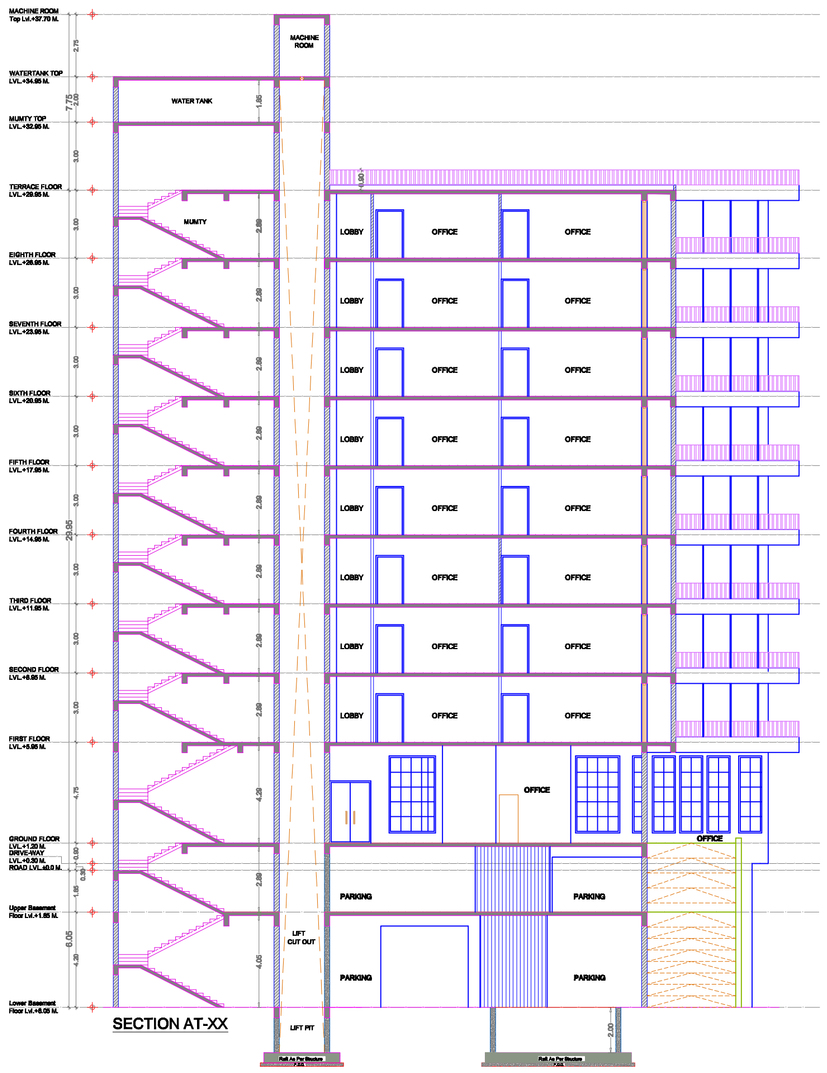
PUMPS DETAILS

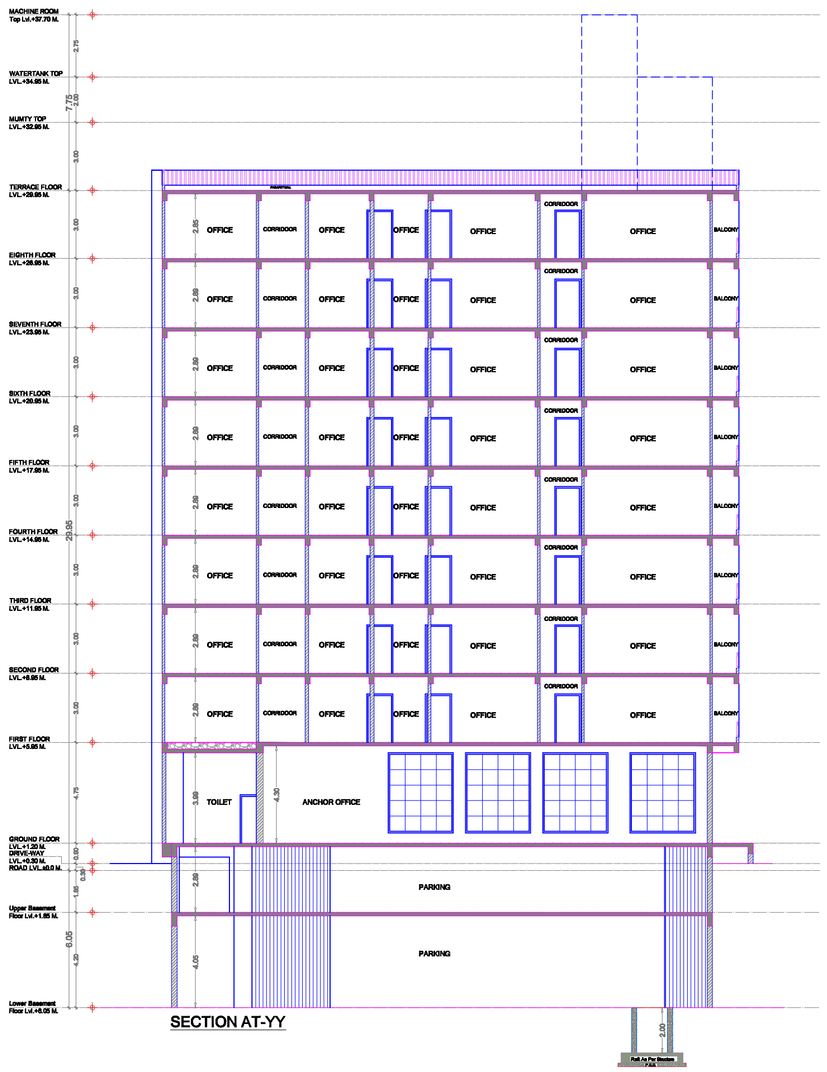
S.NO.	DESCRIPTION	CAPACITY	HEAD	PRIME MOVER
P1	STAND BY PUMP	2280 LPM	70 M	DIESEL ENGINE
P2	MAIN HYDRANT PUMP	2280 LPM	70 M	ELECT.MOTOR
P3	JOCKEY PUMP (FOR HYDRANT SYSTEM)	180 LPM	70 M	ELECT.MOTOR
P4	MAIN SPRINKLER PUMP	2280LPM	70 M	ELECT.MOTOR











SHEET NO. - 05

TITLE:- SUBMISSION DRAWING

SECTIONS & FIRE SCHEMATIC LAYOUT

SCALE :- 1 = 200

NORTH:-

DATE :- 08-06-2013

PROJECT:-

PROPOSED COMMERCIAL BUILDING
AT KHASRA NO. -17,37&38,
SAHAKAR MARG,LAL KOTHI SCHEME,
VILL.- BHOJPURA,TEH.-JAIPUR.

ARCHITECTS:-

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ARCHITECTS