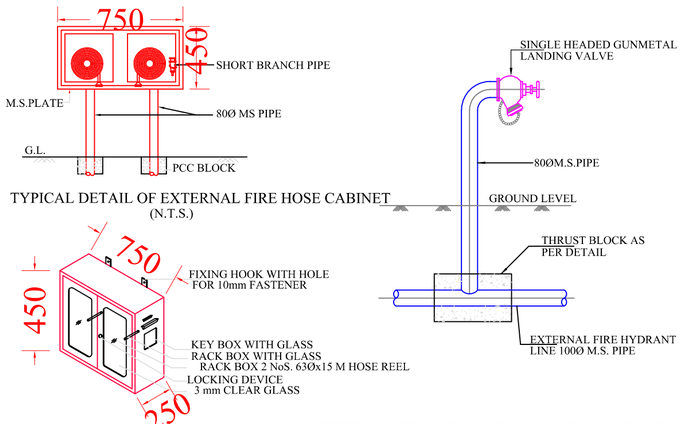


TYPICAL DETAIL OF EXTERNAL FIRE HOSE CABINET
(N.T.S.)

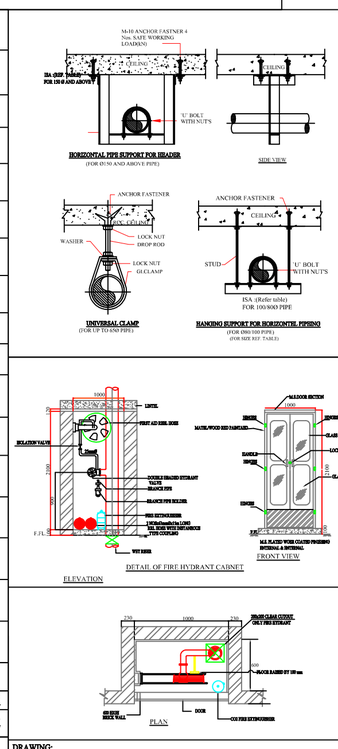
EXTERNAL FIRE HOSE CABINET
(N.T.S.)

TYPICAL DETAIL OF EXTERNAL FIRE HYDRANT
(N.T.S.)

S.no.	Symbol	Description	Qty.	Size inmm
1.		Sluice Valve	02	100Ø
2.		Butter fly Valve	03	200Ø
3.		Butter fly Valve	09	150Ø
4.		Butter fly Valve	01	100Ø
5.		Butter fly Valve	03	80Ø
6.		Non Return Valve	01	200Ø
7.		Non Return Valve	08	150Ø
8.		Non Return Valve	00	100Ø
9.		Non Return Valve	02	80Ø
10.		Landing Valve Single headed	18	63Ø
11.		Ball Valve	14	50Ø
12.		Ball Valve	15	25Ø
13.		Flow Switch	02	
14.		Y- Strainer	01	200Ø
15.	EFH	External Hydrant	04	
16.		Pressure Guage	04	

PUMPS DETAILS

S.NO.	DESCRIPTION	CAPACITY	HEAD	PRIME MOVER
P1	STAND BY PUMP	1620 LPM	70 M	DIESEL ENGINE
P2	MAIN HYDRANT CUM SPRINKLER PUMP	1620 LPM	70 M	ELECT.MOTOR
P3	JOCKEY PUMP	180 LPM	70 M	ELECT.MOTOR



DRAWING:

TYPICAL DETAIL FOR FIRE HOSE CABINET-1
SCALE=NTS
FHC-1

VIPUL AGARWAL
M.E.P. CONSULTANT
B.E. ELECTRICAL

SERVICES CONSULTANT:

ASHI ASSOCIATES

F 9 / 440 , Keshav Marg Chitrakut Scheme,Jaipur
PH:91-0-93146-10438 ,0141-2440946 Mail:vipul8599@yahoo.com

ARCHITECTS:-

SPACE GRID
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BAPU NAGAR,NEAR JANTA
STORE CIRCLE, JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

PROJECT NAME:-

THE MERIDIEN

PROMOTER:-

ORANGE HOME

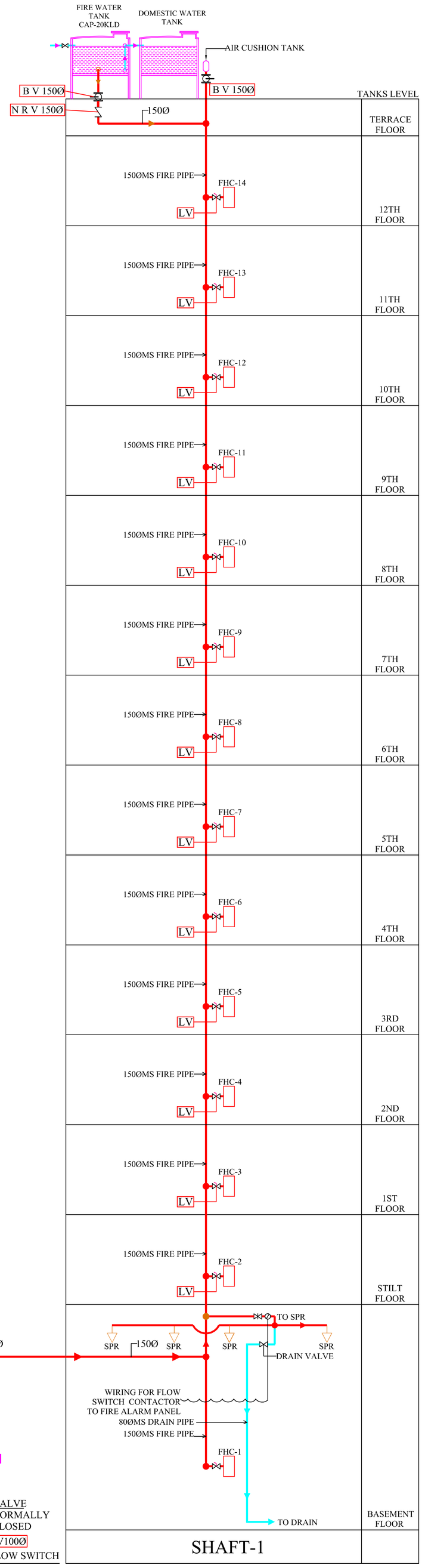
PROJECT ADDRESS:-

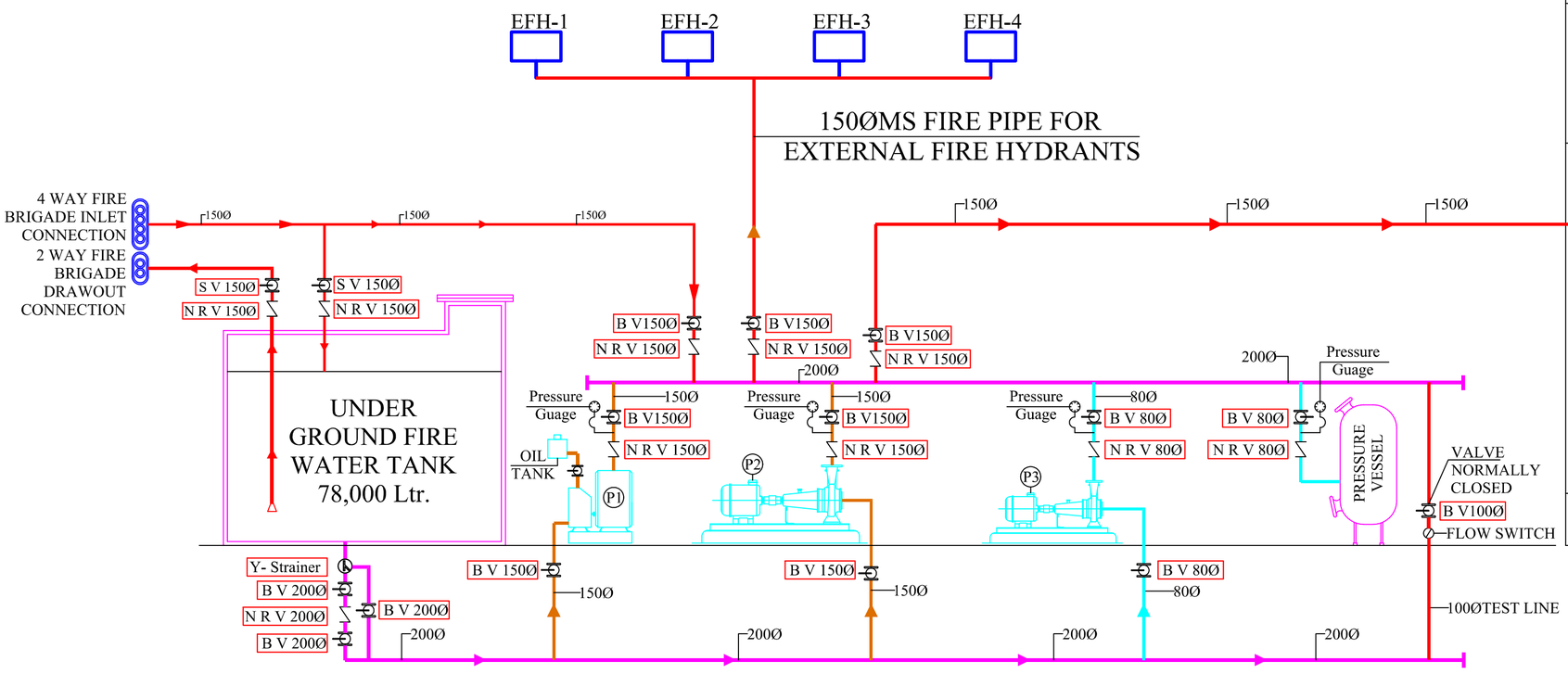
PLOT NO. - F - 14, F - 15, F - 16 RAMESH MARG,C-SCHEME, JAIPUR.

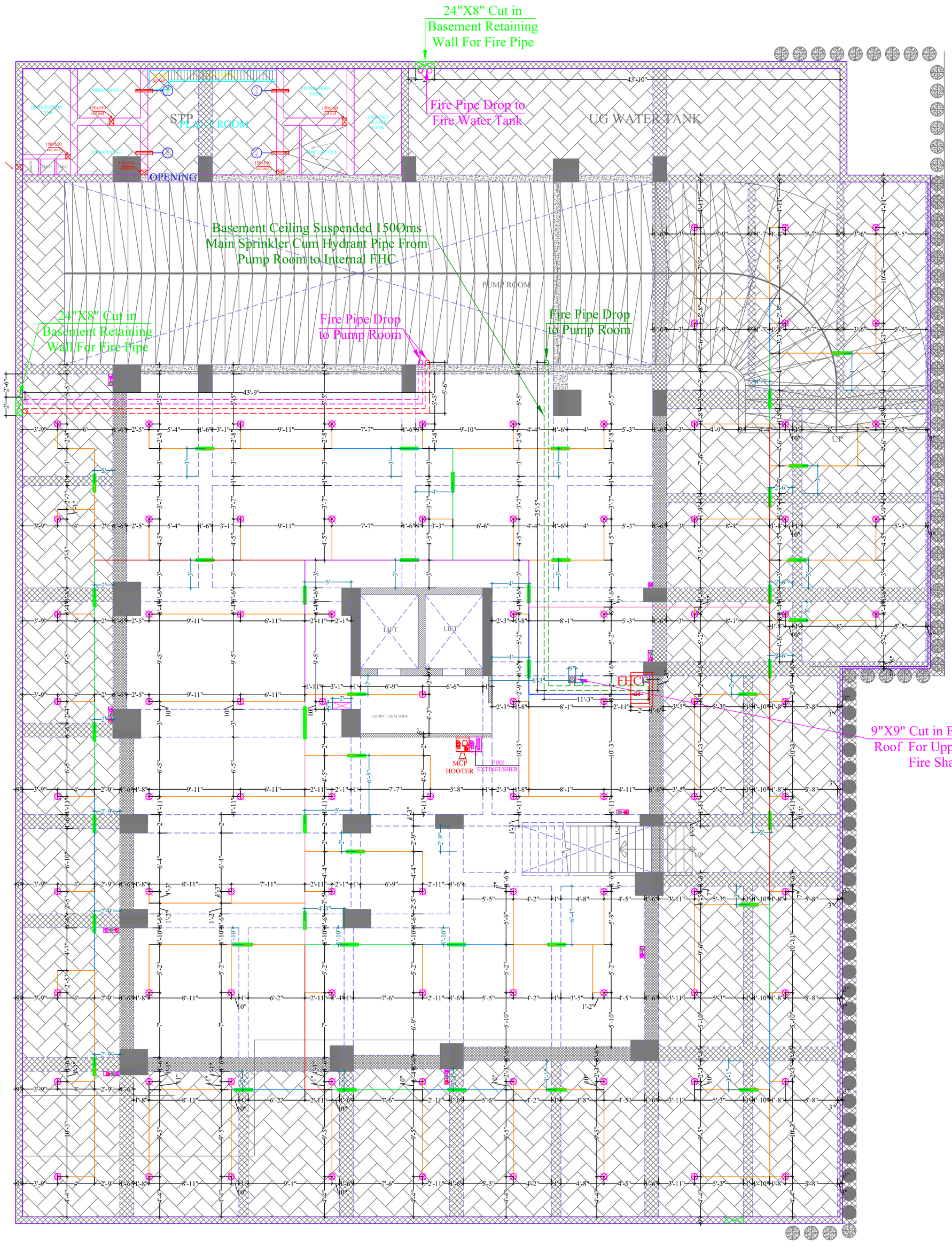
DRAWING:-

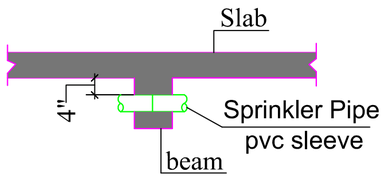
FIRE SCHEMATIC LAYOUT

DATE:- 20-04-2023









Typical Section of Sleeve
in Beam for Sprinkler Pipe/ Lvl
-4" below roof bottom

LEGENDS:

Mounting Ht.	Qty.	Symbol	Description
CEILING	89		PENDANT TYPE SPRINKLER POINT
CEILING	195 mtr.		25 MM DIA. MS PIPE
CEILING	23 mtr.		32 MM DIA. MS PIPE
CEILING	24 mtr.		40 MM DIA. MS PIPE
CEILING	28 mtr.		50 MM DIA. MS PIPE
CEILING	16 mtr.		65 MM DIA. MS PIPE
CEILING	14 mtr.		80 MM DIA. MS PIPE
CEILING	07 mtr.		100 MM DIA. MS PIPE
	01		CONTROL VALVE
	01		FIRE HOSE CABINET

VIPUL AGARWAL
M.E.P. CONSULTANT
B.E. ELECTRICAL

LEGENDS:

No.	Symbol	Description
01		FIRE EXTINGUSHER
01		MANUAL CALL POINT
01		HOOTER POINT

SERVICES CONSULTANT:
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ARCHITECTS:-
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BAPU NAGAR,NEAR JANTA
STORE CIRCLE, JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

PROJECT NAME:-

THE MERIDIEN

PROMOTER:-

ORANGE HOME

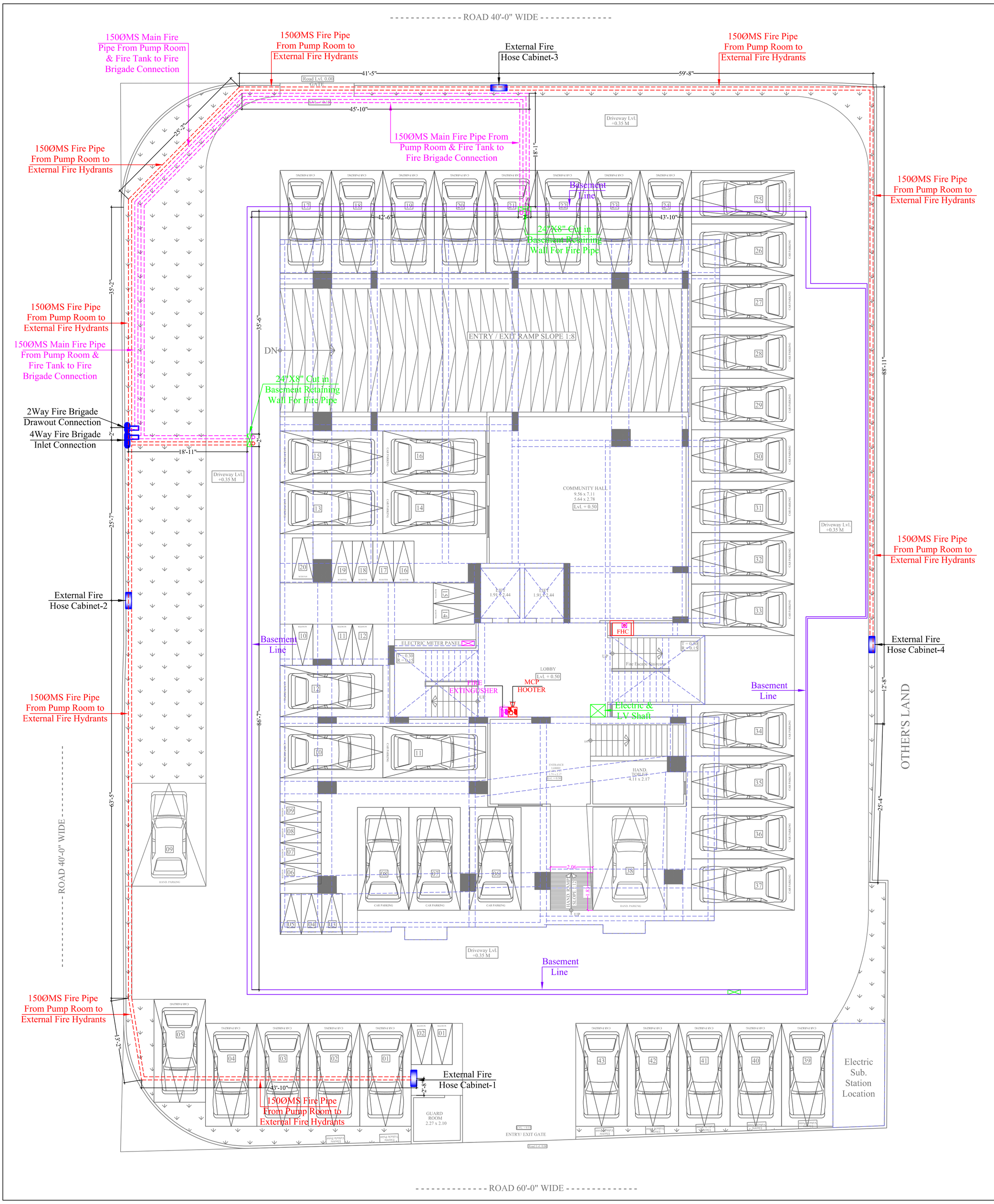
PROJECT ADDRESS:-

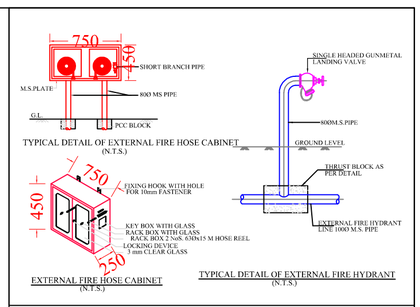
PLOT NO. - F - 14, F - 15, F - 16 RAMESH MARG,C-SCHEME, JAIPUR.

DRAWING:-

BASEMENT FLOOR
SPRINKLER & CEILING
SUSPENDED FIRE PIPE
ROUTE PLAN

DATE:- 20-04-2023

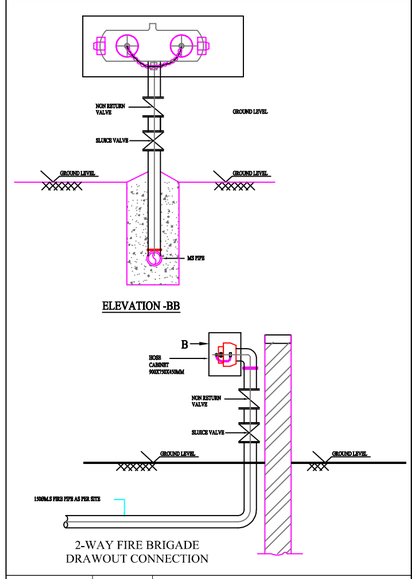




TYPICAL DETAIL OF EXTERNAL FIRE HOSE CABINET
(N.T.S.)

EXTERNAL FIRE HOSE CABINET
(N.T.S.)

TYPICAL DETAIL OF EXTERNAL FIRE HYDRANT
(N.T.S.)



ELEVATION -BB

2-WAY FIRE BRIGADE
DRAWOUT CONNECTION

SYMBOL	QTY.	DESCRIPTION
		150ØMS FIRE PIPE FROM PUMP ROOM TO EXTERNAL FIRE HYDRANTS
		150ØMS MAIN FIRE PIPE FROM PUMP ROOM & FIRE TANK TO FIRE BRIGADE CONNECTION
	14	FIRE HOSE CABINET
	04	EXTERNAL FIRE HOSE CABINET

VIPUL AGARWAL
M.E.P. CONSULTANT
B.E. ELECTRICAL

LEGENDS:

No.	Symbol	Description
01		FIRE EXTINGUSHER
01		MANUAL CALL POINT
01		HOOTER POINT

SERVICES CONSULTANT:
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ARCHITECTS:-
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PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

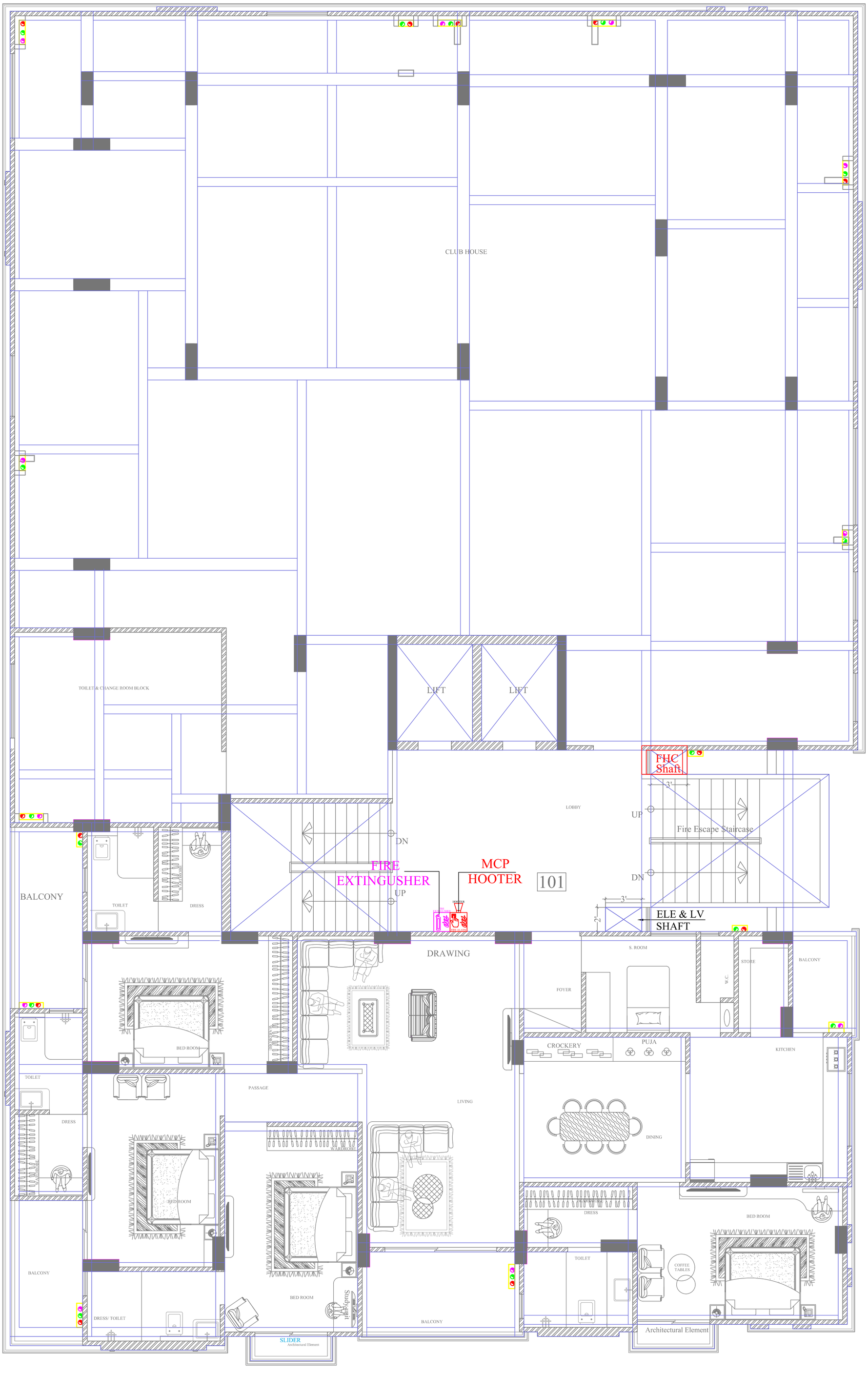
PROJECT NAME:-
THE MERIDIEN

PROMOTER:-
ORANGE HOME

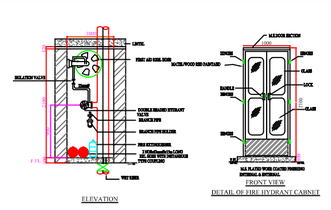
PROJECT ADDRESS:-
PLOT NO. - F - 14, F - 15, F - 16 RAMESH MARG,C-SCHEME, JAIPUR.

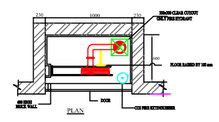
DRAWING:-
STILT FLOOR
EXTERNAL FIRE
HYDRANT PLAN

DATE:- 20-04-2023



VIPUL AGARWAL
M.E.P. CONSULTANT
B.E. ELECTRICAL





DRAWING:

TYPICAL DETAIL FOR FIRE HOSE CABINET-1

SCALE=NTS

FHC-1

LEGENDS:

No.	Symbol	Description
01		FIRE EXTINGUSHER
01		MANUAL CALL POINT
01		HOOTER POINT

SERVICES CONSULTANT:

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ARCHITECTS:-

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PH-09314918766,0141-4005506 (O)

Email:-info.spacegrid@gmail.com

PROJECT NAME:-

THE MERIDIEN

PROMOTER:-

ORANGE HOME

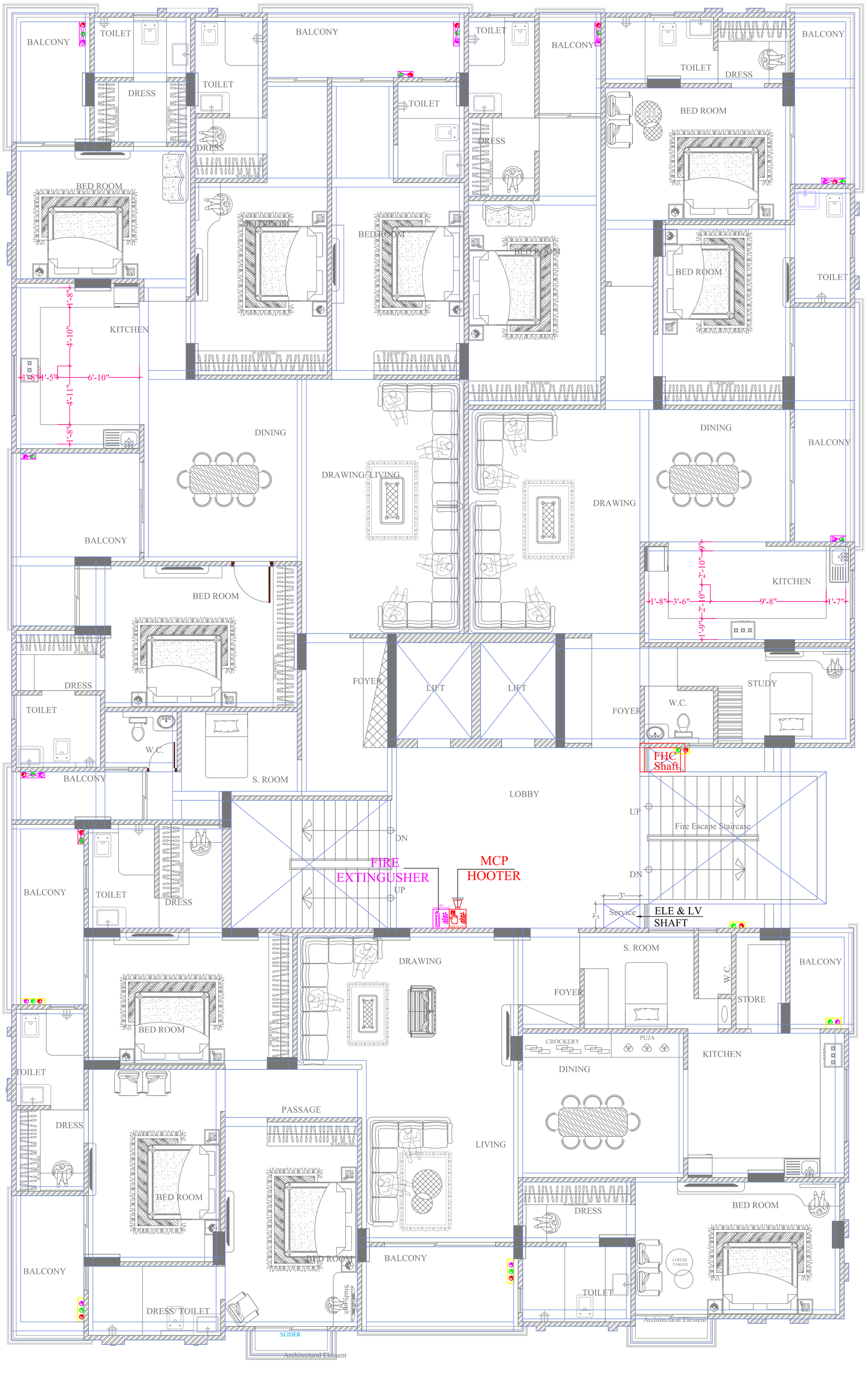
PROJECT ADDRESS:-

PLOT NO. - F - 14, F - 15, F - 16 RAMESH MARG,C-SCHEME, JAIPUR.

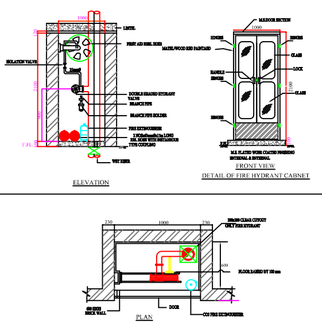
DRAWING:-

1st FLOOR MCP, HOOTER, FIRE EXTINGUSHER & FIRE SHAFT MARKED PLAN

DATE:- 20-04-2023



VIPUL AGARWAL
M.E.P. CONSULTANT
B.E. ELECTRICAL



DRAWING:

TYPICAL DETAIL FOR FIRE HOSE CABINET-1

SCALE=NTS

FHC-1

LEGENDS:

No.	Symbol	Description
01		FIRE EXTINGUSHER
01		MANUAL CALL POINT
01		HOOTER POINT

SERVICES CONSULTANT:
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ARCHITECTS:-
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PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

PROJECT NAME:-

THE MERIDIEN

PROMOTER:-

ORANGE HOME

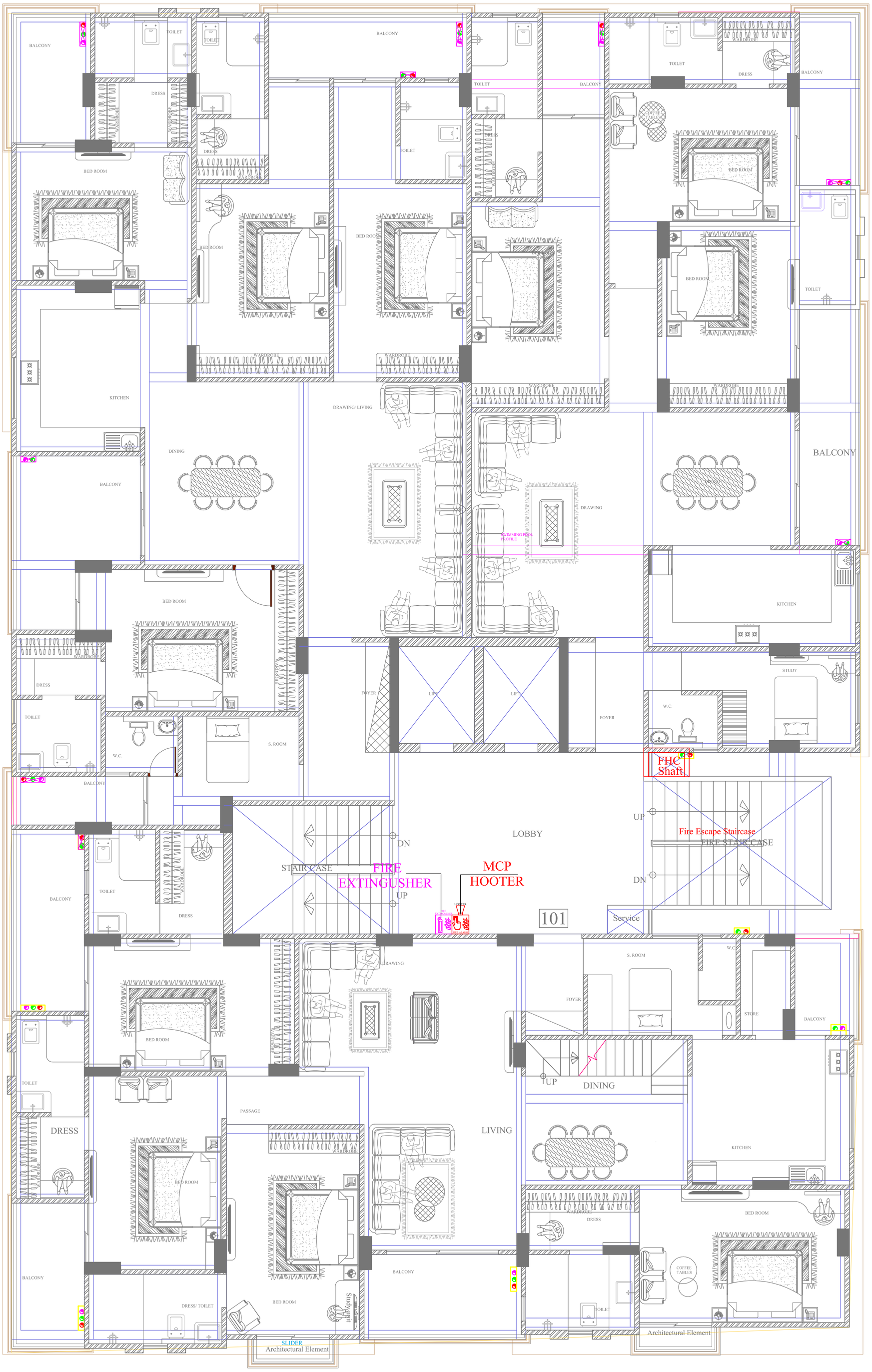
PROJECT ADDRESS:-

PLOT NO. - F - 14, F - 15, F - 16 RAMESH MARG,C-SCHEME, JAIPUR.

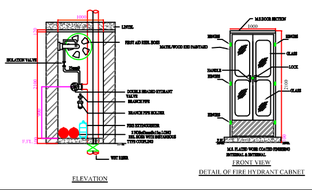
DRAWING:-

2ND TO 11TH FLOOR MCP, HOOTER, FIRE EXTINGUSHER & FIRE SHAFT MARKED PLAN

DATE:- 20-04-2023



VIPUL AGARWAL
M.E.P. CONSULTANT
B.E. ELECTRICAL



DRAWING:

TYPICAL DETAIL FOR FIRE HOSE CABINET-1

SCALE–NTS

FHC-1

LEGENDS:

No.	Symbol	Description
01		FIRE EXTINGUSHER
01		MANUAL CALL POINT
01		HOOTER POINT

SERVICES CONSULTANT:

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ARCHITECTS:-

SPACE GRID

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PH-09314918766,0141-4005506 (O)

Email:-info.spacegrid@gmail.com

PROJECT NAME:-

THE MERIDIEN

PROMOTER:-

ORANGE HOME

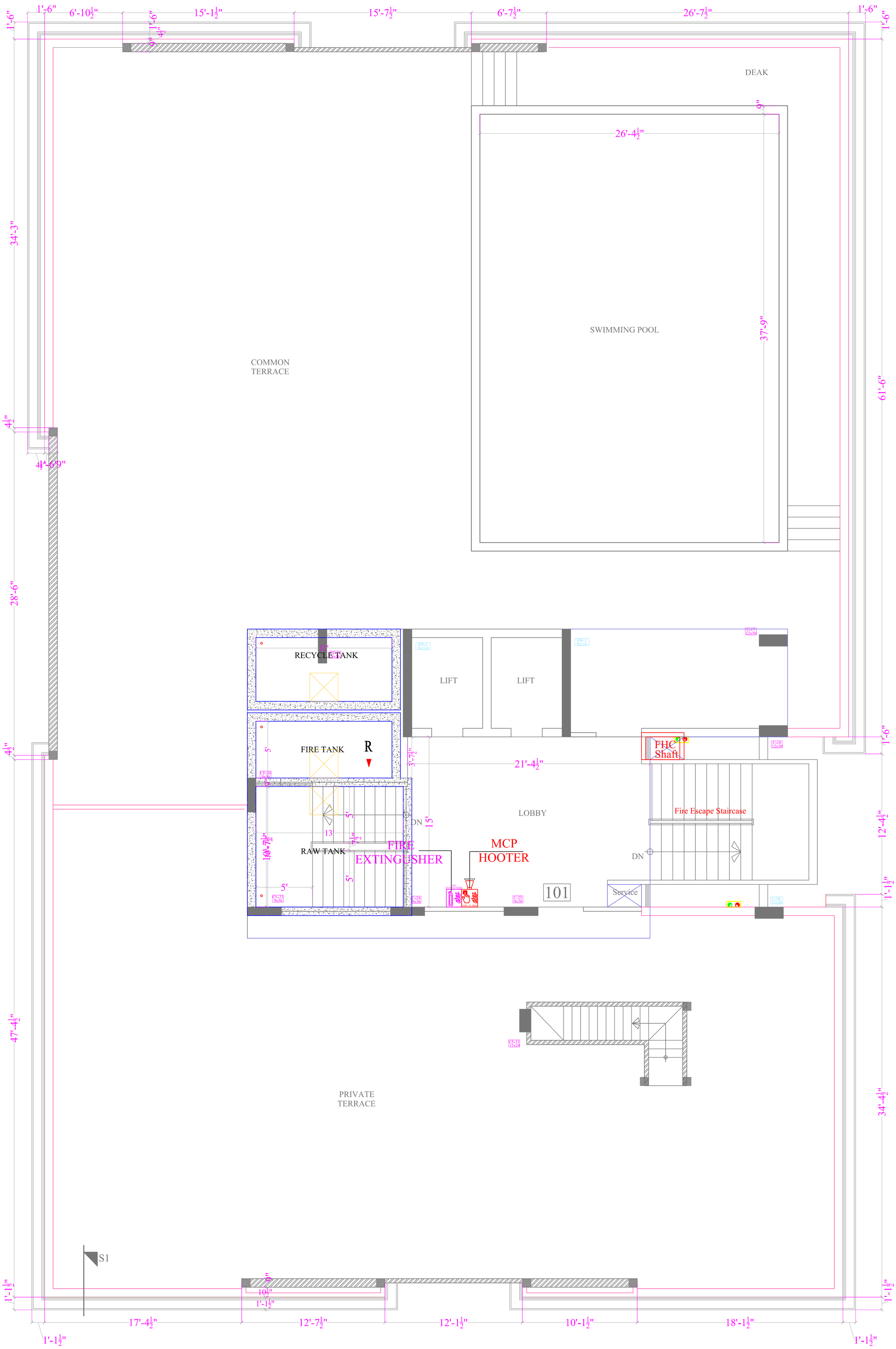
PROJECT ADDRESS:-

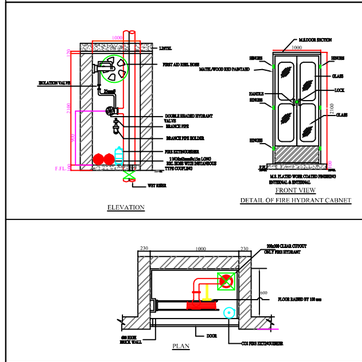
PLOT NO. - F - 14, F - 15, F - 16 RAMESH MARG,C-SCHEME, JAIPUR.

DRAWING:-

12TH FLOOR MCP, HOOTER, FIRE EXTINGUSHER & FIRE SHAFT MARKED PLAN

DATE:- 20-04-2023





DRAWING:

TYPICAL DETAIL FOR FIRE HOSE CABINET-1

SCALE=NTS

FHC-1

LEGENDS:

No.	Symbol	Description
01		FIRE EXTINGUSHER
01		MANUAL CALL POINT
01		HOOTER POINT

VIPUL AGARWAL
M.E.P. CONSULTANT
B.E. ELECTRICAL

SERVICES CONSULTANT:

ASHI ASSOCIATES

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ARCHITECTS:-

SPACE GRID

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PH-09314918766,0141-4005506 (O)

Email:-info.spacegrid@gmail.com

PROJECT NAME:-

THE MERIDIEN

PROMOTER:-

ORANGE HOME

PROJECT ADDRESS:-

PLOT NO. - F - 14, F - 15, F - 16 RAMESH MARG,C-SCHEME, JAIPUR.

DRAWING:-

TERRACE FLOOR MCP, HOOTER, FIRE EXTINGUSHER & FIRE SHAFT MARKED PLAN

DATE:- 20-04-2023