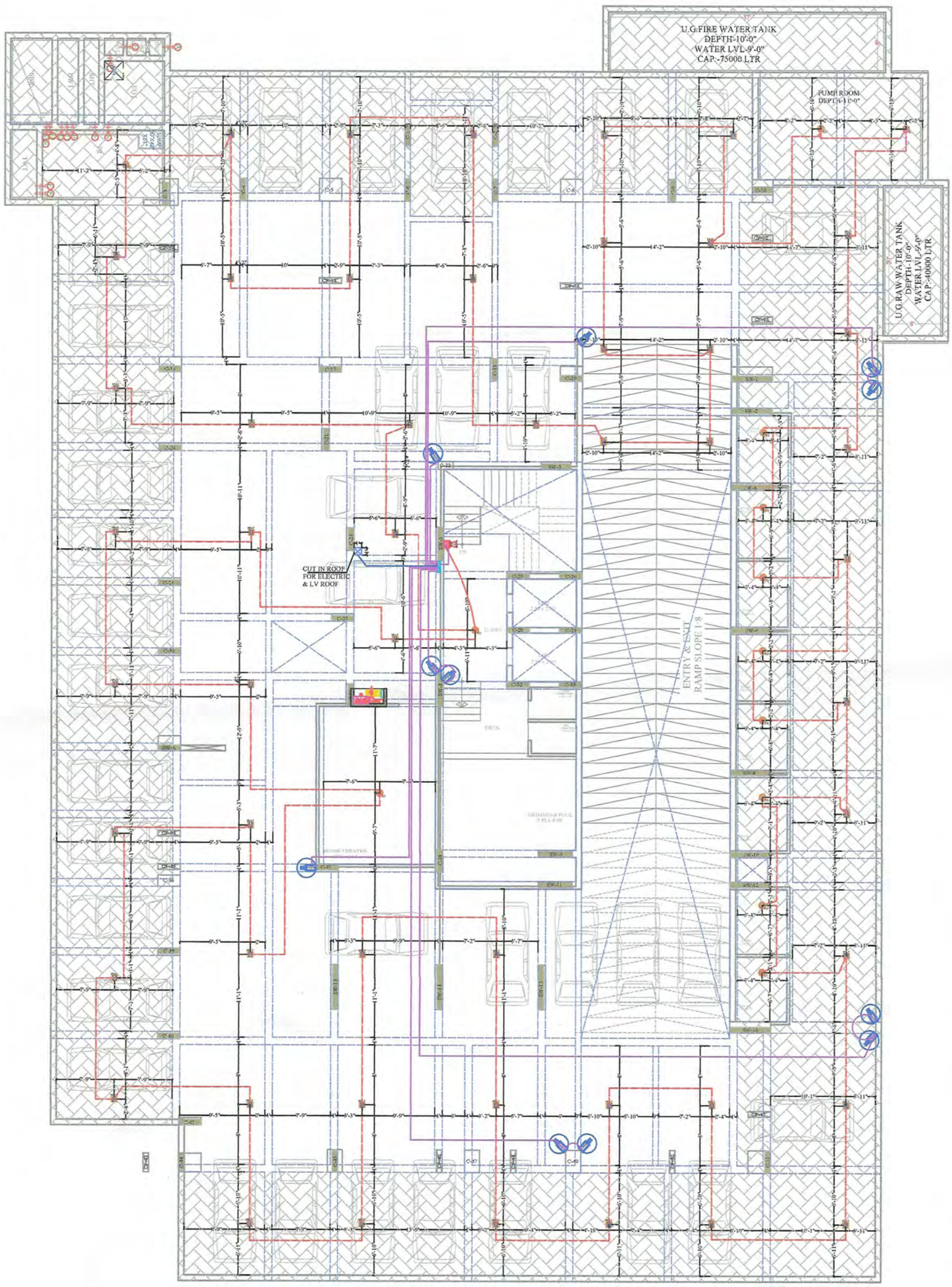


LEGENDS:

Mounting Height	No.	I D	Symbol	Description
IN RCC SLAB		CONDUIT	FIRE	Rigid PVC 25mm dia. Conduit / 2X1.5 sq. mm Copper Wire For Fire Alarm
IN RCC SLAB		CONDUIT	CCTV	Rigid PVC 25mm dia. Conduit (3+1 Coaxial Wire / Cat 6 UTP Cable For Security Camera (C.C.T.V.).
IN RCC SLAB		CONDUIT		Nos. 32 mm dia Conduits From Flat LV System to Drop LV Shaft
CEILING	51	HD		HEAT DETECTOR
CEILING	13	SD		SMOKE DETECTOR
+42"	01	MCP		MANUAL CALL POINT
+90"	01	HO		HOOTER POINT
+90"	11	CCTV		WALL MOUNTED CCTV CAMERA

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

PROJECT NAME
SHREE VINAYAK HOMES

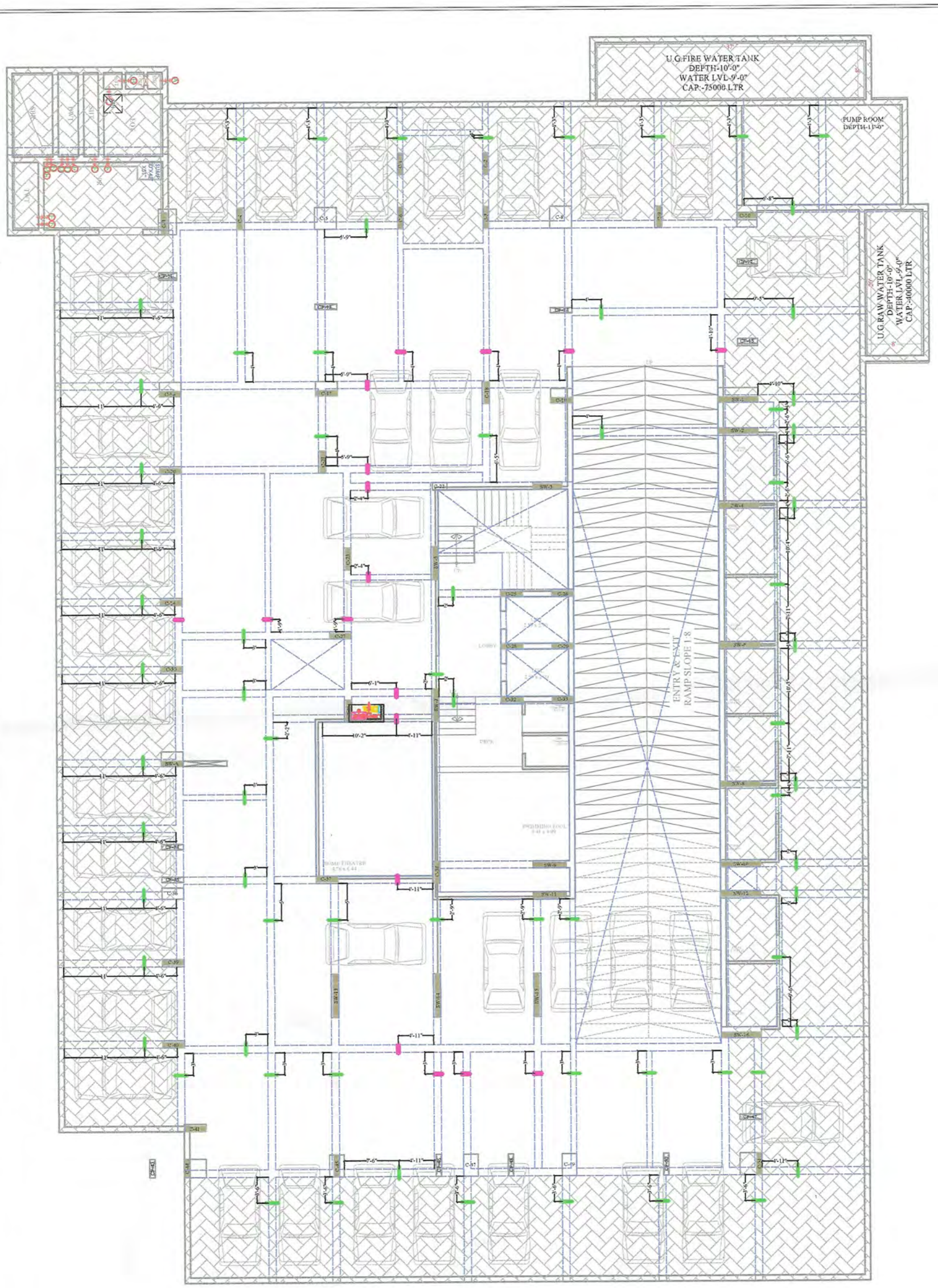
PROMOTER
SHREE VINAYAK BUILDERS

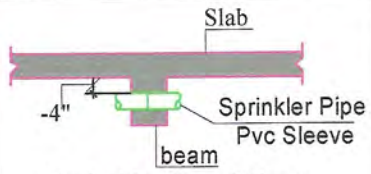
PROJECT:-
PLOT NO. 8 WESTWAY HEIGHTS
VILLAGE - KESOPURA, ASHRPURA,
BHANKROTA, TEH.- SANGANER,
JAIPUR

ARCHITECT :-
SPACE GRID
C-49,VIDYA
APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA
STORE CIRCLE, JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

DRAWING:
BASEMANT FLOOR FIRE ALARM &
CCTV CONDUIT PLAN

DRN. BY:- VIJESH	DATE
CHKD. BY:- SANJAY	07-12-2024
APPD. BY:- VIPUL AGARWAL	





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

LEGENDS:

Mounting Ht.	Qty.	Symbol	Description
IN BEAM	71		100MM DIA. PVC SLEEVE FOR SPRINKLER PIPING -4" BELOW ROOF BOTTOM LVL
IN BEAM	18		150MM DIA. PVC SLEEVE FOR SPRINKLER PIPING -4" BELOW ROOF BOTTOM LVL

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

PROJECT NAME
SHREE VINAYAK HOMES

PROMOTER
SHREE VINAYAK BUILDERS

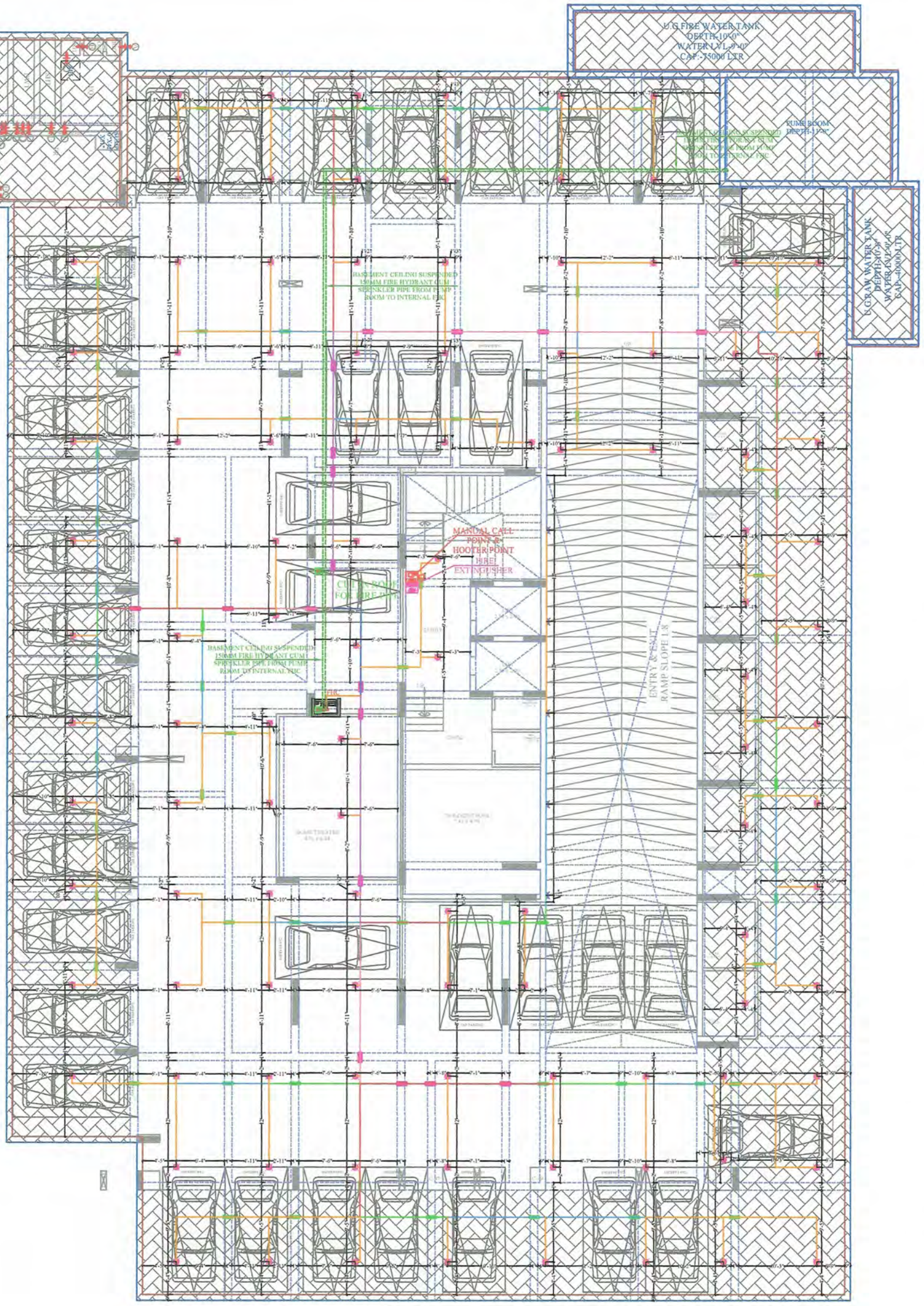
PROJECT:-
PLOT NO. 8 WESTWAY HEIGHTS
VILLAGE - KESOPURA, ASHRPURA,
BHANKROTA, TEH.- SANGANER,
JAIPUR

ARCHITECT :-

SPACE GRID
C-49,VIDYA
APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA
STORE CIRCLE, JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

DRAWING:
BASEMANT FLOOR SPRINKLER SLEEVE PLAN

DRN. BY:- VIJESH	DATE
CHKD. BY:- SANJAY	07-12-2024
APPD. BY:- VIPUL AGARWAL	



LEGENDS:

Mounting Ht.	QTY.	Symbol	Description
WALL	05		EXTENDED SIDE THROW TYPE SPRINKLER POINT
CEILING	108		PENDANT TYPE SPRINKLER POINT
CEILING	244mtr.		25 MM DIA. MS PIPE
CEILING	63mtr.		32 MM DIA. MS PIPE
CEILING	27mtr.		40 MM DIA. MS PIPE
CEILING	48mtr.		50 MM DIA. MS PIPE
CEILING	25mtr.		65 MM DIA. MS PIPE
CEILING	20mtr.		80 MM DIA. MS PIPE
CEILING	05mtr.		100 MM DIA. MS PIPE
CEILING	02mtr.		150 MM DIA. MS PIPE
	61		100 MM DIA. SLEEVE
	18		150 MM DIA. SLEEVE
	01		CONTROL VALVE

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

PROJECT NAME
SHREE VINAYAK HOMES

PROMOTER
SHREE VINAYAK BUILDERS

PROJECT:-
PLOT NO. 8 WESTWAY HEIGHTS
VILLAGE - KESOPURA, ASHRPURA,
BHANKROTA, TEH.- SANGANER,
JAIPUR

ARCHITECT :-

SPACE GRID
C-49,VIDYA
APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA
STORE CIRCLE, JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

DRAWING:
BASEMENT FLOOR
MCP, HOOTER, FIRE
EXTINGUISHER, FIRE SPRINKLER
& CEILING FIRE PIPE ROUTE PLAN

DRN. BY:- VIJESH/PAWAN	DATE
CHKD. BY:- SANJAY	03-01-2025
APPD. BY:- VIPUL AGARWAL	

100ØMS FIRE PIPE FOR EXTERNAL FIRE HYDRANTS

100ØMS FIRE PIPE FOR EXTERNAL FIRE HYDRANTS

130'-6"

U.G.FIRE WATER TANK
DEPTH-10'-0"
WATER LVL-9'-0"
CAP.-75000 LTR

8'-10"

FIRE PIPE DROP DOWN

100ØMS FIRE PIPE FOR EXTERNAL FIRE HYDRANTS

MANUAL CALL POINT & HOOTER POINT FIRE EXTINGUISHER

U.G RAW WATER TANK
DEPTH-10'-0"
WATER LVL-9'-0"
CAP.-40000 LTR

91'-6"

100ØMS FIRE PIPE FOR EXTERNAL FIRE HYDRANTS

150ØMS FIRE PIPE FROM PUMP ROOM AND U.G. WATER TANK TO FIRE BRIGADE CONNECTION

ELECTRIC PANEL

Fire Hose Reel Box

MANUAL CALL POINT & HOOTER POINT FIRE EXTINGUISHER

EXTERNAL FIRE HOSE CABINET-1

ENTRY & EXIT RAMP SLOPE 1:8

EXTERNAL FIRE HOSE CABINET-1

100ØMS FIRE PIPE FOR EXTERNAL FIRE HYDRANTS

104'-7"

500MS FIRE PIPE FROM PUMP ROOM AND U.G. WATER TANK TO FIRE BRIGADE CONNECTION

100ØMS FIRE PIPE FOR EXTERNAL FIRE HYDRANTS

100ØMS FIRE PIPE FROM PUMP ROOM AND U.G. WATER TANK TO FIRE BRIGADE CONNECTION

EXTERNAL FIRE HOSE CABINET-1

4WAY FIRE BRIGADE INLET CONNECTION

100ØMS FIRE PIPE FOR EXTERNAL FIRE HYDRANTS

STILT PLAN WITH CIRCULATION

SECTOR ROAD 24.0 MTR WIDE

5mm OUTLET NOZZLE

63mmØ FABRIC LINED CANVAS FIRE HOSE (15mtr. Each) WITH COUPLING

LEGENDS:

No.	Symbol	Description
02		FIRE EXTINGUSHER
02		MANUAL CALL POINT
02		HOOTER POINT
01		63mmØ FABRIC LINED CANVAS FIRE HOSE (15mtr. Each) WITH COUPLING

4-WAY FIRE BRIGADE INLET CONNECTION

LEGENDS:

SYMBOL	QTY.	DESCRIPTION
		150ØMS FIRE PIPE FROM PUMP ROOM AND U.G. WATER TANK TO FIRE BRIGADE CONNECTION
		100ØMS FIRE PIPE FOR EXTERNAL FIRE HYDRANTS
	01	63mmØ FABRIC LINED CANVAS FIRE HOSE (15m. 1NOS.) WITH COUPLING
	02	EXTERNAL FIRE HOSE CABINET

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

PROJECT NAME

SHREE VINAYAK HOMES

PROMOTER

SHREE VINAYAK BUILDERS

PROJECT:-

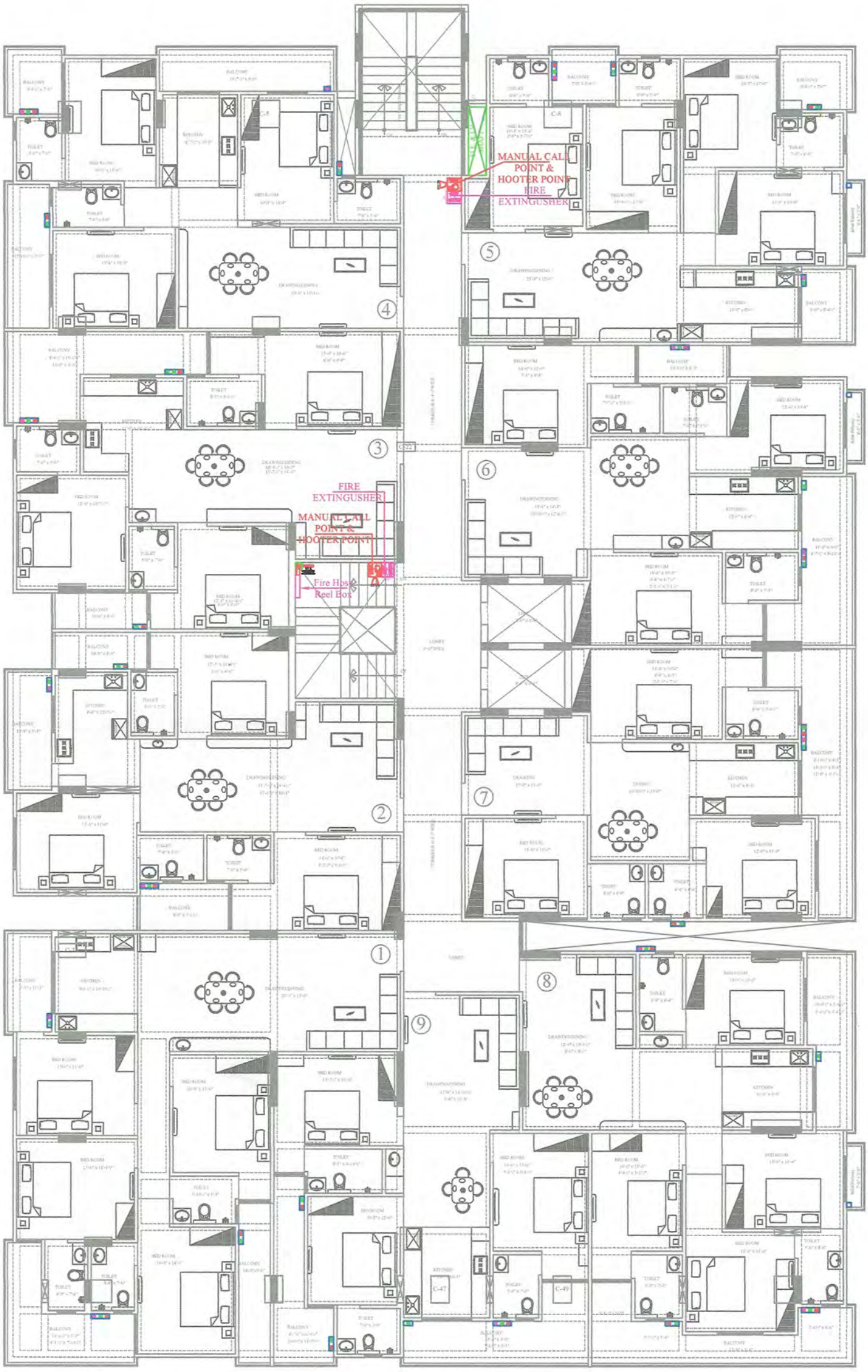
PLOT NO. 8 WESTWAY HEIGHTS VILLAGE - KESOPURA, ASHRPURA, BHANKROTA, TEH.- SANGANER, JAIPUR

ARCHITECT :-

SPACE GRID
C-49,VIDYA APARTMENT,PARAS MARG, BAPU NAGAR,NEAR JANTA STORE CIRCLE, JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

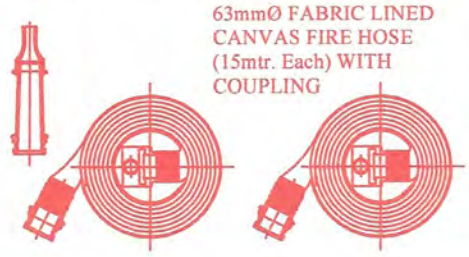
DRAWING:
STILT FLOOR
MCP, HOOTER, FIRE EXTINGUISHER, FIRE HOSE REEL BOX & EXTERNAL FIRE HYDRANT WITH FIRE PIPE ROUTE PLAN

DRN. BY:- VIJESH/PAWAN	DATE
CHKD. BY:- SANJAY	03-01-2025
APPD. BY:- VIPUL AGARWAL	



TYPICAL FLOOR PLAN (2nd to 9th)

5mm OUTLET NOZZLE



LEGENDS:

No.	Symbol	Description
02		FIRE EXTINGUSHER
02		MANUAL CALL POINT
02		HOOTER POINT
01		63mmØ FABRIC LINED CANVAS FIRE HOSE (15mtr. Each) WITH COUPLING

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

PROJECT NAME

SHREE VINAYAK HOMES

PROMOTER

SHREE VINAYAK BUILDERS

PROJECT:-

PLOT NO. 8 WESTWAY HEIGHTS
VILLAGE - KESOPURA, ASHRPURA,
BHANKROTA, TEH.- SANGANER,
JAIPUR

ARCHITECT :-

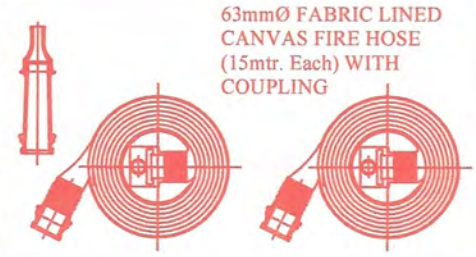
SPACE GRID
C-49,VIDYA
APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA
STORE CIRCLE, JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

DRAWING:
1ST TO 9TH FLOOR
MCP, HOOTER, FIRE
EXTINGUISHER & FIRE HOSE
REEL BOX PLAN

DRN. BY:-	DATE
VIJESH	
CHKD. BY:-	
SANJAY	07-12-2024
APPD. BY:-	
VIPUL AGARWAL	

10th FLOOR PLAN

5mm OUTLET NOZZLE



LEGENDS:

No.	Symbol	Description
02		FIRE EXTINGUSHER
02		MANUAL CALL POINT
02		HOOTER POINT
01		63mmØ FABRIC LINED CANVAS FIRE HOSE (15mtr. Each) WITH COUPLING

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

PROJECT NAME

SHREE VINAYAK HOMES

PROMOTER

SHREE VINAYAK BUILDERS

PROJECT:-

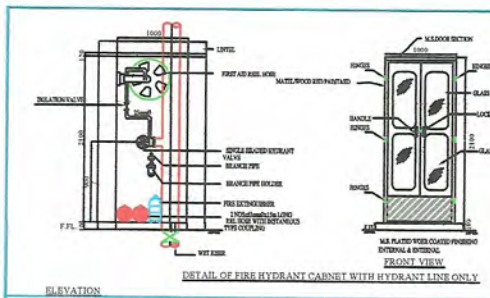
PLOT NO. 8 WESTWAY HEIGHTS
VILLAGE - KESOPURA, ASHRPURA,
BHANKROTA, TEH.- SANGANER,
JAIPUR

ARCHITECT :-

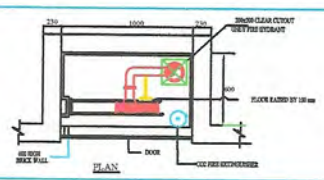
SPACE GRID
C-49,VIDYA
APARTMENT,PARAS MARG,
BAPU NAGAR,NEAR JANTA
STORE CIRCLE, JAIPUR-302015
PH-09314918766,0141-4005506 (O)
Email:-info.spacegrid@gmail.com

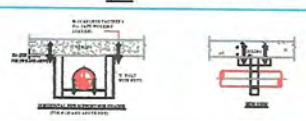
DRAWING:
10TH FLOOR
MCP, HOOTER, FIRE
EXTINGUISHER & FIRE HOSE
REEL BOX PLAN

DRN. BY:- VIJESH	DATE
CHKD. BY:- SANJAY	07-12-2024
APPD. BY:- VIPUL AGARWAL	



DETAIL OF FIRE HYDRANT CABINET WITH HYDRANT LINE ONLY





TYPICAL DETAIL FOR FIRE HOSE CABINET-1

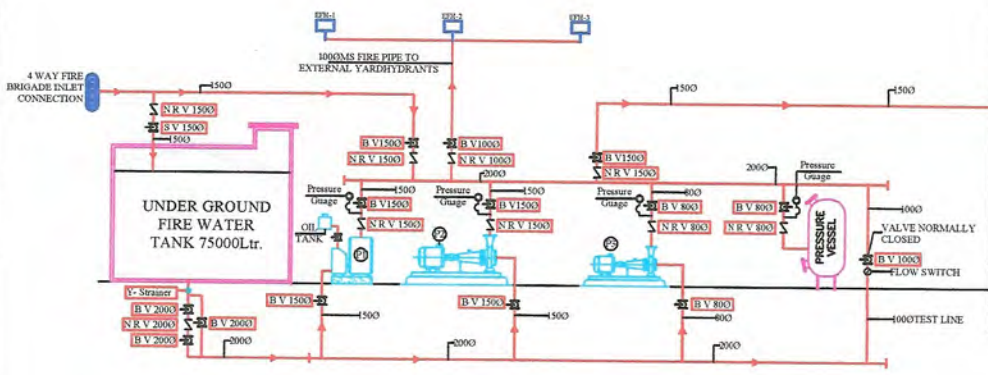
SCALE-NTS

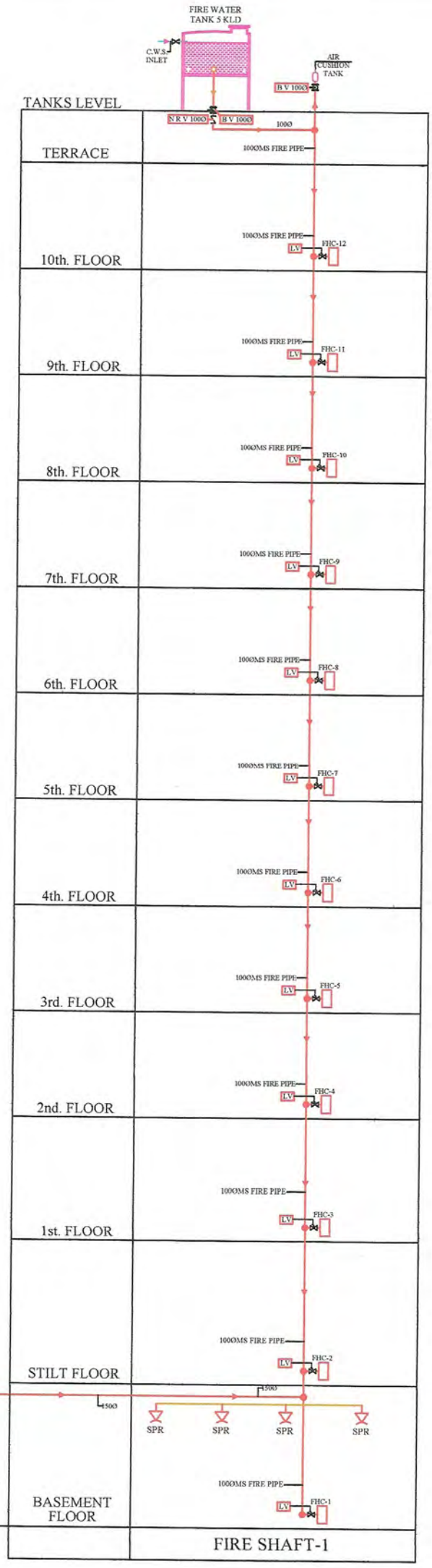
FHC-1

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

PUMPS DETAILS

S.NO.	DESCRIPTION	CAPACITY	HEAD	PRIME MOVER
P1	STAND BY PUMP	2280 LPM	88 M	DIESEL ENGINE
P2	MAIN HYDRANT PUMP	2280 LPM	88 M	ELECT.MOTOR
P3	JOCKEY PUMP (FOR HYDRANT SYSTEM)	180 LPM	88 M	ELECT.MOTOR





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

PROJECT NAME

SHREE VINAYAK HOMES

PROMOTER

SHREE VINAYAK BUILDERS

PROJECT:-

PLOT NO. 8 WESTWAY HEIGHTS VILLAGE - KESOPURA, ASHRPURA, BHANKROTA, TEH.- SANGANER, JAIPUR

DRAWING:

FIRE SCHEMATIC LAYOUT

DRN. BY:-	DATE
VIJESH	
CHKD. BY:-	
SANJAY	07-12-2024
APPD. BY:-	
VIPUL AGARWAL	