

ISSUED FOR :
TENDER
PURPOSE

SHEET NO.

/

Drawing Title:
DIRECTOR RESIDENCE

IEI SINGLE LINE DIAGRAM

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

Drawing Number:
202210-QBU-S4-DR-EL-SLD-001

Revision:
R0

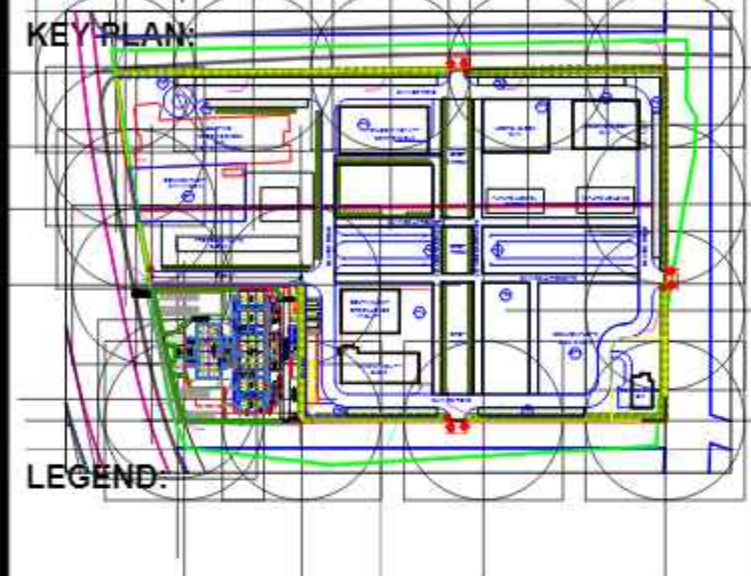
North
05/04/24

Scale:
1:100



Date:
05/04/24

NOTE:
1. Do not scale the drawing.
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm /cm/ m
4. All areas in Sqm.



DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

ARCHITECT:
SURESH GOEL AND ASSOCIATES
ARCHITECTS, ENGINEERS, PLANNERS



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MAIL:mail@sgadesignlab.com

GIFT Urban Development Authority:

HOSTEL BLOCK



HOSTEL BLOCK

ISSUED FOR :
TENDER
PURPOSE

SHEET NO.
/

Drawing Title:
HOSTEL BLOCK

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

Drawing Number:
202210-QBU-S4-HT-EL-SLD-001

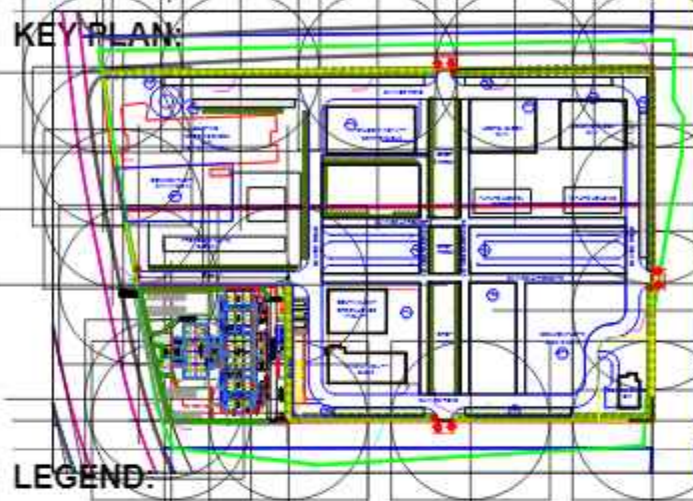
Revision:
R0

North

Scale:
1:100

Date:
05/04/24

NOTE:
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2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm /cm/ m
4. All work-in-Spent

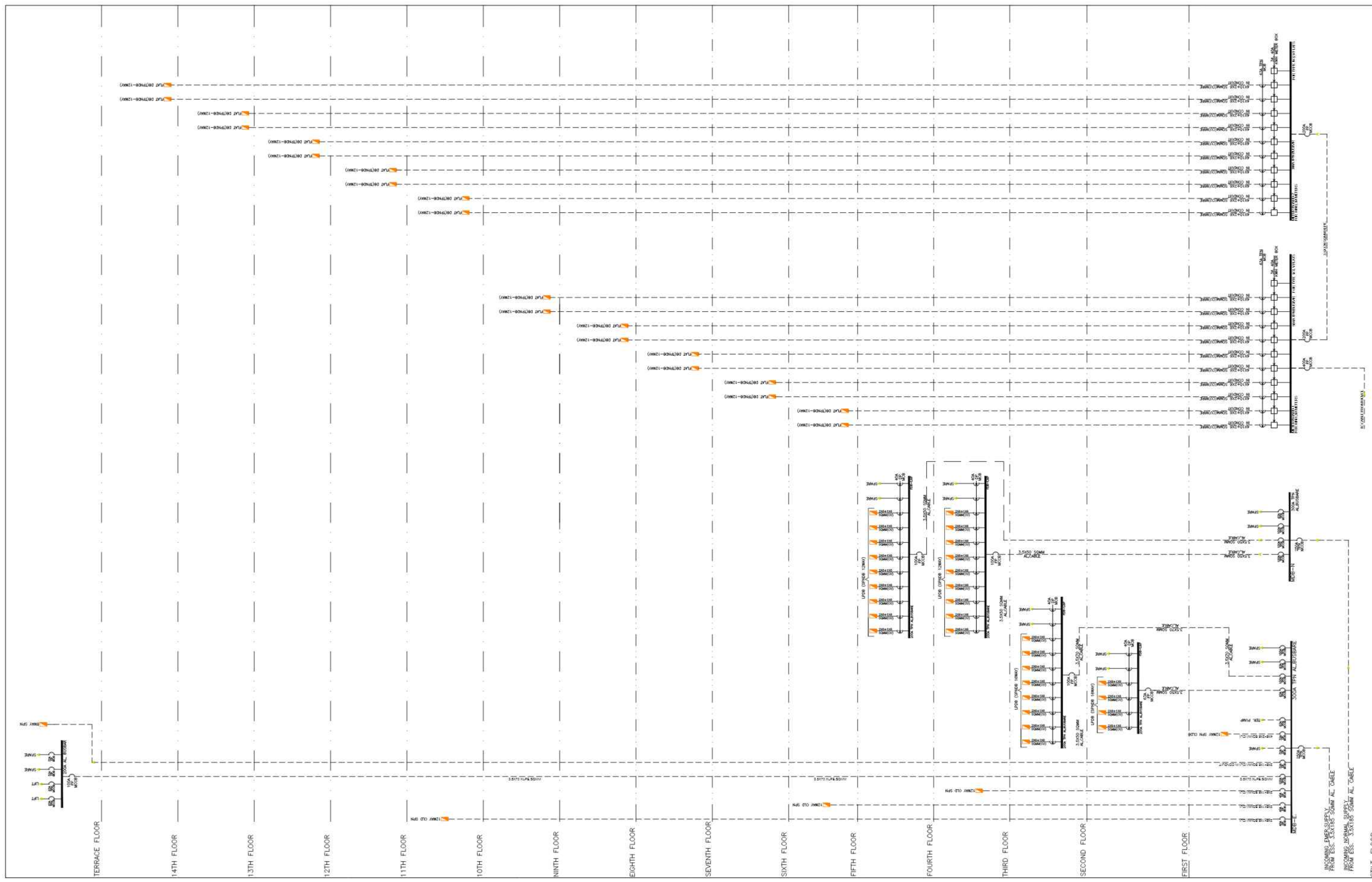


DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

ARCHITECT:
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MAIL:mail@sgadesignlab.com

GIFT Urban Development Authority:



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TENDER
PURPOSE

SHEET NO.
/

Drawing Title:
HOUSING BLOCK

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

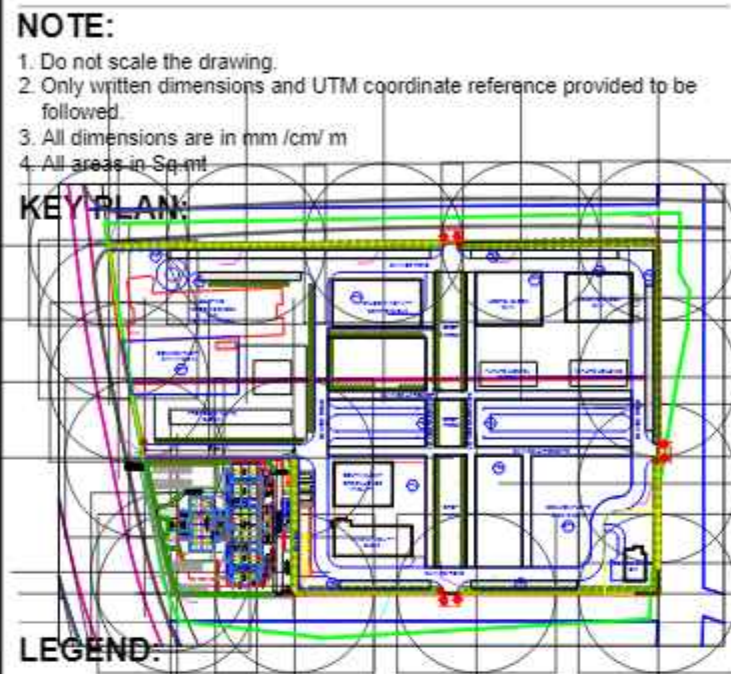
Drawing Number:
202210-GBU-S4-H2-EL-SLD-001

Revision:
R0

North

Scale:
1:100

Date:
05/04/24



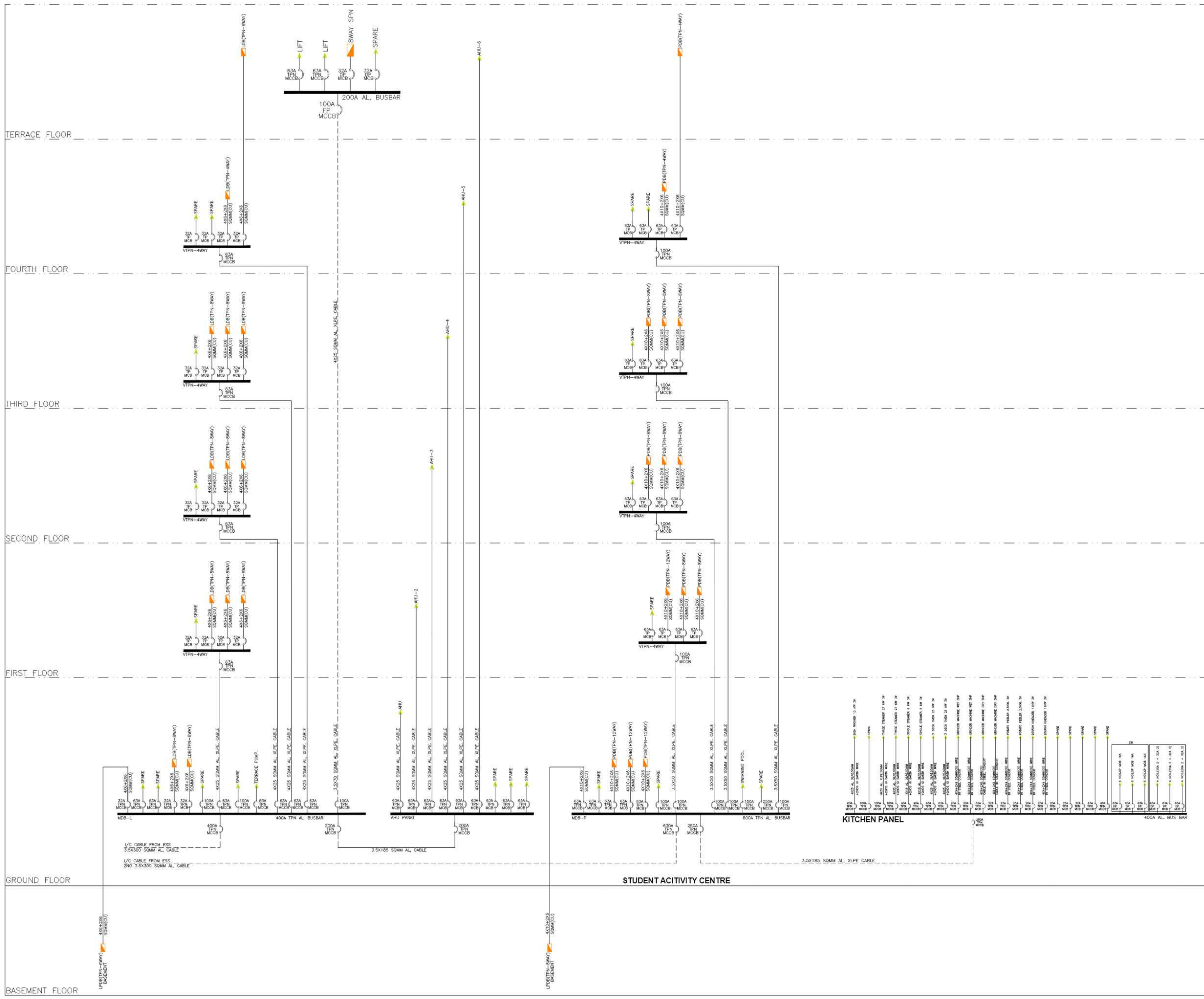
LEGEND:

DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

ARCHITECT:
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GIFT Urban Development Authority:



Drawing Title:
STUDENT ACTIVITY CENTRE

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

Drawing Number:
202210-GBU-S4-SAC-EL-SLD-001

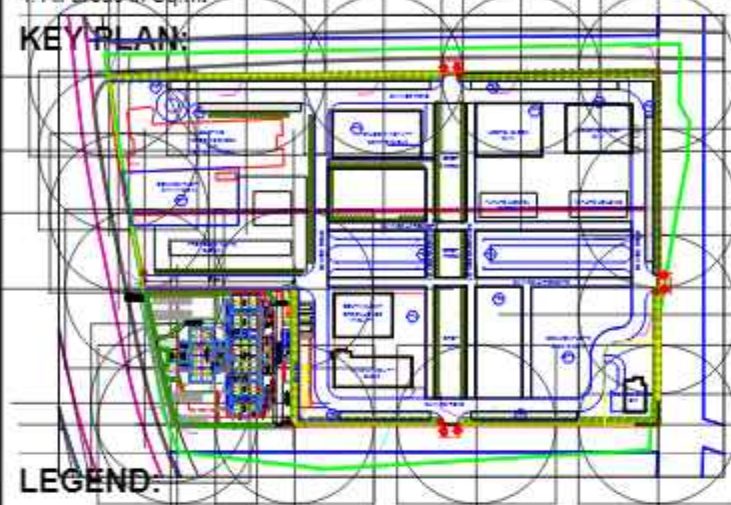
Revision:
R0

North

Scale:
1:100

Date:
05/04/24

NOTE:
1. Do not scale the drawing
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm /cm/ m
4. All work is to be done in accordance with the specifications.



DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

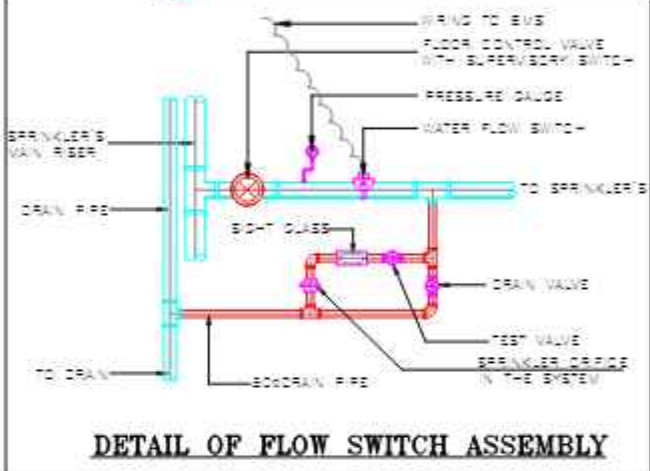
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GIFT Urban Development Authority:



FIRE LEGEND:-	
	FIRE HOSE CABINET
	FLOW SWITCH
	SPRINKLER
	SPRINKLER FEEDER LINE
	SPR BRANCH PIPE
	150MM FIRE PIPE
	BUTTER FLY VALVE
	NON-RETURN VALVE
	F.B.C. FIRE BRIGADE CONNECTION
	M.S. MILD STEEL
	M.S. FIRE PIPE
	ABC (POWDER TYPE) OF 2 Kg. CAPACITY
	ONE NO. 5 Kg. DOP OR CO2 EXTINGUISHER
	FIRE BRIGADE INLET CONNECTION
	EFHC EXTERNAL FIRE HYDRANT



SITE

ITEMS		
NO.	DESCRIPTION	PROVIDED
1	150MM FIRE PIPE	PROVIDED
2	80MM FIRE PIPE	PROVIDED
3	25MM FIRE PIPE	PROVIDED
4	150MM FIRE PIPE	PROVIDED
5	80MM FIRE PIPE	PROVIDED
6	25MM FIRE PIPE	PROVIDED
7	150MM FIRE PIPE	PROVIDED
8	80MM FIRE PIPE	PROVIDED
9	25MM FIRE PIPE	PROVIDED
10	150MM FIRE PIPE	PROVIDED
11	80MM FIRE PIPE	PROVIDED
12	25MM FIRE PIPE	PROVIDED
13	150MM FIRE PIPE	PROVIDED
14	80MM FIRE PIPE	PROVIDED
15	25MM FIRE PIPE	PROVIDED
16	150MM FIRE PIPE	PROVIDED
17	80MM FIRE PIPE	PROVIDED
18	25MM FIRE PIPE	PROVIDED
19	150MM FIRE PIPE	PROVIDED
20	80MM FIRE PIPE	PROVIDED

Drawing Title:
HOSTEL_BLOCK
STILT FLOOR PLAN FIRE FIGHTING LAYOUT

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

Drawing Number:
202210-GBU-H1-S3-PF-001

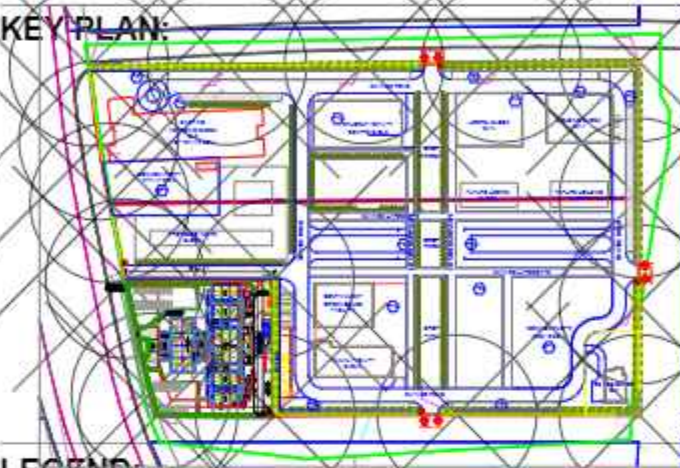
Revision:
R0

North

Scale:
1:100

Date:
05/04/24

NOTE:
1. Do not scale the drawing
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm (cm/ m)
4. All dimensions are in mm (cm/ m)



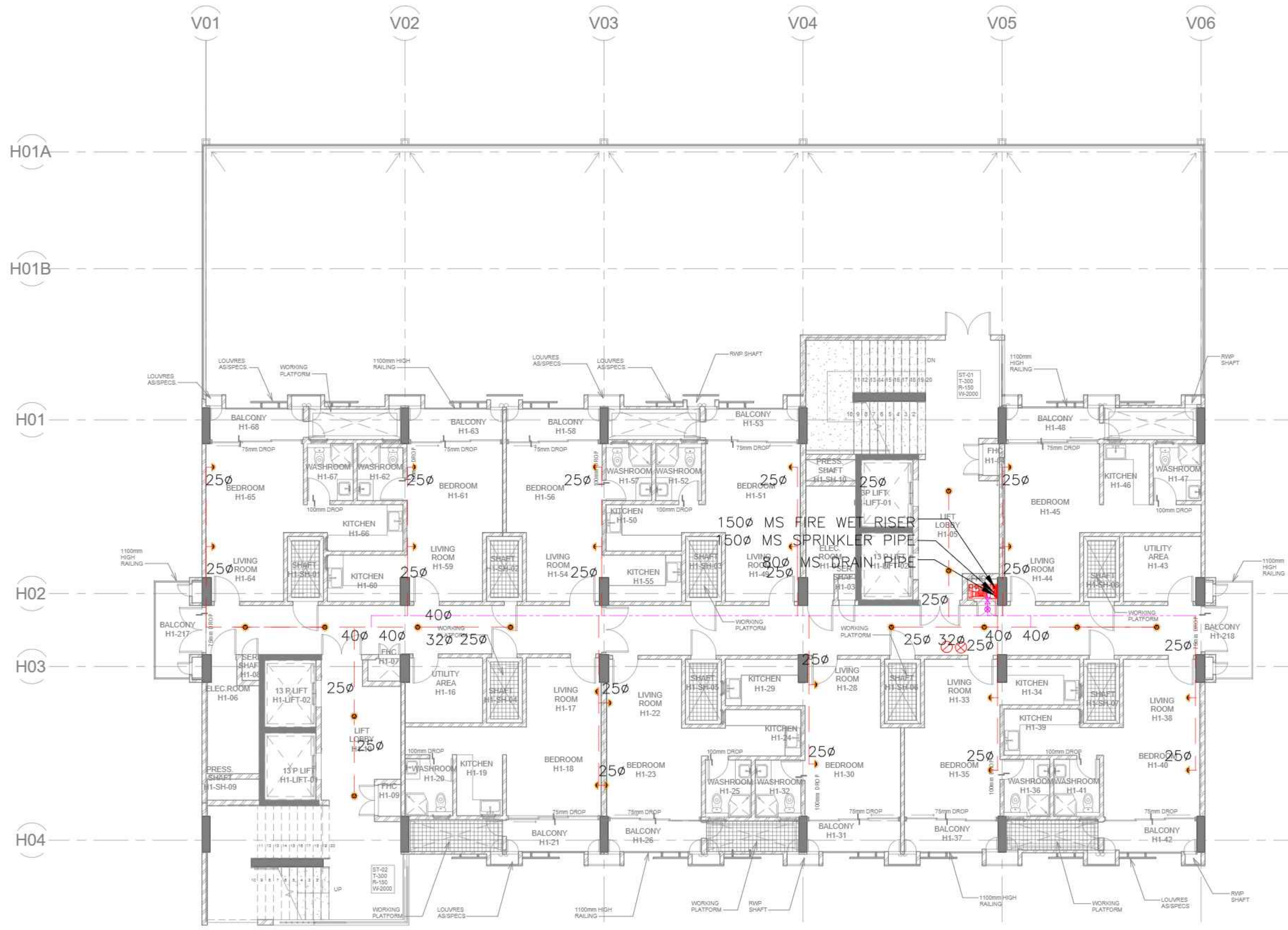
LEGEND:

DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

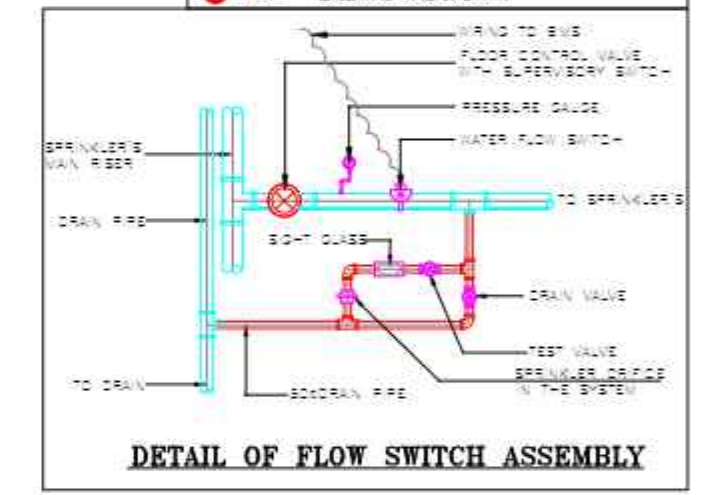
ARCHITECT:
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GIFT Urban Development Authority:



FIRE LEGEND:-		
	FHC	FIRE HOSE CABINET
	FS	FLOW SWITCH
	SPR	SPRINKLER
	SFL	SPRINKLER FEEDER LINE
	SPB	SPR BRANCH PIPE
	150	150mm FIRE PIPE
	B.F.V.	BUTTER FLY VALVE
	N.R.V.	NON-RETURN VALVE
	F.B.C.	FIRE BRIGADE CONNECTION
	M.S.	MILD STEEL
	M.S.	M.S. FIRE PIPE
	ABC	ABC (POWDER TYPE) OF 2 Kg. CAPACITY
	CO2	CO2 EXTINGUISHER
	F.B.I.C.	FIRE BRIGADE INLET CONNECTION
	E.F.H.	EXTERNAL FIRE HYDRANT



Sl. No.	Item	Remarks	Remarks
1	1. FIRE HOSE CABINET	PROVIDED	PROVIDED
2	2. FLOW SWITCH	PROVIDED	PROVIDED
3	3. SPRINKLER	PROVIDED	PROVIDED
4	4. SPRINKLER FEEDER LINE	PROVIDED	PROVIDED
5	5. SPRINKLER BRANCH PIPE	PROVIDED	PROVIDED
6	6. 150mm FIRE PIPE	PROVIDED	PROVIDED
7	7. BUTTER FLY VALVE	PROVIDED	PROVIDED
8	8. NON-RETURN VALVE	PROVIDED	PROVIDED
9	9. FIRE BRIGADE CONNECTION	PROVIDED	PROVIDED
10	10. MILD STEEL	PROVIDED	PROVIDED
11	11. M.S. FIRE PIPE	PROVIDED	PROVIDED
12	12. ABC (POWDER TYPE) OF 2 Kg. CAPACITY	PROVIDED	PROVIDED
13	13. CO2 EXTINGUISHER	PROVIDED	PROVIDED
14	14. FIRE BRIGADE INLET CONNECTION	PROVIDED	PROVIDED
15	15. EXTERNAL FIRE HYDRANT	PROVIDED	PROVIDED

Drawing Title:
HOSTEL_BLOCK
FIRST FLOOR PLAN FIRE FIGHTING LAYOUT

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

Drawing Number:
202210-GBU-H1-S3-FF-002

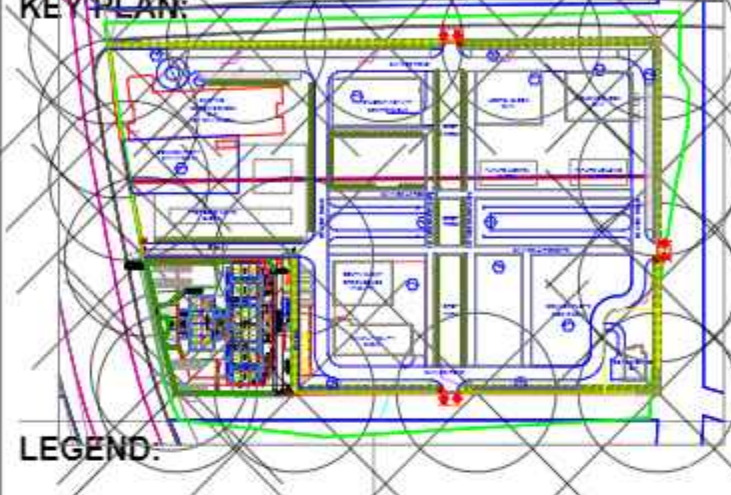
Revision:
R0

North

Scale:-
1:100

Date:
05/04/24

NOTE:
1. Do not scale the drawing
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm (cm/ m)
4. All areas in Sq.m

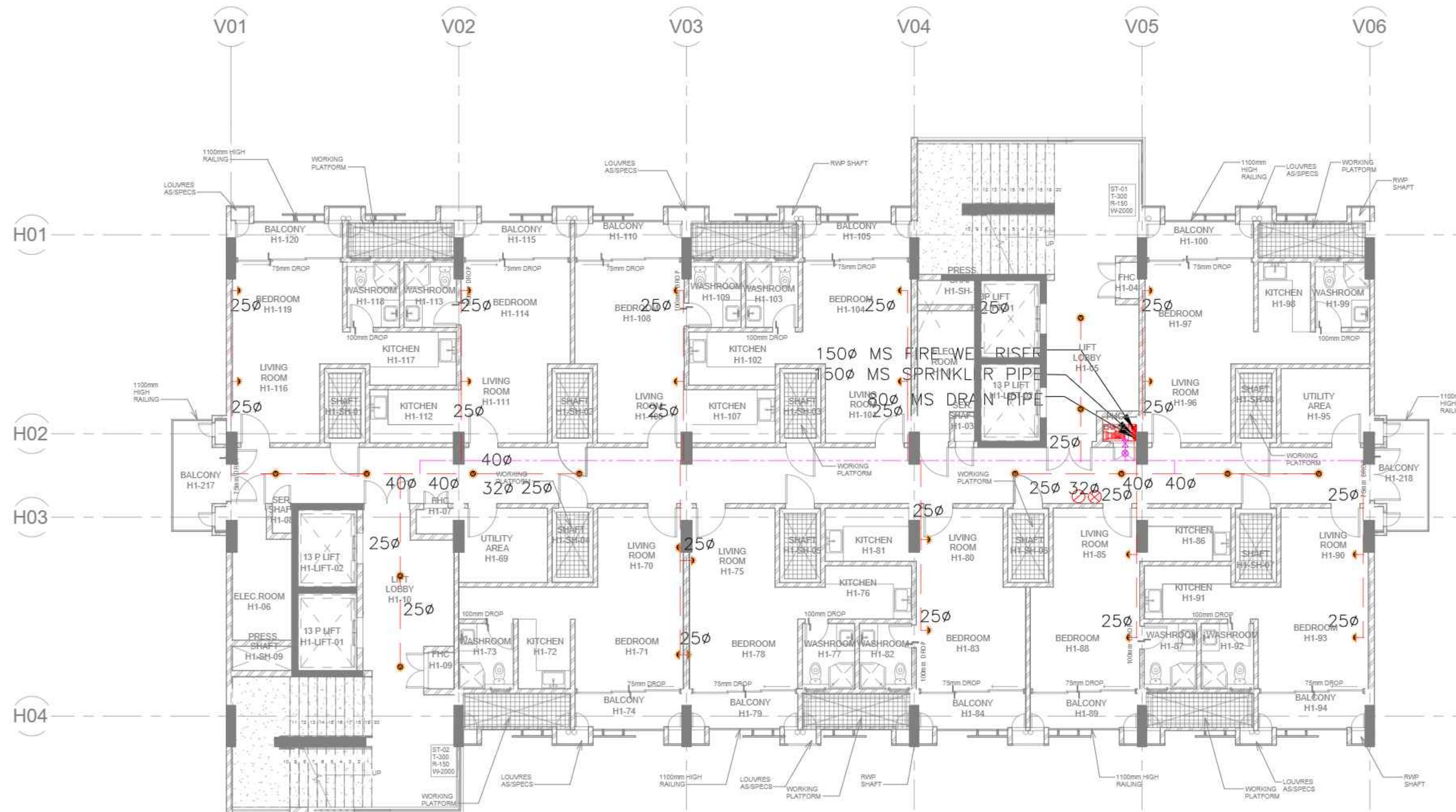


DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

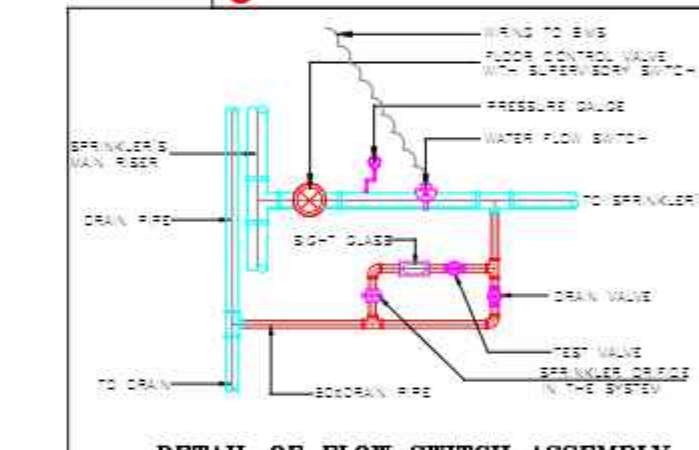
ARCHITECT:
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GIFT Urban Development Authority:



FIRE LEGEND:-	
	FIRE HOSE CABINET
	FLOW SWITCH
	SPRINKLER
	SPRINKLER FEEDER LINE
	SPR BRANCH PIPE
	150mm FIRE PIPE
	BUTTER FLY VALVE
	NON-RETURN VALVE
	F.B.C FIRE BRIGADE CONNECTION
	M.S. MILD STEEL
	M.S. FIRE PIPE
	ABC (POWDER TYPE) OF 2 Kg. CAPACITY
	ONE NO. 5 Kg. DCP OR CO2 EXTINGUISHER
	FIRE BRIGADE INLET CONNECTION
	EXTERNAL FIRE HYDRANT



ITEMS		SPECIFICATION (AS PER REQUIREMENT)	
S.NO	ITEMS	PROVIDED (AS PER REQD)	PROVIDED (AS PER REQD)
1	WIRE MESH SCREENS	PROVIDED (AS PER REQD)	PROVIDED (AS PER REQD)
2	WIRE MESH SCREENS	PROVIDED (AS PER REQD)	PROVIDED (AS PER REQD)
3	WIRE MESH SCREENS	PROVIDED (AS PER REQD)	PROVIDED (AS PER REQD)
4	WIRE MESH SCREENS	PROVIDED (AS PER REQD)	PROVIDED (AS PER REQD)
5	WIRE MESH SCREENS	PROVIDED (AS PER REQD)	PROVIDED (AS PER REQD)
6	WIRE MESH SCREENS	PROVIDED (AS PER REQD)	PROVIDED (AS PER REQD)
7	WIRE MESH SCREENS	PROVIDED (AS PER REQD)	PROVIDED (AS PER REQD)
8	WIRE MESH SCREENS	PROVIDED (AS PER REQD)	PROVIDED (AS PER REQD)
9	WIRE MESH SCREENS	PROVIDED (AS PER REQD)	PROVIDED (AS PER REQD)
10	WIRE MESH SCREENS	PROVIDED (AS PER REQD)	PROVIDED (AS PER REQD)
11	WIRE MESH SCREENS	PROVIDED (AS PER REQD)	PROVIDED (AS PER REQD)

Drawing Title:
HOSTEL_BLOCK
SECOND FLOOR PLAN FIRE FIGHTING LAYOUT

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

Drawing Number:
202210-GBU-H1-S3-FF-003

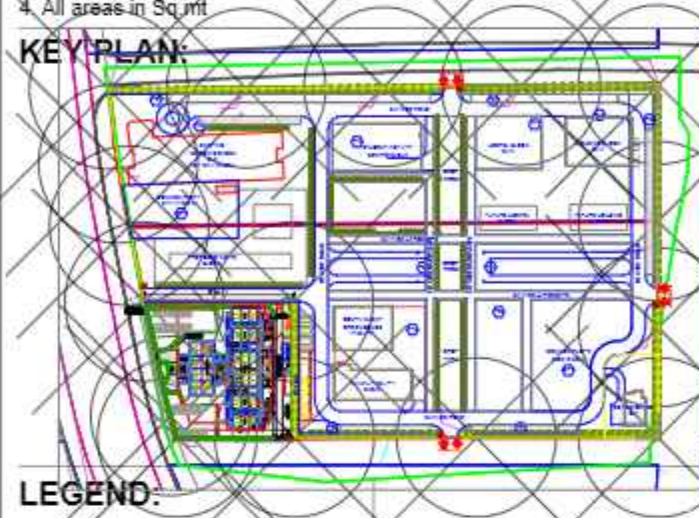
Revision:
R0

North

Scale:
1:100

Date:
05/04/24

NOTE:
1. Do not scale the drawing
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm (cm/ m)
4. All areas in Sq.m

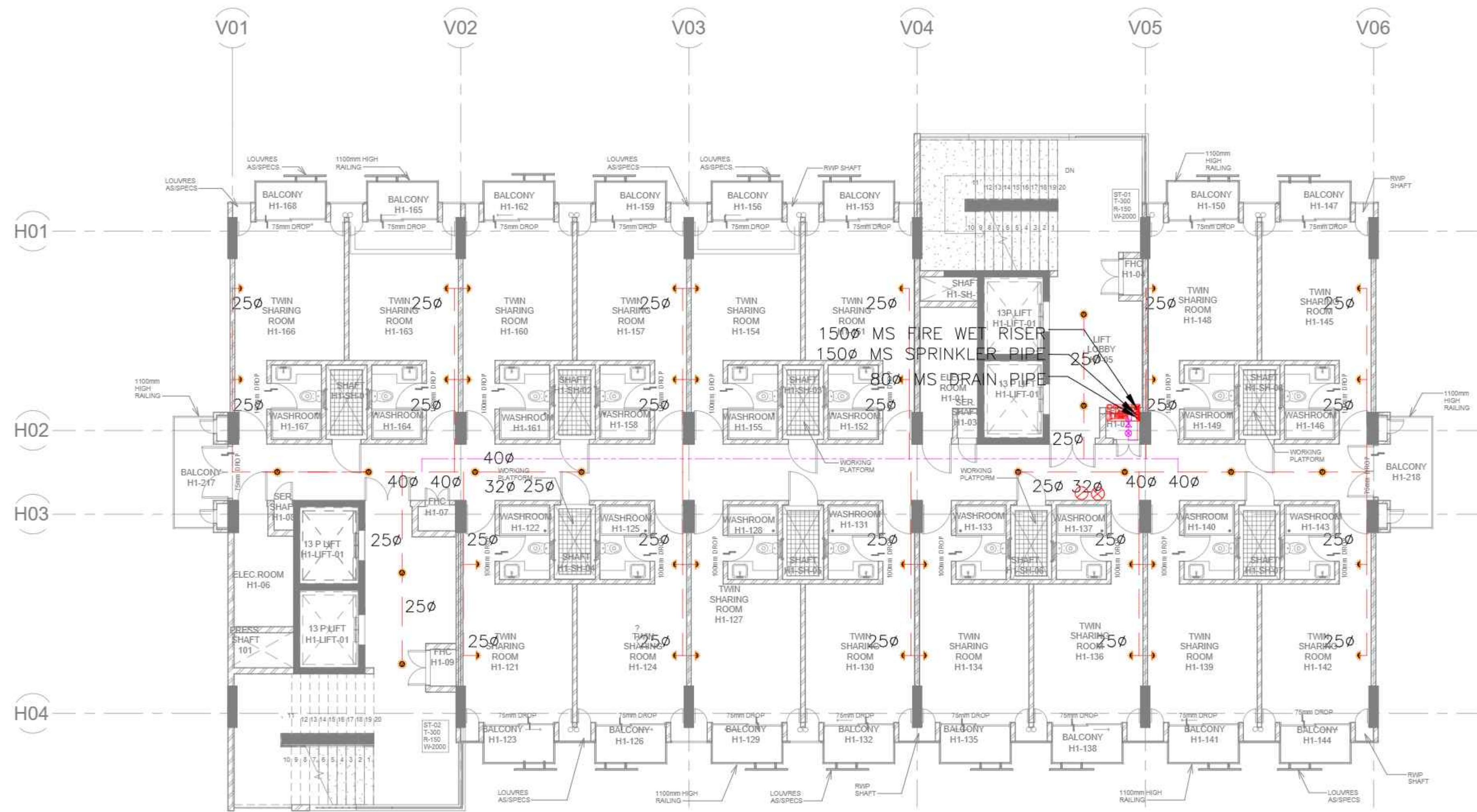


DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

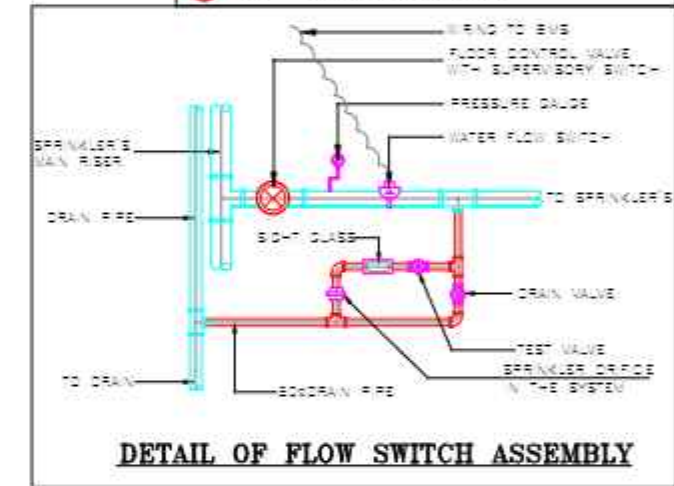
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NEW DELHI-110017
TEL(011)26676254,41034450
MAIL:mail@sgadesignlab.com

GIFT Urban Development Authority:



FIRE LEGEND:-	
	FIRE HOSE CABINET
	FLOW SWITCH
	SPRINKLER
	SPRINKLER FEEDER LINE
	SPRINKLER BRANCH PIPE
	150mm FIRE PIPE
	BUTTER FLY VALVE
	NON-RETURN VALVE
	FIRE BRIGADE CONNECTION
	MILD STEEL
	MS FIRE PIPE
	ABC (POWDER TYPE) OF 2 Kg. CAPACITY
	ONE NO. 5 Kg. DCP GR CO2 EXTINGUISHER
	FIRE BRIGADE INLET CONNECTION
	EXTERNAL FIRE HYDRANT



Sl. No.	Item	Remarks	Remarks
1	150mm FIRE PIPE	REQUIRED	PROVIDED
2	150mm FIRE PIPE	REQUIRED	PROVIDED
3	150mm FIRE PIPE	REQUIRED	PROVIDED
4	150mm FIRE PIPE	REQUIRED	PROVIDED
5	150mm FIRE PIPE	REQUIRED	PROVIDED
6	150mm FIRE PIPE	REQUIRED	PROVIDED
7	150mm FIRE PIPE	REQUIRED	PROVIDED
8	150mm FIRE PIPE	REQUIRED	PROVIDED
9	150mm FIRE PIPE	REQUIRED	PROVIDED
10	150mm FIRE PIPE	REQUIRED	PROVIDED
11	150mm FIRE PIPE	REQUIRED	PROVIDED

Drawing Title:
HOSTEL_BLOCK
THIRD & 8TH FLOOR PLAN FIRE
FIGHTING LAYOUT

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

Drawing Number:
202210-GBU-H1-S3-PF-004

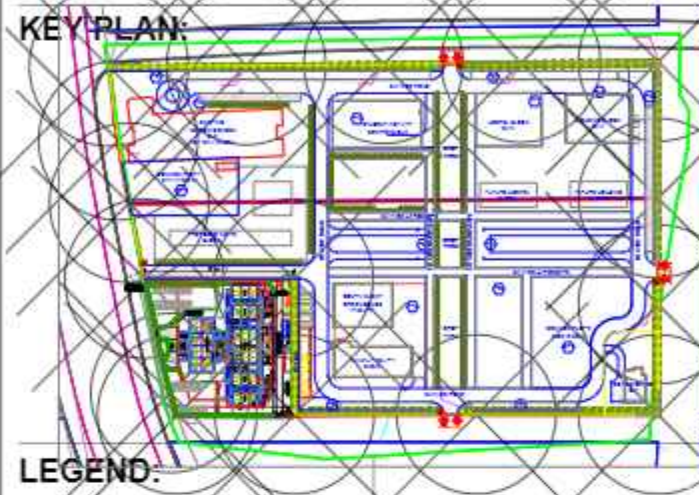
Revision:
R0

North

Scale:
1:100

Date:
05/04/24

NOTE:
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3. All dimensions are in mm (cm/ m)
4. All drains in Sq.m

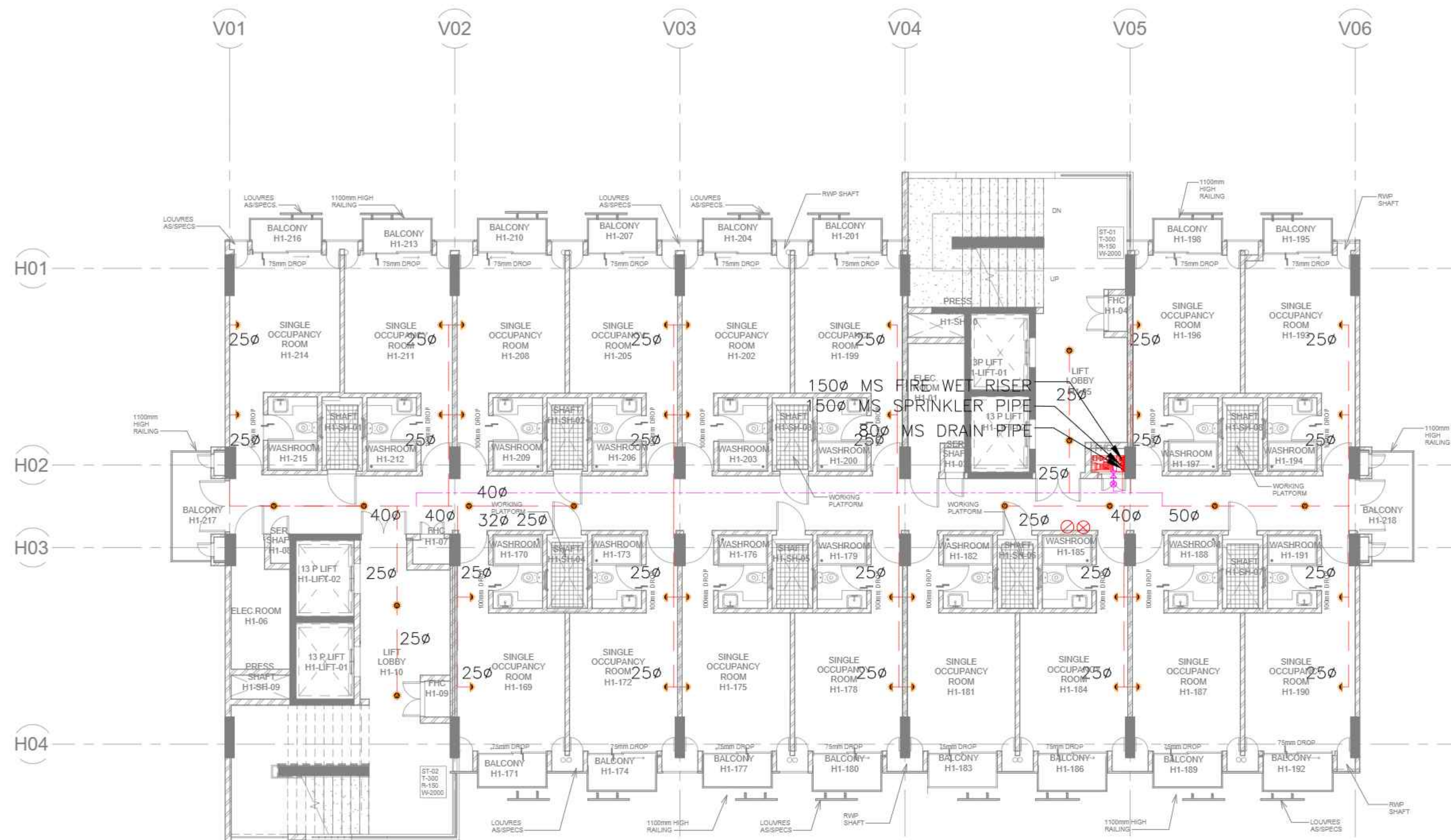


DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

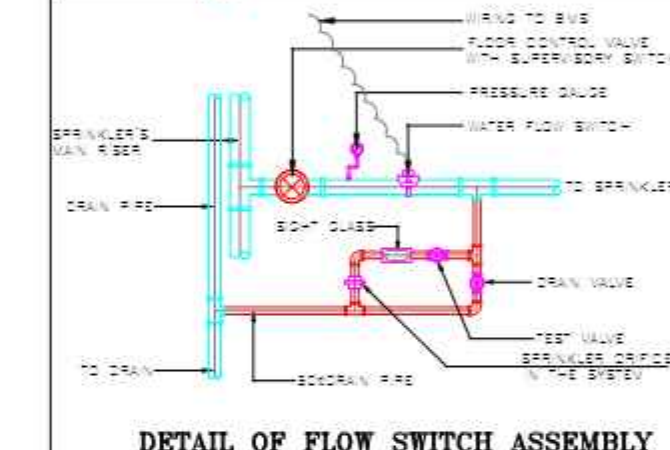
ARCHITECT:
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TEL:(011)26676254,41034450
MAIL:mail@sgadesignlab.com

GIFT Urban Development Authority:



FIRE LEGEND:-	
FHC	FIRE HOSE CABINET
FS	FLOW SWITCH
SPR	SPRINKLER
SPR FL	SPRINKLER FEEDER LINE
SPR BR	SPR BRANCH PIPE
150W	150W FIRE PIPE
BFV	BUTTER FLY VALVE
NRV	NON-RETURN VALVE
F.B.C	FIRE BRIGADE CONNECTION
M.S	MILD STEEL
M.S F.P	M.S FIRE PIPE
ABC	ABC (POWDER TYPE) OF 2 Kg. CAPACITY
DCP	ONE NO. 5 Kg. DCP OR CO2 EXTINGUISHER
F.B.C	FIRE BRIGADE INLET CONNECTION
EFHC	EXTERNAL FIRE HYDRANT



Sl. No.	Item	Remarks	Remarks
1	150W FIRE PIPE	150W FIRE PIPE	150W FIRE PIPE
2	150W FIRE PIPE	150W FIRE PIPE	150W FIRE PIPE
3	150W FIRE PIPE	150W FIRE PIPE	150W FIRE PIPE
4	150W FIRE PIPE	150W FIRE PIPE	150W FIRE PIPE
5	150W FIRE PIPE	150W FIRE PIPE	150W FIRE PIPE
6	150W FIRE PIPE	150W FIRE PIPE	150W FIRE PIPE
7	150W FIRE PIPE	150W FIRE PIPE	150W FIRE PIPE
8	150W FIRE PIPE	150W FIRE PIPE	150W FIRE PIPE
9	150W FIRE PIPE	150W FIRE PIPE	150W FIRE PIPE
10	150W FIRE PIPE	150W FIRE PIPE	150W FIRE PIPE
11	150W FIRE PIPE	150W FIRE PIPE	150W FIRE PIPE

ISSUED FOR :
TENDER
PURPOSE

SHEET NO.
/

Drawing Title:
HOSTEL_BLOCK
9TH & 14TH FLOOR PLAN FIRE
FIGHTING LAYOUT

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

Drawing Number:
202210-GBU-H1-S3-FF-005

Revision:
R0

North
05/04/24

Scale:
1:100

0 2 4
X Y Z
M

NOTE:
1. Do not scale the drawing
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm (cm/ m)
4. All dimensions in Sq.m

KEY PLAN

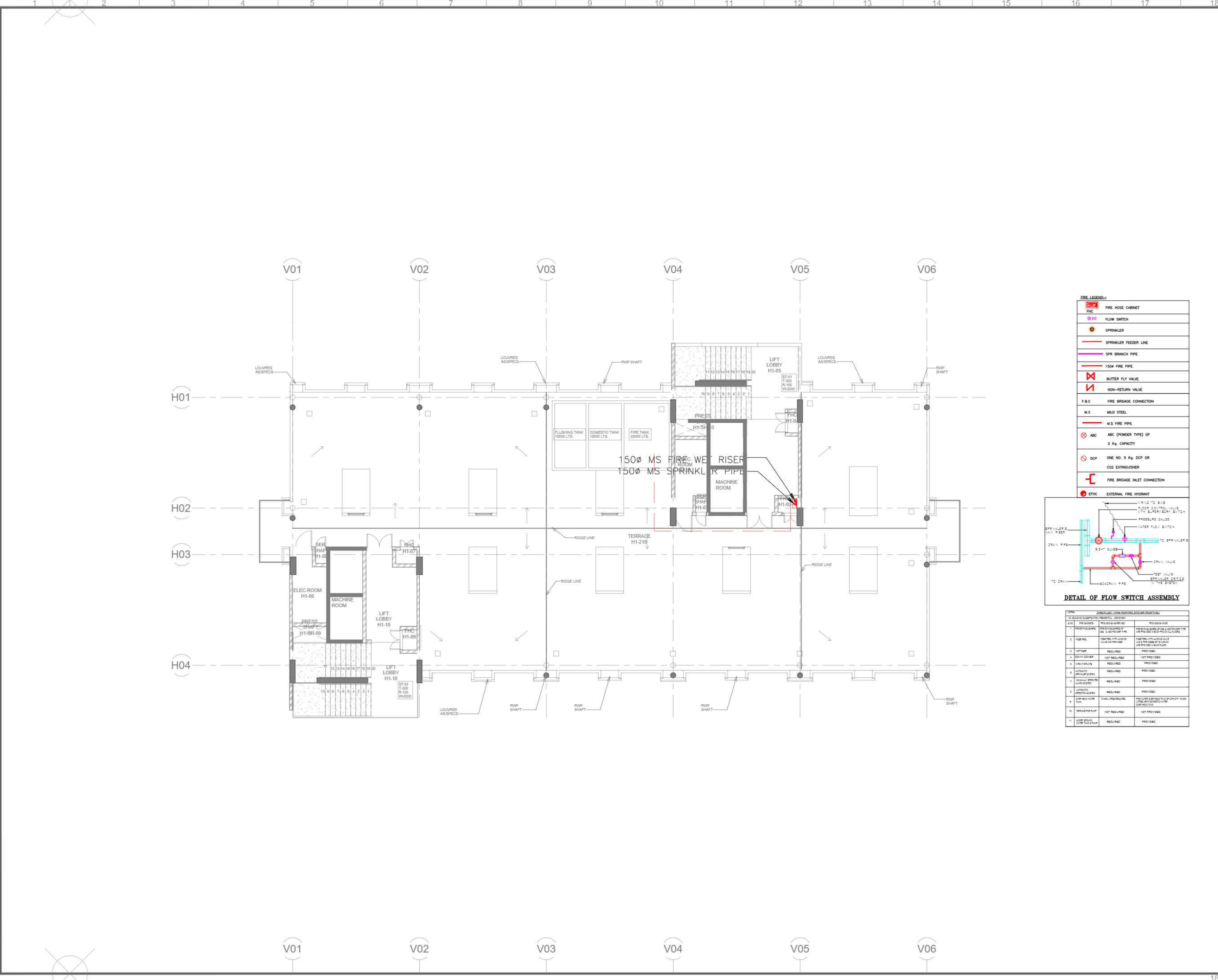
LEGEND

DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

ARCHITECT:
SURESH GOEL AND ASSOCIATES
ARCHITECTS, ENGINEERS, PLANNERS

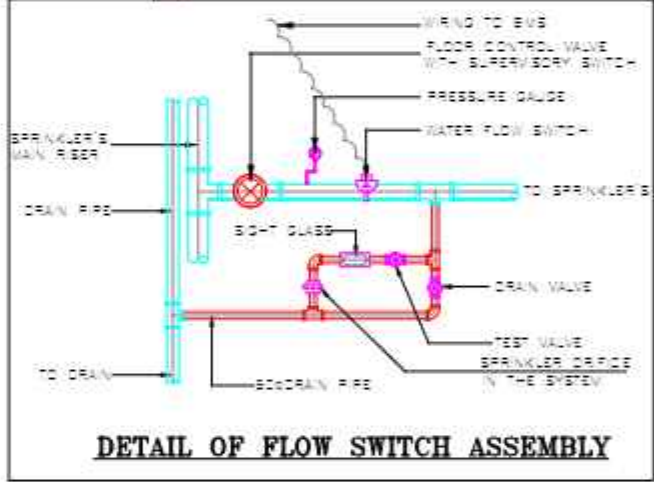
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MAIL:mail@sgadesignlab.com

GIFT Urban Development Authority:



FIRE LEGEND:-

	FIRE HOSE CABINET
	FLOW SWITCH
	SPRINKLER
	SPRINKLER FEEDER LINE
	SPR BRANCH PIPE
	150W FIRE PIPE
	BUTTER FLY VALVE
	NON-RETURN VALVE
	FIRE BRIGADE CONNECTION
	MILD STEEL
	M.S FIRE PIPE
	ABC (POWDER TYPE) OF 2 Kg. CAPACITY
	ONE NO. 5 Kg. DCP OR CO2 EXTINGUISHER
	FIRE BRIGADE INLET CONNECTION
	EXTERNAL FIRE HYDRANT



ITEMS

Sl. No.	DESCRIPTION	PROVIDED	NOT PROVIDED
1.	SPRINKLER	PROVIDED	NOT PROVIDED
2.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
3.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
4.	SPRINKLER	PROVIDED	NOT PROVIDED
5.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
6.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
7.	SPRINKLER	PROVIDED	NOT PROVIDED
8.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
9.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
10.	SPRINKLER	PROVIDED	NOT PROVIDED
11.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
12.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
13.	SPRINKLER	PROVIDED	NOT PROVIDED
14.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
15.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
16.	SPRINKLER	PROVIDED	NOT PROVIDED
17.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
18.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
19.	SPRINKLER	PROVIDED	NOT PROVIDED
20.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
21.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
22.	SPRINKLER	PROVIDED	NOT PROVIDED
23.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
24.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
25.	SPRINKLER	PROVIDED	NOT PROVIDED
26.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
27.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
28.	SPRINKLER	PROVIDED	NOT PROVIDED
29.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
30.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
31.	SPRINKLER	PROVIDED	NOT PROVIDED
32.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
33.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
34.	SPRINKLER	PROVIDED	NOT PROVIDED
35.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
36.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
37.	SPRINKLER	PROVIDED	NOT PROVIDED
38.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
39.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
40.	SPRINKLER	PROVIDED	NOT PROVIDED
41.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
42.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
43.	SPRINKLER	PROVIDED	NOT PROVIDED
44.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
45.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
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48.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
49.	SPRINKLER	PROVIDED	NOT PROVIDED
50.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
51.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
52.	SPRINKLER	PROVIDED	NOT PROVIDED
53.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
54.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
55.	SPRINKLER	PROVIDED	NOT PROVIDED
56.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
57.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
58.	SPRINKLER	PROVIDED	NOT PROVIDED
59.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
60.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
61.	SPRINKLER	PROVIDED	NOT PROVIDED
62.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
63.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
64.	SPRINKLER	PROVIDED	NOT PROVIDED
65.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
66.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
67.	SPRINKLER	PROVIDED	NOT PROVIDED
68.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
69.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
70.	SPRINKLER	PROVIDED	NOT PROVIDED
71.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
72.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
73.	SPRINKLER	PROVIDED	NOT PROVIDED
74.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
75.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
76.	SPRINKLER	PROVIDED	NOT PROVIDED
77.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
78.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
79.	SPRINKLER	PROVIDED	NOT PROVIDED
80.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
81.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
82.	SPRINKLER	PROVIDED	NOT PROVIDED
83.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
84.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
85.	SPRINKLER	PROVIDED	NOT PROVIDED
86.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
87.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
88.	SPRINKLER	PROVIDED	NOT PROVIDED
89.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
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95.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
96.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
97.	SPRINKLER	PROVIDED	NOT PROVIDED
98.	SPRINKLER FEEDER LINE	PROVIDED	NOT PROVIDED
99.	SPRINKLER BRANCH PIPE	PROVIDED	NOT PROVIDED
100.	SPRINKLER	PROVIDED	NOT PROVIDED

ISSUED FOR :
TENDER
PURPOSE

SHEET NO.
/

Drawing Title:
HOSTEL_BLOCK
TERRACE FLOOR PLAN
FIRE FIGHTING LAYOUT

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

Drawing Number:
202210-GBU-H1-S3-SLD-008

Revision:
R0

North

Date:
05/04/24

Scale:-
1:100

NOTE:
1. Do not scale the drawing
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm (cm/ m)
4. All areas in Sq.m

KEY PLAN:

LEGEND:

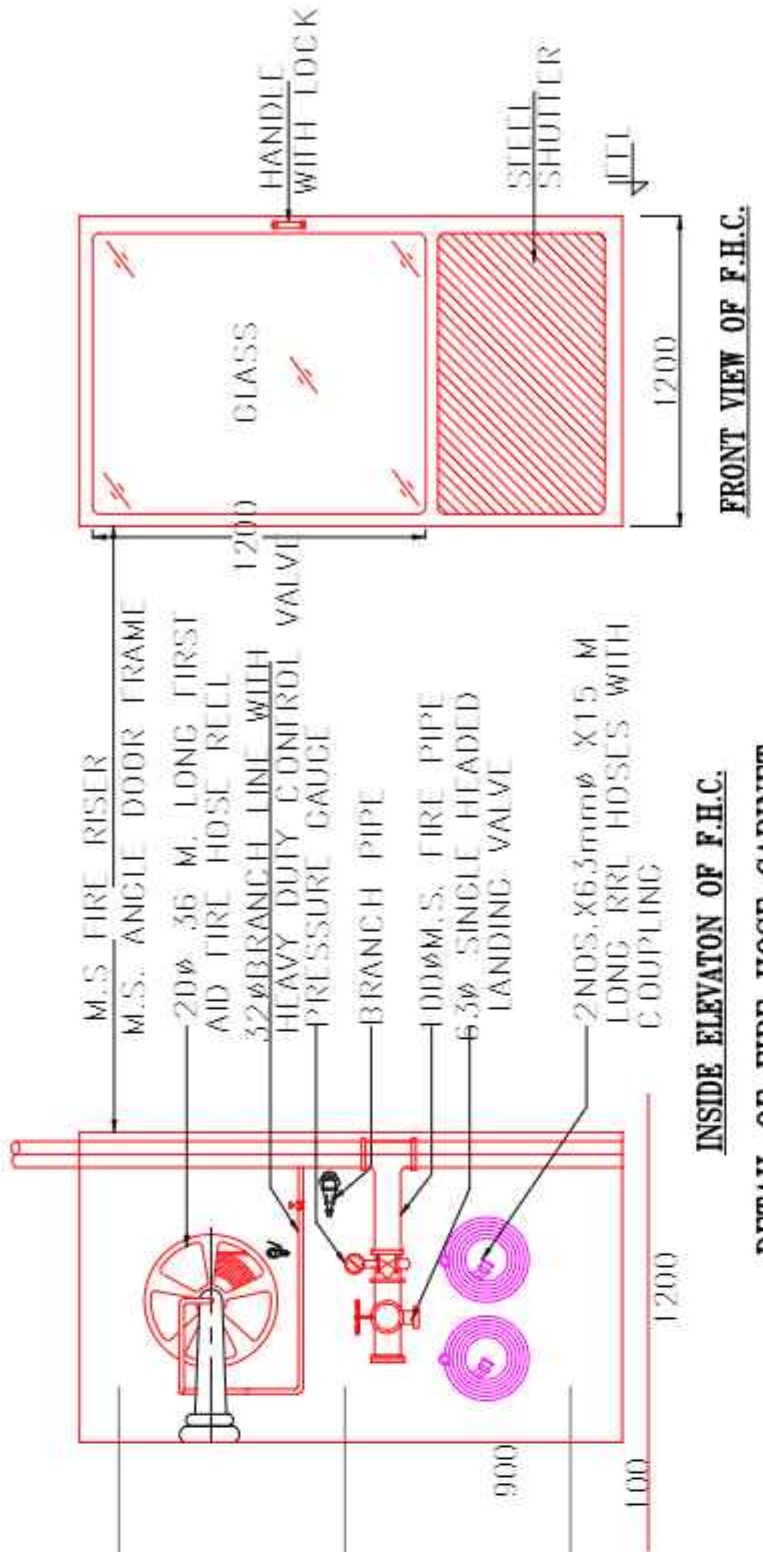
DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

ARCHITECT:
SURESH GOEL AND ASSOCIATES
ARCHITECTS, ENGINEERS, PLANNERS

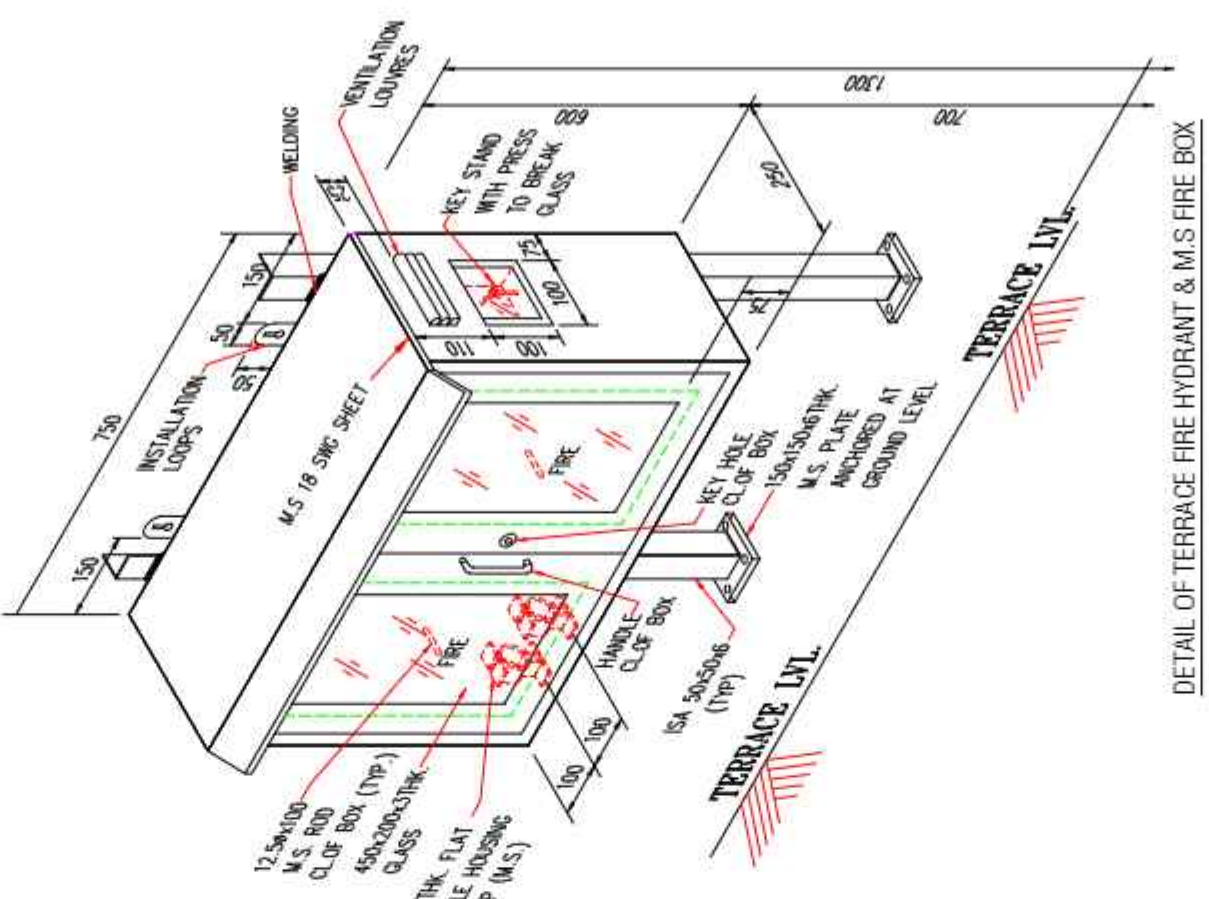
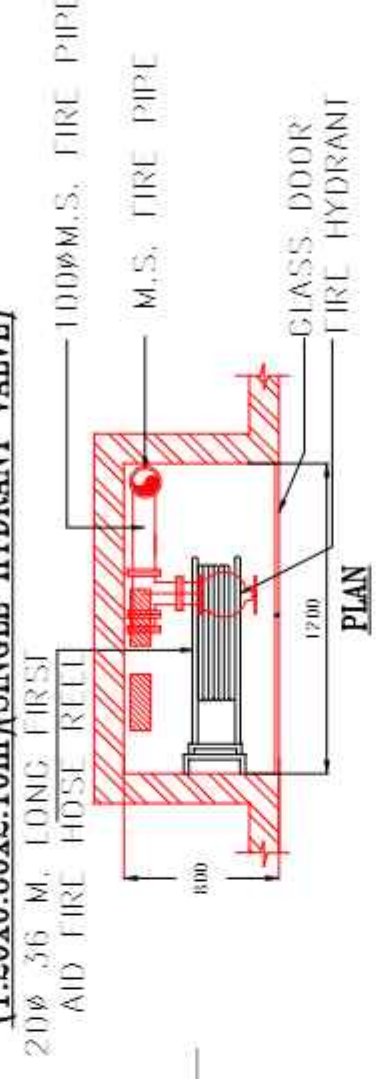
C-85, SHIVALIK
NEW DELHI-110017
TEL:(011)26676254,41034450
MAIL:mail@sgadesignlab.com

GIFT Urban Development Authority:

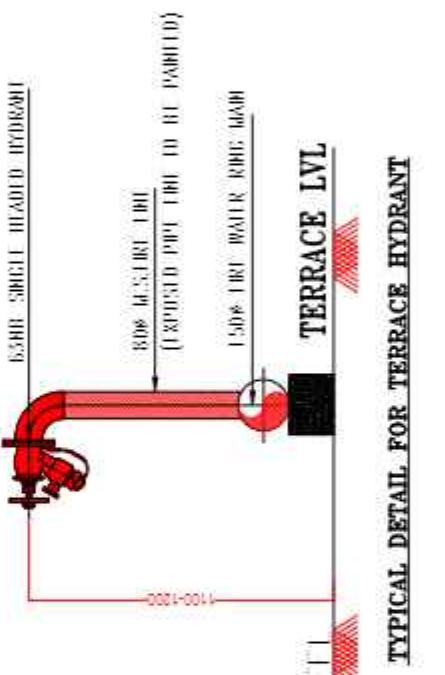
NOTES: CHECK THE FIGHTING SYSTEM (DISPENS)		
1. ALL BUILDING CALCULATIONS, ROOFING, AREA, GPM	2. FIRE FIGHTING	3. FIRE FIGHTING
4. FIRE FIGHTING	5. FIRE FIGHTING	6. FIRE FIGHTING
7. FIRE FIGHTING	8. FIRE FIGHTING	9. FIRE FIGHTING
10. FIRE FIGHTING	11. FIRE FIGHTING	12. FIRE FIGHTING
13. FIRE FIGHTING	14. FIRE FIGHTING	15. FIRE FIGHTING
16. FIRE FIGHTING	17. FIRE FIGHTING	18. FIRE FIGHTING
19. FIRE FIGHTING	20. FIRE FIGHTING	21. FIRE FIGHTING
22. FIRE FIGHTING	23. FIRE FIGHTING	24. FIRE FIGHTING
25. FIRE FIGHTING	26. FIRE FIGHTING	27. FIRE FIGHTING
28. FIRE FIGHTING	29. FIRE FIGHTING	30. FIRE FIGHTING
31. FIRE FIGHTING	32. FIRE FIGHTING	33. FIRE FIGHTING
34. FIRE FIGHTING	35. FIRE FIGHTING	36. FIRE FIGHTING
37. FIRE FIGHTING	38. FIRE FIGHTING	39. FIRE FIGHTING
40. FIRE FIGHTING	41. FIRE FIGHTING	42. FIRE FIGHTING
43. FIRE FIGHTING	44. FIRE FIGHTING	45. FIRE FIGHTING
46. FIRE FIGHTING	47. FIRE FIGHTING	48. FIRE FIGHTING
49. FIRE FIGHTING	50. FIRE FIGHTING	51. FIRE FIGHTING
52. FIRE FIGHTING	53. FIRE FIGHTING	54. FIRE FIGHTING
55. FIRE FIGHTING	56. FIRE FIGHTING	57. FIRE FIGHTING
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64. FIRE FIGHTING	65. FIRE FIGHTING	66. FIRE FIGHTING
67. FIRE FIGHTING	68. FIRE FIGHTING	69. FIRE FIGHTING
70. FIRE FIGHTING	71. FIRE FIGHTING	72. FIRE FIGHTING
73. FIRE FIGHTING	74. FIRE FIGHTING	75. FIRE FIGHTING
76. FIRE FIGHTING	77. FIRE FIGHTING	78. FIRE FIGHTING
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85. FIRE FIGHTING	86. FIRE FIGHTING	87. FIRE FIGHTING
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91. FIRE FIGHTING	92. FIRE FIGHTING	93. FIRE FIGHTING
94. FIRE FIGHTING	95. FIRE FIGHTING	96. FIRE FIGHTING
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100. FIRE FIGHTING	101. FIRE FIGHTING	102. FIRE FIGHTING



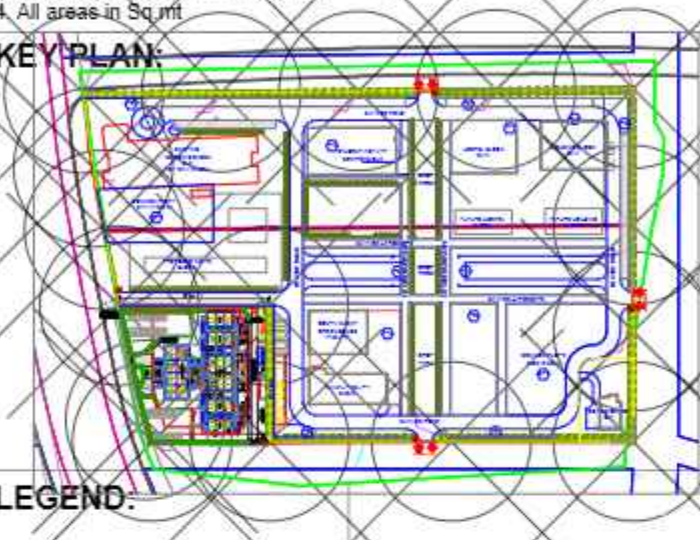
FRONT VIEW OF F.H.C.
DETAIL OF FIRE HOSE CABINET
(1.20x0.80x2.10m)(SINGLE HYDRANT VALVE)



PLAN
DETAIL OF TERRACE FIRE HYDRANT & M.S. FIRE BOX



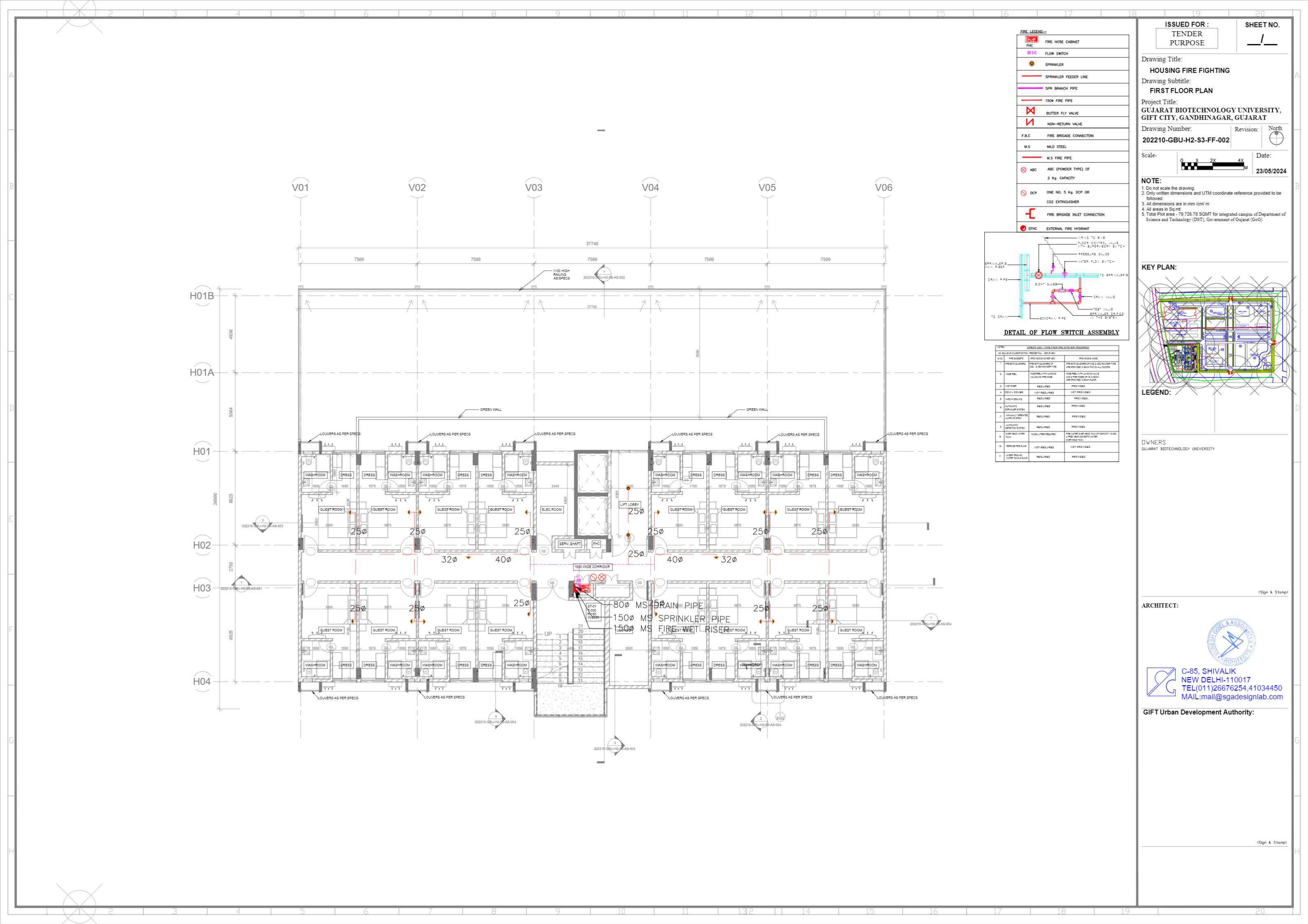
TYPICAL DETAIL FOR TERRACE HYDRANT



DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

ARCHITECT:
SURESH GOEL AND ASSOCIATES
ARCHITECTS, ENGINEERS, PLANNERS

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TEL:(011)26676254,41034450
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GIFT Urban Development Authority:



Drawing Title:
HOUSING FIRE FIGHTING
Drawing Subtitle:
FIRST FLOOR PLAN

Project Title:
**GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT**

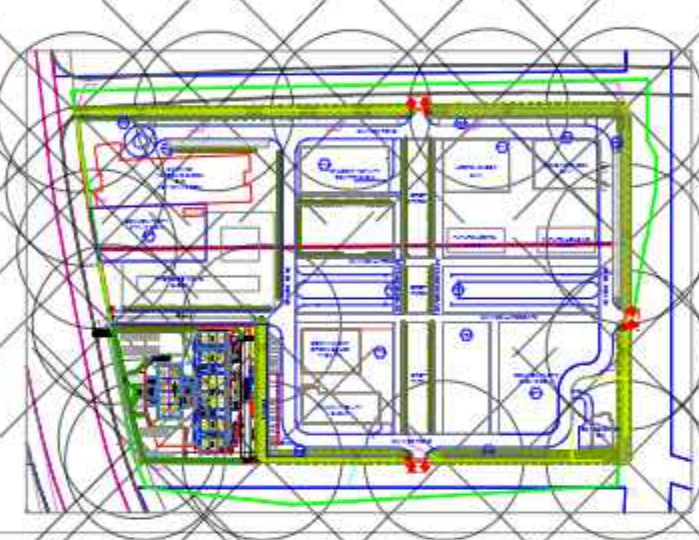
Drawing Number:
202210-GBU-H2-S3-FF-002

Revision: North
Date:
23/05/2024

Scale:
0 2X 4X
Date:
23/05/2024

NOTES:
1. Do not scale the drawing
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm /cm /m
4. All areas in Sq.mt
5. Total Plot area - 79,726.78 SQMT for integrated campus of Department of Science and Technology (DST), Government of Gujarat (GoG)

KEY PLAN:



LEGEND:

OWNERS
GUJARAT BIOTECHNOLOGY UNIVERSITY

ARCHITECT:

(Sign & Stamp)

ARCHITECT:

(Sign & Stamp)

ARCHITECT:

(Sign & Stamp)

ARCHITECT:

(Sign & Stamp)

ARCHITECT:

(Sign & Stamp)

ARCHITECT:

(Sign & Stamp)

ARCHITECT:

(Sign & Stamp)

ARCHITECT:

(Sign & Stamp)

ARCHITECT:

(Sign & Stamp)

ARCHITECT:

(Sign & Stamp)

ARCHITECT:

(Sign & Stamp)

ARCHITECT:

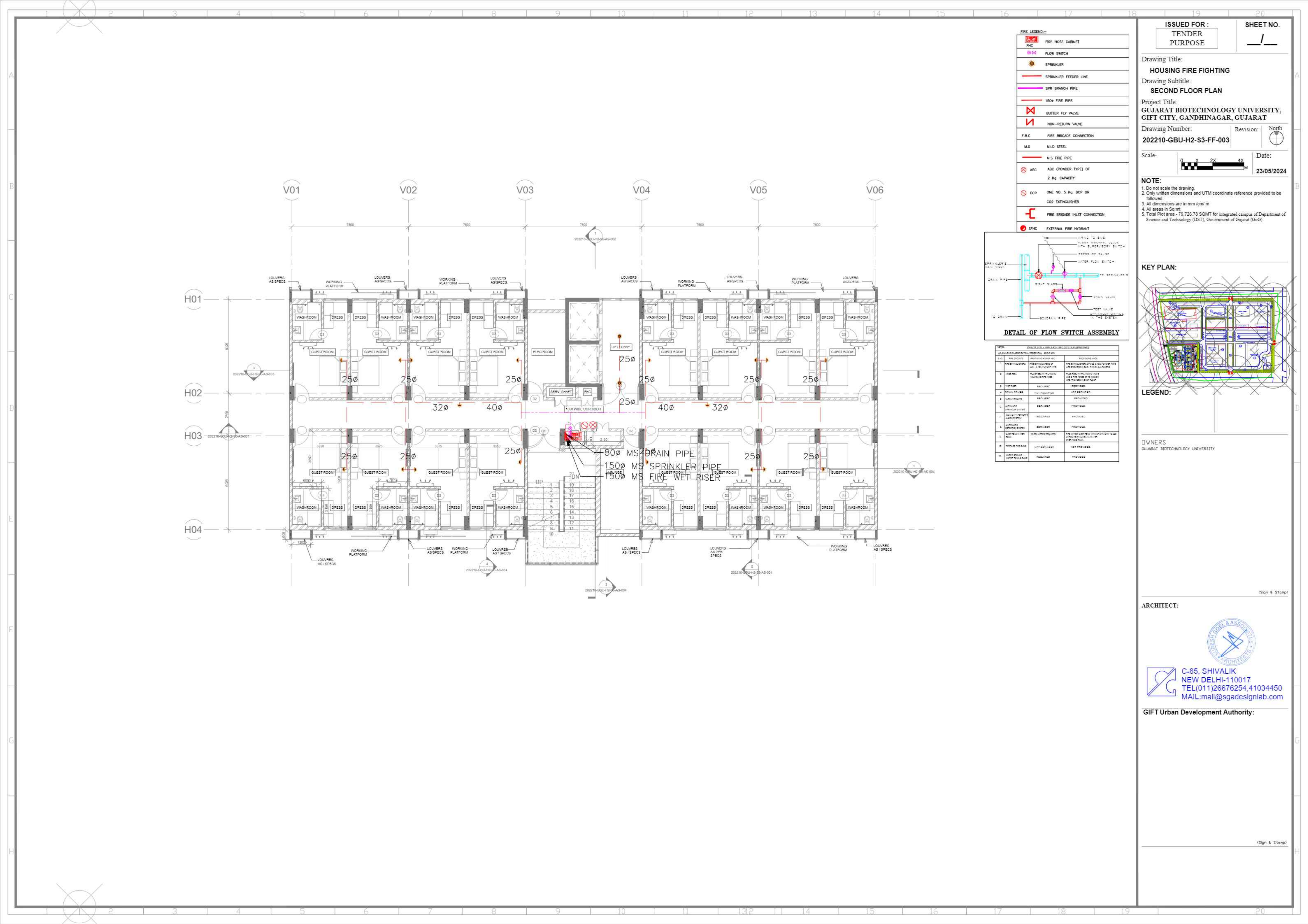
(Sign & Stamp)

ARCHITECT:

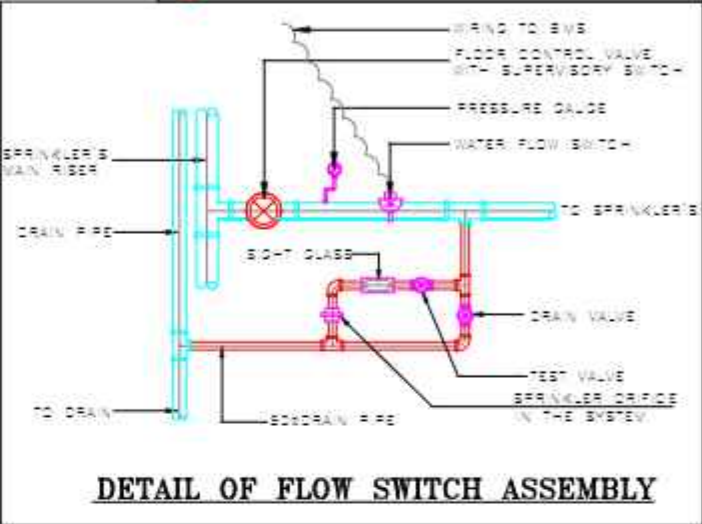
(Sign & Stamp)

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TEL:(011)26676254,41034450
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GIFT Urban Development Authority:



FIRE LEGEND:-	
	FIRE HOSE CABINET
	FLOW SWITCH
	SPRINKLER
	SPRINKLER FEEDER LINE
	SPR BRANCH PIPE
	150MM FIRE PIPE
	BUTTER FLY VALVE
	NON-RETURN VALVE
	F.B.C FIRE BRIGADE CONNECTION
	M.S MILD STEEL
	M.S FIRE PIPE
	ABC (POWDER TYPE) OF 2 Kg. CAPACITY
	ONE NO. 5 Kg. DCP OR CO2 EXTINGUISHER
	FIRE BRIGADE INLET CONNECTION
	EXTERNAL FIRE HYDRANT



ITEMS		
Sl. No.	DESCRIPTION	REMARKS
1	SPRINKLER	SPRINKLER
2	SPRINKLER FEEDER PIPE	SPRINKLER FEEDER PIPE
3	SPRINKLER BRANCH PIPE	SPRINKLER BRANCH PIPE
4	SPRINKLER HEAD	SPRINKLER HEAD
5	SPRINKLER BODY	SPRINKLER BODY
6	SPRINKLER NOZZLE	SPRINKLER NOZZLE
7	SPRINKLER GLASS	SPRINKLER GLASS
8	SPRINKLER THERMALLY SENSITIVE ELEMENT	SPRINKLER THERMALLY SENSITIVE ELEMENT
9	SPRINKLER THERMALLY SENSITIVE ELEMENT	SPRINKLER THERMALLY SENSITIVE ELEMENT
10	SPRINKLER THERMALLY SENSITIVE ELEMENT	SPRINKLER THERMALLY SENSITIVE ELEMENT
11	SPRINKLER THERMALLY SENSITIVE ELEMENT	SPRINKLER THERMALLY SENSITIVE ELEMENT

ISSUED FOR :
TENDER
PURPOSE

SHEET NO.
/

Drawing Title:
HOUSING FIRE FIGHTING

Drawing Subtitle:
SECOND FLOOR PLAN

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT

Drawing Number:
202210-GBU-H2-S3-FF-003

Revision:
North

Scale:
0 2 4 M

Date:
23/05/2024

NOTE:
1. Do not scale the drawing
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm /cm /m
4. All areas in Sq.mt
5. Total Plot area - 79,726.78 SQMT for integrated campus of Department of Science and Technology (DST), Government of Gujarat (GoG)

KEY PLAN:

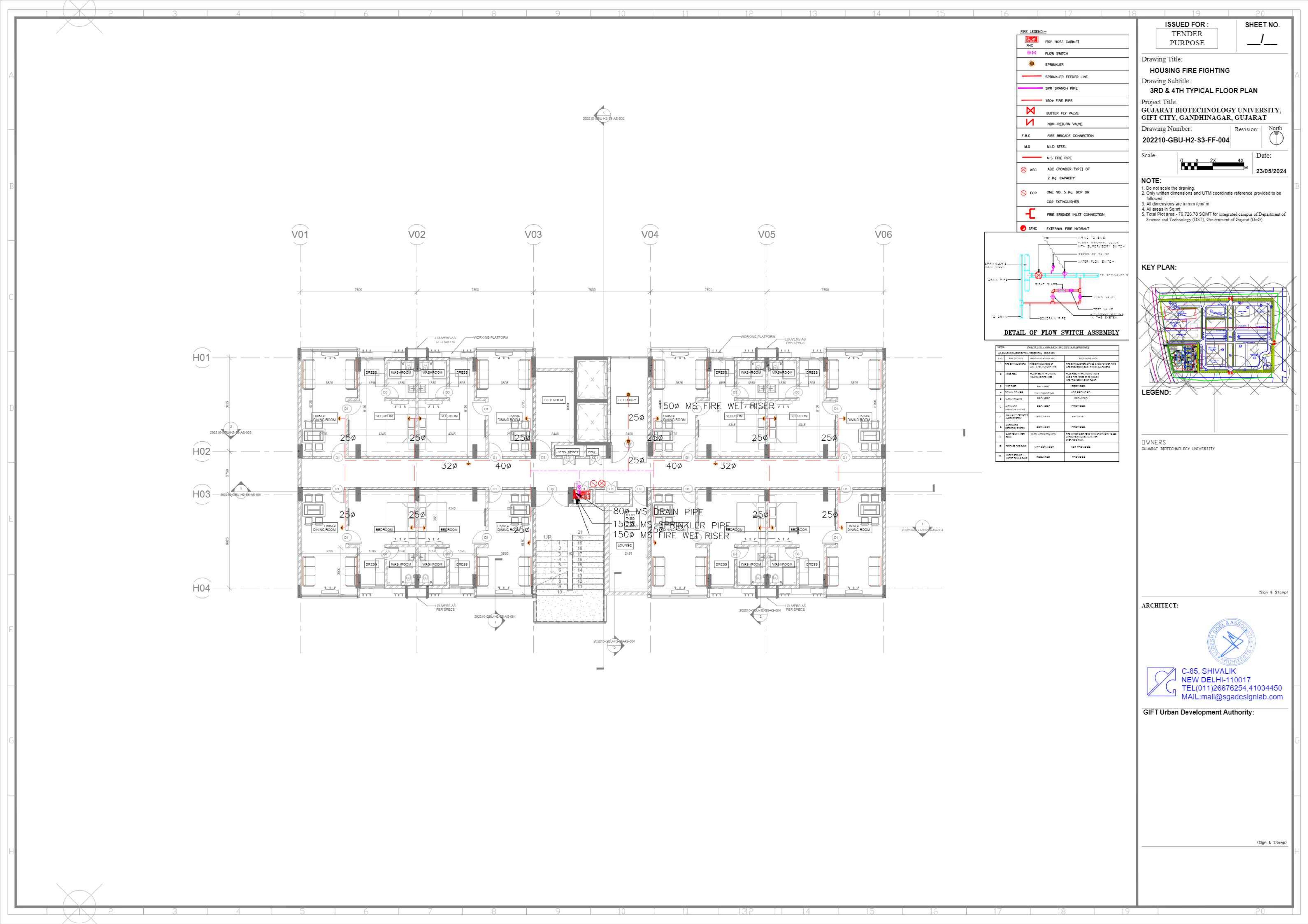
LEGEND:

OWNERS
GUJARAT BIOTECHNOLOGY UNIVERSITY

ARCHITECT:

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MAIL:mail@sgadesignlab.com

GIFT Urban Development Authority:



Drawing Title:
HOUSING FIRE FIGHTING

Drawing Subtitle:
3RD & 4TH TYPICAL FLOOR PLAN

Project Title:
**GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT**

Drawing Number:
202210-GBU-H2-S3-FF-004

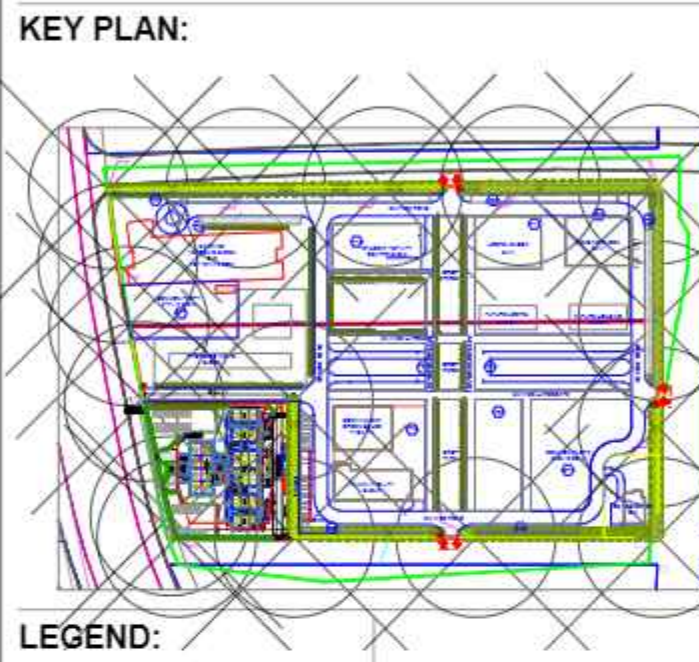
Revision:
North

Scale:
0 1 2 3 4 M

Date:
23/05/2024

NOTE:

- Do not scale the drawing
- Only written dimensions and UTM coordinate reference provided to be followed.
- All dimensions are in mm /cm/ m
- All areas in Sq.mt
- Total Plot area - 79,726.78 SQMT for integrated campus of Department of Science and Technology (DST), Government of Gujarat (GoG)

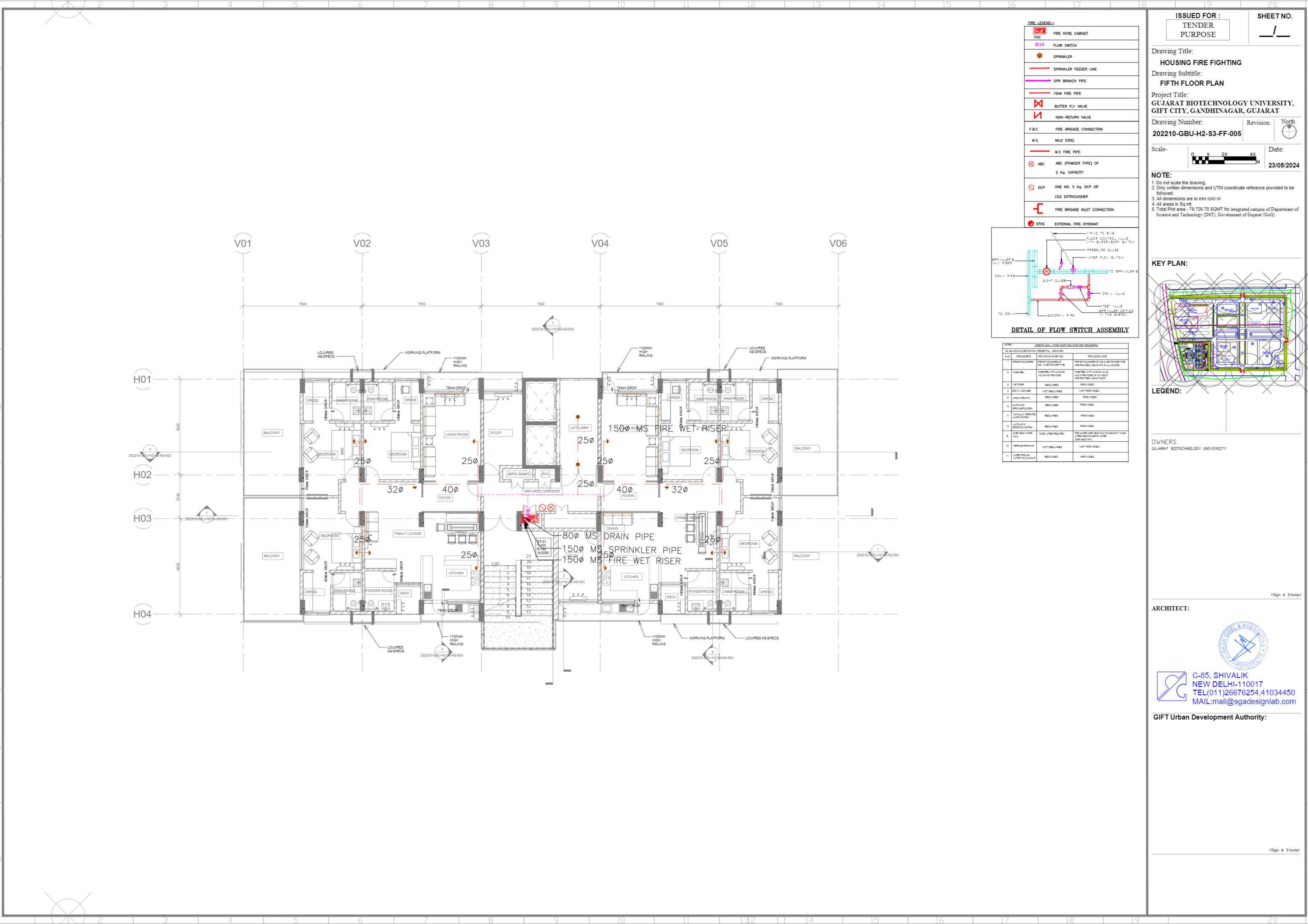


OWNERS
GUJARAT BIOTECHNOLOGY UNIVERSITY

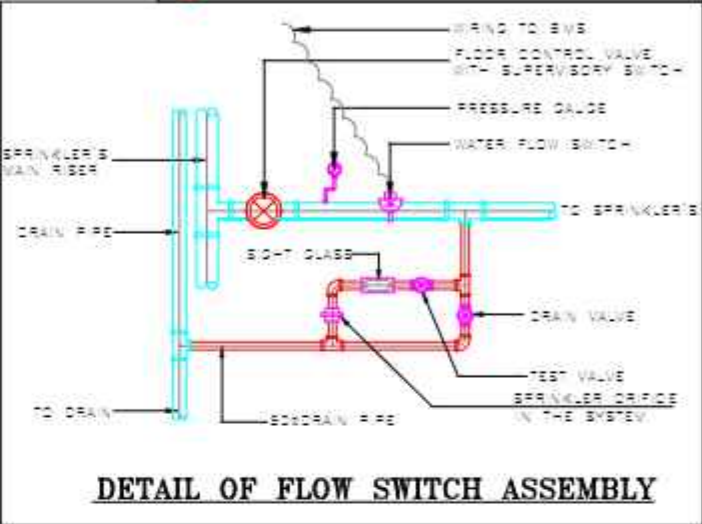
ARCHITECT:

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TEL:(011)26676254,41034450
MAIL:mail@sgadesignlab.com**

GIFT Urban Development Authority:



FIRE LEGEND:-	
	FIRE HOSE CABINET
	FLOW SWITCH
	SPRINKLER
	SPRINKLER FEEDER LINE
	SPR BRANCH PIPE
	150W FIRE PIPE
	BUTTER FLY VALVE
	NON-RETURN VALVE
	F.B.C FIRE BRIGADE CONNECTION
	M.S MILD STEEL
	M.S FIRE PIPE
	ABC (POWDER TYPE) OF 2 Kg CAPACITY
	ONE NO. 5 Kg. DCP OR CO2 EXTINGUISHER
	FIRE BRIGADE INLET CONNECTION
	EXTERNAL FIRE HYDRANT



ITEMS			
ITEMS			
1	150W FIRE PIPE	PROVIDED AS PER SPEC	PROVIDED AS PER SPEC
2	150W FIRE PIPE	PROVIDED AS PER SPEC	PROVIDED AS PER SPEC
3	150W FIRE PIPE	PROVIDED AS PER SPEC	PROVIDED AS PER SPEC
4	150W FIRE PIPE	PROVIDED AS PER SPEC	PROVIDED AS PER SPEC
5	150W FIRE PIPE	PROVIDED AS PER SPEC	PROVIDED AS PER SPEC
6	150W FIRE PIPE	PROVIDED AS PER SPEC	PROVIDED AS PER SPEC
7	150W FIRE PIPE	PROVIDED AS PER SPEC	PROVIDED AS PER SPEC
8	150W FIRE PIPE	PROVIDED AS PER SPEC	PROVIDED AS PER SPEC
9	150W FIRE PIPE	PROVIDED AS PER SPEC	PROVIDED AS PER SPEC
10	150W FIRE PIPE	PROVIDED AS PER SPEC	PROVIDED AS PER SPEC
11	150W FIRE PIPE	PROVIDED AS PER SPEC	PROVIDED AS PER SPEC

ISSUED FOR :
TENDER
PURPOSE

SHEET NO.
/

Drawing Title:
HOUSING FIRE FIGHTING

Drawing Subtitle:
FIFTH FLOOR PLAN

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT

Drawing Number:
202210-GBU-H2-S3-FF-005

Revision:
North

Scale:
0 2X 4X

Date:
23/05/2024

- NOTE:
- Do not scale the drawing
 - Only written dimensions and UTM coordinate reference provided to be followed.
 - All dimensions are in mm /cm /m
 - All areas in Sq.mt
 - Total Plot area - 79,726.78 SQMT for integrated campus of Department of Science and Technology (DST), Government of Gujarat (GoG)

KEY PLAN:

LEGEND:

OWNERS
GUJARAT BIOTECHNOLOGY UNIVERSITY

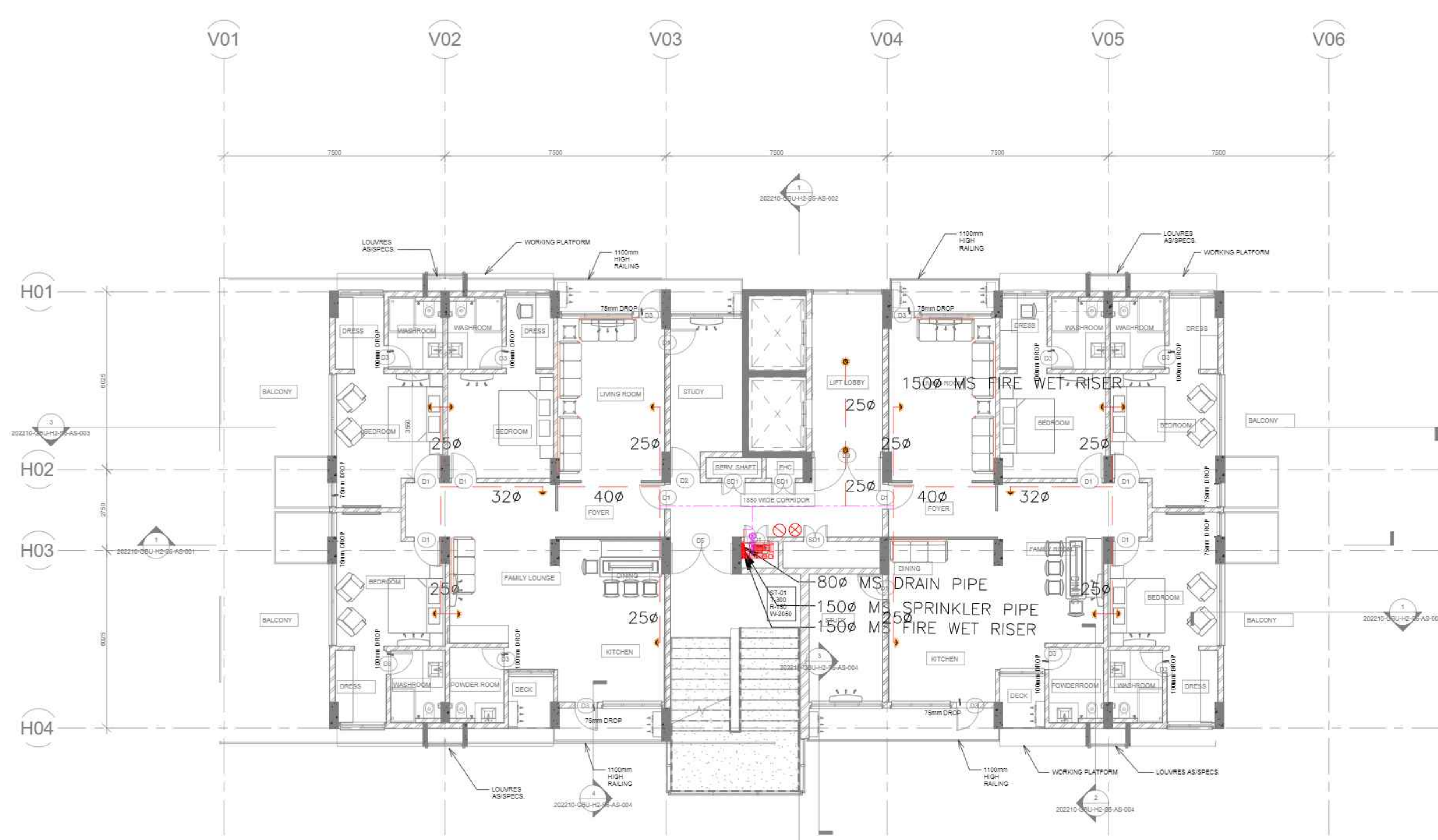
(Sign & Stamp)

ARCHITECT:

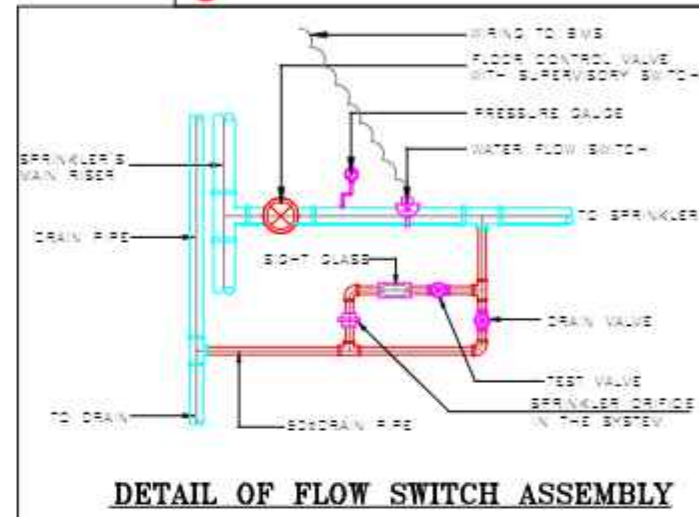
C-85, SHIVALIK
NEW DELHI-110017
TEL (011) 26676254, 41034450
MAIL: mail@sgadesignlab.com

GIFT Urban Development Authority:

(Sign & Stamp)



FIRE LEGEND:-	
	FIRE HOSE CABINET
	FLOW SWITCH
	SPRINKLER
	SPRINKLER FEEDER LINE
	SPR BRANCH PIPE
	150mm FIRE PIPE
	BUTTER FLY VALVE
	NON-RETURN VALVE
	F.B.C FIRE BRIGADE CONNECTION
	M.S MILD STEEL
	M.S FIRE PIPE
	ABC (POWDER TYPE) OF 2 Kg. CAPACITY
	ONE NO. 5 Kg. DCP OR CO2 EXTINGUISHER
	FIRE BRIGADE INLET CONNECTION
	EXTERNAL FIRE HYDRANT



ITEMS		
APPROXIMATE QUANTITY REQUIRED (APPROXIMATE)		
S.NO.	ITEMS	APPROXIMATE QUANTITY
1.	FIRE HOSE CABINETS	PROVIDED AS REQUIRED
2.	FLOW SWITCHES	PROVIDED AS REQUIRED
3.	SPRINKLERS	PROVIDED AS REQUIRED
4.	SPRINKLER FEEDER LINE	PROVIDED AS REQUIRED
5.	SPRINKLER BRANCH PIPE	PROVIDED AS REQUIRED
6.	150mm FIRE PIPE	PROVIDED AS REQUIRED
7.	BUTTER FLY VALVE	PROVIDED AS REQUIRED
8.	NON-RETURN VALVE	PROVIDED AS REQUIRED
9.	FIRE BRIGADE CONNECTION	PROVIDED AS REQUIRED
10.	MILD STEEL	PROVIDED AS REQUIRED
11.	M.S FIRE PIPE	PROVIDED AS REQUIRED
12.	ABC (POWDER TYPE) OF 2 Kg. CAPACITY	PROVIDED AS REQUIRED
13.	ONE NO. 5 Kg. DCP OR CO2 EXTINGUISHER	PROVIDED AS REQUIRED
14.	FIRE BRIGADE INLET CONNECTION	PROVIDED AS REQUIRED
15.	EXTERNAL FIRE HYDRANT	PROVIDED AS REQUIRED

ISSUED FOR :
TENDER
PURPOSE

SHEET NO.
/

Drawing Title:
HOUSING FIRE FIGHTING

Drawing Subtitle:
6TH TO 14TH FLOOR PLAN

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT

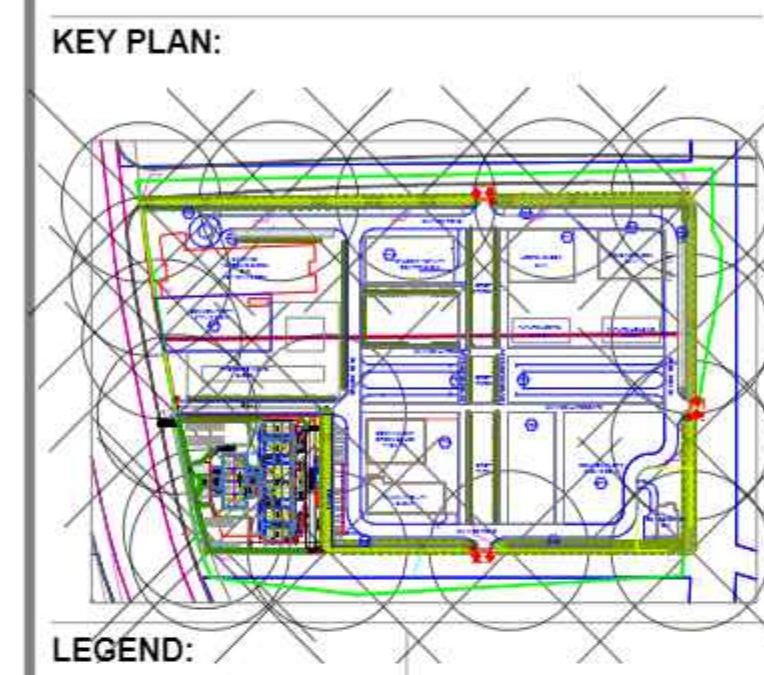
Drawing Number:
202210-GBU-H2-S3-FF-006

Revision:
North

Scale:
0 2 4 M

Date:
23/05/2024

- NOTE:
- Do not scale the drawing
 - Only written dimensions and UTM coordinate reference provided to be followed.
 - All dimensions are in mm /cm/ m
 - All areas in Sq.mt
 - Total Plot area - 79,726.78 SQMT for integrated campus of Department of Science and Technology (DST), Government of Gujarat (GoG)



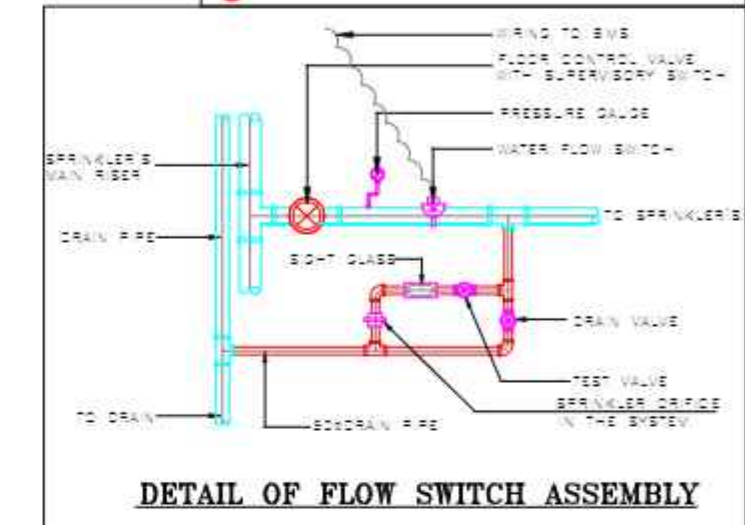
OWNERS
GUJARAT BIOTECHNOLOGY UNIVERSITY

ARCHITECT:

C-85, SHIVALIK
NEW DELHI-110017
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MAIL: mail@sgadesignlab.com

GIFT Urban Development Authority:

FIRE LEGEND:-	
	FIRE HOSE CABINET
	FLOW SWITCH
	SPRINKLER
	SPRINKLER FEEDER LINE
	SPR BRANCH PIPE
	150mm FIRE PIPE
	BUTTER FLY VALVE
	NON-RETURN VALVE
	FIRE BRIGADE CONNECTION
	MILD STEEL
	M.S. FIRE PIPE
	ABC (POWDER TYPE) OF 2 Kg. CAPACITY
	ONE NO. 5 Kg. DCP OR CO2 EXTINGUISHER
	FIRE BRIGADE INLET CONNECTION
	EXTERNAL FIRE HYDRANT



SCHEDULE 1: FIRE FIGHTING EQUIPMENT SCHEDULE		
Sl. No.	Item Description	Remarks
1	SPRINKLER RISER	150mm MS FIRE WET RISER
2	SPRINKLER PIPE	150mm MS SPRINKLER PIPE
3	SPRINKLER HEAD	150mm MS SPRINKLER HEAD
4	SPRINKLER VALVE	150mm MS SPRINKLER VALVE
5	SPRINKLER TEST COCK	150mm MS SPRINKLER TEST COCK
6	SPRINKLER TEST VALVE	150mm MS SPRINKLER TEST VALVE
7	SPRINKLER TEST PIPE	150mm MS SPRINKLER TEST PIPE
8	SPRINKLER TEST FITTING	150mm MS SPRINKLER TEST FITTING
9	SPRINKLER TEST GASKET	150mm MS SPRINKLER TEST GASKET
10	SPRINKLER TEST NUT	150mm MS SPRINKLER TEST NUT
11	SPRINKLER TEST WASHER	150mm MS SPRINKLER TEST WASHER

ISSUED FOR :
TENDER
PURPOSE

SHEET NO.
/

Drawing Title:
HOUSING FIRE FIGHTING

Drawing Subtitle:
TERRACE PLAN

Project Title:
**GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT**

Drawing Number:
202210-GBU-H2-S3-FF-007

Revision:
North

Scale:
0 2X 4X

Date:
23/05/2024

NOTE:
1. Do not scale the drawing
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm /cm/ m
4. All areas in Sq.mt
5. Total Plot area - 79,726.78 SQMT for integrated campus of Department of Science and Technology (DST), Government of Gujarat (GoG)

KEY PLAN:

LEGEND:

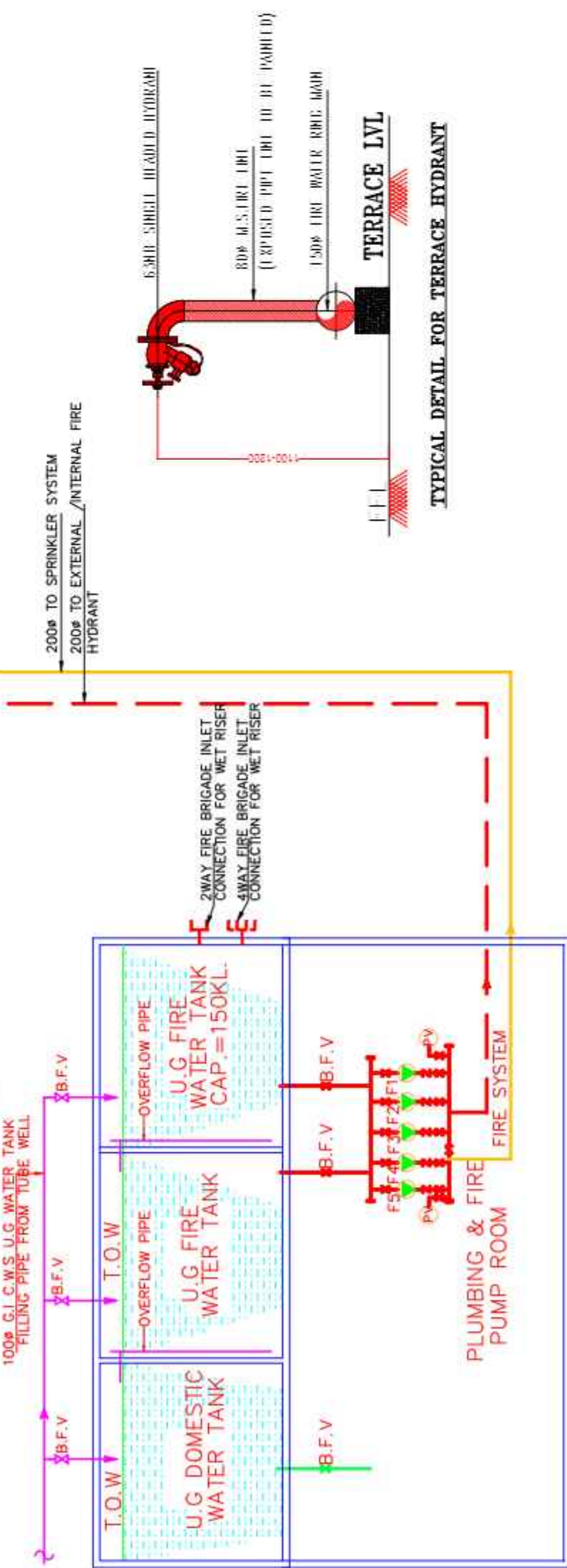
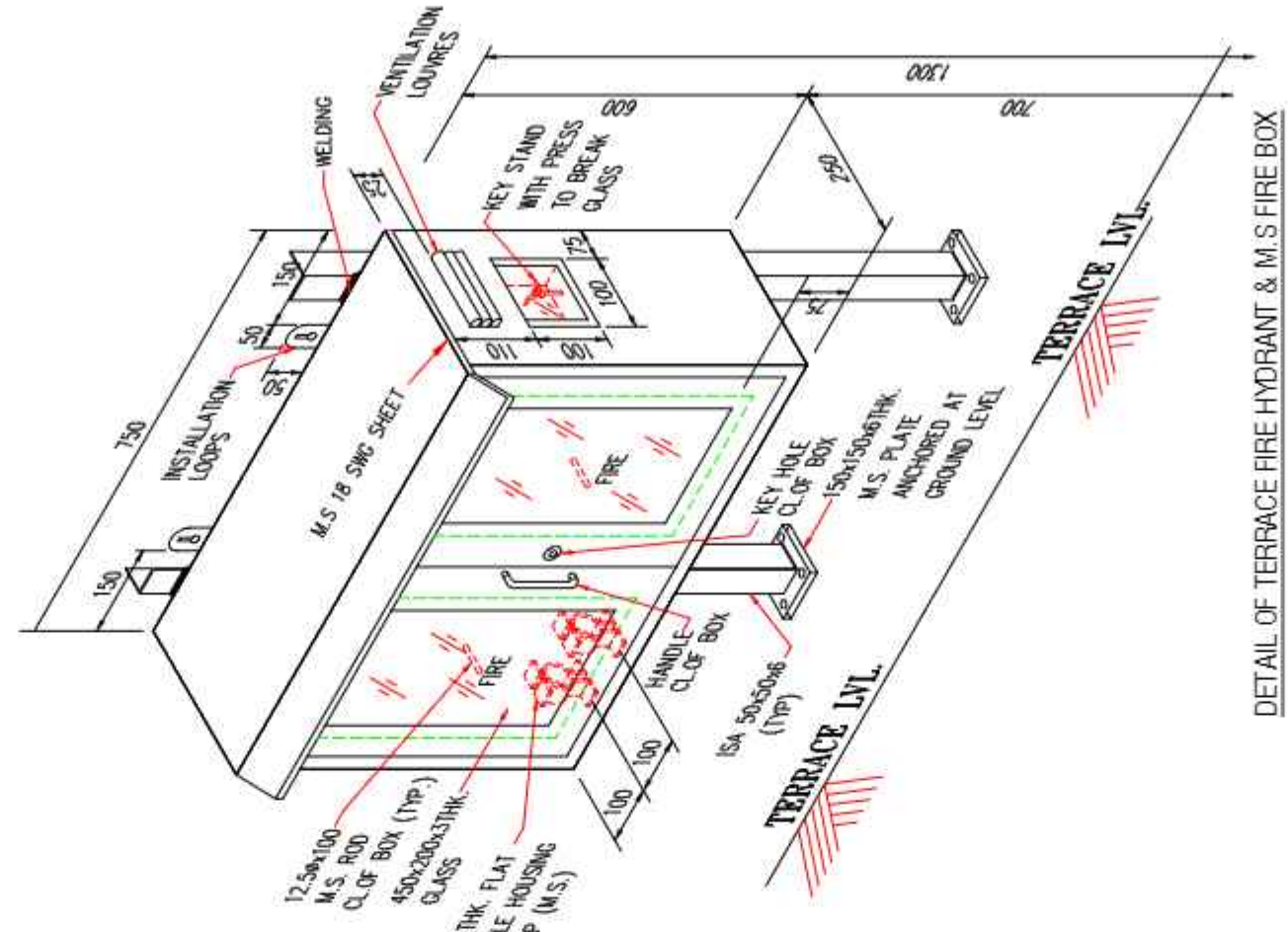
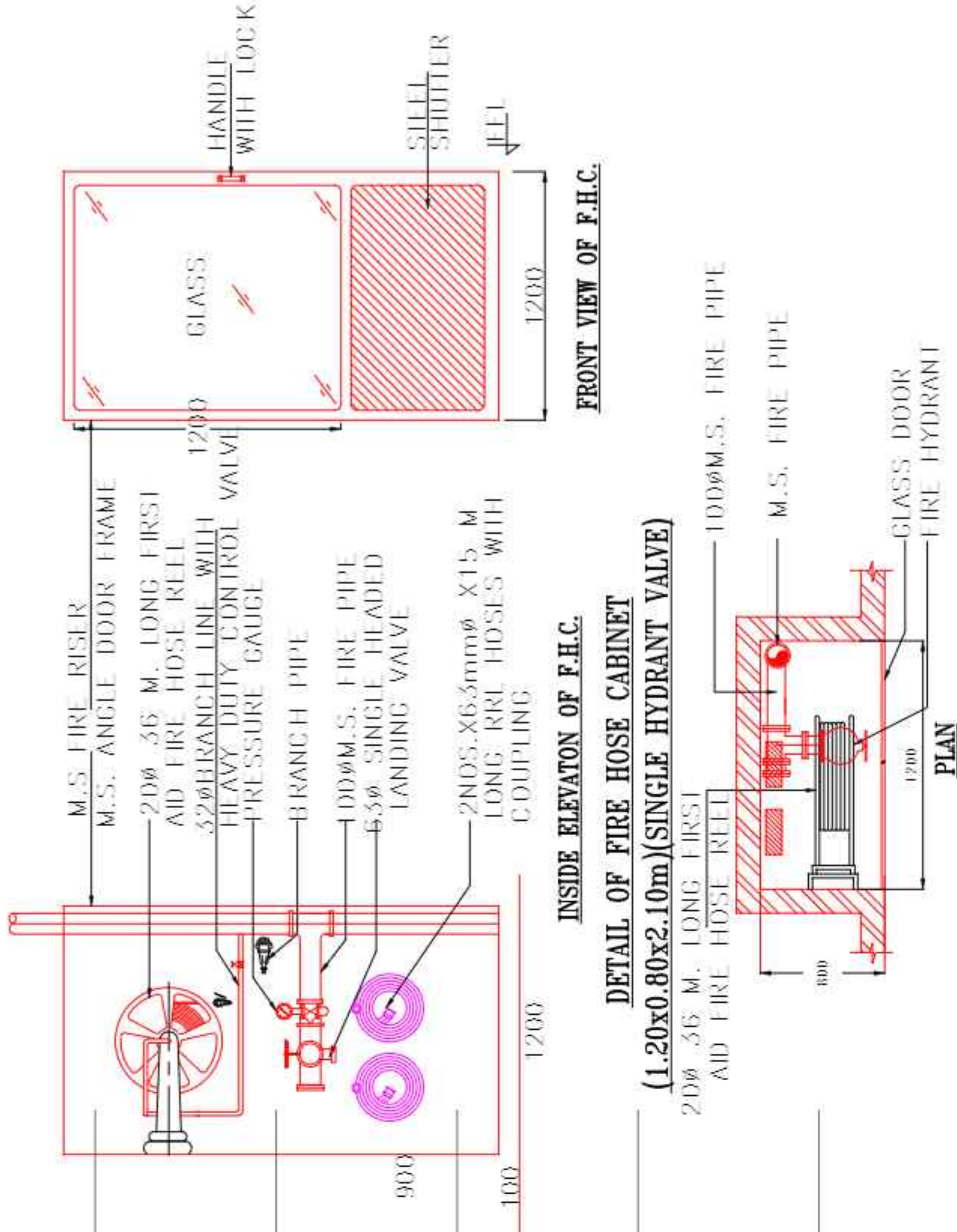
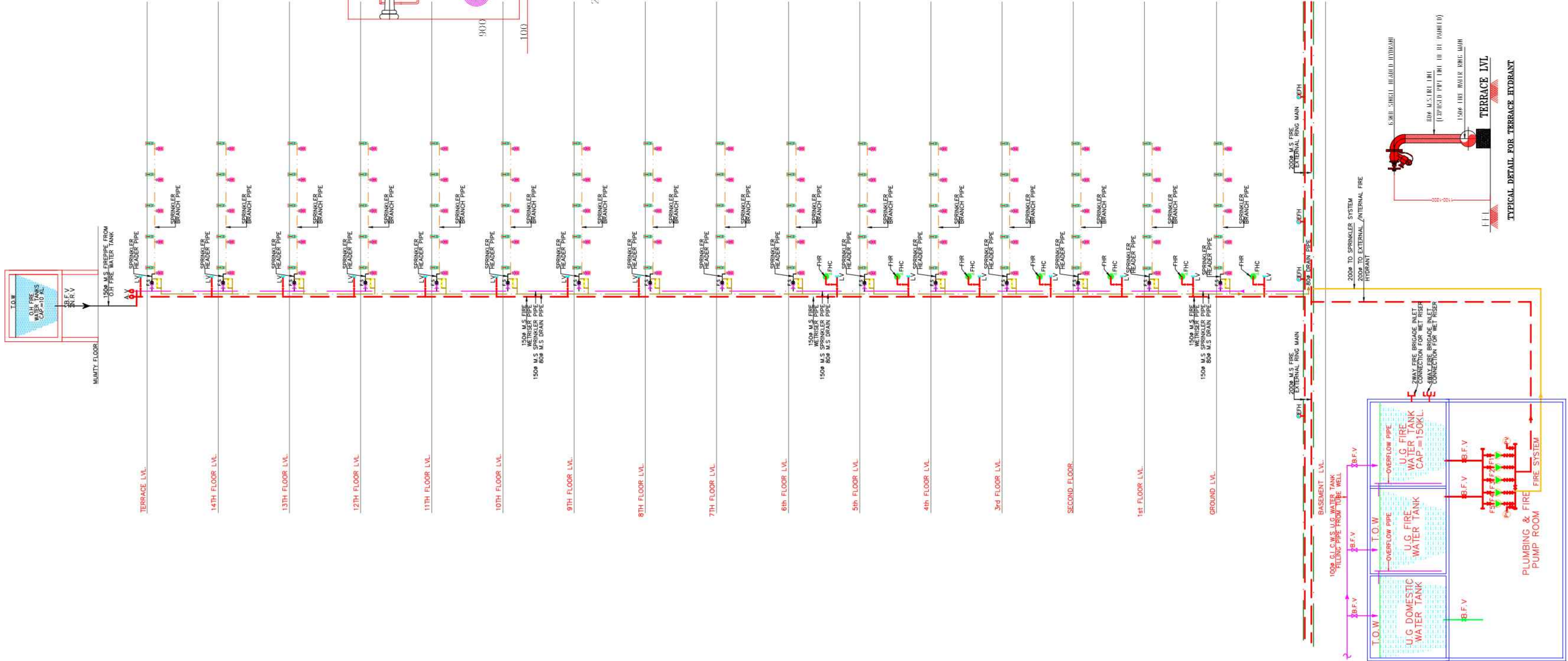
OWNERS
GUJARAT BIOTECHNOLOGY UNIVERSITY

ARCHITECT:

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MAIL:mail@sgadesignlab.com

GIFT Urban Development Authority:

Table with 2 columns: SLD, and details of fire fighting system components and their specifications.



ISSUED FOR : TENDER PURPOSE

SHEET NO. 1

Drawing Title: HOUSING FIRE FIGHTING

Drawing Subtitle: SLD

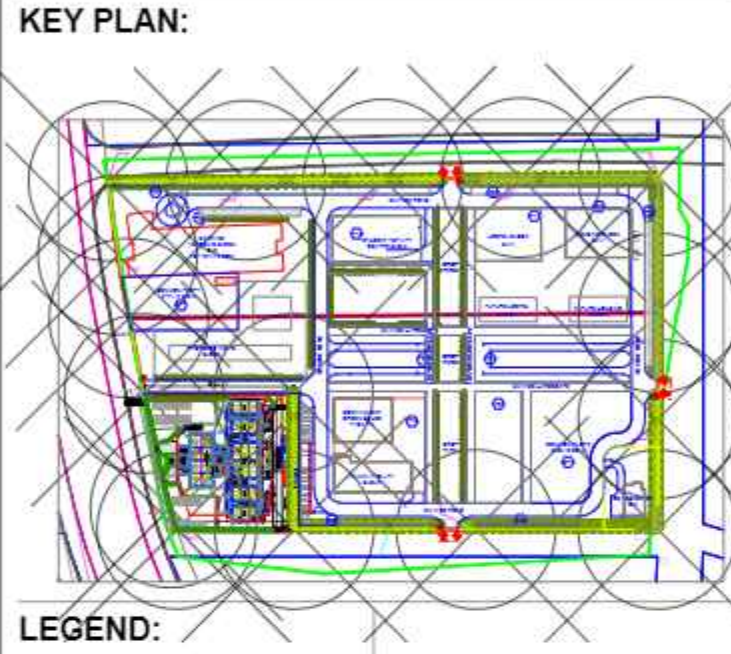
Project Title: GUJARAT BIOTECHNOLOGY UNIVERSITY, GIFT CITY, GANDHINAGAR, GUJARAT

Drawing Number: 202210-GBU-H2-S3-FF-SLD-008

Revision: North

Scale: 0 2Y 4X

Date: 23/05/2024



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GIFT Urban Development Authority:

Drawing Title:
SAC_BLOCK
GROUND FLOOR PLAN FIRE FIGHTING LAYOUT

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

Drawing Number:
202210-GBU-SAC-S3-FF-002

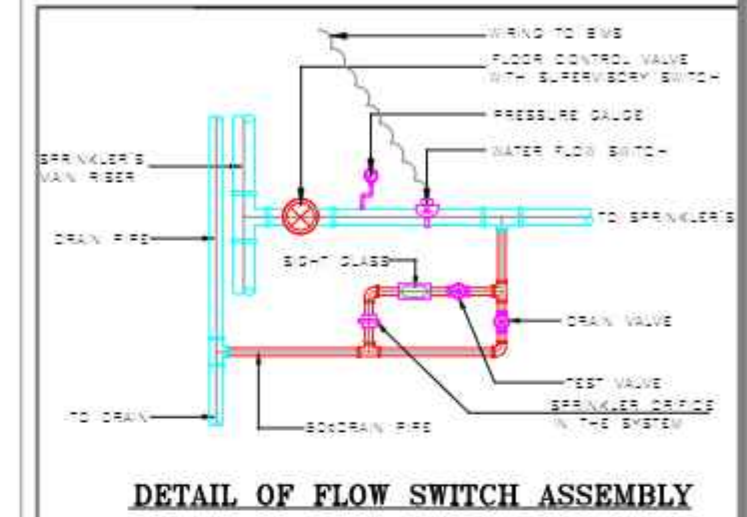
Revision: North
R0

Scale:
1:100

Date:
05/04/24

NOTE:
1. Do not scale the drawing
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm /cm/ m
4. All areas in Sq.m

KEY PLAN:



DETAIL OF FLOW SWITCH ASSEMBLY

FIRE LEGEND:-

- FIRE HOSE CABINET
- FLOW SWITCH
- SPRINKLER
- SPRINKLER FEEDER LINE
- SPR BRANCH PIPE
- 150# FIRE PIPE
- BUTTER FLY VALVE
- NON-RETURN VALVE
- F.B.C FIRE BRIGADE CONNECTION
- M.S MILD STEEL
- M.S FIRE PIPE
- ABC ABC (POWDER TYPE) OF 2 Kg. CAPACITY
- DCP ONE NO. 5 Kg. DCP OR CO2 EXTINGUISHER
- FIRE BRIGADE INLET CONNECTION
- EFHC EXTERNAL FIRE HYDRANT

LEGEND:

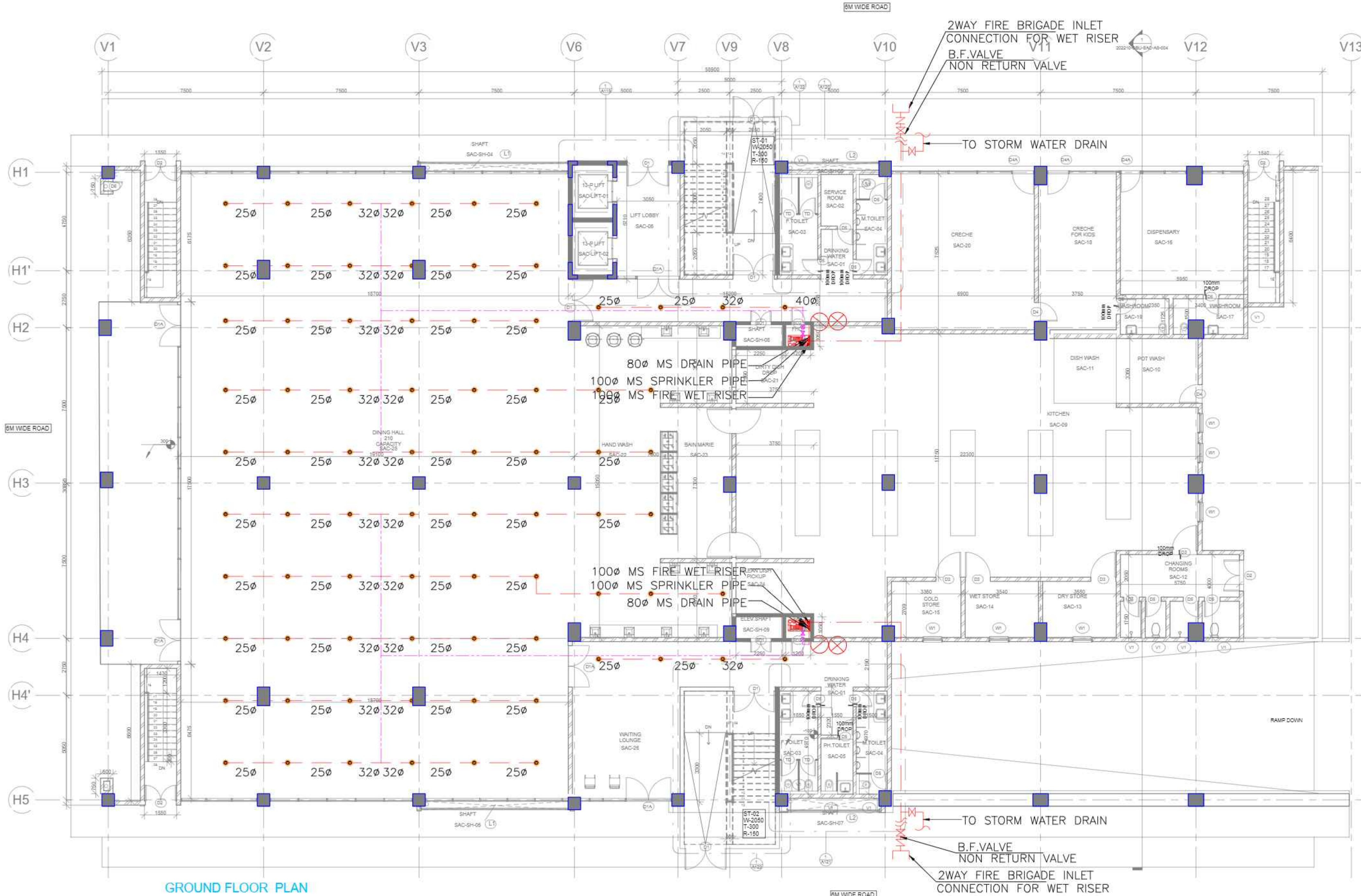
DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

ARCHITECT:
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GIFT Urban Development Authority:



GROUND FLOOR PLAN

CHECK LIST - FIRE FIGHTING SYSTEM (ASSEMBLY)			
DI-BUILDING CLASSIFICATION: ASSEMBLY ABOVE 15M BUT NOT EXCEEDING 30M IN HEIGHT			
S.NO.	ITEM	PROVIDED AS PER NBC	PROVIDED IN PLACE
1.	FIRE EXTINGUISHERS	PROVIDED AS PER NBC	PROVIDED IN PLACE
2.	HOSE REEL	HOSE REEL WITH LAZING VALVE AND FIRE HOSE ARE PROVIDED IN EACH FLOOR	HOSE REEL WITH LAZING VALVE AND 2 FIRE HOSES OF 12 M EACH ARE PROVIDED IN EACH FLOOR
3.	WET RISER	REQUIRED	PROVIDED
4.	DOWN COMER	NOT REQUIRED	NOT PROVIDED
5.	150# HYDRANTS	REQUIRED	PROVIDED
6.	AUTOMATIC SPRINKLER SYSTEM	REQUIRED	PROVIDED
7.	MANUALLY OPERATED ALARM SYSTEM	REQUIRED	PROVIDED
8.	AUTOMATIC DETECTION SYSTEM	REQUIRED	PROVIDED
9.	OVER HEAD WATER TANK	10,000 LITRES REQUIRED	FIRE WATER OVER HEAD TANK OF CAPACITY 1000 LITRES NEAR DOWN COMER WATER OVER HEAD TANK
10.	TERRACE FIRE PUMP	NOT REQUIRED	NOT PROVIDED
11.	UNDER GROUND WATER TANK & PUMP	REQUIRED	PROVIDED

Drawing Title:
SAC_BLOCK
FIRST FLOOR PLAN FIRE FIGHTING LAYOUT

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

Drawing Number:
202210-GBU-SAC-S3-FF-003

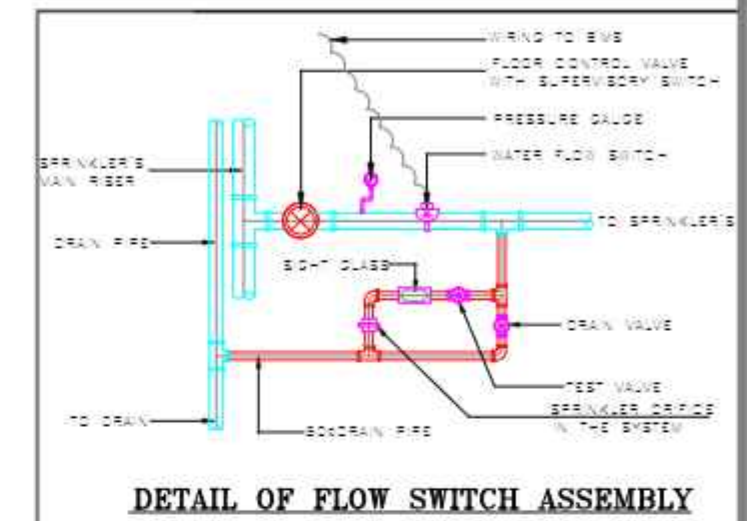
Revision: North
R0

Scale:
1:100

Date:
05/04/24

NOTE:
1. Do not scale the drawing
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm /cm/ m
4. All areas in Sq.m

KEY PLAN:



DETAIL OF FLOW SWITCH ASSEMBLY

FIRE LEGEND:-	
	FIRE HOSE CABINET
	FLOW SWITCH
	SPRINKLER
	SPRINKLER FEEDER LINE
	SPR BRANCH PIPE
	150mm FIRE PIPE
	BUTTER FLY VALVE
	NON-RETURN VALVE
	F.B.C FIRE BRIGADE CONNECTION
	M.S MILD STEEL
	M.S FIRE PIPE
	ABC (POWDER TYPE) OF 2 Kg. CAPACITY
	DCP ONE NO. 5 Kg. DCP OR CO2 EXTINGUISHER
	FIRE BRIGADE INLET CONNECTION
	EFHC EXTERNAL FIRE HYDRANT

LEGEND:

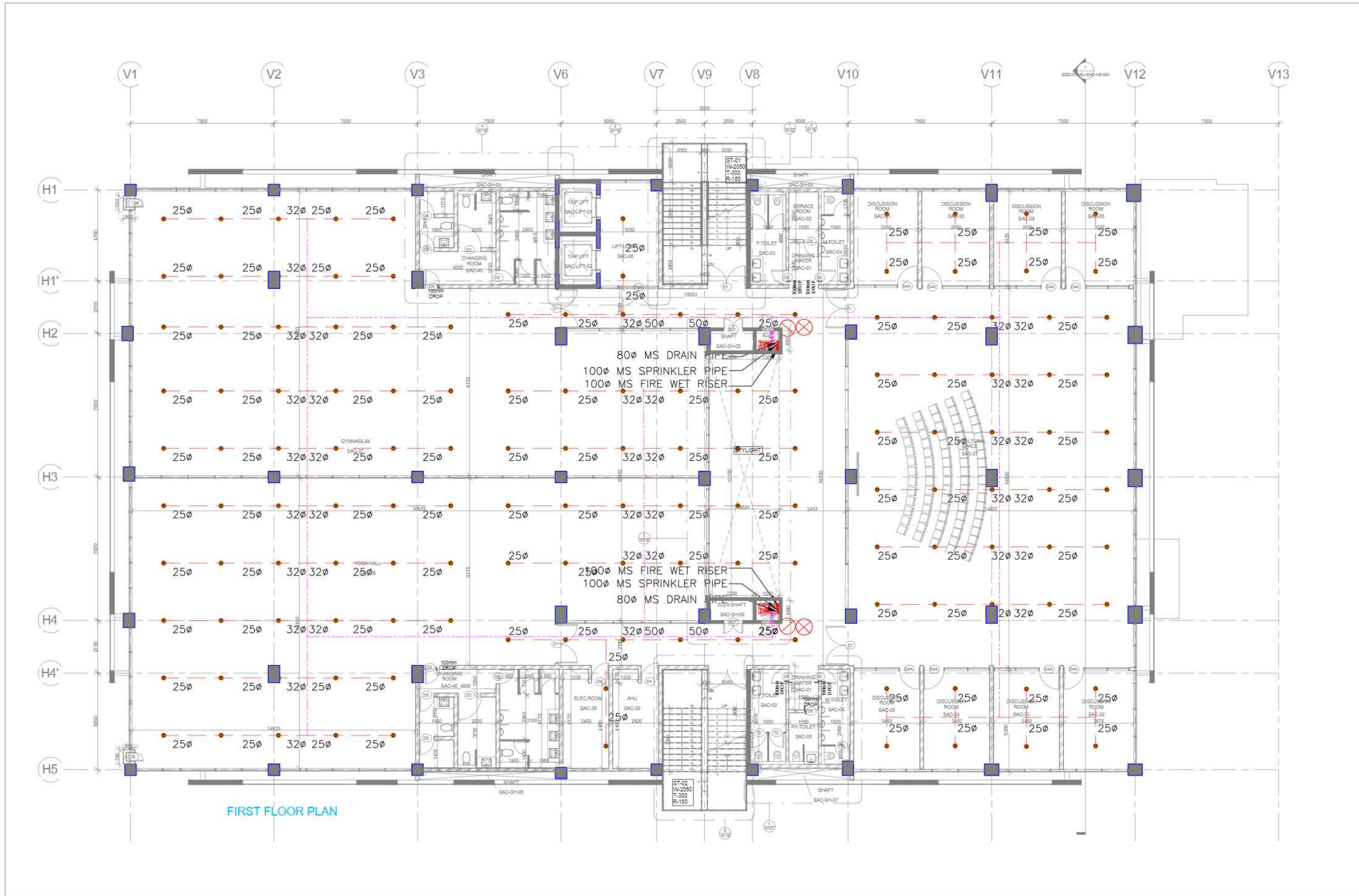
DEVELOPER:
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ARCHITECT:
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GIFT Urban Development Authority:



FIRST FLOOR PLAN

CHECK LIST - FIRE FIGHTING SYSTEM (ASSEMBLY)		
S.NO.	ITEM	PROVIDED
1.	FIRE EXTINGUISHERS	PROVIDED AS PER REQ.
2.	FIRE HOSE REEL	PROVIDED AS PER REQ.
3.	FIRE BRIGADE CONNECTION	PROVIDED
4.	DOWN COMER	NOT REQUIRED
5.	150mm HYDRANTS	PROVIDED
6.	AUTOMATIC SPRINKLER SYSTEM	PROVIDED
7.	MANUALLY OPERATED ALARM SYSTEM	PROVIDED
8.	AUTOMATIC DETECTION SYSTEM	PROVIDED
9.	OVER HEAD WATER TANK	10,000 LITRES REQUIRED: FIRE WATER OVER HEAD TANK OF CAPACITY 1000 LITRES NEAR DISBURSE WATER OVER HEAD TANK
10.	TERRACE FIRE PUMP	NOT REQUIRED
11.	UNDER GROUND WATER TANK & PUMP	REQUIRED

NOTE:

1. Do not scale the drawing.
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm /cm/ m
4. All areas in Sq.mt

KEY PLAN:



- | | |
|----------------|--|
| LEGEND: | |
|----------------|--|

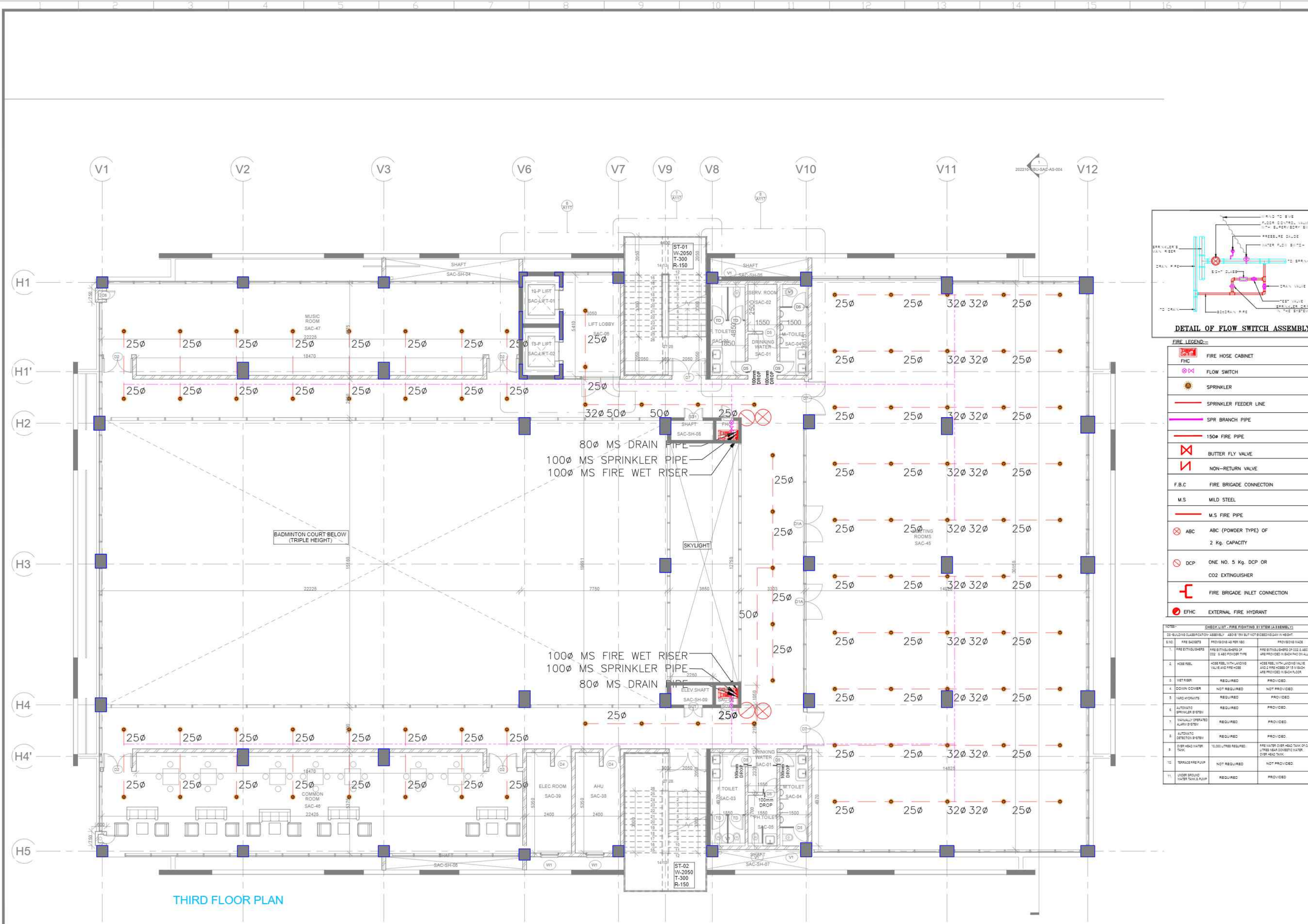
ARCHITECT:
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[illegible]

SECOND FLOOR PLAN



Drawing Title:
SAC_BLOCK
THIRD FLOOR PLAN FIRE FIGHTING LAYOUT

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

Drawing Number:
202210-GBU-SAC-S3-FF-005

Revision:
R0

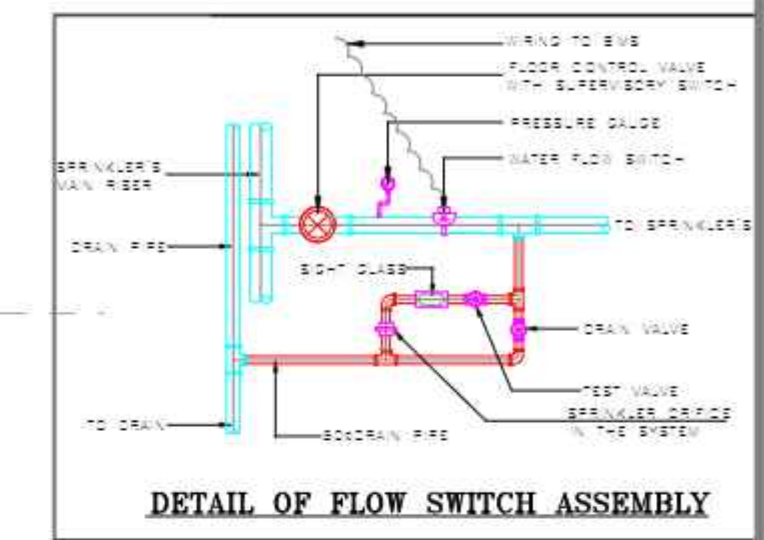
North

Scale:
1:100

Date:
05/04/24

NOTE:
1. Do not scale the drawing
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm /cm/ m
4. All areas in Sq.m

KEY PLAN:



FIRE LEGEND:-

	FIRE HOSE CABINET
	FLOW SWITCH
	SPRINKLER
	SPRINKLER FEEDER LINE
	SPR BRANCH PIPE
	150mm FIRE PIPE
	BUTTER FLY VALVE
	NON-RETURN VALVE
	FIRE BRIGADE CONNECTION
	MILD STEEL
	M.S. FIRE PIPE
	ABC (POWDER TYPE) OF 2 Kg. CAPACITY
	ONE NO. 5 Kg. DCP OR CO2 EXTINGUISHER
	FIRE BRIGADE INLET CONNECTION
	EXTERNAL FIRE HYDRANT

LEGEND:

DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

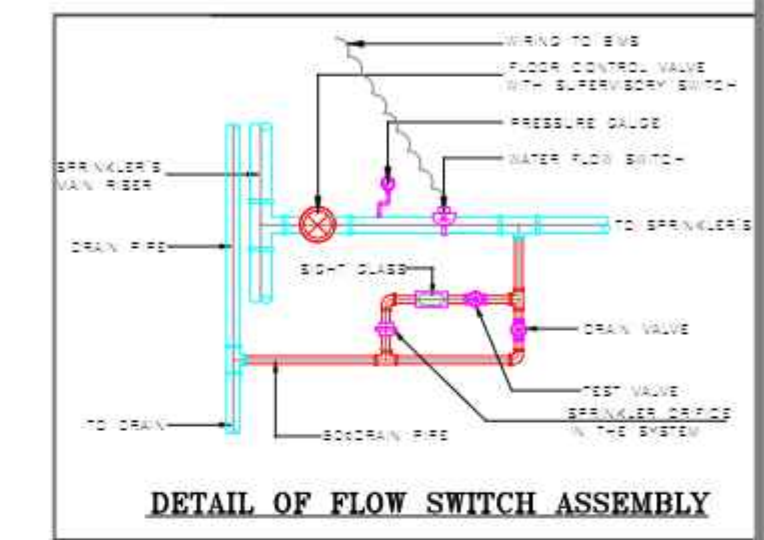
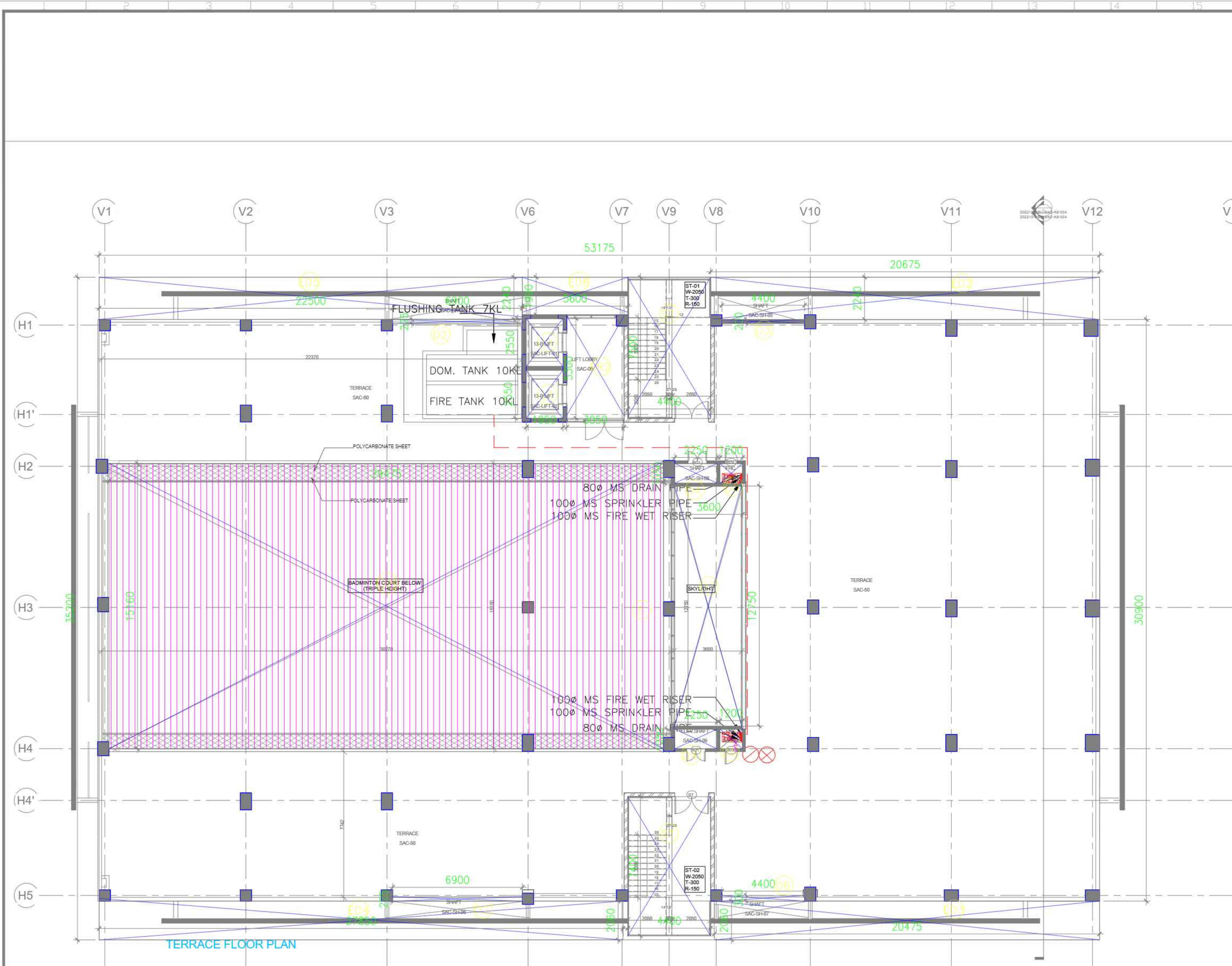
ARCHITECT:
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GIFT Urban Development Authority:

NOTES:-

S.NO.	ITEM	PROVIDED	NOT PROVIDED
1.	FIRE SMOKE DETECTORS	PROVIDED AS PER IEC	PROVIDED
2.	FIRE EXTINGUISHERS	PROVIDED AS PER IEC	PROVIDED
3.	HOSE REEL	HOSE REEL WITH LAUNCH VALVE AND FIRE HOSE	HOSE REEL WITH LAUNCH VALVE AND 2 FIRE HOSES OF 12 M EACH ARE PROVIDED IN EACH FLOOR
4.	NETTHER	REQUIRED	PROVIDED
5.	DOWN COMER	NOT REQUIRED	NOT PROVIDED
6.	150mm HYDRANTS	REQUIRED	PROVIDED
7.	AUTOMATIC SPRINKLER SYSTEM	REQUIRED	PROVIDED
8.	MANUALLY OPERATED ALARM SYSTEM	REQUIRED	PROVIDED
9.	AUTOMATIC DETECTION SYSTEM	REQUIRED	PROVIDED
10.	OVER HEAD WATER TANK	10,000 LITRES REQUIRED	FIRE WATER OVER HEAD TANK OF CAPACITY 1000 LITRES NEAR SUBSTANTIAL WATER OVER HEAD TANK
11.	UNDER GROUND WATER TANK PUMP	NOT REQUIRED	NOT PROVIDED



FIRE LEGEND:-	
	FIRE HOSE CABINET
	FLOW SWITCH
	SPRINKLER
	SPRINKLER FEEDER LINE
	SPR BRANCH PIPE
	150mm FIRE PIPE
	BUTTER FLY VALVE
	NON-RETURN VALVE
	F.B.C FIRE BRIGADE CONNECTION
	M.S MILD STEEL
	M.S FIRE PIPE
	ABC (POWDER TYPE) OF 2 Kg. CAPACITY
	ONE NO. 5 Kg. DCP OR CO2 EXTINGUISHER
	FIRE BRIGADE INLET CONNECTION
	EXTERNAL FIRE HYDRANT

CHECK LIST - FIRE FIGHTING SYSTEM (ASSEMBLY)		
S.NO.	ITEM	PROVIDED
1.	FIRE EXTINGUISHERS	PROVIDED AS PER REQ.
2.	HOSE REEL	PROVIDED
3.	NET RISER	PROVIDED
4.	DOWN COMER	NOT PROVIDED
5.	150mm HYDRANTS	PROVIDED
6.	AUTOMATIC SPRINKLER SYSTEM	PROVIDED
7.	MANUALLY OPERATED ALARM SYSTEM	PROVIDED
8.	AUTOMATIC DETECTION SYSTEM	PROVIDED
9.	OVER HEAD WATER TANK	PROVIDED
10.	TERRACE FIRE PUMP	NOT PROVIDED
11.	UNDER GROUND WATER TANK & PUMP	PROVIDED

ISSUED FOR:
TENDER
PURPOSE

SHEET NO.
1

Drawing Title:
SAC_BLOCK
TERRACE FLOOR PLAN FIRE FIGHTING LAYOUT

Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

Drawing Number:
202210-GBU-SAC-S3-FF-008

Revision:
R0

North

Scale:
1:100

Date:
05/04/24

NOTE:
1. Do not scale the drawing.
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm /cm /m
4. All areas in Sq.m

KEY PLAN:

LEGEND:

DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

ARCHITECT:
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Project Title:
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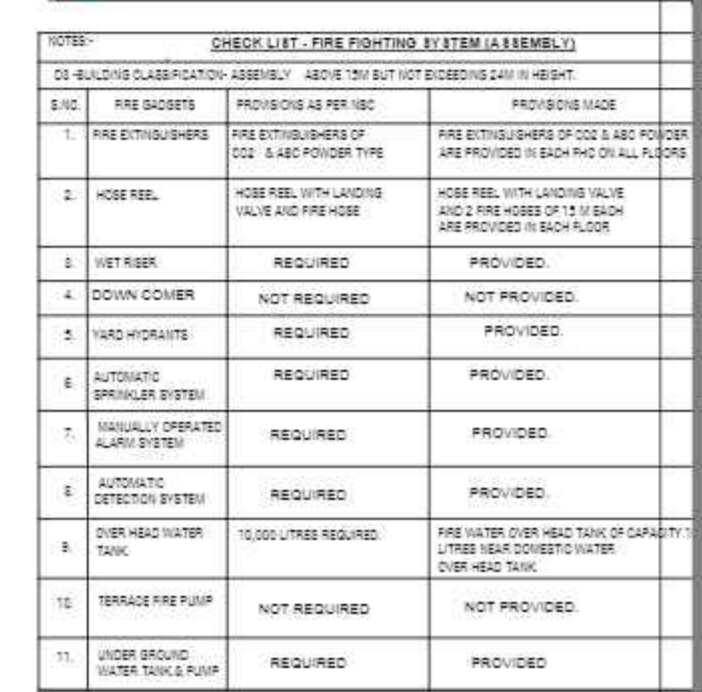
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Date: _____

KEY PLAN:

DEVELOPER:
GUJARAT BIOTECHNOLOGY UNIVERSITY

GIFT Urban Development Authority:

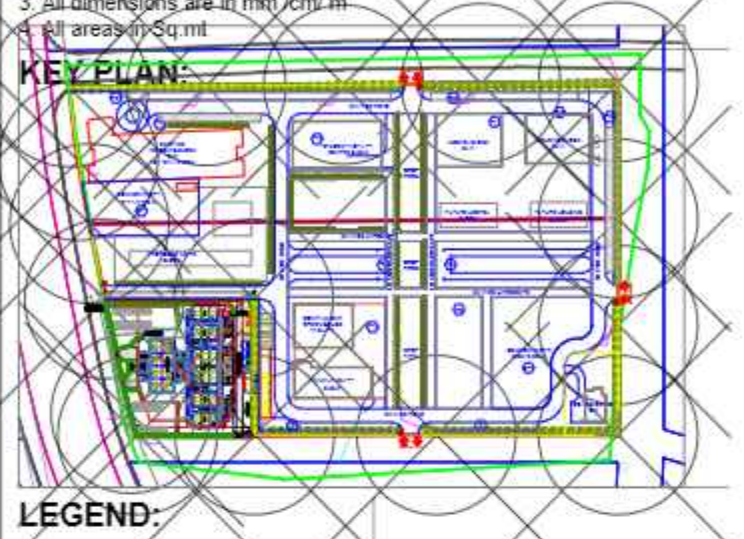


Drawing Title:
SAC_BLOCK
BASEMENT FLOOR PLAN FIRE FIGHTING
LAYOUT
Project Title:
GUJARAT BIOTECHNOLOGY UNIVERSITY,
GIFT CITY, GANDHINAGAR, GUJARAT.

Drawing Number:
202210-GBU-SAC-S3-FF-001
Revision: North
R0
Date:
05/04/24

Scale:
1:100
Date:
05/04/24

NOTE:
1. Do not scale the drawing
2. Only written dimensions and UTM coordinate reference provided to be followed.
3. All dimensions are in mm (mm) m
4. All areas are in Sq.m



DEVELOPER:
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