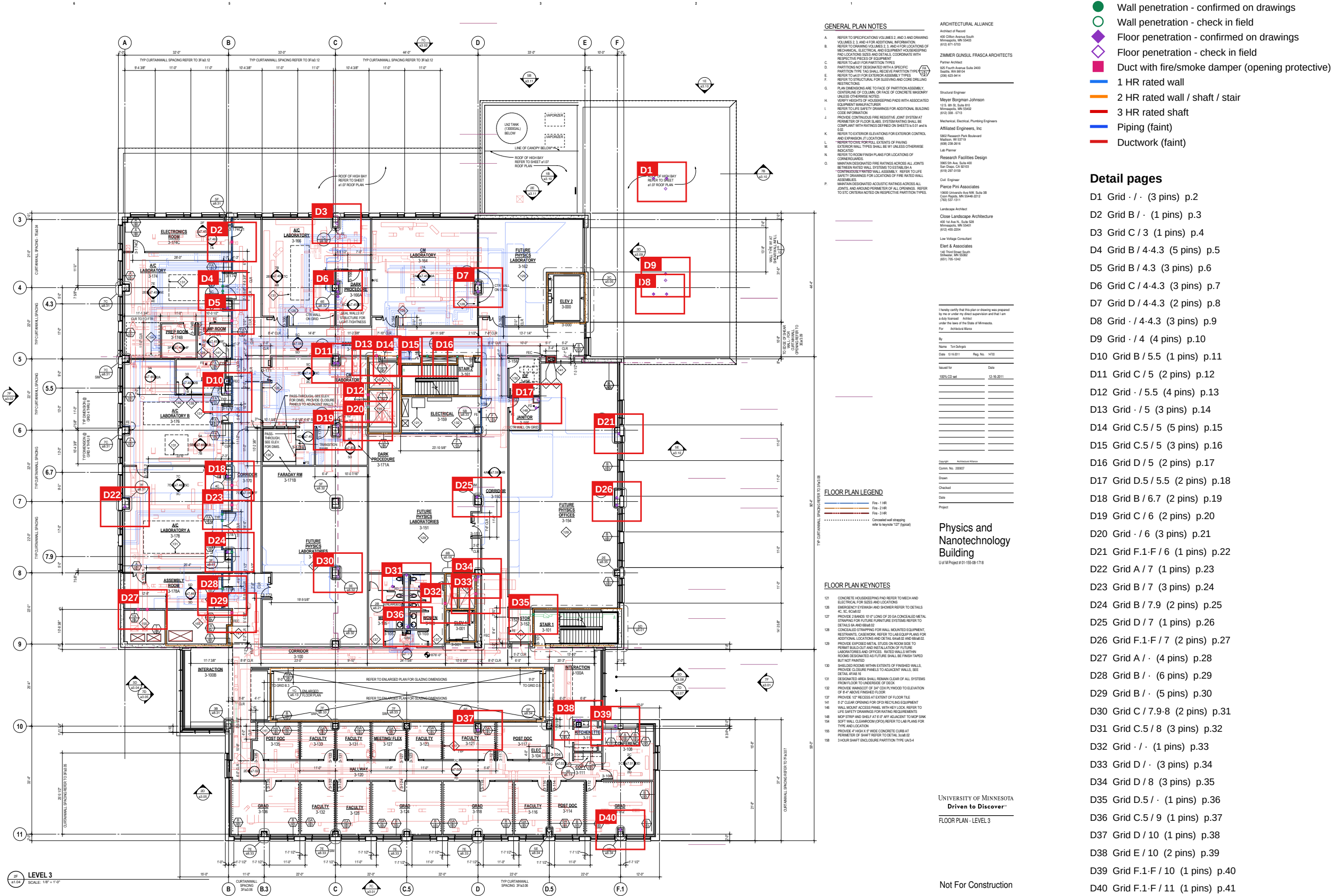
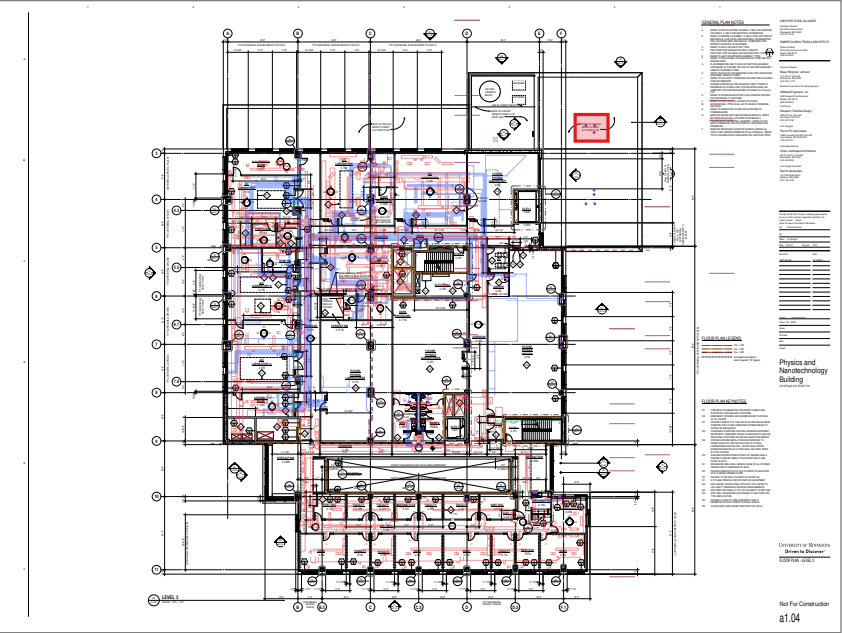




Enlarged 6.3x from a1.04. 3 pins. Pins sit on the crossing point. Filled = confirmed on drawings by two independent passes (not field-verified); hollow = check in field.

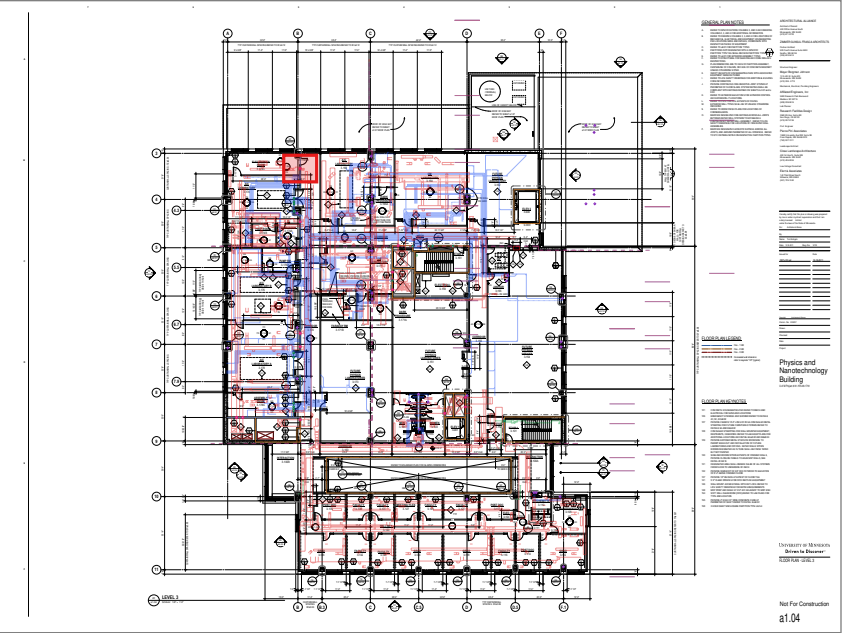
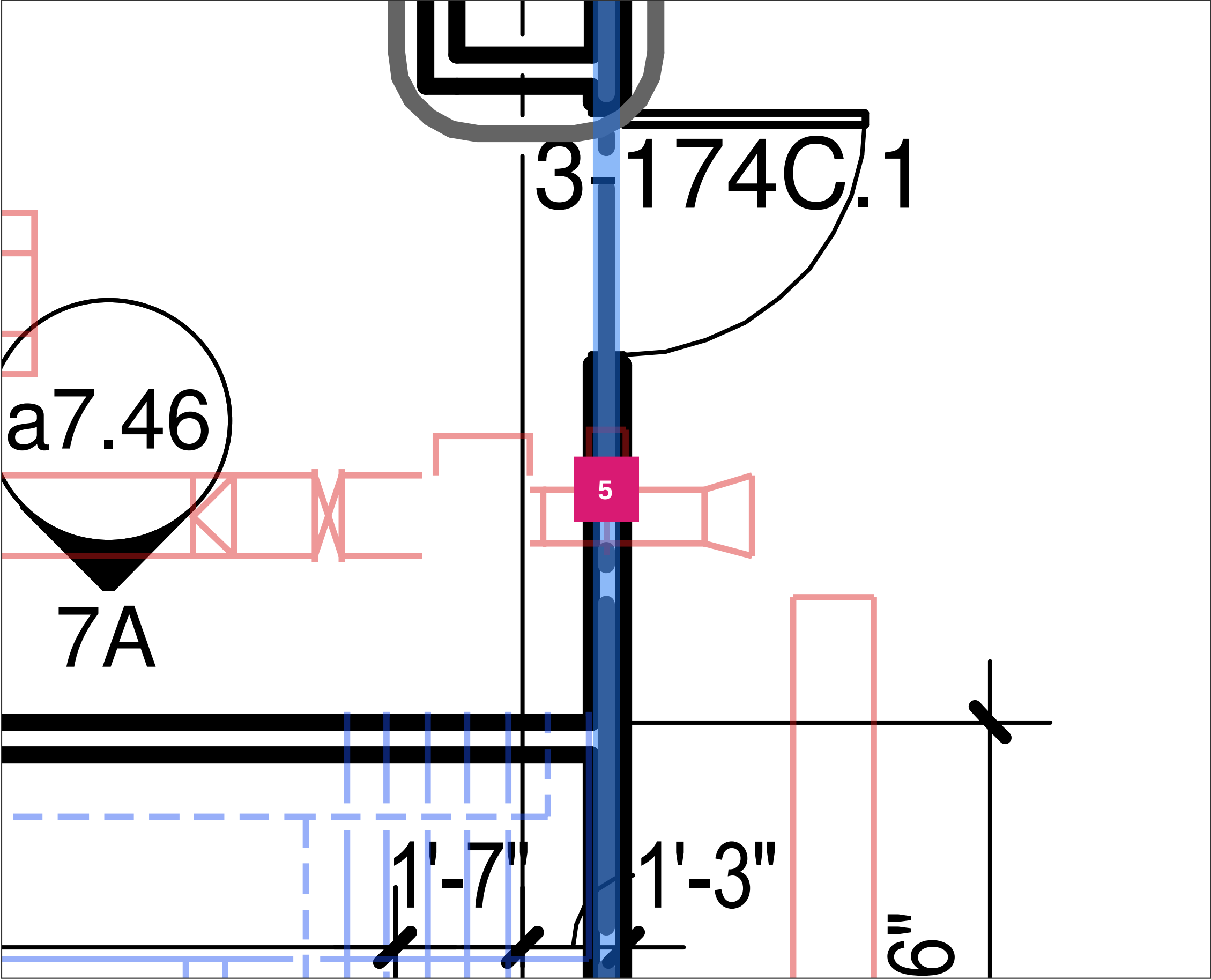
ROOF OF HIGH BAY
REFER TO SHEET
a1.07 ROOF PLAN



#	Grid	Through	Type	Required
1	F.1 / 3	2 HR floor	Pipe	F, T >= 2 hr
2	F.1 / 3	2 HR floor	Pipe	F, T >= 2 hr
4	F.1 / 3	2 HR floor	Pipe	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

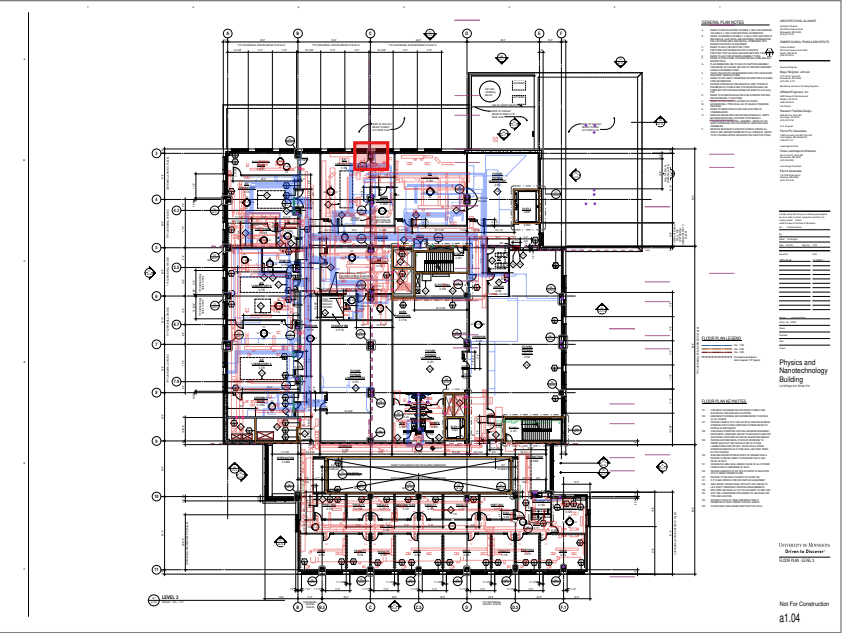
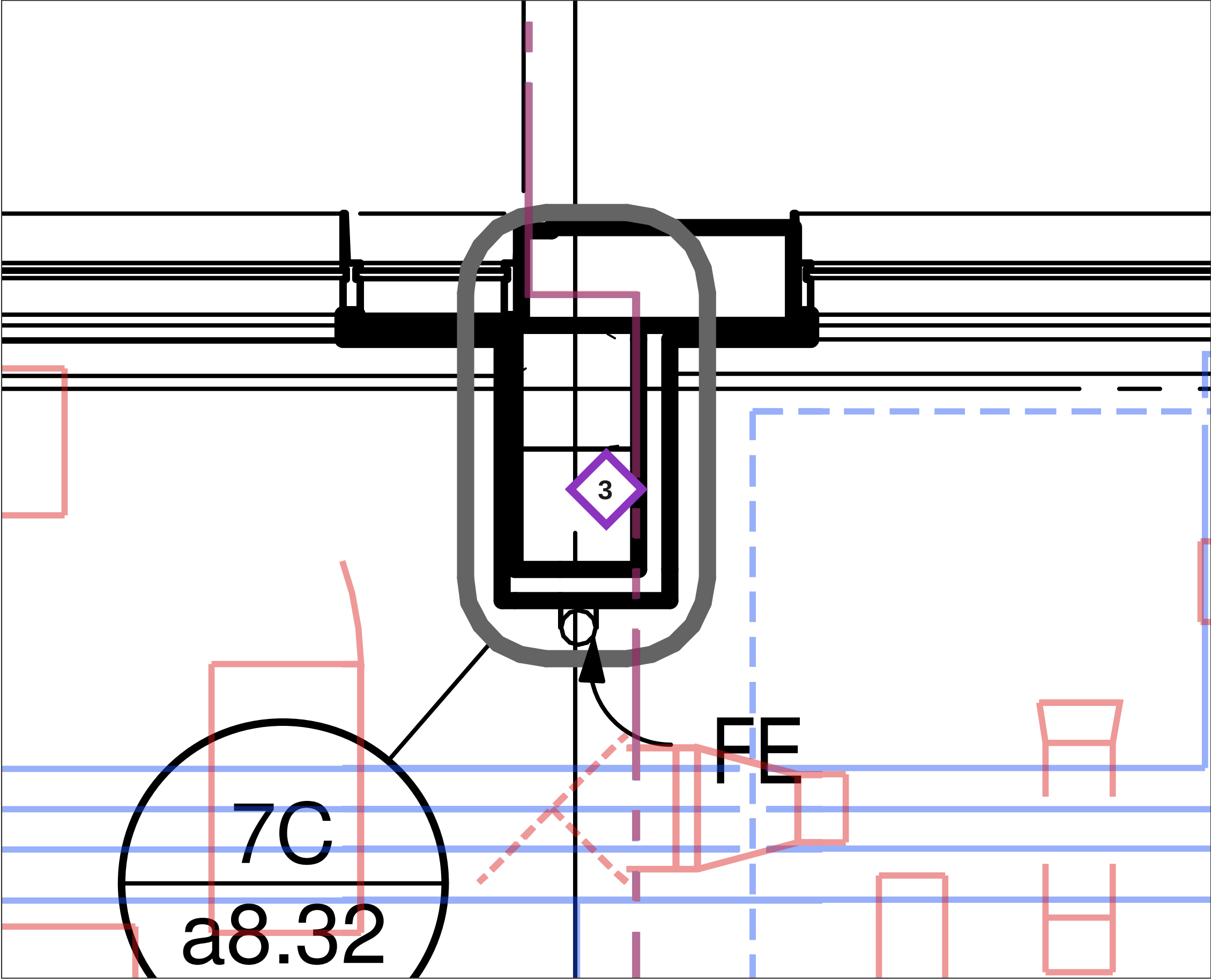
Enlarged 6.3x from a1.04. 1 pins. Pins sit on the crossing point. Filled = confirmed on drawings by two independent passes (not field-verified); hollow = check in field.



#	Grid	Through	Type	Required
5	B / 3	1 HR barrier	Multiple (2)	FD/FSD, 1 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

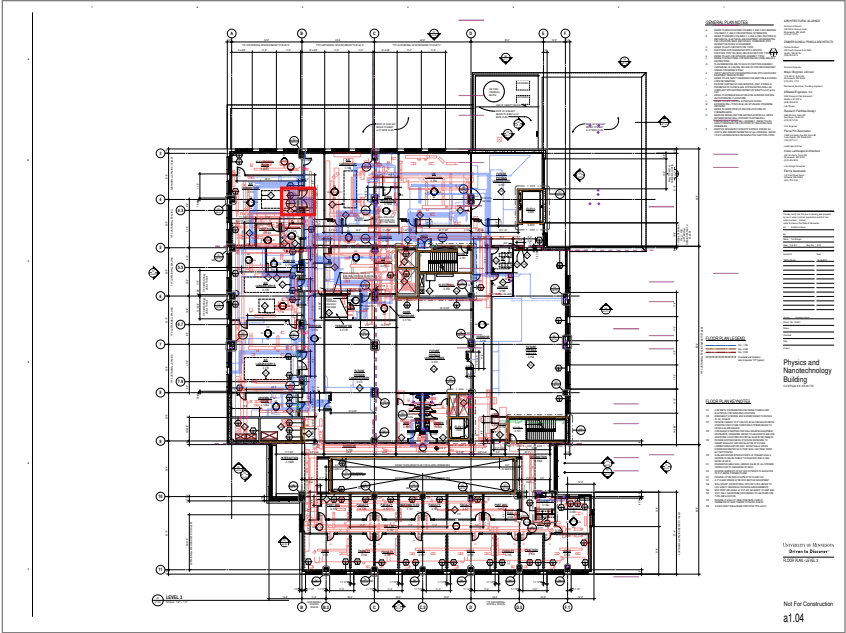
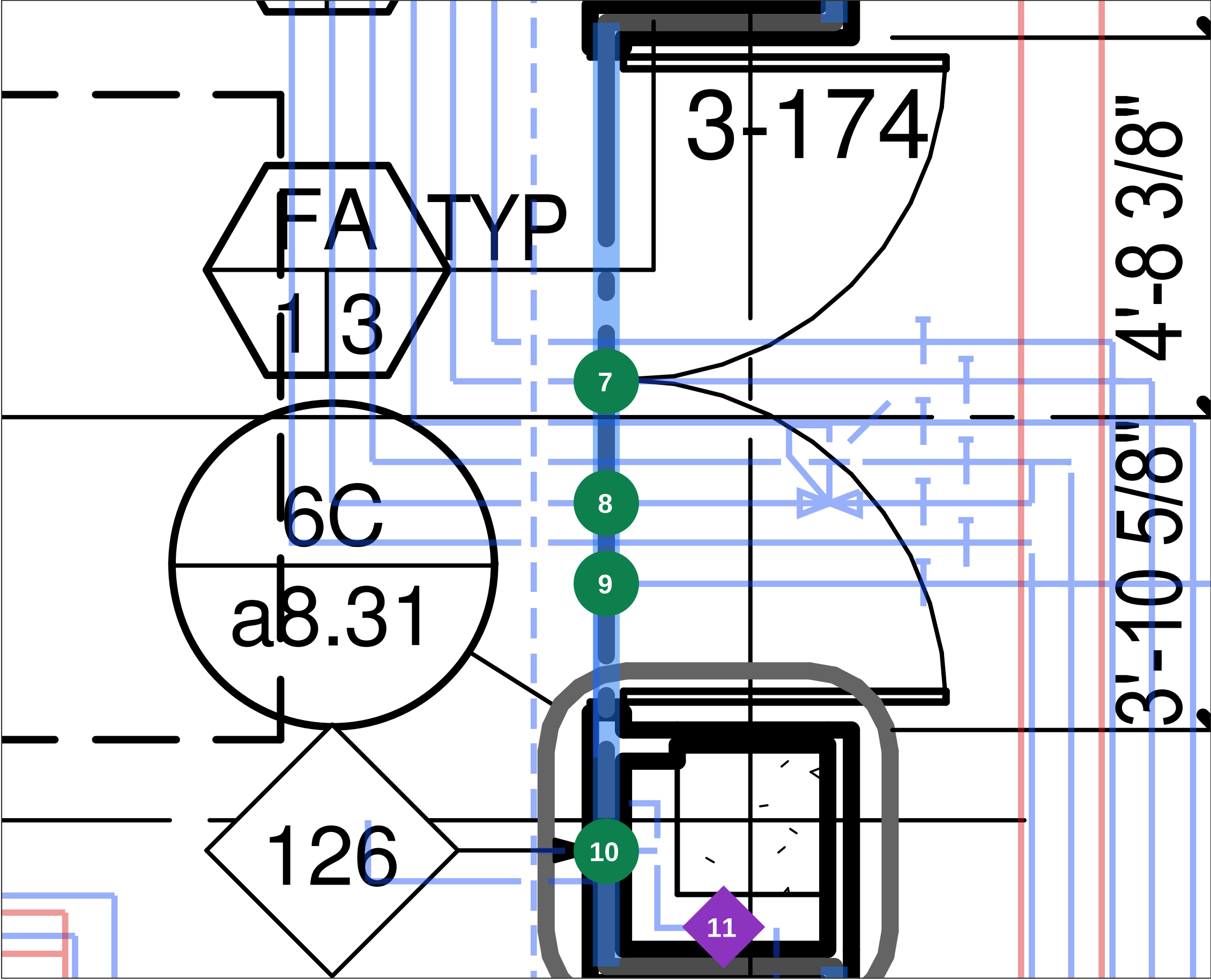
Enlarged 6.3x from a1.04. 1 pins. Pins sit on the crossing point. Filled = confirmed on drawings by two independent passes (not field-verified); hollow = check in field.



#	Grid	Through	Type	Required
◇ 3	C / 3	2 HR floor	Pipe (2)	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

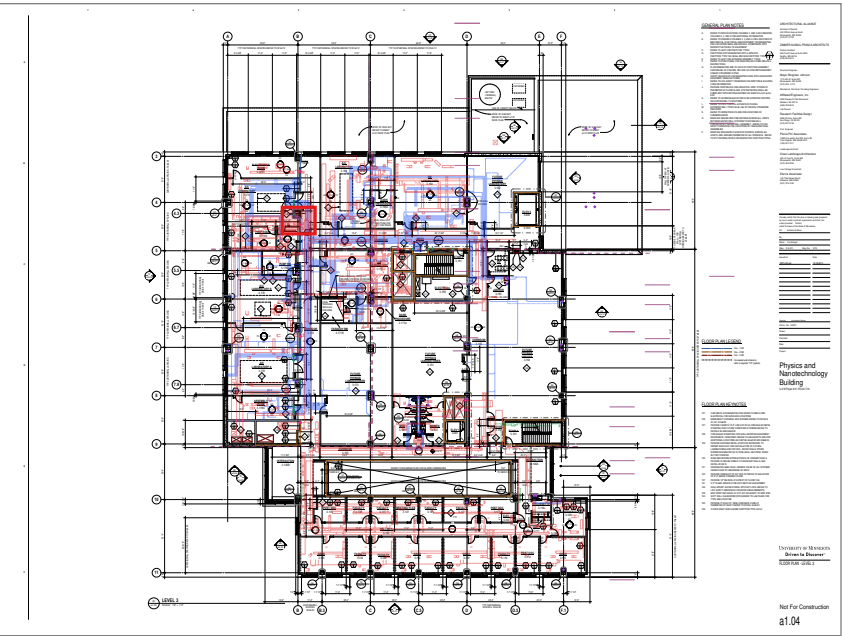
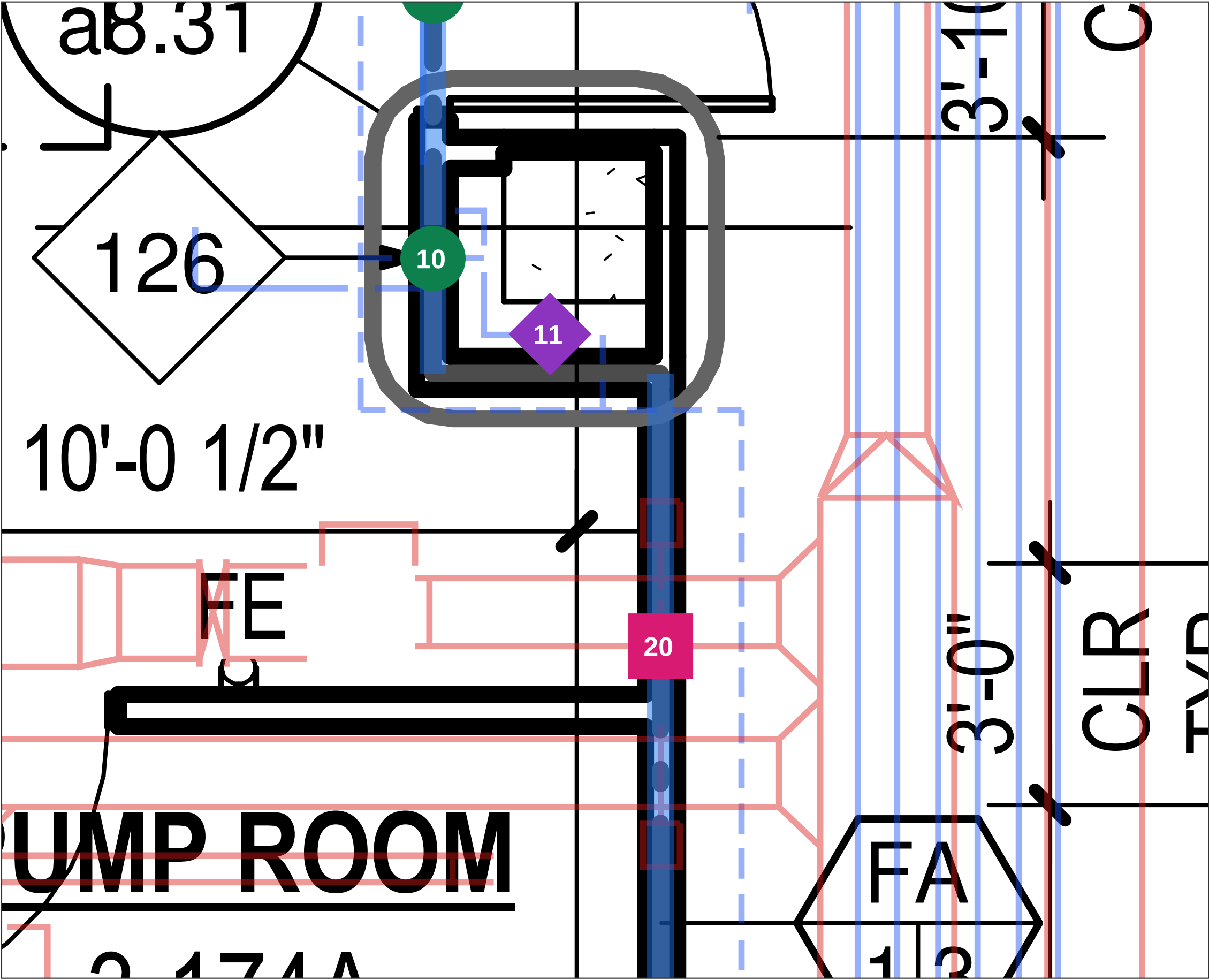
Enlarged 6.3x from a1.04. 5 pins. Pins sit on the crossing point. Filled = confirmed on drawings by two independent passes (not field-verified); hollow = check in field.



#	Grid	Through	Type	Required
7	B / 4	1 HR wall	Multiple (3)	F >= 1 hr
8	B / 4	1 HR wall	Multiple (3)	F >= 1 hr
9	B / 4	1 HR wall	Pipe	F >= 1 hr
10	B / 4.3	1 HR wall	Pipe	F >= 1 hr
11	B / 4.3	2 HR floor	Pipe	F, T >= 2 hr

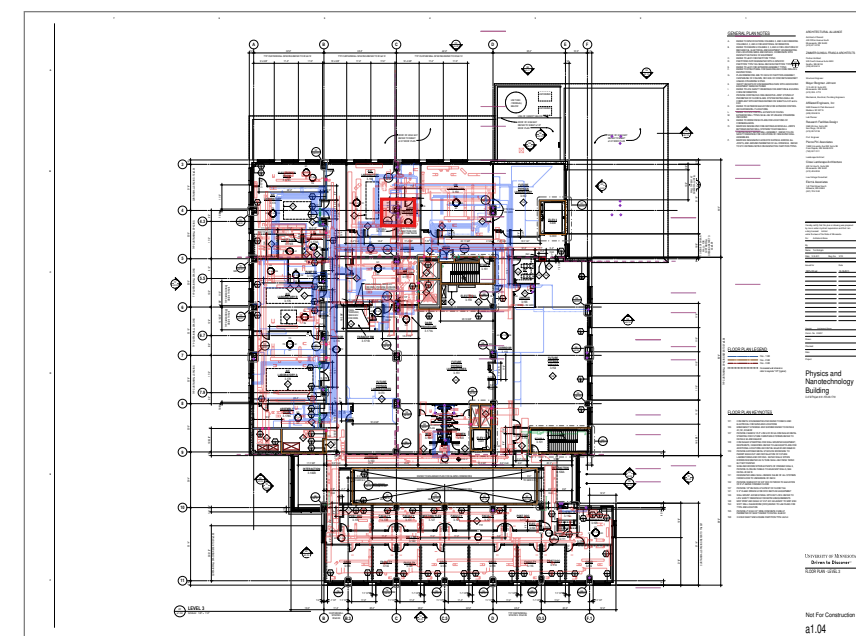
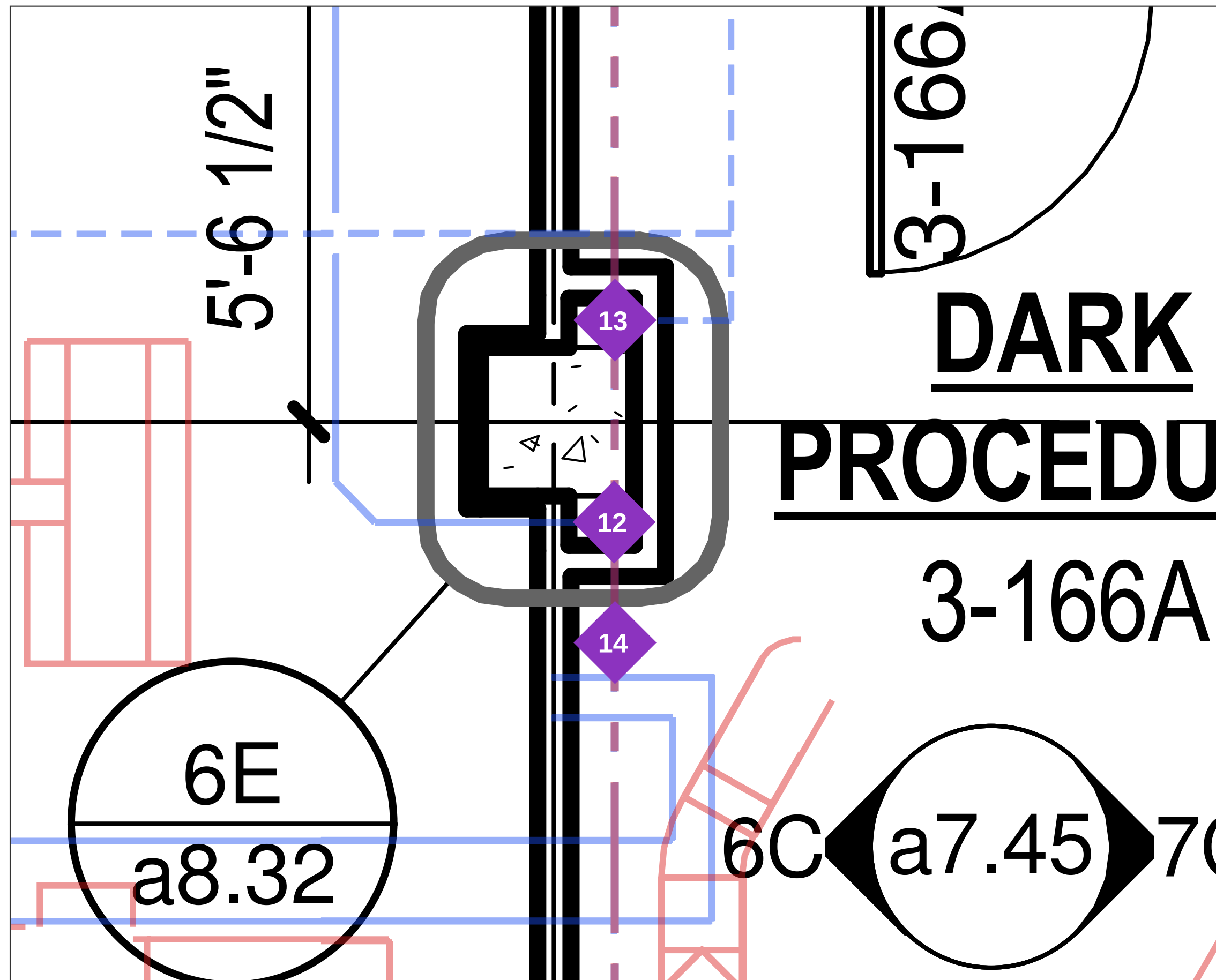
- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

Enlarged 6.3x from a1.04. 3 pins. Pins sit on the crossing point. Filled = confirmed on drawings by two independent passes (not field-verified); hollow = check in field.



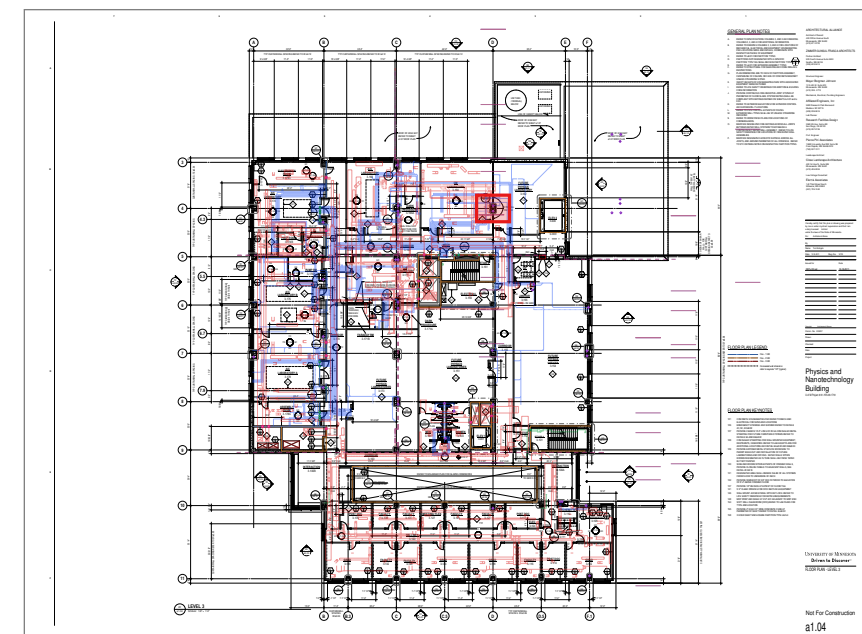
#	Grid	Through	Type	Required
10	B / 4.3	1 HR wall	Pipe	F >= 1 hr
11	B / 4.3	2 HR floor	Pipe	F, T >= 2 hr
20	B / 4.3	1 HR barrier	Multiple (4)	FD/FSD, 1 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- Floor penetration - confirmed on drawings
- Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)



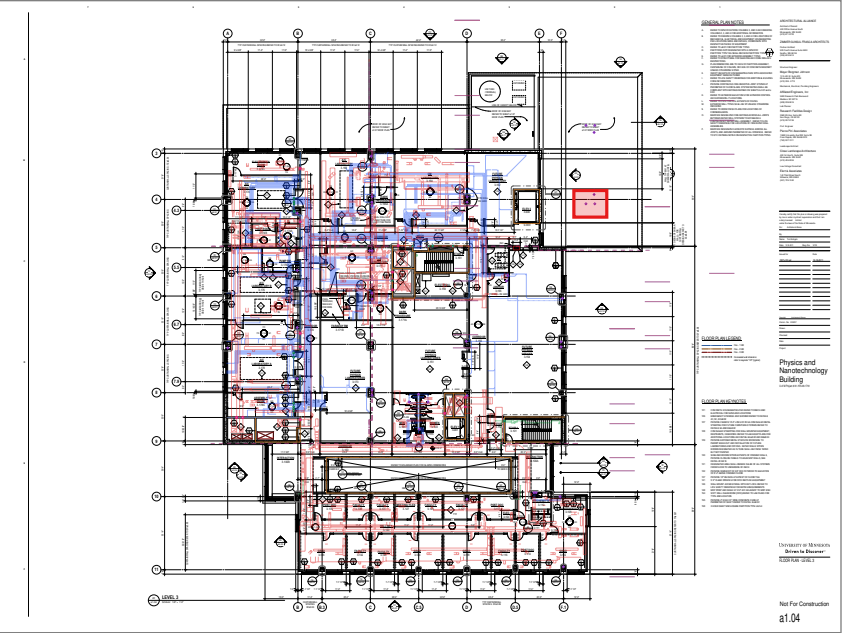
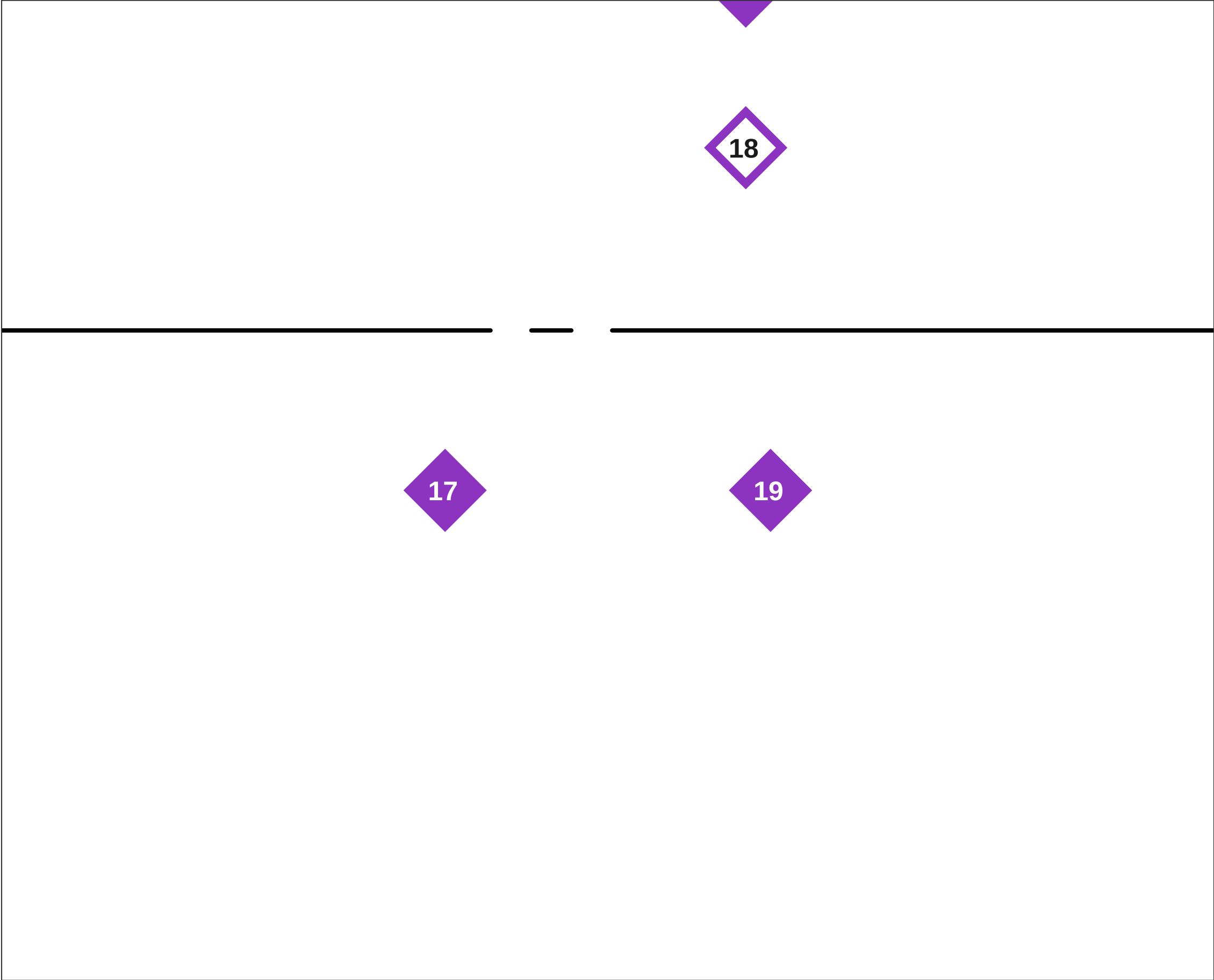
#	Grid	Through	Type	Required
◆ 12	C / 4	2 HR floor	Pipe (2)	F, T >= 2 hr
◆ 13	C / 4	2 HR floor	Pipe (2)	F, T >= 2 hr
◆ 14	C / 4.3	2 HR floor	Pipe (2)	F, T >= 2 hr

-  Wall penetration - confirmed on drawings
-  Wall penetration - check in field
-  Floor penetration - confirmed on drawings
-  Floor penetration - check in field
-  Duct with fire/smoke damper (opening protective)
-  1 HR rated wall
-  2 HR rated wall / shaft / stair
-  3 HR rated shaft
-  Piping (faint)
-  Ductwork (faint)



-  Wall penetration - confirmed on drawings
-  Wall penetration - check in field
-  Floor penetration - confirmed on drawings
-  Floor penetration - check in field
-  Duct with fire/smoke damper (opening protective)
-  1 HR rated wall
-  2 HR rated wall / shaft / stair
-  3 HR rated shaft
-  Piping (faint)
-  Ductwork (faint)

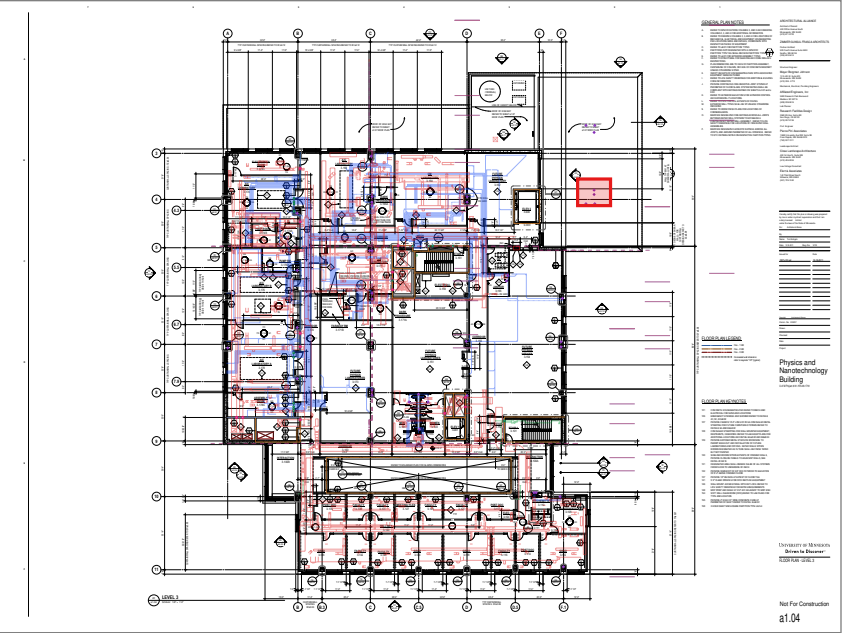
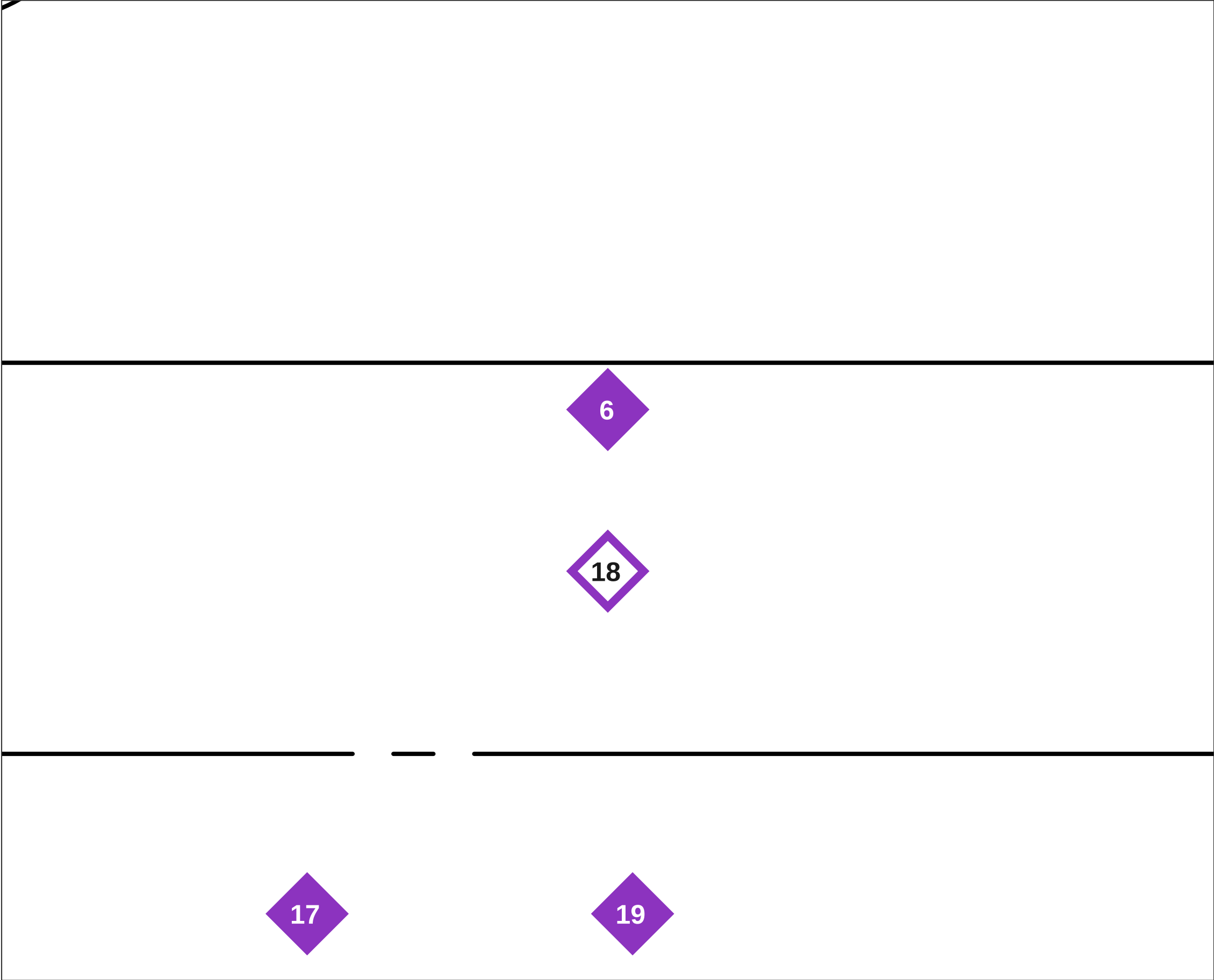
Enlarged 6.3x from a1.04. 3 pins. Pins sit on the crossing point. Filled = confirmed on drawings by two independent passes (not field-verified); hollow = check in field.



#	Grid	Through	Type	Required
◆17	F.1 / 4	2 HR floor	Pipe	F, T >= 2 hr
◇18	F.1 / 4	2 HR floor	Pipe	F, T >= 2 hr
◆19	F.1 / 4	2 HR floor	Pipe	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

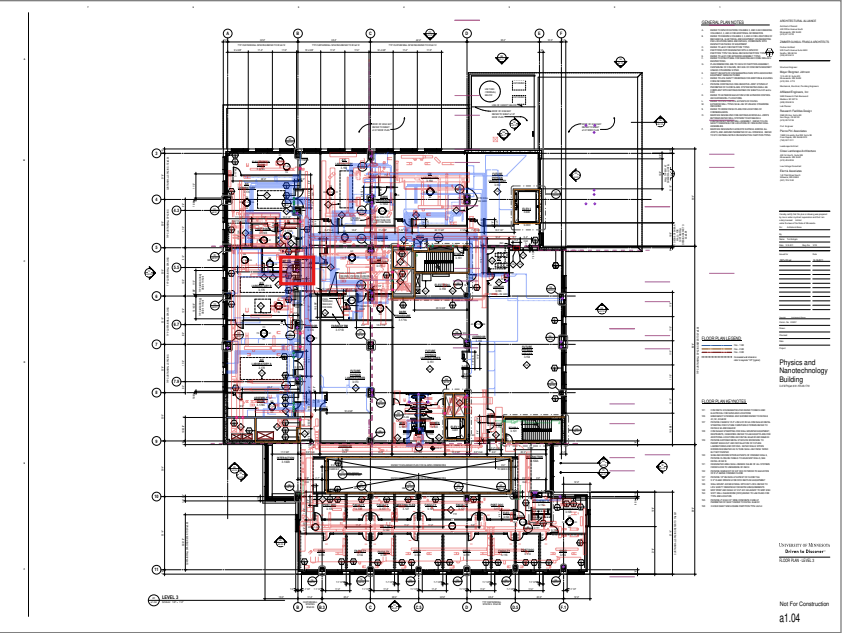
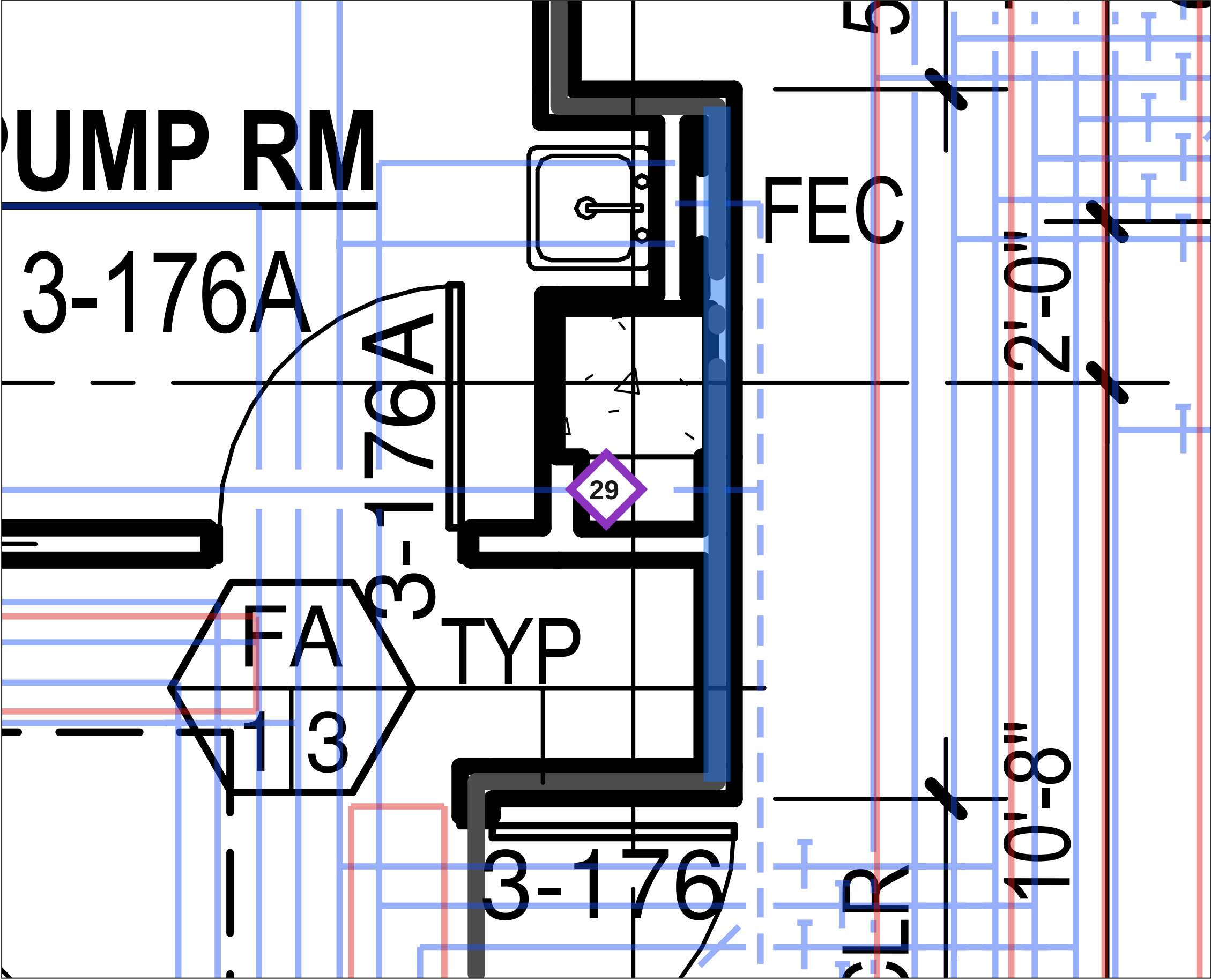
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#	Grid	Through	Type	Required
6	F.1 / 4	2 HR floor	Pipe	F, T >= 2 hr
17	F.1 / 4	2 HR floor	Pipe	F, T >= 2 hr
18	F.1 / 4	2 HR floor	Pipe	F, T >= 2 hr
19	F.1 / 4	2 HR floor	Pipe	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

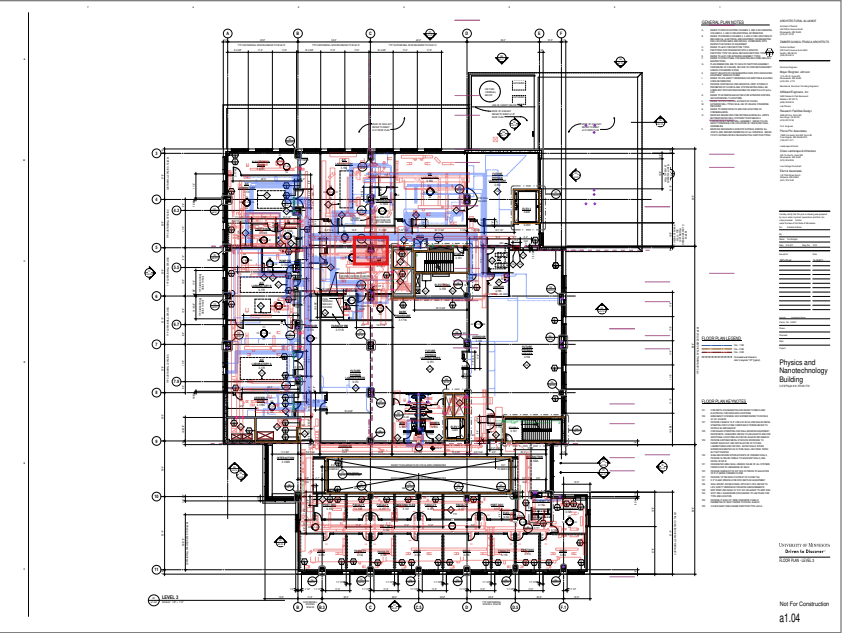
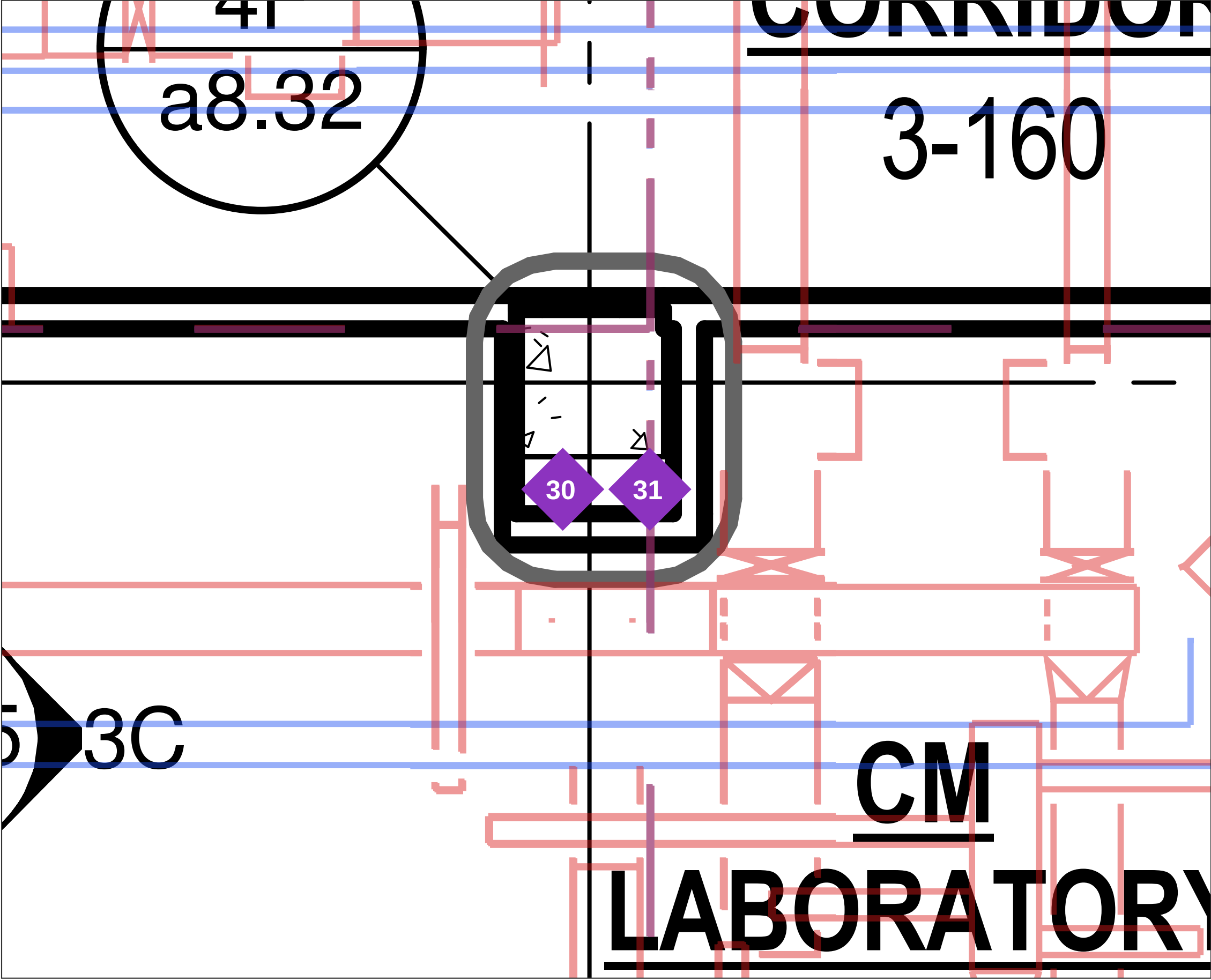
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#	Grid	Through	Type	Required
29	B / 5.5	2 HR floor	Pipe	F, T >= 2 hr

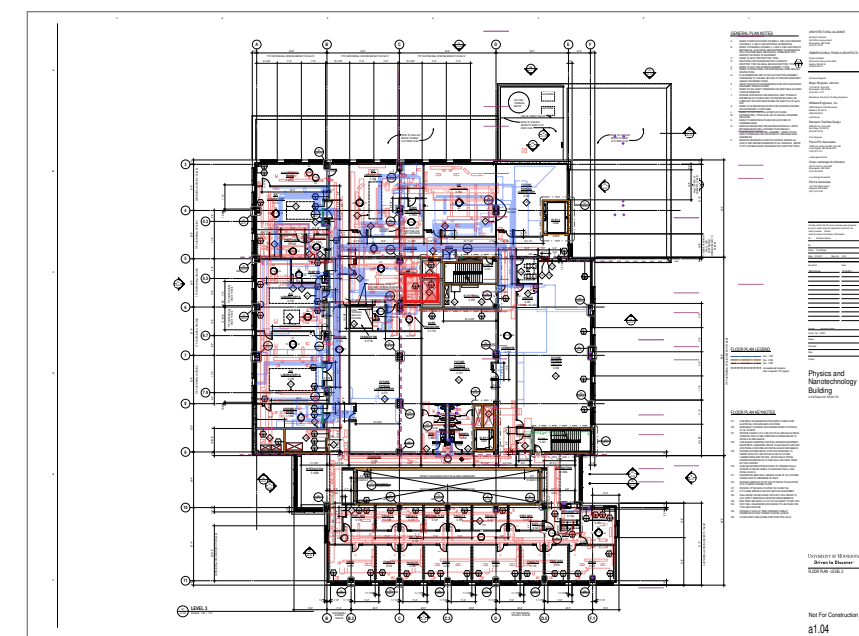
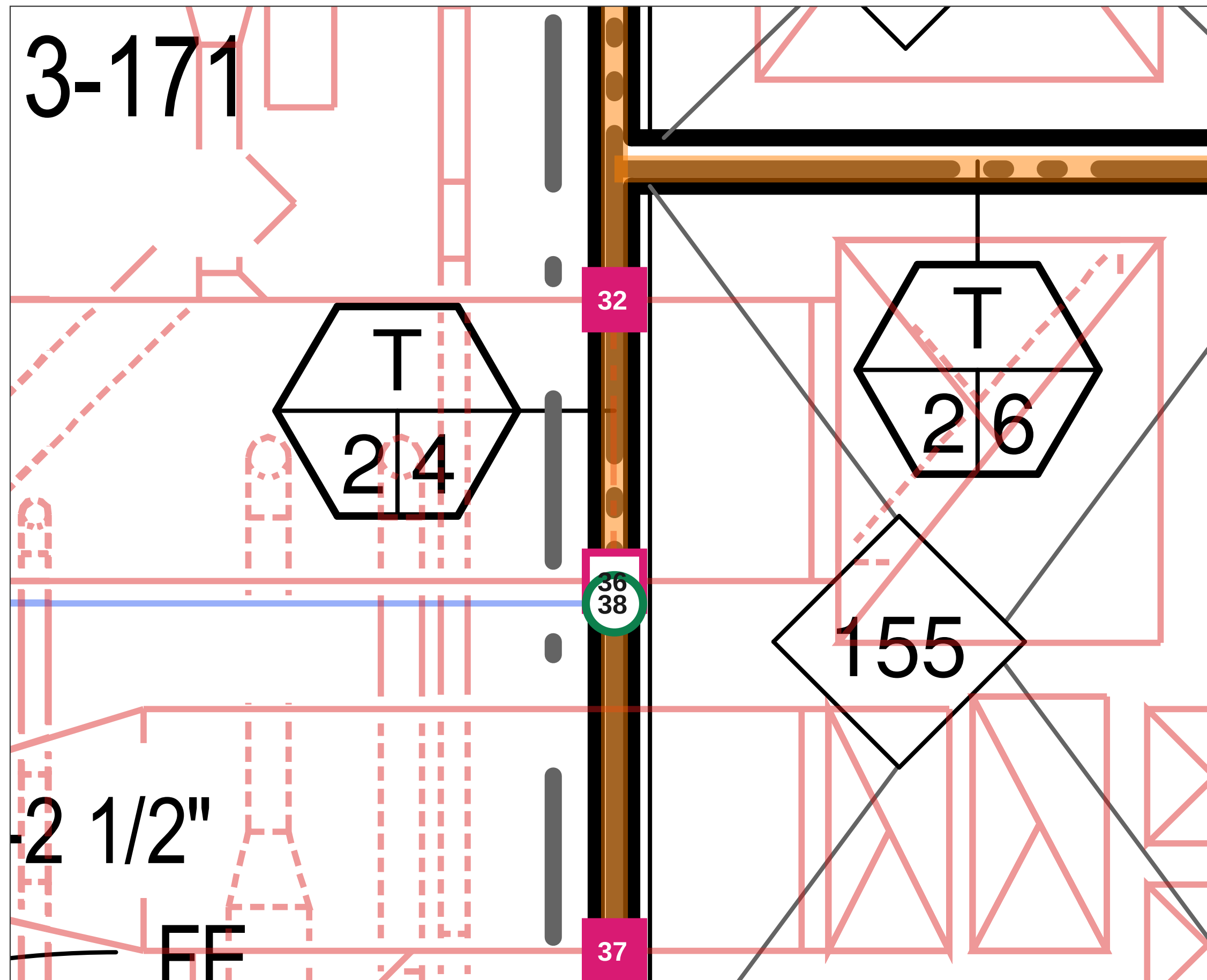
- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- Floor penetration - confirmed on drawings
- Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

Enlarged 6.3x from a1.04. 2 pins. Pins sit on the crossing point. Filled = confirmed on drawings by two independent passes (not field-verified); hollow = check in field.



#	Grid	Through	Type	Required
30	C / 5	2 HR floor	Pipe (4)	F, T >= 2 hr
31	C / 5	2 HR floor	Pipe (4)	F, T >= 2 hr

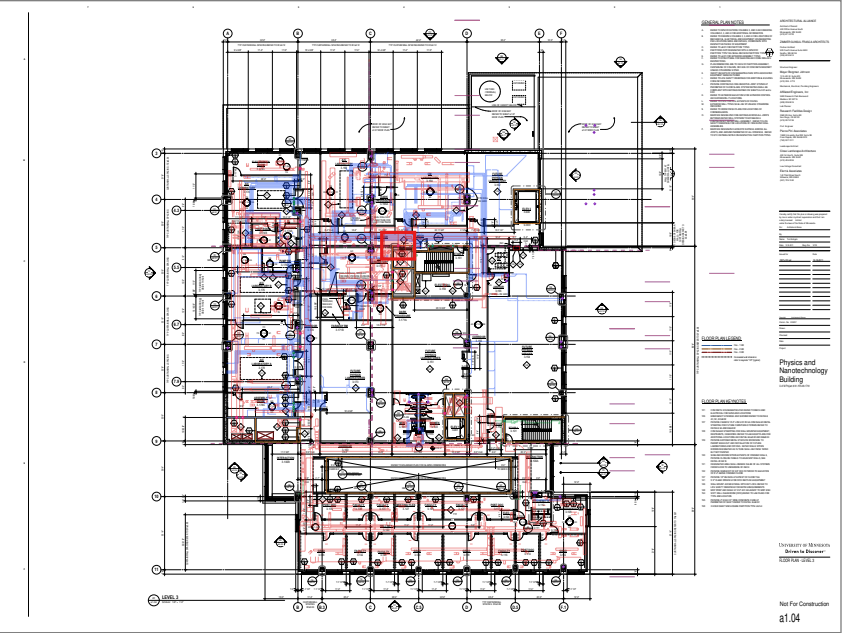
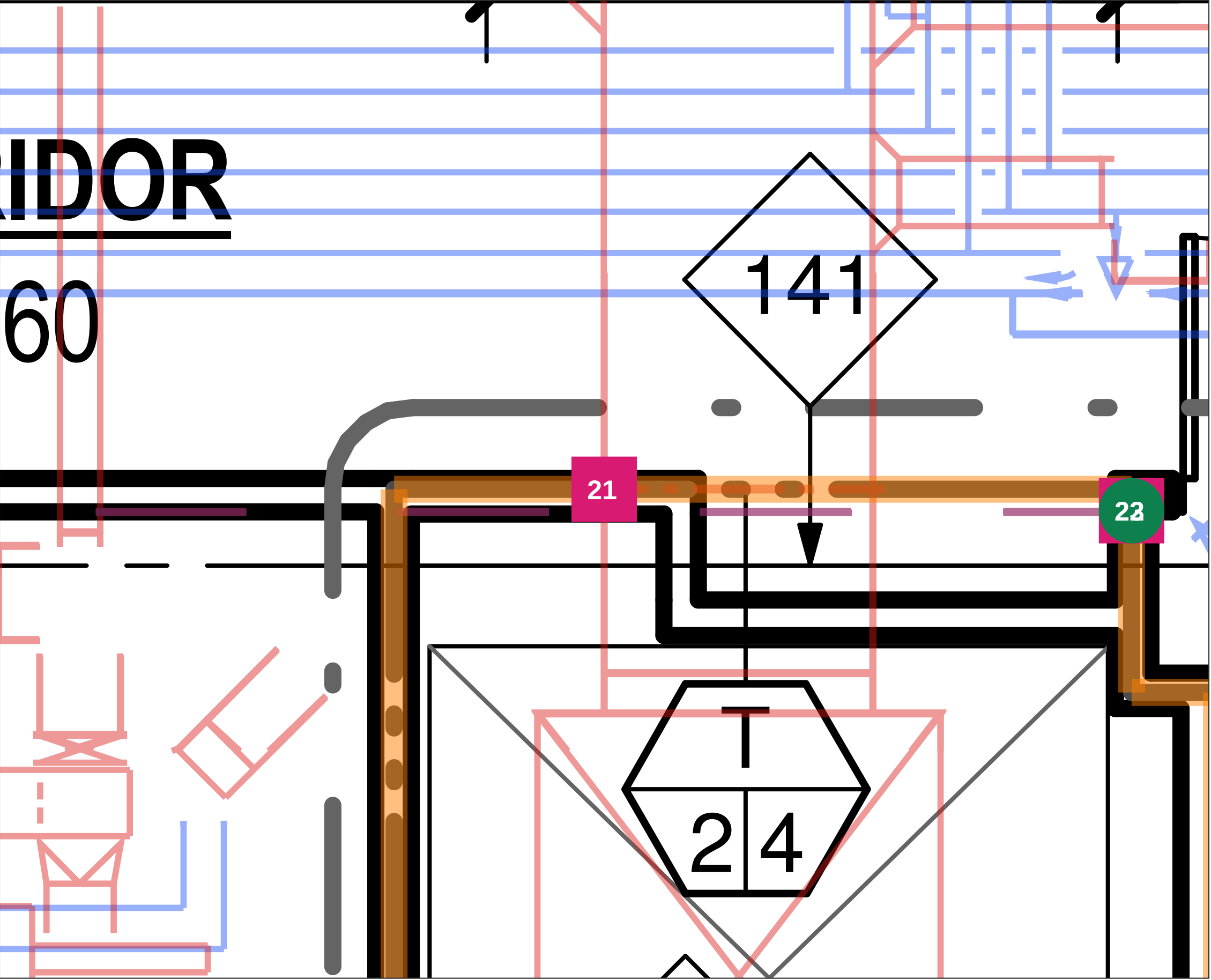
- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)



#	Grid	Through	Type	Required
 32	C / 5.5	2 HR barrier	Duct	FD/FSD, 2 hr
 36	C / 5.5	2 HR barrier	Duct	FD/FSD, 2 hr
 37	C / 6	2 HR barrier	Duct	FD/FSD, 2 hr
 38	C / 5.5	2 HR wall	Pipe	F >= 2 hr

-  Wall penetration - confirmed on drawings
-  Wall penetration - check in field
-  Floor penetration - confirmed on drawings
-  Floor penetration - check in field
-  Duct with fire/smoke damper (opening protective)
-  1 HR rated wall
-  2 HR rated wall / shaft / stair
-  3 HR rated shaft
-  Piping (faint)
-  Ductwork (faint)

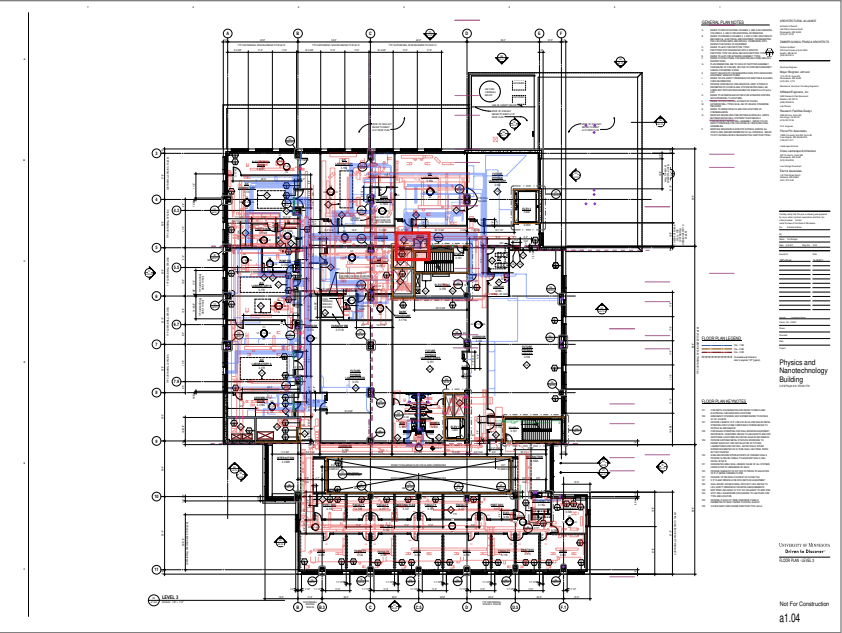
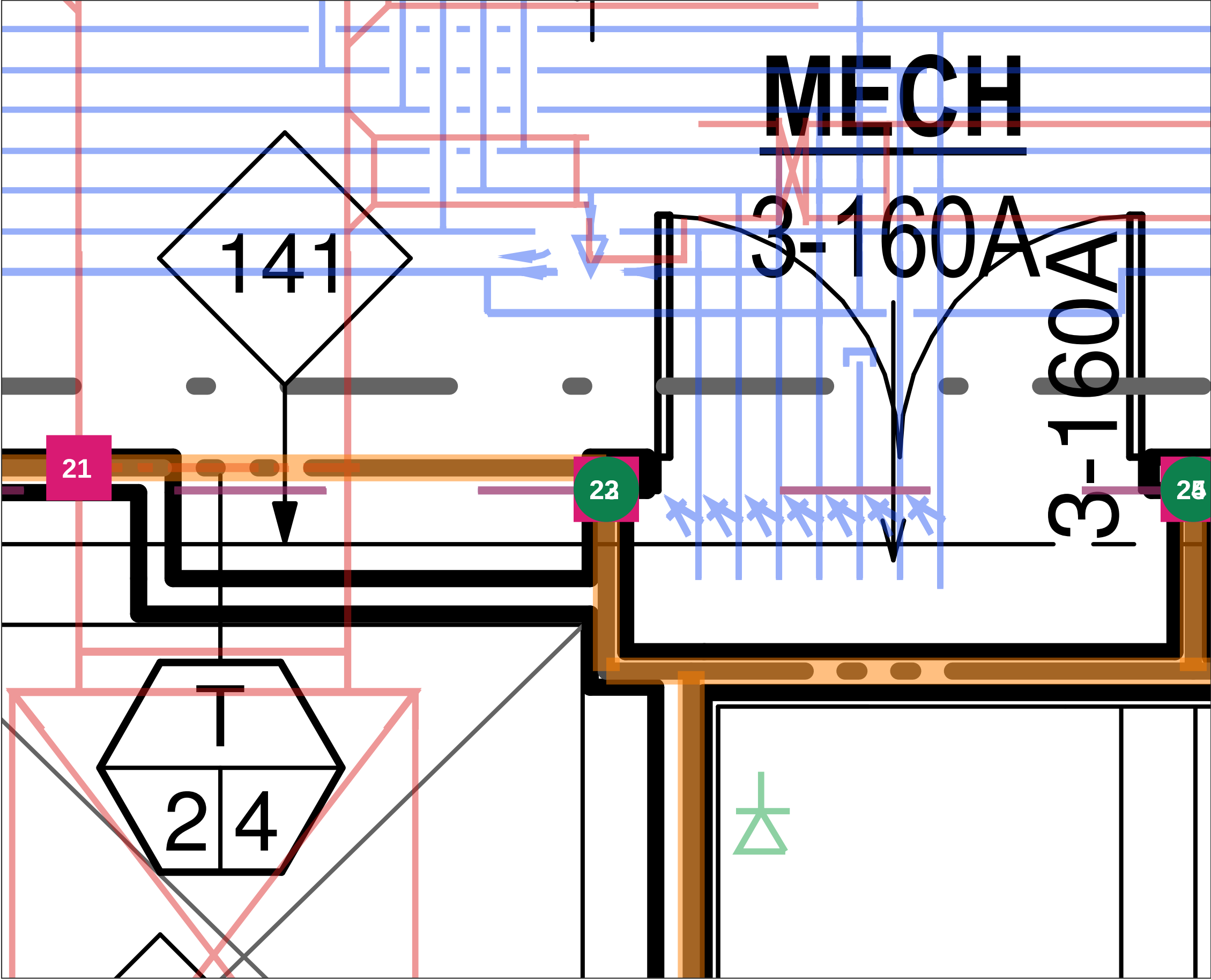
Enlarged 6.3x from a1.04. 3 pins. Pins sit on the crossing point. Filled = confirmed on drawings by two independent passes (not field-verified); hollow = check in field.



#	Grid	Through	Type	Required
21	C.5 / 5	2 HR barrier	Duct	FD/FSD, 2 hr
22	C.5 / 5	2 HR barrier	Multiple (2)	FD/FSD, 2 hr
23	C.5 / 5	2 HR wall	Multiple (2)	F >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

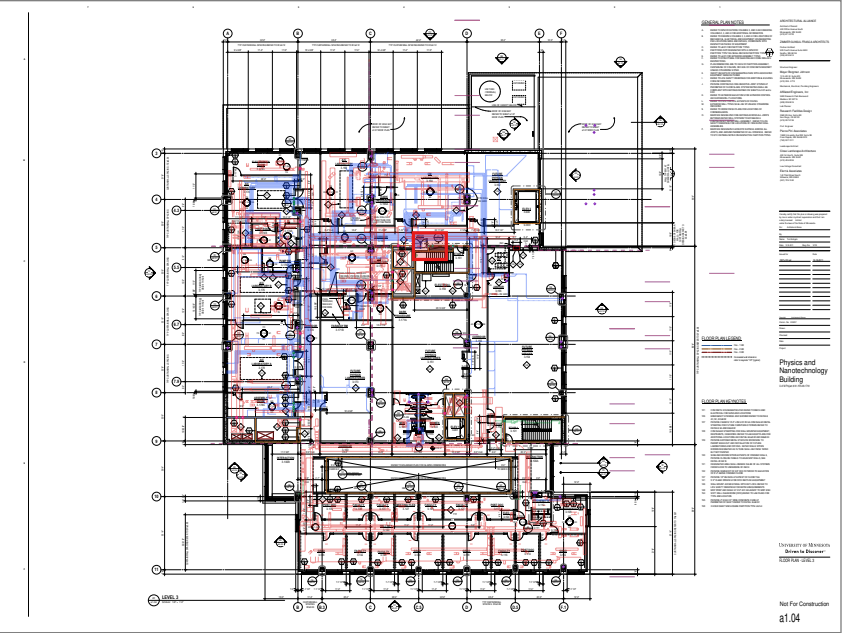
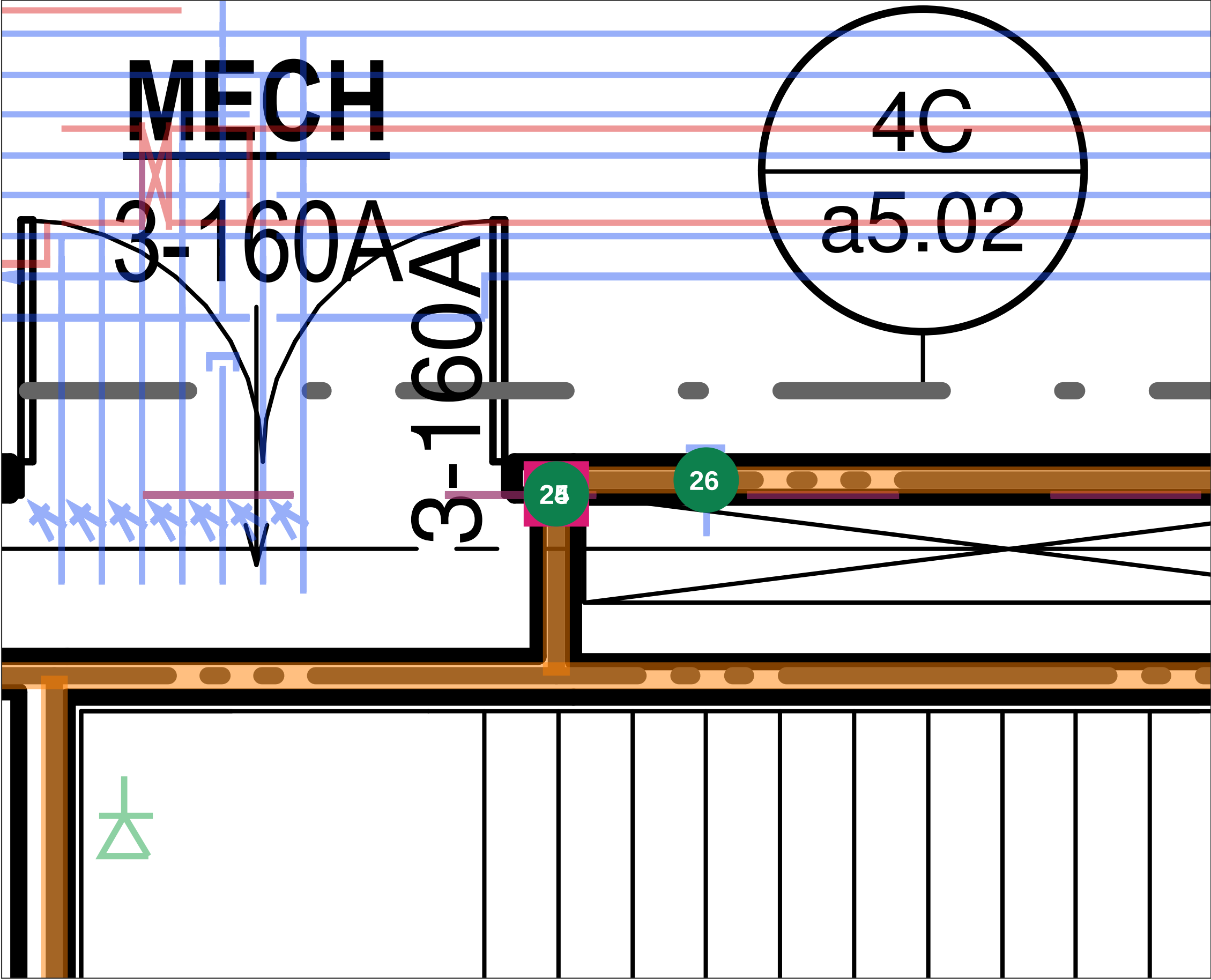
Enlarged 6.3x from a1.04. 5 pins. Pins sit on the crossing point. Filled = confirmed on drawings by two independent passes (not field-verified); hollow = check in field.



#	Grid	Through	Type	Required
21	C.5 / 5	2 HR barrier	Duct	FD/FSD, 2 hr
22	C.5 / 5	2 HR barrier	Multiple (2)	FD/FSD, 2 hr
23	C.5 / 5	2 HR wall	Multiple (2)	F >= 2 hr
24	C.5 / 5	2 HR barrier	Duct	FD/FSD, 2 hr
25	C.5 / 5	2 HR wall	Multiple (2)	F >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

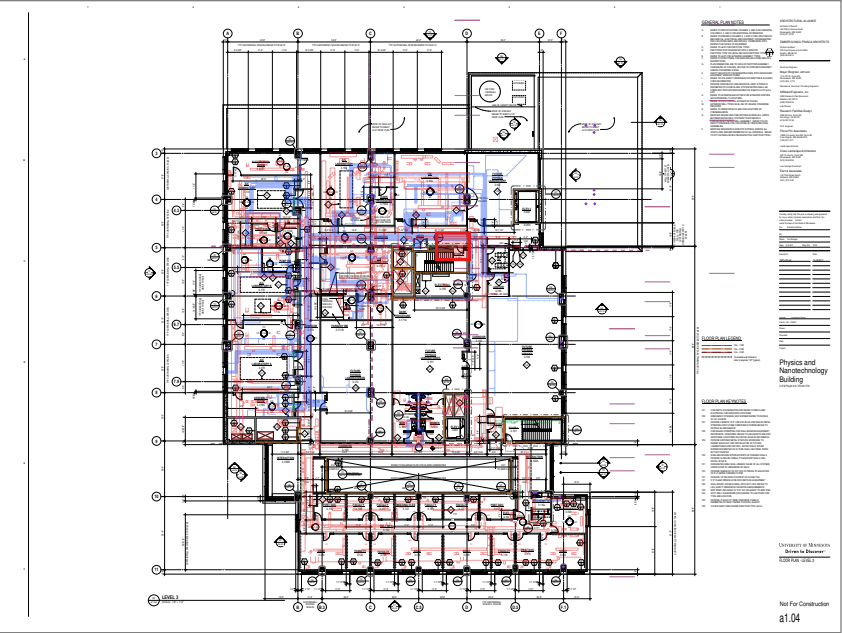
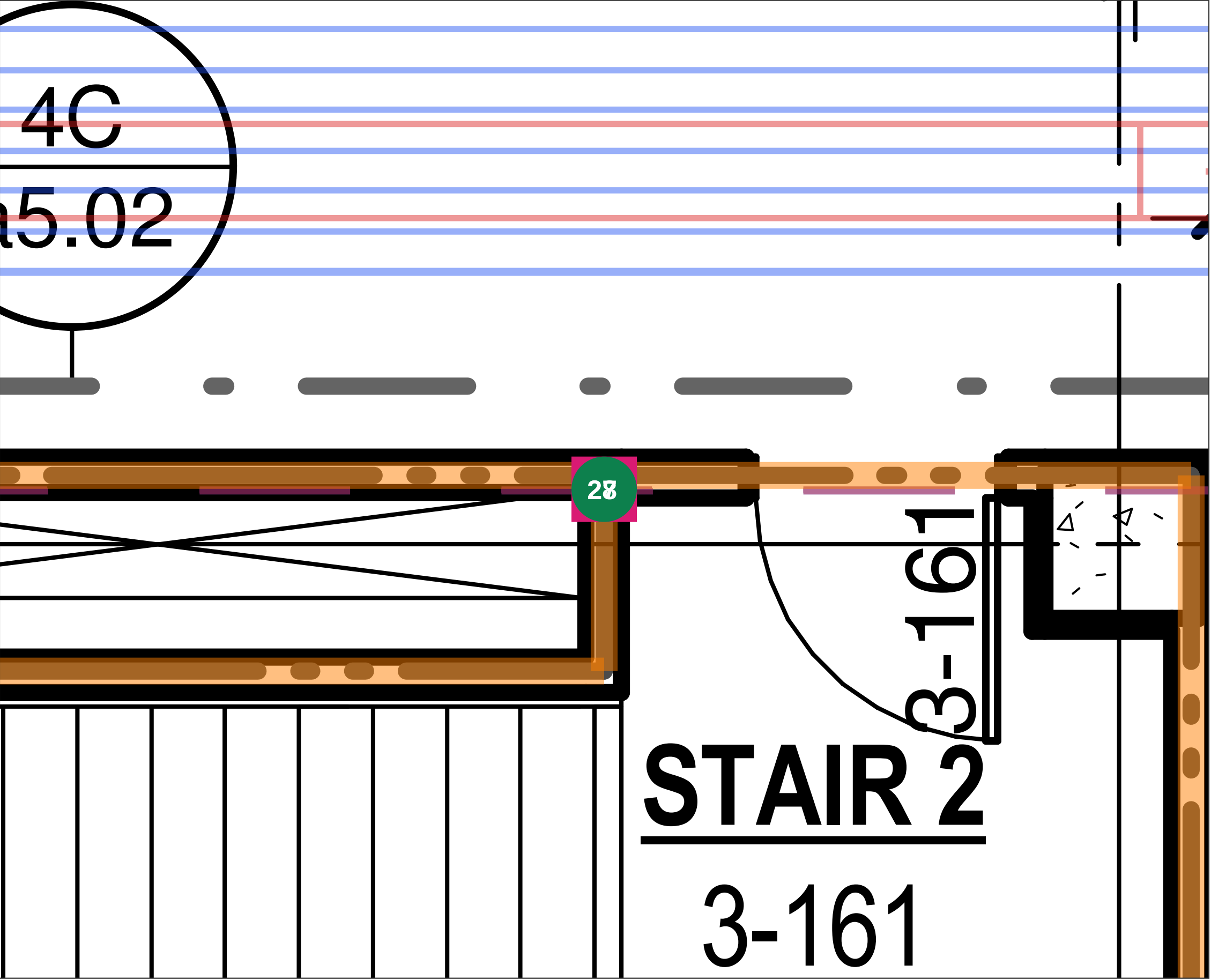
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#	Grid	Through	Type	Required
24	C.5 / 5	2 HR barrier	Duct	FD/FSD, 2 hr
25	C.5 / 5	2 HR wall	Multiple (2)	F >= 2 hr
26	C.5 / 5	2 HR wall	Multiple (2)	F >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

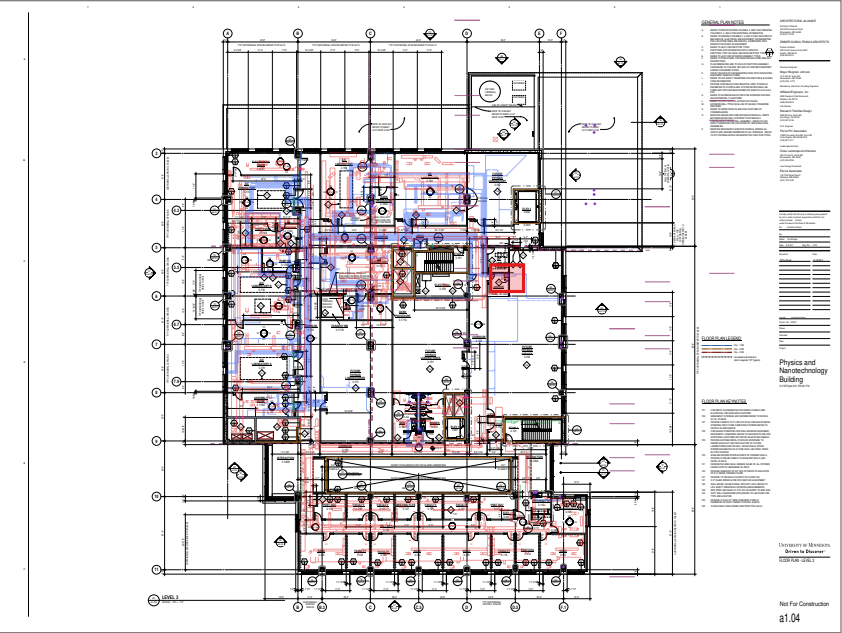
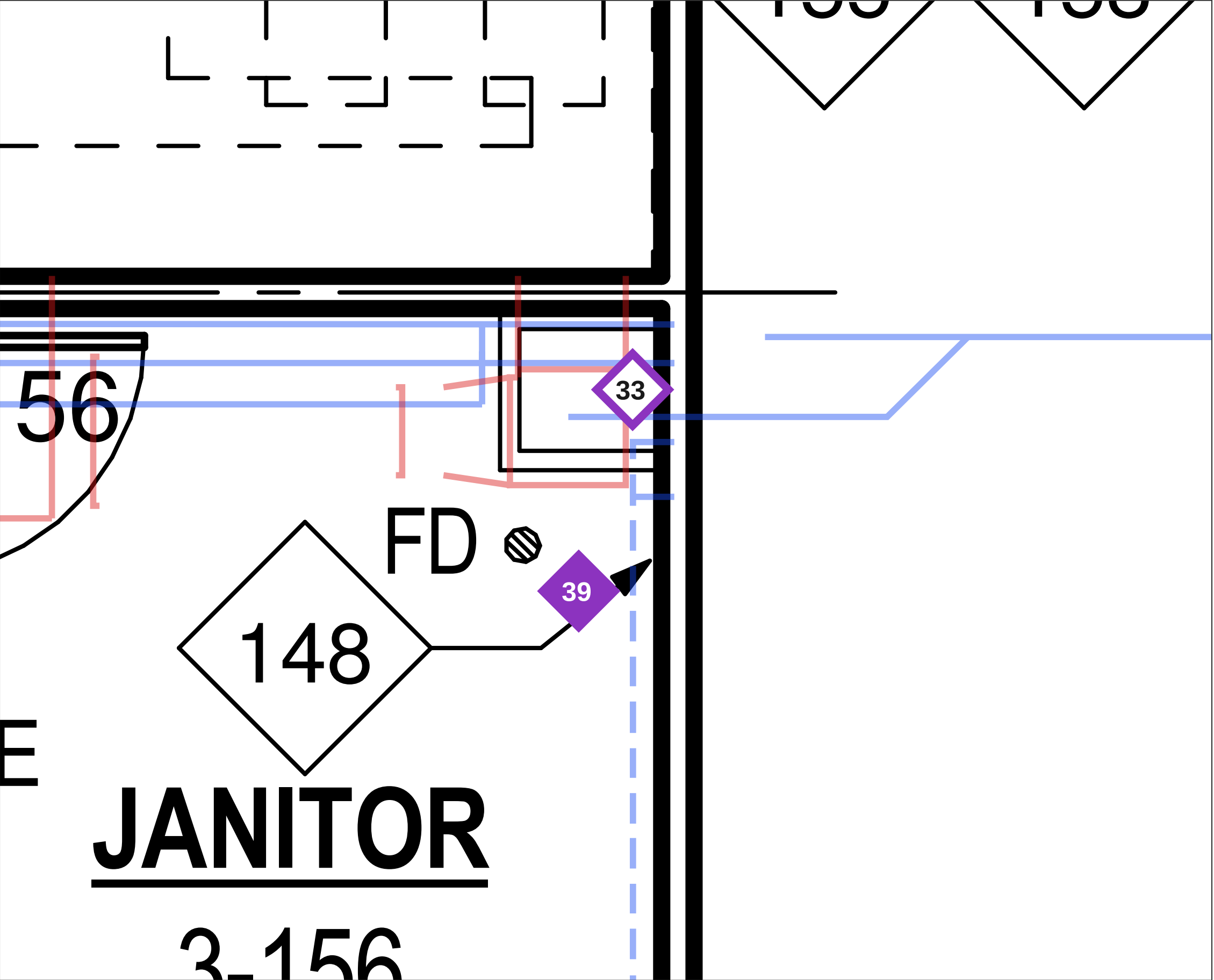
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#	Grid	Through	Type	Required
27	D / 5	2 HR barrier	Duct	FD/FSD, 2 hr
28	D / 5	2 HR wall	Multiple (2)	F >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- Floor penetration - confirmed on drawings
- Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

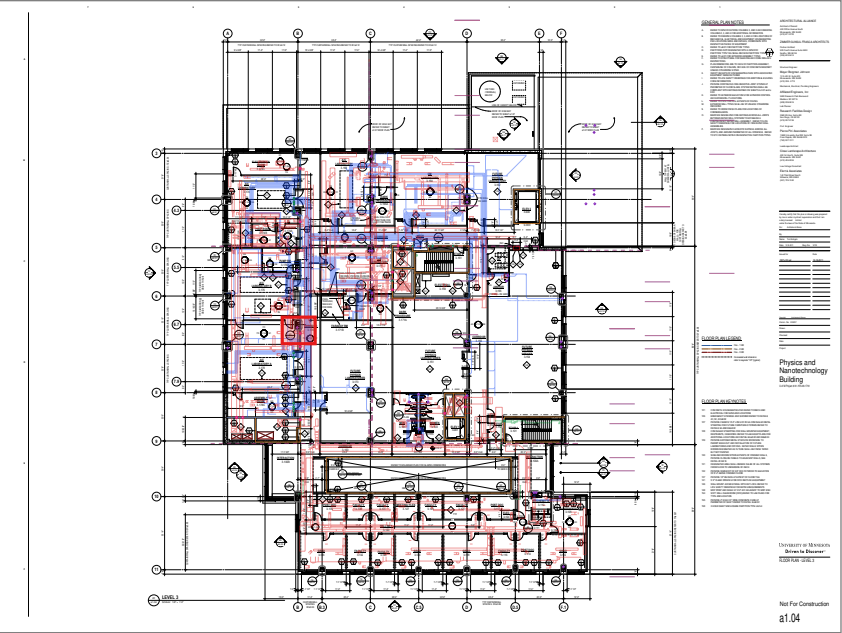
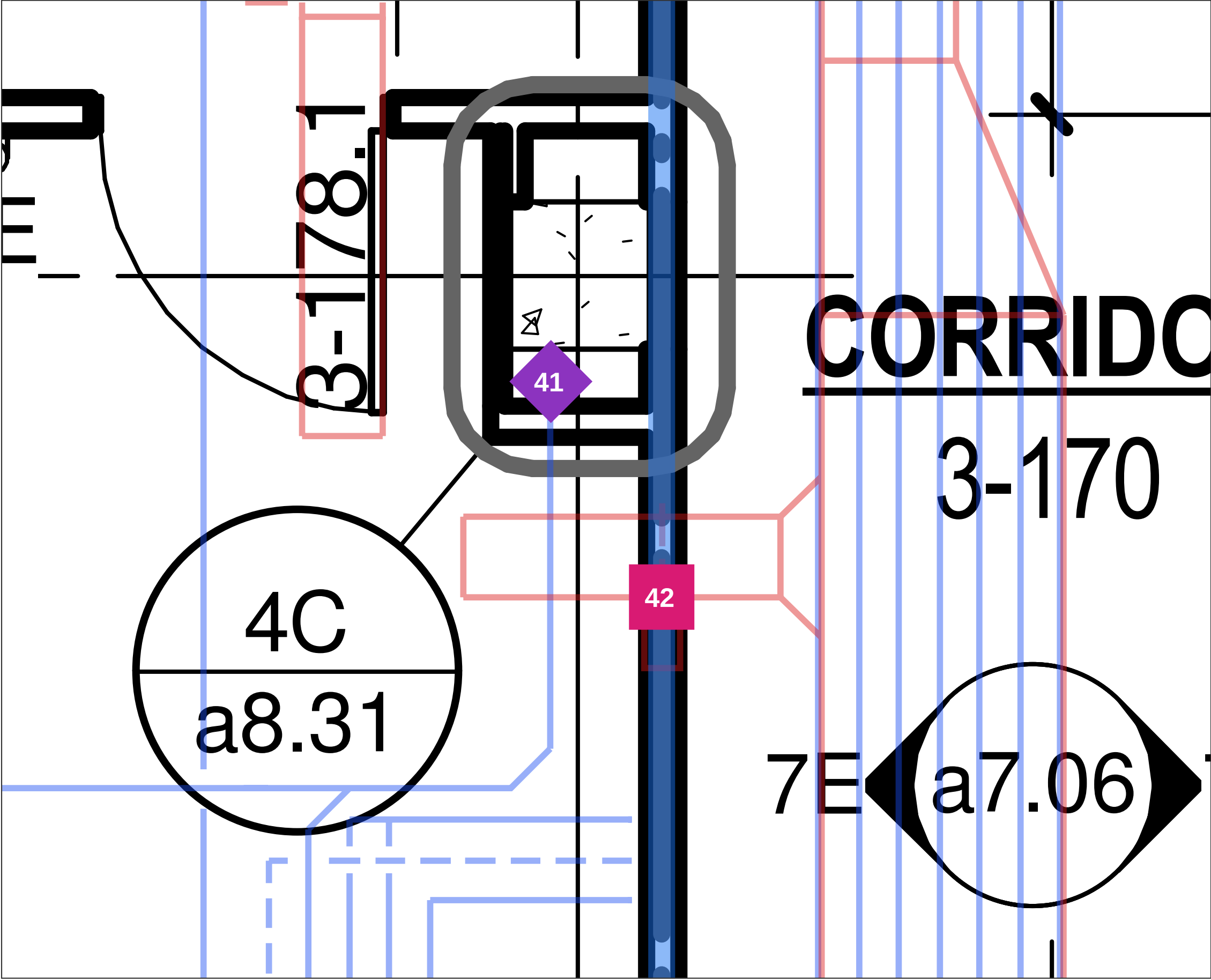
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#	Grid	Through	Type	Required
◇ 33	D.5 / 5.5	2 HR floor	Pipe	F, T >= 2 hr
◆ 39	D.5 / 5.5	2 HR floor	Pipe	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

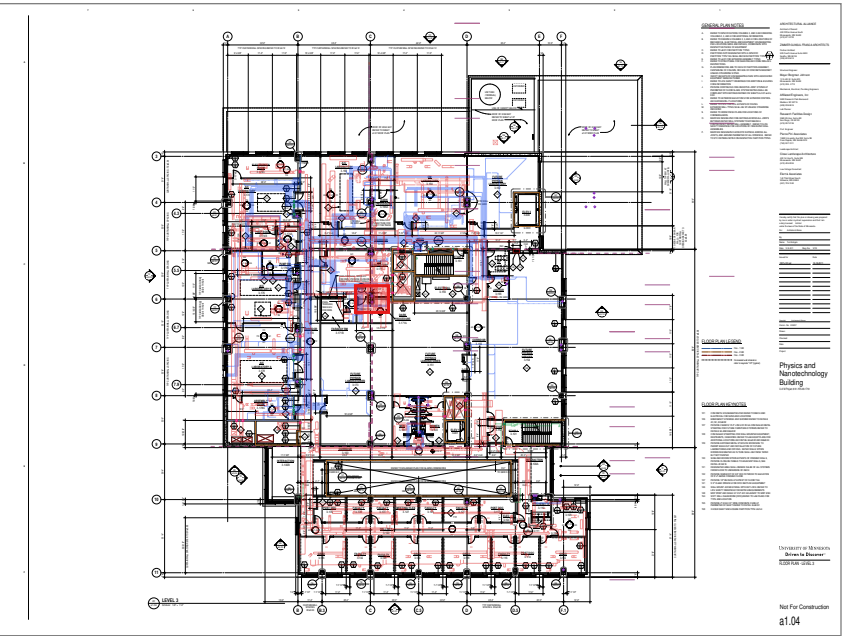
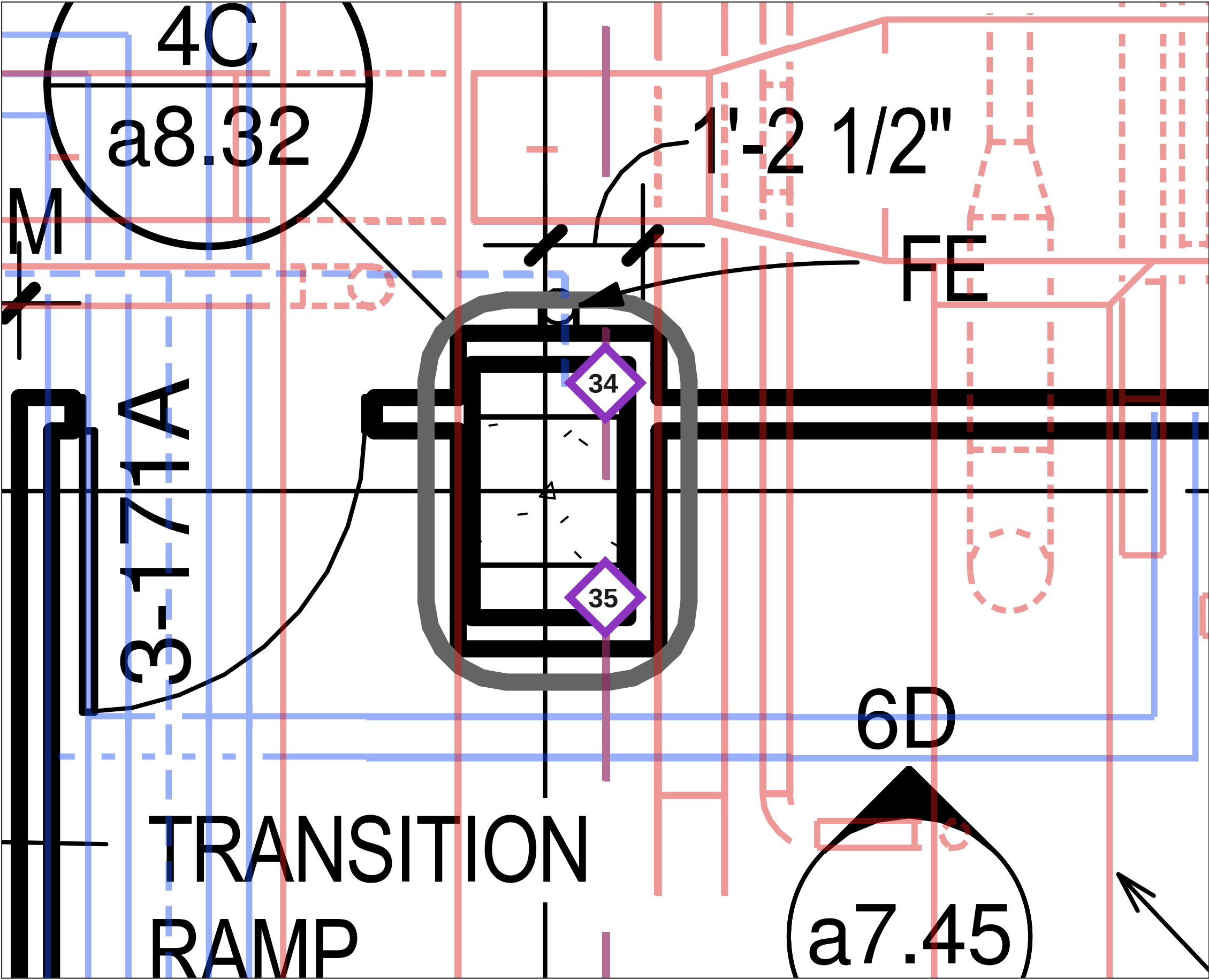
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#	Grid	Through	Type	Required
41	B / 6.7	2 HR floor	Pipe	F, T >= 2 hr
42	B / 6.7	1 HR barrier	Multiple (2)	FD/FSD, 1 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- Floor penetration - confirmed on drawings
- Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

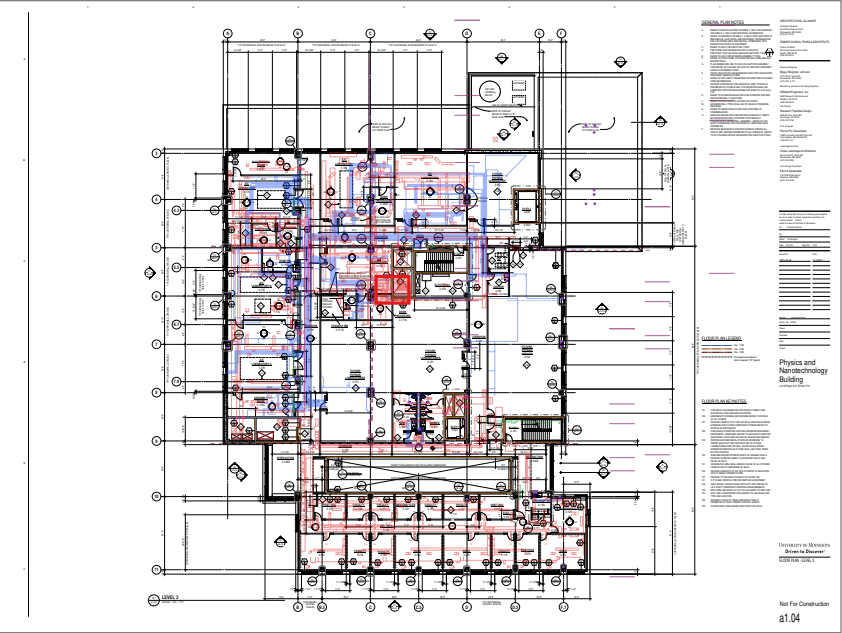
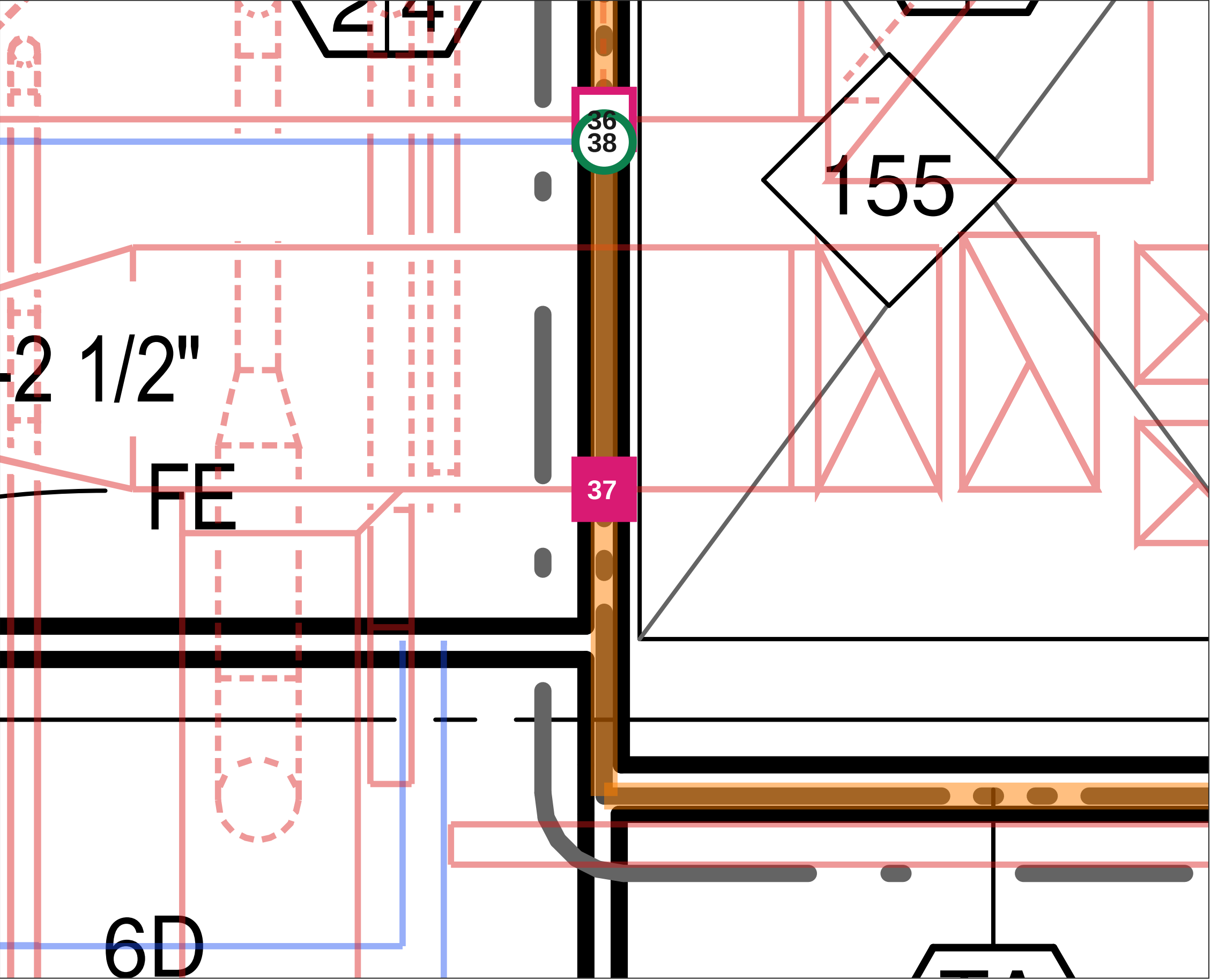
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#	Grid	Through	Type	Required
34	C / 6	2 HR floor	Pipe (2)	F, T >= 2 hr
35	C / 6	2 HR floor	Pipe (2)	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

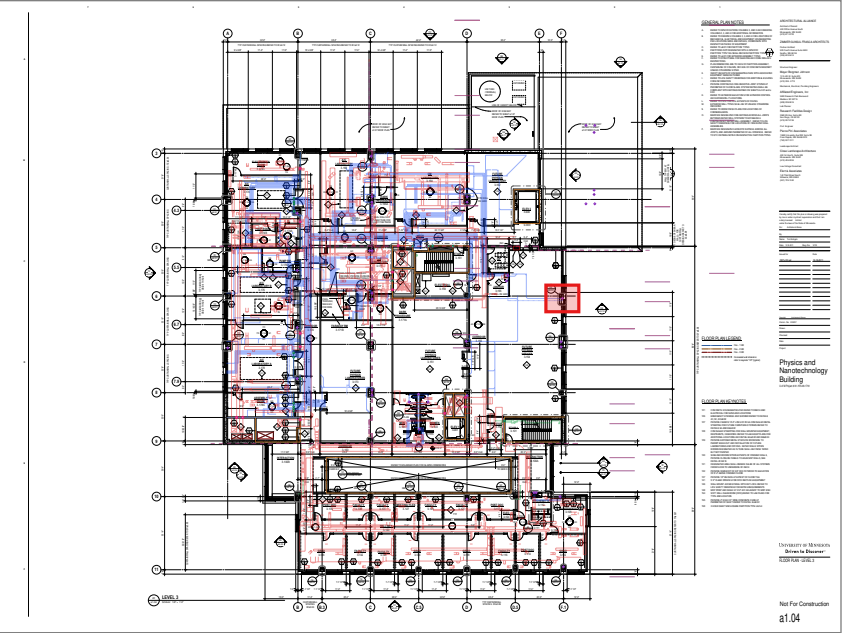
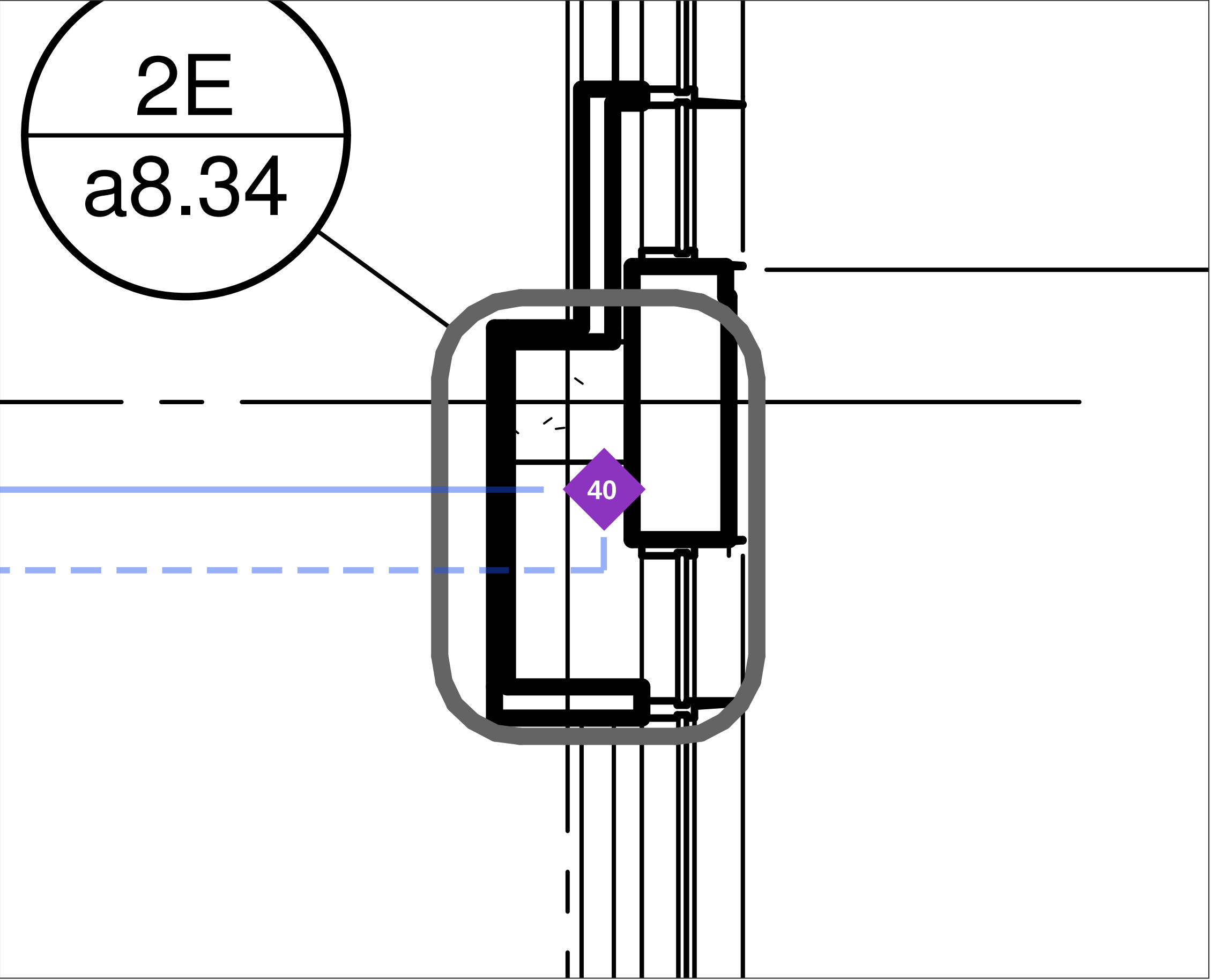
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#	Grid	Through	Type	Required
36	C / 5.5	2 HR barrier	Duct	FD/FSD, 2 hr
37	C / 6	2 HR barrier	Duct	FD/FSD, 2 hr
38	C / 5.5	2 HR wall	Pipe	F >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- Floor penetration - confirmed on drawings
- Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

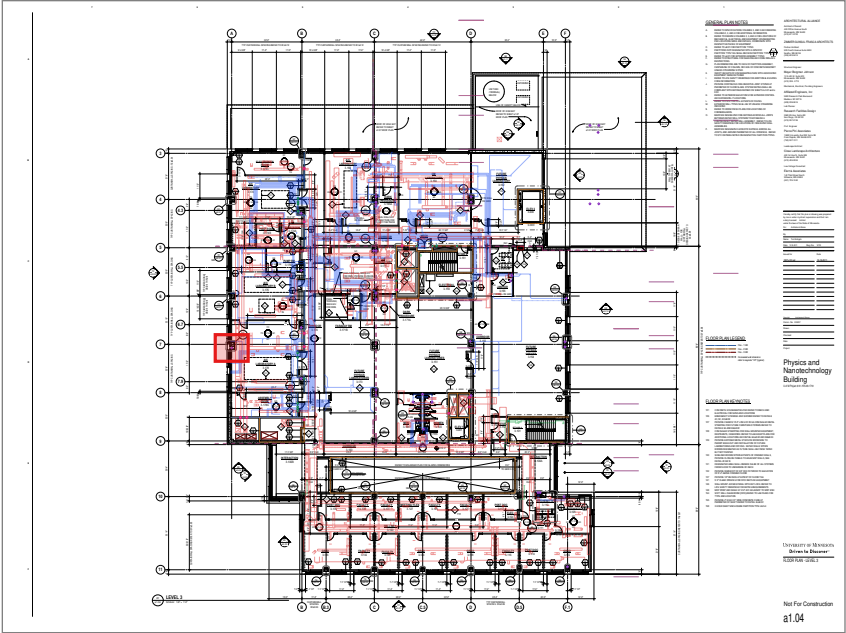
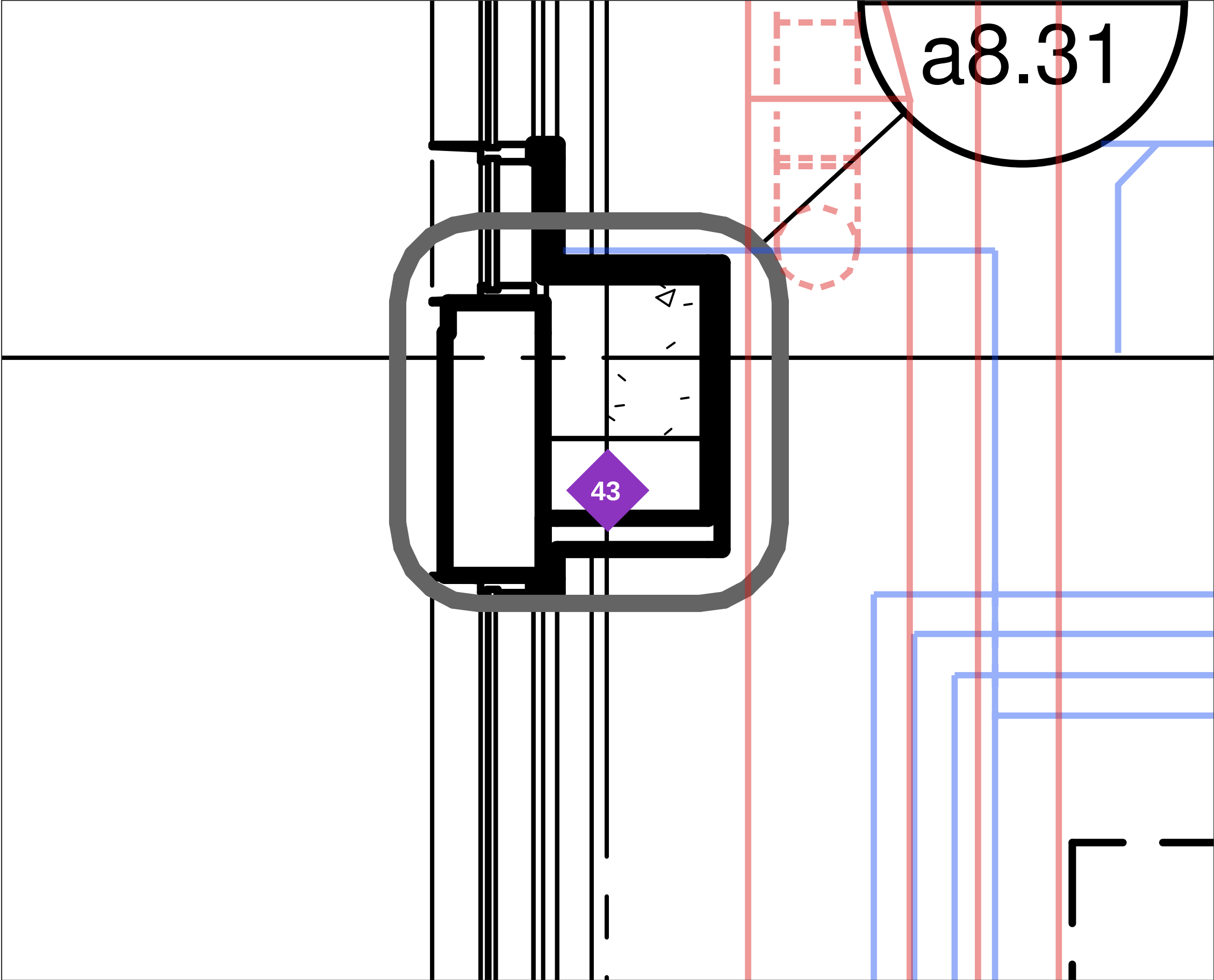
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#	Grid	Through	Type	Required
◆ 40	F / 6	2 HR floor	Pipe	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

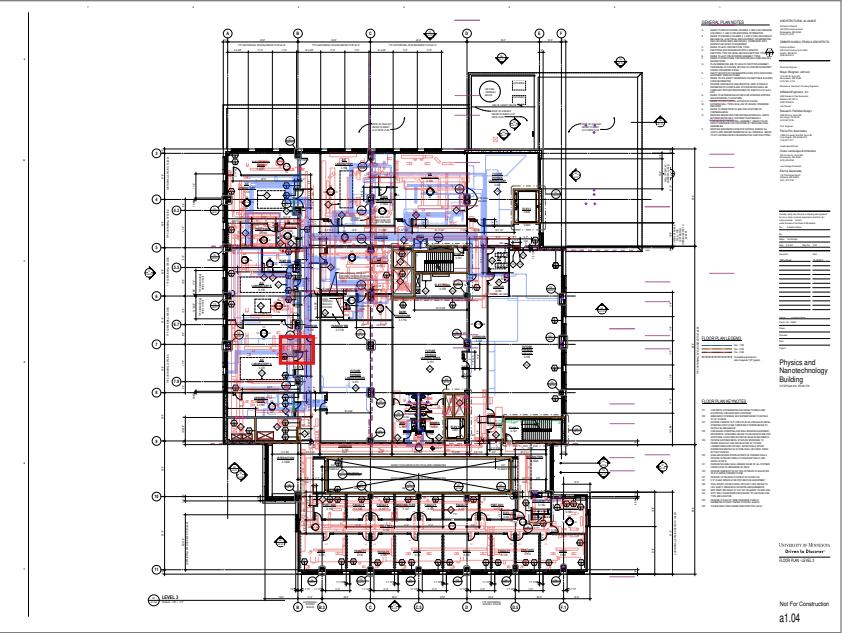
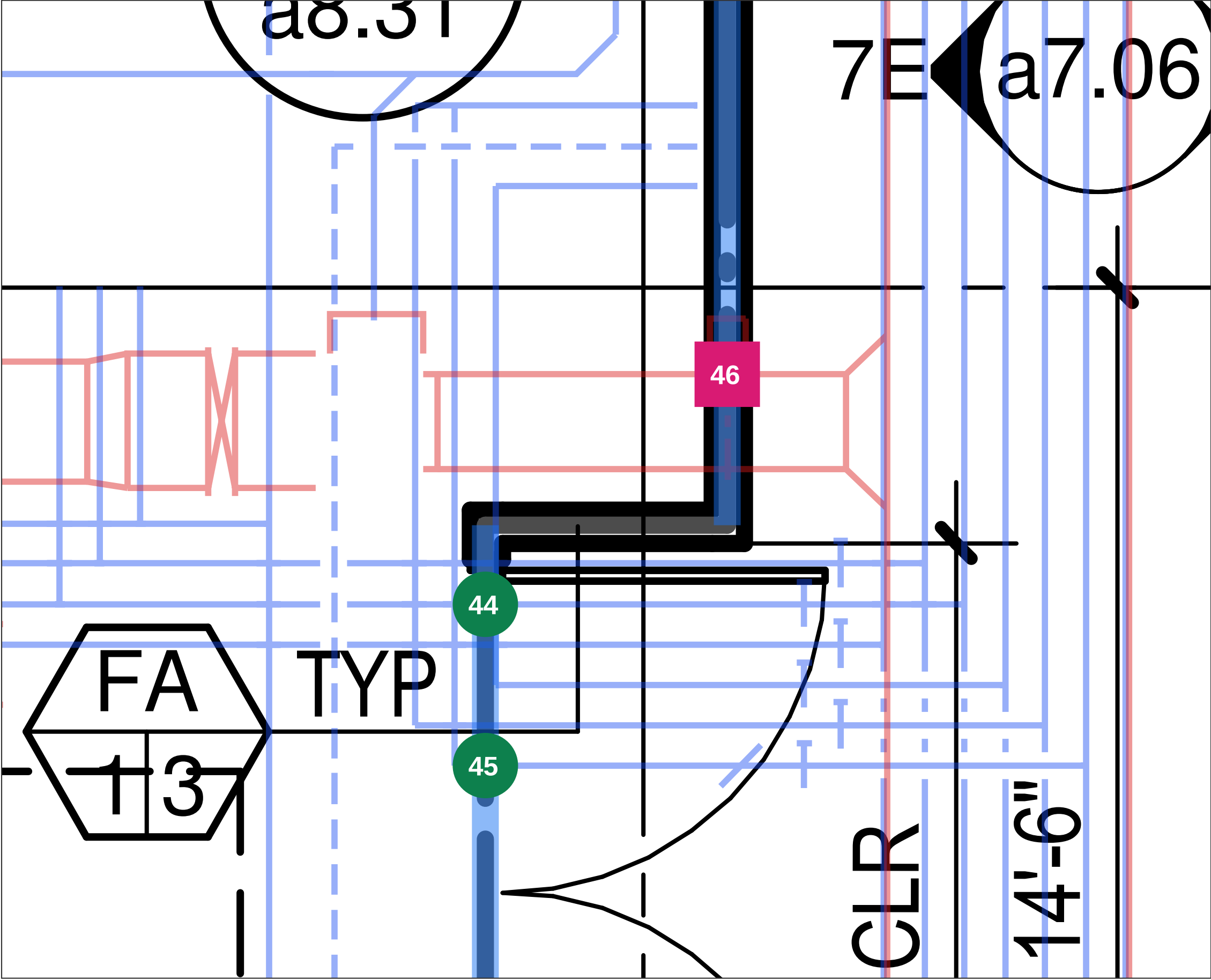
Enlarged 6.3x from a1.04. 1 pins. Pins sit on the crossing point. Filled = confirmed on drawings by two independent passes (not field-verified); hollow = check in field.



#	Grid	Through	Type	Required
◆ 43	A / 7	2 HR floor	Pipe	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

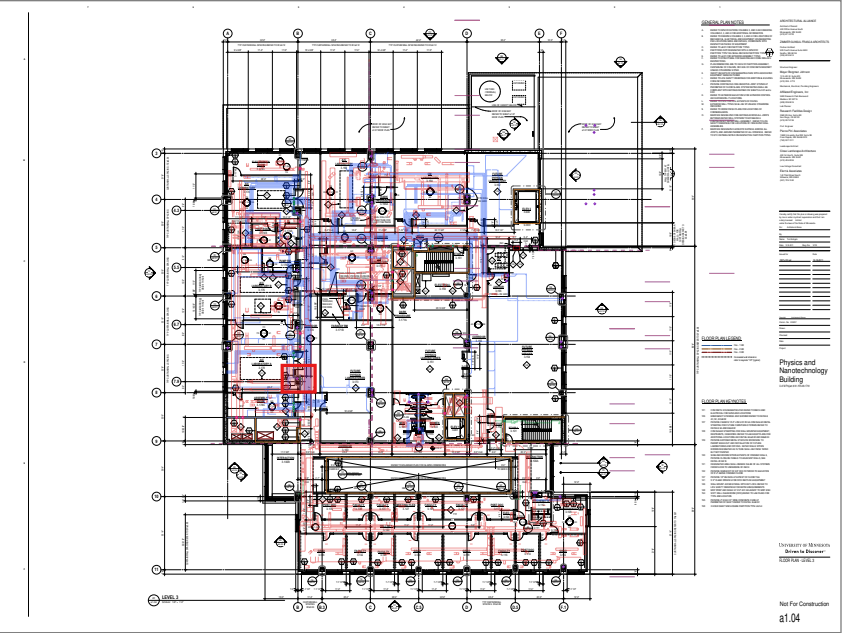
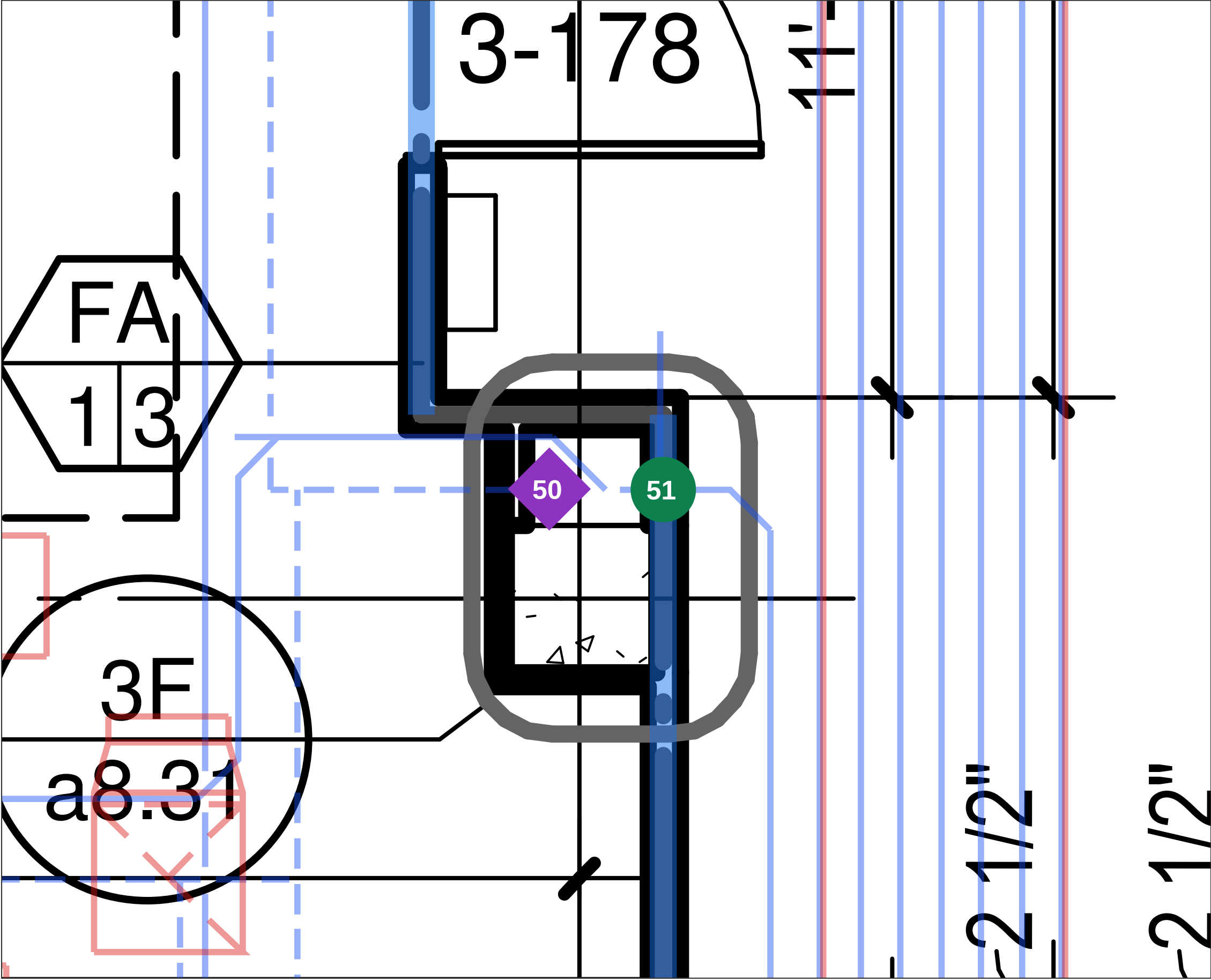
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#	Grid	Through	Type	Required
44	B / 7	1 HR wall	Multiple (6)	F >= 1 hr
45	B / 7	1 HR wall	Multiple (2)	F >= 1 hr
46	B / 7	1 HR barrier	Multiple (2)	FD/FSD, 1 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- Floor penetration - confirmed on drawings
- Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

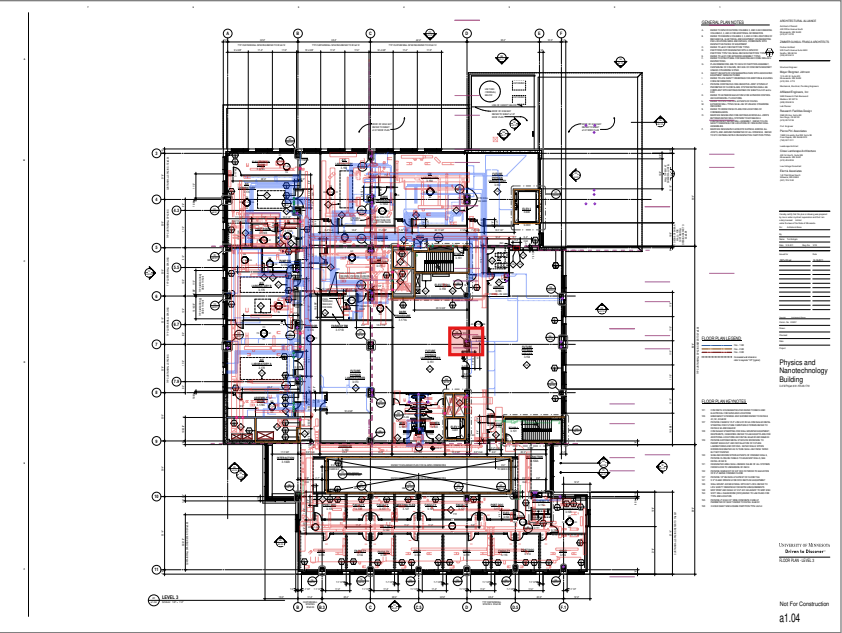
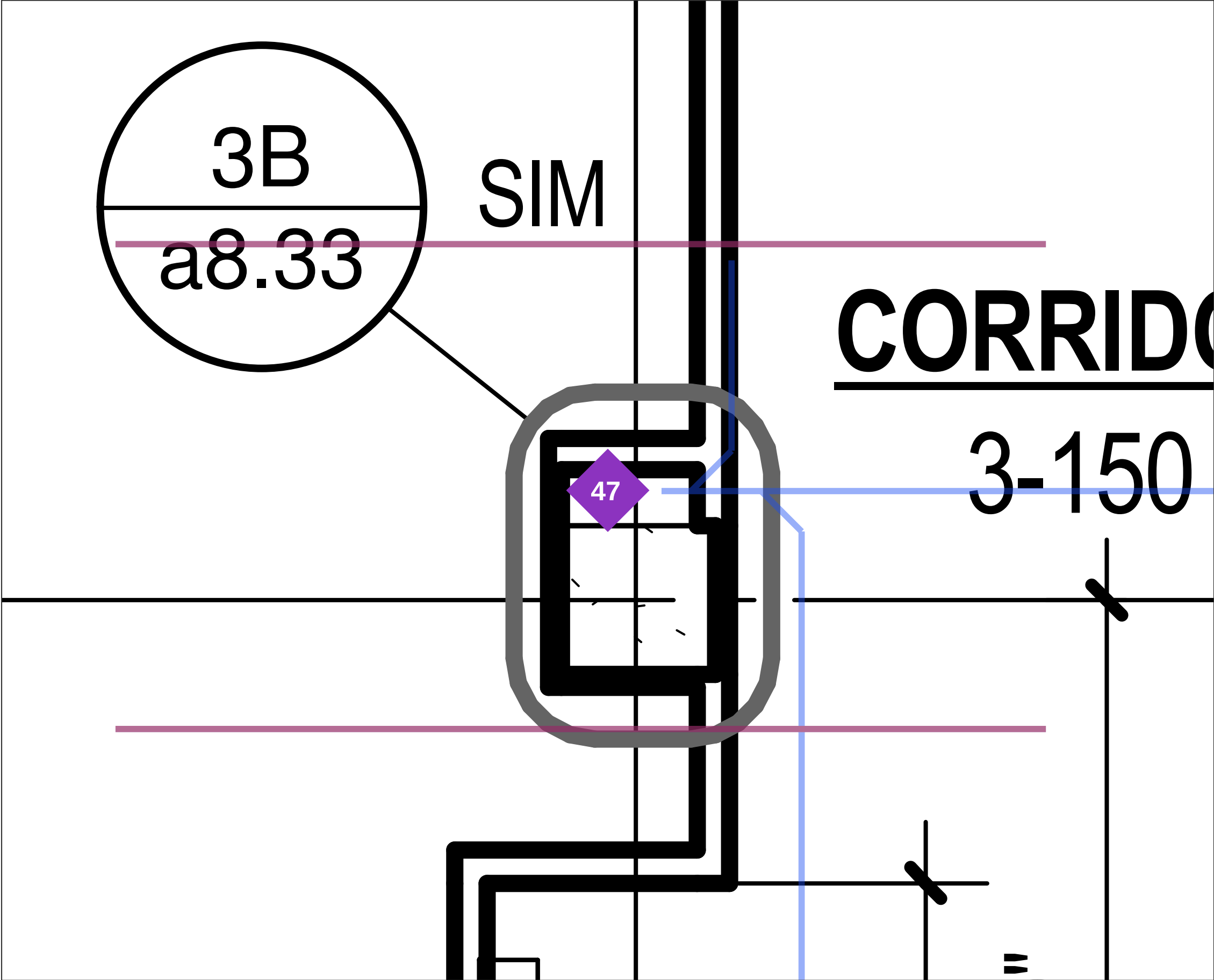
Enlarged 6.3x from a1.04. 2 pins. Pins sit on the crossing point. Filled = confirmed on drawings by two independent passes (not field-verified); hollow = check in field.



#	Grid	Through	Type	Required
50	B / 7.9	2 HR floor	Pipe	F, T >= 2 hr
51	B / 7.9	1 HR wall	Pipe	F >= 1 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- Floor penetration - confirmed on drawings
- Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

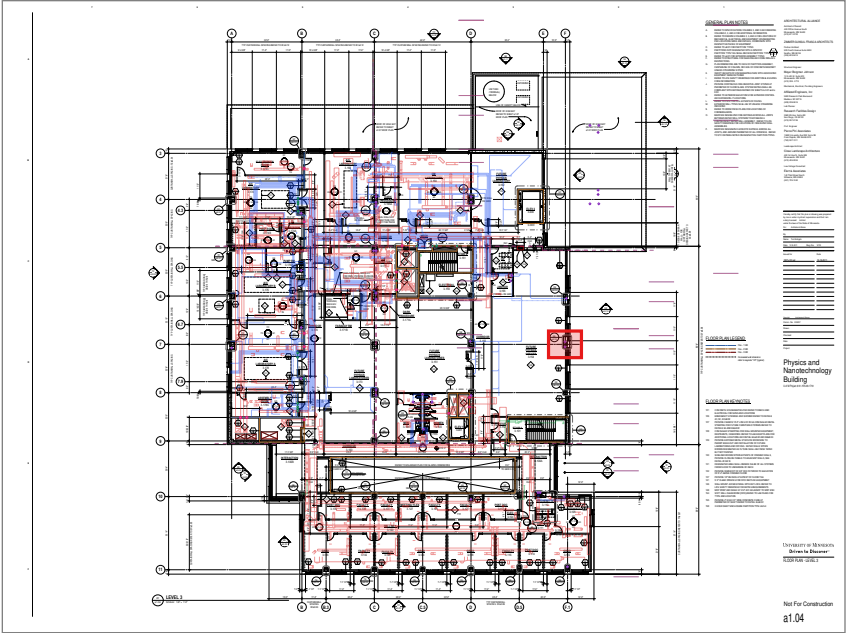
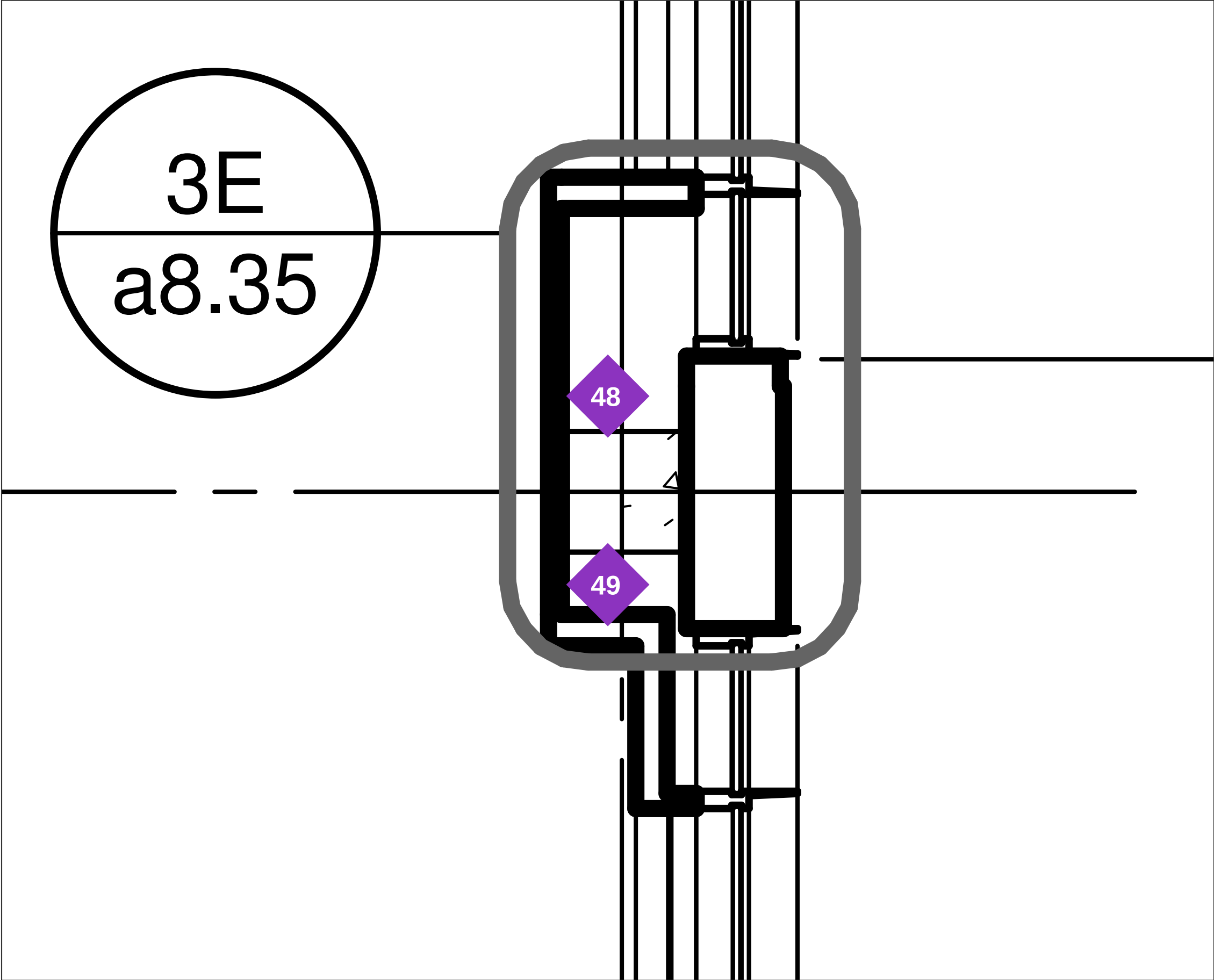
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#	Grid	Through	Type	Required
47	D / 7	2 HR floor	Pipe	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

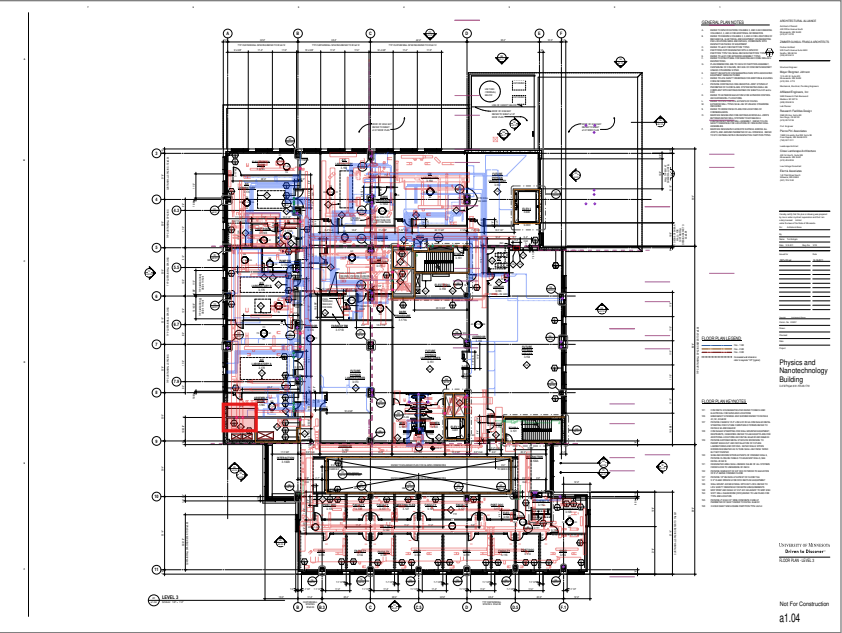
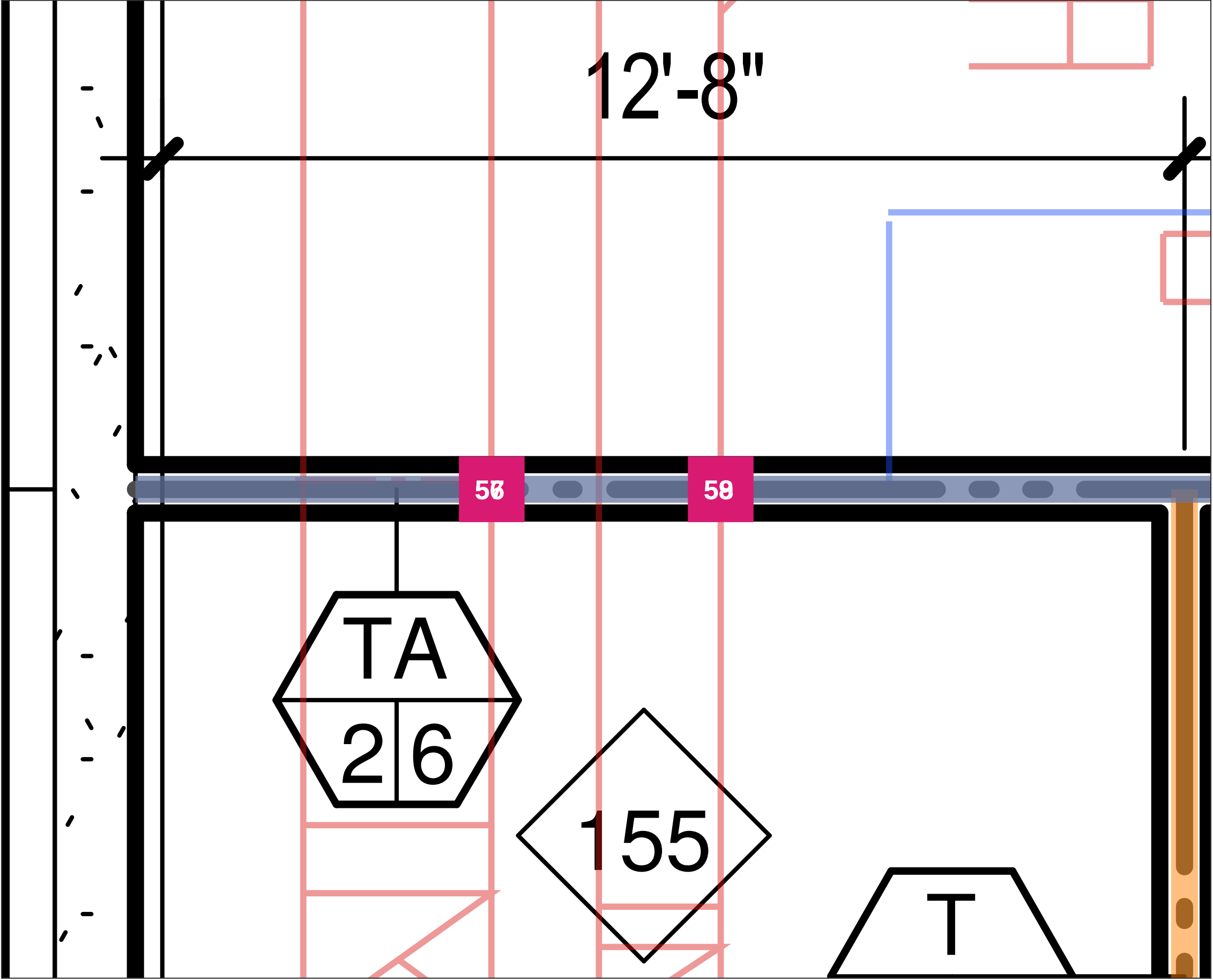
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#	Grid	Through	Type	Required
◆ 48	F / 7	2 HR floor	Pipe	F, T >= 2 hr
◆ 49	F / 7	2 HR floor	Pipe	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

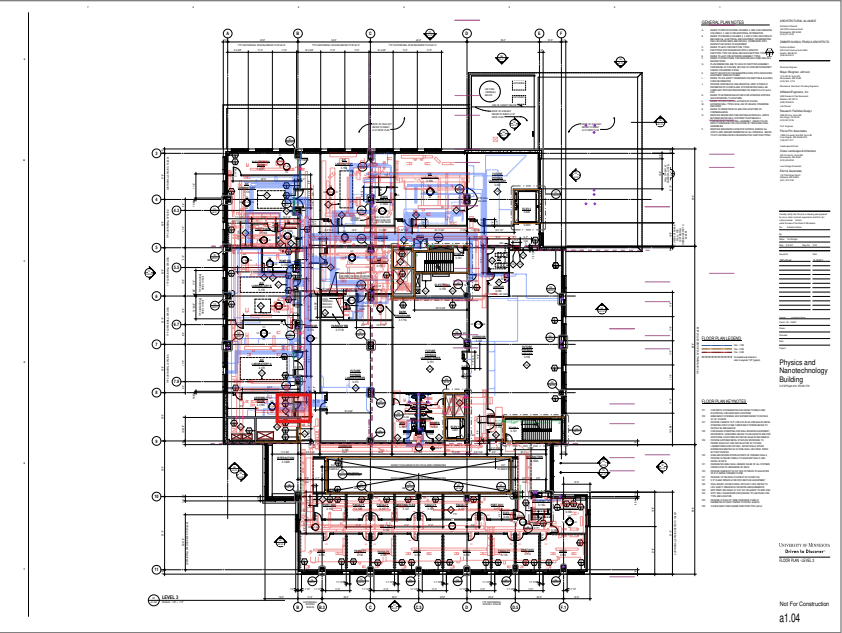
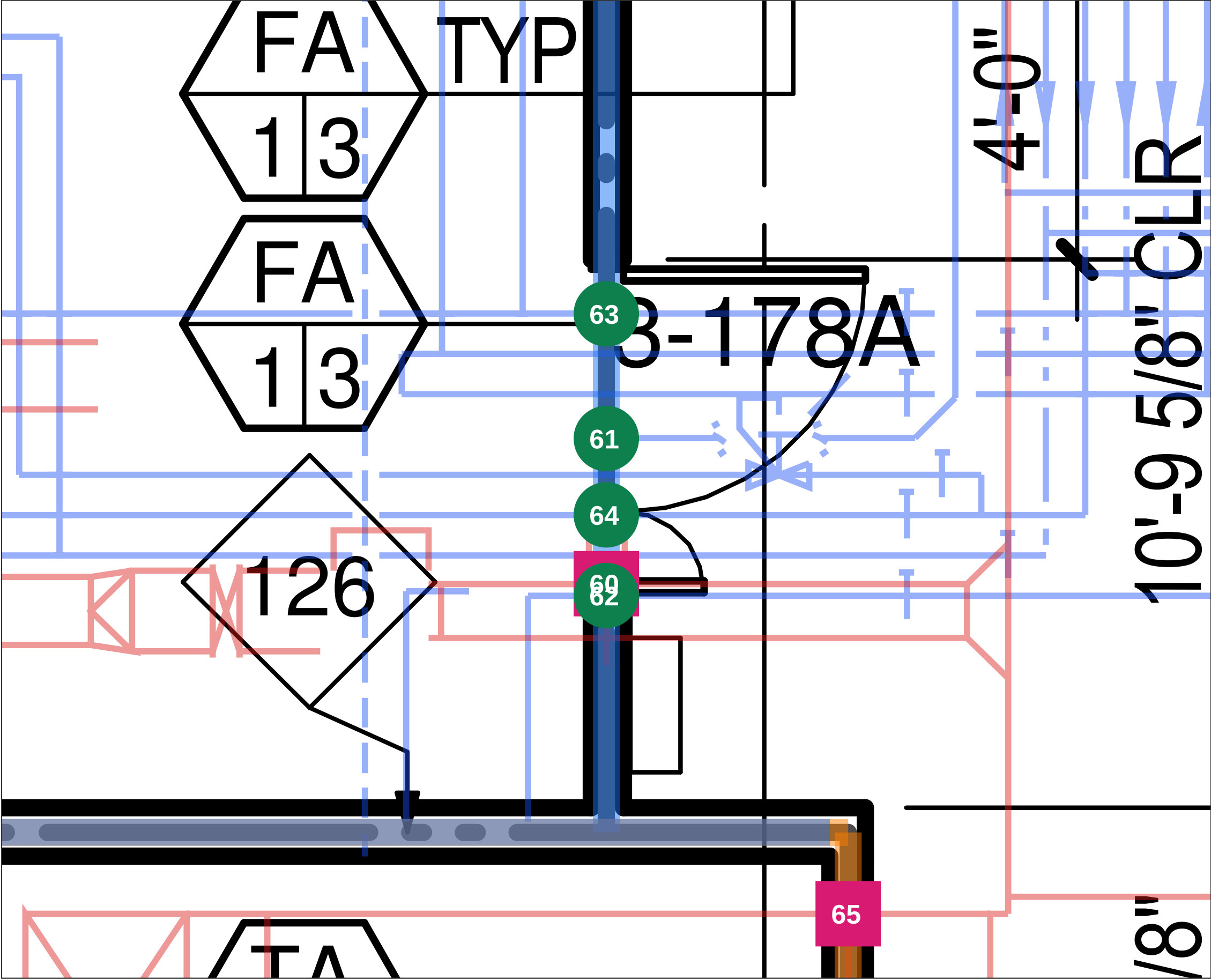
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#	Grid	Through	Type	Required
56	A / 9	2 HR barrier	Duct	FD/FSD, 2 hr
57	A / 9	1 HR barrier	Duct	FD/FSD, 1 hr
58	A / 9	2 HR barrier	Duct	FD/FSD, 2 hr
59	A / 9	1 HR barrier	Duct	FD/FSD, 1 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- Floor penetration - confirmed on drawings
- Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

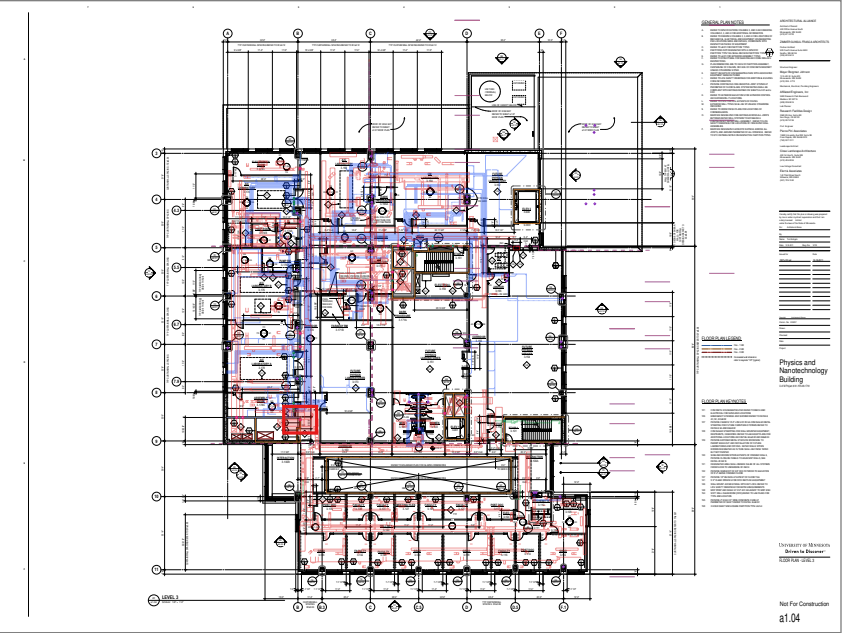
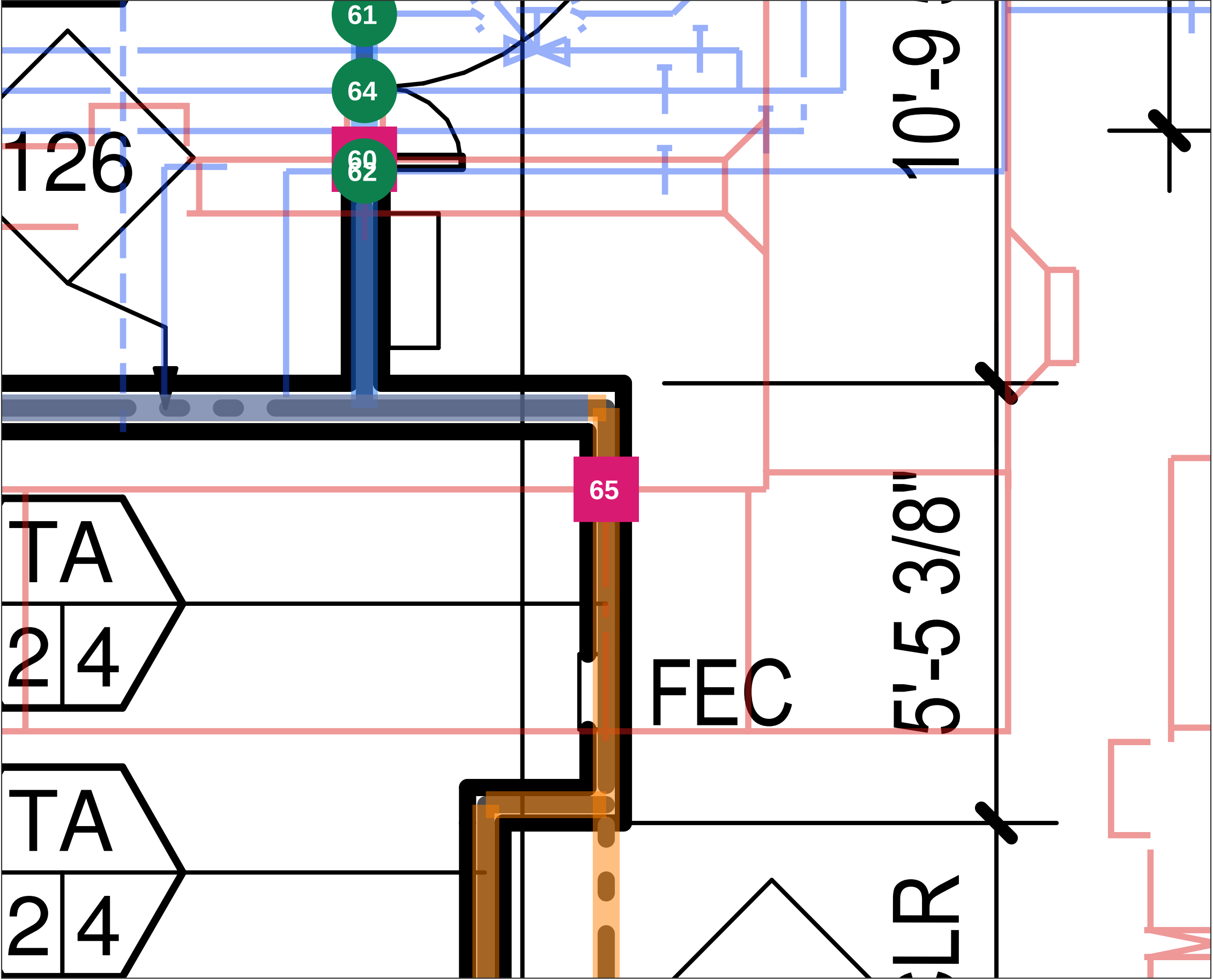
Enlarged 6.3x from a1.04. 6 pins. Pins sit on the crossing point. Filled = confirmed on drawings by two independent passes (not field-verified); hollow = check in field.



#	Grid	Through	Type	Required
60	B / 8	1 HR barrier	Multiple (2)	FD/FSD, 1 hr
61	B / 8	1 HR wall	Multiple (3)	F >= 1 hr
62	B / 8	1 HR wall	Multiple (2)	F >= 1 hr
63	B / 8	1 HR wall	Multiple (2)	F >= 1 hr
64	B / 8	1 HR wall	Pipe	F >= 1 hr
65	B / 9	2 HR barrier	Duct	FD/FSD, 2 hr

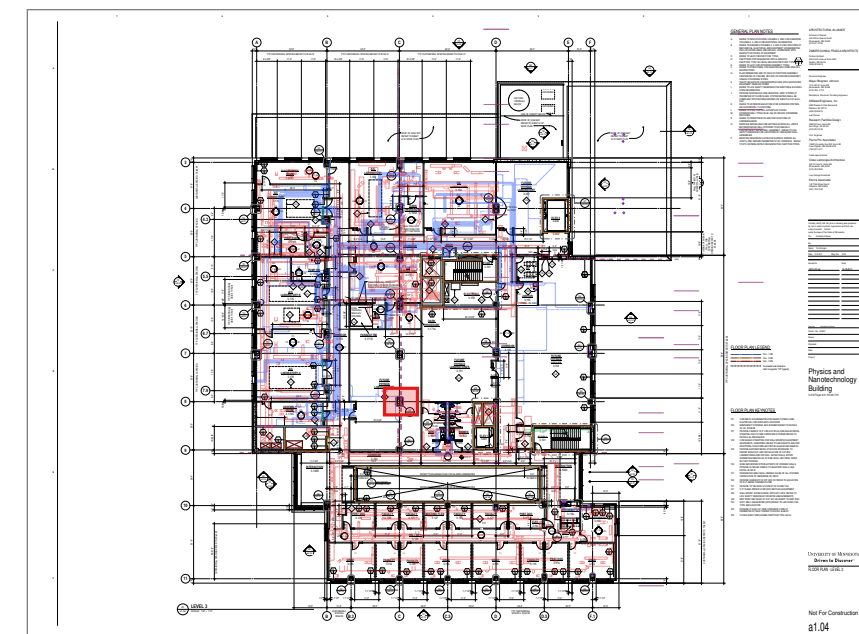
- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

Enlarged 6.3x from a1.04. 5 pins. Pins sit on the crossing point. Filled = confirmed on drawings by two independent passes (not field-verified); hollow = check in field.



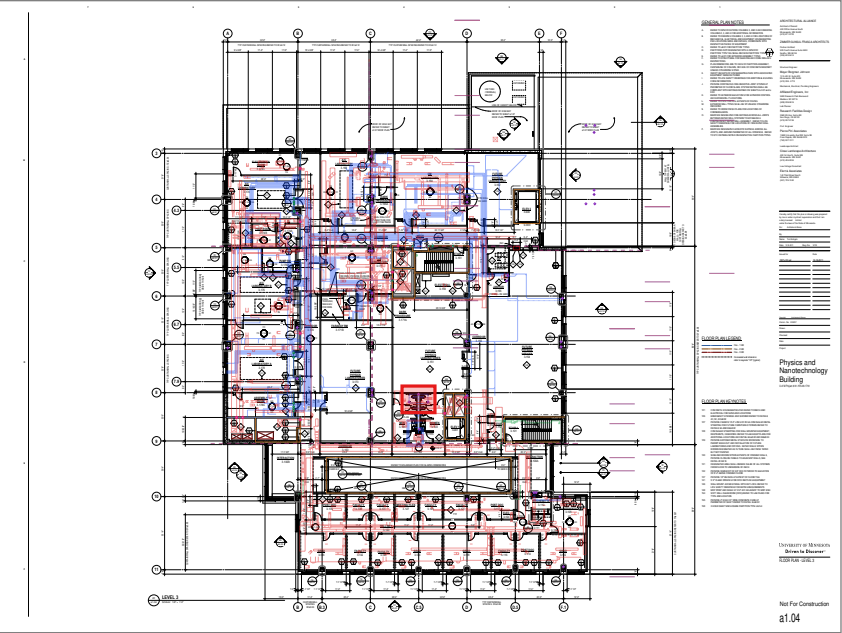
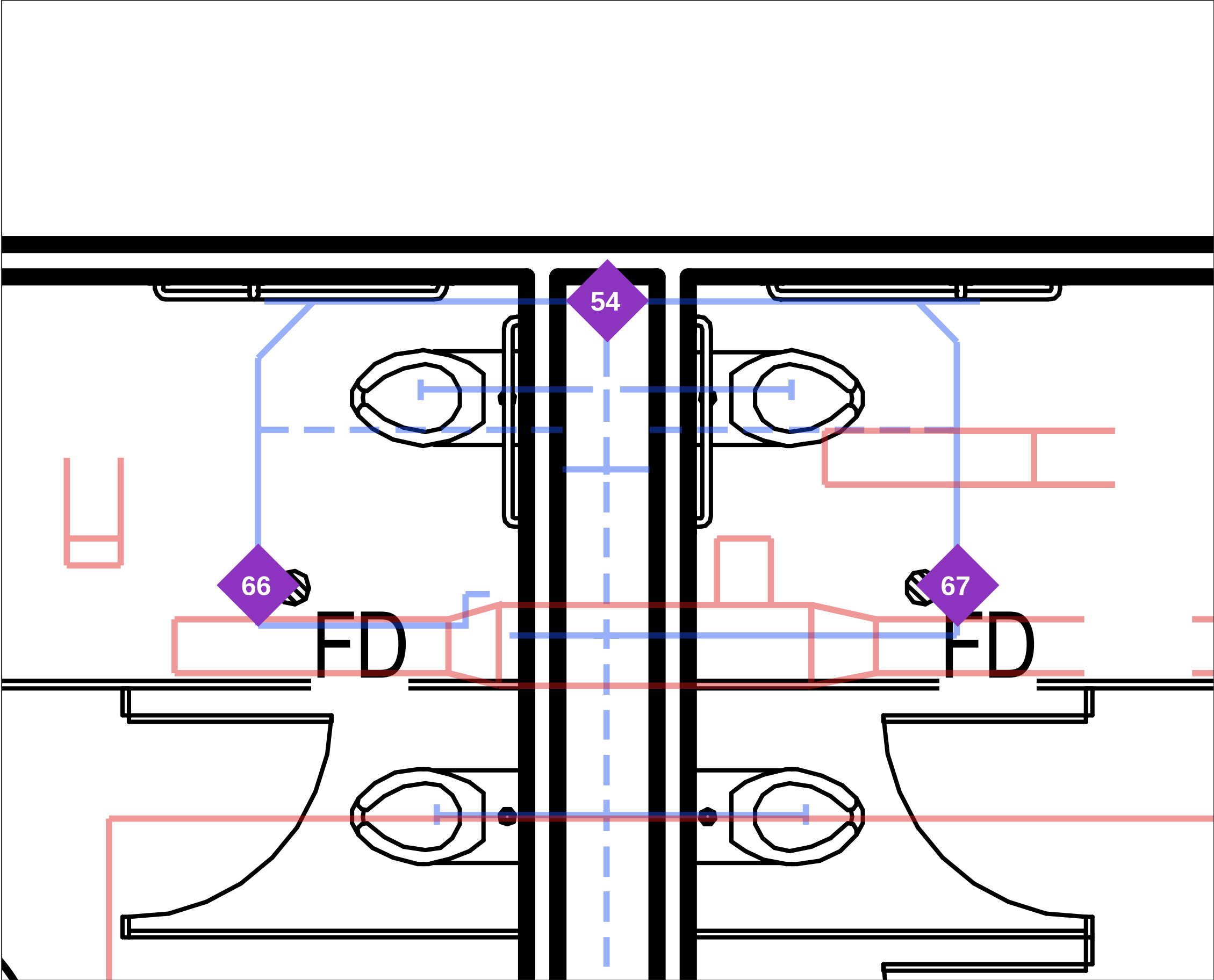
#	Grid	Through	Type	Required
60	B / 8	1 HR barrier	Multiple (2)	FD/FSD, 1 hr
61	B / 8	1 HR wall	Multiple (3)	F >= 1 hr
62	B / 8	1 HR wall	Multiple (2)	F >= 1 hr
64	B / 8	1 HR wall	Pipe	F >= 1 hr
65	B / 9	2 HR barrier	Duct	FD/FSD, 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- Floor penetration - confirmed on drawings
- Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)



-  Wall penetration - confirmed on drawings
-  Wall penetration - check in field
-  Floor penetration - confirmed on drawings
-  Floor penetration - check in field
-  Duct with fire/smoke damper (opening protective)
-  1 HR rated wall
-  2 HR rated wall / shaft / stair
-  3 HR rated shaft
-  Piping (faint)
-  Ductwork (faint)

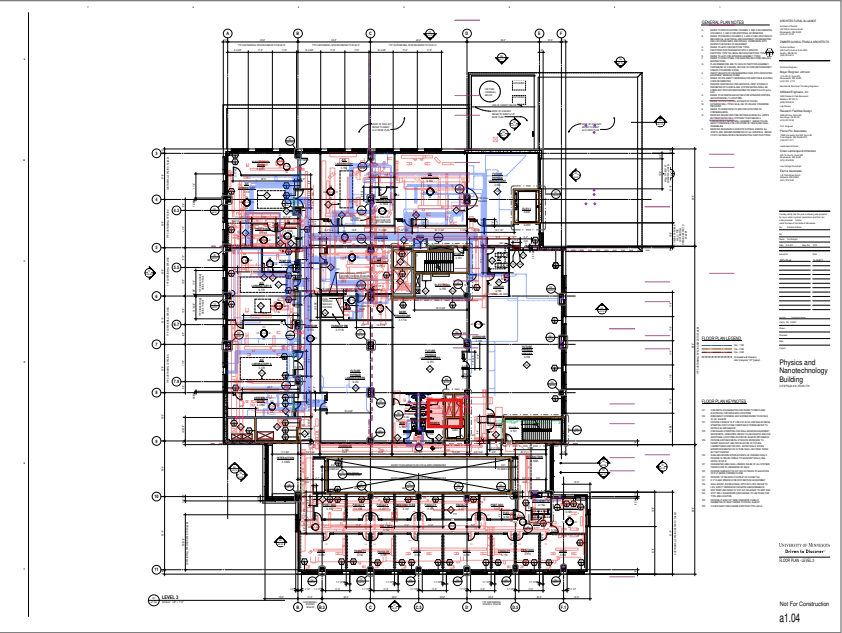
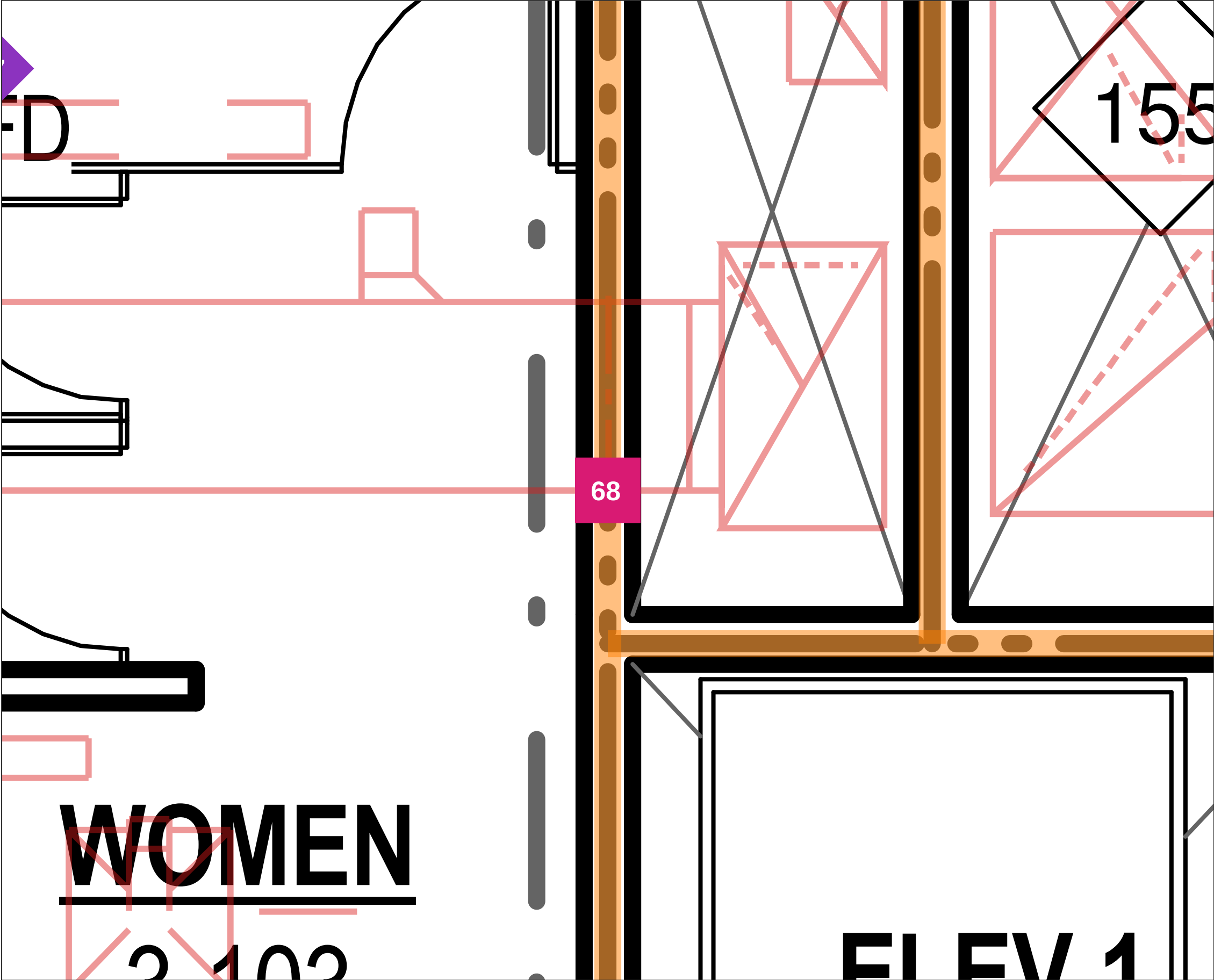
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#	Grid	Through	Type	Required
54	C.5 / 8	2 HR floor	Pipe	F, T >= 2 hr
66	C.5 / 8	2 HR floor	Pipe (2)	F, T >= 2 hr
67	C.5 / 8	2 HR floor	Pipe (2)	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

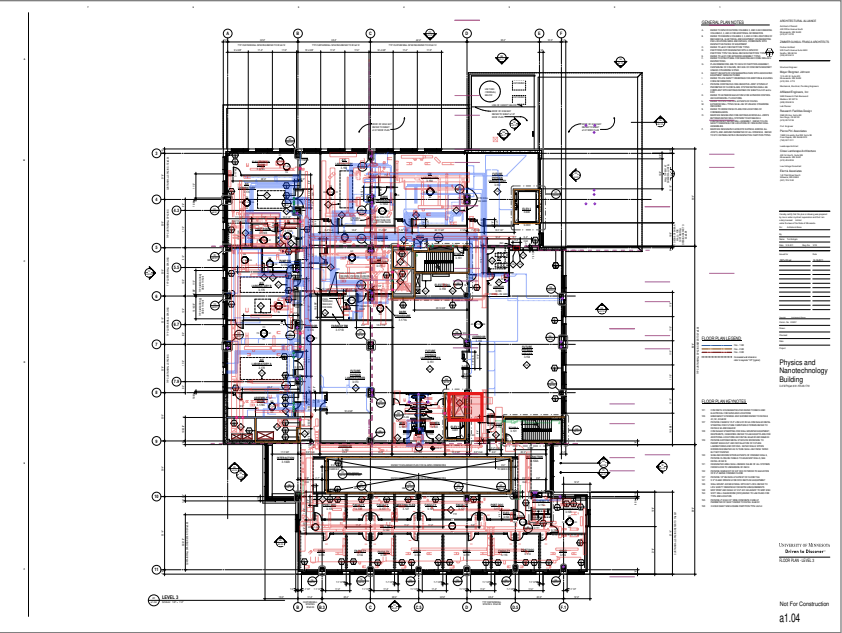
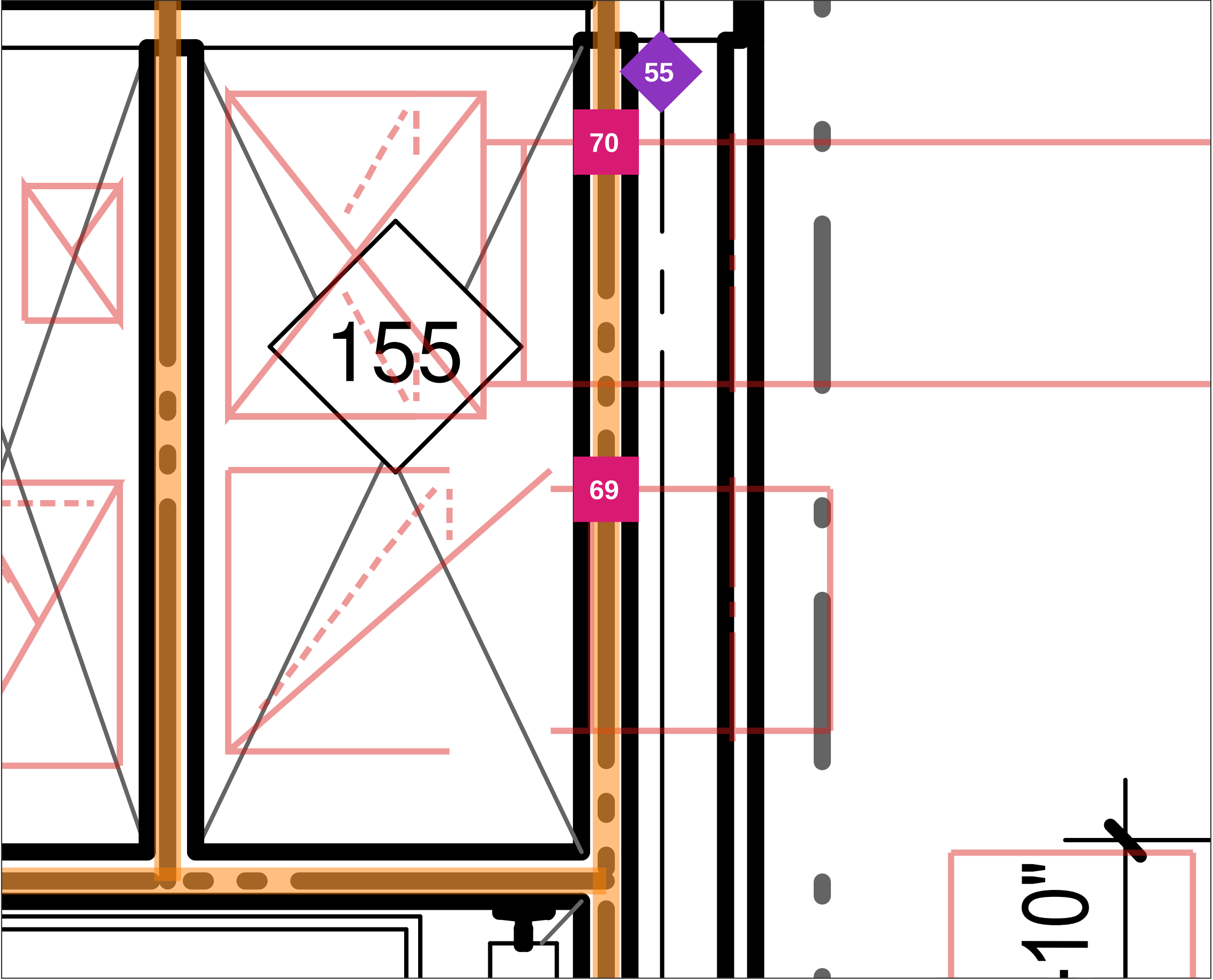
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#	Grid	Through	Type	Required
68	D / 8	2 HR barrier	Duct	FD/FSD, 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

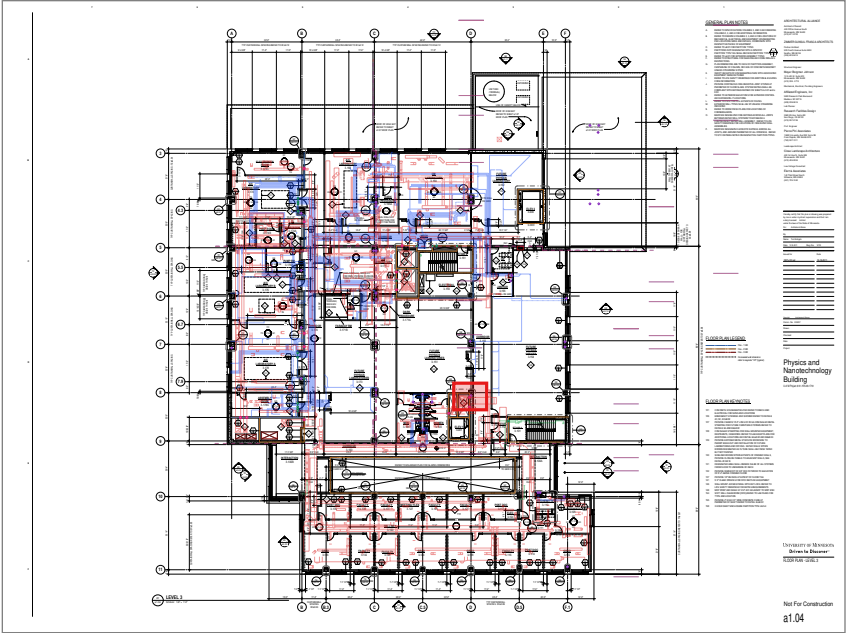
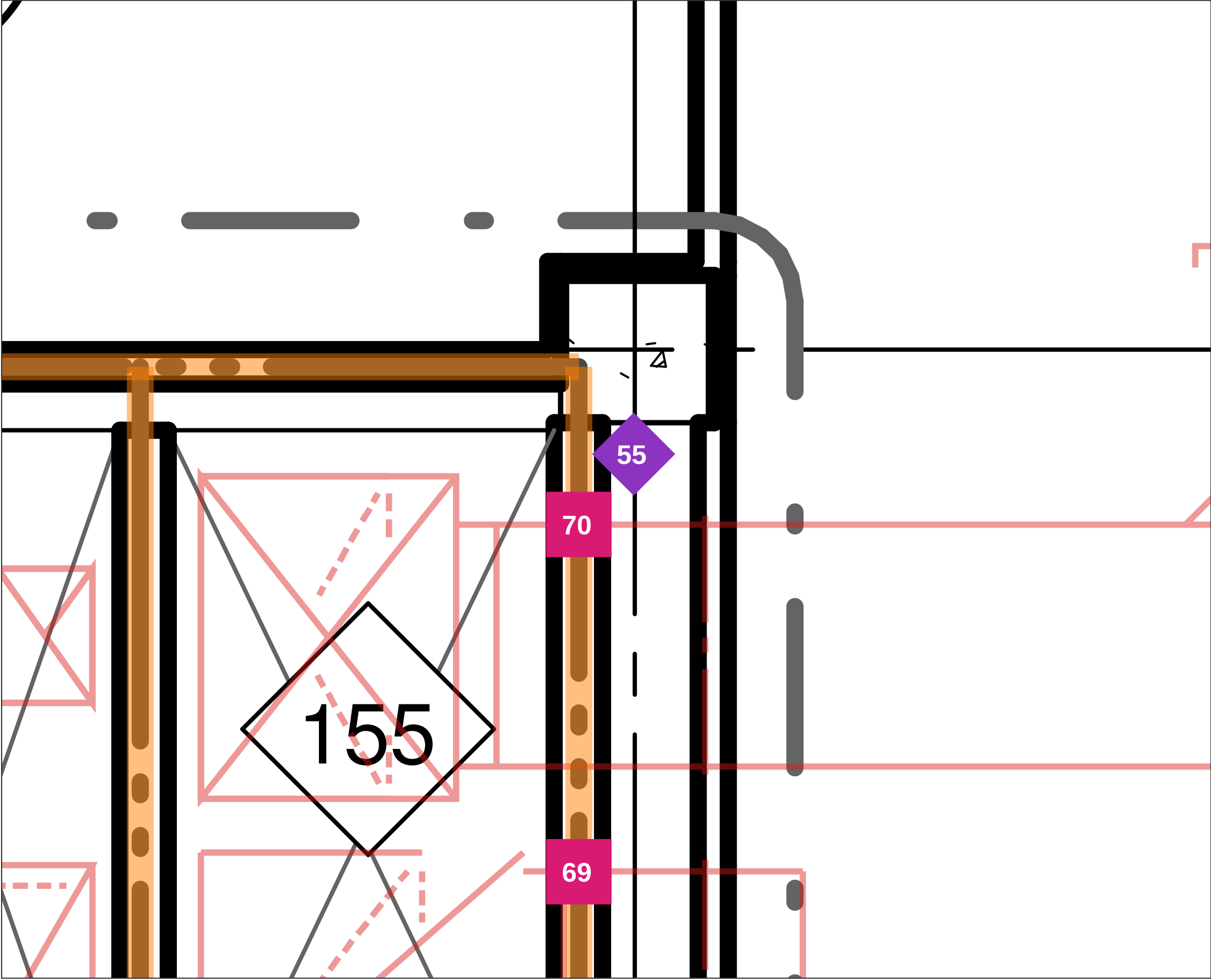
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#	Grid	Through	Type	Required
55	D / 8	2 HR floor	Pipe	F, T >= 2 hr
69	D / 8	2 HR barrier	Duct	FD/FSD, 2 hr
70	D / 8	2 HR barrier	Duct	FD/FSD, 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- Floor penetration - confirmed on drawings
- Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

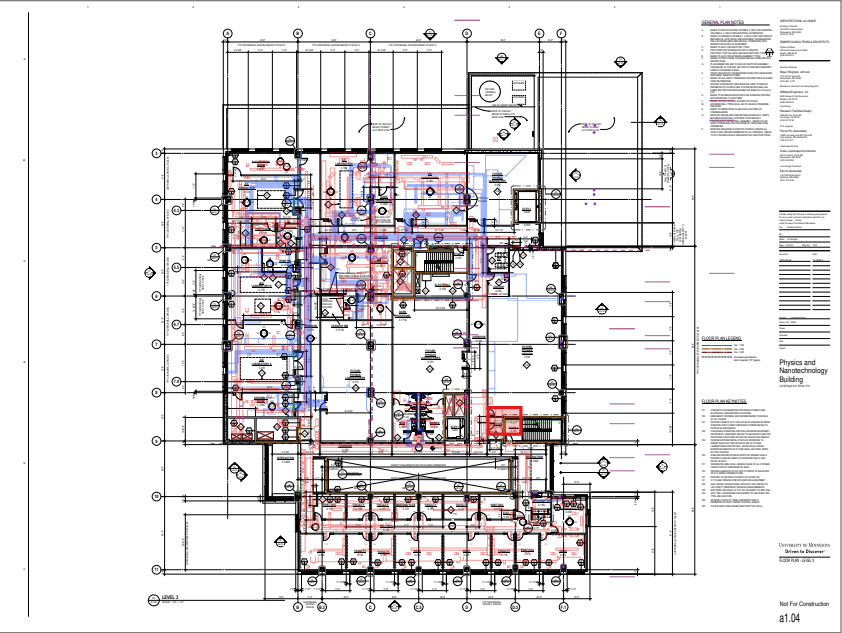
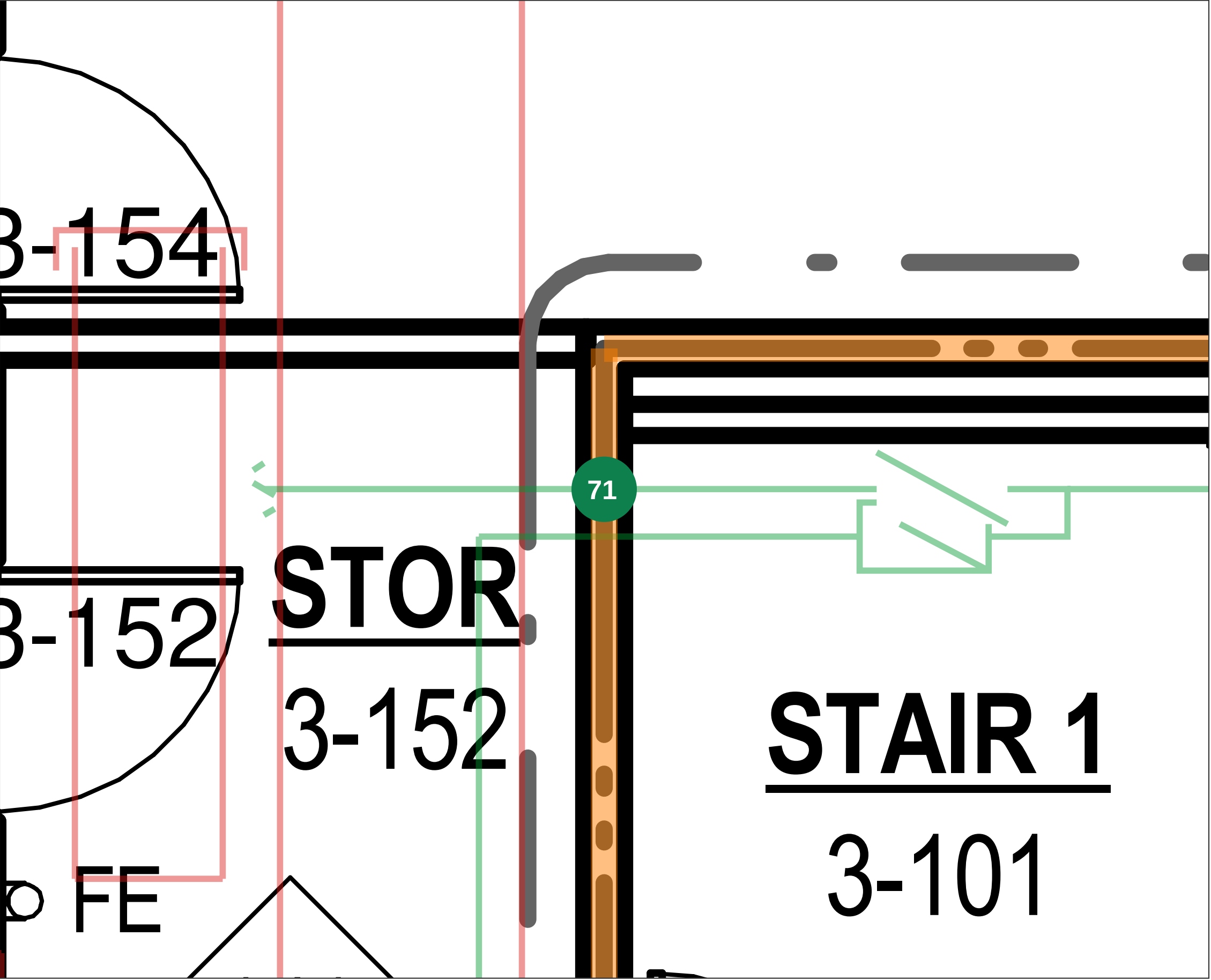
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#	Grid	Through	Type	Required
55	D / 8	2 HR floor	Pipe	F, T >= 2 hr
69	D / 8	2 HR barrier	Duct	FD/FSD, 2 hr
70	D / 8	2 HR barrier	Duct	FD/FSD, 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- Floor penetration - confirmed on drawings
- Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

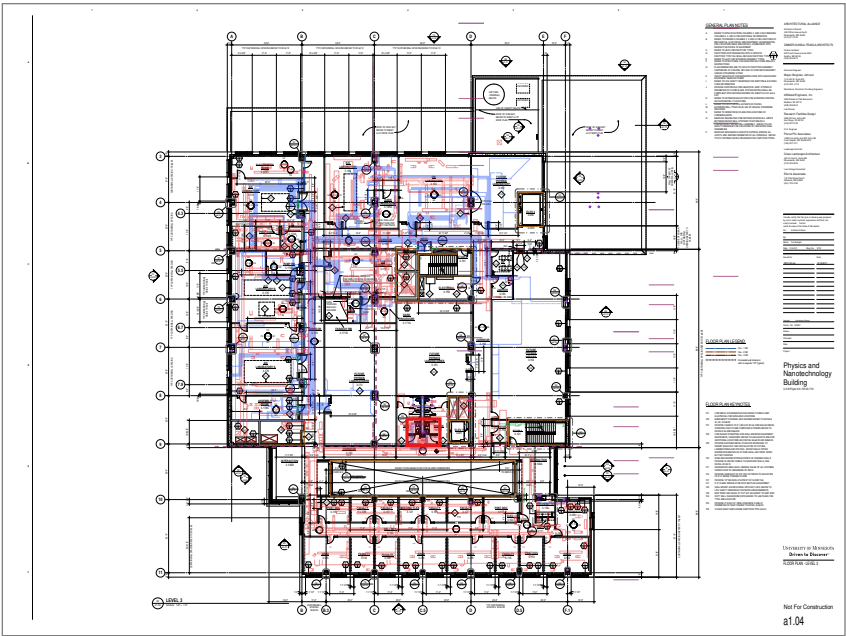
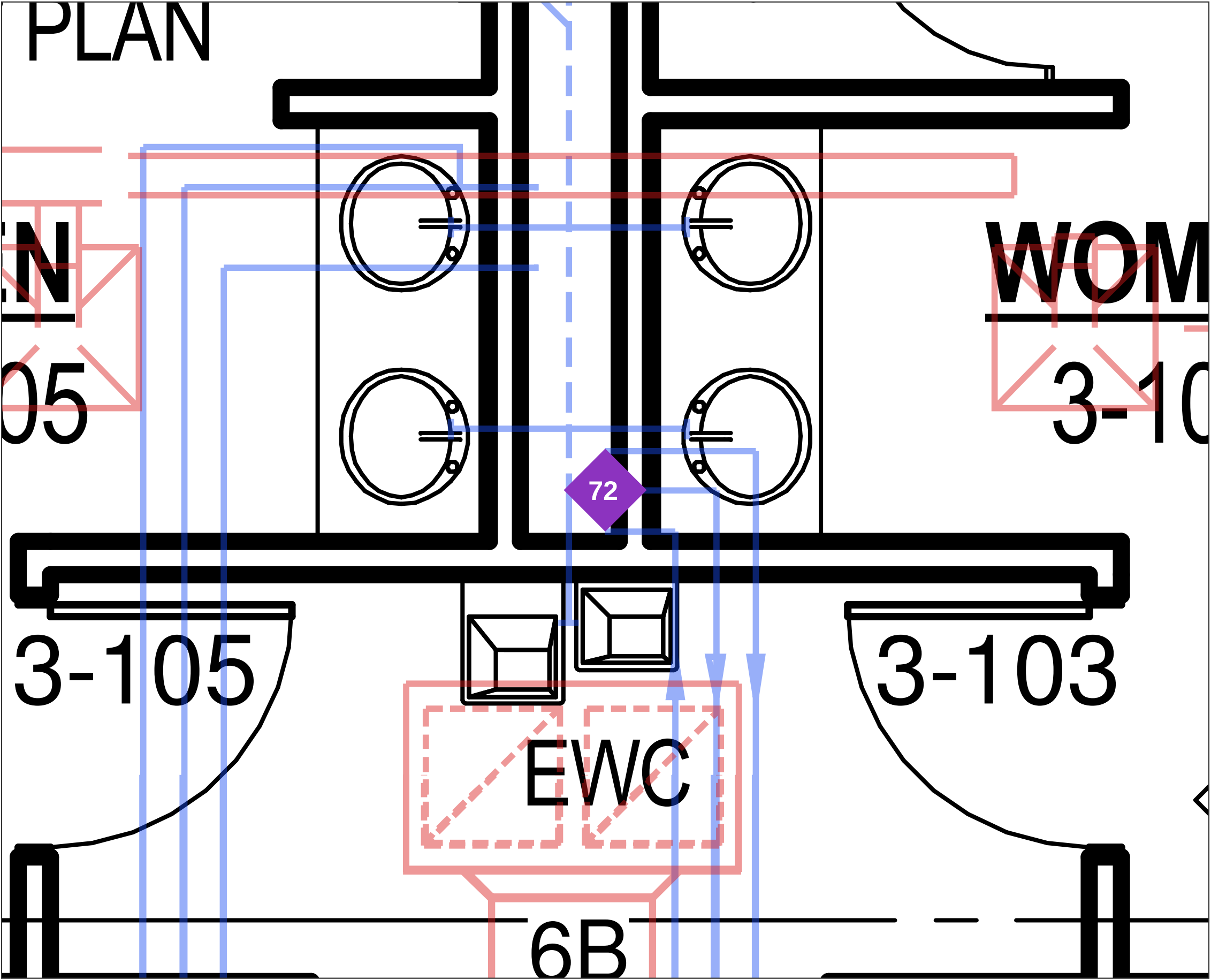
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#	Grid	Through	Type	Required
71	D.5 / 9	2 HR wall	Multiple (2)	F >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- Floor penetration - confirmed on drawings
- Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

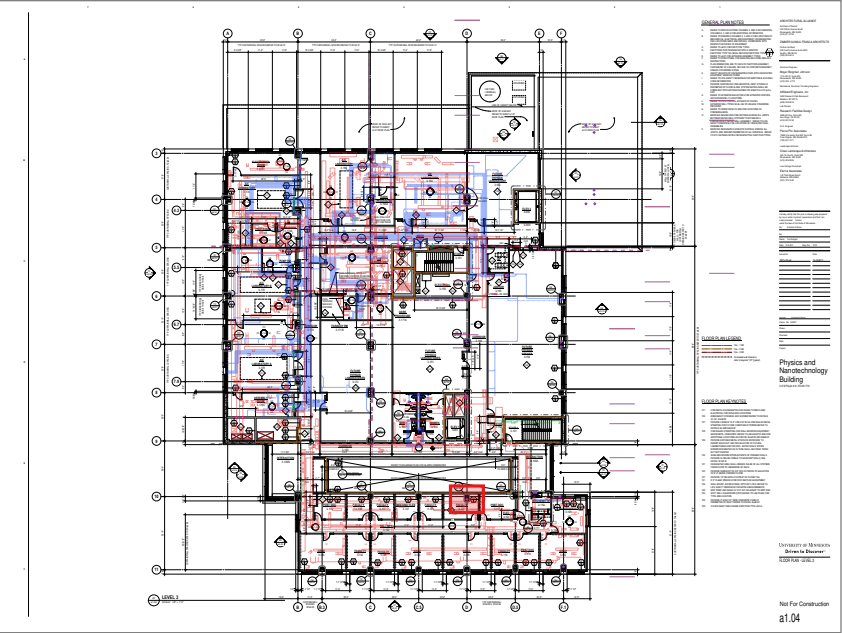
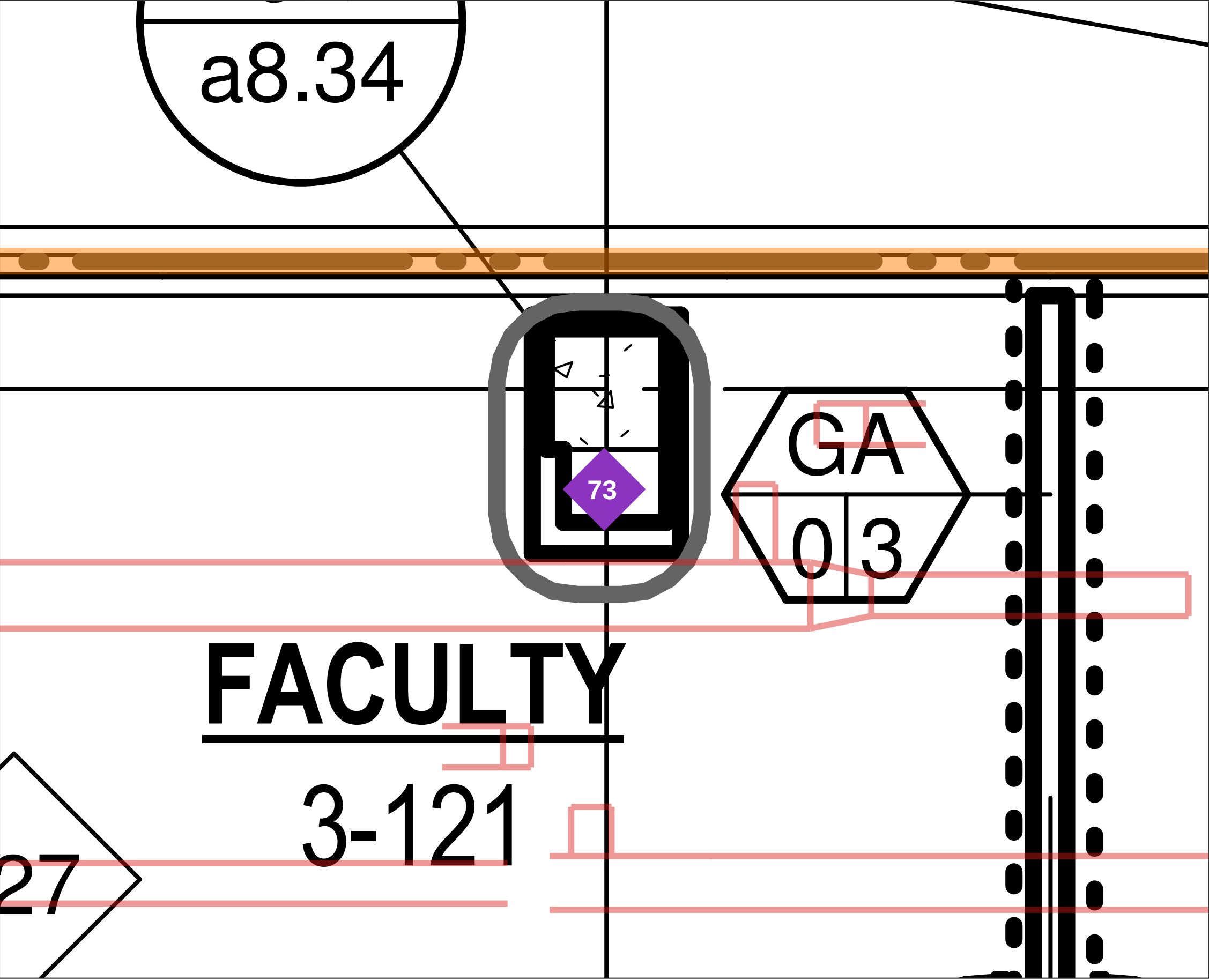
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#	Grid	Through	Type	Required
72	C.5 / 9	2 HR floor	Pipe (3)	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

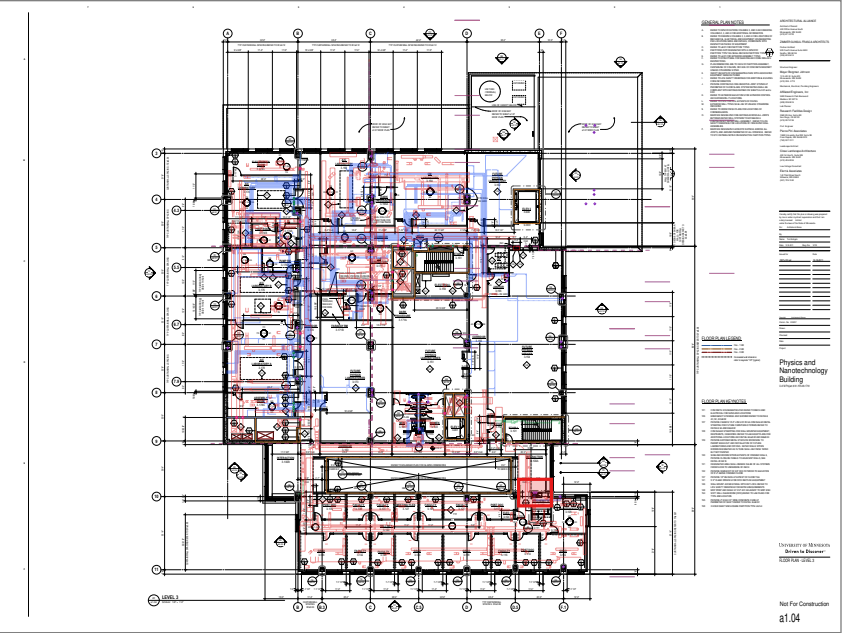
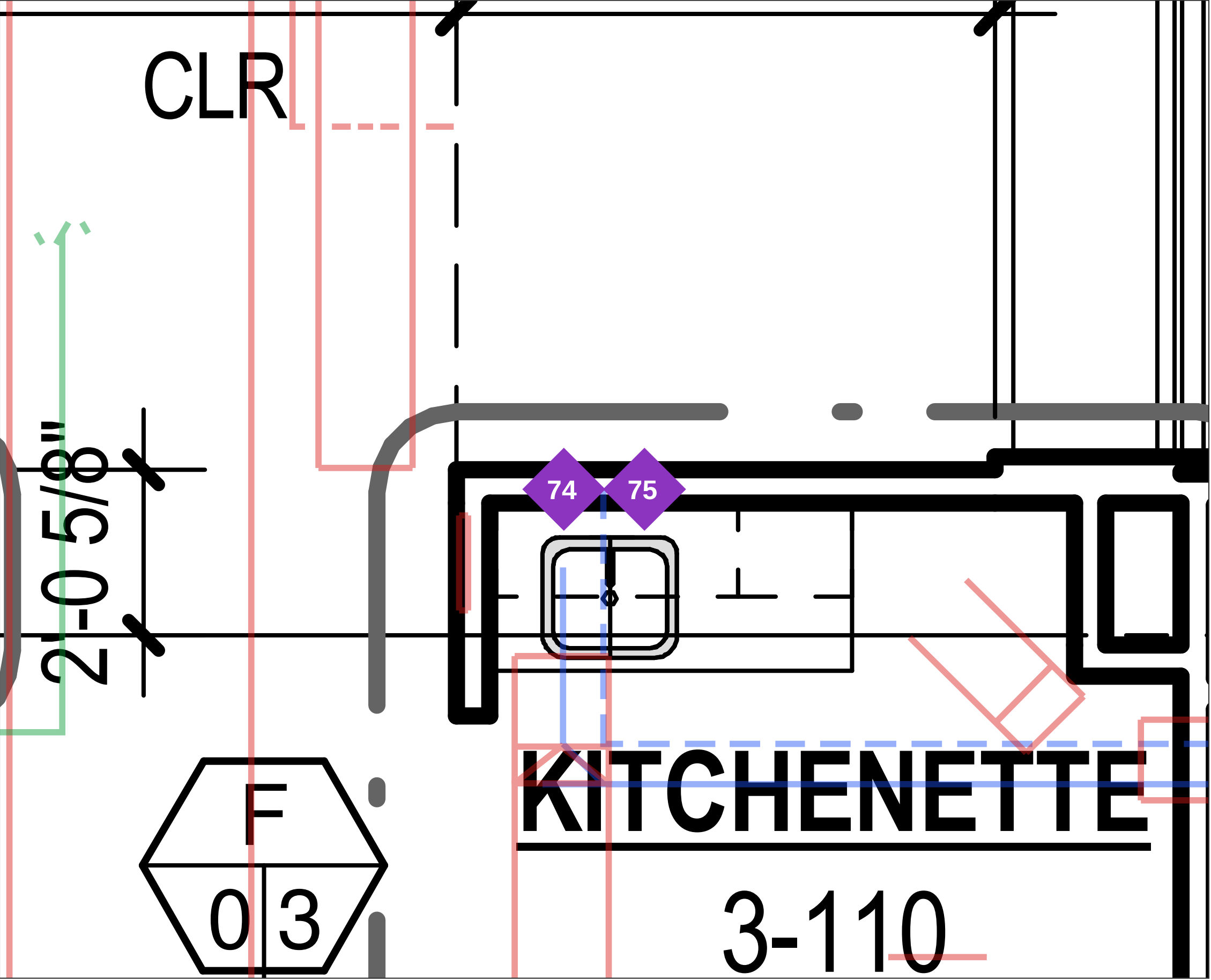
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#	Grid	Through	Type	Required
73	D / 10	2 HR floor	Pipe	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

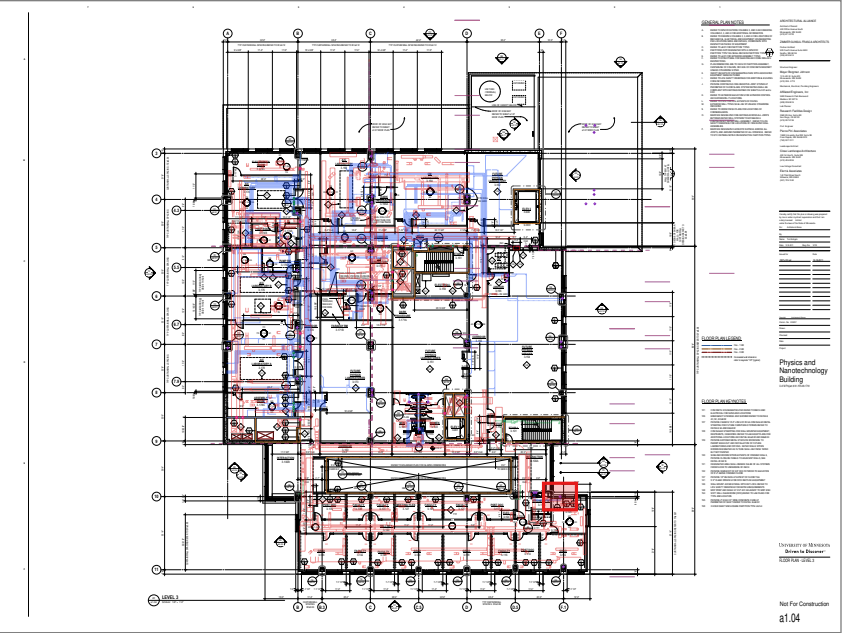
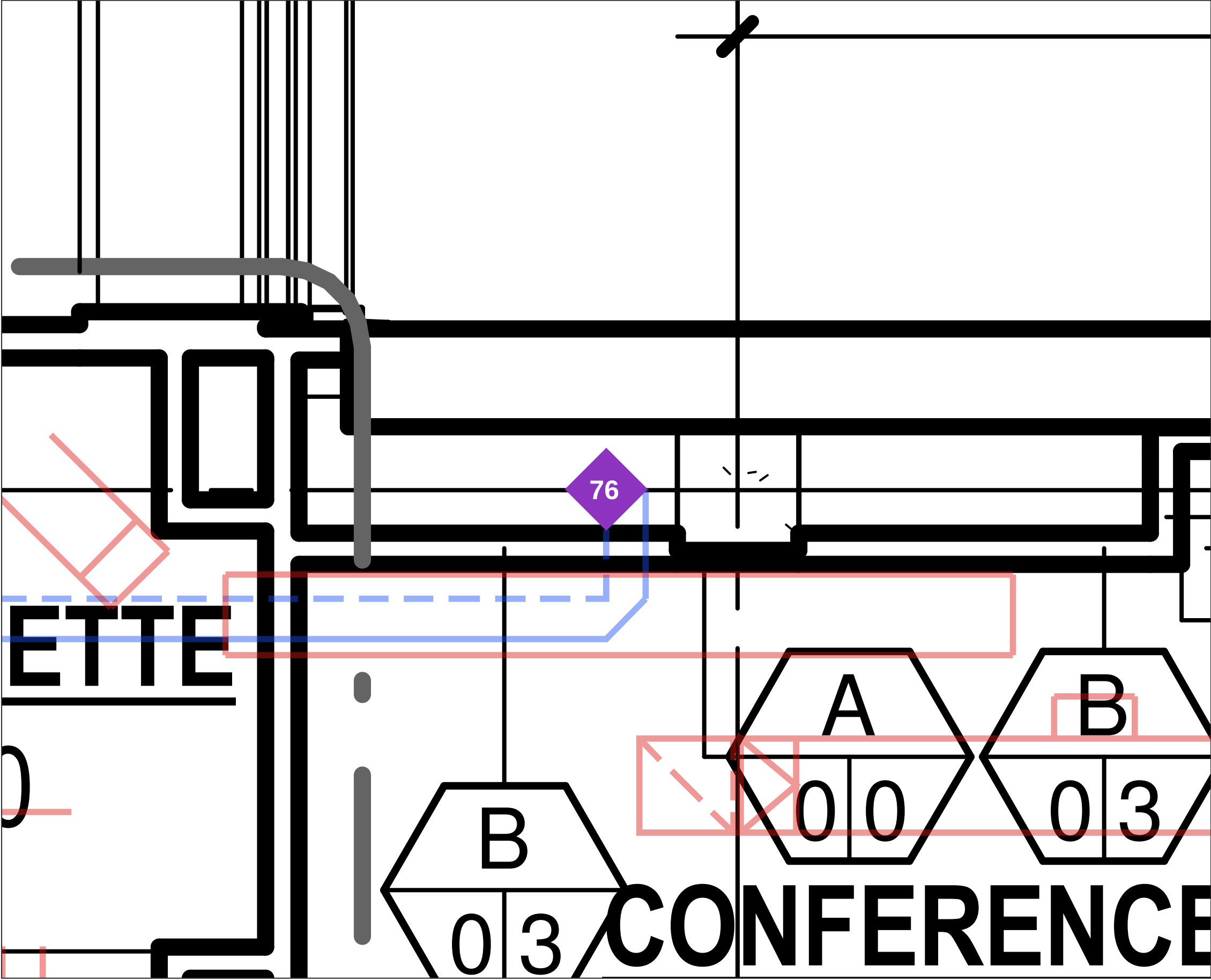
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#	Grid	Through	Type	Required
74	E / 10	2 HR floor	Pipe	F, T >= 2 hr
75	E / 10	2 HR floor	Pipe	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- Floor penetration - confirmed on drawings
- Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

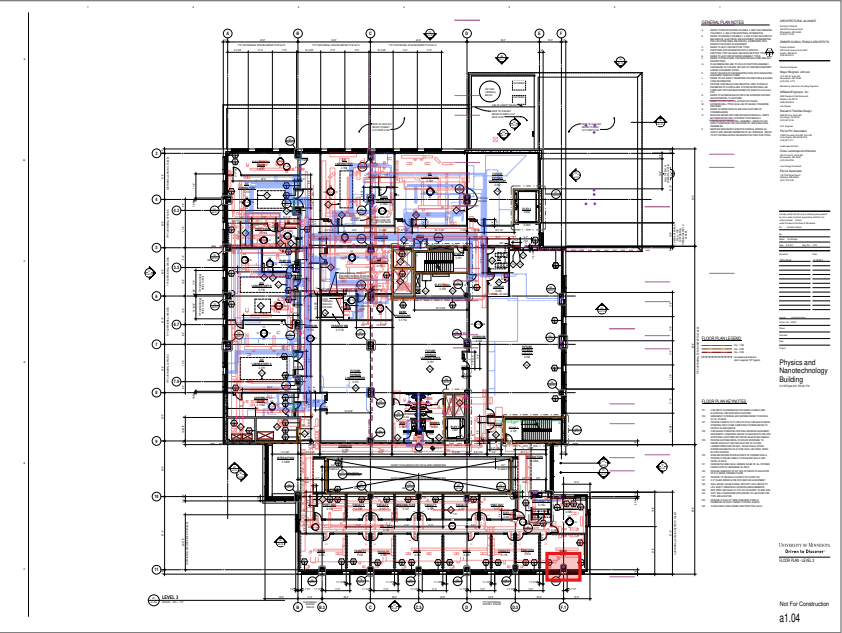
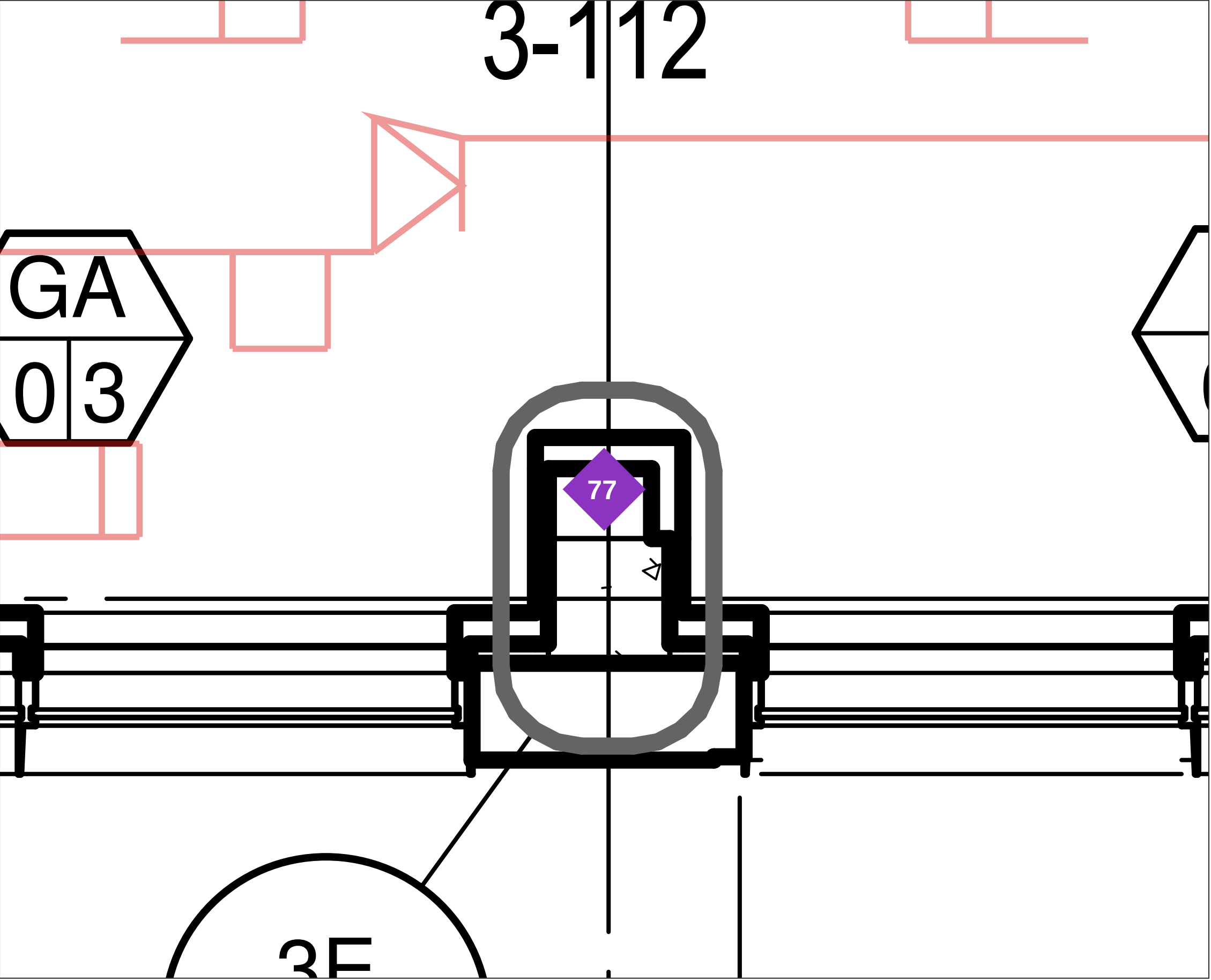
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#	Grid	Through	Type	Required
76	F / 10	2 HR floor	Pipe (2)	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)

Enlarged 6.3x from a1.04. 1 pins. Pins sit on the crossing point. Filled = confirmed on drawings by two independent passes (not field-verified); hollow = check in field.



#	Grid	Through	Type	Required
77	F.1 / 11	2 HR floor	Pipe	F, T >= 2 hr

- Wall penetration - confirmed on drawings
- Wall penetration - check in field
- ◆ Floor penetration - confirmed on drawings
- ◇ Floor penetration - check in field
- Duct with fire/smoke damper (opening protective)
- 1 HR rated wall
- 2 HR rated wall / shaft / stair
- 3 HR rated shaft
- Piping (faint)
- Ductwork (faint)