

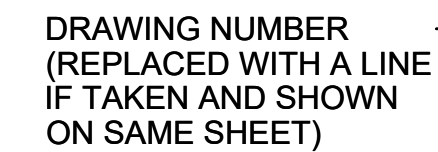
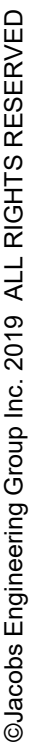
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B SECTION

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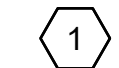
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REFERENCE (eg: ELEVATIONS)



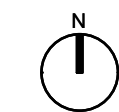
GRID LINE INDICATOR



KEYNOTE NUMBER



REVISION / ADDENDA NUMBER



NORTH ARROW; CAN BE MODIFIED
TO INCLUDE MAGNETIC NORTH ALONG
WITH PROJECT NORTH

CODE ANALYSIS

CODE: IBC 2018
OCCUPANCY GROUPS: B (SPECIAL USE - AUTOMOTIVE)
LAND USE ZONE: C-5DDC
BUILDING SCOPE AREA: 415 SF
FIRE SPRINKLERS: YES, EXISTING
FIRE ALARM: YES, EXISTING

VICINITY MAP



Project Title:
CCDC PARKING GARAGE
ELEVATOR #4 MODERNIZATION

Drawing Title:
GENERAL

○

GENERAL
COVER SHEET, INDEX,
AND GENERAL NOTES

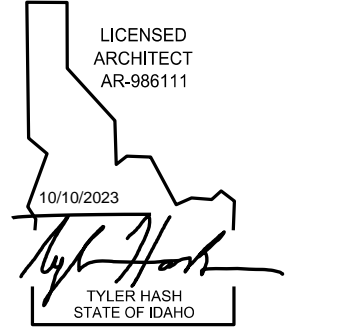
Date: OCTOBER 2023

Proj. No.: D35899A2

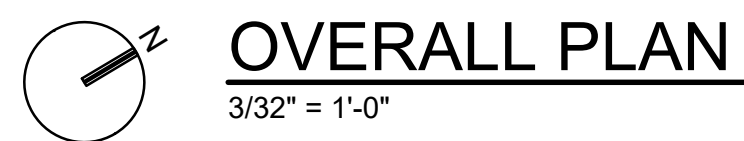
Drawing No.:

G001

PERMITS DRAWINGS

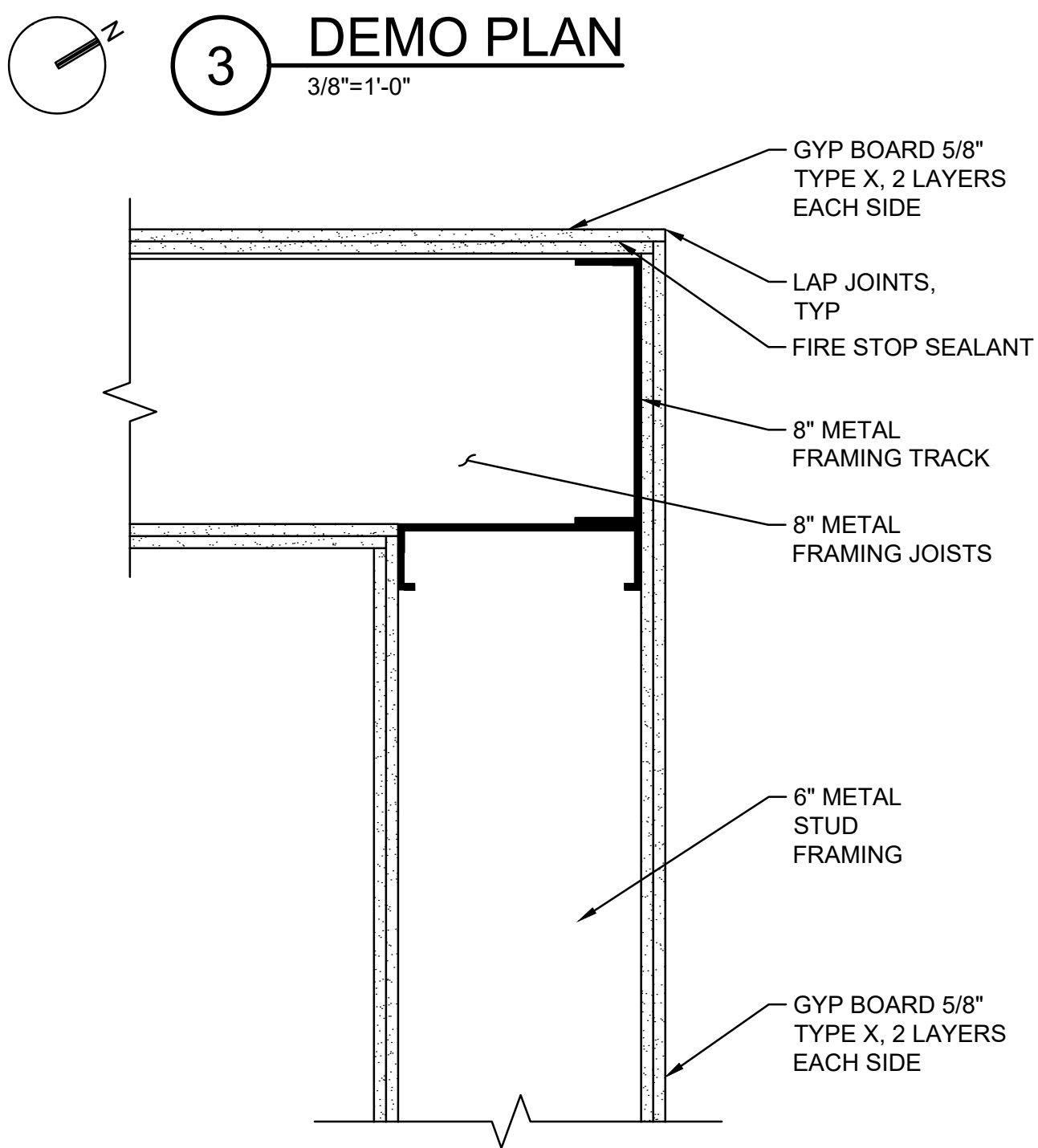
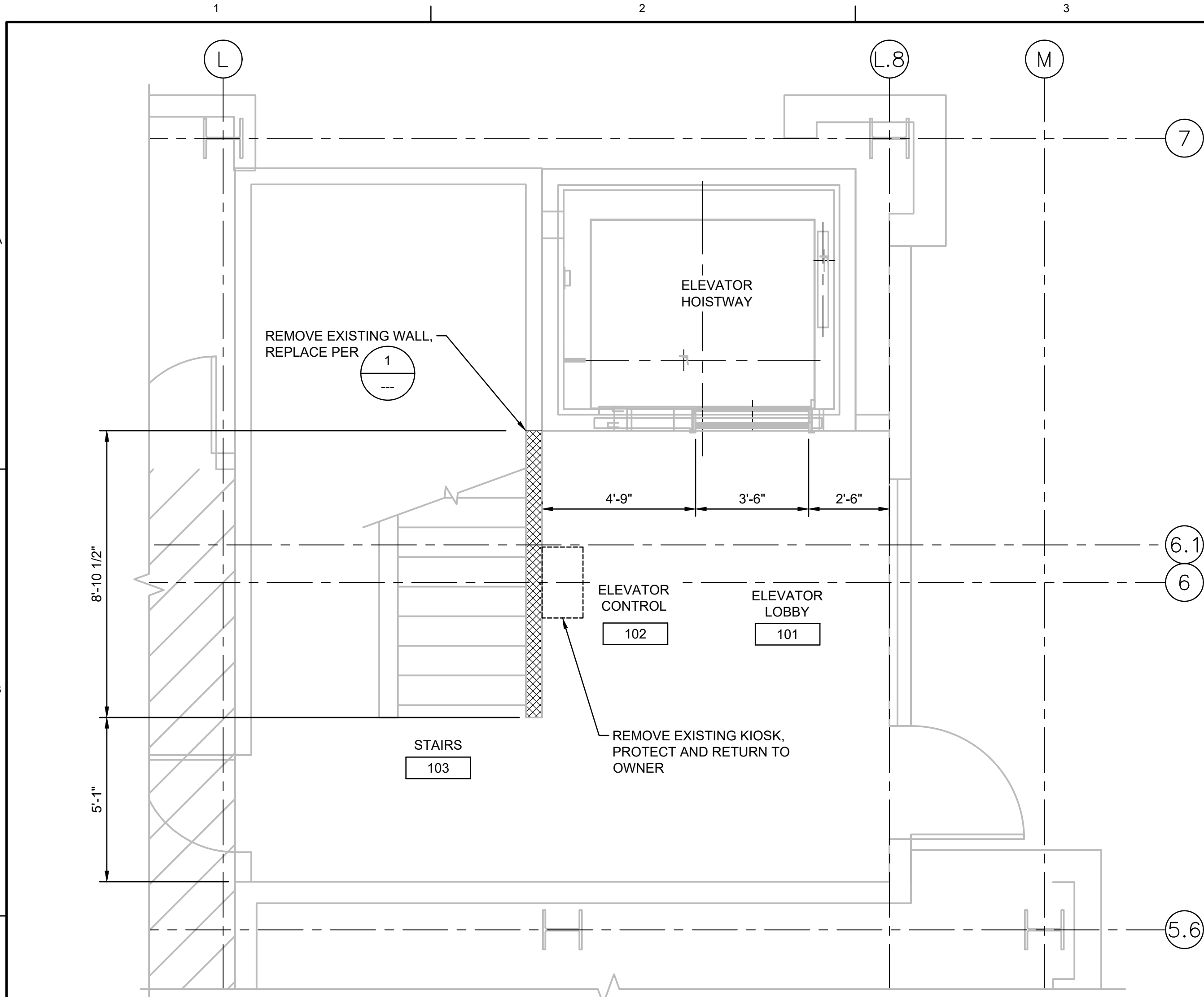


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Project Title: CCDC PARKING GARAGE ELEVATOR #4 MODERNIZATION	
Drawing Title: ARCHITECTURAL LEVEL 1 OVERALL PLAN	
Date:	OCTOBER 2023
Proj. No.:	D35899A2
Drawing No.:	
A100	

PERMIT DRAWINGS

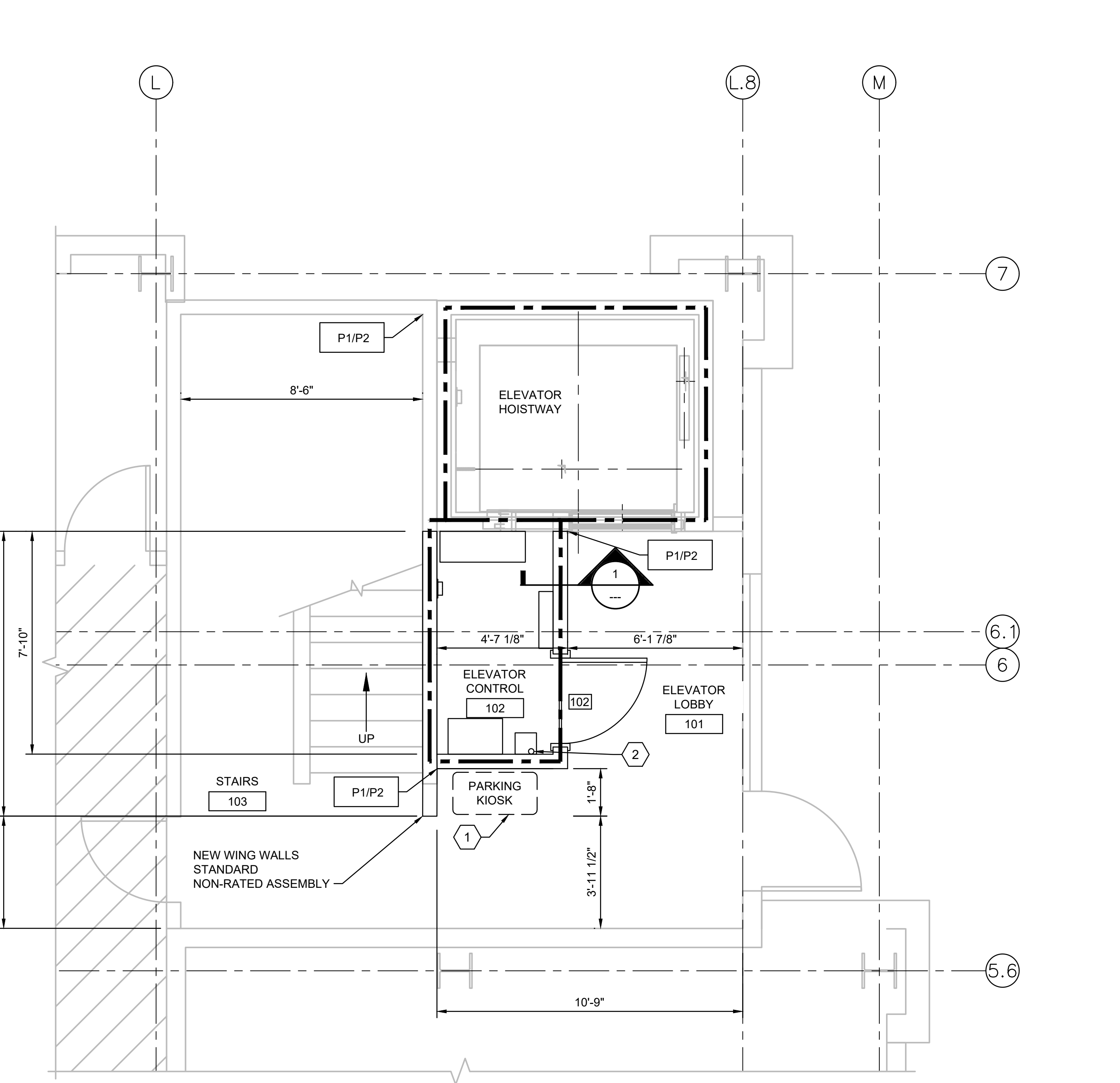


1 2 HOUR WALL/CEILING DETAIL
NTS

KEYNOTES

LEGEND

GENERAL NOTES



2 CONTROLLER ROOM PLAN
3/8" = 1'-0"

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LICENSED ARCHITECT AR-986111

10/10/2023

TYLER HASH

STATE OF IDAHO

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FINISH MATERIAL LEGEND

P1

WHITE GENERAL FIELD

P2

YELLOW WALL ACCENT

P3

GREEN DOOR PANEL

P4

BLACK DOOR FRAME

EX

EXISTING FINISH

RB

RUBBER BASE

P#

PAINT EXTENTS

ROOM FINISH SCHEDULE

NUMBER	NAME	FLOOR	BASE	WALLS (NORTH)	WALLS (EAST)	WALLS (SOUTH)	WALLS (WEST)	CEILING	COMMENTS
101	ELEVATOR LOBBY	EX	RB		EX	EX	P1/P2	--	MATCH EXISTING ACCENT PAINT HEIGHT
102	ELEVATOR CONTROL	EX	RB	P1	P1	P1	P1	P1	FIRE TAPE AND CALK ALL SEAMS AND PENETRATIONS PER UL LISTINGS
103	STAIR	EX	RB	EX	P1/P2	EX	EX	--	MATCH EXISTING ACCENT PAINT HEIGHT

DOOR SCHEDULE

NUMBER	HEIGHT	WIDTH	FRAME TYPE	FRAME FINISH	PANEL TYPE	PANEL FINISH	FIRE RATING	HARDWARE SET
102	7'-0"	3'-0"	A	P4	HM	P3	1.5 HOURS	HDW-6

DOOR JAMB DETAIL - 2 HOUR RATED

5/8" GYP BOARD
TYP X - 2 LAYERS
ALL SIDES

6" METAL STUDS

HOLLOW METAL
FRAME

FRAME TYPE

2" SEE SCHEDULE 2"

2" SEE SCHEDULE

FRAME TYPE A

Project Title:
CCDC PARKING GARAGE
ELEVATOR #4 MODERNIZATION

Drawing Title:
ARCHITECTURAL
LEVEL 1
CONTROLLER ROOM
SCHEDULES AND DETAILS

Date:
OCTOBER 2023

Proj. No.:
D35899A2

Drawing No.:
A102

www.Jacobs.com

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ARCHITECT
AR-986111

10/10/2023

TYLER HASH

STATE OF IDAHO

BY

APVD

REVISION

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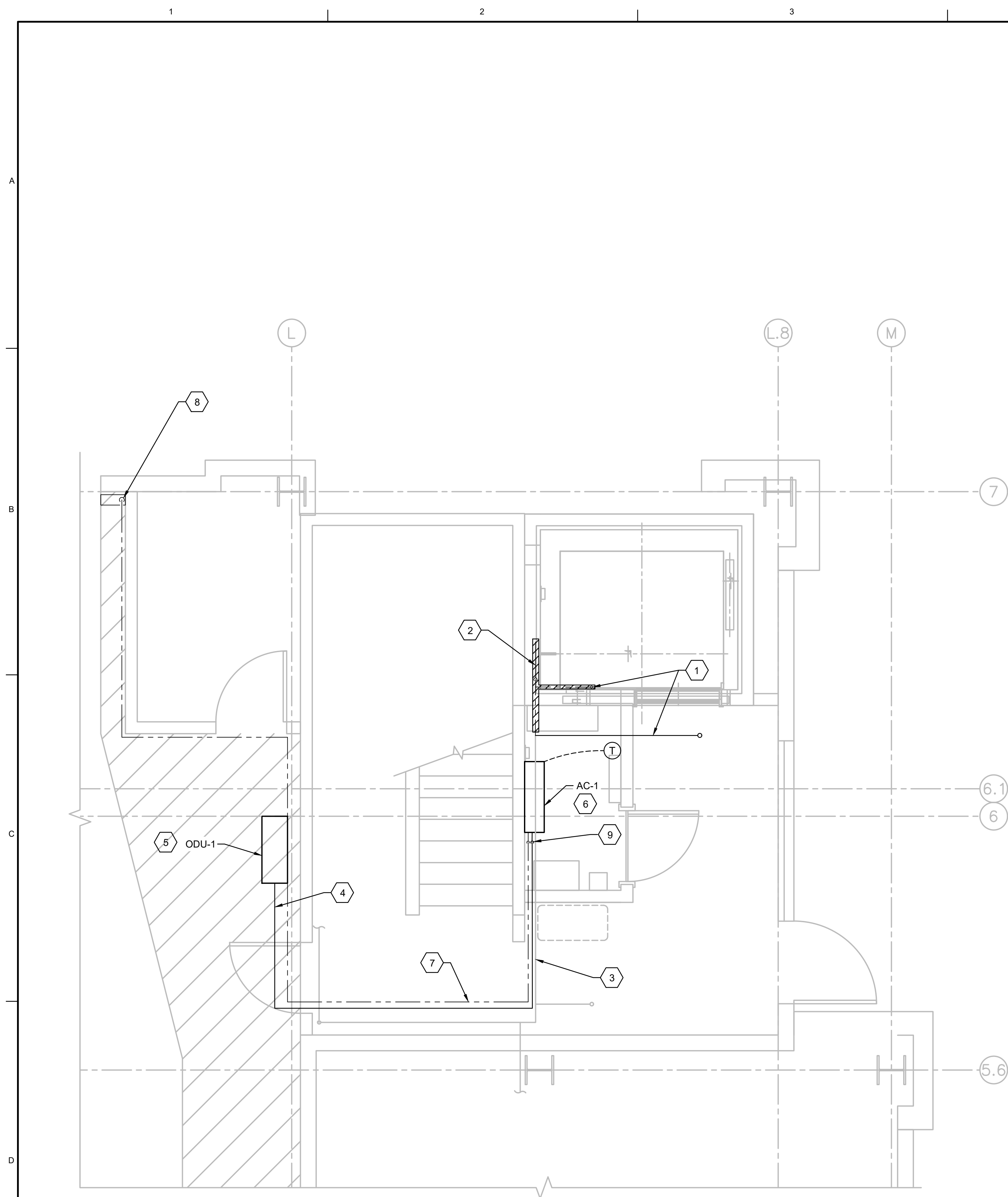
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Filename A102.dwg



DESIGNATION		AC-1/ODU-1
COOLING CAPACITY BTUH (TOTAL)		18,000
COOLING CAPACITY BTUH (SENSIBLE)		13,140
SEER		20.2
VOLTS / PH		208/1
REFRIGERANT		R-410A
INDOOR UNIT	DESIGNATION	AC-1
	VOLUME CFM	265-310-385-455
	HEIGHT IN	12
	WIDTH IN	36
	DEPTH IN	11
	WEIGHT LBS	28
	MCA	1
	CONFIGURATION	WALL
SERVICE LOCATION		ELECTRICAL
MODEL		TPKA0A0181LA10A
OUTDOOR UNIT	DESIGNATION	ODU-1
	AMBIENT TEMP MAX	95 F
	AMBIENT TEMP MIN	20 F
	HEIGHT IN	24
	WIDTH IN	34
	DEPTH IN	16
	WEIGHT LBS	92
	MCA	11
	MOCp	28
MODEL		TRUYA0181KA70NA
MANUFACTURER		MITSUBISHI

NOTES:

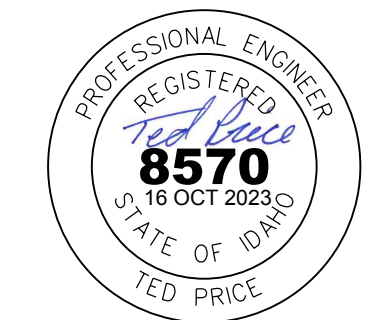
1. PROVIDE HARDWIRED ELECTRONIC PROGRAMMABLE THERMOSTAT AND CONTROL WIRING.
2. FURNISH WITH FACTORY CONDENSATE PUMP.
3. PROVIDE WITH FACTORY FURNISHED WALL BRACKET FOR OUTDOOR UNIT. CONTROL ROOM.
4. CONTRACTOR SHALL COORDINATE REFRIGERANT PIPE SIZING PER MANUFACTURERS RECOMMENDATIONS.

GENERAL NOTES

1. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HVAC CONTROL WIRING.
2. INSTALL INDOOR AND OUTDOOR HVAC UNITS PER MANUFACTURER'S RECOMMENDATIONS.
3. SIZE REFRIGERANT AND CONDENSATE PIPING PER MANUFACTURER'S RECOMMENDATIONS.
4. MECHANICAL CONTRACTOR TO MATCH EXISTING SPRINKLER PIPE SIZE, FITTINGS AND MATERIAL WHERE SPRINKLER PIPING IS MODIFIED.

SHEET KEYNOTES

1. MODIFY EXISTING SPRINKLER BRANCH IN LOBBY AND INSTALL NEW PIPING AS REQUIRED TO RELOCATE AND MAINTAIN THE SPRINKLER BRANCH IN LOBBY AFTER THE INSTALLATION OF NEW CONTROL ROOM AND ELEVATOR.
2. DEMOLISH EXISTING SPRINKLER BRANCH TO ELEVATOR PIT.
3. EXISTING SPRINKLER PIPING OVER NEW CONTROL ROOM.
4. HIGH AND LOW PRESSURE REFRIGERANT PIPING TO AND FROM INDOOR AND OUTDOOR UNIT.
5. MOUNT UNIT ON WALL A MINIMUM OF 8'-0" ABOVE SIDEWALK WITH MANUFACTURER FURNISHED WALL MOUNTING BRACKET.
6. MOUNT UNIT IN NEW CONTROL ROOM AS HIGH ON WALL AS POSSIBLE.
7. 3/4" CONDENSATE DRAIN FROM INDOOR UNIT. ROUTE DRAIN LINE A MINIMUM OF 9' ABOVE FINISHED FLOOR. CONDENSATE PIPING TO BE TYPE L COPPER WITH SOLDERED JOINTS.
8. ROUTE CONDENSATE DRAIN OVERHEAD AND ELBOW DOWN TO TERMINATE APPROXIMATELY 12" ABOVE NEW SPLASH BLOCK ON CURB.
9. CONDENSATE DRAIN AND HIGH AND LOW PRESSURE REFRIGERANT LINES DOWN THROUGH NEW CONTROL ROOM LID. PENETRATE LID WITH FIRE RATED ASSEMBLY. REFER TO DETAIL 2 ON M501 FOR MORE INFORMATION.



Energy Code:	2018 IECC
Project Title:	
Location:	Boise, Idaho
Climate Zone:	5b
Project Type:	Alteration

Owner/Agent:
Capital City Development
121 N. 9th Street Suite 501
Boise, Idaho 83702
208-384-4262

Designer/Contractor:
Carlo Frode
Jacobs
999 W. Main Street, Suite 1200
Boise, Idaho 83702

[illegible]

- 1 HVAC System (Single Zone):
Cooling: 1 each - Split System, Capacity = 18 kBtu/h, Air-Cooled Condenser, Unknown Economizer
Proposed Efficiency = 20.20 SEER, Required Efficiency = 13.00 SEER
Proposed Part Load Efficiency = 0.00, Required Part Load Efficiency = 0.00

Compliance Statement: The proposed mechanical alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2018 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Signature _____

10/10/23
Date

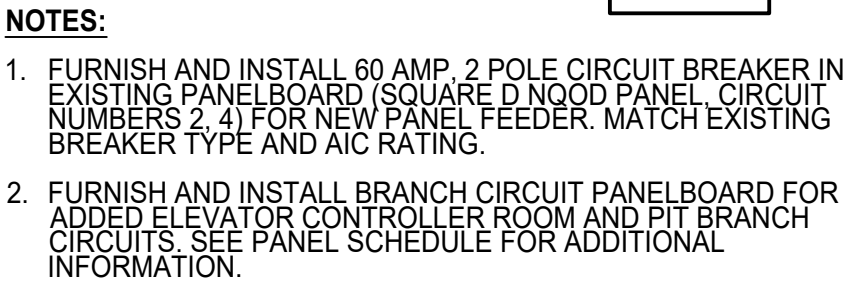
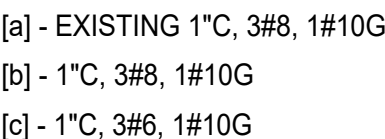
LEVEL 1
CONTROLLER ROOM
PLAN AND SCHEDULE

Date:	OCTOBER 2023
Proj. No.:	D35899A2
Drawing No.:	

M101

PERMIT DRAWINGS

CIRCUIT SCHEDULE



Not to Scale

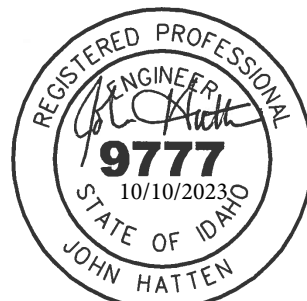
	LIGHTING	RECPT	MISC.	MOTOR	TOTAL LOAD
CONNECTED VA	83	360	2,788	0	3,231
DEMAND FACTOR	1.00	SEE NOTE 1	1.00	SEE NOTE 2	
DEMAND VA	83	360	2,788	0	3,231
LOADING FOR O.C.P.*	104	450	3,485	0	4,039

1. DEMAND FACTOR: 1ST 10kVA AT 100%; OVER 10KVA AT 50%.
2. LARGEST MOTOR LOAD AT 125%; ALL OTHERS AT 100%.

LUMINAIRE SCHEDULE NOTES:

1. GENERAL NOTE: DESIGN IS BASED ON FIRST NAMED MANUFACTURER. THE ALTERNATE MANUFACTURERS ARE ACCEPTABLE, SUBJECT TO COMPLIANCE WITH THE SPECIFIED REQUIREMENTS, MODEL NUMBER, TYPE, AND / OR CATALOG NUMBER
2. GENERAL NOTE: CONTRACTOR SHALL PROVIDE REQUIRED FIXTURE QUANTITIES, INSTALLATION FEATURES, AND COORDINATE ALL FIXTURE MOUNTING ACCESSORIES.
3. GENERAL NOTE: REFER TO ARCHITECTURAL REFLECTED CEILING PLANS, ELEVATIONS, AND DETAILS FOR SPECIFIC MOUNTING LOCATIONS, HEIGHTS, AND OTHER REQUIREMENTS.

1. FURNISH, INSTALL, AND CONNECT THE REQUIRED QUANTITY OF CONDUCTORS IN CONDUIT FOR THE LIGHTING, POWER, FIRE ALARM, AND TELECOMMUNICATIONS CIRCUITS SHOWN.
2. COORDINATE PENETRATIONS OF WALLS, CEILINGS, OR STRUCTURE WITH THE OWNER. FURNISH AND INSTALL FIRE STOP MATERIALS TO MAINTAIN FIRE RATING.
3. FOR ADDITIONAL ELECTRICAL INSTALLATION CONDITIONS AND REQUIREMENTS, SEE SPECIFICATIONS DIVISIONS 26, 27, AND 28.
4. CONNECT ALL NEW FIRE ALARM DEVICES INTO EXISTING FIRE ALARM SYSTEM. ALL FIRE ALARM CABLES AND CONDUCTORS SHALL BE ROUTED IN CONDUIT (3/4" MINIMUM). FURNISH AND INSTALL ALL PROGRAMMING, MODIFICATION, AND EXPANSION TO EXISTING FIRE ALARM CONTROL PANEL TO ACCOMMODATE ALL NEW FIRE ALARM DEVICES AND TO PROVIDE A COMPLETE, OPERABLE FIRE ALARM SYSTEM.

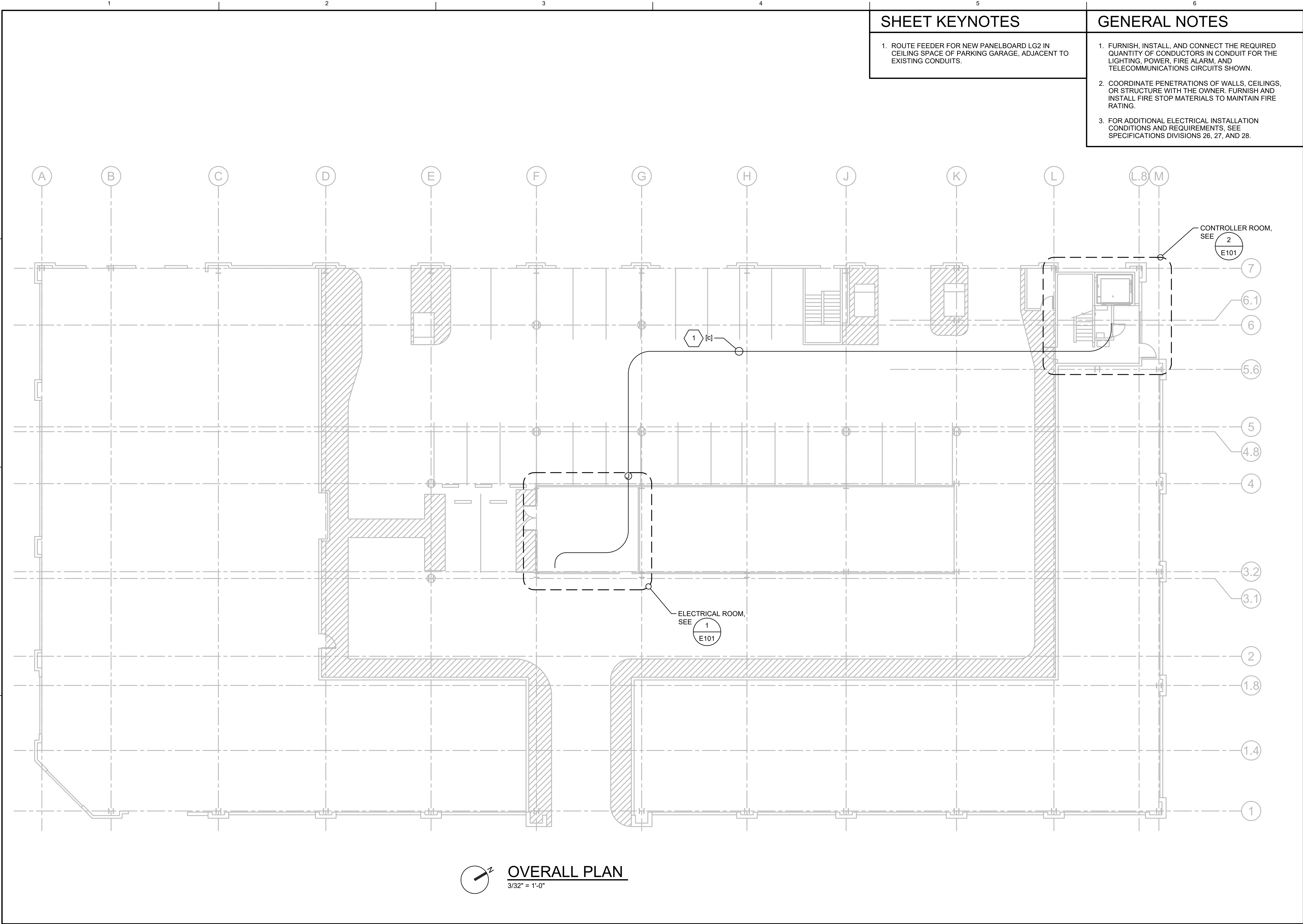
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LEGEND AND GENERAL NOTES

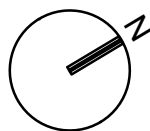
Date:	OCTOBER 2023
Proj. No.:	D35899A2
Drawing No.:	

E001





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$$3/8'' = 1'-0''$$


SHEET KEYNOTES

1. REMOVE EXISTING LIGHTING FIXTURE IN ELEVATOR PIT. FURNISH AND INSTALL NEW LIGHT FIXTURE AND CONTROLS AS SHOWN.
2. RELOCATE EXISTING LIGHT FIXTURE IN ELEVATOR LOBBY TO ACCOMMODATE NEW CONTROLLER ROOM; EXTEND AND RECONNECT EXISTING CIRCUIT.
3. CONNECT LIGHTING IN ELEVATOR CONTROLLER ROOM TO DEDICATED 120 VOLT CIRCUIT, PER NEC 620.23.

COMcheck Software Version COMcheckWeb

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2018 IECC
Project Title: CCDC Capitol and Myrtle Parking Garage Elevator #4 Modernization
Project Type: Alteration

Construction Site: 445 S Capitol Blvd. Boise, Idaho 83702	Owner/Agent: Capital City Development Corporation 121 N. 9th Street Suite 501 Boise, Idaho 83702 208-384-4262	Designer/Contractor: John Hatten Jacobs 999 W. Main Street, Suite 1200 Boise, Idaho 83716 208-383-6283 john.hatten@jacobs.com
---	--	---

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts
1.Elevator Controller Room (Common Space Types:Workshop)	42	1.14	48
2.Elevator Pit (Common Space Types:Electrical/Mechanical)	83	0.43	36
Total Allowed Watts =			84

Proposed Interior Lighting Power

A	B	C	D	E
Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	Lamps/ Fixture	# of Fixture	Fixture Watt.	(C X D)
Elevator Controller Room (Common Space Types: Workshop, 42 sq.ft.) LED: S1: Industrial LED: Other:	1	1	41	41
Elevator Pit (Common Space Types: Electrical/Mechanical, 83 sq.ft.) LED: W1: Vaportite LED: Other:	1	1	42	42
		Total Proposed Watts =		83

Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

John Hatten, P.E.		10/05/23
Name - Title	Signature	Date

[illegible]

Project Title:

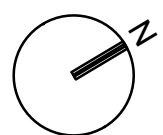
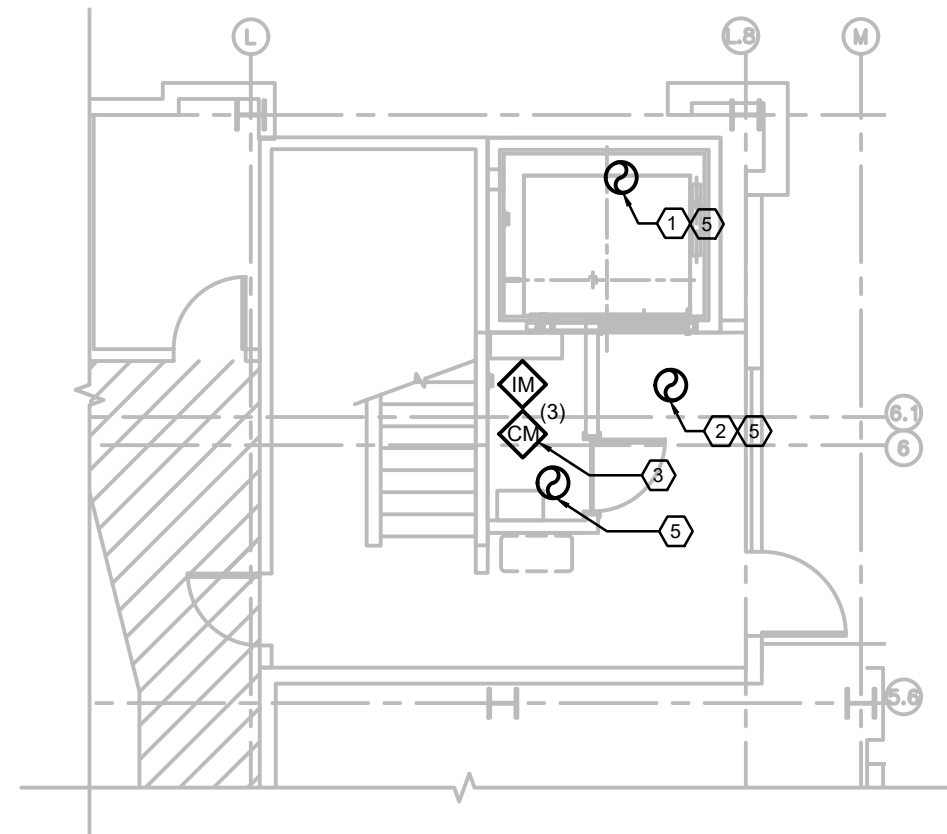
Drawing Title:

Date: OCTOBER 2023

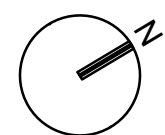
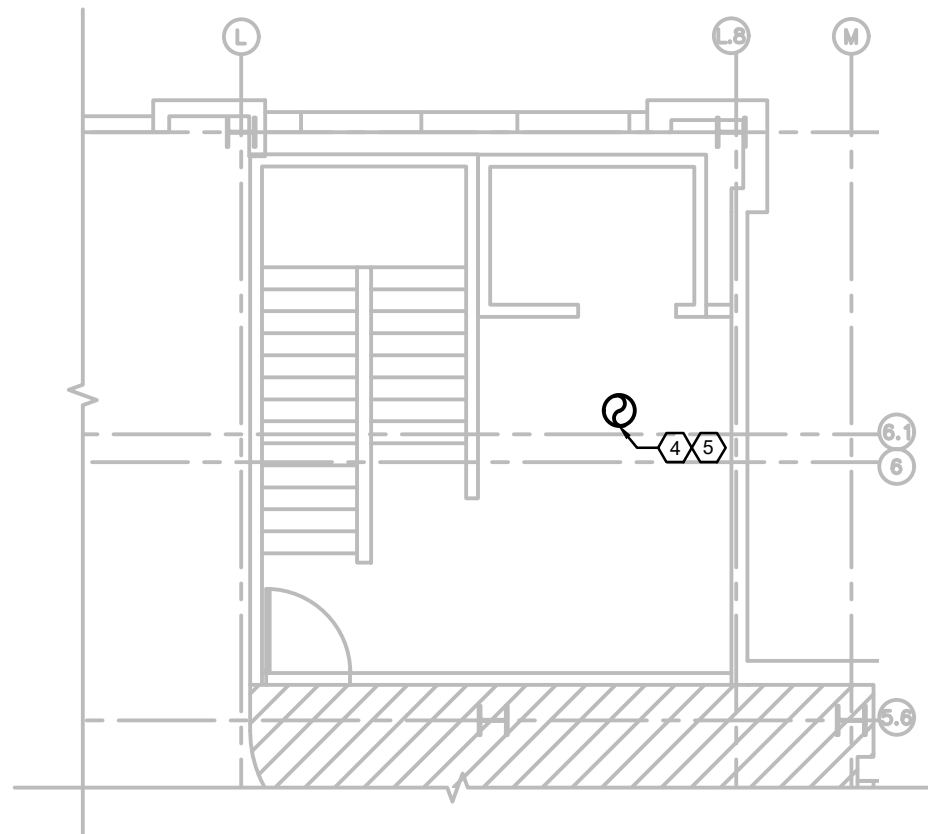
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Drawing No.:

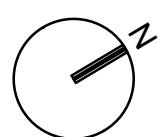
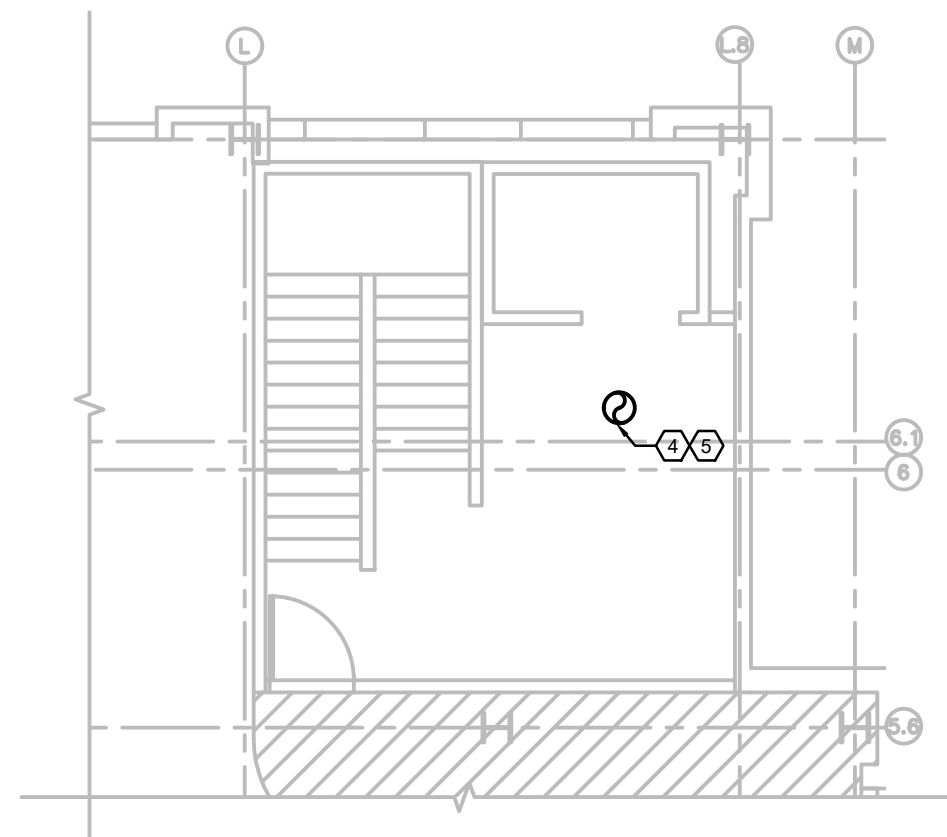
E102



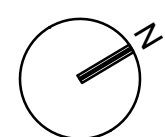
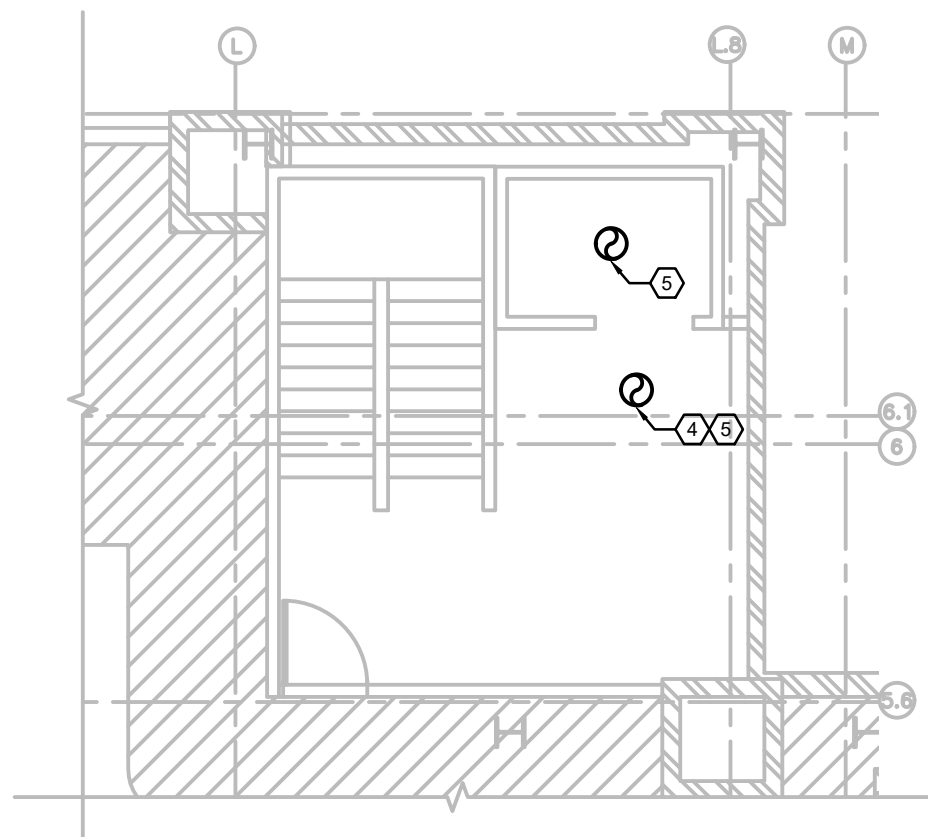
1 FIRE ALARM PLAN - LEVEL 1
1/8" = 1'-0"



2 FIRE ALARM PLAN - LEVEL 2
1/8" = 1'-0"



3 FIRE ALARM PLAN - LEVEL 3
1/8" = 1'-0"



4 FIRE ALARM PLAN - LEVEL 4
1/8" = 1'-0"

SHEET KEYNOTES

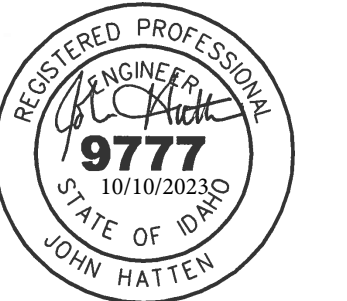
1. REMOVE EXISTING HEAT DETECTOR IN ELEVATOR PIT. RETAIN AND PROTECT EXISTING SMOKE DETECTOR.
2. REMOVE EXISTING HEAT DETECTOR IN ELEVATOR LOBBY. RELOCATE EXISTING SMOKE DETECTOR IN LOBBY AS SHOWN.
3. REMOVE EXISTING FIRE ALARM CONTROL MODULE FOR ELEVATOR SHUNT TRIP. RELOCATE EXISTING CONTROL MODULES FOR ELEVATOR PRIMARY RECALL, SECONDARY RECALL, AND FIRE HAT FUNCTIONS DOWN INTO CONTROLLER ROOM. RELOCATE FIRE ALARM MONITOR MODULE FOR ELEVATOR POWER DOWN INTO CONTROLLER ROOM. PROVIDE FIRE ALARM SYSTEM CONNECTIONS TO ELEVATOR CONTROLLER; COORDINATE WITH ELEVATOR INSTALLER.
4. RETAIN AND PROTECT EXISTING SMOKE DETECTOR IN ELEVATOR LOBBY.
5. PROGRAM SMOKE DETECTOR FOR ELEVATOR RECALL PER ASME A17.1 PRIMARY ELEVATOR RECALL SHALL BE TO LEVEL 1, SECONDARY ELEVATOR RECALL SHALL BE TO LEVEL 2.

GENERAL NOTES

1. FURNISH, INSTALL, AND CONNECT THE REQUIRED QUANTITY OF CONDUCTORS IN CONDUIT FOR THE LIGHTING, POWER, FIRE ALARM, AND TELECOMMUNICATIONS CIRCUITS SHOWN.
2. COORDINATE PENETRATIONS OF WALLS, CEILINGS, OR STRUCTURE WITH THE OWNER. FURNISH AND INSTALL FIRE STOP MATERIALS TO MAINTAIN FIRE RATING.
3. FOR ADDITIONAL ELECTRICAL INSTALLATION CONDITIONS AND REQUIREMENTS, SEE SPECIFICATIONS DIVISIONS 26, 27, AND 28.
4. CONNECT ALL NEW FIRE ALARM DEVICES INTO EXISTING FIRE ALARM SYSTEM. ALL FIRE ALARM CABLES AND CONDUCTORS SHALL BE ROUTED IN CONDUIT (IF MINIMUM). FURNISH AND INSTALL ALL PROGRAMMING, MODIFICATION, AND EXPANSION TO EXISTING FIRE ALARM CONTROL PANEL TO ACCOMMODATE ALL NEW FIRE ALARM DEVICES AND TO PROVIDE A COMPLETE, OPERABLE FIRE ALARM SYSTEM.



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Project Title: CCDC PARKING GARAGE
ELEVATOR #4 MODERNIZATION

ELECTRICAL FIRE ALARM PLANS

Date:	OCTOBER 2023
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Drawing No.:

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PERMIT DRAWINGS

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