



City of Ketchum

June 2, 2021

Mayor Bradshaw and City Councilors
City of Ketchum
Ketchum, Idaho

Mayor Bradshaw and City Councilors:

Recommendation To Approve Change Order #5 to Contract 20454

Recommendation and Summary

Staff is recommending the council provide authorization to the Mayor to sign Change Order #6 to Contract 20454 with CORE | Headwaters LLC:

"I move to approve Change Order #5 decreasing Contract 20454 from \$9,370,779 to \$9,328,712; a decrease of \$42,067.00 in Contract 20454 with CORE | Headwaters LLC; and authorize the Mayor to sign the Change Order."

The reasons for the recommendation are as follows:

- The City and the project team have made certain project value engineering changes, which will reduce the cost, but not reduce the overall function of the fire station. These include:
 - Reducing the heat demand and need for two of the boilers.
 - Removed redundant IT room cooling.
 - Included wiring for future security systems, but eliminated equipment until needed.
 - Added lights and drywall where needed.

Introduction and History

The City of Ketchum approved the construction of a fire station on November 5, 2020. Since that time, the project team has worked to bring the project to construction. Change Order #5 was developed by the project team to eliminate some redundancy that was engineering in or had duplicate vendors assigned.

Analysis

Change Order #5 will provide for a building with lower cost and the same useability as determined by the project team with input from the Ketchum Fire Department.

Sustainability Impact

Re-engineering the heating system will reduce electrical and gas usage. Reducing some electrical duplication will also provide a slight reduction in electrical use.

Financial Impact

This change order will be funded from project contingency.

Attachments

- Attachment A: Change Order #5 Contract 20454

Project Description: Fire Station CM/GC

Change Order #:005

Effective Date: June 7 2021

Additional Time Granted:0 days

New Contract End Date: Unchanged

Contract Price Impact

Original Contract Price: \$9,320,940.00

Total of Prior Change Orders: \$ 49,839.00

Contract Price Prior to this Change Order: \$9,370,779.00

Increase / (Decrease) of this Change Order: \$ (42,067.00)

Contract Price Incorporating this Change Order: \$ 9,328,712.00

Acceptance

Neil Bradshaw, Mayor
City of Ketchum



Document G701™ – 2017

Change Order

PROJECT: (name and address)

Ketchum Fire Station #1
107 Saddle Road, Ketchum, ID

OWNER: (name and address)

City of Ketchum, Idaho
480 E. Ave. N., PO Box 2315
Ketchum, ID 83340

CONTRACT INFORMATION:

Contract For: Ketchum Fire Station #1
Date:

ARCHITECT: (name and address)

Cole Architects, PLLC
1008 W. Main St.
Boise, ID 83702

CHANGE ORDER INFORMATION:

Change Order Number: 005
Date: June 2, 2021

CONTRACTOR: (name and address)

CORE Headwaters, LLC
900 Jet Stream Drive
Rexburg, ID 83440

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

See attached spreadsheet of nine items.

The original Contract Sum was \$ 9,320,940.00
The net change by previously authorized Change Orders \$ 49,839.00
The Contract Sum prior to this Change Order was \$ 9,370,779.00
The Contract Sum will be decreased by this Change Order in the amount of \$ (42,067.00)
The new Contract Sum, including this Change Order, will be \$ 9,328,712.00
The Contract Time will be unchanged by (0) days.
The new date of Substantial Completion will be

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Cole Architects, PLLC

ARCHITECT (Firm name)

Crystal McColly

SIGNATURE

Crystal McColly, Architect

PRINTED NAME AND TITLE

6/2/21

DATE

CORE Headwaters, LLC

CONTRACTOR (Firm name)

Chris Schratwieser

SIGNATURE

Chris Schratwieser/Senior PM

PRINTED NAME AND TITLE

6/02/2021

DATE

City of Ketchum, Idaho

OWNER (Firm name)

[Signature]

SIGNATURE

PRINTED NAME AND TITLE

DATE

1	ASI-09 Delete CCTV & Security Equipment	\$ (18,845.00)
2	RFI-144 Reduced the Number of Boilers and Associated Piping & Electrical	\$ (22,375.00)
3	RFI-160 Remove Fan Redundancy at both IT Rooms	\$ (13,560.00)
4	RFI-180 Install Hard Lid Ceilings at App Bay Alcoves	\$ 969.00
5	ASI-07 & RFI-167 Revised Casework & Lockers	\$ 8,793.00
6	ASI-08 and RFI-186R Added & Revised Restroom Accessories & Details	\$ 1,884.00
7	Northwood Heated Walkway	\$ 3,200.00
	Northwood Heated Walkway (Contractor's Contingency)	\$ (3,200.00)
8	RFI-163R Added Wall Packs at Doors 102B & 106C	\$ 2,936.00
9	ASI-12 Delete Alerting System Cabling and Conductors	\$ (1,869.00)
Total:		\$ (42,067.00)



Building. Growing. Leading. ...Since 1937.

Budget Evolution Item Summary

City of Ketchum Fire Station #1

Change from CFCI to OFOI CCTV & PA system Equipment

Date: 5/5/2021

Description: CCTV & PA Equipment to be furnished and installed by Owner

SCOPE	SUBCONTRACTOR	AMOUNT
CCTV & PA Equipment to be OFOI	Magic Valley Electric	\$ (17,688.00)
		\$ -
SUBTOTAL:		\$ (17,688.00)
SUBTOTAL reflects direct costs only on the presumption that costs will come from allowances. If costs are reimbursed by Change Order, TOTAL AMOUNT below reflects the SUBTOTAL with add of agreed upon markup in accordance with the change order pricing.		
Bond and Insurance	CORE	\$ (370.00)
CMAR FEE	CORE	\$ (787.00)
Sales Tax	CORE	\$ -
TOTAL AMOUNT:		\$ (18,845.00)

SUBCONTRACTOR CHANGE ORDER REQUEST

Date: 4/23/2021

SUBCONTRACTOR: Magic Valley Electric

PROJECT NAME: Ketchum Fire station

CONTACT: Jimmy Gyorfy

ADDRESS: 395 Railway Street

Jerome, ID 83338

PHONE: 208-944-4931

PROJECT ADDRESS: 107 Saddle Road

Ketchum, ID 83353

THIS IS IN RESPONSE TO: Email from Chris S.

Bulletin #: _____

ASI #: _____

CONTRACTOR: Core Construction

CONTACT: Chris Schratwieser

ADDRESS: 777 North 4th Street

Boise, ID 83702

PHONE: 702-794-0550

VERBAL REQUEST FROM: _____

SUBCONTRACTOR CO#: #7

DESCRIPTION: Deduction change order of PA system Equipment and CCTV system Equipment

LOCATION: _____

DRAWINGS: _____

	Trade Description	Hours	Labor Amt.			Total Cost
LABOR:	Journeyman					0.00
	Apprentice					0.00
						0.00
						0.00
						0.00
	Description	QTY	Unit Price	Sub-Total	Taxes	Total Cost
MATERIAL:	CCTV Camera Equipment	1	9,611.43	9,611.43	0.00	9,611.43
	PA System Equipment	1	8,077.05	8,077.05	0.00	8,077.05
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
	Description	QTY	Unit Price	Sub-Total	Taxes	Total Cost
EQUIPMENT:				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
SUBTOTAL:						17,688.48
GRAND TOTAL:				Total Amount		\$17,688.48

NOTES: _____

Authorized Signature

Date



Building. Growing. Leading. ...Since 1937.

Budget Evolution Item Summary

City of Ketchum Fire Station #1

Wetside Mechanical Downsize RFI-144

Date: 4/1/2021

Description: Reduce the Number of Boilers and associated piping & electrical

SCOPE	SUBCONTRACTOR	AMOUNT
delete boilers and reduce piping size	Evans	\$ (20,545.00)
Reduce electrical with Boiler reduction	Magic Valley Electric	\$ (456.00)
SUBTOTAL:		\$ (21,001.00)
SUBTOTAL reflects direct costs only on the presumption that costs will come from allowances. If costs are reimbursed by Change Order, TOTAL AMOUNT below reflects the SUBTOTAL with add of agreed upon markup in accordance with the change order pricing.		
Bond and Insurance	CORE	\$ (439.00)
CMAR FEE	CORE	\$ (935.00)
Sales Tax	CORE	\$ -
TOTAL AMOUNT:		\$ (22,375.00)

Change Request Proposal

Project:
(name and address)

203600 / CoK FS No. 1
107 Saddle Road
Ketchum, ID 83340

Change request number:

14

Description:

RFI 144 Wetside Mechanical Downsizing

Customer: CORE | Headwaters, LLC

Notice to Proceed

Submitted date:
Received date:
Rough order of magnitude: 0.00

Status: Proposed
Origination date: 03/08/21

Quotation

Submitted date: 03/10/21
Due date:
Submitted amount: -20,545.29
Requested days delay: 0

Notes

Per RFI 144, reduce the number of wetside mechanical boilers from 8 to 6, and reduce the main pipe size from 4" to 2".

Revenue Detail

Billing Item	Description	Revenue
	original mech equip credit	-102,751.77
	revised mech equip cost	86,826.33
	original boiler piping credit	-6,144.27
	revised boiler piping credit	2,244.42
	labor credit -9hrs	-720.00
Total Revenue For CR 14		-20,545.29

Approvals

Customer: CORE | Headwaters, LLC
Authorized Representative: _____
By: _____
Date: _____

Contractor: Evans Plumbing, Inc.
By: _____
Date: _____



MARLEY



Bell & Gossett

LAKOS
Separators and Filtration Solutions**GRITTON & ASSOCIATES, INC.****Quotation No. 2021-2-4-15:19****9476 FAIRVIEW AVENUE****BID DATE: 2/11/2021****BOISE, ID 83704****(208) 202-5887****DATE: 2/11/2021 7:40:12 AM****TERMS: NET 30 DAYS****F.O.B Factory Freight Allowed****JOB: Ketchum Fire Station****TO:***original mech equipment***ATTN:****ENGINEER: None Selected****SALESMAN: Brandon Karren**

We are pleased to quote you on the following equipment for the above job subject to approval. Quantities listed are not guaranteed and should be verified. Prices will be adjusted accordingly. This quotation is subject to change without notice and void after 30 days unless otherwise stated below. All Contracts or Orders are subject to acceptance by the Company and are contingent upon non-occurrence of strikes or other delays beyond their control. In addition to prices named herein, you are to pay any applicable sales taxes.

For complete terms and conditions of sales visit www.gritton.com/termsforsale or send written request for complete terms and conditions.

Qty	Description & Tag	Net Price Ea.	Total Net Price
8	<p>Tag: B-1~8</p> <p>Lochinvar Knight Wall Mount Boiler WHB-399N modulating 5:1 gas fired 399 MBH Input, factory-tested, 439 stainless steel fire-tube condensing boiler. AHR1 94.4% Eff., 80 psi, ASME H, 30# PRV. Factory installed SMART SYSTEM™ control, Multi-Colored Graphic LCD display with Navigation Dial and Soft Keys for, password security, three loop temperature setpoints with outdoor air reset curves, pump delay with freeze protection, pump exercise, DHW prioritization and USB PC port connection. Includes cascade control of up to eight boilers with sequencing options for "lead lag" or "efficiency optimized" modulation logic, with both capable of rotation. Ship wt. 213# Supply voltage shall be 120 volt / 60 hertz / 1 ph. 5K SCCR rating. Water: 1-1/2" Inlet/Outlet, Gas Inlet 3/4" Req. 4-14" w.c. for NG, Req. 8-14" w.c. for LP Direct Vent CAT IV Venting, maximum 100 ft. TEL with 4" Air, 4" Vent.</p> <p>Includes shipped loose with each boiler for field installation/wiring by contractor: - Lochinvar Boiler Pump 120/60/1, Outdoor temp sensor, T&P gauge, air vent,</p>	\$7,116.00	\$56,928.00

	Condensate trap assembly and misc. boiler connection fittings. Quoted per scheduled conditions. Note: Venting & combustion air intake by others.		
8	Tag: B-1~8 1813C29K 2PSI Gas Regulator, 1" NPT, 9/16" orifice, yellow spring, 5.5-8.5" WC, good up to 500 MBH	\$125.00	\$1,000.00
8	Tag: B-1~8 Low Water Cut-Off w/ Manual Reset	\$96.00	\$768.00
1	<p>Start-up by factory authorized Gritton technician. Contractor shall be responsible for, and must confirm, pre start-up preparation. Gritton is not responsible for external controls or incoming utilities. Site utilities must be purged, tested & connected to system prior to start-up visit. Installing contractor must be present and system load available to properly fire boiler(s). Pre-start-up forms must be returned to Gritton. Site conditions outside of our control which require a second trip or additional day of start-up service will be billed at \$180.00 per hour. Start-up requires combustion/CO2 testing, adjust and documentation by qualified technician as per Boiler IOM. Install & Maintenance responsibility is by others. Warranty requires written record of start-up testing and regular maintenance as outlined within IOM. Start-Up may be performed by qualified contractor or is available as stated above.</p> <p>Boiler Notes & Exclusions: Local air quality regulations may require source testing of certain gas fired appliances in order to obtain an operating permit and assure compliance with local emission regulations. The owners or their representative are responsible for meeting all codes and regulations regarding the installation and operation of this equipment. Gritton is not providing source testing with this quotation. Excludes all combustion air piping, flue venting, fuel piping, control and sensor mounting, wiring or connection unless stated otherwise. Price does not include any seismic calculations or supports, coatings other than factory standard or Low NOx requirements unless stated otherwise. Gas train sized for 1/2 psi unless stated otherwise. Burner voltage and site gas pressure to be confirmed at time of order. An approved submittal is required prior to order release. Exposed piping may require field insulation installed to comply with local safety codes. Insulation cannot be factory installed.</p>	\$2,050.00	\$2,050.00
8	Tag: B-1~8 Condensate Neutralization Kits	\$132.00	\$1,056.00
8	Tag: B-1~8 4" Sidewall Vent Kit 100157611	\$95.00	\$760.00

14	Thermometers 9" Adj Alum 30-240	\$35.34	\$494.76
8	B&G CB-1-1/2S, Circuit Setter, Lead-Free brass body with 1-1/2" SWT ends	\$118.00	\$944.00
2	B&G CB-4 Circuit Setter, 4" 125# cast iron valve, Flanged	\$1,560.00	\$3,120.00
2	Tag: HWP-1,2 B&G In-Line Pump Series e-90, Model 2 AAC, BF, 3 HP, 3600 RPM, with 4.25" Impeller, E.P.R. SiC-SiC Seal, U.S. Motors, TEFC, Premium Efficient, 208-230/460/3/60 Motor, 120 GPM, 55 FT TDH	\$1,272.00	\$2,544.00
2	Tag: SMP-1,2 B&G In-Line Pump Series e-90, Model 2 AAC, BF, 3 HP, 3600 RPM, with 4.375" Impeller, E.P.R. SiC-SiC Seal, U.S. Motors, TEFC, Premium Efficient, 208-230/460/3/60 Motor, 150 GPM, 55 FT TDH	\$1,272.00	\$2,544.00
4	Tag: VFD-1-4 ABB VFD 3 HP 208/3	\$1,432.00	\$5,728.00
4	Metraflex model CVOSS904 4" globe style check valve 125#	\$775.00	\$3,100.00
8	Metraflex model BSN0150 1-1/2" Bronze Check Valve	\$85.00	\$680.00
8	Metraflex Double sphere DSEE0400, EPDM body, 4" 150# flanged, less tie rods.	\$175.00	\$1,400.00
10	Metraflex BL03EDINC04, 4" cast iron lug pattern butterfly valve, bronze disc, stainless steel stem, 10 position lever operator	\$130.00	\$1,300.00
4	Metraflex BL03EDINC03, 3" cast iron lug pattern butterfly valve, bronze disc, stainless steel stem, 10 position lever operator	\$98.00	\$392.00
2	Tag: SRS-1,2 B&G SRS-4F Sediment Removal Separator 4 IN. Flange	\$1,530.00	\$3,060.00
	Tag: ET-1,2		

2	Wessels NTA-120 Expansion Tank 70 Gallon	\$1,229.00	\$2,458.00
4	B&G #107A High Capacity Air Vent Cast Iron	\$110.86	\$443.44
2	Tag: CPF-1,2 GTP FB5 Chemical Feeder 5 Gallon	\$400.21	\$800.43
1	Tag: GT-1 GTP GP100-DE4-1 100GL, 1/3 HP 1.3GPM Industrial glycol feed package (30" x 30" x 65") Dual pump system with controls and manifolds	\$5,365.00	\$5,365.00
	Total		\$96,935.63

Note: As no specifications were provided for the following material, we reserve the right to requote once written documentation is provided to us.

+ 6% tax \$5,816.14
\$102,751.77

**MARLEY****Bell & Gossett****LAKOS**
Separators and Filtration Solutions**GRITTON & ASSOCIATES, INC.****Quotation No. 2021-2-4-15:19****9476 FAIRVIEW AVENUE****BID DATE: 2/24/2021****BOISE, ID 83704****(208) 202-5887****DATE: 2/24/2021 3:29:12 PM****TERMS: NET 30 DAYS****F.O.B Factory Freight Allowed****JOB: Ketchum Fire Station****TO:***revised mech. equipment***ATTN:****ENGINEER: None Selected****SALESMAN: Brandon Karren**

We are pleased to quote you on the following equipment for the above job subject to approval. Quantities listed are not guaranteed and should be verified. Prices will be adjusted accordingly. This quotation is subject to change without notice and void after 30 days unless otherwise stated below. All Contracts or Orders are subject to acceptance by the Company and are contingent upon non-occurrence of strikes or other delays beyond their control. In addition to prices named herein, you are to pay any applicable sales taxes.

For complete terms and conditions of sales visit www.gritton.com/termsandsale or send written request for complete terms and conditions.

Qty	Description & Tag	Net Price Ea.	Total Net Price
6	<p>Tag: B-1~8</p> <p>Lochinvar Knight Wall Mount Boiler WHB-399N modulating 5:1 gas fired 399 MBH Input, factory-tested, 439 stainless steel fire-tube condensing boiler. AHRI 94.4% Eff., 80 psi, ASME H, 30# PRV. Factory installed SMART SYSTEM™ control, Multi-Colored Graphic LCD display with Navigation Dial and Soft Keys for, password security, three loop temperature setpoints with outdoor air reset curves, pump delay with freeze protection, pump exercise, DHW prioritization and USB PC port connection. Includes cascade control of up to eight boilers with sequencing options for "lead lag" or "efficiency optimized" modulation logic, with both capable of rotation. Ship wt. 213# Supply voltage shall be 120 volt / 60 hertz / 1 ph. 5K SCCR rating. Water: 1-1/2" Inlet/Outlet, Gas Inlet 3/4" Req. 4-14" w.c. for NG, Req. 8-14" w.c. for LP Direct Vent CAT IV Venting, maximum 100 ft. TEL with 4" Air, 4" Vent.</p> <p>Includes shipped loose with each boiler for field installation/wiring by contractor: - Lochinvar Boiler Pump 120/60/1, Outdoor temp sensor, T&P gauge, air vent,</p>	\$7,116.00	\$42,696.00

	Condensate trap asesmbly and misc. boiler connection fittings. Quoted per scheduled conditions. Note: Venting & combustion air intake by others.		
6	Tag: B-1~8 1813C29K 2PSI Gas Regulator, 1" NPT, 9/16" orifice, yellow spring, 5.5-8.5" WC, good up to 500 MBH	\$125.00	\$750.00
6	Tag: B-1~8 Low Water Cut-Off w/ Manual Reset	\$96.00	\$576.00
1	<p>Start-up by factory authorized Gritton technician. Contractor shall be responsible for, and must confirm, pre start-up preparation. Gritton is not responsible for external controls or incoming utilities. Site utilities must be purged, tested & connected to system prior to start-up visit. Installing contractor must be present and system load available to properly fire boiler(s). Pre-start-up forms must be returned to Gritton. Site conditions outside of our control which require a second trip or additional day of start-up service will be billed at \$180.00 per hour. Start-up requires combustion/CO2 testing, adjust and documentation by qualified technician as per Boiler IOM. Install & Maintenance responsibility is by others. Warranty requires written record of start-up testing and regular maintenance as outlined within IOM. Start-Up may be performed by qualified contractor or is available as stated above.</p> <p>Boiler Notes & Exclusions: Local air quality regulations may require source testing of certain gas fired appliances in order to obtain an operating permit and assure compliance with local emission regulations. The owners or their representative are responsible for meeting all codes and regulations regarding the installation and operation of this equipment. Gritton is not providing source testing with this quotation. Excludes all combustion air piping, flue venting, fuel piping, control and sensor mounting, wiring or connection unless stated otherwise. Price does not include any seismic calculations or supports, coatings other than factory standard or Low NOx requirements unless stated otherwise. Gas train sized for 1/2 psi unless stated otherwise. Burner voltage and site gas pressure to be confirmed at time of order. An approved submittal is required prior to order release. Exposed piping may require field insulation installed to comply with local safety codes. Insulation cannot be factory installed.</p>	\$2,050.00	\$2,050.00
6	Tag: B-1~8 Condensate Neutralization Kits	\$132.00	\$792.00
6	Tag: B-1~8 4" Sidewall Vent Kit 100157611	\$95.00	\$570.00

14	Thermometers 9" Adj Alum 30-240	\$35.34	\$494.76
6	B&G CB-1-1/2S, Circuit Setter, Lead-Free brass body with 1-1/2" SWT ends	\$118.00	\$708.00
1	B&G CB-4 Circuit Setter, 4" 125# cast iron valve, Flanged	\$1,560.00	\$1,560.00
1	B&G CB-2S Circuit Setter, Lead-Free brass body with 2" SWT ends	\$150.00	\$150.00
2	Tag: HWP-1,2 B&G In-Line Pump Series e-90, Model 1.25 AAB, BF, 2 HP, 3600 RPM, with 4" Impeller, Standard Seal, , U.S. Motors, TEFC, Premium Efficient, 208-230/460/3/60 Motor, 30 gpm, 55 ft	\$1,110.00	\$2,220.00
2	Tag: SMP-1,2 B&G In-Line Pump Series e-90, Model 2 AAC, BF, 3 HP, 3600 RPM, with 4.375" Impeller, E.P.R. SiC-SiC Seal, U.S. Motors, TEFC, Premium Efficient, 208-230/460/3/60 Motor, 150 GPM, 55 FT TDH	\$1,272.00	\$2,544.00
2	Tag: VFD-1-2 ABB VFD 2 HP 208/3	\$1,432.00	\$2,864.00
2	Tag: VFD-3-4 ABB VFD 3 HP 208/3	\$1,432.00	\$2,864.00
2	Metraflex model CVOSS904 4" globe style check valve 125#	\$775.00	\$1,550.00
2	Metraflex model BSN0200 2" Bronze Check Valve	\$147.00	\$294.00
6	Metraflex model BSN0150 1-1/2" Bronze Check Valve	\$85.00	\$510.00
4	Metraflex Double sphere DSEE0400, EPDM body, 4" 150# flanged, less tie rods.	\$175.00	\$700.00
4	Metraflex Double sphere DSEE0200, EPDM body, 2" 150# flanged, less tie rods.	\$110.00	\$440.00
5	Metraflex BL03EDINC04, 4" cast iron lug pattern butterfly	\$130.00	\$650.00

	valve, bronze disc, stainless steel stem, 10 position lever operator		
4	Metraflex BL03EDINC03, 3" cast iron lug pattern butterfly valve, bronze disc, stainless steel stem, 10 position lever operator	\$98.00	\$392.00
1	Tag: SRS-2 B&G SRS-4F Sediment Removal Separator 4 IN. Flange	\$1,530.00	\$1,530.00
1	Tag: SRS-1 B&G EAS-2 Enhanced Air Separator 2 IN. NPT	\$575.00	\$575.00
2	Tag: ET-1,2 Wessels NTA-120 Expansion Tank 70 Gallon	\$1,229.00	\$2,458.00
4	B&G #107A High Capacity Air Vent Cast Iron	\$110.86	\$443.44
2	Tag: CPF-1,2 GTP FB5 Chemical Feeder 5 Gallon	\$400.21	\$800.43
2	Tag: GT-1 GTP GP100-DE4-1 100GL, 1/3 HP 1.3GPM Industrial glycol feed package (30" x 30" x 65") Dual pump system with controls and manifolds	\$5,365.00	\$10,730.00
	Total		\$81,911.63

Note: As no specifications were provided for the following material, we reserve the right to requote once written documentation is provided to us.

+ 6% tax \$4,914.70
\$86,826.33



FEL #3057
2150 ELDRIDGE AVE
TWIN FALLS, ID 83301-0000

Phone: 208-733-3770
Fax: 208-736-7248

Deliver To: 51229
From: Jessy Lawrence
Comments:

12:52:23 MAR 08 2021

Page 1 of 2

FERGUSON ENTERPRISES #3007
Price Quotation
Phone: 208-733-3770
Fax: 208-736-7248

original boiler piping

Bid No: B562336
Bid Date: 03/08/21
Quoted By: ST

Cust Phone: 208-726-5261
Terms: NET 10TH PROX

Customer: EVANS PLUMBING
KETCHUM FIRE STATION
COMMERICAL JOB ACCOUNT
111 GULF STREAM LANE
HAILEY, ID 83333

Ship To: EVANS PLUMBING
KETCHUM FIRE STATION
COMMERICAL JOB ACCOUNT
111 GULF STREAM LANE
HAILEY, ID 83333

Cust PO#: COPPER ADDS

Job Name: KETCHUM FIRE STATION

Item	Description	Quantity	Net Price	UM	Total
CTMMJ	3X3X1-1/2 WROT CXCXC TEE FROM OUR DISTRO CENTER	8	45.630	EA	365.04
CCAPM	3 WROT COP CAP 3-1/8 OD FROM OUR DISTRO CENTER	2	21.370	EA	42.74
C9M	3 WROT CXC 90 ELL 3-1/8 OD	6	30.130	EA	180.78
FNWX411CM	LF 3 BRS 600# 2PC SWT FP BV POTABLE @ OUR DISTRO CENTER	2	157.998	EA	316.00
CTMMF	3X3X3/4 WROT CXCXC TEE AVAIL @ OUR DISTRO CENTER	4	45.630	EA	182.52
FNW421P	*NLA *NP 4 BRS 600# WOG SWT 2PC FP LIMITED STOCK @ OUR DISTRO CNTR	2	329.425	EA	658.85
CTPPM	4X4X3 WROT CXCXC TEE AVAIL @ OUR DISTRO CENTER	2	90.300	EA	180.60
C9P	4 WROT CXC 90 ELL 4-1/8 OD AVAIL @ OUR DISTRO CENTER	4	66.000	EA	264.00
LHARDM20	3 X 20 L HARD COP TUBE FROM OUR PIPE DISTRO	80	2453.220	C	1962.58
LHARDP20	4 X 20 L HARD COP TUBE FROM OUR PIPE DISTRO	40	4108.440	C	1643.38

Net Total: \$5796.49
Tax: \$347.78
Freight: \$0.00
Total: \$6144.27



HOW ARE WE DOING? WE WANT YOUR FEEDBACK!

Scan the QR code or use the link below to
complete a survey about your bids:

<https://survey.medallia.com/?bidsorder&fc=3149&on=1234752>



FERGUSON ENTERPRISES #3680
318 6TH STREET N
NAMPA, ID 83687-3009

Phone: 208-466-8907
Fax: 208-466-8900

Deliver To: 51229

From: Tre Kohler

Comments:

14:02:04 MAR 08 2021

FERGUSON ENTERPRISES #3007

Price Quotation

Phone: 208-466-8907

Fax: 208-466-8900

revised boiler piping

Page 1 of 1

Bid No: B562943
Bid Date: 03/08/21
Quoted By: TCK

Cust Phone: 208-726-5261
Terms: NET 10TH PROX

Customer: EVANS PLUMBING
KETCHUM FIRE STATION
COMMERICAL JOB ACCOUNT
111 GULF STREAM LANE
HAILEY, ID 83333

Ship To: EVANS PLUMBING
KETCHUM FIRE STATION
COMMERICAL JOB ACCOUNT
111 GULF STREAM LANE
HAILEY, ID 83333

Cust PO#: KETCHUM FIRE STATION

Job Name: KETCHUM FIRE STATION

Item	Description	Quantity	Net Price	UM	Total
CTKKJ	2X2X1-1/2 WROT CXCXC TEE	8	28.782	EA	230.26
CCAPK	2 WROT COP CAP 2-1/8 OD	2	10.262	EA	20.52
C9K	2 WROT CXC 90 ELL 2-1/8 OD	6	20.934	EA	125.60
FNWX411CK	LF 2 BRS 600# 2PC SWT FP BV	4	51.118	EA	204.47
CTK	2 WROT CXCXC TEE 2-1/8 OD	2	36.954	EA	73.91
LHARDK20	2 X 20 L HARD COP TUBE	120	1218.840	C	1462.61
BID GOOD FOR 30 DAYS					
SUBJECT TO PRIOR SALE					
LEAD TIMES VARY					
SUBJECT TO FRT CHARGESE					

Net Total: \$2117.37
Tax: \$127.05
Freight: \$0.00
Total: \$2244.42

Quoted prices are based upon receipt of the total quantity for immediate shipment (48 hours). SHIPMENTS BEYOND 48 HOURS SHALL BE AT THE PRICE IN EFFECT AT TIME OF SHIPMENT UNLESS NOTED OTHERWISE. QUOTES FOR PRODUCTS SHIPPED FOR RESALE ARE NOT FIRM UNLESS NOTED OTHERWISE.

CONTACT YOUR SALES REPRESENTATIVE IMMEDIATELY FOR ASSISTANCE WITH DBE/MBE/WBE/SMALL BUSINESS REQUIREMENTS.

Seller not responsible for delays, lack of product or increase of pricing due to causes beyond our control, and/or based upon Local, State and Federal laws governing type of products that can be sold or put into commerce. This Quote is offered contingent upon the Buyer's acceptance of Seller's terms and conditions, which are incorporated by reference and found either following this document, or on the web at <https://www.ferguson.com/content/website-info/terms-of-sale>
Govt Buyers: All items are open market unless noted otherwise.

LEAD LAW WARNING: It is illegal to install products that are not "lead free" in accordance with US Federal or other applicable law in potable water systems anticipated for human consumption. Products with "NP" in the description are NOT lead free and can only be installed in non-potable applications. Buyer is solely responsible for product selection.



HOW ARE WE DOING? WE WANT YOUR FEEDBACK!

Scan the QR code or use the link below to
complete a survey about your bids:

<https://survey.medallia.com/?bidsorder&fc=3149&on=1234752>

SUBCONTRACTOR CHANGE ORDER REQUEST

Date: 3/25/2021

SUBCONTRACTOR: Magic Valley Electric

PROJECT NAME: Ketchum Fire station

CONTACT: Jimmy Gyorfy

ADDRESS: 395 Railway Street

Jerome, ID 83338

PHONE: 208-944-4931

PROJECT ADDRESS: 107 Saddle Road

Ketchum, ID 83353

THIS IS IN RESPONSE TO: RFI#CC-144R1

Bulletin #:

ASI #:

CONTRACTOR: Core Construction

CONTACT: Chris Schratwieser

ADDRESS: 777 North 4th Street

Boise, ID 83702

PHONE: 702-794-0550

VERBAL REQUEST FROM:

SUBCONTRACTOR CO#:

DESCRIPTION: Remove all electrical connections to Boiler #3 & #4, down size conductors to HWP-1 and HWP-2 from #10 to #12 wire, & changing breakers 2-3pole 30amp to 2-3pole 20amp

LOCATION: Ketchum Fire Station/Mechanical Room

DRAWINGS: E4.03 Dated 2/23/21

	Trade Description	Hours	Labor Amt.			Total Cost
LABOR:	Journeyman	8	70.00			560.00
	Apprentice	8	60.00			480.00
						0.00
						0.00
						0.00
	Description	QTY	Unit Price	Sub-Total	Taxes	Total Cost
MATERIAL:	conduit, boxes, & devices	1	168.37	168.37	10.10	178.47
	Breakers from 30amp to 20amp	2	(375.00)	(750.00)	(45.00)	(795.00)
	changing wire #10 to wire #12	280	0.11	30.80	1.85	32.65
				0.00	0.00	0.00
				0.00	0.00	0.00
	Description	QTY	Unit Price	Sub-Total	Taxes	Total Cost
EQUIPMENT:				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
SUBTOTAL:						456.12
GRAND TOTAL:		CREDIT BACK		Total Amount		\$456.12

NOTES:

Authorized Signature

Date



Regional office for CORE NV company
777 N 4th St
Bosie, Idaho 83702

Project: 90-20-01-006 - CoK - City of Ketchum Fire Station
107 Saddle Road
Ketchum, Idaho 83340

Opportunity to Remove Boiler from Mech Rm

TO:	Alex Goedhart (Cole Architects) Crystal McColly (Cole Architects)	FROM:	JT Brown (CORE Construction - Las Vegas) 777 N Fourth St Boise, Idaho 83702
DATE INITIATED:	02/17/2021	STATUS:	Open
LOCATION:		DUE DATE:	02/24/2021
PROJECT STAGE:	Course of Construction	COST CODE:	
COST IMPACT:		SCHEDULE IMPACT:	
DRAWING NUMBER:	M1.02, M1.05, M7.00	SPEC SECTION:	
LINKED DRAWINGS:		REFERENCE:	
RECEIVED FROM:	Vic Hulett (Evans Plumbing Incorporated (EPI))		

COPIES TO:

Eric Bertovich (**City of Ketchum**), JT Brown (**CORE Construction - Las Vegas**), Cary Goldberg (**DPPM Project Management**), C.J. Gorringer (**Thornton Heating & Sheetmetal**), Jimmy Gyorfy (**Magic Valley Electric**), Lex Howard (**Magic Valley Electric**), Vic Hulett (**Evans Plumbing Incorporated (EPI)**), Bill McLaughlin (**City of Ketchum**), Dennis Potts (**DPPM Project Management**), Chris Schratwieser (**CORE Construction - Las Vegas**), Matt Sylvester (**CORE Construction - Las Vegas**), Brett Traylor (**Evans Plumbing Incorporated (EPI)**)

Question from JT Brown (CORE Construction - Las Vegas) at 07:05 AM on 02/17/2021

In the Apparatus Bay the Supply Fan SF-1 was changed to a Penthouse Fan PH-1 in ASI #2, however the Hot Water Coil HWC-1 was not deleted. Please confirm the HSC-1 is not required with the PH-1 and if it can be deleted does the hot water demand go down enough to delete a boiler (one of Boiler1-4) from the mechanical room?

Awaiting an Official Response

Yes, HWC-1 can be removed as part of ASI#2. While reviewing the Radiant Floor system it was discovered that HWC-1 made up a majority of the heating and flow requirements in that system. Now that HWC-1 is gone we have reduced the number of boilers used, downsized the supply pumps and reduced pipe size. We have omitted boilers 3 and 4 from the project (along with pumps BP-3 and BP-4) and we have reselected HWP-1 and HWP-2 to provide 30 gpm at 55' of head along with reducing the main pipe sizing from a 4"Ø to a 2"Ø. Please see the updated sheets attached with changes to the Radiant Floor Hot Water Piping Schematic, updated Boiler and Pump schedules along with the removal of the schedule for the removed hot water coil.

Contractor is to present all changes as a cost savings to the owner.

See attached updated sheets M2.00 - Hydronic Piping Schematics & M4.03 - HVAC Schedules.

Austin Hall
Musgrove Engineering
2/24/2021

Electrical Response (see attached drawings):

E4.03 - Removed electrical connections to Boilers #3 and #4. Changed wires sizes for HWP-1 and HWP-2 from #10's to #12's.

E9.02 - Changed circuit breakers (2,4,6) and (8,10,12) from 30A/3P to 20A/3P.

Greg Bartholomew
Musgrove Engineering
3/15/2021

BY

DATE

COPIES TO

GENERAL NOTES (RADIANT FLOOR):

- A. SEE SPECIFICATION DIVISION 230100 FOR PIPING SYSTEM REQUIREMENTS.
- B. SCHEMATIC IS FOR GENERAL INFORMATION (PIPE SIZES, VALVE TYPE AND LOCATIONS, AND OTHER PIPING COMPONENTS). SEE FLOOR PLANS FOR LAYOUT AND ROUTING. REFER TO THE EQUIPMENT MANUFACTURER'S INSTALLATION MANUALS FOR SPECIFIC REQUIREMENTS.
- C. PROVIDE AIR VENTS AT ALL HIGH POINTS IN SYSTEM. ALL AIR VENTS LOCATED IN MECHANICAL ROOM SHALL BE AUTOMATIC AIR VENTS PIPED TO DRAIN. ALL OTHER AIR VENTS SHALL BE MANUAL.
- D. SUPPORT PIPING INDEPENDENTLY OF EQUIPMENT CONNECTION.
- E. ALL EQUIPMENT SHALL BE SECURED TO HOUSEKEEPING PADS.
- F. ALL VALVES SHALL BE LOCATED IN ACCESSIBLE LOCATIONS.
- G. KEEP PIPING HIGH IN THE SPACE AND OUT OF NORMAL WALKING AND WORK AREAS.

KEYED NOTES (RADIANT FLOOR):

- SYMBOL USED FOR NOTE CALLOUT:
1. WALL MOUNTED BOILER.
 2. REFER TO EXPANSION TANK PIPING DETAIL FOR ADDITIONAL REQUIREMENTS.
 3. REFER TO THE GLYCOL MAKE-UP PACKAGE DETAIL FOR ADDITIONAL REQUIREMENTS.
 4. REFER TO THE POT FEEDER DETAIL FOR ADDITIONAL REQUIREMENTS.
 5. B&G HIGH VELOCITY AIR VENT. MODEL 107A. (TYPICAL)
 6. CHECK VALVE.
 7. 1/2" WATER METER.
 8. PROVIDE WITH MANUFACTURER'S CONCENTRIC VENT KIT.

CONTROL NOTES (RADIANT FLOOR):

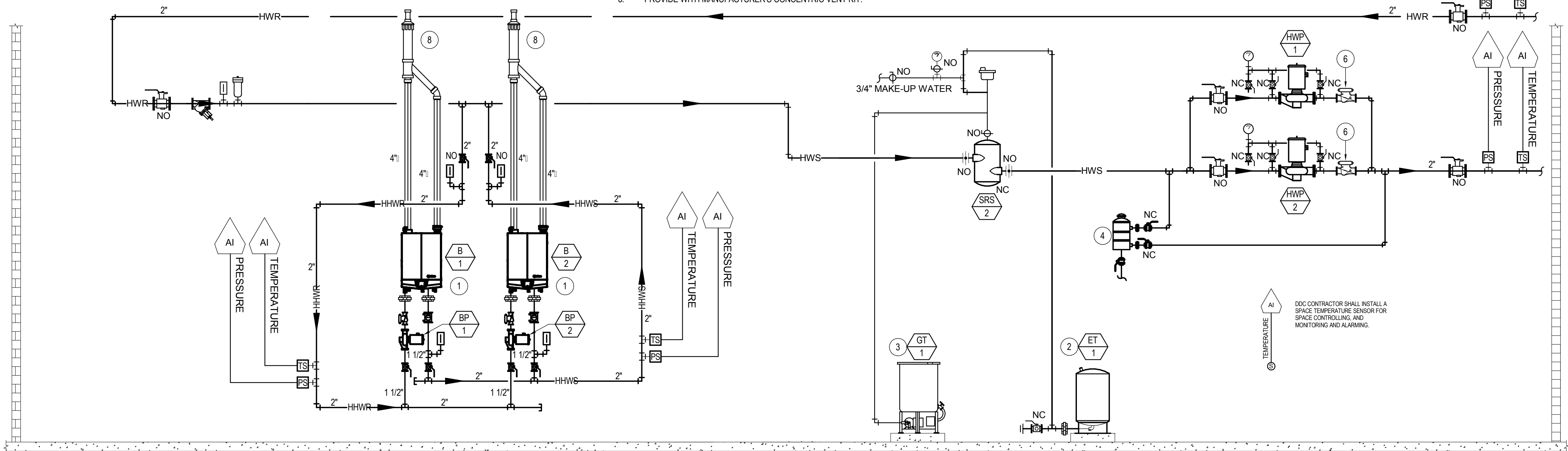
THE RADIANT HEAT LOOP SYSTEM SHALL CONSIST OF A HOT WATER BOILER PLANT WITH PRIMARY AND SECONDARY PUMPS.

PUMPS:
THE SECONDARY PUMP SHALL RUN WHEN COMMANDED ON BY THE SPACE TEMPERATURE SENSOR AND THE WHEN THE OUTSIDE AIR TEMPERATURE IS 50°F (ADJUSTABLE) OR BELOW. THE PUMP SHALL HAVE A MINIMUM RUN TIME OF 1 HOUR WHENEVER STARTED. IF THE PUMP FAILS TO PROVE STATUS AN ALARM WILL BE GENERATED AT THE OPERATORS WORKSTATION.

BOILERS:
WHEN THE SECONDARY PUMP IS ENERGIZED AS NOTED ABOVE AND THERE IS A FALL OF SUPPLY WATER TEMPERATURE BELOW (80°F) SETPOINT (ADJUSTABLE) THE RADIANT BOILER PLANT WILL BE ENABLED. USING PID CONTROL, THE BOILER PLANT WILL MAINTAIN THE SUPPLY WATER SETPOINT AND THE PRIMARY PUMP SHALL BE ENERGIZED.

THE PUMPS AND BOILER PLANT SHALL NOT OPERATE IF THERE IS NOT A CALL FOR SPACE HEATING AND THE OUTSIDE AIR TEMPERATURE IS ABOVE 50°F (ADJUSTABLE).

ONCE ACTIVATED INTO THE RADIANT SYSTEM WILL CONTINUE TO RUN FOR 1 HOUR (ADJUSTABLE) AFTER THE AMBIENT TEMPERATURE RISES ABOVE 50°F OR THERE IS NO MORE CALL FOR HEATING.



1 RADIANT FLOOR HOT WATER PIPING SCHEMATIC

SCALE: NOT TO SCALE

GENERAL NOTES (SNOW MELT):

- A. SEE SPECIFICATION DIVISION 230100 FOR PIPING SYSTEM REQUIREMENTS.
- B. SCHEMATIC IS FOR GENERAL INFORMATION (PIPE SIZES, VALVE TYPE AND LOCATIONS, AND OTHER PIPING COMPONENTS). SEE FLOOR PLANS FOR LAYOUT AND ROUTING. REFER TO THE EQUIPMENT MANUFACTURER'S INSTALLATION MANUALS FOR SPECIFIC REQUIREMENTS.
- C. PROVIDE AIR VENTS AT ALL HIGH POINTS IN SYSTEM. ALL AIR VENTS LOCATED IN MECHANICAL ROOM SHALL BE AUTOMATIC AIR VENTS PIPED TO DRAIN. ALL OTHER AIR VENTS SHALL BE MANUAL.
- D. SUPPORT PIPING INDEPENDENTLY OF EQUIPMENT CONNECTION.
- E. ALL EQUIPMENT SHALL BE SECURED TO HOUSEKEEPING PADS.
- F. ALL VALVES SHALL BE LOCATED IN ACCESSIBLE LOCATIONS.
- G. KEEP PIPING HIGH IN THE SPACE AND OUT OF NORMAL WALKING AND WORK AREAS.

KEYED NOTES (SNOW MELT):

- SYMBOL USED FOR NOTE CALLOUT:
1. WALL MOUNTED BOILER.
 2. REFER TO EXPANSION TANK PIPING DETAIL FOR ADDITIONAL REQUIREMENTS.
 3. REFER TO THE GLYCOL MAKE-UP PACKAGE DETAIL FOR ADDITIONAL REQUIREMENTS.
 4. REFER TO THE POT FEEDER DETAIL FOR ADDITIONAL REQUIREMENTS.
 5. B&G HIGH VELOCITY AIR VENT. MODEL 107A. (TYPICAL)
 6. CHECK VALVE.
 7. 1/2" WATER METER.
 8. PROVIDE WITH MANUFACTURER'S CONCENTRIC VENT KIT.

CONTROL NOTES (SNOW MELT):

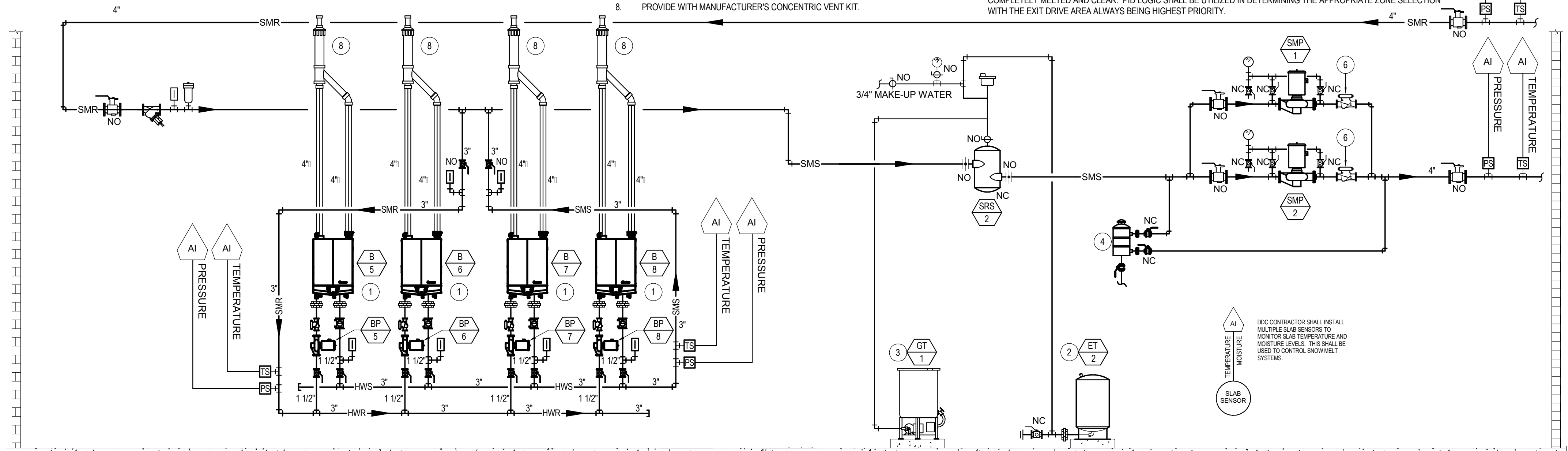
THE SNOW MELT LOOP SYSTEM SHALL CONSIST OF A HOT WATER BOILER PLANT WITH PRIMARY AND SECONDARY PUMPS.

PUMPS:
THE SECONDARY PUMP SHALL RUN WHEN COMMANDED ON BY MOISTURE FROM THE SLAB SENSOR AND THE WHEN THE OUTSIDE AIR TEMPERATURE IS 35°F (ADJUSTABLE) OR BELOW. THE PUMP SHALL HAVE A MINIMUM RUN TIME OF (30) MINUTES WHENEVER STARTED. IF THE PUMP FAIL TO PROVE STATUS AN ALARM WILL BE GENERATED AT THE OPERATORS WORKSTATION.

BOILERS:
WHEN THE SECONDARY PUMP IS ENERGIZED AS NOTED ABOVE AND THERE IS A FALL OF SUPPLY WATER TEMPERATURE BELOW (95°F) SETPOINT (ADJUSTABLE) THE HEATING BOILER WILL BE MODULATED USING PID CONTROL TO MAINTAIN SUPPLY WATER SETPOINT AND THE PRIMARY PUMP SHALL ENERGIZE.

THE PUMPS AND BOILER SHALL NOT OPERATE IF THERE IS NOT A SENSE OF MOISTURE FROM THE MOISTURE SENSOR AND THE OUTSIDE AIR TEMPERATURE IS ABOVE 35°F (ADJUSTABLE).

ONCE ACTIVATED INTO THE SNOW MELT MODE THE SYSTEM WILL ROTATE THE ACTIVE ZONE VALVES UNTIL ALL ZONES ARE COMPLETELY MELTED AND CLEAR. PID LOGIC SHALL BE UTILIZED IN DETERMINING THE APPROPRIATE ZONE SELECTION WITH THE EXIT DRIVE AREA ALWAYS BEING HIGHEST PRIORITY.



2 SNOW MELT PIPING SCHEMATIC

SCALE: NOT TO SCALE

COLE
ARCHITECTS

1008 W Main St
Boise, Idaho 83702
208-345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC

T C A

ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3620

STAMP

CONSULTANT

ME MUSGROVE
ENGINEERING, P.A.

234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



KETCHUM FIRE
STATION

107 SADDLE ROAD, KETCHUM ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE 6/19/2020

JOB NUMBER 18-022

MARK	DATE	DESCRIPTION
22	2/23/21	RFI #144

SHEET NAME

HYDRONIC PIPING
SCHEMATICS

SHEET NUMBER

M2.00

CONDENSING HOT WATER BOILER SCHEDULE											
SYMBOL	AREA SERVED	THERMAL EFFICIENCY	FUEL	EWT (°F)	LWT (°F)	BOILER FLOW (GPM)	MAX P.D. (FT H ₂ O)	CAPACITY		MANUFACTURER AND MODEL	REMARKS
								INPUT MBH	OUTPUT MBH		
B-1	APPARATUS BAY	96	NATURAL GAS	90	110	38	14	399	349	XPAK 398A	1, 2, 3, 4, 5
B-2	APPARATUS BAY	96	NATURAL GAS	90	110	38	14	399	349	XPAK 398A	1, 2, 3, 4, 5
B-5	SNOW MELT SYSTEM	96	NATURAL GAS	80	100	38	14	399	349	XPAK 398A	1, 2, 3, 4, 5
B-6	SNOW MELT SYSTEM	96	NATURAL GAS	80	100	38	14	399	349	XPAK 398A	1, 2, 3, 4, 5
B-7	SNOW MELT SYSTEM	96	NATURAL GAS	80	100	38	14	399	349	XPAK 398A	1, 2, 3, 4, 5
B-8	SNOW MELT SYSTEM	96	NATURAL GAS	80	100	38	14	399	349	XPAK 398A	1, 2, 3, 4, 5

REMARKS:

- APPROVED ALTERNATE MANUFACTURERS: FULTON, LOCHINVAR, CLEAVER BROOKS CLEARFIRE, BUDERUS LOGANO, VIESSMANN VITOCROSSAL 300, LAARS, AERCO BENCHMARK, NTI.
- PROVIDE BOILER VENTING KIT, NEUTRALIZING KIT, COMBUSTION AIR INTAKE KIT, LOW WATER CUT-OFF, FLOW SWITCH, MODULATING GAS BURNER, CONDENSATE TRAP, 316L STAINLESS STEEL COMBUSTION CHAMBER, EXHAUST PIPE, CSD-1 AND OSA RESET.
- BOILER SHALL BE PROVIDED WIFACTORY START-UP. START-UP IS NOT COMPLETE UNTIL ALL BURNERS AND BLOWER ARE CALIBRATED FOR PEAK PERFORMANCE AND AT COMPLETION OF PROJECT ALL BURNERS, BLOWERS, HEAT EXCHANGERS, AND OTHER INTERNAL PARTS SHALL BE THOROUGHLY CLEANED OF CONSTRUCTION DEBRIS.
- PROVIDE WITH TACO 0012, 1/8 HP PRIMARY PUMP. 120V CONNECTION PROVIDED BY ELECTRICAL.
- PROVIDE ON-BOARD BOILER CONTROLS WITH BACNET INTERFACE.

PUMP SCHEDULE														
SYMBOL	SYSTEM SERVED	TYPE	CAPACITY				MOTOR			SUCTION DIFFUSER	TRIPLE DUTY VALVE	OPERATING WEIGHT (LBS)	MANUFACTURER AND MODEL	REMARKS
			FLOW (GPM)	HEAD (FT)	EWT (°F)	MIN EFF	HP	RPM	V/Ø					
HWP-1	RADIANT FLOOR SYSTEM	INLINE MOUNTED	30	55	110	56	2	3600	208/3	N/A	N/A	85	B&G SERIES E-90	1, 2, 4
HWP-2	RADIANT FLOOR SYSTEM	INLINE MOUNTED	30	55	110	56	2	3600	208/3	N/A	N/A	85	B&G SERIES E-90	1, 2, 4
SMP-1	SNOWMELT BOILER SYSTEM	INLINE MOUNTED	150	55	70	64	3	1750	208/3	N/A	N/A	85	B&G SERIES E-90	1, 2, 4
SMP-2	SNOWMELT BOILER SYSTEM	INLINE MOUNTED	150	55	70	64	3	1750	208/3	N/A	N/A	85	B&G SERIES E-90	1, 2, 4
BP-1	BOILER PUMP	INLINE MOUNTED	N/A	N/A	N/A	N/A	1/8	3250	120/1	N/A	N/A	13	TACO 0012	5
BP-2	BOILER PUMP	INLINE MOUNTED	N/A	N/A	N/A	N/A	1/8	3250	120/1	N/A	N/A	13	TACO 0012	5
BP-5	BOILER PUMP	INLINE MOUNTED	N/A	N/A	N/A	N/A	1/8	3250	120/1	N/A	N/A	13	TACO 0012	5
BP-6	BOILER PUMP	INLINE MOUNTED	N/A	N/A	N/A	N/A	1/8	3250	120/1	N/A	N/A	13	TACO 0012	5
BP-7	BOILER PUMP	INLINE MOUNTED	N/A	N/A	N/A	N/A	1/8	3250	120/1	N/A	N/A	13	TACO 0012	5
BP-8	BOILER PUMP	INLINE MOUNTED	N/A	N/A	N/A	N/A	1/8	3250	120/1	N/A	N/A	13	TACO 0012	5

REMARKS:

- APPROVED ALTERNATE MANUFACTURERS: ARMSTRONG, GRUNDFOS, TACO, WILO, PACO, PEERLESS, PATTERSON.
- PROVIDE UNIT WITH PREMIUM EFFICIENCY MOTOR.
- NOT USED.
- PUMP SELECTION MADE BASED ON 30% PROPYLENE GLYCOL AND 70% WATER.
- 120V CONNECTION PROVIDED BY ELECTRICAL.



1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC



ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3620

STAMP

CONSULTANT



234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



KETCHUM FIRE
STATION

107 SADDLE ROAD, KETCHUM ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE 6/19/2020

JOB NUMBER 18-022

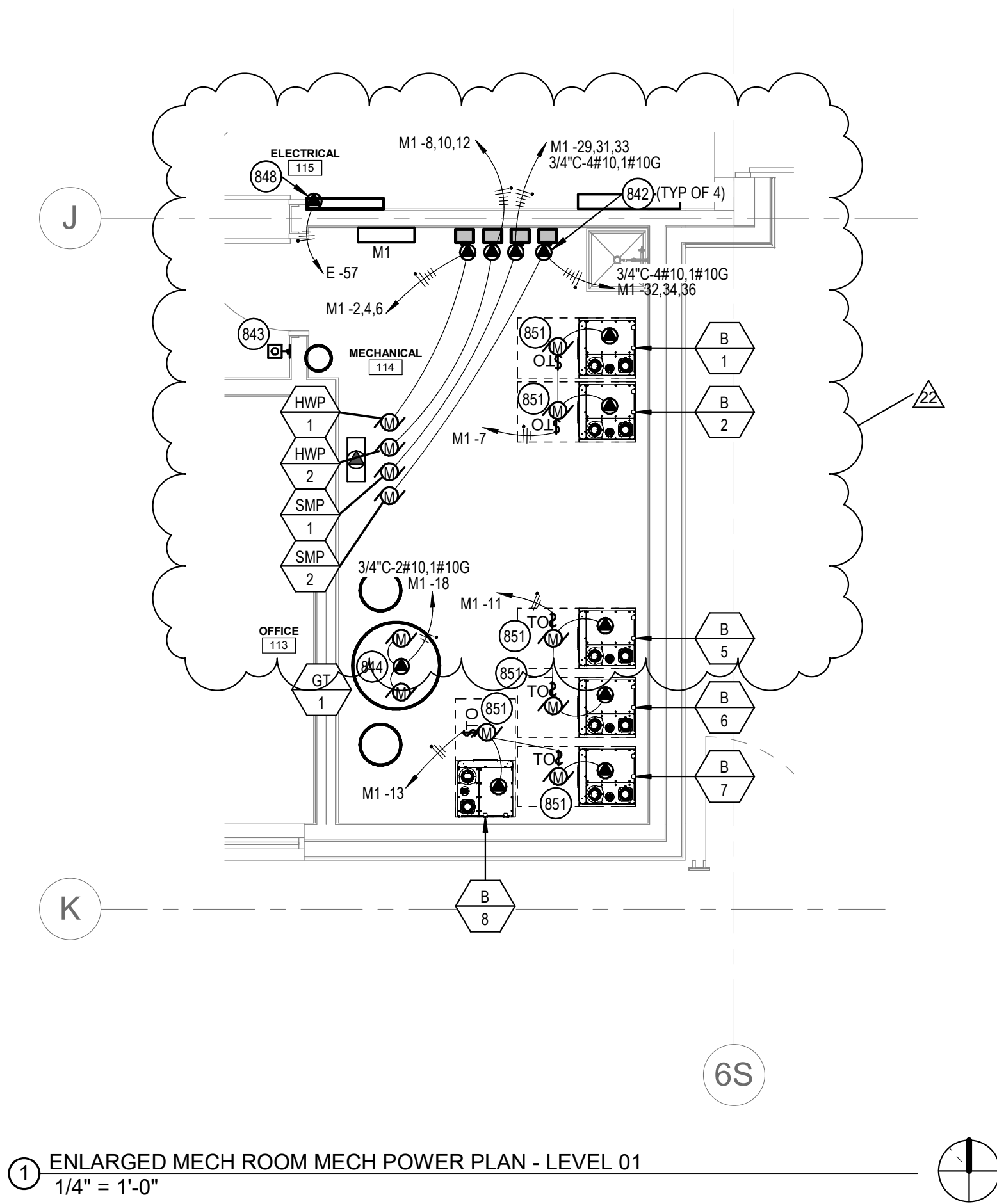
MARK	DATE	DESCRIPTION
2	8/17/20	ASI #2
22	2/23/21	RFI #144

SHEET NAME

HVAC SCHEDULES

SHEET NUMBER

M4.03



KEYED NOTES:

- 842 VFD FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR AND TERMINATED BY ELECTRICAL CONTRACTOR. FURNISH AND INSTALL CONDUIT AND CONDUCTORS NOTED FROM THE PUMP TO THE VFD AND THEN TO THE PANELBOARD AND CIRCUITS NOTED. COORDINATE WITH MECHANICAL CONTRACTOR AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION. FURNISH AND INSTALL ALL ELECTRICAL REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM.
- 843 FURNISH AND INSTALL A WALL MOUNTED MUSHROOM BUTTON FOR BOILER SHUTDOWN. THE MUSHROOM BUTTON SHALL BE PUSH TO STOP, PULL TO START WITH 40MM RED BUTTON. PROVIDE A NON-LOCKABLE PLEXIGLASS, HINGED COVER. PROVIDE A RED, MACHINE PRINTED LABEL ABOVE THE COVER THAT READS "EMERGENCY BOILER SHUTDOWN". ROUTE BOILER CIRCUITS THROUGH PUSHBUTTON AND CONNECT AS REQUIRED. COORDINATE WITH BOILER CONTRACTOR PRIOR TO BEGINNING WORK. COORDINATE WITH OWNER AND LOCAL AUTHORITY HAVING JURISDICTION FOR REQUIRED LOCATION PRIOR TO BEGINNING ROUGH-IN.
- 844 FURNISH AND INSTALL ELECTRICAL SHOWN TO GT-1 AND ALL ASSOCIATED EQUIPMENT AND PUMPS. COORDINATE WITH PLUMBING CONTRACTOR FOR ADDITIONAL INFORMATION PRIOR TO BEGINNING WORK. FURNISH AND INSTALL ALL ELECTRICAL REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM.
- 848 FURNISH AND INSTALL ELECTRICAL CONNECTION TO DDC CONTROL PANEL. COORDINATE WITH MECHANICAL CONTRACTOR FOR ADDITIONAL INFORMATION.
- 851 FURNISH AND INSTALL ELECTRICAL CONNECTION TO BOILER AND ASSOCIATED PUMP. COORDINATE WITH BOILER INSTALLER AND SUPPLIER PRIOR TO BEGINNING WORK.



1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC



ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3620

STAMP

CONSULTANT



234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



KETCHUM FIRE
STATION

107 SADDLE ROAD, KETCHUM ID 83353

ISSUES

PHASE	CONSTRUCTION SET
DATE	6/19/2020
JOB NUMBER	18-022

MARK	DATE	DESCRIPTION
T1	10/21/2	ASI #4
0		
22	2/23/21	RFI #144

SHEET NAME

ENLARGED
MECHANICAL ROOM
PLAN - LEVEL 01

SHEET NUMBER

E4.03

Branch Panel: M1

Location: Space 41
Supply From: MSB
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 65K
Mains Type: MLO
Mains Rating: 400 A
MCB Rating: 400 A

Notes:

PROVIDE PANEL WITH INDIVIDUAL BRANCH CIRCUIT MONITORING FOR ALL CIRCUITS AND INTEGRATED POWER AND ENERGY METER WITH MODBUS INTERFACE. CONNECT THE MONITORING TO THE DDC CONTROL SYSTEM. PROVIDE SINGLE SECTION PANELBOARD.

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	BS-2,FC-105 THRU 111, 113, 114	15 A	2	837 VA	901 VA					3	20 A	HWP-1	2
3	--	--	--			837 VA	901 VA			--	--	--	4
5	EF-5	20 A	2					1376 VA	901 VA	--	--	--	6
7	BOILER 1, 2	20 A	2	760 VA	901 VA					3	20 A	HWP-2	8
9	--	--	--				901 VA			--	--	--	10
11	BOILER 5, 6	20 A	2					760 VA	901 VA	--	--	--	12
13	BOILER 7, 8	20 A	2	760 VA	0 VA					1	20 A	Spare	14
15	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	16
17	Spare	20 A	1					0 VA	3038 VA	1	30 A	GT-1	18
19	BS-4, FC-112	15 A	2	167 VA	377 VA					2	15 A	BS-1, FC-101,102A,B,C,D,103,104	20
21	--	--	--							--	--	--	22
23	WH-2	70 A	3			167 VA	377 VA						24
25	--	--	--	6000 VA	6000 VA			6000 VA	120 VA	1	20 A	RP-1	26
27	--	--	--			6000 VA	6000 VA			3	70 A	WH-1	28
29	SMP-1	30 A	3					1274 VA	6000 VA	--	--	--	30
31	--	--	--	1274 VA	1274 VA					3	30 A	SMP-2	32
33	--	--	--			1274 VA	1274 VA			--	--	--	34
35	Spare	20 A	1					0 VA	1274 VA	--	--	--	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
43	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	44
45	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	46
47	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	48
49	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	50
51	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	52
53	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	54
55	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	56
57	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	58
59	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	60

Legend:

Branch Panel: M2

Location: Space 85
Supply From: MSB
Mounting: Recessed
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 65K
Mains Type: MLO
Mains Rating: 600 A
MCB Rating: 600 A

Notes:

PROVIDE PANEL WITH INDIVIDUAL BRANCH CIRCUIT MONITORING FOR ALL CIRCUITS AND INTEGRATED POWER AND ENERGY METER WITH MODBUS INTERFACE. CONNECT THE MONITORING TO THE DDC CONTROL SYSTEM. PROVIDE SINGLE SECTION PANELBOARD.

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	HP-3	80 A	3	9187 VA	7302 VA					3	70 A	HP-1	2
3	--	--	--			9187 VA	7302 VA			--	--	--	4
5	--	--	--					9187 VA	7302 VA	--	--	--	6
7	HP-3	80 A	3	9187 VA	10016 VA					3	90 A	HP-2	8
9	--	--	--			9187 VA	10016 VA			--	--	--	10
11	--	--	--					9187 VA	10016 VA	--	--	--	12
13	HEAT PUMP HEAT TAPE	20 A	2	1100 VA	550 VA					2	20 A	HEAT PUMP HEAT TAPE	14
15	--	--	--			1100 VA	550 VA			--	--	--	16
17	REC-ROOFTOP	20 A	1					720 VA	7686 VA	3	70 A	ERU-2	18
19	EF-1	20 A	3	793 VA	7686 VA					--	--	--	20
21	--	--	--			793 VA	7686 VA			--	--	--	22
23	--	--	--					793 VA				--	24
25	BS-3, FC-201 THRU 209	15 A	2	671 VA	360 VA					1	20 A	DF-1, 2, 3, 4, 5 & 6	26
27	--	--	--			671 VA	500 VA			1	20 A	KH-1	28
29	EF-2	20 A	1					104 VA	125 VA	2	15 A	BS-5, FC-210	30
31	Spare	20 A	1	0 VA	125 VA					--	--	--	32
33	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	34
35	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
43	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	44
45	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	46
47	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	48
49	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	50
51	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	52
53	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	54
55	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	56
57	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	58
59	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	60

Legend:

PROVIDE GFEP CIRCUIT BREAKERS FOR CIRCUITS NOTED WITH HEAT TAPE.

Branch Panel: E

Location: Space 62
Supply From: MSB
Mounting: Surface
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 65K
Mains Type: MLO
Mains Rating: 400 A
MCB Rating: 400 A

Notes:

PROVIDE PANEL WITH INDIVIDUAL BRANCH CIRCUIT MONITORING FOR ALL CIRCUITS AND INTEGRATED POWER AND ENERGY METER WITH MODBUS INTERFACE. CONNECT THE MONITORING TO THE DDC CONTROL SYSTEM. PROVIDE SECT 1 WITH FEED THROUGH LUGS. MAINTAIN SPECIFIED CONDUIT AND FEEDER SIZE FROM SECTION 1 TO SECTION 2.

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	DCU-1 DFC-1	25 A	2	1872 VA	1000 VA					1	20 A	RH-4 RH-5	2
3	--	--	--			1872 VA	1160 VA			1	20 A	RH-2 RH-3	4
5	DCU-2 DFC-2	25 A	2					1872 VA	720 VA	1	20 A	REC-RADIO ROOM	6
7	--	--	--	1872 VA	360 VA					1	20 A	REC-RADIO ROOM	8
9	CONDENSATE PUMP	20 A	1			800 VA	720 VA			1	20 A	REC-RADIO ROOM	10
11	REC-RADIO ROOM	20 A	1					360 VA	360 VA	1	20 A	REC-MONITOR RADIO ROOM	12
13	REC-IT 109	20 A	1	720 VA	720 VA					1	20 A	REC-REFRIGERATOR EMS/ALS	14
15	REC-IT 109	20 A	1			360 VA	720 VA			1	20 A	REC-REFRIGERATOR EMS/ALS	16
17	REC-IT 217	20 A	1					720 VA	1500 VA	1	20 A	REC-IT 217 UPS	18
19	REC-IT 217	20 A	1	360 VA	360 VA					1	20 A	REC-IT 217	20
21	REC-APPARATUS BAY	20 A	1			540 VA	540 VA			1	20 A	REC-APPARATUS BAY	22
23	REC-APPARATUS BAY	20 A	1					720 VA	360 VA	1	20 A	REC-APPARATUS BAY	24
25	REC-APPARATUS BAY	20 A	1	540 VA	540 VA					1	20 A	REC-APPARATUS BAY	26
27	REC-APPARATUS BAY	20 A	1			540 VA	540 VA			1	20 A	REC-APPARATUS BAY	28
29	OVERHEAD DOOR	20 A	1					1200 VA	1200 VA	1	20 A	OVERHEAD DOOR	30
31	OVERHEAD DOOR	20 A	1	1200 VA	1200 VA					1	20 A	OVERHEAD DOOR	32
33	FOUR FOLD DOOR	20 A	3			420 VA	420 VA			3	20 A	FOUR FOLD DOOR	34
35	--	--	--					420 VA	420 VA	--	--	--	36
37	--	--	--	420 VA	420 VA					--	--	--	38
39	FOUR FOLD DOOR	20 A	3			420 VA	420 VA			3	20 A	FOUR FOLD DOOR	40
41	--	--	--					420 VA	420 VA	--	--	--	42
43	--	--	--	420 VA	420 VA					--	--	--	44
45	VEF-1	60 A	3			2906 VA	500 VA			1	20 A	VEHICLE EXHAUST CONTROL PANEL	46
47	--	--	--					2906 VA	43 VA	1	20 A	LTG-POLE LIGHT	48
49	--	--	--	2906 VA	436 VA					1	20 A	LTG-HALL 106/RADIO/EMS STOR	50
51	LTG-SHOP/TECH/COMP/LOCKER/DEC.	20 A	1			894 VA	1250 VA			1	20 A	LTG-APPARATUS BAY	52
53	LTG-KITCHEN/DAY USE	20 A	1					772 VA	1250 VA	1	20 A	LTG-APPARATUS BAY	54
55	LTG-HALL 203/SHOWER/DORM	20 A	1	707 VA	201 VA					1	20 A	LTG-BLDG EXTERIOR	56
57	DDC PANEL	20 A	1			500 VA	0 VA			1	20 A	ALARM PANEL	58
59	EH-1	20 A	2					1000 VA	1610 VA	1	20 A	REC-HOSE WASHER	60
61	--	--	--	1000 VA	1500 VA					1	20 A	REC-RAM AIR GEAR DRYER	62
63	EH-5	20 A	2			750 VA	1000 VA			2	20 A	EH-2	64
65	--	--	--					750 VA	1000 VA	--	--	--	66
67	EH-9	20 A	2	1000 VA	1000 VA					2	20 A	EH-8	68
69	--	--	--			1000 VA	1000 VA			--	--	--	70
71	EH-7	20 A	2					750 VA	750 VA	2	20 A	EH-6	72
73	--	--	--	750 VA	750 VA					--	--	--	74
75	EH-4	20 A	2			750 VA	750 VA			2	20 A	EH-3	76
77	--	--	--					750 VA	750 VA	--	--	--	78
79	REC-FIRE MARSHAL 111	20 A	1	1440 VA	900 VA					1	20 A	REC-RECEPTION 133	80
81	REC-OFFICE 113	20 A	1			1440 VA	1440 VA			1	20 A	REC-OFFICE 112	82
83	BBO GAS SOLENOID VALVE	20 A	1					500 VA	750 VA	1	20 A	FIRE ALARM CONTROL PANEL	84
85	ACCESS CONTROL SYSTEM	20 A	1	1250 VA	500 VA					1	20 A	ACCESS CONTROL SYSTEM IT ROOMS	86
87	SF-1	20 A	3			901 VA	120 VA			1	20 A	MOTORIZED DAMPER	88
89	--	--	--					901 VA	220 VA	1	20 A	HWC-1 & DAMPER	90
91	--	--	--	901 VA	500 VA					1	20 A	GAS DETECTION PANEL	92
93	EH-12	20 A	2			750 VA	750 VA			2	20 A	EH-13	94
95	--	--	--					750 VA	750 VA	--	--	--	96
97	EH-11	20 A	2	750 VA	750 VA					2	20 A	EH-10	98
99	--	--	--			750 VA	750 VA			--	--	--	100
101	RH-1	20 A	1					660 VA	600 VA	1	20 A	FIRE SMOKE DAMPERS	102
103	REC-IT 109 UPS	20 A	1	1500 VA	360 VA					1	20 A	REC-IT 217	104
105	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	106
107	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	108
109	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	110
111	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	112
113	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	114
115	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	116
117	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	118
119	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	120
Total Load:				31464 VA		27631 VA		28117 VA					

Legend:



1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC



ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3620

STAMP

CONSULTANT



MUSGROVE
ENGINEERING, P.A.

234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



Building. Growing. Leading. ...Since 1937.

Budget Evolution Item Summary

City of Ketchum Fire Station #1

RFI-160 Delete Redundant Fans @ IT Rooms

Date: 5/12/2021

Description: As requested, Delete redundant fans at both IT Rooms

SCOPE	SUBCONTRACTOR	AMOUNT
Delete redundant fans	Thornton	\$ (11,440.00)
Delete associated Electric	Magic Valley Electric	\$ (1,288.00)
SUBTOTAL:		\$ (12,728.00)
SUBTOTAL reflects direct costs only on the presumption that costs will come from allowances. If costs are reimbursed by Change Order, TOTAL AMOUNT below reflects the SUBTOTAL with add of agreed upon markup in accordance with the change order pricing.		
Bond and Insurance	CORE	\$ (266.00)
CMAR FEE	CORE	\$ (566.00)
Sales Tax	CORE	\$ -
TOTAL AMOUNT:		\$ (13,560.00)



Regional office for CORE NV company
777 N 4th St
Bosie, Idaho 83702

Project: 90-20-01-006 - CoK - City of Ketchum Fire Station
107 Saddle Rd.
Ketchum, Idaho 83340

IT Room Fan Redundancy

TO:	Bill Carter (Musgrove Engineering, PA) Alex Goedhart (Cole Architects) Crystal McColly (Cole Architects)	FROM:	JT Brown (CORE Construction - Las Vegas) 777 N Fourth St Boise, Idaho 83702
DATE INITIATED:	03/31/2021	STATUS:	Open
LOCATION:		DUE DATE:	04/07/2021
PROJECT STAGE:	Course of Construction	COST CODE:	
COST IMPACT:		SCHEDULE IMPACT:	
DRAWING NUMBER:	M1.00, M1.01	SPEC SECTION:	
LINKED DRAWINGS:		REFERENCE:	
RECEIVED FROM:	C.J. Gorringer (Thornton Heating & Sheetmetal)		
COPIES TO:	JT Brown (CORE Construction - Las Vegas), Cary Goldberg (DPPM Project Management), C.J. Gorringer (Thornton Heating & Sheetmetal), Jimmy Gyorfy (Magic Valley Electric), Bill McLaughlin (City of Ketchum), Dennis Potts (DPPM Project Management), Chris Schratwieser (CORE Construction - Las Vegas), Matt Sylvester (CORE Construction - Las Vegas), Brett Traylor (Evans Plumbing Incorporated (EPI))		

Question from JT Brown (CORE Construction - Las Vegas) at 12:46 PM on 03/31/2021

The owner is opting to remove the redundancy of fan coil units in the IT rooms. Please confirm the equipment that is to be removed from the scope of the project so that a credit can be provided. IT 109 has FC 112 fed from the VRF and DFC/DCU 1. IT Room 217 has FC 210 fed from the VRF and DFC/DCU 2.

Awaiting an Official Response

See attached updated drawings and narrative.

M1.00 – HVAC PLAN- LEVEL 01
M1.01 – HVAC PLAN- LEVEL 02
M1.04 – HVAC ROOF PLAN
M4.00– HVAC SCHEDULES
P3.00 – CONDENSATE PIPING PLAN – LEVEL 01
P3.01 – CONDENSATE PIPING PLAN – LEVEL 02
E4.01 – MECHANICAL POWER PLAN - LEVEL 01
E4.02 – MECHANICAL POWER PLAN - LEVEL 02
E8.00 – ELECTRICAL PLAN - ROOF

Crystal McColly
Cole Architects
4/13/21

BY

DATE

COPIES TO



RFI#CC-160

(Electrical, Mechanical and Plumbing)

Date: 4.12.2021
Job Number: 19-366
Prepared By: Austin Hall, Greg Bartholomew
Sheet: 1 of 2

To: Cole Architects
1008 W Main St,
Boise, ID 83702
Attention: Crystal McColly

Project: Ketchum Fire Station

Mechanical Plan Revisions

1. M1.00 – HVAC PLAN- LEVEL 01
 - a. Removed DFC-1 and associated thermostat.
2. M1.01 – HVAC PLAN- LEVEL 02
 - a. Removed DFC-2 and associated thermostat.
3. M1.04 – HVAC ROOF PLAN
 - a. Removed DCU-1 and DCU-2.
 - b. Removed keyed note 230.
4. M4.00– HVAC SCHEDULES
 - a. Removed Ductless Split System Air Conditioning Unit Schedule.

Plumbing Plan Revisions

1. P3.00 – CONDENSATE PIPING PLAN – LEVEL 01
 - a. Removed condensate piping serving removed DFC-1.
2. P3.01 – CONDENSATE PIPING PLAN – LEVEL 02
 - a. Removed condensate piping serving removed DFC-2.

Electrical Plan Revisions

1. E4.01 – MECHANICAL POWER PLAN - LEVEL 01
 - a. Removed electrical connections to DFC-1 and associated notes.
2. E4.02 – MECHANICAL POWER PLAN - LEVEL 02
 - a. Removed electrical connections to DFC-2 and associated notes.
3. E8.00 – ELECTRICAL PLAN - ROOF
 - a. Removed electrical connections to DCU-1 and DCU-2 and associated notes. Change these circuit breakers to spare in the panelboard schedule.
 - b. Removed rooftop mounted receptacle adjacent to the DCU-1 and DCU-2.



MUSGROVE ENGINEERING, P.A.

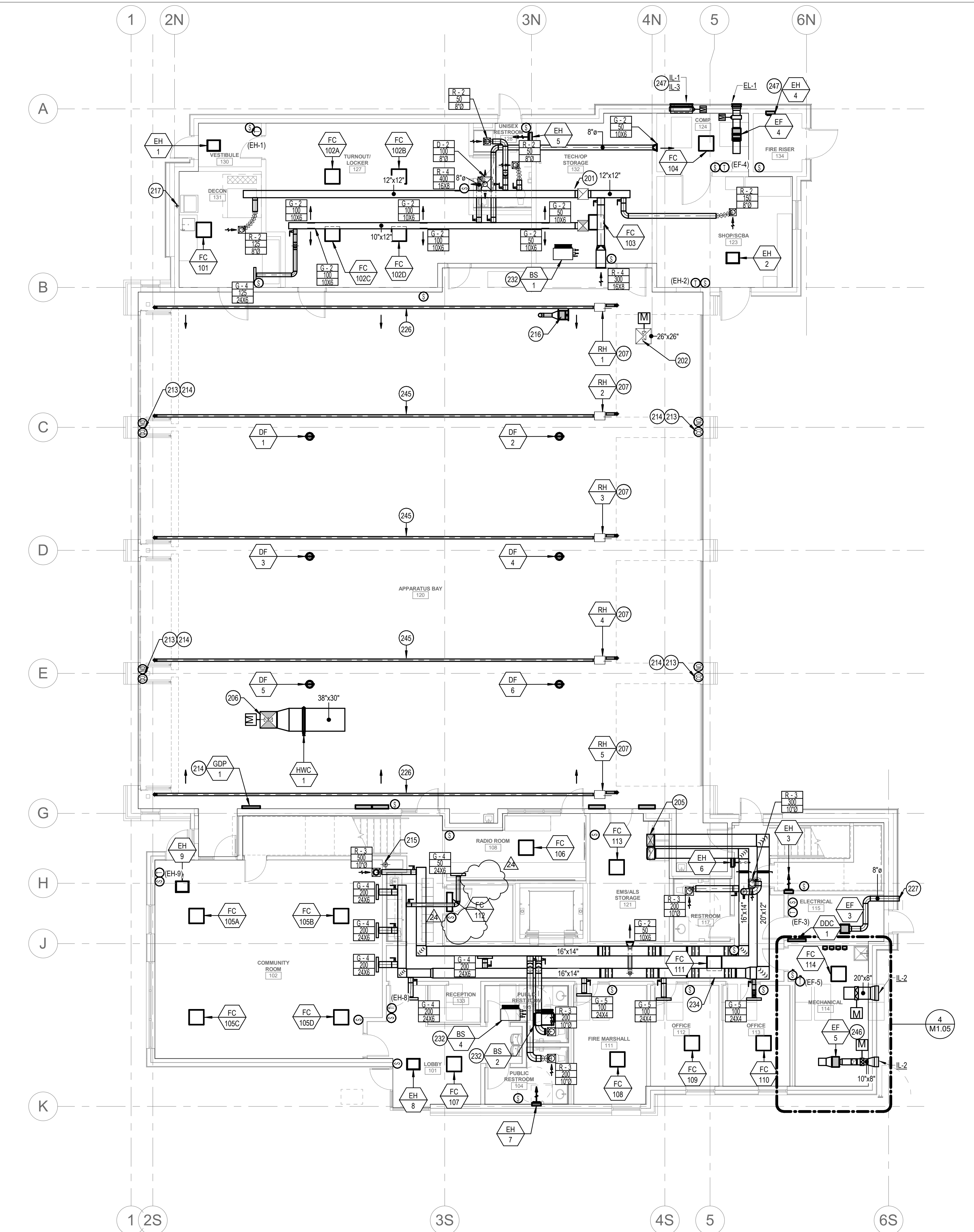
234 S. Whisperwood Way
Boise, ID 83709
Phone: 208.384.0585
Fax: 208.384.0765
www.musgrovepa.com

OVER 35 YEARS OF ENGINEERING EXCELLENCE

Attachments:

210412 RFI#CC-160 Mechanical

210412 RFI#CC-160 Electrical



1 HVAC PLAN - LEVEL 01
SCALE | 1/8" = 1'-0"

KEYED NOTES:

- #** SYMBOL USED FOR CALLOUT
- 201 SUPPLY AND EXHAUST DUCT UP THROUGH ROOF TO ENERGY RECOVERY UNIT. TRANSITION DUCTWORK AS REQUIRED TO MATCH UNIT OPENINGS. REFER TO HVAC ROOF PLAN FOR CONTINUATION.
- 202 ROUTE EXHAUST DUCT DOWN FROM EXHAUST FAN ON ROOF, FULL SIZE. TERMINATE 6" BELOW ROOF AND COVER OPENING WITH EXPANDED METAL SCREEN (MIN. OF 1" OPENINGS). PROVIDE 120V/10 LOW LEAKAGE MOTORIZED DAMPER.
- 205 ROUTE SUPPLY AND EXHAUST DUCT UP THROUGH FLOOR IN CHASE ABOVE TO 2ND FLOOR CEILING SPACE. REFER TO 2ND FLOOR HVAC PLAN FOR CONTINUATION.
- 206 ROUTE SUPPLY DUCT DOWN FROM SUPPLY FAN ON ROOF, FULL SIZE. ROUTE BETWEEN JOISTS AND COVER OPENING WITH EXPANDED METAL SCREEN (MIN. OF 1" OPENINGS). PROVIDE 120V/10 LOW LEAKAGE MOTORIZED DAMPER.
- 207 GAS-FIRED RADIANT TUBE HEATER TO BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. ROUTE 4" COMBUSTION AIR INTAKE UP THROUGH ROOF AS REQUIRED. REFER TO STRUCTURAL PLANS FOR CONNECTIONS TO STRUCTURAL MEMBERS. CONTRACTOR TO FULLY COORDINATE RADIANT HEATER LOCATION WITH LIGHTING BELOW.
- 213 PROVIDE AND INSTALL WALL-MOUNTED CO AND NO2 SENSORS AT MANUFACTURER'S RECOMMENDED ELEVATIONS.
- 214 PROVIDE TOXIC GAS DETECTION SYSTEM. PROVIDE WITH WALL MOUNTED DUAL GAS SENSORS FOR CO2 AND NO2. STAGE 1 AUDIO ALARM SET TO 200 PPM FOR CO1 AND 0.2 PPM FOR NO2 (ADJUSTABLE). COORDINATE SENSOR HEIGHT WITH MANUFACTURER.
- 215 PROVIDE RADON EXHAUST SYSTEM FOR ENTIRE SLEEPING AREA OF BUILDING (SOUTH SIDE). SEE DETAIL.
- 216 OWNER FURNISHED. CONTRACTOR INSTALLED PLYMOVENT VEHICLE EXHAUST SYSTEM AND RACK. COORDINATE ANY FACILITIES IN THIS AREA WITH OWNER. VEHICLE EXHAUST CONTROLS PROVIDED BY CONTRACTOR. EXHAUST FAN SHOWN FOR COORDINATION PURPOSES ONLY. MECHANICAL CONTRACTOR SHALL ROUTE 6" TYPE 'B' DOUBLE WALL VENT UP THROUGH ROOF FOR EXHAUSTING OF VEHICLE EXHAUST SYSTEM. COORDINATE WITH OWNER FOR EXACT LOCATION AND FOR FURTHER REQUIREMENTS. REFER TO HVAC ROOF PLAN FOR CONTINUATION.
- 217 4" DIAMETER SPIRAL GALVANIZED DRYER VENT. ROUTE UP TO CEILING SPACE. DUCT SHALL NOT BE CONNECTED OR INSTALLED USING SHEET METAL SCREWS OR OTHER FASTENERS THAT WILL OBSTRUCT THE EXHAUST FLOW. PROVIDE CELANOUT IN VERTICAL RISER. ROUTE DRYER VENT TO ROOF. PROVIDE OUTLET WITH BOOSTER FAN AND BACKDRAFT DAMPER. SCREENS SHALL NOT BE INSTALLED AT THE DUCT TERMINATION. SEE DETAIL.
- 226 SHIELD FOR GAS-FIRED RADIANT TUBE HEATER TO BE INSTALLED AT A 45 DEGREE ANGLE.
- 227 ROUTE EXHAUST DUCT THROUGH WALL AND TERMINATE WITH WALL CAP.
- 232 BRANCH SELECTOR BOX. INSTALL PER MANUFACTURER'S GUIDELINES. SEE PIPING PLAN FOR REFRIGERANT LINE ROUTING.
- 234 DUCTWORK TO BE ROUTED AROUND STRUCTURAL MEMBERS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FULLY COORDINATE ALL DUCT ELBOWS, ROUTING, AND TRANSITIONS TO AVOID STRUCTURAL MEMBERS.
- 245 SHIELD FOR GAS-FIRED RADIANT TUBE HEATER TO BE INSTALLED AT A 0 DEGREE ANGLE.
- 246 EXHAUST FAN INSTALLED ABOVE HYDRONIC PIPING. CONTRACTOR TO COORDINATE ALL EXHAUST FAN AND DAMPER ACCESS WITH PIPING, BOILERS, VALVES, AND EQUIPMENT.
- 247 MOUNT BOTTOM OF IL-3 AT 16" AFF. MOUNT TOP OF IL-1 AND EL-1 AT 11" Z".

COLE
ARCHITECTS

1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC

T C A

ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3520

STAMP

CONSULTANT

ME MUSGROVE
ENGINEERING, P.A.

234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



**KETCHUM FIRE
STATION**

107 SADDLE ROAD, KETCHUM ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE 6/19/2020

JOB NUMBER 18-022

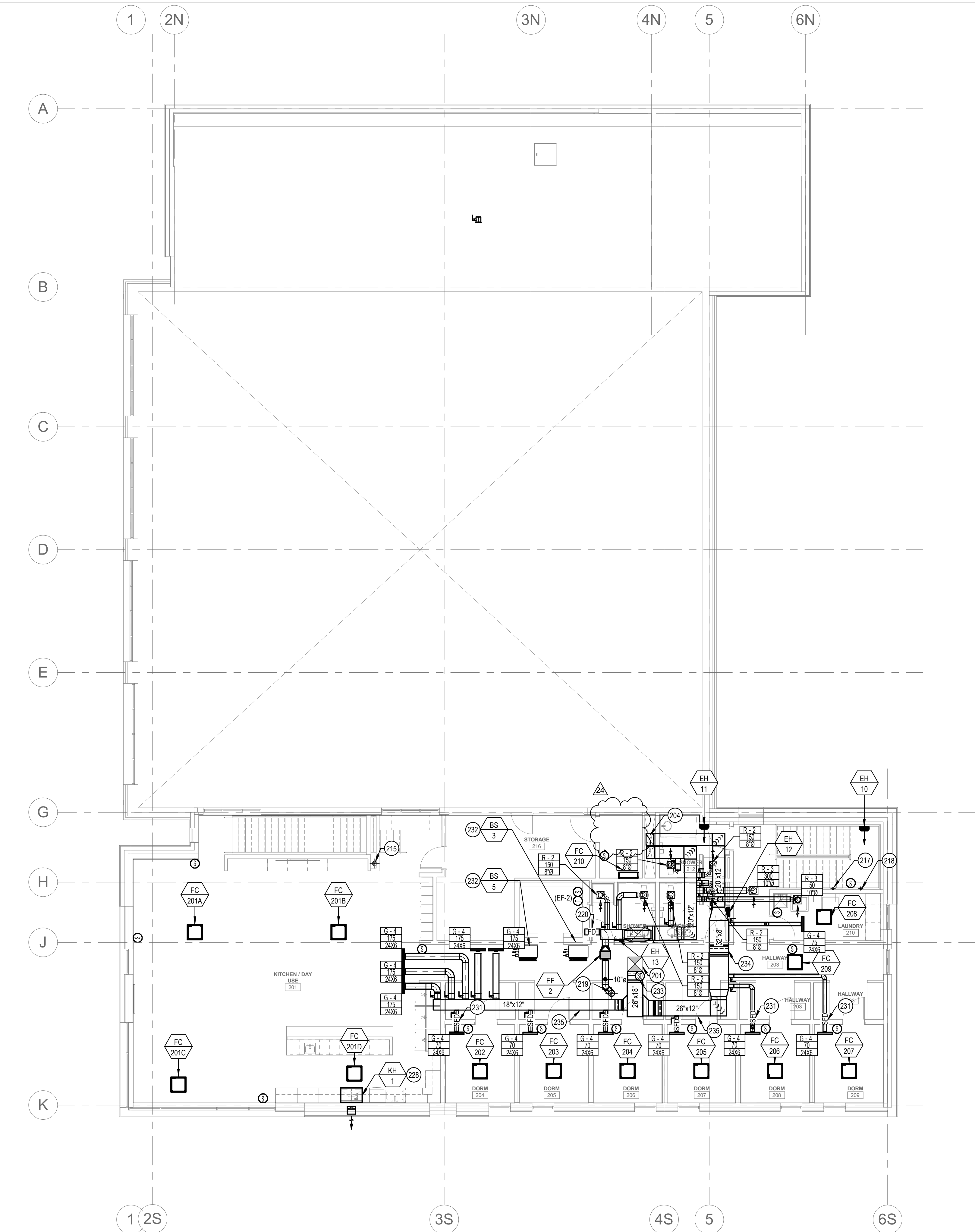
MARK	DATE	DESCRIPTION
11	10/21/20	ASI #4
0		
12	11/4/20	RFI #97R1
24	4/12/21	RFI #CC-160

SHEET NAME

**HVAC PLAN - LEVEL
01**

SHEET NUMBER

M1.00



1 HVAC PLAN - LEVEL 02
SCALE | 1/8" = 1'-0"

KEYED NOTES:

- #** SYMBOL USED FOR CALLOUT
- 201 SUPPLY AND EXHAUST DUCT UP THROUGH ROOF TO ENERGY RECOVERY UNIT. TRANSITION DUCTWORK AS REQUIRED TO MATCH UNIT OPENINGS. REFER TO HVAC ROOF PLAN FOR CONTINUATION.
- 204 SUPPLY AND EXHAUST DUCT DOWN IN CHASE TO FIRST FLOOR CEILING SPACE. REFER TO 1ST FLOOR HVAC PLAN FOR CONTINUATION.
- 215 PROVIDE RADON EXHAUST SYSTEM FOR ENTIRE SLEEPING AREA OF BUILDING (SOUTH SIDE). SEE DETAIL.
- 217 4" DIAMETER SPIRAL GALVANIZED DRYER VENT. ROUTE UP TO CEILING SPACE. DUCT SHALL NOT BE CONNECTED OR INSTALLED USING SHEET METAL SCREWS OR OTHER FASTENERS THAT WILL OBSTRUCT THE EXHAUST FLOW. PROVIDE CELANOUT IN VERTICAL RISER. ROUTE DRYER VENT TO ROOF. PROVIDE OUTLET WITH BOOSTER FAN AND BACKDRAFT DAMPER. SCREENS SHALL NOT BE INSTALLED AT THE DUCT TERMINATION. SEE DETAIL.
- 218 4" DRYER DUCT ROUTED UP THROUGH ROOF TO BE PROVIDED FOR FUTURE DRYER.
- 219 EXHAUST DUCT UP THROUGH ROOF. REFER TO HVAC ROOF PLAN FOR CONTINUATION.
- 220 PROVIDE FIRE DAMPER.
- 228 ROUTED 3-1/4"x14" EXHAUST DUCT THROUGH EXTERIOR WALL AND TERMINATE WITH WALL CAP.
- 231 PROVIDE FIRE/SMOKE DAMPER.
- 232 BRANCH SELECTOR BOX. INSTALL PER MANUFACTURER'S GUIDELINES. SEE PIPING PLAN FOR REFRIGERANT LINE ROUTING.
- 233 PROVIDE SUPPLY DUCT MOUNTED SMOKE DETECTOR FOR UNIT SHUTDOWN.
- 234 DUCTWORK TO BE ROUTED AROUND STRUCTURAL MEMBERS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FULLY COORDINATE ALL DUCT ELBOWS, ROUTING, AND TRANSITIONS TO AVOID STRUCTURAL MEMBERS.
- 235 DUCTWORK ROUTED THROUGH VIERENDEEL OPENINGS IN TRUSSES. COORDINATE EXACT SIZES AND ROUTING WITH TRUSS MANUFACTURER AND STRUCTURAL ENGINEER.

COLE
ARCHITECTS

1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC

T C A

ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3620

STAMP

CONSULTANT

ME MUSGROVE
ENGINEERING, P.A.

234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



**KETCHUM FIRE
STATION**

107 SADDLE ROAD, KETCHUM ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE 6/19/2020

JOB NUMBER 18-022

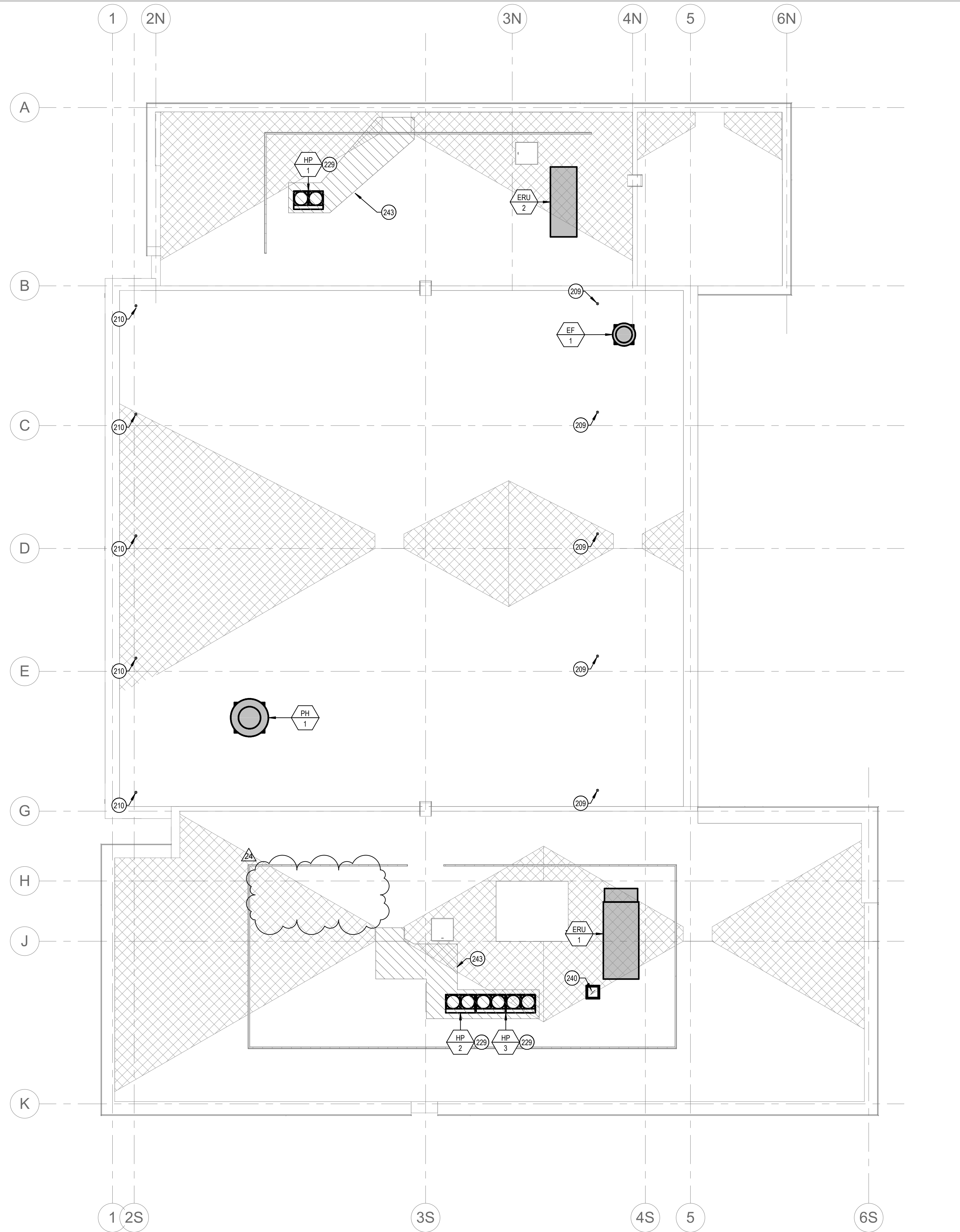
MARK	DATE	DESCRIPTION
24	4/12/21	RFI #CC-160

SHEET NAME

**HVAC PLAN - LEVEL
02**

SHEET NUMBER

M1.01



KEYED NOTES:

- SYMBOL USED FOR CALLOUT
- 209 COMBUSTION AIR INTAKE TO GAS-FIRED RADIANT TUBE HEATER BELOW.
- 210 TYPE 'B' DOUBLE WALL VENT UP FROM BELOW. TERMINATE WITH APPROVED VENT CAP.
- 229 PROVIDE HEAT TAPE AT HEAT PUMP UNIT. COORDINATE WITH ELECTRICAL.
- 240 EXHAUST DUCT UP FROM BELOW. TERMINATE WITH ROOF CURB AND CAP.
- 243 PATH OF SNOWMELT AREA.

1 HVAC PLAN - ROOF
SCALE | 1/8" = 1'-0"



1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC



ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3620

STAMP

CONSULTANT



234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



KETCHUM FIRE STATION

107 SADDLE ROAD, KETCHUM ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE 6/19/2020

JOB NUMBER 18-022

MARK	DATE	DESCRIPTION
2	8/17/20	ASI #2
24	4/12/21	RFI #CC-160

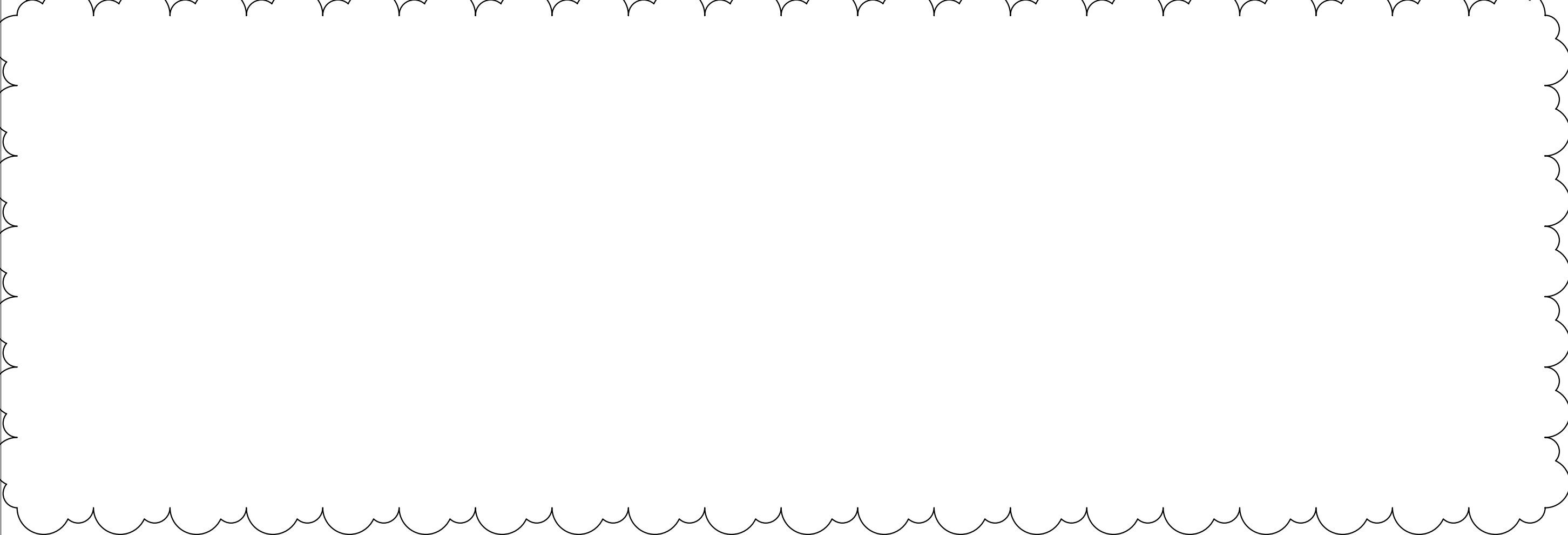
SHEET NAME

HVAC PLAN - ROOF

SHEET NUMBER

M1.04

VRF HVAC SYSTEM SCHEDULE																
OUTDOOR UNITS																
SYMBOL	AREA SERVED	NOMINAL TONS	UNIT TYPE	COOLING REQUIRED AT 80°F EDB, 67°F EWB		HEATING REQUIRED AT 70°F EAT	ELECTRICAL			MINIMUM EER	OPERATING WEIGHT (LBS)	MANUFACTURER AND MODEL	REMARKS			
				TOTAL MBH	SENSIBLE MBH	TOTAL MBH	MCA	MOCP	V/Ø							
HP-1	NORTH	6	HEAT RECOVERY	56	44	45.9	60.8	70	208/3	13.7	730	DAIKIN RELQ7Z2TATJA	1, 2, 4, 6, 9			
HP-2	SOUTH 1ST FLOOR	10	HEAT RECOVERY	116	95	76.5	83.4	90	208/3	12.4	795	DAIKIN RELQ120TATJ	1, 2, 4, 6, 9			
HP-3	SOUTH 2ND FLOOR	16	HEAT RECOVERY	149	115	128.9	76.5	80	208/3	12.5	795	DAIKIN RELQ192TATJA	1, 2, 4, 6, 9			
							76.5	80	208/3		795					
INDOOR FAN COIL UNITS																
HEAT PUMP SYMBOL	BRANCH SELECT. SYMBOL	FAN COIL SYMBOL	AREA SERVED	NOMINAL TONS	UNIT TYPE	SUPPLY FAN	COOLING	HEATING	ELECTRICAL			OSA	SOUND (dBA)	OPERATING WEIGHT (LBS)	MANUFACTURER AND MODEL	REMARKS
						CFM	MBH	MBH	MCA	MOCP	V/Ø					
HP-1	BS-1	FC-101	DECON 131	0.6	4-WAY CASSETTE	307	6.4	6.4	0.3	15	208/1	125	32	35.3	DAIKIN MODEL FXZQ07TAVJU	1, 3, 5, 6
		FC-102A	TURNOUT/LOCKER 127	0.75	4-WAY CASSETTE	317	7.8	7.1	0.3	15	208/1	400	33	35.3	DAIKIN MODEL FXZQ09TAVJU	1, 3, 5, 6
		FC-102B	TURNOUT/LOCKER 127	0.75	4-WAY CASSETTE	317	7.8	7.1	0.3	15	208/1		33	35.3	DAIKIN MODEL FXZQ09TAVJU	1, 3, 5, 6
		FC-102C	TURNOUT/LOCKER 127	0.75	4-WAY CASSETTE	317	7.8	7.1	0.3	15	208/1		33	35.3	DAIKIN MODEL FXZQ09TAVJU	1, 3, 5, 6
		FC-102D	TURNOUT/LOCKER 127	0.75	4-WAY CASSETTE	317	7.8	7.1	0.3	15	208/1		33	35.3	DAIKIN MODEL FXZQ09TAVJU	1, 3, 5, 6
		FC-103	TECH/OP STORAGE 132	0.6	4-WAY CASSETTE	307	6.4	6.4	0.3	15	208/1	100	32	35.3	DAIKIN MODEL FXZQ07TAVJU	1, 3, 5, 6
		FC-104	COMP 124	1.5	4-WAY CASSETTE	742	14.8	14.8	0.6	15	208/1	100	36	50.7	DAIKIN MODEL FZFQ18TVJU	1, 3, 5, 6
HP-2	BS-2	FC-105A	COMMUNITY ROOM 102	1	4-WAY CASSETTE	742	10	13.6	0.4	15	208/1	600	34	36	DAIKIN MODEL FZFQ12TVJU	1, 3, 5, 6
		FC-105B	COMMUNITY ROOM 102	1.5	4-WAY CASSETTE	742	14.8	14.8	0.6	15	208/1		36	50.7	DAIKIN MODEL FZFQ18TVJU	1, 3, 5, 6
		FC-105C	COMMUNITY ROOM 102	1	4-WAY CASSETTE	742	10	13.6	0.4	15	208/1		34	36	DAIKIN MODEL FZFQ12TVJU	1, 3, 5, 6
		FC-105D	COMMUNITY ROOM 102	1.5	4-WAY CASSETTE	742	14.8	14.8	0.6	15	208/1		36	50.7	DAIKIN MODEL FZFQ18TVJU	1, 3, 5, 6
		FC-106	RADIO ROOM 108	0.6	4-WAY CASSETTE	307	6.4	6.4	0.3	15	208/1	50	32	35.3	DAIKIN MODEL FXZQ07TAVJU	1, 3, 5, 6
		FC-107	LOBBY 101	2.0	4-WAY CASSETTE	777	19.8	19.8	0.7	15	208/1	200	36	50.7	DAIKIN MODEL FXFQ24TVJU	1, 3, 5, 6
		FC-108	FIRE MARSHAL 111	0.6	4-WAY CASSETTE	307	6.4	6.4	0.3	15	208/1	100	32	35.3	DAIKIN MODEL FXZQ07TAVJU	1, 3, 5, 6
		FC-109	OFFICE 112	0.6	4-WAY CASSETTE	307	6.4	6.4	0.3	15	208/1	100	32	35.3	DAIKIN MODEL FXZQ07TAVJU	1, 3, 5, 6
		FC-110	OFFICE 113	0.6	4-WAY CASSETTE	307	6.4	6.4	0.3	15	208/1	100	32	35.3	DAIKIN MODEL FXZQ07TAVJU	1, 3, 5, 6
		FC-111	HALLWAY 116	0.75	4-WAY CASSETTE	317	7.8	7.1	0.3	15	208/1	200	33	35.3	DAIKIN MODEL FXZQ09TAVJU	1, 3, 5, 6
	BS-4	FC-112	IT 109	1.5	HIGH WALL	500	15.2	21.0	0.4	15.0	208/1	0	43	31	DAIKIN MODEL FXAQ18PVJU	1, 3, 5, 6
	BS-2	FC-113	EMS/ALS STORAGE 121	0.6	4-WAY CASSETTE	307	6.4	6.4	0.3	15	208/1	50	32	35.3	DAIKIN MODEL FXZQ07TAVJU	1, 3, 5, 6
		FC-114	MECHANICAL 114	1.5	4-WAY CASSETTE	742	14.8	14.8	0.6	15	208/1	0	36	50.7	DAIKIN MODEL FZFQ18TVJU	1, 3, 5, 6



INDOOR FAN COIL UNITS																
HEAT PUMP SYMBOL	BRANCH SELECT. SYMBOL	FAN COIL SYMBOL	AREA SERVED	NOMINAL TONS	UNIT TYPE	SUPPLY FAN	COOLING	HEATING	ELECTRICAL			OSA	SOUND (dBA)	OPERATING WEIGHT (LBS)	MANUFACTURER AND MODEL	REMARKS
						CFM	MBH	MBH	MCA	MOCP	V/Ø					
HP-3	BS-3	FC-201A	KITCHEN/DAY USE 201	1.5	4-WAY CASSETTE	742	14.8	14.8	0.6	15	208/1	530	36	50.7	DAIKIN MODEL FZFQ18TVJU	1, 3, 5, 6
		FC-201B	KITCHEN/DAY USE 201	1.5	4-WAY CASSETTE	742	14.8	14.8	0.6	15	208/1		36	50.7	DAIKIN MODEL FZFQ18TVJU	1, 3, 5, 6
		FC-201C	KITCHEN/DAY USE 201	1.5	4-WAY CASSETTE	742	14.8	14.8	0.6	15	208/1		36	50.7	DAIKIN MODEL FZFQ18TVJU	1, 3, 5, 6
		FC-201D	KITCHEN/DAY USE 201	1.5	4-WAY CASSETTE	742	14.8	14.8	0.6	15	208/1		36	50.7	DAIKIN MODEL FZFQ18TVJU	1, 3, 5, 6
		FC-202	DORM 204	0.6	4-WAY CASSETTE	307	6.4	6.4	0.3	15	208/1	70	32	35.3	DAIKIN MODEL FXZQ07TAVJU	1, 3, 5, 6
		FC-203	DORM 205	0.6	4-WAY CASSETTE	307	6.4	6.4	0.3	15	208/1	70	32	35.3	DAIKIN MODEL FXZQ07TAVJU	1, 3, 5, 6
		FC-204	DORM 206	0.6	4-WAY CASSETTE	307	6.4	6.4	0.3	15	208/1	70	32	35.3	DAIKIN MODEL FXZQ07TAVJU	1, 3, 5, 6
		FC-205	DORM 207	0.6	4-WAY CASSETTE	307	6.4	6.4	0.3	15	208/1	70	32	35.3	DAIKIN MODEL FXZQ07TAVJU	1, 3, 5, 6
		FC-206	DORM 208	0.6	4-WAY CASSETTE	307	6.4	6.4	0.3	15	208/1	70	32	35.3	DAIKIN MODEL FXZQ07TAVJU	1, 3, 5, 6
		FC-207	DORM 209	0.6	4-WAY CASSETTE	307	6.4	6.4	0.3	15	208/1	70	32	35.3	DAIKIN MODEL FXZQ07TAVJU	1, 3, 5, 6
		FC-208	LAUNDRY 210	0.6	4-WAY CASSETTE	307	6.4	6.4	0.3	15	208/1	75	32	35.3	DAIKIN MODEL FXZQ07TAVJU	1, 3, 5, 6
		FC-209	HALLWAY 203	2.0	4-WAY CASSETTE	777	19.8	19.8	0.7	15	208/1	350	36	50.7	DAIKIN MODEL FXFQ24TVJU	1, 3, 5, 6
	BS-5	FC-210	IT 217	1.5	HIGH WALL	500	15.2	21.0	0.4	15.0	208/1	0	43	31	DAIKIN MODEL FXAQ18PVJU	1, 3, 5, 6

- REMARKS:
- APPROVED ALTERNATE MANUFACTURERS: MITSUBISHI, PANASONIC, LG, CARRIER, OR APPROVED EQUAL.
 - PROVIDE MANUFACTURER'S CRANKCASE HEATER, REFRIGERATION LINE SET AND TEES, AND TAMPER PROOF PORT CAPS.
 - CONTROL UNIT TROUGH INTELLIGENT TOUCH MANAGEMENT (ITM) CONTROL SYSTEM WITH BAGNET INTERFACE OPTION. ALL SPACE SENSORS SHALL BE MANUFACTURER'S HARD-WIRED WALL MOUNTED THERMOSTATS. CONFIRM WITH OWNER AND ARCHITECT AS TO FINAL LOCATION OF CENTRAL CONTROL PANEL..
 - PROVIDE WITH MIRO INDUSTRIES HEAVY DUTY MECHANICAL GALVANIZED ROOF SUPPORT WITH ADJUSTABLE SUPPORT LEGS. SUPPORT SHALL EXTEND A MINIMUM OF 2" BEYOND EQUIPMENT IN EACH DIRECTION. BOLT EQUIPMENT TO MECHANICAL SUPPORT. PROVIDE HEAT TAPE ON PLATFORM TO NEAREST DRAIN.
 - PROVIDE WITH LITTLE GIANT MINI CONDENSATE PUMP. FOR HIGH WALL APPLICATIONS, CONCEAL PUMP BEHIND UNIT WITHIN MOUNTING BRACKET ASSEMBLY.
 - ELECTRICAL TO PROVIDE DISCONNECT.
 - PROVIDE MANUFACTURER'S FILTER BOX AND FILTER.
 - PROVIDE MANUFACTURER'S FINAL ACCEPTANCE AND WARRANTY LETTER AT REFRIGERANT PIPING ROUGH IN AND FINAL INSTALLATION STAGES. MANUFACTURER'S LETTER SHALL BE BY CERTIFIED MANUFACTURER'S REP.
 - COOLING BTU VALUES SHALL BEAT 86.5°F AMBIENT, HEATING BTU VALUES SHALL BEAT -20°F AMBIENT.



1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC



ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3620

STAMP

CONSULTANT



234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



KETCHUM FIRE
STATION

107 SADDLE ROAD, KETCHUM ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE 6/19/2020

JOB NUMBER 18-022

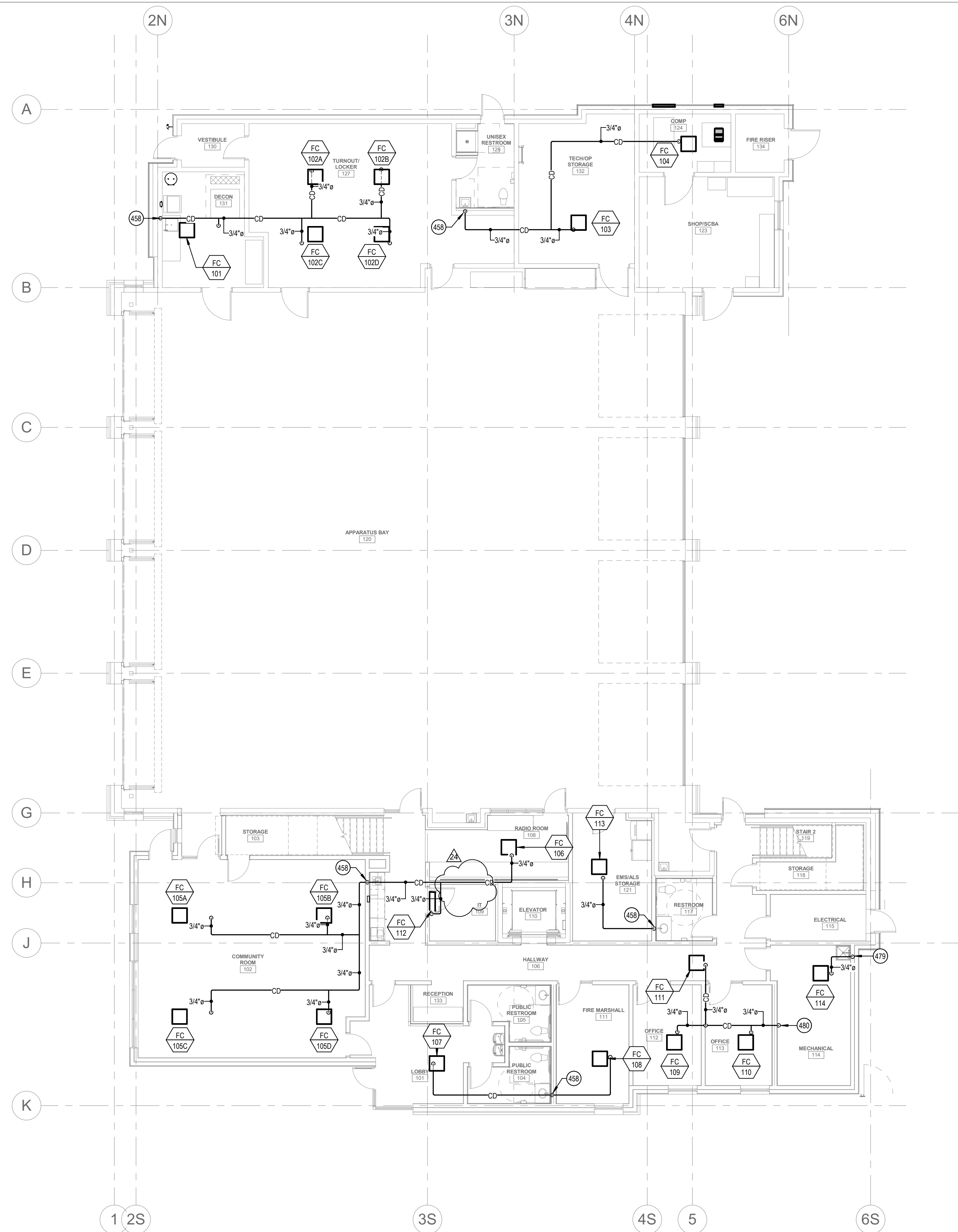
MARK	DATE	DESCRIPTION
24	4/12/21	RFI #CC-160

SHEET NAME

HVAC SCHEDULES

SHEET NUMBER

M4.00



1 CONDENSATE PIPING PLAN - LEVEL 01
SCALE | 1/8" = 1'-0"

KEYED NOTES:

- # SYMBOL USED FOR CALLOUT
- 458 ROUTE CONDENSATE PIPING FULL SIZE TO NEAREST SINK TAILPIECE. REFER TO SINK/LAVATORY TAILPIECE CONDENSATE DETAIL.
- 479 ROUTE CONDENSATE PIPING FULL SIZE DOWN IN WALL AND TERMINATE 6" ABOVE SERVICE SINK.
- 480 ROUTE CONDENSATE PIPING FULL SIZE DOWN IN WALL AND TERMINATE 6" ABOVE FLOOR SINK.

COLE
ARCHITECTS

1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC

T C A

ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3620

STAMP

CONSULTANT

ME MUSGROVE
ENGINEERING, P.A.

234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



KETCHUM FIRE STATION

107 SADDLE ROAD, KETCHUM ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE 6/19/2020

JOB NUMBER 18-022

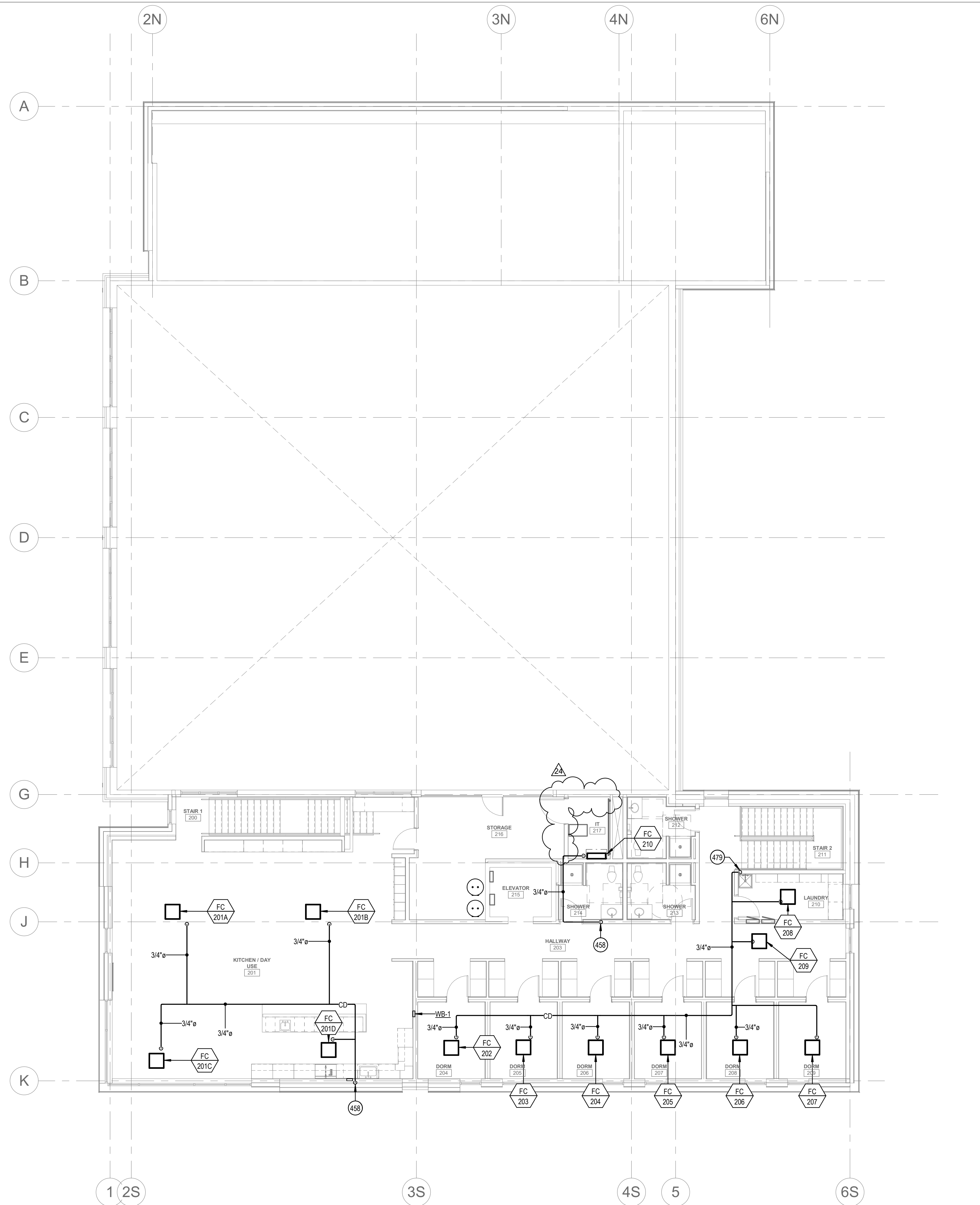
MARK	DATE	DESCRIPTION
24	4/12/21	RFI #CC-160

SHEET NAME

**CONDENSATE
PIPING PLAN -
LEVEL 01**

SHEET NUMBER

P3.00



1 CONDENSATE PIPING PLAN - LEVEL 02
SCALE | 1/8" = 1'-0"

KEYED NOTES:

- ② SYMBOL USED FOR CALLOUT
- 458 ROUTE CONDENSATE PIPING FULL SIZE TO NEAREST SINK TAILPIECE. REFER TO SINK/LAVATORY TAILPIECE CONDENSATE DETAIL.
- 479 ROUTE CONDENSATE PIPING FULL SIZE DOWN IN WALL AND TERMINATE 6" ABOVE SERVICE SINK.



1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC



ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3620

STAMP

CONSULTANT



234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



KETCHUM FIRE STATION

107 SADDLE ROAD, KETCHUM ID 83353

ISSUES

PHASE	CONSTRUCTION SET
DATE	6/19/2020
JOB NUMBER	18-022

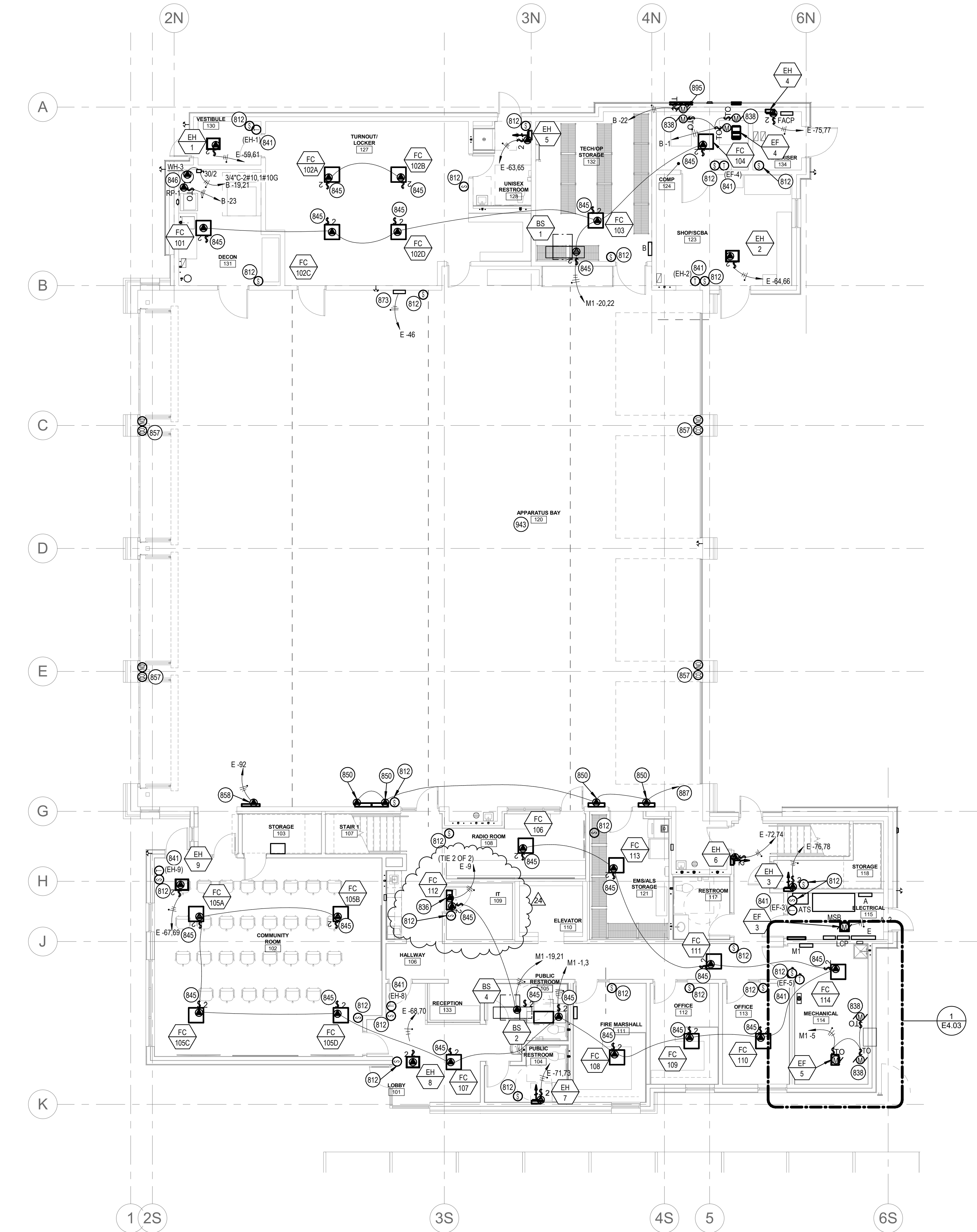
MARK	DATE	DESCRIPTION
24	4/12/21	RFI #CC-160

SHEET NAME

CONDENSATE
PIPING PLAN -
LEVEL 02

SHEET NUMBER

P3.01



1 MECHANICAL POWER PLAN - LEVEL 01
1/8" = 1'-0"

KEYED NOTES:

- # SYMBOL USED FOR CALLOUT
- 812 1/2" CONDUIT TO THE DDC CONTROL PANEL. BOX AND CONDUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR. MECHANICAL CONTRACTOR TO MAKE FINAL CONNECTIONS. COORDINATE BOX SIZE WITH MECHANICAL CONTRACTOR. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- 836 FURNISH AND INSTALL ELECTRICAL CONNECTION FOR CONDENSATE PUMP. COORDINATE WITH MECHANICAL CONTRACTOR FOR ADDITIONAL INFORMATION. PROVIDE ALL ELECTRICAL REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM.
- 838 CONNECTION FOR UPPER MOTORIZED LOUVER/DAMPER. PROVIDE ICE-CUBE TYPE RELAY IN A NEMA 1 ENCLOSURE FOR CONTROL BY ASSOCIATED DEVICE. INTERLOCK WITH ASSOCIATED EXHAUST FAN #4 AS REQUIRED. COORDINATE COIL VOLTAGE AND ELECTRICAL INFORMATION WITH MECHANICAL CONTRACTOR.
- 841 LINE VOLTAGE HEAT RISE T-STAT. 1/2" CONDUIT TO ASSOCIATED MECHANICAL UNIT. BOX, CONDUIT, AND CONDUCTORS TO BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO BEGINNING WORK.
- 845 FURNISH AND INSTALL DISCONNECT SWITCH, COORDINATE LOCATION WITH HVAC EQUIPMENT AND MECHANICAL CONTRACTOR TO MAINTAIN ALL REQUIRED CLEARANCES. IN ADDITION TO THE POWER CIRCUIT SHOWN, THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL 1/2" EMPTY CONDUIT WITH PULLSTRING AND DAISY-CHAIN BETWEEN ALL HVAC UNITS ON THIS CIRCUIT FOR CONTROL WIRING. WIRING FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. REFER TO THE MECHANICAL DRAWINGS FOR SCHEMATICS AND ADDITIONAL INFORMATION. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO BEGINNING WORK. FURNISH AND INSTALL ALL ELECTRICAL REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM.
- 846 FURNISH AND INSTALL ELECTRICAL CONNECTION TO WATER HEATER. COORDINATE DISCONNECT LOCATION WITH OTHER TRADES TO MAINTAIN REQUIRED CLEARANCES. CONNECT ALL EQUIPMENT ASSOCIATED WITH WATER HEATER.
- 850 FURNISH AND INSTALL 3/4" CONDUIT TO SNOW MELT CONTROLS AT SNOW MANIFOLD. COORDINATE LOCATION AND REQUIREMENTS WITH EQUIPMENT INSTALLER PRIOR TO BEGINNING WORK.
- 857 1/2" CONDUIT TO CORRESPONDING GAS DETECTION PANEL. BOX, CONDUIT, AND CONDUCTORS TO BE PROVIDED BY ELECTRICAL CONTRACTOR. LEAVE 12" SLACK AT BOX AND MECHANICAL UNIT. MECHANICAL CONTRACTOR TO MAKE FINAL CONNECTIONS. COORDINATE BOX SIZE AND QUANTITY OF CONDUCTOR(S) WITH MECHANICAL CONTRACTOR. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- 858 GAS DETECTION PANEL. COORDINATE EXACT LOCATION AND ELECTRICAL REQUIREMENTS WITH MECHANICAL CONTRACTOR.
- 873 VEHICLE EXHAUST CONTROL PANEL. COORDINATE ELECTRICAL CONNECTION AND WITH EQUIPMENT.
- 887 ROUTE 3/4" CONDUIT TO THE DDC CONTROL PANEL.
- 895 CONNECTION FOR LOWER MOTORIZED LOUVER/DAMPER. PROVIDE ICE-CUBE TYPE RELAY IN A NEMA 1 ENCLOSURE FOR CONTROL BY ASSOCIATED DEVICE. INTERLOCK WITH ASSOCIATED BREATHING AIR COMPRESSOR AS REQUIRED. COORDINATE COIL VOLTAGE AND ELECTRICAL INFORMATION WITH MECHANICAL CONTRACTOR.
- 943 ALL LOW-VOLTAGE CONDUCTORS AND CABLING ROUTED IN OR THROUGH THE APPARATUS BAY SHALL BE ROUTED IN CONDUIT, NO EXCEPTIONS. ROUTE CONDUIT UP AS HIGH AS POSSIBLE AND TIGHT TO STRUCTURE. COORDINATE WITH OTHER TRADES PRIOR TO BEGINNING WORK.

COLE
ARCHITECTS

1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC

T C A
ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3520

STAMP

CONSULTANT

ME MUSGROVE
ENGINEERING, P.A.

234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



**KETCHUM FIRE
STATION**

107 SADDLE ROAD, KETCHUM ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE 6/19/2020

JOB NUMBER 18-022

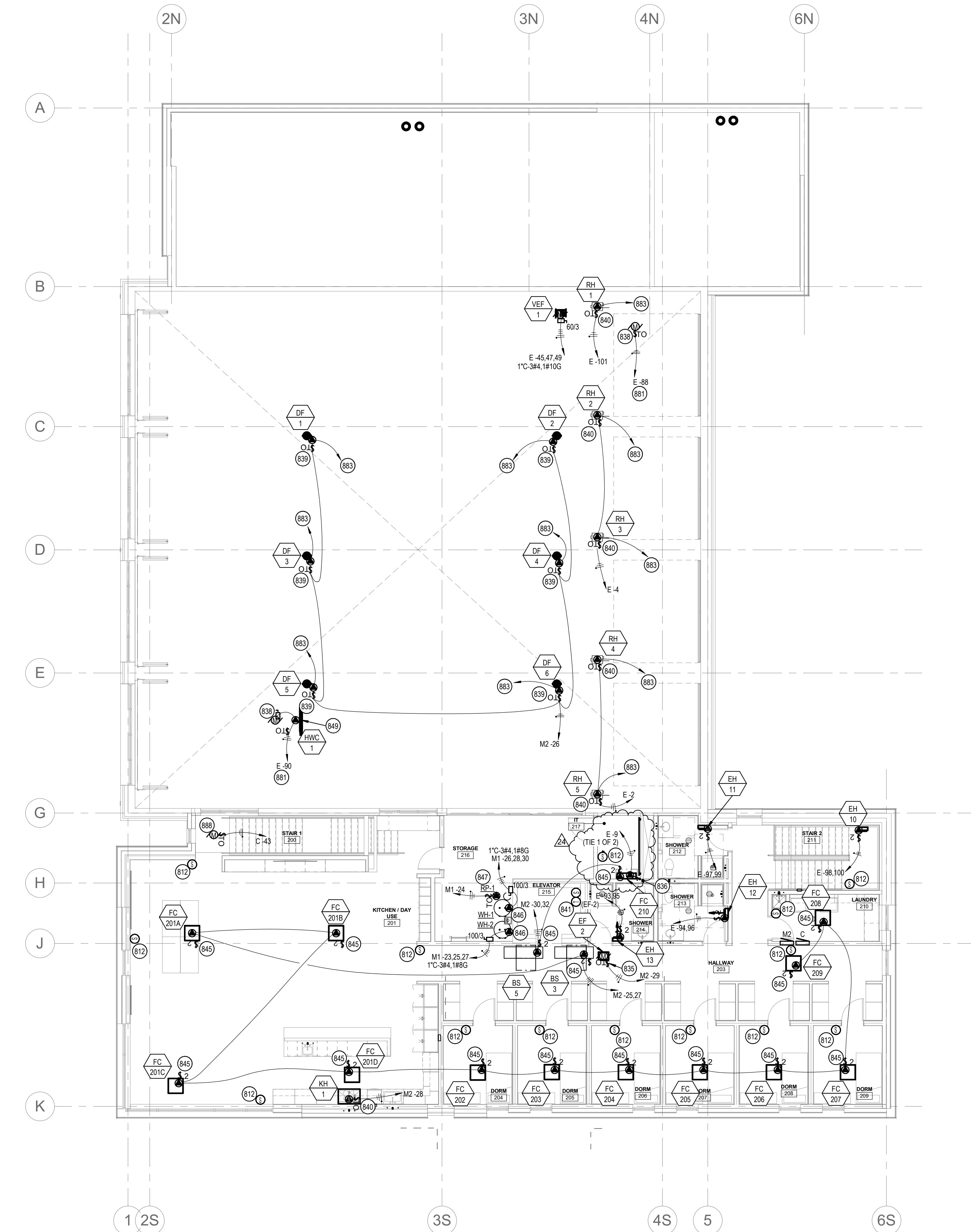
MARK	DATE	DESCRIPTION
11	10/21/20	ASI #4
0		
12	11/4/20	RFI #97R1
24	4/12/21	RFI #CC-160

SHEET NAME

**MECHANICAL
POWER PLAN -
LEVEL 01**

SHEET NUMBER

E4.01



1 MECHANICAL POWER PLAN - LEVEL 02
SCALE | 1/8" = 1'-0"

KEYED NOTES:

- 812 1/2" CONDUIT TO THE DDC CONTROL PANEL. BOX AND CONDUIT TO BE PROVIDED BY ELECTRICAL CONTRACTOR. MECHANICAL CONTRACTOR TO MAKE FINAL CONNECTIONS. COORDINATE BOX SIZE WITH MECHANICAL CONTRACTOR. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- 835 COORDINATE DISCONNECT SWITCH AND DISCONNECT MOUNTING AND LOCATION WITH HVAC CONTRACTOR PRIOR TO BEGINNING ROUGH-IN.
- 836 FURNISH AND INSTALL ELECTRICAL CONNECTION FOR CONDENSATE PUMP. COORDINATE WITH MECHANICAL CONTRACTOR FOR ADDITIONAL INFORMATION. PROVIDE ALL ELECTRICAL REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM.
- 838 CONNECTION FOR UPPER MOTORIZED LOUVER/DAMPER. PROVIDE ICE-CUBE TYPE RELAY IN A NEMA 1 ENCLOSURE FOR CONTROL BY ASSOCIATED DEVICE. INTERLOCK WITH ASSOCIATED EXHAUST FAN #4 AS REQUIRED. COORDINATE COIL VOLTAGE AND ELECTRICAL INFORMATION WITH MECHANICAL CONTRACTOR.
- 839 FURNISH AND INSTALL ELECTRICAL CONNECTION TO DESTRATIFICATION FAN AS REQUIRED. COORDINATE DISCONNECT AND ELECTRICAL CONNECTION TO CONTROL TRANSFORMER AND OTHER ELECTRICAL CONNECTIONS WITH MECHANICAL CONTRACTOR PRIOR TO BEGINNING WORK. FURNISH AND INSTALL ALL ELECTRICAL WIRING AND EQUIPMENT REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM.
- 840 FURNISH AND INSTALL DISCONNECT AND ELECTRICAL CONNECTION TO EQUIPMENT SHOWN AND COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO BEGINNING WORK.
- 841 LINE VOLTAGE HEAT RISE T-STAT. 1/2" CONDUIT TO ASSOCIATED MECHANICAL UNIT. BOX, CONDUIT, AND CONDUCTORS TO BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO BEGINNING WORK.
- 845 FURNISH AND INSTALL DISCONNECT SWITCH. COORDINATE LOCATION WITH HVAC EQUIPMENT AND MECHANICAL CONTRACTOR TO MAINTAIN ALL REQUIRED CLEARANCES. IN ADDITION TO THE POWER CIRCUIT SHOWN, THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL 1/2" EMPTY CONDUIT WITH PULLSTRING AND DAISS-CHAIN BETWEEN ALL HVAC UNITS ON THIS CIRCUIT FOR CONTROL WIRING. WIRING FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. REFER TO THE MECHANICAL DRAWINGS FOR SCHEMATICS AND ADDITIONAL INFORMATION. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO BEGINNING WORK. FURNISH AND INSTALL ALL ELECTRICAL REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM.
- 846 FURNISH AND INSTALL ELECTRICAL CONNECTION TO WATER HEATER. COORDINATE DISCONNECT LOCATION WITH OTHER TRADES TO MAINTAIN REQUIRED CLEARANCES. CONNECT ALL EQUIPMENT ASSOCIATED WITH WATER HEATER.
- 847 FURNISH AND INSTALL ELECTRICAL CONNECTION TO RECIRC PUMP. COORDINATE DISCONNECT LOCATION WITH OTHER TRADES TO MAINTAIN REQUIRED CLEARANCES. CONNECT ALL EQUIPMENT ASSOCIATED WITH RECIRC PUMP.
- 849 FURNISH AND INSTALL ELECTRICAL CONNECTION TO CONTROL TRANSFORMER FOR EQUIPMENT SHOWN. CONTROLS TRANSFORMER SHALL BE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR. COORDINATE WITH MECHANICAL CONTRACTOR FOR ADDITIONAL INFORMATION.
- 881 ROUTE CIRCUIT THROUGH THE GAS DETECTION PANEL AS REQUIRED. COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ADDITIONAL INFORMATION. FURNISH AND INSTALL ALL ELECTRICAL CONNECTIONS AND ELECTRICAL EQUIPMENT REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM.
- 883 ROUTE 3/4" EMPTY CONDUIT WITH PULLSTRING FROM HVAC EQUIPMENT SHOWN TO THE DDC CONTROL PANEL FOR CONTROL WIRING. CONTROL WIRING FURNISH AND INSTALLED BY CONTROLS CONTRACTOR. COORDINATE WITH CONTROL CONTRACTOR PRIOR TO BEGINNING WORK.
- 888 RADON FAN LOCATED IN ATTIC IN THIS APPROXIMATE AREA. PROVIDE ALL ELECTRICAL CONNECTIONS REQUIRED. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO BEGINNING WORK.



1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC



ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3620

STAMP

CONSULTANT



234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



KETCHUM FIRE STATION

107 SADDLE ROAD, KETCHUM ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE 6/19/2020

JOB NUMBER 18-022

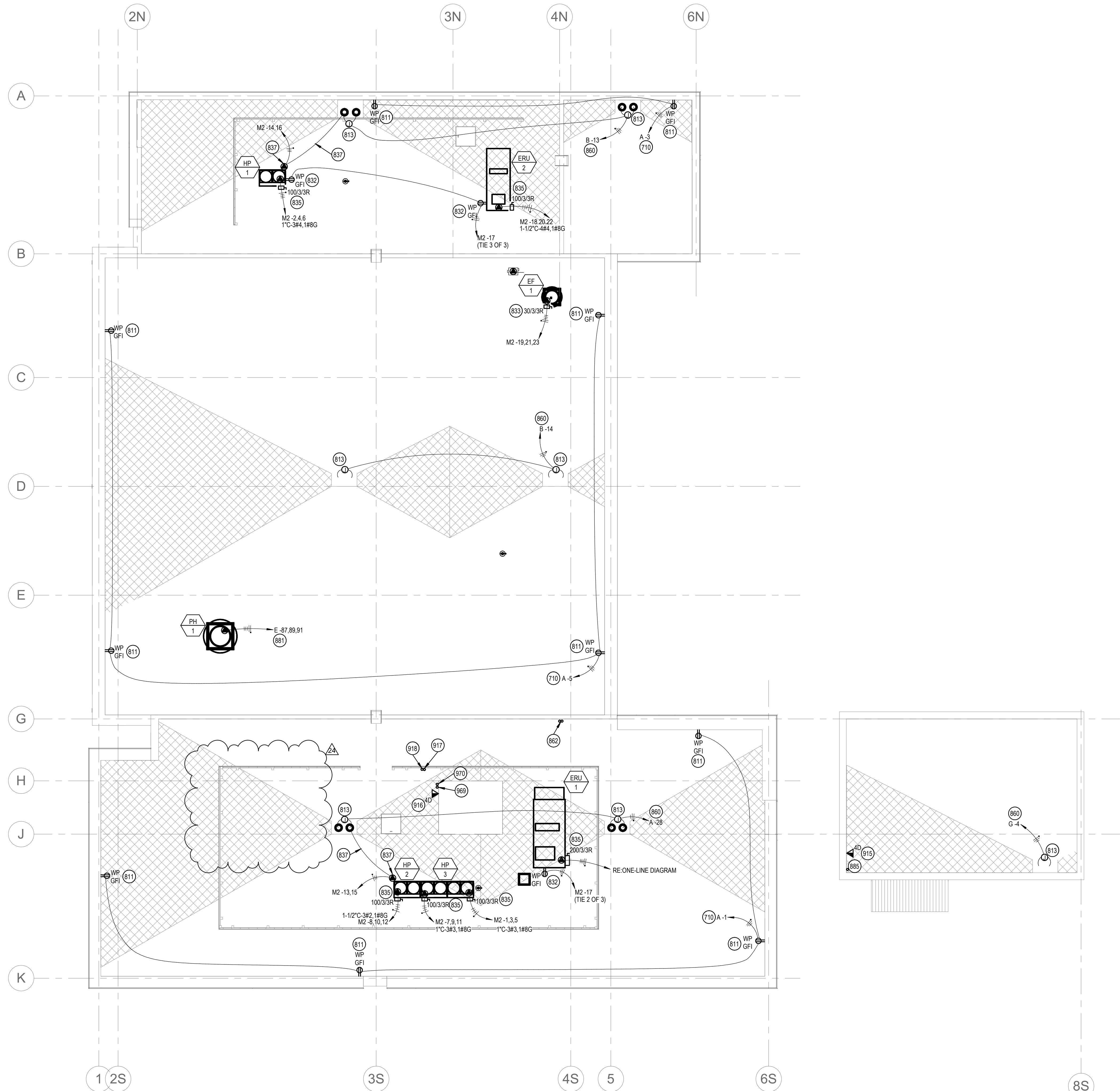
MARK	DATE	DESCRIPTION
11	10/21/2	ASI #4
0		
24	4/12/21	RFI #CC-160

SHEET NAME

**MECHANICAL
POWER PLAN -
LEVEL 02**

SHEET NUMBER

E4.02



1 ELECTRICAL PLAN - ROOF
SCALE | 1/8" = 1'-0"

KEYED NOTES:

- 710 ROUTE CIRCUIT THROUGH THE LIGHTING CONTROL PANEL. REFER TO THE LIGHTING CONTROL PANEL SCHEDULE FOR ADDITIONAL INFORMATION.
- 811 RECEPTACLE FOR FUTURE CHRISTMAS LIGHTS. MOUNT RECEPTACLE ON ROOF PARAPET. COORDINATE MOUNTING WITH ARCHITECTURAL DRAWINGS AND OTHER TRADES PRIOR TO BEGINNING ROUGH-IN. ROUTE CIRCUIT THROUGH THE LIGHTING CONTROL PANEL.
- 813 HEAT TAPE LOCATED ON ROOF. VERIFY EXACT LOCATION WITH OWNER. WRAP HEAT TAPE AROUND ROOF DRAIN AND OVERFLOW DRAIN DOWNSPOUT. EXTEND HEAT TAPE 4' DOWN THE DRAINPIPE. MAKE ALL CONNECTIONS. RE: HEAT TAPE DETAIL.
- 832 MOUNT RECEPTACLE ON RIGID CONDUIT 12" ABOVE ROOF DECK OR ON MECHANICAL UNIT WHERE APPLICABLE.
- 833 FIELD COORDINATE DISCONNECT AND HVAC EQUIPMENT LOCATION WITH MECHANICAL CONTRACTOR TO MAINTAIN ALL REQUIRED CLEARANCES.
- 835 COORDINATE DISCONNECT SWITCH AND DISCONNECT MOUNTING AND LOCATION WITH HVAC CONTRACTOR PRIOR TO BEGINNING ROUGH-IN.
- 837 FURNISH AND INSTALL HEAT AROUND HEAT PUMP BASES AND FROM HEAT PUMP BASE TO ROOF DRAIN. HEAT TAPE SHALL WRAP AROUND THE BASE OF THE UNIT(S). COORDINATE WITH MECHANICAL CONTRACTOR. UTILIZE RAYCHEM ICESSTOP 12WFT, 208 VOLTS OR APPROVED EQUAL. INSTALL PENTAIR DIGITRACE AHC-1A OR EQUAL THERMOSTAT CONTROL FOR EACH CIRCUIT. PROVIDE GROUND-FULT EQUIPMENT PROTECTION FOR CIRCUIT NOTED. COORDINATE ALL WORK AND INSTALLATION WITH MECHANICAL CONTRACTOR PRIOR TO BEGINNING WORK. FURNISH AND INSTALL ALL ELECTRICAL EQUIPMENT AND WIRING REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM.
- 860 PROVIDE GFEF TYPE CIRCUIT BREAKER FOR CIRCUIT NOTED.
- 862 ROUTE (2) 4" EMPTY CONDUITS FROM THE ELECTRICAL ROOM, OVER TO MECHANICAL CHASE AND UP THROUGH ROOF FOR FUTURE SOLAR PANELS. INSTALL CAP ON CONDUITS AND MAKE WATER-TIGHT. COORDINATE ROUTING WITH OTHER TRADES PRIOR TO BEGINNING WORK.
- 881 ROUTE CIRCUIT THROUGH THE GAS DETECTION PANEL AS REQUIRED. COORDINATE WITH THE MECHANICAL CONTRACTOR FOR ADDITIONAL INFORMATION. FURNISH AND INSTALL ALL ELECTRICAL CONNECTIONS AND ELECTRICAL EQUIPMENT REQUIRED FOR A COMPLETE AND FUNCTIONING SYSTEM.
- 885 (1) 4" EMPTY CONDUITS WITH PULLSTRING FROM THE APPARATUS STORAGE BUILDING TO THIS APPROXIMATE LOCATION FOR FUTURE SOLAR SYSTEM. CAP AND MARK LOCATIONS.
- 915 MOUNT DEVICE ON ROOF IN THIS APPROXIMATE LOCATION FOR FUTURE PV SYSTEM CONTROL PANEL. COORDINATE MOUNTING AND LOCATION WITH ARCHITECTURAL DRAWINGS AND OTHER TRADES PRIOR TO BEGINNING WORK. FURNISH AND INSTALL WEATHERPROOF COVER.
- 916 MOUNT DEVICE ON ROOF ON ELEVATOR HOISTWAY STRUCTURE ROUTED THROUGH ROOF AT THIS APPROXIMATE LOCATION FOR FUTURE PV SYSTEM CONTROL PANEL. COORDINATE MOUNTING AND LOCATION WITH ARCHITECTURAL DRAWINGS AND OTHER TRADES PRIOR TO BEGINNING WORK. FURNISH AND INSTALL WEATHERPROOF COVER.
- 917 ROUTE (2) 1-1/2" CONDUITS FROM ROOF DOWN TO THE RADIO RACK IN THE IT ROOM ON LEVEL 1 FOR RADIO ANTENNA CABLING. REFER TO THE ROOF PENETRATION DETAIL FOR ADDITIONAL INFORMATION. COORDINATE ROUTING WITH OTHER TRADES.
- 918 ROUTE (1) 1" CONDUIT FROM ROOF DOWN TO THE GROUNDING BUS IN THE IT ROOM ON LEVEL 1 FOR RADIO ANTENNA GROUNDING CONDUCTORS. REFER TO THE ROOF PENETRATION DETAIL FOR ADDITIONAL INFORMATION. COORDINATE ROUTING WITH OTHER TRADES.
- 969 ROUTE (1) 1" CONDUIT THROUGH ROOF AND STUB INTO STRUCTURE BELOW FOR FUTURE PV CONTROL PANEL CABLING. REFER TO THE ROOF PENETRATION DETAIL FOR ADDITIONAL INFORMATION. COORDINATE ROUTING WITH OTHER TRADES.
- 970 ROUTE (1) 1" CONDUIT FROM ROOF DOWN TO THE IT ROOM ON LEVEL 1 FOR SATELLITE DISH CONDUCTORS. REFER TO THE ROOF PENETRATION DETAIL FOR ADDITIONAL INFORMATION. COORDINATE ROUTING WITH OTHER TRADES.



1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC



ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3620

STAMP

CONSULTANT



234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



KETCHUM FIRE STATION

107 SADDLE ROAD, KETCHUM ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE 6/19/2020

JOB NUMBER 18-022

MARK	DATE	DESCRIPTION
20	1/20/21	ASI #5
21	1/26/21	ASI #6
24	4/12/21	RFI #CC-160

SHEET NAME

ELECTRICAL PLAN - ROOF

SHEET NUMBER

E8.00

P.O.Box 242
Ketchum, Idaho 83340
208-726-5520

Date	Credit No.
4/15/2021	47845

Customer
Core Construction 777 N. 4th. St. Boise, ID. 83702

[illegible]

SUBCONTRACTOR CHANGE ORDER REQUEST

Date: 5/6/2021

SUBCONTRACTOR: Magic Valley Electric

PROJECT NAME: Ketchum Fire station

CONTACT: Jimmy Gyorfy

ADDRESS: 395 Railway Street

Jerome, ID 83338

PHONE: 208-944-4931

PROJECT ADDRESS: 107 Saddle Road

Ketchum, ID 83353

THIS IS IN RESPONSE TO: RFI-160

Bulletin #: _____

ASI #: _____

CONTRACTOR: Core Construction

CONTACT: Chris Schratwieser

ADDRESS: 777 North 4th Street

Boise, ID 83702

PHONE: 702-794-0550

VERBAL REQUEST FROM: _____

SUBCONTRACTOR CO#: _____

DESCRIPTION: Deduction change order on removing electrical connections to FC's in I.T. rooms on 1st and 2nd floor as well as electrical connections to removed roof top units DCU 1,2.

LOCATION: Ketchum Fire Station

DRAWINGS: RFI response 160 pages E4.01, E4.02, and E8.00

	Trade Description	Hours	Labor Amt.			Total Cost
LABOR:	Journeyman	8.35	70.00			584.50
	Apprentice	8.35	60.00			501.00
						0.00
						0.00
						0.00
	Description	QTY	Unit Price	Sub-Total	Taxes	Total Cost
MATERIAL:	30 amp disconnects(not retunable)	2	-	0.00	0.00	0.00
	#10 wire	840	0.17	142.80	8.57	151.37
	Misc material(flex, bell box, GFCI)	1	48.66	48.66	2.92	51.58
				0.00	0.00	0.00
				0.00	0.00	0.00
	Description	QTY	Unit Price	Sub-Total	Taxes	Total Cost
EQUIPMENT:				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
SUBTOTAL:						1,288.45
GRAND TOTAL:				Total Amount		\$1,288.45

NOTES: _____

Authorized Signature

Date



Building. Growing. Leading. ...Since 1937.

Budget Evolution Item Summary

City of Ketchum Fire Station #1

RFI-180 App Bay Alcove Ceilings

Date: 5/5/2021

Description: Add non combustible ceilings to North & South App Bay Alcoves

SCOPE	SUBCONTRACTOR	AMOUNT
Add ceilings to alcoves	Interior Contractors	\$ 910.00
Painting already included this area	Roe Painting	\$ -
SUBTOTAL:		\$ 910.00
SUBTOTAL reflects direct costs only on the presumption that costs will come from allowances. If costs are reimbursed by Change Order, TOTAL AMOUNT below reflects the SUBTOTAL with add of agreed upon markup in accordance with the change order pricing.		
Bond and Insurance	CORE	\$ 19.00
CMAR FEE	CORE	\$ 40.00
Sales Tax	CORE	\$ -
TOTAL AMOUNT:		\$ 969.00



Regional office for CORE NV company
777 N 4th St
Bosie, Idaho 83702

Project: 90-20-01-006 - CoK - City of Ketchum Fire Station
107 Saddle Rd.
Ketchum, Idaho 83340

Ceilings @ App Bay Alcoves

TO:	Alex Goedhart (Cole Architects) Crystal McColly (Cole Architects)	FROM:	JT Brown (CORE Construction - Las Vegas) 777 N Fourth St Boise, Idaho 83702
DATE INITIATED:	04/29/2021	STATUS:	Open
LOCATION:	Ketchum Fire Station	DUE DATE:	05/06/2021
PROJECT STAGE:	Course of Construction	COST CODE:	
COST IMPACT:	Yes (Unknown)	SCHEDULE IMPACT:	TBD
DRAWING NUMBER:	A2.61	SPEC SECTION:	
LINKED DRAWINGS:		REFERENCE:	

RECEIVED FROM:

COPIES TO:

John Allen (Interior Contractors), JT Brown (CORE Construction - Las Vegas), Tyler Brown (Interior Contractors), Robert Fowers (Commercial Fire Protection), Cary Goldberg (DPPM Project Management), Bill McLaughlin (City of Ketchum), Dennis Potts (DPPM Project Management), Chris Schratwieser (CORE Construction - Las Vegas), Matt Sylvester (CORE Construction - Las Vegas)

Question from JT Brown (CORE Construction - Las Vegas) at 01:18 PM on 04/29/2021

On the North side of the apparatus bay the wall jogs in for equipment to be placed with a masonry header out flush. Please confirm that the design intent is to finish the area with an acoustical ceiling (ACT-1). We would suggest having the ceiling height 1" above the masonry header. Also confirm the boot wash area at the southside of the app bay will also finish with an acoustical ceiling (ACT-1). See exact location on attached reflected ceiling plan.

Attachments:

[A2.61_REFLECTED CEILING PLAN - LEVEL 01 Rev.1 markup.pdf](#)

Awaiting an Official Response

The design intent is to finish both areas with mold-resistant gypsum board. Having the ceiling height 1" above the masonry header is acceptable.

Provide mold-resistant gypsum board with moisture and mold resistant core and paper surfaces. Core: 5/8", Type X.

It is our understanding that both of these areas are non-combustible construction and are therefore not required to be fire sprinkled. Confirm with Fire Marshall that these areas do not need to be sprinkled.

Crystal McColly
Cole Architects
4/30/21

BY

DATE

COPIES TO

INTERIOR CONTRACTORS, INC.

PO. BOX 3873
HAILEY, ID
83333

ESTIMATE

Date	Estimate #
5/5/2021	2565

PUBLIC WORKS #002879-B-4 RCE-24255
--

Name / Address
CORE CONSTRUCTION CO.

		Project
		ID-COK FIRE STA...
Description		Total
PER RFI #CC-180 CEILINGS @ APPARATUS BAY ALCOVES		910.00
Thank you for your business.		Total \$910.00

Phone #	E-mail
1 208 481- 0311	john.incon@gmail.com



Building. Growing. Leading. ...Since 1937.

Budget Evolution Item Summary

City of Ketchum Fire Station #1

ASI-07/RFI-167 Revised Casework

Date: 6/1/2021

Description: Revise casework & lockers per ASI-07 and RFI-167

SCOPE	SUBCONTRACTOR	AMOUNT
Casework & locker revisions revised	Gary's Woodworking	\$ 8,632.00
Delete install of OFCI Lockers	Office Environment Co.	\$ (378.00)
SUBTOTAL:		\$ 8,254.00
SUBTOTAL reflects direct costs only on the presumption that costs will come from allowances. If costs are reimbursed by Change Order, TOTAL AMOUNT below reflects the SUBTOTAL with add of agreed upon markup in accordance with the change order pricing.		
Bond and Insurance	CORE	\$ 172.00
CMAR FEE	CORE	\$ 367.00
Sales Tax	CORE	\$ -
TOTAL AMOUNT:		\$ 8,793.00



OFFICE ENVIRONMENT COMPANY
623 S. Americana Blvd | Boise, ID 83702 | w: 208-385-0507 | www.oecworks.com

CoK Locker Deduction Change Order Proposal

Change Order Deduct # 1

Date: 6/1/21

To: Core Construction
Attn: Chris Schratwieser
Email: chrisschratwieser@coreconstruction.com

Change Order Description:

Credit for installation cost of the seven owner furnished contractor installed lockers per ASI-07 and sheet A5.02

Scope of Work Description & Clarifications	Amount
10 51 00 - Lockers Quantity: 7 Note; Includes credit for installation of 7 lockers	(\$378)
Total Change Order Amount (Deduct from Base Bid)	(\$378)

Ian Phillips
iphillips@oecworks.com
248-933-8891
623 S. Americana Blvd
Boise, ID 83702

Proposal Acceptance & Agreement

The undersigned hereby accepts, agrees to and Acknowledges OEC's proposal

Signature:
Printed Name:
Title:
Date:



1825 FLORAL AVE. TWIN FALLS, IDAHO 83301

Ph: (208) 734-6121 Fax: (208) 734-7177 Email: garyswoodworking@gmail.com

Change order

05-24-2021

RE: Ketchum Fire Station

RFI #CC-167

ASI 07

Reception 133

Add bottom and edge band. 4-casters and laminate one end and top.

Add lock

518.00

Work stations 202

Add 18 laminated lockers with locks and handles. Is laminate burnished black oak?

Add bottom and edge band. 8-casters to the two cabinets and laminate remaining sides. Laminate tops

Install locks on bottom drawer one additional support bracket

6540.00 lockers

916.00 2 roll out cabinets

Coffee/copy west

Re-design update dimensions

Kitchen 201 Island

Add bottom and edge band. 4-casters and laminated both sides and top.

Add 1 lock

658.00

Total

8632.00



Regional office for CORE NV company
777 N 4th St
Bosie, Idaho 83702

Project: 90-20-01-006 - CoK - City of Ketchum Fire Station
107 Saddle Rd.
Ketchum, Idaho 83340

Food Lockers Change from Metal to Plastic Laminate

TO:	Alex Goedhart (Cole Architects) Crystal McColly (Cole Architects)	FROM:	JT Brown (CORE Construction - Las Vegas) 777 N Fourth St Boise, Idaho 83702
DATE INITIATED:	04/07/2021	STATUS:	Open
LOCATION:		DUE DATE:	04/14/2021
PROJECT STAGE:	Course of Construction	COST CODE:	
COST IMPACT:		SCHEDULE IMPACT:	
DRAWING NUMBER:	A2.02, 2/A5.02	SPEC SECTION:	
LINKED DRAWINGS:		REFERENCE:	

RECEIVED FROM:

COPIES TO:
JT Brown (CORE Construction - Las Vegas), Cary Goldberg (DPPM Project Management), Andy Henning (Garys Woodworking), Bill McLaughlin (City of Ketchum), Dennis Potts (DPPM Project Management), Chris Schratwieser (CORE Construction - Las Vegas), Matt Sylvester (CORE Construction - Las Vegas)

Question from JT Brown (CORE Construction - Las Vegas) at 12:30 PM on 04/07/2021

As discussed, the metal lockers shown in the Day Use Room 201 detail 2/A5.02 are to be changed to Plastic Laminate. Please confirm layout and finish for the plastic laminate.

Awaiting an Official Response

See attached floor plan and interior elevation sketches of the updated Kitchen/ Day Use locker layout.

Lockers to be PL-1.

Each of the 18 lockers to have a keyed lock.

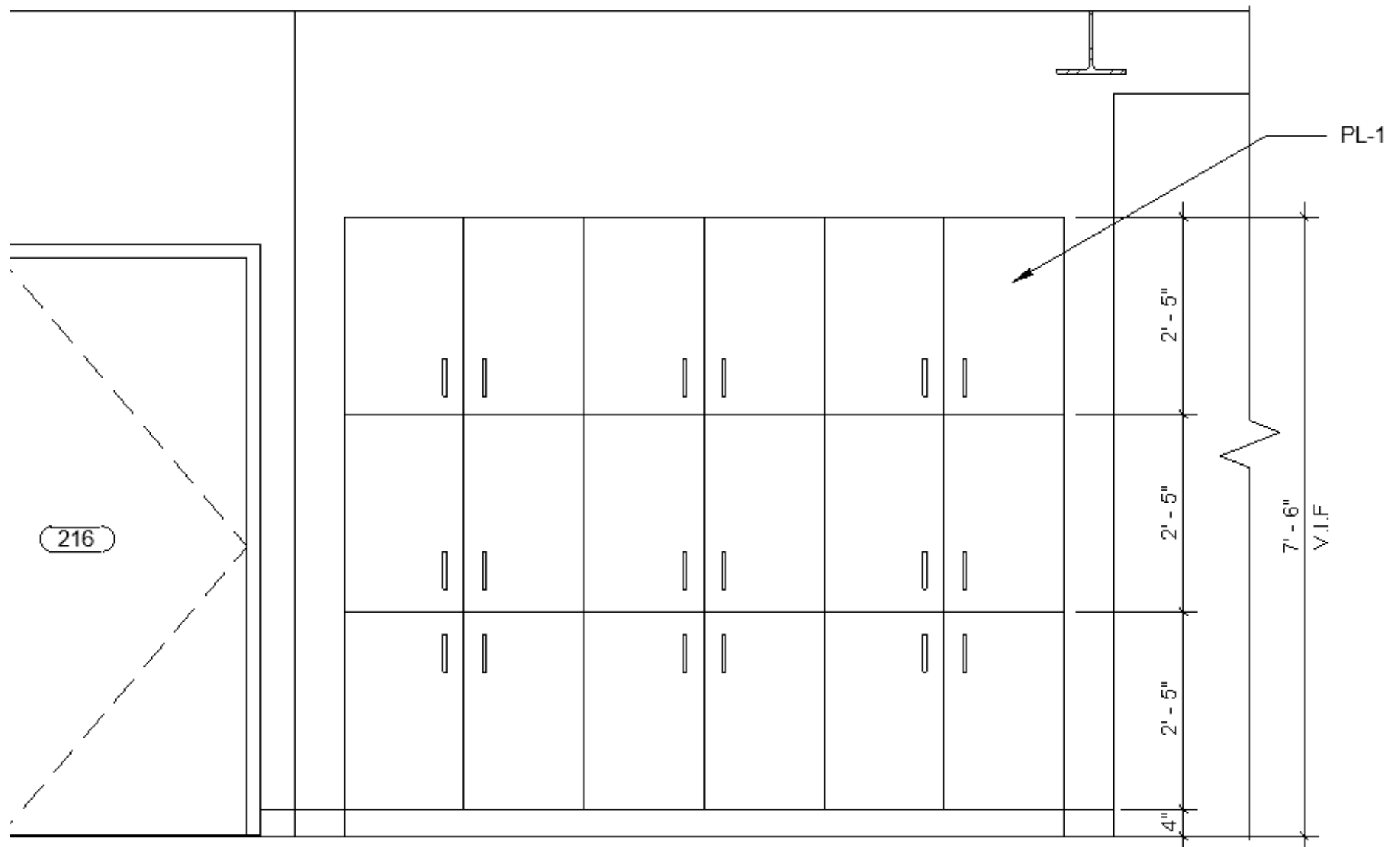
Cabinet pulls to match other Kitchen casework.

Crystal McColly
Cole Architects
4/21/21

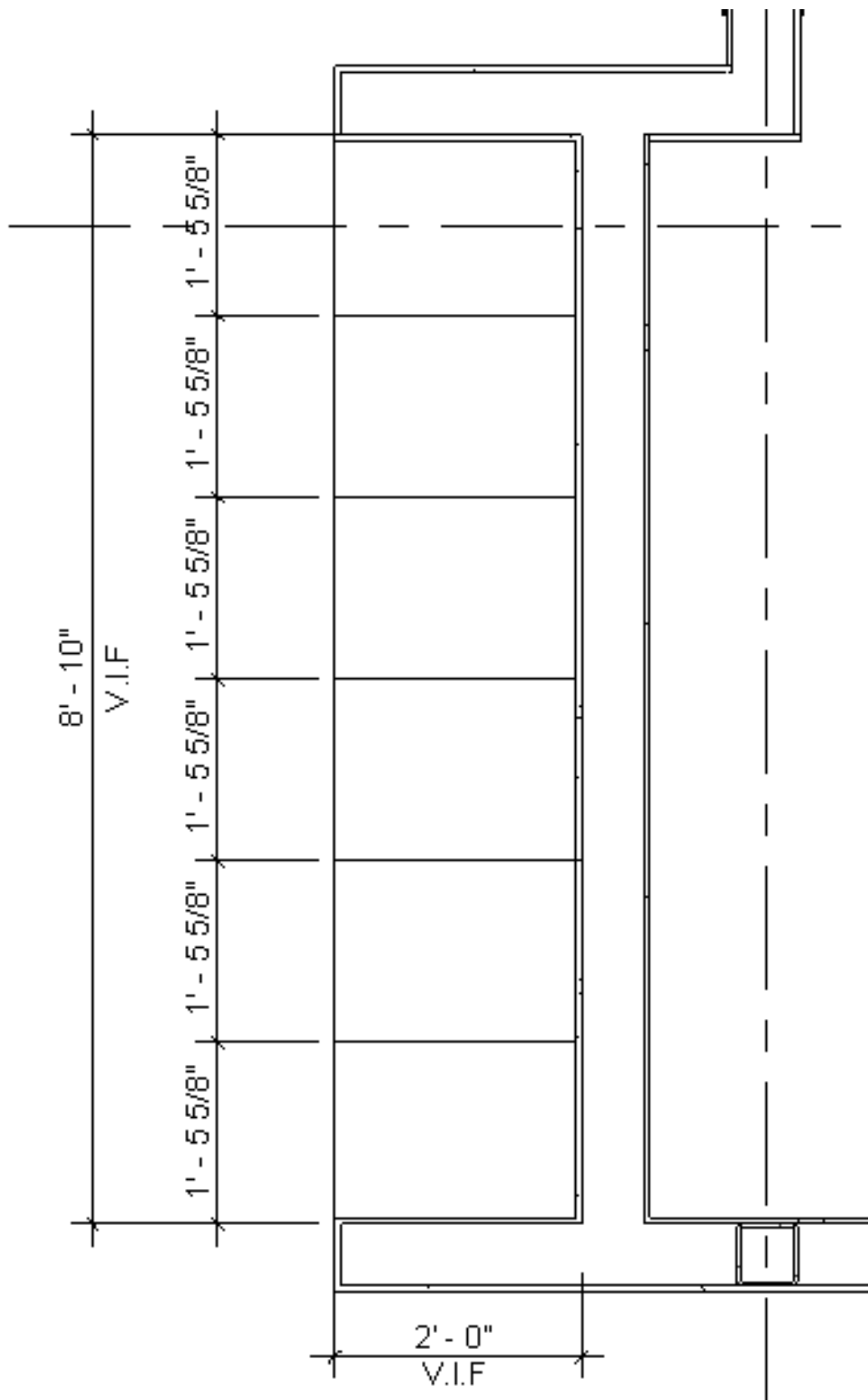
BY

DATE

COPIES TO



KITCHEN/DAY USE LOCKER LAYOUT
 INTERIOR ELEVATION
 RFI #CC-167
 KETCHUM FIRE STATION #1
 4/21/21



KITCHEN/DAY USE LOCKER LAYOUT
FLOOR PLAN
RFI #CC-167
KETCHUM FIRE STATION #1
4/21/21

ASI 07

PROJECT NAME	KETCHUM FIRE STATION #1
PROJECT NUMBER	18-022
DATE	5/3/2021
CONSTRUCTION COMPANY	CORE CONSTRUCTION

THE WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING SUPPLEMENTAL INSTRUCTIONS ISSUED IN ACCORDANCE WITH THE CONTRACT.

DESCRIPTION OF CHANGES:

DRAWINGS:

ARCHITECTURAL:

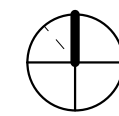
- 1) A2.02 – FLOOR PLAN – LEVEL 02
 - a) Updated metal Kitchen lockers to be 18 built-in casework lockers.
- 2) A2.22 - DIMENSIONS PLAN – LEVEL 02
 - a) Updated metal Kitchen lockers to be 18 built-in casework lockers.
- 3) A5.01 – INTERIOR ELEVATIONS
 - a) Added Keynote #28.
 - b) #2 – RECEPTION 133 – SOUTH
 - i) Added casters to cabinet and finished the remaining sides of the rolling cabinet.
 - ii) Added keynote #28.
 - iii) Added reference detail 12/A5.21.
 - c) #4 – COFFEE/COPY – WEST
 - i) Updated dimensions of the trash/recycle pull-out and microwave alcove.
 - d) #11 – KITCHEN/DAY USE 201 ISLAND – NORTH
 - i) Reduced three base cabinets from 2'-9" to 2'-8" to enlarge the three trash/recycle pull outs.
- 4) A5.02 – INTERIOR ELEVATIONS
 - a) #2 – WORK STATIONS 202 – EAST
 - i) Updated metal Kitchen lockers to be 18 built-in casework lockers, per RFI #CC-167 response.
 - ii) Updated keynote #15 and noted to add keyed lock to each of the lockers.
 - iii) Added reference detail 12/A5.21.
 - b) #3 – WORK STATIONS 202 – NORTH
 - i) Added casters to the two under counter drawers and finished the remaining sides of the rolling cabinet.
 - ii) Added keynote #20 to add keyed lock to one of the drawers.
 - iii) Add additional support bracket underneath the built-in countertop.
- 5) A5.21 – INTERIOR DETAILS
 - a) Added detail #12 – BASE CABINET W/DRAWERS & CASTERS.

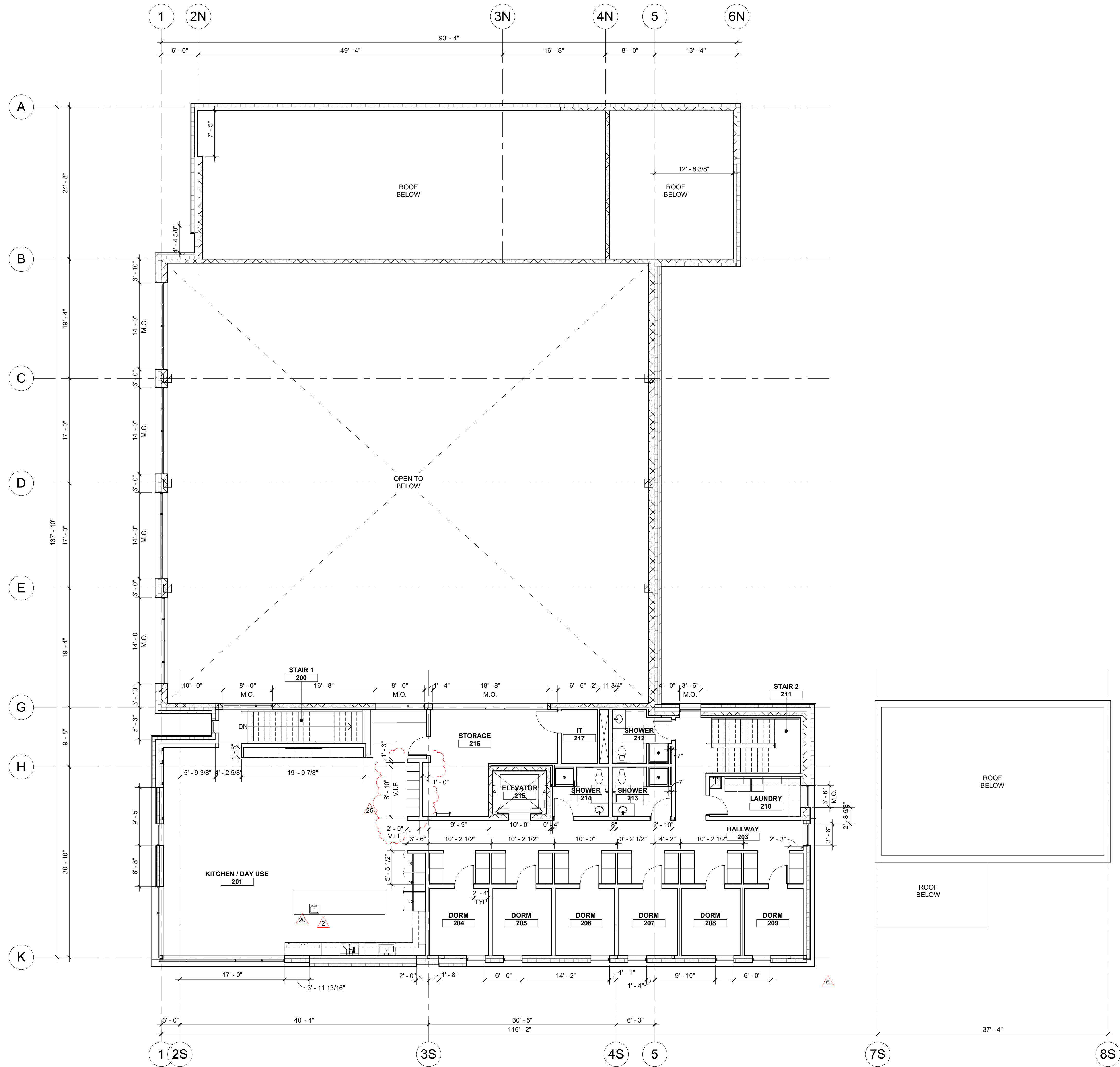
ATTACHMENTS:

DRAWINGS:

- A2.02 – FLOOR PLAN – LEVEL 02
- A2.22 - DIMENSIONS PLAN – LEVEL 02
- A5.01 – INTERIOR ELEVATIONS
- A5.02 – INTERIOR ELEVATIONS
- A5.21 – INTERIOR DETAILS

END OF ASI





1 LEVEL 02 DIMENSION PLAN
SCALE | 1/8" = 1'-0"



1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC

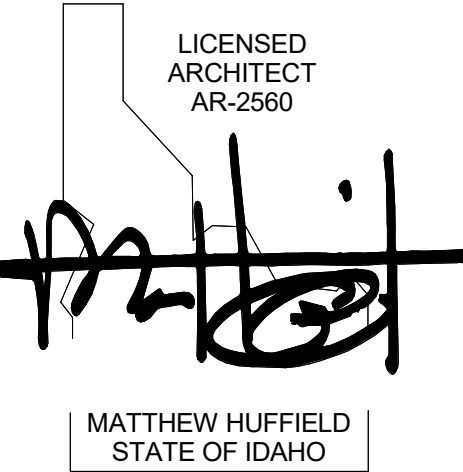


ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3820

BIDDERS ARE INSTRUCTED TO CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS AND THE SITE CONDITIONS. INFORMATION REGARDING THE COMPLETE WORK OF SPECIFIC TRADES IS DISPERSED THROUGHOUT THE ENTIRE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED BY REFERENCE TO OTHER THAN COMPLETE DOCUMENT SETS.

STAMP



CONSULTANT

PROJECT INFORMATION



KETCHUM FIRE STATION NO. 1

107 SADDLE ROAD, KETCHUM, ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE JUNE 19, 2020

JOB NUMBER 18-022

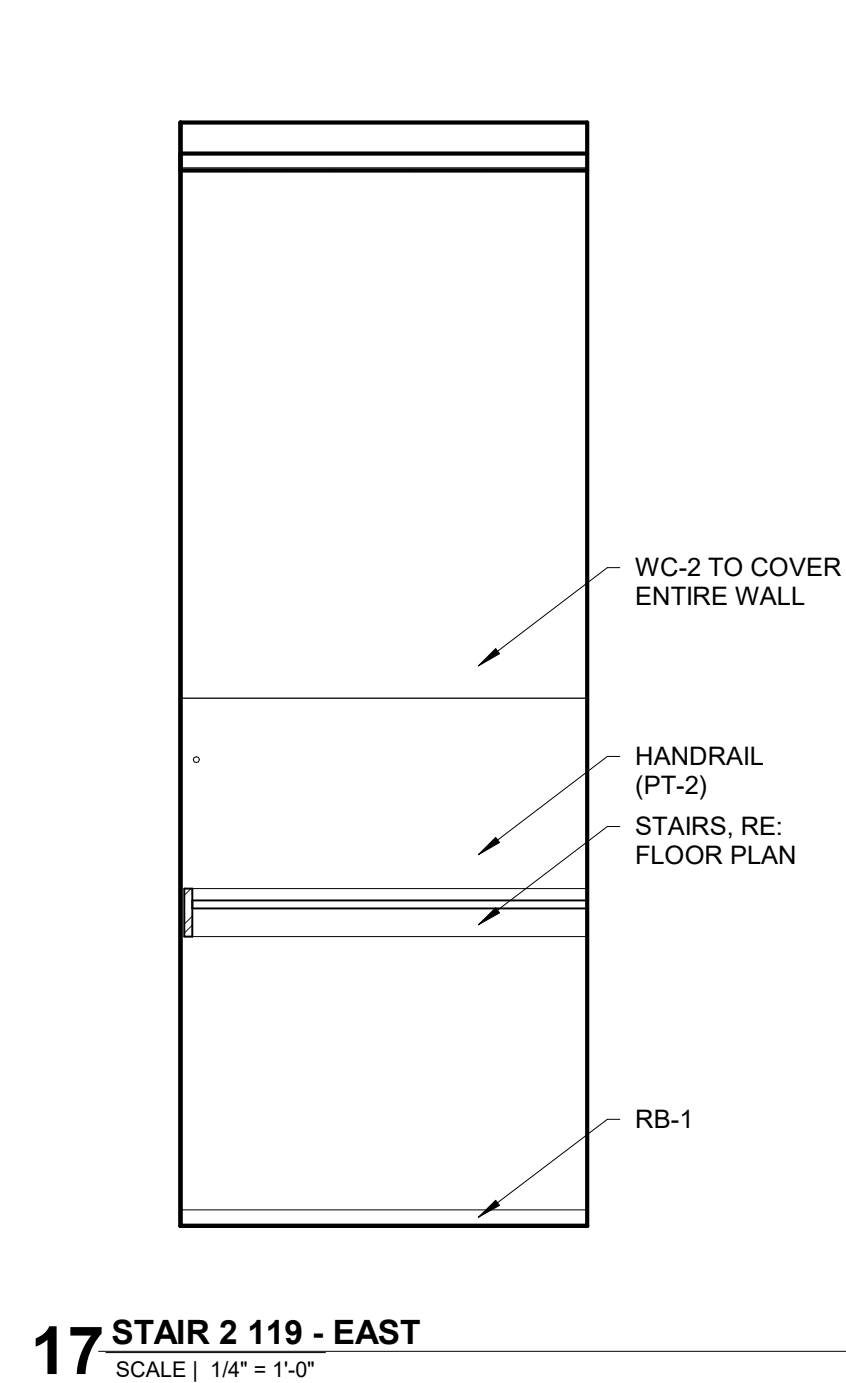
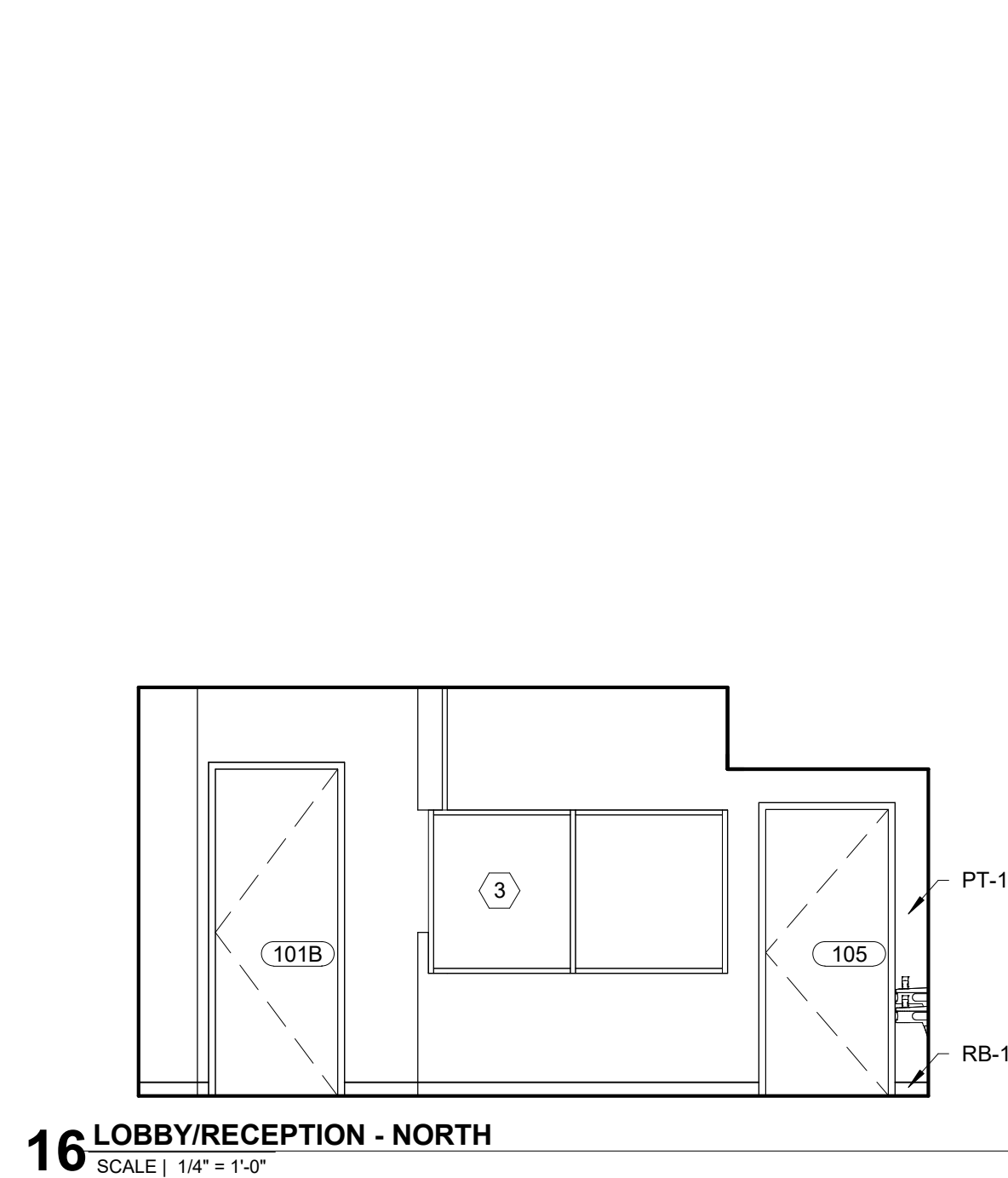
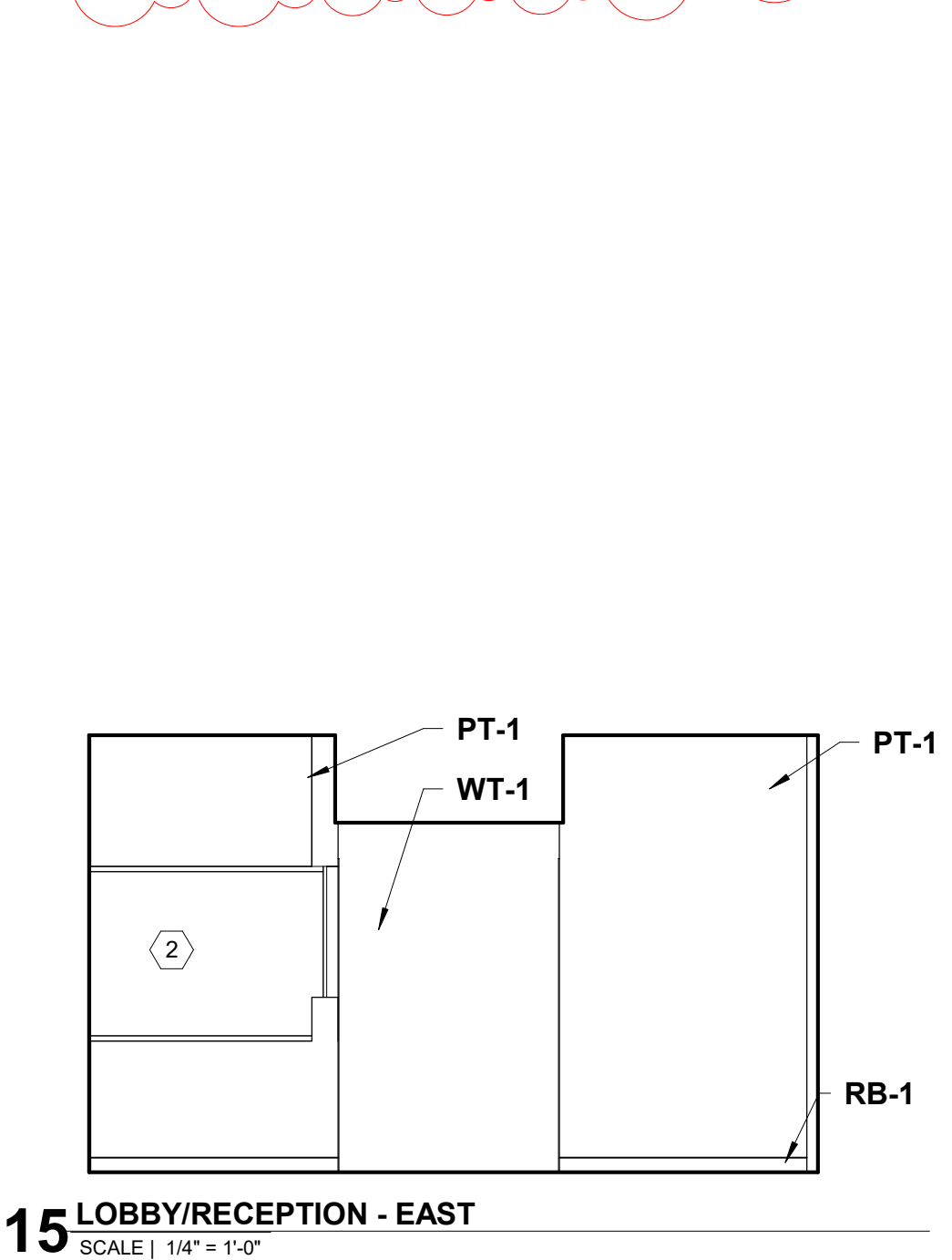
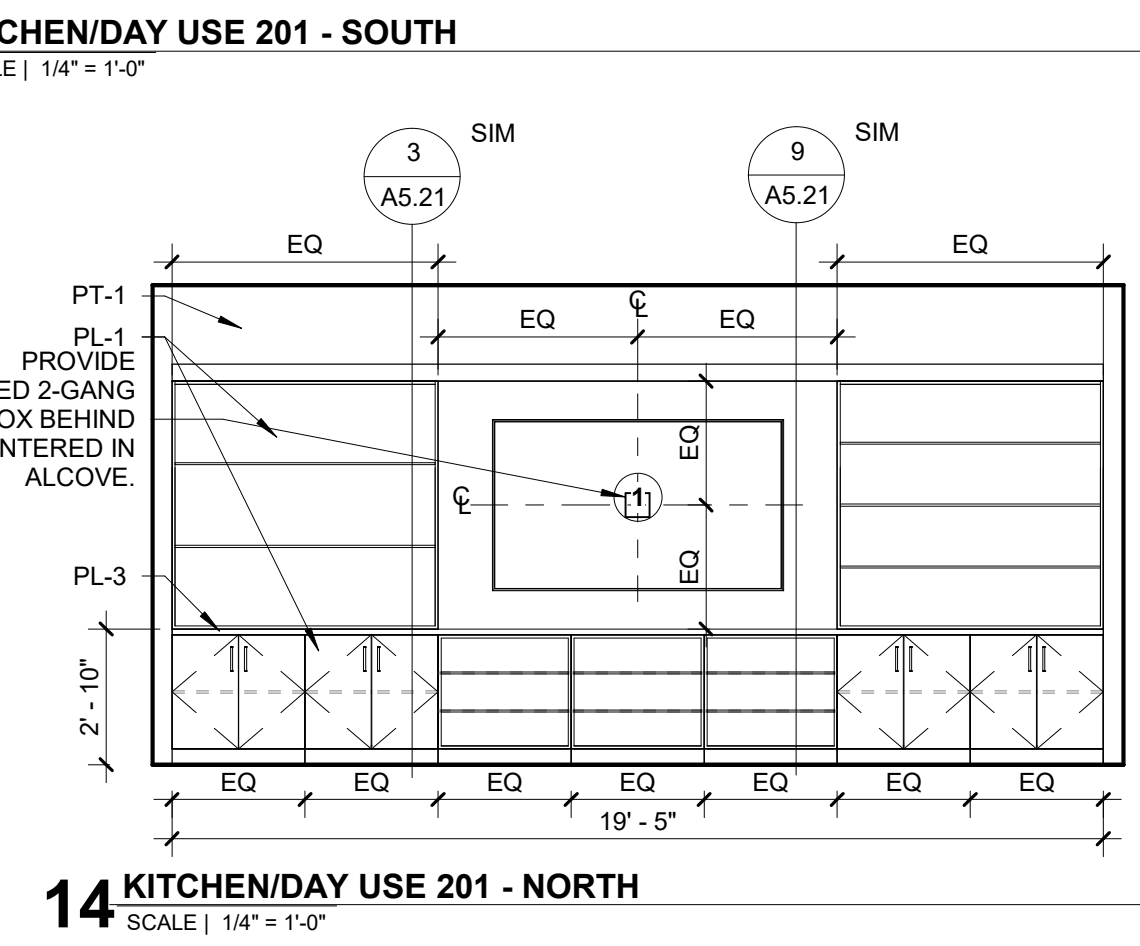
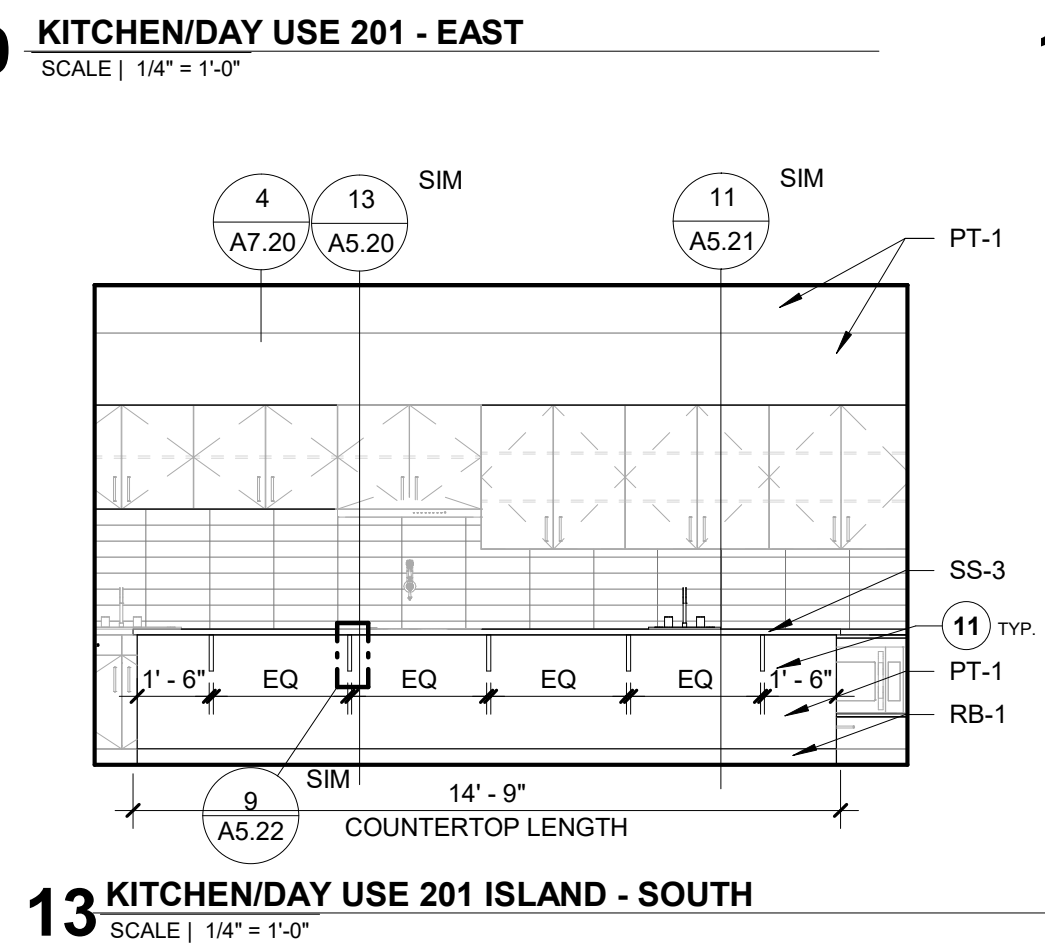
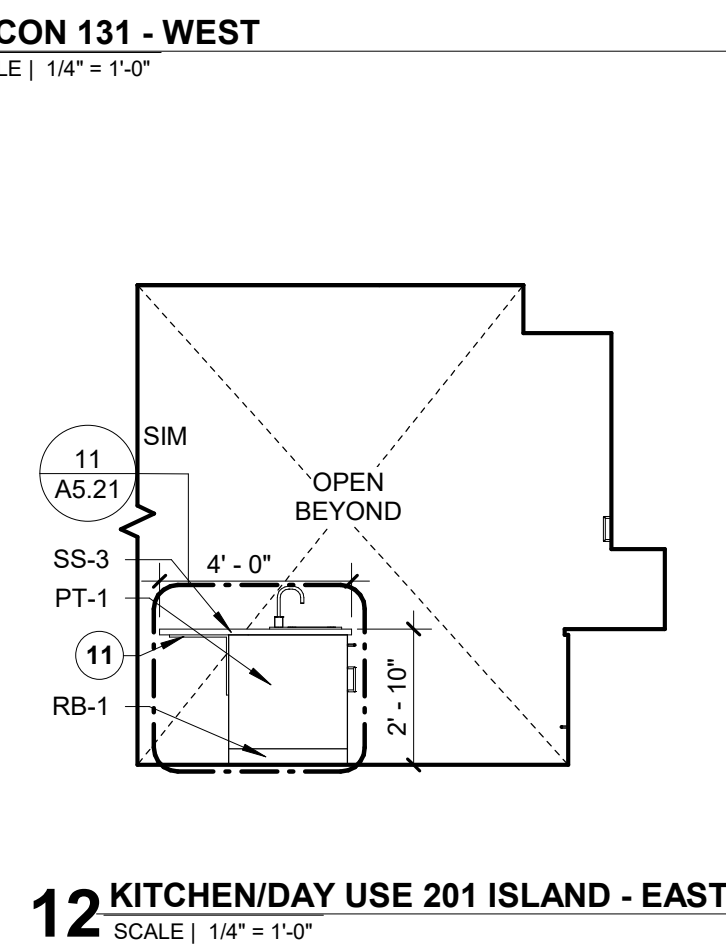
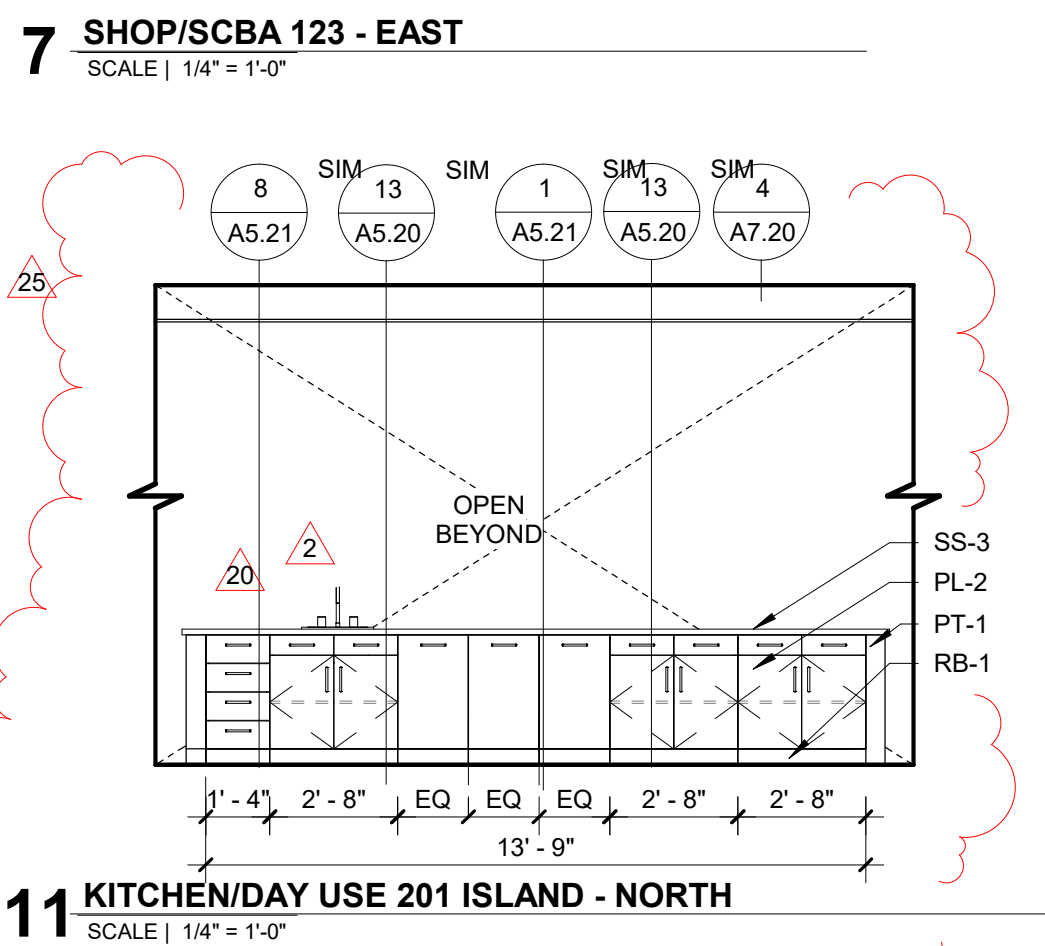
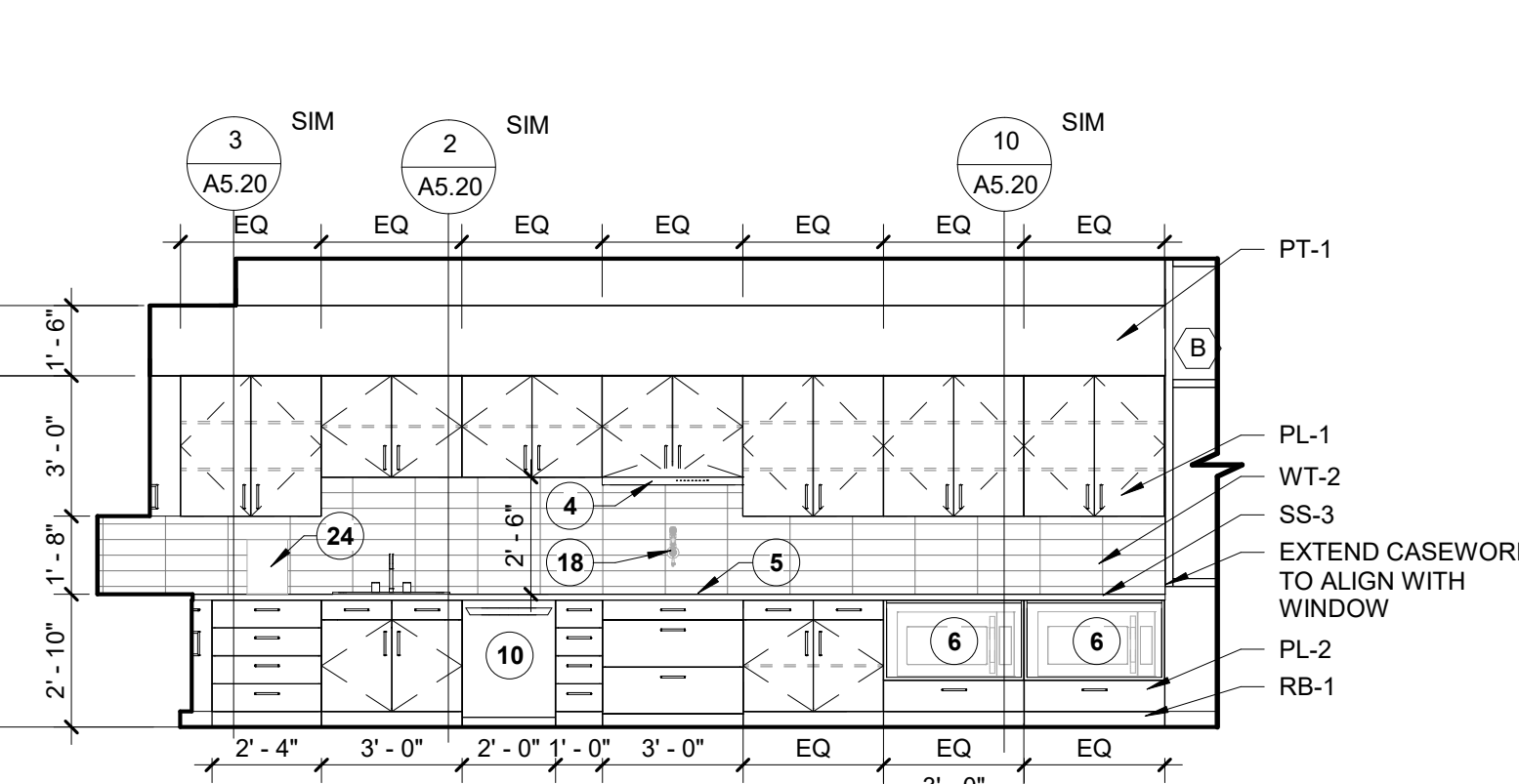
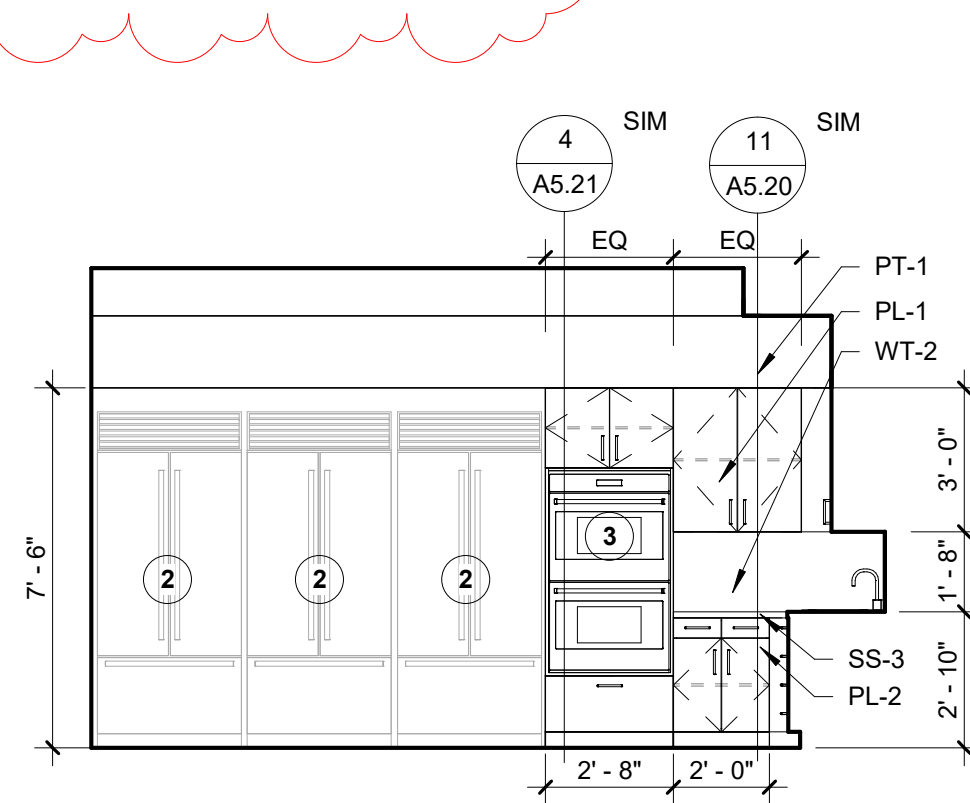
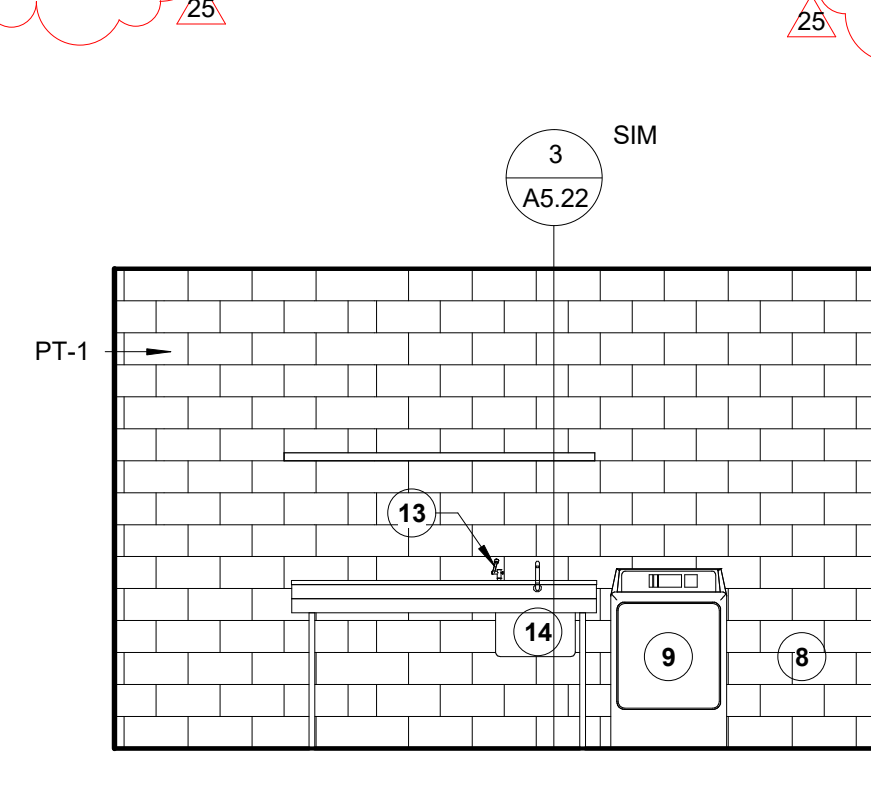
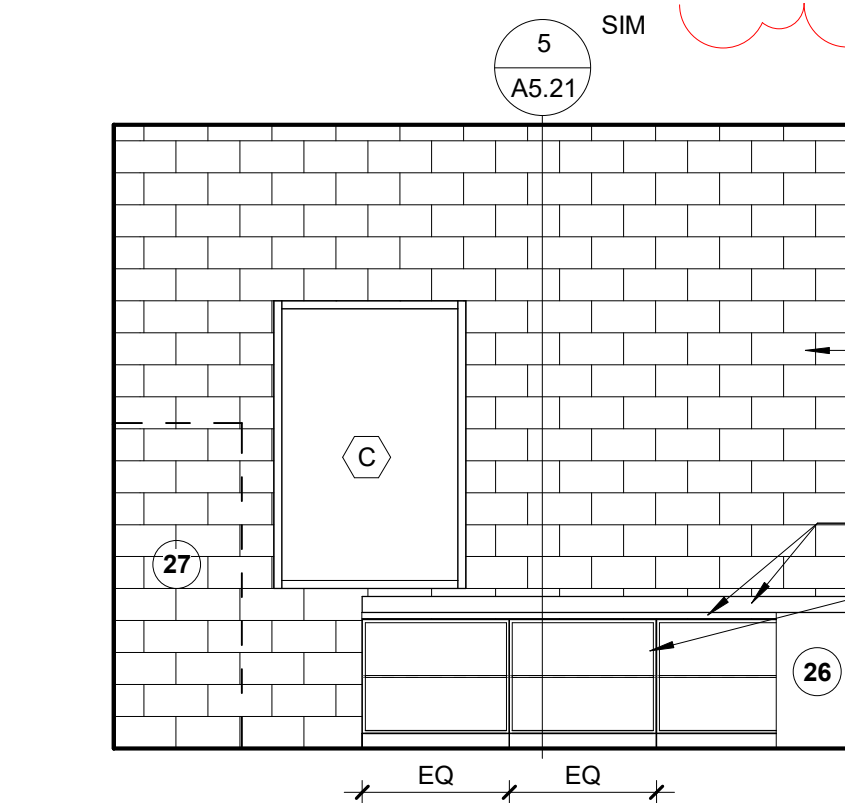
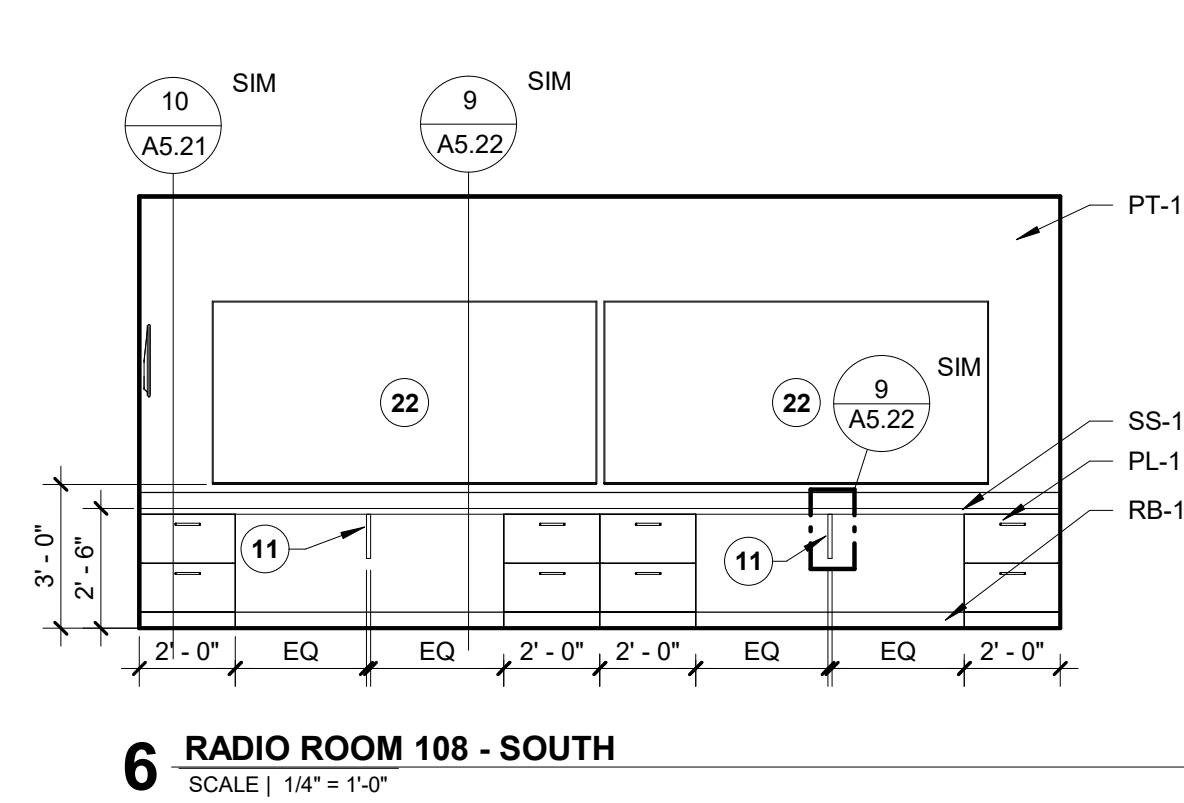
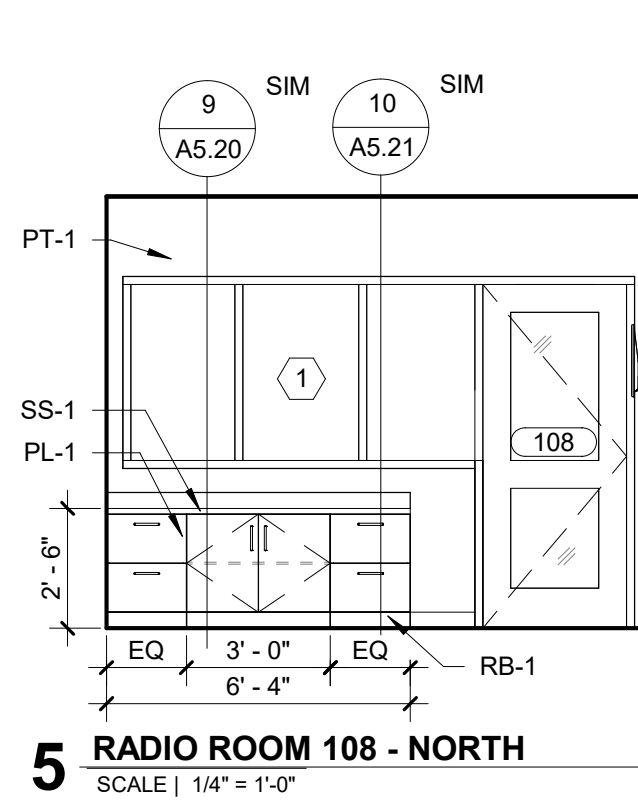
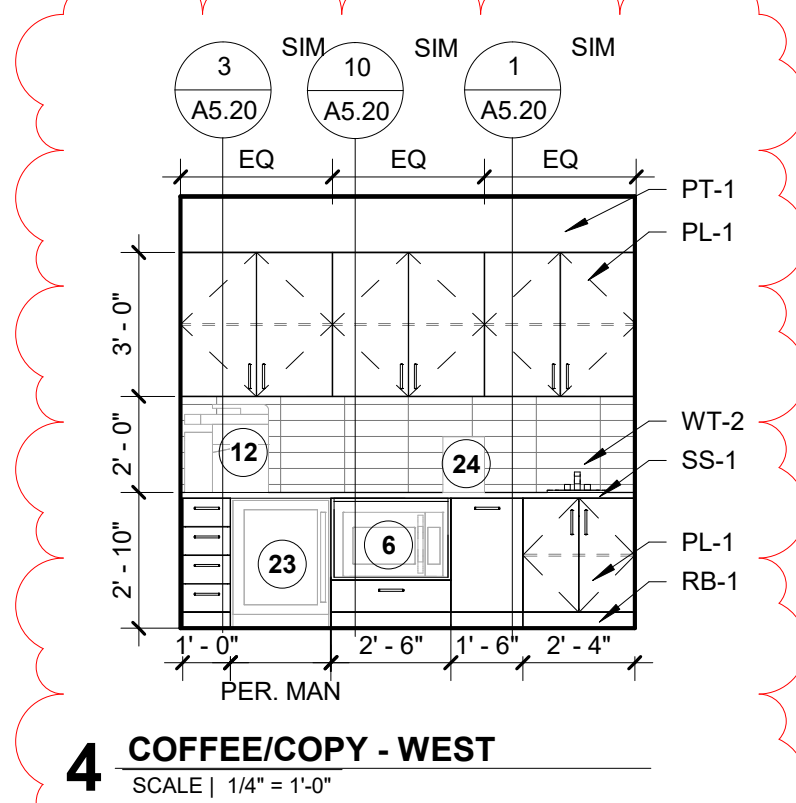
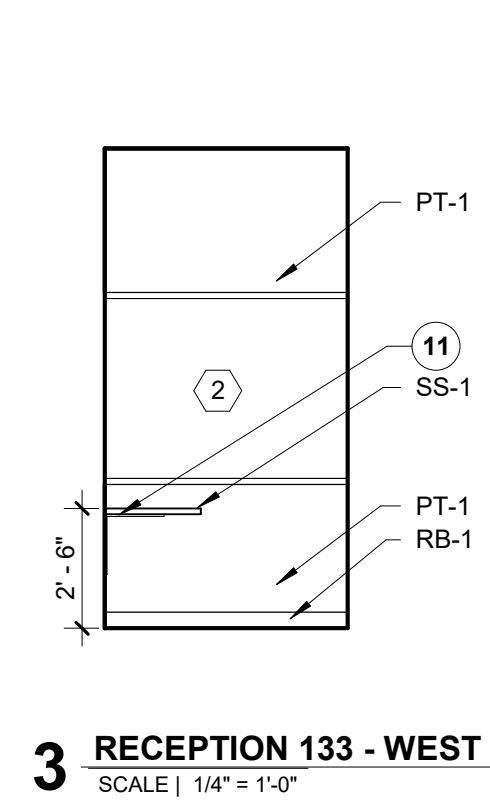
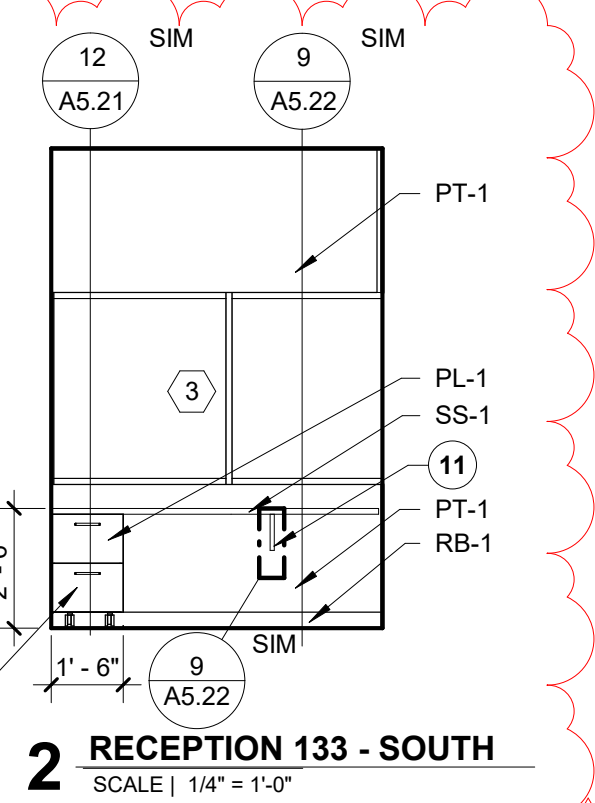
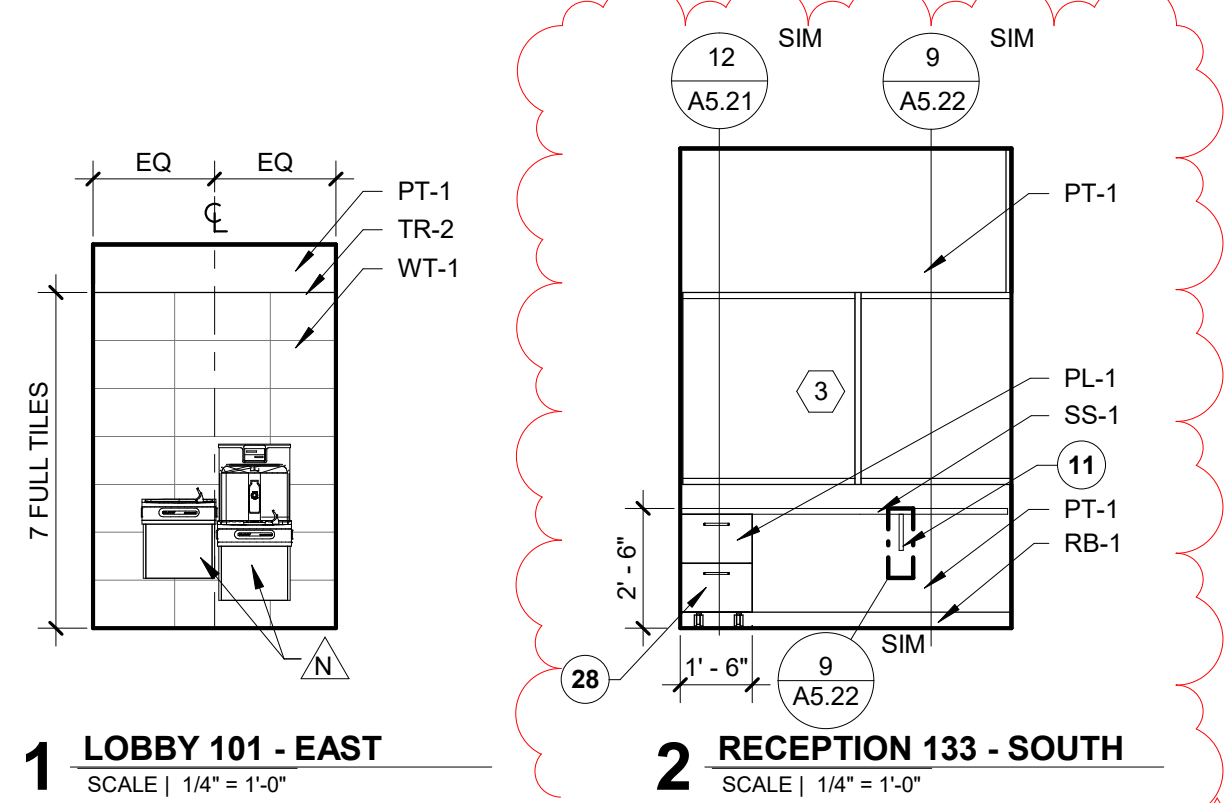
MARK	DATE	DESCRIPTION
25	5/3/21	ASI 07
20	1/29/21	ASI 05
6	8/17/20	ASI 2
2	7/17/20	ASI 1

SHEET NAME

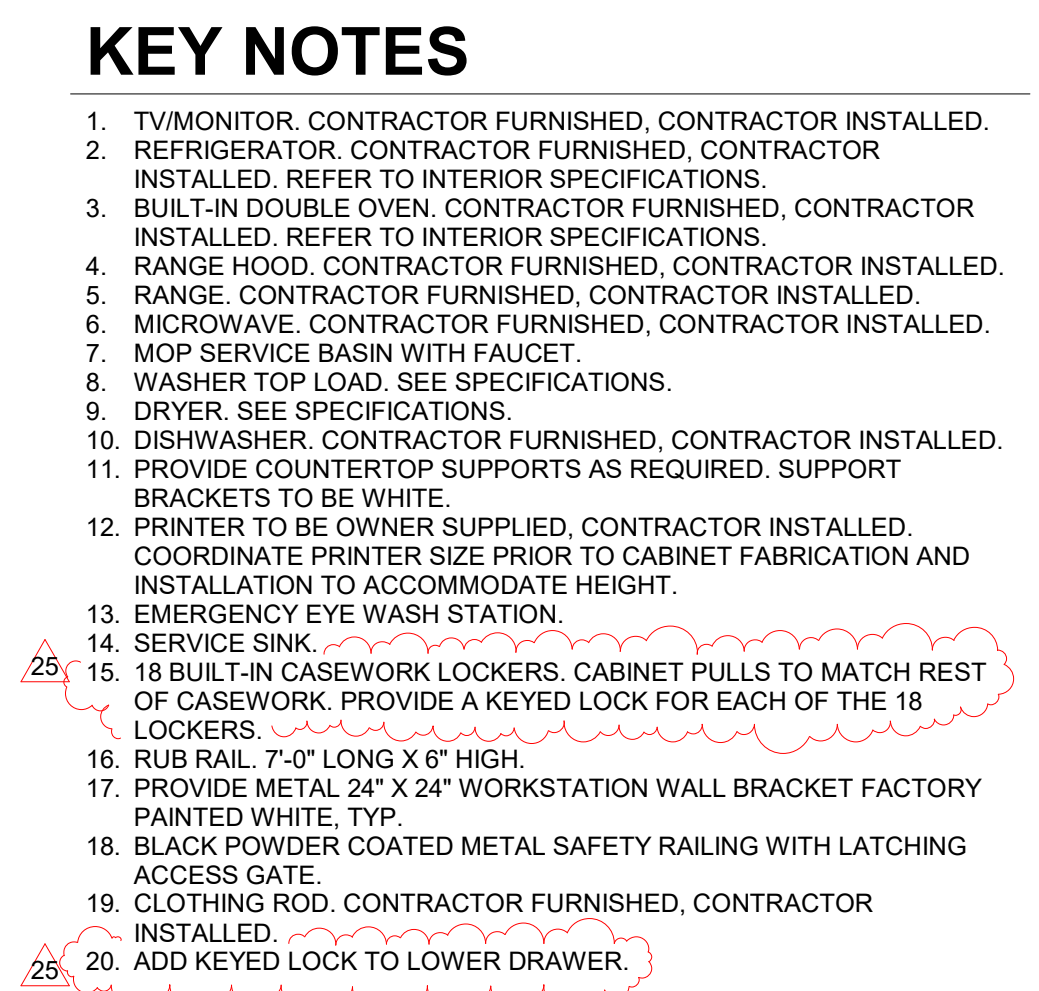
DIMENSION PLAN - LEVEL 02

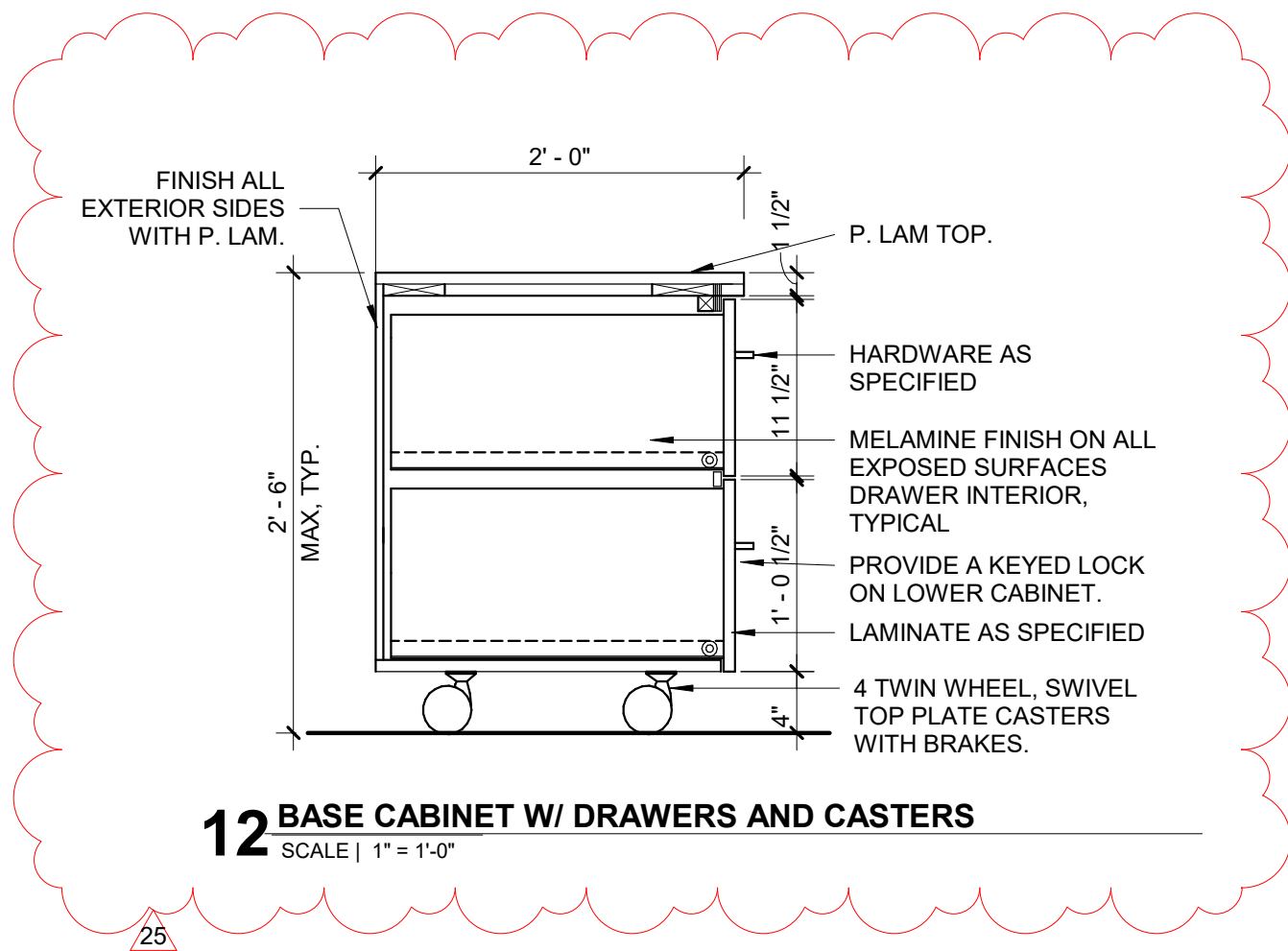
SHEET NUMBER

A2.22

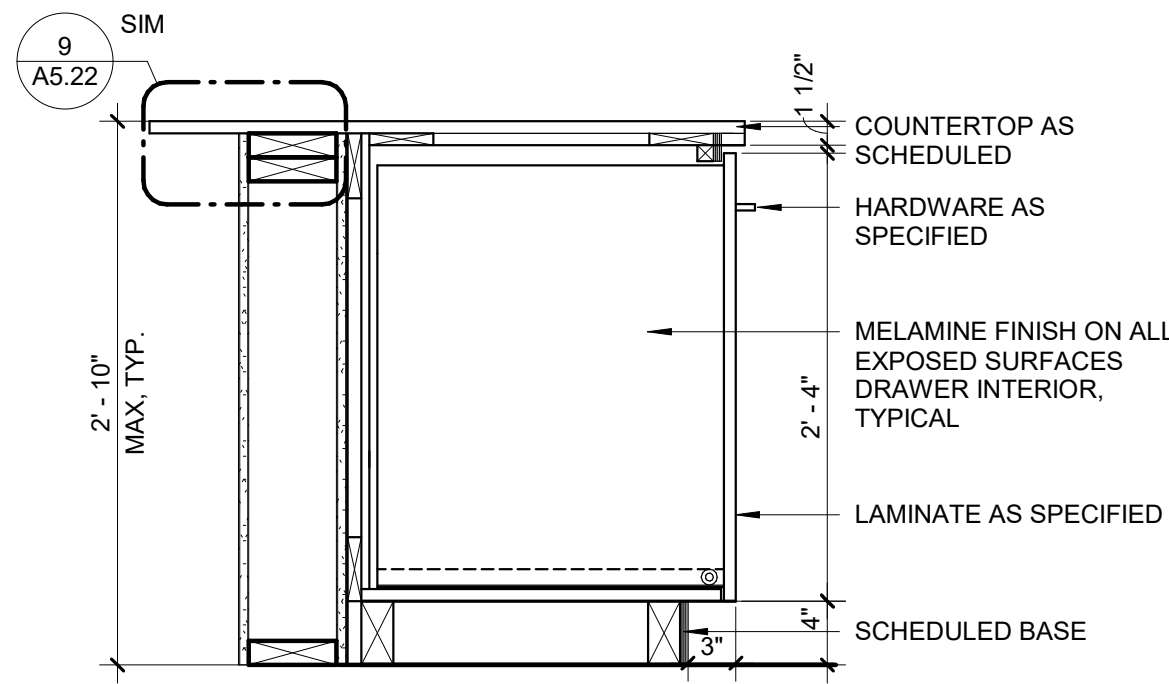


A5.01

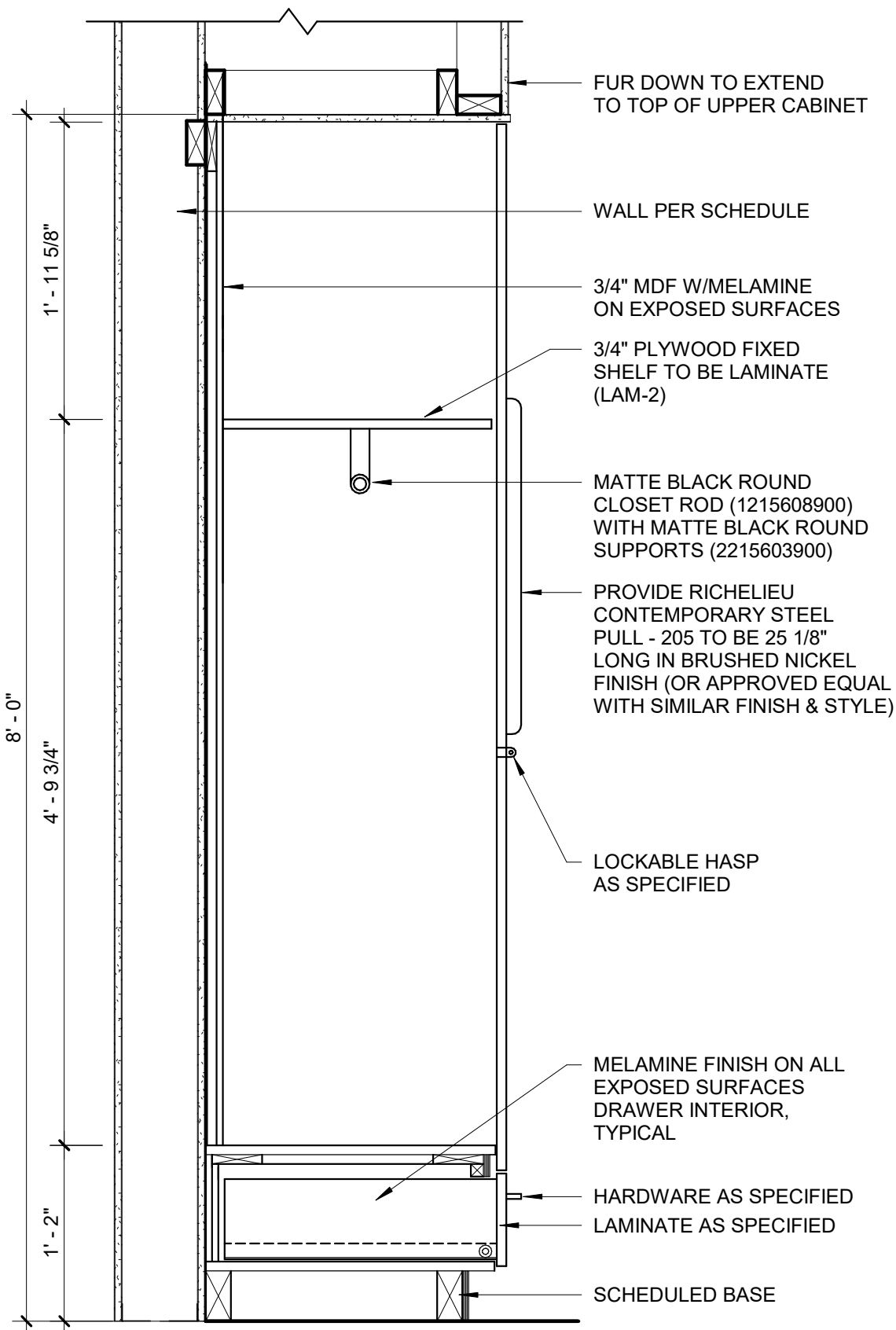




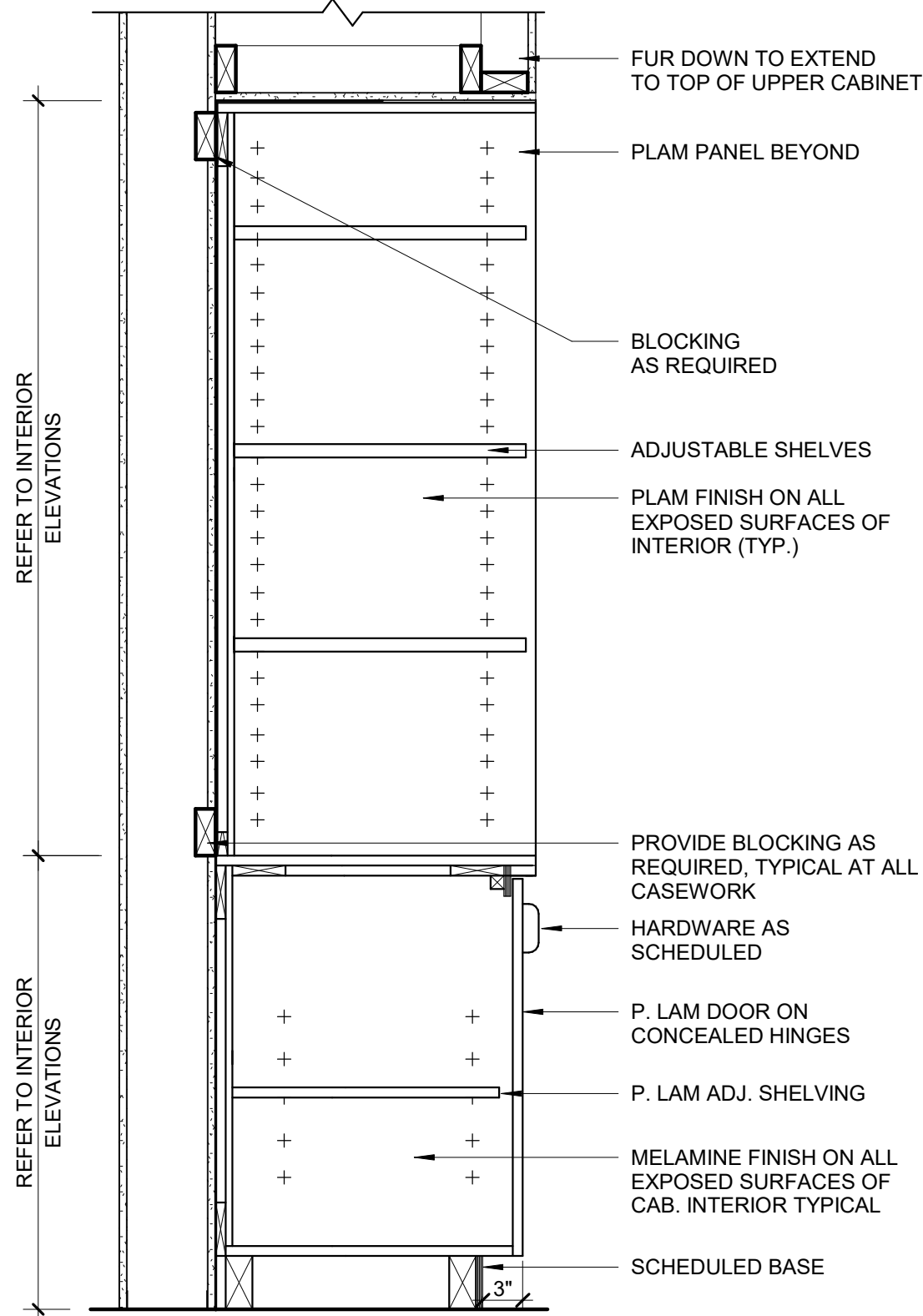
25.



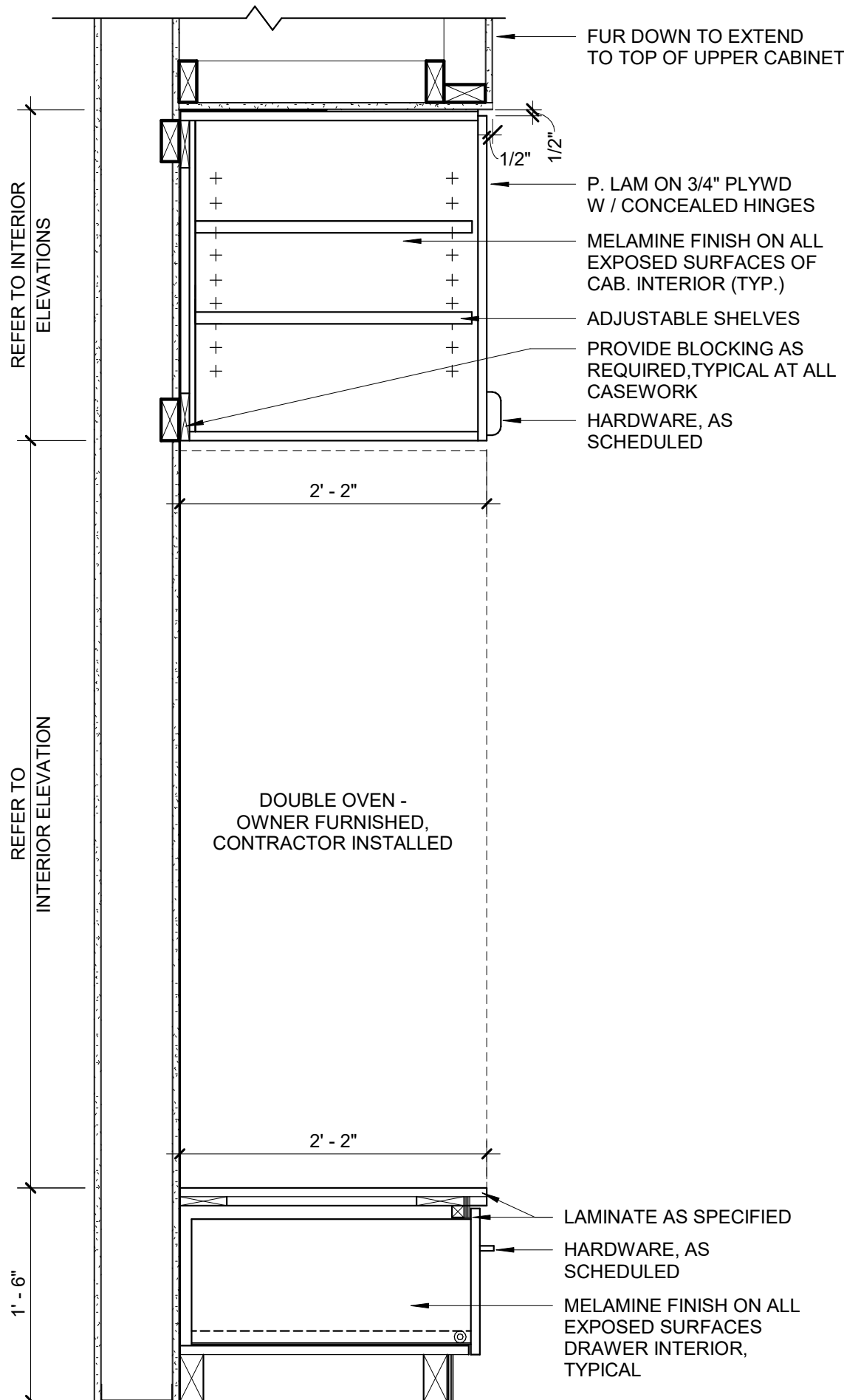
1 BASE CABINET DRAWER @ KITCHEN ISLAND
SCALE | 1" = 1'-0"



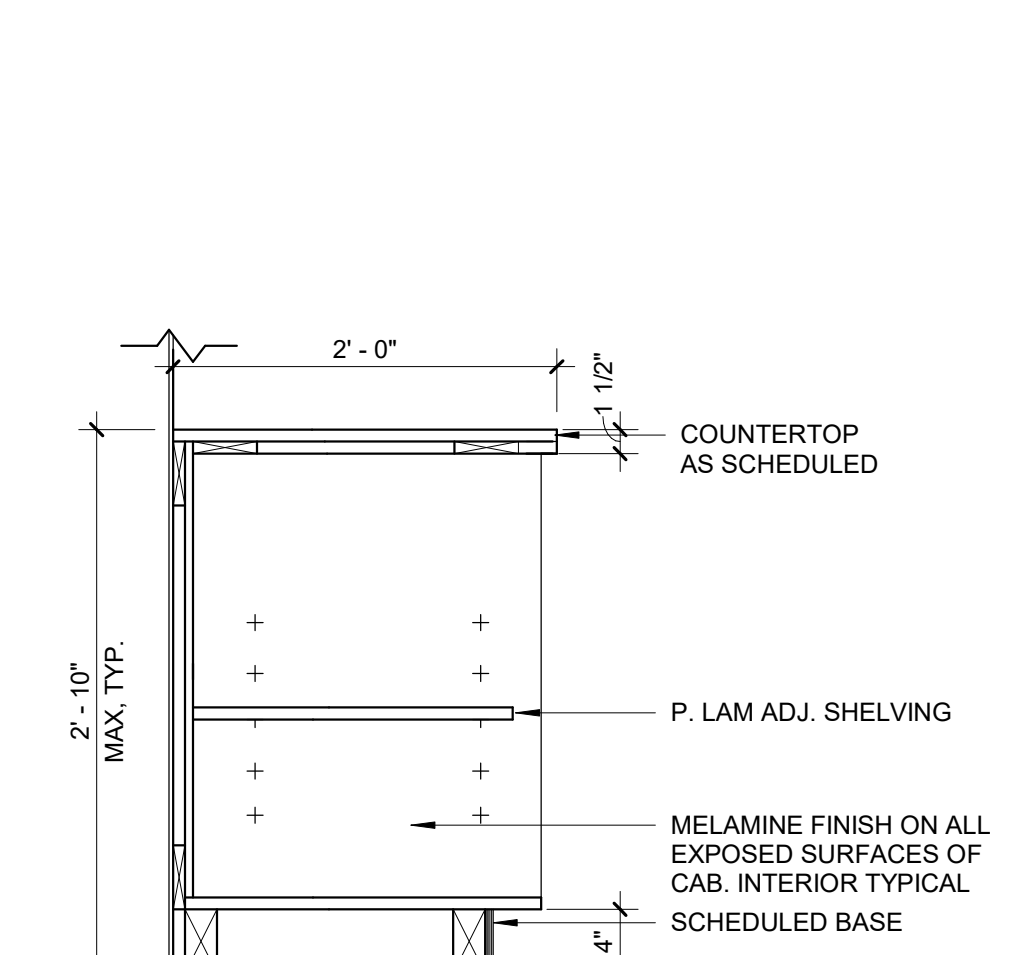
2 DORM CLOSET CASEWORK
SCALE | 1" = 1'-0"



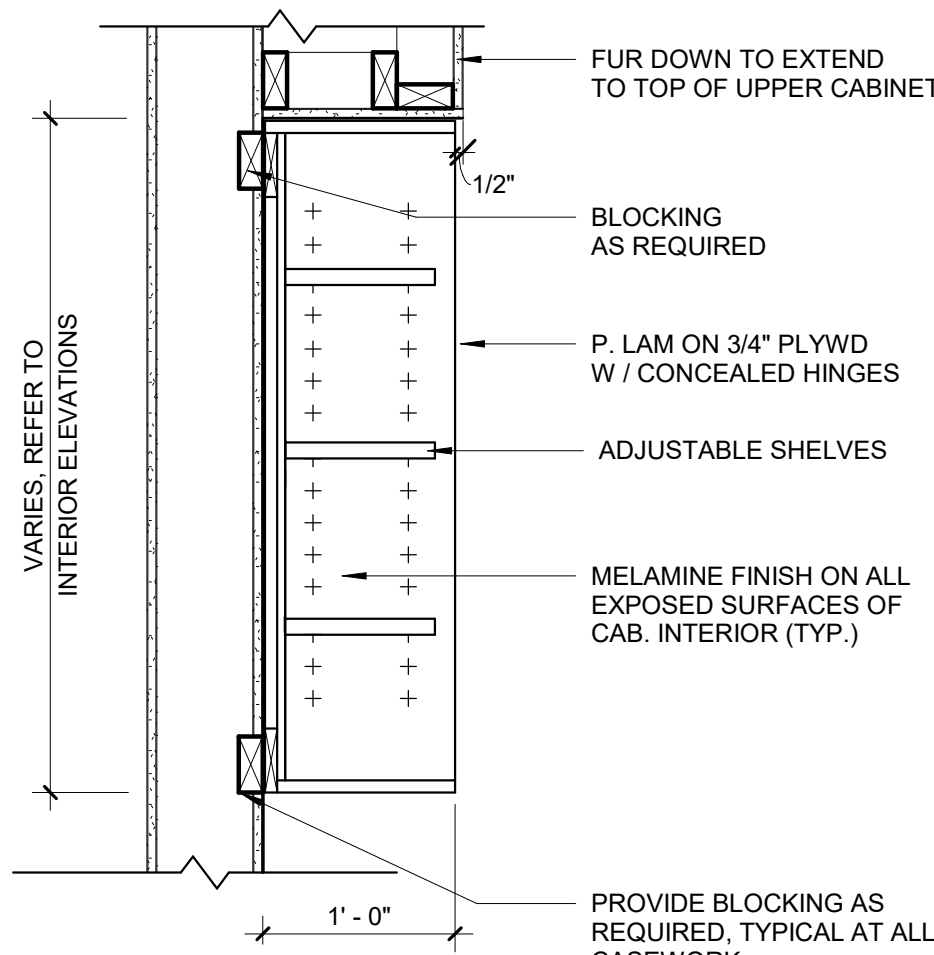
3 ENTERTAINMENT CENTER
SCALE | 1" = 1'-0"



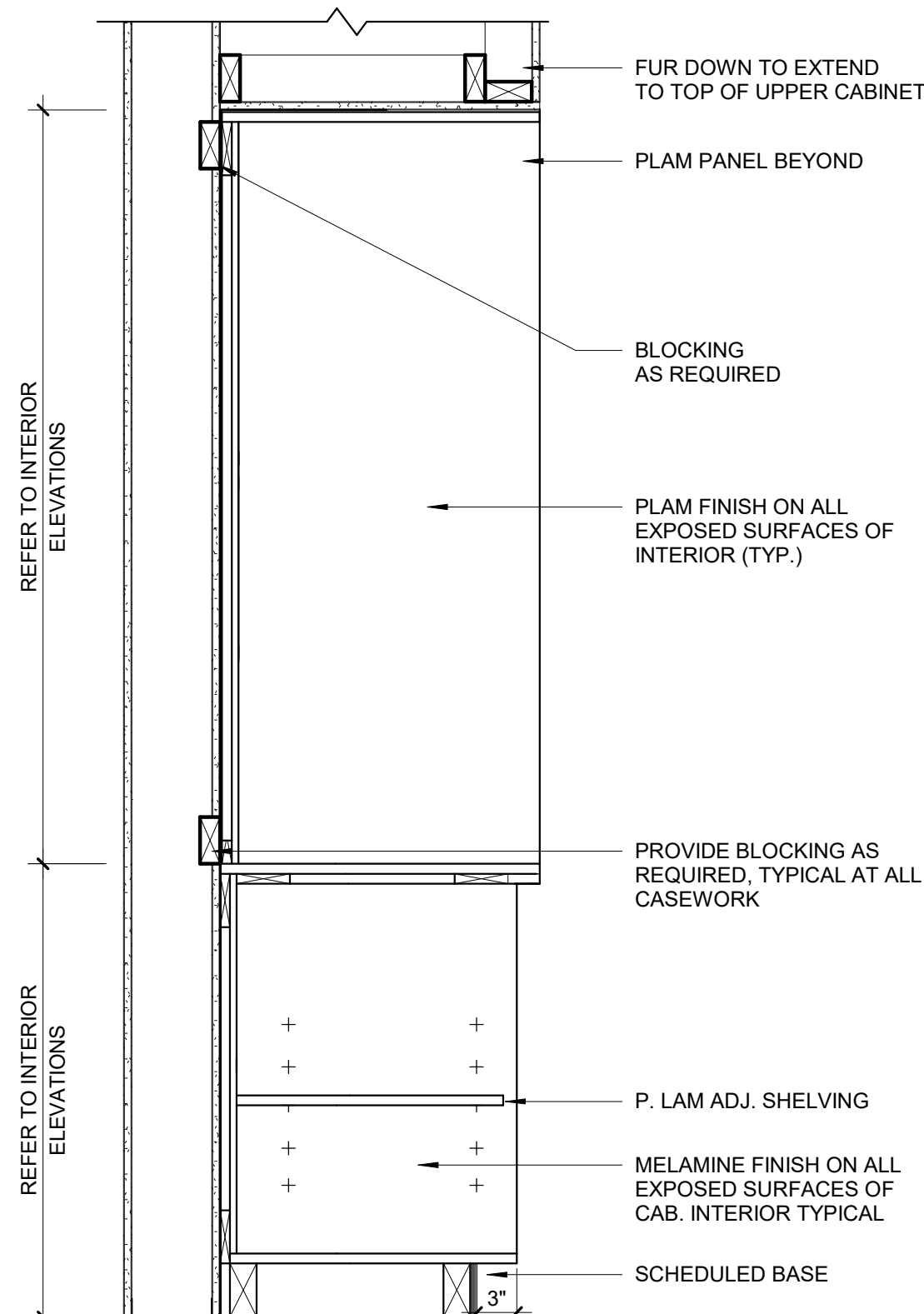
4 BASE CABINET W/UPPER & DOUBLE OVEN
SCALE | 1" = 1'-0"



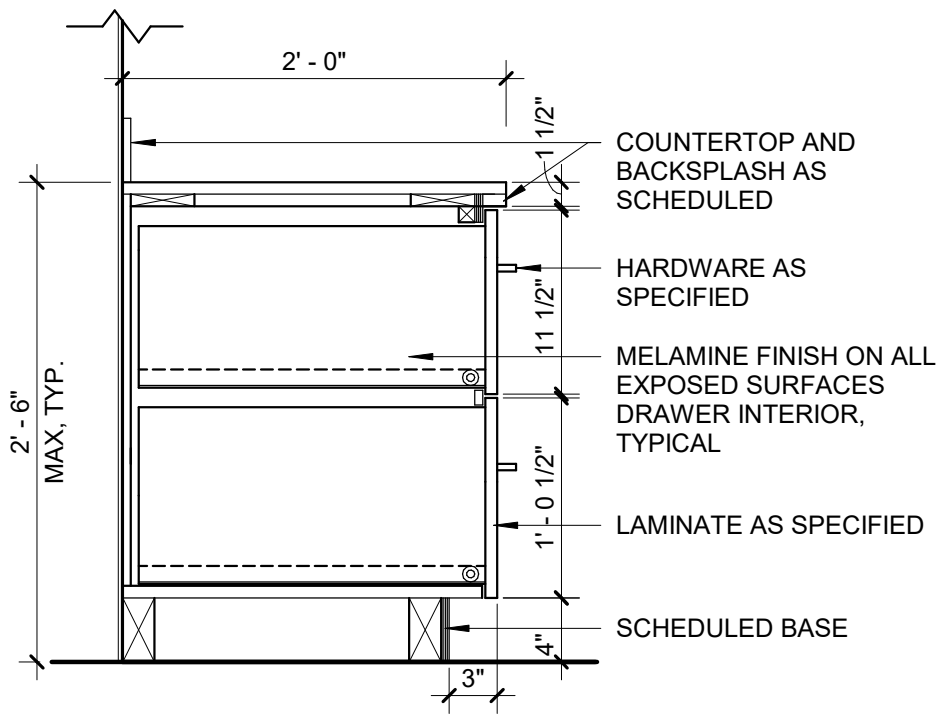
5 BASE OPEN CABINET
SCALE | 1" = 1'-0"



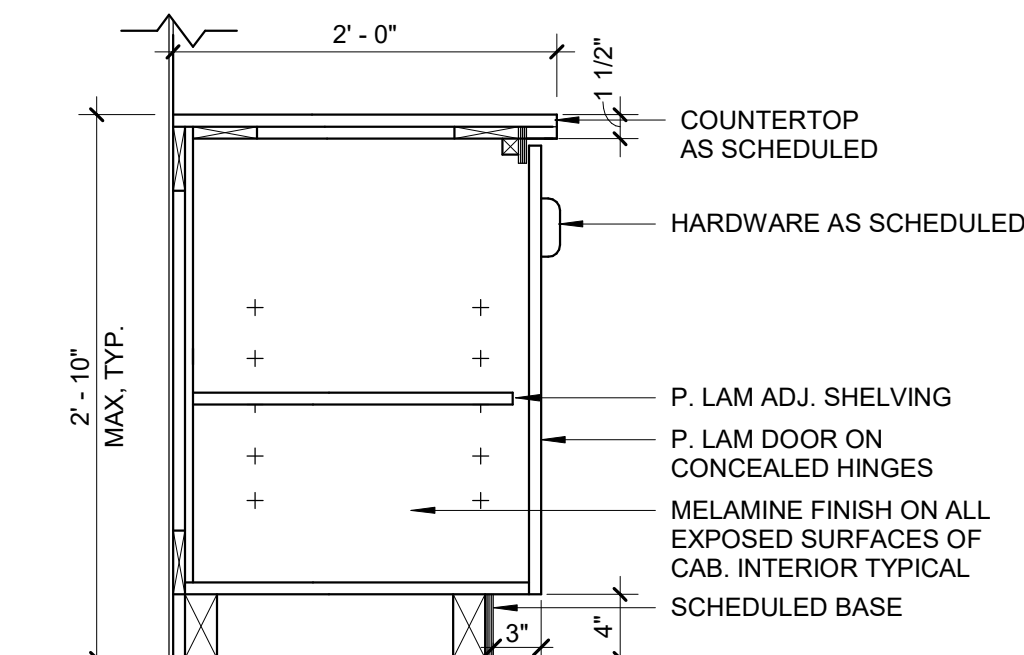
6 UPPER OPEN CABINET
SCALE | 1" = 1'-0"



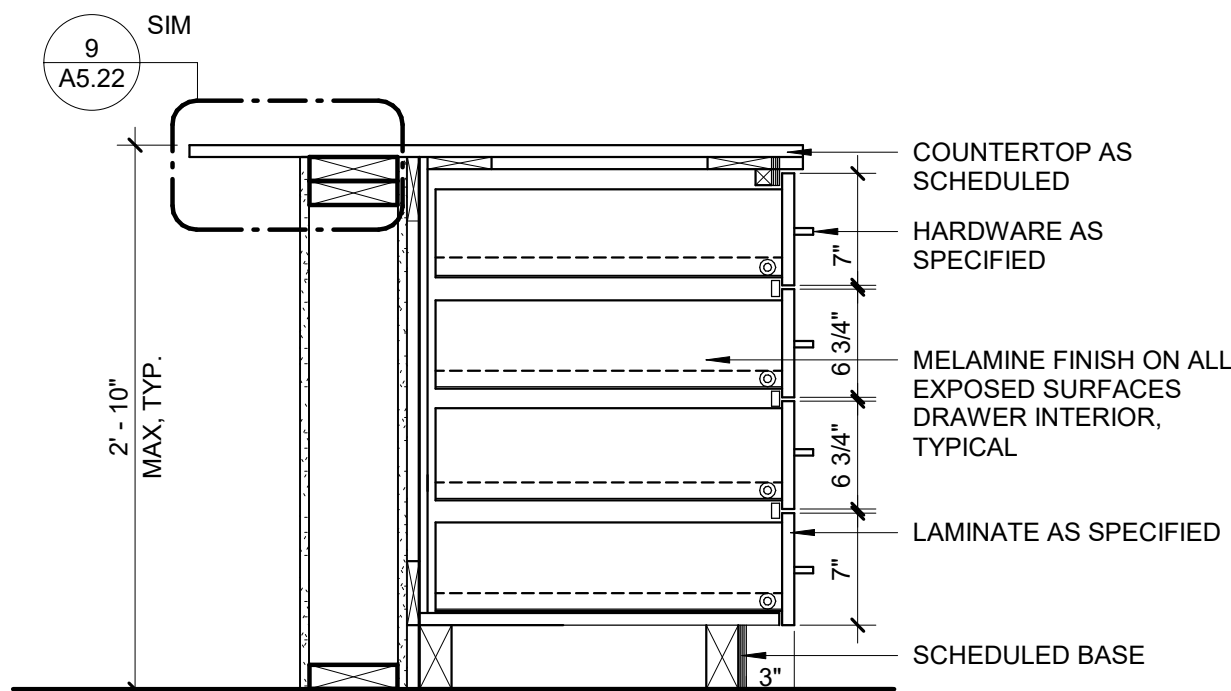
9 ENTERTAINMENT CENTER W/ LOWER SHELF
SCALE | 1" = 1'-0"



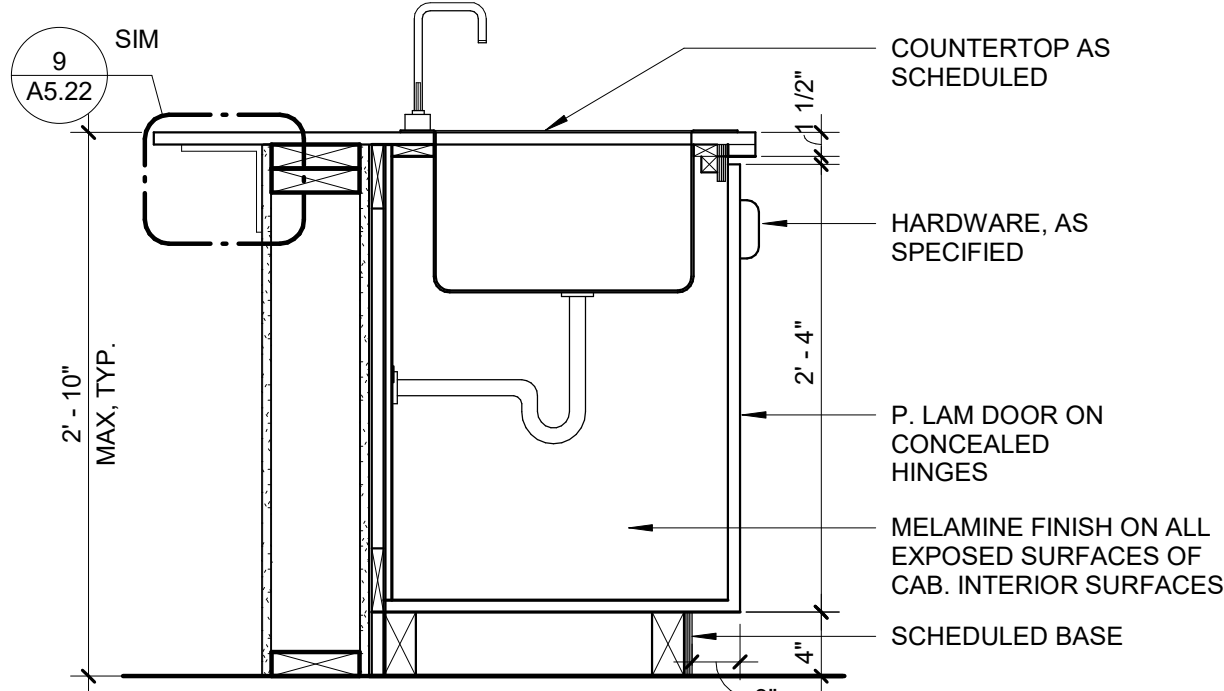
10 BASE CABINET W/DRAWERS
SCALE | 1" = 1'-0"



7 BASE CABINET
SCALE | 1" = 1'-0"



8 BASE CABINET W/DRAWERS @ KITCHEN ISLAND
SCALE | 1" = 1'-0"



11 BASE CABINET W/SINK @ KITCHEN ISLAND
SCALE | 1" = 1'-0"



1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC

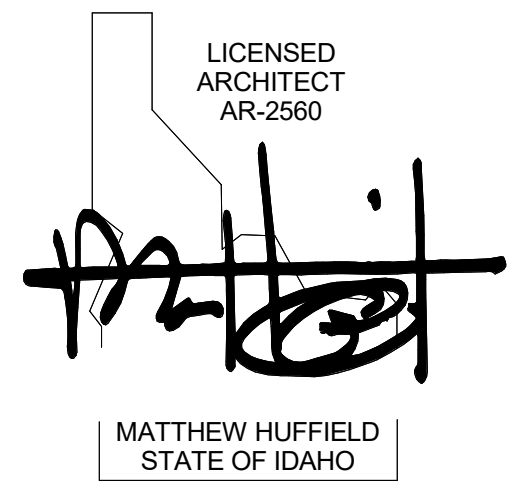


ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3820

BIDDERS ARE INSTRUCTED TO CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS AND THE SITE CONDITIONS. INFORMATION REGARDING THE COMPLETE WORK OF SPECIFIC TRADES IS DISPERSED THROUGHOUT THE ENTIRE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED BY REFERENCE TO OTHER THAN COMPLETE DOCUMENT SETS.

STAMP



CONSULTANT

PROJECT INFORMATION



KETCHUM FIRE
STATION NO. 1

107 SADDLE ROAD, KETCHUM, ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE JUNE 19, 2020

JOB NUMBER 18-022

MARK	DATE	DESCRIPTION
25	5/3/21	ASI 07

SHEET NAME

INTERIOR DETAILS

SHEET NUMBER

A5.21



Building. Growing. Leading. ...Since 1937.

Budget Evolution Item Summary

City of Ketchum Fire Station #1

ASI-08/RFI-186 Revised Accessories

Date: 5/26/2021

Description: Revise accessory type and location per ASI-08 and RFI-186

SCOPE	SUBCONTRACTOR	AMOUNT
Wall revisions and repairs	Interior Contractors	\$ 541.00
Wall Accesory adjustments per RFI-186r	Office Environment Co.	\$ 1,227.00
SUBTOTAL:		\$ 1,768.00
SUBTOTAL reflects direct costs only on the presumption that costs will come from allowances. If costs are reimbursed by Change Order, TOTAL AMOUNT below reflects the SUBTOTAL with add of agreed upon markup in accordance with the change order pricing.		
Bond and Insurance	CORE	\$ 37.00
CMAR FEE	CORE	\$ 79.00
Sales Tax	CORE	\$ -
TOTAL AMOUNT:		\$ 1,884.00

INTERIOR CONTRACTORS, INC.

PO. BOX 3873
HAILEY, ID
83333

Invoice

Date	Invoice #
5/25/2021	5103

Bill To
CORE CONSTRUCTION CO.

Terms	Project
Due on receipt	ID-COK FIRE STA...

Description	Amount
PER INCON CO #00224	320.00
PER INCON CO #00243	221.00
Thank you for your business.	
Total	\$541.00

Phone #	E-mail
1 208 481- 0311	john.incon@gmail.com

Interior Contractors, Inc.
PO Box 3873
Halley, ID 83333

CHANGE ORDER

TO *Cole Construction*

208-481-0311

Number 00224

DATE	5-25-2021
FOR NAME OF PROJECT	<i>Ketchikan</i>
FOR MANAGER	<i>Jim</i>
EXISTING CONTRACT NO.	
DATE OF EXISTING CONTRACT	

We hereby agree to make the change(s) specified below:

2nd floor restrooms 212, 213, and 214
Recent paper towel dispenser and trash
This was on odd per core and
Cole Architects.
Total hr = 6

4- 10FT X 3 5/8 metal studs - 20 gauge
2- 10FT X 3 5/8 metal track - 20 gauge

NOTE: This Change Order becomes part of and in conformance with the existing contract.

WE AGREE hereby to make the change(s) specified above at this price ☐

DATE 5/25/21

AUTHORIZED SIGNATURE (CONTRACTOR)

PREVIOUS CONTRACT AMOUNT \$

REVISED CONTRACT TOTAL \$

\$

\$

\$ 320.00

ACCEPTED — The above prices and specifications of this Change Order are satisfactory and are hereby accepted. All work to be performed under same terms and conditions as specified in original contract unless otherwise stipulated.

Date of acceptance

Signature

(OWNER)

Interior Contractors, Inc.
PO Box 3873
Halley, ID 83333

TO

208-481-0311

Core Construction

CHANGE ORDER

Number 00243

PROJECT	DATE
JOB NAME/LOCATION	5-25-2021
JOB NUMBER	Ketchikan Fair
EXISTING CONTRACT NO.	JOB PHONE
	DATE OF EXISTING CONTRACT

We hereby agree to make the change(s) specified below:

1st floor restrooms 104 and 105
recessed paper towel dispenser and track.
This was on call per Core and
Cole architects.

Total hr = 4

2- 10FT 3 5/8 metal studs - 20 gauge
1- 10FT 3 5/8 metal track - 20 gauge

NOTE: This Change Order becomes part of and in conformance with the existing contract.

WE AGREE hereby to make the change(s) specified above at this price ⇨

DATE 5/25/21		\$	
AUTHORIZED SIGNATURE (CONTRACTOR) <i>[Signature]</i>	PREVIOUS CONTRACT AMOUNT	\$	
	REVISED CONTRACT TOTAL	\$	221 00

ACCEPTED — The above prices and specifications of this Change Order are satisfactory and are hereby accepted. All work to be performed under same terms and conditions as specified in original contract unless otherwise stipulated.

Date of acceptance

Signature

(OWNER)



OFFICE ENVIRONMENT COMPANY
623 S. Americana Blvd | Boise, ID 83702 | w: 208-385-0507 | www.oecworks.com

CoK Fire Station Project Change Order Proposal

Change Order Request # 3

Date: 5/21/21

To: Core Construction
Attn: John Brown
Email: johnbrown@coreconstruction.com

Change Order Description:

Supply and Install additional Items per approved submittal.
Provide Credit for removed items from approved submittal.

Scope of Work Description & Clarifications	Amount
10 28 00 Supply and Install of added items: -Recessed automatic paper towel dispenser and waste receptacle combo unit ; Additional 2 (B-39747) -Counter mounted automatic soap dispenser; Additional 3 (B-824)	\$2,315.67
10 28 00 Credit for Removed Items: -Stainless steel shelf; Removed 1 (B-295) -Double coat hook; Removed all 12 (B-549) -Recessed paper towel dispenser; Removed 3 (B-35903)	-\$1,088.73
Total Change Order Amount	\$1,226.95

Ian Phillips
iphillips@oecworks.com
248-933-8891
623 S. Americana Blvd
Boise, ID 83702

Proposal Acceptance & Agreement

The undersigned hereby accepts, agrees to and Acknowledges OEC's proposal

Signature:
Printed Name:
Title:
Date:



Bobrick Washroom Equipment, Inc.

Washroom Accessory Submittal

Quote No: USJZC000064-1
Quote Date: 6/12/2020
Job Name: Ketchum Fire

O E C SOLUTIONS
623 S AMERICANA BLVD
BOISE, ID 837026732

Item		Description	Qty
4288 ✓		Contura Surf Mtd Tp Disp	✓ 7
4221 ✓		Contura Seat Cover Dispenser	✓ 7
270 ✓		Contura Surf Mtd Napkin Disp	✓ 7
39747 ✓	(+2)	Rec Roll Towel Disp W/18 Gal (68L) Waste	6 7 4
239X34 ✓		Shelf And Mop Holder-34 In	✓ 1
824 ✓	(+3)	Automatic No Touch Liquid Soap Series C	7 4
6806.99X18 ✓		Straight Grab Bar 18" (457Mm) Peened	✓ 2
6806.99X36 ✓		Straight Grab Bar 36" (914Mm) Peened	✓ 2
6806.99X42 ✓		Straight Grab Bar 42" (1067Mm) Peened	✓ 2
KB200-00 ✓		Bcs Horz Cream Wm Provide color 'Grey'	✓ 2
295X18 ✓	(-1)	Shelf 5W By 18 Long	3 4
549	(-12)	Double Hook Not Required, Provide Credit	12
35903 ✓	(-3)	Paper Towel Dispenser	2 1 5

~~Wall mounted paper towel dispenser, similar to model 35903. - Quantity : 3~~



RFI #CC-186: ASI-08 Added Paper Towel Dispenser @ Restroom 214

Status	Open		
To	Alex Goedhart (Cole Architects) Crystal McColly (Cole Architects)	From	JT Brown (CORE Construction - Las Vegas) 777 N Fourth St Boise, Idaho 83702
Date Initiated	May 12, 2021	Due Date	May 19, 2021
Location	Ketchum Fire Station>Fire Station>2nd Floor>214 Shower (SW)	Project Stage	Course of Construction
Cost Impact	Yes (Unknown)	Schedule Impact	TBD
Spec Section		Cost Code	
Drawing Number	A5.00	Reference	
Linked Drawings			
Received From	Tyler Brown (Interior Contractors)		
Copies To	John Allen (Interior Contractors), JT Brown (CORE Construction - Las Vegas), Tyler Brown (Interior Contractors), Karal Comer (Office Environment Company), Cary Goldberg (DPPM Project Management), Bill McLaughlin (City of Ketchum), Levi Newsom (Titan Stone and Tile, LLC), Dennis Potts (DPPM Project Management), Chris Schratwieser (CORE Construction - Las Vegas), Matt Sylvester (CORE Construction - Las Vegas)		

Activity

Question

Question from JT Brown CORE Construction - Las Vegas on Wednesday, May 12, 2021 at 01:39 PM MDT

In ASI 08 recessed paper towel holders were added at the restrooms, however the location shown at Restroom 214 conflicts with the location of an electric heater already roughed-in and drywalled. Please confirm a surface mounted paper towel/trash can be installed on the East wall and provide make and model number.

Awaiting an Official Response

All Replies

Response from Customer Support on Monday, May 17, 2021 at 10:08 AM MDT

emailed from: ["crystal@colearchitects.com"] See attached response.
Crystal McColly, AIA, LEED AP BD+C
COLE/ARCHITECTS
Project Architect
p 208.345.1800 / d 208.605.3404 / c 208.731.9031

Attachments

[RFI #CC-186 - ASI-08 Added Paper Towel Dispenser @ Restroom 214 - Response.pdf](#)

See attached updated sheet A5.00 - INTERIOR ELEVATIONS - RESTROOMS.

List of Sheet Changes:

- #20 - SHOWER 214 - EAST
 - Removed recessed paper towel dispenser (Bobrick - model # B-35903).
- #21 - SHOWER 214 - SOUTH
 - Added recessed paper towel dispenser (Bobrick - model # B-35903).

Crystal McColly
Cole Architects
5/25/21

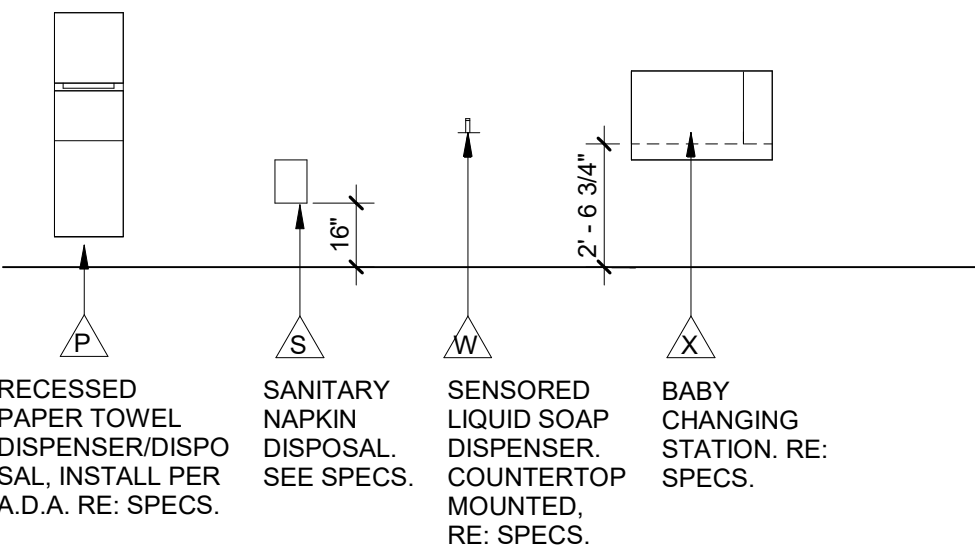
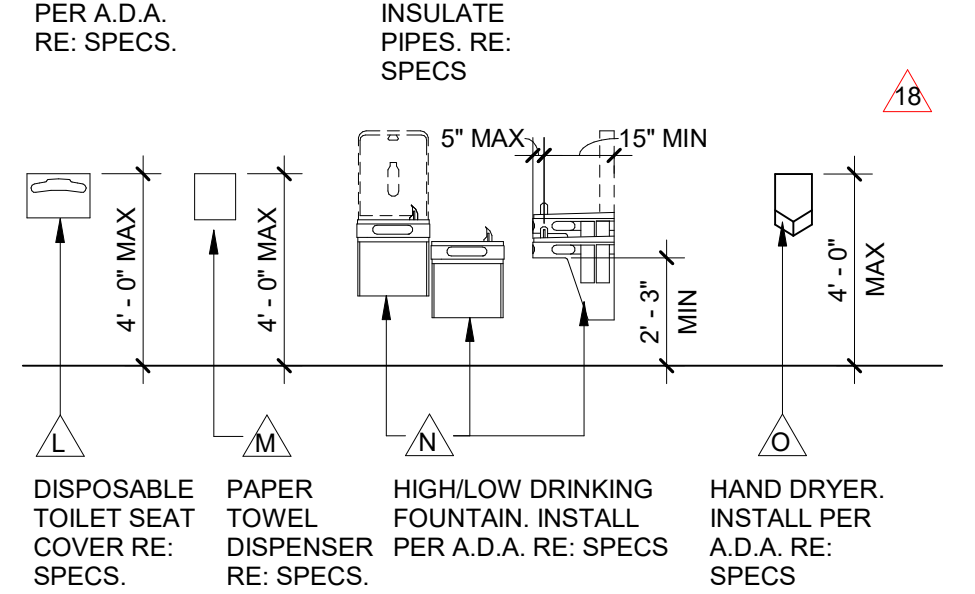
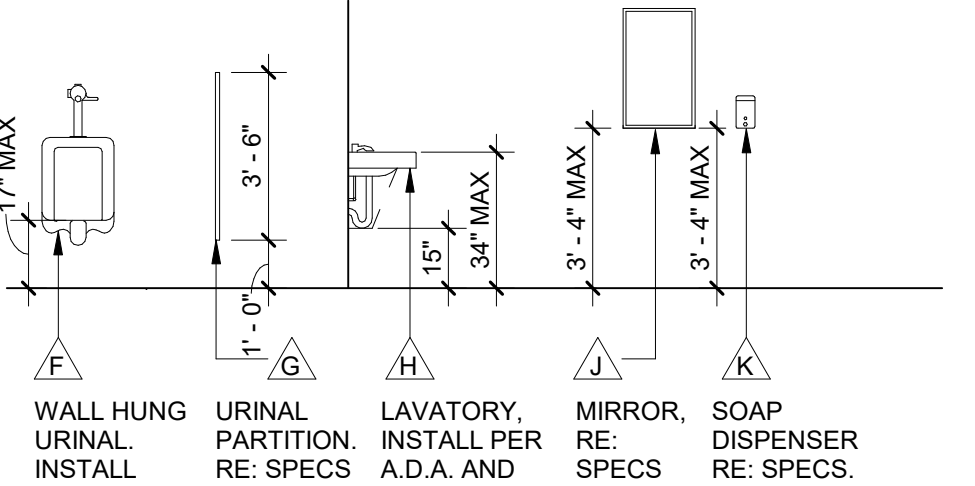
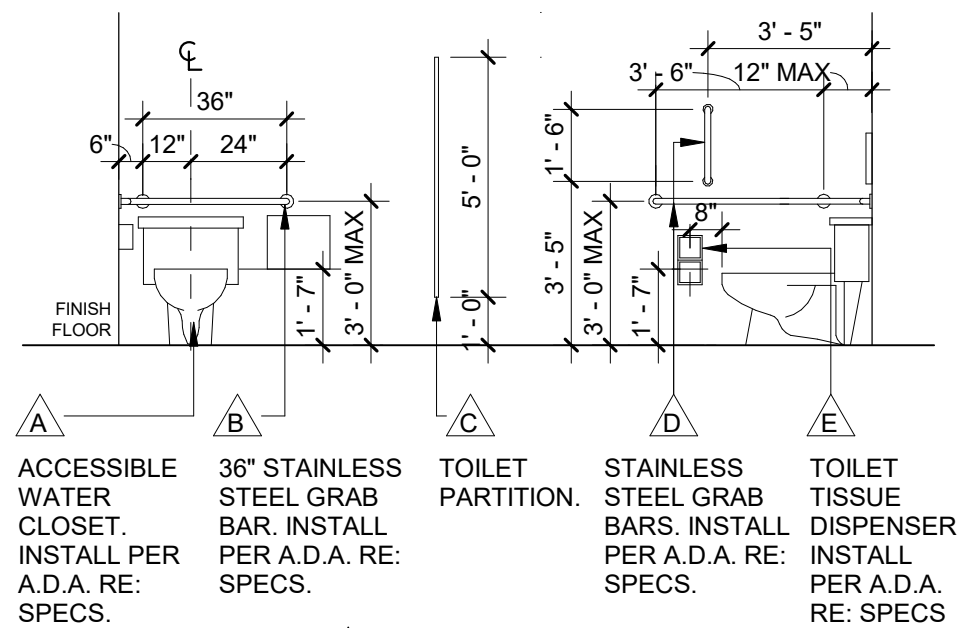
GENERAL NOTES

- REFER TO ARCHITECTURAL FLOOR, ELEVATION AND FINISH PLANS. CONTRACTOR SHALL CLARIFY ANY QUESTIONS CONCERNING FINISHES, LOCATION, OR DESIGN INTENT WITH DESIGNER PRIOR TO ORDERING OF MATERIALS.
- AT ROOMS WITH NEW EXPOSED CEILING, PAINT WALLS TO UNDERSIDE OF STRUCTURE ABOVE.
- SEE REFLECTED CEILING PLAN FOR GYPSUM BOARD SOFFIT LOCATIONS. REFER TO REFLECTED CEILING PLAN AND INTERIOR FINISH SCHEDULE FOR FINISH, AS SCHEDULED.
- PROVIDE A THIN, CLEAR, SILICONE BEAD (1/8") AT PERIMETER OF ALL DOOR FRAMES AND BORROWED GLASS LITES AFTER INSTALLATION OF SCHEDULED WALL COVERINGS. DOOR FRAMES ON PAINTED WALLS SHOULD RECEIVE THIN, PAINTABLE SILICONE BEAD (1/8") AT PERIMETER PRIOR TO PAINTING, ONLY WHERE THE FRAME DOES NOT MEET THE WALL.
- ALL INTERIOR FINISHES MUST BE INSTALLED BY A CERTIFIED INSTALLER / SUBCONTRACTOR PER MANUFACTURER'S INSTRUCTIONS. USE MANUFACTURER'S APPROVED ADHESIVES AND SEAM SEALERS.
- ALL FLOORING TRANSITIONS OCCUR UNDER THE CENTER OF THE DOOR UNLESS OTHERWISE NOTED. FLOOR TRANSITION HEIGHTS NOT TO EXCEED 1/4" MAXIMUM. PROVIDE APPROPRIATE SCHLUTER TRANSITION STRIP IN ANODIZED ALUMINUM FINISH AT EACH LOCATION WHERE FLOOR FINISH MATERIAL CHANGES. UNLESS NOTED OTHERWISE.
- PROVIDE WINDOW COVERINGS AT ALL WINDOW LOCATIONS. SEE INTERIOR FINISH SPECIFICATIONS FOR ROLLER SHADE SPECIFICATION.
- ALL CABINET HARDWARE AT CASEWORK LOCATIONS TO BE RICHELIEU CONTEMPORARY STEEL PULL - 205 TO BE 6 5/16" LONG IN BRUSHED NICKEL FINISH (OR APPROVED EQUAL WITH SIMILAR FINISH).
- ALL WINDOW SILLS TO BE SOLID SURFACE (SS-1) UNLESS NOTED OTHERWISE.
- PROVIDE SOLID BLOCKING OR OTHER SUITABLE BACKING AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: EDGES WHERE FINISH MATERIALS CHANGE, GRAB BARS, TOILET PARTITIONS, DOOR STOPS, SHELF BRACKETS, HANDRAILS AND ALL MOUNTED EQUIPMENT, INCLUDING EQUIPMENT FURNISHED BY OWNER. PROVIDE STEEL BACKING FOR GRAB BARS ATTACHED TO PARTITIONS. EXTEND BACKING 6" BEYOND OUTLINE OF EQUIPMENT.
- REFERENCE PLUMBING/MECHANICAL DRAWINGS, ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL PRODUCT INFORMATION. IF CONFLICT EXISTS NOTIFY ARCHITECT AND PRICE MOST EXPENSIVE OPTION.
- PROVIDE COUNTER-MOUNTED AUTOMATIC, TOP-FILL BULK LIQUID SOAP DISPENSER IN ALL RESTROOMS (104, 105, 117, 128, 212, 213 & 214).

KEY NOTES

- MIRROR TO BE 2'-4" WIDE X 3'-6" HIGH WITH A 1" BLACK METAL FRAME. INSTALL CENTERED ABOVE SINK.
- ADA ADAPTABLE SHOWER INSERT. REFER TO SPECIFICATIONS.
- ADA ADAPTABLE RESTROOM. PROVIDE BLOCKING IN WALL TO ALLOW FOR FUTURE MOUNTING OF ALL ADA REQUIRED FIXTURES AND HARDWARE AND AT REQUIRED MOUNTING HEIGHTS.
- SHOWER INSERT TO HAVE NO GRAB BARS OR SEAT INSTALLED. SHOWER INSERT TO HAVE REQUIRED BLOCKING TO BE ADA ADAPTABLE AND ALLOW FOR FUTURE ADA GRAB BARS AND SEAT.

MOUNTING HEIGHTS



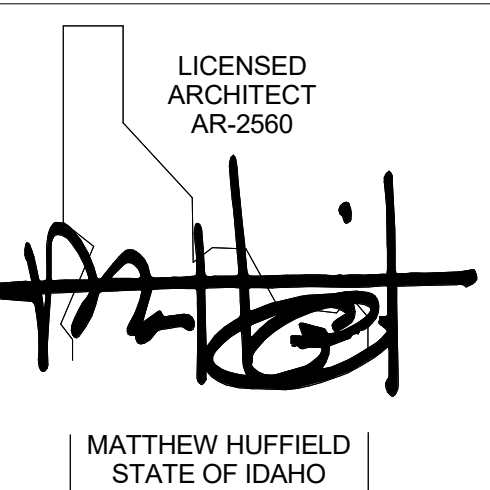
1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC



6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3820

BIDDERS ARE INSTRUCTED TO CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS AND THE SITE CONDITIONS. INFORMATION REGARDING THE COMPLETE WORK OF SPECIFIC TRADES IS DISPERSED THROUGHOUT THE ENTIRE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED BY REFERENCE TO OTHER THAN COMPLETE DOCUMENT SETS.

SHEET NAME



CONSULTANT

PROJECT INFORMATION



KETCHUM FIRE STATION NO. 1

107 SADDLE ROAD, KETCHUM, ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE JUNE 19, 2020

JOB NUMBER 18-022

MARK	DATE	DESCRIPTION
33	5/25/21	RFI #CC-186R1
32	5/17/21	RFI #CC-186
26	5/3/21	ASI 08
18	12/30/20	RFI #CC-125
6	8/17/20	ASI 2
2	7/17/20	ASI 1

SHEET NAME

INTERIOR ELEVATIONS - RESTROOMS

SHEET NUMBER

A5.00

ASI 08

PROJECT NAME	KETCHUM FIRE STATION #1
PROJECT NUMBER	18-022
DATE	5/3/2021
CONSTRUCTION COMPANY	CORE CONSTRUCTION

THE WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING SUPPLEMENTAL INSTRUCTIONS ISSUED IN ACCORDANCE WITH THE CONTRACT.

DESCRIPTION OF CHANGES:

DRAWINGS:

ARCHITECTURAL:

- 1) A2.01 – FLOOR PLAN – LEVEL 01
 - a) ADDED INTERIOR ELEVATION 18/A5.01 – COFFEE/COPY – NORTH.
- 2) A2.40 – ENLARGED PLANS
 - a) #5 – ENLARGED PLAN – DORM SHOWERS
 - i) ADDED #23 – SHOWER 212 – EAST.
 - ii) ADDED #24 – SHOWER 213 – EAST.
 - iii) ADDED #25 – SHOWER 214 – WEST.
 - b) #6 – ENLARGED PLAN – OFFICE RESTROOM
 - i) ADDED INTERIOR ELEVATION #22.
- 3) A5.00 – INTERIOR ELEVATIONS – RESTROOMS
 - a) ADDED GENERAL NOTE 'L'. "PROVIDE COUNTER-MOUNTED AUTOMATIC, TOP-FILL BULK LIQUID SOAP DISPENSER IN ALL RESTROOMS (104, 105, 117, 128, 212, 213 & 214)."
 - b) #1 – PUBLIC RESTROOM 105 – NORTH
 - i) ADDED RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE.
 - ii) ADDED WALL MOUNTED BABY CHANGING STATION.
 - c) #6 – PUBLIC RESTROOM 104 – SOUTH
 - i) ADDED RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE.
 - ii) ADDED WALL MOUNTED BABY CHANGING STATION.
 - d) #11 – UNISEX RESTROOM 128 – SOUTH
 - i) UPDATED LOCATION OF RECESSED PAPER TOWEL DISPENSER & WASTE RECEPTACLE.
 - e) #13 – SHOWER 212 – NORTH
 - i) ADDED RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE.
 - f) #17 – SHOWER 213 – SOUTH
 - i) ADDED RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE.
 - g) #21 – SHOWER 214 – SOUTH
 - i) ADDED RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE.
 - h) ADDED #22 – RESTROOM 117 – EAST
 - i) ADDED RECESSED PAPER TOWEL DISPENSER AND WASTE RECEPTACLE.
 - i) ADDED #23 – SHOWER 212 – EAST

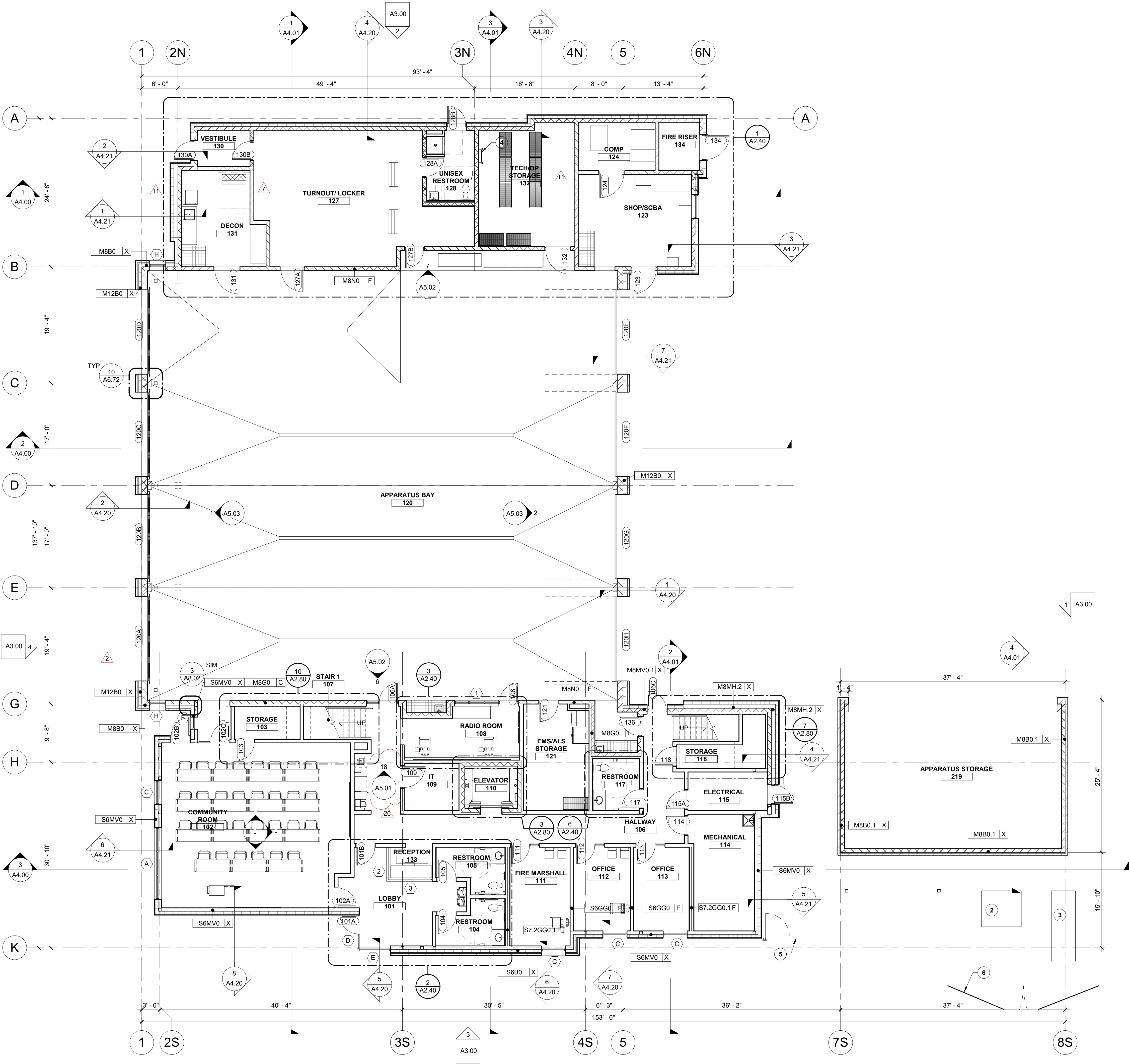
- i) ADDED SURFACE MOUNTED SHELF.
 - j) ADDED #24 – SHOWER 213 – EAST
 - i) ADDED SURFACE MOUNTED SHELF.
 - k) ADDED #25 – SHOWER 214 – WEST
 - i) ADDED SURFACE MOUNTED SHELF.
- 4) A5.01 – INTERIOR ELEVATIONS
- a) ADDED #18 – COFFEE/COPY – NORTH
 - i) ADDED RECESSED PAPER TOWEL DISPENSER.
 - b) ADDED GENERAL NOTE 'L'. "PROVIDE COUNTER-MOUNTED AUTOMATIC, TOP-FILL BULK LIQUID SOAP DISPENSER IN ALL RESTROOMS (104, 105, 117, 128, 212, 213 & 214)."

ATTACHMENTS:

DRAWINGS:

- A2.01 – FLOOR PLAN – LEVEL 01
- A2.40 – ENLARGED PLANS
- A5.00 – INTERIOR ELEVATIONS – RESTROOMS
- A5.01 – INTERIOR ELEVATIONS

END OF ASI



1 LEVEL 01 PLAN
SCALE | 1/8" = 1'-0"

GENERAL NOTES

- FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS. NOTIFY ARCHITECT IMMEDIATELY IF ANY CONFLICTS OR DISCREPANCIES OCCUR BEFORE PROCEEDING WITH WORK.
- CROSS REFERENCES SHOWN ON DRAWINGS DO NOT NECESSARILY INDICATE ALL LIKE CONDITIONS AND DO NOT LIMIT APPLICATION OF ANY DRAWING OR DETAIL. WHERE SPECIFIC DIMENSIONS, DETAILS, OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT PRIOR TO PROCEEDING WITH WORK. IF DESIGN INTENT REMAINS UNCLEAR THEN PROVIDE MOST EXPENSIVE OPTION IN BID.
- PROVIDE SOLID BLOCKING IN WALLS FOR ALL WALL HUNG EQUIPMENT. BLOCKING TO MEET OR EXCEED MANUFACTURER'S RECOMMENDATIONS. FASTEN EQUIPMENT TO WALLS PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE BLOCKING FOR, BUT NOT LIMITED TO THE FOLLOWING: MILLWORK, RAILING, FIRE EXTINGUISHER ACCESSORIES, WALL MOUNTED PLUMBING FIXTURES, SHELVING, ELECTRICAL EQUIPMENT, RESTROOM ACCESSORIES AND DISPLAY ITEMS.
- CAULK ALL COUNTERTOPS, BACKSPASHES AND CABINETS AT LOCATIONS WHERE THEY MEET WALLS. SEAL ALL CUT-OUTS IN COUNTERTOPS.
- ERECT DUST PROOF PARTITIONS AS REQUIRED BY OWNER TO PROTECT ADJACENT AREAS.
- ALL PARTITIONS ARE TYPE "S6GG0-F" UNLESS OTHERWISE NOTED.
- SEAL AROUND ALL MECHANICAL AND ELECTRICAL EQUIPMENT PENETRATIONS AT WALLS. AT RATED WALLS USE A U.L. APPROVED FIRE-STOPPING MATERIAL. APPROPRIATE FOR FIRE RATING REQUIREMENTS.
- PROVIDE 4" DOOR JAMBS FROM FACE-OF-FINISH AT ADJACENT WALLS ON THE HINGE SIDE OR UNLESS OTHERWISE INDICATED.
- DIMENSIONS ARE TO GRID LINE OR FACE OF STRUCTURAL MEMBER UNLESS OTHERWISE NOTED. DOOR & WINDOW OPENING DIMENSIONS ARE TO ROUGH OPENING OR CENTERLINE OF OPENING. CONCRETE AND BRICK DIMENSIONS ARE GIVEN TO THE FACE OF CONCRETE OR MASONRY AND TO THE FACE OF ROUGH OPENINGS.

KEYNOTES

- STRUCTURAL COLUMN, SEE STRUCTURAL
- NEW TRANSFORMER, SEE ELECTRICAL
- GENERATOR, SEE ELECTRICAL
- ROOF ACCESS LADDER
- FENCE, SEE LANDSCAPE
- GATE, SEE LANDSCAPE



1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC

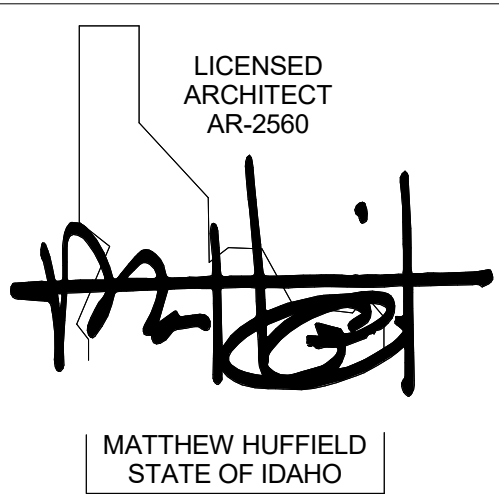


ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3820

BIDDERS ARE INSTRUCTED TO CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS AND THE SITE CONDITIONS. INFORMATION REGARDING THE COMPLETE WORK OF SPECIFIC TRADES IS DISPERSED THROUGHOUT THE ENTIRE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED BY REFERENCE TO OTHER THAN COMPLETE DOCUMENT SETS.

STAMP



CONSULTANT

PROJECT INFORMATION



KETCHUM FIRE STATION NO. 1

107 SADDLE ROAD, KETCHUM, ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE JUNE 19, 2020

JOB NUMBER 18-022

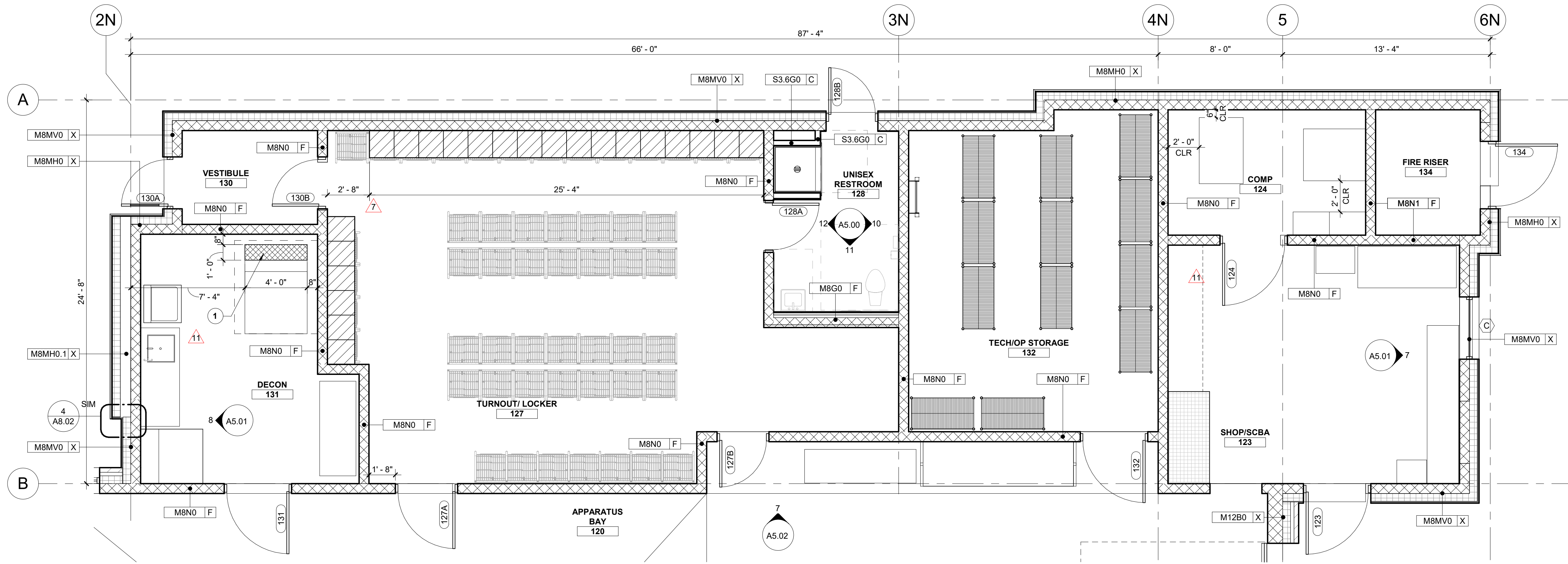
MARK	DATE	DESCRIPTION
26	5/3/21	ASI 08
11	10/22/20	ASI 04
7	9/2/20	RFI #CC-62
2	7/17/20	ASI 1

SHEET NAME

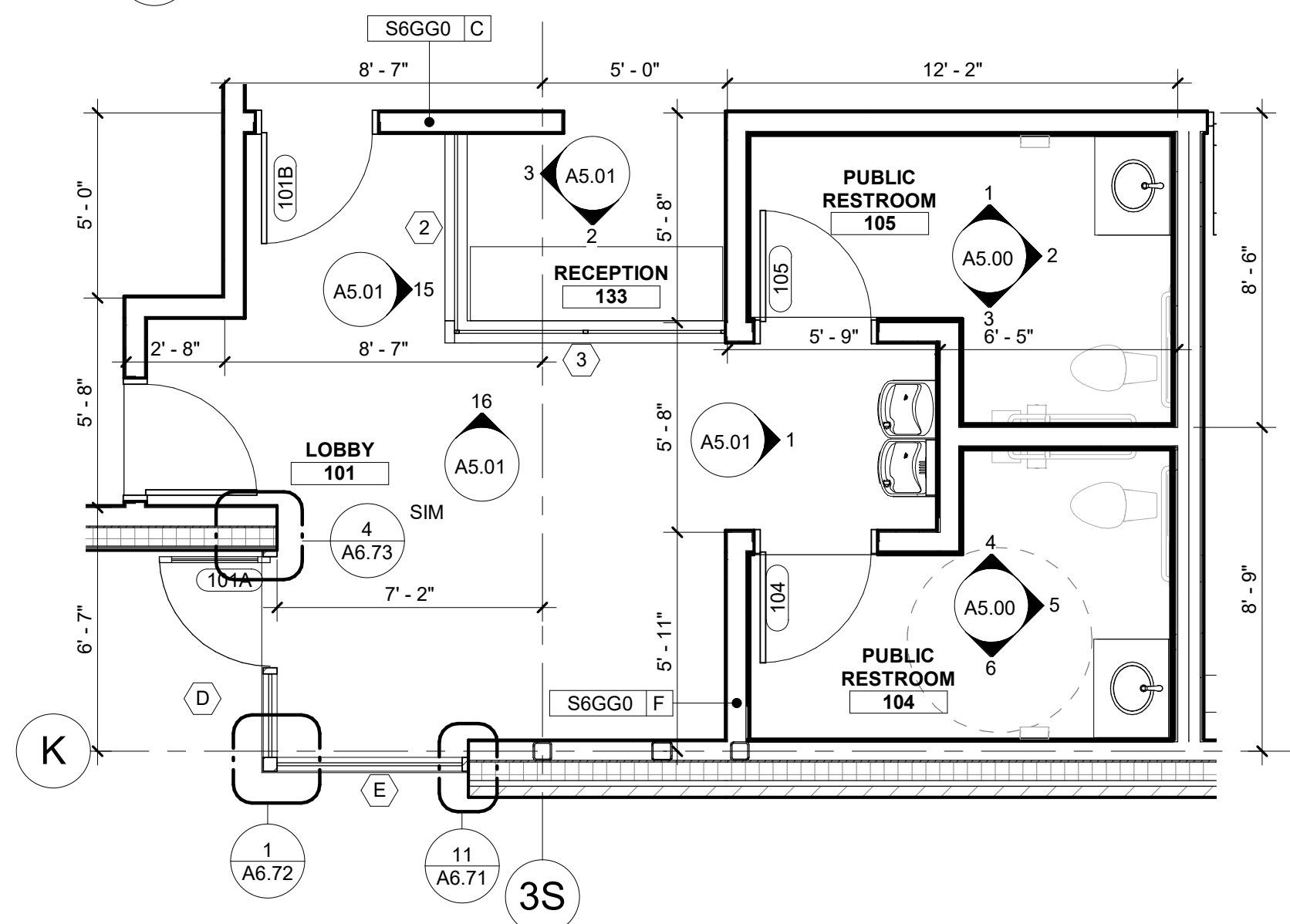
FLOOR PLAN - LEVEL 01

SHEET NUMBER

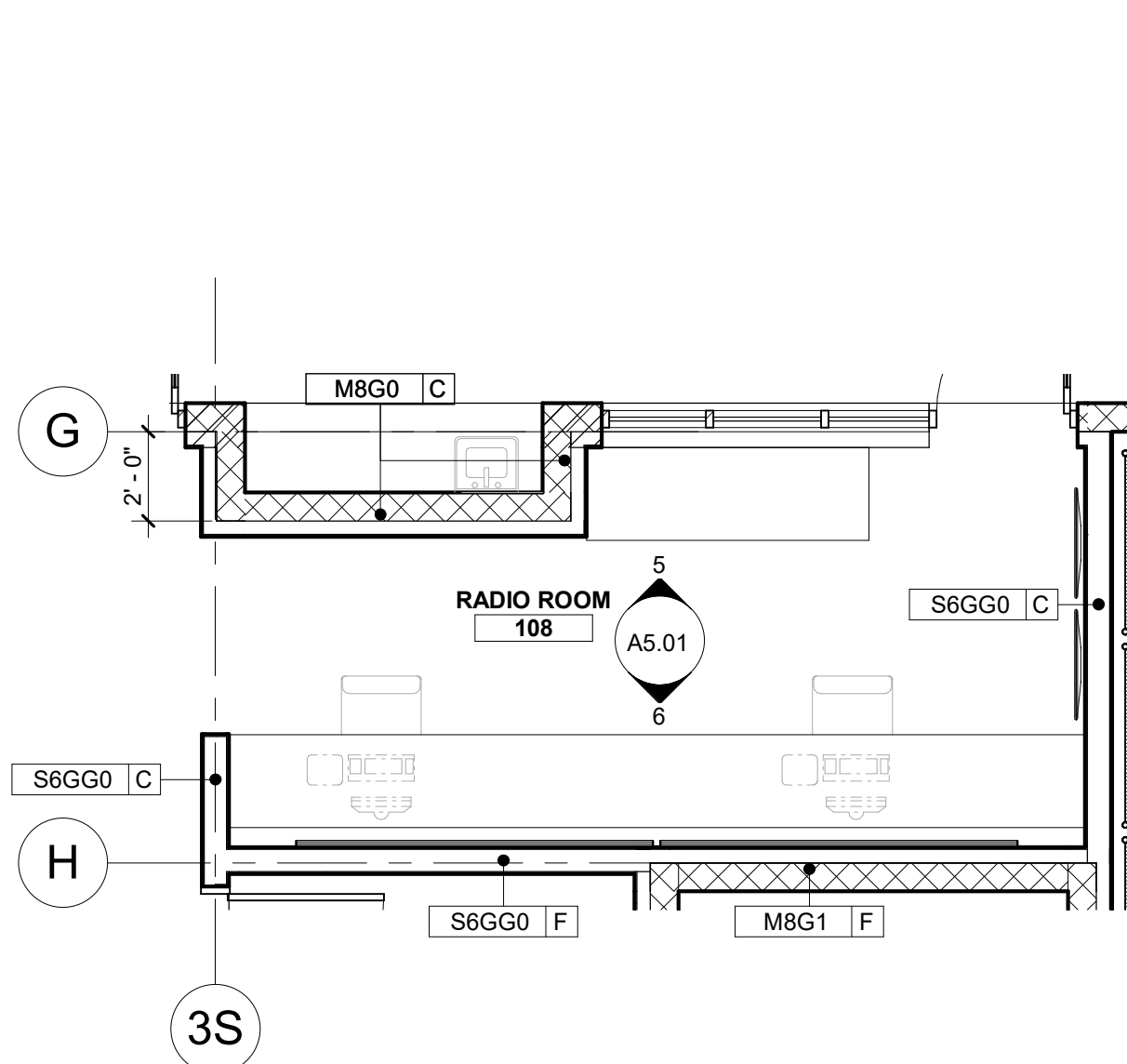
A2.01



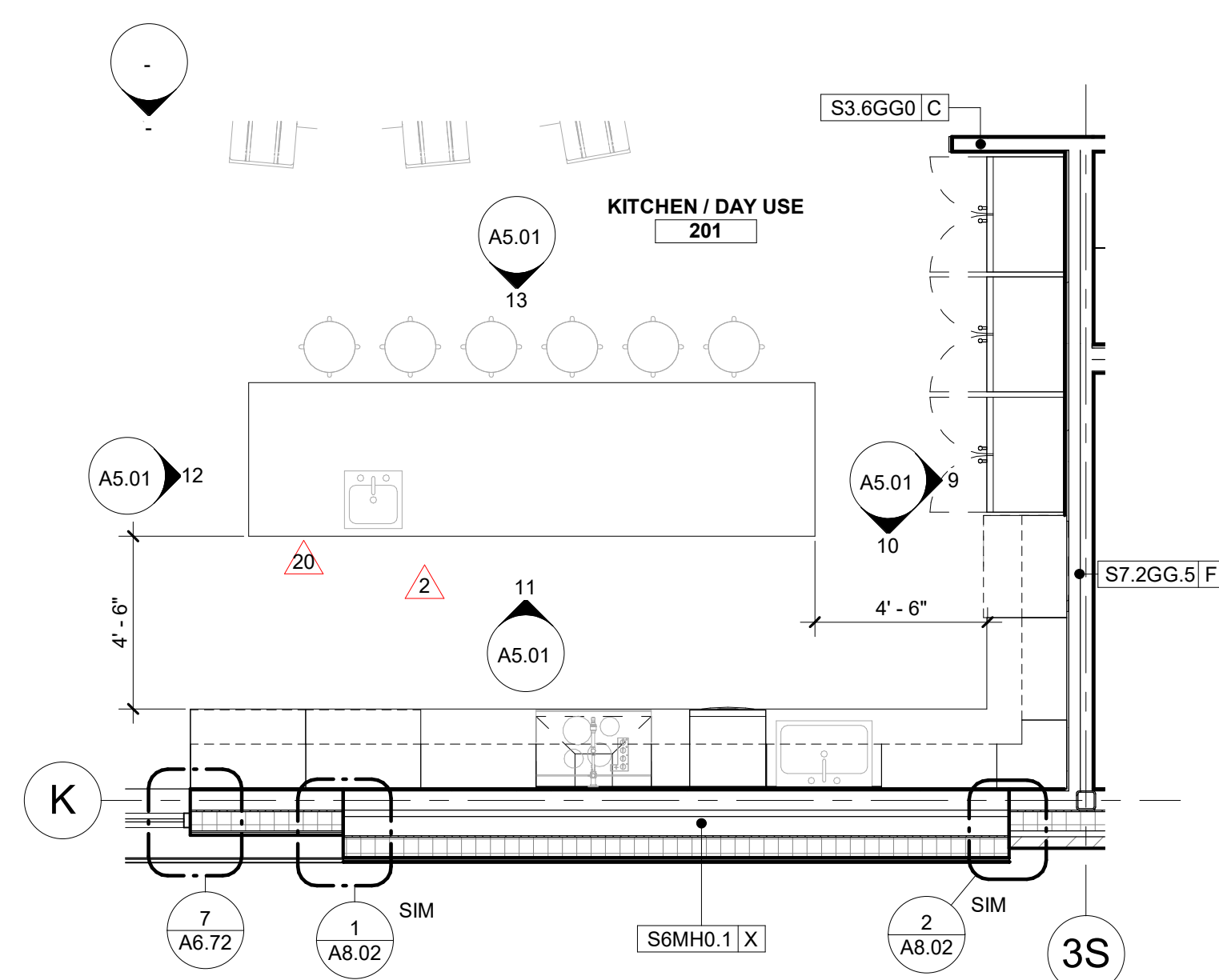
1 ENLARGED PLAN - SUPPORT/UTILITY BAY
SCALE | 1/4" = 1'-0"



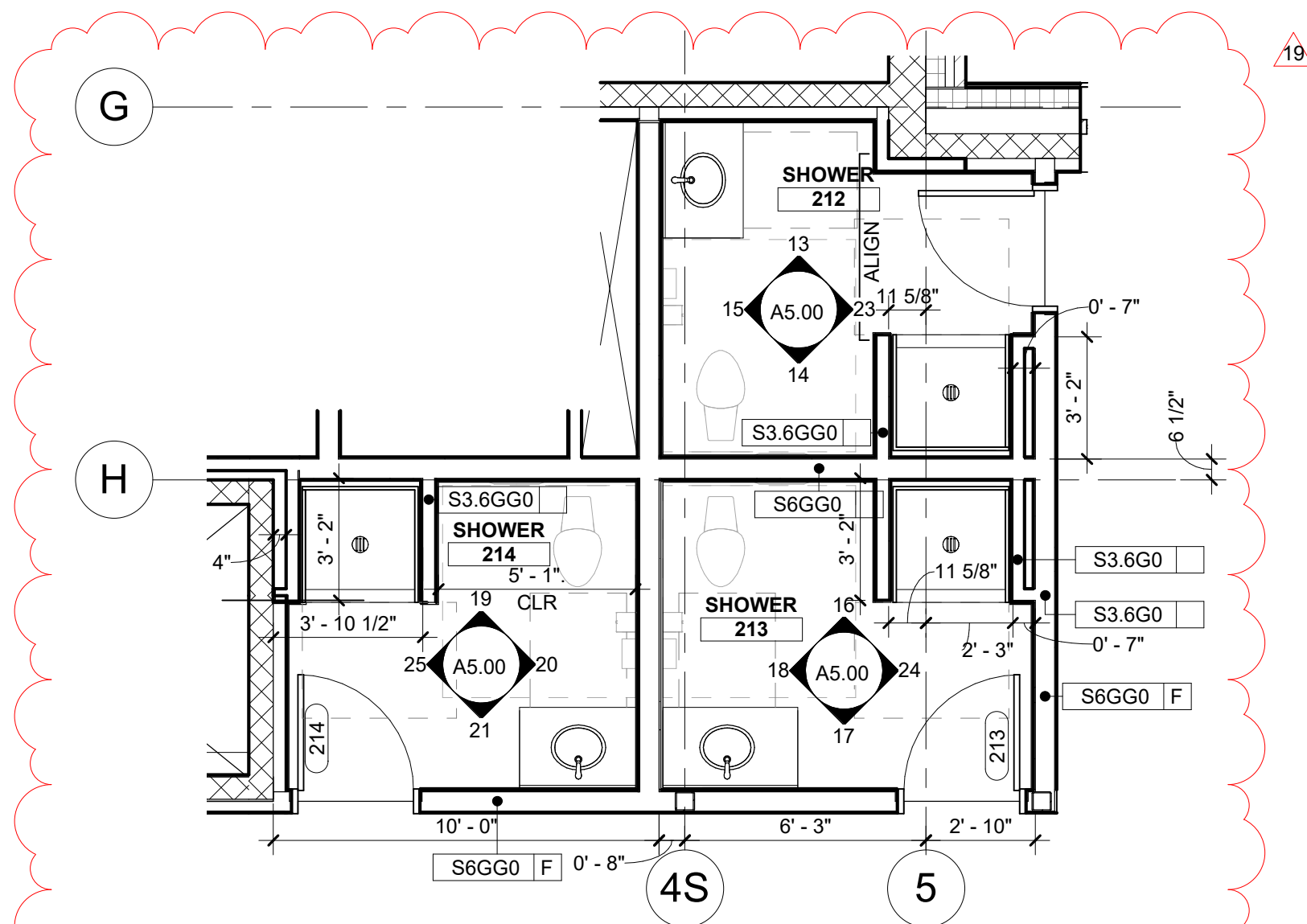
2 ENLARGED PLAN - LOBBY
SCALE | 1/4" = 1'-0"



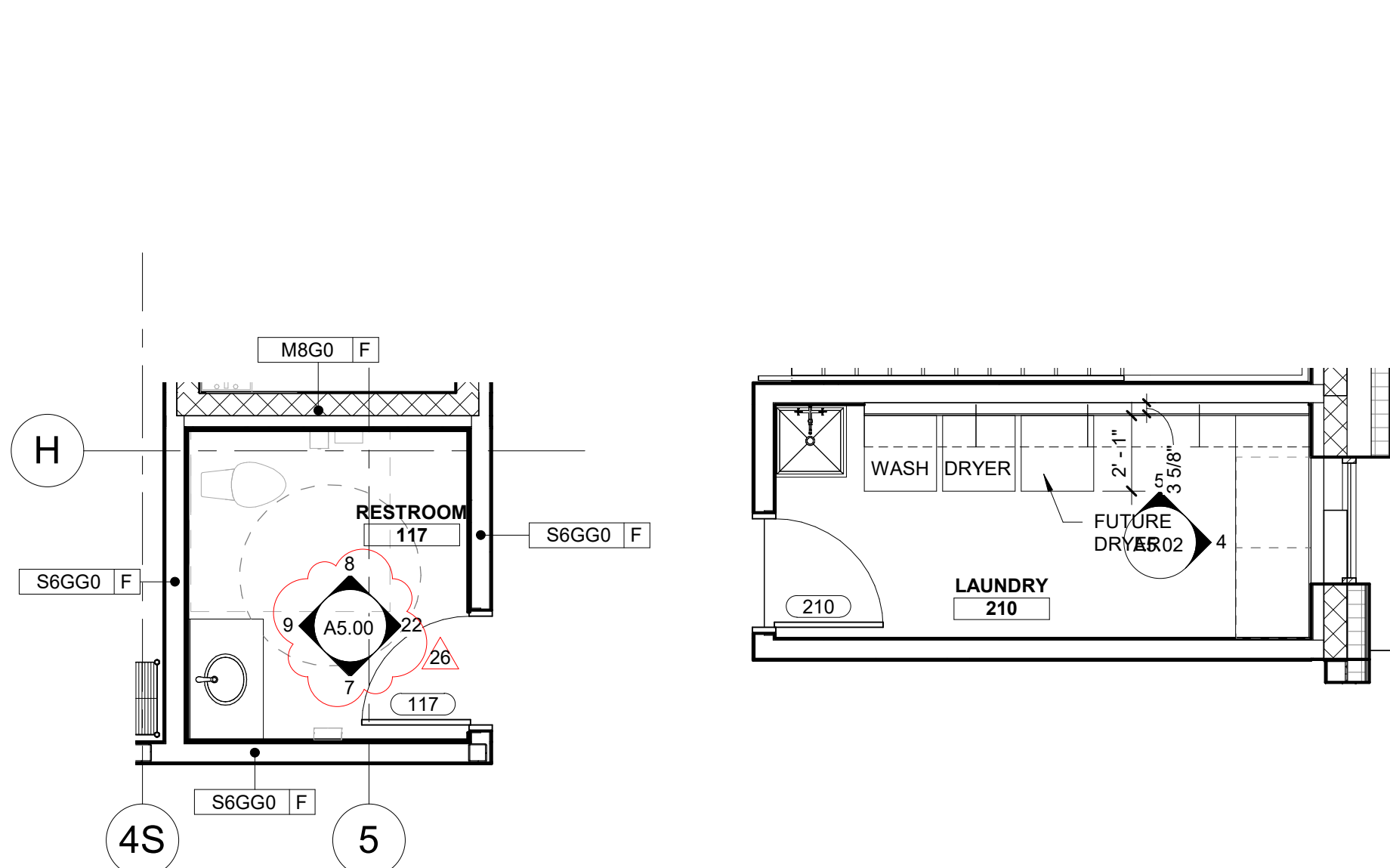
3 ENLARGED PLAN - RADIO ROOM
SCALE | 1/4" = 1'-0"



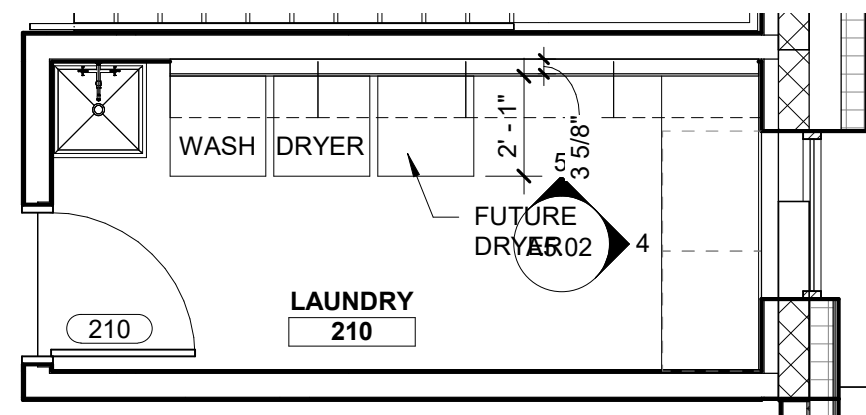
4 ENLARGED PLAN - KITCHEN
SCALE | 1/4" = 1'-0"



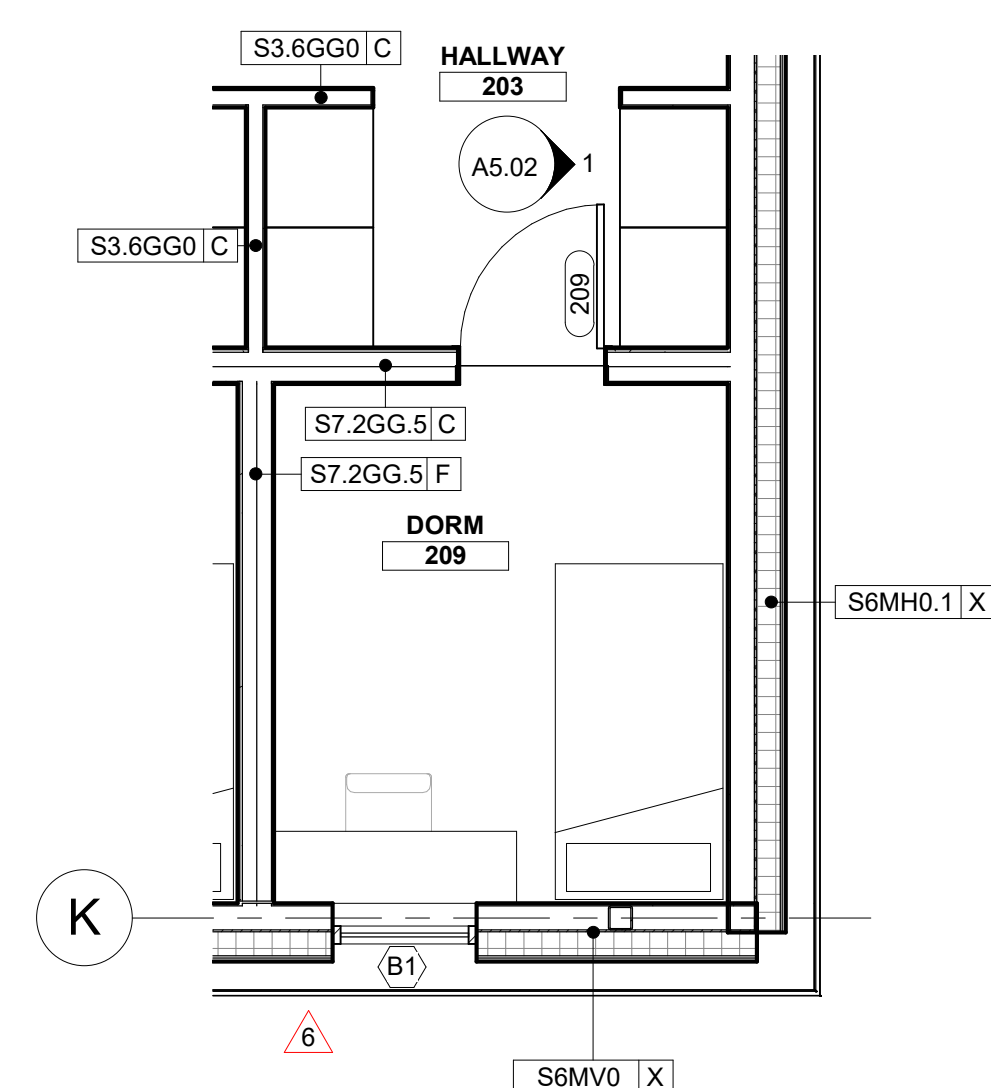
5 ENLARGED PLAN - DORM SHOWERS
SCALE | 1/4" = 1'-0"



6 ENLARGED PLAN - OFFICE RESTROOM
SCALE | 1/4" = 1'-0"



7 ENLARGED PLAN - LAUNDRY
SCALE | 1/4" = 1'-0"



8 ENLARGED PLAN - TYPICAL DORM ROOM
SCALE | 1/4" = 1'-0"

KEYNOTES

1. 12"W X 12"D X 48"L TRENCH DRAIN WITH METAL DRAIN COVER.



1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC

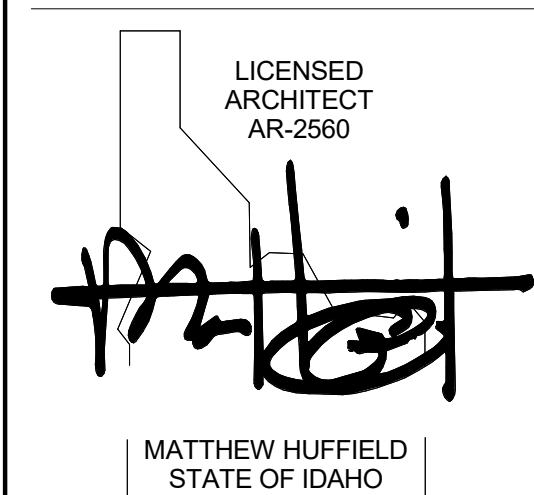


ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3820

BIDDERS ARE INSTRUCTED TO CAREFULLY REVIEW THE
CONSTRUCTION DOCUMENTS AND THE SITE CONDITIONS.
INFORMATION REGARDING THE COMPLETE WORK OF
SPECIFIC TRADES IS DISPERSED THROUGHOUT THE
ENTIRE DOCUMENT SET AND CANNOT BE ACCURATELY
DETERMINED BY REFERENCE TO OTHER THAN COMPLETE
DOCUMENT SETS.

STAMP



CONSULTANT

PROJECT INFORMATION



KETCHUM FIRE STATION NO. 1

107 SADDLE ROAD, KETCHUM, ID 83353

ISSUES

PHASE	CONSTRUCTION SET
DATE	JUNE 19, 2020
JOB NUMBER	18-022

MARK	DATE	DESCRIPTION
26	5/3/21	ASI 08
20	1/20/21	ASI 05
19	12/29/20	RFI #CC-128
11	10/22/20	ASI 04
7	9/2/20	RFI #CC-62
6	8/17/20	ASI 2
2	7/17/20	ASI 1

SHEET NAME

ENLARGED PLANS

SHEET NUMBER

A2.40

- A. REFER TO ARCHITECTURAL FLOOR, ELEVATION AND FINISH PLANS. CONTRACTOR SHALL CLARIFY ANY QUESTIONS CONCERNING FINISHES, LOCATION, OR DESIGN INTENT WITH DESIGNER PRIOR TO ORDERING OF MATERIALS.
- B. AT ROOMS WITH NEW EXPOSED CEILING, PAINT WALLS TO UNDERSIDE OF STRUCTURE ABOVE.
- C. SEE REFLECTED CEILING PLAN FOR GYPSUM BOARD SOFFIT LOCATIONS. REFER TO REFLECTED CEILING PLAN AND INTERIOR FINISH SCHEDULE FOR FINISH, AS SCHEDULED.
- D. PROVIDE A THIN, CLEAR, SILICONE BEAD (1/8") AT PERIMETER OF ALL DOOR FRAMES AND BORROWED GLASS LITES AFTER INSTALLATION OF SCHEDULED WALL COVERINGS. DOOR FRAMES ON PAINTED WALLS SHOULD RECEIVE THIN, PAINTABLE SILICONE BEAD (1/8") AT PERIMETER PRIOR TO PAINTING, ONLY WHERE THE FRAME DOES NOT MEET THE WALL.
- E. ALL INTERIOR FINISHES MUST BE INSTALLED BY A CERTIFIED INSTALLER / SUBCONTRACTOR PER MANUFACTURER'S INSTRUCTIONS. USE MANUFACTURER'S APPROVED ADHESIVES AND SEAM SEALERS.
- F. ALL FLOORING TRANSITIONS OCCUR UNDER THE CENTER OF THE DOOR UNLESS OTHERWISE NOTED. FLOOR TRANSITION HEIGHTS NOT TO EXCEED 1/4" MAXIMUM. PROVIDE APPROPRIATE Schluter TRANSITION STRIP IN ANODIZED ALUMINUM FINISH AT EACH LOCATION WHERE FLOOR FINISH MATERIAL CHANGES. UNLESS NOTED OTHERWISE.

1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC

ARCHITECTURE + PLANNING + DESIGN
6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3820

BIDDERS ARE INSTRUCTED TO CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS AND THE SITE CONDITIONS. INFORMATION REGARDING THE COMPLETE WORK OF SPECIFIC TRADES IS DISPERSED THROUGHOUT THE ENTIRE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED BY REFERENCE TO OTHER THAN COMPLETE DOCUMENT SETS.

LICENSED
ARCHITECT
AR-2560



MATTHEW HUFFIELD
STATE OF IDAHO

107 SADDLE ROAD, KETCHUM, ID 83351

PHASE		CONSTRUCTION SE
DATE		JUNE 19, 202
JOB NUMBER		18-02
MARK	DATE	DESCRIPTION
26	5/3/21	ASI 08
18	12/30/20	RFI #CC-125
6	8/17/20	ASI 2
2	7/17/20	ASI 1

A	B	C	D	E
ACCESSIBLE WATER CLOSET. INSTALL PER A.D.A. RE: SPECS.	36" STAINLESS STEEL GRAB BAR. INSTALL PER A.D.A. RE: SPECS.	TOILET PARTITION.	STAINLESS STEEL GRAB BARS. INSTALL PER A.D.A. RE: SPECS.	TOILET TISSUE DISPENSE INSTALL PER A.D.A. RE: SPECS.

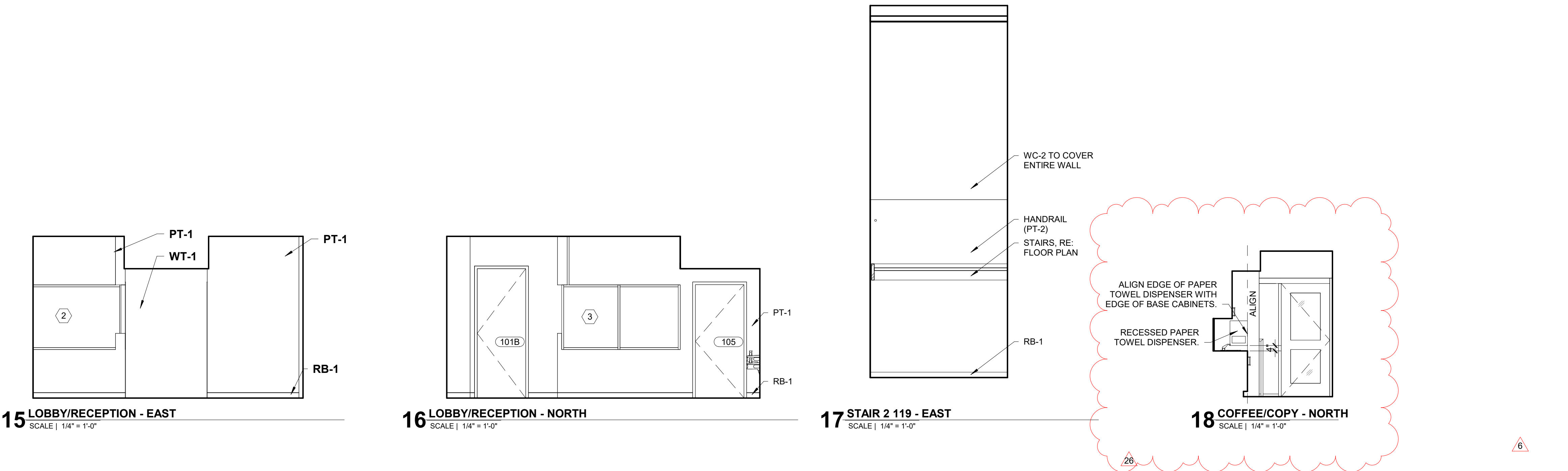
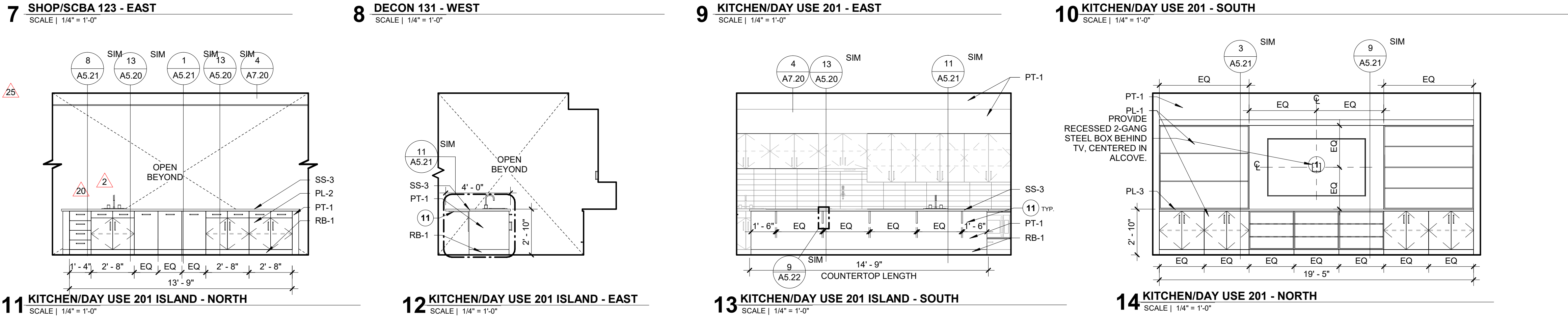
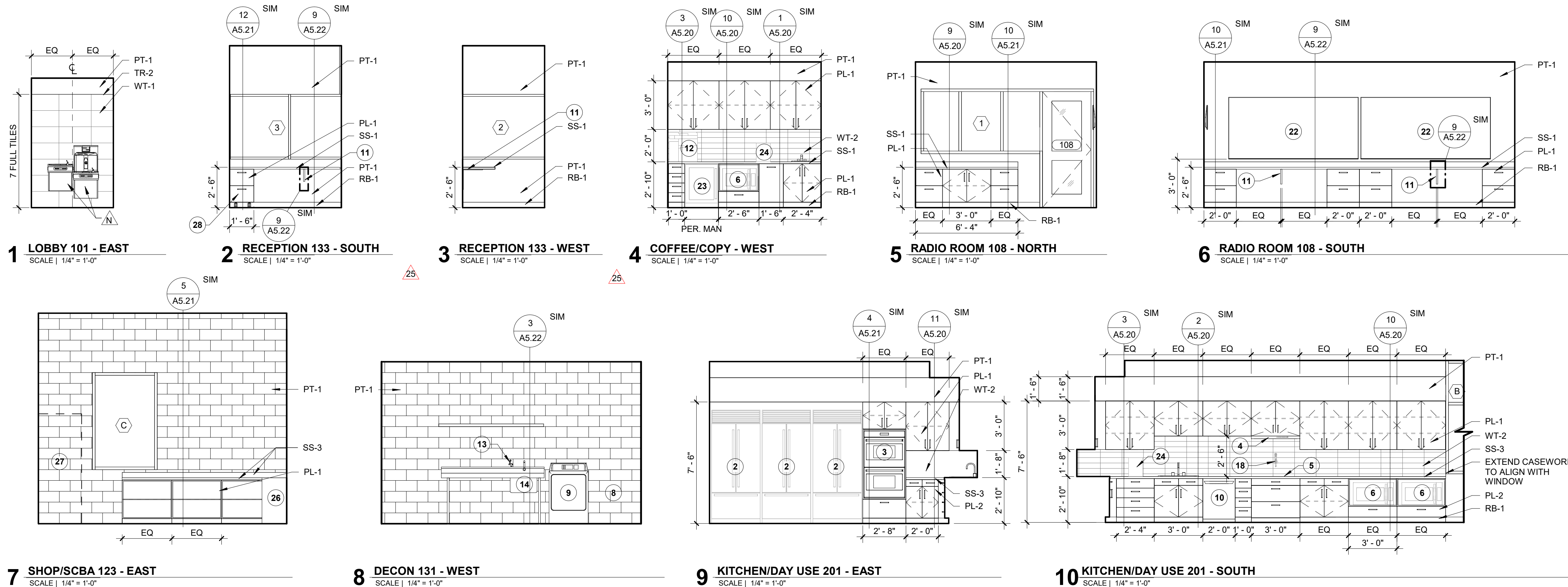
RE: SPECS. PIPES. RE: SPECS

5" MAX 15" MIN

18

Diagram illustrating the mounting heights for various dispensers relative to a horizontal surface line:

- RECESSED PAPER TOWEL DISPENSER/DISPOSAL:** Indicated by a triangle labeled 'P' at the surface level. INSTALL PER A.D.A. RE: SPECS.
- SANITARY NAPKIN DISPOSAL:** Indicated by a triangle labeled 'S' at a height of 16". SEE SPECS.
- SENSORED LIQUID SOAP DISPENSER COUNTERTOP MOUNTED:** Indicated by a triangle labeled 'W' with a vertical arrow pointing upwards. RE: SPECS.
- BABY CHANGING STATION:** Indicated by a triangle labeled 'X' at a height of 2'-6 3/4". RE: SPECS.



GENERAL NOTES

- REFER TO ARCHITECTURAL FLOOR, ELEVATION AND FINISH PLANS. CONTRACTOR SHALL CLARIFY ANY QUESTIONS CONCERNING FINISHES, LOCATION, OR DESIGN INTENT WITH DESIGNER PRIOR TO ORDERING OF MATERIALS.
- AT ROOMS WITH NEW EXPOSED CEILING, PAINT WALLS TO UNDERSIDE OF STRUCTURE ABOVE.
- SEE REFLECTED CEILING PLAN FOR GYPSUM BOARD SOFFIT LOCATIONS. REFER TO REFLECTED CEILING PLAN AND INTERIOR FINISH SCHEDULE FOR FINISH, AS SCHEDULED.
- PROVIDE A THIN, CLEAR, SILICONE BEAD (1/8") AT PERIMETER OF ALL DOOR FRAMES AND BORROWED GLASS LITES AFTER INSTALLATION OF SCHEDULED WALL COVERINGS. DOOR FRAMES ON PAINTED WALLS SHOULD RECEIVE THIN, PAINTABLE SILICONE BEAD (1/8") AT PERIMETER PRIOR TO PAINTING, ONLY WHERE THE FRAME DOES NOT MEET THE WALL.
- ALL INTERIOR FINISHES MUST BE INSTALLED BY A CERTIFIED INSTALLER / SUBCONTRACTOR PER MANUFACTURER'S INSTRUCTIONS. USE MANUFACTURER'S APPROVED ADHESIVES AND SEAM SEALERS.
- ALL FLOORING TRANSITIONS OCCUR UNDER THE CENTER OF THE DOOR UNLESS OTHERWISE NOTED. FLOOR TRANSITION HEIGHTS NOT TO EXCEED 1/4" MAXIMUM. PROVIDE APPROPRIATE SCHLUTER TRANSITION STRIP IN ANODIZED ALUMINUM FINISH AT EACH LOCATION WHERE FLOOR FINISH MATERIAL CHANGES. UNLESS NOTED OTHERWISE.
- PROVIDE WINDOW COVERINGS AT ALL WINDOW LOCATIONS. SEE INTERIOR FINISH SPECIFICATIONS FOR ROLLER SHADE SPECIFICATION.
- ALL CABINET HARDWARE AT CASEWORK LOCATIONS TO BE RICHELIEU CONTEMPORARY STEEL PULL - 205 TO BE 6 5/16" LONG IN BRUSHED NICKEL FINISH (OR APPROVED EQUAL WITH SIMILAR FINISH).
- ALL WINDOW SILLS TO BE SOLID SURFACE (SS-1) UNLESS NOTED OTHERWISE.
- PROVIDE SOLID BLOCKING OR OTHER SUITABLE BACKING AT LOCATIONS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING: EDGES WHERE FINISH MATERIALS CHANGE, GRAB BARS, TOILET PARTITIONS, DOOR STOPS, SHELF BRACKETS, HANDRAILS AND ALL MOUNTED EQUIPMENT, INCLUDING EQUIPMENT FURNISHED BY OWNER. PROVIDE STEEL BACKING FOR GRAB BARS ATTACHED TO PARTITIONS. EXTEND BACKING 6" BEYOND OUTLINE OF EQUIPMENT.
- REFERENCE PLUMBING/MECHANICAL DRAWINGS, ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL PRODUCT INFORMATION. IF CONFLICT EXISTS NOTIFY ARCHITECT AND PRICE MOST EXPENSIVE OPTION.
- PROVIDE COUNTER-MOUNTED AUTOMATIC, TOP-FILL BULK LIQUID SOAP DISPENSER IN ALL RESTROOMS (104, 105, 117, 128, 212, 213 & 214).

KEY NOTES

- TV/MONITOR. RE: EQUIPMENT PLANS & SCHEDULE.
- REFRIGERATOR. RE: EQUIPMENT PLANS & SCHEDULE.
- BUILT-IN DOUBLE OVEN. RE: EQUIPMENT PLANS & SCHEDULE.
- RANGE HOOD. RE: EQUIPMENT PLANS & SCHEDULE.
- RANGE. RE: EQUIPMENT PLANS & SCHEDULE.
- MICROWAVE. RE: EQUIPMENT PLANS & SCHEDULE.
- MOP SERVICE BASIN WITH FAUCET.
- WASHER TOP LOAD. RE: EQUIPMENT PLANS & SCHEDULE.
- DRYER. RE: EQUIPMENT PLANS & SCHEDULE.
- DISHWASHER. RE: EQUIPMENT PLANS & SCHEDULE.
- PROVIDE COUNTERTOP SUPPORTS AS REQUIRED. SUPPORT BRACKETS TO BE WHITE. RE: SPECIFICATIONS.
- PRINTER TO BE OWNER SUPPLIED, CONTRACTOR INSTALLED. COORDINATE PRINTER SIZE PRIOR TO CABINET FABRICATION AND INSTALLATION TO ACCOMMODATE HEIGHT. RE: EQUIPMENT PLANS & SCHEDULE.
- EMERGENCY EYE WASH STATION. RE: EQUIPMENT PLANS & SCHEDULE.
- SERVICE SINK.
- FOOD LOCKERS. RE: EQUIPMENT PLANS & SCHEDULE.
- RUB RAIL, 7'-0" LONG X 6" HIGH.
- PROVIDE METAL 24" X 24" WORKSTATION WALL BRACKET FACTORY PAINTED WHITE, TYP. RE: SPECIFICATIONS.
- WALL MOUNT POT FILLER. CONTRACTOR FURNISHED, CONTRACTOR INSTALLED.
- FLAMMABLE LIQUIDS CABINET. RE: EQUIPMENT PLANS & SCHEDULE.
- SOOTWASH STATION WITH 17" X 15" SINK.
- BIKE HOOKS. RE: EQUIPMENT PLANS & SCHEDULE.
- WHITE BOARD. RE: EQUIPMENT PLANS & SCHEDULE.
- UNDERCOUNTER MINATURE REFRIGERATOR. RE: EQUIPMENT PLANS & SCHEDULE.
- LOCATION OF PLUMBED, COUNTER TOP COFFEE MAKER. RE: EQUIPMENT PLANS & SCHEDULE.
- STAINLESS STEEL SHELF.
- FLAMMABLE LIQUIDS CABINET. RE: FINISH & FURNITURE PLANS & SCHEDULE.
- CLYINDER STORAGE. RE: FINISH & FURNITURE PLANS & SCHEDULE.
- ADD KEYED LOCK TO LOWER DRAWER.



1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC

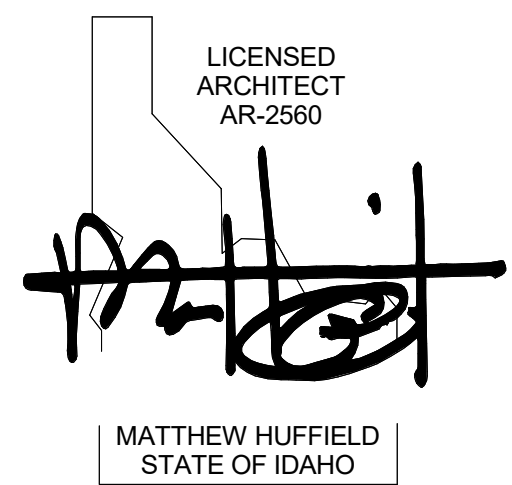


ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3820

BIDDERS ARE INSTRUCTED TO CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS AND THE SITE CONDITIONS. INFORMATION REGARDING THE COMPLETE WORK OF SPECIFIC TRADES IS DISPERSED THROUGHOUT THE ENTIRE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED BY REFERENCE TO OTHER THAN COMPLETE DOCUMENT SETS.

STAMP



CONSULTANT

PROJECT INFORMATION



KETCHUM FIRE STATION NO. 1

107 SADDLE ROAD, KETCHUM, ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE JUNE 19, 2020

JOB NUMBER 18-022

MARK	DATE	DESCRIPTION
26	5/3/21	ASI 08
25	5/3/21	ASI 07
20	1/20/21	ASI 05
6	8/17/20	ASI 2
2	7/17/20	ASI 1

SHEET NAME

INTERIOR ELEVATIONS

SHEET NUMBER

A5.01



Building. Growing. Leading. ...Since 1937.

Budget Evolution Item Summary

City of Ketchum Fire Station #1

Northwood Sidewalk Snowmelt

Date: 6/2/2021

Description: Northwood Snowmelt at Sidewalk

SCOPE	SUBCONTRACTOR	AMOUNT
Install snowmelt at Sidewalk north	Red Hawk Plumbing	\$ 3,200.00
CM/GC Contingency usage	CORE	\$ (3,200.00)
SUBTOTAL:		\$ -
SUBTOTAL reflects direct costs only on the presumption that costs will come from allowances. If costs are reimbursed by Change Order, TOTAL AMOUNT below reflects the SUBTOTAL with add of agreed upon markup in accordance with the change order pricing.		
Bond and Insurance	CORE	\$ -
CMAR FEE	CORE	\$ -
Sales Tax	CORE	\$ -
TOTAL AMOUNT:		\$ -

Red Hawk Plumbing LLC
PO Box 3994
Hailey, ID 83333 US
3212306672
redhawkplumb@gmail.com

Invoice



RECEIVED

By katiekaisner at 1:59:06 PM, May 07, 2021

BILL TO

Core Construction

20-01-006

INVOICE #	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
425626	05/03/2021	\$3,200.00	05/13/2021	NET 10	

P.O. NUMBER

Sidewalk Snow Melt Ketchum Fire

SALES REP

Dave/Aaron

DATE	ACTIVITY	DESCRIPTION	QTY	RATE	AMOUNT
	PARTS & LABOR	Steel mesh, reflective snowmelt insulation, five eights snowmelt tubing, glycol, permit and inspection fees, and adapters.	1	3,200.00	3,200.00

DISCLAIMER: Fixtures not provided by Red Hawk Plumbing, LLC shall be warranted by the provider.

BALANCE DUE

\$3,200.00



Building. Growing. Leading. ...Since 1937.

Budget Evolution Item Summary

City of Ketchum Fire Station #1

RFI-163 Added Wall Packs @ Drs 102B & 106C

Date: 5/17/2021

Description: Per RFI-163 add Wall packs above doors 102B and 106C

SCOPE	SUBCONTRACTOR	AMOUNT
Added Wall Packs	Magic Valley Electric	\$ 4,637.00
Owner retains original fixtures for stock		
SUBTOTAL:		\$ 4,637.00
SUBTOTAL reflects direct costs only on the presumption that costs will come from allowances. If costs are reimbursed by Change Order, TOTAL AMOUNT below reflects the SUBTOTAL with add of agreed upon markup in accordance with the change order pricing.		
Bond and Insurance	CORE	\$ 97.00
CMAR FEE	CORE	\$ 206.00
Sales Tax	CORE	\$ -
TOTAL AMOUNT:		\$ 4,940.00



Regional office for CORE NV company
777 N 4th St
Bosie, Idaho 83702

Project: 90-20-01-006 - CoK - City of Ketchum Fire Station
107 Saddle Rd.
Ketchum, Idaho 83340

Soffit Light Fixture over Doors 102B, 106C

TO:	Alex Goedhart (Cole Architects) Crystal McColly (Cole Architects)	FROM:	JT Brown (CORE Construction - Las Vegas) 777 N Fourth St Boise, Idaho 83702
DATE INITIATED:	04/02/2021	STATUS:	Open
LOCATION:		DUE DATE:	04/09/2021
PROJECT STAGE:	Course of Construction	COST CODE:	
COST IMPACT:		SCHEDULE IMPACT:	
DRAWING NUMBER:	E3.01	SPEC SECTION:	
LINKED DRAWINGS:		REFERENCE:	

RECEIVED FROM: Jimmy Gyorfy (**Magic Valley Electric**)

COPIES TO:

Eric Abrego (**Signature Roofing**), John Allen (**Interior Contractors**), JT Brown (**CORE Construction - Las Vegas**), Tyler Brown (**Interior Contractors**), Dustin Campbell (**Signature Roofing**), Alex Goedhart (**Cole Architects**), Cary Goldberg (**DPPM Project Management**), Jimmy Gyorfy (**Magic Valley Electric**), Lex Howard (**Magic Valley Electric**), Bill McLaughlin (**City of Ketchum**), Dennis Potts (**DPPM Project Management**), Chris Schratwieser (**CORE Construction - Las Vegas**), Matt Sylvester (**CORE Construction - Las Vegas**)

Question from JT Brown (CORE Construction - Las Vegas) at 02:35 PM on 04/02/2021

The RL-8 fixture is shown to be installed in the soffit outside community room door 102B and hallway door 106C on E3.01. The RL8 fixture has an 11"x14" base that is 4" deep. The soffit in these areas are basically 6" of insulation wrapped sim to 2/A4.01. Please confirm the RL-8 is to be installed or if we need to switch to a wall pack.

Awaiting an Official Response


Switch these (2) fixtures to wall packs. Provide battery backup for both fixtures. The wall packs will be the same fixtures as used on the rest of the building. See attached product spec sheet for reference.

Crystal McColly
Cole Architects
4/20/21

BY

DATE

COPIES TO

Submitted by The MH Companies		Catalog Number: TRP2-D-20-27K7-FT-UNV-DB	Type: WL1
 Job Name: Ketchum Fire Station Architect: Cole Architects (Boise) Controls: Out of State Controls		Notes:	MHID20-106963

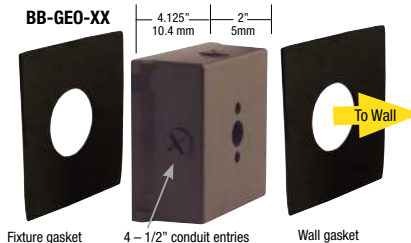
ACCESSORIES - Order separately

Catalog Number	Description
SCP-REMOTE*	Remote control for SCP option. Order at least one per project to program and control dimming settings
BB-GE0-XX	Black box with 4 - 1/2" threaded conduit holes, specify finish by replacing "XX" with finish selection, eg. Dark Bronze "DB"

* Must order minimum of one remote control to program dimming settings, 0-10V fully adjustable dimming with automatic daylight calibration and different time delay settings.
 ** When ordering with SiteSync, one of the following interface options must be chosen an ordered separately. Each option contains the SiteSync License, GUI and Bridge Node.
 + If needed, an additional Bridge Node can be ordered.



BB-GE0-XX - Mounted to luminaire



INPUT POWER CONSUMPTION

# OF LEDS	VERSION	INPUT VOLTAGE (V)	CURRENT (Amps)	SYSTEM POWER (w)
180	Downlight Only	120	0.18	21
		277	0.08	21
		120	0.28	33
		277	0.12	33
		120	0.41	49
		277	0.18	49
		120	0.52	62
		277	0.22	62
		347	0.18	62
	With Uplight	480	0.13	62
		120	0.18	22
		277	0.08	22
		120	0.29	35
		277	0.13	35
		120	0.43	52
		277	0.19	52
		120	0.55	66
		277	0.24	66
		347	0.19	66
		480	0.14	66

PERFORMANCE DATA - LOW GLARE

SECONDARY DISTRIBUTION	NOMINAL WATTS	SYSTEM WATTS	MAIN DISTR. TYPE	5K (5000K nominal, 70 CRI)					4K (4000K nominal, 70 CRI)					3K (3000K nominal, 70 CRI)				
				LUMENS	LPW	B	U	G	LUMENS	LPW	B	U	G	LUMENS	LPW	B	U	G
				FT	WT	FT	WT	FT	FT	WT	FT	WT	FT	FT	WT	FT	WT	FT
None	D-20	21.0	FT	3,082	147	1	0	1	3,067	146	1	0	1	2,883	137	1	0	1
			WT	3,195	152	1	0	0	3,179	151	1	0	0	2,988	142	1	0	0
	D-30	33.4	FT	4,995	150	1	0	1	4,970	149	1	0	1	4,672	140	1	0	1
			WT	5,178	155	1	0	1	5,152	154	1	0	1	4,843	145	1	0	1
	D-50	48.7	FT	7,094	146	1	0	1	7,058	145	1	0	1	6,635	136	1	0	1
			WT	7,353	151	1	0	1	7,316	150	1	0	1	6,877	141	1	0	1
	D-70	61.8	FT	8,669	140	1	0	1	8,626	140	1	0	1	8,108	131	1	0	1
			WT	8,986	145	1	0	1	8,941	145	1	0	1	8,405	136	1	0	1
UC (Canopy)	D-20	22.3	FT	2,991	134	1	3	1	2,976	133	1	3	1	2,798	125	1	3	1
			WT	3,325	149	1	3	0	3,309	148	1	3	0	3,110	139	1	3	0
	D-30	35.5	FT	4,847	137	1	3	1	4,823	136	1	3	1	4,534	128	1	3	1
			WT	5,389	152	1	3	1	5,362	151	1	3	1	5,040	142	1	3	1
	D-50	51.7	FT	6,884	133	1	3	1	6,850	132	1	3	1	6,439	125	1	3	1
			WT	7,653	148	1	3	1	7,615	147	1	3	1	7,158	138	1	3	1
	D-70	65.7	FT	8,413	128	1	3	1	8,371	127	1	3	1	7,869	120	1	3	1
			WT	9,353	142	1	3	1	9,306	142	1	3	1	8,748	133	1	3	1
UG (Wall Graze)	D-20	22.3	FT	2,966	133	1	3	1	2,952	132	1	3	1	2,774	124	1	3	1
			WT	3,302	148	1	3	0	3,286	147	1	3	0	3,089	139	1	3	0
	D-30	35.5	FT	4,808	135	1	3	1	4,784	135	1	3	1	4,497	127	1	3	1
			WT	5,352	151	1	3	1	5,325	150	1	3	1	5,006	141	1	3	1
	D-50	51.7	FT	6,827	132	1	3	1	6,793	131	1	3	1	6,386	124	1	3	1
			WT	7,600	147	1	3	1	7,562	146	1	3	1	7,109	137	1	3	1
	D-70	65.7	FT	8,344	127	1	3	1	8,302	126	1	3	1	7,804	119	1	3	1
			WT	9,288	141	1	3	1	9,242	141	1	3	1	8,687	132	1	3	1
US (Spot/Column)	D-20	22.3	FT	3,156	142	1	3	1	3,140	141	1	3	1	2,952	132	1	3	1
			WT	3,316	149	1	3	0	3,300	148	1	3	0	3,102	139	1	3	0
	D-30	35.5	FT	5,114	144	1	3	1	5,089	143	1	3	1	4,784	135	1	3	1
			WT	5,375	151	1	3	1	5,348	151	1	3	1	5,027	142	1	3	1
	D-50	51.7	FT	7,263	140	1	3	1	7,227	140	1	3	1	6,793	131	1	3	1
			WT	7,633	148	1	3	1	7,595	147	1	3	1	7,140	138	1	3	1
	D-70	65.7	FT	8,876	135	1	3	1	8,832	134	1	3	1	8,302	126	1	3	1
			WT	9,328	142	1	3	1	9,282	141	1	3	1	8,725	133	1	3	1



HUBBELL
Outdoor Lighting

Hubbell Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

© 2016 HUBBELL OUTDOOR LIGHTING. All Rights Reserved • For more information visit our website: www.hubbelloutdoor.com • Printed in USA

TRP2/DI2/QSP2 LG-SPEC
OCTOBER 1, 2018 1:48 PM

**Job Name:**

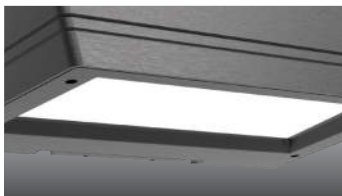
Ketchum Fire Station
Architect: Cole Architects (Boise)
Controls: Out of State Controls

Catalog Number:

TRP2-D-20-27K7-FT-UNV-DB

Notes:**Type:****WL1**

MHID20-106963

LOW - GLARE

Designed for optimal visual comfort and maximum performance, the low glare versions provide excellent illumination and uniformity with zero LED pixelation.

UPLIGHT

Optional uplight distributions provide accent lighting for columns, canopies or building facades

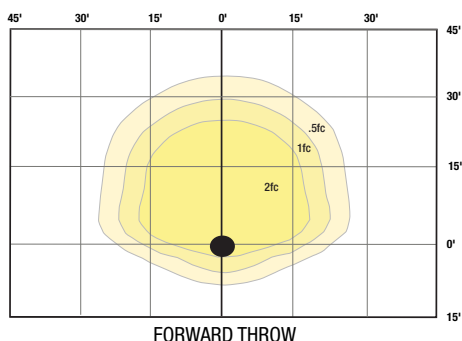
The wall graze also creates a 50/50 appearance on the wall while still providing general illumination on the ground

CONTROL OPTIONS

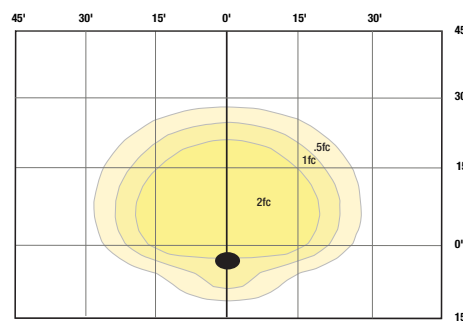
Programmable occupancy sensor offers greater control and energy savings with adjustable delay and dimming levels (Factory default is 10%).

PHOTOMETRICS

Mounting Height 15ft



FORWARD THROW



WIDE THROW

UPLIGHT GRAZE**UPLIGHT SPOT/COLUMN**

HUBBELL
Outdoor Lighting

Hubbell Outdoor Lighting • 701 Millennium Boulevard • Greenville, SC 29607 • Phone: 864-678-1000

Due to our continued efforts to improve our products, product specifications are subject to change without notice.

© 2017 HUBBELL OUTDOOR LIGHTING, All Rights Reserved • For more information visit our website: www.hubbelloutdoor.com • Printed in USA

TRP2/RD12/QSP2 LG-SPEC
OCTOBER 1, 2018 1:48 PM

**Job Name:**

Ketchum Fire Station
Architect: Cole Architects (Boise)
Controls: Out of State Controls

Catalog Number:

LPS32-S RTSLP

Notes:

Type:**WL1E**

MHID20-106963



LIGHTPOWER™ LPS Series

Central Lighting Micro Inverters

FEATURES**Application**

Designed for indoor installation in commercial or industrial applications, LIGHTPOWER™ Series micro inverter systems provide sinusoidal Emergency AC power to lighting fixtures equipped with incandescent, linear fluorescent, compact fluorescent or LED lamps between 20 and 55 watts. The lighting load can be installed at a distance of up to 1,000 feet from the LIGHTPOWER™ micro inverter. Observe all required AC conductor sizing requirements. Ceiling T-Grid mount models approved for use in City of Chicago.

Operation

When normal utility supplied power is interrupted, the LIGHTPOWER™ Series unit will automatically transfer to emergency mode in less than 1-second and begin supplying pure sinusoidal AC power to the load for 90 minutes. The unit is capable of operating normally on, normally off, or switched loads. A low voltage battery disconnect circuit will prevent "deep discharge" damage to the battery. AC lockout prevents battery discharge prior to initial unit power-up. The charging circuit will bring the batteries to full recharge within UL time standards. A "brownout" circuit will automatically transfer the unit to emergency power if the utility voltage falls to a predetermined "low line" limit.

Construction

The LIGHTPOWER™ enclosure and cover are constructed of heavy-duty, 20 gauge steel with a white powder-coat paint finish.

Compliances

UL 924 (Emergency Lighting)
UL 2043 (Plenum Air Handling Spaces) and City of Chicago (CCEA)
for T-Grid Models
Life Safety Code (NFPA 101)
National Electrical Code (NFPA 70)
OSHA, State and Local Code compliant

Warranty

Unit and Electronics: 3 years full*
Batteries: SLA Lead Calcium: 3 years full, 7 years pro-rata
Nickel Cadmium: 2 years full, 13 years pro-rata
* excludes fuses

Batteries must be connected to an energized charging circuit within 90 days from date of shipment or warranty is void.

ORDERING GUIDE

Model	Capacity	Mounting
LPS	20 20 VA/W ¹	S Surface Wall
	32 32 VA/W ²	R Recessed Wall
	35 35 VA/W ¹	T Recessed Ceiling T-Grid
	55 55 VA/W ²	

Ordering Notes:

- ¹ Nickel-Cadmium battery type
² Lead Calcium battery type

Catalog Number	
Comments	Type

LIGHTPOWER™

Surface Mount Model



Recessed Wall Mount Model



Recessed Ceiling Mount T-Grid Model

ACCESSORIES (order separately)

RTSLP Remote Test Switch for LPS



Job Name:
Ketchum Fire Station
Architect: Cole Architects (Boise)
Controls: Out of State Controls

Catalog Number:
LPS32-S RTSLP

Notes:

Type:

WL1E

MHID20-106963



LIGHT POWER™ LPS Series

Central Lighting Micro Inverters

SPECIFICATIONS

Electronics

Input/Output: 120/120VAC or 277/277VAC, 60 Hz

Input/Output Connections: Terminal block

Operating Temperature Range: 20°C to 30°C (68°F to 86°F)

Charger Type: Temperature compensated, dual-mode

AC Lockout: Prevents battery discharge following installation when branch circuit AC power is not present.

Low Voltage Battery Disconnect: Protects the battery from damaging "deep discharge" conditions during prolonged power failures.

Brownout Protection: Automatically transfers to emergency power

when utility voltage drops to a point that would cause fluorescent lamps to extinguish.

Overload and Short Circuit Protection: AC and DC protection provided by fuses and automatic shut down.

Test Means: Manual "TEST" button.

LED Indicators: "AC-ON" (red), "Charging-ON" (green),
"Inverter-ON" (amber).

Batteries

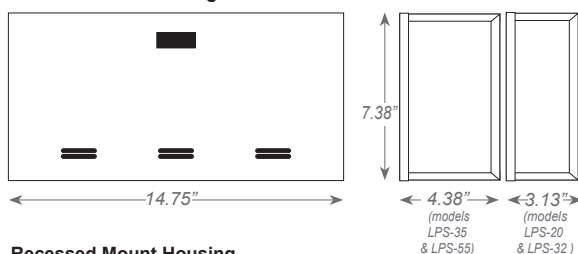
LPS32/LPS55: SLA lead calcium with 10 year rated life.

LPS20/LPS35: Nickel-Cadmium with 15 year rated life.

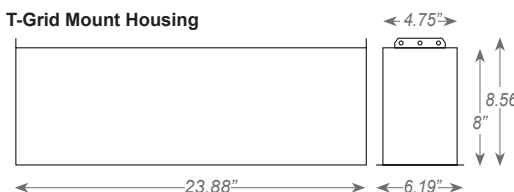
	LPS32	LPS55	LPS20	LPS35
Power Rating (VA/W)	32	55	20	35
Power Factor Range	0.44 lead to 0.44 lag			
Temp Range (°C)	20-30			
Weight (lb) with batteries	14	18	11	12
Maximum Input Current (A)	120 VAC: 0.34 A 277 VAC: 0.15 A	120 VAC: 0.54 A 277 VAC: 0.23 A	120 VAC: 0.25 A 277 VAC: 0.11 A	120 VAC: 0.37 A 277 VAC: 0.16 A
System DC Voltage	12			
Recharge Time (Hr)	96			

DIMENSIONS

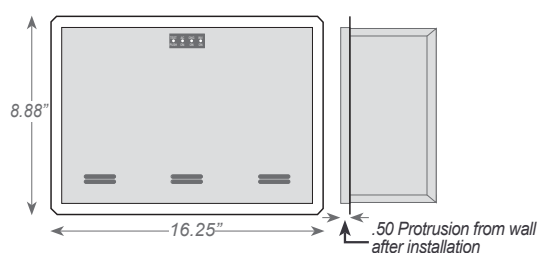
Surface Mount Housing



Ceiling T-Grid Mount Housing



Recessed Mount Housing



Dual-Lite • www.dual-lite.com

A Hubbell Lighting, Inc. brand with representatives' offices in principal cities throughout North America.

Copyright © Hubbell Lighting, Inc., All Rights Reserved • Specifications subject to change without notice. • Printed in U.S.A.



0603636 C 02/19

SUBCONTRACTOR CHANGE ORDER REQUEST

Date: 5/17/2021

SUBCONTRACTOR: Magic Valley Electric

PROJECT NAME: Ketchum Fire station

CONTACT: Jimmy Gyorfy

ADDRESS: 395 Railway Street

Jerome, ID 83338

PHONE: 208-944-4931

PROJECT ADDRESS: 107 Saddle Road

Ketchum, ID 83353

THIS IS IN RESPONSE TO: RFI-163

Bulletin #:

ASI #:

CONTRACTOR: Core Construction

CONTACT: Chris Schratwieser

ADDRESS: 777 North 4th Street

Boise, ID 83702

PHONE: 702-794-0550

VERBAL REQUEST FROM:

SUBCONTRACTOR CO#:

DESCRIPTION: New WL-1E fixtures one above Door 102B and one above door 106C

LOCATION: Ketchum Fire Station

DRAWINGS:

	Trade Description	Hours	Labor Amt.			Total Cost
LABOR:	Journeyman	2	70.00			140.00
	Apprentice	2	60.00			120.00
						0.00
						0.00
						0.00
	Description	QTY	Unit Price	Sub-Total	Taxes	Total Cost
MATERIAL:	WL-1E	2	1,752.02	3,504.04	210.24	3,714.28
	Shipping charge	1	250.00	250.00	15.00	265.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
	Description	QTY	Unit Price	Sub-Total	Taxes	Total Cost
EQUIPMENT:				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
SUBTOTAL:						4,239.28
OH & Profit Material@10%						397.93
GRAND TOTAL:				Total Amount		\$4,637.21

NOTES:

Authorized Signature

Date



Building. Growing. Leading. ...Since 1937.

Budget Evolution Item Summary

City of Ketchum Fire Station #1

ASI-12 Alerting Cabling

Date: 5/27/2021

Description: Per ASI-12 Delete Alerting system Cabling and conductors OFOI

SCOPE	SUBCONTRACTOR	AMOUNT
Delete Cabling and Conductors now OFOI	Magic Valley Electric	\$ (1,754.00)
SUBTOTAL:		\$ (1,754.00)
SUBTOTAL reflects direct costs only on the presumption that costs will come from allowances. If costs are reimbursed by Change Order, TOTAL AMOUNT below reflects the SUBTOTAL with add of agreed upon markup in accordance with the change order pricing.		
Bond and Insurance	CORE	\$ (37.00)
CMAR FEE	CORE	\$ (78.00)
Sales Tax	CORE	\$ -
TOTAL AMOUNT:		\$ (1,869.00)

SUBCONTRACTOR CHANGE ORDER REQUEST

Date: 5/27/2021

SUBCONTRACTOR: Magic Valley Electric

PROJECT NAME: Ketchum Fire station

CONTACT: Jimmy Gyorfy

ADDRESS: 395 Railway Street

Jerome, ID 83338

PHONE: 208-944-4931

PROJECT ADDRESS: 107 Saddle Road

Ketchum, ID 83353

THIS IS IN RESPONSE TO: ASI-12

Bulletin #:

ASI #: 12

CONTRACTOR: Core Construction

CONTACT: Chris Schratwieser

ADDRESS: 777 North 4th Street

Boise, ID 83702

PHONE: 702-794-0550

VERBAL REQUEST FROM:

SUBCONTRACTOR CO#:

DESCRIPTION: Deduction Change order for deleting cable for cameras.

LOCATION: Ketchum Fire station

DRAWINGS:

	Trade Description	Hours	Labor Amt.			Total Cost
LABOR:	Journeyman		70.00			0.00
	Apprentice		60.00			0.00
						0.00
						0.00
						0.00
	Description	QTY	Unit Price	Sub-Total	Taxes	Total Cost
MATERIAL:	decution of Cable from Sub cont.	1	1,654.93	1,654.93	99.30	1,754.23
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
	Description	QTY	Unit Price	Sub-Total	Taxes	Total Cost
EQUIPMENT:				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
				0.00	0.00	0.00
SUBTOTAL:						1,754.23
GRAND TOTAL:				Total Amount		\$1,754.23

NOTES:

Authorized Signature

Date

ASI 12

PROJECT NAME	KETCHUM FIRE STATION #1
PROJECT NUMBER	18-022
DATE	5/13/2021
CONSTRUCTION COMPANY	CORE CONSTRUCTION

THE WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE FOLLOWING SUPPLEMENTAL INSTRUCTIONS ISSUED IN ACCORDANCE WITH THE CONTRACT.

DESCRIPTION OF CHANGES:

DRAWINGS:

ELECTRICAL:

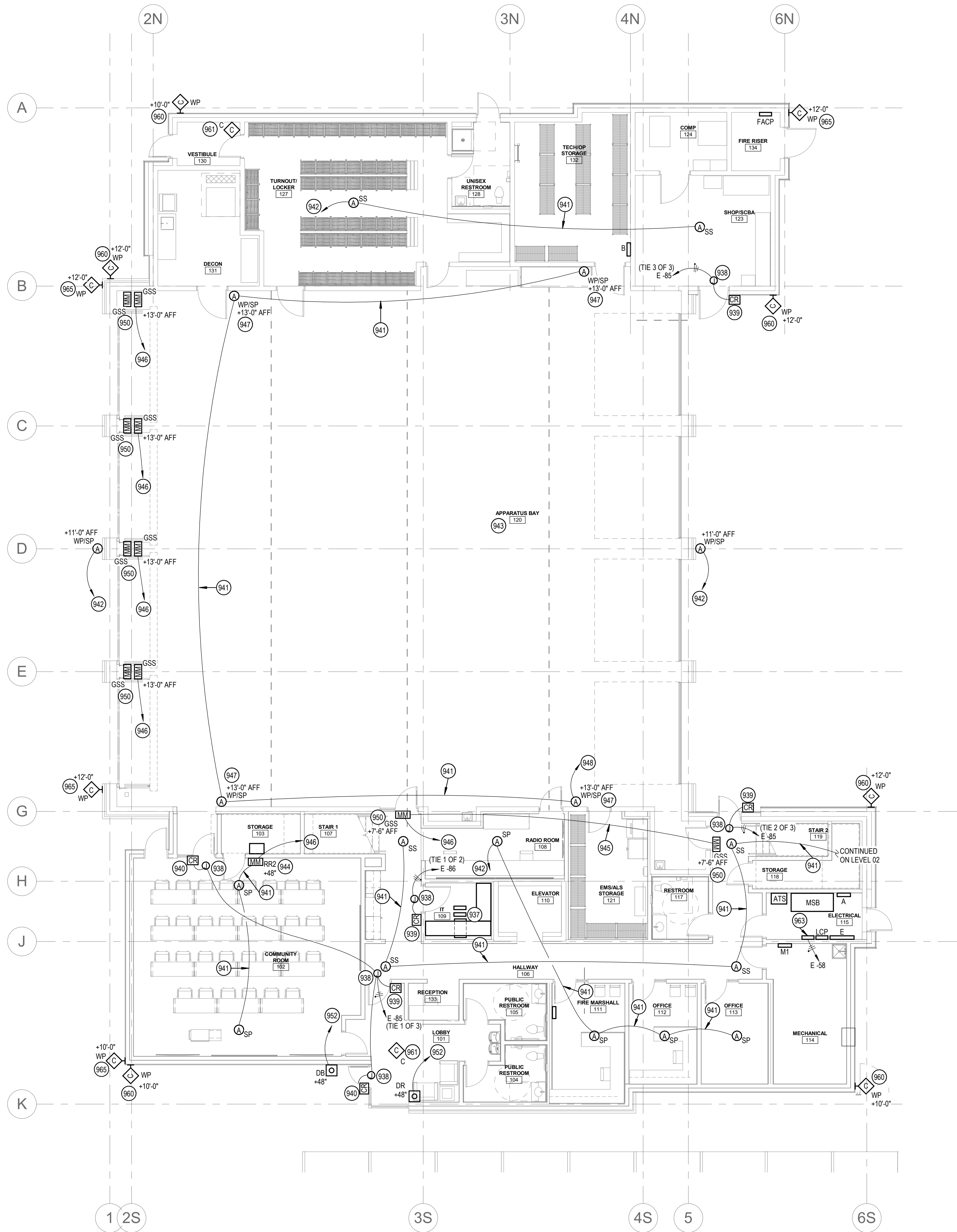
- 1) E7.01 – SECURITY & ALERTING PLAN – LEVEL 01
 - a) ALERTING SYSTEM CABLING AND CONDUCTORS WILL BE INSTALLED BY THE ALERTING SYSTEM CONTRACTOR. REMOVED REFERENCE IN THE KEYED NOTES FOR ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL CABLING AND CONDUCTORS. ELECTRICAL CONTRACTOR WILL STILL BE REQUIRED TO INSTALL J-HOOKS ABOVE ACCESSIBLE CEILING AND CONDUITS FOR ALERTING SYSTEM EQUIPMENT AND CABLING. REFER TO THE ATTACHED DRAWINGS FOR ADDITIONAL INFORMATION.
- 2) E7.02 – SECURITY & ALERTING PLAN – LEVEL 02
 - a) ALERTING SYSTEM CABLING AND CONDUCTORS WILL BE INSTALLED BY THE ALERTING SYSTEM CONTRACTOR. REMOVED REFERENCE IN THE KEYED NOTES FOR ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL CABLING AND CONDUCTORS. ELECTRICAL CONTRACTOR WILL STILL BE REQUIRED TO INSTALL J-HOOKS ABOVE ACCESSIBLE CEILING AND CONDUITS FOR ALERTING SYSTEM EQUIPMENT AND CABLING. REFER TO THE ATTACHED DRAWINGS FOR ADDITIONAL INFORMATION.

ATTACHMENTS:

DRAWINGS:

- E7.01 – SECURITY & ALERTING PLAN – LEVEL 01
- E7.02 – SECURITY & ALERTING PLAN – LEVEL 02

END OF ASI



1 SECURITY AND ALERTING PLAN - LEVEL 01
SCALE | 1/8" = 1'-0"

KEYED NOTES:

- 937 G2 ATX STATION CONTROLLER, G2 UNINTERRUPTIBLE POWER SUPPLY, OEM AMPLIFIER FURNISHED AND INSTALLED BY THE ALERTING SYSTEM CONTRACTOR.
- 938 JUNCTION BOX LOCATED ABOVE ACCESSIBLE CEILING OR FLUSH MOUNTED 24" ABOVE TOP OF DOOR. COORDINATE LOCATION WITH ARCHTITECTURAL DRAWINGS PRIOR TO BEGINNING ROUGH-IN. ROUTE 1/2" CONDUIT TO DOOR MULLION AND 1/2" CONDUIT TO CARD READER. REFER TO THE DOOR CARD ACCESS DETAIL FOR ADDITIONAL INFORMATION.
- 939 FURNISH AND INSTALL JUNCTION BOX FOR CARD READER. PROVIDE 1/2" CONDUIT(S) FROM DOOR MULLION TO JUNCTION BOX(ES) AS SHOWN. REFER TO THE DOOR CARD ACCESS DETAIL FOR ADDITIONAL INFORMATION.
- 940 CARD READER TO BE MOUNTED ON MULLION. PROVIDE 1/2" CONDUIT(S) FROM MULLION TO JUNCTION BOX(ES) AS SHOWN. REFER TO THE DOOR CARD ACCESS DETAIL FOR ADDITIONAL INFORMATION.
- 941 ALERTING SYSTEM CONDUCTORS SHALL BE FURNISH AND INSTALLED BY ALERTING SYSTEM CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL J-HOOKS ABOVE ACCESSIBLE CEILINGS AND 3/4" CONDUIT FOR ALERT SYSTEM CONDUCTORS WHEN ROUTED THROUGH OPEN TO STRUCTURE SPACES OR ABOVE HARD LIDS. INSTALL PULLSTRING IN CONDUITS AND TERMINATE WITH INSULATED THROAT BUSHINGS. COORDINATE CONDUIT ROUTING WITH OTHER TRADES AND ALERTING SYSTEM CONTRACTOR PRIOR TO BEGINNING WORK.
- 942 ALERTING SYSTEM CONDUCTORS SHALL BE FURNISH AND INSTALLED BY ALERTING SYSTEM CONTRACTOR. ROUTE 3/4" CONDUIT WITH PULLSTRING TO THE ALERTING SYSTEM EQUIPMENT IN THE IT ROOM 109. COORDINATE WITH ALERTING SYSTEM CONTRACTOR FOR ADDITIONAL INFORMATION PRIOR TO BEGINNING WORK.
- 943 ALL LOW VOLTAGE CONDUCTORS AND CABLING ROUTED IN OR THROUGH THE APPARATUS BAY SHALL BE ROUTED IN CONDUIT, NO EXCEPTIONS. ROUTE CONDUIT UP AS HIGH AS POSSIBLE AND TIGHT TO STRUCTURE. COORDINATE WITH OTHER TRADES PRIOR TO BEGINNING WORK.
- 944 FURNISH AND INSTALL 4-GANG BOX WITH ROUGH OPENING OF 2-3/4" H x 7-3/8" W AT HEIGHT NOTED.
- 945 ROUTE 3/4" CONDUIT WITH PULLSTRING BETWEEN EQUIPMENT SHOWN. COORDINATE WITH ALERTING SYSTEM CONTRACTOR FOR ADDITIONAL INFORMATION PRIOR TO BEGINNING WORK.
- 946 ALERTING SYSTEM CONDUCTORS SHALL BE FURNISH AND INSTALLED BY ALERTING SYSTEM CONTRACTOR. ROUTE 3/4" CONDUIT WITH PULLSTRING TO THE ALERTING SYSTEM EQUIPMENT IN THE IT ROOM 109. COORDINATE WITH ALERTING SYSTEM CONTRACTOR FOR ADDITIONAL INFORMATION PRIOR TO BEGINNING WORK.
- 947 PROVIDE 4" METAL J-BOX WITH MUD RING AND COVER AT SPEAKER. PROVIDE 3/4" DIA. HOLE CENTERED IN J-BOX COVER WITH HEYCO #2840 BUSHING FOR SPEAKER CABLE. MOUNT AT HEIGHT NOTED.
- 948 ALERTING SYSTEM CONDUCTORS SHALL BE FURNISH AND INSTALLED BY ALERTING SYSTEM CONTRACTOR. ROUTE 3/4" CONDUIT WITH PULLSTRING TO THE ALERTING SYSTEM EQUIPMENT IN THE IT ROOM 109. COORDINATE WITH ALERTING SYSTEM CONTRACTOR FOR ADDITIONAL INFORMATION PRIOR TO BEGINNING WORK.
- 949 PROVIDE 4" METAL J-BOX WITH MUD RING AT HEIGHT NOTE FOR MESSAGE SIGN AT HEIGHT NOTED. ORIENT MUD RING OPENING HORIZONTALLY. PROVIDE DUPLEX STAINLESS STEEL J-BOX COVER WITH 3/4" DIA. HOLE CENTERED IN THE COVER WITH A HEYCO #2840 BUSHING.
- 950 PROVIDE 4" METAL J-BOX WITH MUD RING AT HEIGHT NOTE FOR MESSAGE SIGN AT HEIGHT NOTED. ORIENT MUD RING OPENING HORIZONTALLY. PROVIDE DUPLEX STAINLESS STEEL J-BOX COVER WITH 3/4" DIA. HOLE CENTERED IN THE COVER WITH A HEYCO #2840 BUSHING.
- 951 PROVIDE 4" METAL J-BOX WITH MUD RING AT HEIGHT NOTE FOR MESSAGE SIGN AT HEIGHT NOTED. ORIENT MUD RING OPENING HORIZONTALLY. PROVIDE DUPLEX STAINLESS STEEL J-BOX COVER WITH 3/4" DIA. HOLE CENTERED IN THE COVER WITH A HEYCO #2840 BUSHING.
- 952 ALERTING SYSTEM CONDUCTORS SHALL BE FURNISH AND INSTALLED BY ALERTING SYSTEM CONTRACTOR. ROUTE 3/4" CONDUIT WITH PULLSTRING FROM DEVICE SHOWN TO THE ALERTING SYSTEM EQUIPMENT IN THE IT ROOM 109. COORDINATE WITH ALERTING SYSTEM CONTRACTOR FOR ADDITIONAL INFORMATION PRIOR TO BEGINNING WORK.
- 953 FURNISH AND INSTALL WEATHERPROOF JUNCTION BOX HEIGHT NOTED FOR FUTURE SECURITY CAMERA. ROUTE 3/4" CONDUIT WITH PULLSTRING FROM JUNCTION BOX AND STUB ABOVE NEAREST ACCESSIBLE CEILING. TERMINATE WITH INSULATED THROAT BUSHING.
- 961 FURNISH AND INSTALL JUNCTION BOX IN CEILING FOR FUTURE SECURITY CAMERA. ROUTE 3/4" CONDUIT WITH PULLSTRING FROM JUNCTION BOX AND STUB ABOVE NEAREST ACCESSIBLE CEILING. TERMINATE WITH INSULATED THROAT BUSHING.
- 963 ALARM INTERFACE PANEL. REFER TO THE ALARM INTERFACE PANEL DETAIL FOR ADDITIONAL INFORMATION.
- 965 FURNISH AND INSTALL WEATHERPROOF JUNCTION BOX HEIGHT NOTED FOR FUTURE SECURITY CAMERA. ROUTE 3/4" CONDUIT WITH PULLSTRING FROM JUNCTION BOX AND STUB ABOVE NEAREST ACCESSIBLE CEILING. TERMINATE WITH INSULATED THROAT BUSHING.



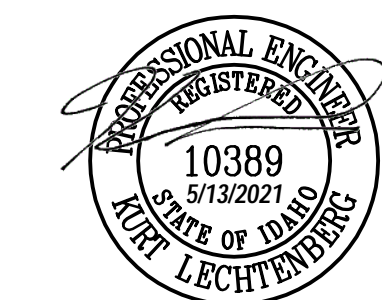
1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC



ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3620

SHEET NAME



CONSULTANT



234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



KETCHUM FIRE
STATION

107 SADDLE ROAD, KETCHUM ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE 6/19/2020

JOB NUMBER 18-022

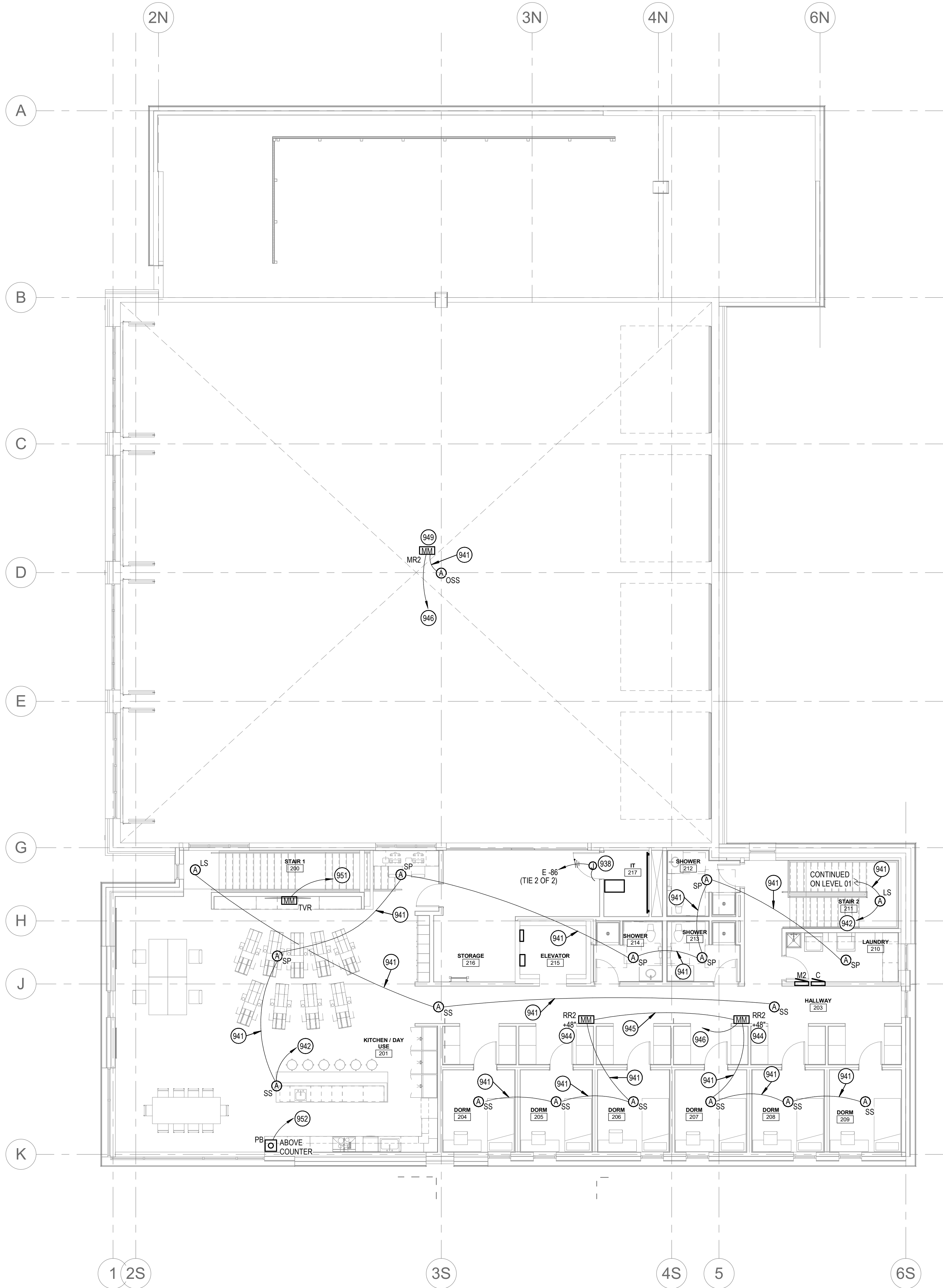
MARK	DATE	DESCRIPTION
28	5/13/21	ASI 09
31	5/13/21	ASI 12

SHEET NAME

SECURITY &
ALERTING PLAN -
LEVEL 01

SHEET NUMBER

E7.01



KEYED NOTES:

SYMBOL USED FOR CALLOUT

938 JUNCTION BOX LOCATED ABOVE ACCESSIBLE CEILING OR FLUSH MOUNTED 24" ABOVE TOP OF DOOR. COORDINATE LOCATION WITH ARCHITECTURAL DRAWINGS PRIOR TO BEGINNING ROUGH-IN. ROUTE 1/2" CONDUIT TO DOOR MULLION AND 1/2" CONDUIT TO TO CARD READER. REFER TO THE DOOR CARD ACCESS DETAIL FOR ADDITIONAL INFORMATION.

941 ALERTING SYSTEM CONDUCTORS SHALL BE FURNISH AND INSTALLED BY ALERTING SYSTEM CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL J-HOOKS ABOVE ACCESSIBLE CEILINGS AND 3/4" CONDUIT FOR ALERT SYSTEM CONDUCTORS WHEN ROUTED THROUGH OPEN TO STRUCTURE SPACES OR ABOVE HARD LIDS. INSTALL PULLSTRING IN CONDUITS AND TERMINATE WITH INSULATED THROAT BUSHINGS. COORDINATE CONDUIT ROUTING WITH OTHER TRADES AND ALERTING SYSTEM CONTRACTOR PRIOR TO BEGINNING WORK.

942 ALERTING SYSTEM CONDUCTORS SHALL BE FURNISH AND INSTALLED BY ALERTING SYSTEM CONTRACTOR. ROUTE 3/4" CONDUIT WITH PULLSTRING TO THE ALERTING SYSTEM EQUIPMENT IN THE IT ROOM 109. COORDINATE WITH ALERTING SYSTEM CONTRACTOR FOR ADDITIONAL INFORMATION PRIOR TO BEGINNING WORK.

943 FURNISH AND INSTALL L-GANG BOX WITH ROUGH OPENING OF 2-3/4" H x 7-3/8" W AT HEIGHT NOTED.

945 ROUTE 3/4" CONDUIT WITH PULLSTRING BETWEEN EQUIPMENT SHOWN. COORDINATE WITH ALERTING SYSTEM CONTRACTOR FOR ADDITIONAL INFORMATION PRIOR TO BEGINNING WORK.

946 ALERTING SYSTEM CONDUCTORS SHALL BE FURNISH AND INSTALLED BY ALERTING SYSTEM CONTRACTOR. ROUTE 3/4" CONDUIT WITH PULLSTRING TO THE ALERTING SYSTEM EQUIPMENT IN THE IT ROOM 109. COORDINATE WITH ALERTING SYSTEM CONTRACTOR FOR ADDITIONAL INFORMATION PRIOR TO BEGINNING WORK.

949 COORDINATE EQUIPMENT AND MOUNTING LOCATION WITH ALERT SYSTEM CONTRACTOR PRIOR TO BEGINNING WORK.

951 ALERTING SYSTEM CONDUCTORS SHALL BE FURNISH AND INSTALLED BY ALERTING SYSTEM CONTRACTOR. ROUTE 3/4" CONDUIT WITH PULLSTRING TO THE ALERTING SYSTEM EQUIPMENT IN THE IT ROOM 109. COORDINATE WITH ALERTING SYSTEM CONTRACTOR FOR ADDITIONAL INFORMATION PRIOR TO BEGINNING WORK.

952 ALERTING SYSTEM CONDUCTORS SHALL BE FURNISH AND INSTALLED BY ALERTING SYSTEM CONTRACTOR. ROUTE 3/4" CONDUIT WITH PULLSTRING FROM DEVICE SHOWN TO THE ALERTING SYSTEM EQUIPMENT IN THE IT ROOM 109. COORDINATE WITH ALERTING SYSTEM CONTRACTOR FOR ADDITIONAL INFORMATION PRIOR TO BEGINNING WORK.

COLE

ARCHITECTS

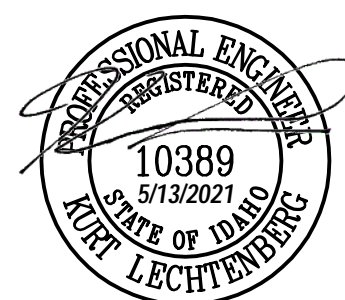
1008 W Main St
Boise, Idaho 83702
208.345.1800
colearchitects.net
Copyright © 2020 Cole Architects, PLLC

T C A

ARCHITECTURE + PLANNING + DESIGN

6211 Roosevelt Way NE
Seattle, WA 98115
206.522.3520

STAMP



CONSULTANT

ME MUSGROVE
ENGINEERING, P.A.

234 S. WHISPERWOOD WAY
BOISE, IDAHO 83709
(208) 384-0585
PROJECT #19-366

PROJECT INFORMATION



KETCHUM FIRE STATION

107 SADDLE ROAD, KETCHUM ID 83353

ISSUES

PHASE CONSTRUCTION SET

DATE 6/19/2020

JOB NUMBER 18-022

MARK	DATE	DESCRIPTION
31	5/13/21	ASI 12

SHEET NAME

SECURITY & ALERTING PLAN - LEVEL 02

SHEET NUMBER

E7.02