

Addendum #01

Date: November 28, 2022

Project: Longview School District HVAC Chiller Replacements and Indoor Air Quality Improvements

The additions, clarifications and corrections herein shall be made to the Project Manual, Drawings and Schedules for the above-referenced project, and shall be included in the scope of work and proposals to be submitted.

NOTE: References made below to the Project Manual and Drawings shall be used as a general guide only. The Bidders themselves shall determine the work affected by the Addendum items.

PROJECT MANUAL ITEMS

- | | |
|-----------------|---|
| <u>Item #01</u> | <u>Section 000110 TABLE OF CONTENTS</u> |
| Add. #01 | ADD: Section 283100 – FIRE ALARM SYSTEM |
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| <u>Item #02</u> | <u>Section 000110 TABLE OF CONTENTS</u> |
| Add. #01 | DELETE: Section 230130 – HVAC AIR DUCT CLEANING |
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| <u>Item #03</u> | <u>Section 016100A SUBSTITUTION REQUEST FORM</u> |
| Add. #01 | ADD: Section 016100A in its entirety per attached Section 016100A |
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| <u>Item #04</u> | <u>Section 012300 ALTERNATES</u> |
| Add. #01 | REVISE: paragraphs 3.1/A/1 and 2 to read the following:
1. Base Bid: Provide chillers by any manufacturer listed in Section 23 64 00.
2. Alternate Bid #1: Provide chillers as manufactured by SMARTD and complying with Section 236400. |
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| <u>Item #05</u> | <u>Section 017005 EXECUTION</u> |
| Add. #01 | REVISE: paragraph 1.3/A from “A. Owner will appoint... adjusting and balancing.” to “Provide Testing and balancing per Division 23” |
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 | |
| <u>Item #06</u> | <u>Section 070150 MAINTENANCE OF ROOFING</u> |
| Add. #01 | REVISE: paragraph 1.6 /A from “A. Existing Roofing System: modified bituminous roofing systems.” to “A. Existing Roofing System: 60 mil, single-ply thermoplastic roof system, contractor to verify in field” |

ADDENDUM #01

Longview School District HVAC Chiller Replacements and Indoor Air Quality Improvements

Page No. 1

- Item #07 Section 070150 MAINTENANCE OF ROOFING
Add. #01 **REVISE:** paragraph 2.1/B from “Roofing Repair as Required: remove existing Modified Bituminous roofing membrane and components of existing roofing system down to existing wood roof deck ... equipment locations.” to “**Roofing Repair as Required: remove existing 60 mil, single-ply thermoplastic roofing membrane (contractor to verify in field) and components of existing roofing system down to existing wood roof deck... equipment locations**”
- Item #08 Section 230130 – HVAC AIR DUCT CLEANING
Add. #01 **DELETE:** Entire Section.
- Item #09 Section 230529 – HANGERS AND SUPPORTS FOR MECHANICAL
Add. #01 **DELETE:** Paragraph 2.02, M.
- Item #10 Section 230529 – HANGERS AND SUPPORTS FOR MECHANICAL
Add. #01 **DELETE:** Paragraphs 2.04, F and G and Paragraph 3.01, F, 3.
- Item #11 Section 230529 – HANGERS AND SUPPORTS FOR MECHANICAL
Add. #01 **DELETE:** Section 3.04.
- Item #12 Section 233100 – HVAC DUCTS AND CASINGS
Add. #01 **DELETE:** Paragraph 1.02, B.
- Item #13 Section 233300 – DUCT ACCESSORIES
Add. #01 **DELETE:** Section 2.05.
- Item #14 Section 283100 – FIRE ALARM SYSTEM
Add. #01 **ADD:** Entire Section, see attached Section 283100 – Fire Alarm System.

DRAWING ITEMS

STRUCTURAL

- Item #S01 S1-3 – PLAN VIEWS AND DETAILS
Add. #01 **REVISE:** text callout on detail 2/S1-3 from “WALL FINISH TO CL GUARDRAIL, GC VERIFY” to “**WALL FINISH TO CL GUARDRAIL = 1'-0", GC VERIFY**”.
- Item #S02 S1-3 – PLAN VIEWS AND DETAILS
Add. #01 **REVISE:** detail 13/S1-3 per attached sketch ADS-001.

ADDENDUM #01

ARCHITECTURAL

Item #A01 COVER SHEET

Add. #01 **ADD:** Sheet "A100 - COLUMBIA HEIGHTS PLAN" to the sheet list.

Item #A02 AD100 – LEVEL1 AREA A – DEMO FLOOR PLAN

Add. #01 **REVISE:** DEMOLITION LEGEND per attached ADA 001.

Item #A03 AD100 – LEVEL1 AREA A – DEMO FLOOR PLAN

Add. #01 **REVISE:** Detail 1 – LEVEL 1 – COLUMBIA HEIGHTS ENLARGED DEMO PLAN per attached ADA 002.

Item #A04 A100 – COLUMBIA HEIGHTS PLAN

Add. #01 **ADD:** SHEET A100 – COLUMBIA HEIGHTS PLAN in its entirety per attached Sheet A100 to clarify painting of interior elements, roof patching scope, and patching of interior walls, floor, and ceiling.

MECHANICAL

Item #M01 ME1.1 – DEMO PLAN – NORTHLAKE ES

Add. #01 **ADD:** note to chiller at Partial Site Plan – Mech/Elec Demo: "*DEMO EXISTING CONCRETE PAD AND ASPHALT TO NEW CHILLER PAD EXTENT. REFERENCE STRUCTURAL DETAIL 13 / S1-3.*"

Item #M02 ME1.1 – DEMO PLAN – NORTHLAKE ES

Add. #01 **ADD:** note to pump at Boiler Room Plan – Mech/Elec Demo: "REMOVE EXISTING PIPING AS NECESSARY TO ACCOMMODATE NEW PUMP AND SUCTION DIFFUSER."

Item #M03 ME1.2 – DEMO PLAN – CASCADE MS

Add. #01 **REVISE:** Keyed Note 2 to read: "REMOVE EXISTING PUMP COMPLETE, INCLUDING SUCTION DIFFUSER SUPPORTS, FITTINGS AND ACCESSORIES. REMOVE PIPING AS NECESSARY TO ACCOMMODATE NEW PUMPS AND SUCTION DIFFUSERS."

Item #M04 ME1.2 – DEMO PLAN – CASCADE MS

Add. #01 **ADD:** note to chiller at Partial Site Plan – Mech/Elec Demo: "DEMO EXISTING CONCRETE SLAB TO NEW CHILLER PAD EXTENTS. REFERENCE STRUCTURAL DETAIL 13 / S1-3."

Item #M05 ME1.3 – DEMO PLAN – COLUMBIA HEIGHTS ES

Add. #01 **ADD:** General Note 3: "PRIOR TO DEMOLITION OF EXISTING HVAC EQUIPMENT AND ORDERING NEW EQUIPMENT, CONTRACTOR SHALL MEASURE TOTAL SUPPLY AIR, RETURN AIR, AND OUTSIDE AIR AND SUBMIT MEASUREMENTS TO ENGINEER FOR REVIEW."

ADDENDUM #01

Longview School District HVAC Chiller Replacements and Indoor Air Quality Improvements
Page No. 3

- Item #M06 ME2.1 – MECH/ELEC PLAN – NORTHLAKE ES
Add. #01 **ADD:** note to chiller: “PROVIDE 1” THICK NEOPRENE ISOLATION PADS BETWEEN CHILLER AND CONCRETE HOUSEKEEPING PAD.”
- Item #M07 ME2.1 – MECH/ELEC PLAN – NORTHLAKE ES
Add. #01 **ADD:** note to Pump N-CP-1: “MODIFY EXISTING PIPING AS NECESSARY TO ALLOW INSTALLATION OF NEW PUMP AND SUCTION DIFFUSER.”
- Item #M08 ME2.2 – MECH/ELEC PLAN – CASCADE MS
Add. #01 **ADD:** note to chiller: “PROVIDE 1” THICK NEOPRENE ISOLATION PADS BETWEEN CHILLER AND CONCRETE HOUSEKEEPING PADS.”
- Item #M09 ME2.2 – MECH/ELEC PLAN – CASCADE MS
Add. #01 **ADD:** note to all pumps: “MODIFY EXISTING PIPING AS NECESSARY TO ALLOW INSTALLATION OF NEW PUMP AND SUCTION DIFFUSER”.
- Item #M10 ME2.3 – MECH/ELEC PLAN – COLUMBIA HEIGHTS ES
Add. #01 **ADD:** CO2 sensors behind existing return grilles servicing multipurpose room. Connect sensors to existing DDC System.
- Item #M11 ME2.3 – MECH/ELEC PLAN – COLUMBIA HEIGHTS ES
Add. #01 **REPLACE:** existing thermostat / temperature sensor serving multipurpose room with new to allow control of new units. Verify location of existing thermostat / sensor prior to ordering materials. Connect new thermostat / sensor to existing DDC System.
- Item #M12 ME3.1 – SCHEMATICS AND DETAILS
Add. #01 **REVISE:** chiller housekeeping pad callout at Detail 1 / ME3.1 to read: “CONCRETE CHILLER PAD, REFERENCE STRUCTURAL DETAIL 13 / S1-3.”
- Item #M13 ME3.1 – SCHEMATICS AND DETAILS
Add. #01 **ADD:** note to suction diffuser at pump Detail 4 / ME3.1 to read: “PROVIDE NEW SUCTION DIFFUSER. MODIFY EXISTING PIPING AS NECESSARY TO ALLOW INSTALLATION.”
- Item #M14 ME3.1 – SCHEMATICS AND DETAILS
Add. #01 **ADD:** note to suction diffusers at pump Detail 6 / ME3.1 to read: “PROVIDE NEW SUCTION DIFFUSERS. MODIFY EXISTING PIPING AS NECESSARY TO ALLOW INSTALLATION.”

ELECTRICAL

- Item #E01 ME2.3 MECH/ELEC PLAN – COLUMBIA HEIGHTS ES
Add. #01 **ADD:** General Note 5: “PROVIDE 120 VAC, 15A WEATHER PROOF, GFCI RECEPTACLE WITHIN 25 FEET OF NEW MECHANICAL UNITS AS PER NEC 210.63. CONNECT TO NEAREST AVAILABLE RECEPTACLE CIRCUIT IN BUILDING.”

ADDENDUM #01

Contractor Questions:

1. Are the existing electrical feeders serving the chillers adequately sized to serve the new chillers?
New chiller power requirements do not exceed the power requirements of the existing chillers.
2. Does the Contractor need to cover the Control System Vendor costs or will the Owner contract that work separately?
Control work is to be covered by Contractor; reference Division 25 specifications.

Attachments:

Project Manual

Pre-bid Site walk attendance sheet

Section 016100A – Substitution Request Form

Section 283100 – Fire Alarm System

Drawings

A100

ADA-001

ADA-002

ADS-001

END OF ADDENDUM #01



Meeting Date: November 22, 2022
Time: 1:00 PM
Location: Cascade MS, Columbia Heights ES, Northlake ES

Page 1 of 2

SUBSTITUTION REQUEST FORM

TO: Integrus Architecture

PROJECT: Longview School District HVAC Chiller Replacements and Indoor Air Quality Improvements

SPECIFIED ITEM:

Section	Page	Paragraph	Description
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The undersigned requests consideration of the following:

PROPOSED SUBSTITUTION: _____

Attached data includes product description, specifications, drawings, photographs, performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes description of changes to Contract Documents that the proposed substitution will require for its proper installation.

Attach list of at least 3 projects where proposed substitution has been used within past 12 months. Include name, address, and telephone number of Owner and Architect.

The undersigned certifies that the following paragraphs, unless modified by attachments, are correct:

1. The proposed substitution does not affect dimensions shown on Drawings.
2. The undersigned will pay for changes to the building design, including engineering design, detailing and construction costs caused by the requested substitution.
3. The proposed substitution will have no adverse affect on other trades, the construction schedule, or specified warranty requirements.
4. Maintenance and service parts will be locally available for the proposed substitution.

The undersigned further states that the function, appearance and quality of the proposed substitution are equivalent or superior to the specified item.

Submitted by:

Name (Printed)

Signature

Firm Name

Address

City, State, Zip

Date

Telephone

For use by the A/E:

☐ Accepted

☐ Accepted as noted

☐ Not Accepted

☐ Received too late

By

Date

Remarks

Attachments:

PART 1 - GENERAL

1.01 SECTION INCLUDES

- A. Building fire detection and alarm system, bidder design.
- B. [Scope of work covers more than one building as follows:]

1.02 RELATED SECTIONS

- A. Section 26 01 00, Electrical General Requirements
- B. Section 26 04 00, Existing Systems
- C. Section 26 05 00, Basic Materials & Methods

1.03 REGULATORY REQUIREMENTS

- A. Conform to requirements of Washington State Fire Marshal's office and local Fire Marshal.
- B. Conform to requirements of following publications in addition to requirements of 26 01 00 [16010]:
 - IFC International Fire Code
 - NFPA 72 National Fire Alarm Code
 - Local fire alarm code adopted by the jurisdiction

1.04 SYSTEM DESCRIPTION

- A. Fire Alarm System: Supervised, non-coded, multizone, Class B wiring (2 wire with end of line device). For addressable systems, use signaling line circuit (SLC) intelligent loop wiring for initiation and monitoring circuits.
- B. Existing System: Edwards Fire Safety EST Panel
 - 1. Provide equipment, devices, and wiring to maintain the existing fire alarm system and for upgrades required to accommodate new work.
- C. Alarm Sequence of Operation: Actuation of any manual or automatic initiating device results in system ALARM which includes the following operations:
 - 1. Display alarm status information at control panel and remote annunciator.
 - 2. Audible and visual alarm signals operate continuously until initiating devices are restored to normal and control panel is reset. If alarm silence switch is activated, alarm LED annunciation continues. New alarm resounds signals.
 - 3. Alarm signal is transmitted to [remote Central Station monitored by Captek Alarm.
 - 4. Relays activate to initiate HVAC shut down, release door hold open devices, close smoke dampers, and operate elevator and stairwell pressurization fans.

- D. Trouble Sequence of Operation: Grounded circuit, open circuit, power failure, or system failure results in system TROUBLE which includes the following operations:
 - 1. Display trouble status information at the control panel. Audible trouble signal operates continuously until activation of silence switch.
 - 2. Trouble signal is transmitted to remote Central Station.
- E. Duct Detector Supervision: Actuation of any smoke duct detector results in supervisory which includes the following operations:
 - 1. Display supervisory status information at the control panel. Audible trouble signal operates continuously until activation of silence switch.
 - 2. Duct detector supervisory signal is transmitted to remote Central Station.
- F. Zoning: As approved by authority having jurisdiction. Use final room names, room number, and area designations as verified with the Owner.

1.05 SYSTEM PARAMETERS

- A. Design: Comply with requirements of the International Fire Code, International Building Code, and local fire alarm code as adopted and supplemented by authority having jurisdiction and applicable for the Building Occupancy, by Group and Division, indicated in the Construction Documents. Provide additional devices as required. Upgrade/modify existing system to accommodate new Work.
- B. Pre-bid Coordination: Obtain and review all construction documents prior to bidding as required to verify site conditions, floor plans, building sections, ceiling types, building construction, mechanical systems, building equipment and other conditions that will affect the fire alarm system design. Verify fire alarm design and system requirements with local authority having jurisdiction.
- C. Fire Protection Sprinkler System: Building(s) are not sprinklered.
- D. Device Compatibility: All alarm, initiating, and accessory devices provided shall be listed in the device compatibility document available from the manufacturer for the fire alarm control panel installed.
- E. Duct Smoke Detectors:
 - 1. Provide for HVAC units rated above 2000 CFM.
 - 2. Provide for smoke dampers unless total coverage smoke detection is provide in all areas served by the HVAC system per IMC requirements.
 - 3. Provide each duct smoke detector with a remote LED/Test station located in an accessible location approved by the Fire Marshal.
 - 4. Coordinate quantity, location, and access for duct smoke detectors with Division 23 Contractor.
- F. Provide identification sticker on end of line (EOL) devices.

- G. Wiring Method: Provide conductors installed in conduit. Open cabling not approved.
- H. Device Locations: Subject to review and approval by Architect/Engineer during shop drawing review. Changes in device locations may be directed and shall be accommodated subject to Code compliance.

1.06 SUBMITTALS

- A. Submit product data for all items specified under Part 2 of this section.
- B. Provide shop drawings of existing system and new work as required by Fire Marshal. Include graphic annunciator plaque, wiring diagrams, system layout and battery calculations. Indicate wire color coding and termination points for control panel, remote annunciator, and each type of device. Show equipment and device locations, size, type, quantity, and routing of interconnecting wiring, end of line locations, and zoning.
- C. Submit product data and shop drawings to Fire Marshal for review and approval in addition to Architect/Engineer submittal requirements.

1.07 OPERATION & MAINTENANCE DATA

- A. Include data for complete system in Operation and Maintenance Manuals.

1.08 QUALIFICATIONS

- A. Company: Have minimum five (5) years experience in the installation of fire alarm systems and capable of providing 24 hour repair service with 2 hour response time.
- B. Installers: Trained technicians possessing a current specialty electrician certificate of competency issued by the State of Washington and National Institute for Certification in Engineering Technologies (NICET) Level II certification shall perform the work.
- C. Authorized factory representative of the system being installed shall supervise installation, testing, and adjustment of the system.

PART 2 - PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

- A. Edwards

2.02 INITIATING DEVICES

- A. Duct Detector, Smoke: Photoelectric or ionization type smoke detector, duct mounted detector housing with sampling tubes extending width of duct, visual indication of detector actuation. Provide auxiliary DPDT contacts for HVAC shutdown and/or smoke damper actuation, rated 1/8 HP at 120 VAC and 1/4 HP at 240 VAC minimum.

2.03 MATERIALS

- A. Conductors for 120 Volt Circuits: Building wire as specified in Section 26 05 00.

- B. Conductors for 24 Volt DC Circuits: Comply with NFPA 70, Article 760 for insulation requirements. Solid copper conductor, minimum #14 AWG for signal circuits and #16 AWG for initiating circuits. Jacketed twisted pair, copper conductor, with shielding as recommended by alarm system manufacturer for SLC intelligent loop wiring. Outside plant cable shall UL listed for the purpose.
- C. Conduit: As specified in Section 26 05 00, metallic only.
- D. Device and Junction-Boxes: As specified in Section 26 05 00, except surface boxes shall be furnished by alarm system manufacturer to match devices. Boxes shall be red in color. Device and junction boxes located outside of buildings shall be tamper proof. Outdoor boxes shall be weatherproof.

PART 3 - EXECUTION

3.01 EXISTING SYSTEM

- A. See Section 26 04 00, Existing Systems, for additional requirements.

3.02 INSTALLATION

- A. Install system in accordance with manufacturer's instructions.
- B. Comply with requirements of Section 26 05 00. Exposed wiring is permitted only in existing construction where wiring cannot be fished.
- C. Coordinate quantity, location, and access for duct smoke detectors and sampling tubes with Division 23 Contractor. Furnish sampling tube/detector housing assemblies for installation by ductwork installer. Do not locate sampling tubes less than 6 duct widths from return air inlet, bend in duct, or other obstruction in duct. Locate sampling tube/detector housing assemblies for smoke dampers on the damper housing where recommended by smoke damper manufacturer.
- D. Smoke Control: Provide conduit, wire, interface relay, and connection to smoke dampers and to motor controllers of pressurization fans.
- E. Fan Shut-Down: Provide conduit, wire, relays and connection for shutdown of air moving equipment rated over 2000 cfm per IMC Section 606. Final connection to HVAC equipment with integral motor controls shall be provided under Division 25.
- F. Pathway Identification: j-boxes, outlets and conduit covers shall be identified red in color. Conduit in accessible attic and ceiling spaces, and where surface mount in electrical, telecomm and mechanical spaces, shall be identified red in color every 8 feet or fraction thereof, along its length.

3.03 TESTING

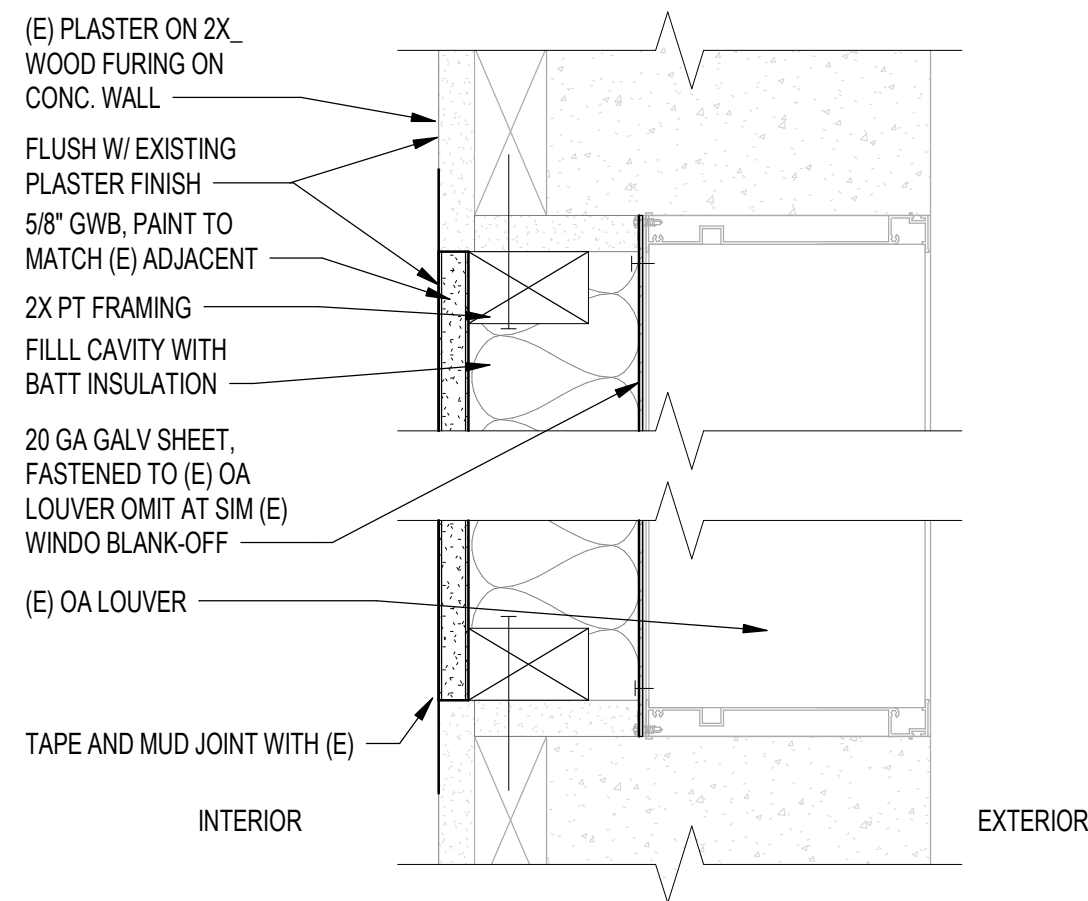
- A. Test system in accordance with NFPA 72 and Fire Marshal requirements.

3.04 DEMONSTRATION AND INSTRUCTIONS

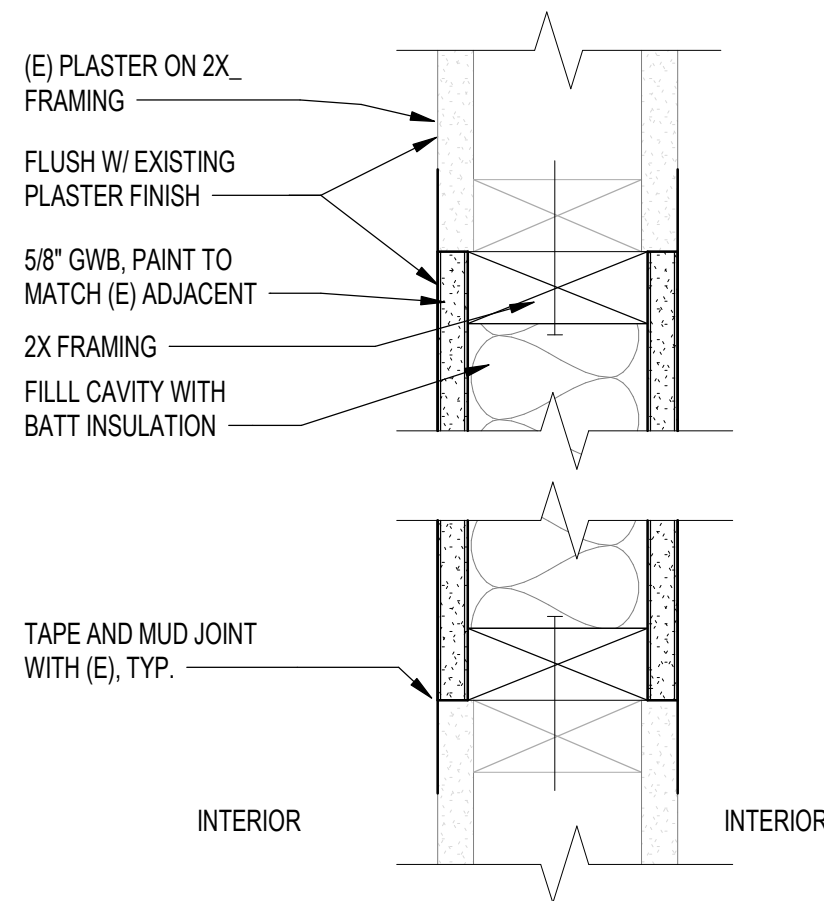
- A. Demonstrate operation and maintenance of system to Owner's personnel prior to Contract Closeout. Allow one four hour session scheduled at convenience of Owner.

- B. Use operation and maintenance manuals as basis of instruction. Review contents of manual with personnel in detail to explain all aspects of operation and maintenance.
- C. Demonstrate operation, control, trouble shooting, maintenance, and testing of system.

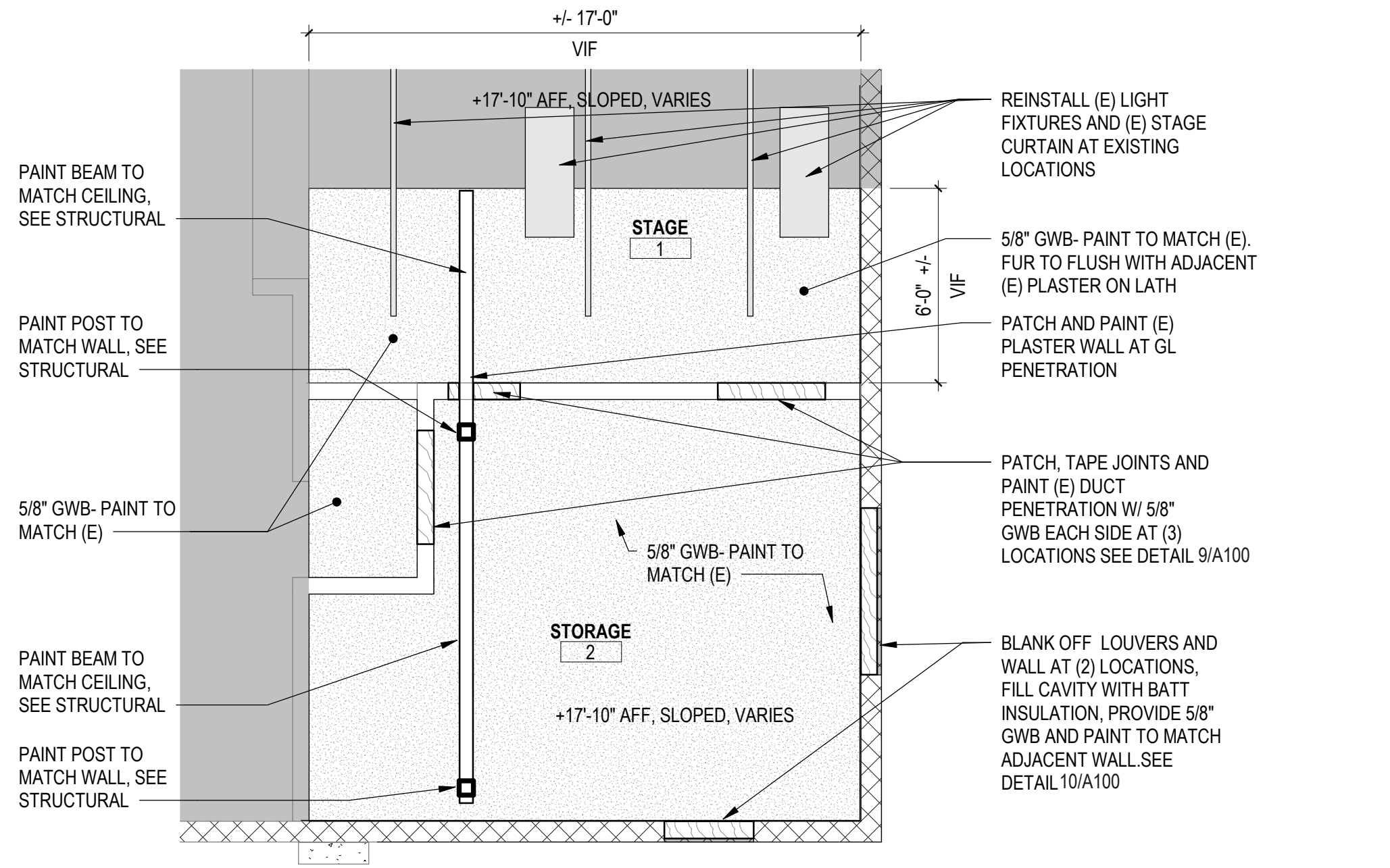
END OF SECTION



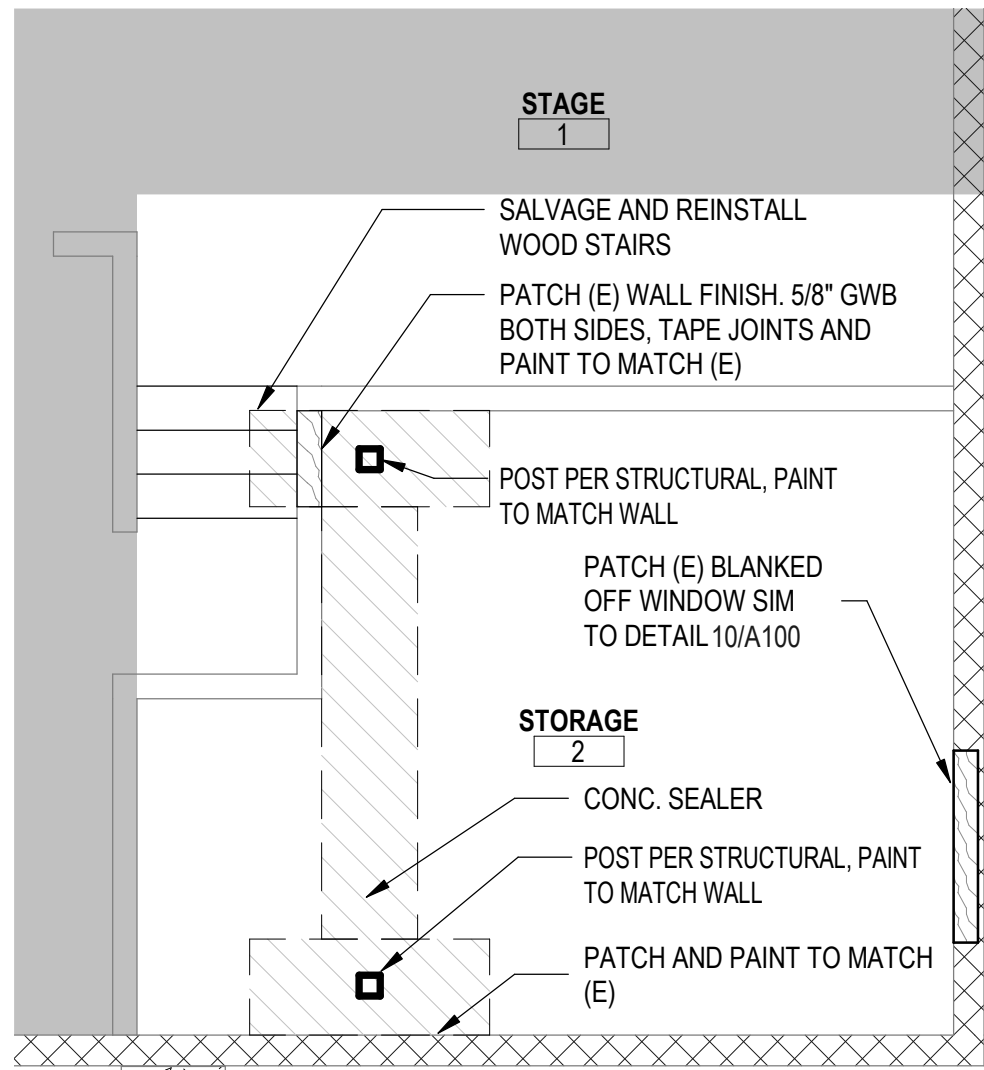
10 LOUVER BLANK OFF DETAIL
SCALE: 3" = 1'-0"



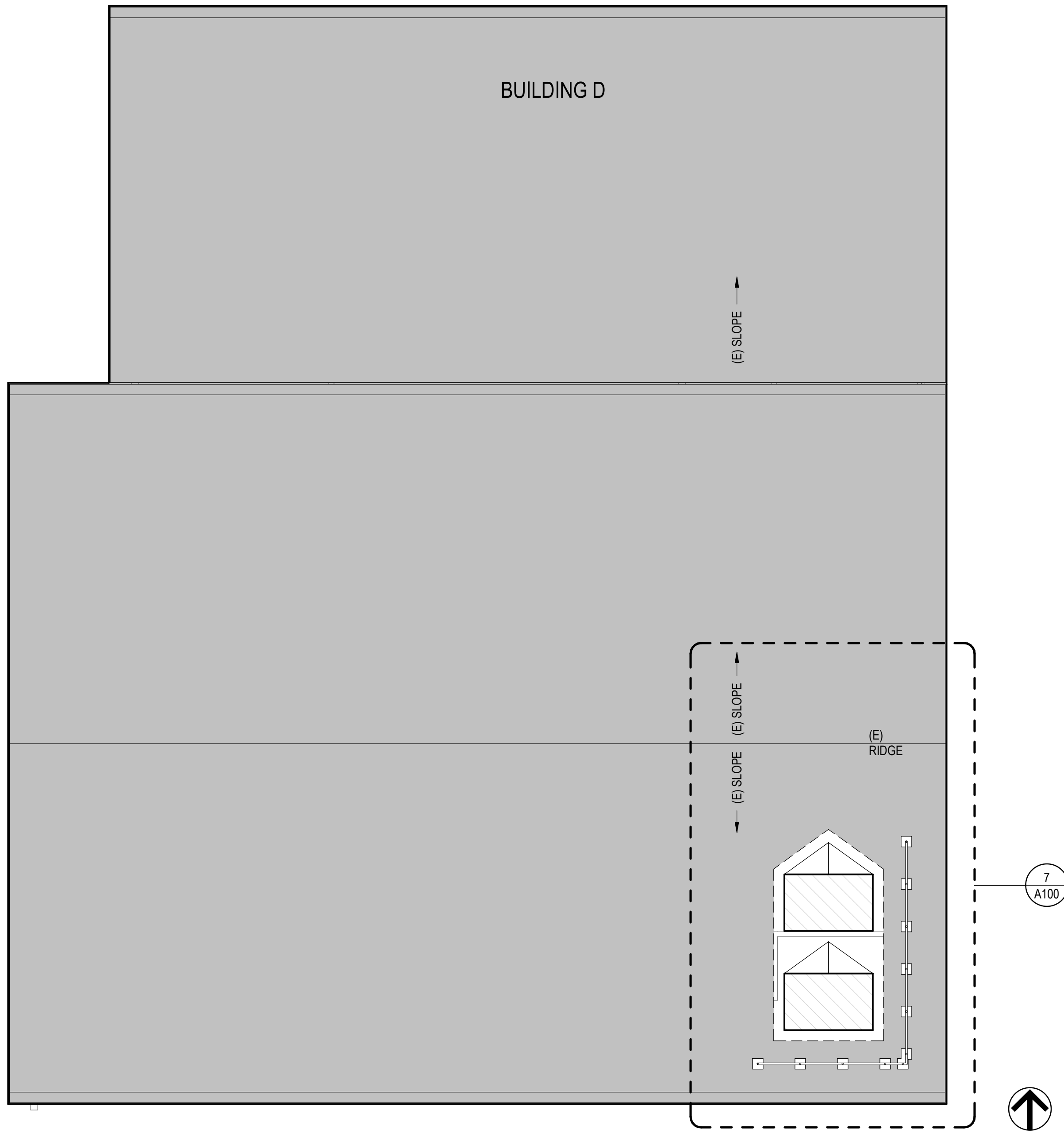
9 INTERIOR WALL PATCH DETAIL
SCALE: 3" = 1'-0"



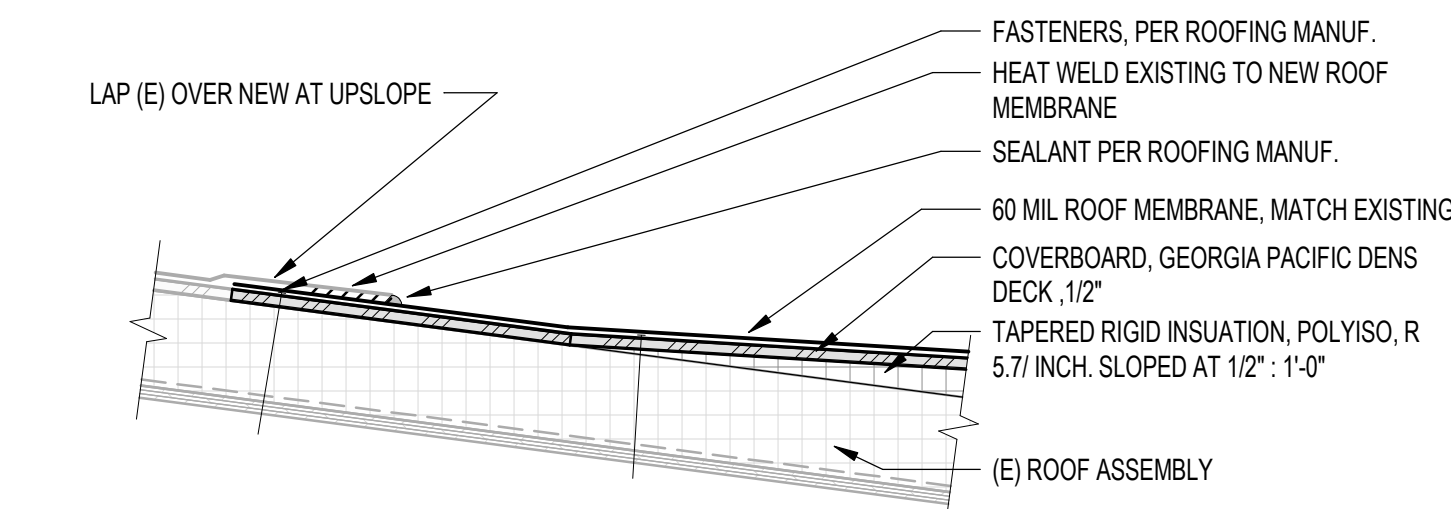
5 COLUMBIA HEIGHTS - ENLARGED PARTIAL REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



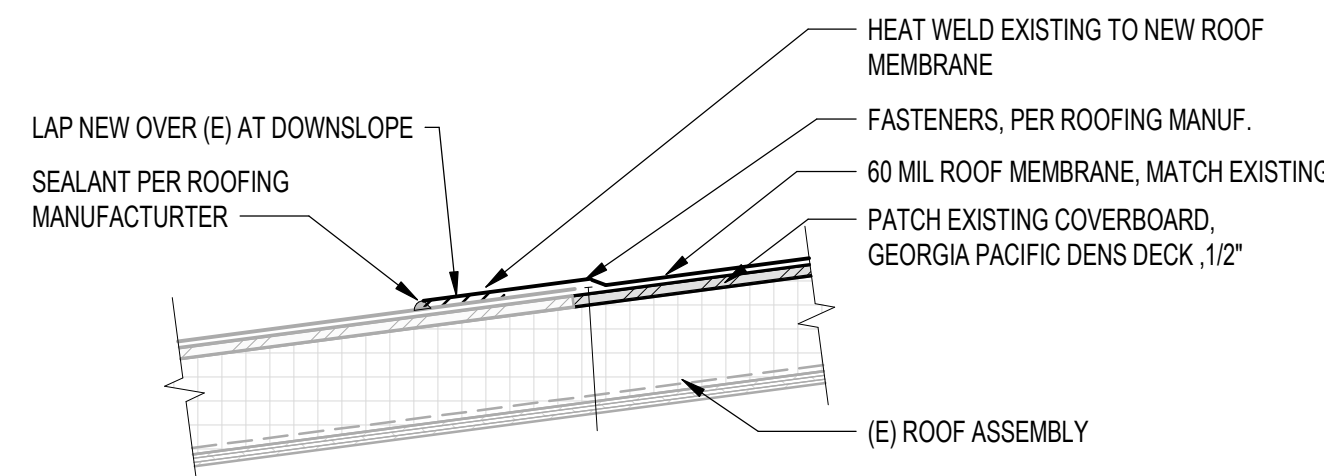
1 COLUMBIA HEIGHTS - ENLARGED PARTIAL FLOOR PLAN
SCALE: 1/4" = 1'-0"



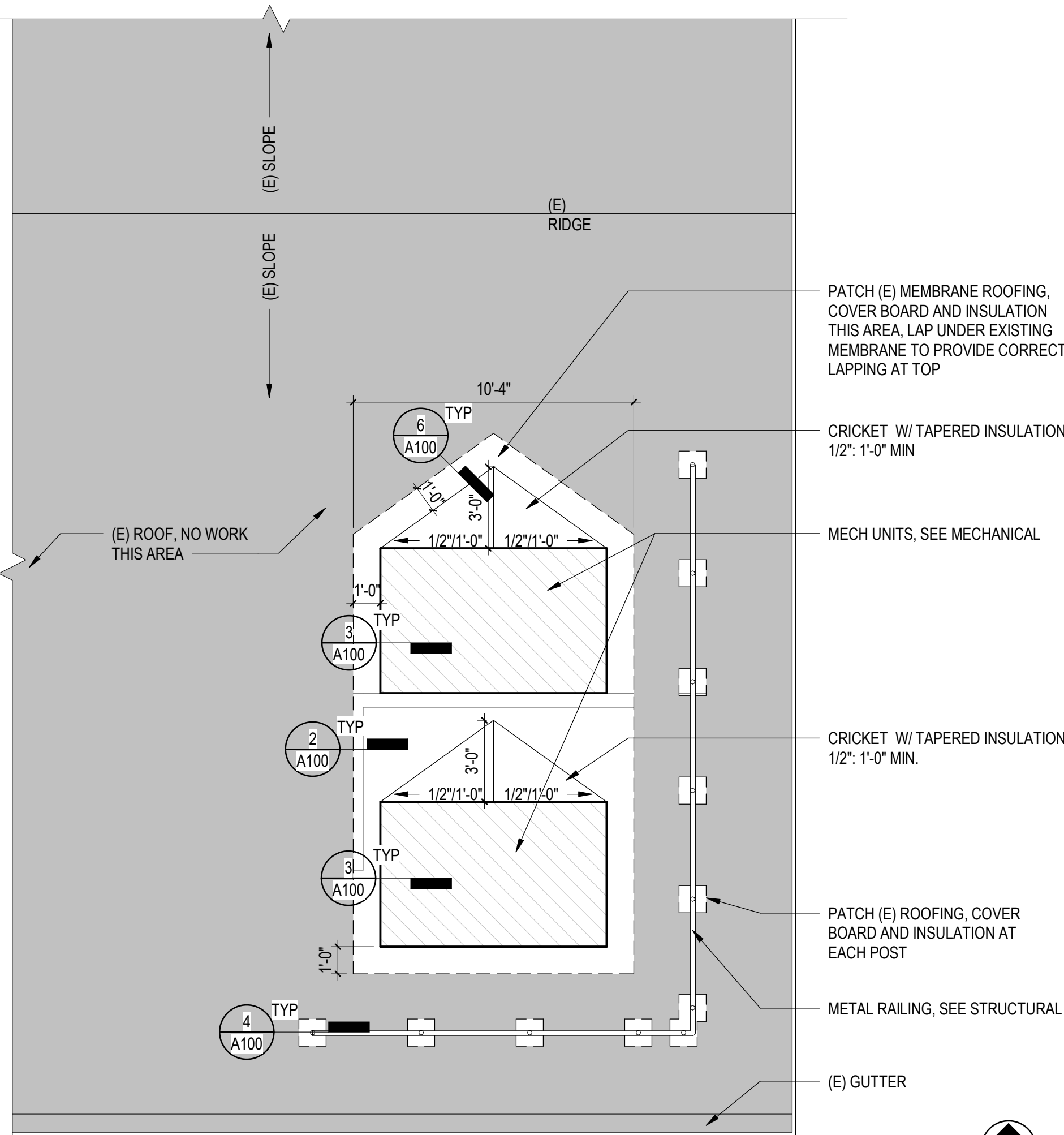
8 COLUMBIA HEIGHTS - BUILDING D - OVERALL ROOF PLAN
SCALE: 1/8" = 1'-0"



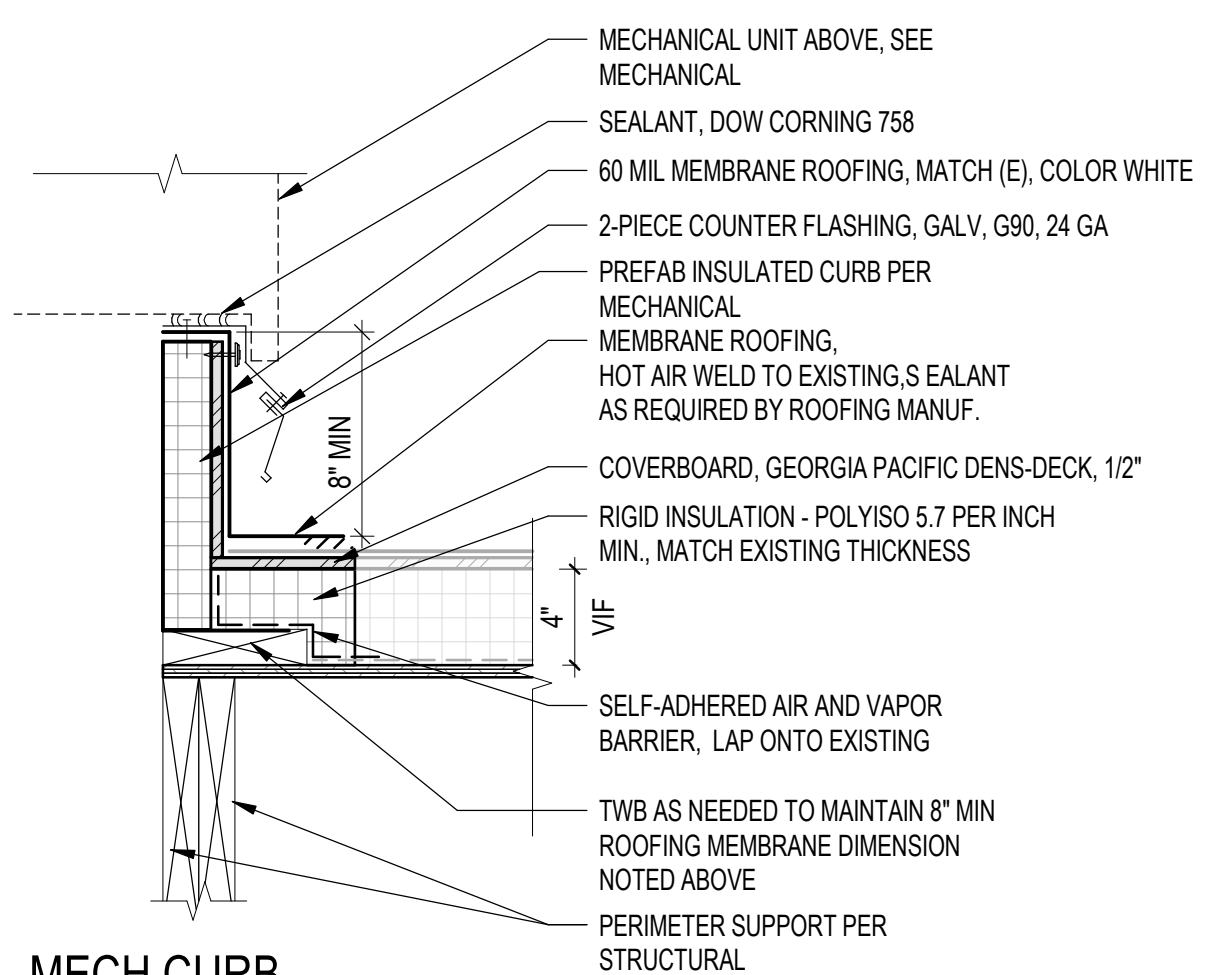
6 CRICKET DETAIL - UPSLOPE
SCALE: 1 1/2" = 1'-0"



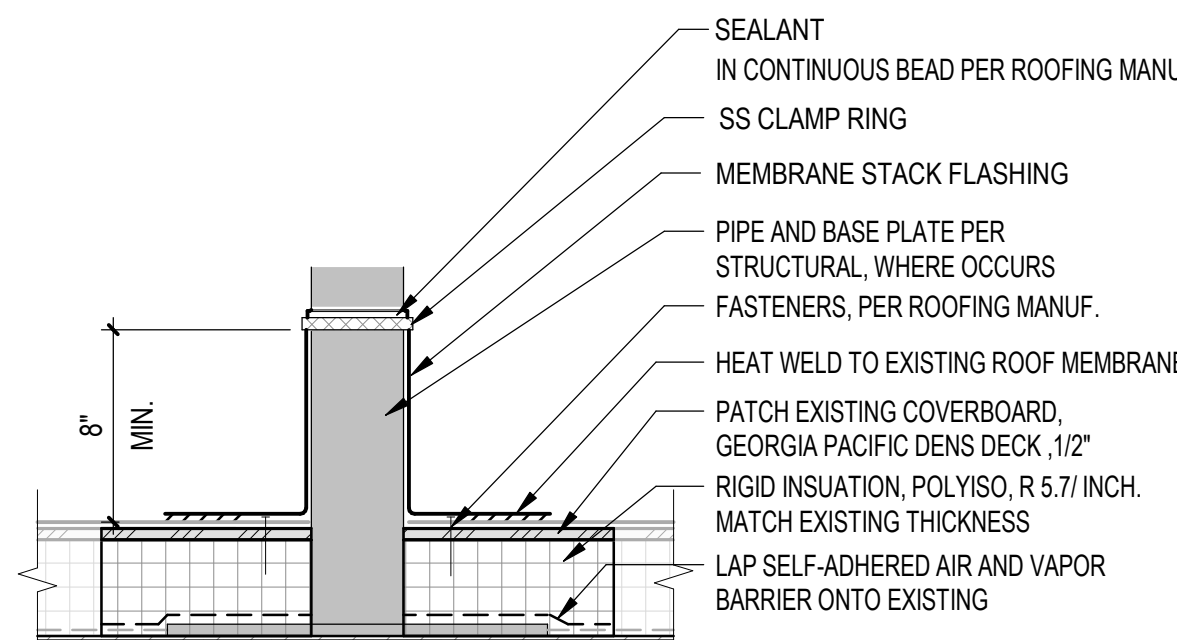
2 CRICKET DETAIL - DOWNSLOPE
SCALE: 1 1/2" = 1'-0"



7 COLUMBIA HEIGHTS - ENLARGED PARTIAL ROOF PLAN
SCALE: 1/4" = 1'-0"



3 MECH CURB
SCALE: 1 1/2" = 1'-0"



4 PIPE PENETRATION DETAIL
SCALE: 1 1/2" = 1'-0"

GENERAL PLAN NOTES

1. PAINT, PATCH AND REPAIR CEILING, FLOORS AND WALLS TO MATCH ADJACENT. ALIGN FINISHED ASSEMBLIES FOR SMOOTH TRANSITION BETWEEN NEW AND ADJACENT.
2. REFER TO MECHANICAL, STRUCTURAL AND ELECTRICAL DRAWINGS FOR FURTHER INFORMATION.
3. MAINTAIN 1/4" PER FOOT FOR ALL CRICKET VALLEYS.
4. IN ADDITION TO PENETRATIONS SHOWN ON ROOF PLAN, REFER TO MECHANICAL AND ELECTRICAL FOR ADDITIONAL LOCATIONS, TYPES, SIZES AND QUANTITIES, PROVIDE APPROPRIATE FLASHING REQUIRED.
5. PATCH ROOFING MEMBRANE PER MANUFACTURERS RECOMMENDATIONS. VERIFY COMPATIBILITY WITH EXISTING MEMBRANE.
6. PAINT TO BE SHERWIN WILLIAMS PROMAR 200, PROVIDE ONE COAT PRIMER AND TWO FINISH COATS. COLOR TO MATCH EXISTING ADJACENT SURFACE.
7. PRODUCTS AS NOTED IN THE DRAWINGS, OR APPROVED EQUAL.

LONGVIEW SCHOOL DISTRICT HVAC CHILLER REPLACEMENTS AND INDOOR AIR QUALITY IMPROVEMENTS

2715 LILAC STREET
LONGVIEW, WA 98632

Date:	11/14/22	
Job No.:	22220.00	
Drawn By:	EP	
Checked by:	SW	
Revisions		
#	Date	Description
1	11.22.2022	ADDENDUM 01

COLUMBIA HEIGHTS PLAN

A100

integrus
ARCHITECTURE

117 SOUTH MAIN STREET, SUITE 105, SEATTLE, WA 98104
TELEPHONE: (206) 222-3137 FAX: (206) 222-3138

DEMOLITION LEGEND



ASSEMBLY TO BE DEMOLISHED.



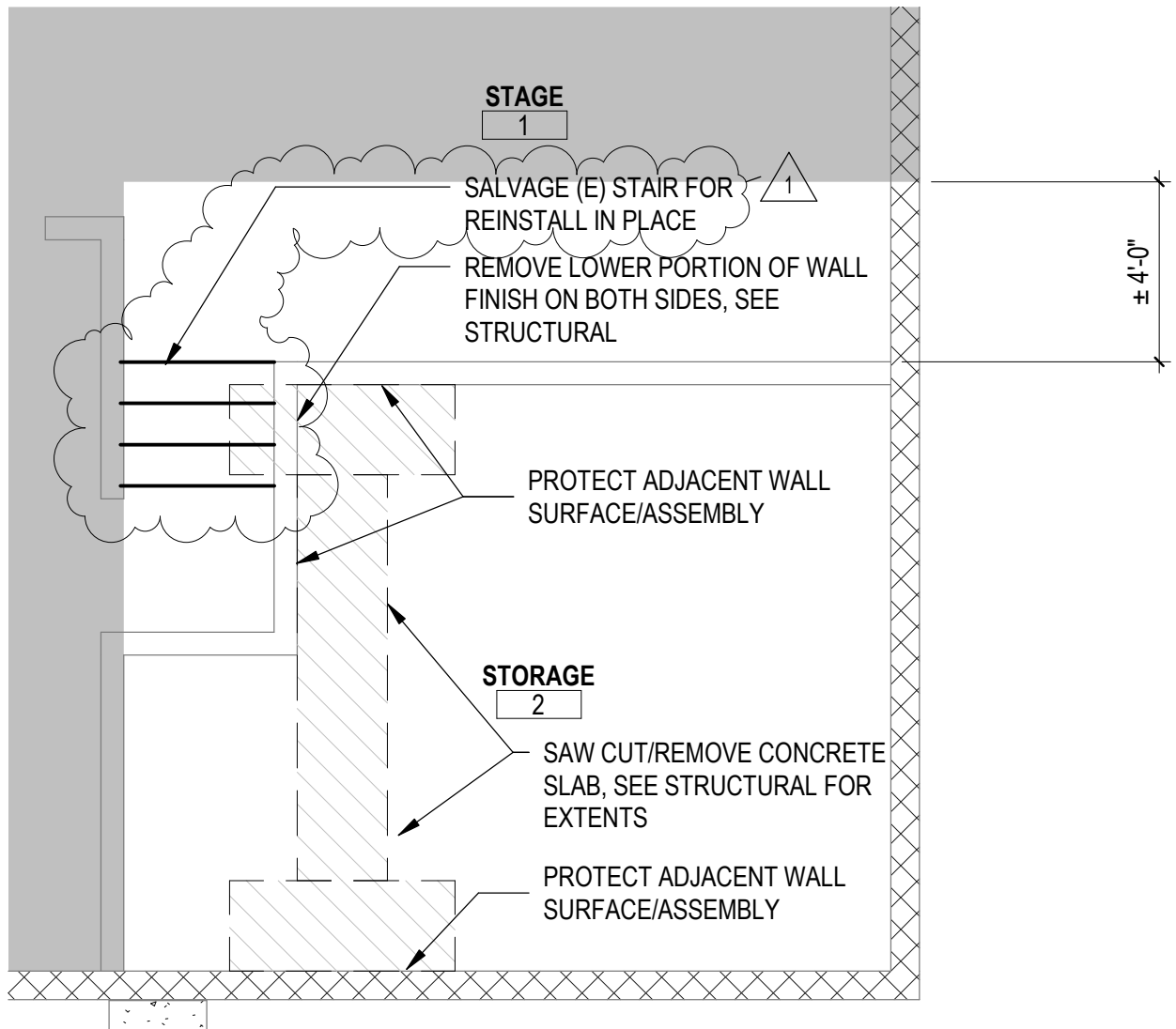
EXISTING ASSEMBLY TO REMAIN.



CONCRETE FLOOR SLAB TO BE REMOVED IN ITS ENTIRETY.
SAW CUT EDGES.



AREA OF WORK TO BE LIMITED OR NONE.



1

LEVEL 1 - COLUMBIA HEIGHTS ENLARGED DEMO PLAN

SCALE: 1/4" = 1'-0"

integrus
ARCHITECTURE

117 S.Main Street, Suite 100 Seattle, WA. 98104
(206) 628 - 3137 Fax: (206) 628-3138

**LONGVIEW SCHOOL DISTRICT
HVAC CHILLER REPLACEMENT AND INDOOR AIR
QUALITY IMPROVEMENTS**

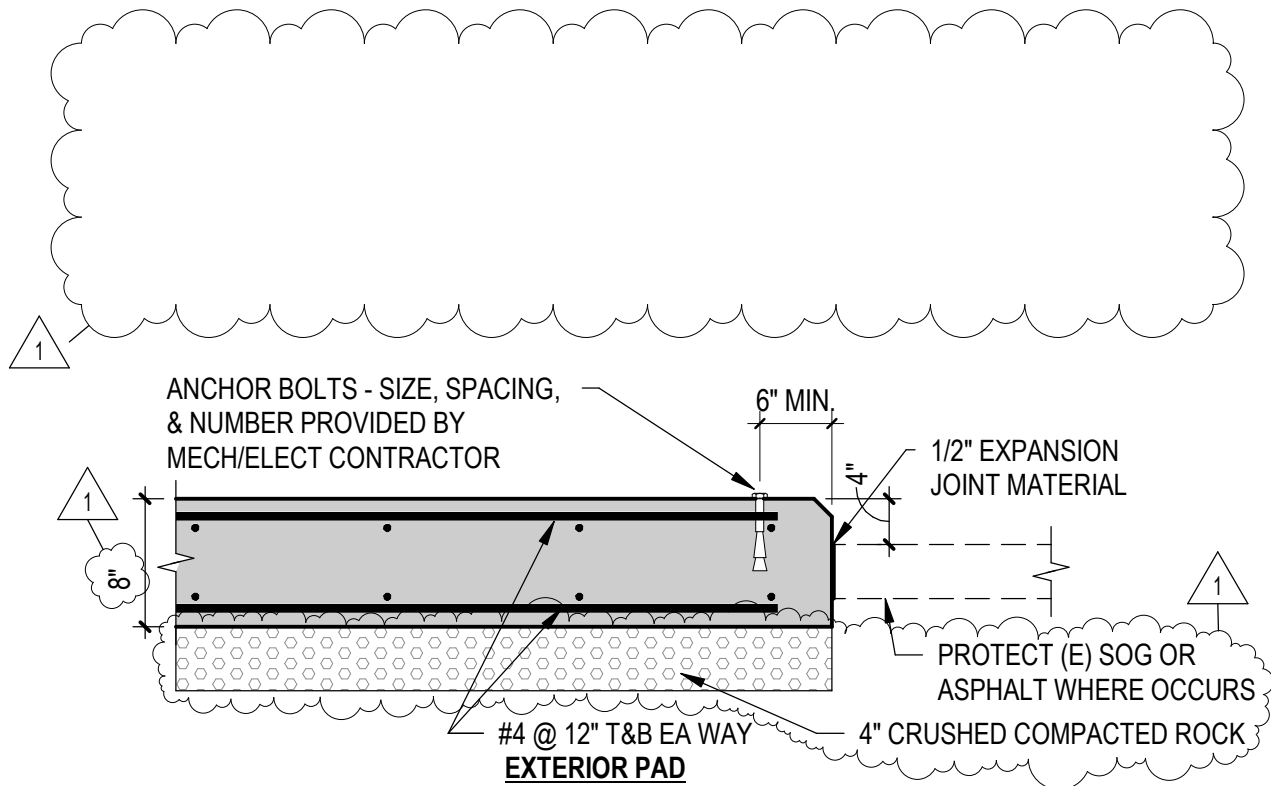
2715 LILAC STREET
LONGVIEW, WA 98632

Addendum Drawing

REF. SHEET

AD001

DWG. #: **ADA-002**
JOB #: 22200
DRAWN BY: EP
DATE: 11/28/22
REF. DOC.: ADDENDUM 01



NOTES:

1. SIZE OF PAD TO BE PROVIDED BY EQUIP MFR SEE MECH/ELECT DWGS FOR PAD LOCATIONS.
2. THIS DETAIL APPLIES TO THE NORTH LAKE ES AND CASCADE MS CHILLER REPLACEMENT

13

CHILLER REPLACEMENT DETAIL

SCALE: 1" = 1'-0"

REF. SHEET

S1-3

integrus
ARCHITECTURE

117 S.Main Street, Suite 100 Seattle, WA. 98104
(206) 628 - 3137 Fax: (206) 628-3138

**LONGVIEW SCHOOL DISTRICT
HVAC CHILLER REPLACEMENT AND INDOOR AIR
QUALITY IMPROVEMENTS**

2715 LILAC STREET
LONGVIEW, WA 98632

Addendum Drawing

DWG. #: **ADS-001**
JOB #: 22220.00
DRAWN BY: AM
DATE: 11/28/22
REF. DOC.: ADDENDUM 01