

**Addendum No. 1**  
**August 24, 2022**

Project name: Health Sciences Surgical Simulation Suite Renovation  
University of South Dakota  
Sanford School of Medicine  
OSE #R0622—05X  
Architecture Incorporated Project #:0217.2984.22

Architect: Architecture Incorporated

Letting: Date: Tuesday, August 30, 2022  
Time: 3:30 p.m. CT  
Office of the State Engineer, Joe Foss Building, in Pierre, SD.

Scope of this Addendum:

To all bidders and all others to whom drawings and specifications have been issued by Architecture Incorporated, this Addendum forms a part of the Contract Documents. Acknowledge receipt of this addendum by listing its number and date in the bidder's Form of Proposal. Failure to do so may subject bidder to disqualification. This addendum modifies the drawings and specifications as follows:

**GENERAL ITEMS:**

1) PREBID CONFERENCE

- a) Minutes from the Prebid Conference held August 23, 2022, are attached to this addendum.

2) SPECIFICATION SECTION – 123216

- a) Section 2.5.I: Add the following item to the casework accessories:
  - i) Trash Grommet
    - (1) Basis of Design: Doug Mockett
    - (2) Material: Stainless Steel
    - (3) Size 8” Diameter x 2” Deep
    - (4) Product Number: TM2B
    - (5) Location: At trash cabinets as shown on plans and elevations.

3) DRAWING 6.10 – REFLECTED CEILING PLAN

- a) Reference attached revised Reflected Ceiling Plan
  - i) Mechanical and Electrical devices are shown. Reference mechanical and electrical drawings for additional information.
  - ii) Ceiling type and ceiling height for ICU SIM L07G is provided.

4) DRAWING 7.10 – CASEWORK SECTIONS

- a) Detail 3/1.10 – Tall Storage – High Shelf
  - i) Omit note for Kaba punch lock. Kaba punch locks were eliminated from the project.

## MECHANICAL ITEMS:

### 5) MECHANICAL SPECIFICATION ITEMS

The medical gas zone valve and area alarm shall be replaced by an Alarm Valve Combo unit. See below for specification:

The Alarm Valve Combo Unit shall be an Amico Alert-1 Series.

Each AVC shall consist of the following components: An 18 Gauge steel valve box complete with a baked white enamel finish which can house one shutoff ball valve with tube extensions, gas specific sensor (DISS nut and nipple connection), and a hinged gas specific compact alarm with illuminated LED digital display. It also includes an error message for an incorrect connection, an aluminum frame and a pull-out removable window.

Affixed to the opposing sides of the box will be two adjustable steel brackets for the purpose of mounting the box to the structural support. The steel brackets shall accommodate various finished wall thicknesses between 3/8" [9.5 mm] and 1-3/16" [30 mm] and shall be field adjustable. The frame assembly shall be constructed of anodized aluminum and shall be mounted to the back box assembly by standard #6 x 3/8" tapping screws as provided.

The digital alarm shall read from 0-250 psi [0-1,724 kPa] for pressure and 0-30"Hg [-100-0 HgkPa] for vacuum. The digital read-out shall provide a constant indication of each service being measured. It will indicate a green "NORMAL" and a red "HIGH" or "LOW" alarm condition. If an alarm occurs, the "RED" alarm light shall flash and the audible alarm (which exceeds 90 decibels) will sound. Pushing the "ALARM MUTE" button will cancel the audible alarm, but the unit will remain in the alarm condition until the problem is rectified. When alarm is enabled on the compact alarm module, the repeat alarm function shall be capable of turning on the buzzer again (after a present time) if the fault condition has not been rectified.

Each alarm module shall be individually microprocessor based and be field adjustable. The default set point on this alarm shall be +/- 20% variation from the normal range. In the calibration mode the following parameters shall be adjustable: High/Low set-points, Imperial/Metric units, Repeat alarm Enable/Disable (adjustable from 1 to 60 minutes), psi and kPa or Bar readout (switch selected). Set points shall be adjustable by two on-board push buttons.

Access to the shut-off valves shall be by merely pulling the ring assembly to remove the window from the frame. The window can be reinstalled without the use of tools only after the valve handles have been returned to the open position. The window shall be marked to prohibit unauthorized persons from tampering with the valves with the following caution:

"Medical Gas Control Valves with Alarms"  
"Close Valves Only in Emergency"

The valve shall be of a 3 piece ball-type design with a brass forging body and a chrome-plated brass ball for sizes 1/2" to 3" [1.3 cm to 7.6 cm]. Ball seats, stem seals and stem washer shall be Reinforced Teflon (PTFE) with Viton stem and flange O-rings. A blow-out proof stem shall be used and the valve shall have a maximum pressure rating of 600 psi [4,137 kPa].

Valves shall be operated by a lever-type handle requiring only a quarter turn from a fully open position to a fully closed position. All valves shall be equipped with type "K" washed and degreased copper pipe stub. Each valve will be identified for gas specification as indicated on the hinged alarm label.

Input power to the Amico Alarm Valve Combo Unit is: 115 VAC to 220 VAC, 50 to 60 HZ.

Amico products comply with NFPA 99 and CSA Z7396.1.

MECHANICAL DRAWING ITEMS:

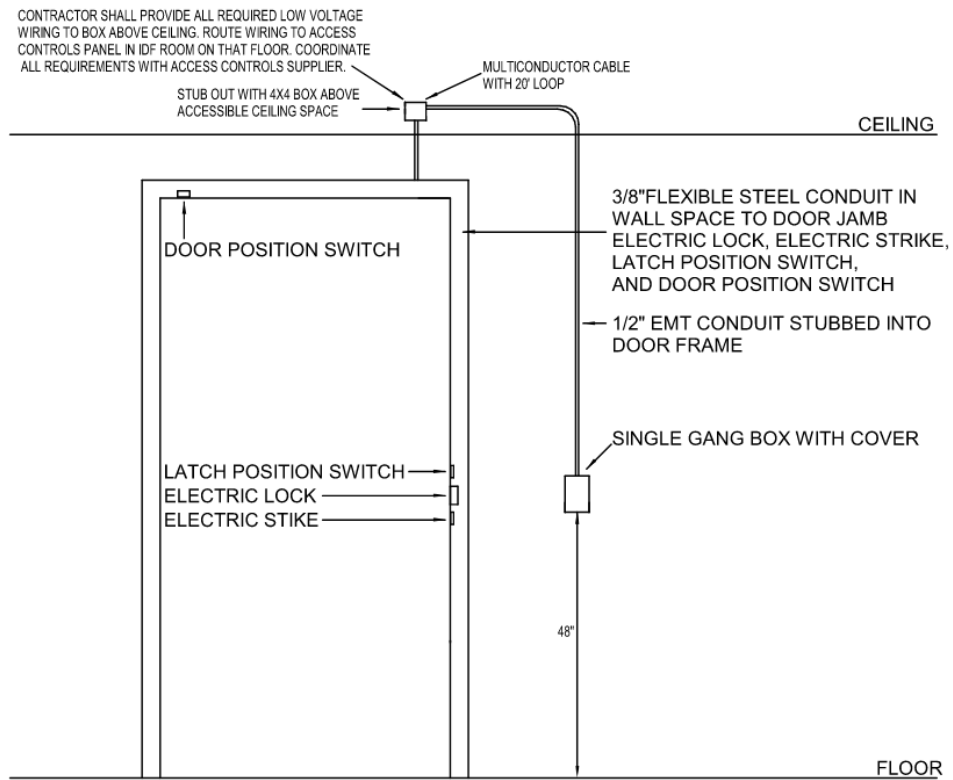
6) DRAWING SHEET 8.31 – LOWER LEVEL FLOOR PLAN – PLUMBING & HEATING

- a) Plumbing & Heating Note 4 shall read as follows: “1/2” O DN TO ALARM VALVE COMBO UNIT.”

ELECTRICAL ITEMS:

ELECTRICAL DRAWINGS:

- 7) Add the detail below for the card access system installations. Coordinate exact requirements with Owner/card access system component supplier during install.



**DOOR CARD ACCESS CONTROL DETAIL**

NOT TO SCALE

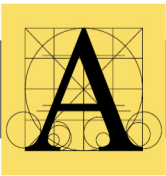
- 8) Provide 120V electrical connections to the zone valve box. See mechanical drawings/specs for additional info.

GENERAL APPROVALS:

The following material or equipment furnished by the manufacturers listed, may be substituted as equivalent providing that each item, material, and piece of equipment conforms to the design and requirement of the specifications.

<u>SECTION</u>	<u>ITEM</u>	<u>MANUFACTURER</u>
230800	Registers, Grilles & Diffusers	Greenheck
230800	VAV/Reheat Terminals	Greenheck
265110	Interior Lighting	
	Type A	Daybrite
	Type D	Daybrite

END OF ADDENDUM



**Health Sciences Surgical Simulation Suite Renovation**

**University of South Dakota Sanford School of Medicine – Sioux Falls, SD**

**Pre-Bid Meeting**

OSE Project No.: R0622—05X

Architect's Project No.: 2984

Date: 8/23/2022

**Present:**

Nathan Reichert, Lloyd Companies

Eric Bommersbach, Lloyd Companies

Doug Wenck, Lloyd Companies

Dave Kleis, Cal-Tex Electric

Brice Gilley, 605 Companies

Josh Sherman, Mavo Concrete Sawing

James Criller, Mavo Concrete Sawing

Dustin Schaten, Patriot Construction

Jack Gafigen, APX Construction Group

Lowell Cook, Lowell Cook Construction, Inc

Troy Swift, Dakota Electric Inc.

Jason Prouty, Tessiers Inc.

Paul Hanisch, Tessiers Inc.

Troy Stanga, Stanga Construction

Eric Blegen, Fox Drywall

Jeremy Aylward, USD

Jana Richardson, USD

Brian Muehlbeier, USD

Sara Norstrom, OSE

Andrew Eitreim, Architecture Incorporated

Tom deWit, ACEI

The purpose of this meeting was to review the scope of work, delivery of bids, schedule, bidder's checklist, and respond to questions.

**1. Introductions**

- a. Sara Norstrom is the OSE representative for the project.
- b. Brian Muehlbeier is the USD Facilities representatives.
- c. Jeremy Aylward and Jana Richardson represent USD Health Sciences.
- d. Andrew Eitreim is the Architect.
- e. Nikki Stokes is the Interior Designer.
- f. Tom deWit is the Mechanical Engineer.
- g. Michael Wallace is the Electrical Engineer.

**2. Scope of Work**

- a. The architect reviewed the scope of work which is limited to the Lower Level of the USD Sanford School of Medicine Building.

- b. The project includes demolition of existing construction and construction of new nursing simulations rooms and a surgical simulation room. This includes construction of partitions, interior finishes, casework, and related mechanical and electrical work.
- c. The Architect made a note that there will be salvaging and reinstalling of existing materials and finishes as noted in the drawings.
- d. The building will be occupied during the construction and the contractors will be required to coordinate work / schedules with occupants. This includes coordination of disruptive work like the saw cutting and removal of existing concrete floor slab.
- e. Work hours are listed as 7:00 AM – 7:00 PM, Monday through Friday. Contractor to coordinate requests for adjustment of work hours with the Owner.
  - i. The general contractor is required to have someone on site at all times that work is being performed.

### 3. Site Access

- a. There are not currently plans to accommodate a contractor's trailer on site or near the project.
- b. No parking allowed in the Sanford Health parking lot.
- c. Contractors can utilize the stairs or elevator to access the lower level.
- d. USD will help coordinate the location of a dumpster.
- e. Storage / staging for the project will be limited to the area within the project boundary shown on the documents.

### 4. Delivery of Bids

- a. Bids will be submitted through the electronic bidding platform. If the contractors have any questions about the electronic bidding platform, contact Sara Norstrom.

### 5. Project Schedule

- a. Bid Date: August 30, 2022 @ 3:30 PM (electronic bidding platform)
- b. Construction to commence on or about October 1, 2022.
- c. Substantial completion: January 6, 2023. Liquidated Damages - \$250 per calendar day.
- d. Final Completion: January 20, 2023. Liquidated Damages - \$250 per calendar day.

### 6. Addenda

- a. None out currently.
- b. Addendum #1 planned for 8/24/22.
- c. Final Addendum #2 planned for 8/26/22.

- d. If the Contractors have any questions, contact the Architect as soon as possible, as well as proposed substitutions for review.

7. Other Comments

- a. This project will be under construction at the same time as the restroom renovation project within the building.
  - i. Elevators are currently protected by that contractor. Project is due to be complete in December 2022.
  - ii. Successful contractor will be expected to coordinate with the existing contractor as necessary.

8. Questions raised by attendees – *responses in italics.*

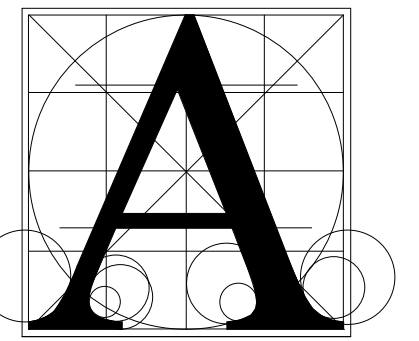
- a. Can contractors use the restrooms within the building? *Yes, contractors will be allowed to use the lower level restrooms during construction. They will be expected to keep them clean.*
- b. How are we to handle long-lead items and the completion of the project? *Contractors will be expected to expedite the shop drawings and submittals for items that are anticipated to be long-lead items. If there are specific items that will cause delay the Owner needs to be notified as soon as the potential for the delay is known. Contractors will be expected to provide back-up documentation for the delayed material.*
- c. What is the height to the underside of the existing floor above? *The underside of the existing floor structure is approximately 13'-6" above the floor of the lower level.*
- d. What is the estimated value of the owner provided materials? *A estimated amount will be issued in an upcoming addendum.*

Respectfully submitted,

Andrew Eitreim

cc. Sara Norstrom, OSE  
Brian Muehlbeier, USD  
Attendees

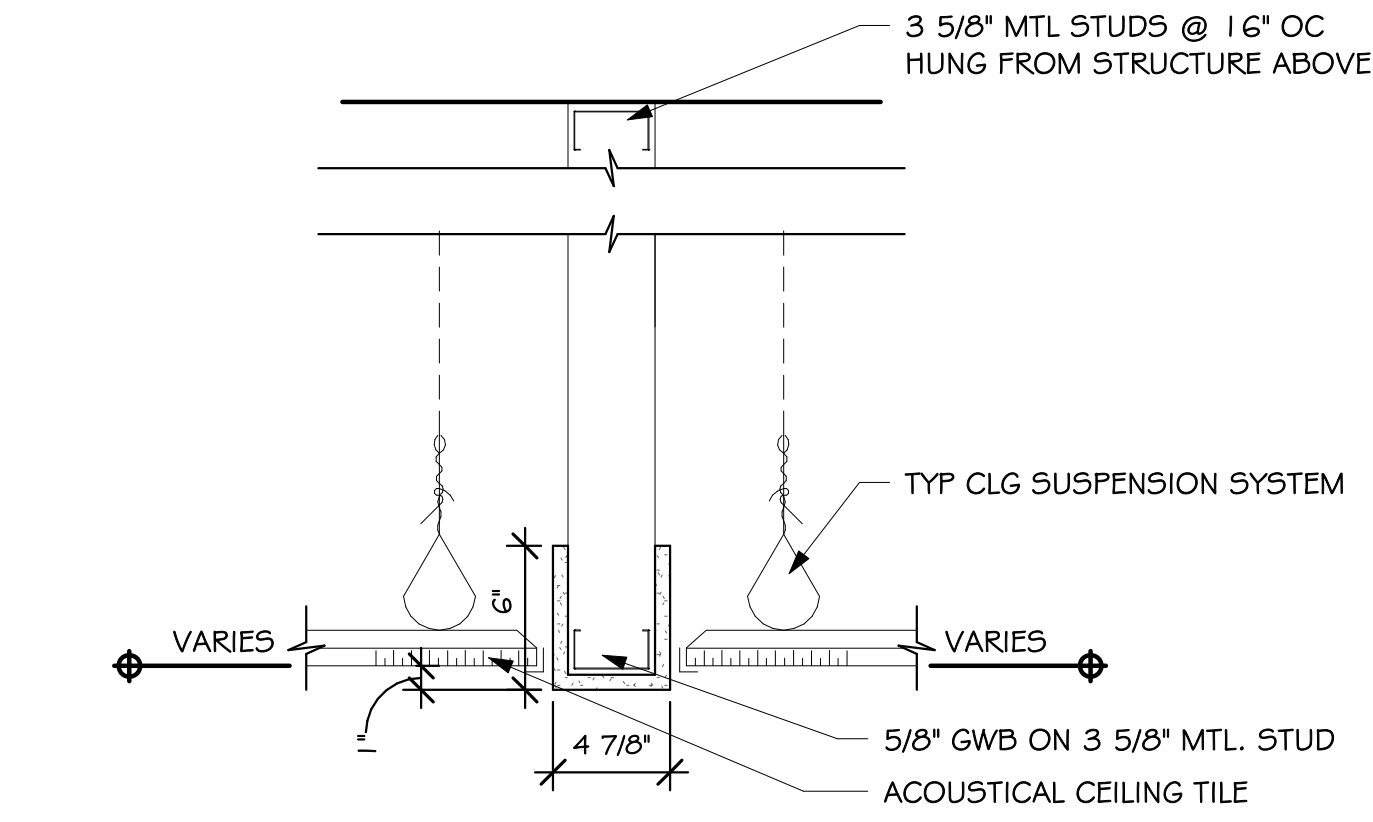
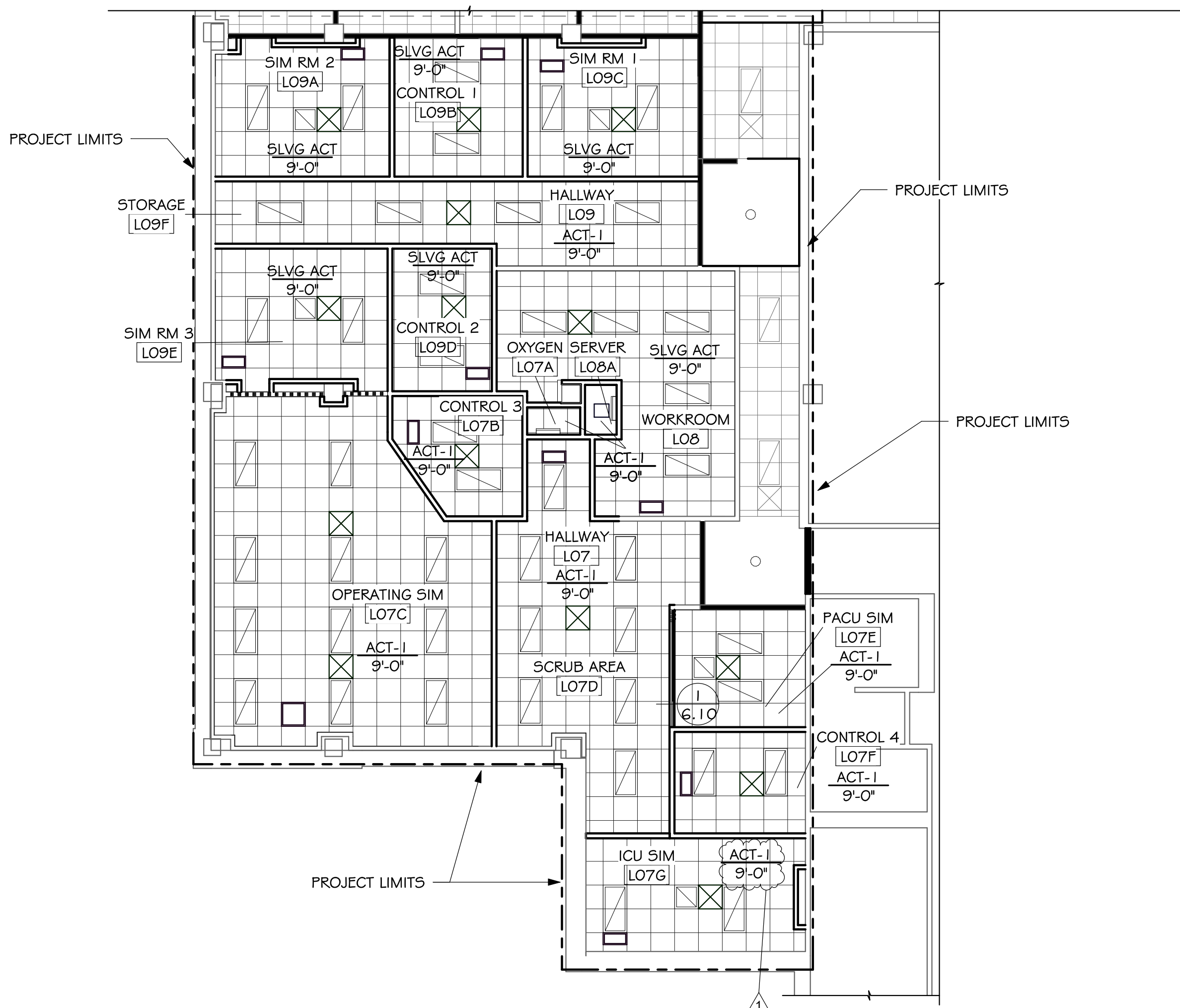
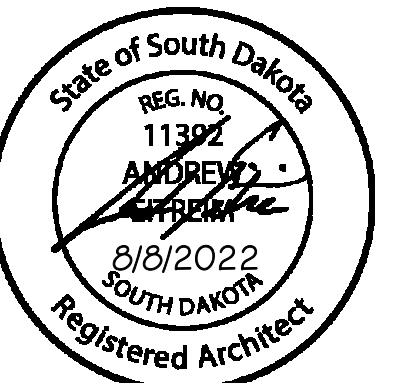
GENERAL NOTES - REFLECTED CEILING PLAN			
A. GENERAL CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS AT THE JOB SITE AND NOTIFY ARCHITECT OF DISCREPANCIES.			
B. ALL CEILINGS TO BE 9'-0" A.F.F. UNLESS NOTED OTHERWISE.			
REFLECTED CEILING PLAN LEGEND			
	RECESSED LIGHT		RADIANT HEATING PANEL
	SURFACE LIGHT		WALL EXTENDED & SEALED TO STRUCTURE ABOVE TO PREVENT AIR/SOUND TRANSFER FROM ROOM TO ROOM
	SURFACE LIGHT		WALL TO ABOVE CEILING
	RECESSED LIGHT		EXTEND/SEAL EXISTING WALL CONSTRUCTION TO THE STRUCTURE/SLAB ABOVE WITH SOUND BATT & GYP BD BOTH SIDES (EXCEPT L1 4A - GYP ONLY L1 4A SIDE).
	SUPPLY GRILLE		SPEAKER
	RETURN/ EXHAUST GRILLE		



**Architecture Incorporated**

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P.O. Box 2140  
Sioux Falls, South Dakota  
Phone: (605) 339-1711

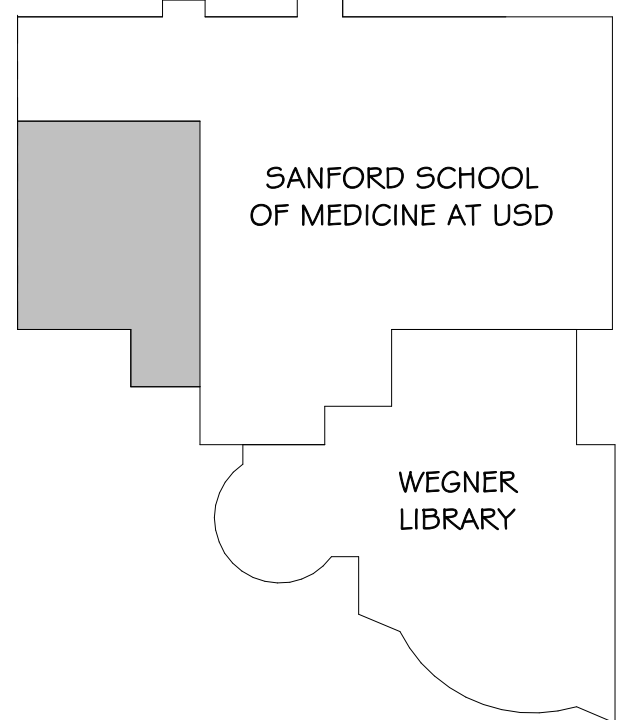
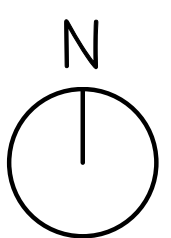
815 St Joseph Street, Suite 203  
P.O. Box 8047  
Rapid City, South Dakota  
Phone: (605) 721-1158



**GYP BD BULKHEAD DETAIL**  
SCALE: 1/2" = 1'-0"

**REFLECTED CEILING PLAN - LOWER LEVEL**

SCALE: 1/8" = 1'-0"



KEYPLAN

**HEALTH SCIENCES SURGICAL SIMULATION SUITE RENOVATION**  
REFLECTED CEILING PLAN

number	0217.2984.22	
date	AUGUST 8, 2022	
revision		
drawn	HRS	
checked	MAA	
NO.	DATE	DESCRIPTION
1	8/24/2022	ADDENDUM #1

**6.10**



**GENERAL NOTES - MILLWORK**

A. GENERAL CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS AT THE JOB SITE AND NOTIFY ARCHITECT OF DISCREPANCIES.  
 B. PROVIDE FINISHED END PANELS AT ALL EXPOSED MILLWORK SURFACES.  
 C. PROVIDE SCHEDULED BASE AT BASE CABINETS UNLESS NOTED OTHERWISE. REFER TO ROOM FINISH SCHEDULE FOR SCHEDULED BASE MATERIAL.  
 D. PROVIDE 1 INCH THICK PARTICLE BOARD CORE SHELVES AT ALL CABINETS OVER 30 INCHES WIDE.  
 E. TALL CABINETS OVER 36 INCHES WIDE SHALL HAVE A VERTICAL DIVIDER FULL HEIGHT UNLESS NOTED OTHERWISE.  
 F. PROVIDE CHAIN STOPS AT END CABINET DOORS.  
 G. MILLWORK SUPPLIER SHALL PROVIDE FILLER PANELS AND SCRIBE STRIPS WHERE NEEDED FOR COMPLETE INSTALLATION.  
 H. PROVIDE GROMMETS AT ALL KNEE SPACES UNLESS NOTED OTHERWISE. COORDINATE LOCATIONS WITH THE OWNER.  
 I. COORDINATE DEVICE PENETRATIONS IN CABINETS AND COUNTERTOPS WITH MECHANICAL AND ELECTRICAL SUBCONTRACTORS.  
 J. COUNTERTOP EDGES: 3MM EDGEBANDING IN CONTROL ROOMS. 1.80 DEGREE WRAP IN ALL OTHER LOCATIONS.  
 K. INTEGRAL BACKSPLASH AT ALL WET COUNTERTOPS. SIDESPLASH AT TALL STORAGE OR ADJOINING WALL ADJACENT TO SINK.

**GENERAL COUNTERTOP EDGE AND BACKSPLASH DETAILS**

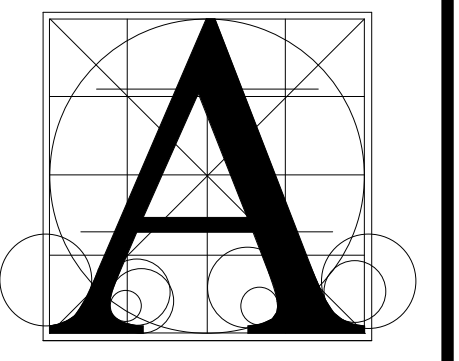
COUNTERTOP EDGE: PLASTIC LAMINATE - 1.80 FULL WRAP - USE AT ALL LOCATIONS EXCEPT CONTROL ROOMS.

COUNTERTOP EDGE: PLAM COUNTERTOP W/ EDGEBANDING - CONTROL ROOMS ONLY

BACKSPLASH EDGE: 4" INTEGRAL BACKSPLASH

COUNTERTOP EDGE: HIGH PRESSURE LAMINATE  
 3mm EDGE  
 BALANCING SHEET  
 1.125" THICK PARTICLE BOARD CORE

BACKSPLASH EDGE: INTEGRAL COVE 4" BACK SPLASH  
 1/4" COVE  
 PLASTIC LAMINATE MATERIAL - SEE ELEVATIONS FOR BACKSPLASH LOCATIONS



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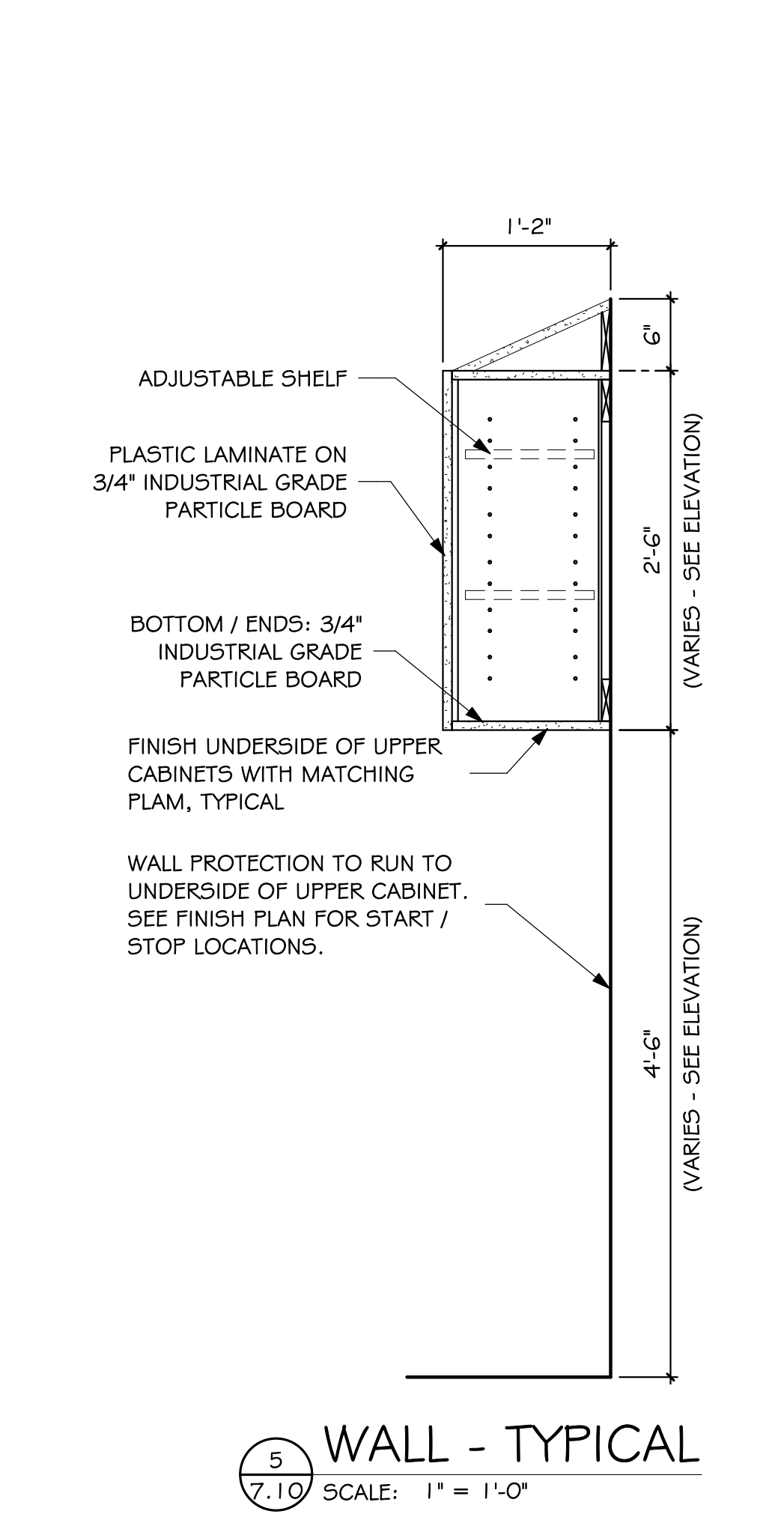
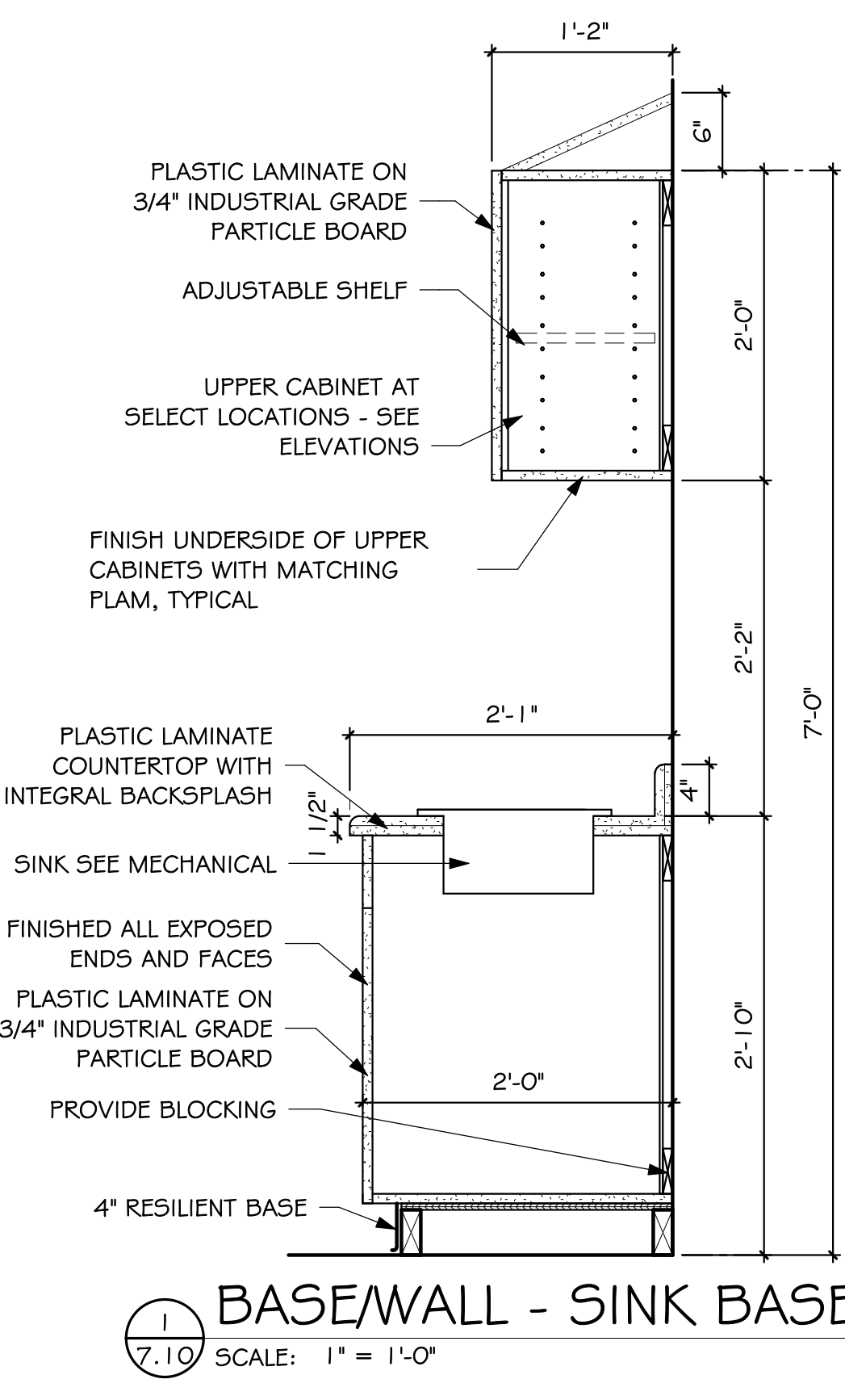
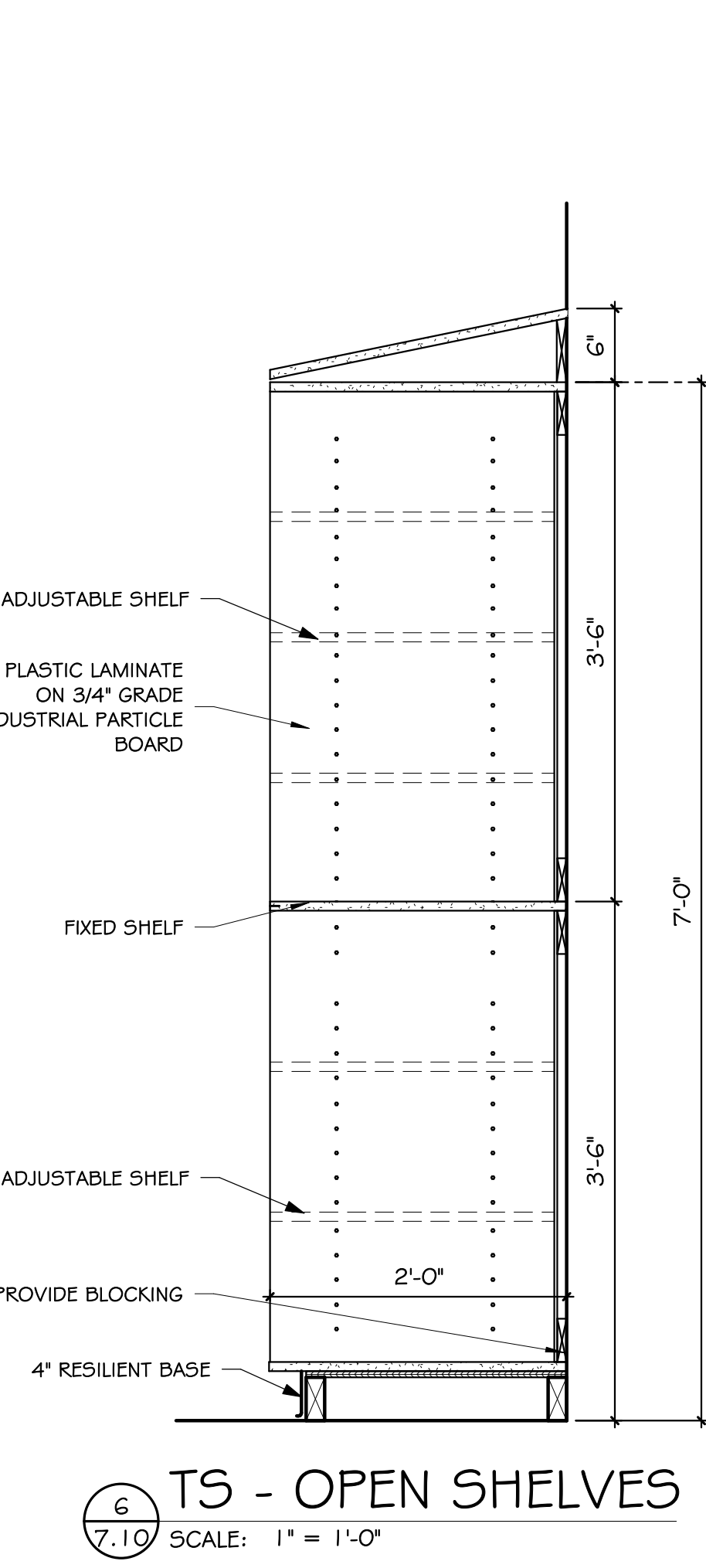
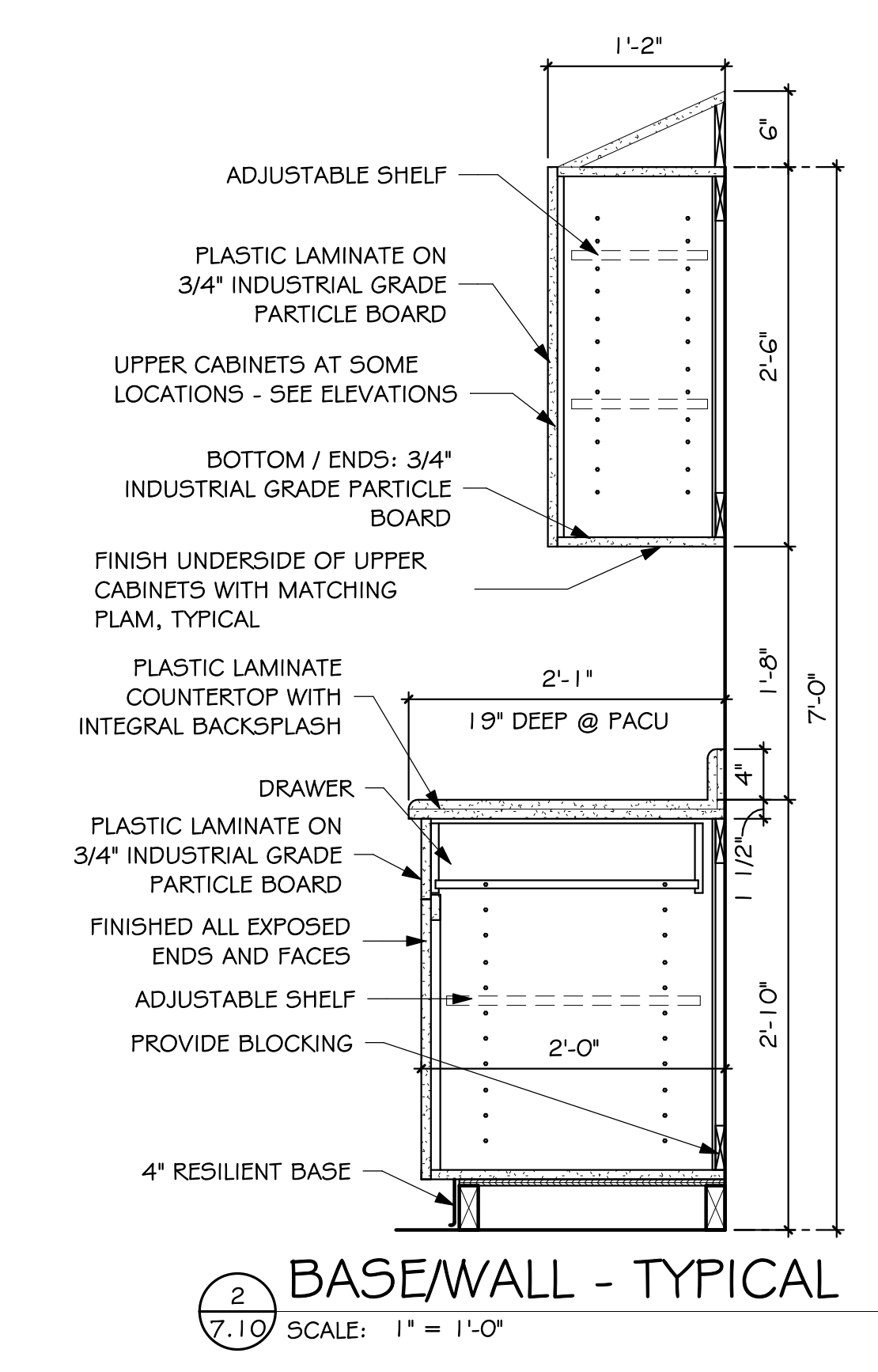
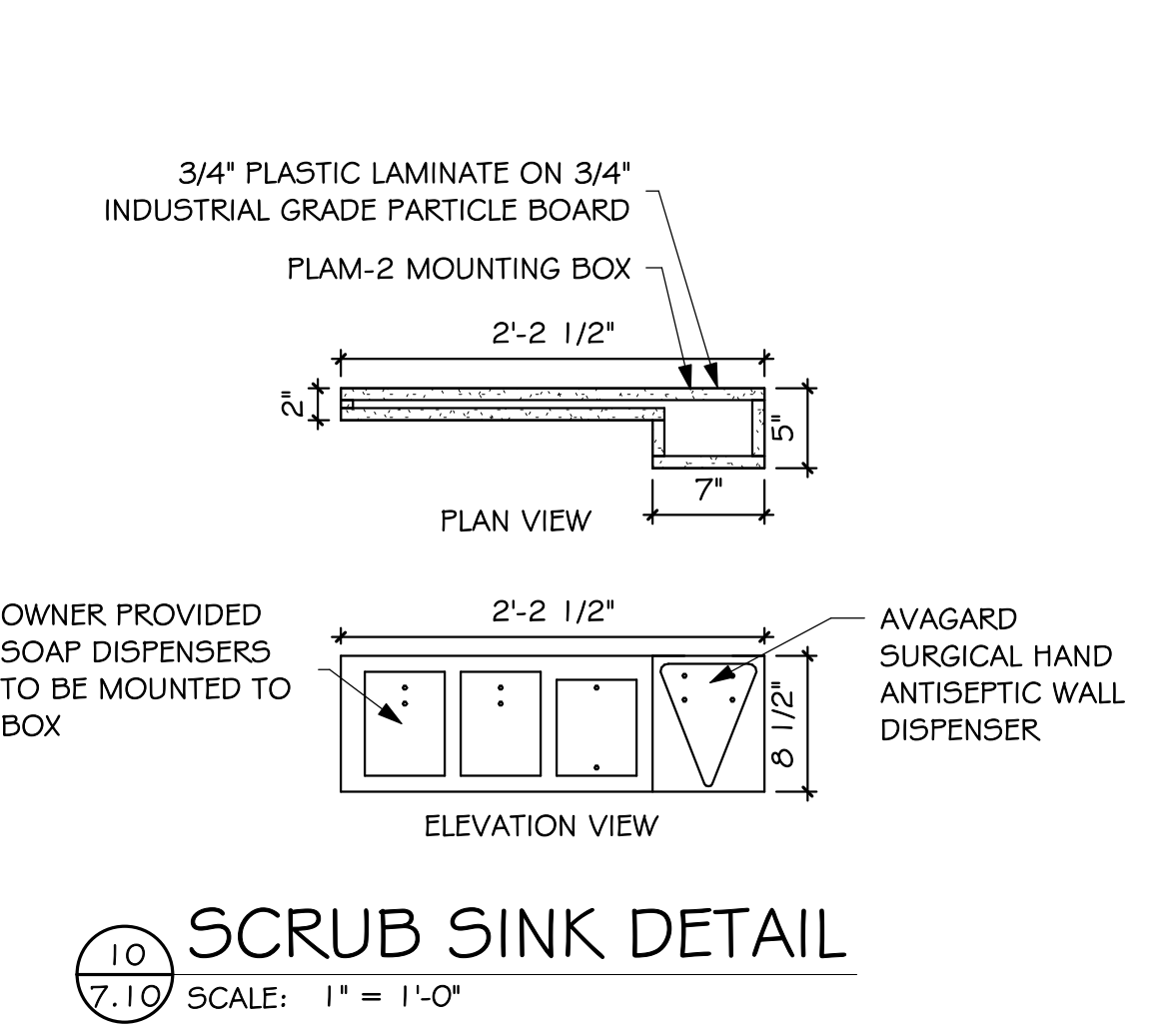
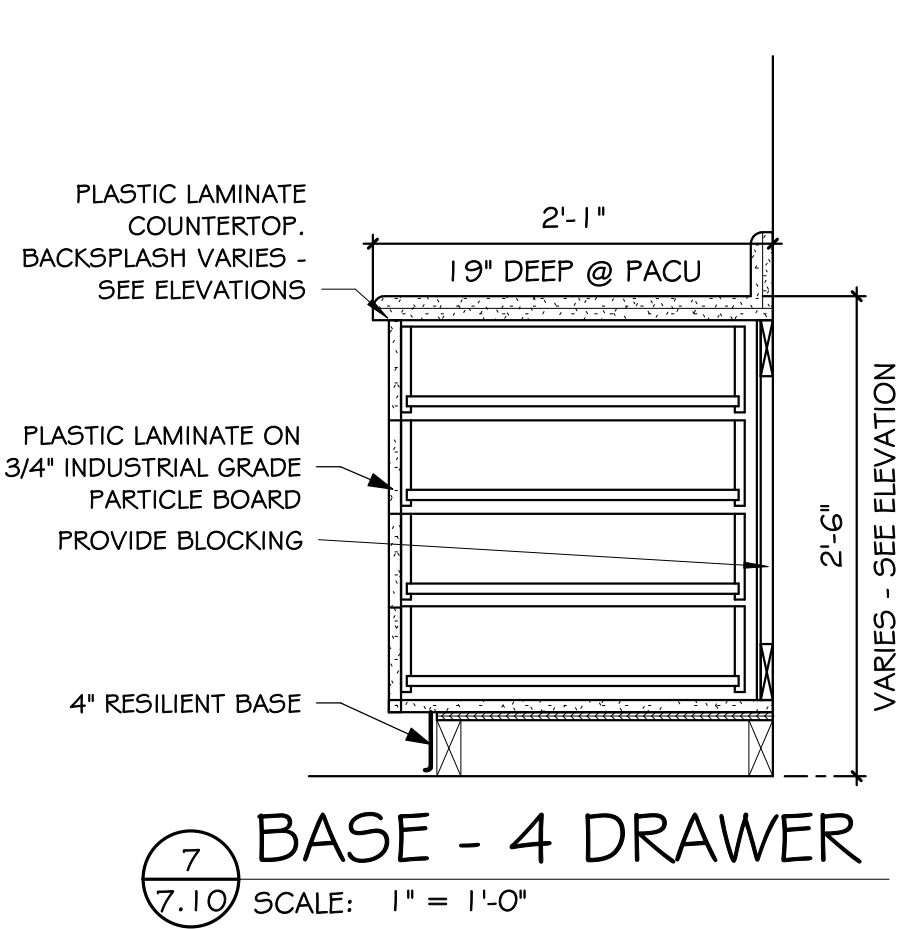
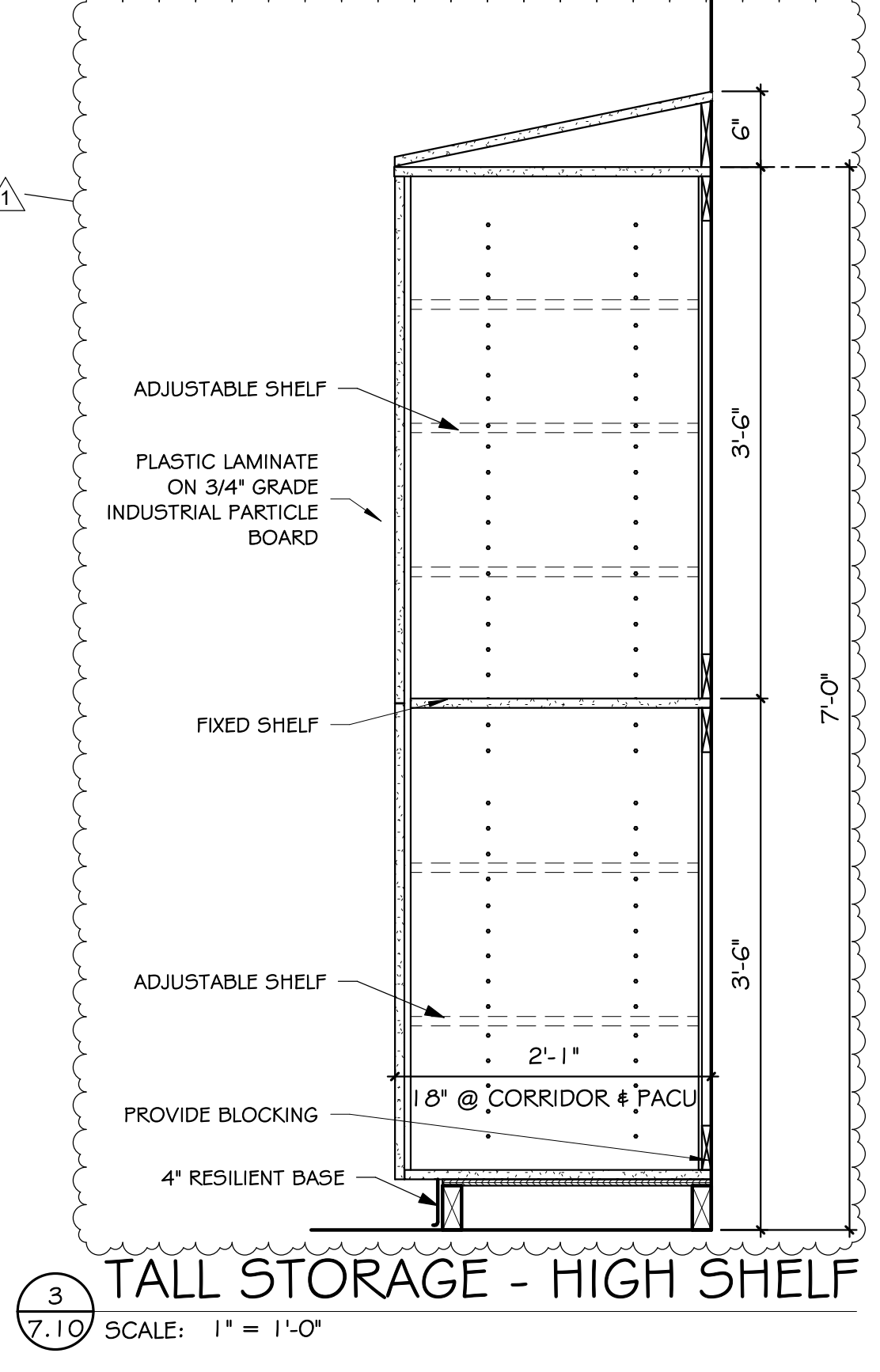
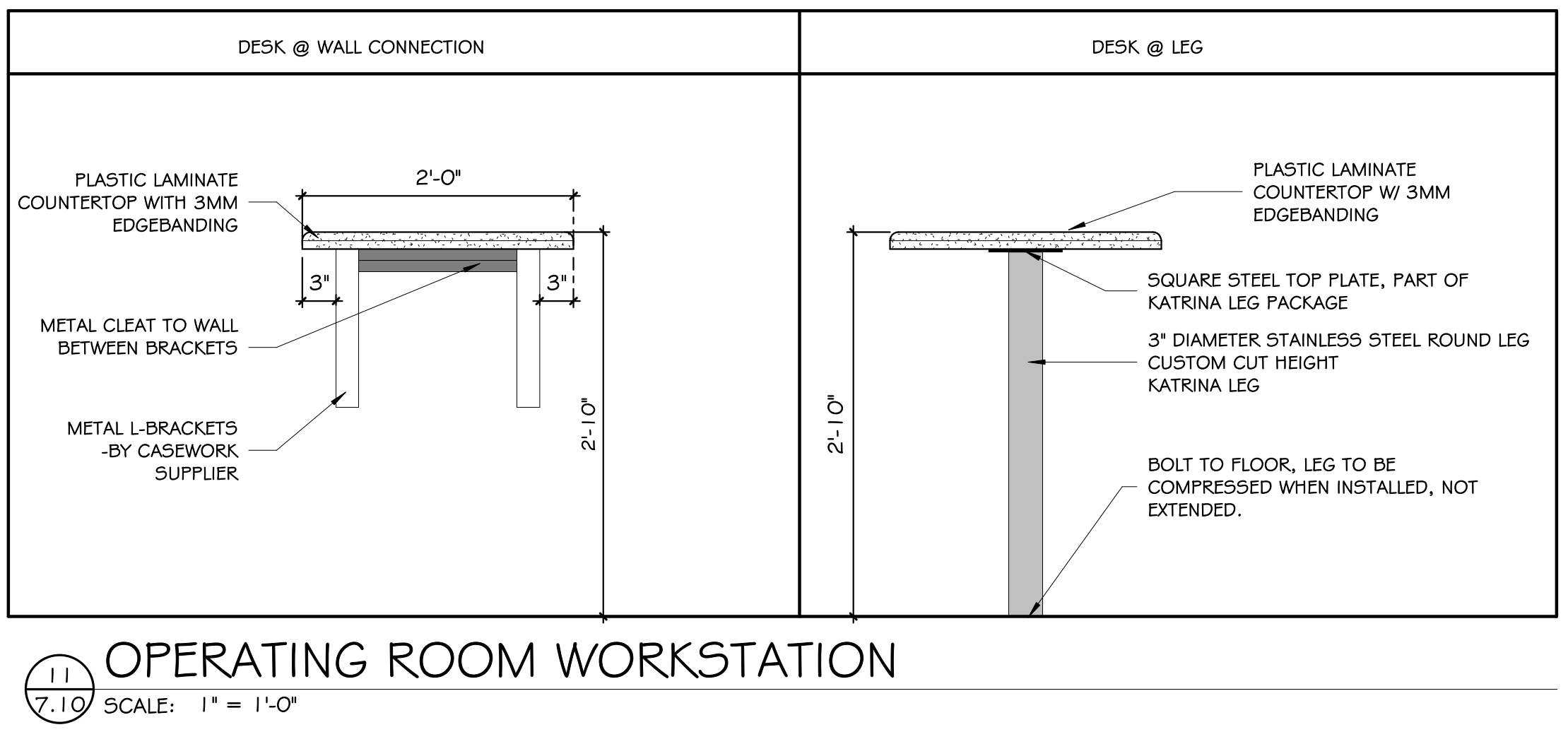
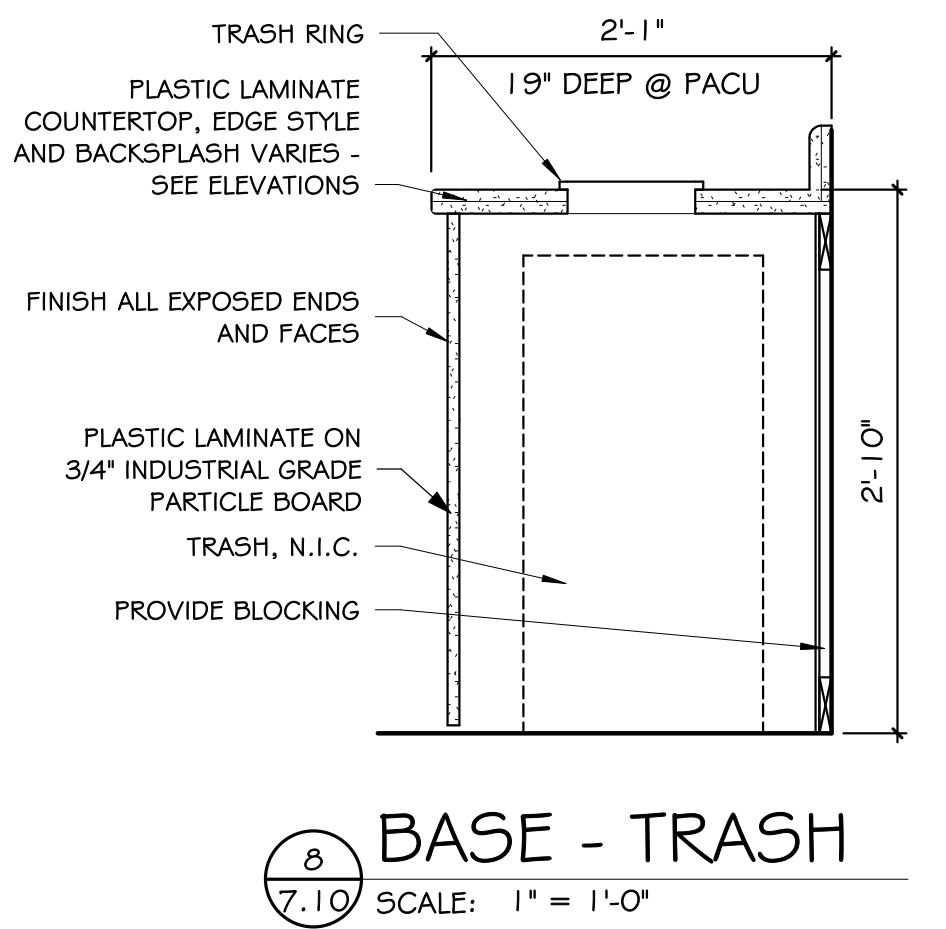
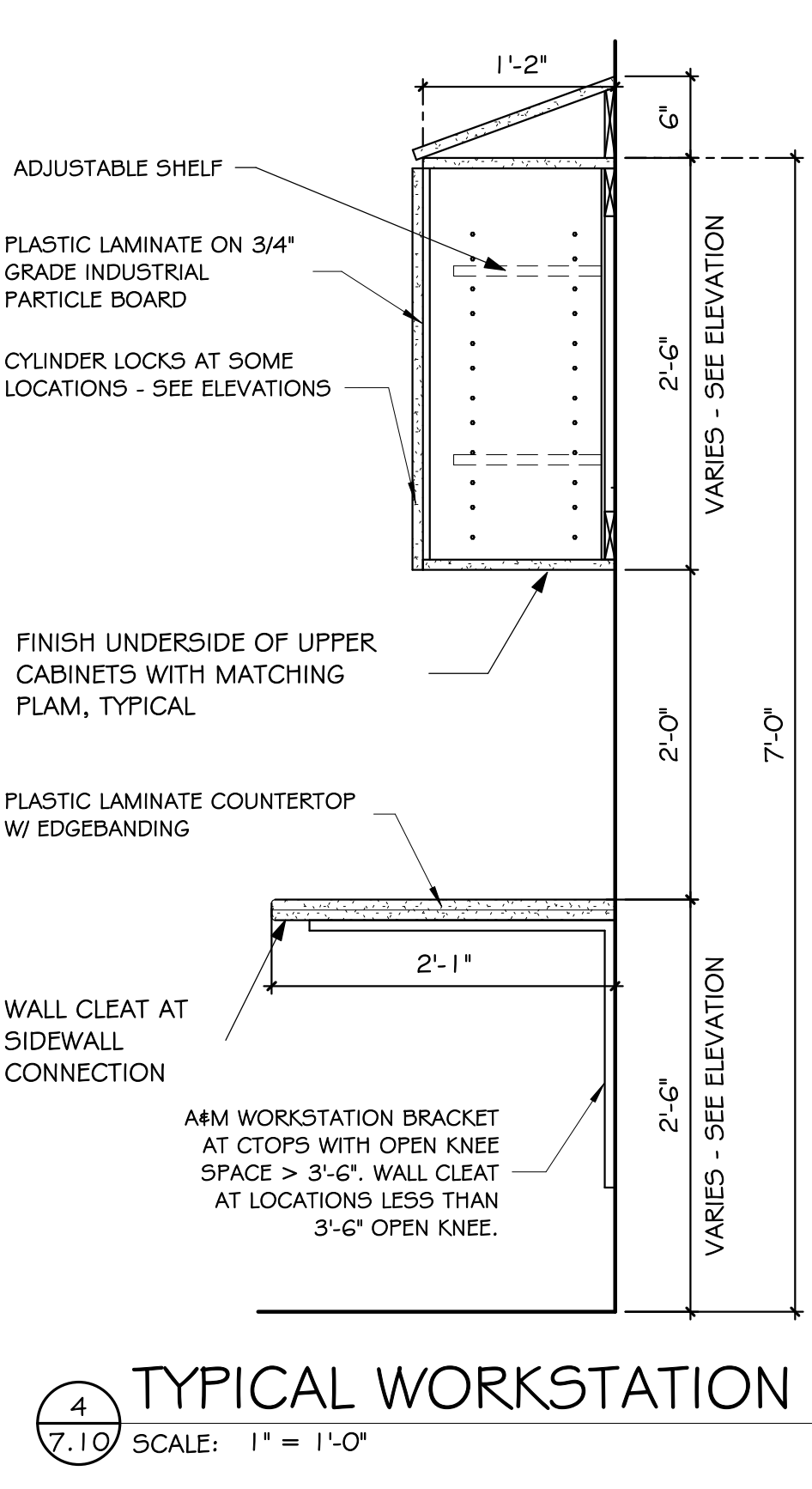


**HEALTH SCIENCES SURGICAL SIMULATION SUITE RENOVATION**

CASEWORK SECTIONS

number	0217.2984.22	
date	AUGUST 8, 2022	
revision		
drawn	NKS checked ADE	
NO.	DATE	DESCRIPTION
1	8/24/2022	ADDENDUM #1

**7.10**



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