

Project Name: UNIVERSITY OF CALIFORNIA, MERCED
WELLNESS CENTER REMODEL
Project Number: 907432

BID ADDENDUM No. 01
(Identified as *Revision 2*)

To the

CONTRACT DOCUMENTS

August 6, 2012

- I. Bidder acknowledges that it is the Bidder's responsibility to ascertain whether any Addenda have been issued and if so, to obtain copies of such Addenda. Bidder therefore agrees to be bound by all Addenda that have been issued for this bid.

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents. The following changes, additions, or deletions have been made to the following documents as indicated and all other Contract Documents shall remain the same.

II. CLARIFICATIONS

A. PRE-BID –

1. On Sheet A10.1; REVISE “VT-3” color to MVT 6044.
2. On Detail 6/S1.2; Simpson PDPW-300 anchors to be spaced @ 32” oc.
3. On Detail 21/S1.2; REVISE angle to 1 ¼ x 1 ¼ x 5/16”, spaced @ 32” oc., max.

III. CHANGES TO BIDDING DOCUMENTS

A. BIDDING / CONTRACT DOCUMENTS AND DIVISION 1 SPECIFICATIONS –
(VOLUME 1 OF 3)

1. Project Directory: REVISE Architect's address to:
1207 13th Street, Suite #6
Modesto, CA 95354

B. MATERIAL SPECIFICATIONS- DIVISIONS 2 -17 – (VOLUME 2 OF 3)

1. Specification Section 06411 Casework: DELETE entire section and replace with new specification section attached to this Addendum.

C. DRAWINGS – (VOLUME 3 OF 3)


1. Architectural drawing A2.2.2: REVISE sheet as indicated on new drawings SK.1 & SK.2 attached to this Addendum.

2. Architectural drawing A5.1: DELETE entire sheet and replace with new sheet attached to this Addendum.
3. Electrical drawings E0.0, E5.1 and E5.2: DELETE entire sheets and replace with new sheets attached to this Addendum.

UNIVERSITY OF CALIFORNIA, MERCED

By: University of California, Merced

University's Representative

A handwritten signature in blue ink that reads "Allison Costa". The signature is written in a cursive style and is positioned above a horizontal line.

Allison Costa

Project Manager

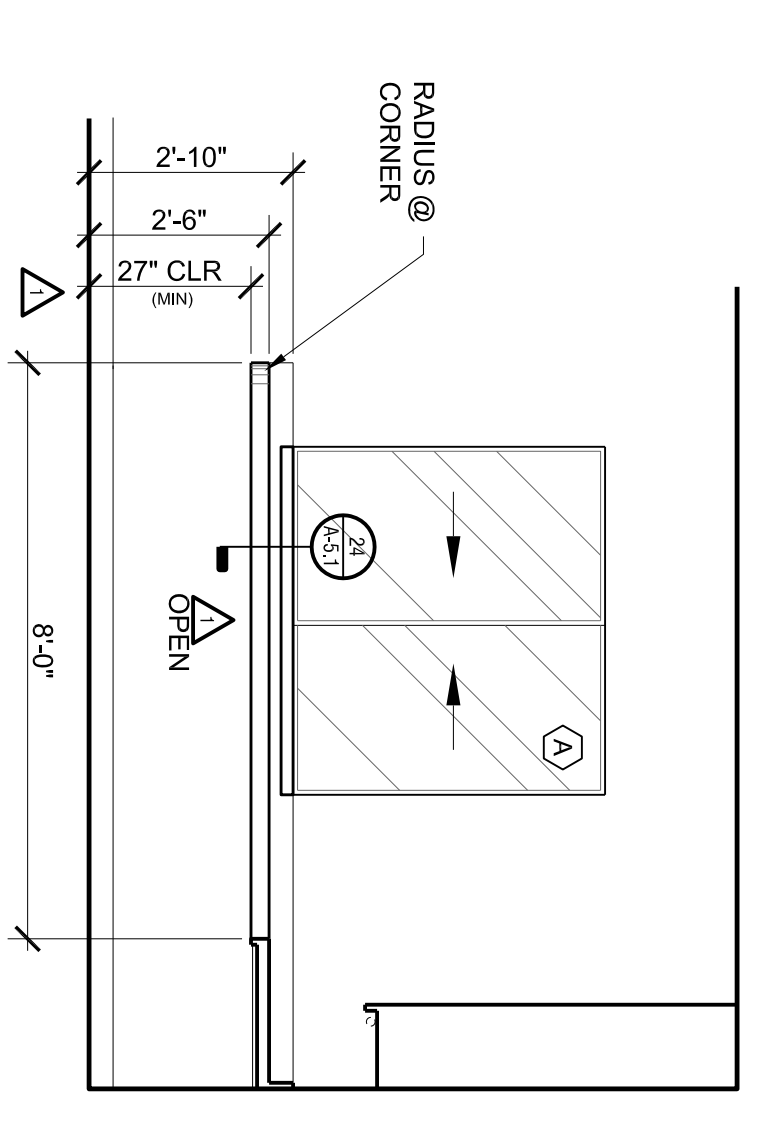
Enclosure:

Specifications; Section 06411- Casework.

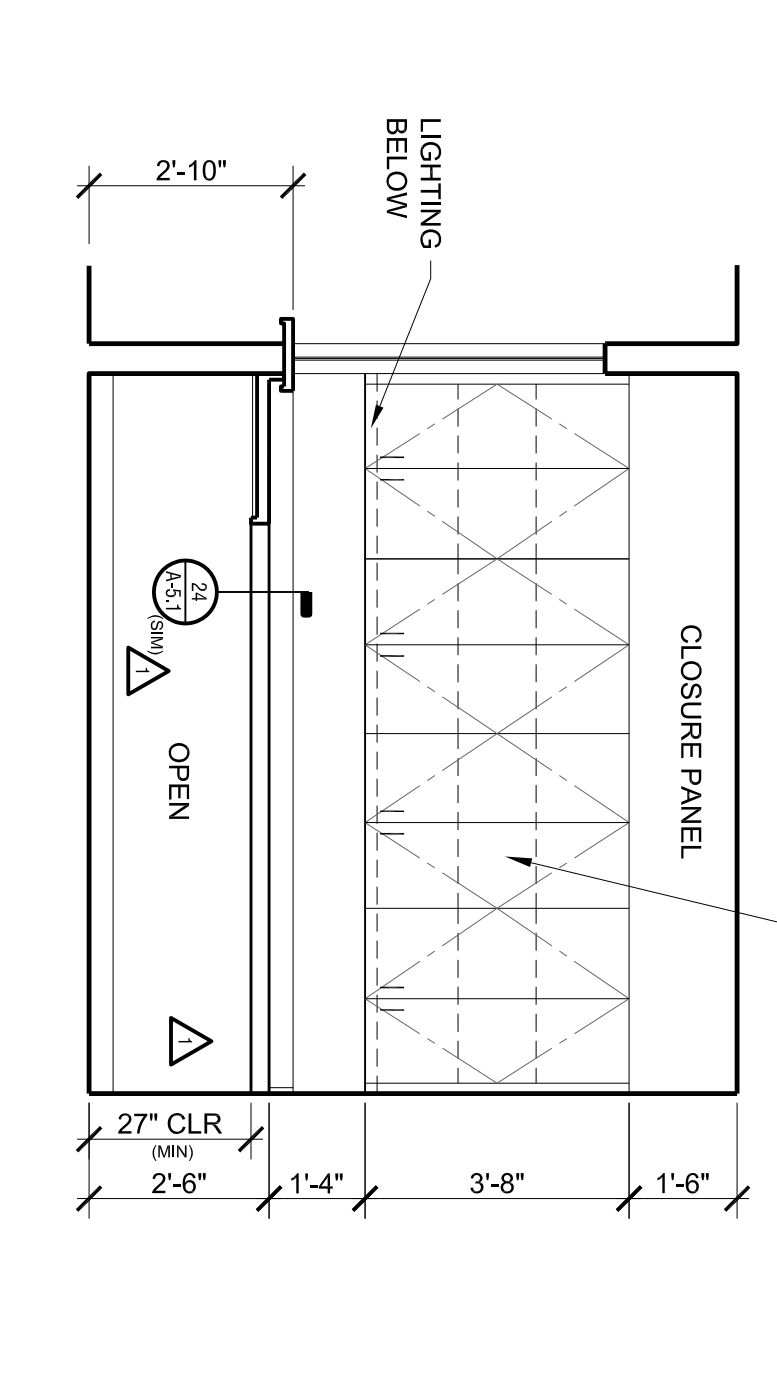
Drawings; SK.1, SK.2, A5.1, E0.0, E-5.1, E3-5.2.

Support documents; OPA-0697-07, OPA-1665-07.

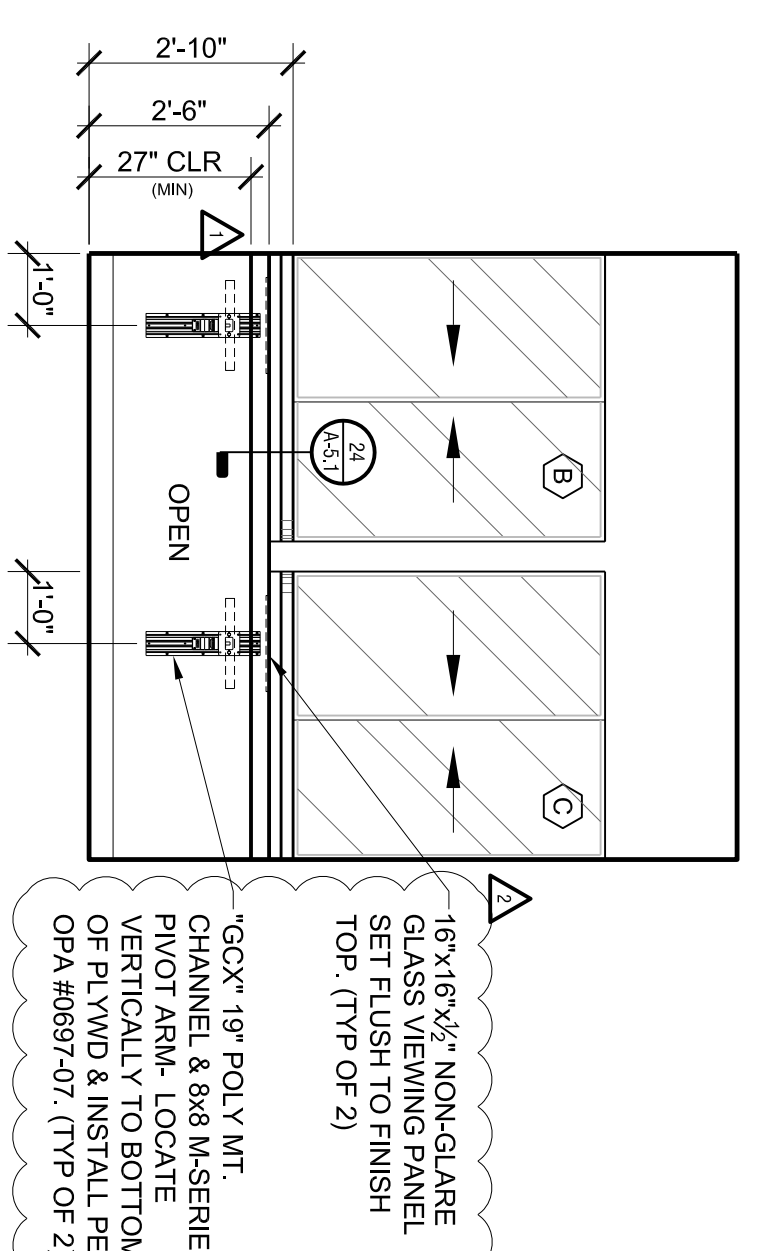
End of Bid Addendum No. 01



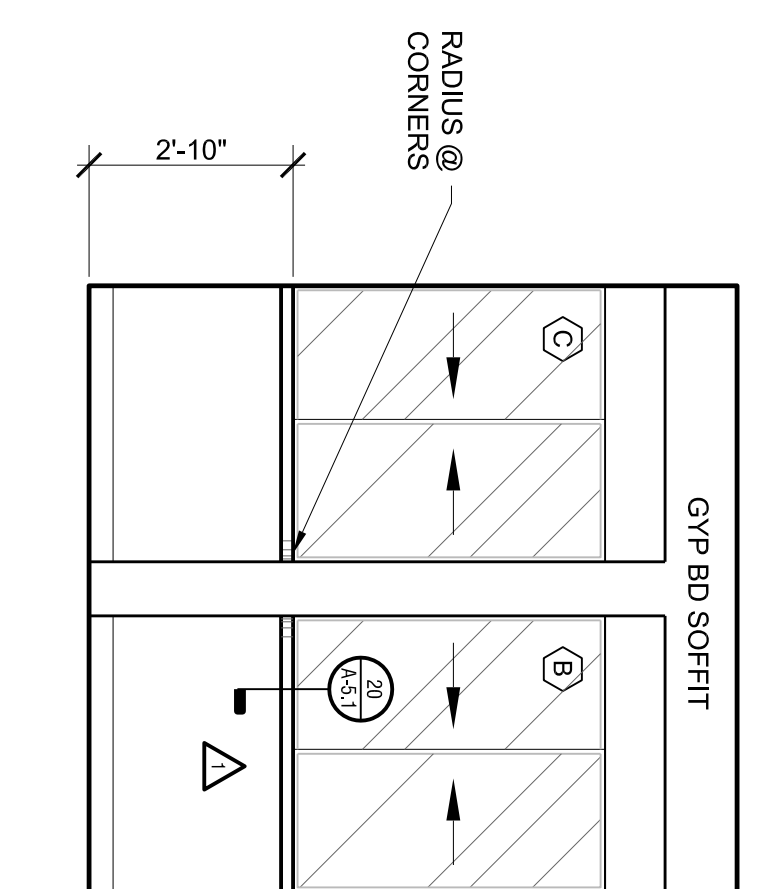
A RECEPTION 107
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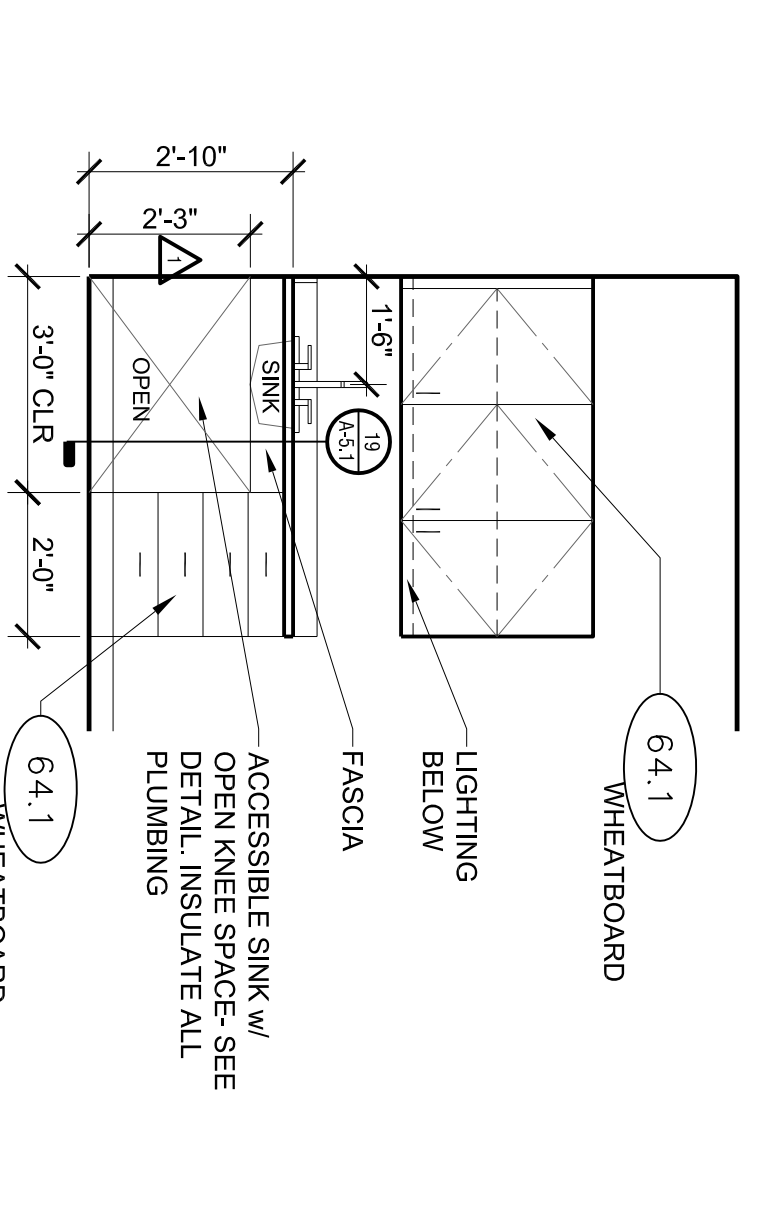
B RECEPTION 107
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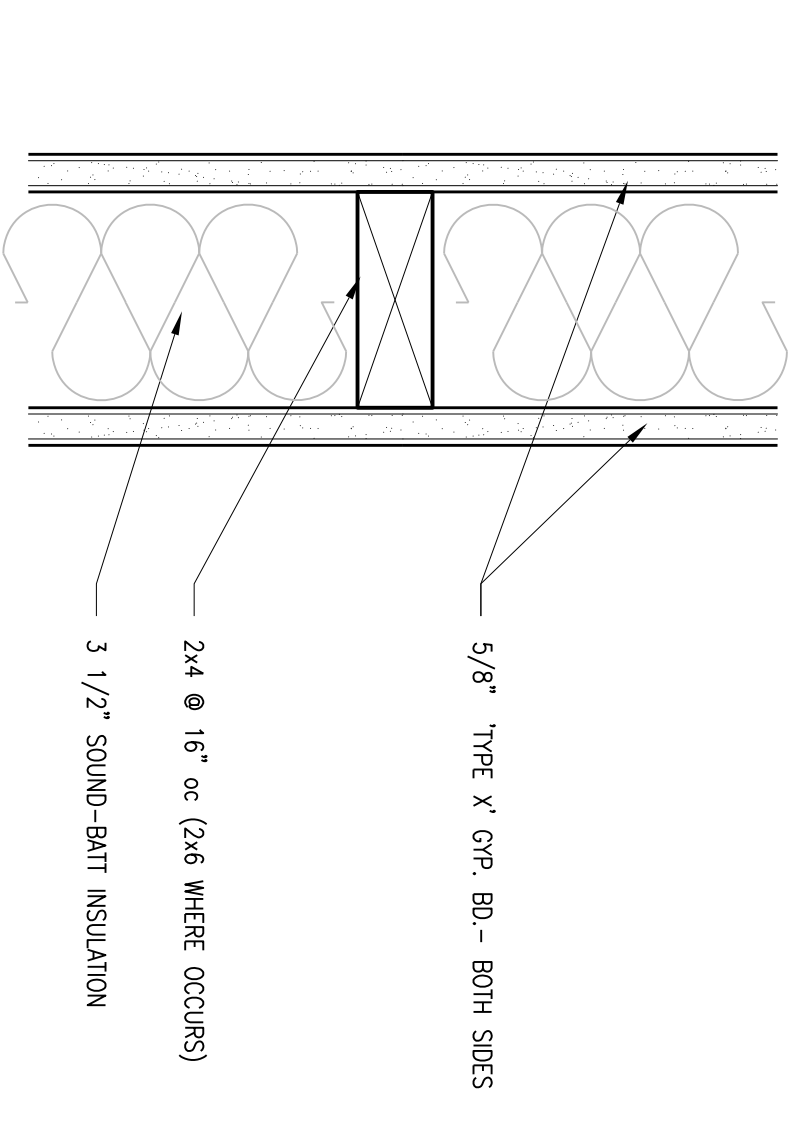
C RECEPTION 220
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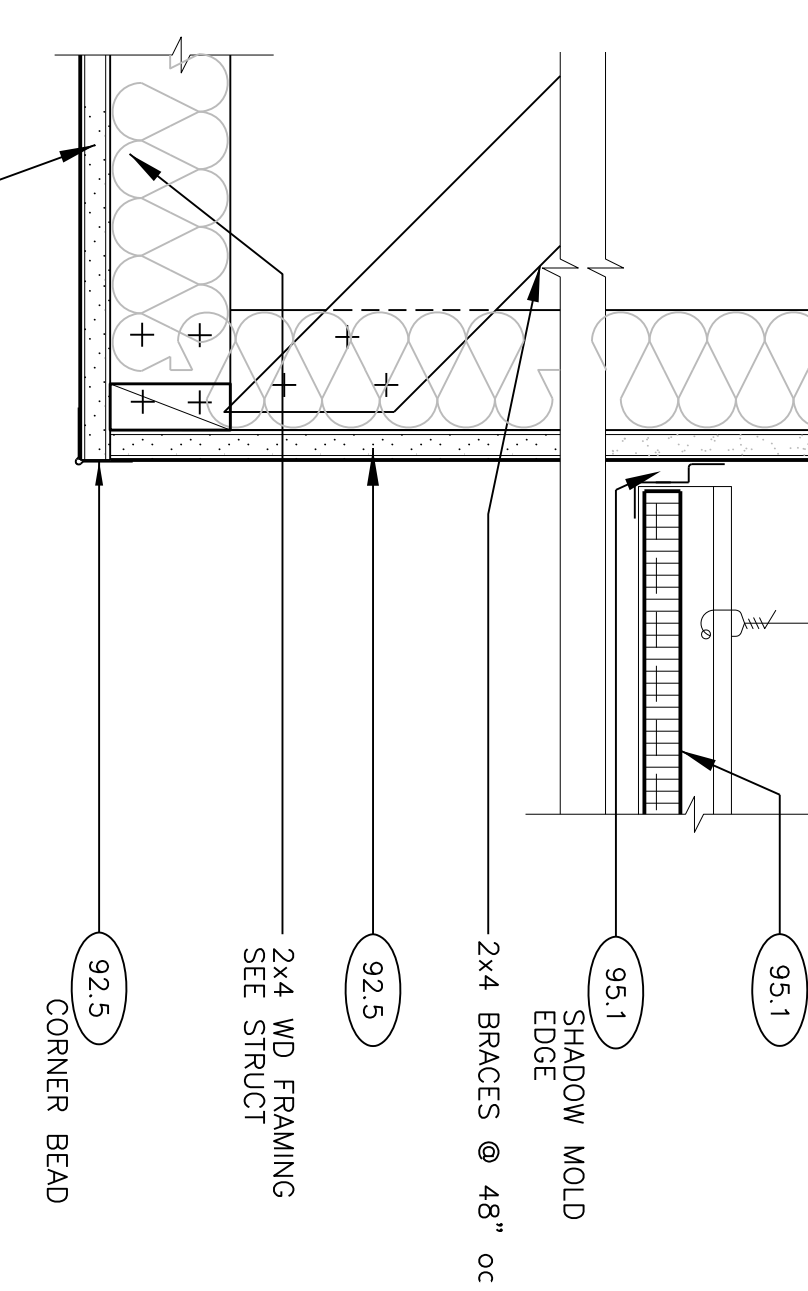
D LOBBY 200
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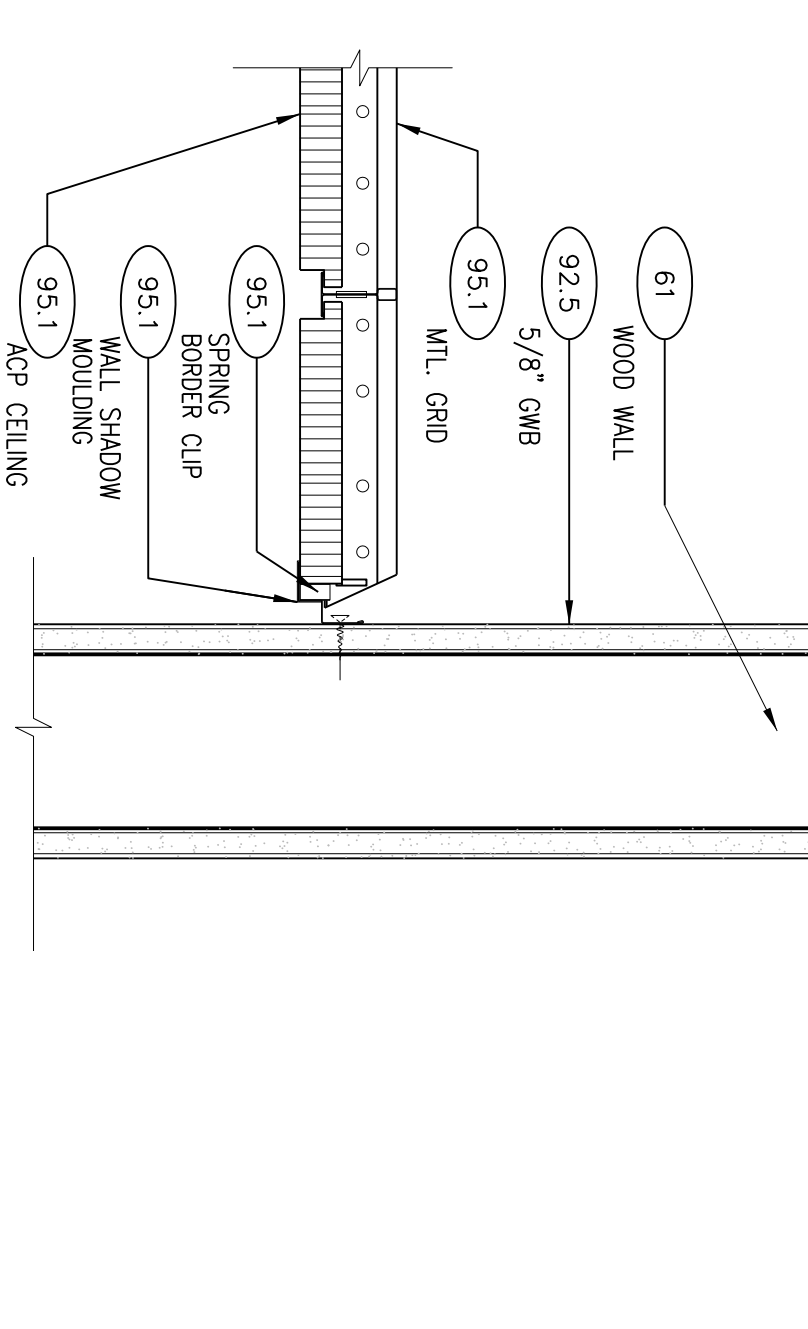
E EXAM 215 (EXAM 230 SIM)
SCALE: 3/8" = 1'-0"



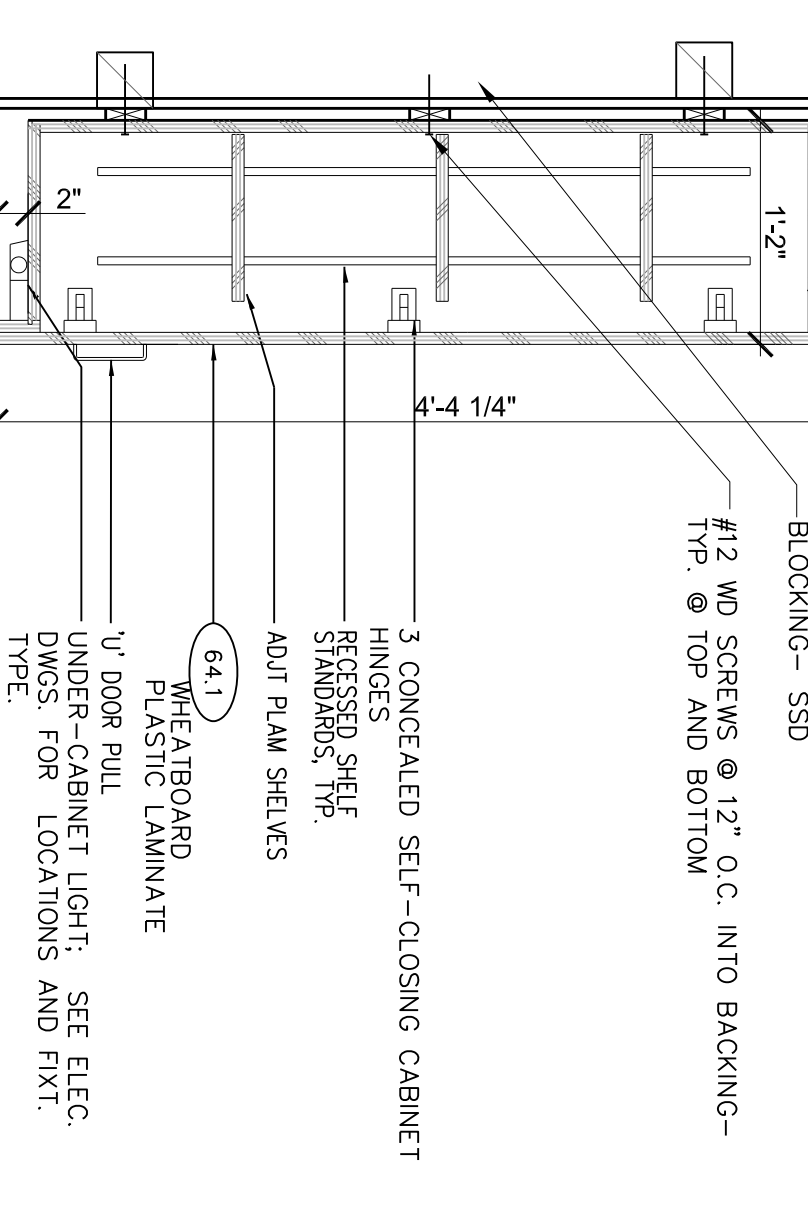
6 WALL TYPE: INTERIOR PARTITION
SCALE: 3/4" = 1'-0"



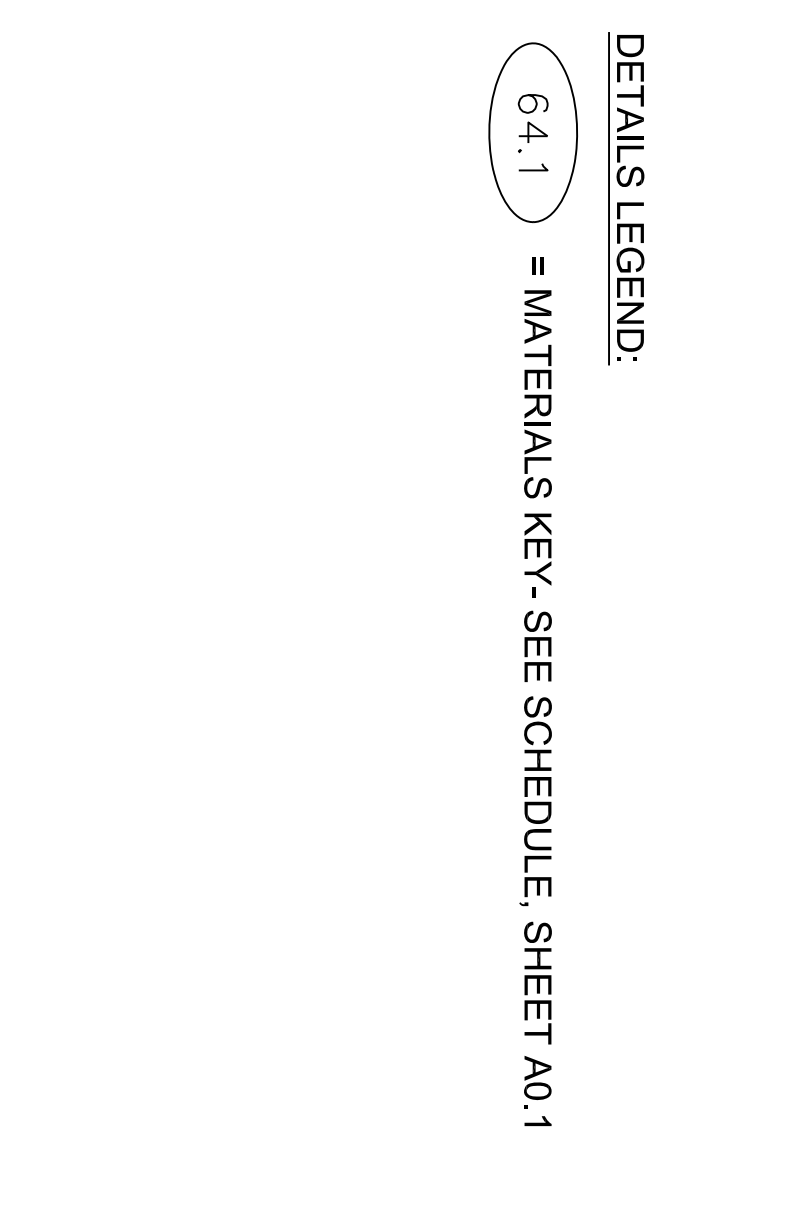
7 GYP. BD. SOFFIT
SCALE: 3/4" = 1'-0"



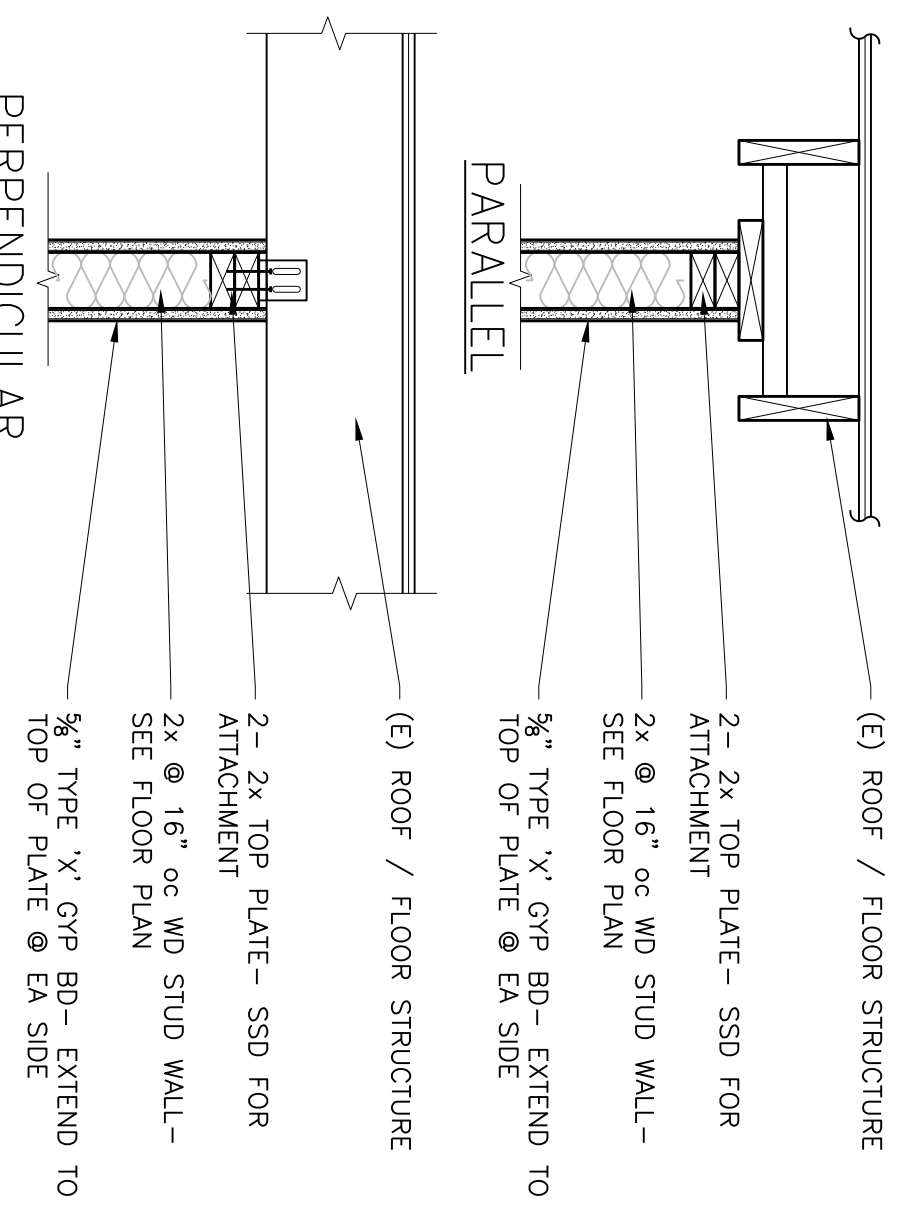
8 CEILING EDGE- TYPICAL
SCALE: 3/4" = 1'-0"



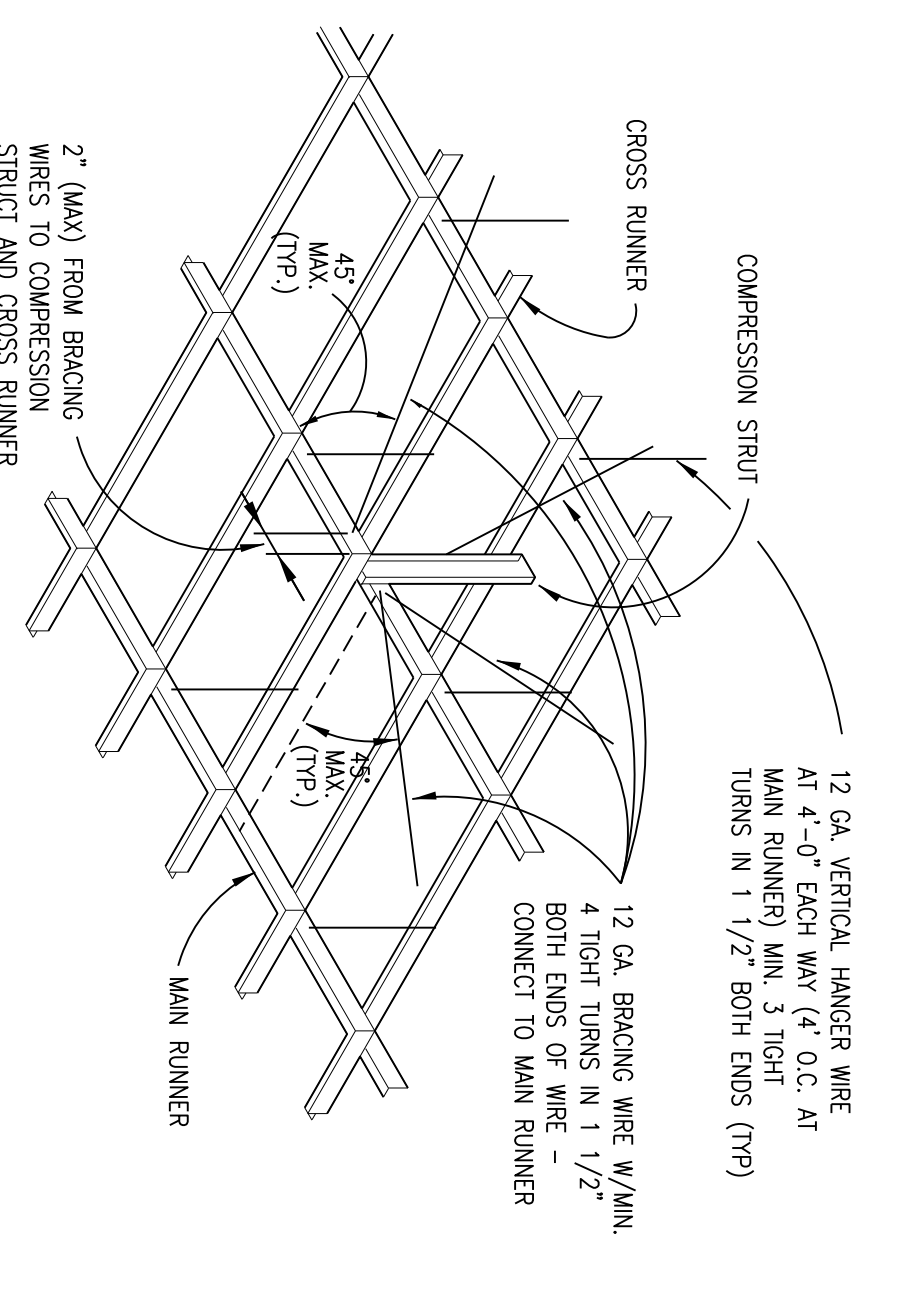
9 CASEWORK- UPPER
SCALE: 1" = 1'-0"



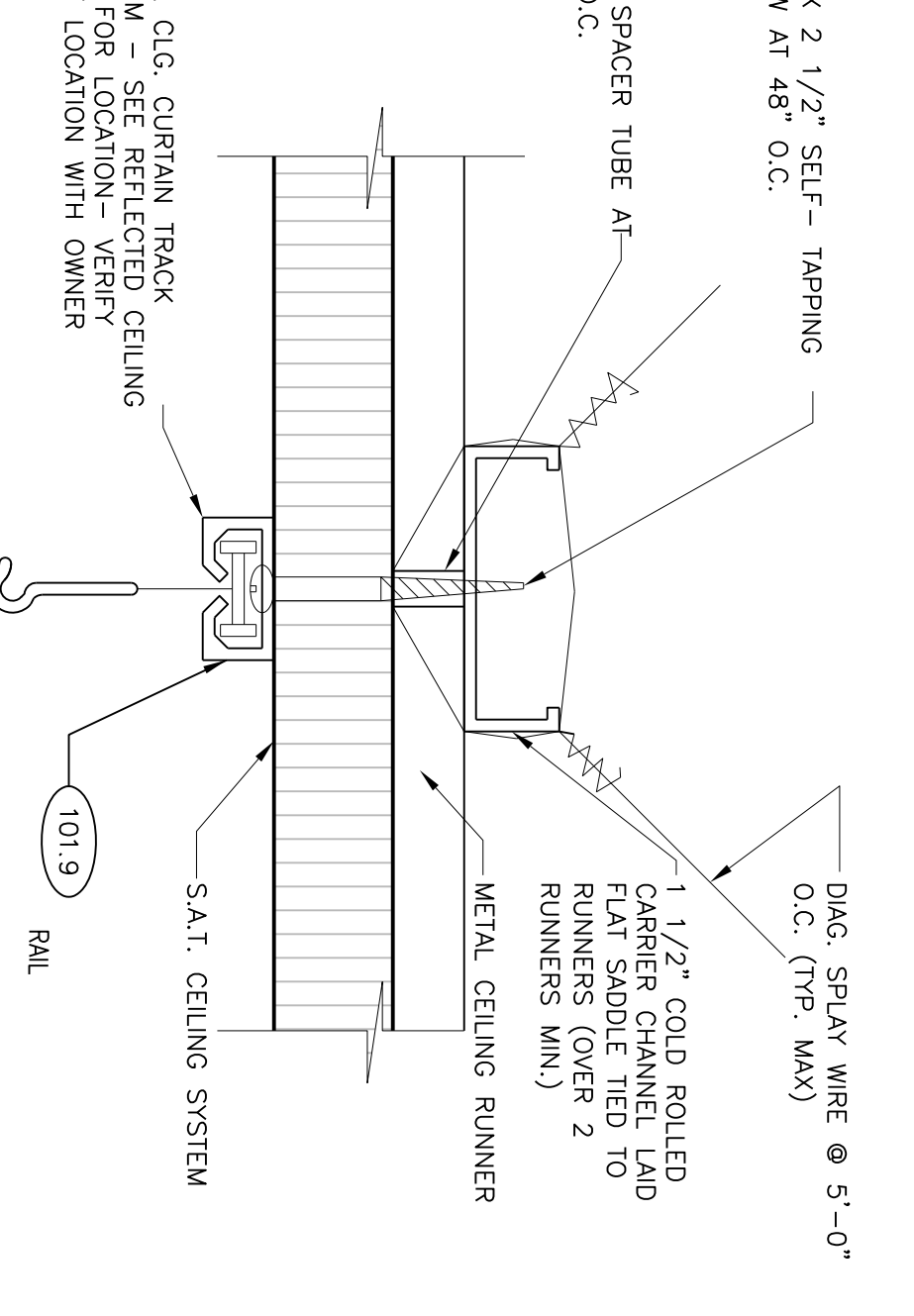
10 CASEWORK- LOWER
SCALE: 1" = 1'-0"



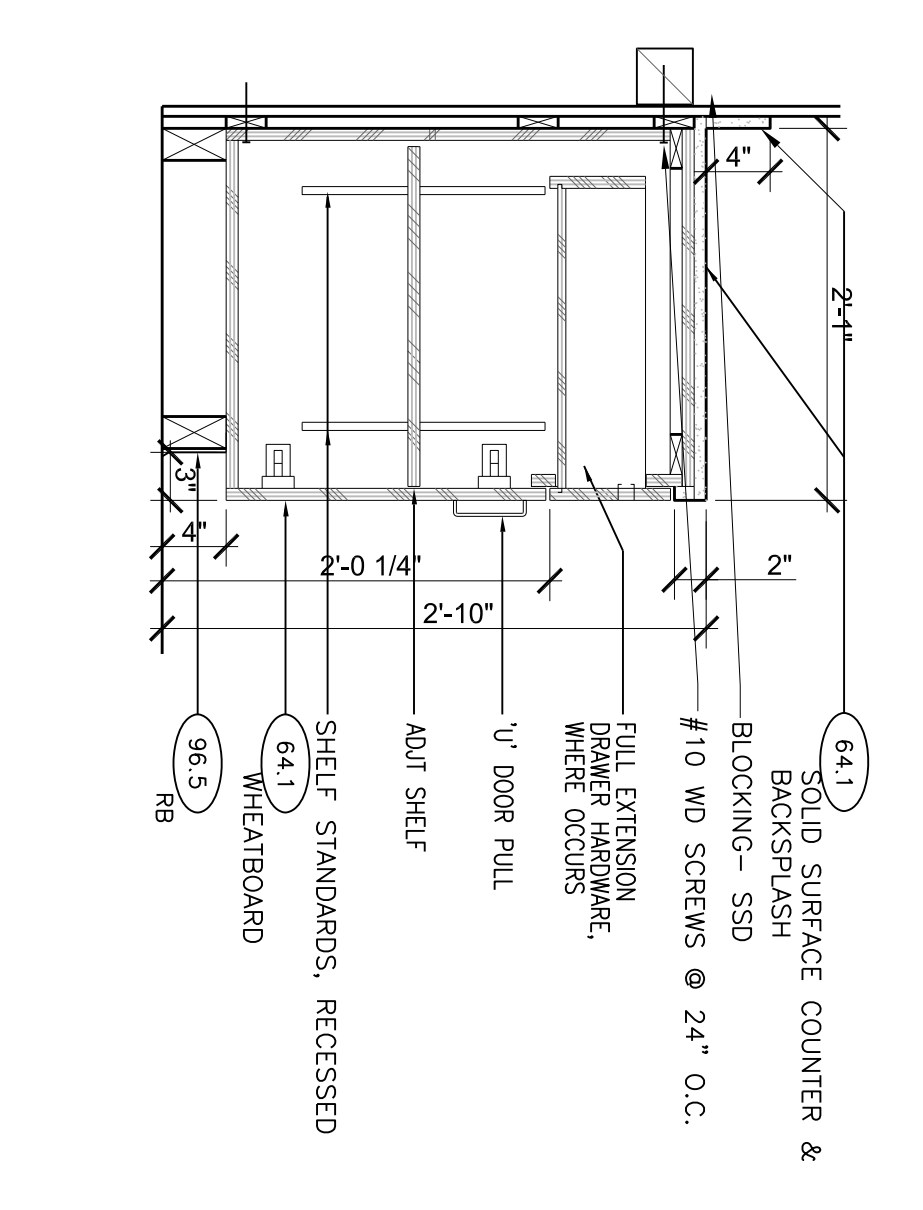
11 TOP OF PARTITION
SCALE: 1" = 1'-0"



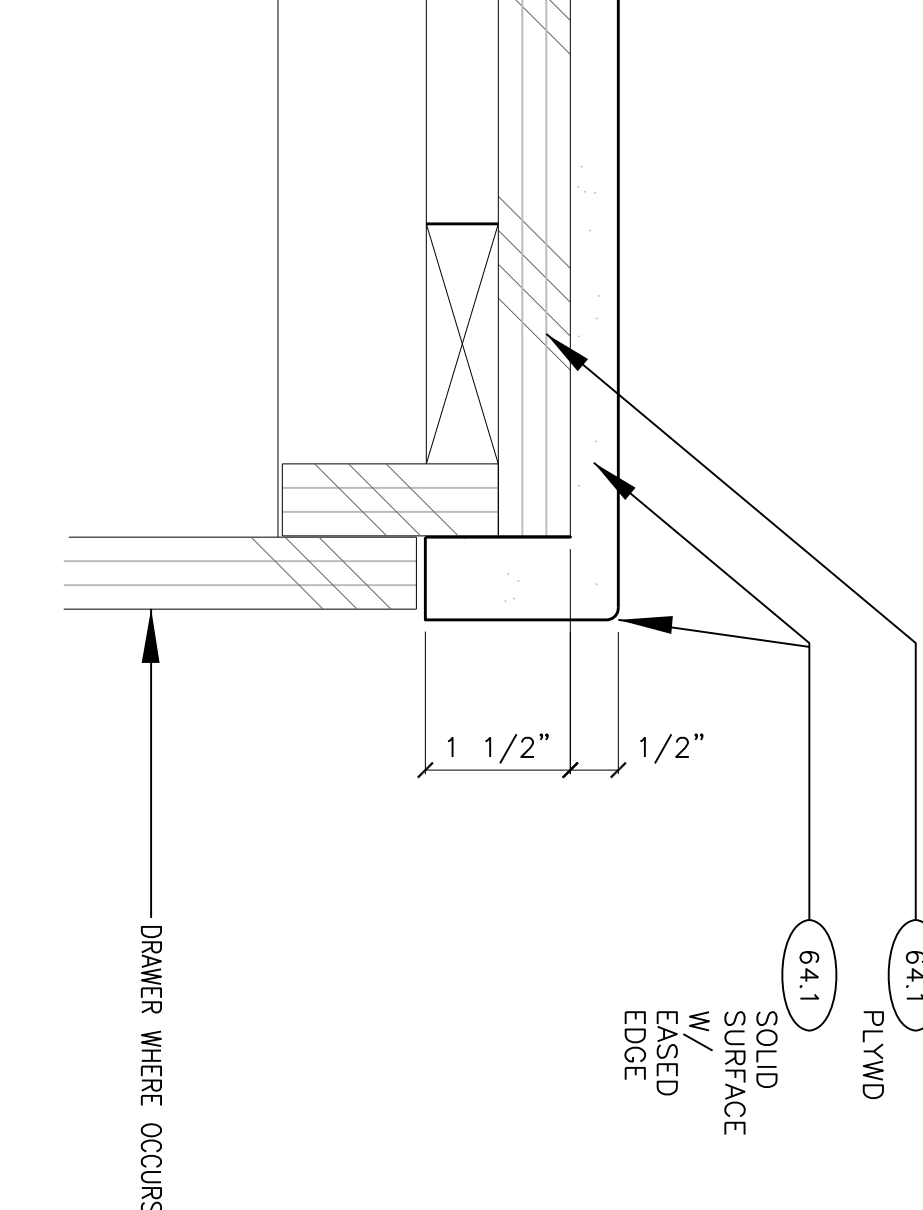
12 SAT CEILING
SCALE: NONE



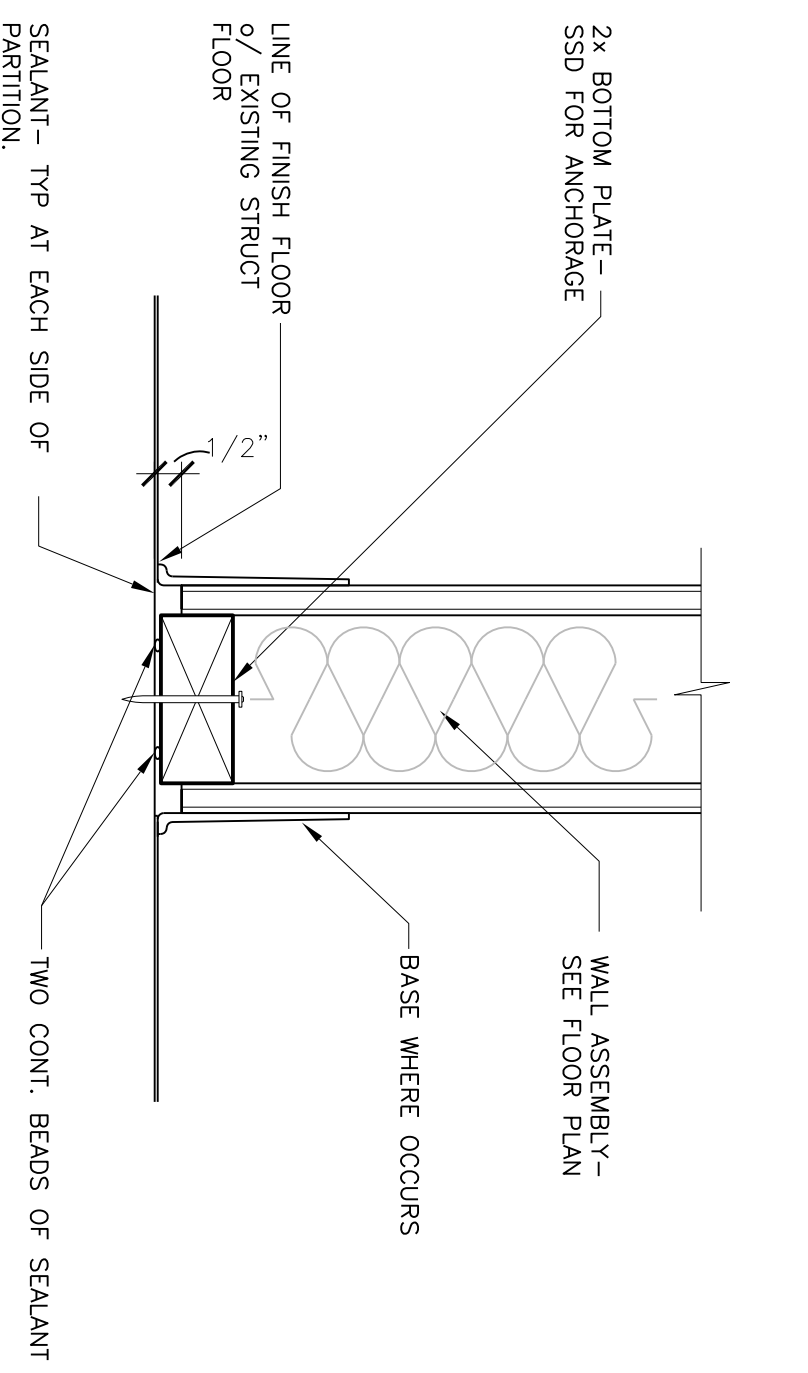
13 CURTAIN TRACK
SCALE: 3/4" = 1'-0"



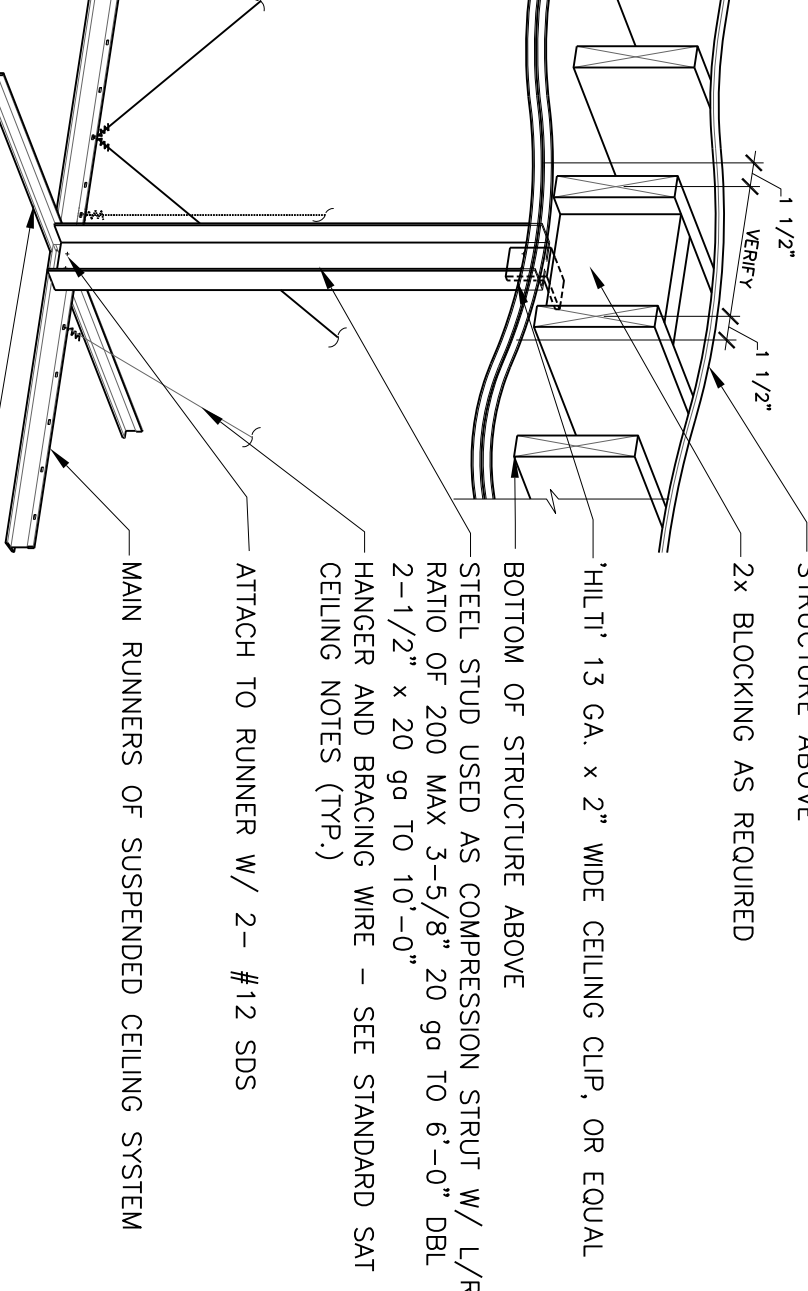
14 CASEWORK- LOWER
SCALE: 1" = 1'-0"



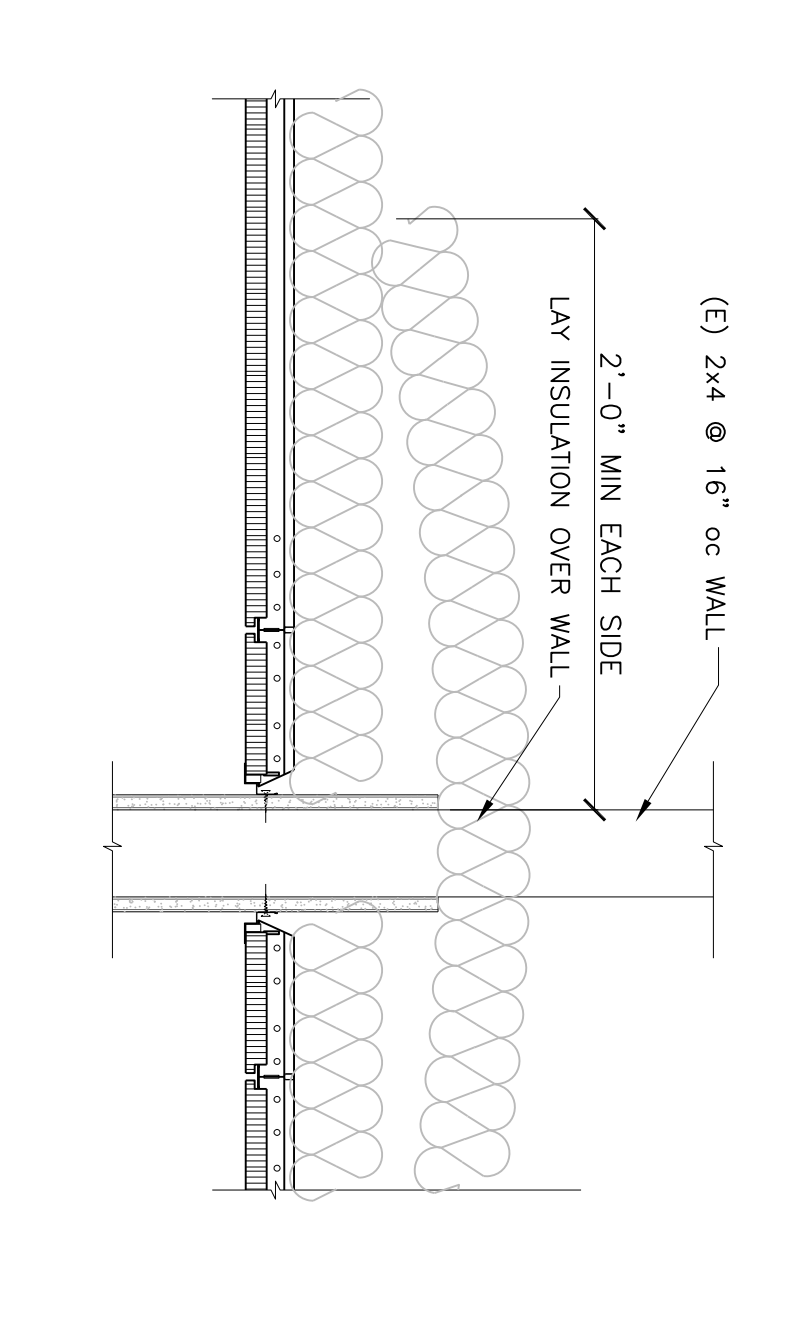
15 COUNTER TOP EDGE
SCALE: 6" = 1'-0"



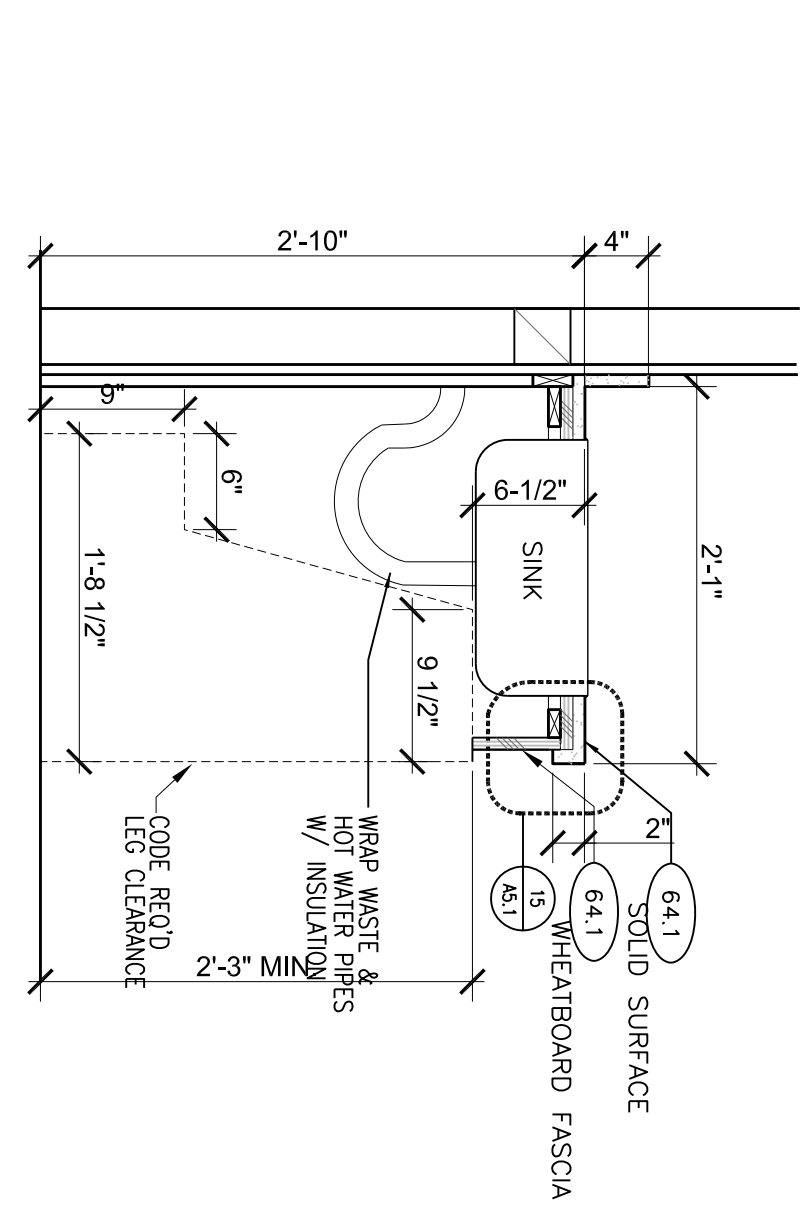
16 BASE OF WALL
SCALE: 3/4" = 1'-0"



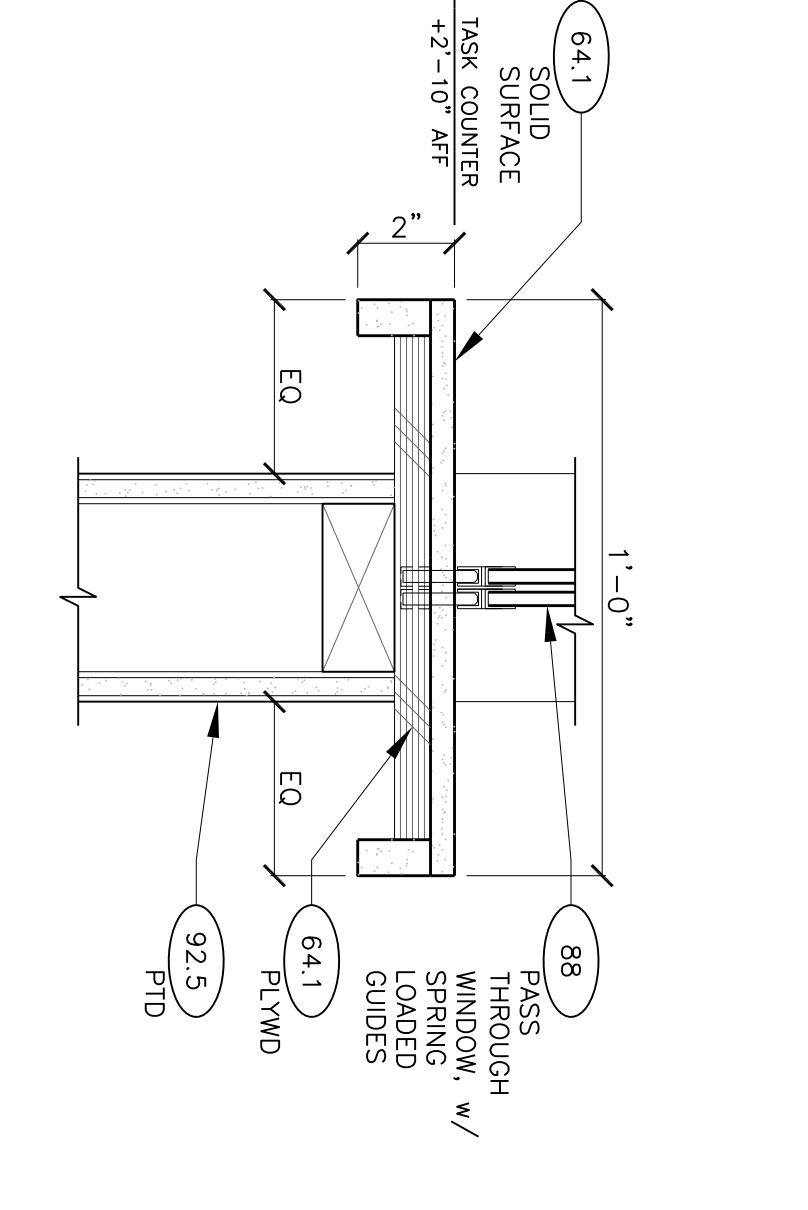
17 COMPRESSION STRUT
SCALE: 1 1/2" = 1'-0"



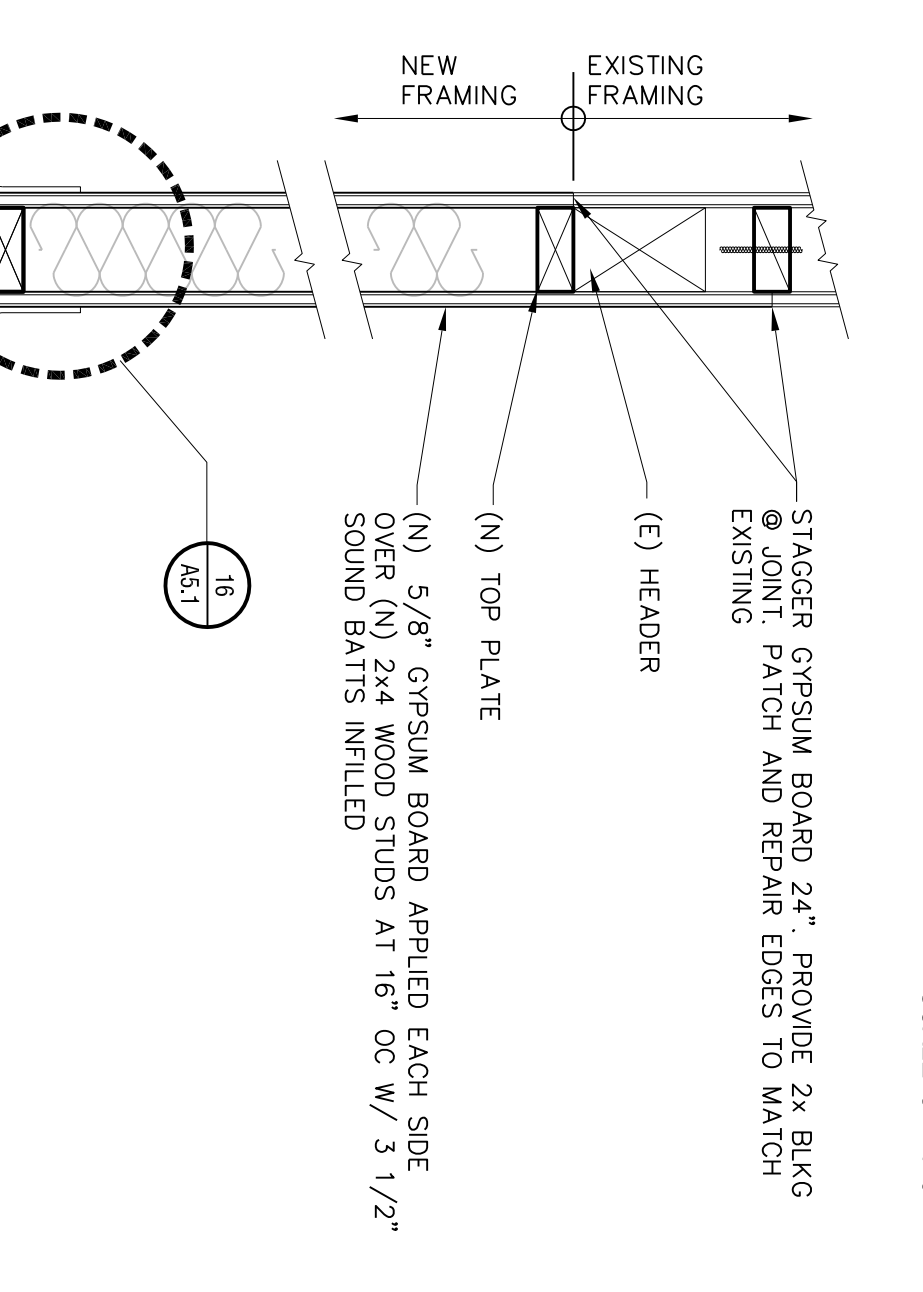
18 CEILING INSULATION @ WALLS
SCALE: 1 1/2" = 1'-0"



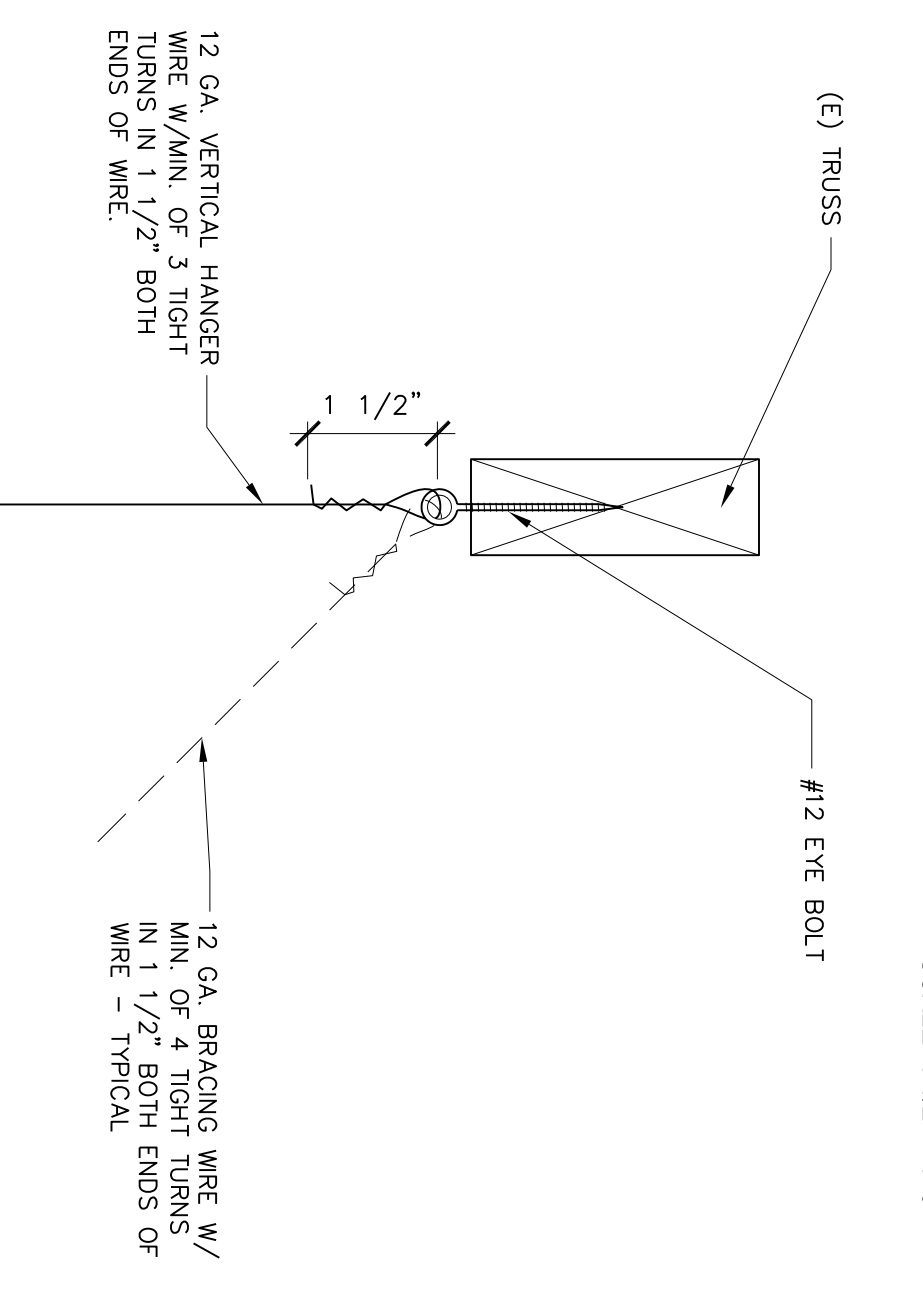
19 ACCESSIBLE SINK
SCALE: 1" = 1'-0"



20 CASEWORK- PASS THRU
SCALE: 3/4" = 1'-0"



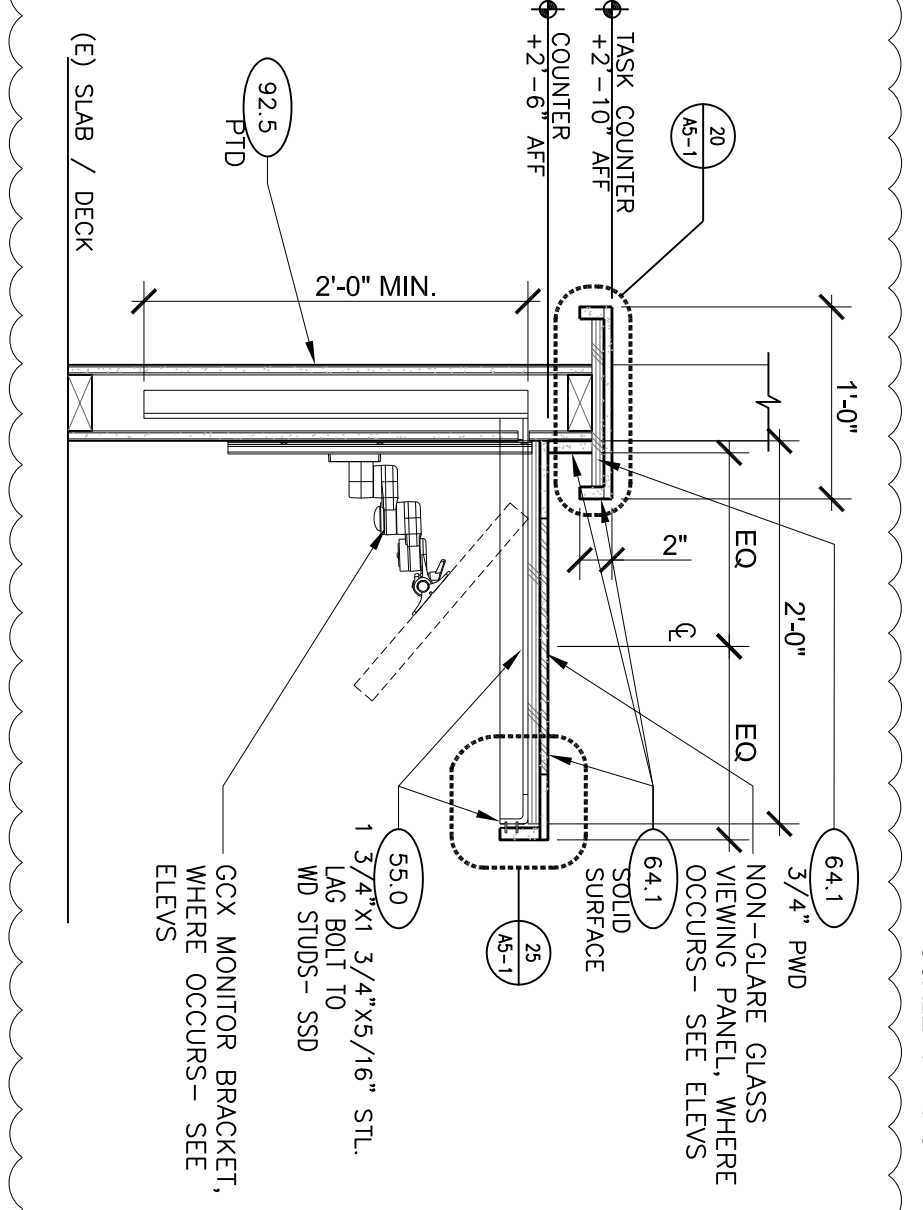
21 WALL TYPE- INFILL
SCALE: 1 1/2" = 1'-0"



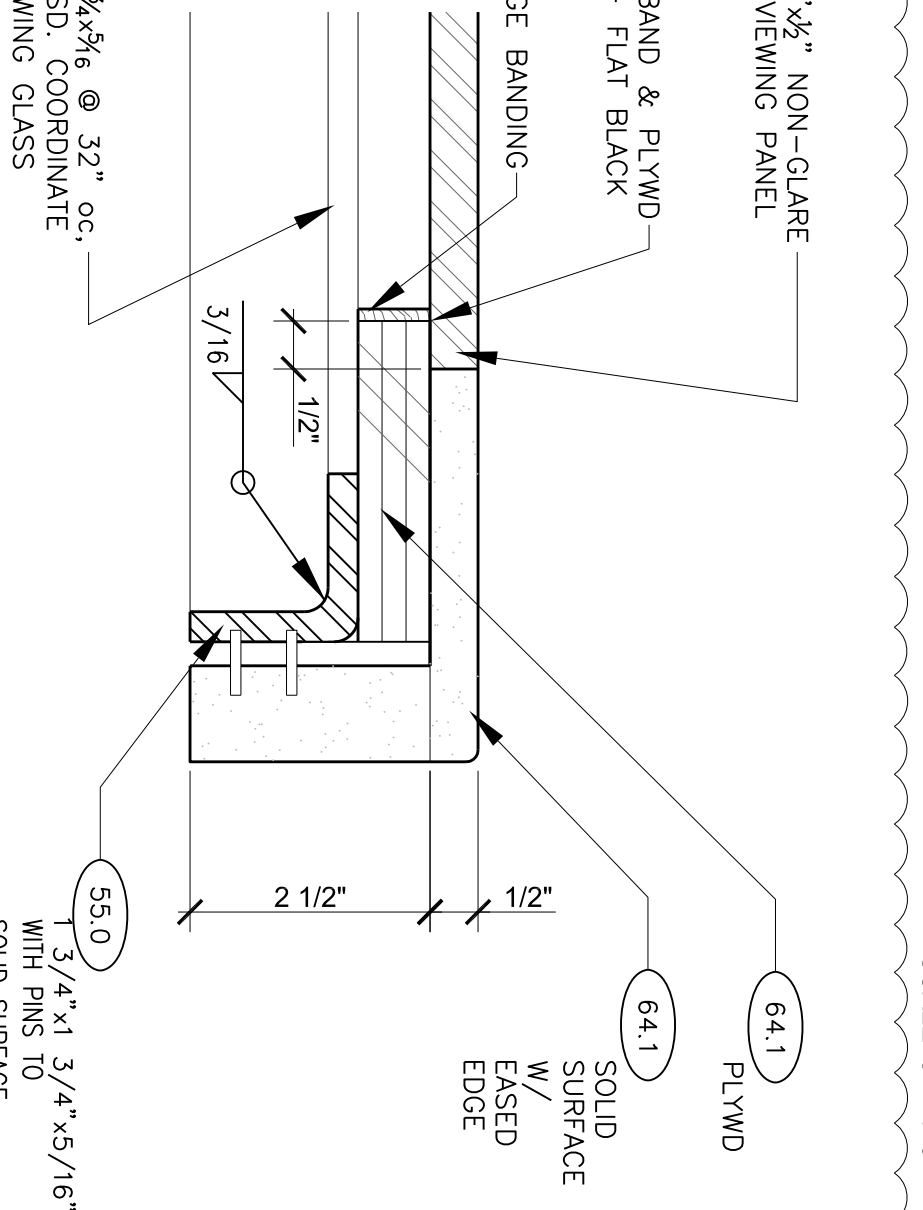
22 HANGER WIRE
SCALE: NONE



23 CEILING INSULATION @ WALLS
SCALE: 1 1/2" = 1'-0"

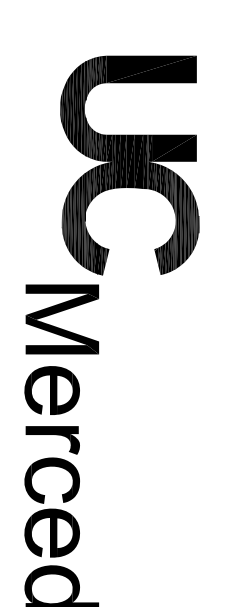


24 CASEWORK- WORK COUNTER
SCALE: 1" = 1'-0"



25 COUNTER EDGE
SCALE: 6" = 1'-0"

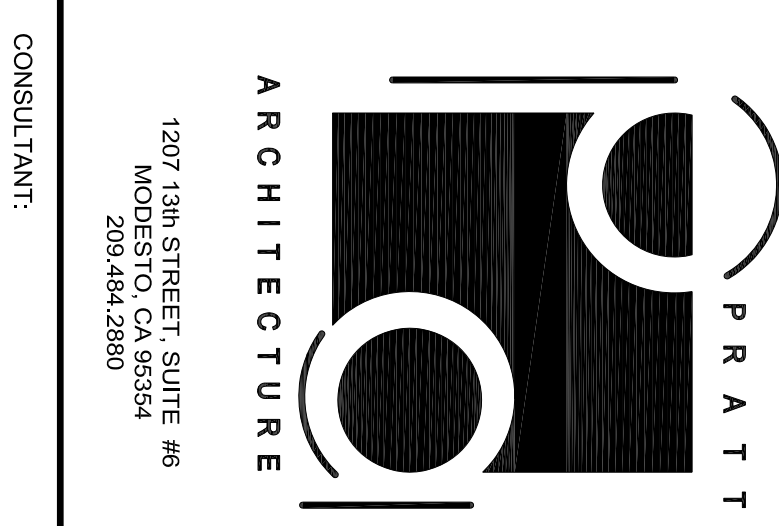
TYPICAL CASEWORK NOTES:
1. SEE TYPICAL CASEWORK DETAILS THIS SHEET
2. SEE DETAILS, MATERIAL KEY & SPECS FOR FINISHES



University of California
Merced, California

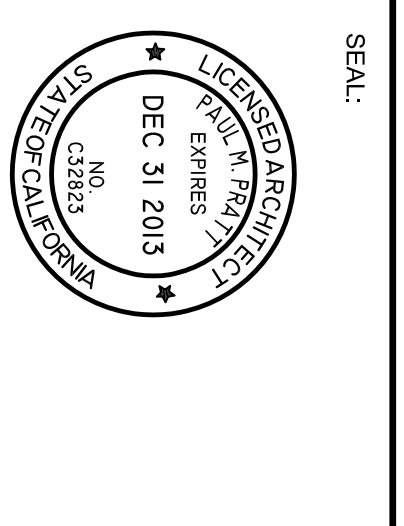
PROJECT:
**WELLNESS
CENTER
REMODEL**

UON PROJECT #: 907432



1207 13th STREET, SUITE #6
MERCED, CALIFORNIA 95360
(209) 464-2880

CONSULTANT:



AGENCY APPROVALS:

UNIVERSITY OF CALIFORNIA
MERCED
Approval of this plan does not authorize or approve
any omission or deviation from applicable
Final approval is subject to field inspection
One set of approved plans shall be available on the
Project site at all times.
Reviewed By: _____
Date: _____
UON Project #: 907432

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
FILE NO. 01-UC MERCED
APPL. NO. 01-112735
AC: FLS SS
DATE: _____

100%
CONSTRUCTION DOCUMENTS
August 20, 2012
ISSUED: JUNE 15, 2012
DSA-BC-1 JULY 9, 2012
BID ADDENDUM 01 AUG. 6, 2012

PROJECT #: 12003
PERMIT #: 01-112735
DRAWN: JR CHECKED: PMP
SHEET TITLE:
**INTERIOR
ELEVATIONS,
DETAILS**
SHEET NO:
A5.1

SECTION 06411 - CASEWORK

PART 1 - GENERAL

1.1 SUMMARY

A. Work Included: Casework, complete, as shown and specified.

B. Work Specified Elsewhere:

1. LEED™ Requirements: Section 01 81 13.
2. Backing Plates: Section 09250.
3. Trim, Panel work and Other Architectural Woodwork: Section 06400.

2

4. Adhesives, Sealers and Paints: Section 09051.
5. Resilient Flooring: Section 09650.
6. Plumbing Fixtures, Fittings, and Connections: (See Plans).
7. Electrical Connections, Wiring, Disconnect Switches, and Similar Items: (See Plans).

1.2 REFERENCE STANDARDS

A. Woodwork Institute (WI):

1. Manual of Millwork.

1.3 SUBMITTALS

A. Product Data: Manufacturer's specifications, data, and installation instructions.

B. Shop Drawings: Show materials, components, profiles, elevations, assembly methods, joint details, fastening methods, accessory listings, hardware locations, utilities to be incorporated into casework such as power, signal, and communications systems, and schedule of finishes.

C. Samples:

1. Cabinet Hardware: Full-size complete example of each specified unit.
2. Wheatboard: 12-inch-square.
3. Solid Surfacing Material: 12-inch-square sample.
4. Plastic Laminate: 2"x3".

- D. Certificates: Prior to delivery to Project site, submit WI Certified Compliance Certificate certifying Shop Drawings and products furnished for Project meet requirements of specified grades.

1.5 QUALITY ASSURANCE

A. Qualifications:

- 1. Fabricator: Secure Reinspection Service of Woodwork Institute (WI).

- B. Compliance Label: Each unit of architectural woodwork shall bear WI Certified Compliance Label indicating compliance with grade specified.

1.6 PRODUCT HANDLING

- A. General: Per Reference Standard and as specified.

- B. Delivery: Do not deliver casework until painting, finishing, and overhead work is complete in applicable spaces.

- C. Storage: Store casework with in project area, out of the way of other construction activities, at a relative humidity of 50 percent to 55 percent at 70 degrees F.

- D. Handling: Handle casework with care so as not to damage surfaces and edges or subject cases to stress.

1.7 PROJECT CONDITIONS

A. Coordination:

- 1. Prior to submission of shop drawings, coordinate requirements of equipment to be installed in casework such as signal system, communication system, sinks, and electrical outlets.

- 2. Conflicts: Identify any conflict between equipment and window and door trim and casework requirements on shop drawings.

- 3. Fabrication: Do not proceed until conflicts have been resolved.

PART 2 - PRODUCTS

2.1 MATERIALS

- 2
- A. Wheatboard: Kirei, or equal to match existing material, 3/4-inch thick with transparent finish to match existing material.

- B. Edge Banding: 1/4" thick solid maple edge banding. Secure with wood adhesive.

C. Solid Surfacing Material:

1. Manufacturers:

a. First Floor;

Wilsonart International, Solid Surfaces, or equal, homogenous sheet with methyl methacrylate binder. ½” thick unless otherwise shown. Bond parts with adhesive recommended by sheet manufacturer.

- 1) Color: Baja Melange #9030

b. Second Floor;

DuPont’s Corian, to match existing material, homogenous sheet with methyl methacrylate binder. ½” thick unless otherwise shown. Bond parts with adhesive recommended by sheet manufacturer.

- 1) Color: Adobe

D. Wood:

1. General: Except for hardwood and hardwood veneer, fire retardant treat wood, plywood, and particleboard used for Work of this Section.

2. Lumber:

- a. Softwood: Douglas fir, custom grade.

b. Hardwood:

- 1) Grade: Premium.
- 2) Species: Maple.
- 3) Finish: Transparent.

- c. Medium Density Fiberboard (MDF): Medite II, as manufactured by Medite Corporation or equal.

- 1) Fabricate without added urea-formaldehyde resins.

d. Particleboard:

- 1) General: Provide Resincore I, as manufactured by Rodman Industries or equal, complying with the following:
- 2) Fabricate from particleboard with phenol-based adhesives.

3) Plywood:

- a. Doug Fir Plywood: $\frac{3}{4}$ -inch thick (19mm) 15 ply veneer plywood with premium grade vertical grain Douglas fir face and back plies.

E. Plastic Laminate (vertical surfaces):

1. Manufacturer: Wilsonart International, or equal.
2. Color: Fusion Maple #7909-60.

F. Cabinet Hardware: Per Reference Standards and as follows:

1. Finish: US26D, unless otherwise specified.
2. Hinges:
 - a. Concealed: European style, all-metal construction, 170-degree minimum opening, self-closing.
 - b. Continuous: Stanley, or equal, 314-1/4, heavy-gauge brass, 1-1/2 inches wide unless otherwise shown.
 - c. Invisible: Universal Industrial Product Co.'s Soss 216, 218, and 220 Series, or equal, fully concealed hinge where no part is visible from either side in closed position. Operable to full 180-degree open. Cast brass or bronze.
 - d. Pivot: Stanley 327, or equal, top and bottom pivot set, polish pivot edges before finishing, one set per each door thicker than 1 inch.
3. Door and Drawer Pulls:
 - a. Type 1: EPCO No. MC-402-4 DC, or equal.
4. Locks:
 - a. General: 6-pin tumbler, dead bolt type.
 - b. Drawers: Schlage CL 2009-Series or equal, one per drawer.
 - c. Doors: Schlage CL1000-Series or equal, one per active door leaf.
 - d. Keying: Key locks in same room alike, key locks in different rooms different, unless otherwise directed. Furnish two change keys per lock and six master keys per system.

5. Drawer Slides:
 - a. Box Drawer: Accuride 3832 or equal, 100-pound capacity, full extension.
 - b. Flat File Drawer: Accuride 4034, or equal, 150-pound capacity, full extension.
 6. Supports for Adjustable Shelves in Casework:
 - a. Manufacturer: Haeefele or equal.
 - b. Description: Provide 4 rows of 5mm diameter holes, at 1-inch centers, full-height in every case shown to have adjustable shelves. Support each shelf on four Haeefele No. 282.24.722 nickel-plated zinc alloy plug-in supports with shelf-fixing lugs.
 - c. Contractor's Option: In lieu of above, provide four full-height Haeefele No. 283.05.017 nickel-plated steel shelf strips per case and four Haeefele No. 283.51.706 nickel-plated steel shelf supports per shelf. Surface mount shelf strips and notch shelves at each strip to provide lateral restraint.
 7. Miscellaneous Items: Provide following per WI Supplement No. 1 to Sections 14 and 15.
 - a. Magnetic catches.
 - b. Elbow catches.
 - c. File followers.
 - d. Glides.
- F. Fasteners:
1. General: As required by Reference Standard and recommended by manufacturer for intended use.
 2. Wood Screws: Cadmium-plated steel, sizes as shown.
 3. Sheet Metal Screws: Cadmium-plated steel, sizes as shown.
 4. Sheet Metal Angles: Fabricate angles from galvanized steel sheet, sizes and gauges as shown.
- G. Counter Supports: Custom fabricate from stainless steel as shown with joints welded and ground smooth and all sharp edges and corners eased and smooth.

2.2 FABRICATION

A. General:

1. Field Measurements: Verify dimensions and plumbness and trueness of wall or partition as required for proper fabrication of the Work.
2. Cut-outs: Insofar as possible, make cut-outs required to accommodate work of other Sections in shop.
3. Shop Fabrication: Shop-fabricate casework in whole units or in partial units as most practical for handling and transportation. Assemble partial units in place in such manner that each piece of casework becomes a unified whole visually and structurally. Fabricate fillers and scribe strips of same materials and finishes as cabinets with which they are associated.
4. Hardware: Make cuts for hardware neat and true. Install hardware and fit securely.
5. Adjustment: Adjust drawers, doors, and movable shelves to operate easily and smoothly without either binding or excessive play.
6. Back Painting: Surfaces of casework which are not exposed to view at any time and abut walls or floor shall be thoroughly back painted with one heavy coat of finishing material of fabricator's choice before leaving fabricator's shop.
7. End Panels, Filler Panels, and Closure Panels: Fabricate as shown from material specified for casework doors. Secure to casework and adjacent construction with concealed fasteners as shown.

B. Wheatboard Casework:

1. Applicable Standard: WI Section 14 - Wood Casework.
2. Grade: Premium.
3. Construction Style: Style A Frameless.
4. Construction Type: Type I.
5. Door and Drawer Front Style: Flush Overlay.
6. Cabinet Door and Banding Type: I.
7. Scribing: Flush with door faces and per Premium Grade regardless of specified casework grade.
8. Materials:
 - a. Exposed Surfaces: Wheatboard; with transparent finish

- b. Semi-Exposed Surfaces: Wheatboard; with transparent finish.
 - c. Edges: Specified edge banding.
 - C. Plastic Laminated Casework.
 - 1. General: Same as wheatboard casework except as follows:
 - 2. Materials:
 - a. Exposed Surfaces: Plastic Laminate.
 - b. Semi-Exposed Surfaces: Melamine, white.
 - c. Edges: Plastic Laminate to match face veneer.
 - D. Special Countertops:
 - 1. Solid Surfacing Material: Per Reference Standard, Premium Grade, and manufacturer's written instructions.

2.3 FINISHING

- A. General: Factory finish casework prior to delivery and installation per WI Section 25 - Factory Finishing of Architectural Millwork.
- B. Opaque Finish: WI System No. 7 Synthetic Enamel, special colors and sheen, as selected.
- C. Transparent Finish: WI System No. 3 Conversion Varnish, special stain or dye and sheen to match existing material.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verification of Conditions: Verify trueness of wall and floor substrates and adequacy of backing and support framing. Do not commence installation until conditions are satisfactory.

3.2 PREPARATION

- A. General: Remove casework from its crates or protective wrappings as near site of installation as possible.

3.3 INSTALLATION

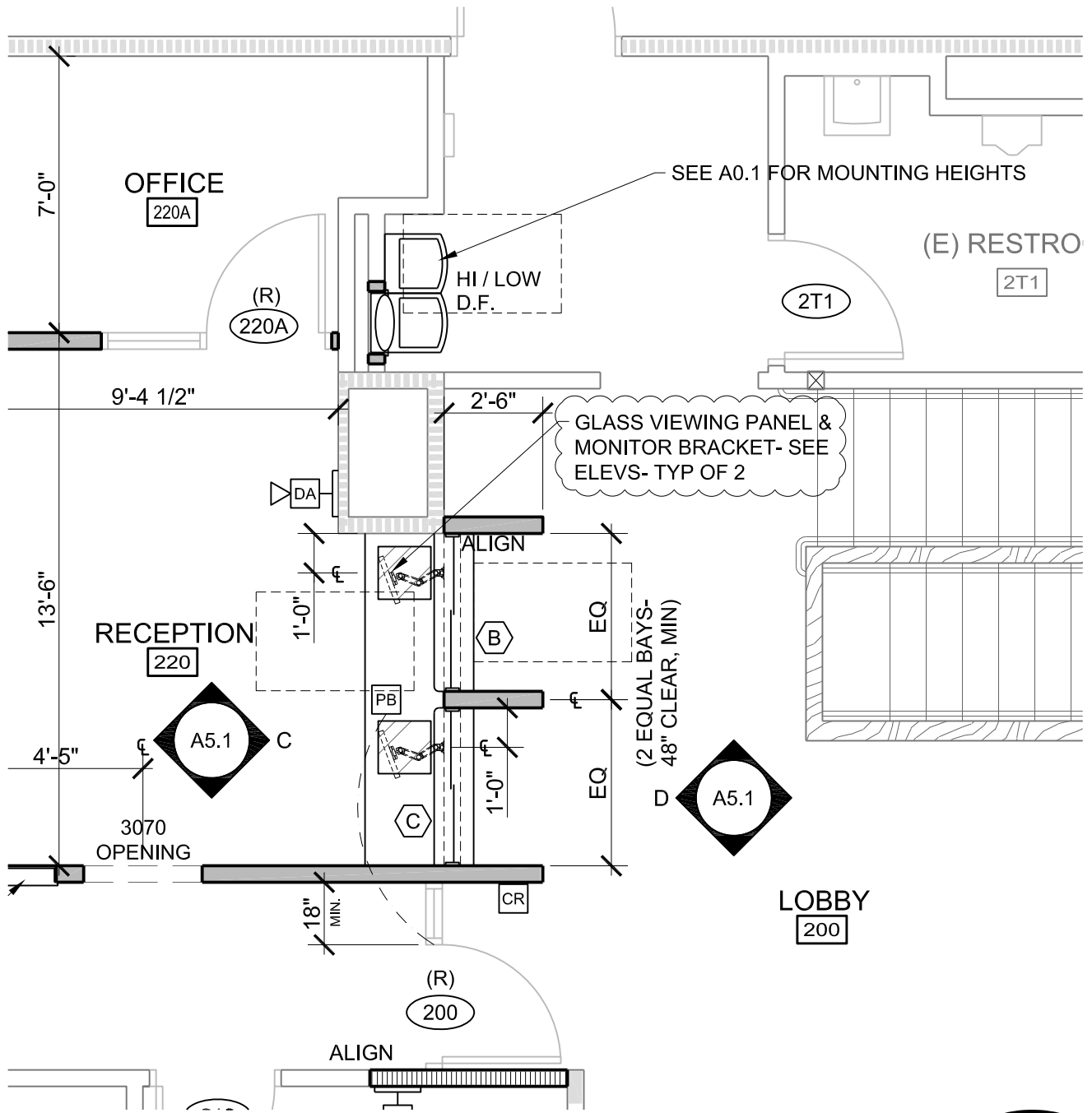
- A. General: Comply with WI Section 26 - Installation of Architectural Millwork. Install casework plumb and level; shim as necessary with concealed shims; accurately scribe and closely fit faceplates, filler strips, and trim strips to irregularities of adjacent surfaces.
- B. Maximum Allowable Gap: 1/16-inch.
- C. Casework Tops: Install so that they will lie in one plane, without gaps between tops and casework.
- D. Closure: Install as shown with tight hairline butt joints between panels.
- E. Backing Plates and Blocking: Secure casework to structural backing with fasteners as shown.
- F. Wall-Mounted Adjustable Shelves: Secure shelf support system standards to backing plates. Secure shelves to shelf rests of knife brackets of shelf support system with wood screws.
- G. Holes and Cut-Outs: Except those made in shop, make required holes and cutouts in casework as required for pipes, conduits, and other penetrations, or inserts provided as part of work of other Sections. Make provisions for access to plumbing valves and cleanouts, and connection of electrical work.
- H. Hardware Installation: Install auxiliary items after final finishing has been completed. Install hinges to fit snugly, flat in mortises or on surfaces. Turn screws to a flat seat.
- I. Grommets: Install in locations as directed in field by University's Representative.
- J. Anchoring and Fastening Devices: Provide as required by Work of this Section for installation, including wood and sheet metal screws, bolts, toggle bolts, lag screws and expansion shields, among others.

3.4 ADJUSTING AND CLEANING

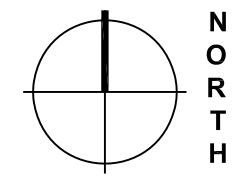
- A. Defective Work: Touch-up, refinish, or replace damaged, stained, scratched, or otherwise disfigured portions of the Work to satisfaction of Architect.
- B. Cleaning: After installation, wipe finished surfaces to remove marks of handling, clean and polish hardware in accordance with manufacturer's recommendations, and leave in clean condition.
- C. Protection: Protect casework against damage until Work is accepted.

END OF SECTION 06411

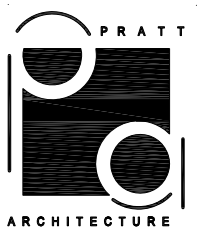
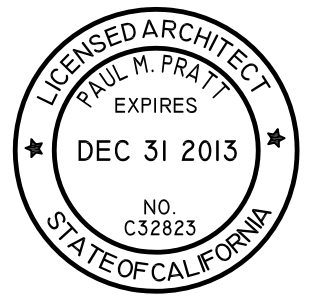
P:\AA Facilities\UCM\12003- Health Center Remodel\A2.2.2 Floor Plan 2_12003.dwg 8-20-12 09:01:19 AM jeff.rossi



PARTIAL FLOOR PLAN



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



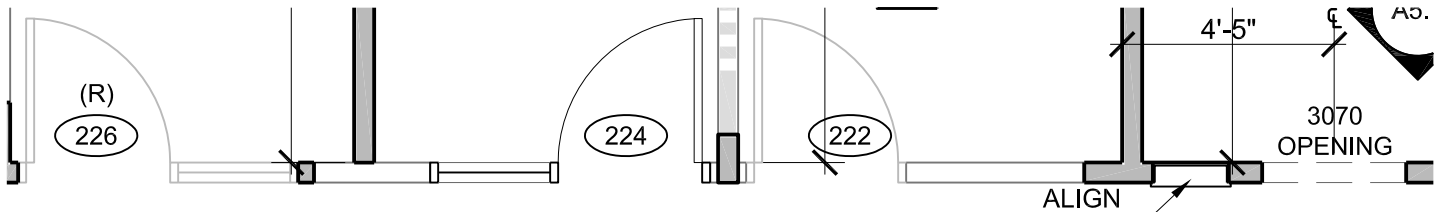
UC Merced
 WELLNESS CENTER
 REMODEL
 UCM PROJECT #: 907432

REFERENCE DRAWING: A2.2.2
 TITLE:
 BID ADDENDUM 01
 RECEPTION 220-
 FLOOR PLAN

PROJECT #: 12003
 DATE: August 06, 2012
 SHEET NO:

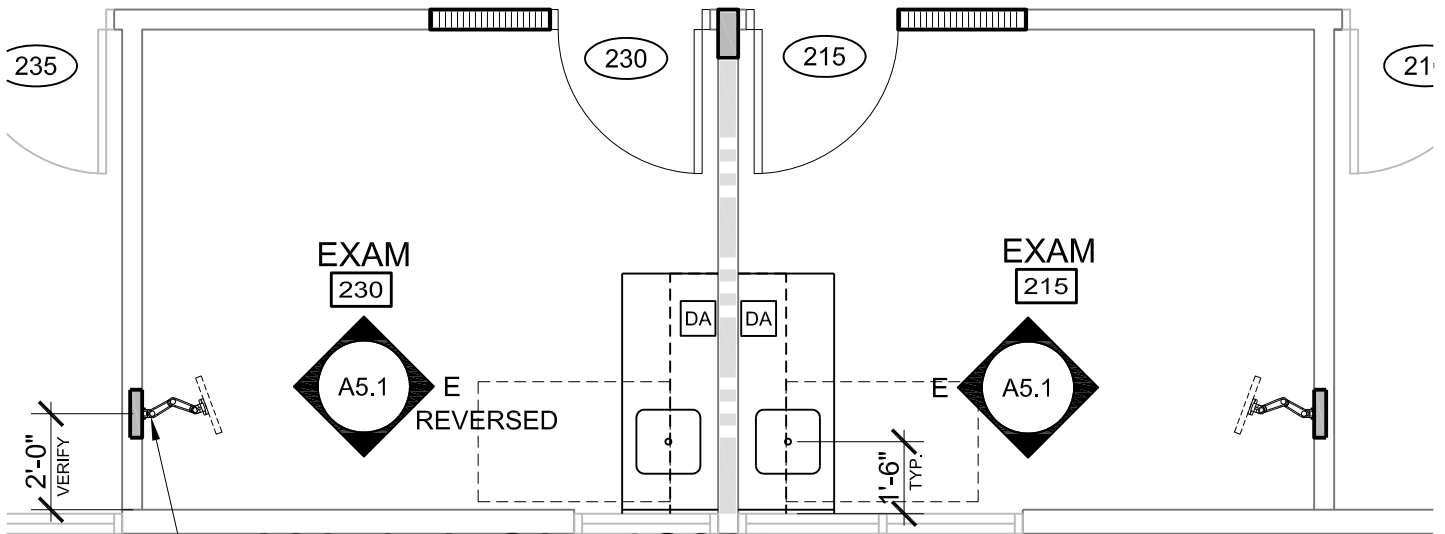
SK.1

P:\AA Facilities\UCM\12003- Health Center Remodel\A2.2.2 Floor Plan 2_12003.dwg 8-20-12 09:05:26 AM jeff.rossi

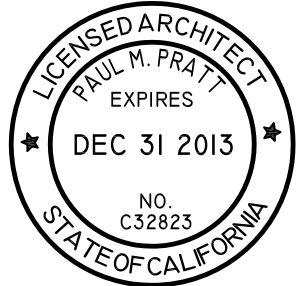
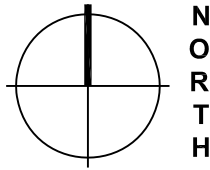


3" CLEAR SPACE- TYP.

"CARDIAC SCIENCE"-
SEMI-RECESSED AED CABINET.
MOUNT AT 40" AFF TO CENTER
OF HANDLE.



"GCX" 37" POLY MT. CHANNEL & 8x8 M-SERIES
PIVOT ARM- INSTALL PER OPA -1665-07. PATCH
& REPAIR WALL. PROVIDE KEYBD, PRINTER &
CPU TRAY OPTIONS- INSTALL w/ SAME
DIMENSIONAL PROPERTIES &
CONFIGURATION AS EXISTING ASSEMBLIES.
(TYP OF 2)



PARTIAL FLOOR PLAN

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



UC Merced
WELLNESS CENTER
REMODEL
UCM PROJECT #: 907432

REFERENCE DRAWING: A2.2.2
TITLE:
BID ADDENDUM 01
EXAMS 215 & 230
FLOOR PLAN

PROJECT #: 12003
DATE: August 06, 2012
SHEET NO:

SK.2

IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT - SCALE ACCORDINGLY.

SYMBOLS LIST

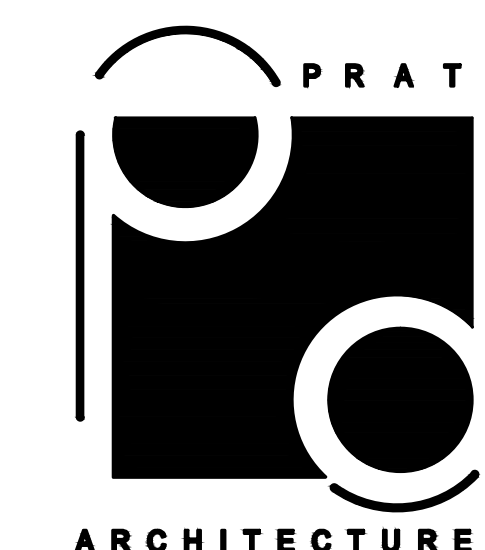
SOME OF THESE SYMBOLS SHOWN MAY NOT BE USED ON THIS PROJECT

University of California Merced, California

PROJECT:

WELLNESS CENTER REMODEL

UCM PROJECT #: 907432



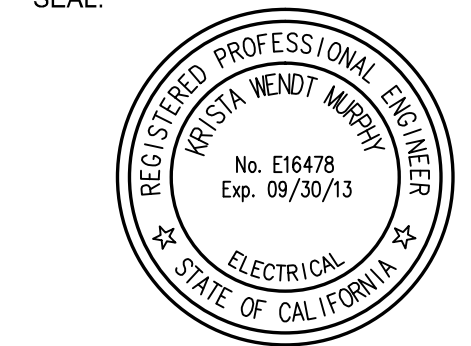
1207 13th STREET, SUITE #6
MODOESTO, CA 95354
209.484.2880

CONSULTANT:



Affiliated Engineers W, Inc.
123 Mission Street, 7th Floor
San Francisco, California 94105
Tel 415.764.3700 Fax 415.764.3701

SEAL:



AGENCY APPROVALS:

UNIVERSITY OF CALIFORNIA
MERCED
FIRE MARSHAL
Approval of this plan does not authorize or approve
any omission or deviation from applicable
regulations.
Final approval is subject to field inspection
One set of approved plans shall be available on the
Project site at all times.

Reviewed by: _____
Date: _____
UCM Project #: 907432

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
FILE NO. 01-UC MERCED
APPL. NO. 01-112735
AC FLS SS

DATE:

DRAWING STAGE:

100%
CONSTRUCTION DOCUMENTS

PLOT DATE: August 23, 2012

ISSUED:
JUNE 15, 2012
JULY 9, 2012
JULY 9, 2012
AUGUST 6, 2012

PROJECT # 12003

PERMIT #: 01-112735

DRAWN: AEI CHECKED: PMP

SHEET TITLE:

ELECTRICAL SYMBOLS AND ABBREVIATIONS

SHEET NO:

E-0.0

LIGHTING symbols table including fluorescent fixtures, incandescent fixtures, exit signs, and emergency battery packs.

POWER symbols table including main switchboards, panelboards, electric motors, and various outlets.

POWER symbols table including bolted pressure switches, circuit breakers, transformers, and surge arrestors.

RACEWAYS symbols table including conduit runs, flexible metallic conduit, and raceway types.

CIRCUITING NOTES section with numbered list of general and specific circuiting instructions.

POWER symbols table (continued) including package controllers, combination starters, and toggle switches.

CONVENTIONS section detailing numbered notes, sheet references, and fixture identification tags.

ABBREVIATIONS section listing symbols for amperes, fire alarm panels, and various electrical components.

SIGNAL symbols table including terminal boards, pay telephones, and security devices.

POWER symbols table (continued) including exhaust fan switches, key operated switches, and lighting control stations.

CONVENTIONS section (continued) including switchboards, distribution boards, and transformer designations.

ABBREVIATIONS section (continued) listing symbols for fire alarm data, fire alarm junction boxes, and fire alarm control panels.

FIRE ALARM symbols table including smoke detectors, heat detectors, and fire alarm manual pull stations.

GENERAL NOTES section with numbered list of requirements for new lighting fixtures and equipment.

GENERAL DEMOLITION NOTES section with numbered list of requirements for removing conduits, boxes, and equipment.

DRAWING INDEX section listing drawing numbers and titles for electrical symbols and abbreviations.

FIRE ALARM symbols table (continued) including fire alarm remote relays, sprinkler system flow switches, and door closure devices.

GENERAL NOTES section (continued) with additional requirements for lighting fixtures and equipment.

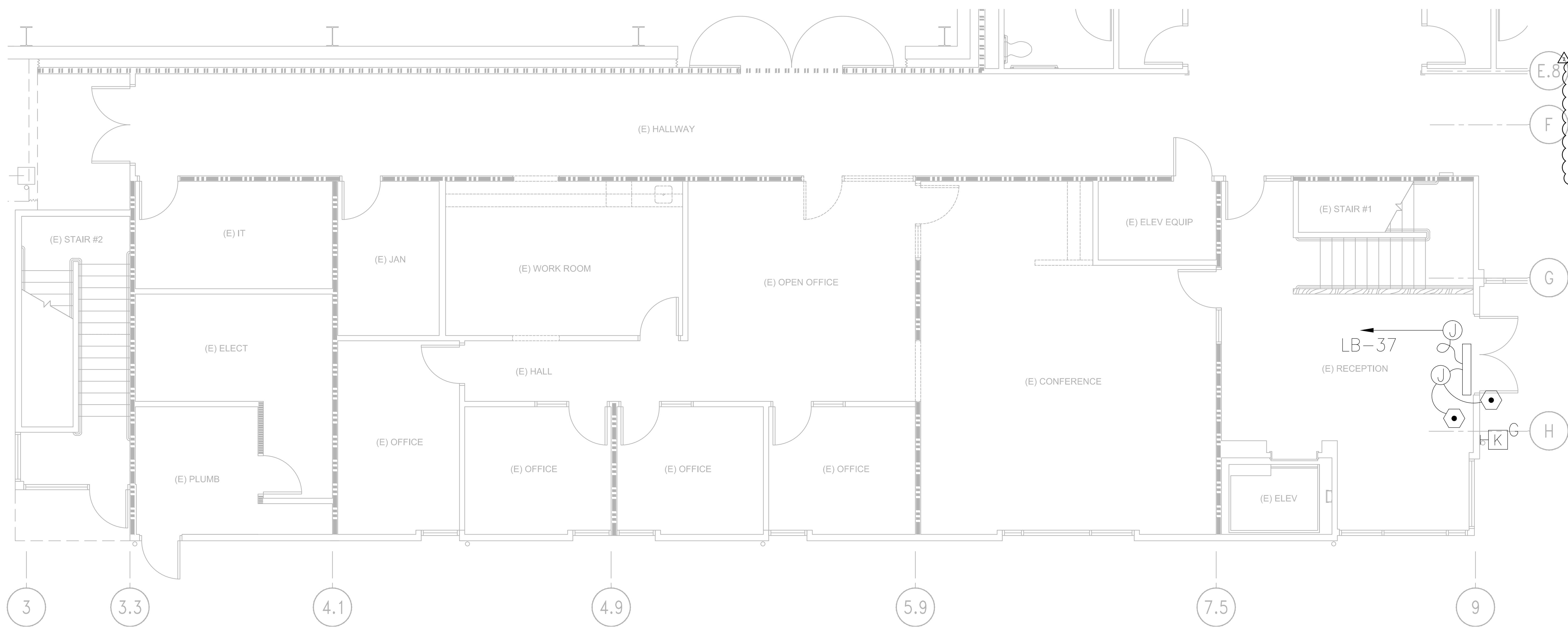
GENERAL DEMOLITION NOTES section (continued) with additional requirements for demolition work.

DRAWING INDEX section (continued) listing drawing numbers and titles for electrical symbols and abbreviations.

\\vederg\lan\proj\info\2010\10390-08\15 Drawings\Electrical\Sheet\ED-0.dwg 8-23-12 12:54:37 PM adscieene

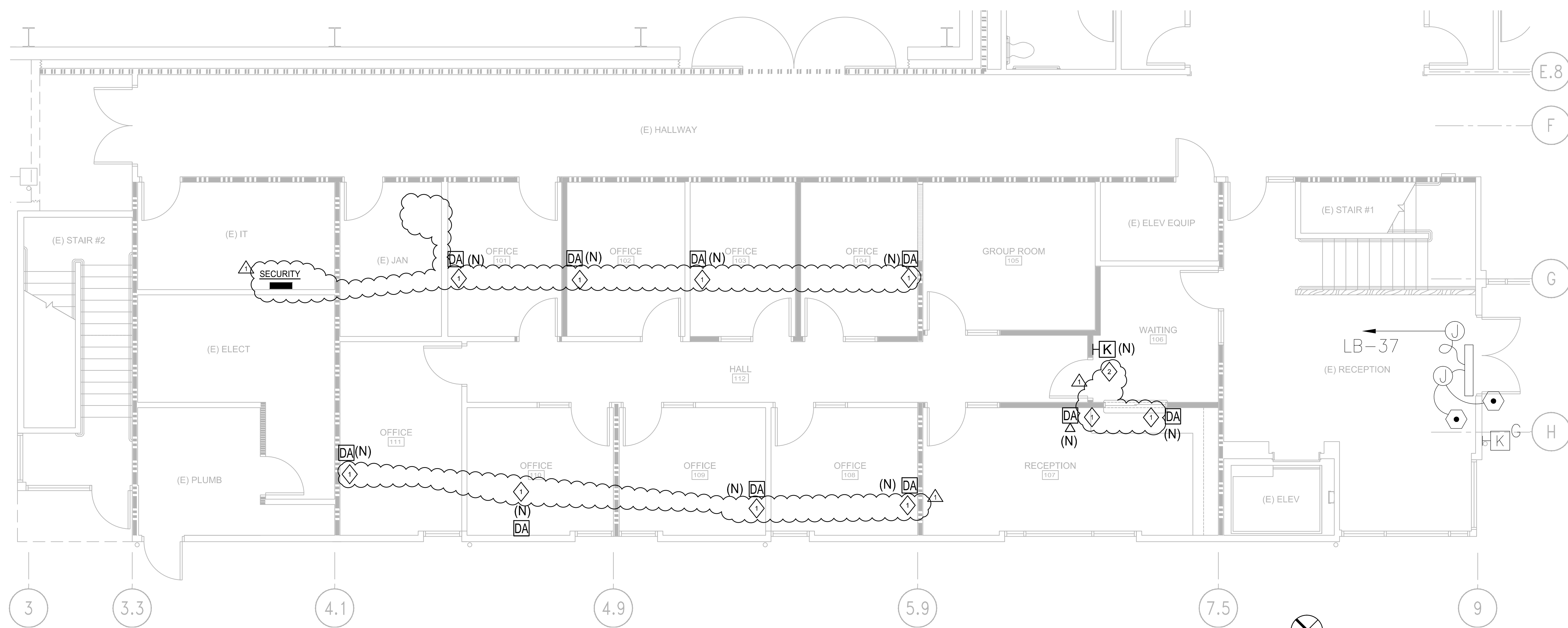
IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT - SCALE ACCORDINGLY.

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PARTIAL FIRST FLOOR ELECTRICAL SECURITY DEMOLITION PLAN

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



PARTIAL FIRST FLOOR ELECTRICAL SECURITY PROPOSED PLAN

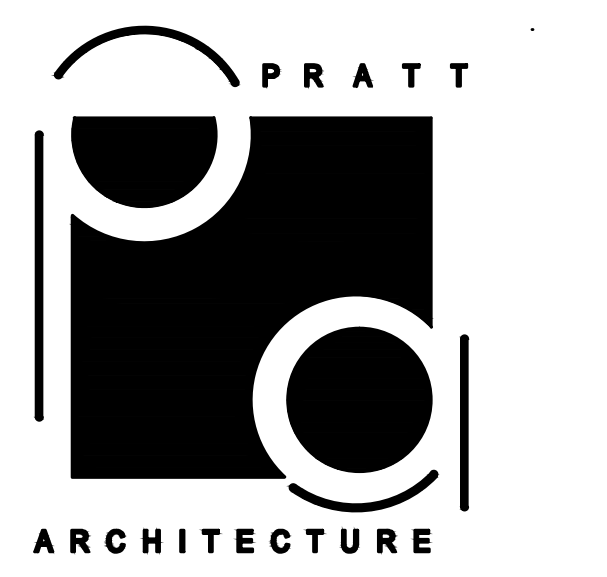
PROJECT NORTH
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. ALL EQUIPMENT IS EXISTING, UNLESS OTHERWISE NOTED.
2. FOR ALL SECURITY DEVICES, PROVIDE 3/4" CONDUIT STUB UP TO CEILING AND CABLE BACK TO SECURITY PANEL.
3. SECURITY WIRES MUST BE LABELED AT BOTH ENDS WITH DOOR NUMBER AND DEVICE TYPE. FOR EXAMPLE DOOR #XXX - LOCK.
4. AT THE DOOR PROVIDE 2" STUB OUT OF JUNCTION BOX, AT DOOR HINGE AND AT DOOR HEADER.
5. AT THE HEAD END PROVIDE WIRE SUCH THAT IT CAN REACH THE FLOOR FROM THE SECURITY CAN.
6. CONTRACTOR TO FURNISH AND INSTALL BACK BOX, CONDUIT AND WIRE. UNIVERSITY TO PROVIDE SECURITY DEVICES TO BE INSTALLED BY CONTRACTOR.

SHEET NOTES:

1. PROVIDE 22/4 SECURITY WIRE FROM DURESS ALARM BUTTON BACK TO SECURITY CAN.
2. PROVIDE 18/2 SECURITY WIRE FROM LOCK, 22/4 SECURITY WIRE FROM READER, 22/4 SECURITY WIRE FROM CONTACT AND 22/8 SECURITY WIRE FROM READER BACK TO SECURITY CAN.



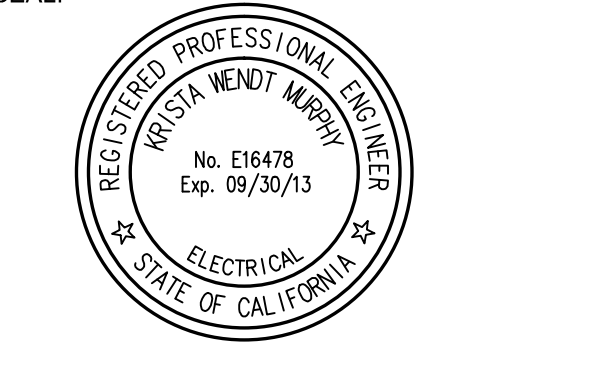
1207 13th STREET, SUITE #6
MODOESTO, CA 95354
209.484.2880

CONSULTANT:



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123 Mission Street, 7th Floor
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Tel 415.764.3700 Fax 415.764.3701

SEAL:



AGENCY APPROVALS:

UNIVERSITY OF CALIFORNIA
MERCED
FIRE MARSHAL

Approval of this plan does not authorize or approve any omission or deviation from applicable regulations.

Final approval is subject to field inspection. One set of approved plans shall be available on the Project site at all times.

Reviewed by: _____
Date: _____
UCM Project #: 907432

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
FILE NO. 01-UC MERCED
APPL. NO. 01-112735
AC _____ FLS _____ SS _____
DATE: _____

DRAWING STAGE:

100%
CONSTRUCTION DOCUMENTS

PLOT DATE: August 23, 2012

ISSUED:
JUNE 15, 2012
JULY 9, 2012
AUGUST 6, 2012

PROJECT # 12003

PERMIT #: 01-112735

DRAWN: AEI CHECKED: PMP

SHEET TITLE:

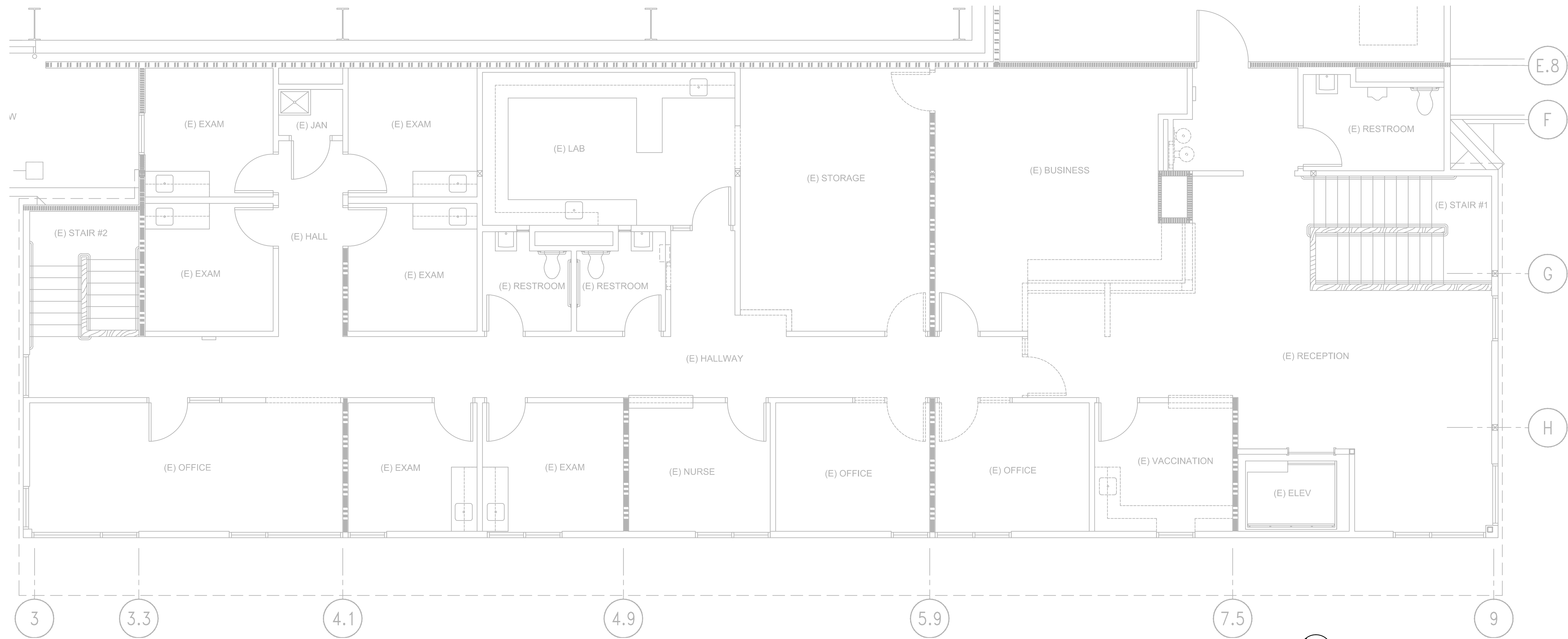
ELECTRICAL SECURITY PLAN LEVEL 1

SHEET NO:

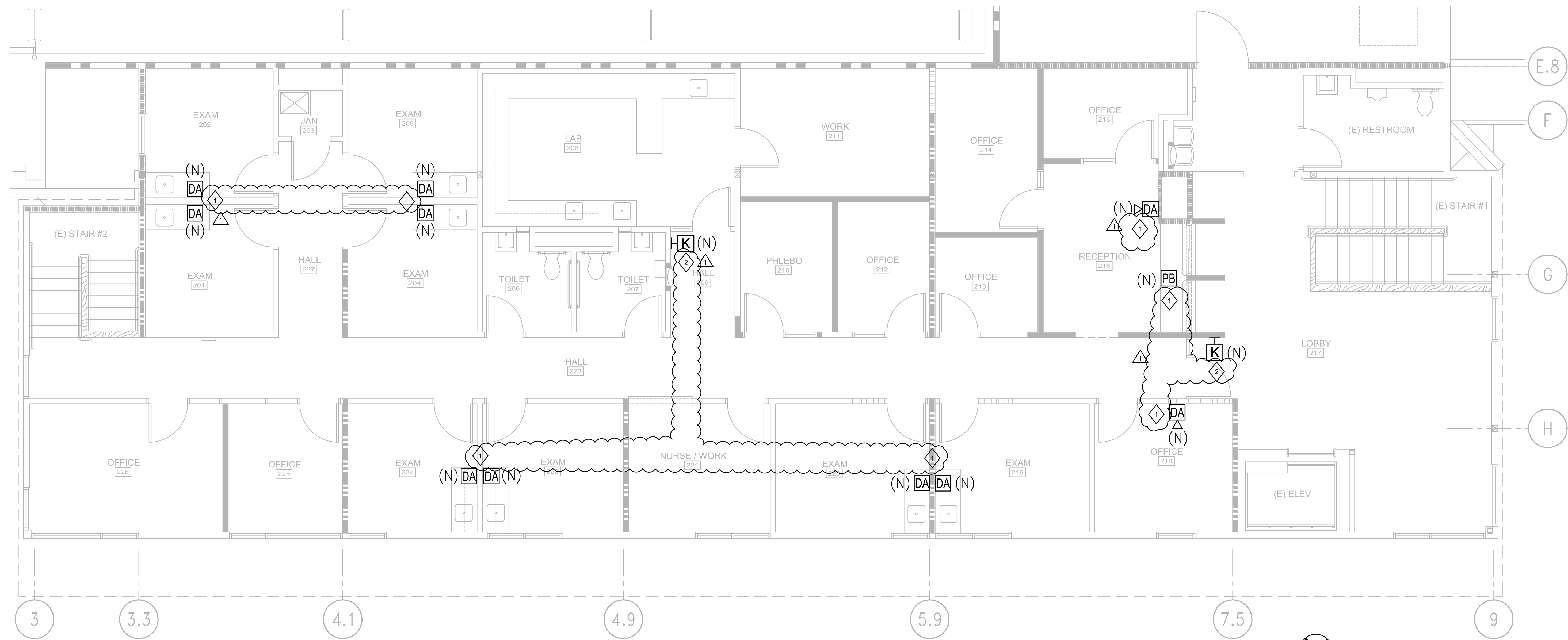
E-5.1

IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT - SCALE ACCORDINGLY

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PARTIAL SECOND FLOOR ELECTRICAL SECURITY DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



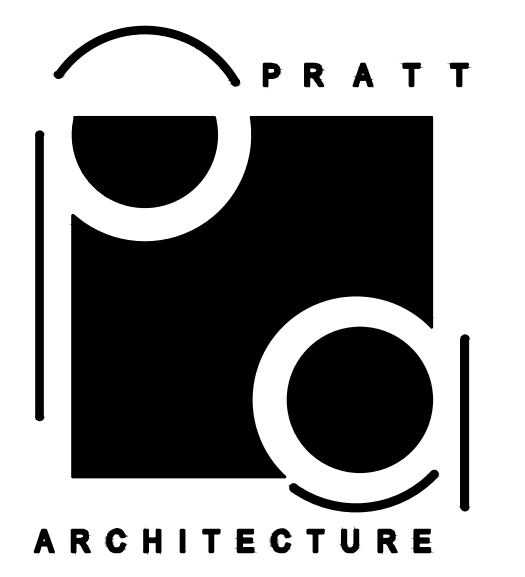
PARTIAL SECOND FLOOR ELECTRICAL SECURITY PROPOSED PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. ALL EQUIPMENT IS EXISTING, UNLESS OTHERWISE NOTED.
2. FOR ALL SECURITY DEVICES, PROVIDE 3/4" CONDUIT STUB UP TO CEILING AND CABLE BACK TO SECURITY PANEL.
3. SECURITY WIRES MUST BE LABELED AT BOTH ENDS WITH DOOR NUMBER AND DEVICE TYPE. FOR EXAMPLE DOOR #XXX - LOCK.
4. AT THE DOOR PROVIDE 2" STUB OUT OF JUNCTION BOX, AT DOOR HINGE AND AT DOOR HEADER.
5. AT THE HEAD END PROVIDE WIRE SUCH THAT IT CAN REACH THE FLOOR FROM THE SECURITY CAN.
6. CONTRACTOR TO FURNISH AND INSTALL BACK BOX, CONDUIT AND WIRE. UNIVERSITY TO PROVIDE SECURITY DEVICES TO BE INSTALLED BY CONTRACTOR.

SHEET NOTES:

1. PROVIDE 22/4 SECURITY WIRE FROM DURESS ALARM BUTTON BACK TO SECURITY CAN.
2. PROVIDE 18/2 SECURITY WIRE FROM LOCK, 22/4 SECURITY WIRE FROM CONTACT AND 22/8 SECURITY WIRE FROM READER BACK TO SECURITY CAN.



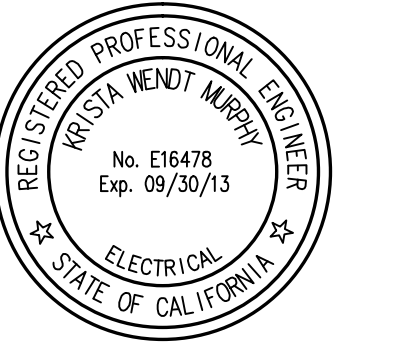
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209.484.2880

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123 Mission Street, 7th Floor
San Francisco, California 94105
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SEAL:



AGENCY APPROVALS:

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MERCED
FIRE MARSHAL
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Date: _____
UCM Project #: 907432

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
FILE NO. 01-UC MERCED
APPL. NO. 01-112735
AC FLS SS
DATE: _____

DRAWING STAGE:

100%
CONSTRUCTION DOCUMENTS

PLOT DATE: August 23, 2012

ISSUED:
 ▲ DSA-BC-1 JULY 9, 2012
 ▲ BID ADDENDUM AUGUST 6, 2012

PROJECT # 12003

PERMIT # 01-112735

DRAWN: AEI CHECKED: PMP

SHEET TITLE:

ELECTRICAL SECURITY PLAN LEVEL 2

SHEET NO:

E-5.2



EASE
 EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING
 2801 Connery Way, Suite B
 Missoula, MT 59808
 Phn: (406) 541-EASE (3273) Fax: (406) 541-3274

Office of Statewide Health Planning and Development
 ANCHORAGE PRE-APPROVAL

OPA-0697-07

Equipment Manufacturer: GCX Corporation

Equipment Type: 19" GCX Poly Mount with M, VHM & VB Arms


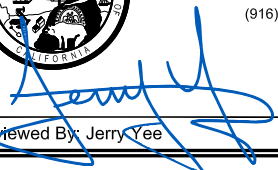
GENERAL NOTES

1. FORCES PER ASCE 7-05 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3, WHERE $S_{DS} = 1.93$, $a_p = 2.5$, $I_p = 1.5$ & $R_p = 2.5$
2. THIS PRE-APPROVAL CONFORMS TO THE 2007 CALIFORNIA BUILDING CODE.
3. THE DETAILS IN THIS PRE-APPROVAL MAY BE USED AT ANY HEIGHT AND AT ANY LOCATION IN THE STATE OF CALIFORNIA.
4. ALL ANCHOR FORCES SHOWN ON THE DRAWINGS ARE WORKING LOADS (AS OPPOSED TO STRENGTH LEVEL LOADS) AND MAY BE USED FOR ALLOWABLE STRESS DESIGN.
5. SHEET METAL SCREWS SHALL BE TEKS SCREWS BY ITW BUILDEX (ICC ESR-1976).
6. THIS PRE-APPROVAL COVERS THE ANCHORAGE OF THE UNIT ONLY.

RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD

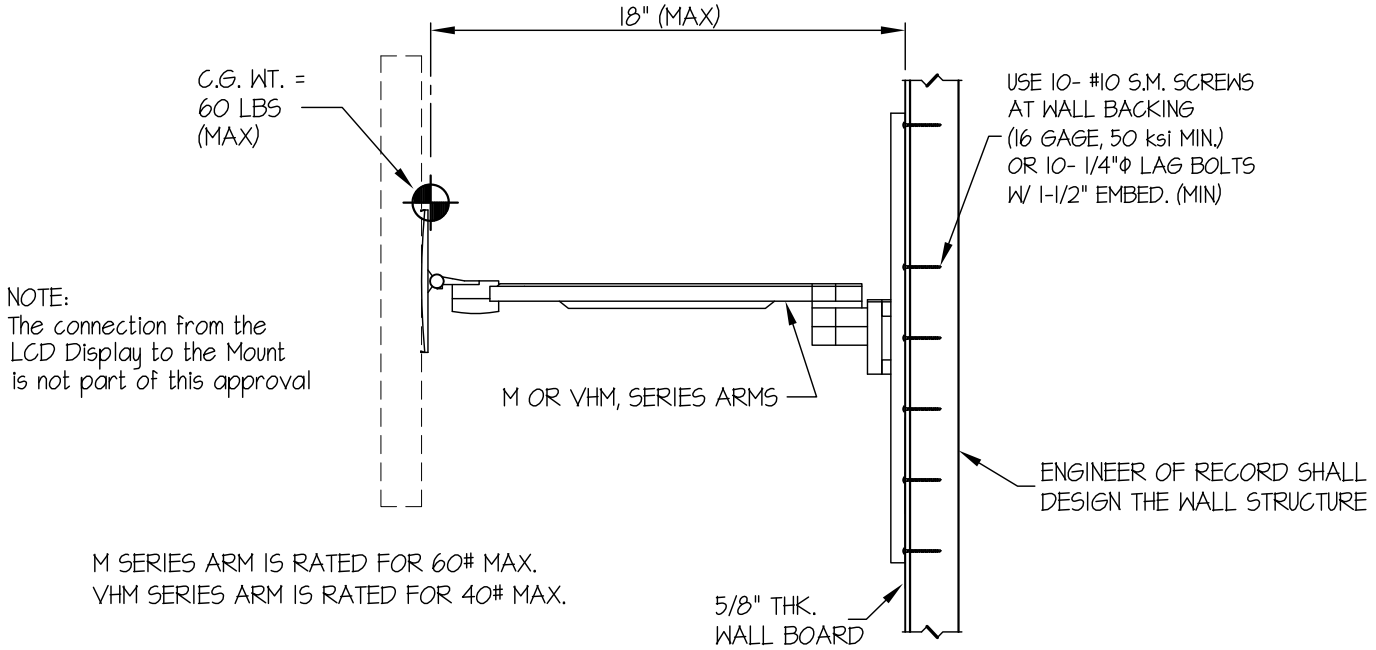
7. DESIGN BACKING BARS, STUDS, ETC. WHICH THE UNITS ARE ATTACHED TO AS NOTED ON THE DRAWINGS. THE SEOR SHALL ALSO VERIFY THE ADEQUACY OF THE STRUCTURES (SUCH AS WALLS AND FLOORS) WHICH SUPPORT THE UNITS FOR THE LOADS IMPOSED ON THEM BY THE UNITS AS WELL AS ALL OTHER LOADS.
8. PROVIDE ANY SUPPORTING STRUCTURE REQUIRED TO SUPPORT WEIGHTS AND FORCES SHOWN, IN ADDITION TO ALL OTHER LOADS.
9. VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2007 CBC AND WITH THE DETAILS SHOWN IN THIS PRE-APPROVAL. VERIFY THAT THE ACTUAL EQUIPMENT'S WEIGHT, CG LOCATION, ANCHOR LOCATIONS, ANCHOR DETAILS AND THE MATERIAL AND GAGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SHOWN ON THE PRE-APPROVAL DOCUMENTS.



A P P R O V E D	
Fixed Equipment Anchorage Office of Statewide Health Planning and Development	
	OPA-0697-07
Pre-approval Program Manager: Anthony R. Pike (916) 440-8470	
	
Reviewed By: Jerry Yee	1/19/10

EASE EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING www.equipmentanchorage.com	DES. R. LA BRIE	SHEET 2
	JOB NO. 11-0789	OF 3 SHEETS
	DATE 1/19/10	
GCX CORPORATION		
19" GCX POLY MOUNT with M & VHM ARMS		

SEISMIC ANCHORAGE



ELEVATION

T_{MAX} = 74 LBS/BOLT
 V_{MAX} = 98 LBS/BOLT

NOTES:

- ANCHORAGE DESIGN PER 2007 CALIFORNIA BUILDING CODE - SECTION 1613A AND ASCE 7-05 SECTIONS 12 AND 13. ALLOWABLE STRESS DESIGN IS USED.
 HORIZONTAL FORCE (E_h) = 2.43 W_p (S_{DS} = 1.93, a_p = 2.5, I_p = 1.5, R_p = 2.5)
 VERTICAL FORCE (E_v) = 0.27 W_p
- CENTER OF GRAVITY (C.G.) WEIGHT IS A MAXIMUM. THIS PRE-APPROVAL ENCOMPASSES ALL WEIGHTS UP TO THE MAXIMUM WEIGHT SHOWN.
- ENGINEER OF RECORD FOR THE BUILDING SHALL PROVIDE SUPPORT STRUCTURE DESIGNED TO SUPPORT WEIGHTS AND FORCES SHOWN, IN ADDITION TO ALL OTHER LOADS.
- SEE GENERAL NOTES: SHEET 1



A P P R O V E D
 Fixed Equipment Anchorage
 Office of Statewide Health Planning and Development

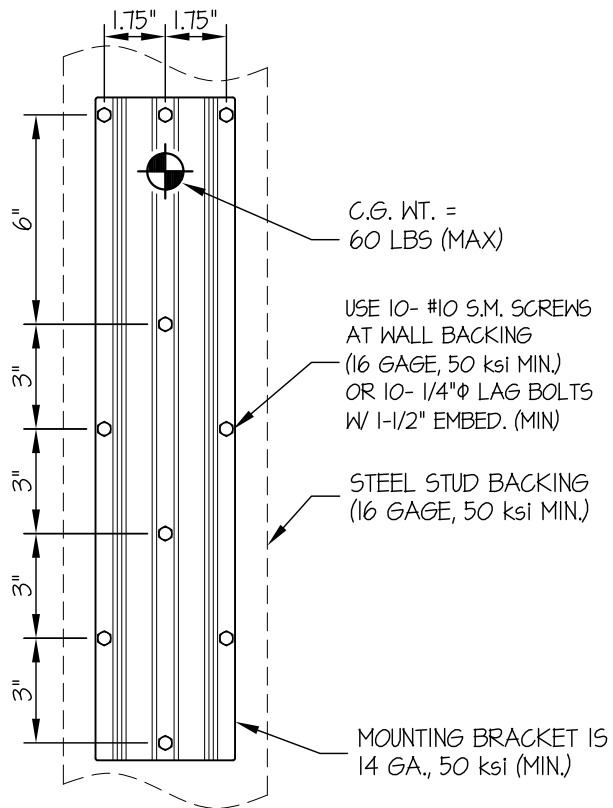
OPA-0697-07

Pre-approval Program Manager:
 Anthony R. Pike
 (916) 440-8470

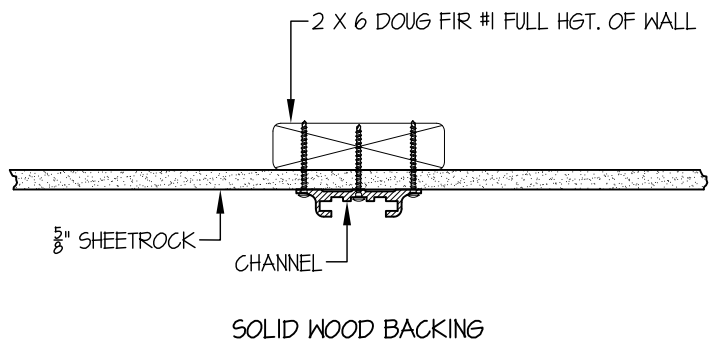
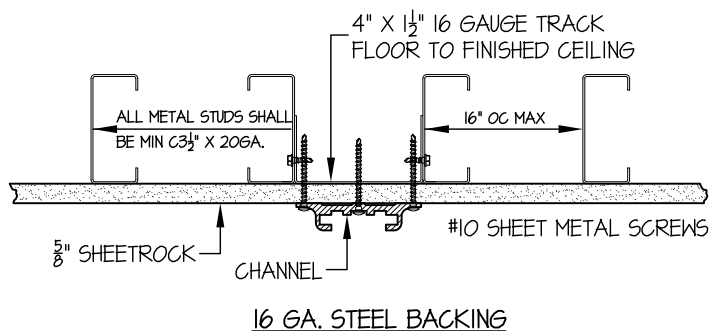
Reviewed By: *Jerry Yee* 1/19/10

EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING www.equipmentanchorage.com	DES. R. LA BRIE	SHEET 3	
	GCX CORPORATION	JOB NO. 11-0789	OF 3
	19" GCX POLY MOUNT with M & VHM ARMS	DATE 1/19/10	SHEETS

SEISMIC ANCHORAGE



PLAN AT WALL PLATE



A P P R O V E D Fixed Equipment Anchorage Office of Statewide Health Planning and Development	
	OPA-0697-07 Pre-approval Program Manager: Anthony R. Pike (916) 440-8470
Reviewed By: Jerry Yee	1/19/10



EASE
EQUIPMENT ANCHORAGE & SEISMIC ENGINEERING
 2801 Connery Way, Suite B
 Missoula, MT 59808
 Phn: (406) 541-EASE (3273) Fax: (406) 541-3274

Office of Statewide Health Planning and Development
ANCHORAGE PRE-APPROVAL

OPA-1665-07

Equipment Manufacturer: GCX Corporation

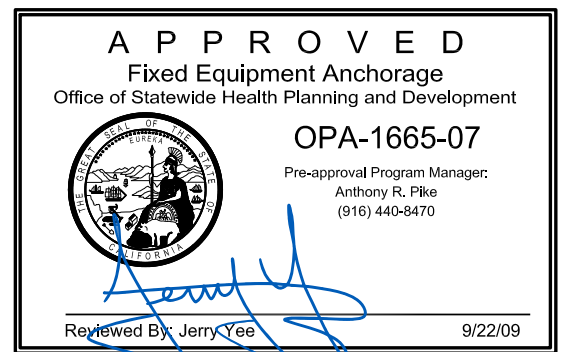
Equipment Type: VHC Wall Mount

GENERAL NOTES

1. FORCES PER ASCE 7-05 SECTION 13.3.1, EQUATIONS 13.3-1, 13.3-2 & 13.3-3, WHERE $S_{DS} = 1.93$, $a_p = 2.5$, $I_p = 1.5$ & $R_p = 2.5$
2. THIS PRE-APPROVAL CONFORMS TO THE 2007 CALIFORNIA BUILDING CODE.
3. THE DETAILS IN THIS PRE-APPROVAL MAY BE USED AT ANY HEIGHT AND AT ANY LOCATION IN THE STATE OF CALIFORNIA.
4. ALL ANCHOR FORCES SHOWN ON THE DRAWINGS ARE WORKING LOADS (AS OPPOSED TO STRENGTH LEVEL LOADS) AND MAY BE USED FOR ALLOWABLE STRESS DESIGN.
5. SHEET METAL SCREWS SHALL BE TEKS SCREWS BY ITW BUILDEX (ICC ESR-1976).
6. PER CAN 2-1708A.5, THIS UNIT DOES NOT REQUIRE "SPECIAL SEISMIC CERTIFICATION".

RESPONSIBILITIES OF THE STRUCTURAL ENGINEER OF RECORD

7. DESIGN BACKING BARS, STUDS, ETC. WHICH THE UNITS ARE ATTACHED TO AS NOTED ON THE DRAWINGS. THE SEOR SHALL ALSO VERIFY THE ADEQUACY OF THE STRUCTURES (SUCH AS WALLS AND FLOORS) WHICH SUPPORT THE UNITS FOR THE LOADS IMPOSED ON THEM BY THE UNITS AS WELL AS ALL OTHER LOADS.
8. PROVIDE ANY SUPPORTING STRUCTURE REQUIRED TO SUPPORT WEIGHTS AND FORCES SHOWN, IN ADDITION TO ALL OTHER LOADS.
9. VERIFY THAT THE INSTALLATION IS IN CONFORMANCE WITH THE 2007 CBC AND WITH THE DETAILS SHOWN IN THIS PRE-APPROVAL. VERIFY THAT THE ACTUAL EQUIPMENT'S WEIGHT, CG LOCATION, ANCHOR LOCATIONS, ANCHOR DETAILS AND THE MATERIAL AND GAGE OF THE UNIT WHERE ATTACHMENTS ARE MADE AGREE WITH THE INFORMATION SHOWN ON THE PRE-APPROVAL DOCUMENTS.



GCX CORPORATION

VHC WALL MOUNT

DES. **R. LA BRIE**

JOB NO. **11-0789**

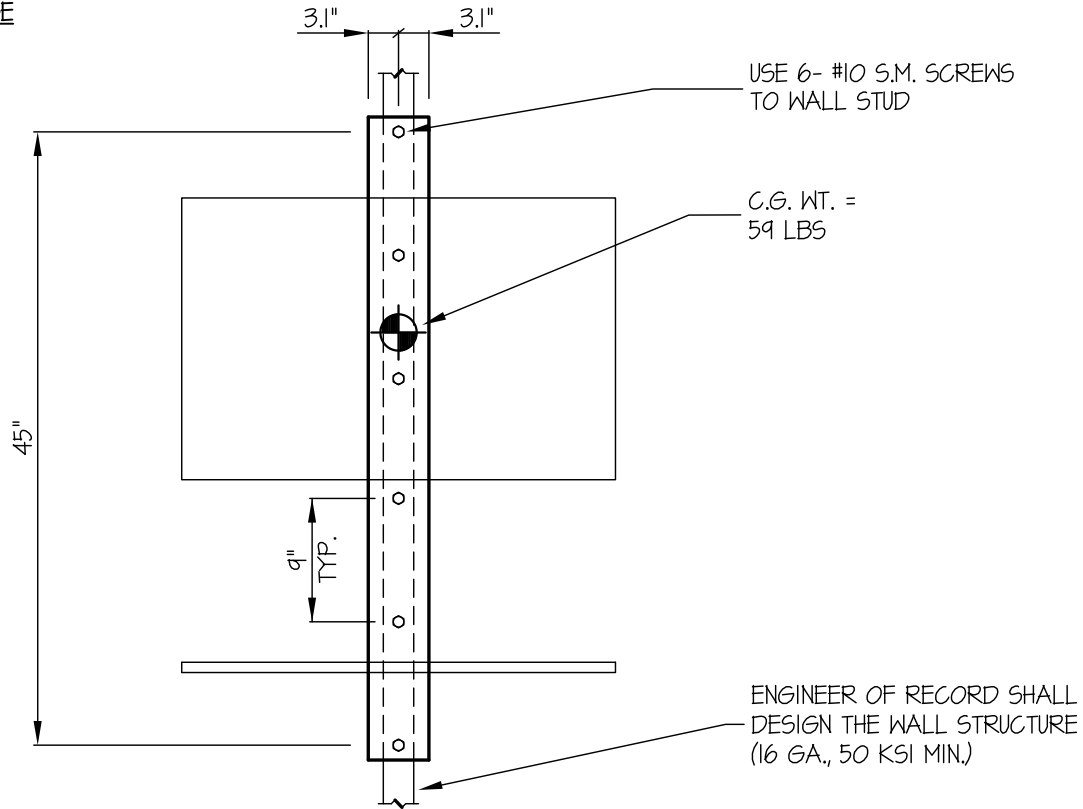
DATE **5/8/09**

SHEET

2

OF **3** SHEETS

SEISMIC ANCHORAGE



PLAN AT WALL PLATE

NOTES:

1. ANCHORAGE DESIGN PER 2007 CALIFORNIA BUILDING CODE - SECTION 1613A AND ASCE 7-05 SECTIONS 12 AND 13. ALLOWABLE STRESS DESIGN IS USED.

HORIZONTAL FORCE (E_H) = $2.43 W_p$ ($S_{DS} = 1.93, a_p = 2.5, I_p = 1.5, R_p = 2.5$)

VERTICAL FORCE (E_V) = $0.27 W_p$

2. CENTER OF GRAVITY (C.G.) WEIGHT IS A MAXIMUM. THIS PRE-APPROVAL ENCOMPASSES ALL WEIGHTS UP TO THE MAXIMUM WEIGHT SHOWN.

3. ENGINEER OF RECORD FOR THE BUILDING SHALL PROVIDE SUPPORT STRUCTURE DESIGNED TO SUPPORT WEIGHTS AND FORCES SHOWN, IN ADDITION TO ALL OTHER LOADS.

4. SEE GENERAL NOTES: SHEET 1

$T_{MAX} = 125$ LBS/SCREW

$V_{MAX} = 60$ LBS/SCREW



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 Fixed Equipment Anchorage
 Office of Statewide Health Planning and Development

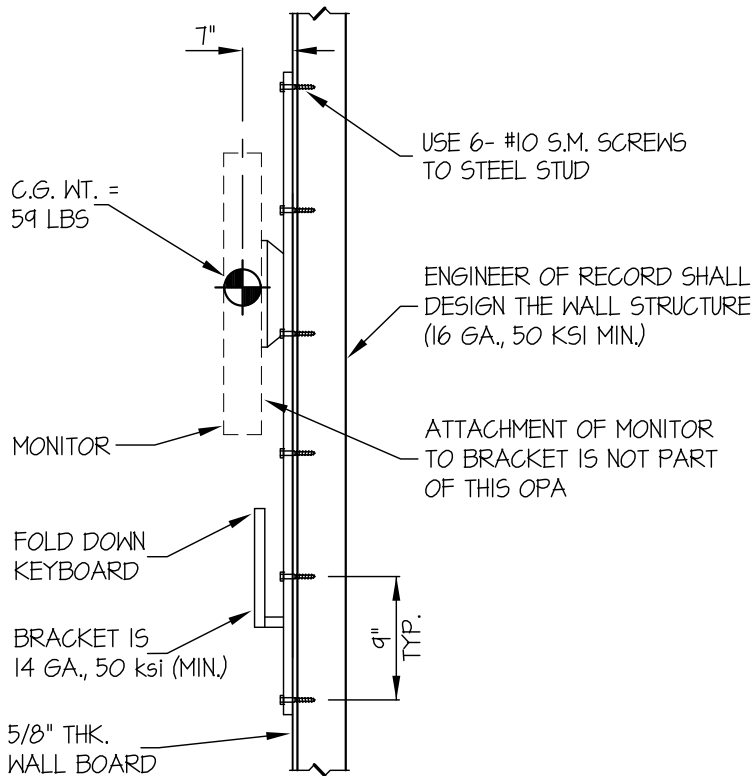
OPA-1665-07
 Pre-approval Program Manager:
 Anthony R. Pike
 (916) 440-8470

Reviewed By: Jerry Yee

9/22/09

GCX CORPORATION	DES. R. LA BRIE	SHEET 3
	JOB NO. 11-0789	OF 3 SHEETS
VHC WALL MOUNT	DATE 5/8/09	

SEISMIC ANCHORAGE



ELEVATION

2 x STUDS OR 4 x BLKG (DOUGLAS-FIR LARCH NUMBER 2 MIN.) (DESIGNED BY ENGINEER OF RECORD)

USE 6- #10 X 4" LAG SCREWS TO WOOD STUD OR BLKG. (PRE-DRILL HOLES TO SHANK DIAMETER)

5/8" THK. WALL BOARD

WOOD STUD WALL



A P P R O V E D
 Fixed Equipment Anchorage
 Office of Statewide Health Planning and Development

OPA-1665-07

Pre-approval Program Manager:
 Anthony R. Pike
 (916) 440-8470

Reviewed By: *Jerry Yee* 9/22/09