

**March 17, 2022**

**SOLICITATION ADDENDUM NO. 2**

**ITB 21-0016**

**Summit Building- Tenant Improvements- General Contractor**

**THE FOLLOWING CHANGES/ADDITIONS TO THE ABOVE CITED SOLICITATION ARE ANNOUNCED:**

This Addendum modifies the Invitation to Bid (ITB) document(s) only to the extent indicated herein. All other areas not changed or otherwise modified by this Addendum shall remain in full force and effect. This Addendum is hereby made an integral part of the ITB document. Bidder must be responsive to any requirements of this Addendum as if the requirements were set forth in the ITB. Failure to do so may result in Bid rejection. See the ITB regarding requests for clarification or change and protests of this Addendum, and the deadlines for the foregoing.

This addendum is to be acknowledged in the space provided on the Bidder Certification form supplied in the solicitation document. Failure to acknowledge receipt of this addendum may be cause to reject your offer.

The closing date IS:

**March 24, 2022 at 2:00 PM Pacific Time**

**CLARIFICATIONS/QUESTIONS**

**Please see the amended Project Drawings and Specifications attached.**

**QUESTION:** Can you confirm whether the COVID protocols outlined in Attachment M of the BSD Summit Building bid documents applies to this project?

**ANSWER:** Yes, currently BSD is keeping COVID protocols as outlines in Attachment M.

MAR  
17TH  
2022

**PROJECT** | BEAVERTON SCHOOL DISTRICT - CENTRAL OFFICE  
SUMMIT BUILDING  
1260 NW WATERHOUSE AVE., BEAVERTON, OR 97006

## BIDDING ADDENDUM 2

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### REVISION 2 - DATED 3/17/22

*This addendum is issued to modify, clarify, or amend the original Project Drawings and Specifications and is hereby made part of the Contract Documents. The Contractor shall be responsible for incorporating items in this Addendum to the Work. The following shall take precedence over anything to the contrary in the Drawings or Specifications.*

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**QUESTIONS/CLARIFICATIONS:** *The below items are in response to additional information or clarifications within the Contract documents. Provide the below scope or clarification within your base bid.*

1. **CARPET TRANSITIONS - 4/A900.** *A carpet transition strip is shown under the barn doors at the phone rooms. This transition strip is only required where dissimilar flooring materials exist. This condition does not currently exist within this project as carpet runs underneath this door without a break. Transition strips are not required at the entrances to phone rooms within this project.*
2. **COUNTERTOP EDGE DETAIL- 8/A850.** *A rounded plastic laminate edge is shown here graphically. A square post edge with matching plastic laminate edge trim is acceptable in lieu of a rounded .*

**DRAWING REVISIONS:** *Replace the below sheets in their entirety with a new drawing sheet included within this addendum. All changes are clouded and labeled as Revision 2 - Add 2 - 3/17/22.*

1. **A101 - FLOOR PLAN - GROUND FLOOR:**
  - a. **Reception Desk** - Dimensions have altered at the reception desk to accommodate two 66" wide standing/sitting desks provided by the district. General Contractor to show this equipment within the casework shop drawings and coordinate final dimensions and clearances of the Owner's equipment.
  - b. **Board Room Wall Acoustics** - Keynote 28 is added required puddy backs or framed GWB boxes behind all receptacle and recessed AV equipment or connections to

maintain acoustical ratings at this wall.

- c. **New Doors for Card Readers** - Additional existing doors have been added within the tenant area and at the exterior. See new doors 100D & 100E, tagged with keynote 23.

An additional door at the separate bike storage building/locker is not scheduled, but noted to be included within this scope. The general contractor is to add new keycard access to these doors tied to the Owner's control system.

- d. **Door 11A & Relite** - This door and frame has shifted from a new door and separate re-light to a combined side and door frame.
  - e. **Doors 120 & 120A** - Tags for these doors are included on the plan as they appeared in the door hardware schedule. Note that existing hardware to remain at these doors at this time.
- 2. **A102 - FLOOR PLAN - LEVEL 2:** Additional doors 247B & 247B that access the interior exit stairways have been tagged and included into the door hardware schedule. Modifications of door hardware are included within the door hardware schedule for these doors.
  - 3. **A103 - FLOOR PLAN - LEVEL 3:** See new door tag at Huddle Room 302 for door existing door 302. Additional information has been provided within the door hardware schedule for this door, requiring retrofit from an existing combo lock to a new passage lever set.
  - 4. **A201 - REFLECTED CEILING PLAN - GROUND FLOOR: Act-2/Washable ACT Tiles @ Coffee Bar:**  
*The finish schedule and RCP's have been updated to include a washable acoustic ceiling tile at Coffee Bar 108. Specification section 09 51 00 - Acoustical Ceilings list USG Corporation, Kitchen Lay-in Panels for this area, or an approved substitute. The specification lists these as an add alternate, bidders are to include this within project base scope.*
  - 5. **A601 - FLOOR FINISH PLAN - GROUND FLOOR:** Design intent of carpet installation and finish tags at Board Room have been updated to reflect one carpet specification throughout.
  - 6. **A602 - FLOOR FINISH PLAN - LEVEL 2: Carpet VE** - Design intent of carpet installation and finish tags have been updated to reflect one carpet specification throughout. The herringbone pattern is to remain and is shown in a hatched area for clarity.
  - 7. **A603 - FLOOR FINISH PLAN - LEVEL 3:** Design intent of carpet installation and finish tags have been updated to reflect one carpet specification throughout. The herringbone pattern is to remain and is shown in a hatched area for clarity.
  - 8. **A650 - FINISH & EQUIPMENT SCHEDULES & PAINT DIAGRAMS:**
    - a. **Carpet VE** - Carpet specification has been updated in the finish schedule to reflect one carpet type throughout the project. Design intent has been updated on finish floor

plans.

- b. **ACT-2/Washable Ceiling tiles** - The finish schedule has been updated to include a washable acoustic ceiling tile at Coffee Bar 108.

9. **A651 - INTERIOR ELEVATIONS & PAINT DIAGRAM:**

- a. **1** - Overall length of reception desk has been updated to accommodate new 66" long sit to stand desks provided by the district. General Contractor to show this equipment within the casework shop drawings and coordinate final dimensions and clearances of the Owner's equipment.
- b. **6** - Glazing has been updated to clarify design intent for gradient on the laminated glass. Areas for opaque film, gradient film and transparent film are shown on this elevation for bidding purposes.

10. **A850 - INTERIOR DETAILS:**

- a. **13** - Notation has been added to clarify the need for clearance around the waterfall edge for sit to stand desks.

11. **A900 - DOORS, FRAMES, HARDWARE SCHEDULE AND TYPICAL OPENING DETAILS**

- a. **Additional Doors** - Additional doors have been added the door hardware schedule as described on the architectural floor plans
- b. **Door Hardware Groups** - Hardware groups have been modified to reflect to full hardware groups contained within the project specifications. Additional information has been provided to clarify modifications to existing hardware, particularly to electronic hardware sets. Coordinate door schedule with specification hardware groups; description of groups have been removed from this sheet.
- c. **Door 100E** - A hardware group is not provided for this door. The general contractor is to provide a complete hardware package to add exterior card reader access at this door.

**SPECIFICATION REVISIONS:** *The below are revisions to the project specifications:*

12. **08 71 00 - DOOR HARDWARE** - Replace the current specification section with this new section.

The following changes are made.

- a. **2.09 KICK PLATES** - No new kick plates are scheduled within the project. This section was removed from the specification as it is not applicable at this time.
- b. **Door Hardware Index** - A supplemental description of hardware groups is included within the project specification in addition to the schedule on Sheet A900. If a discrepancy exists, provide a complete hardware package to meet the design intent contained within A900.
- c. **Door Hardware Groups** - Complete door hardware groups are provided by the Owner's Door Hardware consultant to add clarification to required modifications to existing



hardware groups. This information does not alleviate the General Contractor of field verification of existing hardware conditions and presentation of complete hardware groups at the door hardware pre-submittal meeting. The general contractor's base scope should include complete hardware groups and modifications, including new doors where mortise hardware cannot sufficiently be patched to allow new cores. Coordinate new card readers with security drawings within the project drawings.

13. **09 68 13 -TILE CARPETING (2.03.B.1)** - Change fastening method for rubber transition strips from Mechanically fastened to Adhered. Mechanical fastening is an allowable option for the attachment, but glue or other adhesive without mechanical fastening is allowed.
14. **10 75 00 - FLAGPOLES-** See revised specification for requirement to provide attachment points and hardware for three (3) flags on the single pole. Owner to provide flags for General Contractor's Coordination.

**SECTION 107500  
FLAGPOLES****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A Aluminum Flagpoles.

**1.02 REFERENCE STANDARDS**

- A AASHTO M 36 - Standard Specification for Corrugated Steel Pipe, Metallic-Coated, for Sewers and Drains 2016 (Reapproved 2020).
- B ASTM B241/B241M - Standard Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube 2016.
- C NAAMM FP 1001 - Guide Specifications for Design Loads of Metal Flagpoles 2007.

**1.03 SUBMITTALS**

- A See Section 013000 - Administrative Requirements, for submittal procedures.
- B Product Data: Provide data on pole, accessories, and configurations.
- C Shop Drawings: Indicate detailed dimensions, base details, anchor requirements, and imposed loads.

**PART 2 PRODUCTS****2.01 MANUFACTURERS**

- A Flagpoles:
  - 1. Concord American Flagpole; Internal - Independence:  
[www.concordamericanflagpole.com/#sle](http://www.concordamericanflagpole.com/#sle).
  - 2. Morgan-Francis Flagpoles & Accessories; [ ]: [www.morgan-francis.com/#sle](http://www.morgan-francis.com/#sle).
  - 3. Pole-Tech Co, Inc; [ ]: [www.poletech.com/#sle](http://www.poletech.com/#sle).
  - 4. Substitutions: See Section 016000 - Product Requirements.

**2.02 FLAGPOLES**

- A Flagpoles: Designed in accordance with NAAMM FP 1001
  - 1. Material: Aluminum.
  - 2. Design: Cone tapered.
  - 3. Mounting: Ground mounted type.
  - 4. Nominal Height: 30 ft ([ ] m); measured from nominal ground elevation.
  - 5. Halyard: Internal type, manual winch operation.

**2.03 POLE MATERIALS**

- A Aluminum: ASTM B241/B241M , 6063 alloy , T6 temper.

**2.04 ACCESSORIES**

- A Finial Ball: Aluminum, 6 inch (150 mm) diameter.
- B Truck Assembly: Cast aluminum; revolving, stainless steel ball bearings, non-fouling.
- C Halyard: 5/16 inch (8 mm) diameter stainless steel aircraft cable.
- D Connecting Sleeve For Multiple Section Poles: Same material as pole, precision fit for field assembly of pole, concealed fasteners.
- E Counterbalance: Stainless Steel.
- F Flash Collar: Aluminum, to match pole
- G **Flags: Coordinate provided pole and hardware to accomodate a minimum of three separate flags. Coordinate attachments locations with Onwer provided flags. REV2**

**2.05 OPERATORS**

- A Hand Crank: Removable type.
- B Operations Control Box: Provide flagpole operations control box with Olympus National DCN CAM lockset with core suitable to allow keying to the associated building master, as directed by the Owner

**2.06 MOUNTING COMPONENTS**

- A Foundation Tube Sleeve: AASHTO M 36, corrugated 16 gauge, 0.0598 inch (1.52 mm) steel, galvanized, depth of [ ] inches ([ ] mm) as indicated.
- B Pole Base Attachment: Flush; steel base with base cover.

**2.07 FINISHING**

- A Aluminum: Mill finish.

**PART 3 EXECUTION****3.01 EXAMINATION**

- A Verify that concrete foundation is ready to receive work and dimensions are as indicated on shop drawings.

**3.02 PREPARATION**

- A Coat metal sleeve surfaces below grade and surfaces in contact with dissimilar materials with asphaltic paint.

**3.03 INSTALLATION**

- A Install flagpole , base assembly, and fittings in accordance with manufacturer's instructions.

**3.04 TOLERANCES**

- A Maximum Variation From Plumb: 1 inch (25 mm).

**3.05 ADJUSTING**

- A Adjust operating devices so that halyard and flag function smoothly.

**END OF SECTION**

**SECTION 096813  
TILE CARPETING****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A Carpet tile, fully adhered.
- B Removal of existing carpet tile.

**1.02 RELATED REQUIREMENTS**

- A Section 090561 - Common Work Results for Flooring Preparation: Removal of existing floor coverings, cleaning, and preparation.

**1.03 SUBMITTALS**

- A See Section 013000 - Administrative Requirements, for submittal procedures.
- B Product Data: Provide data on specified products, describing physical and performance characteristics; sizes, patterns, colors available, and method of installation.
- C Maintenance Materials: Furnish the following for Owner's use in maintenance of project.
  - 1. See Section 016000 - Product Requirements, for additional provisions.
  - 2. Extra Carpet Tiles: Quantity equal to 5 percent of total installed of each color and pattern installed.

**1.04 QUALITY ASSURANCE**

- A Installer Qualifications: Company specializing in installing carpet tile with minimum three years documented experience and approved by carpet tile manufacturer.

**1.05 FIELD CONDITIONS**

- A Store materials in area of installation for minimum period of 24 hours prior to installation.

**PART 2 PRODUCTS****2.01 MANUFACTURERS**

- A Tile Carpeting:
  - 1. Per finish schedule, no substitutions allowed

**2.02 MATERIALS**

- A Tile Carpeting: manufactured in one color dye lot.
  - 1. Product: Per architectural drawings

**2.03 ACCESSORIES**

- A Subfloor Filler: White premix latex; type recommended by flooring material manufacturer.
- B Edge Strips: Rubber, color as selected by Architect.
  - 1. Fastening Method: **Adhered REV 2**
- C Adhesives:
  - 1. Compatible with materials being adhered; maximum VOC content of 50 g/L; CRI (GLP) certified; in lieu of labeled product, independent test report showing compliance is acceptable.
- D Carpet Tile Adhesive: Recommended by carpet tile manufacturer; releasable type.

**PART 3 EXECUTION****3.01 EXAMINATION**

- A Verify that subfloor surfaces are smooth and flat within tolerances specified for that type of work and are ready to receive carpet tile.
- B Verify that subfloor surfaces are dust-free and free of substances that could impair bonding of adhesive materials to subfloor surfaces.
- C Cementitious Subfloor Surfaces: Verify that substrates are ready for flooring installation by testing for moisture and alkalinity (pH).
  - 1. Test in accordance with Section 090561.
  - 2. Obtain instructions if test results are not within limits recommended by flooring material manufacturer and adhesive materials manufacturer.

**3.02 PREPARATION**

- A Remove existing carpet tile.
- B Prepare floor substrates as recommended by flooring and adhesive manufacturers.
- C Remove subfloor ridges and bumps. Fill minor or local low spots, cracks, joints, holes, and other defects with subfloor filler.
- D Apply, trowel, and float filler to achieve smooth, flat, hard surface. Prohibit traffic until filler is cured.
- E Vacuum clean substrate.

**3.03 INSTALLATION**

- A Starting installation constitutes acceptance of subfloor conditions.
- B Install carpet tile in accordance with manufacturer's instructions.
- C Blend carpet from different cartons to ensure minimal variation in color match.
- D Cut carpet tile clean. Fit carpet tight to intersection with vertical surfaces without gaps.
- E Lay carpet tile in square pattern, with pile direction parallel to next unit, set parallel to building lines.
- F Trim carpet tile neatly at walls and around interruptions.
- G Complete installation of edge strips, concealing exposed edges.

**3.04 CLEANING**

- A Remove excess adhesive without damage, from floor, base, and wall surfaces.
- B Clean and vacuum carpet surfaces.

**END OF SECTION**

**SECTION 087100  
DOOR HARDWARE****PART 1 GENERAL****1.01 SECTION INCLUDES**

- A Hardware for wood doors.
- B Electrically operated and controlled hardware.
- C Thresholds.
- D Weatherstripping and gasketing.

**1.02 RELATED REQUIREMENTS**

- A Section 081213 - Hollow Metal Frames.
- B Section 081416 - Flush Wood Doors.
- C Section 28 15 00 - Security Management System Hardware Devices
- D Section 281000 - Access Control: Electronic access control devices.

**1.03 REFERENCE STANDARDS**

- A ADA Standards - Americans with Disabilities Act (ADA) Standards for Accessible Design 2010.
- B BHMA A156.1 - Butts and Hinges 2021.
- C BHMA A156.2 - Bored and Preassembled Locks and Latches 2017.
- D BHMA A156.3 - Exit Devices 2020.
- E BHMA A156.4 - Door Controls - Closers 2019.
- F BHMA A156.7 - Template Hinge Dimensions 2016.
- G BHMA A156.16 - Auxiliary Hardware 2018.
- H BHMA A156.17 - Self Closing Hinges & Pivots 2019.
- I BHMA A156.18 - Materials and Finishes 2020.
- J BHMA A156.21 - Thresholds 2019.
- K BHMA A156.22 - Gasketing 2021.
- L BHMA A156.115 - Hardware Preparation In Steel Doors And Steel Frames 2016.
- M BHMA A156.115W - Hardware Preparation in Wood Doors with Wood or Steel Frames 2006.
- N DHI (H&S) - Sequence and Format for the Hardware Schedule 1996.
- O DHI WDHS.3 - Recommended Locations for Architectural Hardware for Flush Wood Doors 1993; also in WDHS-1/WDHS-5 Series, 1996.
- P ICC A117.1 - Accessible and Usable Buildings and Facilities 2017.
- Q NFPA 70 - National Electrical Code Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- R NFPA 80 - Standard for Fire Doors and Other Opening Protectives 2022.
- S NFPA 101 - Life Safety Code Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- T UL (DIR) - Online Certifications Directory Current Edition.

**1.04 ADMINISTRATIVE REQUIREMENTS**

- A Coordinate the manufacture, fabrication, and installation of products that door hardware is installed on.
- B Keying Requirements Meeting:
  - 1. Schedule meeting at project site prior to Contractor occupancy.
  - 2. Attendance Required:
    - a. Contractor.
    - b. Owner.
    - c. Architect.
  - 3. Agenda:
    - a. Establish keying requirements form District Standards and direction.
    - b. Verify locksets and locking hardware are functionally correct for project requirements.
    - c. Verify that keying and programming complies with project requirements.

- d. Establish keying submittal schedule and update requirements.
4. Incorporate "Keying Requirements Meeting" decisions into keying submittal upon review of door hardware keying system including, but not limited to, the following:
5. Record minutes and distribute copies within two days after meeting to participants, with two copies to Architect, Owner, participants, and those affected by decisions made.
6. Deliver established keying requirements to manufacturers.

**1.05 SUBMITTALS**

- A See Section 013000 - Administrative Requirements for submittal procedures.
- B Product Data: Manufacturer's catalog literature for each type of hardware, marked to clearly show products to be furnished for this project, and includes construction details, material descriptions, finishes, and dimensions and profiles of individual components.
- C Shop Drawings - Door Hardware Schedule: Submit detailed listing that includes each item of hardware to be installed on each door. Use door numbering scheme as included in Contract Documents.
  1. Comply with DHI (H&S) using door numbers and hardware set numbers as indicated in construction documents.
  2. List groups and suffixes in proper sequence.
  3. Provide complete description for each door listed.
  4. Provide manufacturer name, product names, and catalog numbers; include functions, types, styles, sizes and finishes of each item.
  5. Include account of abbreviations and symbols used in schedule.
- D Installer's qualification statement.
- E Warranty: Submit manufacturer's warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.
- F Project Record Documents: Record actual locations of concealed equipment, services, and conduit.

**1.06 QUALITY ASSURANCE**

- A Installer Qualifications: Company specializing in performing work of the type specified for commercial door hardware with at least two years of documented experience.

**1.07 DELIVERY, STORAGE, AND HANDLING**

- A Package hardware items individually; label and identify each package with door opening code to match door hardware schedule.

**1.08 WARRANTY**

- A See Section 017800 - Closeout Submittals for additional warranty requirements.
- B Warranty against defects in material and workmanship for period indicated, from Date of Substantial Completion.
  1. Closers: Five years, minimum.
  2. Exit Devices: Three years, minimum.
  3. Locksets and Cylinders: Three years, minimum.
  4. Other Hardware: Two years, minimum.

**PART 2 PRODUCTS****2.01 DESIGN AND PERFORMANCE CRITERIA**

- A Provide specified door hardware as required to make doors fully functional, compliant with applicable codes, and secure to extent indicated.
- B Provide individual items of single type, of same model, and by same manufacturer.
- C Provide door hardware products that comply with the following requirements:
  1. Applicable provisions of federal, state, and local codes.
  2. Accessibility: ADA Standards and ICC A117.1.
  3. Applicable provisions of NFPA 101.
  4. Hardware Preparation for Steel Doors and Steel Frames: BHMA A156.115.

5. Hardware Preparation for Wood Doors with Wood or Steel Frames: BHMA A156.115W.
  6. Products Requiring Electrical Connection: Listed and classified by UL (DIR) as suitable for the purpose specified.
- D Electrically Operated and/or Controlled Hardware: Provide necessary power supplies, power transfer hinges, relays, and interfaces as required for proper operation; provide wiring between hardware and control components and to building power connection in compliance with NFPA 70.
1. See Section 281000 for additional access control system requirements.
- E Lock Function: Provide lock and latch function numbers and descriptions of manufacturer's series. See Door Hardware Schedule.
- F Fasteners:
1. Provide fasteners of proper type, size, quantity, and finish that comply with commercially recognized standards for proposed applications.
    - a. Aluminum fasteners are not permitted.
    - b. Provide phillips flat-head screws with heads finished to match door surface hardware unless otherwise indicated.
  2. Fire-Rated Applications: Comply with NFPA 80.
    - a. Provide wood or machine screws for hinges mortised to doors or frames, strike plates to frames, and closers to doors and frames.
    - b. Provide steel through bolts for attachment of surface mounted closers, hinges, or exit devices to door panels unless proper door blocking is provided.

## 2.02 HINGES

- A Hinges: Comply with BHMA A156.1, Grade 1.
1. Butt Hinges: Comply with BHMA A156.1 and BHMA A156.7 for templated hinges.
    - a. Provide hinge width required to clear surrounding trim.
  2. Provide hinges on every swinging door.
  3. Provide five-knuckle full mortise butt hinges unless otherwise indicated.
  4. Provide ball-bearing hinges at each door with closer.
  5. Provide following quantity of butt hinges for each door:
    - a. Doors From 60 inches (1.5 m) High up to 84 inches ([ ] m) High: Three hinges.
    - b. Doors 84 inches ([ ] m) High up to 120 inches (3 m) High: Four hinges.
    - c. Doors with leafs greater than 36" wide: Four hinges
    - d. Exterior Doors: Four hinges

## 2.03 EXIT DEVICES

- A Manufacturers:
1. Von Duprin, an Allegion brand: [www.allegion.com/us/#sle](http://www.allegion.com/us/#sle).
    - a. Basis of Design Products:
      - 1) QEL or EL 99 Series
- B Exit Devices: Comply with BHMA A156.3, Grade 1.
1. Lever design to match lockset trim.
  2. Provide exit devices properly sized for door width and height.
  3. Provide strike as recommended by manufacturer for application indicated.
  4. Provide UL (DIR) listed exit device assemblies for fire-rated doors and panic device assemblies for non-fire-rated doors.

## 2.04 LOCKSETS

- A Manufacturers:
1. Schlage, an Allegion brand; [www.allegion.com/us/#sle](http://www.allegion.com/us/#sle)
    - a. Products: ND VandLGard
    - b. Lever Type: Match existing shape and finish within renovation projects
      - 1) Rhodes (RHO)



- 2) Finish: Satin Chrome
2. Function: Per Hardware Schedule
3. Existing Doors: Replace existing doors already cored for mortise hardware with new mortise hardware. Installation of new mortise hardware is not allowed within new doors.

**2.05 CYLINDRICAL LOCKS**

- A Manufacturers:
1. Schlage, an Allegion brand: [www.allegion.com/us/#sle](http://www.allegion.com/us/#sle).
    - a. Products: Full Size Interchangeable Core (FSIC) Cylinder
- B Cylindrical Locks (Bored): Comply with BHMA A156.2, Grade 1, 4000 Series.
1. Bored Hole: 2-1/8 inch (54 mm) diameter.
  2. Latchbolt Throw: 1/2 inch (12.7 mm), minimum.
  3. Backset: 2-3/4 inch (70 mm) unless otherwise indicated.
  4. Strikes: Provide manufacturer's standard strike for each latchset or lockset with strike box and curved lip extending to protect frame in compliance with indicated requirements.
    - a. Finish: 626 Brushed Stainless Steel

**2.06 CLOSERS**

- A Manufacturers; Surface Mounted:
1. LCN, an Allegion brand: [www.allegion.com/us/#sle](http://www.allegion.com/us/#sle).
    - a. Products:
      - 1) LCN 4010 (Inward Swing)
      - 2) LCN 4111 (Outward Swing)
- B Closers: Comply with BHMA A156.4, Grade 1.
1. Type: Surface mounted to door.
  2. Provide door closer on each exterior door.

**2.07 CONCEALED CLOSERS**

- A Manufacturers; Concealed:
1. LCN, an Allegion brand
    - a. Products:
      - 1) LCN 3130

**2.08 OCCUPANCY INDICATORS:**

- A Manufacturers:
1. Schlage, an Allegion brand[<>]: [www.allegion.com/us/#sle](http://www.allegion.com/us/#sle).
    - a. Products: L9496 Mortise Privacy with "Occupied" Indicator

**2.09 KICK PLATES REV2**

- A Kick Plates: ~~Provide along bottom edge of push side of every door, except aluminum storefront and glass entry doors, unless otherwise indicated.~~
1. ~~Material: Stainless Steel~~
  2. ~~Thickness: 18 Gauge~~
  3. ~~Size: 10 inch (254 mm) high by 2 inch (51 mm) less door width (LDW) on push side of door.~~
  4. ~~Kick plates: Comply with ANSI/BHMA 156.6 with BHMA 630 Finish~~

**2.10 WALL STOPS**

- A Manufacturers:
1. Basis of Design: Ives or approved equal.
- B Wall Stops: Comply with BHMA A156.16, Grade 1 and Resilient Material Retention Test as described in this standard.
1. Provide wall stops to prevent damage to wall surface upon opening door.
  2. Type: Bumper, concave, wall stop.
  3. Material: Aluminum housing with rubber insert.
  4. Finish: Match door lever, **or Satin Nickel uno. REV2**

**2.11 THRESHOLDS**

- A Manufacturers:
  - 1. Pemko; an Assa Abloy Group company; [\_\_\_\_]: [www.assaabloydss.com/#sle](http://www.assaabloydss.com/#sle).
  - 2. National Guard Products, Inc; [\_\_\_\_]: [www.ngpinc.com/#sle](http://www.ngpinc.com/#sle).
  - 3. Substitutions: See Section 016000 - Product Requirements.
- B Thresholds: Comply with BHMA A156.21.
  - 1. Provide threshold at interior doors for transition between two different floor types, and over building expansion joints, unless otherwise indicated.
  - 2. Provide threshold at each exterior door, unless otherwise indicated.
  - 3. Type: Flat surface.
  - 4. Material: Aluminum.
  - 5. Threshold Surface: Fluted horizontal grooves across full width.
  - 6. Field cut threshold to profile of frame and width of door sill for tight fit.
  - 7. Provide non-corroding fasteners at exterior locations.

**2.12 WEATHERSTRIPPING AND GASKETING**

- A Manufacturers:
  - 1. Pemko; an Assa Abloy Group company; [\_\_\_\_]: [www.assaabloydss.com/#sle](http://www.assaabloydss.com/#sle).
  - 2. Substitutions: See Section 016000 - Product Requirements.
- B Weatherstripping and Gasketing: Comply with BHMA A156.22.
  - 1. Head and Jamb Type: Adjustable.
  - 2. Door Sweep Type: Encased in retainer.
  - 3. Material: Aluminum, with brush weatherstripping.

**2.13 SILENCERS**

- A Manufacturers:
  - 1. Ives, an Allegion brand; [\_\_\_\_]: [www.allegion.com/us/#sle](http://www.allegion.com/us/#sle).
  - 2. Substitutions: See Section 016000 - Product Requirements.
- B Silencers: Provide at equal locations on door frame to mute sound of door's impact upon closing.
  - 1. Single Door: Provide three on strike jamb of frame.
  - 2. Pair of Doors: Provide two on head of frame, one for each door at latch side.
  - 3. Material: Rubber, gray color.

**2.14 FINISHES**

- A Finishes: Provide door hardware of same finish, unless otherwise indicated.
  - 1. Primary Finish: Match existing finish within renovation projects; BHMA A156.18.
  - 2. Secondary Finish: 626; satin chromium plated over nickel, with brass or bronze base material (former US equivalent US26D); BHMA A156.18.
    - a. Use secondary finish in kitchens, bathrooms, and other spaces containing chrome or stainless steel finished appliances, fittings, and equipment; provide primary finish on one side of door and secondary finish on other side if necessary.

**PART 3 EXECUTION****3.01 EXAMINATION**

- A Verify that doors and frames are ready to receive this work; labeled, fire-rated doors and frames are properly installed, and dimensions are as indicated on shop drawings.

**3.02 INSTALLATION**

- A Install hardware in accordance with manufacturer's instructions and applicable codes.
- B Use templates provided by hardware item manufacturer.
- C Door Hardware Mounting Heights: Distance from finished floor to center line of hardware item. As indicated in following list; unless noted otherwise in Door Hardware Schedule or on drawings.
  - 1. For Wood Doors: Install in compliance with DHI WDHS.3 recommendations.

- D Set exterior door thresholds with full-width bead of elastomeric sealant at each point of contact with floor providing a continuous weather seal; anchor thresholds with stainless steel countersunk screws.

**3.03 CLEANING**

- A Clean finished hardware in accordance with manufacturer's written instructions after final adjustments have been made.

**3.04 PROTECTION**

- A Protect finished Work under provisions of Section 017000 - Execution and Closeout Requirements.
- B Do not permit adjacent work to damage hardware or finish.

**END OF SECTION**

Area#	Door Numbers	HwSet#
Lobby/Entrance	100A	S-04
Lobby/Tenant	100B	S-01
Lobby/Tenant	100C	S-02
Lobby/Tenant	100D	S-02
Lobby/Exterior	100E	???
Reception	101	S-03
Reception	101A	S-05
Mail Room	102	S-05
Conference Room	106	S-04
Storage	107	S-04
Board Room	109	S-06
Conference Room	109A	S-07
Board Room	109B	S-08
Board Room	110	S-09
Waiting	111A	S-10
Waiting	111B	S-02
Open Office	115	S-11
Open Office	116	S-11
Conference Room	119	S-12
Stair	120	S-05
Exit Passage Way	120A	S-05
Stair	121	S-13
Equipment Closet	122	S-14
Team Room	203A	S-15
Team Room	203B	S-15
Private Office	207	S-16
Phone Room	214	S-17
Phone Room	215	S-17
Phone Room	216	S-17
Break Room	222A	S-05
Break Room	222B	S-05
Quiet Room	224	S-18
Frame Room	225	S-19
Tosa Work Room	232	S-20
Phone Room	235	S-17
Phone Room	236	S-17
Phone Room	237	S-17
Private Office	245	S-16
Stair	247	S-13
Corridor	247B	S-21
Stair	248	S-13
Corridor	248B	S-21
Huddle Room	302	S-24
Private Office	303	S-11
IT Room	304	S-22
Private Office	307	S-16
Private Office	308	S-16

Area#	Door Numbers	HwSet#
Private Office	313	S-11
Phone Room	315	S-17
Phone Room	316	S-17
Phone Room	317	S-17
Private Office	320	S-11
Private Office	321	S-11
Frame Room	332	S-23
Huddle Room	333	S-24
Private Office	337	S-16
Private Office	338	S-16
Phone Room	345	S-17
Phone Room	346	S-17
Phone Room	347	S-17
Wellness Room	348A	S-25
Wellness Room	348B	S-25
Stair	351	S-26
Stair	352	S-27

**HW SET # S-01**

Openings

100B

Each door or doors to have:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
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EXISTING MAG LOCKS, RETAIN PER AHJ APPROVAL  
ALL OTHER HARDWARE EXISTING

**HW SET # S-02**

Openings

100A

111B

100C

100D

Each door or doors to have:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	STOREROOM LOCK	L9080R 17A	626 SCH
1	EA	FSIC CORE	23-030	626 SCH
1	EA	ELECTRIC STRIKE	6400 FSE 12/24 VAC/VDC	630 VON

REPLACE LOCKSET IF NOT STOREROOM FUNCTION  
ALL OTHER HARDWARE EXISTING

**HW SET # S-03**

Openings

101

Each door or doors to have:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	ELEC PANIC HARDWARE	LD-9975-L-M996-17-FS	626 VON
1	EA	MORTISE CYLINDER	20-061 ICX	626 SCH
1	EA	FSIC CORE	23-030	626 SCH

REMOVE ELECTRIC MORTISE LOCK AND REPLACE WITH  
ELECTRIC TRIM PANIC.

**HW SET # S-04**

Openings

100A

106

107

Each door or doors to have:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
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EXISTING ELECTRIC MORTISE LOCKSET

**HW SET # S-05**

Openings

101A	102	120	120A	222A	222B
234					

Each door or doors to have:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
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EXISTING HARDWARE

**HW SET # S-06**

Openings

109

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
8	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	652	IVE
1	EA	REMOVABLE MULLION	KR4954 STAB	689	VON
2	EA	PANIC HARDWARE	QM-99-L-17	626	VON
2	EA	RIM CYLINDER	20-057 ICX	626	SCH
1	EA	MORTISE CYLINDER	20-061 ICX	626	SCH
3	EA	FSIC CORE	23-030	626	SCH
2	EA	SURFACE CLOSER	4111 EDA TBWMS	689	LCN
2	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
2	EA	WALL STOP	WS406/407CVX	630	IVE
2	EA	MULLION SEAL	8780NBK PSA	BK	ZER
1	SET	SEALS	S88D 20'	DKB	PEM

**HW SET # S-07**

Openings

109A

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	STOREROOM LOCK	L9080R 17A	626	SCH
1	EA	FSIC CORE	23-030	626	SCH
1	EA	ELECTRIC STRIKE	6400 FSE 12/24 VAC/VDC	630	VON

REPLACE LOCKSET IF NOT STOREROOM FUNCTION  
 PROVIDE CYLINDRICAL OR MORTISE TO FIT EXISTING PREP  
 ALL OTHER HARDWARE EXISTING

**HW SET # S-08**

Openings

109B

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	FIRE EXIT HARDWARE	9975-NL-F-SNB	626	VON
1	EA	MORTISE CYLINDER	20-061 ICX	626	SCH
1	EA	FSIC CORE	23-030	626	SCH

IN CHAPTER 4 OF NFPA 80, THERE IS A SECTION ADDRESSING COMPONENTS OF A FIRE DOOR ASSEMBLY (2016: SECTION 4.2.6, 2019: SECTION 4.2.7). MODIFYING FIRE DOORS.  
A NEW DOOR MIGHT BE REQUIRED

**HW SET # S-09**

Openings

110

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	KICK DOWN HOLDER	FS544	689	IVE

IF DOOR HAS CLOSER ADD KICK DOWN STOP

**HW SET # S-10**

Openings

111A

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
4	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	630	IVE
1	EA	STOREROOM LOCK	L9080R 17A	626	SCH
1	EA	FSIC CORE	23-030	626	SCH
1	EA	ELECTRIC STRIKE	6400 FSE 12/24 VAC/VDC	630	VON
1	EA	SURFACE CLOSER	4111 EDA TBWMS	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	SET	SEALS	S88D 20'	DKB	PEM



**HW SET # S-11**

Openings

115                      116                      303                      313                      320                      321

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	ENTRANCE LOCK	ND53TD SPA	626	SCH
1	EA	FSIC CORE	23-030	626	SCH

ALL OTHER HARDWARE EXISTING

**HW SET # S-12**

Openings

119

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
4	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	630	IVE
1	EA	ENTRANCE LOCK	ND53TD SPA	626	SCH
1	EA	FSIC CORE	23-030	626	SCH
1	EA	SURFACE CLOSER	4111 SCUSH TBWMS	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	SET	SEALS	S88D 20'	DKB	PEM

**HW SET # S-13**

Openings

121                      247                      248

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	ELEC FIRE EXIT HARDWARE	9975-L-F-M996-17-FS	626	VON
1	EA	MORTISE CYLINDER	20-061 ICX	626	SCH
1	EA	FSIC CORE	23-030	626	SCH

REMOVE ELECTRIC MORTISE LOCK AND REPLACE WITH  
ELECTRIC LEVER TRIM PANIC RELEASED BY ACCESS CONTROL, FIRE ALARM SIGNAL  
OR LOSS OF POWER.

IN CHAPTER 4 OF NFPA 80, THERE IS A SECTION ADDRESSING COMPONENTS OF A FIRE DOOR  
ASSEMBLY (2016: SECTION 4.2.6, 2019: SECTION 4.2.7). MODIFYING FIRE DOORS.

A NEW DOOR MIGHT BE REQUIRED

**HW SET # S-14**

Openings

122

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
8	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	630	IVE
1	EA	MANUAL FLUSH BOLT	FB458	626	IVE
1	EA	DUST PROOF STRIKE	DP2	626	IVE
1	EA	ENTRANCE LOCK	ND53TD SPA	626	SCH
1	EA	FSIC CORE	23-030	626	SCH
2	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
2	EA	WALL STOP	WS406/407CVX	630	IVE
2	EA	SILENCER	SR64	GRY	IVE

**HW SET # S-15**

Openings

203A

203B

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	PANIC HARDWARE	99-L-BE-QM996-17-SNB	626	VON
1	EA	SURFACE CLOSER	4111 SHCUSH TBWMS	689	LCN

ALL OTHER HARDWARE EXISTING

**HW SET # S-16**

Openings

207

245

307

308

337

338

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
4	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	630	IVE
1	EA	ENTRANCE LOCK	ND53TD SPA	626	SCH
1	EA	FSIC CORE	23-030	626	SCH
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	SET	SEALS	S88D 20'	DKB	PEM

**HW SET # S-17**

Openings

214	215	216	235	236	237
315	316	317	345	346	347

Each door or doors to have:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
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ALL HARDWARE BY DOOR MFG

**HW SET # S-18**

Openings

224

Each door or doors to have:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
4	EA HINGE	5BB1HW 4.5 X 4.5 NRP	630	IVE
1	EA PRIVACY WITH OCCUPIED INDICATOR	L9056J 17A L583-363 L283-722	626	SCH
1	EA FSIC CORE	23-030	626	SCH
1	EA KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA WALL STOP	WS406/407CVX	630	IVE
1	SET SEALS	S88D 20'	DKB	PEM

**HW SET # S-19**

Openings

225

Each door or doors to have:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA STOREROOM LOCK	ND80JD SPA	626	SCH
1	EA FSIC CORE	23-030	626	SCH
1	EA ELECTRIC STRIKE	6211 FSE 12/16/24/28 VAC/VDC	630	VON

ALL OTHER HARDWARE EXISTING

**HW SET # S-20**

Openings

232

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	STOREROOM LOCK	ND80JD SPA	626	SCH
1	EA	FSIC CORE	23-030	626	SCH
1	EA	DOOR FILLER PLATE	EF- VERIFY TYPE	600	DON

ALL OTHER HARDWARE EXISTING

**HW SET # S-21**

Openings

247B                      248B

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	PANIC HARDWARE	99-L-BE-QM996-17-SNB	626	VON
1	EA	SURFACE CLOSER	4111 EDA TBWMS	689	LCN
1	EA	WALL STOP	WS406/407CVX	630	IVE

DOOR IN PATH OF TRAVEL TO 247 AND 248

**HW SET # S-22**

Openings

304

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
4	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	630	IVE
1	EA	STOREROOM LOCK	ND80JD SPA	626	SCH
1	EA	FSIC CORE	23-030	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE 12/16/24/28 VAC/VDC	630	VON
1	EA	SURFACE CLOSER	4011	689	LCN
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	SET	SEALS	S88D 20'	DKB	PEM

ALL OTHER HARDWARE EXISTING

**HW SET # S-23**

Openings

332

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
4	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	630	IVE
1	EA	STOREROOM LOCK	ND80JD SPA	626	SCH
1	EA	FSIC CORE	23-030	626	SCH
1	EA	ELECTRIC STRIKE	6211 FSE 12/16/24/28 VAC/VDC	630	VON
1	EA	SURFACE CLOSER	4111 EDA TBWMS	689	LCN
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	SET	SEALS	S88D 20'	DKB	PEM

ALL OTHER HARDWARE EXISTING

**HW SET # S-24**

Openings

302

333

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	PASSAGE SET	ND10S SPA	626	SCH

ALL OTHER HARDWARE EXISTING

**HW SET # S-25**

Openings

348A

348B

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	PRIVACY WITH OCCUPIED INDICATOR	L9056J 17A L583-363 L283-722	626	SCH
1	EA	FSIC CORE	23-030	626	SCH
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS406/407CVX	630	IVE
1	SET	SEALS	S88D 20'	DKB	PEM

NEW DOOR REQUIRED  
EXISTING HINGES

**HW SET # S-26**

Openings

351

Each door or doors to have:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	EL MORTISE LOCK	L9092TEL 17A RX CON 12/24 VDC	626	SCH
1	EA	FSIC CORE	23-030	626	SCH

EXISTING ELECTRIC MORTISE LOCKSET  
VERIFY IF FAIL SAFE IF NOT REPLACE

**HW SET # S-27**

Openings

352

Each door or doors to have:

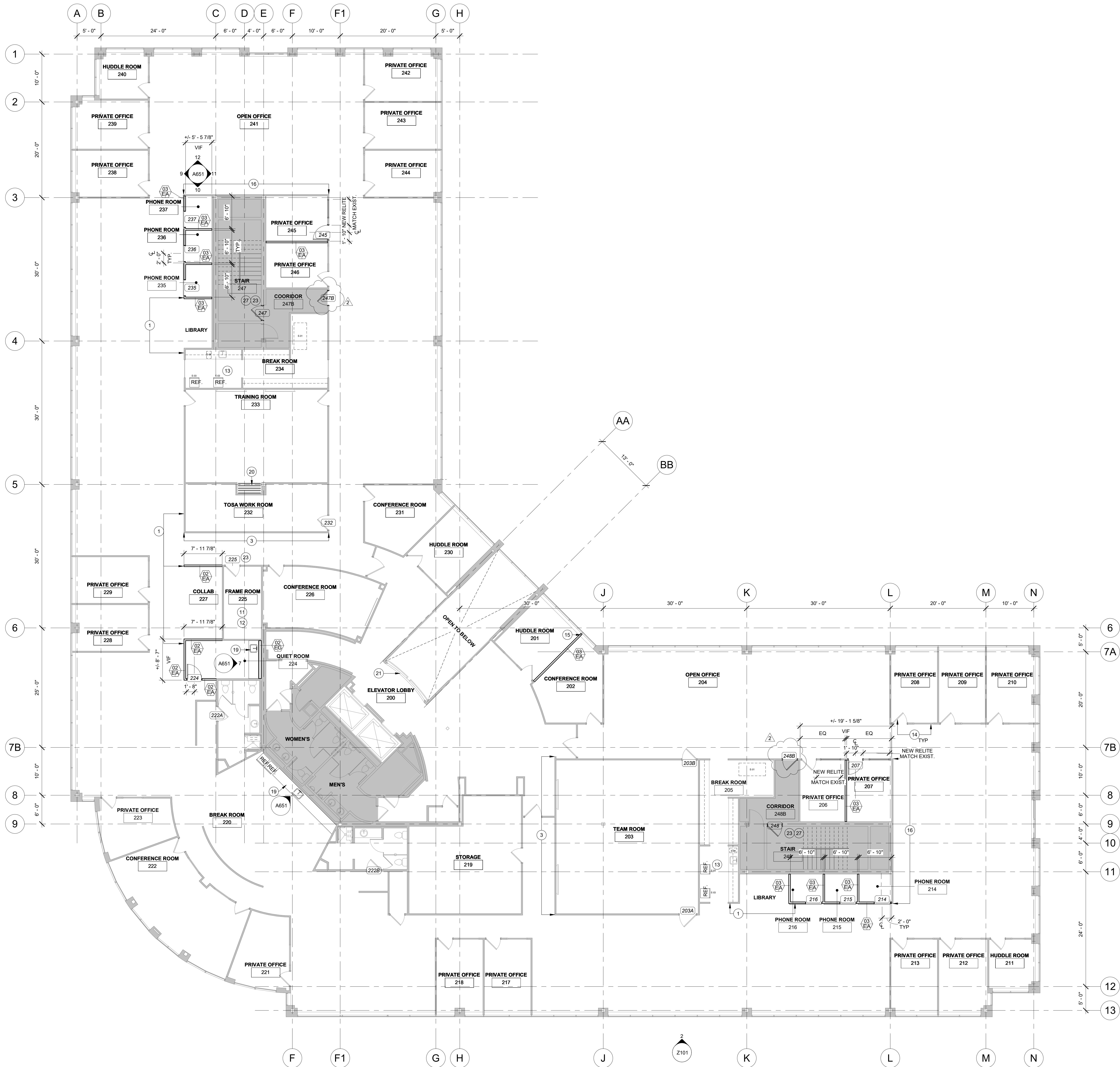
<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	DOOR CORD	DL418	689	
1	EA	EL MORTISE LOCK	L9092TEL 17A RX CON 12/24 VDC	626	SCH
1	EA	FSIC CORE	23-030	626	SCH

EXISTING MORTISE LOCK IS NOT ELECTRIC REPLACE WITH  
LEVER MORTISE LOCK RELEASED BY ACCESS CONTROL, FIRE ALARM SIGNAL  
OR LOSS OF POWER.

IN CHAPTER 4 OF NFPA 80, THERE IS A SECTION ADDRESSING COMPONENTS OF A FIRE DOOR  
ASSEMBLY (2016: SECTION 4.2.6, 2019: SECTION 4.2.7). MODIFYING FIRE DOORS.  
A NEW DOOR MIGHT BE REQUIRED



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






FLOOR PLAN - LEVEL 2  
1/8" = 1'-0"

GENERAL NOTES - FLOOR PLAN

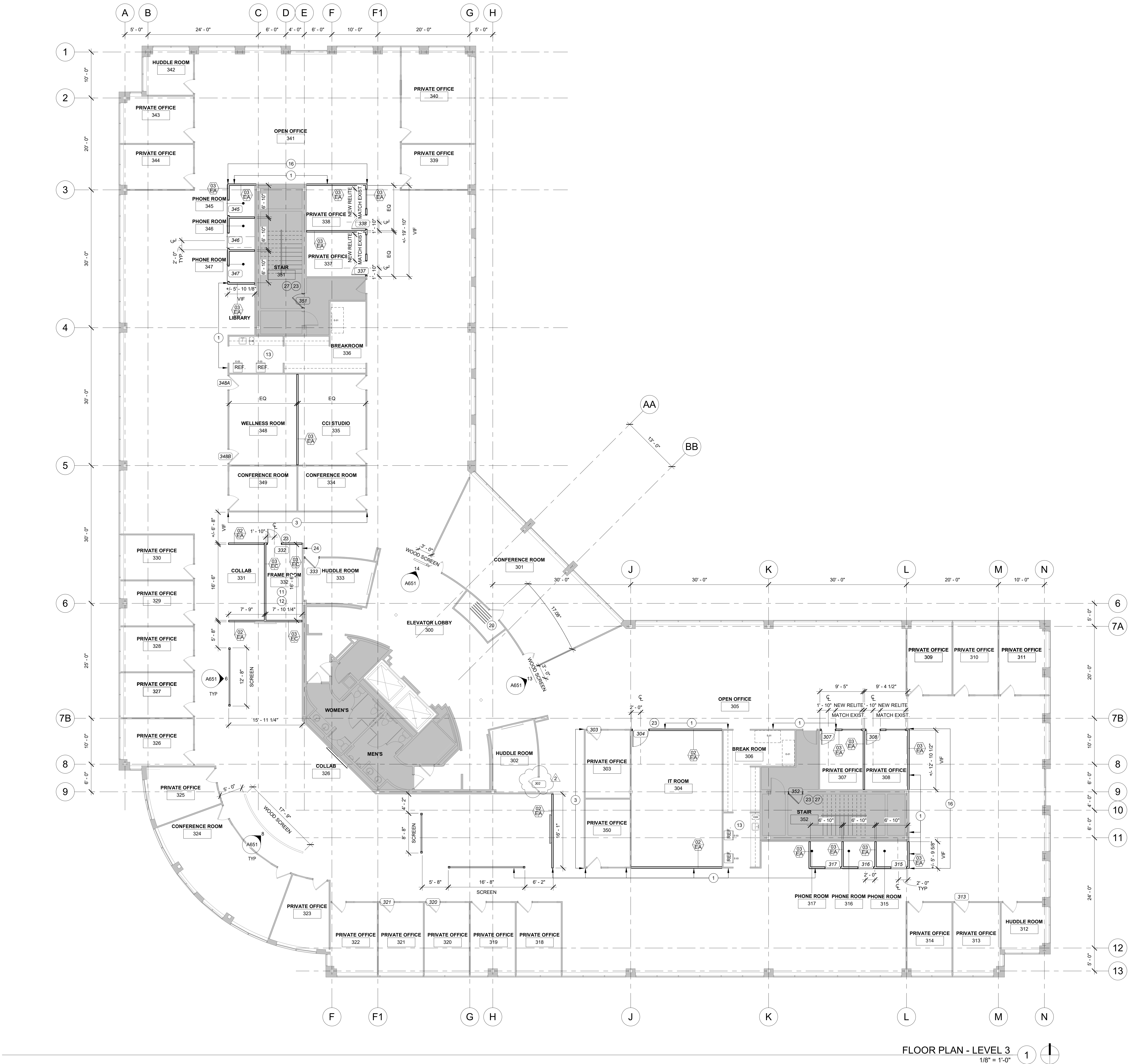
- A. REFER TO PROJECT SPECIFICATIONS FOR COMPLETE PROJECT NOTES AND REQUIREMENTS.
- B. DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES.
- C. ALL ELECTRICAL WORK IS TO BE COORDINATED WITH MEP DRAWINGS. ALL ELECTRICAL OUTLETS, DATA AND SWITCHES ARE SHOWN FOR DESIGN INTENT AND REFERENCE ONLY. WHERE POSSIBLE, PROVIDE FLOOR-IN-WALL BOXES.
- D. PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION. ALL EXISTING WALL DAMAGES TO BE PATCHED AND REPAIRED PRIOR TO RECEIVING NEW PAINT.
- E. ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWC STANDARDS.
- F. ACoustICAL CAULK ALL WALL/GLASS AND WALL/MULLION JOINTS.
- G. PROVIDE NEW FLOORING AND BASE UNLESS NOTED OTHERWISE. PROVIDE FLOOR PREP FOR A SMOOTH SURFACE PRIOR TO INSTALLATION.
- H. WHERE NEW DOORS, FRAMES AND HARDWARE ARE PROVIDED, MATCH EXISTING PER DOOR SCHEDULE. NEW DOOR HARDWARE IS TO MATCH BUILDING STANDARD AND BE COMPATIBLE TO RECEIVE AN IC CORE PER DISTRICT STANDARDS.

LEGEND - FLOOR PLANS

WALL TAG		WALL TYPE PER ASSEMBLY BRACING CONDITION STUD TYPE PER LEGEND	STUD SIZE LEGEND
DOOR TAG - UNIQUE		DOOR TAG - REFER TO DOOR SCHEDULE	A 7/8" FLUORING CHANNEL B 1 1/2" FLUORING CHANNEL C 1 5/8" METAL STUD D 2 1/2" METAL STUD E 3 5/8" METAL STUD F 4" METAL STUD G 6" METAL STUD H 8" METAL STUD
DOOR TAG - REPEATABLE		DOOR TYPE - SEE SCHEDULE DOOR WIDTH	I 2 1/2" C.H. SHAFT WALL STUD J 4" C.H. SHAFT WALL STUD K 6" C.H. SHAFT WALL STUD
WINDOW TAG		WINDOW TYPE - SEE SCHEDULE	
KEY NOTE		KEY NOTE - SEE SCHEDULE	
<b>BRACING CONDITION</b>			
		A	UNDERSIDE OF GRID
		B	8" ABOVE GRID
		C	FULL HEIGHT TO STRUCTURE



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FLOOR PLAN - LEVEL 3  
1/8" = 1'-0"

GENERAL NOTES - FLOOR PLAN

- A. REFER TO PROJECT SPECIFICATIONS FOR COMPLETE PROJECT NOTES AND REQUIREMENTS.
- B. DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES.
- C. ALL ELECTRICAL WORK IS TO BE COORDINATED WITH MEP DRAWINGS. ALL ELECTRICAL OUTLETS, DATA AND SWITCHES ARE SHOWN FOR DESIGN INTENT AND REFERENCE ONLY. WHERE POSSIBLE, PROVIDE FLUSH-WALL BOXES.
- D. PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION. ALL EXISTING WALL DAMAGES TO BE PATCHED AND REPAIRED PRIOR TO RECEIVING NEW PAINT.
- E. ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWC STANDARDS.
- F. ACOUSTICAL CAULK ALL WALL/GLASS AND WALL/MULLION JOINTS.
- G. PROVIDE NEW FLOORING AND BASE UNLESS NOTED OTHERWISE. PROVIDE FLOOR PREP FOR A SMOOTH SURFACE PRIOR TO INSTALLATION.
- H. WHERE NEW DOORS, FRAMES AND HARDWARE ARE PROVIDED, MATCH EXISTING PER DOOR SCHEDULE. NEW DOOR HARDWARE IS TO MATCH BUILDING STANDARD AND BE COMPATIBLE TO RECEIVE AN IC CORE PER DISTRICT STANDARDS.

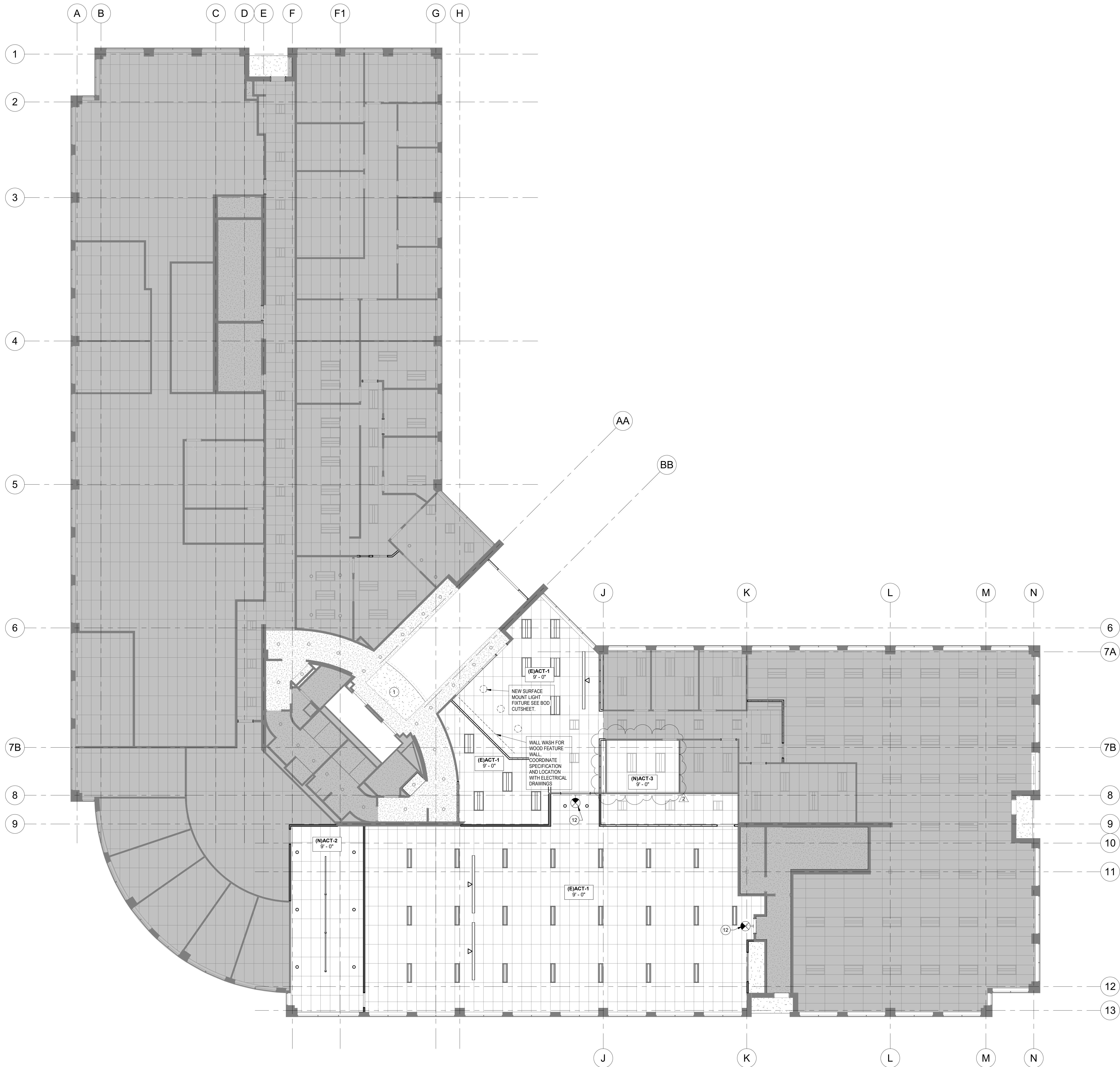
LEGEND - FLOOR PLANS

WALL TAG	STUD SIZE LEGEND
101	A 7/8" FLUOR CHANNEL
102	B 1 1/2" FLUOR CHANNEL
103	C 1 5/8" METAL STUD
104	D 2 1/2" METAL STUD
105	E 3 5/8" METAL STUD
106	F 4" METAL STUD
107	G 6" METAL STUD
108	H 8" METAL STUD
109	I 2 1/2" C.H. SHAFT WALL STUD
110	J 4" C.H. SHAFT WALL STUD
111	K 6" C.H. SHAFT WALL STUD
DOOR TAG - UNIQUE	BRACING CONDITION
112	A UNDERSIDE OF GRID
113	B 6" ABOVE GRID
114	C FULL HEIGHT TO STRUCTURE
DOOR TAG - REFERENCE	
115	A DOOR TYPE - SEE SCHEDULE
116	B DOOR WIDTH
WINDOW TAG	
117	A WINDOW TYPE - SEE SCHEDULE
118	B KEY NOTE - SEE SCHEDULE

KEYED NOTES - FLOOR PLANS

1. ALIGN FACE OF FINISHES BETWEEN THESE WALLS.
2. ALL EXISTING DOORS SHOWN AT A 45 DEGREE ANGLE ARE EXISTING TO REMAIN. PREPARE ALL EXISTING DOORS AND FRAME TO BE REFINISHED PER DOOR SCHEDULE. ALL EXISTING DOOR HARDWARE TO BE RECORDED PER BSD STANDARDS.
3. WALL TO RECEIVE NEW GRAPHICS AND BRANDING. FINISH WALL TO LEVEL 5 TO RECEIVE NEW GRAPHICS AND PAINT.
4. PROVIDE NEW PRIVACY FILM AT EXISTING STOREFRONT AT 42" A.F. SEE FINISH LEGEND FOR FINAL SPECIFICATION.
5. EXISTING COUNTER TO REMAIN.
6. EXISTING CASEWORK AND PLUMBING FIXTURES TO REMAIN. NEW FRIDGE TO BE OWNER FURNISHED AND CONTRACTOR INSTALLED. SEE EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.
7. PROVIDE NEW PLASTIC LAMINATE COUNTERTOP PER FINISH LEGEND.
8. COORDINATE NEW GREASE INTERCEPTOR, ELECTRICAL, AND PLUMBING FOR THE COFFEE BAR WITH MEP DRAWINGS.
9. PROVIDE MILLWORK ON NEW WALL PARTITION TO MATCH THE EXISTING ADJACENT MILLWORK.
10. EXISTING CASEWORK TO REMAIN.
11. EXTEND ALL THE EXISTING WALLS OF THE FRAME ROOM TO UNDERSIDE OF STRUCTURE.
12. PROVIDE PLYWOOD BACK FOR NEW EQUIPMENT. COORDINATE ANY NEW MECHANICAL OR ELECTRICAL REQUIREMENTS FOR THE FRAME ROOM WITH THE MEP DRAWINGS.
13. EXISTING CASEWORK, PLUMBING, AND DISHWASHER TO REMAIN IN THIS AREA. ADDITIONAL APPLIANCES TO BE OWNER PROVIDED AND CONTRACTOR INSTALLED. COORDINATE ANY NEW MEP WITH MEP DRAWINGS.
14. ALL EXISTING DOORS, DOOR FRAMES, AND RELITES TO REMAIN. ALL EXISTING DOORS TO BE REPAIRED PER DOOR SCHEDULE.
15. ALIGN NEW WALL WITH EXISTING MULLION. CENTER WALL ON MULLION. DETAIL ATTACHMENT TO MATCH THE EXISTING SITE CONDITIONS WHERE WALLS INTERSECT WITH WINDOW MULLIONS.
16. NEW GRAPHIC BRANDING WALL. OWNER TO PROVIDED BRANDING ASSETS. BRANDING ASSETS TO BE OWNER INSTALLED.
17. NEW BUILDING OVERSIGHT. SEE ELEVATIONS AND DETAILS FOR ADDITIONAL INFORMATION.
18. NEW OWNER PROVIDED 30"X60" 8" TO STAND DESKS. G.C. TO REFER TO DETAILS AND ELEVATIONS FOR BUILT-IN COMPONENTS AT RECEPTION DESK SURROUND.
19. NEW CASEWORK. SEE ELEVATIONS FOR ADDITIONAL INFORMATION.
20. CLEAN FABRIC AT EXISTING FOLDING PARTITIONS.
21. REMOVE EXISTING WOOD CAP AT ELEVATOR LOBBY 200 RAILING. REPLACE WITH NEW SOLID WOOD MAPLE CAP WITH TRANSPARENT STAIN PER THE MASTER SPECIFICATION.
22. EXISTING WALL TO RUN TO UNDERSIDE OF STRUCTURE TO MATCH NEW WALL THAT IS ADJACENT. COORDINATE WITH MECHANICAL FOR BREAK IN RETURN PLENUM SPACE.
23. SEE SECURITY/AV DRAWINGS FOR ACCESS CONTROL REQUIREMENTS AT THIS DOOR. SEE DOOR SCHEDULE FOR HARDWARE MODIFICATIONS IF APPLICABLE.
24. EXISTING PARTIAL HEIGHT WALL TO REMAIN. G.C. TO EXTEND EXISTING WALL TO UNDERSIDE OF STRUCTURE.
25. CONNECT DOOR ACCESS TO THE BUILDING'S EXISTING FIRE ALARM SYSTEM TO ALLOW FREE ACCESS IN AN EMERGENCY EVENT.
26. PROVIDE PLYWOOD BACKS OR FRAMED OVR WALL BOARD BOX BEHIND AV BACKBOX AND RECEPTACLES FOR ACOUSTICS. COORDINATE WITH AV DRAWINGS FOR FINAL BOX AND RECEPTACLES LOCATIONS.

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CEILING PLAN - LEVEL 1  
1/8" = 1'-0"

## GENERAL NOTES - REFLECTED CEILING PLANS

- GENERAL CEILING SCOPE:**  
ALL EXISTING CEILINGS ARE TO REMAIN, UNLESS OTHERWISE NOTED.  
EXISTING GYP. BD. CEILINGS ARE TO BE PAINTED PT-1 UNLESS OTHERWISE NOTED.  
**REFER TO MEP DRAWINGS FOR LIGHTING LAYOUT INFORMATION. HBX LIGHTING IS SHOWN FOR DIAGRAMATIC PURPOSES ONLY, UNLESS DIMENSIONED ON ARCHITECTURAL PLANS.**
- A. REFER TO SPECIFICATIONS FOR COMPLETE LIST OF GENERAL NOTES.  
B. LIGHTING SHOWN IS FOR DESIGN INTENT ONLY. COORDINATE LIGHTING AND CONTROLS WITH MEP.  
C. DESIGN REQUIREMENT FOR (NEW) CEILINGS MUST MEET THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE FOR SEISMIC CATEGORIES I & II, ASCE 7-22, OR 65, OR CISCA REORDINATION FOR SEISMIC ZONES 3 & 4 OR TO THE LOCAL REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. SEE GENERAL NOTES ON A510 FOR DESIGN REQUIREMENTS.  
D. COORDINATE ALL (NEW) AND (RELOCATED) SWITCHING WITH ELECTRICAL DRAWINGS FOR PREFERRED LOCATIONS.  
E. CENTER ALL FIXTURES AND SPRINKLER HEADS WITHIN CEILING TILES. ALIGN RECESSED FIXTURES AND SPRINKLER SYSTEMS.  
F. WHERE LIGHTING FIXTURES ARE PROPOSED WITHIN ROOMS WITH AN OPEN CEILING, PROVIDE SUFFICIENT SUPPORT SUCH AS UNISTRUT OR TIE WIRES TO SUSPEND FIXTURES AT 9'-6" AFF UNLESS NOTED OTHERWISE. SEE ELECTRICAL DRAWINGS FOR THESE LOCATIONS.

## LIGHTING AND CEILING MATERIALS - LEGEND

**FINISHES KEY. SEE FINISH SCHEDULE FOR TYPES**

(E) ACT-1:  
(24 x 48)

(E) GWS:  
(SEE TYPE)

**WALL BRACING KEY - REFER TO PARTITION DETAILS**

COMPOSITE WALL TO STRUCTURE - SEE WALL DETAIL CA800.

BRACED WALL, BELOW CEILING - SEE WALL DETAIL AA800.

**CEILING TAG**

ACT-1:  
10'-0"

CEILING TYPE - SEE SCHEDULE

CEILING HEIGHT AFF

**LIGHTING & FIXTURE KEY. SEE SPECIFICATIONS AND ELEVATIONS FOR DETAILS**

LIGHTING TAG - SEE SCHEDULE

TROFFER  
FIXTURE - 2 x 4

RECESSED CAN FIXTURE - SQUARE

EXIT LIGHT (BATTERY BACKUP) -  
ARROW DESIGNATES DIRECTION

UNDER CABINET LIGHT

## KEYED NOTES - RCP

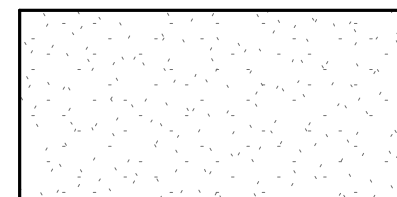
1. PAINT ALL EXISTING GYP. BD CEILINGS AND NEW GYP. BD. CEILINGS PER FINISH SCHEDULE.
2. EXISTING CEILINGS AND LIGHTING TO REMAIN, UNLESS OTHERWISE NOTED. COORDINATE ANY RELOCATIONS OR LIGHTING DIFFICIENCIES WITH KCL.
3. REMOVE EXISTING SUSPENDED LINEAR PENDANT AND REPLACE WITH NEW SUSPENDED LINEAR PENDANT PER ELECTRICAL DRAWINGS.
4. PATCH AND REPAIR EXISTING CEILING AREA WHERE WALL DEMOLITION OCCURS.
5. REMOVE EXISTING CEILING GRID AND TILE AT FRAME ROOM. PROVIDE NEW LIGHTING FOR THIS ROOM PER ELECTRICAL DRAWINGS.
6. EXISTING WALLS OF FRAME ROOM TO CONTINUE TO UNDERSIDE OF STRUCTURE. ADD NEW LIGHT AT EXISTING JUNCTION BOX AND WHERE EXISTING SPOT LIGHT WAS REMOVED. NEW RECESSED CAN TO MATCH THE EXISTING ADJACENT FIXTURES. COORDINATE WITH MEP.
7. REMOVE EXISTING LIGHT FIXTURE COORDINATE WITH ELECTRICAL DRAWINGS.
8. REMOVE EXISTING SPOT LIGHT FIXTURES. G.G. TO PATCH AND REPAIR EXISTING GYP. BD. CEILING TO MATCH ADJACENT SURFACE.
9. ALL PHONE ROOMS TO HAVE SEPARATE SWITCHING. COORDINATE FINAL LOCATIONS WITH ELECTRICAL DRAWINGS.
10. PROVIDE DIMMING SWITCH IN THIS ROOM. COORDINATE FINAL SWITCH LOCATION WITH ELECTRICAL DRAWINGS.
11. NEW EXIT SIGNAGE REQUIRED AT THIS LOCATION. COORDINATE SPECIFICATION AND FINAL PLACEMENT WITH ELECTRICAL DRAWINGS.
- 12.



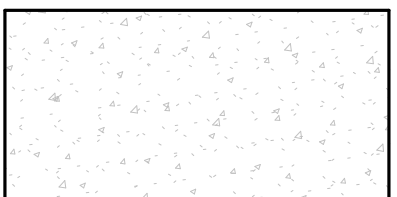
## GENERAL NOTES - FINISH PLANS

- A. REFER TO SHEET A600 FOR FINISH SCHEDULE AND MATERIAL PRODUCT INFORMATION.
- B. SEE SPECIFICATIONS FOR SUBMITTAL PROCEDURES FOR REQUIREMENTS TO PROVIDE PRODUCT INFORMATION, SAMPLES, DIAGRAMS, SHOP DRAWINGS, AND/OR MOCKUPS.
- C. ALL INTERIOR FINISHES TO MEET A MINIMUM CLASS C ASTM E86 RATING PER SHEET G101.
- D. REFER TO SHEET A600 FOR CONDITIONS REQUIRING MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD.
- E. REFER TO SPECIFICATIONS FOR TYPICAL FLOORING TRANSITIONS WHERE APPLICABLE.
- F. PREPARE ALL SURFACES TO RECEIVE FINISHES PER MANUFACTURER'S RECOMMENDATIONS. INSTALL ALL FINISHES PER MANUFACTURER'S INSTRUCTIONS.
- G. UNLESS NOTED OTHERWISE, CENTER ALL FIELD MATERIALS ON WALLS TO CREATE EVEN DISTRIBUTION OF PATTERNS. AT CERAMIC TILE WALLS, COORDINATE INSTALLATION TO ACCOMMODATE THE TILE MODULE WHERE SPECIFICALLY CALLED OUT.
- H. TERMINATE ALL EXPOSED CERAMIC TILE EDGES WITH A SCHLUTER (SCHIEN) STRIP. COLOR TO BE SELECTED BY THE ARCHITECT.
- I. AT PAINTED SURFACES, USE CONSISTENT INSTALLATION AND TOUCH UP METHODS TO CREATE A CONSISTENT AND UNIFORM LOOK IN APPLICATION AND TEXTURE.
- J. PROVIDE THE FOLLOWING PAINT SHEENS AT THE BELOW CONDITIONS, UNLESS NOTED OTHER WISE.
- |           |                   |
|-----------|-------------------|
| WALLS:    | EGGSHELL ENAMEL   |
| CEILING:  | FLAT              |
| TRIM:     | SEMI-GLOSS ENAMEL |
| WOODWORK: | SEMI-GLOSS ENAMEL |
- K. UNLESS NOTED OTHERWISE, PROVIDE A TOOLED CAULK JOINT AT ALL DISSIMILAR MATERIALS. COLOR TO BE SELECTED BY THE ARCHITECT.
- L. ALL WALLS TO BE PAINTED THE GENERAL FIELD PAINT AND RECEIVE GENERAL WALL BASE UNLESS NOTED OTHERWISE.

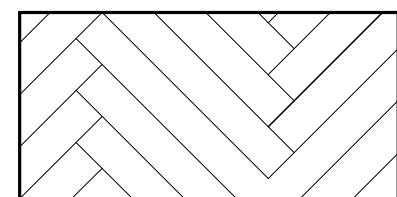
## LEGEND - FINISH PLANS



CARPET - SEE PLAN FOR TYPE



CONCRETE - (PICON = POLISHED OR (SCON = SEALED) REFER TO FINISH SCHEDULE FOR INFORMATION



OPT-1 - HERRINGBONE INSTALLATION SEE PLANS FOR LOCATION



WOM-1 - WALK OFF MAT

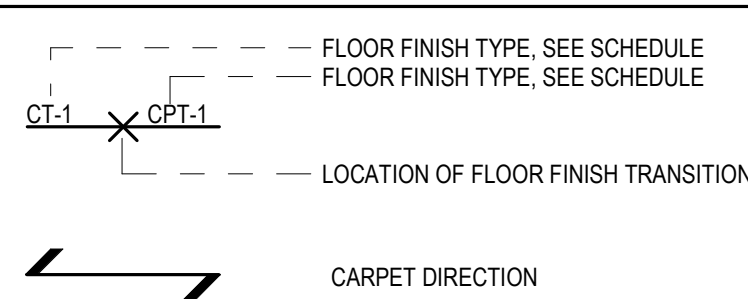


OPT-2 - CARPET SEE PLANS FOR LOCATION

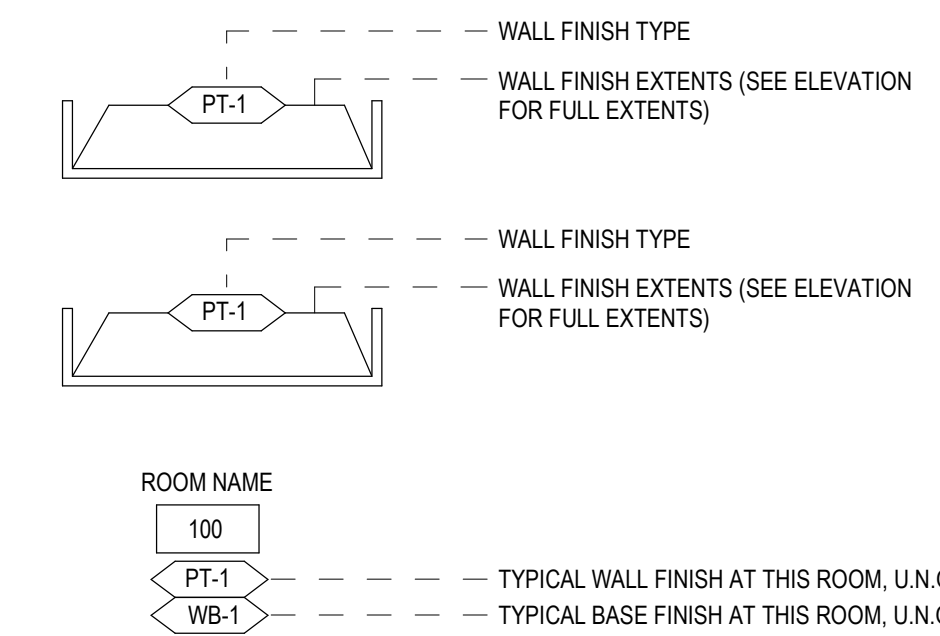


NOT IN CONTRACT - AREA OUTSIDE SCOPE OF WORK

## FLOOR FINISH TRANSITIONS

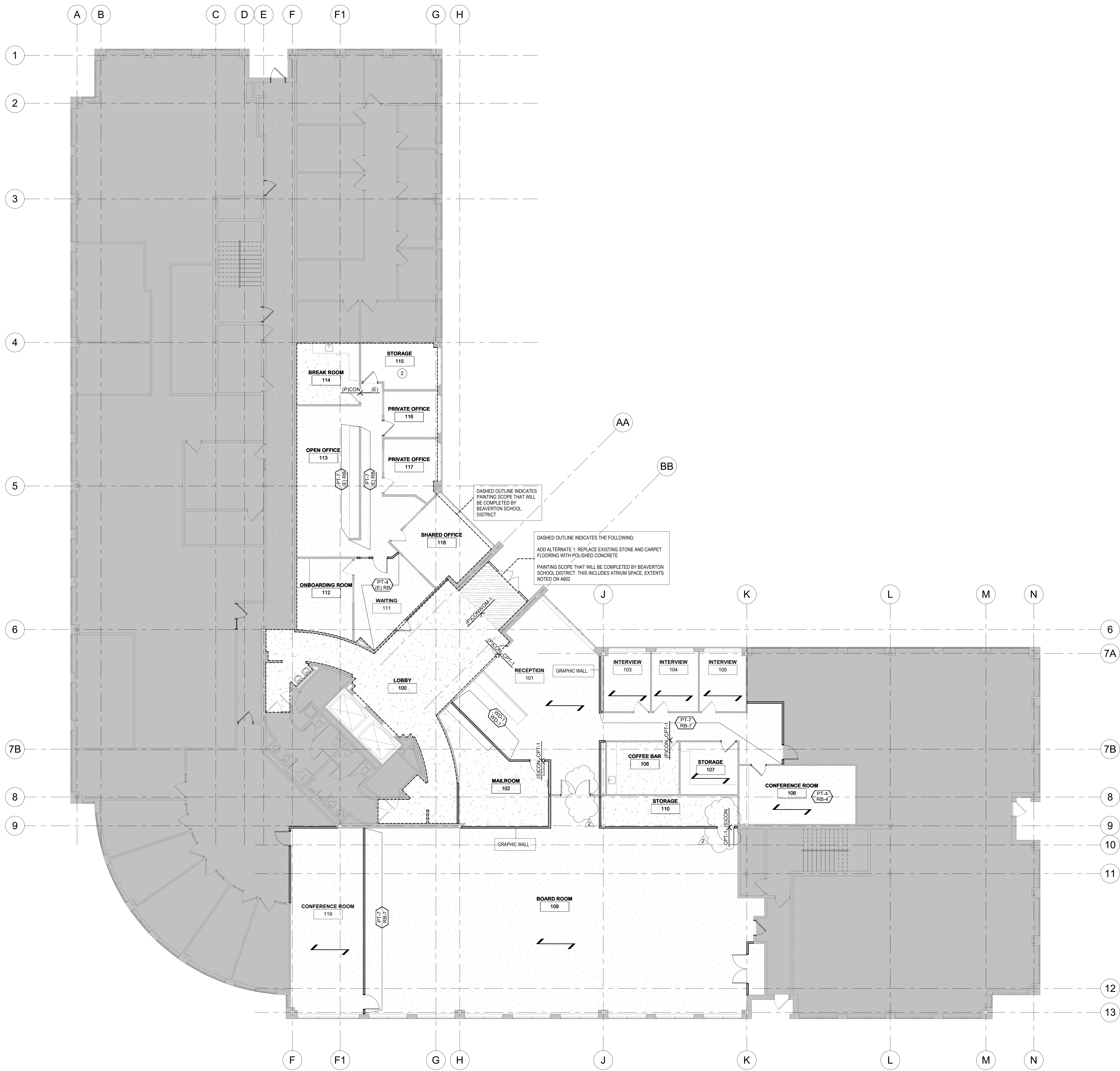


## LEGEND - FINISH PLAN - WALLS



## KEYED NOTES - FINISH PLANS

1. ALIGN FACE OF FINISH.
2. EXISTING FLOORING TO REMAIN IN THIS ROOM.
3. FLOORING INSTALLATION PATTERN IN THIS AREA TO BE OPT-1 IN A HERRINGBONE INSTALLATION PATTERN. AREAS IN WHICH OPT-1 IS TO HAVE A DIFFERENT INSTALLATION METHOD IS SHOWN IN THE HATCH.
4. PROVIDE NEW PRUP MATERIAL IN THIS AREA ABOVE EXISTING COUNTERTOP AND RUN UP TO EXISTING CEILING. SEE FINISH SCHEDULE FOR SPECIFICATION INFORMATION.
5. EXISTING WOOD BASE THAT OCCURS AT ELEVATOR LOBBIES TO REMAIN. REPAINT EXISTING WOOD BASE WHERE OCCURS TO MATCH ADJACENT WALL FINISH.
6. SEE PHONE ROOM ELEVATIONS FOR PAINT INFORMATION.



FLOOR FINISH PLAN - GROUND FLOOR

1/8" = 1'-0"

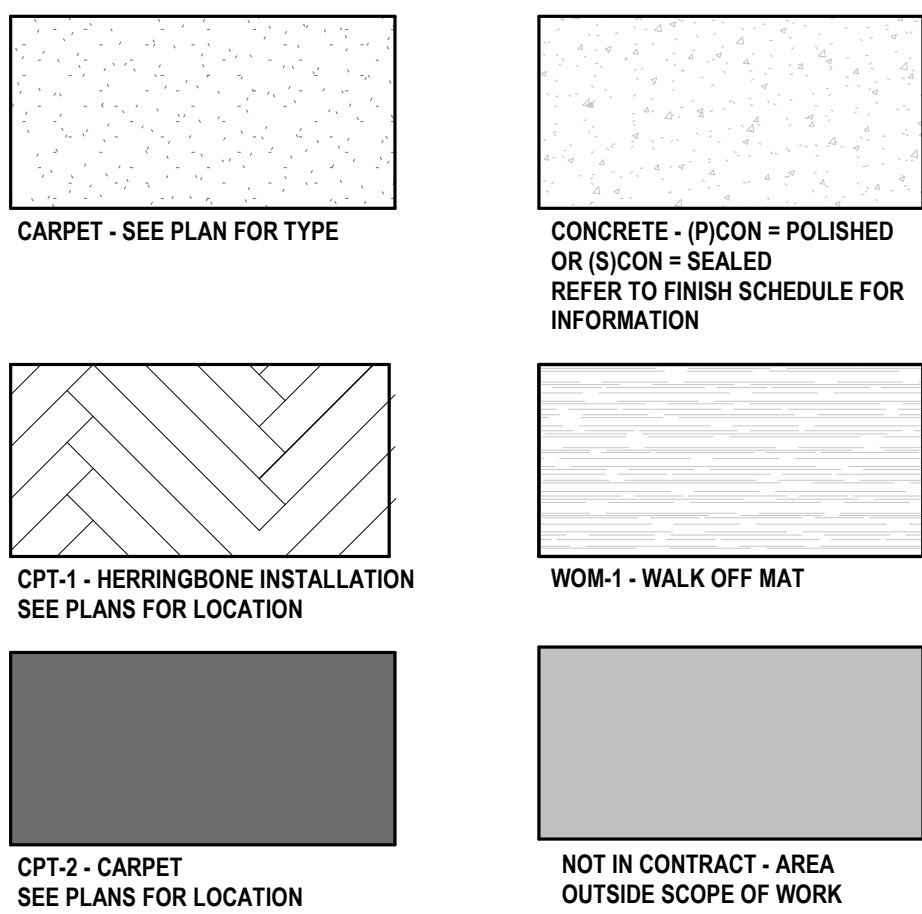




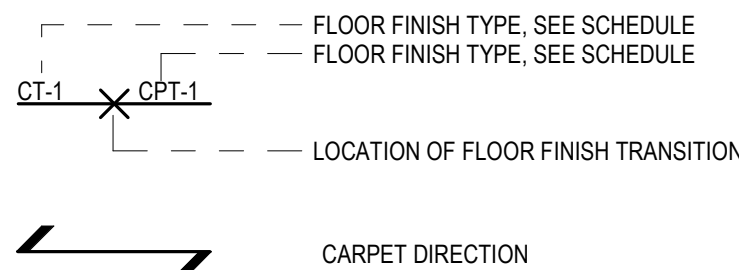
GENERAL NOTES - FINISH PLANS

- A. REFER TO SHEET A600 FOR FINISH SCHEDULE AND MATERIAL PRODUCT INFORMATION.
- B. SEE SPECIFICATIONS FOR SUBMITTAL PROCEDURES FOR REQUIREMENTS TO PROVIDE PRODUCT INFORMATION, SAMPLES, DIAGRAMS, SHOP DRAWINGS, AND/OR MOCKUPS.
- C. ALL INTERIOR FINISHES TO MEET A MINIMUM CLASS C ASTM E86 RATING PER SHEET G101.
- D. REFER TO SHEET A600 FOR CONDITIONS REQUIRING MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD.
- E. REFER TO SPECIFICATIONS FOR TYPICAL FLOORING TRANSITIONS WHERE APPLICABLE.
- F. PREPARE ALL SURFACES TO RECEIVE FINISHES PER MANUFACTURER'S RECOMMENDATIONS. INSTALL ALL FINISHES PER MANUFACTURER'S INSTRUCTIONS.
- G. UNLESS NOTED OTHERWISE, CENTER ALL FIELD MATERIALS ON WALLS TO CREATE EVEN DISTRIBUTION OF PATTERNS. AT CERAMIC TILE WALLS, COORDINATE INSTALLATION TO ACCOMMODATE THE TILE MODULE WHERE SPECIFICALLY CALLED OUT.
- H. TERMINATE ALL EXPOSED CERAMIC TILE EDGES WITH A SCHLUTER (SCHENG) STRIP, COLOR TO BE SELECTED BY THE ARCHITECT.
- I. AT PAINTED SURFACES, USE CONSISTENT INSTALLATION AND TOUCH UP METHODS TO CREATE A CONSISTENT AND UNIFORM LOOK IN APPLICATION AND TEXTURE.
- J. PROVIDE THE FOLLOWING PAINT SHEENS AT THE BELOW CONDITIONS, UNLESS NOTED OTHER WISE.
- |           |                   |
|-----------|-------------------|
| WALLS:    | EGGSHELL ENAMEL   |
| CEILING:  | FLAT              |
| TRIM:     | SEMI-GLOSS ENAMEL |
| WOOD/MDF: | SEMI-GLOSS ENAMEL |
- K. UNLESS NOTED OTHERWISE, PROVIDE A TOOLED CAULK JOINT AT ALL DISSIMILAR MATERIALS. COLOR TO BE SELECTED BY THE ARCHITECT.
- L. ALL WALLS TO BE PAINTED THE GENERAL FIELD PAINT AND RECEIVE GENERAL WALL BASE UNLESS NOTED OTHERWISE.

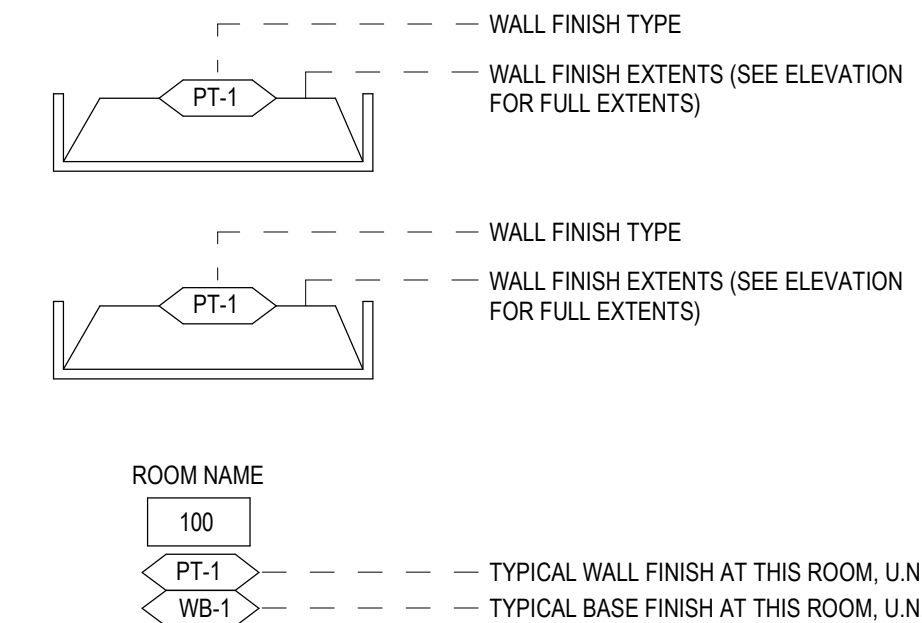
LEGEND - FINISH PLANS



FLOOR FINISH TRANSITIONS

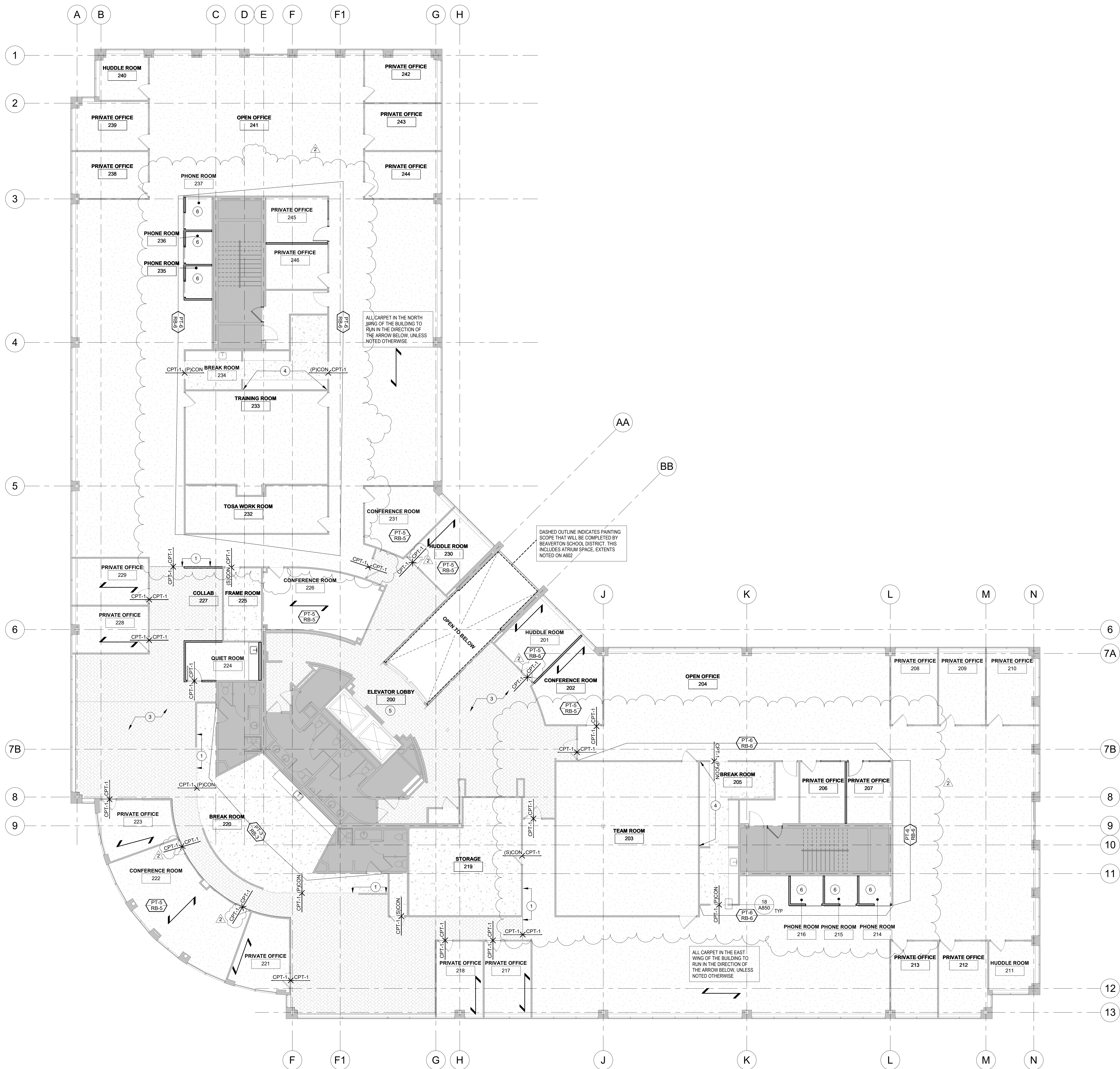


LEGEND - FINISH PLAN - WALLS



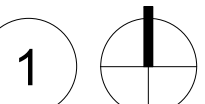
KEYED NOTES - FINISH PLANS

1. ALIGN FACE OF FINISH
2. EXISTING FLOORING TO REMAIN IN THIS ROOM
3. FLOORING INSTALLATION PATTERN IN THIS AREA TO BE CPT-1 IN A HERRINGBONE INSTALLATION PATTERN. AREAS IN WHICH CPT-1 IS TO HAVE A DIFFERENT INSTALLATION METHOD IS SHOWN IN THE HATCH.
4. PROVIDE NEW PAINT MATERIAL IN THIS AREA ABOVE EXISTING COUNTERTOP AND RUN UP TO EXISTING CEILING. SEE FINISH SCHEDULE FOR SPECIFICATION INFORMATION.
5. EXISTING WOOD BASE THAT OCCURS AT ELEVATOR LOBBIES TO REMAIN. REPAIR EXISTING WOOD BASE WHERE OCCURS TO MATCH ADJACENT WALL FINISH.
6. SEE PHONE ROOM ELEVATIONS FOR PAINT INFORMATION.



FLOOR FINISH PLAN - LEVEL 2

1/8" = 1'-0"

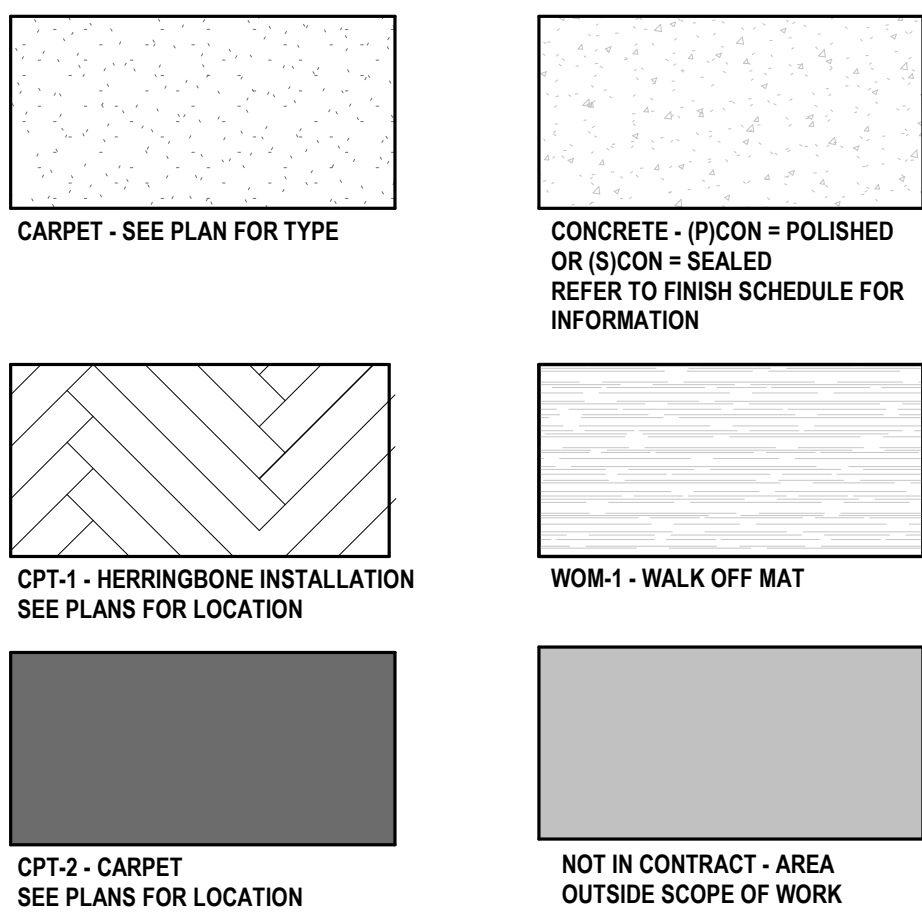




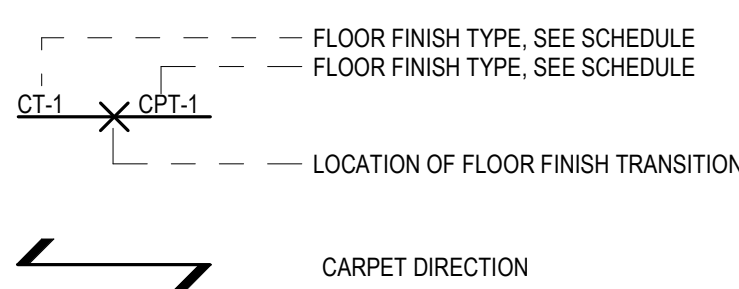
GENERAL NOTES - FINISH PLANS

- A. REFER TO SHEET A850 FOR FINISH SCHEDULE AND MATERIAL PRODUCT INFORMATION.
- B. SEE SPECIFICATIONS FOR SUBMITTAL PROCEDURES FOR REQUIREMENTS TO PROVIDE PRODUCT INFORMATION, SAMPLES, DIAGRAMS, SHOP DRAWINGS, AND/OR MOCKUPS.
- C. ALL INTERIOR FINISHES TO MEET A MINIMUM CLASS C ASTM E86 RATING PER SHEET G101.
- D. REFER TO SHEET A850 FOR CONDITIONS REQUIRING MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD.
- E. REFER TO SPECIFICATIONS FOR TYPICAL FLOORING TRANSITIONS WHERE APPLICABLE.
- F. PREPARE ALL SURFACES TO RECEIVE FINISHES PER MANUFACTURER'S RECOMMENDATIONS. INSTALL ALL FINISHES PER MANUFACTURER'S INSTRUCTIONS.
- G. UNLESS NOTED OTHERWISE, CENTER ALL FIELD MATERIALS ON WALLS TO CREATE EVEN DISTRIBUTION OF PATTERNS. AT CERAMIC TILE WALLS, COORDINATE INSTALLATION TO ACCOMMODATE THE TILE MODULE WHERE SPECIFICALLY CALLED OUT.
- H. TERMINATE ALL EXPOSED CERAMIC TILE EDGES WITH A SCHLUTER (SCHIEN) STRIP. COLOR TO BE SELECTED BY THE ARCHITECT.
- I. AT PAINTED SURFACES, USE CONSISTENT INSTALLATION AND TOUCH UP METHODS TO CREATE A CONSISTENT AND UNIFORM LOOK IN APPLICATION AND TEXTURE.
- J. PROVIDE THE FOLLOWING PAINT SHEENS AT THE BELOW CONDITIONS, UNLESS NOTED OTHER WISE.
- |          |                   |
|----------|-------------------|
| WALLS:   | EGGSHELL ENAMEL   |
| CEILING: | FLAT              |
| TRIM:    | SEMI-GLOSS ENAMEL |
| WOODWOP: | SEMI-GLOSS ENAMEL |
- K. UNLESS NOTED OTHERWISE, PROVIDE A TOOLED CAULK JOINT AT ALL DISSIMILAR MATERIALS. COLOR TO BE SELECTED BY THE ARCHITECT.
- L. ALL WALLS TO BE PAINTED THE GENERAL FIELD PAINT AND RECEIVE GENERAL WALL BASE UNLESS NOTED OTHERWISE.

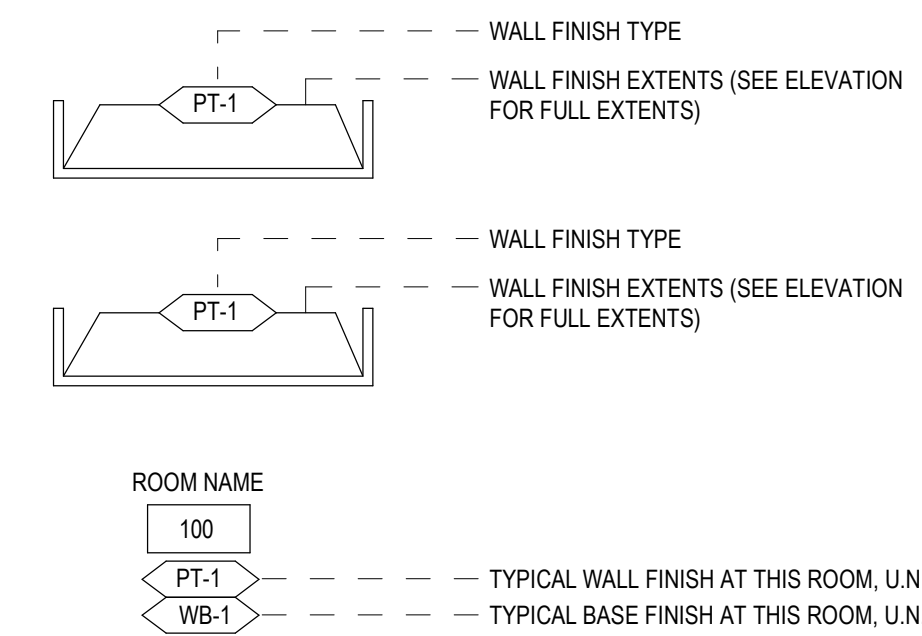
LEGEND - FINISH PLANS



FLOOR FINISH TRANSITIONS

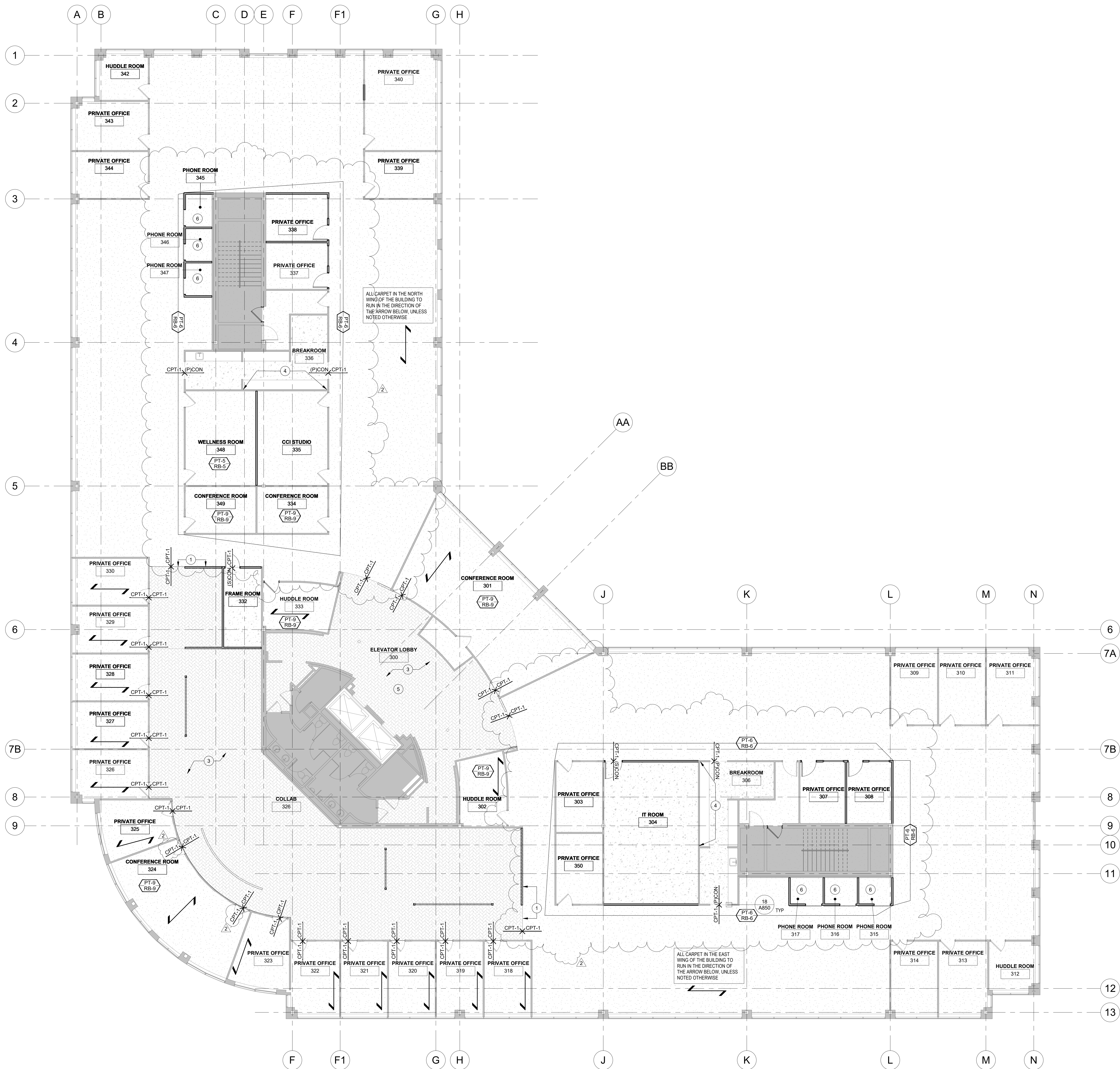


LEGEND - FINISH PLAN - WALLS



KEYED NOTES - FINISH PLANS

- 1 ALIGN FACE OF FINISH
- 2 EXISTING FLOORING TO REMAIN IN THIS ROOM
- 3 FLOORING INSTALLATION PATTERN IN THIS AREA TO BE CPT-1 IN A HERRINGBONE INSTALLATION PATTERN. AREAS IN WHICH CPT-1 IS TO HAVE A DIFFERENT INSTALLATION METHOD IS SHOWN IN THE HATCH.
- 4 PROVIDE NEW PAU UP MATERIAL IN THIS AREA ABOVE EXISTING COUNTERTOP AND RUN UP TO EXISTING CEILING. SEE FINISH SCHEDULE FOR SPECIFICATION INFORMATION.
- 5 EXISTING WOOD BASE THAT OCCURS AT ELEVATOR LOBBIES TO REMAIN. REPAINT EXISTING WOOD BASE WHERE OCCURS TO MATCH ADJACENT WALL FINISH.
- 6 SEE PHONE ROOM ELEVATIONS FOR PAINT INFORMATION.



FLOOR FINISH PLAN - LEVEL 3  
1/8" = 1'-0"



FINISH SCHEDULE

NOTES: 1) INSTALL ALL FINISHES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALL PRODUCTS MUST BE ADA COMPLIANT.  
2) ALL PRODUCTS MUST BE "OR APPROVED EQUAL."

06 00 00 - WOOD, PLASTICS & CARPENTRY

**06 22 00 - FINISH CARPENTRY**  
**W01:**  
PRODUCT: 3/4" X 3 1/2" SLAT  
SPECIES: PLAT SAWN MAPLE (MATCH EXISTING)  
FINISH: CLEAR COATED (MATCH EXISTING)  
LOCATIONS: SEE PLANS

**W02:**  
PRODUCT: WOOD PANEL  
SPECIES: PLAIN SAVED MAPLE  
FINISH: CLEAR COATED  
LOCATIONS: SEE PLANS

**W03:**  
PRODUCT: WOOD VENEER  
SPECIES: PLAIN SAVED MAPLE  
FINISH: CLEAR COATED  
LOCATIONS: SEE PLANS

**W04:**  
PRODUCT: 1 - 1/2" X 5 - 1/2"  
SPECIES: CLEAR COATED PLAIN SAVED MAPLE  
FINISH: CLEAR COATED  
LOCATIONS: SEE PLANS

**W05:**  
PRODUCT: 1 - 1/2" THICK  
SPECIES: CLEAR COATED PLAIN SAVED MAPLE  
FINISH: CLEAR COATED  
LOCATIONS: SEE PLANS

**06 41 00 - ARCHITECTURAL WOOD CASEWORK**  
**PLAM.1**  
MANUFACTURER: ARBORITE  
PRODUCT: PLASTIC LAMINATE  
SIZE: N/A  
COLOR: DISKY GLAMOUR OAK WHITE  
LOCATIONS: SEE ELEVATIONS  
REP CONTACT: JOAN ASKEN  
JASKEN@LAMINART.COM  
425.283.2228

**PLAM.2**  
MANUFACTURER: ARBORITE  
PRODUCT: PLASTIC LAMINATE  
COLOR: CORONA BROWN/SB9CA  
REP CONTACT: JOAN ASKEN  
JASKEN@LAMINART.COM  
425.283.2228

**PLAM.3**  
MANUFACTURER: FORMICA  
PRODUCT: PLASTIC LAMINATE  
COLOR: MOUSE 829-58  
LOCATIONS: SEE ELEVATIONS

**PLAM.4**  
MANUFACTURER: FORMICA  
PRODUCT: PLASTIC LAMINATE  
COLOR: WINTER SKY 829-58  
LOCATIONS: SEE ELEVATIONS

06 40 20 - CASEWORK HARDWARE

**HD.1**  
DRAWER PULL  
MANUFACTURER: MOHETT  
PRODUCT: ROUND TOP DRAWER PULL PT18  
SIZE: 4"  
FINISH: POLISHED CHROME  
LOCATION: BREAK ROOM 220 & QUIET ROOM 224

**05 70 00 - DECORATIVE METAL**  
**MTL.1**  
PRODUCT: POWDER COATED STEEL PANEL  
SIZE: TBD  
COLOR: POWDER COATED TO MATCH PT-7  
FINISH: CLEAR COATED  
LOCATION: RECEPTION DESK

**MTL.2**  
MANUFACTURER: FRY REGLET  
PRODUCT: Z REVEAL  
COLOR: BLACK  
LOCATION: PHONE ROOM BARN DOOR TRANSITIONS

08 81 00 GLASS GLAZING

**GL.1**  
PRODUCT: BENDHEIM  
STYLE: FADE GRADIENT COLORED GLASS  
COLOR: WHITE  
LOCATION: SEE PLANS

**08 87 00 GLAZING SURFACES AT FILM**  
**FILM.1**  
PRODUCT: 3M  
STYLE: FASARA SHOCKWIL, CROSS HAIRLINE MILKY  
LOCATION: SEE PLANS

09 30 00 - TILING

**CE.1**  
MANUFACTURER: NEMO TILE  
PRODUCT: METRO  
COLOR: LUXE GRAY GLOSS  
SIZE: 6"x6"  
LOCATIONS: 2ND FLOOR BREAK ROOM  
GROUT: CUSTOM BUILDING PRODUCTS - 22 SAHARA SAND  
GROUT WIDTH: 1/8"

09 30 33 - CONCRETE FLOORING

**CONC.**  
EXISTING CONCRETE FLOORING TO BE FINISHED PER MASTER SPEC.  
POLISHED CONCRETE: ADD ALTERNATE FOR LOBBY 100

SEAL: POLISHED CONCRETE: COFFEE BAR 108, BREAK ROOMS 205, 220, 224, 306, AND 336

FRAME ROOMS 225 & 332

09 65 19 - RESILIENT FLOORING & BASE

**RB-1:**  
MANUFACTURER: FLEKCO  
PRODUCT: COVE WALL BASE  
SIZE: 4"  
COLOR: MEDIUM GRAY 014  
LOCATIONS: GENERAL WALL BASE UNLESS NOTED OTHERWISE

**RB-2:**  
NOT USED

**RB-3:**  
MANUFACTURER: FLEKCO  
PRODUCT: COVE WALL BASE  
SIZE: 4"  
COLOR: GOLDENROD 096  
LOCATIONS: SEE PLANS

**RB-4:**  
MANUFACTURER: FLEKCO  
PRODUCT: COVE WALL BASE  
SIZE: 4"  
COLOR: BLUE SHADOW 058  
LOCATIONS: SEE PLANS

**RB-5:**  
MANUFACTURER: FLEKCO  
PRODUCT: COVE WALL BASE  
SIZE: 4"  
COLOR: PEACOCK 118  
LOCATIONS: SEE PLANS

**RB-6:**  
MANUFACTURER: ROPPE  
PRODUCT: COVE WALL BASE  
SIZE: 4"  
COLOR: NICKEL 990  
LOCATIONS: SEE PLANS

**RB-7:**  
MANUFACTURER: TARKETT  
PRODUCT: COVE WALL BASE  
SIZE: 4"  
COLOR: 262 DRIZZLE  
LOCATIONS: SEE PLANS

**RB-8:**  
MANUFACTURER: TARKETT  
PRODUCT: COVE WALL BASE  
SIZE: 4"  
COLOR: 192 TIDEWATER  
LOCATIONS: SEE PLANS

**RB-9:**  
MANUFACTURER: ROPPE  
PRODUCT: COVE WALL BASE  
SIZE: 4"  
COLOR: 169 HUNTER GREEN  
LOCATIONS: SEE PLANS

**RB-10:**  
MANUFACTURER: TARKETT  
PRODUCT: COVE WALL BASE  
SIZE: 4"  
COLOR: 162 SOVEREIGN  
LOCATIONS: SEE PLANS

09 68 00 - CARPETING

**CP.1**  
MANUFACTURER: INTERFACE  
PRODUCT: NATURES COURSE 12899X400  
SIZE: 18" X 36"  
COLOR: 10584 MINERAL  
LOCATIONS: GENERAL CARPET  
INSTALLATION: ASH-LAR AND HERRINGBONE. SEE PLANS FOR ADDITIONAL INFORMATION.  
REP CONTACT: KARIN GILROY  
KAREN.GILROY@INTERFACE.COM

**CP.2:** NOT USED

**CP.3:** NOT USED

**WOM.1**  
MANUFACTURER: PATACRAFT  
PRODUCT: 1655 CONNECTING  
SIZE: 24" X 24"  
COLOR: 0020 VINNER  
LOCATIONS: GROUND FLOOR LOBBY  
INSTALLATION: MONOLITHIC

09 51 00 - ACOUSTICAL CEILINGS

**(EL)AC.1**  
G.C. TO PROVIDE REPLACEMENT TILE TO MATCH EXISTING CEILING TILES WHERE TILES ARE TO BE REPLACED DUE TO DAMAGE OR DEMOLITION.

**(IN)AC.2**  
MANUFACTURER: ARMSTRONG  
STYLE: ULTIMA  
SIZE: 24"x24"  
INSTALLATION: LAY-IN  
COLOR: WHITE

**(IN)AC.3**  
MANUFACTURER: USG  
STYLE: KITCHEN LAY-IN PANELS  
SIZE: 24"x24"  
INSTALLATION: LAY-IN  
COLOR: WHITE  
NOTES: SEE MASTER SPECIFICATION FOR ADDITIONAL INFORMATION.

09 84 00 - ACOUSTICAL WALL PANELS

**AP.1**  
MANUFACTURER: ARMSTRONG  
PRODUCT: TECTUM WALL PANEL  
COLOR: WHITE  
LOCATIONS: EXISTING BREAK ROOMS. SEE PLANS

09 91 00 - PAINTS AND COATINGS

**ALL EXISTING DOORS ARE TO BE PAINTED UNLESS OTHERWISE NOTED. DOORS TO BE PAINTED TO MATCH ADJACENT WALL PER THE SPECIFICATIONS BELOW, UNLESS OTHERWISE NOTED. SEE DOOR SCHEDULE FOR ADDITIONAL INFORMATION.**

**STARWELL DOORS ARE EXCLUDED FROM THIS SCOPE.**  
**PT-1:**  
MANUFACTURER: BENJAMIN MOORE  
PRODUCT: EGGSHELL AT WALLS, FLAT AT CEILING  
COLOR: CLOUD WHITE CC-136  
LOCATIONS: GENERAL FELD AND CEILING PAINT

**PT.2:**  
MANUFACTURER: BENJAMIN MOORE  
PRODUCT: EGGSHELL WALLS  
COLOR: RENDAL CHARCOAL HC-186  
LOCATIONS: EXISTING ELEVATOR DOORS ONLY

**PT.3:**  
MANUFACTURER: SHERWIN WILLIAMS  
PRODUCT: EGGSHELL WALLS  
COLOR: MARRHEAD GOLD HC-11  
LOCATIONS: SEE PLANS

**PT.4:**  
MANUFACTURER: BENJAMIN MOORE  
PRODUCT: EGGSHELL WALLS  
COLOR: CATALINA BLUE 703  
LOCATIONS: SEE PLANS

**PT.5:**  
MANUFACTURER: BENJAMIN MOORE  
PRODUCT: EGGSHELL WALLS  
COLOR: DEL MAR BLUE 704  
LOCATIONS: SEE PLANS

**PT.6:**  
MANUFACTURER: BENJAMIN MOORE  
PRODUCT: EGGSHELL WALLS  
COLOR: MT ST ANNE 1565  
LOCATIONS: SEE PLANS

**PT.7:**  
MANUFACTURER: SHERWIN WILLIAMS  
PRODUCT: EGGSHELL WALLS  
COLOR: MEDITERRANEAN SW7617  
LOCATIONS: SEE PLANS & REVEAL COLOR AT WOOD-PANEL WALL AT RECEPTION

**PT.8:**  
MANUFACTURER: BENJAMIN MOORE  
PRODUCT: EGGSHELL WALLS  
COLOR: HILLS SPRING BLUE HC-137  
LOCATIONS: PLANS

**PT.9:**  
MANUFACTURER: BENJAMIN MOORE  
PRODUCT: EGGSHELL WALLS  
COLOR: LUSH AF-475  
LOCATIONS: SEE PLANS

**PT.10:**  
MANUFACTURER: BENJAMIN MOORE  
PRODUCT: TECTUM WALL PANEL  
COLOR: WHITE  
LOCATIONS: SEE PLANS

**PT.11:**  
MANUFACTURER: BENJAMIN MOORE  
PRODUCT: EGGSHELL WALLS  
COLOR: FROSTED BERRY CC-8  
LOCATIONS: SEE PLANS

12 36 00 - COUNTERTOPS

**SS.1**  
MANUFACTURER: CORIAN  
PRODUCT: GLACIER ICE  
LOCATIONS: RECEPTION DESK



TYPICAL ELEVATOR LOBBY PAINT DIAGRAM 2ND AND 3RD FLOOR  
3/8" = 1'-0"



TYPICAL ELEVATOR LOBBY PAINT DIAGRAM 2ND AND 3RD FLOOR NON WOOD WALLS  
3/8" = 1'-0"

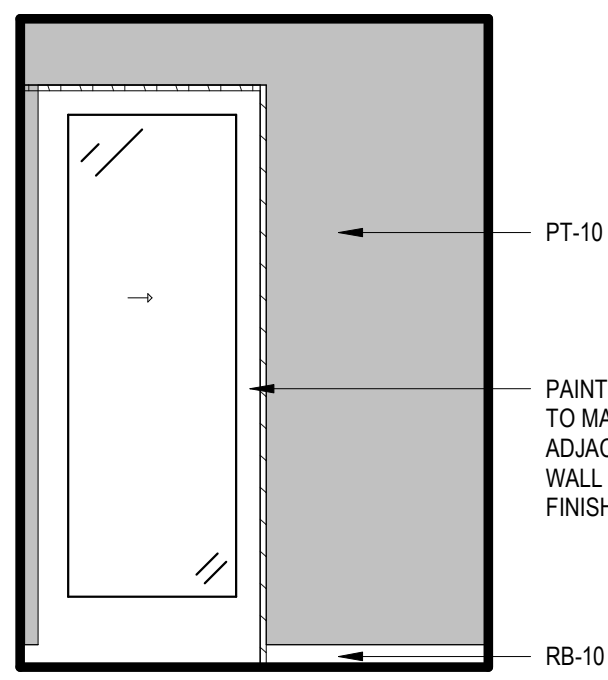
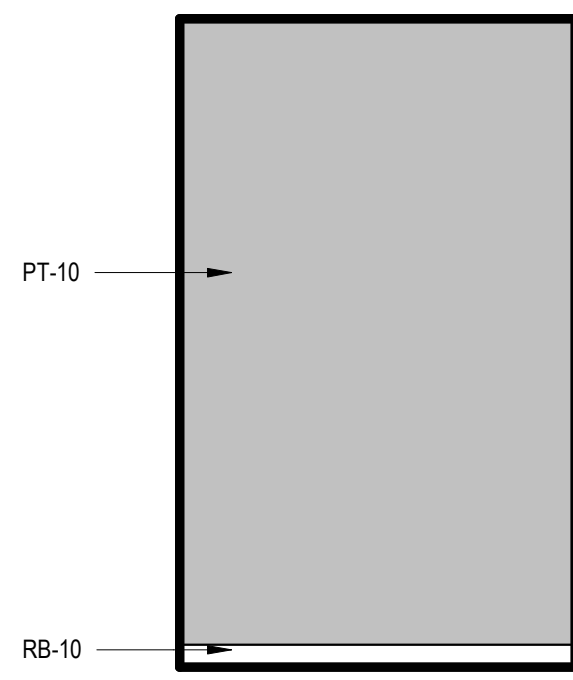
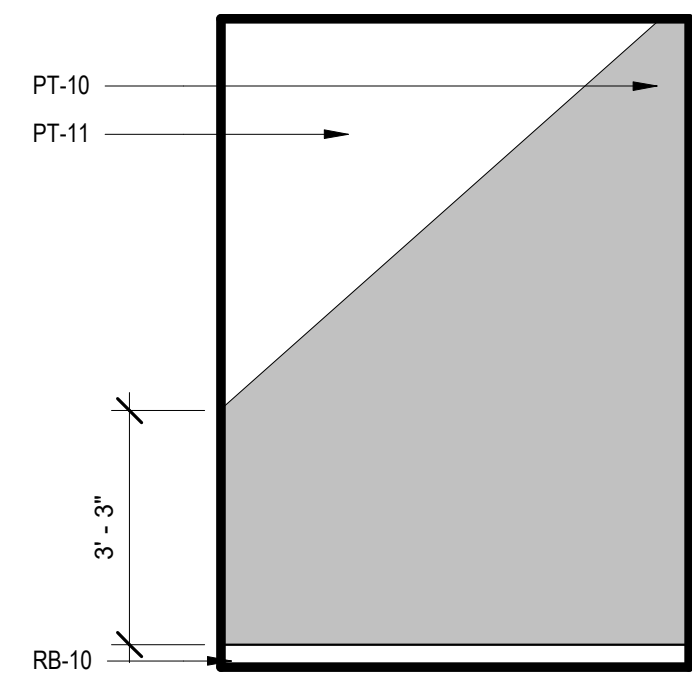
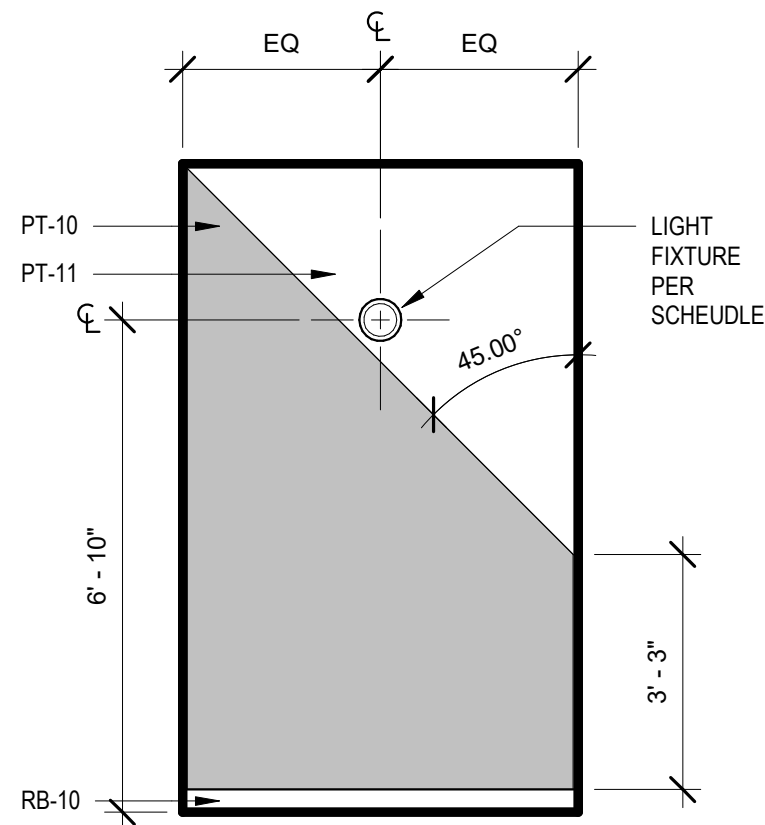
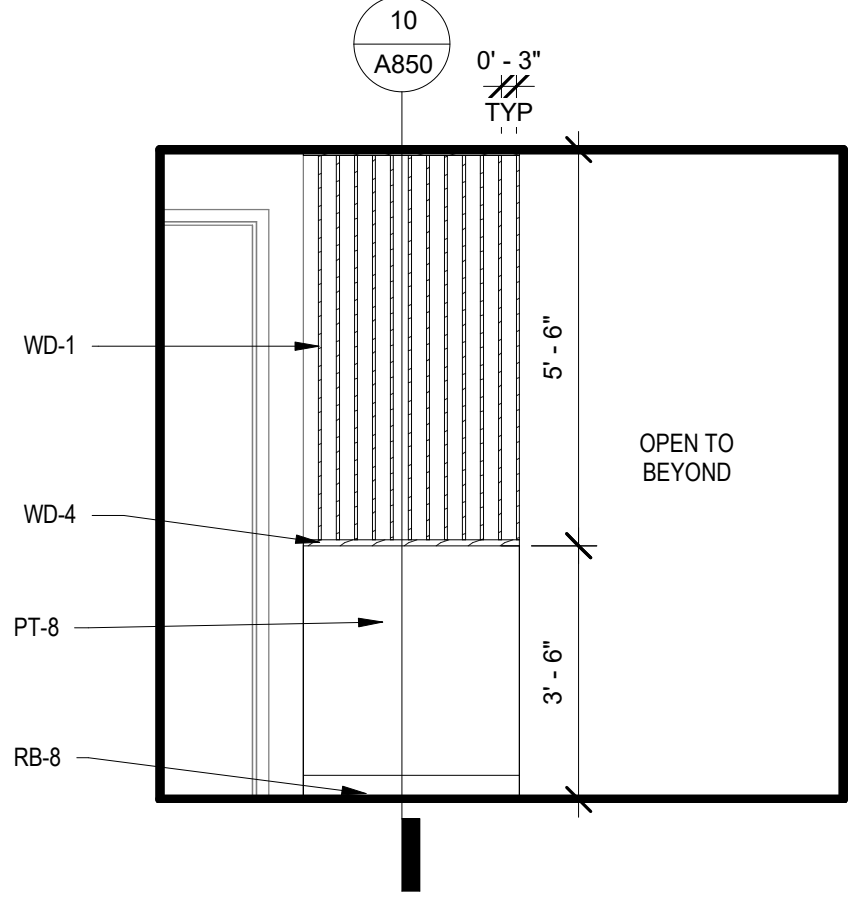
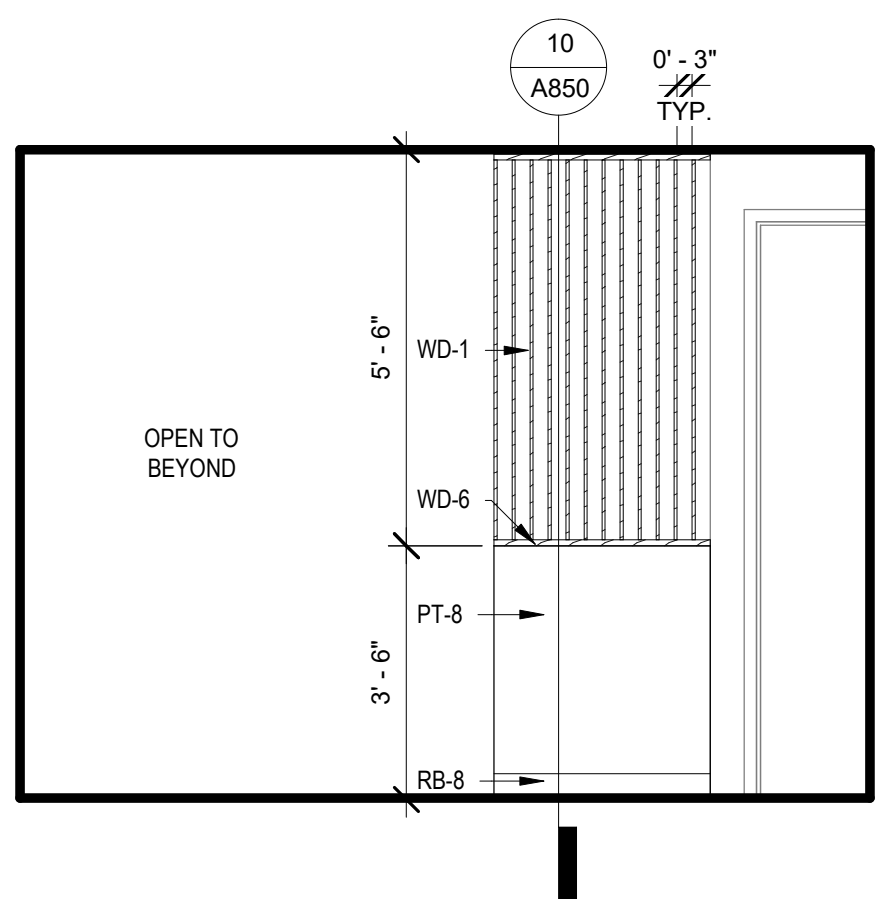
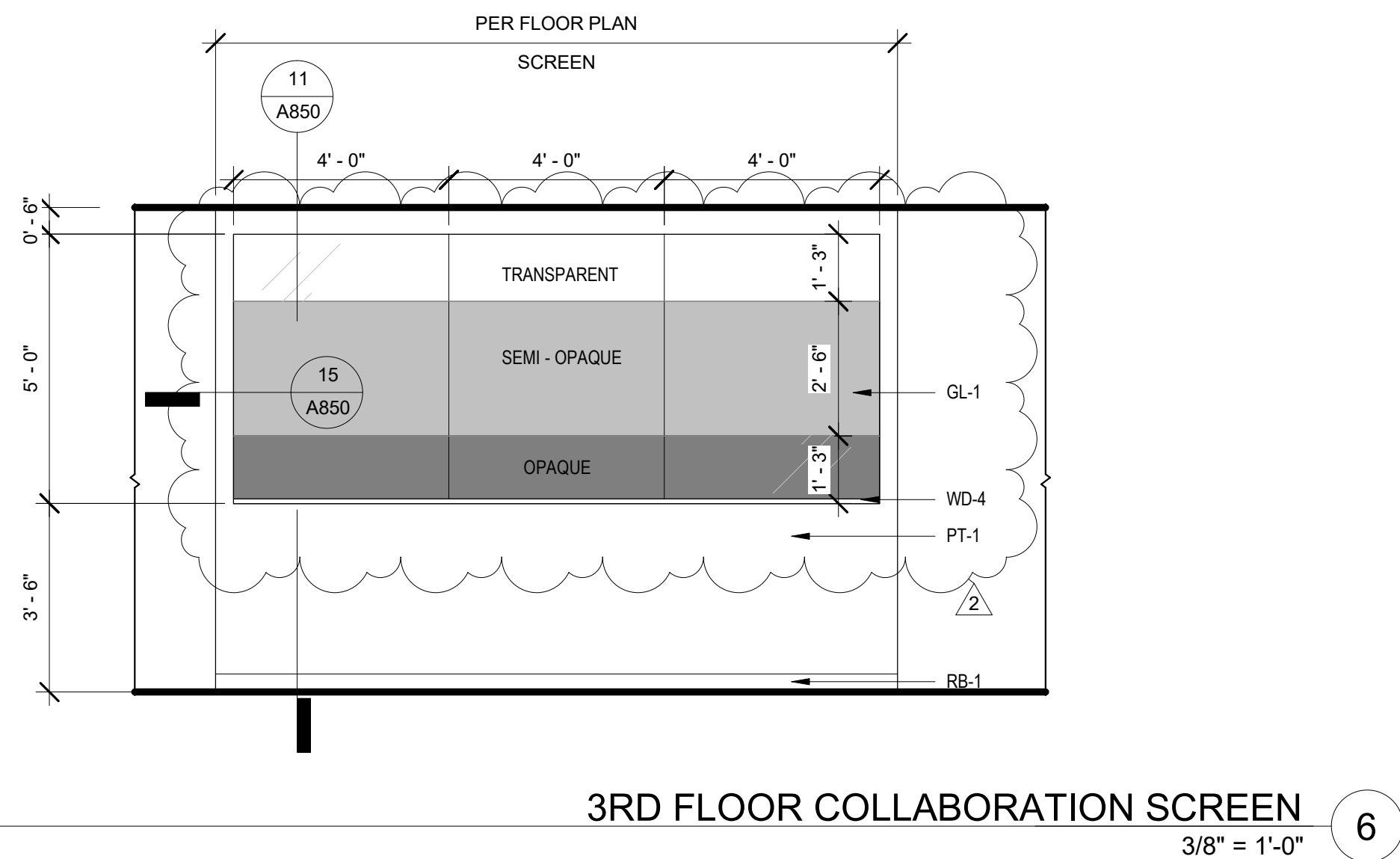
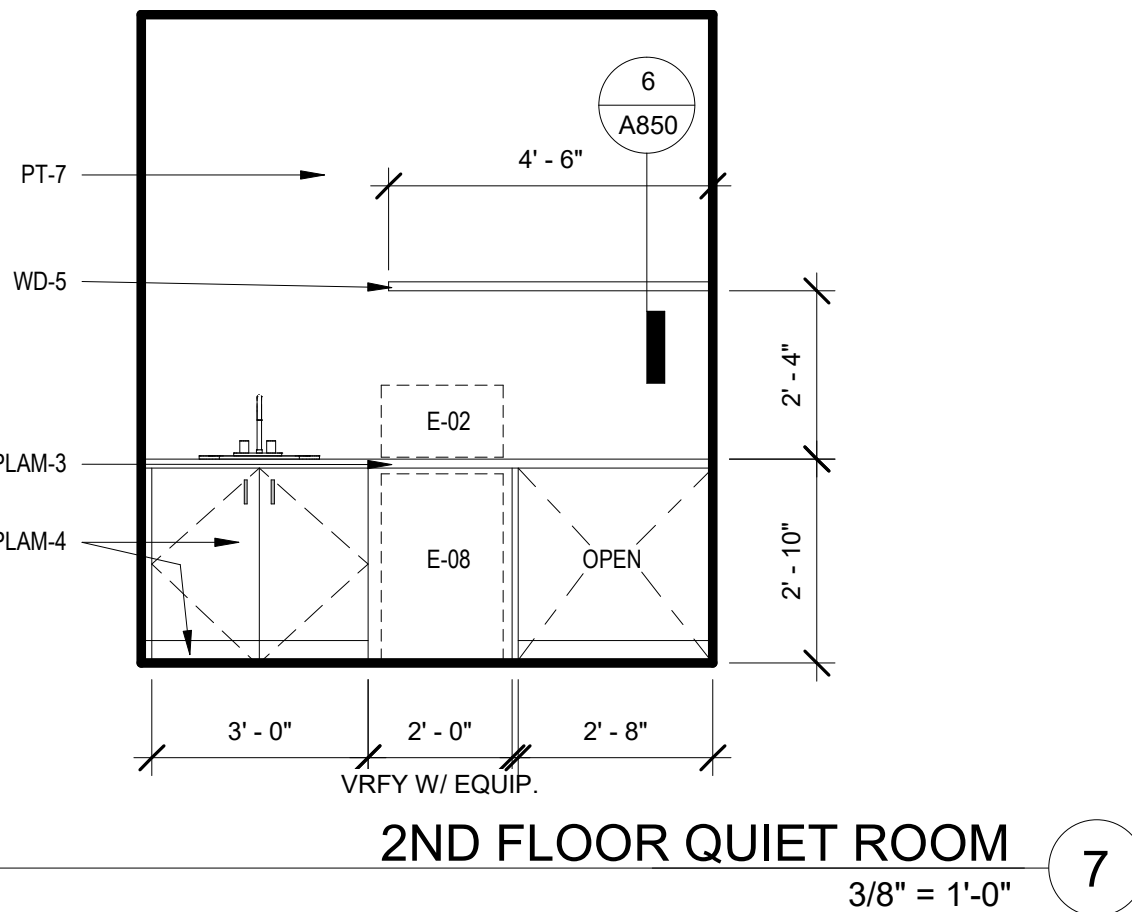
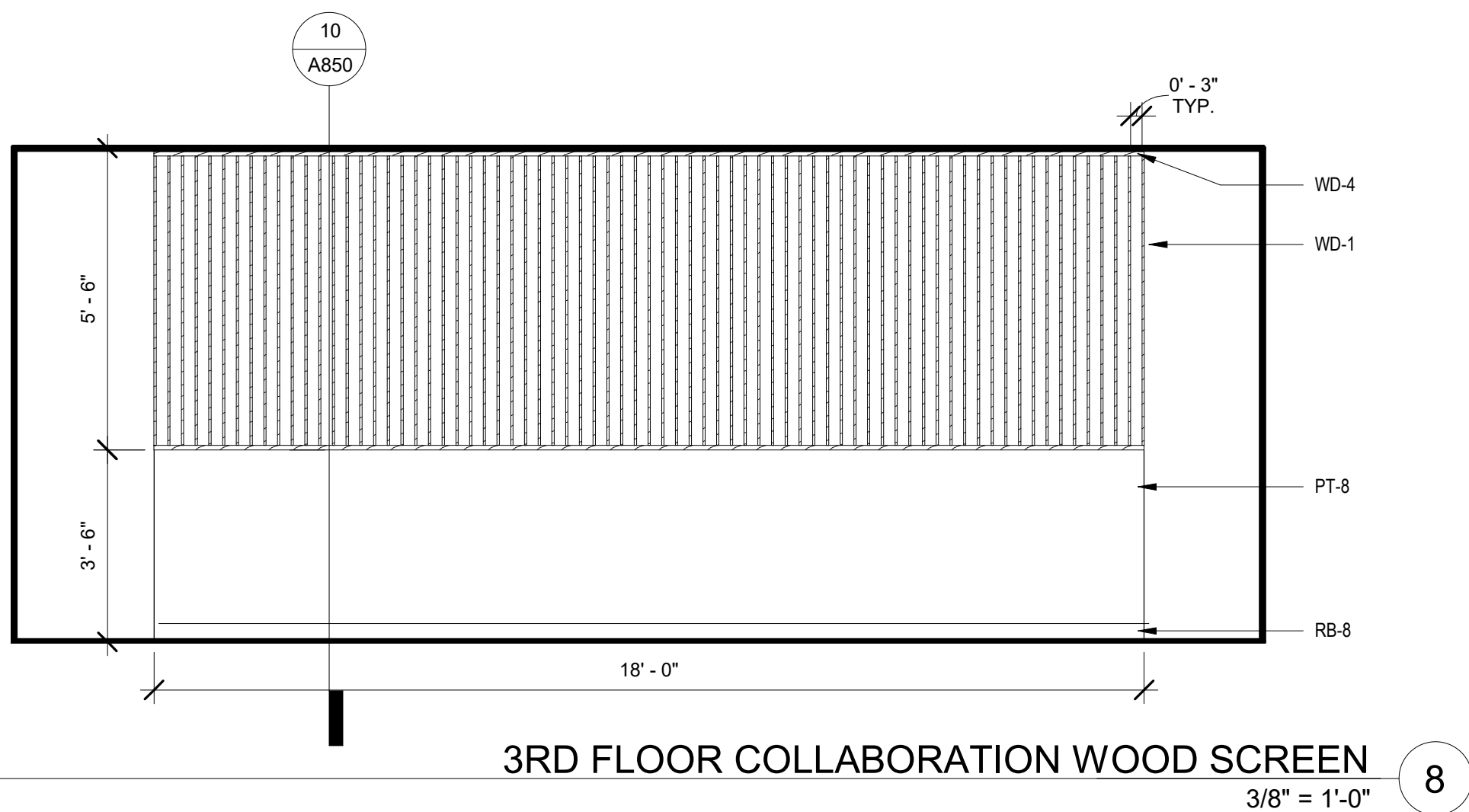
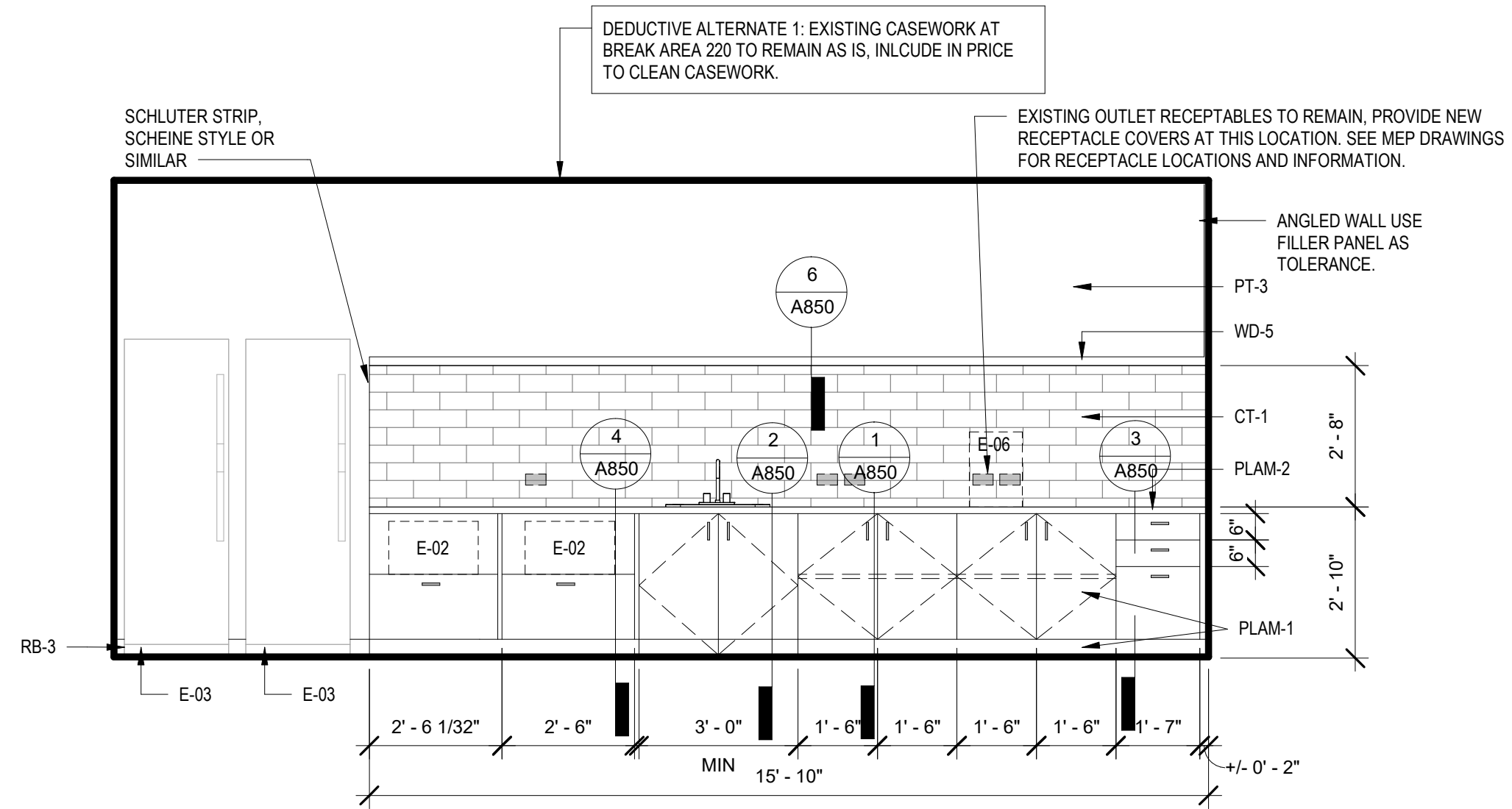
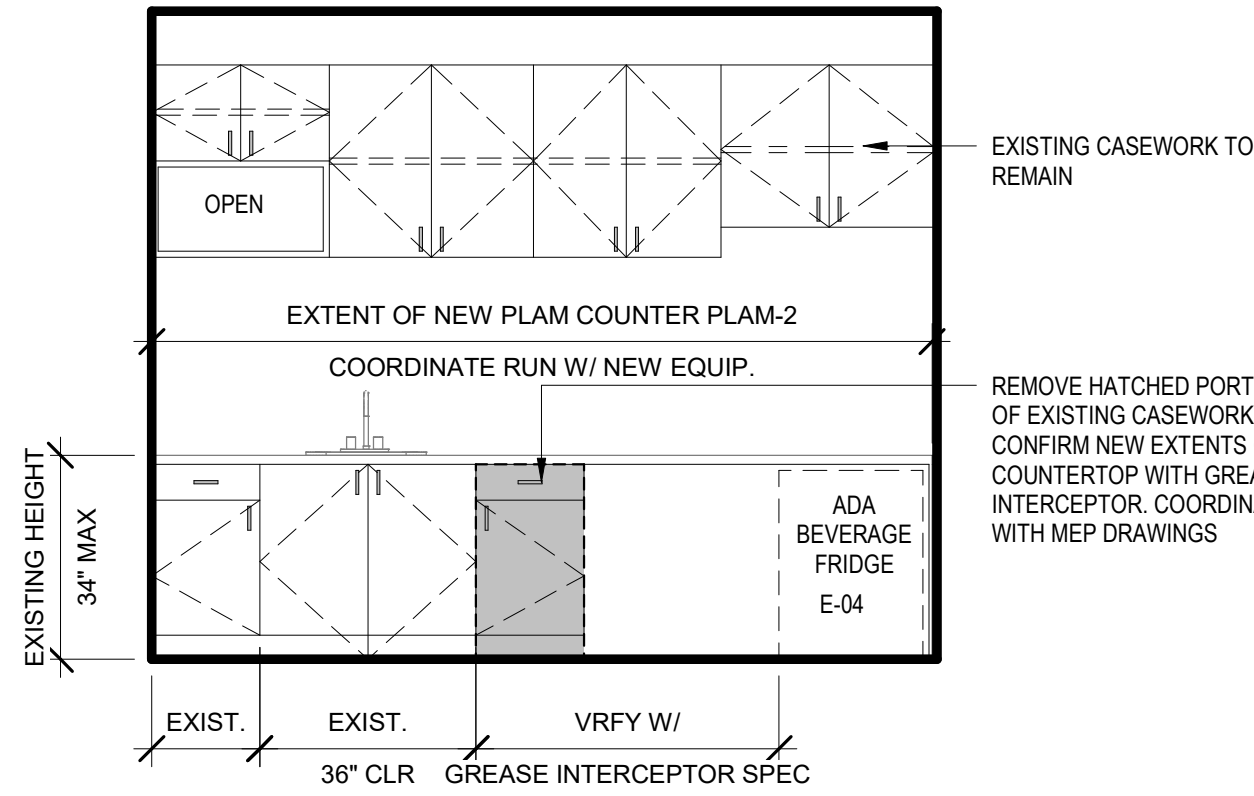
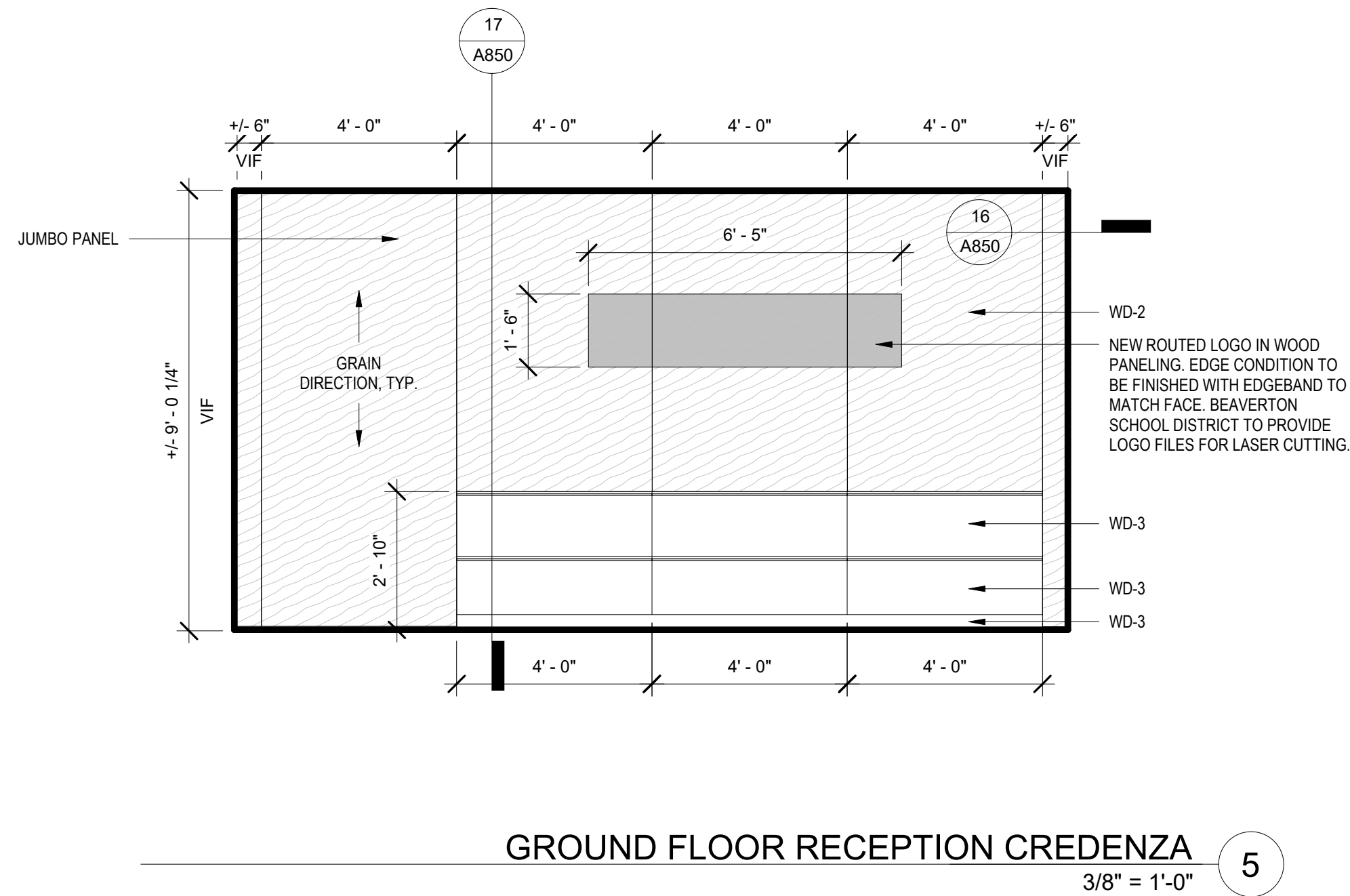
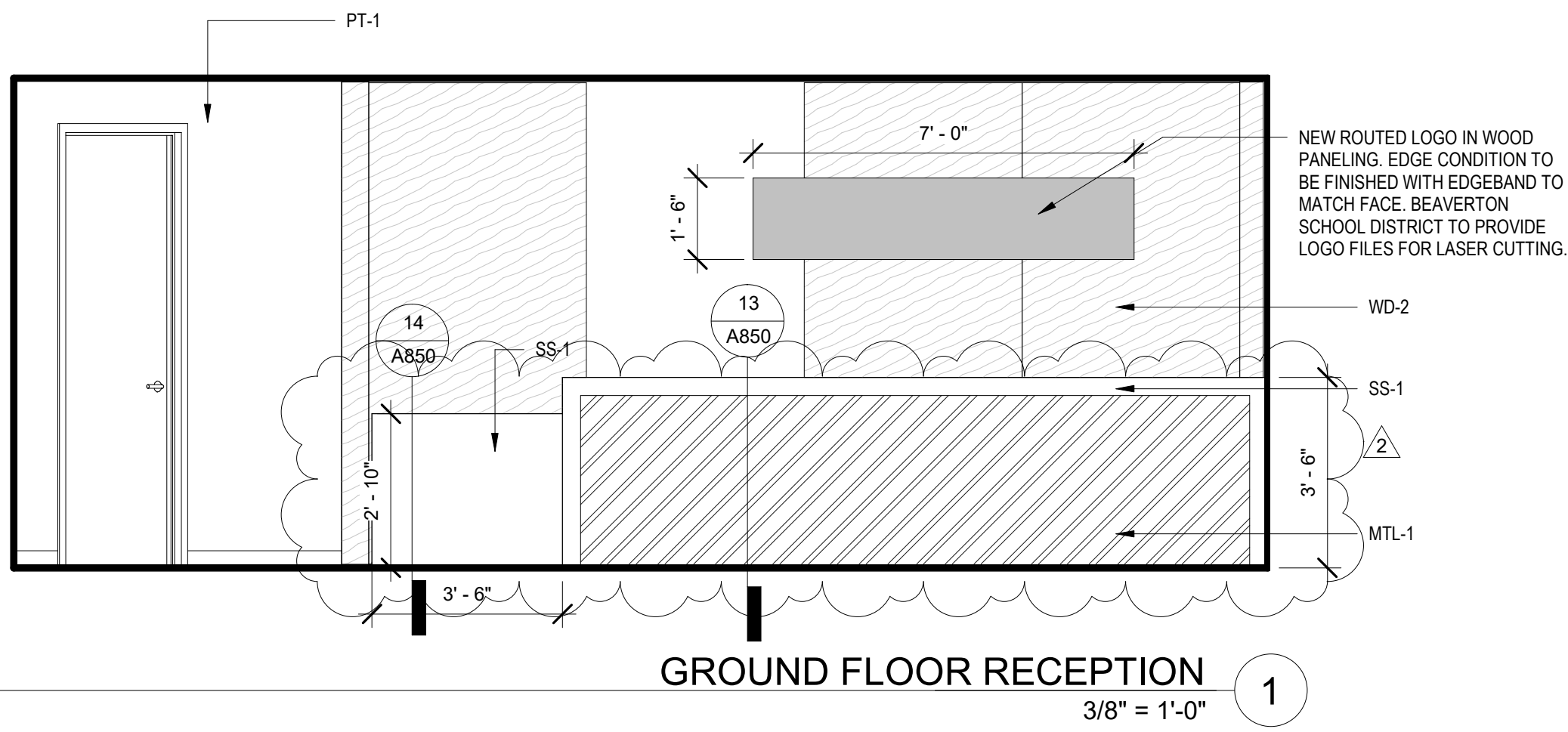
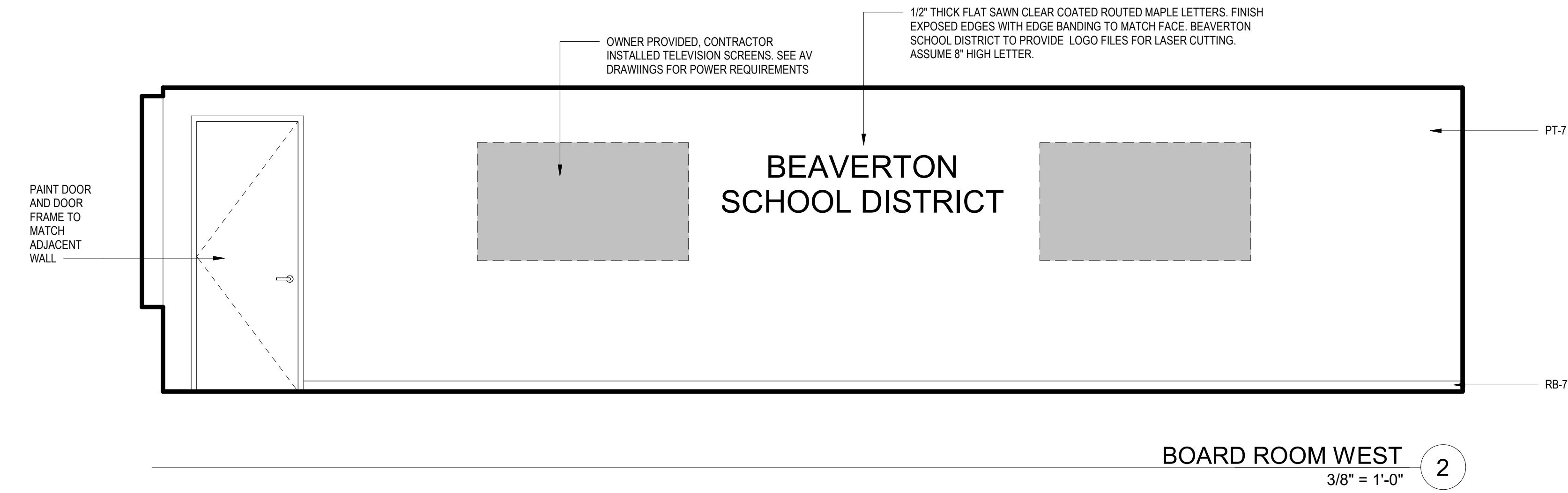
GENERAL NOTES - FINISH PLANS

- REFER TO SHEET 0001 FOR COMPLETE LIST OF GENERAL NOTES.
- REFER TO SHEET A600 FOR FINISH SCHEDULE AND MATERIAL PRODUCT INFORMATION.
- SEE SPECIFICATIONS FOR REQUIREMENTS TO PROVIDE PRODUCT INFORMATION, SAMPLES, DIAGRAMS, SHOP DRAWINGS AND/OR MOCKUPS.
- ALL INTERIOR FINISHES TO MEET A MINIMUM CLASS C ASTM E86 RATING PER SHEET G101.
- REFER TO SHEET A800 FOR CONDITIONS REQUIRING MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD.
- PREPARE ALL SURFACES TO RECEIVE FINISHES PER MANUFACTURER'S RECOMMENDATIONS. INSTALL ALL FINISHES PER MANUFACTURER'S INSTRUCTIONS.
- UNLESS NOTED OTHERWISE, CENTER ALL FIELD MATERIALS ON WALLS TO CREATE EVEN DISTRIBUTION OF PATTERNS. AT CERAMIC TILE WALLS, COORDINATE INSTALLATION TO ACCOMMODATE THE TILE MODULE WHERE SPECIFICALLY CALLED OUT.
- TERMINATE ALL EXPOSED CERAMIC TILE EDGES WITH A SCHLUTER (SCHENE) STRIP. COLOR TO BE SELECTED BY THE ARCHITECT.
- AT PAINTED SURFACES, USE CONSISTENT INSTALLATION AND TOUCH UP METHODS TO CREATE A CONSISTENT AND UNIFORM LOOK IN APPLICATION AND TEXTURE.
- PROVIDE THE FOLLOWING PAINT SHEENS AT THE BELOW CONDITIONS, UNLESS NOTED OTHER WISE.

WALLS:	EGGSHELL ENAMEL
CEILINGS:	FLAT
TRIM:	SEMI-GLOSS
WOOD/MDF:	SEMI-GLOSS
- AT FINISHED WOOD WORK, PROVIDE A MINIMUM (2) COATS OF CLEAR POLY URETHANE UNLESS OTHERWISE NOTED. TO PROVIDE A MINIMUM CLASS C ASTM E86 RATING.
- UNLESS NOTED OTHERWISE, PROVIDE A TOOLED CAULK JOINT AT ALL DISSIMILAR MATERIALS. COLOR TO BE SELECTED BY THE ARCHITECT.
- ALL EXISTING ELECTRICAL RECEPTACLE COVERS ARE TO BE PAINTED TO MATCH ADJACENT SURFACE WHEN ON AN ACCENT WALL OR A GRAPHICS WALL.

GENERAL NOTES - INTERIOR ELEVATIONS

- A. REFER TO SPECIFICATIONS FOR COMPLETE LIST OF GENERAL NOTES.
- B. COORDINATE FINISH LOCATIONS WITH FINISH FLOOR PLANS AND THE PROJECT'S ROOM FINISH SCHEDULE.
- C. NOT ALL FINISHES MAY BE TAGGED ON FINISH FLOOR PLANS OR INTERIOR ELEVATIONS. COORDINATE FINISH LOCATIONS WITH LOCATION NOTES CONTAINED WITHIN THE LEGEND - FINISH SCHEDULE.
- D. REFER TO TYPICAL CASEWORK DETAILS ON SHEET A650 FOR DESIGN DIRECTION OF CASEWORK. THESE DETAILS APPLY TO ALL CASEWORK WITHIN THE PROJECT EVEN IF NOT TAGGED WITHIN INTERIOR ELEVATIONS.
- E. IN GENERAL, PROVIDE PULLS AT CASEWORK DOORS AND PULLS AT CASEWORK DRAWERS UNLESS NOTED OTHERWISE.
- F. PROVIDE COMPLETE SYSTEMS FOR INSTALLATION, JOINTS AND TRANSITIONS OF ALL FINISHES INCLUDING TRANSITION AND TERMINATION STRIPS.



WOOD SCREEN - ELEVATOR LOBBY SIDE A  
3/8" = 1'-0"

WOOD SCREEN - ELEVATOR LOBBY SIDE B  
3/8" = 1'-0"

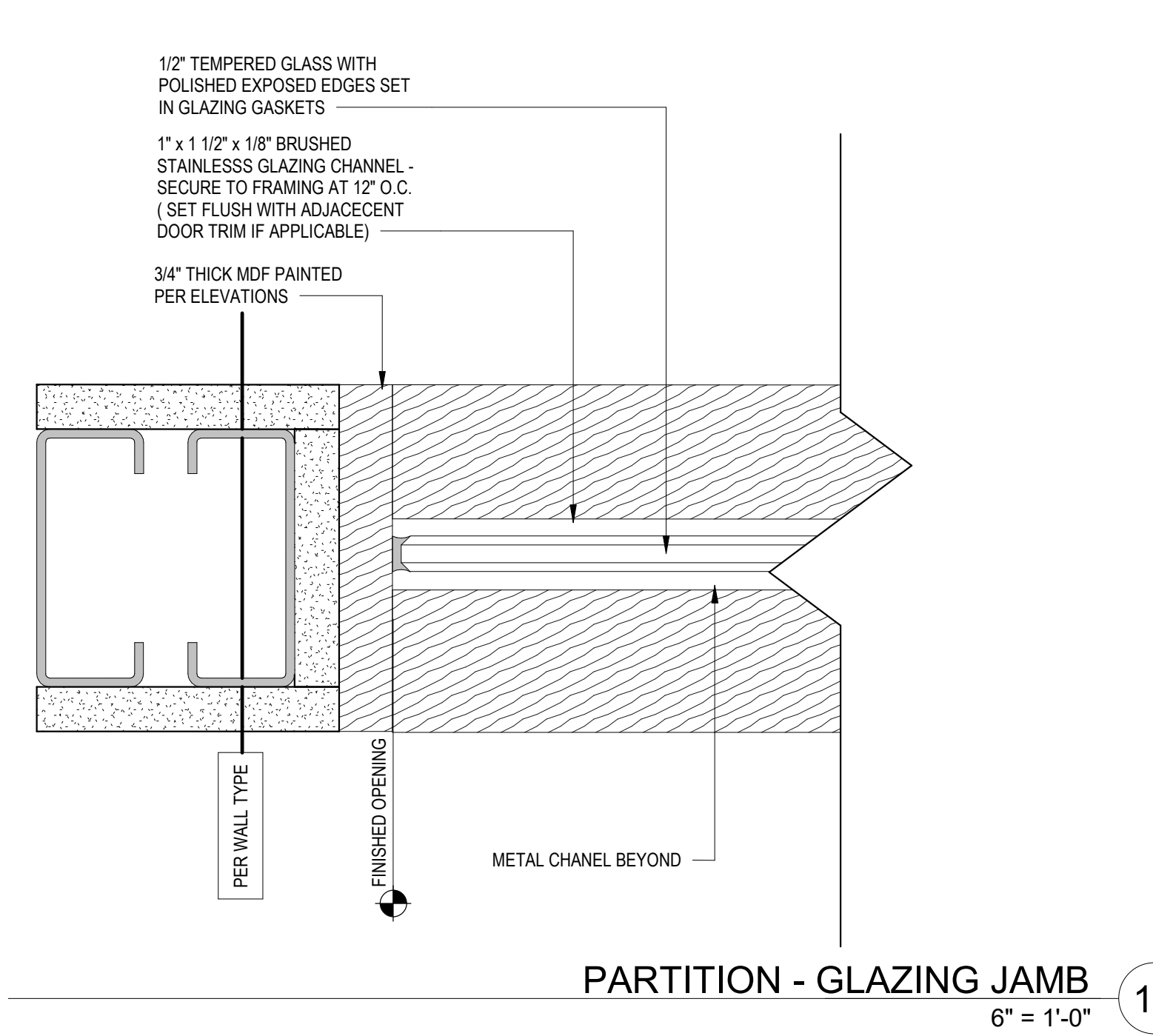
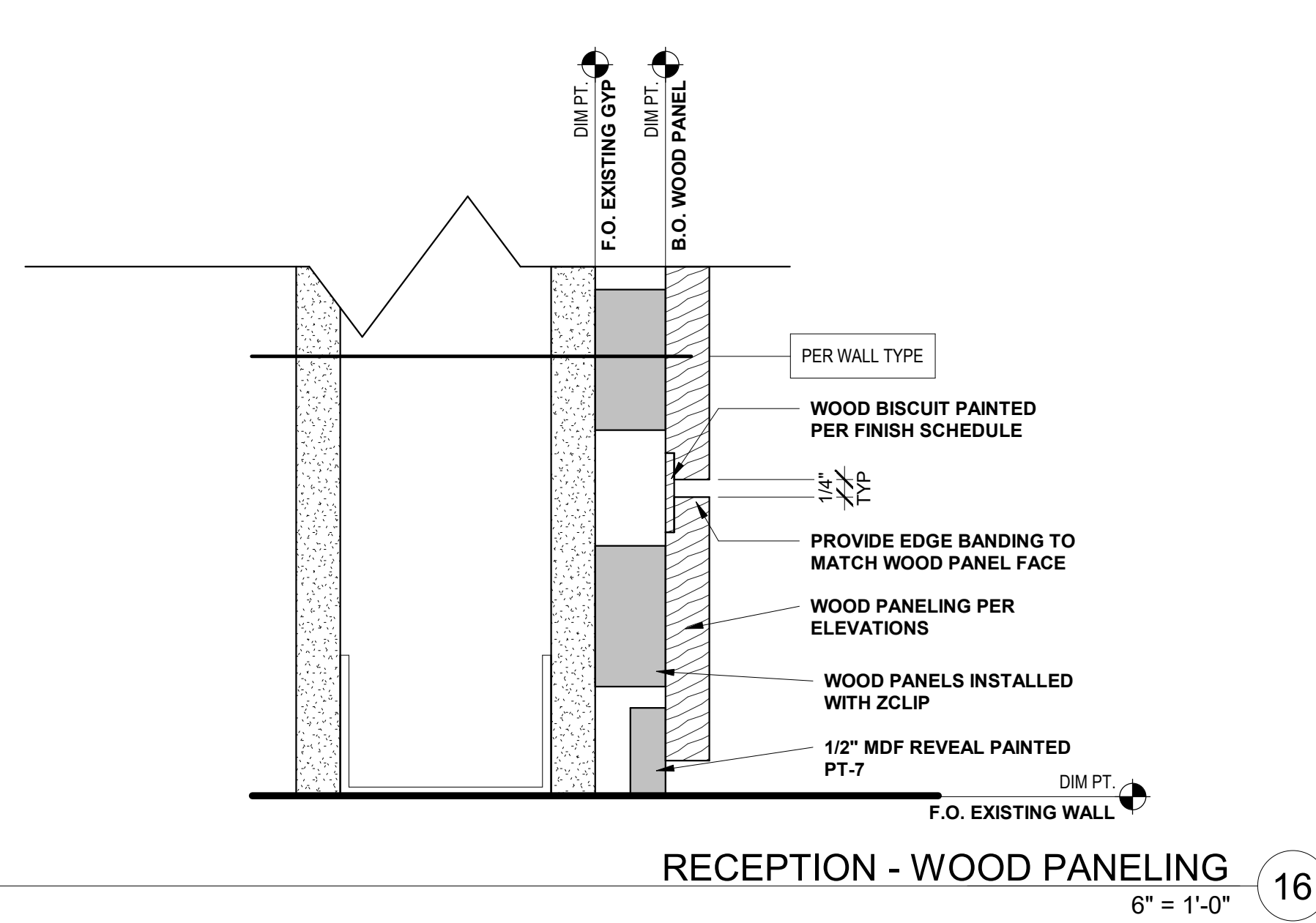
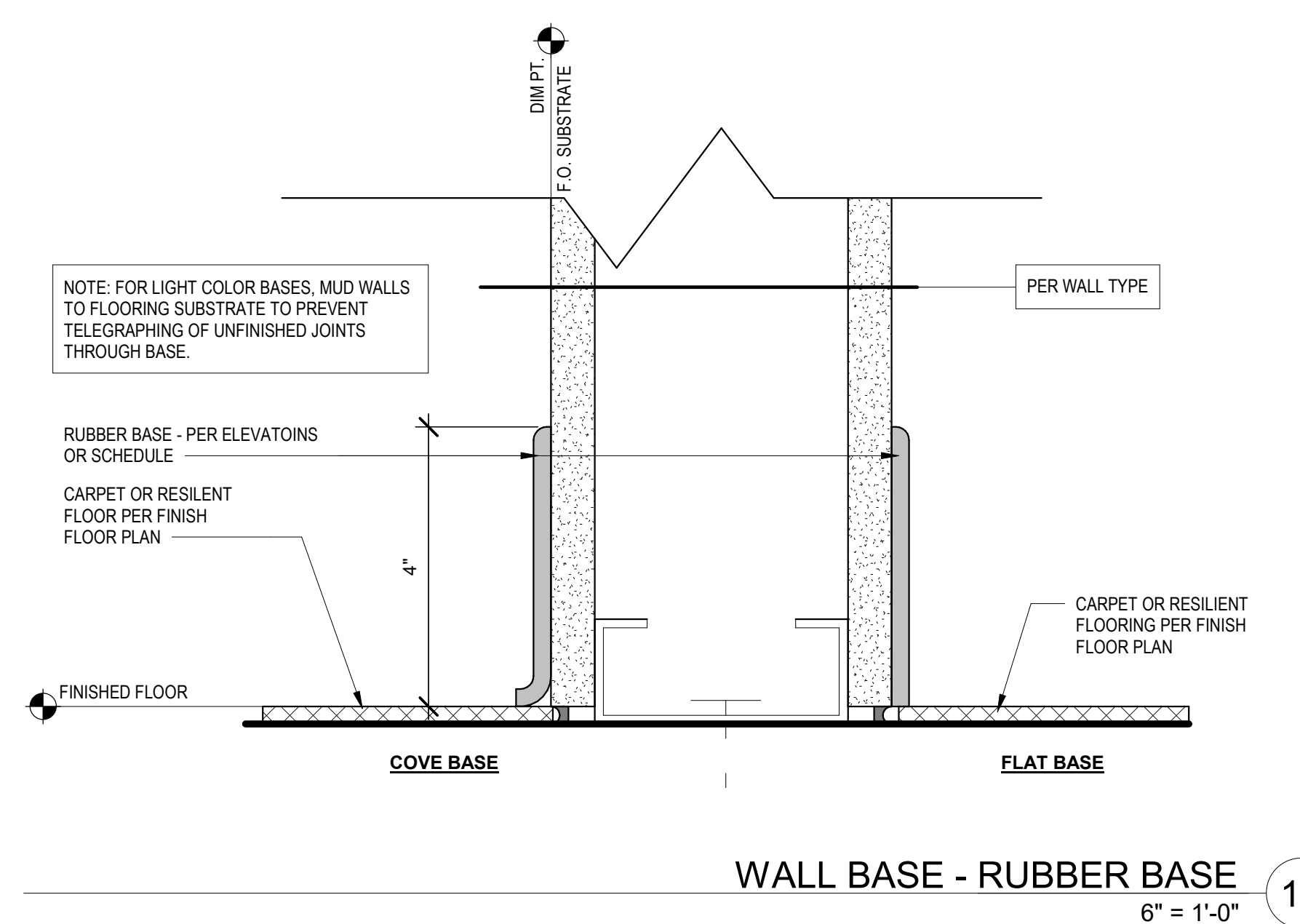
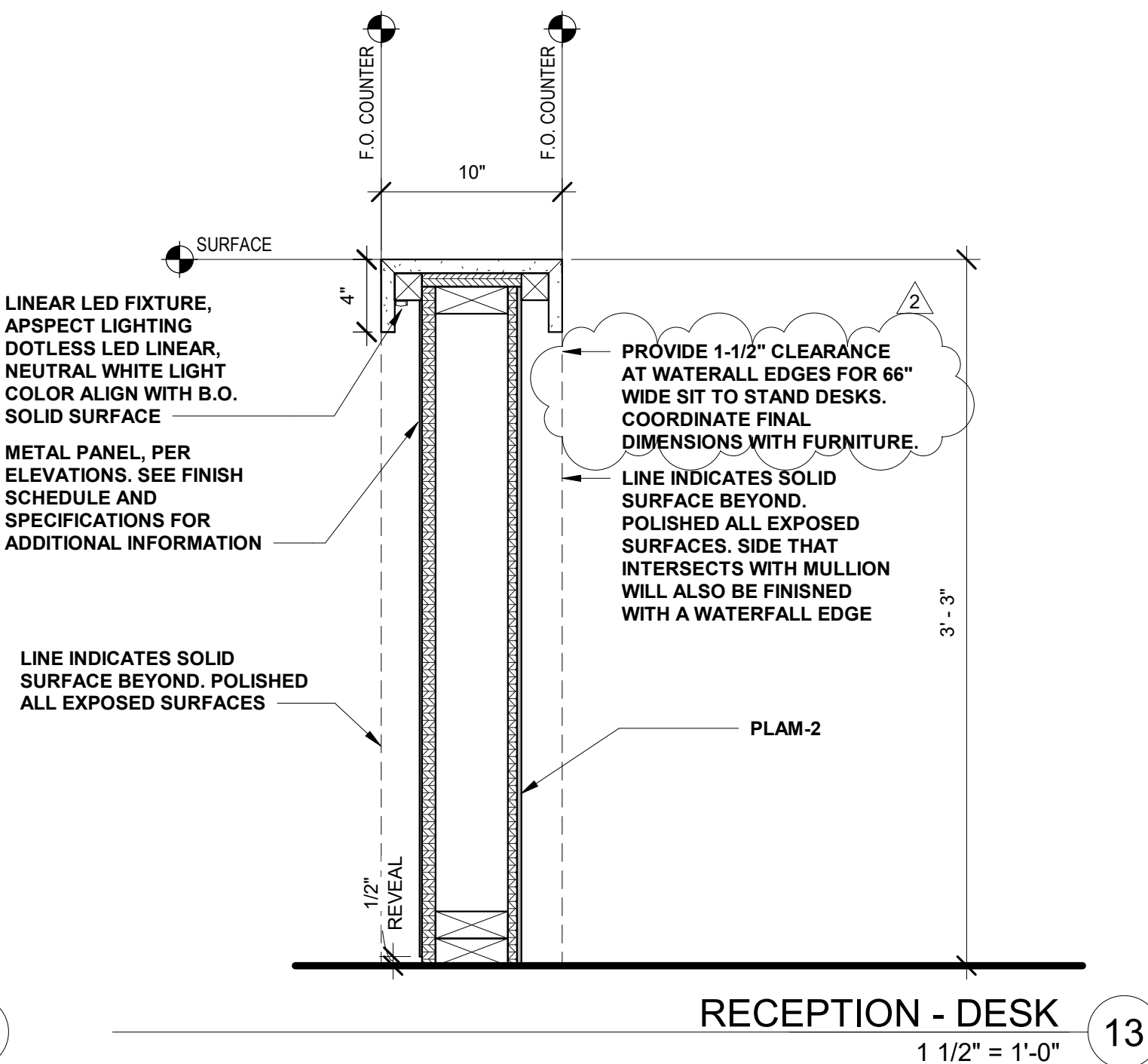
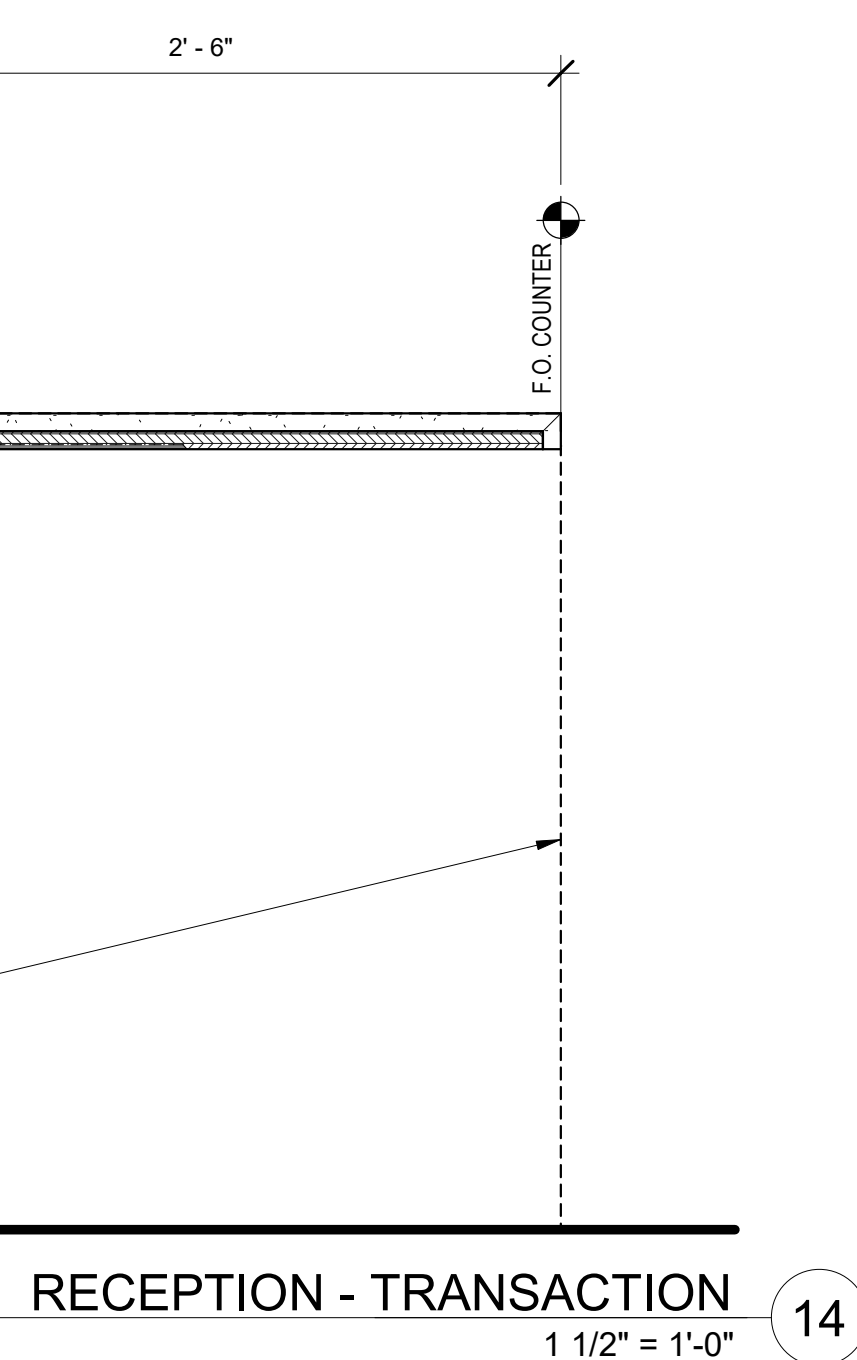
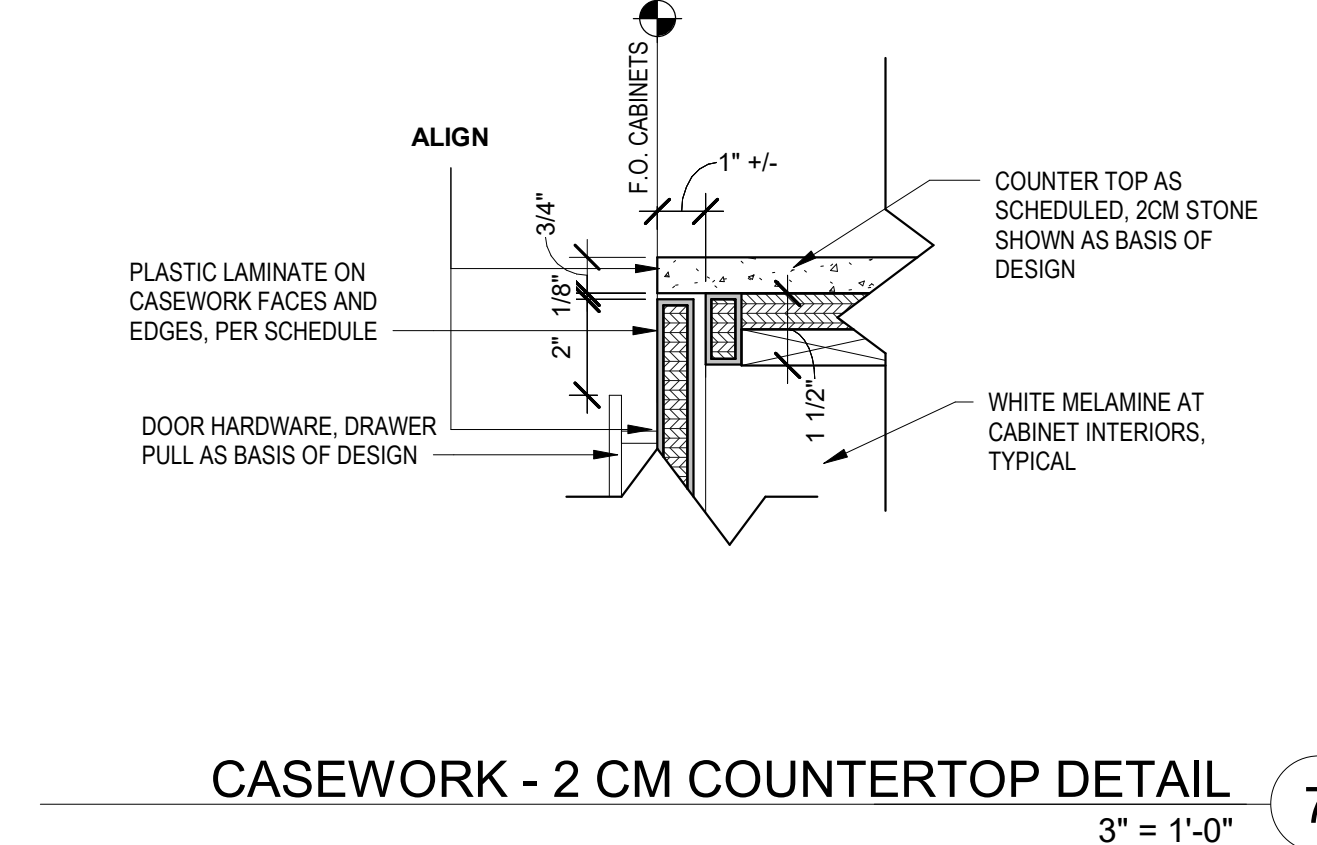
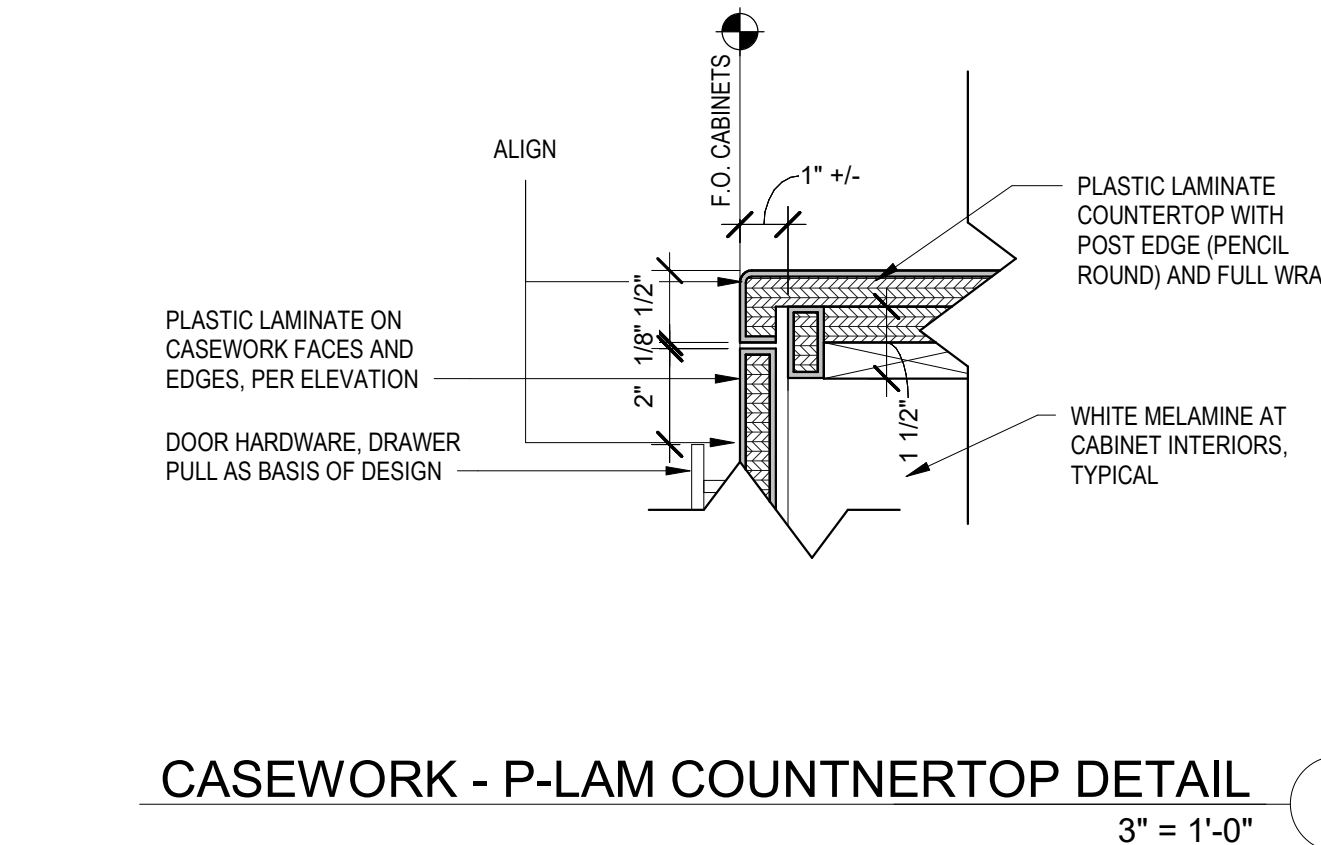
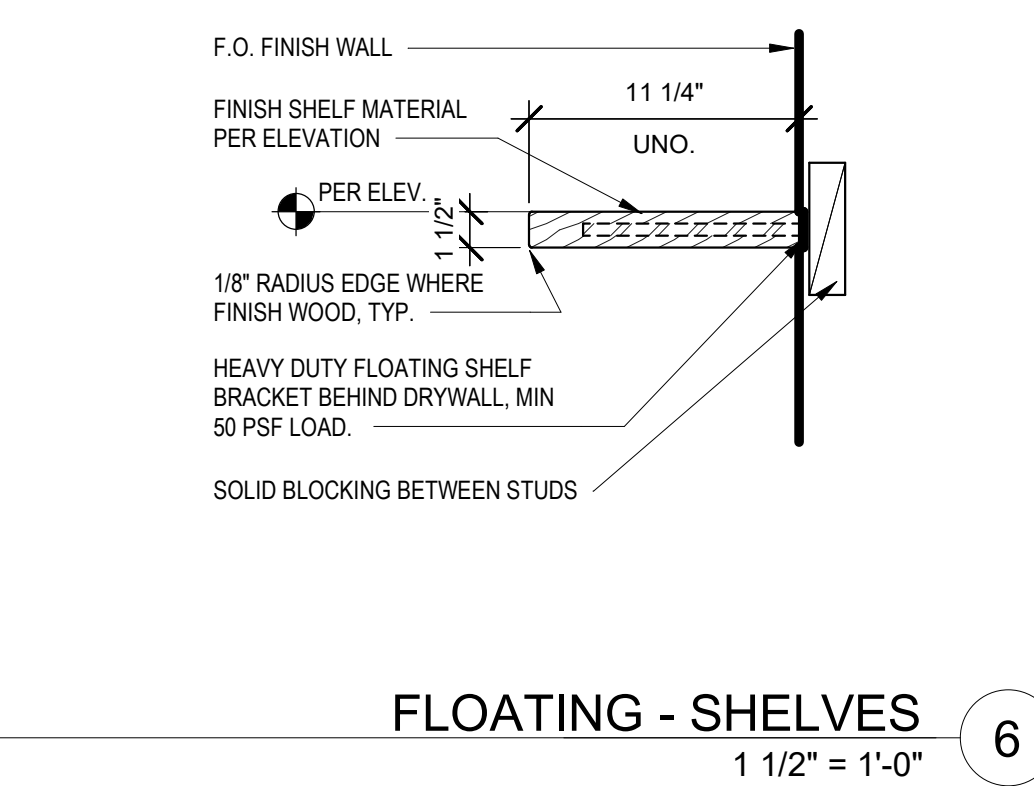
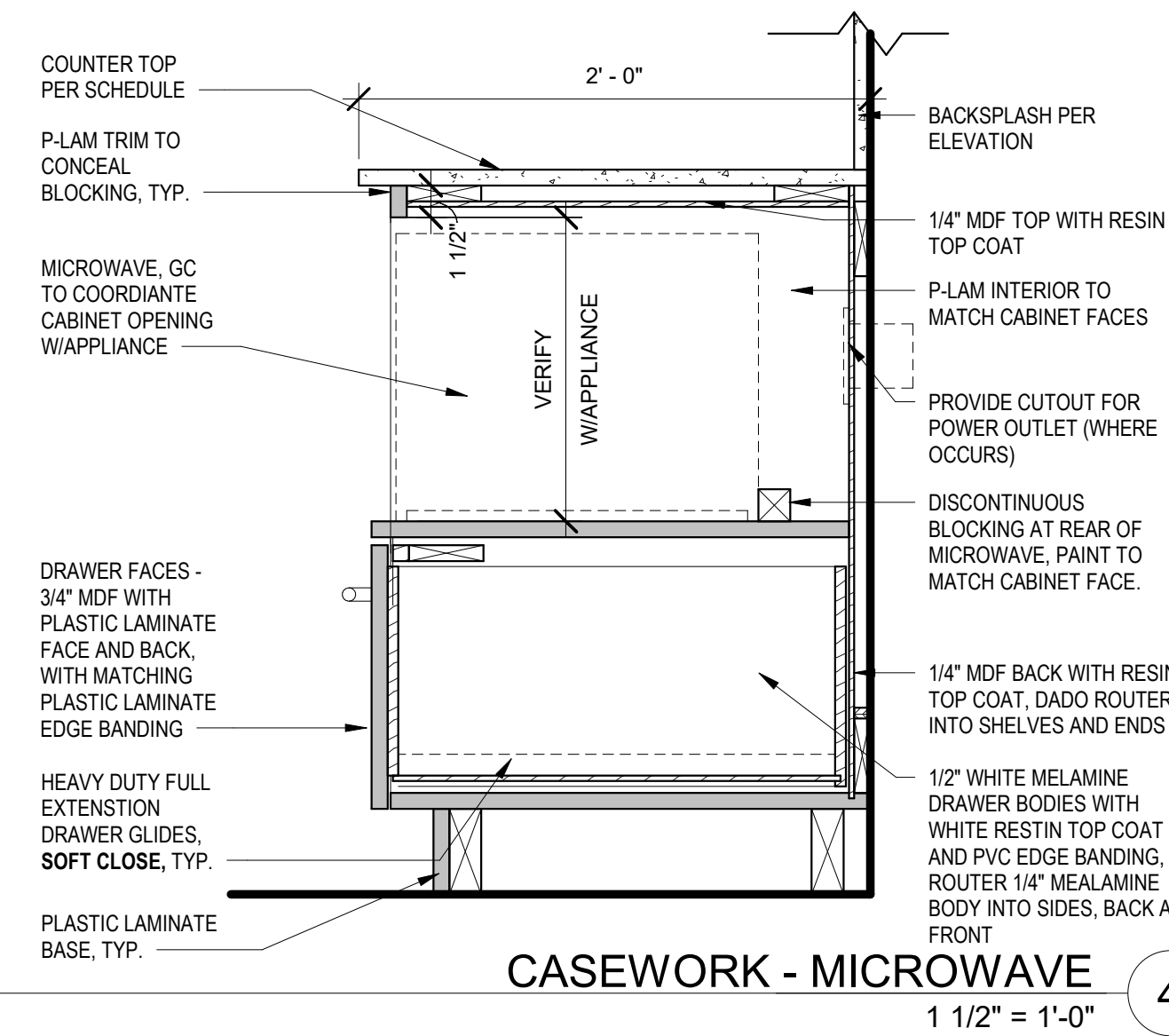
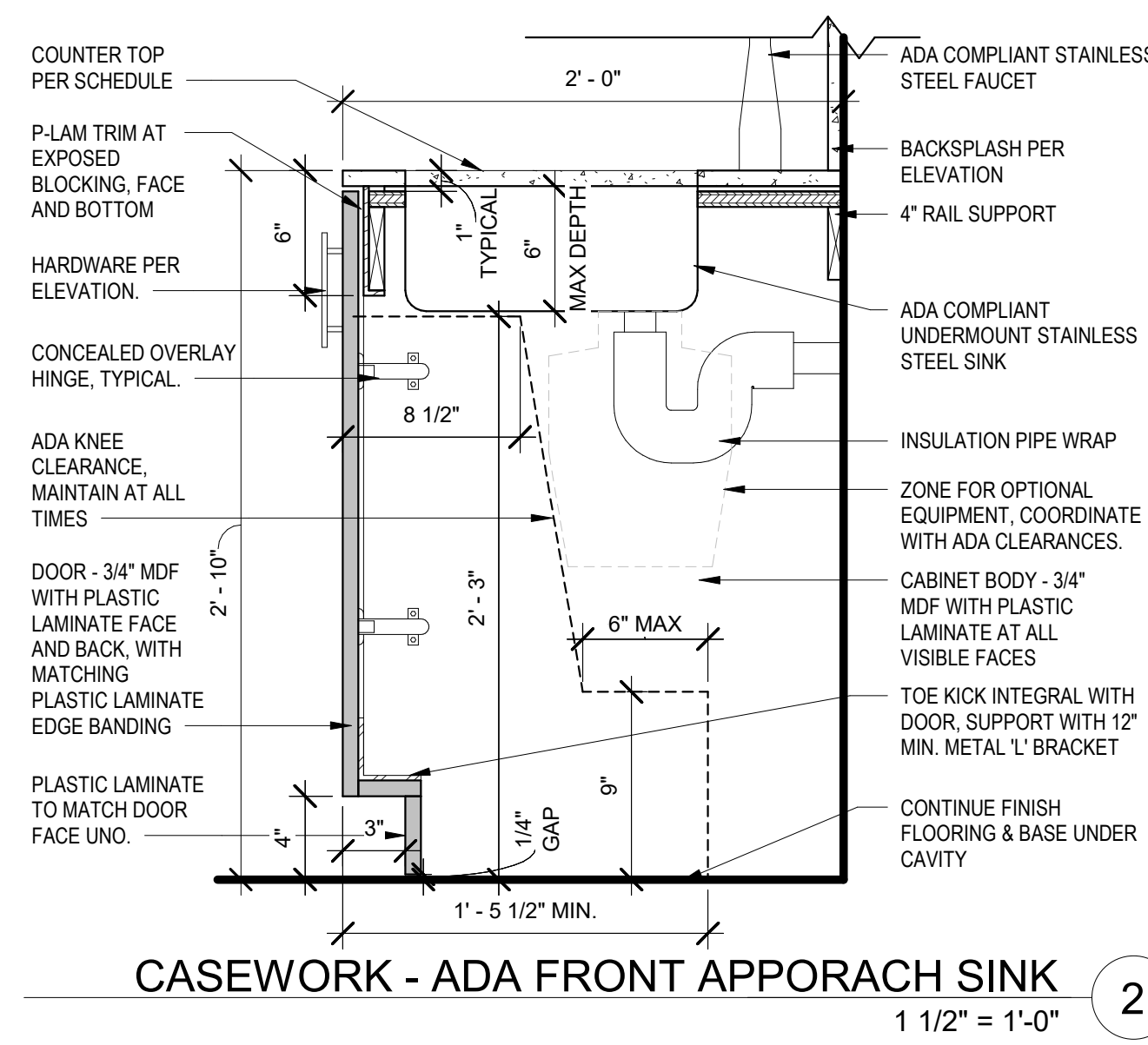
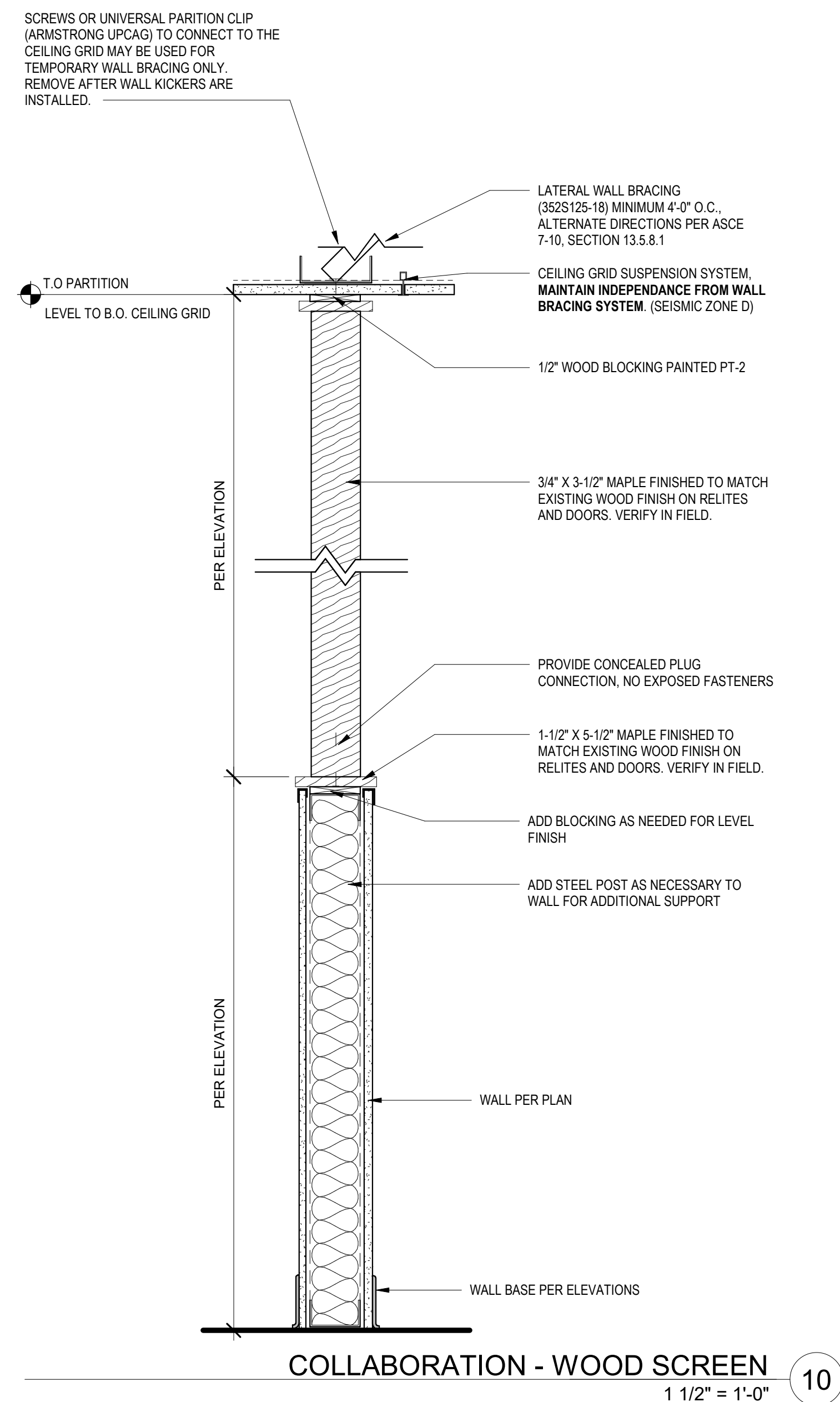
PHONE ROOM TYPICAL - NORTH  
3/8" = 1'-0"

PHONE ROOM TYPICAL - EAST  
3/8" = 1'-0"

PHONE ROOM TYPICAL - SOUTH  
3/8" = 1'-0"

PHONE ROOM TYPICAL - WEST  
3/8" = 1'-0"

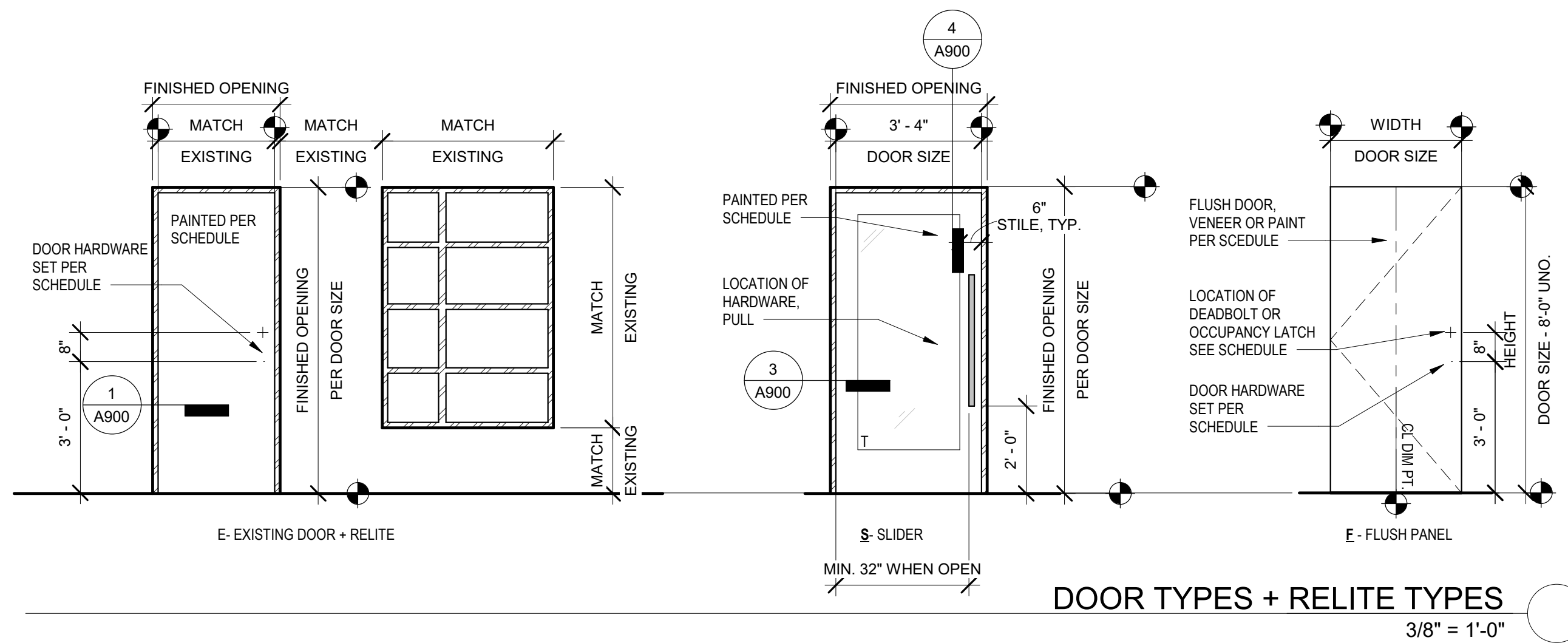






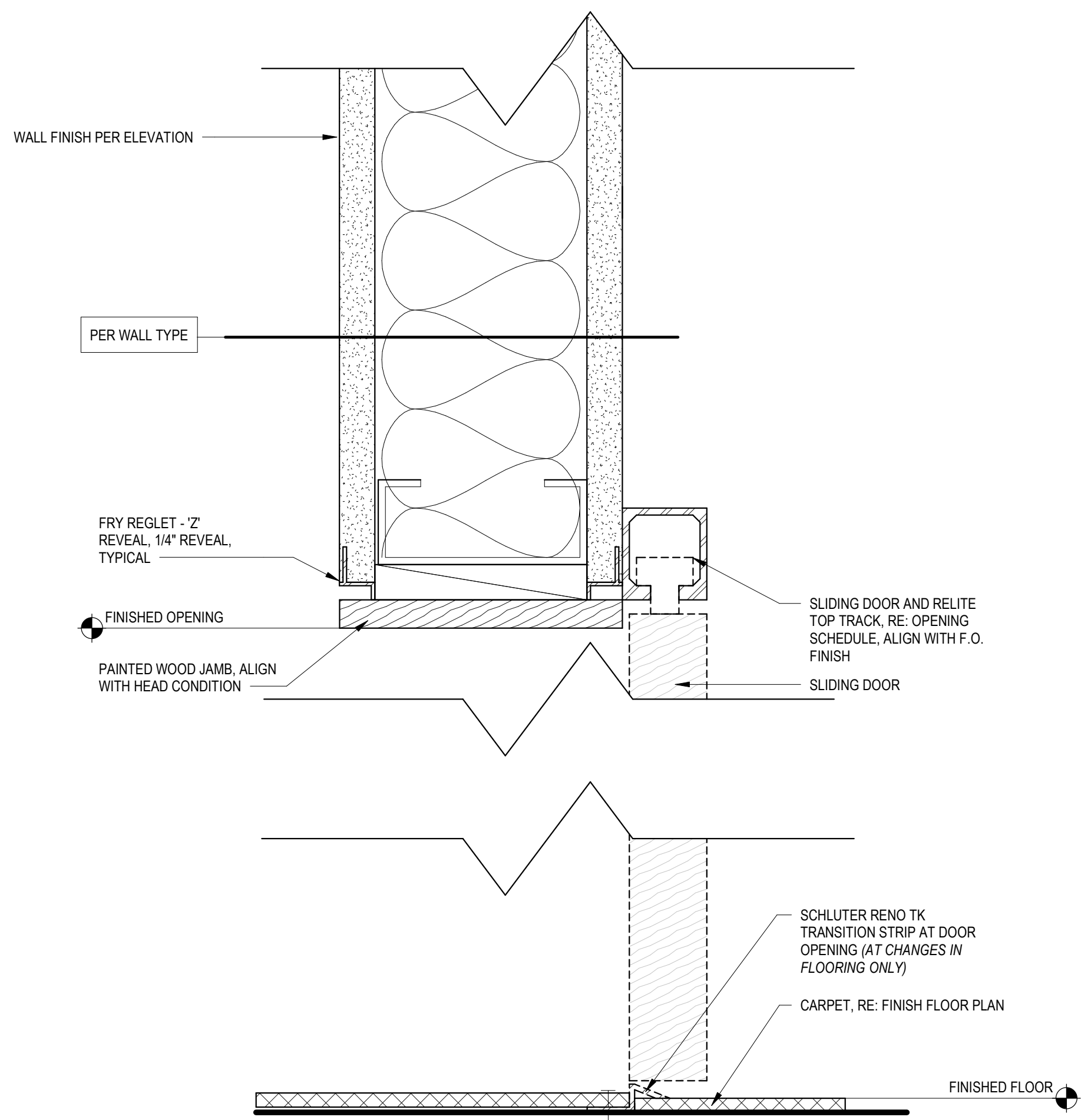
DOOR SCHEDULE															NOTES
DOOR MARK	LOCATION FROM ROOM	FINISHED SIZE		FIRE RATING	FRAME				DOOR				HARDWARE GROUP		
		WIDTH	HEIGHT		MATERIAL	TYPE	FRAME FINISH	TRIM MATERIAL	TRIM FINISH	DOOR TYPE	DOOR THICKNESS	MATERIAL		FINISH	
100A	LOBBY	3'-0"	7'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	(E)	S-64 (E) LEVER MORTISE - INSTALL NEW ELECTRIC STIKE, ELECTRIC HINGES WITHIN EXISTING DOOR. PROVIDE NEW LOW VOLTAGE CONNECTION AND CONNECT TO NEW CARD READER (RE: SECURITY DRAWINGS)	
100B	LOBBY	6'-0"	8'-0"	N/A	(E)	(E)	(E)	(E)	(E)	(E)	1 3/4"	(E)	(E)	S-61 (E) FRAMELESS GLASS DOOR - DUEL MAGNETIC LOCKS, CARD READER, ADA POWER ASSIST; - INSTALL NEW PANIC HARDWARE (DORMA DG1000) OR SIMILAR TO WORK WITH EXISTING MAG-HELD LOCKS. COORDINATE EXISTING CARD READER WITH OWNERS SECURITY CONTROL SYSTEM.	
100C	LOBBY	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	(E)	S-62 (E) LEVER MORTISE - INSTALL NEW ELECTRIC STIKE, ELECTRIC HINGES WITHIN EXISTING DOOR. PROVIDE NEW LOW VOLTAGE CONNECTION AND CONNECT TO NEW CARD READER (RE: SECURITY DRAWINGS)	
100D	LOBBY	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	(E)	S-62 (E) LEVER MORTISE - INSTALL NEW ELECTRIC STIKE, ELECTRIC HINGES WITHIN EXISTING DOOR. PROVIDE NEW LOW VOLTAGE CONNECTION AND CONNECT TO NEW CARD READER (RE: SECURITY DRAWINGS)	
100E	LOBBY RECEPTION	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	(E)	na PROVIDE NEW CARD READER AT EXISTING EXTERIOR DOOR.	
101	RECEPTION	3'-0"	8'-0"	N/A	HM	SINGLE	PT	WD	WD-1	F	1 3/4"	WD	TS	S-63 (E) CRREX MORTISE ELECTRIC LOCK RETROFIT (E) DOOR TO ACCEPT NEW PANIC HARDWARE, CONNECT EXISTING ELECTRIC MORTISE LOCK WITH NEW CARD READER (RE: SECURITY DRAWINGS)	
102	MAILROOM	3'-0"	8'-0"	N/A	HM	SINGLE	PT	WD	WD-1	F	1 3/4"	WD	TS	S-65 RELOCATED DOOR AND FRAME, MAPLE DOOR	
106	CONFERENCE ROOM	3'-0"	8'-0"	N/A	HM	(E)	PT	(E)	(E)	F	1 3/4"	(E)	(E)	S-64 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
107	STORAGE	3'-0"	8'-0"	N/A	HM	(E)	PT	(E)	(E)	F	1 3/4"	(E)	(E)	S-64 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
109	BOARD ROOM	6'-0"	8'-0"	N/A	HM	DOUBLE	PT	WD	WD-1	F	1 3/4"	WD	TS	S-66 DOOR STYLE TO MATCH EXISTING WITHIN TENANT SUITES, MAPLE WITH TRANSPARENT STAIN.	
109A	CONFERENCE ROOM	3'-0"	8'-0"	N/A	HM	SINGLE	PT	STL	PT	F	1 3/4"	WD	PAINTED	S-67 (E) LEVER MORTISE - INSTALL NEW ELECTRIC STIKE, ELECTRIC HINGES WITHIN EXISTING DOOR. PROVIDE NEW LOW VOLTAGE CONNECTION AND CONNECT TO NEW CARD READER (RE: SECURITY DRAWINGS)	
109B	BOARD ROOM	3'-0"	8'-0"	90 MIN	HM	(E)	PT	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-68 (E) LEVER MORTISE SET AND MAG HOLD. RETROFIT DOOR TO ACCEPT NEW PANIC HARDWARE, REKEY WITH NEW IC CORE, COORDINATE NEW HARDWARE WITH EXISTING MAG HOLD.	
110	BOARD ROOM	3'-6"	8'-0"	N/A	HM	SINGLE	PT	WD	WD-1	F	1 3/4"	WD	TS	S-68 DOOR FINISH TO MATCH WOOD TONE IN EXISTING SUITE (MAPLE). DOORS TO HAVE KICK DOWN DOOR STOP	
111A	WAITING	3'-0"	7'-0"		HM	(E)	PT	STL	PT	F	1 3/4"	WD	PAINTED	S-10 DOOR AND RELITE STYLE TO MATCH EXISTING	
111B	WAITING	3'-0"	7'-0"		HM	(E)	PT	STL	PT	F	1 3/4"	(E)	S-10	(E) LEVER MORTISE - INSTALL NEW ELECTRIC STIKE, ELECTRIC HINGES WITHIN EXISTING DOOR. PROVIDE NEW LOW VOLTAGE CONNECTION AND CONNECT TO NEW CARD READER (RE: SECURITY DRAWINGS)	
115	OPEN OFFICE	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-11 (E) PASSAGE LEVER; REPLACE EXISTING LEVER SET WITH NEW LOCKABLE OFFICE SET	
116	OPEN OFFICE	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-11 (E) PASSAGE LEVER; REPLACE EXISTING LEVER SET WITH NEW LOCKABLE OFFICE SET	
119	CONFERENCE ROOM	3'-0"	8'-0"	N/A	HM	SINGLE	PT	STL	PT	F	1 3/4"	WD	PAINTED	S-12 (E) CRREX MORTISE ELECTRIC LOCK; CONNECT EXISTING LOW VOLTAGE SYSTEM TO NEW CARD READER AND FOB CONTROL SYSTEM (RE: SECURITY DRAWINGS)	
120	STAIR	3'-0"	8'-0"	90 MIN	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	(E)	S-65	
120A	EXIT PASSAGEWAY	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	(E)	S-65	
121	STAIR	3'-0"	8'-0"	90 MIN	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	(E)	S-13 (E) CRREX MORTISE ELECTRIC LOCK; CONNECT EXISTING LOW VOLTAGE SYSTEM TO NEW CARD READER AND FOB CONTROL SYSTEM (RE: SECURITY DRAWINGS)	
122	EQUIPMENT CLOSET	6'-0"	8'-0"	N/A	HM	DOUBLE	PT	WD	WD-1	F	1 3/4"	WD	TS	S-14 DOOR STYLE TO MATCH EXISTING SUITE (MAPLE)	
203A	TEAM ROOM	3'-6"	8'-0"	N/A	HM	SINGLE	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-15 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
203B	TEAM ROOM	3'-0"	8'-0"	N/A	HM	SINGLE	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-15 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
207	PRIVATE OFFICE	3'-0"	8'-0"	N/A	HM	SINGLE	PT	WD	WD-1	F	1 3/4"	WD	PAINTED	S-16 DOOR AND RELITE STYLE TO MATCH EXISTING	
214	PHONE ROOM	3'-4"	8'-0"	N/A	NA	SLIDER	ALUM	MOD	PT	S	1 3/8"	WD	PAINTED	S-17 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
215	PHONE ROOM	3'-4"	8'-0"	N/A	NA	SLIDER	ALUM	MOD	PT	S	1 3/8"	WD	PAINTED	S-17 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
216	PHONE ROOM	3'-4"	8'-0"	N/A	NA	SLIDER	ALUM	MOD	PT	S	1 3/8"	WD	PAINTED	S-17 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
222A	BREAK ROOM	3'-0"	8'-0"	N/A	HM	SINGLE	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-65 REVERSE DOOR SWING WITHIN EXISTING FRAME AS SHOWN. PRESERVE AND REINSTALL EXISTING HARDWARE.	
222B	BREAK ROOM	3'-0"	8'-0"	N/A	HM	SINGLE	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-65 REVERSE DOOR SWING WITHIN EXISTING FRAME AS SHOWN. PRESERVE AND REINSTALL EXISTING HARDWARE.	
224	QUIET ROOM	3'-0"	8'-0"	N/A	HM	SINGLE	PT	WD	WD-1	F	1 3/4"	WD	PAINTED	S-18 (E) CRREX MORTISE ELECTRIC LOCK; CONNECT EXISTING LOW VOLTAGE SYSTEM TO NEW CARD READER AND FOB CONTROL SYSTEM (RE: SECURITY DRAWINGS)	
225	FRAME ROOM	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-19 (E) PASSAGE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
226	TOSA WORK ROOM	3'-0"	8'-0"	N/A	HM	SINGLE	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-19 (E) PASSAGE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
232	PHONE ROOM	3'-4"	8'-0"	N/A	NA	SLIDER	ALUM	MOD	PT	S	1 3/8"	WD	PAINTED	S-20 (E) CRREX MORTISE ELECTRIC LOCK; CONNECT EXISTING LOW VOLTAGE SYSTEM TO NEW CARD READER AND FOB CONTROL SYSTEM (RE: SECURITY DRAWINGS)	
235	PHONE ROOM	3'-4"	8'-0"	N/A	NA	SLIDER	ALUM	MOD	PT	S	1 3/8"	WD	PAINTED	S-17 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
237	PHONE ROOM	3'-4"	8'-0"	N/A	NA	SLIDER	ALUM	MOD	PT	S	1 3/8"	WD	PAINTED	S-17 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
245	PRIVATE OFFICE	3'-0"	8'-0"	N/A	HM	SINGLE	PT	WD	WD-1	F	1 3/4"	WD	PAINTED	S-18 (E) CRREX MORTISE ELECTRIC LOCK; CONNECT EXISTING LOW VOLTAGE SYSTEM TO NEW CARD READER AND FOB CONTROL SYSTEM (RE: SECURITY DRAWINGS)	
247	STAIR	3'-0"	8'-0"	90 MIN	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-13 (E) CRREX MORTISE ELECTRIC LOCK; CONNECT EXISTING LOW VOLTAGE CONNECTION AND CONNECT TO NEW CARD READER (RE: SECURITY DRAWINGS)	
247B	COORDIOR	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-21 (E) CRREX MORTISE ELECTRIC LOCK; CONNECT EXISTING LOW VOLTAGE SYSTEM TO NEW CARD READER AND FOB CONTROL SYSTEM (RE: SECURITY DRAWINGS)	
248	STAR	3'-0"	8'-0"	90 MIN	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-13 (E) CRREX MORTISE ELECTRIC LOCK; CONNECT EXISTING LOW VOLTAGE SYSTEM TO NEW CARD READER AND FOB CONTROL SYSTEM (RE: SECURITY DRAWINGS)	
248B	COORDIOR	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-21 (E) CRREX MORTISE ELECTRIC LOCK; CONNECT EXISTING LOW VOLTAGE SYSTEM TO NEW CARD READER AND FOB CONTROL SYSTEM (RE: SECURITY DRAWINGS)	
302	HUDDLE ROOM	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-24 REMOVE (E) COMBO LOCK, REPLACE WITH NEW PASSAGE SET LEVER FROM NEW HARDWARE GROUP. INFILL EXISTING CORE WITHIN DOOR FROM PREVIOUS HARDWARE. FILL AND SAND SMOOTH PRIOR TO PAINTING AND INSTALLING NEW HARDWARE.	
303	PRIVATE OFFICE	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-22 COORDINATE WITH ACCESS CONTROL (RE: SECURITY DRAWINGS)	
304	IT ROOM	3'-6"	8'-0"	N/A	HM	SINGLE	PT	WD	WD-1	F	1 3/4"	WD	PAINTED	S-22 COORDINATE WITH ACCESS CONTROL (RE: SECURITY DRAWINGS)	
307	PRIVATE OFFICE	3'-0"	8'-0"	N/A	HM	SINGLE	PT	WD	WD-1	F	1 3/4"	WD	PAINTED	S-16 DOOR AND RELITE STYLE TO MATCH EXISTING	
308	PRIVATE OFFICE	3'-0"	8'-0"	N/A	HM	SINGLE	PT	WD	WD-1	F	1 3/4"	WD	PAINTED	S-16 DOOR AND RELITE STYLE TO MATCH EXISTING	
313	PRIVATE OFFICE	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-11 (E) CRREX MORTISE ELECTRIC LOCK; CONNECT EXISTING LOW VOLTAGE SYSTEM TO NEW CARD READER AND FOB CONTROL SYSTEM (RE: SECURITY DRAWINGS)	
315	PHONE ROOM	3'-4"	8'-0"	N/A	NA	SLIDER	ALUM	MOD	PT	S	1 3/8"	WD	PAINTED	S-17 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
316	PHONE ROOM	3'-4"	8'-0"	N/A	NA	SLIDER	ALUM	MOD	PT	S	1 3/8"	WD	PAINTED	S-17 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
317	PHONE ROOM	3'-4"	8'-0"	N/A	NA	SLIDER	ALUM	MOD	PT	S	1 3/8"	WD	PAINTED	S-17 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
320	PRIVATE OFFICE	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-11 (E) CRREX MORTISE ELECTRIC LOCK; CONNECT EXISTING LOW VOLTAGE SYSTEM TO NEW CARD READER AND FOB CONTROL SYSTEM (RE: SECURITY DRAWINGS)	
321	PRIVATE OFFICE	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-11 (E) CRREX MORTISE ELECTRIC LOCK; CONNECT EXISTING LOW VOLTAGE SYSTEM TO NEW CARD READER AND FOB CONTROL SYSTEM (RE: SECURITY DRAWINGS)	
332	FRAME ROOM	3'-0"	8'-0"	N/A	HM	SINGLE	PT	WD	WD-1	F	1 3/4"	WD	PAINTED	S-23 DOOR AND RELITE STYLE TO MATCH EXISTING	
333	HUDDLE ROOM	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-24 REMOVE (E) COMBO LOCK, REPLACE WITH NEW PASSAGE SET LEVER FROM NEW HARDWARE GROUP. INFILL EXISTING CORE WITHIN DOOR FROM PREVIOUS HARDWARE. FILL AND SAND SMOOTH PRIOR TO PAINTING AND INSTALLING NEW HARDWARE.	
337	PRIVATE OFFICE	3'-0"	8'-0"	N/A	HM	SINGLE	PT	WD	WD-1	F	1 3/4"	WD	PAINTED	S-16 DOOR AND RELITE STYLE TO MATCH EXISTING	
338	PRIVATE OFFICE	3'-0"	8'-0"	N/A	HM	SINGLE	PT	WD	WD-1	F	1 3/4"	WD	PAINTED	S-16 DOOR AND RELITE STYLE TO MATCH EXISTING	
340	PHONE ROOM	3'-4"	8'-0"	N/A	NA	SLIDER	ALUM	MOD	PT	S	1 3/8"	WD	PAINTED	S-17 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
345	PHONE ROOM	3'-4"	8'-0"	N/A	NA	SLIDER	ALUM	MOD	PT	S	1 3/8"	WD	PAINTED	S-17 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
347	PHONE ROOM	3'-4"	8'-0"	N/A	NA	SLIDER	ALUM	MOD	PT	S	1 3/8"	WD	PAINTED	S-17 (E) CRREX MORTISE LEVER; REPLACE LEVER SET, PROVIDE NEW ELECTRIC STIKE, ELECTRIC HINGES, LOW VOLTAGE CONNECTION AND INTERIOR WIRING. COORDINATE CONNECTION WITH NEW CARD READER PER SECURITY DRAWINGS	
348A	WELLNESS ROOM	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-25 REPLACE (E) ENTRANCE LEVER AND SET WITH NEW OCCUPANCY INDICATOR AND LEVER FROM NEW HARDWARE GROUP	
348B	WELLNESS ROOM	3'-0"	8'-0"	N/A	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-25 REPLACE (E) ENTRANCE LEVER AND SET WITH NEW OCCUPANCY INDICATOR AND LEVER FROM NEW HARDWARE GROUP	
351	STAIR	3'-0"	8'-0"	90 MIN	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-26 (E) CRREX MORTISE ELECTRIC LOCK; CONNECT EXISTING LOW VOLTAGE SYSTEM TO NEW CARD READER AND FOB CONTROL SYSTEM (RE: SECURITY DRAWINGS)	
362	STAIR	3'-0"	8'-0"	90 MIN	HM	(E)	(E)	(E)	(E)	F	1 3/4"	(E)	PAINTED	S-27 (E) CRREX MORTISE ELECTRIC LOCK; CONNECT EXISTING LOW VOLTAGE SYSTEM TO NEW CARD READER AND FOB CONTROL SYSTEM (RE: SECURITY DRAWINGS)	

NOTE: EXISTING HARDWARE CONDITIONS PROVIDED FOR ESTIMATING PURPOSES ONLY. THE GENERAL CONTRACTOR IS TO FIELD VERIFY EXISTING CONDITIONS AT DOORS TO BE MODIFIED AND PROVIDE A COMPLETE HARDWARE GROUP TO MEET DESIGN REQUIREMENTS.

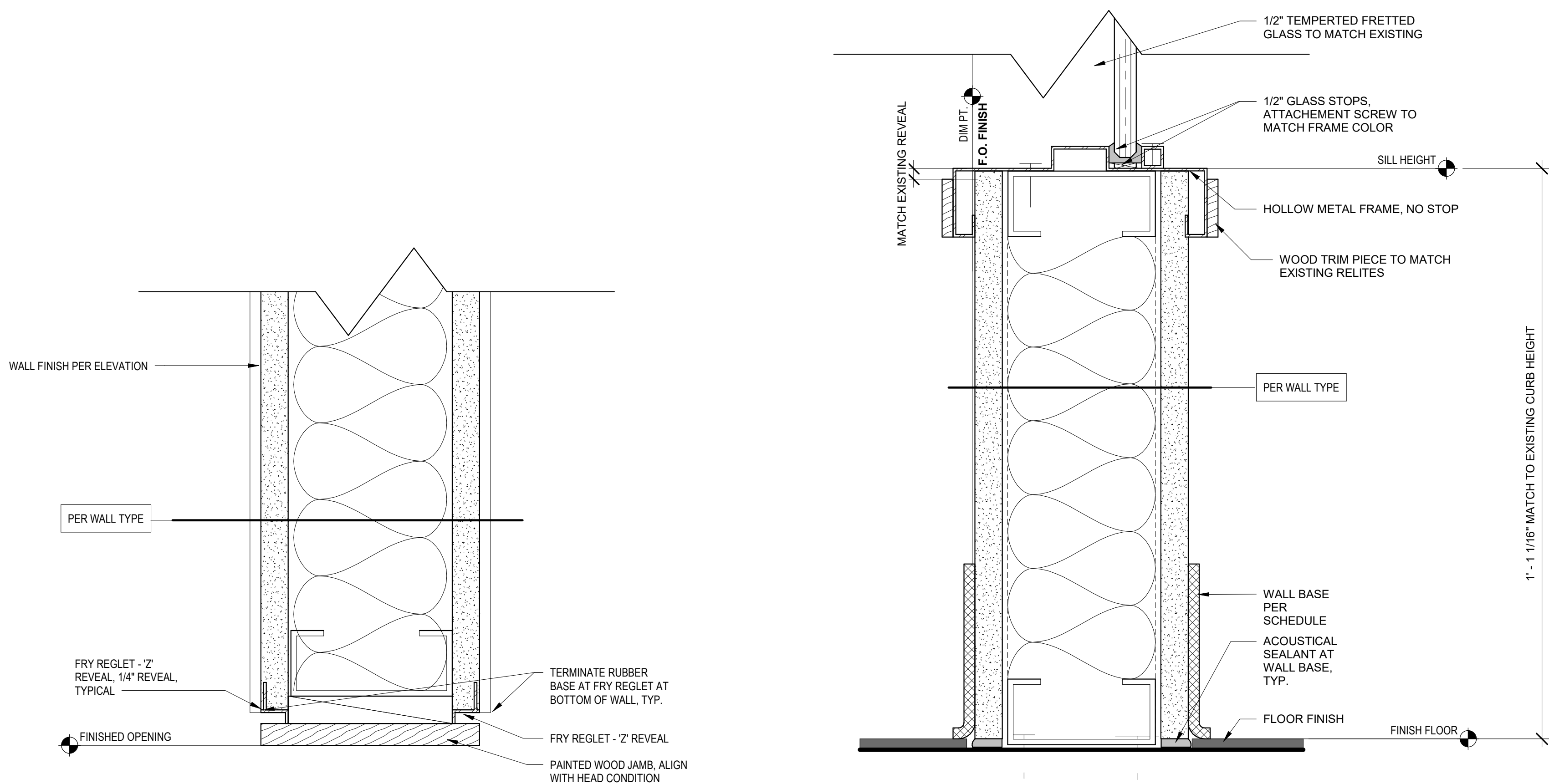


#### EXISTING DOOR & RELITE FRAME TYPES

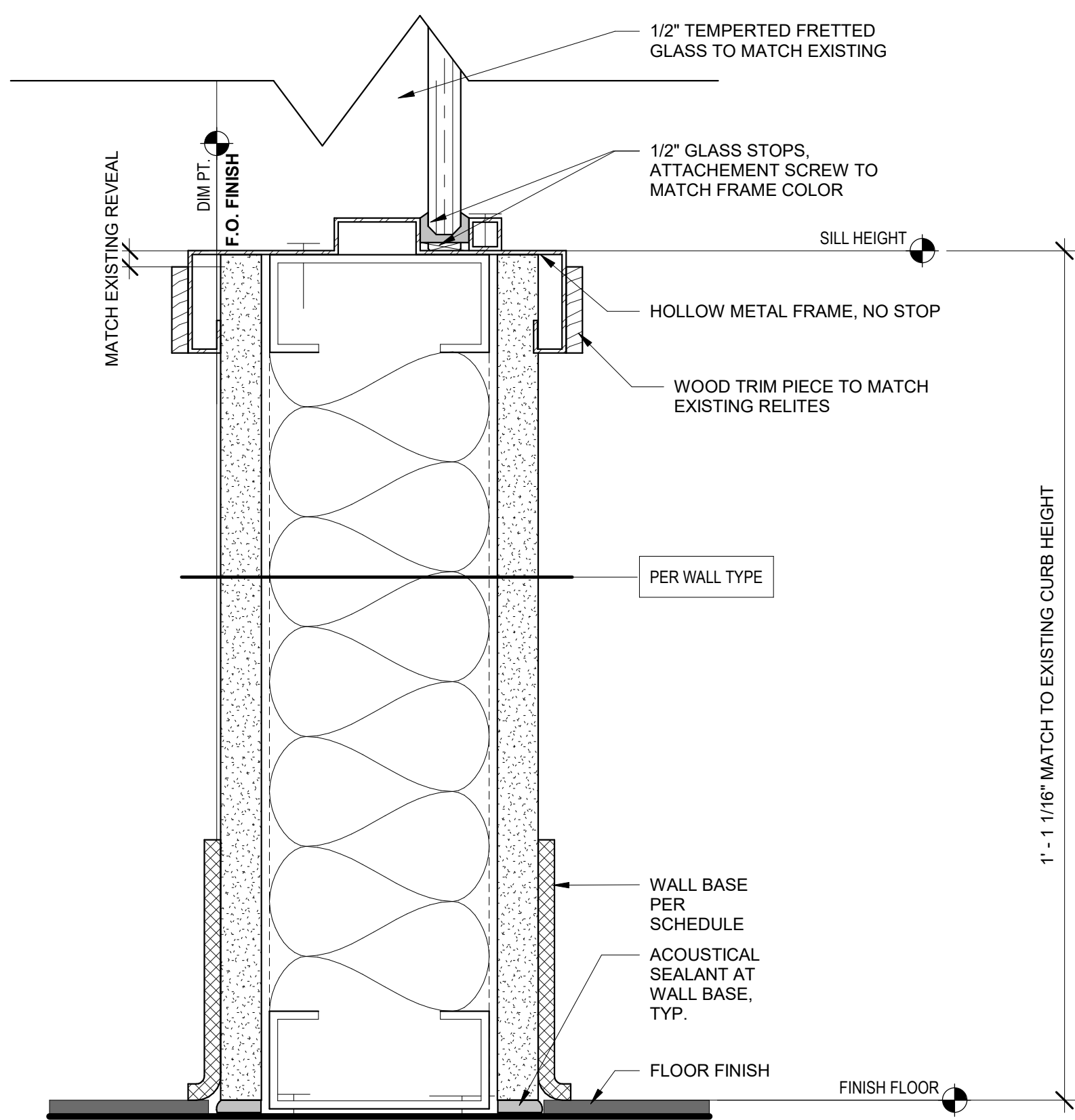
NOTE: ON FLOORS 2 & 3, NEW DOORS TO MATCH STYLE AND TRIM OF EXISTING DOORS WITHIN THE PROJECT, INCLUDING FINISH CARPENTRY TRIM SHOWN IN THE ABOVE PHOTO UNLESS OTHERWISE NOTED.  
NEW DOORS AND FRAMES ON THE GROUND FLOOR TO RECEIVE A PAINTED METAL FRAME ONLY WITHOUT THE ADDITIONAL MAPLE TRIM.



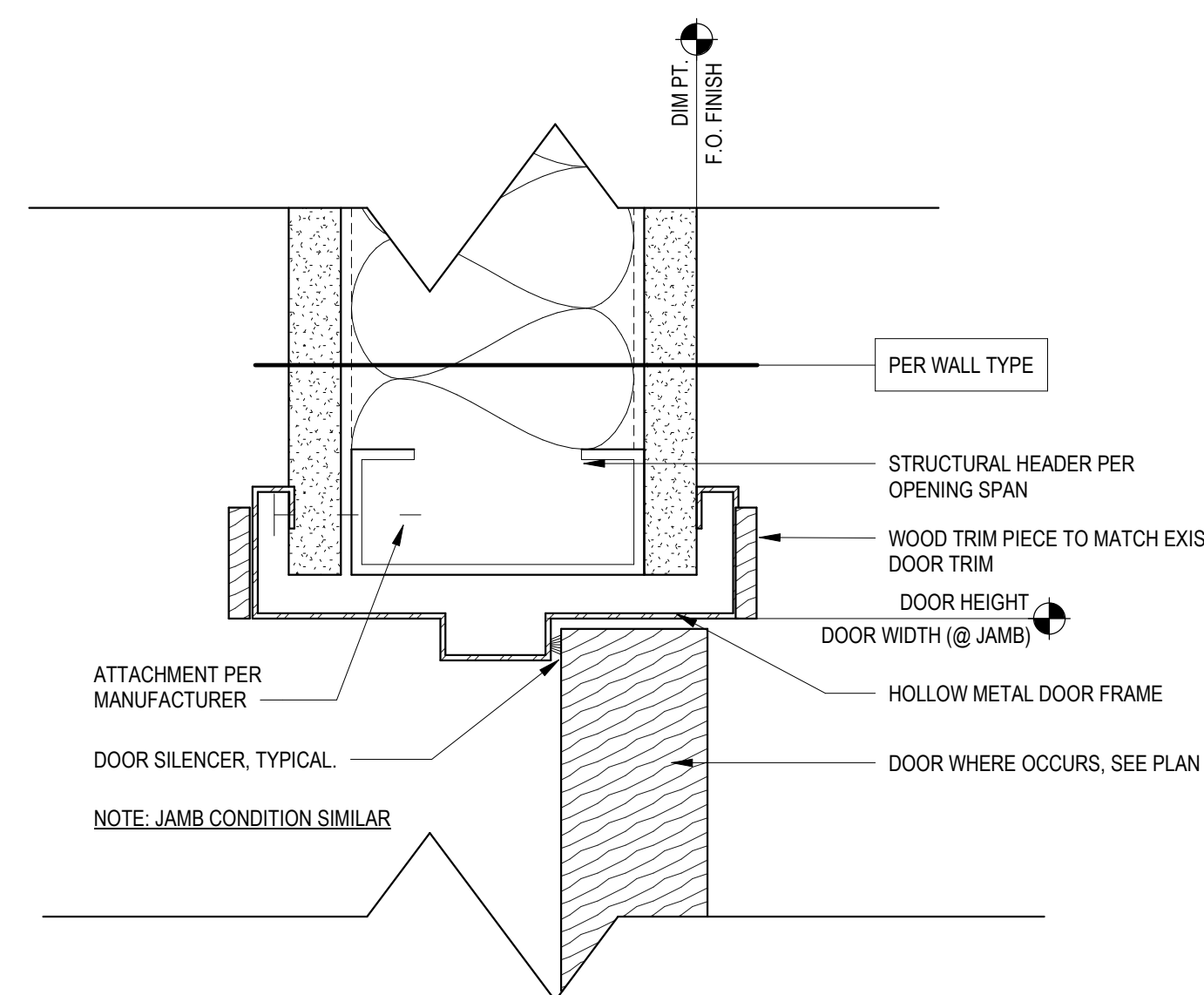
OPENING - KLEIN - LIGNEEA - HEAD/SILL  
6" = 1'-0"



OPENING - KLEIN - LIGNEEA - JAMB  
6" = 1'-0"



OPENING - HM RELITE JAMB @ CURB  
6" = 1'-0"



OPENING - HEAD/JAMB - METAL TRIM  
6" = 1'-0"

#### GENERAL NOTES - DOORS

- REFER TO SHEET 0001 FOR COMPLETE LIST OF GENERAL NOTES.
- DIMENSIONS SHOWN FOR DOORS AND WINDOWS ARE TYPICALLY FINISHED OPENING DIMENSIONS. COORDINATE ROUGH OPENING DIMENSIONS PER MANUFACTURER RECOMMENDATIONS WITH SELECTED OPENING.
- EXIT DOORS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR FORCE.
- THE MAIN EXIT TO DOOR TO HAVE SIGNAGE ABOVE THE DOOR READING "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."
- ALL NEW DOORS TO BE SOLID WOOD, PAINTED TO MATCH THE ADJACENT WALL COLOR UNLESS NOTED OTHERWISE.
- PROVIDE NEW ADA LEVER STYLE DOOR HARDWARE TO MATCH EXISTING BUILDING STANDARD. COORDINATE ANY DISCREPANCIES IN HARDWARE BETWEEN TENANT SUITES OR FLOORS WITH OWNER AND ARCHITECT.
- ALL NEW FRAMES TO BE HOLLOW METAL TO MATCH EXISTING UNLESS NOTED OTHERWISE.
- PROVIDE TEMPERED GLAZING IN ALL DOORS AND RELITES UNLESS NOTED OTHERWISE.
- ALL EXISTING DOOR HARDWARE TO BE RECORDED TO BSD STANDARDS. OWNER WILL RECODE EXISTING DOOR HARDWARE. COORDINATE REQUIREMENTS WITH PRE-SUBMITTAL MEETING.
- ALL EXISTING DOORS ON STORAGE ROOMS TO RECEIVE NEW STORAGE LOCKSET. G.C. TO REPLACE EXISTING HARDWARE IF IT CAN NOT BE RECORDED TO A STORAGE LOCKSET. NEW DOOR HARDWARE TO MATCH EXISTING ONLY IN APPEARANCE, NEW SETS TO BE COMPATIBLE WITH IC-CORE PER DISTRICT STANDARDS.
- COORDINATE SECURITY ACCESS REQUIREMENTS WITH SECURITY DRAWINGS. PROVIDE COMPLETE HARDWARE PACKAGE TO RETROFIT EXISTING DOORS SCHEDULED FOR NEW ACCESS CONTROL.
- DOORS AT WELLNESS ROOM 348 ARE TO RECEIVE NEW HARDWARE SET PER GROUP 3. THIS NEW HARDWARE DOES NOT NEED AN IC-CORE.
- ALL DOORS, INCLUDING EXISTING TO BE PAINTED PT-1 UNLESS LOCATED ON AN ACCENT WALL, THEN DOOR IS TO MATCH ADJACENT ACCENT WALL COLOR. DO NOT PAINT EXISTING HOLLOW METAL FRAMES ON DOORS OR RELITES UNLESS NOTED OTHERWISE.
- REFER TO FINISH PLANS AND FINISH SCHEDULE FOR PAINT COLOR AND MATERIAL DIRECTION.
- SEE TYPICAL FRAME DETAILS ON THIS PAGE FOR TRIM AND FINISH DIRECTION. UNLESS NOTED OTHERWISE, MATCH EXISTING CONDITIONS TRIM INCLUDING FINISH CARPENTRY MAPLE TRIM.

#### MATERIAL LEGEND

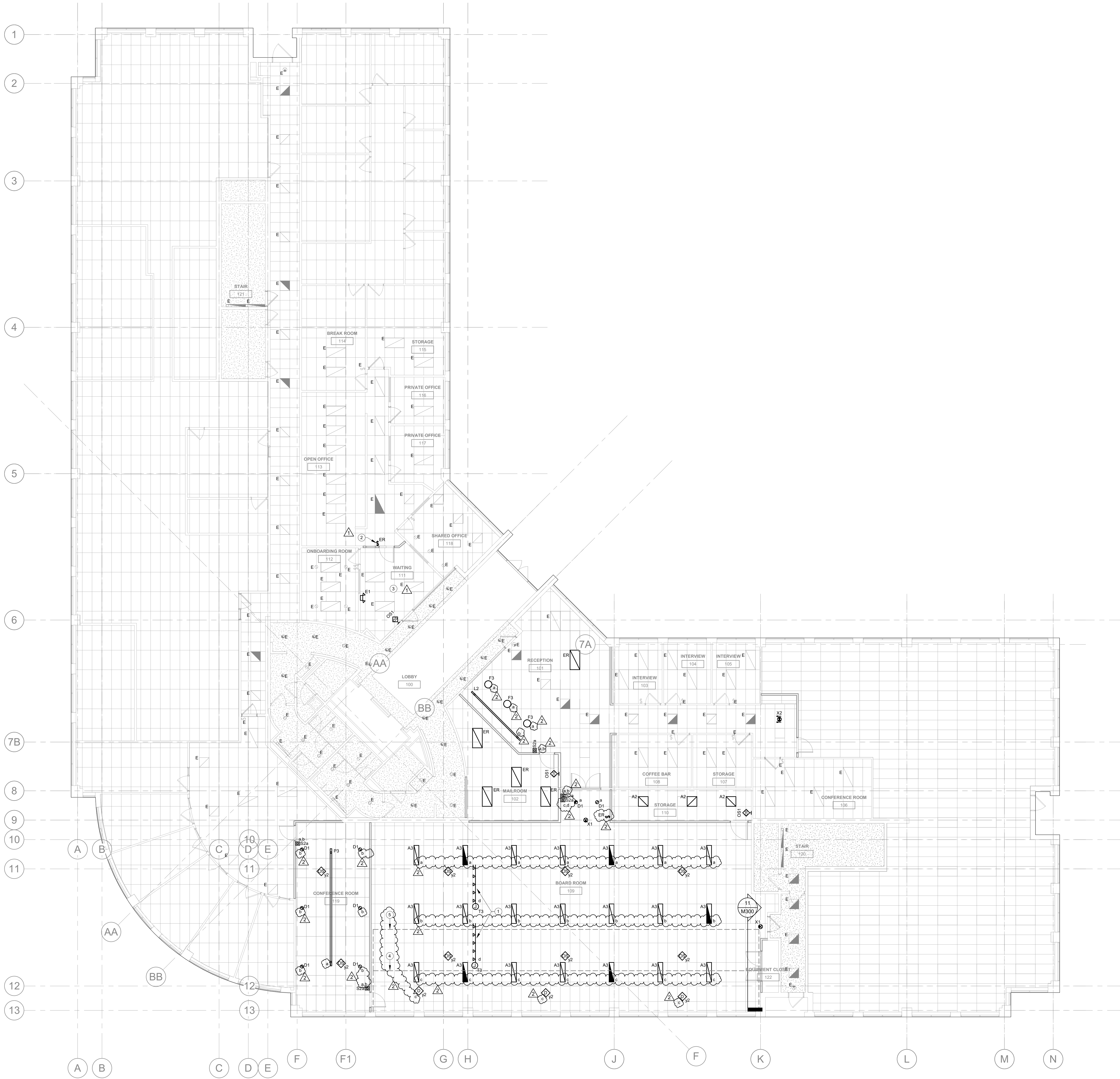
EL	EXISTING	WD	WOOD - SOLID CORE
GL	GLASS - TEMPERED	WC	WOOD - HOLLOW CORE
MD	MOD - TRIM	MTL	METAL - SOLID CORE
MFR	MANUFACTURERS FINISH	STL	STEEL FRAME - KNOCKDOWN
PT	PAIN	HM	HOLLOW METAL FRAME
TS	TRANSPARENT STAIN	ALUM	ALUMINUM STOREFRONT

#### HARDWARE GROUPS

BASIS OF DESIGN PRODUCTS: CONTRACTOR TO SUBMIT COMPLETE HARDWARE GROUPS BASED ON BASIS OF DESIGN PRODUCTS AND HARDWARE COMPLETE DIRECTION BELOW.

- DOOR FRAMES:** MATCH EXISTING  
**LEVER HARDWARE SETS:** MATCH EXISTING IN APPEARANCE ONLY  
**HINGES:** MATCH EXISTING  
**CLOSURES:** MATCH EXISTING  
**BASIN DOOR HARDWARE:** ASSA ABLOY ROCKWOOD RM212 SATIN STAINLESS STEEL US20 MOUNTING TYPE TYPE 9HD: BACK TO BACK HEAVY DUTY  
**DOOR PULL HARDWARE:** ASSA ABLOY ROCKWOOD RM3512 STAINLESS STEEL MOUNTING TYPE TYPE 9HD: BACK TO BACK HEAVY DUTY





**LIGHTING GENERAL NOTES**

A. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATED SHALL INCLUDE BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, ALL PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.

B. RELOCATED AND NEW FIXTURES SHALL UTILIZE THE EXISTING BRANCH CIRCUIT PREVIOUSLY FEEDING THE AREA WHERE LIGHTING IS REMOVED. AREAS WITH OCCUPANCY SENSOR CONTROLS SHALL BE CONNECTED DIRECTLY TO THE LIGHTING BRANCH CIRCUIT CONSTANT HOT. AREAS WHICH ARE IN COMMON AREAS WITHOUT OCCUPANCY SENSOR CONTROL SHALL BE CONNECTED TO THE EXISTING TIMED-OFF COMMON AREA SWITCHLEG. FIELD TRACE AND IDENTIFY BRANCH CIRCUIT AND SWITCHLEGS AFFECTING EACH AREA OF WORK AND EXTEND EXISTING LIGHTING BRANCH CIRCUIT AND/OR SWITCHLEG AS APPLICABLE FOR THE SPACE.

- KEYNOTES**
- 1 TRACK LIGHTS TO BE FOCUSED AND AIMED AT BOARD SEATING AREA. VERIFY LOCATION OF TRACK LIGHTING WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN.
- 2 NEW LOCATION OF EXISTING RELAY CONTROL AND OVERRIDE SWITCH FOR EXISTING OFFICE SUITE.
- 3 FIELD LOCATE AND INTERCEPT EXISTING UNSWITCHED LIGHTING BRANCH CIRCUIT IN THIS AREA. EXISTING LIGHTS IN WAITING 111 TO BE DISCONNECTED FROM EXISTING RELAY CONTROL. FED BY EXISTING BRANCH CIRCUIT AND CONTROLLED VIA NEW OCCUPANCY SENSOR AS SPECIFIED. PRIMARY SIDELIGHT AREA.
- 4 SECONDARY SIDELIGHT AREA.
- 5 NEW LOCATION OF EXISTING EXHAUST FAN CONTROL SWITCH. VERIFY IN FIELD WITH OWNER, LABEL CEILING EXHAUST FAN.

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REGISTERED PROFESSIONAL  
ELECTRICAL ENGINEER  
OREGON  
10411 R KCR  
EXPIRES: 6/30/2023

REVISIONS:  
1 REVISION 1 3/11/22  
2 REVISION 2 3/17/22

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312 NW 10th Ave  
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Portland, OR  
97209

BEAVERTON SCHOOL DISTRICT - SUMMIT CENTRAL OFFICE REMODEL

SUMMIT BUILDING  
1250 NW WATERHOUSE AVE BEAVERTON, OREGON 97006  
PERMIT DOCUMENTATION

PROJECT: 21019  
DATE: 02.18.2022

ELECTRICAL  
LIGHTING PLAN -  
LEVEL 1

E101

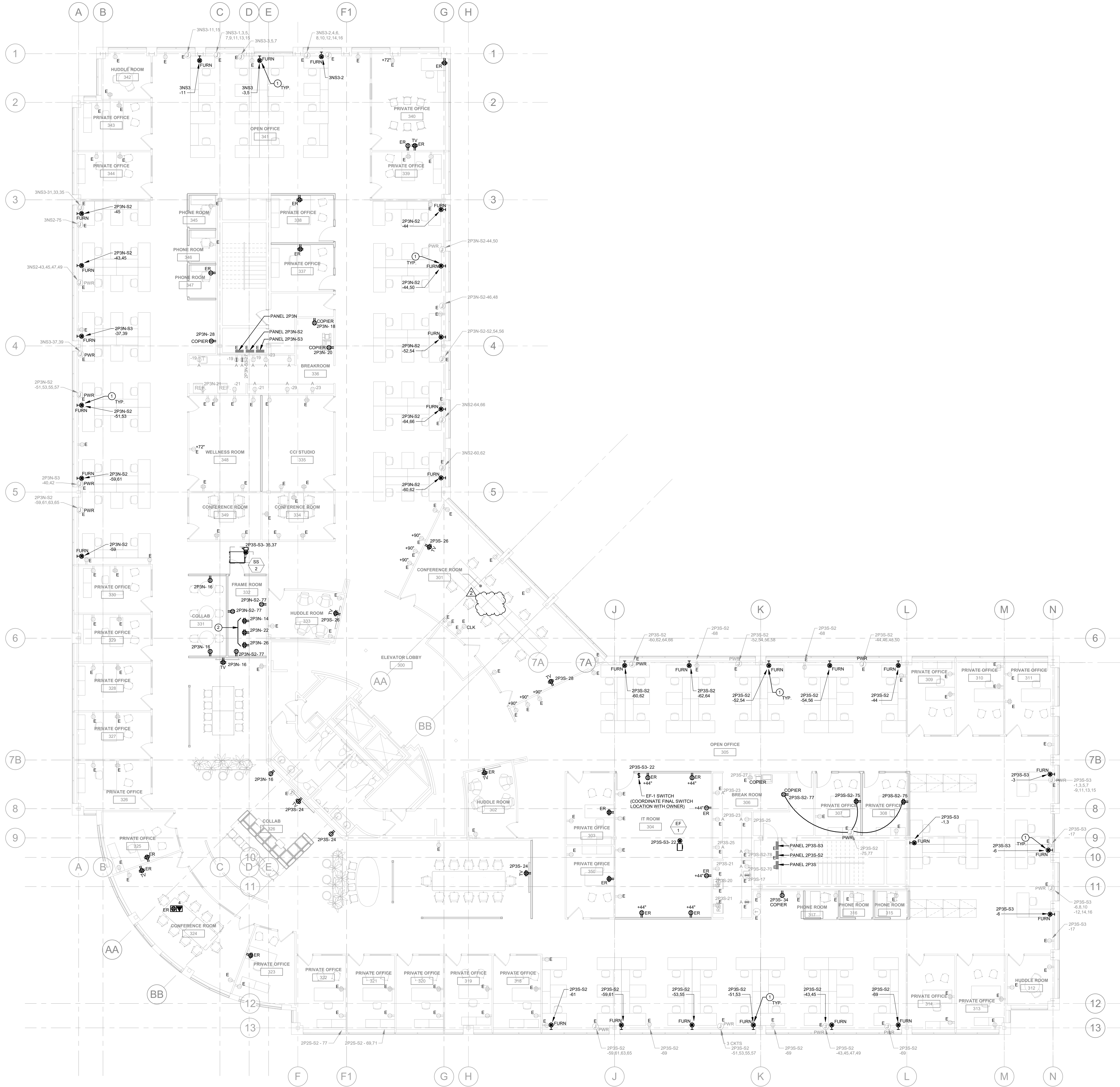


**KEYNOTES** 

1. CONNECT TO ELECTRIFIED FURNITURE. INTERCEPT AND EXTEND EXISTING NEARBY BRANCH CIRCUITS AT A NEW ROUGH-IN LOCATION DIRECTLY ADJACENT TO NEW FURNITURE.
2. VERIFY ROUGH-IN LOCATION WITH APPROVED LOCKER EQUIPMENT ELECTRICAL CONNECTION REQUIREMENTS.
3. PROVIDE ACOUSTIC PUFFY PADS AT ALL FLUSH BOXES AND ENCLOSURES INSTALLED AT THIS PARTITION. RELATED TO POWER, LIGHTING, VODACAST AND VIDEO. REFER TO ARCHITECTURAL AND AV SHEETS FOR ADDITIONAL DEVICES AND ENCLOSURE REQUIREMENTS. FLUSH BOXES AND ENCLOSURES INSTALLED ON OPPOSITE SIDES OF THE WALL SHALL NOT BE IN THE SAME STUD BAY. REFER TO ARCHITECTURAL DOCUMENTS FOR ADDITIONAL REQUIREMENTS.

**ELECTRICAL PLAN - LEVEL 1**  
1/8" = 1'-0"





ELECTRICAL PLAN - LEVEL 3  
1/8" = 1'-0"

- POWER GENERAL NOTES**
- A. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATED SHALL INCLUDE BUT NOT BE LIMITED TO BUILDING STRUCTURE, SHEET METAL, PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
- B. COORDINATE ELECTRICAL REQUIREMENTS FOR MECHANICAL UNITS WITH M.C. AND FINAL MECHANICAL SHOP DRAWINGS.
- C. PROVIDE PENETRATIONS REQUIRED FOR ROUTING RACEWAYS THROUGH THE BUILDING. COORDINATE FIRE RATED WALL PENETRATIONS AND PROVIDE CONDUIT SLEEVES AND FIRE STOPPING TO MAINTAIN RATING.
- D. WHERE NEW CONVENIENCE RECEPTACLES ARE SHOWN, CENTER ON LENGTH OF WALL, OR ALIGNED WITH FURNITURE WHERE OCCURRING, UNLESS OTHERWISE NOTED. DISCREPANCIES SHALL BE RESOLVED BY THE ARCHITECT.
- E. MODULAR FURNITURE CONNECTIONS: UTILIZE EXISTING BRANCH CIRCUIT LOCATED IN WALLS WHERE FURNITURE IS PROPOSED, AS SHOWN ON THE DEMOLITION DRAWINGS. FIELD TRACE EXISTING FLUSH SOURCE JUNCTION BOX, INTERCEPT AND EXTEND POWER CONNECTIONS TO NEW FURNITURE. NEW WIRING SHALL BE INSTALLED CONCEALED BELOW FLOOR OR BEHIND WALL FINISH. PROVIDE RATED FLOOR PENETRATIONS, OR REMOVE, PATCH AND REPAIR EXISTING WALL FINISH AS REQUIRED TO EXTEND BRANCH CIRCUITING.
- F. OUTLETS AT CASEWORK: COORDINATE INSTALLATION WITH APPROVED MILL WORK SHOP DRAWINGS AND EQUIPMENT LOCATIONS. VERIFY ROUGH-IN DIMENSIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- G. DEVICES TAGGED "ER": INTERCEPT AND EXTEND EXISTING BRANCH CIRCUIT SERVING NEARBY DEVICE TAGGED "ER" ON THE DEMOLITION PLAN. PROVIDE NEW DEVICE TO REPLACE EXISTING. FIELD TRACE, INTERCEPT AND EXTEND EXISTING BRANCH CIRCUIT TO NEW LOCATION.
- H. QUADRAPLEX RECEPTACLES TAGGED "TV": PROVIDE TWO (2) DUPLEX RECEPTACLES AT RECESSED COMBINATION TV BACKBOX. REFER TO AV DETAILS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. WHERE COMBINATION POWER/AV BACKBOX IS SHOWN AT TV'S ON AV DRAWINGS, INSTALL RECEPTACLES IN THE SPECIFIED BOX. WHERE NO COMBINATION BACKBOX IS SHOWN AT TV'S ON THE AV DRAWINGS, PROVIDE SEMI-RECESSED 2-GANG BOX, ARLINGTON TVSS505.
- I. PROVIDE UNDERGROUND POWER PATHWAYS TO FLOOR BOXES AND OUTLETS LOCATED IN LOW-HEIGHT PARTITION AT RECEPTION DESK. SAWCUT AND REPAIR EXISTING CONCRETE FLOOR.

- KEYNOTES**
1. CONNECT TO ELECTRIFIED FURNITURE. INTERCEPT AND EXTEND EXISTING NEARBY BRANCH CIRCUITS AT WALL TO NEW ROUGH-IN LOCATION DIRECTLY ADJACENT TO NEW FURNITURE.
2. INSTALL ONE DEDICATED QUADRAPLEX RECEPTACLE AT THE BOTTOM OF EACH RACK NEAR FLOOR.



EQUIPMENT CONNECTION SCHEDULE												
ABBREVIATIONS:												
1	NEMA 1 ENCLOSURE				INT	INTEGRAL WITH EQUIPMENT FROM FACTORY						
3R	NEMA 3R ENCLOSURE				MMS	MANUAL MOTOR STARTER WITH FUSES						
4	NEMA 4 ENCLOSURE				NFD	NON-FUSED DISCONNECT SWITCH, HEAVY DUTY						
4X	NEMA 4X ENCLOSURE				RD	RETURN AIR DUCT DETECTOR						
BO	PROVIDED BY OTHERS				RSR	RUN STATUS RELAY, NORMALLY OPEN						
CB	CIRCUIT BREAKER IN PANEL				SD	SUPPLY AIR DUCT DETECTOR						
CSD	COMBINATION STARTER/DISCONNECT				SSP	START/STOP PUSHBUTTON WITH PILOT						
CP	CORD AND PLUG PROVIDED WITH UNIT				SS	START/STOP PUSHBUTTON						
ECB	ENCLOSED CIRCUIT BREAKER				ST	SHUNT TRIP						
FAR	FIRE ALARM SHUTDOWN RELAY				TOR	TIME DELAY OFF RELAY						
FDS	FUSED DISCONNECT SWITCH, HEAVY DUTY				TS	TOGGLE SWITCH WITH PLUG FUSE						
GF	GROUND FAULT CIRCUIT INTERRUPTION				VFD	VARIABLE FREQUENCY DRIVE						
HOA	HAND-OFF-AUTO											
TAG	ELECTRICAL CHARACTERISTICS					DISCONNECT			CONTROLS		REMARKS	
	VOLTAGE	PHASE	MOTOR HP	KW	MCA	TYPE	SIZE (AMPS)	NEMA RATING	FUSE SIZE (AMPS)	STARTER		DESCRIPTION
CU-1	208 V	1	-	-	14	FDS	30	3R	20	-	-	POWERS SS-1.
CU-2	208 V	1	-	-	14	FDS	30	3R	20	-	-	POWERS SS-2.
EDH-1	480 V	3	-	7	8.4	BO	-	-	-	-	-	PROVIDE CONTACTOR/RELAY TO INTERLOCK EDH-1 WITH ERV-1.
EF-1	120 V	1	-	0.093	0.8	TS	20	1	-	-	-	PROVIDE WALL MOUNTED TOGGLE SWITCH AND LABEL "EXHAUST FAN". REFER TO MECHANICAL SCHEDULES FOR ADDITIONAL REQUIREMENTS.
ERV-1	208 V	1	1	-	9.9	BO	-	-	-	-	-	
SS-1	208 V	1	-	-	1	TS	20	1	-	-	-	POWER FED FROM OUTDOOR UNIT AT ROOF. PROVIDE CONDUIT FROM INDOOR UNIT TO ROOF UNIT AND WIRING CONNECTIONS PER MANUFACTURER REQUIREMENTS.
SS-2	208 V	1	-	-	1	TS	20	1	-	-	-	POWER FED FROM OUTDOOR UNIT AT ROOF. PROVIDE CONDUIT FROM INDOOR UNIT TO ROOF UNIT AND WIRING CONNECTIONS PER MANUFACTURER REQUIREMENTS.
VAV-1	120 V	1	-	-	1	TS	20	1	-	-	-	
VAV-2	120 V	1	-	-	1	TS	20	1	-	-	-	
NOTES:												
A. PROVIDE FUSE AMP RATINGS PER EQUIPMENT NAMEPLATE, WHERE FUSES ARE INSTALLED.												
B. SAFETY DISCONNECT SWITCHES AT ROOF SHALL BE MOUNTED ON PIPE OR METAL STRUT VERTICAL SUPPORT, ADJACENT TO MECHANICAL EQUIPMENT AND LABELED. COORDINATE LOCATION WITH MECHANICAL SYSTEM INSTALLER AND MAINTAIN ACCESS CLEARANCE TO MECHANICAL EQUIPMENT. SEAL ROOF PENETRATIONS PER ARCHITECTURAL ROOFING REQUIREMENTS.												
C. CONDUIT SHALL BE CONCEALED BELOW ROOF, EXCEPT FOR STUB-UP CONNECTIONS TO EQUIPMENT AND DISCONNECTS, UNLESS OTHERWISE NOTED OR APPROVED.												
D. CONTRACTOR TO CONFIRM OVERCURRENT PROTECTION RATINGS RECOMMENDED BY MANUFACTURER OF APPROVED EQUIPMENT PRIOR TO ORDERING AND INSTALLATION OF CIRCUIT BREAKERS IN PANELS.												

LIGHTING FIXTURE SCHEDULE									
<b>NOTES:</b>									
1. ALL FIXTURES SHALL BE U.L. OR SIMILARLY LISTED.									
2. REFER TO ARCHITECTURAL DOCUMENTS FOR EXACT MOUNTING LOCATIONS, DETAILS, AND CONFIGURATIONS OF ALL LUMINAIRES. IF ARCHITECTURAL DRAWINGS DO NOT CLARIFY EXACT MOUNTING LOCATION OR DETAIL, ISSUE AN RFI FOR ARCHITECT TO SPECIFICALLY CLARIFY PRIOR TO FIXTURE ROUGH-IN.									
3. VERIFY COMPATIBILITY OF LIGHT FIXTURES WITH CEILING MATERIAL, ADJACENT CONSTRUCTION, AND ADJACENT FINISHES PRIOR TO SHOP DRAWINGS SUBMITTAL. NOTIFY THE ARCHITECT OF ANY CONFLICTS WITH THE PROPOSED INSTALLATION.									
4. CONTRACTOR IS RESPONSIBLE FOR ALL MISCELLANEOUS HARDWARE NECESSARY TO INSTALL AND SUPPORT THE LUMINAIRES. VERIFY MOUNTING OPTIONS WITH FIELD CONDITIONS PRIOR TO SUBMITTALS.									
5. AIM AND TARGET ADJUSTABLE LIGHT FIXTURES UNDER THE OBSERVATION AND IN COMPLIANCE WITH RECOMMENDATIONS OF THE OWNER AND ARCHITECT. INCLUDE LABOR AND MATERIAL COSTS MADE NECESSARY BY THIS REQUIREMENT.									
6. TRACK LIGHTING SHALL INCLUDE FITTINGS AND ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION AT THE CEILING LOCATIONS PROPOSED.									
7. EMERGENCY FIXTURE SYMBOLS NOTED ON THE DRAWINGS SHALL BE AS SCHEDULED BELOW, WITH THE ADDITION OF INTEGRAL 90-MINUTE BATTERY PACK OPERATION. PROVIDE CONSTANT HOT AND SWITCH LEG TO FIXTURES WITH INTEGRAL EMERGENCY...									
8. LIGHTING FIXTURE EQUAL ALTERNATES DIFFERING FROM THE SPECIFIED MANUFACTURER AND MODEL ARE SUBJECT TO REVIEW AND APPROVAL BY OWNER AND ARCHITECT. FOOTCANDLE CALCULATIONS OF THE APPLICATION WILL BE REQUIRED UPON...									
TYPE	MANUFACTURER	MODEL	DESCRIPTION	VOLTAGE	LOAD-VA	LAMP TYPE	APPROVED EQUALS		
A1	MARK	WHSPR-2X4-90CRI-4000LM-MINI-MVOLT-SWC-2T	LED RECESSED 2X4, WITH SOFT WHITE ACRYLIC SHIELD, WHITE, 90CRI	277 V	34 VA	LED 3500K 4000LM	LEDALITE SILKSPACE		
A2	MARK	WHSPR-2X2-90CRI-4000LM-NODIM-MVOLT-SWC	LED RECESSED 2X2, WITH SOFT WHITE ACRYLIC SHIELD, WHITE, 90CRI	277 V	38 VA	LED 3500K 4000LM	LEDALITE SILKSPACE		
A3	MARK	WHSPR-1X4-90CRI-4800LM-MINI-MVOLT-SWC-2T	RECESSED TROFFER 1X4, WITH SOFT WHITE ACRYLIC SHIELD, WHITE, 90CRI	277 V	49 VA	LED 3500K 4800LM	LEDALITE SILKSPACE		
D1	GOTHAM	EV06-35-20-AR-MWD-LSS-MVOLT-G21	6IN LED OPEN DOWNLIGHT, WITH CLEAR FLANGE AND SEMI-SPECULAR FINISH	277 V	20 VA	LED 3500K 2000LM	LIGHTOLIER CALCULITE		
E1	LITHONIA	ELMAL	EMERGENCY LIGHT, WALL MOUNTED, WHITE THERMOPLASTIC HOUSING, 2 LED ADJUSTABLE LAMP HEADS, WITH 90-MINUTE BATTERY BACKUP	277 V	2 VA	LED	EATON/COOPER, PHILIPS		
F1	RBW	PASTILLE 1 DISC PAS-ID-D-PC20-35-277 10 DEX	LED INTERIOR WALL SCONCE, WHITE, 90CRI	277 V	8 VA	LED 3500K 430LM			
F2	RBW	CENTRO CTF-18-PC20-35-277 10 DIN	LED SURFACE MOUNTED FIXTURE - 18IN ROUND, WHITE, 90CRI	277 V	30 VA	LED 3500K 2400LM			
F3	TECH LIGHTING	KOSA 18	LED SURFACE MOUNTED FIXTURE - 18IN ROUND, WHITE, 90CRI, 0-10V DIMMING	277 V	22 VA	LED 3500K 2000LM			
L1	LITHONIA	Z1LN-L48-5000LM-FST-MVOLT-35K-80CRI-WH-HQCL (LENGTH)	4FT LED STRIP WITH FROSTED LENS, CUSTOM LENGTH CHAIN HUNG PENDANT MOUNT AT 9'-4" AFF. CONFIRM PROPER CLEARANCE FROM LADDER TRAY IN FRAME ROOM.	277 V	25 VA	LED 3500K 750LMFT	EATON/COOPER, PHILIPS		
L2	AXIS	BEAM 2 TB08LED-750-90-35-WW-S(14)-W-UNV-OP-1-S	14FT LED LINEAR SURFACE MOUNT DIRECT WALLWASH, 90CRI, MOUNT 2FT SETBACK FROM WALL, FLUSH TO CEILING WITH THREADED ROD THROUGH CEILING TILE	277 V	90 VA	LED 3500K 750LMFT	CORONET LS2		
P1	FINELIGHT	HPXP-ID-8-S-B-835-TG-277-SC-FC1%-FA100-C2-F E-SW	10FT LED LINEAR PENDANT FIXTURE, DIRECT/INDIRECT, VERIFY MOUNTING HEIGHT WITH ARCHITECT.	277 V	62 VA	LED 3500K 7560LM	CORONET LS3		
P2	FINELIGHT	HPXP-ID-16-S-B-835-TG-277-SC-FC1%-FA100-C2-F E-SW	10FT LED LINEAR PENDANT FIXTURE, DIRECT/INDIRECT, VERIFY MOUNTING HEIGHT WITH ARCHITECT.	277 V	124 VA	LED 3500K 15120LM	CORONET LS3		
P3	FINELIGHT	HPXP-ID-24-S-B-835-TG-277-SC-FC1%-FA100-C2-F E-SW	14FT LED LINEAR PENDANT FIXTURE, DIRECT/INDIRECT, VERIFY MOUNTING HEIGHT WITH ARCHITECT.	277 V	185 VA	LED 3500K 22860LM	CORONET LS3		
T1	CORONET MAGNETO	MAG-WW-22-35-MED-W MAG-TRK SERIES TRACK WITH DRIVER(S)	12FT LED MODULAR TRACK SYSTEM, (4) 32W WALL WASH MODULES, WHITE FINISH, 90CRI, MOUNT TRACK 3FT SETBACK FROM WALL, SPACE MODULES 6FT ON CENTER	277 V	128 VA	LED 3500K			
T2	CORONET MAGNETO	MAG-WW-16-35-MED-W MAG-TRK SERIES TRACK WITH DRIVER(S)	10FT LED MODULAR TRACK SYSTEM, (3) 32W WALL WASH MODULES, WHITE FINISH, 90CRI, MOUNT TRACK 3FT SETBACK FROM WALL, SPAGE MODULES 6FT ON CENTER	277 V	96 VA	LED 3500K			
T3	CORONET MAGNETO	MAG-SP-LRG-36-MED-W-F MAG-TRK SERIES TRACK WITH DRIVER(S)	8FT LED MODULAR TRACK SYSTEM, (6) 17W 36-DEGREE HEADS, WHITE FINISH, 90CRI, SPACE HEADS 1FT ON CENTER, AIM AND ADJUST HEADS IN FIELD AS DIRECTED BY OWNER	277 V	85 VA	LED 3500K			
X1	LITHONIA	LQM-S-W-3-G-MVOLT-ELN	LED EXIT SIGN, SINGLE FACE, UNIVERSAL MOUNTING, WITH 90-MINUTE BATTERY BACKUP	277 V	5 VA	GREEN LED	EVENLITE TELEESIS		
X2	LITHONIA	LQM-S-W-3-G-MVOLT-ELN	LED EXIT SIGN, DOUBLE FACE, UNIVERSAL MOUNTING, WITH 90-MINUTE BATTERY BACKUP, CHEVRONS AS SHOWN ON PLANS.	277 V	5 VA	GREEN LED	EVENLITE TELEESIS		

LIGHTING CONTROLS SCHEDULE						
NOTES:						
1. ALL DEVICES SHALL BE U.L. OR SIMILARLY LISTED.						
2. ALL DEVICES PROVIDED WITH MANUFACTURER LIMITED 5 YEAR WARRANTY.						
3. PROVIDE LIGHTING CONTROLS WITH MANUFACTURER COMPLIANT POWER PACKS AND LOW VOLTAGE ROOM CONTROLLERS IN QUANTITY REQUIRED TO INSTALL A COMPLETE AND OPERATIONAL SYSTEM. MANUFACTURER OR MANUFACTURERS REP TO PROVIDE DEVICE QUANTITIES, LAYOUTS AND TYPICAL WIRING DETAILS DURING SHOP SUBMITTAL PROCESS. LIGHTING CONTROL COMPONENTS SHALL BE WIRING CONNECTION, NO WIRELESS ARE ACCEPTED. PROVIDE DIMMING COMPATIBLE DEVICES WHERE DIMMING CONTROLS ARE SHOWN. COORDINATE DIMMING TYPE WITH LIGHTING FIXTURES SHOWN. REFER TO...						
4. INSTALL LOW VOLTAGE POWER PACKS AND ROOM CONTROLLERS ABOVE NEARBY ACCESSIBLE CEILING TILES OR IN MECHANICAL/STORAGE SPACES ADJACENT TO CONTROLLED FIXTURES. DO NOT INSTALL POWERPACKS EXPOSED IN COMMON SPACES OR IN INACCESSIBLE LOCATIONS.						
5. PROVIDE FACTORY AUTHORIZED REPRESENTATIVE TO DEMONSTRATE TYPICAL INSTALLATION AND COMMISSIONING OF EQUIPMENT.						
6. WHERE APPROVED EQUAL MANUFACTURER PRODUCTS SENSOR COVERAGE OR LOAD RATINGS DIFFER FROM BASIS OF DESIGN, CONTRACTOR AND MANUFACTURER ARE RESPONSIBLE FOR PROVIDING ADDITIONAL DEVICES AS NECESSARY TO PROVIDE A COMPLETE AND OPERABLE SYSTEM.						
7. EMERGENCY LIGHTING AND BATTERY BACKUP COMPONENTS SHALL BE TESTED AND LISTED AS COMPATIBLE BY MANUFACTURER WITH NORMAL LIGHTING CONTROLS IN ALL AREAS.						
8. UNLESS INDICATED OTHERWISE, LIGHTING CONTROL SCHEMES/OPERATION SHALL BE AS FOLLOWS:						
CORRIDORS, RECEPTION VESTIBULES, COMMON SPACES:		EXISTING RELAY SYSTEM WITH MANUAL ON LOW-VOLTAGE TOGGLES AND AUTOMATIC TIMED OFF OFF OPERATION.				
BOARD ROOM:		SENSORS PROGRAMMED FOR VACANCY MODE, MANUAL ON/AUTOMATIC OFF OPERATION 20 MINUTE TIME DELAY. DIMMING CONTROL OF FIXTURES WITHIN DAYLIGHT ZONES SHALL BE BY ALWAYS ON DAYLIGHT SENSOR. INTEGRATED PROVISIONS FOR THREE (3) PRESET SCENES BY DRY CONTACT INTERFACE WITH AV SYSTEM. VERIFY PRESET CONTROLS WITH OWNER...				
ALL OTHER SPACES:		SENSORS PROGRAMMED FOR VACANCY MODE, MANUAL ON/AUTOMATIC OFF OPERATION 20 MINUTE TIME DELAY. DIMMING CONTROL OF FIXTURES WITHIN DAYLIGHT ZONES SHALL BE BY ALWAYS ON DAYLIGHT SENSOR.				
DESIGNED BY: INITIALS						
TYPE	DESCRIPTION	ELECTRICAL	MOUNTING	SENSOR TYPE	COVERAGE	APPROVED MANUFACTURERS
OS1	WALL SWITCH OCCUPANCY SENSOR, DEVICE FINISH MATCHING WIRING DEVICES SPEC. RATED FOR MIN 1/6 HP MOTOR, INTEGRAL AUTOMATIC SELF-ADAPTIVE COVERAGE THRESHOLD AND FALSE ON/FALSE OFF CORRECTION, 6-30 MINUTE TIMER SETTINGS.	277V	WALL SWITCH / SINGLE GANG	PASSIVE INFRARED	1000 SQ FT / 180 DEG	WATTSTOPPER
S1a	SINGLE ZONE CONTROL LIGHT SWITCH, DIMMING LIGHTING CONTROL, LIGHTING CONTROLS NETWORK COMPATIBLE DEVICE, ROOM CONTROLLER COMPATIBLE, ENABLING MULTI-ZONE SWITCHING CONTROL, AND MULTI-SOURCE DIMMING, PROVIDED WITH MANUFACTURER DECORATIVE WALLPLATE, DEVICE FINISH MATCHING WIRING DEVICES SPEC.	LOW VOLTAGE	WALL SWITCH / SINGLE GANG	N/A	N/A	WATTSTOPPER
S2a	TWO ZONE CONTROL LIGHT SWITCH, DIMMING LIGHTING CONTROL, LIGHTING CONTROLS NETWORK COMPATIBLE DEVICE, ROOM CONTROLLER COMPATIBLE, ENABLING MULTI-ZONE SWITCHING CONTROL, AND MULTI-SOURCE DIMMING, PROVIDED WITH MANUFACTURER DECORATIVE WALLPLATE, DEVICE FINISH MATCHING WIRING DEVICES SPEC.	LOW VOLTAGE	WALL SWITCH / SINGLE GANG	N/A	N/A	WATTSTOPPER
D Y2	CONTINUOUS DIMMING 0-10V CONTROL, PHOTOCELL, LIGHTING CONTROLS NETWORK COMPATIBLE DEVICE, ROOM CONTROLLER COMPATIBLE, ENABLING MULTI-ZONE SWITCHING CONTROL, AND MULTI-SOURCE DIMMING, 0-500 FC LIGHT SENSITIVITY WITH ADJUSTABLE THRESHOLD, ADJUSTABLE DIMMING TIME DELAY.	LOW VOLTAGE	CEILING	CLOSED LOOP	N/A	WATTSTOPPER
OS OS2	WALL SWITCH OCCUPANCY SENSOR, DEVICE FINISH MATCHING WIRING DEVICES SPEC. RATED FOR MIN 1/6 HP MOTOR, INTEGRAL AUTOMATIC SELF-ADAPTIVE COVERAGE THRESHOLD AND FALSE ON/FALSE OFF CORRECTION, 6-30 MINUTE TIMER SETTINGS.	277V / 0-10V DIMMING	WALL SWITCH / SINGLE GANG	DUAL-TECH	1000 SQ FT / 180 DEG	WATTSTOPPER
OS Y2	CEILING MOUNTED OCCUPANCY/VACANCY SENSOR, WHITE FINISH, AUTOMATIC SELF-ADAPTIVE COVERAGE THRESHOLD AND FALSE ON/FALSE OFF CORRECTION, 6-30 MINUTE TIMER SETTINGS, INDOOR USE.	LOW VOLTAGE	CEILING / 8'-12" MH	DUAL-TECH	2000 SQ FT / 360 DEG	WATTSTOPPER

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14630  
R. KORN  
EXPIRES: 6/30/2023

REVISIONS:  
1. REVISION 1 3/11/22  
2. REVISION 2 3/17/22

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Portland, OR  
97209

BEAVERTON SCHOOL DISTRICT - SUMMIT CENTRAL OFFICE REMODEL

SUMMIT BUILDING  
1250 NW WATERHOUSE AVE BEAVERTON, OREGON 97006  
PERMIT DOCUMENTATION

PROJECT: 21019  
DATE: 02.18.2022

ELECTRICAL  
SCHEDULES

E301





TECHNOLOGY COMMUNICATIONS PLAN - LEVEL 1  
1/8" = 1'-0" 1

GENERAL NOTES

A. COORDINATE LOCATION/INSTALLATION OF MECHANICAL AND ELECTRICAL WORK WITH ALL OTHER TRADES. NO ASPECT OF A SYSTEM INSTALLATION OR ITS ROUGH-IN SHALL COMMENCE UNTIL PROPER AND TIMELY COORDINATION WITH ALL TRADES ASSOCIATED WITH THE INSTALLATION HAS TRANSPIRED. ITEMS TO BE COORDINATED SHALL INCLUDE BUT NOT BE LIMITED TO: BUILDING STRUCTURE, SHEET METAL, PIPING SYSTEMS, LIGHT FIXTURES, CONDUITS, CABLE TRAYS, ETC. REFER TO ALL GENERAL, MECHANICAL, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.

B. PROVIDE PENETRATIONS REQUIRED FOR ROUTING CABLE AND RACEWAYS THROUGH THE BUILDING. COORDINATE FIRE RATED WALL PENETRATIONS AND PROVIDE CONDUIT SLEEVES AND FIRE STOPPING TO MAINTAIN RATING.

C. PROVIDE J-HOOKS, BRIDLE RINGS AND OTHER ACCESSORIES REQUIRED TO SUPPORT ALL TELECOMMUNICATIONS AND SECURITY MANAGEMENT SYSTEM CABLEING.

D. PROVIDE UNDERGROUND CABLEING PATHWAYS TO FLOOR BOXES AND OUTLETS LOCATED IN LOW-HEIGHT PARTITION AT RECEPTION DESK. SAWCUT AND REPAIR EXISTING CONCRETE FLOOR.

E. ABBREVIATIONS:  
N - NEW ITEM IN EXISTING LOCATION

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REVISIONS:  
2 REVISION 2 3/17/22

KEYNOTES

1. ELEVATED DATA CABLEING SERVING FLAT PANEL DISPLAY SHALL BE HOSTED INSIDE OF A COMMON TV BACK BOX ALONG WITH ELECTRICAL AND AUDIO VISUAL CONNECTIVITY. REFER TO THE AV SERIES DRAWINGS AND DETAILS FOR ADDITIONAL INFORMATION.

2. DATA OUTLET SHALL SERVE AUDIO VISUAL, RACK CONNECTIVITY NEEDS. COORDINATE ROUGH-IN FOR THIS OUTLET TO BE ADJACENT TO THE AUDIO VISUAL BACKBOX AND POWER.

3. PROVIDE FOUR (4) 4" CONDUIT SLEEVE FLOOR PENETRATIONS FROM THIS FRAME ROOM DOWN TO THE FLOOR BELOW. UTILIZE THESE PATHWAYS FOR TELECOMMUNICATIONS CABLEING AND ALL OTHER SPECIAL SYSTEMS.

4. ROUTE ALL 1ST FLOOR DATA CABLEING TO THE 2ND FLOOR FRAME ROOM.

5. LOCATION OF MAIN BUILDING AC GROUND BUSBAR. PROVIDE A NEW COMMUNICATIONS GROUNDING AND BONDING SYSTEM INSIDE EACH OF THE TELECOMMUNICATIONS ROOMS. EXTEND A NEW TELECOMMUNICATIONS BONDING BACKBONE (TBB) CONDUCTOR FROM THIS LOCATION TO THE 2ND AND 3RD FLOOR TELECOMMUNICATIONS ROOMS.

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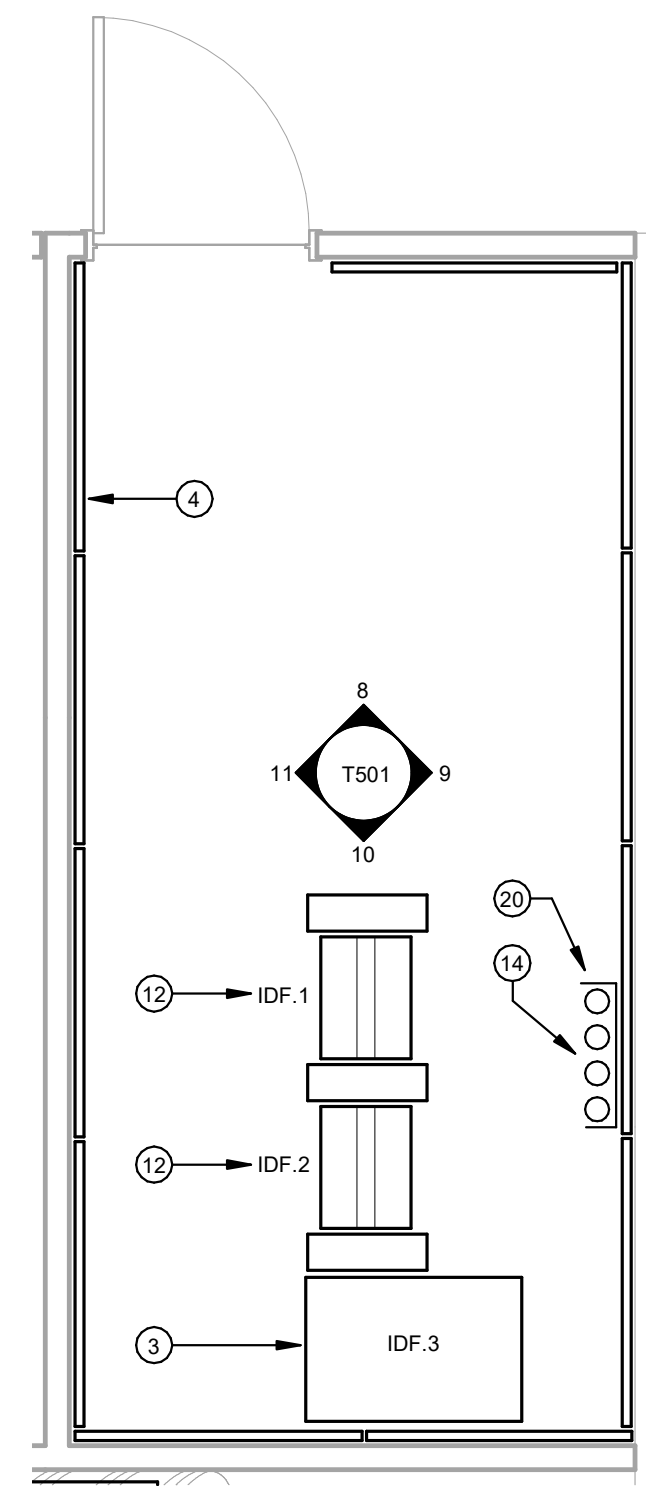


GENERAL NOTES:

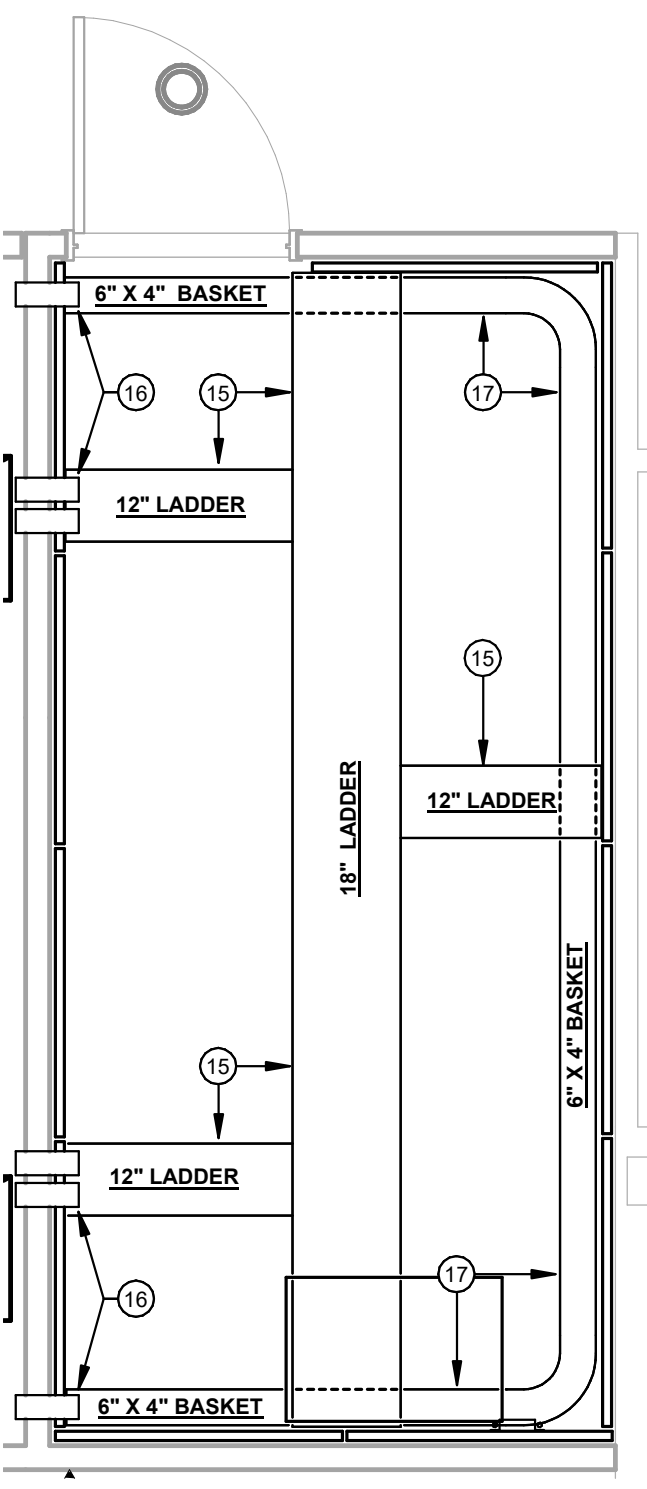
- A. DETAILS ILLUSTRATED HERE ARE FOR BID PURPOSES. AWARDED CONTRACTOR SHALL COORDINATE THE ROOM AND RACK LAYOUT WITH THE DESIGN TEAM AND OWNER PRIOR TO INSTALLATION.
- B. BIDDING CONTRACTOR FOR THE TELECOMMUNICATIONS CABLING INFRASTRUCTURE SHALL BE MANUFACTURER CERTIFIED AND CAPABLE OF PROVIDING THE 25 YEAR WARRANTY ON THE INSTALLATION.
- C. LABELING SCHEME FOR BOTH PATCH PANELS AND WORK AREA OUTLETS SHALL FOLLOW THE BEAVERTON COMMUNITY SCHOOL DISTRICT SCHEME. DEMARCATION ROOM SHALL BE FRAME 0, FRAME ROOM 225 SHALL BE FRAME 1, AND FRAME 332 SHALL BE FRAME 2.
- D. PROVIDE NEATLY MANAGED BUNDLES OF ALL EXPOSED SPECIAL SYSTEMS CABLING INSIDE THE TELECOMMUNICATIONS ROOMS. UTILIZE VELCRO STRAPS SUPPORTING THE BUNDLES EVERY 5 FEET. ZIP TIES SHALL NOT BE ACCEPTED.
- E. PROVIDE A FINAL CLEANING OF THE ROOM AND EQUIPMENT RACKS TO KEEP THEM FREE FROM DUST, DIRT AND DEBRIS PRIOR TO ACTIVE EQUIPMENT INSTALLATION.
- F. ALL FIBER AND COPPER PATCH CABLES SHALL BE PROVIDED AND INSTALLED BY THE BEAVERTON COMMUNITY SCHOOL DISTRICT.  
**EXCEPT:** WIRELESS ACCESS POINT PATCH CABLES SHALL BE PROVIDED BY THE OWNER BUT INSTALLED BY THE AWARDED CONTRACTOR ALONG WITH THE ACCESS POINT.

KEYNOTES

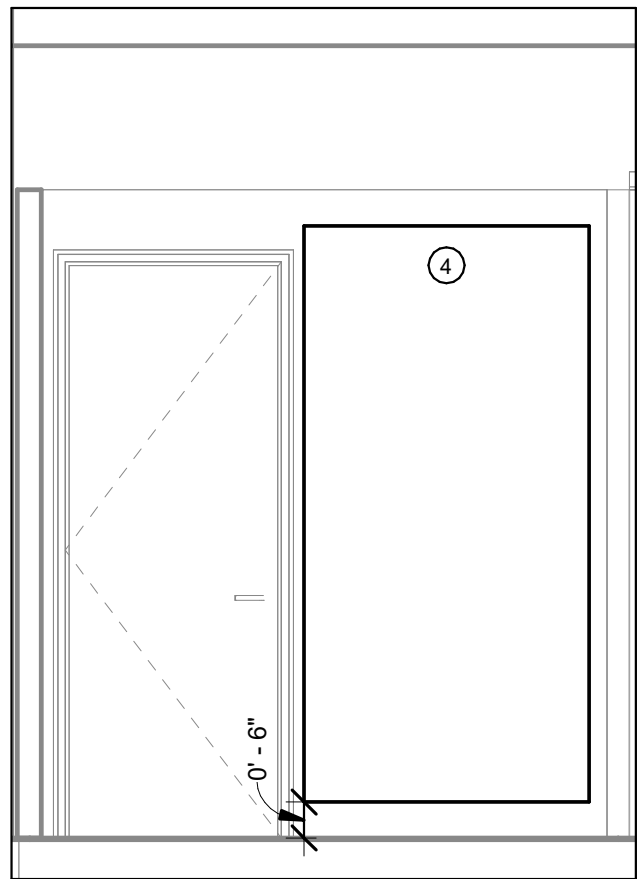
1. EXISTING AC GRADE PLYWOOD TO REMAIN.
2. EXISTING CHATSWORTH 2-POST RACKS AND VERTICAL CABLE MANAGERS TO BE RE-USED. RE-ANCHOR THE 2-POST RACKS TO ACCOMMODATE THE NEW 4-POST RACK AS ILLUSTRATED.
3. PROVIDE NEW 4-POST RACK AND ANCHOR INTO POSITION. COORDINATE THE ADJUSTABLE DEPTH WITH THE BEAVERTON COMMUNITY SCHOOL DISTRICT PRIOR TO INSTALLING.
4. PROVIDE 4' X 8' SHEETS OF 3/4" AC GRADE PLYWOOD AND LINE ALL WALLS AS ILLUSTRATED.
5. 2U 48-PORT MODULAR PATCH PANEL SERVING COPPER TIES TO OTHER CLOSETS AND SERVICE PROVIDER TIE.
6. 2U 48-PORT MODULAR PATCH PANEL SERVING WIRELESS ACCESS POINTS ON LEVEL 1.
7. 2U 48-PORT MODULAR PATCH PANEL SERVING WIRELESS ACCESS POINTS ON LEVEL 2.
8. 2U 48-PORT MODULAR PATCH PANEL SERVING ALL OTHER HORIZONTAL CABLING ON LEVEL 1.
9. 2U 48-PORT MODULAR PATCH PANEL SERVING ALL OTHER HORIZONTAL CABLING ON LEVEL 2.
10. 2U 48-PORT MODULAR PATCH PANEL SERVING WIRELESS ACCESS POINTS ON LEVEL 3.
11. 2U 48-PORT MODULAR PATCH PANEL SERVING ALL OTHER HORIZONTAL CABLING ON LEVEL 3.
12. PROVIDE NEW 2-POST FLOOR-ANCHORED RACK AND ASSOCIATED DOUBLE-SIDED VERTICAL CABLE MANAGERS. PROVIDE THE BOSCH DSM120V4 INTRUSION DETECTION PANEL AND ASSOCIATED ENCLOSURE. PROVIDE REQUIRED POWER SUPPLY, BACKUP BATTERY AND ACCESSORIES FOR A FULLY FUNCTIONAL SYSTEM.
13. PROVIDE FOUR (4) 4" CONDUIT SLEEVE FLOOR PENETRATIONS FROM THIS FRAME ROOM DOWN TO THE FLOOR BELOW. UTILIZE THESE PATHWAYS FOR TELECOMMUNICATIONS CABLING AND ALL OTHER SPECIAL SYSTEMS.
14. PROVIDE CABLE RUNWAY (LADDER) AS ILLUSTRATED HERE TO SERVE TELECOMMUNICATIONS AND DATA CABLING. SECURE LADDER TO THE RACKS AND PROVIDE J-BOLTS AND ASSOCIATED ACCESSORIES AND HARDWARE TO INSTALL RUNWAY PER MANUFACTURER'S RECOMMENDATIONS.
15. PROVIDE THREE (3) 4" LEAD-PATH SERIES 44 SLEEVES. TWO SHALL BE RESERVED FOR TELECOMMUNICATIONS VOICE AND DATA CABLING WITH THE OTHER SERVING ALL OTHER SPECIAL SYSTEMS.
16. PROVIDE A SEPARATE CABLE TRAY PATHWAY FOR INTRUSION DETECTION AND ACCESS CONTROL AS ILLUSTRATED. UTILIZE WIRE BASKET STYLE TRAY FOR THIS PATHWAY.
17. PROVIDE A SECONDARY BONDING BUSBAR MOUNTED JUST BELOW THE CABLE TRAY. PROVIDE GROUNDING AND BONDING CONNECTIVITY AS DEFINED IN SPECIFICATION SECTION 27.0526.
18. RE-INSTALL THE EXISTING SECONDARY BONDING BUSBAR MOUNTED BELOW THE CABLE TRAY. PROVIDE GROUNDING AND BONDING CONNECTIVITY AS DEFINED IN SPECIFICATION SECTION 27.0526.
19. PROVIDE A 24" X 2" WIRE BASKET TRAY AND WALL MOUNT IT TO MANAGE AND SUPPORT INCOMING AND OUTGOING INFRASTRUCTURE.
20. PROVIDE ALTRONIX TROVE SERIES ENCLOSURE TO HOUSE ALL ASSOCIATED LEVEL INTELLIGENT SYSTEM CONTROLLERS AND READER INTERFACE BOARDS. ENSURE POWER SUPPLY OPTIONS ARE COORDINATED WITH THE PLANNED FIELD DEVICES AND BATTERY BACKUP IS PROVIDED.
21. PROVIDE 1U HORIZONTAL WIRE MANAGER EQUAL TO LEVITON 45025-LPM.
22. PROVIDE CABLE DROP-OUTS TO LADDER RUNWAY FOR EACH LOCATION THAT CABLING EXITS THE RUNWAY.



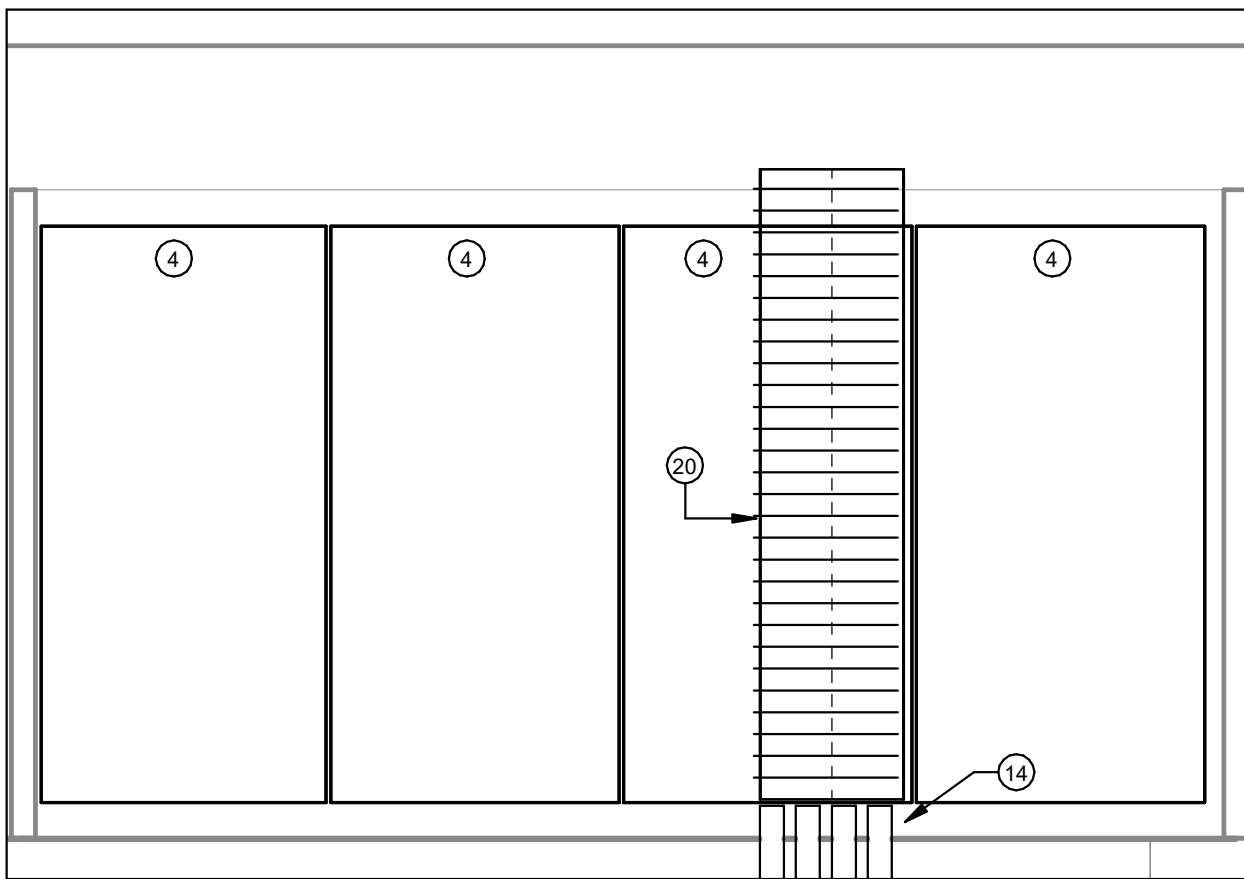
4 ENLARGED FLOOR PLAN - FRAME ROOM 332  
38' x 1'-0"



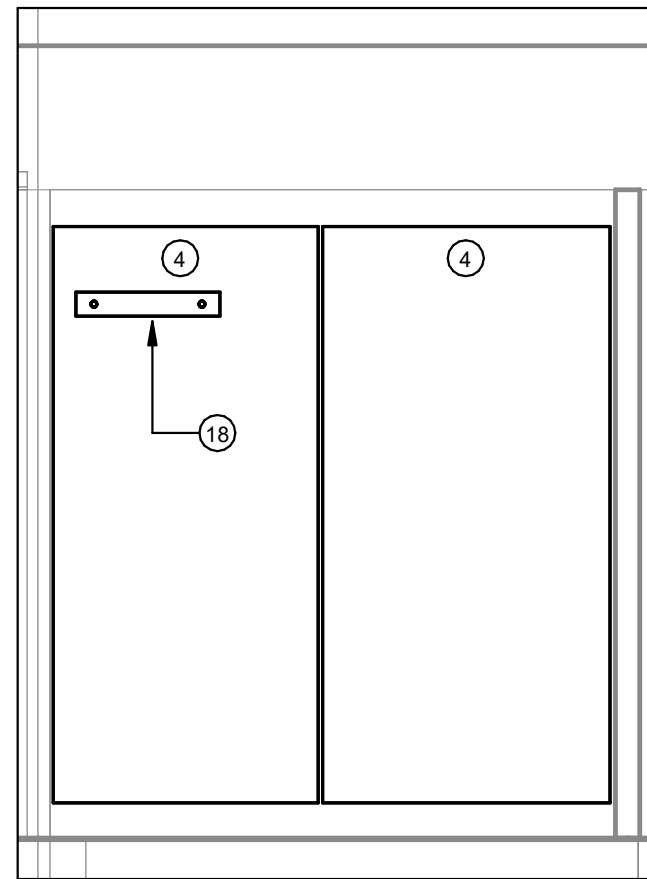
5 ENLARGED ROOM PLAN - FRAME ROOM 332  
38' x 1'-0"



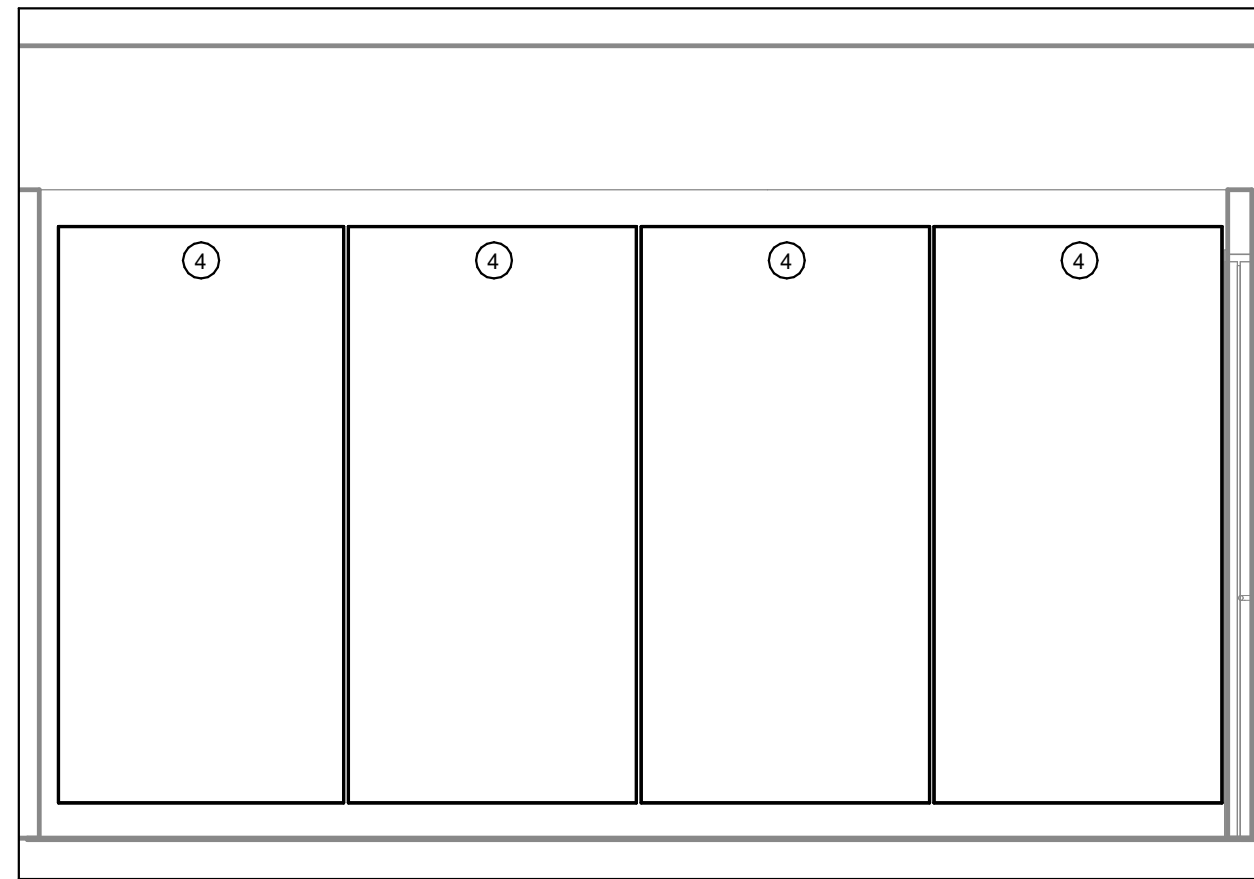
8 ELEVATION - FRAME ROOM 332 NORTH WALL  
38' x 1'-0"



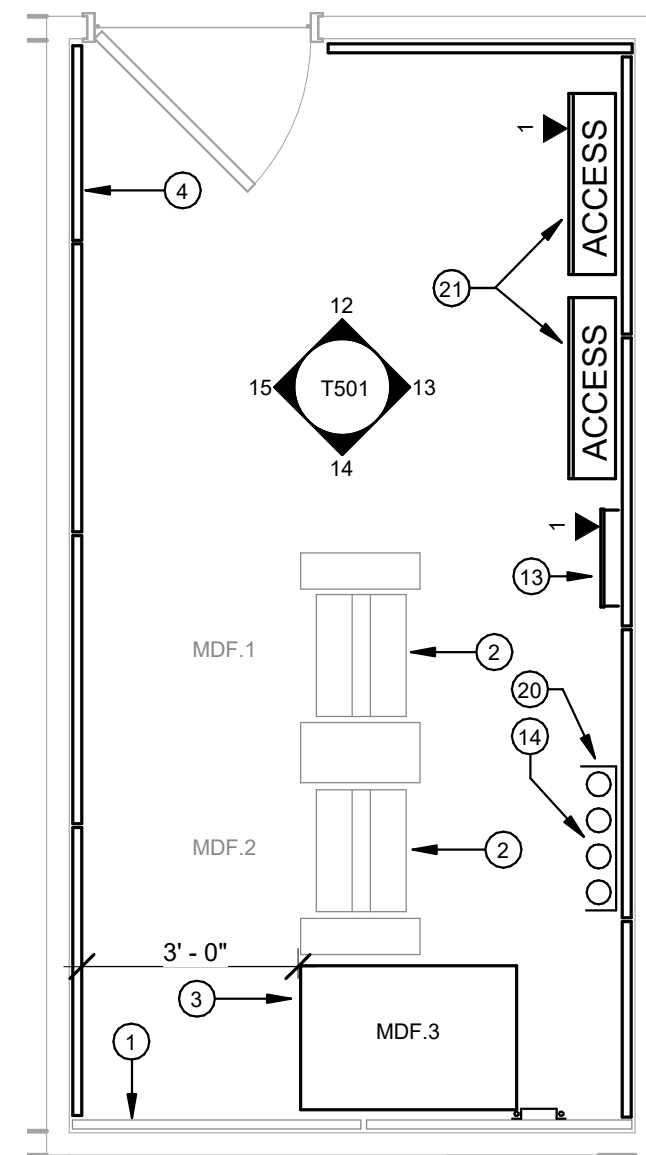
9 ELEVATION - FRAME ROOM 332 EAST WALL  
38' x 1'-0"



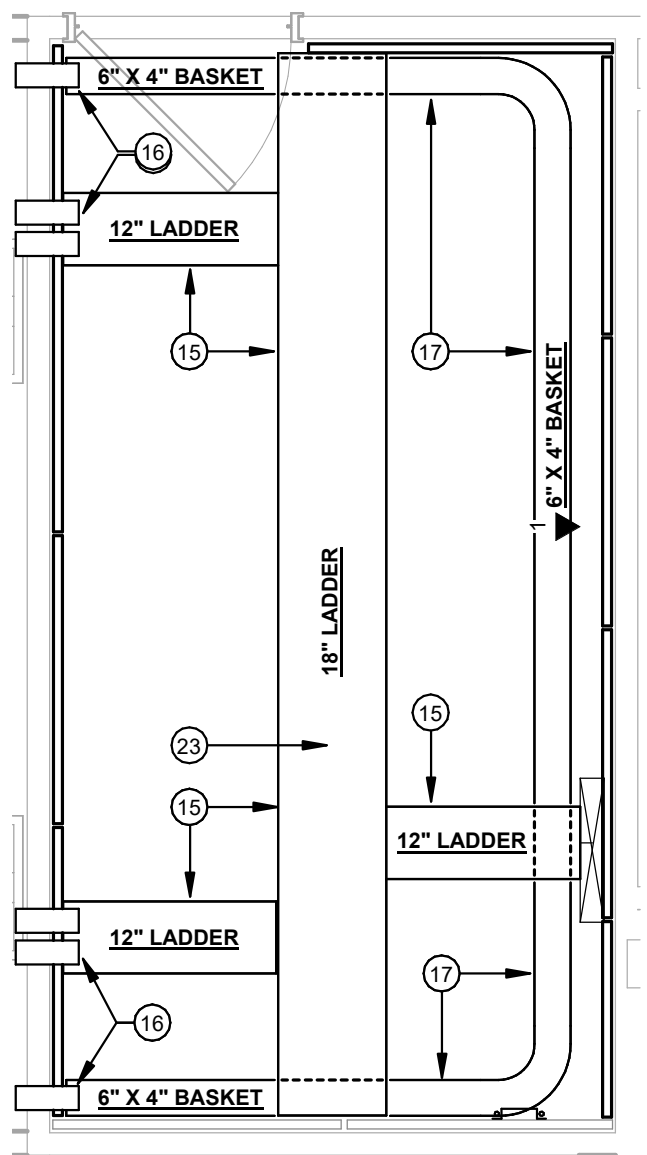
10 ELEVATION - FRAME ROOM 332 SOUTH WALL  
38' x 1'-0"



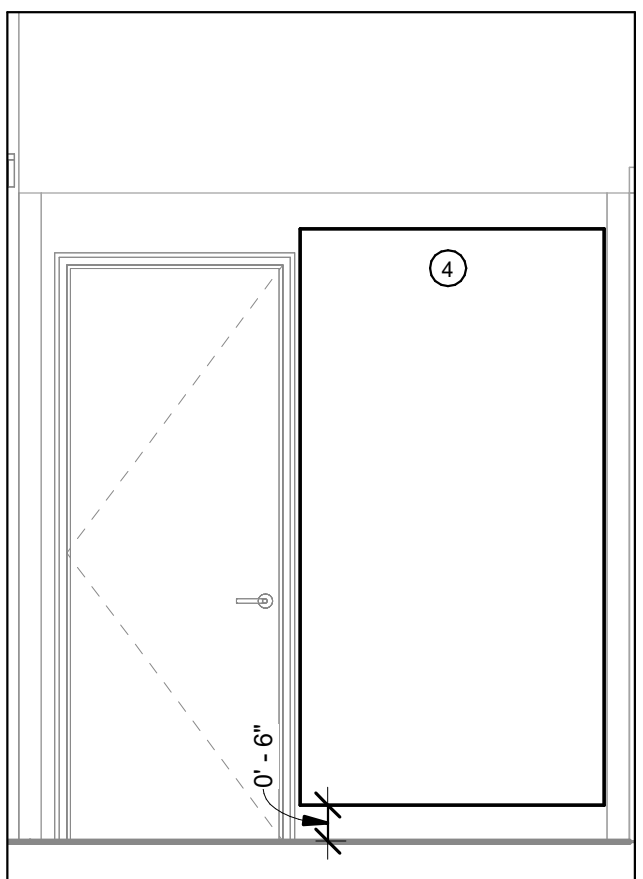
11 ELEVATION - FRAME ROOM 332 WEST WALL  
38' x 1'-0"



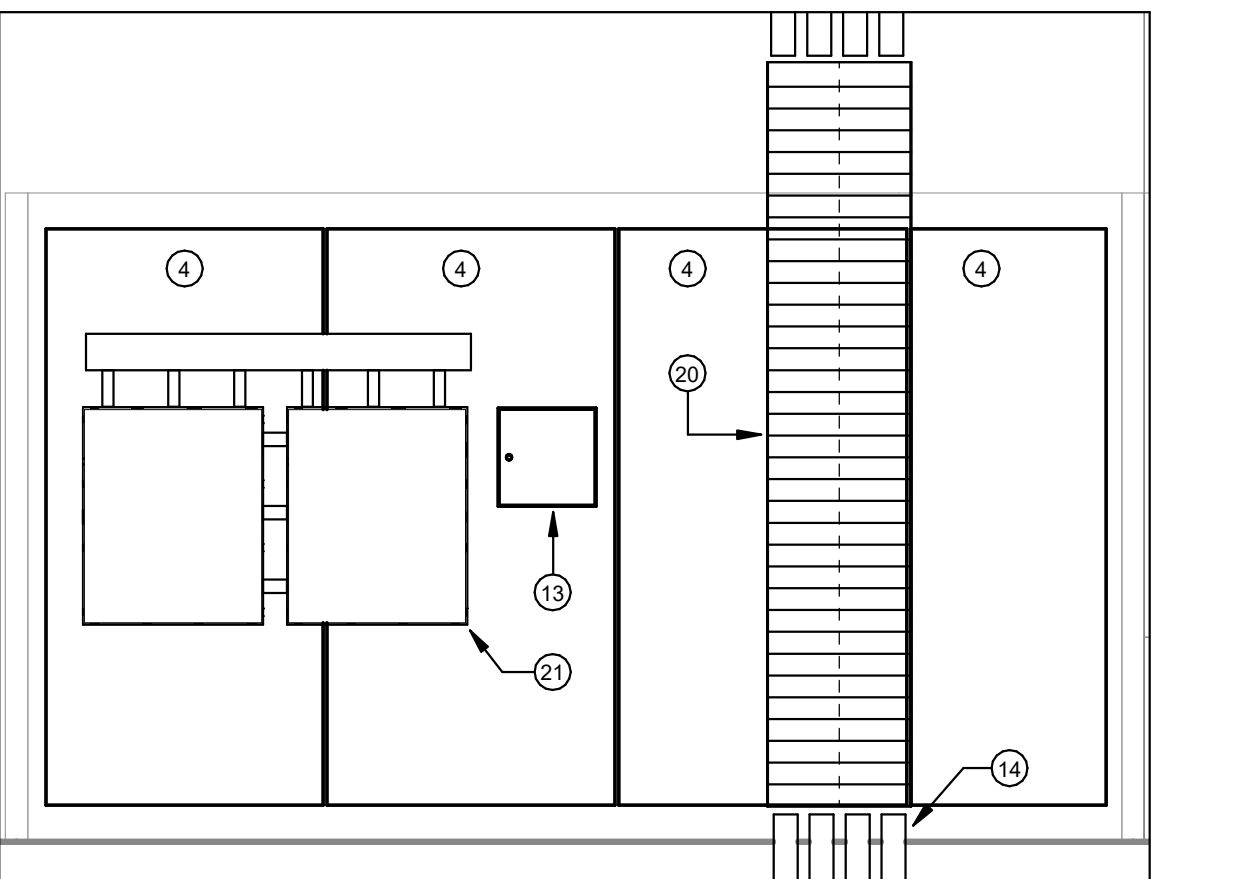
1 ENLARGED FLOOR PLAN - FRAME ROOM 225  
38' x 1'-0"



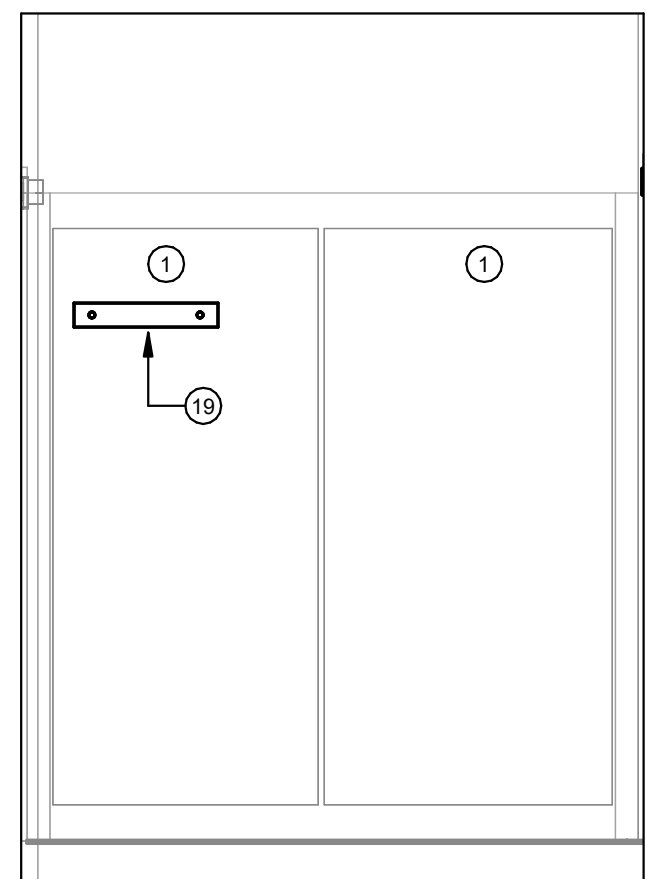
2 ENLARGED ROOM PLAN - FRAME ROOM 225  
38' x 1'-0"



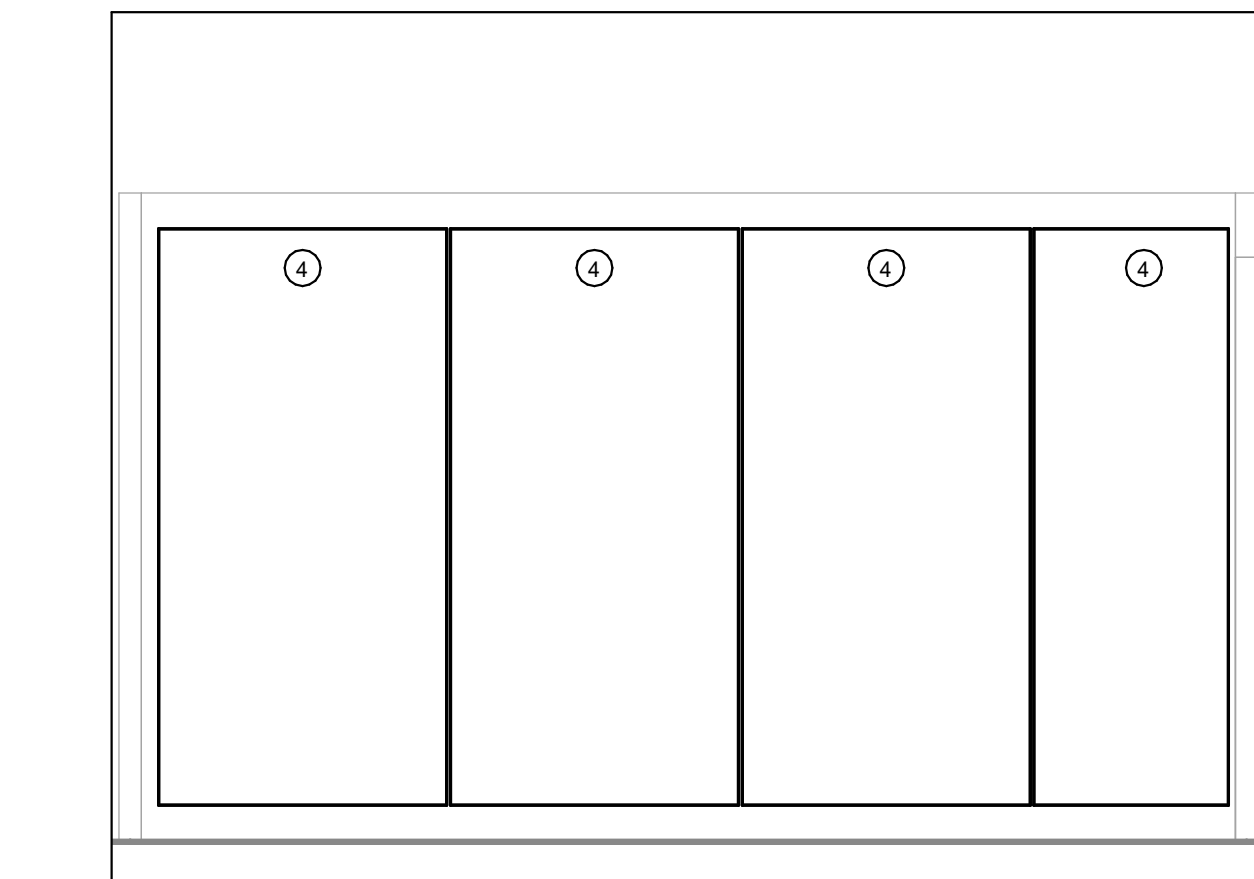
12 ELEVATION - FRAME ROOM 225 NORTH WALL  
38' x 1'-0"



13 ELEVATION - FRAME ROOM 225 EAST WALL  
38' x 1'-0"



14 ELEVATION - FRAME ROOM 225 SOUTH WALL  
38' x 1'-0"



15 ELEVATION - FRAME ROOM 225 WEST WALL  
38' x 1'-0"

NEW RACK SCHEDULE - MDF.1, MDF.2

IDENT.	MDF.1 AND MDF.2
MANUF.	EXISTING
MODEL	SR4POST
MOUNT	FLOOR RE-ANCHORED
HEIGHT	84.00' (45U)
WIDTH	20.2"
DEPTH	15"
PDU	TWO (2) APC AP8830
COLOR	BLACK
VERT. MGMT.	EXISTING

NEW RACK SCHEDULE - MDF.3

IDENT.	MDF.3
MANUF.	TRIPP LITE
MODEL	SR4POST
MOUNT	FLOOR ANCHORED
HEIGHT	84.00' (45U)
WIDTH	20.2"
DEPTH	36.00"(MAX ADJUSTABLE)
HOLES	M6 CAGE NUTS
UPS	EATON POWER WARE SPX2200RTN
COLOR	BLACK
MGMT.	EXISTING TO BE REUSED

**NOTE:**  
COORDINATE FINAL EQUIPMENT LAYOUT WITH OWNER PRIOR TO INSTALLATION  
\* INDICATES OWNER PROVIDED EQUIPMENT.

3 RACK DIAGRAMS - FRAME ROOM 225  
NOT TO SCALE

NEW RACK SCHEDULE - IDF.1 AND IDF.2

IDENT.	IDF.1 AND IDF.2
MANUF.	TRIPP LITE
MODEL	SR2POST
MOUNT	FLOOR ANCHORED
HEIGHT	84.00' (45U)
WIDTH	20.2"
DEPTH	36.00"(MAX ADJUSTABLE)
HOLES	M6 CAGE NUTS
UPS	EATON POWER WARE SPX2200RTN
PDU	TWO (2) APC AP8830
COLOR	BLACK
VERT. MGMT.	CHATSWORTH 30095-803

NEW RACK SCHEDULE - IDF.3

IDENT.	IDF.3
MANUF.	TRIPP LITE
MODEL	SR4POST
MOUNT	FLOOR ANCHORED
HEIGHT	84.00' (45U)
WIDTH	20.2"
DEPTH	36.00"(MAX ADJUSTABLE)
HOLES	M6 CAGE NUTS
UPS	EATON POWER WARE SPX2200RTN
COLOR	BLACK
MGMT.	EXISTING TO BE REUSED

**NOTE:**  
COORDINATE FINAL EQUIPMENT LAYOUT WITH OWNER PRIOR TO INSTALLATION  
\* INDICATES OWNER PROVIDED EQUIPMENT.

6 RACK DIAGRAMS - FRAME ROOM 332  
NOT TO SCALE



Type	Product	Manufacturer	Part number	Quantity
<b>Applies to room - 203</b>				
<b>Audio</b>				
	Internal display speakers only	OFE	OFE	2
<b>Video</b>				
	75" Display (Contractor installed, owner furnished) 2xSony XBR75X850F	OFE	OFE	2
	Casting device, TBD, contractor installed behind display, owner furnished	OFE	OFE	2
	Large display wall mount for 75" display	Chief	LTM1U	2
<b>Control</b>				
	IR Remote only	OFE	OFE	2
<b>Misc</b>				
	Misc. patch cords, inter-rack wiring, lacing bars, connectors, power supplies, etc. needed for a complete system.	TBD	Misc.	Batch
AV Contractor is responsible for a complete and operable system. Any discrepancies with equipment list or needed clarifications should be brought to attention of project manager/consultant prior to award of bid. Alternates to listed equipment will be considered as long as they are equivalent.				

### Room Functional Summary - Team Room 203

- 1) Two owner furnished 75" wall mounted displays
- 2) Owner furnished casting device to be installed behind each display by AV contractor
- 3) Casting device is the only input to display
- 4) Wall mounts will be AV contractor furnished and installed
- 5) Audio through internal display speakers only
- 6) Control of displays will be through OEF IR remotes only
- 7) Unless otherwise noted as OFE, all equipment is AV contractor provided
- 8) All equipment listed is AV contractor installed, regardless of who provides unless otherwise noted

Type	Product	Manufacturer	Part number	Quantity
<b>Applies to rooms - Medium Conference 106, Training 233 (2), Collab 326 (3)</b>				
<b>Audio</b>	Internal display speakers only	OFE	OFE	6
<b>Video</b>	75" Displays (provided and installed by AV contractor)	Samsung	QM75R	6
	Casting device, TBD, contractor installed behind display, owner furnished	OFE	OFE	6
	Large display wall mount for 75" displays	Chief	LTM1U	6
	Mount adapters	Chief	FHB5147	6
<b>Control</b>	IR Remote only	OFE	OFE	6
<b>Misc</b>	Misc. patch cords, inter-rack wiring, lacing bars, connectors, power supplies, etc. needed for a complete system.	TBD	Misc.	Batch

AV Contractor is responsible for a complete and operable system. Any discrepancies with equipment list or needed clarifications should be brought to attention of project manager/consultant prior to award of bid. Alternates to listed equipment will be considered as long as they are equivalent.

Room Functional Summary - Medium Conf. 106, Training 233, Collaboration Area 326

- 1) All rooms will have new 75" wall mounted displays (see drawings for quantity of display in each room)
- 2) Owner furnished casting device to be installed behind each display by AV contractor
- 3) Wall mounts will be AV contractor furnished and installed
- 4) Audio through internal display speakers only
- 5) Control of displays will be through OFE IR remotes only
- 7) Unless otherwise noted as OFE, all equipment is AV contractor provided
- 8) All equipment listed is AV contractor installed, regardless of who provides unless otherwise noted

NOTE: REVISE VIDEO DISPLAY SPECIFICATION ABOVE TO CONSUMER MODEL, SUCH AS SAMSUNG BE75T FOR THESE ROOMS WITH MATCHING WALL MOUNTS.

Type	Product	Manufacturer	Part number	Quantity
<b>Applies to room - 222 &amp; 226</b>				
<b>Audio</b>	Rally (Contractor installed, owner furnished)	OFE	OFE	2
<b>Video</b>	86" Display	Samsung	QM85R	2
	Large wall mount for 86" display	Chief	LTM1U	2
	Mount adapter	Chief	FHB5147	2
	Mac Mini for conferencing (Contractor installed behind display, owner furnished)	OFE	OFE	2
	* Back Box for installation behind displays	*Chief	*PAC 526F	2
<b>Control</b>	IR Remote only	OFE	OFE	2
<b>Misc</b>	Misc. patch cords, inter-rack wiring, lacing bars, connectors, power supplies, etc. needed for a complete system.	TBD	Misc.	Batch

\* This item provided by and installed by electrical contractor

AV Contractor is responsible for a complete and operable system. Any discrepancies with equipment list or needed clarifications should be brought to attention of project manager/consultant prior to award of bid. Alternates to listed equipment will be considered as long as they are equivalent.

### Room Functional Summary - Room 222 & 226

- 1) One contractor furnished 65" wall mounted display
- 2) Owner furnished Mac Mini for conferencing, contractor installed behind display
- 3) Owner furnished Rally system, contractor installed
- 4) Wall mounts will be AV contractor furnished and installed
- 5) Audio through rally system
- 6) Control of display will be through IR remotes only
- 7) Unless otherwise noted as OFE, all equipment is AV contractor provided
- 8) All equipment listed is AV contractor installed, regardless of who provides unless otherwise noted

NOTE: REVISE VIDEO DISPLAY SPECIFICATION ABOVE TO 82" CONSUMER MODEL, SUCH AS SAMSUNG BE7 SERIES (EXAMPLE, BE82T) FOR THESE ROOMS WITH MATCHING WALL MOUNTS.

Type	Product	Manufacturer	Part number	Quantity
<b>Applies to room - 324 &amp; 119</b>				
<b>Audio</b>				
	Rally Plus (Contractor installed, owner furnished)	OFE	OFE	2
<b>Video</b>				
	86" Display	Samsung	QM85R	2
	Large wall mount for 86" display	Chief	LTM1U	2
	Mount adapter	Chief	FHB5147	2
	Mac Mini for conferencing (Contractor installed behind display, owner furnished)	OFE	OFE	2
	* Back Box for installation behind displays	*Chief	*PAC 526F	2
<b>Control</b>				
	IR Remote only	OFE	OFE	2
<b>Misc</b>				
	Misc. patch cords, inter-rack wiring, lacing bars, connectors, power supplies, etc. needed for a complete system.	TBD	Misc.	Batch

\* This item provided by and installed by electrical contractor

AV Contractor is responsible for a complete and operable system. Any discrepancies with equipment list or needed clarifications should be brought to attention of project manager/consultant prior to award of bid. Alternates to listed equipment will be considered as long as they are equivalent.

### Room Functional Summary - Room 324

- 1) One contractor furnished 86" wall mounted display
- 2) Owner furnished Mac Mini for conferencing, contractor installed behind display
- 3) Owner furnished Rally system, contractor installed
- 4) Wall mounts will be AV contractor furnished and installed
- 5) Audio through rally system
- 6) Control of display will be through IR remotes only
- 7) Unless otherwise noted as OFE, all equipment is AV contractor provided
- 8) All equipment listed is AV contractor installed, regardless of who provides unless noted

NOTE: FOR ROOM 324, REVISE VIDEO DISPLAY SPECIFICATION ABOVE TO 82" CONSUMER MODEL, SUCH AS SAMSUNG BE7 SERIES (EXAMPLE, BE82T) WITH MATCHING WALL MOUNTS. VIDEO DISPLAY SPECIFICATION FOR ROOM 119 TO REMAIN AS SCHEDULED ABOVE.

Type	Product	Manufacturer	Part number	Quantity
<b>Applies to rooms - 103, 104, 105, 202, 231, 340, 302 &amp; 333</b>				
<b>Audio</b>				
	Internal display speakers only	OFE	OFE	8
<b>Video</b>				
	55" Displays (Contractor installed, owner furnished) 2xLG 55LF6100-UA, 3xLG55LN5700-UH, 2xLGWebOS TV 55LB6300-UQ, 1xSamsung UN55MU8000	OFE	OFE	8
	Casting device, TBD, contractor installed behind display, owner furnished	OFE	OFE	8
	Medium/Small display wall mount for 55" displays	Chief	MTM1U	8
	Mount Adapter (For Samsung model)	Chief	FHB5147	1
<b>Control</b>				
	IR Remote only	OFE	OFE	8
<b>Misc</b>				
	Misc. patch cords, inter-rack wiring, lacing bars, connectors, power supplies, etc. needed for a complete system.	TBD	Misc.	Batch

AV Contractor is responsible for a complete and operable system. Any discrepancies with equipment list or needed clarifications should

be brought to attention of project manager/consultant prior to award of bid. Alternates to listed equipment will be considered as long as they are equivalent.

Room Functional Summary - Rooms 103, 104, 105, 202, 231, 302, 333, 340

- 1) Eight owner furnished 55" wall mounted displays
- 2) Owner furnished casting device to be installed behind each display by AV contractor
- 3) Casting device is the only input to display
- 4) Wall mounts will be AV contractor furnished and installed
- 5) Audio through internal display speakers only
- 6) Control of displays will be through OFE IR remotes only
- 7) Unless otherwise noted as OFE, all equipment is AV contractor provided
- 8) All equipment listed is AV contractor installed, regardless of who provides unless otherwise noted

Type	Product	Manufacturer	Part number	Quantity
<b>Applies to room - 301</b>				
<b>Audio</b>				
	Rally (Contractor installed, owner furnished)	OFE	OFE	1
<b>Video</b>				
	86" Display	Samsung	QM85R	1
	Large wall mount for 86" display	Chief	LTM1U	1
	Mount adapters	Chief	FHB5147	1
	65" Display (Contractor installed, owner furnished)			
	1xSamsung UN65TU	OFE	OFE	1
	Casting device, TBD, contractor installed behind display, owner furnished	OFE	OFE	1
	Mac Mini for conferencing (Contractor installed behind display, owner furnished)	OFE	OFE	1
	Medium/Small display wall mount for 65" display	Chief	MTM1U	1
<b>Control</b>				
	IR Remote only	OFE	OFE	1
<b>Misc</b>				
	Misc. patch cords, inter-rack wiring, lacing bars, connectors, power supplies, etc. needed for a complete system.	TBD	Misc.	Batch

AV Contractor is responsible for a complete and operable system. Any discrepancies with equipment list or needed clarifications should be brought to attention of project manager/consultant prior to award of bid. Alternates to listed equipment will be considered as long as they are equivalent.

### Room Functional Summary - Room 301

- 1) One contractor furnished 86" wall mounted display
- 2) One owner furnished, contractor installed 65" wall mounted display
- 3) Owner furnished Mac Mini for conferencing, contractor installed behind 98" display
- 4) Owner furnished Rally system, contractor installed on wall with 98" display
- 5) Casting device is the only input to 65" display, and is a stand alone system not connected to 98" display or Mac Mini
- 6) Wall mounts will be AV contractor furnished and installed
- 7) Audio through rally system
- 8) Control of displays will be through IR remotes only
- 9) Unless otherwise noted as OFE, all equipment is AV contractor provided
- 10) All equipment listed is AV contractor installed, regardless of who provides unless otherwise noted

NOTE: REVISE VIDEO DISPLAY SPECIFICATION ABOVE TO 82" CONSUMER MODEL, SUCH AS SAMSUNG BE8 SERIES (EXAMPLE, BE82T) FOR THESE ROOMS WITH MATCHING WALL MOUNTS.

Type	Product	Manufacturer	Part number	Quantity
<b>Applies to room - 101</b>				
<b>Audio</b>				
	Internal display speakers only	OFE	OFE	1
<b>Video</b>				
	65" Displays (Contractor installed, owner furnished) 1xSamsung UN65TU	OFE	OFE	1
	Casting device, TBD, contractor installed behind display, owner furnished	OFE	OFE	1
	Medium/Small display wall mount for 65" displays * Back Box for installation behind displays	Chief *Chief	MTM1U *PAC 526F	1
<b>Control</b>				
	IR Remote only	OFE	OFE	1
<b>Misc</b>				
	Misc. patch cords, inter-rack wiring, lacing bars, connectors, power supplies, etc. needed for a complete system.	TBD	Misc.	Batch

\* This item provided by and installed by electrical contractor

AV Contractor is responsible for a complete and operable system. Any discrepancies with equipment list or needed clarifications should be brought to attention of project manager/consultant prior to award of bid. Alternates to listed equipment will be considered as long as they are equivalent.

Room Functional Summary - Reception 101

- 1) One owner furnished 65" wall mounted displays
- 2) Owner furnished casting device to be installed behind each display by AV contractor
- 3) Casting device is the only input to display
- 4) Wall mounts will be AV contractor furnished and installed
- 5) Audio through internal display speakers only
- 6) Control of displays will be through OFE IR remotes only
- 7) Unless otherwise noted as OFE, all equipment is AV contractor provided
- 8) All equipment listed as AV contractor installed, regardless of who provides unless otherwise noted

Type	Product	Manufacturer	Part number	Quantity
Applies to Board Room 109 and AV Storage Room 110				
Audio				
	Audio DSP	QSC	Core 510i	1
	Input Cards	QSC	CIML4	2
	Output Cards	QSC	COL4	2
	Ceiling Speakers (White)	QSC	AD-C6T	21
	Amplifier, 4 Channel	QSC	SPA4-100	1
	IO Adapter box	QSC	IO-USB Bridge	1
	Dante License	QSC	SLDAN-32	1
	Table Mic Base - Microflex (Black)	Shure	MXW8	12
	Goosneck mic, Super Cardioid (Black)	Shure	MXA151LPF/S	12
	Wireless Transceivers	Shure	MXWAPT8	2
	Microflex SM58 HH	Shure	MXW2/SM58	2
	Ceiling Array Microphones	Shure	MXA 910W-USA	2
	Charging Station for Wireless Mics	Shure	MXWNCS8	4
	IR Assisted listening System - Dante	Listen Tech	LS90-D	1
	Emitter expansion unit	Listen Tech	LA141	1
	2.5mm DC power inline jack	VetCo	PH-48-1262B	1
	Solderless w/screw terminals - 2" pigtail	VetCo	PH-48-1268B	1
Video				
	86" Displays	Samsung	QM85R	4
	Mount adapters	Chief	FHB5147	5
	55" Displays for confidence monitor carts	Samsung	QM55R	2
	Large wall mount for 86" displays	Chief	LTM1U	3
	Medium/Small display wall mount for 55" displays	Chief	MTM1U	2
	Mobile Cart for (1) 86" display	Chief	LPAU	1
	Low Carts for confidence monitors	Chief	MFQ-US	2
	*Back Box for installation behind displays	*Chief	*PAC 526F	3
	Encoder - 4 HDMI inputs	Wirecast	Wirecast Gear 310	1
	PTZ Camera, 20x zoom	PTZ Pro	PT20X-SDI	1
	PTZ Camera, 12x zoom	PTZ Pro	PT12X-SDI	2
	Flush Camera Mount	PTZ Pro	PT-CM-1-BK	3
	SDI to HDMI Converter	Decimator	MD-LX	3
	OFE Mac Mini (install only)	OFE	OFE	1
	HDMI to USB C converter (for input to Mac Mini)	Aten	CAMLIVE UC3020 (or equivalent)	1
	OFE Apple TV boxes (install only on back of all displays, including carts)	OFE	OFE	6
	16x16 Card Chasis (MASTER QUOTE 1108442)	Crestron	DM-MK 16x16-CPU-3	1
	HDMI Input Card	Crestron	DMC-4KZ-HD	5
	DM Input Card	Crestron	DMC-4KZ-C	2
	HDMI Output Card	Crestron	DMC-4KZ-CO-HD	3
	DM Output Card	Crestron	DMC-4KZ-HDO	3
	HDMI RX Unit	Crestron	DM-RMC-4KZ-100-C	6
	Single Gang wall plate for DM connection	Crestron	MP-WP181-C-W	3
	Single Gang HDMI DM input (wall and floor box)	Crestron	DM-TX-4KZ-100-C-1G-W-T	2
	Custom plate with one RJ45 barrel for control panel extension	vendor choice	vendor choice	1
Control				
	Master Controller	Crestron	CP4N	1
	10" Wall Control Panel	Crestron	TSW-10/W	1
	10" Portable Table Control Panel	Crestron	TS-10/W	1
	4U Rack shelf for portable touch panel	MAP	U4V	1
	Dante & Control Switch (26 port)	QSC/Netgear	US26-1440++	1
	USB extension for RF keyboard/mouse (Local)	Crestron	USB-EXT-DM-LOCAL	1
	USB extension for RF keyboard/mouse (Remote)	Crestron	USB-EXT-DM-REMOTE	1
	Wireless keybrd/mouse for rack mounted Mac mini	Logitech	MK710	1
Misc				
	AV Cabinet, 44 RU, with rear door	MAP	WRK-44-27	1
	220 CFM fantop with controller	MAP	MW-4QFT-FC	1
	Power strip, 20 Amp, Vertical	MAP	PDT-2020C-NS	2
	Side Panels	MAP	SPN-44-267	1
	Rack shelves as needed	MAP	TBD	Batch
	Blank and vented panels (plan for all RU's to be covered by either equipment or blanks and vents)	MAP	TBD	Batch
	Misc. patch cords, inter-rack wiring, lacing bars, connectors, power supplies, etc. needed for a complete system	TBD	Misc.	Batch

\* This item provided by and installed by electrical contractor

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### Room Functional Summary - Room 301

General: This room will function as a board room, EOC space, and general conference room. All the furniture is flex, and can be expected to be removed and reinstalled to accommodate room setup. All displays, including carts, will have an Apple TV unit installed behind display and connected to HDMI input #2 for EOC events. All AV connections in this room will be from terminations in the walls. All AV equipment will be located in the AV storage room adjacent to board room. Ceiling speakers will be laid out in three zones to mix music and announcements. The room will have a large screen mounted on the wall. The room will have a wall mounted installed panel, one wall plate connection and one room connection for a shared mobile table top panel.

- 1) Unless otherwise noted as OFE, all equipment is AV contractor provided
- 2) All equipment listed is AV contractor installed, regardless of who provides unless otherwise noted
- 3) Coordinate all network addressing with client IT department.
- 4) Dante/control switch and cabling are AV equipment and all required components & patch cables shall be provided and installed by AV contractor