

December 9, 2022

SOLICITATION ADDENDUM NO. 1
ITB 22-0018
Classroom Walls- Phase 3

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 **Remains:**
December 15, 2022 at 2:00 PM Pacific Time

CLARIFICATIONS

*Conference Call – Public Opening Information: Dial-in info: +1(503)356-4400
Participant Code: 306-333-57

*Please use the **REVISED BID SCHEDULE** Attached

QUESTIONS

Question: Please specify new exit sign and bug eye exit sign types?

Answer: See E301 Keynotes - keynote 5 for requirement - Barron Equity Line Combo or approved equal are required.

Question: Are there any electrical specifications for the analog clock?

Answer: See E301 - Keynote 11 for specifications and requirements. A new 12" GPS satellite battery operated clock compatible with the existing primex clock system is required.

Question: Please specify lighting control standards for device manufacturer/model.

Answer: See E301 Keynotes 6 - 8 for requirements. Wattstopper Dual Tech Occupancy sensor switches with zero-crossing circuitry are the basis of design.

Question: Sections 064200 is missing

Answer: This section is not applicable to the project and reference has been removed from the table of contents. See 00 11 00 – Table of Contents - Revision 1 for modifications. This section was originally for a plastic laminate panel within the Nancy Ryles hollow metal door frame, but has moved to architectural casework.

Question: Sections 072700 is missing

Answer: This section is not applicable to the project and reference has been removed from the table of contents. See 00 11 00 – Table of Contents - Revision 1 for modifications

Question: Sections 083200 is missing

Answer: This section is not applicable to the project and reference has been removed from the table of contents. See 00 11 00 – Table of Contents - Revision 1 for modifications.

Question: Sections 089100 is missing

Answer: This section is not applicable to the project and reference has been removed from the table of contents. See 00 11 00 – Table of Contents - Revision 1 for modifications.

Question: Sections 096813 is missing

Answer: This section is not applicable to the project and reference has been removed from the table of contents. See 09 68 16 – Sheet Carpeting.

Question: Please confirm that all project signage is OFCI, the plans say conflicting information.

Answer: OFCI. Contactor to remove existing signage and return to owner for reuse. Patch/repair wall as required. Owner provided new signage to be installed by the contractor.

Question: Page G151 – New fire Hydrant and new FDC is shown on plans, please confirm this is not in scope

Answer: This note is not applicable (Kinnaman) and any new FDC or Hydrant scope should be omitted by bidders.

Question: There is a note about fire extinguishers needing to be recharged, but the plans have no details or counts for these items- please provide a count at each school how many fire extinguishers are to be included in this scope of recharging as well as new fire extinguisher cabinets- where/ how many

Answer: Recharging or modifications of existing fire extinguishers should be excluded by bidders. Existing FEC's are proposed for all schools to cover fire extinguisher requirements for the areas of work

Question: Page A162- #3 carpet scope – is it acceptable to score the strip of carpet for future removal under the new framing? This has been acceptable by BSD in the past.

Answer: Yes. It is acceptable to score the carpet at the new framing - see note on 4/A800 directing scoring of existing floor finish along the bottom runner, indicating similar conditions

Question: What are the deferred submittals at each school? Plans have conflicting information.

Answer: Deferred submittals are listed on the cover page (i.e. G011) for each school project. No deferred submittals to the AHJ are anticipated as fire alarm/fire protection are separate permits. A separate low voltage permit should be anticipated for scope as well.

Question: What are the delegated design items at each school? The plans have conflicting information

Answer: Fire alarm and fire suppression are delegated design items for all schools including the submission and securing of a trade permit for these scopes of work. Plumbing is a delegated design item for the replacement of the drinking fountain at Nancy Ryles ES. Note that a trade permit has been submitted for this item to the AHJ already. Low voltage design for Kinnaman elementary are also delegated design items, including installation of a new card reader at the exterior storefront door, installation and routing of a new security motion and contact sensor.

Question: What is the security system used at each school in scope?

Answer: The security system is Bosch.

Question: Is Johnson Control the FA alarm vendor for all the schools in scope?

Answer: Yes, Johnson Controls is the FA alarm vendor.

Question: Detail 4/A800 shows new wood blocking below floor. Where does this condition exist?

- Does the ceiling need to be demoed to access areas for new blocking?
- Are special inspections required for any wood blocking at the base of the track wall framing?

Answer: Provide blockings 12" o.c. when the wall runs parallel to the flood joists. For perpendicular walls, double up the screws into each joist where existing joists exceed 12" o.c.. Access is required to be provided from the floor below. Special

inspections are not needed for this item.

Question: Detail 3/A121 shows typical restroom plans and detail show 2/A900 shows removal of existing doors. The overall floor plan at Nancy Ryles shows doors only in one restroom core. Do all restroom cores have 2 doors of this condition?

Answer: **Bidders should assume that plan 3/A121 apply to restroom cores 1 and 3. A total of (4) doors are to be removed and patched within project base scope. To further clarify, garb bar scope applies to all restroom cores, a total of (8) instances at this project location.**

Question: What are the structure heights at each school?

Answer: **Most structures are 14' floor to floor, to the best of the architect's knowledge. General contractors to verify following the demolitions.**

Question: Provide paint colors and specifications at each site.

Answer: **Please see enlarged floor plans sheets for all paint specifications. Please note that the contractor is to color match existing wall colors and provide paint drawdowns for architect's review.**

Question: Provide door wood type/grain specification for new classroom doors.

Answer: **Please see door schedules in A900 sheets. BOD is provided to the best of Architect's knowledge. Contractor to provide samples for review.**

Question: Please provide rubber base selections.

Answer: **Please see enlarged floor plans sheets for all rubber base specifications of each school location. See enlarged floor plans for extent of rubber base replacement.
See plan notes for add alternates for full replacement of rubber base within the common areas rather than patching to match existing - provide add alternate per school and not as a lump sum. In this alternate, salvaged rubber base can be installed on the classroom side.**

Question: Please provide updated electrical drawings

Answer: **Drawings have been provided.**

Question: Coordinate programming of new and relocated intrusion sensors with district approved controls contractor.

Answer: **See E301 Keynotes for specification.**

REVISED BID SCHEDULE

TOTAL BASE BID: including the Work as defined in the Project Manual, Drawings and Addenda (if any), the TOTAL SUM OF:

_____ DOLLARS (\$_____)

Add Alt #1 - Full replacement of rubber base within the common areas rather than patching to match existing - provide add alternate per school and not as a lump sum. In this alternate, salvaged rubber base can be installed on the classroom side.

Findley ES

_____ DOLLARS (\$_____)

Jacob Wismer ES

_____ DOLLARS (\$_____)

Nancy Ryles ES

_____ DOLLARS (\$_____)

Scholls Heights ES

_____ DOLLARS (\$_____)

Please review plans and specifications for more information.

NOTE: Contractor will be required to develop a schedule of values for payment and accounting purposes prior to the initial request for payment in a form acceptable to the District.

DEC
8TH
2022

PROJECT | BEAVERTON SCHOOL DISTRICT - CLASSROOM WALLS PHASE 3
SUMMIT BUILDING
1260 NW WATERHOUSE AVE., BEAVERTON, OR 97006

BIDDING ADDENDUM 1

REVISION 1 - DATED 12/06/22

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.

DRAWING REVISIONS

All changes are clouded and labeled as Revision 1 - Adden #1 - 12/06/22

ELECTRICAL DRAWING SET:

Replace all of the electrical sheets in their entirety with a new drawing sheet included within this addendum. These drawings are provided with the electrical engineer's stamp to match the permit submission. No scope changes are contained within these drawings that differ from the bid set with the exception of the below items, which are clouded separately.

JACOB WISMER ELEMENTARY

1. E111 & E112 - FLOOR PLAN - MAIN LEVEL ELECTRICAL / LOWER LEVEL ELECTRICAL
 - a. See keyed note 2 and clouded areas within the plans on these pages to show new exit signs and installation locations. Product specification included within the keynote.

KINNAMAN ELEMENTARY

2. E301 - ENLARGED PLANS - READING ROOM ELECTRICAL
 - a. Additional keynotes and information are included to capture emergency lighting

and low voltage scope.

- b. See General Note V for testing requirements of testing of low voltage cable to meet ANSI/TIA-568-C Series requirements.
- c. See keyed note 1 for additional information on intrusion sensor and connectivity to existing alarm panel. Relabeled or re-diagraming the main alarm panel to match new configuration should be contained within project base scope. This new motion detector is shown on the south wall of 2/E301.
- d. See keynote 5 for emergency lighting requirements, including new bug eyed lighting specifications.
- e. See note 6 - 8 for keynotes to identify Wallstopper dual tech occupancy requirements to meet Owner's lighting controller specifications.
- f. See Keynote 9-12 for low voltage scope for speakers, WAPs and clocks within the new reading room. Locations of these items are clouded on 2/E301.

ARCHITECTURAL DRAWING SET:

Replace the below sheets in their entirety with a new drawing sheet included within this addendum. All changes are clouded and labeled as Revision 1 - Bid Addendum 12/06/22

JACOB WISMER ELEMENTARY

- 1. A113 - ENLARGED FLOOR PLAN:
 - a. **Enlarged Plan** - Standard Scope of Work note is added following clarification from bidding questions.
 - b. **Updated Room Numbers** - Room numbers are updated to match the existing numbering system. This item is for coordination and information only, no scope revisions are anticipated from this change.
 - c. **Finish Schedule** - Paint color and rubber base specifications have been updated to the best of the architect's knowledge. Contractor to color match and provide paint drawdowns. An add alternate is called for the rubber base replacement scope.
 - d. **Updated Keynotes** - New room signages are OFCI.
 - e. **Updated Keynotes** - Clarification that relocated casework shall be installed over new rubber base.
- 2. A900 - DOORS, FRAMES, HARDWARE SCHEDULE AND OPENING DETAILS: Basis of design door products are provided for closest appearance to the best of the architect's

knowledge. General Notes - Project Signage is updated for all new signage to be OFCI.

FINDLEY ELEMENTARY

3. A123 - ENLARGED FLOOR PLAN:
 - a. **Enlarged Plan** - Standard Scope of Work note is added following clarification from bidding questions.
 - b. **Updated Room Numbers** - Room numbers are updated to match the existing numbering system to the best of the architect's knowledge. This item is for coordination and information only, no scope revisions are anticipated from this change.
 - c. **Finish Schedule** - Paint color and rubber base specifications have been updated to the best of the architect's knowledge. Contractor to color match and provide paint drawdowns. Add alternate is called for the rubber base replacement scope.
 - d. **Updated Keynotes** - New room signages are OFCI.
4. A221- REFLECTED CEILING PLAN: Room numbers are updated to match the existing numbering system to the best of the architect's knowledge. This item is for coordination and information only, no scope revisions are anticipated from this change.
5. A900 - DOORS, FRAMES, HARDWARE SCHEDULE AND OPENING DETAILS: Basis of design door products are provided for closest appearance to the best of the architect's knowledge. General Notes - Project Signage is updated for all new signage to be OFCI.

NANCY RYLES ELEMENTARY

6. G132, G133 - FIRE & LIFE SAFETY PLAN: Room numbers are updated to match the existing numbering system to the best of the architect's knowledge. This item is for coordination and information only, no scope revisions are anticipated from this change.
7. A132, A133 - FLOOR PLAN: Room numbers are updated to match the existing numbering system to the best of the architect's knowledge.
8. A133 - ENLARGED FLOOR PLAN:
 - a. **Enlarged Plan** - Standard Scope of Work note is added following clarification from bidding questions.

- b. **Updated Room Numbers** - Room numbers are updated to match the existing numbering system to the best of the architect's knowledge. This item is for coordination and information only, no scope revisions are anticipated from this change.
 - c. **Finish Schedule** - Paint color and rubber base specifications have been updated to the best of the architect's knowledge. Contractor to color match and provide paint drawdowns. Add alternate is called for the rubber base replacement scope. Carpet item is removed.
 - d. **Updated Keynotes** - New room signages are OFCI.
9. A231- REFLECTED CEILING PLAN: Room numbers are updated to match the existing numbering system to the best of the architect's knowledge. This item is for coordination and information only, no scope revisions are anticipated from this change.
10. A900 - DOORS, FRAMES, HARDWARE SCHEDULE AND OPENING DETAILS: Basis of design door products are provided for closest appearance to the best of the architect's knowledge. General Notes - Project Signage is updated for all new signage to be OFCI. Carpet removal scope is removed from the enlarged plan.

SCHOLLS HEIGHTS ELEMENTARY

11. G142, G143 - FIRE & LIFE SAFETY PLAN: Room numbers are updated to match the existing numbering system to the best of the architect's knowledge. This item is for coordination and information only, no scope revisions are anticipated from this change.
12. A143 - ENLARGED FLOOR PLAN:
- a. **Enlarged Plan** - Standard Scope of Work note is added following clarification from bidding questions.
 - b. **Updated Room Numbers** - Room numbers are updated to match the existing numbering system to the best of the architect's knowledge. This item is for coordination and information only, no scope revisions are anticipated from this change.
 - c. **Finish Schedule** - Paint color and rubber base specifications have been updated to the best of the architect's knowledge. Contractor to color match and provide paint drawdowns. Add alternate is called for the rubber base

replacement scope.

- d. **Updated Keynotes** - New room signages are OFCI.

13. A241- REFLECTED CEILING PLAN: Room numbers are updated to match the existing numbering system to the best of the architect's knowledge.

14. A900 - DOORS, FRAMES, HARDWARE SCHEDULE AND OPENING DETAILS: Basis of design door products are provided for closest appearance to the best of the architect's knowledge. General Notes - Project Signage is updated for all new signage to be OFCI.

KINNAMAN ELEMENTARY

15. A151 - ENLARGED FLOOR PLAN:

- a. **Enlarged Plan** - Standard Scope of Work note is added following clarification from bidding questions.
- b. **Finish Schedule** - Paint color and rubber base specifications have been updated to the best of the architect's knowledge. Contractor to color match and provide paint drawdowns. Add alternate is called for the rubber base replacement scope.
- c. **Updated Keynotes** - New room signages are OFCI.

16. A900 - DOORS, FRAMES, HARDWARE SCHEDULE AND OPENING DETAILS: Basis of design door products are provided for closest appearance to the best of the architect's knowledge. General Notes - Project Signage is updated for all new signage to be OFCI.

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

- 1. 00 01 10 - TABLE OF CONTENTS - Remove the below sections from the table of contents. They were included within the project table of contents and are not applicable to this project.
 - a. 06 42 00 - Wood Paneling
 - b. 07 27 00 - Air Barrier
 - c. 08 32 00 - Sliding Glass Doors
 - d. 08 91 00 - Louvers
 - e. 09 68 13 - Tile Carpeting

SECTION 00 01 10**TABLE OF CONTENTS****PROCUREMENT AND CONTRACTING REQUIREMENTS****1.01 DIVISION 00 -- PROCUREMENT AND CONTRACTING REQUIREMENTS**

- A 00 01 01 - Project Title Page
- B 00 01 10 - Table of Contents
- C 00 50 00 - Contracting Forms and Supplements

SPECIFICATIONS**2.01 DIVISION 01 -- GENERAL REQUIREMENTS**

- A 01 10 00 - Summary
- B 01 20 00 - Price and Payment Procedures
- C 01 25 00 - Substitution Procedures
- D 01 30 00 - Administrative Requirements
- E 01 35 53 - Security Procedures
- F 01 40 00 - Quality Requirements
- G 01 41 00 - Regulatory Requirements
- H 01 50 00 - Temporary Facilities and Controls
- I 01 60 00 - Product Requirements
- J 01 70 00 - Execution and Closeout Requirements
- K 01 74 19 - Construction Waste Management and Disposal
- L 01 78 00 - Closeout Submittals
- M 01 91 13 - General Commissioning Requirements

2.02 DIVISION 02 -- EXISTING CONDITIONS

- A 02 41 00 - Demolition

2.03 DIVISION 03 -- CONCRETE**2.04 DIVISION 04 -- MASONRY****2.05 DIVISION 05 -- METALS****2.06 DIVISION 06 -- WOOD, PLASTICS, AND COMPOSITES**

- A 06 10 00 - Rough Carpentry
- B 06 20 00 - Finish Carpentry
- C 06 41 00 - Architectural Wood Casework
- D ~~06 42 00 - Wood Paneling~~ REV 1

2.07 DIVISION 07 -- THERMAL AND MOISTURE PROTECTION

- A ~~07 27 00 - Air Barriers~~ REV 1
- B 07 92 00 - Joint Sealants

2.08 DIVISION 08 -- OPENINGS

- A 08 12 13 - Hollow Metal Frames
- B 08 14 16 - Flush Wood Doors
- C ~~08 32 00 - Sliding Glass Doors~~ REV 1
- D 08 43 13 - Aluminum-Framed Storefronts
- E 08 71 00 - Door Hardware
- F 08 80 00 - Glazing
- G ~~08 91 00 - Louvers~~ REV 1

2.09 DIVISION 09 -- FINISHES

- A 09 21 16 - Gypsum Board Assemblies
- B 09 22 16 - Non-Structural Metal Framing
- C 09 65 00 - Resilient Flooring
- D ~~09 68 13 - Tile Carpeting~~ REV1
- E 09 68 16 - Sheet Carpeting
- F 09 91 23 - Interior Painting

- G 09 93 00 - Staining and Transparent Finishing
- H 09 97 23 - Concrete and Masonry Coatings
- 2.10 DIVISION 10 -- SPECIALTIES**
 - A 10 26 00 - Wall and Door Protection
- 2.11 DIVISION 11 -- EQUIPMENT**
- 2.12 DIVISION 12 -- FURNISHINGS**
 - A 12 21 13 - Horizontal Louver Blinds
- 2.13 DIVISION 13 -- SPECIAL CONSTRUCTION**
- 2.14 DIVISION 14 -- CONVEYING EQUIPMENT**
- 2.15 DIVISION 21 -- FIRE SUPPRESSION**
- 2.16 DIVISION 22 -- PLUMBING**
- 2.17 DIVISION 23 -- HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)**
 - A 23 00 00 - Mechanical and Plumbing Basic Requirements
 - B 23 05 16 - Expansion Fittings and Loops for HVAC Piping
 - C 23 05 19 - Meters and gauges for HVAC Piping
 - D 23 05 23 - General-Duty Valves for HVAC Piping
 - E 23 05 29 - Hangers and Supports for HVAC Piping and Equipment
 - F 23 05 48 - Vibration and Seismic Controls for HVAC
 - G 23 05 53 - Identification for HVAC Piping and Equipment
 - H 23 05 93 - Testing, Adjusting, and Balancing for HVAC
 - I 23 07 13 - Duct Insulation
 - J 23 07 19 - HVAC Piping Insulation
 - K 23 08 00 - Commissioning of HVAC
 - L 23 09 23 - Direct-Digital Control Systems for HVAC
 - M 23 21 13 - Hydronic Piping
 - N 23 21 14 - Hydronic Specialties
 - O 23 25 00 - HVAC Water Treatment
 - P 23 31 00 - HVAC Ducts and Casings
 - Q 23 33 00 - Air Duct Accessories
 - R 23 36 00 - Air Terminal Units
 - S 23 37 00 - Air Outlets and Inlets
- 2.18 DIVISION 25 -- INTEGRATED AUTOMATION**
- 2.19 DIVISION 26 -- ELECTRICAL**
 - A 26 05 00 - Common Work Results for Electrical
 - B 26 05 01 - Minor Electrical Demolition
 - C 26 05 19 - Low-Voltage Electrical Power Conductors and Cables
 - D 26 05 26 - Grounding and Bonding for Electrical Systems
 - E 26 05 29 - Hangers and Supports for Electrical Systems
 - F 26 05 33 - Raceway, Boxes, and Conduits for Electrical Systems
 - G 26 05 75 - Electrical Testing
- 2.20 DIVISION 27 -- COMMUNICATIONS**
 - A 27 05 00 - Common Work Results for Communications
 - B 27 05 26 - Grounding and Bonding for Communications Systems
 - C 27 05 53 - Identification for Communications Systems
- 2.21 DIVISION 28 -- ELECTRONIC SAFETY AND SECURITY**
 - A 28 05 00 - Common Work Results for Electronic Safety
- 2.22 DIVISION 31 -- EARTHWORK**
- 2.23 DIVISION 32 -- EXTERIOR IMPROVEMENTS**
 - A 32 17 23 - Pavement Markings

2.24 DIVISION 33 -- UTILITIES

2.25 DIVISION 34 -- TRANSPORTATION

2.26 DIVISION 40 -- PROCESS INTEGRATION

2.27 DIVISION 46 -- WATER AND WASTEWATER EQUIPMENT

**2.28 ATTACHMENT A - ASBESTOS ABATEMENT CONTRACTOR BID DOCUMENT AND
SPECIFICATIONS (KIMMAMAN ELEMENTARY SCHOOL - DATED 10/13/22)**

END OF SECTION 00 01 10

KEYED NOTES - PROJECT SCOPE

- 1 ALIGN F.O. FINISHES, TYP.
- 2 SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WITHIN THIS AREA.
- 3 PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL.
- 5 PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD ALONG ENTIRE LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL.
- 6 RELOCATE (E) LIGHT SWITCH FROM THIS LOCATION; SEE ELECTRICAL DRAWINGS.
- 7 INSTALL (N) 18" VERTICAL GRAB BAR AT EXISTING ACCESSIBLE RESTROOM OR TOILET COMPARTMENT. REMOUNT EXISTING TOILET ACCESSORIES WITHIN THIS AREA TO MEET ADA COMPLIANCE; SEE G001 FOR MOUNTING HEIGHTS AND CLEARANCES.
- 9 ALIGN F.O. FINISHES TO EXISTING HEADERS IF PRESENT. ALIGN F.O. FINISHES TO THE COMMONS SIDE IF THERE IS NO EXISTING HEADERS.
- 13 PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE.
- 14 PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL. SEE SITE PLAN FOR TYPICAL SCOPE.
- 17 INSTALL OWNER PROVIDED ROOM SIGNAGE - TYP.
- 18 INSTALL NEW 3"x48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED.
- 19 REMOVE AND PROTECT EXISTING CASEWORK/SECURED FURNITURE. REINSTALL REMOVED ITEMS FOLLOWING THE WALL PAINT AND WALL BASE SCOPE AT ORIGINAL LOCATION UNO IN CASEWORK RELOCATION DIAGRAM. GC TO VERIFY ALL DIMENSION ON SITE AND NOTIFY ARCHITECT OF ANY CONFLICT.
- 20 RELOCATE SECURED FURNITURE TO LOCATION SHOWN - SEE KEYNOTE 19 FOR INSTALLATION DETAILS. GC TO CONFIRM FINAL LOCATION WITH THE DISTRICT.
- 21 NEW SUPPLY AIR DIFFUSER / RETURN AIR REGISTER. GC TO REPLACE ALL CEILING TILE AND GRID AND REPAIR AS NECESSARY TO THE EXTENT REQUIRED TO ACCOMMODATE NEW MECHANICAL WORK SCOPE. GC TO PATCH BACK ALL WALL PENETRATION AROUND NEW OPENING FOLLOWING HVAC DEMOLITION AND/OR CONSTRUCTION. SEE MECHANICAL FOR REVISIONS.

FINISH SCHEDULE

NOTE - INSTALL ALL FINISHES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

09 91 00 - PAINTS AND COATINGS

PT-1: MANUFACTURER: RODDA PAINT
PRODUCT: UNIQUE II LOW-GLOSS (532001)
COLOR: BONE (CA103)
FINISH: LOW-GLOSS, EGGSHELL
LOCATIONS: CLASSROOM AND HALLWAY WALLS

PT-2: MANUFACTURER: RODDA PAINT
PRODUCT: MULTI MASTER DTM OR EQUAL
COLOR: JAPONICA (0983)
LOCATIONS: DOOR FRAME

PAINT AND RUBBER BASE NOTE:

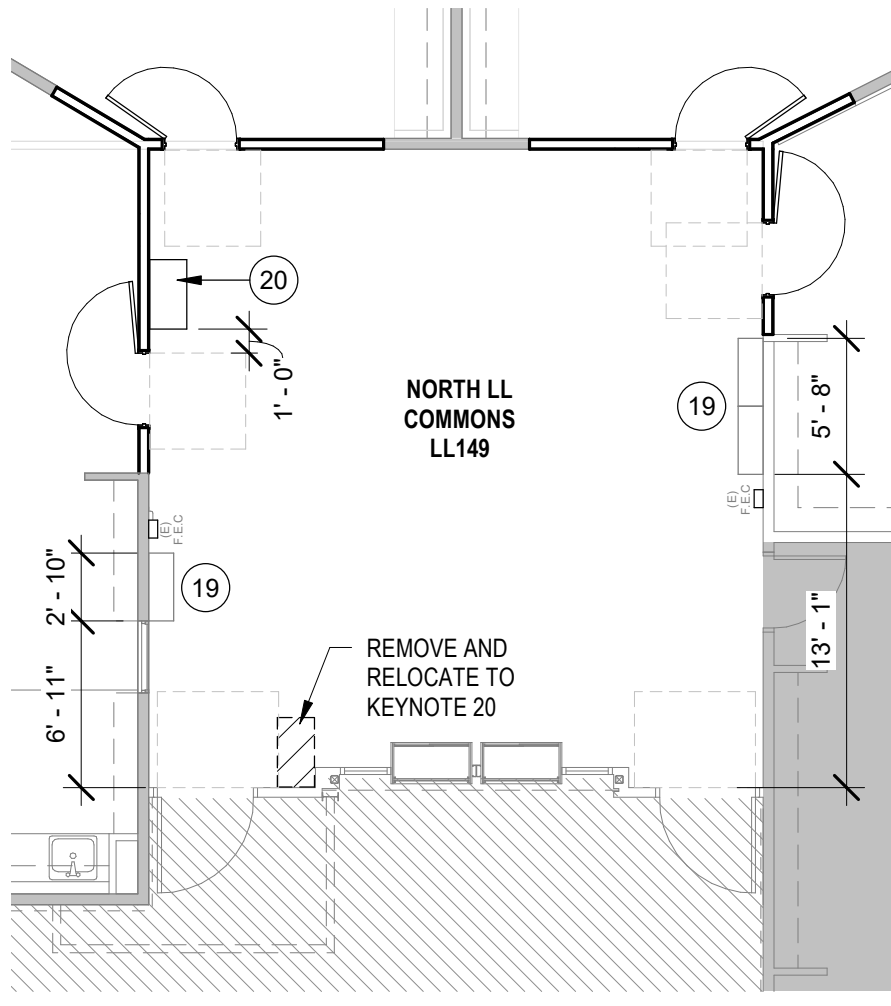
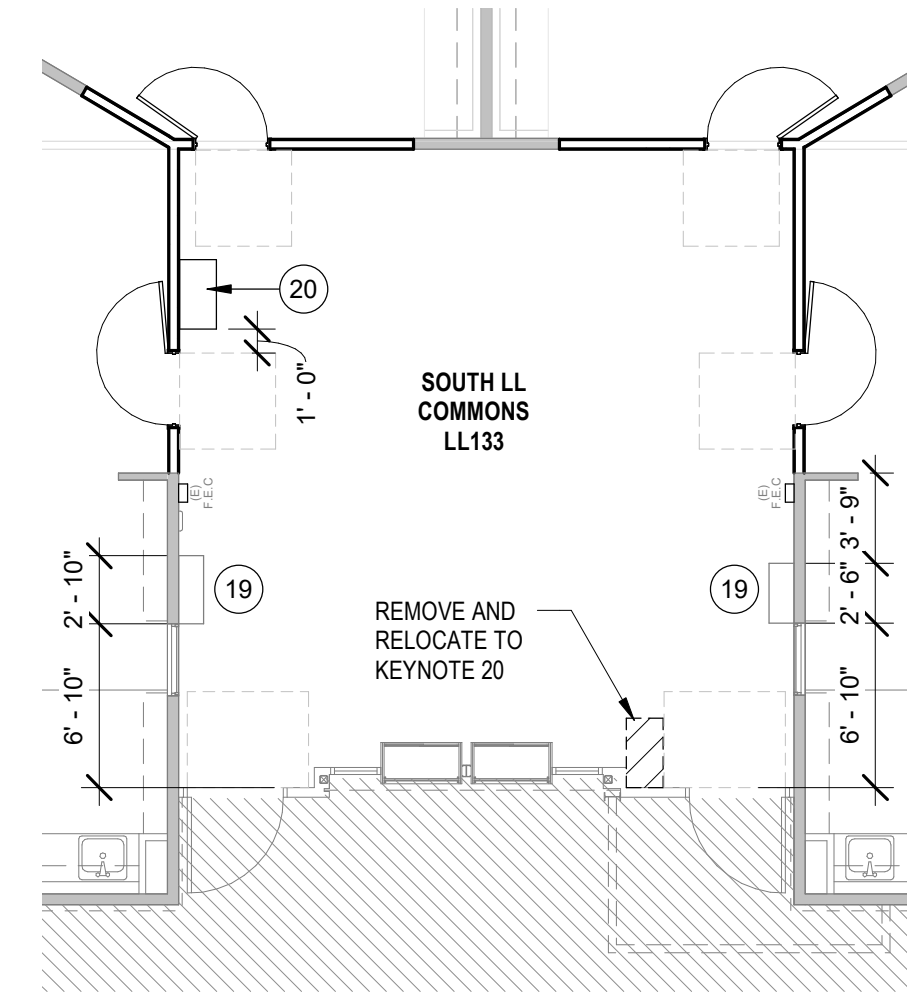
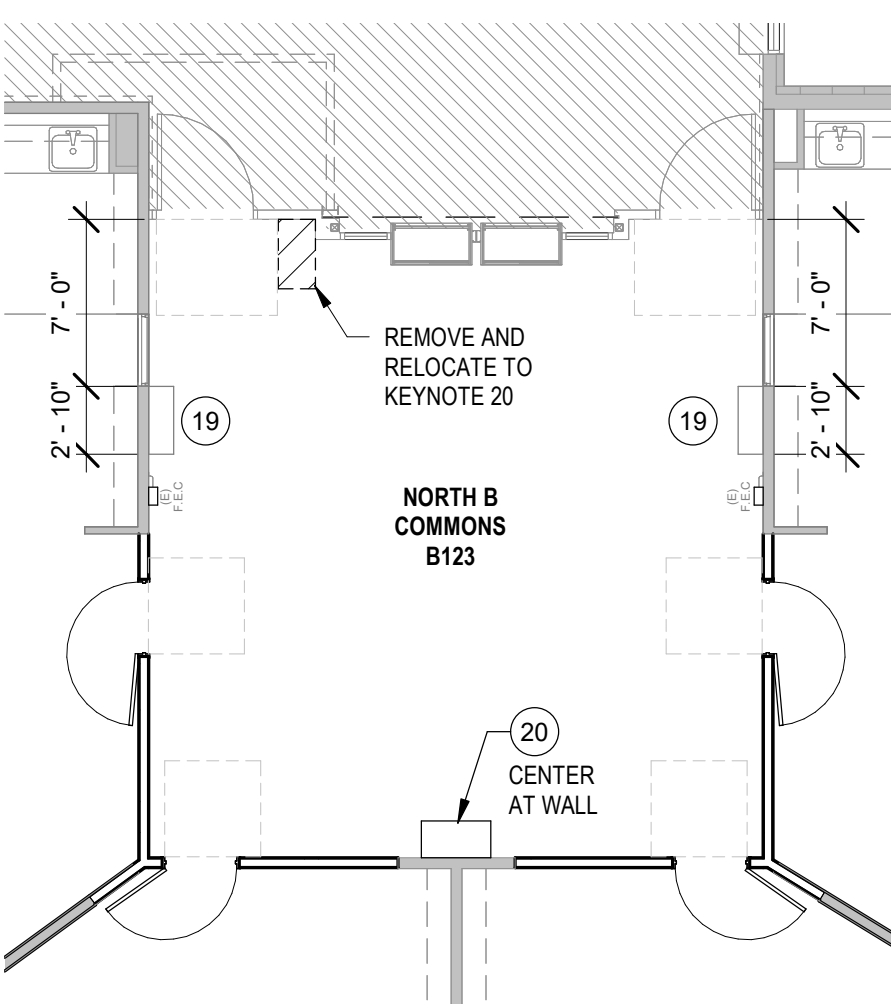
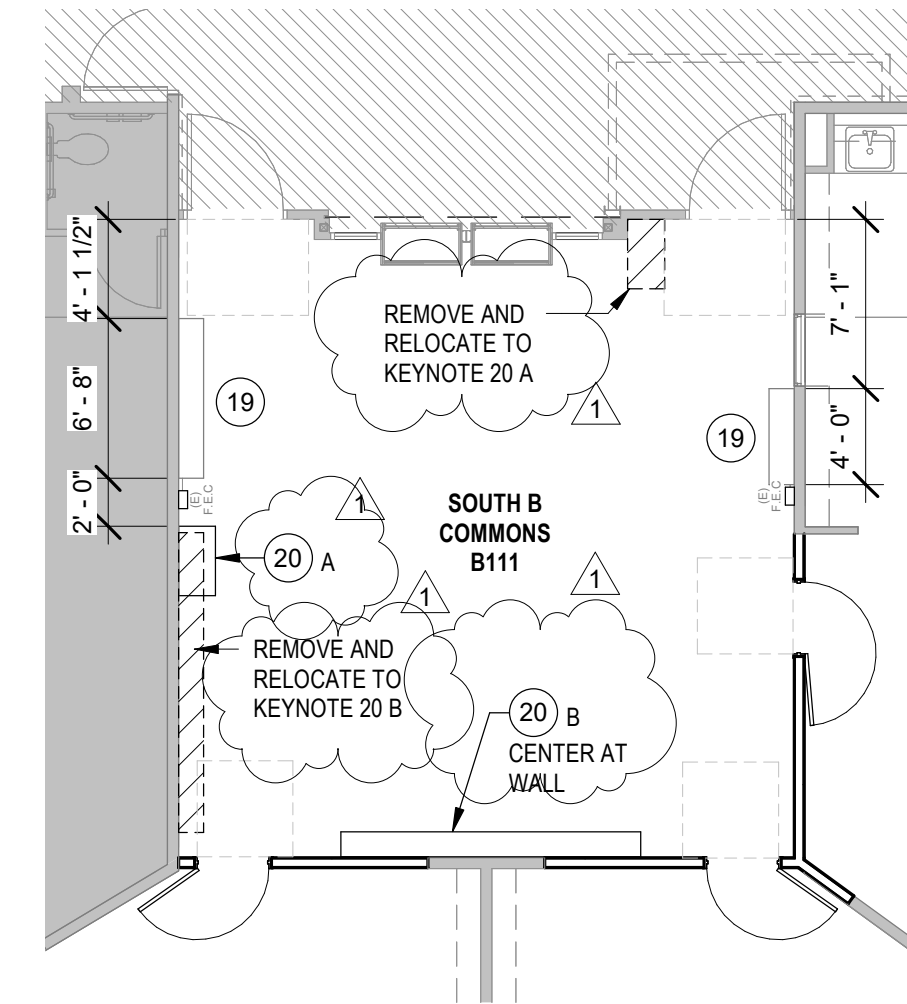
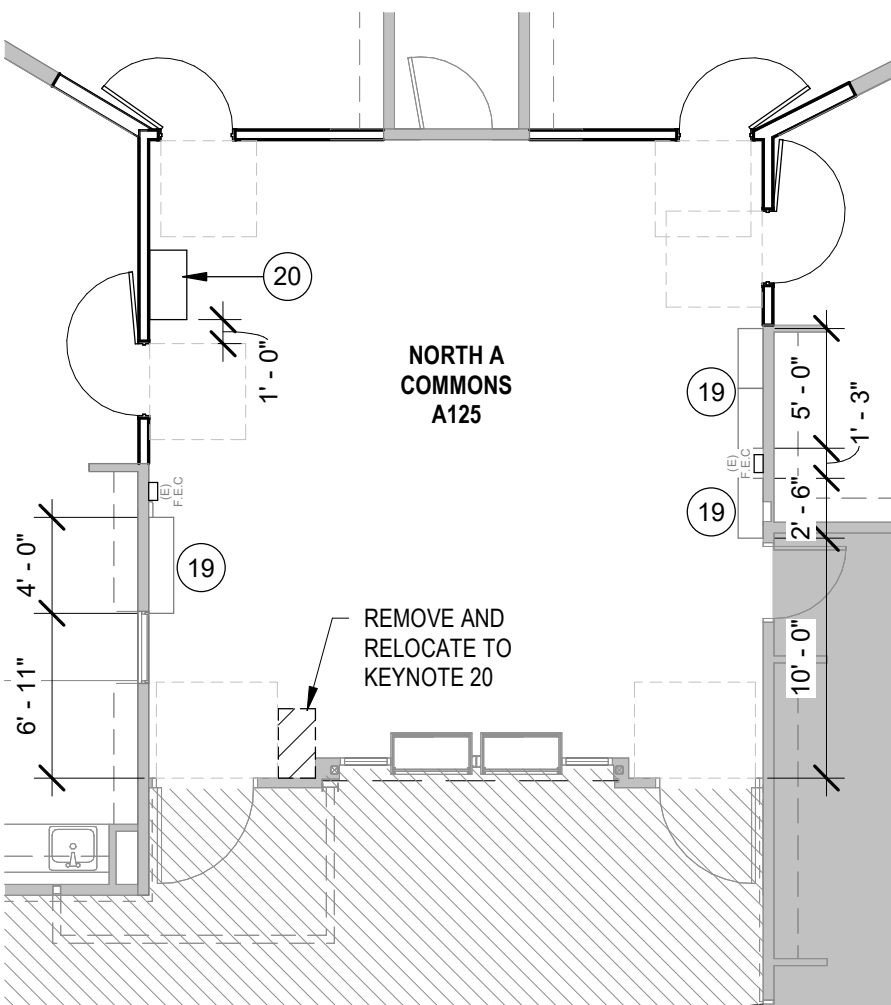
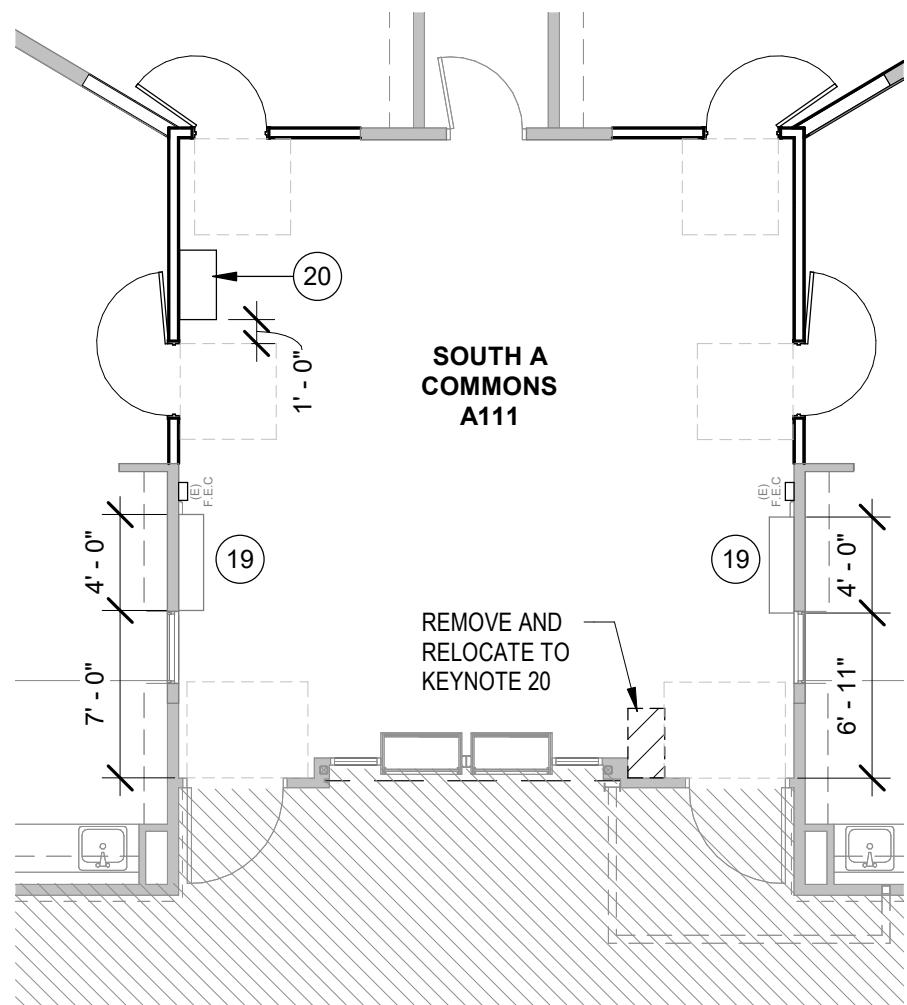
- PATIN COLOR NOTE
GC TO COLOR MATCH EXISTING WALL COLORS AND PROVIDE PAINT DRAWDOWNS FOR ARCHITECT'S REVIEW.

- RUBBER BASE COLOR
GC TO COORDINATE FINAL COLOR SELECTION WITH ARCHITECT AND EXTENT OF REPAIR/REPLACEMENT. SEE SCOPE OF WORK FOR ADD ALTERNATE.

09 65 00 - RESILIENT FLOORING & BASE

RB-1: MANUFACTURER: FLEXCO
PRODUCT: WALL FLOWER RUBBER COVE BASE
SIZE: 4"
COLOR: PLUM PUDDING
LOCATIONS: CLASSROOM WALLS WHERE NEW PAINT IS APPLIED, TYPICAL

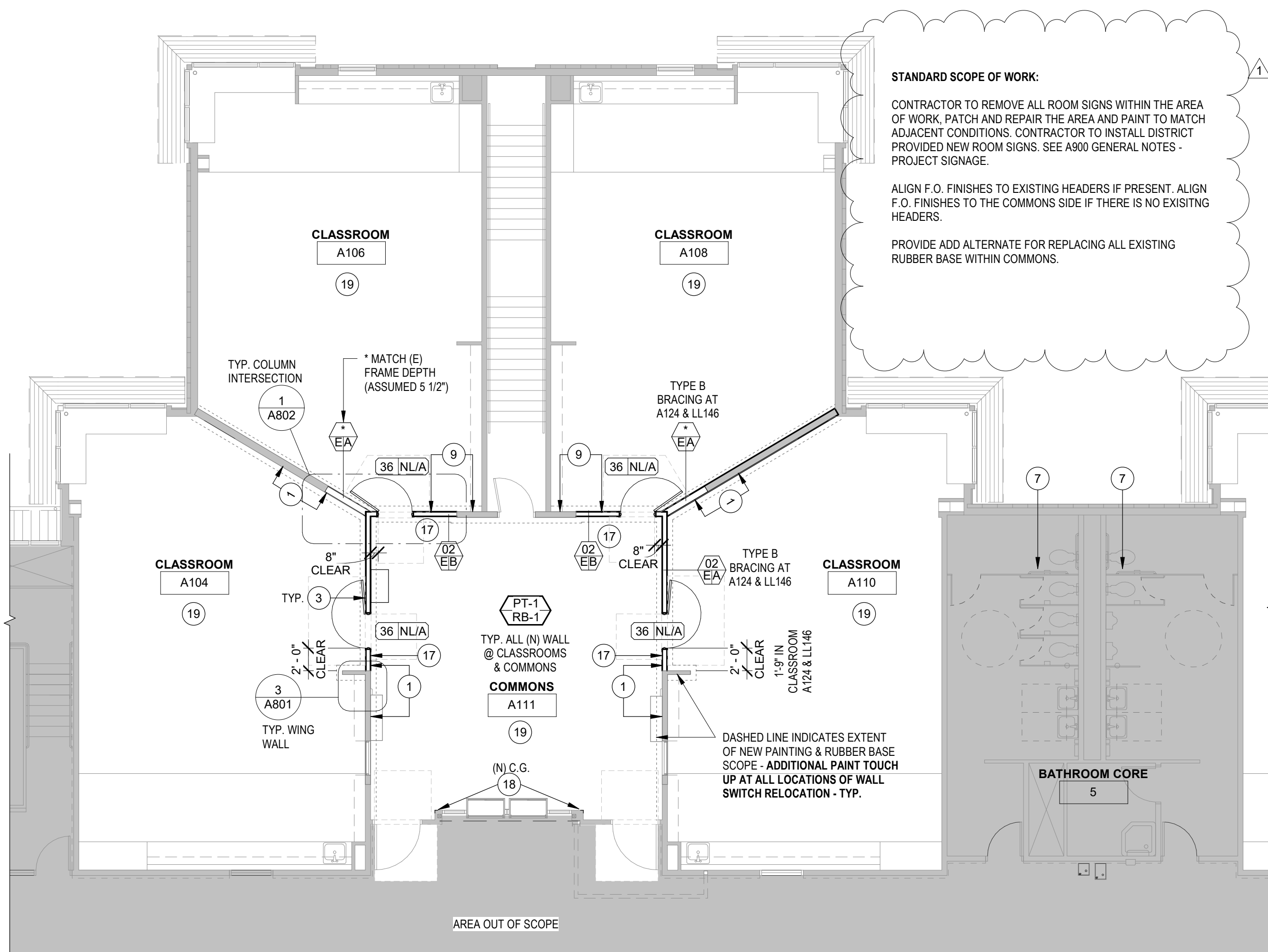
RB-2: MANUFACTURER: FLEXCO
PRODUCT: WALL FLOWER RUBBER COVE BASE
SIZE: 4"
COLOR: CHARCOAL
LOCATIONS: HALLWAY WALLS WHERE NEW PAINT IS APPLIED, TYPICAL



SECURED FURNITURE RELOCATION DIAGRAMS

1/8" = 1'-0"

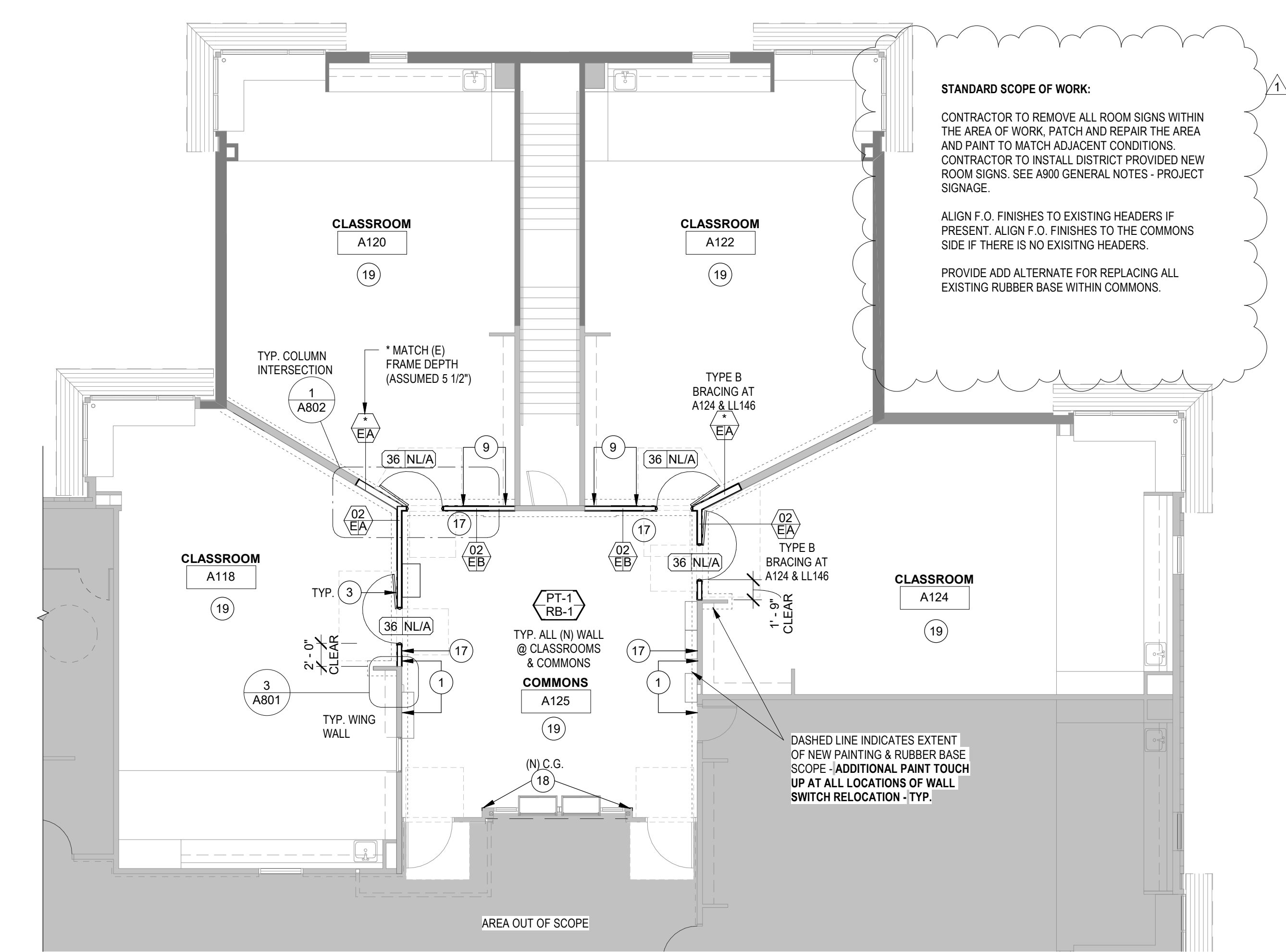
3



ENLARGED FLOOR PLAN #1

1/8" = 1'-0"

1



ENLARGED FLOOR PLAN #2

1/8" = 1'-0"

2

GENERAL NOTES - FLOOR PLAN

- REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
- REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.
- DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES PARTICULARLY OF STATED INTERIOR CLEAR DIMENSIONS.
- WHERE DIMENSIONS ARE LISTED AS "CRITICAL CLEAR" THESE DIMENSIONS MUST ABSOLUTELY BE HELD FOR ADA OR EGRESS COMPLIANCE. DIMENSIONS LISTED WITH "1/2" TYPICALLY HAVE SOME CONSTRUCTION TOLERANCE.
- PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
- ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWC1 STANDARDS.
- PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

LEGEND - FLOOR PLANS

| | | | | |
|--------------------------|-----------------------------------|--------------------------------|----------------------------|-------------------------|
| WALL TAG | DOOR TAG - UNIQUE | DOOR TAG - REPEATABLE | WINDOW TAG | KEY NOTE |
| 101 | 102 | 34 | A | 1 |
| WALL TYPE PER ASSEMBLY | DOOR TAG - REFER TO DOOR SCHEDULE | DOOR & FRAME TYPE SEE SCHEDULE | WINDOW TYPE - SEE SCHEDULE | KEY NOTE - SEE SCHEDULE |
| BRACING CONDITION | | | | |
| HEAD @ (E) ACT | | | | |
| HEAD @ (E) SOFFIT/HEADER | | | | |
| HEAD @ PARTITION TRACK | | | | |

LIGHTING AND CEILING MATERIALS - LEGEND

| | | |
|--|-------------------------|------------------------|
| FINISHES KEY. SEE FINISH SCHEDULE FOR TYPES | ACT-1: (24 x 48) | GWB: (SEE TYPE) |
| | | |
| WALL BRACING KEY - REFER TO PARTITION DETAILS | | |
| COMPOSITE WALL TO PARTITION TRACK - SEE WALL DETAIL C/A800. | | |
| BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800. | | |
| BRACED WALL, BELOW TILE CEILING - SEE WALL DETAIL A/A800. | | |
| EXISTING WALLS | | |
| 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 | | |
| EXISTING TROFFER FIXTURE - 2 x 4 | | |
| SWITCH LOCATION | | |
| D = DIMABLE | | |
| OS = OCCUPANCY SENSOR | | |
| 3 = 3-WAY SWITCH | | |
| EXIT LIGHT (BATTERY BACKUP) - ARROW DESIGNATES DIRECTION | | |
| OUTLET LOCATION - ABOVE 96" CEILING | | |
| HVAC SYMBOLS. SEE MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILS | | |
| NOTE: CONTRACTOR TO REPLACE CEILING TILE AND GRID TO THE EXTENT REQUIRED TO ACCOMMODATE NEW DUCT WORK. | | |
| NEW RETURN GRILL | | |
| EXISTING RETURN GRILL | | |
| EXISTING SUPPLY DIFFUSER | | |
| HVAC ELEMENT TO BE DEMOLISHED | | |

REVISIONS:

1 BID ADDENDUM 12/06/22

PROJECT: 21005.01
DATE: 11/10/2022

GENERAL NOTES - PROJECT SIGNAGE

- A. COORDINATE ALL SIGNAGE WITHIN THE PROJECT, INCLUDING CODE REQUIRED SIGNAGE, WITH EXISTING BUILDING SIGNAGE
- B. CODE REQUIRED SIGNAGE, SUCH AS STAIRWAY SIGNAGE AND ACCESSIBLE PARKING SIGNAGE, TO BE PROCURED AND INSTALLED BY THE GENERAL CONTRACTOR. PROVIDE DETAILED INFORMATION ON SIZE, FONT AND COLOR WITHIN A SUBMITTAL FOR ARCHITECT AND OWNER REVIEW.
- C. ROOM SIGNAGE IS OWNER FURNISHED AND CONTRACTOR INSTALLED. COORDINATE EXTENTS AND LOCATION WITH OTHER WALL MOUNTED ITEMS. PROVIDE AN ALLOWANCE FOR THE PATCH AND REPAIR OF EXISTING WALLS WHERE EXISTING SIGNAGE IS RELOCATED OR REPLACED.

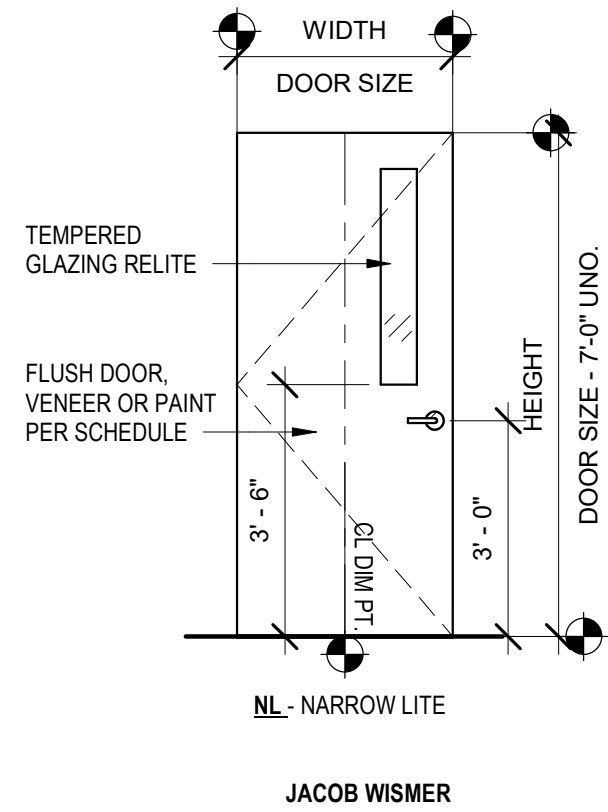
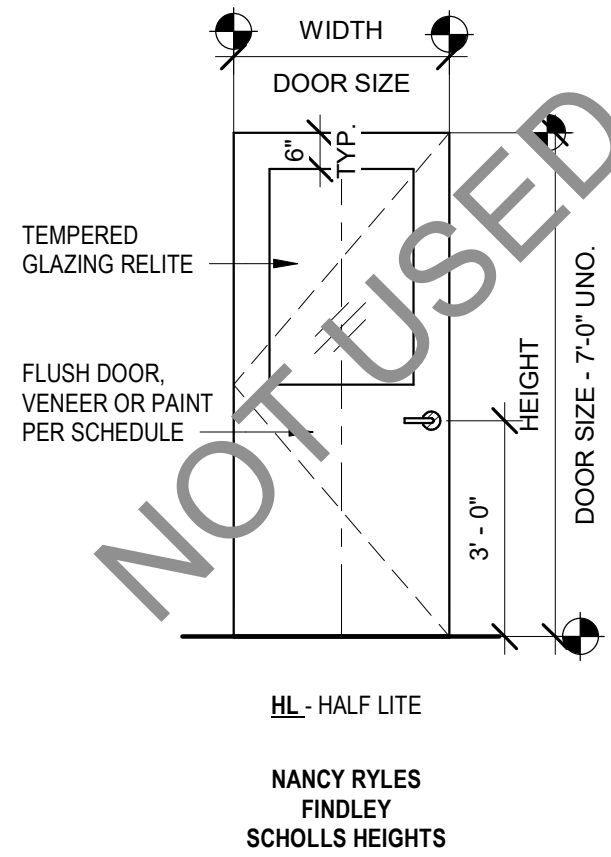


(E) SIGNAGE - JACOB WISMER ELEMENTARY - FOR REFERENCE ONLY



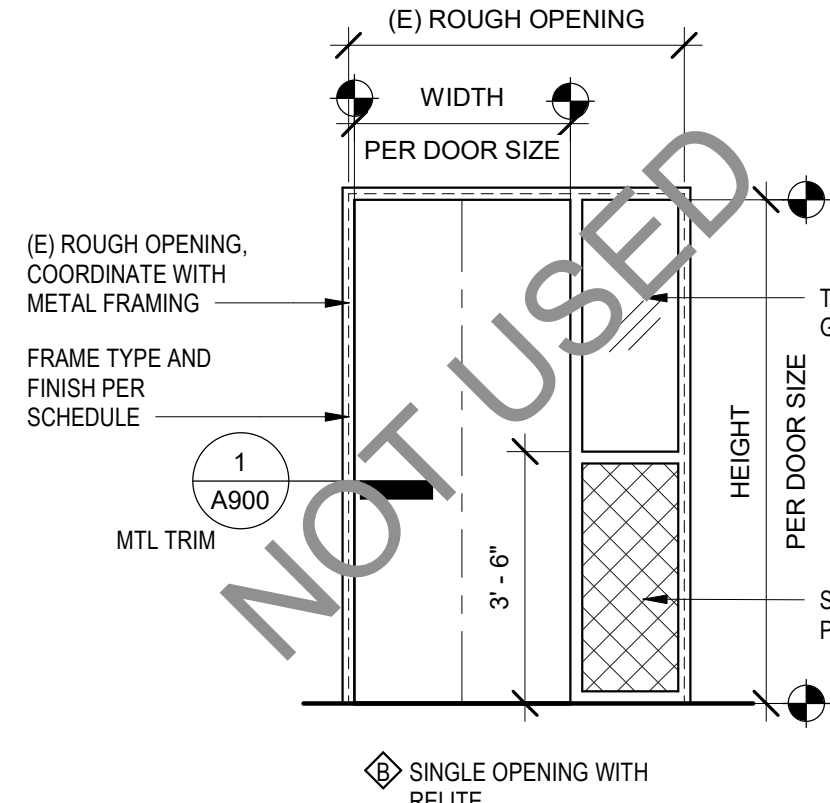
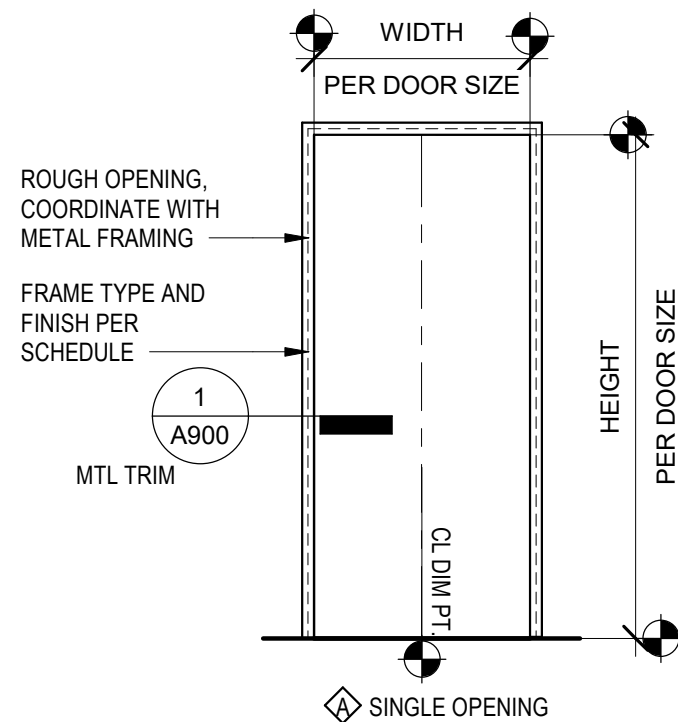
EXISTING DOOR AT COMMONS. GENERAL CONTRACTOR TO MATCH RELITE AND WOOD GRAINING.

NOTE: MATCH EXISTING DOOR RELITE SIZES, WOOD GRAIN, STAIN AND GENERAL LOOK OF DOORS WITHIN EXISTING LOCATIONS. PROVIDE PHOTOGRAPH OF EXISTING DOOR WITHIN DOOR SUBMITTAL.



DOOR TYPES

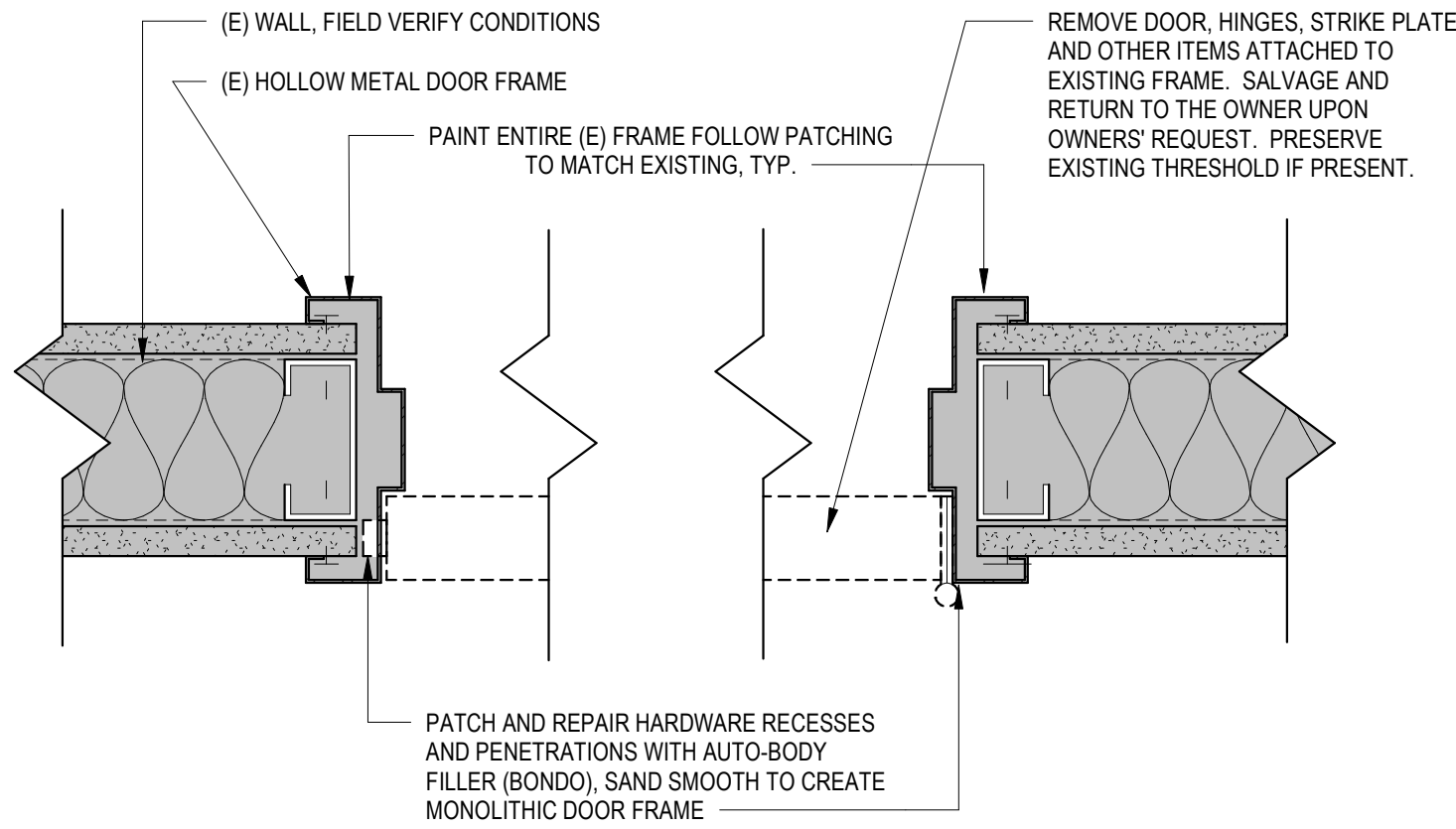
3/8" = 1'-0"



DOOR FRAME TYPES

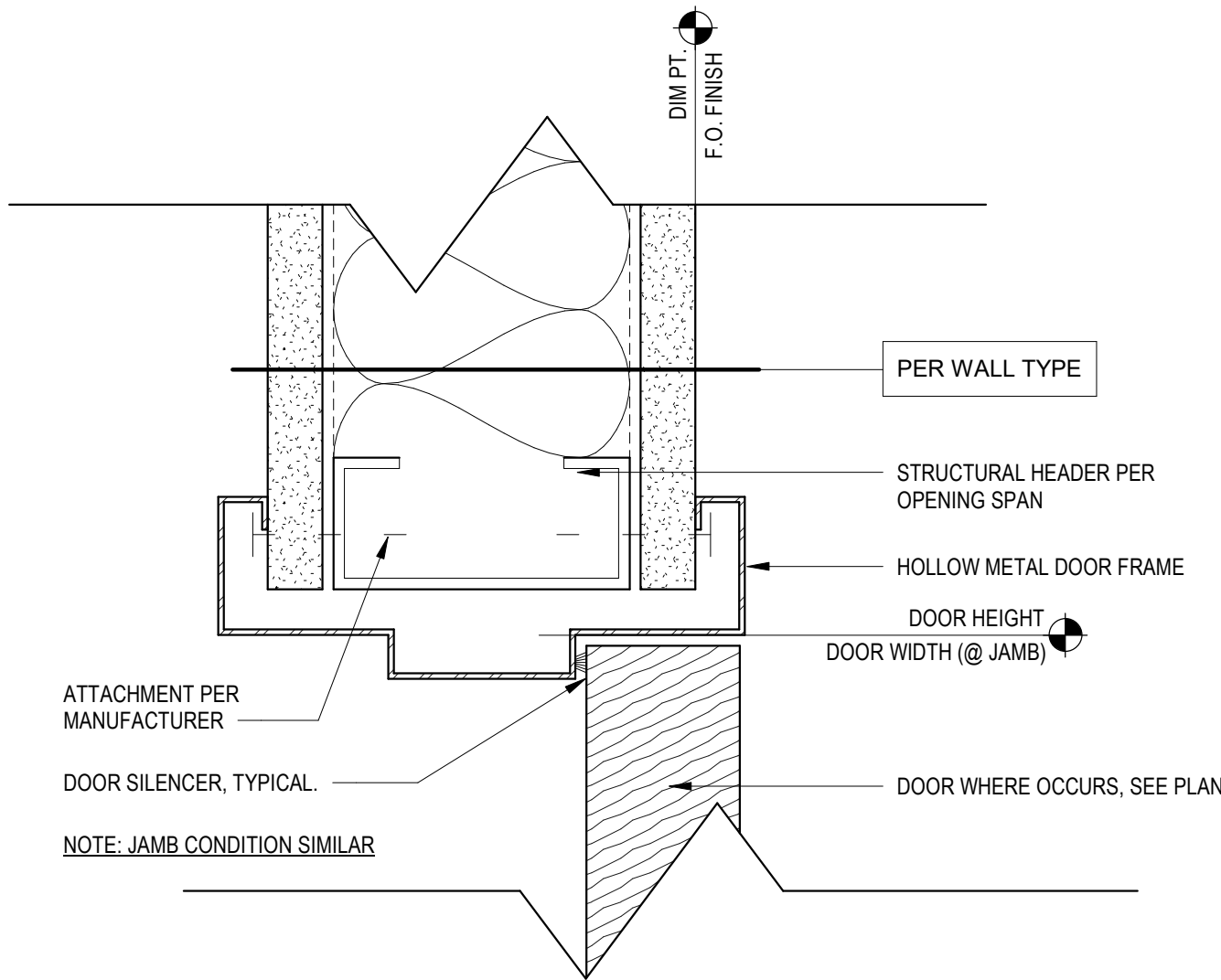
3/8" = 1'-0"

| DOOR SCHEDULE | | | | | | | | | | | | | | | |
|---------------|-------|---------------|--------|-------|-------------|----------|--------|---------------|-------------|------|-----------|----------|-----------|----------------|--|
| DOOR TYPE | Count | FINISHED SIZE | | FRAME | | | | | | DOOR | | | | HARDWARE GROUP | NOTES |
| | | WIDTH | HEIGHT | TYPE | FIRE RATING | MATERIAL | FINISH | TRIM MATERIAL | TRIM FINISH | TYPE | THICKNESS | MATERIAL | FINISH | | |
| N/A | 23 | 3'-0" | 7'-0" | A | N/A | HM | PT | STL | PT | NL | 1 3/4" | WD | SEE NOTES | 2 | MATCH EXISTING CLASSROOM DOOR RELITE, GRAINING AND FINISH. PROVIDE NEW BLIND AT RELITE TO MATCH (E) BUILDING STANDARD. CONTRACTOR TO VERIFY THE FINAL DOOR COUNT. DOOR PANEL BOD. TRUDDOR NATURAL BIRCH - HONEY |



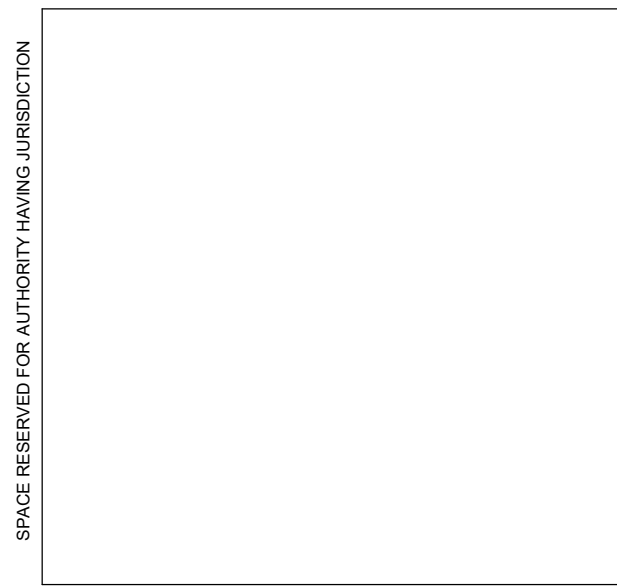
OPENING - (E) FRAME REPAIR

3" = 1'-0"



OPENING - HEAD/JAMB - HOLLOW METAL

6" = 1'-0"



GENERAL NOTES - DOORS

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. DIMENSIONS SHOWN FOR DOORS AND WINDOWS ARE TYPICALLY FINISHED OPENING DIMENSIONS. COORDINATE ROUGH OPENING DIMENSIONS PER MANUFACTURER RECOMMENDATIONS WITH SELECTED OPENING.
- C. EXIT DOORS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR FORCE.
- D. THE MAIN EXIT TO DOOR TO HAVE SIGNAGE ABOVE THE DOOR READING "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."
- E. ALL NEW DOORS TO BE SOLID WOOD, PAINT GRADE UNLESS NOTED OTHERWISE.
- F. PROVIDE NEW ADA LEVER STYLE DOOR HARDWARE TO MATCH BUILDING STANDARD. (SCHLAGE 'ND' SERIES, RHODES STYLE)
- G. ALL NEW FRAMES TO BE FULLY WELDED UNLESS NOTED OTHERWISE. (CURRIES 16 GA.)
- H. PROVIDE TEMPERED GLAZING IN ALL DOORS AND RELITES UNLESS NOTED OTHERWISE.
- I. REFER TO ELEVATIONS FOR DOOR AND FRAME PAINT FINISH WHERE PAINT IS USED.

MATERIAL LEGEND

| | |
|---------------------------|----------------------------------|
| (E) EXISTING | WD WOOD - SOLID CORE |
| GL GLASS - TEMPERED | HC WOOD - HOLLOW CORE |
| MDF MDF - TRIM | MTL METAL - SOLID CORE |
| MFR MANUFACTURER'S FINISH | STL - KD STEEL FRAME - KNOCKDOWN |
| PT PAINT | HM HOLLOW METAL FRAME |
| TS TRANSPARENT STAIN | ALUM ALUMINUM STOREFONT |

HARDWARE GROUPS

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

ALL NEW HARDWARE TO BE SATIN CHROME (US26D), UNO.

DOOR FRAMES: CURRIES 16 GA FULLY WELDED - EQUAL RABBIT
LEVER HARDWARE SETS: SCHLAGE ND SERIES VANDLARD, "RHODES"
CORES: SCHLAGE FULL SIZE INTERCHANGEABLE (FSC) CYLINDERS
HINGES: IES HW 4.5" X 4.5" NRP
PANIC BARS: VON DUPRIN EL 99 OR XP99
CLOSERS: LCN 4010 (INWARD SWING), LCN 4111 (OUTWARD SWING)
STOPS: BHMA 626, IVES OR EQUAL
KICK PLATE: STAINLESS STEEL, FULL WIDTH

GROUP 1: COMMONS (PANIC HARDWARE)

(3) PAIR BUTTS - 4 1/2"
PANIC HARDWARE
CLOSER
WALL STOP TYPICAL UNO.
SILENCER
KICK PLATE

GROUP 2: CLASSROOM

(3) PAIR BUTTS - 4 1/2"
LEVER SET - "CLASSROOM" TYPE
WALL STOP TYPICAL UNO.
SILENCER
KICK PLATE

REVISIONS:

1 BID ADDENDUM 12/06/22

| ABBREVIATIONS | | |
|--|---|------|
| A | AMPERE (AMP) | KVAR |
| AAF | ABOVE ACCESS FLOOR | KW |
| ABF | AIRBLOWN FIBER | KWH |
| AC | ABOVE COUNTER | LEC |
| AFF | ABOVE FINISHED FLOOR | LED |
| AHJ | AUTHORITY HAVING JURISDICTION | LV |
| AIC | AMPS INTERRUPTING CURRENT | MATV |
| ALT | ALTERNATE | MCA |
| AN | ANALOG | MCB |
| ARCH | ARCHITECT / ARCHITECTURAL | MCC |
| ARM | ARMORED | MDF |
| ATS | AUTOMATIC TRANSFER SWITCH | MDP |
| AV | AUDIO VISUAL | MECH |
| AVC | AUDIO VISUAL CONTRACTOR | MH |
| BC | BONDING CONDUCTOR | MHz |
| BDF | BUILDING DISTRIBUTION FACILITY | MLO |
| BMS | BUILDING MANAGEMENT SYSTEM | MTS |
| BCC | BOTTOM OF CONDUIT | N |
| BOCT | BOTTOM OF CABLE TRAY | NAC |
| C | CONDUIT | NIC |
| CATV | (CABLE TV) COMMUNITY ACCESS TELEVISION | OFCI |
| CB | CIRCUIT BREAKER | OFE |
| CCTV | CLOSED CIRCUIT TELEVISION | OFOI |
| CF | CELLULAR FLOOR | OSP |
| CKT | CIRCUIT | PA |
| CLG | CEILING | PB |
| CO | CENTRAL OFFICE | PE |
| CPE | CUSTOMER UNIVERSAL ENCLOSURE | PF |
| CT | CURRENT TRANSFORMER | PMV |
| CU | COPPER | PML |
| CUE | CONCRETE UNIVERSAL ENCLOSURE | PON |
| DAS | DISTRIBUTED ANTENNA SYSTEM | PPL |
| dB | DECIBEL | PVC |
| DB | DUCT BANK | PWR |
| DML | DOUBLE MAIN LUGS | R/W |
| DN | DOWN | RAD |
| E | EAST | RG |
| EQ | EQUAL DISTANT | S |
| EC | ELECTRICAL CONTRACTOR | SAA |
| EF | ENTRANCE FACILITY | SACP |
| EM | EMERGENCY | SDP |
| EMC | ELECTROMAGNETIC COMPATIBILITY | SMB |
| EMI | ELECTROMAGNETIC INTERFERER | SPD |
| EMT | ELECTRIC METALLIC TUBING | ST |
| EPO | EMERGENCY POWER OFF | STS |
| EP | ENTRANCE POINT | SW |
| EP | EXPLOSION PROOF | TBB |
| ER | EQUIPMENT ROOM | TBC |
| FA | FIRE ALARM | TBD |
| FAA | FIRE ALARM ANNUNCIATOR | TE |
| FACP | FIRE ALARM CONTROL PANEL | TGB |
| FLA | FULL LOAD AMPS | TL |
| FO | FIBER OPTIC | TMGB |
| FSD | FIRE SMOKE DAMPER | TO |
| GC | GENERAL CONTRACTOR | TP |
| GFI | GROUND FAULT INTERRUPTER | TR |
| GFCI | GROUND FAULT CIRCUIT INTERRUPTER | TTB |
| GHz | GIGAHERTZ | TTC |
| GND | GROUND | TV |
| GRC | GALVANIZED RIGID CONDUIT | TVSS |
| GRD | GROUND | TYP |
| GRS | GALVANIZED RIGID STEEL CONDUIT | U |
| HH | HANDHOLE | UC |
| HP | HORSEPOWER | UG |
| HPS | HIGH PRESSURE SODIUM | UON |
| HV | HIGH VOLTAGE | UPS |
| HZ | HERTZ | V |
| IBC | INTERNATIONAL BUILDING CODE | VA |
| IDF | INTERMEDIATE BUILDING DISTRIBUTION FACILITY | VP |
| IG | ISOLATE GROUND | W |
| IR | INTERRUPTING RATING | WAO |
| JB | JUNCTION BOX | WAP |
| KV | KILOVOLT | WP |
| KVA | KILOVOLT AMP | XFMR |
| | | XFSW |
| *REFER TO DISCIPLINE SYMBOL LISTS FOR MORE ABBREVIATIONS | | |

| GENERAL SYMBOLS | | |
|-----------------|--|--------------------------------------|
| | | EQUIPMENT DESIGNATOR - SEE SCHEDULE. |
| | | EXISTING TO REMAIN |
| | | EXISTING TO BE REMOVED |
| | | EXISTING TO BE RELOCATED |
| | | NEW |
| | | KEYED NOTE |

| NOTE | |
|---|--|
| THIS IS A STANDARD LEGEND SHEET, THEREFORE, SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS. | |

| WORK RESPONSIBILITY | |
|--|--|
| ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN CONDUIT, DEVICES, BOXES, CONDUCTORS, AND TRANSITIONS AROUND OBSTRUCTIONS WHETHER SHOWN ON DRAWINGS OR NOT SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER. | |

| GENERAL NOTES (APPLIES TO ALL DRAWINGS) | |
|--|---|
| A. | WHERE EXACT DIMENSIONS ARE NOT CALLED FOR, DO NOT SCALE DRAWINGS TO DETERMINE LOCATION OF EQUIPMENT, JUNCTION BOXES, OUTLET BOXES, WIRE WAYS, PANELS, ETC. SEE ARCH FOR EXACT DIMENSIONS. |
| B. | CONDUIT RUNS SHOW ONLY INTERCONNECTION BETWEEN THE TERMINATION POINTS. THE EXACT PATH OF THE CONDUIT IS TO BE DETERMINED BY THE CONTRACTOR. THERE SHALL BE A MINIMUM OF ONE PULL BOX FOR EVERY 100 FEET OF STRAIGHT EMPTY CONDUIT AND A PULL BOX FOR MORE THAN TWO 90 DEGREE BENDS IN A CONDUIT RUN. ALL CONDUIT SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED, AND FURNISHED WITH PULL WIRES. |
| C. | POWER CIRCUITS FOR THE AUDIOVISUAL SYSTEMS MUST BE ON THE SAME TRANSFORMER PHASE, BUT NOT ON THE SAME PHASE AS ANY COMPRESSORS, MOTORS, OR LIGHTING DIMMING SYSTEMS. |
| D. | ALL EQUIPMENT MUST BE COMPLETELY BONDED TO A TRUE EARTH COMMON GROUND OR VERIFY GROUNDING REQUIREMENTS WITH ELECTRICAL EQUIVALENT FOR PROPER OPERATION. |
| E. | FOR TELECOM OUTLETS WITH 1-6 CABLES, PROVIDE 1" C. TO DOUBLE-GANG DEEP BOX WITH SINGLE-GANG MUD RING AND 2, 4 OR 6 PORT FACEPLATE AS REQUIRED. |
| F. | FOR TELECOM OUTLETS WITH 7-12 CABLES, PROVIDE TWO (2) 1" C. TO DOUBLE-GANG DEEP BOX WITH DOUBLE-GANG MUD RING AND TWO (2) 2, 4 OR 6 PORT FACEPLATES AS REQUIRED. |
| G. | FOR ALL DATA OUTLETS AND CAMERAS, PROVIDE CATEGORY 6 CABLE AND JACKS. FOR ALL WIRELESS ACCESS POINTS (WAPs), PROVIDE (2) CATEGORY 6A CABLES AND JACKS. |

| POWER SYMBOLS | |
|---------------|---|
| | WALL RECEPTACLE: DUPLEX, 4-PLEX |
| | FLOOR RECEPTACLE: DUPLEX, 4-PLEX |
| | CEILING RECEPTACLE: DUPLEX, 4-PLEX |
| | WALL RECEPTACLE: MOUNTING HEIGHT |
| | SPECIAL RECEPTACLE: WALL |
| | JUNCTION BOX: WALL, FLOOR, CEILING |
| | DISCONNECT SWITCH: FUSED, CIRCUIT BREAKER |
| | MOTOR CONNECTION |
| | PANEL & CIRCUIT NUMBER |
| | DENOTES DUPLEX RECEPTACLE ON DROP CORD |
| | PUSHBUTTON: WALL |
| | ADA DOOR ASSIST BUTTON: WALL |
| | WIRE CONCEALED IN FLOOR OR UNDERGROUND |
| | RACEWAY AND CONDUCTORS REMOVED AS PART OF DEMOLITION |
| | CONDUIT ELL: UP, DN |
| | ELECTRICAL DUCT BANK |
| | GROUND ROD, 10' LONG, 5/8" DIAMETER, COPPER. BOND TO LOCAL CIRCUIT GROUND CONDUCTOR |
| | ELECTRICAL DISTRIBUTION CABINET |
| | ELECTRICAL DISTRIBUTION PANEL: SURFACE, RECESSED |
| | ELECTRICAL TRANSFORMER |

| ONE-LINE SYMBOLS | |
|------------------|-------------------------------------|
| | CONDUCTORS & CONDUIT |
| | CONDUCTORS & CONDUIT TO BE REMOVED |
| | CIRCUIT BREAKER, MOLDED CASE SWITCH |
| | BUS |
| | ATS |
| | METER |
| | PANEL |
| | MAIN GROUNDING BAR |
| | CONNECTION TO GROUND |
| | TRANSFORMER |

| LIGHTING SYMBOLS | |
|------------------|---|
| | PHOTOCELL: CEILING, WALL MOUNTED |
| | DUAL TECHNOLOGY, OCCUPANCY SENSOR: CEILING MOUNTED, WALL MOUNTED |
| | DUAL TECHNOLOGY, VACANCY SENSOR: CEILING MOUNTED, WALL MOUNTED |
| | HA = LUMINAIRE TYPE DESIGNATION 1. = CIRCUIT NUMBER a = SWITCH DESIGNATION |
| | SINGLE GANG, STRAP MOUNTED CONTROL STATION. LIGHT SWITCH: OS = OCCUPANCY SENSOR, K = KEYED, 3 = 3-WAY LOW VOLTAGE DIMMER / PRESET CONTROL: D TIMER SWITCH: T |
| | BUG EYE EXIT SIGN WITH INTERGRAL BATTERY, 90 MINUTE RUN TIME: CEILING, WALL MOUNTED |

| TELECOMMUNICATIONS SYMBOLS | |
|----------------------------|--|
| | DATA OUTLET: WALL, CEILING, FLOOR |
| | DATA OUTLET: CABLE/JACK QUANTITY (x2 U.O.N.) |
| | DATA OUTLET: MOUNTING HEIGHT |
| | DATA OUTLET: WALL PHONE (x1 CABLE/JACK) |
| | ASSISTIVE LEARNING SYSTEM |
| | ANALOG CLOCK: WALL, CEILING |
| | MASTER CLOCK: CEILING |
| | COMBINATION IP SPEAKER/IP CLOCK (ANALOG FACE) |
| | DIGITAL CLOCK: WALL, CEILING |
| | WIRELESS ACCESS POINT: WALL, CEILING. E = EXISTING |
| | ASSISTIVE LEARNING SYSTEM SPEAKER: CEILING |
| | ANALOG SPEAKER: WALL, CEILING |
| | IP SPEAKER: WALL, CEILING |
| | SPEAKER-HORN: WALL, CEILING |
| | ANALOG SPEAKER-HORN: WALL, CEILING, WP |
| | 2-WAY/ARA COMMUNICATION STATION: WALL |
| | M: MASTER STATION |
| | PS: POWER SUPPLY |
| | AV OUTLET: WALL, FLOOR, CEILING |
| | ASSISTIVE LEARNING SYSTEM: CONTROLLER |
| | ASSISTIVE LEARNING SYSTEM: INPUT / OUTPUT |
| | CATV OUTLET: WALL, CEILING |
| | INTERCOM STATION: WALL |
| | INTERCOM & VIDEO STATION: WALL |
| | INTERCOM MASTER STATION: WALL |
| | MAN: MASTER ANALOG |
| | MIP: MASTER IP |
| | WIRELESS CLOCK SIGNAL DISTRIBUTION ANTENNA: WALL |
| | ANALOG TELEPHONE OUTLET: WALL |

| TELECOM PATHWAYS AND ENCLOSURES SYMBOLS | |
|---|--|
| | CONDUIT |
| | UNDERGROUND CONDUIT |
| | AERIAL |
| | SPLICE |
| | MAINTENANCE HOLE |
| | VAULT (SUBSCRIPT +/-) |
| | POLES |
| | RACK (2 POST) |
| | RACK (4 POST) |
| | CABINET: SURFACE, RECESSED |
| | PULL BOX |
| | TELECOM UNDERGROUND VAULT |
| | CABLE PATHWAY FIRESTOPPING DEVICE |
| | CABLE TRAY: CENTER SUPPORT, OUTER SUPPORTS |
| | TELECOM GROUND BUS |
| | TELEPHONE BACKBOARD. |

| SECURITY SYMBOLS | |
|---|-------------------------------------|
| | CARD KEY READER STATION: WALL |
| | MOTION DETECTOR: WALL, CEILING |
| | DOOR ASSIST: WALL |
| | P: PANIC |
| | IDS KEYPAD: WALL |
| | DOOR HARDWARE: WALL |
| | ACP: ACCESS CONTROL PANEL |
| | DC: DOOR CONTACT |
| | DO: DOOR OPERATOR |
| | DH: DOOR HOLD OPEN |
| | DRP: DOOR RELEASE PANEL |
| | EC: ELECTRIC CYLINDRICAL LOCK SET |
| | EPT: ELECTRONIC POWER TRANSFER |
| | ES: ELECTRIC STRIKE |
| | IL: INTEGRATED LOCK |
| | LA: LOCAL ALARM |
| | LS: LATCH RETRACTION |
| | REX: REQUEST TO EXIT SENSOR |
| | RX: REQUEST TO EXIT SWITCH |
| | DOME SECURITY CAMERA: WALL, CEILING |
| | SINGLE LENS |
| | SINGLE LENS 180° |
| | SINGLE LENS 360° |
| | SINGLE LENS PTZ |
| | DOUBLE LENS |
| | QUAD LENS |
| *SEE DOOR HARDWARE SCHEDULE AND ASSOCIATED DETAILS FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS | |

| FIRE ALARM SYMBOLS | |
|--------------------|---|
| | MANUAL PULL STATION: WALL |
| | BELL: WALL |
| | STROBE: WALL, CEILING |
| | SPEAKER-STROBE: WALL, CEILING |
| | PHOTOELECTRIC SMOKE DETECTOR: WALL, CEILING |
| | PR: RELAY BASE |
| | PIB: ISOLATION BASE |
| | PT: HEAT DETECTOR |
| | BEAM SMOKE DETECTOR |
| | ADDRESSABLE MODULE: WALL, CEILING |
| | ARM: ADDRESSABLE RELAY MODULE |
| | AIM: ADDRESSABLE INPUT MODULE (SINGLE) |
| | AMM: ADDRESSABLE MINI INPUT MODULE |
| | ADM: ADDRESSABLE DUAL INPUT MODULE |
| | ANM: ADDRESSABLE NOTIFICATION MODULE |
| | AIO 1X1: ADDRESSABLE INPUT/OUTPUT MODULE, 1 INPUT x 1 RELAY |
| | AIO 2X2: ADDRESSABLE INPUT/OUTPUT MODULE, 2 INPUT x 2 RELAY |
| | SWITCH: WALL, CEILING |
| | WF: WET SYSTEM |
| | PA: PREACTION SYSTEM |
| | VS: VALVE SUPERVISORY SWITCH |
| | PIV: POST INDICATOR VALVE |
| | LA: LOW AIR SWITCH |
| | HA: HIGH AIR SWITCH |
| | PR: PUMP RUNNING SIGNAL |
| | PT: PUMP TROUBLE SIGNAL |
| | REV: REVERSAL SIGNAL |
| | LT: LOW AIR TEMP |
| | LW: LOW WATER LEVEL |
| | DH: MAGNETIC DOOR HOLD |
| | FIRE ALARM CONTROL UNIT |
| | NOTIFICATION POWER SUPPLY |
| | REMOTE ANNUNCIATOR |
| | LOCAL OPERATOR CONSOLE |
| | EVAC AMPLIFIER |
| | FIRE ALARM TERMINAL CABINET |
| | ELEVATOR CONTROL MODULE |
| | SPRINKLER CONTROL MODULE |
| | FIRE ALARM CONTROL PANEL |
| | WIRELESS MESH RADIO NETWORK |
| | DOCUMENT STORAGE BOX |

| Sheet List | |
|--------------|---------------------------------------|
| Sheet Number | Sheet Name |
| E001 | LEGEND AND ABBREVIATIONS - ELECTRICAL |
| E111 | FLOOR PLAN - UPPER LEVEL - ELECTRICAL |
| E112 | FLOOR PLAN - LOWER LEVEL - ELECTRICAL |

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OREGON

JULY 10, 1998

ELI ANNO V. REYES JR.

EXPIRES 12/31/2022

REVISIONS:

1 Adden #1 - 12/6/22

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CLASSROOM WALLS PHASE 3 - JACOB WISMER ELEMENTARY SCHOOL

5477 NW SKYCREST PKWY

PORTLAND, OR 97228

PERMIT SET

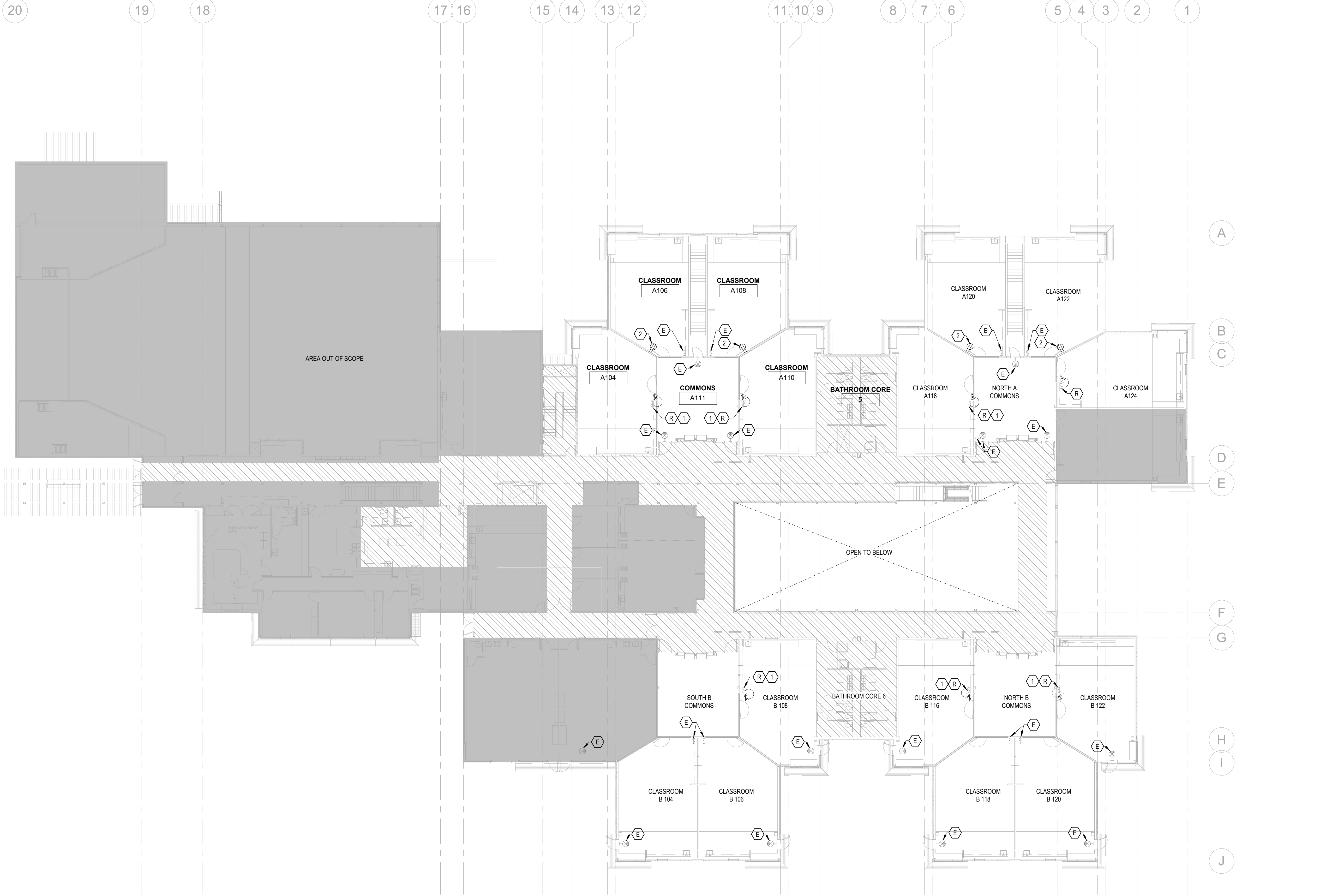
PROJECT: 21005.01

DATE: 11/10/22

LEGEND AND ABBREVIATIONS - ELECTRICAL

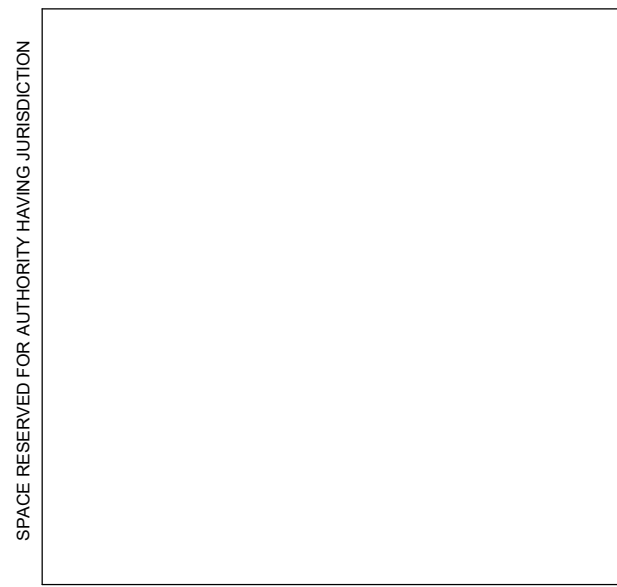
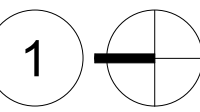
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FLOOR PLAN - UPPER LEVEL - ELECTRICAL

1/16" = 1'-0"



GENERAL NOTES

- A ALL CIRCUITS ARE TO BE DE-ENERGIZED PRIOR TO COMMENCING WORK.
- B CONTRACTOR TO CONFIRM SOURCE PANELS AND LINE TRACE CIRCUITS TO DETERMINE BREAKER SPACE.
- C INSPECT PHYSICAL CONDITION OF ALL WIRING INTENDED FOR INTERCEPTION AND EXTENSION.
- D PERFORM MEGGER/RESISTANCE TESTING AND NOTIFY ENGINEER OF DEFICIENCIES FOUND.
- E REFER TO AS-BUILT DOCUMENTATION FOR EXISTING SINGLE-LINE DIAGRAMS AND DEVICE LAYOUTS, ALTHOUGH THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCING WORK AND COMPENSATE OWNER FOR DAMAGES CAUSED BY FAILURE TO LOCATE OR PRESERVE UTILITIES.
- F FOR ITEMS TO BE DEMOLISHED, REMOVE WIRING, DEVICES, AND CONDUIT COMPLETE. DO NOT ABANDON IN PLACE UNLESS OTHERWISE NOTED. CONDUIT CAST IN-SLAB IS TO BE CUT-OFF BELOW GRADE AND ABANDONED.
- G DE-ENERGIZE, DISCONNECT, AND REMOVE ALL EXISTING ELECTRICAL INFRASTRUCTURE IN AREAS UNAFFECTED BY PROJECT DEMO.
- H RETAIN EXISTING ELECTRICAL RACEWAYS IDENTIFIED FOR INTERCEPTION AND EXTENSION IN AREAS UNAFFECTED BY DEMOLITION.
- I PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF RECORD AND APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).
- J ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK AND SYSTEMS. COORDINATE ROUGH-IN REQUIREMENTS AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.
- K PERFORM WORK FOR REMOVAL AND DISPOSAL OF EQUIPMENT AND MATERIALS CONTAINING TOXIC SUBSTANCES REGULATED UNDER THE FEDERAL TOXIC SUBSTANCES CONTROL ACT (TSCA) IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT LIMITED TO:
- 1. PCB-CONTAINING ELECTRICAL EQUIPMENT, INCLUDING TRANSFORMERS, CAPACITORS, AND SWITCHES.
 - 2. PCB- AND DEHP-CONTAINING LIGHTING BALLASTS.
 - 3. MERCURY-CONTAINING LAMPS AND TUBES, INCLUDING FLUORESCENT LAMPS, HIGH INTENSITY DISCHARGE (HID), ARC LAMPS, ULTRA-VIOLET, HIGH PRESSURE SODIUM, MERCURY VAPOR, IGNITRON TUBES, NEON, AND INCANDESCENT.
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- M REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.
- N REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES.
- O DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS THAT ARE NOT REMOVED.
- P DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.
- Q REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- R MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS THAT REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE.
- S REMOVE AND RESTORE WIRING WHICH SERVES USABLE OUTLETS CLEAR OF CONSTRUCTION OR DEMOLITION.

KEYED NOTES

- 1 RELOCATE EXISTING LIGHT SWITCHES TO THE OPPOSITE SIDE OF THE WING WALL AS INDICATED. INTERCEPT EXISTING WIRING AND EXTEND TO NEW LOCATION.
- 2 DE-ENERGIZE EXISTING RECEPTACLE CIRCUIT PRIOR TO DEMOLITION OF WALL. OUTLET IS TO REMAIN IN PLACE WITH EXISTING WIRING DURING CONSTRUCTION AND SECURED TO THE NEW STUD FRAME WALL.

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CLASSROOM WALLS PHASE 3 - JACOB WISMER ELEMENTARY SCHOOL

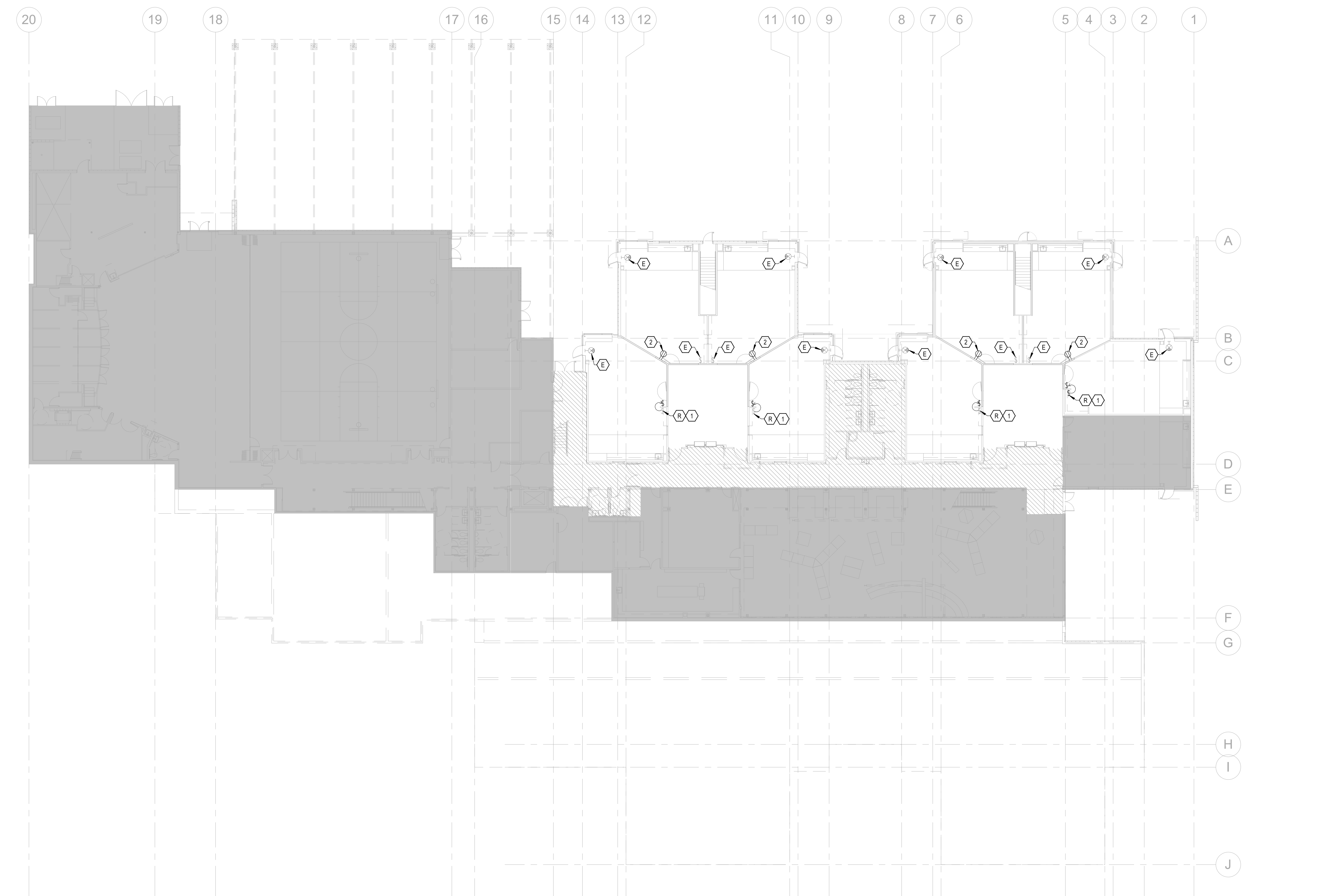
5477 NW SKYCREST PKWY
PORTLAND, OR 97228

PERMIT SET

PROJECT: 21005.01
DATE: 11/10/22

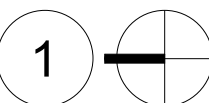
FLOOR PLAN -
UPPER LEVEL -
ELECTRICAL

E111



FLOOR PLAN - LOWER LEVEL - ELECTRICAL

1/16" = 1'-0"



GENERAL NOTES

- A ALL CIRCUITS ARE TO BE DE-ENERGIZED PRIOR TO COMMENCING WORK.
- B CONTRACTOR TO CONFIRM SOURCE PANELS AND LINE TRACE CIRCUITS TO DETERMINE BREAKER SPACE.
- C INSPECT PHYSICAL CONDITION OF ALL WIRING INTENDED FOR INTERCEPTION AND EXTENSION.
- D PERFORM MEGGER/RESISTANCE TESTING AND NOTIFY ENGINEER OF DEFICIENCIES FOUND.
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CLASSROOM WALLS PHASE 3 - JACOB WISMER ELEMENTARY SCHOOL

5477 NW SKYCREST PKWY
PORTLAND, OR 97228

PERMIT SET

PROJECT: 21005.01
DATE: 11/10/22

FLOOR PLAN -
LOWER LEVEL
ELECTRICAL

E112

12/5/2022 12:28:19 PM

KEYED NOTES - PROJECT SCOPE

- ALIGN FACE OF ADJACENT FINISHES, TYPICAL.
- SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WITHIN THIS AREA.
- PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL.
- DEMOLISH EXISTING OPERABLE PARTITION, GC TO RECYCLE IF POSSIBLE. EXISTING HEADTRACK TO REMAIN. FIELD VERIFY HEADTRACKS PRIOR TO INSTALLATION OF NEW PARTITION.
- PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD (CFCI) ALONG ENTIRE LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL.
- INSTALL (N) 18" VERTICAL GRAB BAR AT EXISTING ACCESSIBLE RESTROOM OR TOILET COMPARTMENT. REMOUNT EXISTING TOILET ACCESSORIES WITHIN THIS AREA TO MEET ADA COMPLIANCE; SEE G001 FOR MOUNTING HEIGHTS AND CLEARANCES.
- REMOVE (E) DOOR AND HARDWARE. SEE TYPICAL FOR PATCH AND PAINT REQUIREMENTS.
- PROVIDE STAIR LEVEL IDENTIFICATION SIGN IN RAISED CHARACTERS AND BRAILLE TO MEET THE REQUIREMENTS OF 2009 ICC A117.1 504.9 AT EACH FLOOR LEVEL LANDING ADJACENT OT THE DOOR LEADING FROM THE STAIRWELL INTO THE CORRIDOR TO IDENTIFY THE FLOOR LEVEL. PROVIDE ADDITIONAL SIGN AT STAIRWELL EXIT DOOR STATING 'EXIT'. SIGNS TO MATCH EXISTING CODE REQUIRED SIGNAGE FOR COLOR, SIZE AND FONT WITHIN THE BUILDING.
- PROVIDE TRAFFIC COATING 'NO PARKING' MARKING AT EXISTING ADA ACCESS AISLE.
- PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL, SEE SITE PLAN FOR TYPICAL SCOPE.
- INSTALL OWNER PROVIDED ROOM SIGNAGE, TYP.
- INSTALL NEW 3"x3"x48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED.

FINISH SCHEDULE

NOTE - INSTALL ALL FINISHES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

09 91 00 - PAINTS AND COATINGS

PT-1:
MANUFACTURER: RODDA PAINT
PRODUCT: UNIQUE II LOW-GLOSS (532001)
COLOR: DREAMY PEACH (E521296)
FINISH: LOW-GLOSS EGGSHELL
LOCATIONS: CLASSROOM AND HALLWAY WALL FINISH

PT-2:
MANUFACTURER: RODDA PAINT
PRODUCT: MULTI MASTER DTM OR EQUAL
COLOR: CHEDDAR CORN (1001)
LOCATIONS: DOOR FRAME

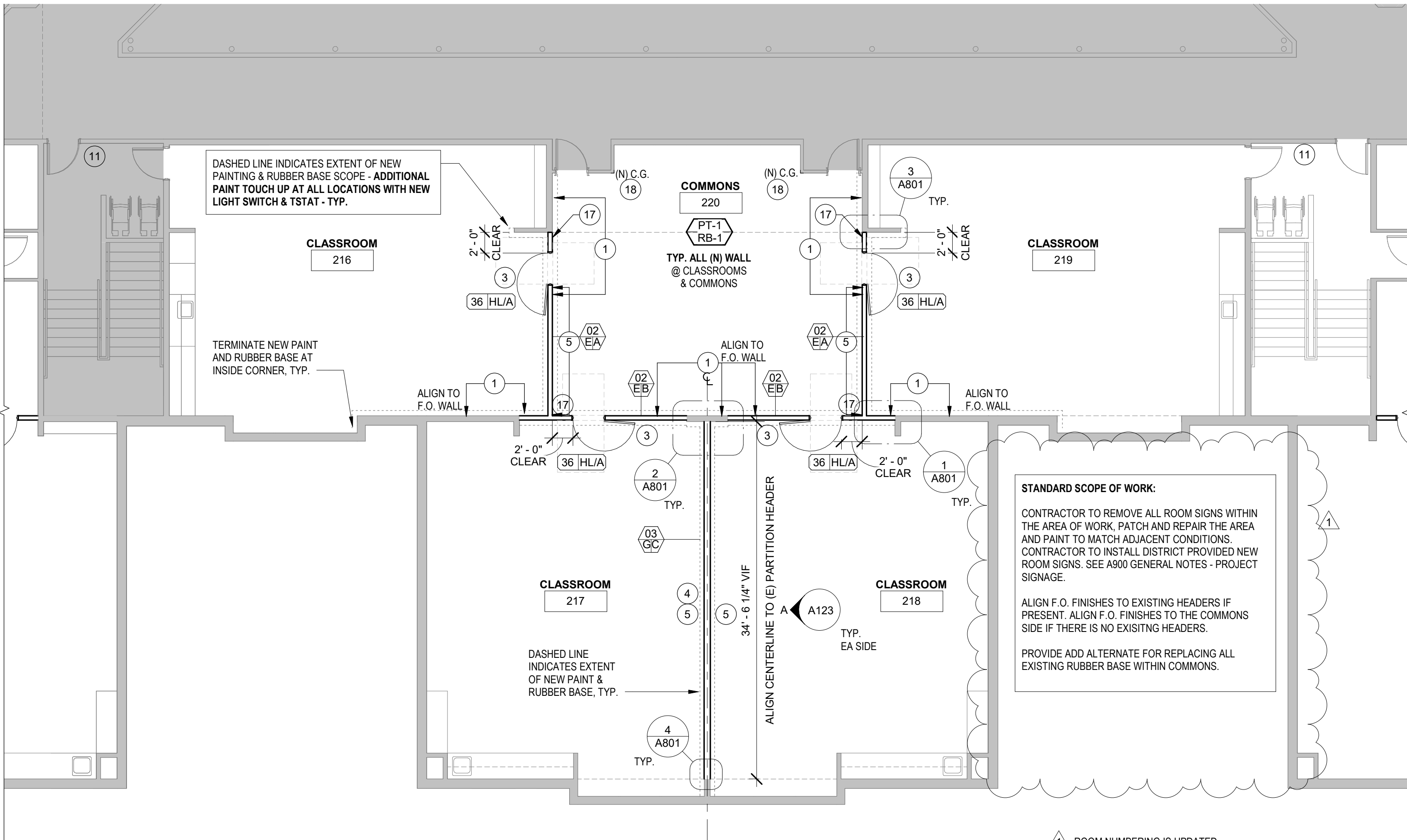
09 65 00 - RESILIENT FLOORING & BASE

RB-1:
MANUFACTURER: FLEXCO
PRODUCT: WALL FLOWERS RUBBER COVE BASE
SIZE: 4"
COLOR: CHARCOAL
LOCATIONS: HALLWAY AND CLASSROOM WALLS WHERE NEW PAINT IS APPLIED, TYPICAL

PATIN AND/RUBBER BASE NOTE:

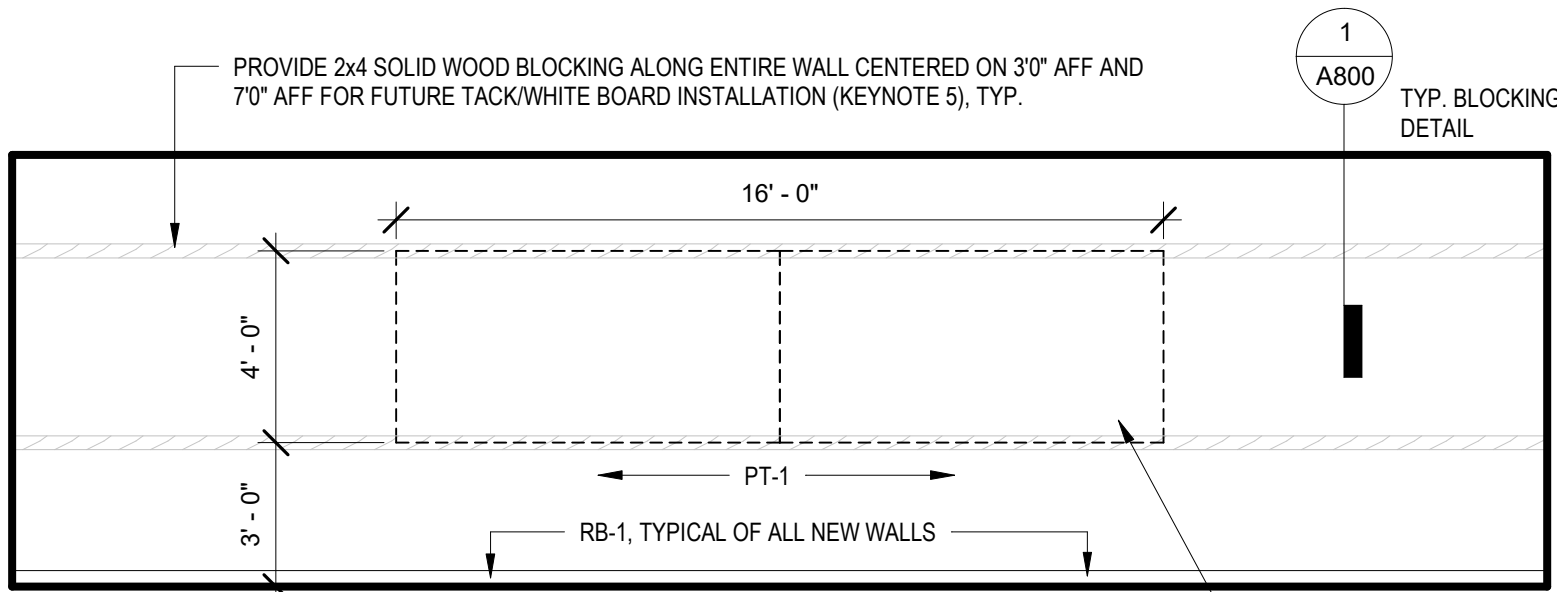
- PATIN COLOR NOTE
GC TO COLOR MATCH EXISTING WALL COLORS AND PROVIDE PAINT DRAWDOWNS FOR ARCHITECT'S REVIEW.

- RUBBER BASE COLOR
GC TO COORDINATE FINAL COLOR SELECTION WITH ARCHITECT AND EXTENT OF REPAIR/REPLACEMENT. SEE SCOPE OF WORK FOR ADD ALTERNATE.



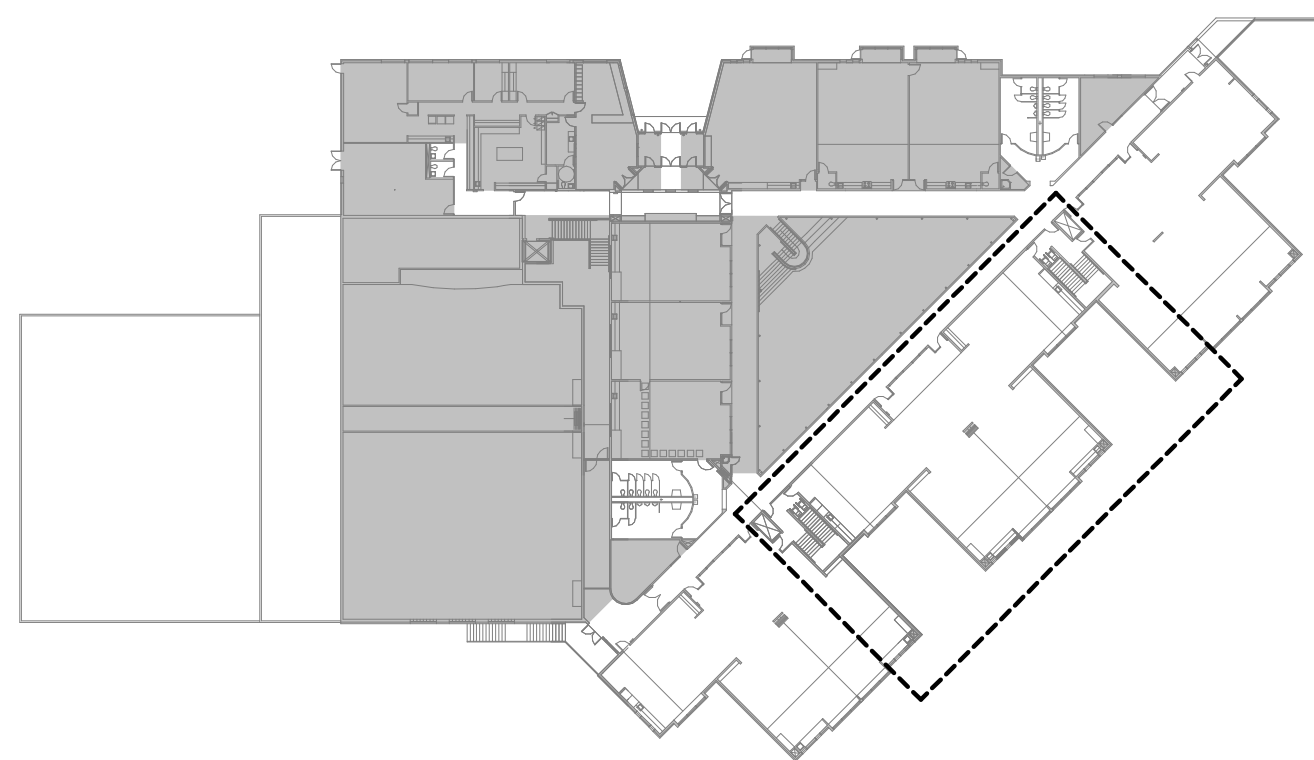
ENLARGED PLAN - TYPICAL CLASSROOM

1/8" = 1'-0"



TYPICAL ELEVATION - CLASSROOM WALL

1/4" = 1'-0"



KEYPLAN - UPPER LEVEL

1" = 60'-0"

GENERAL NOTES - FLOOR PLAN

- REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
- REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.
- DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES PARTICULARLY OF STATED INTERIOR CLEAR DIMENSIONS.
- WHERE DIMENSIONS ARE LISTED AS 'CRITICAL CLEAR' THESE DIMENSIONS MUST ABSOLUTELY BE HELD FOR ADA OR EGRESS COMPLIANCE. DIMENSIONS LISTED WITH '+/-' TYPICALLY HAVE SOME CONSTRUCTION TOLERANCE.
- PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
- ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWCI STANDARDS.
- PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

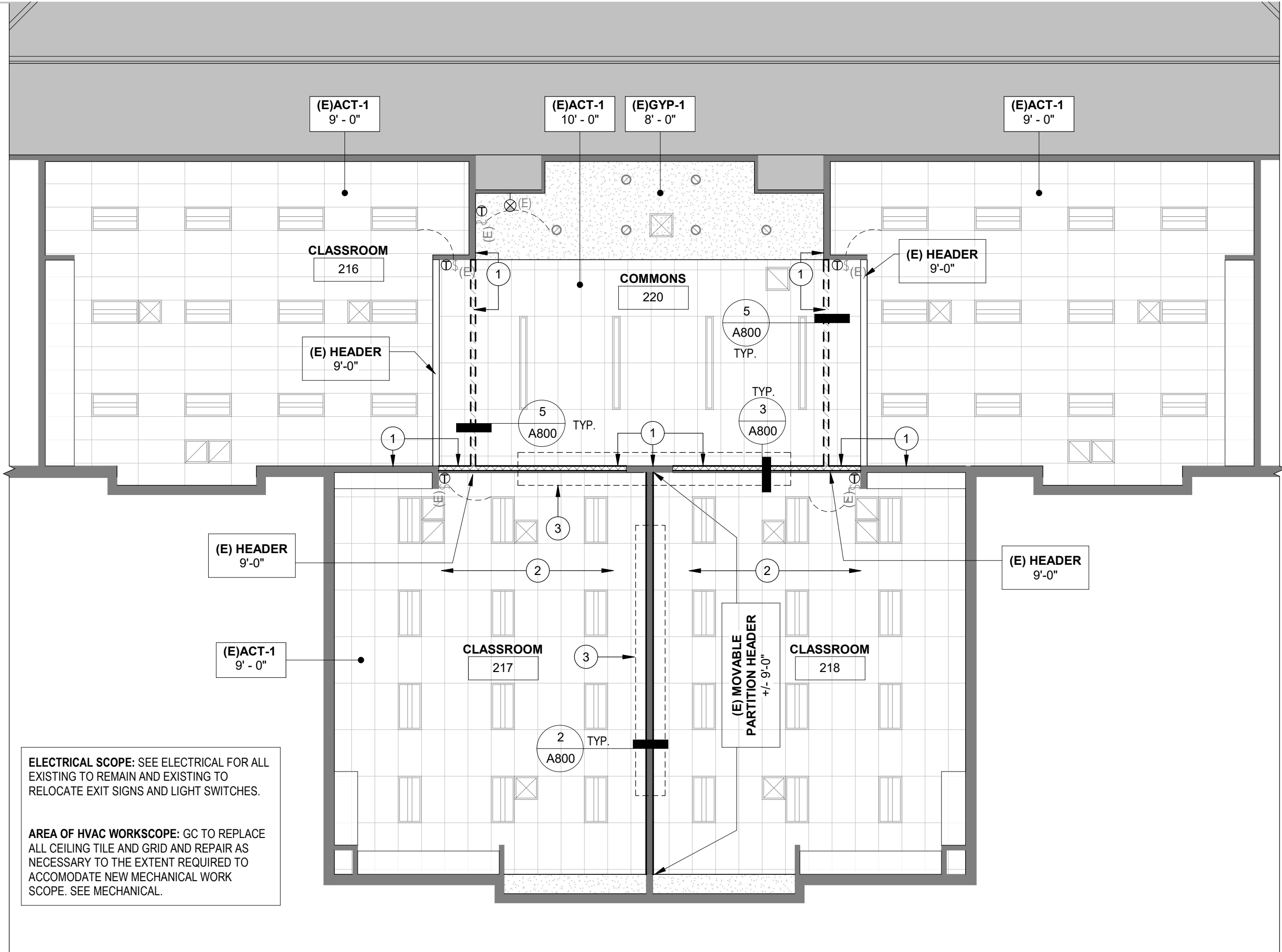
LEGEND - FLOOR PLANS

| WALL TAG | DOOR TAG - UNIQUE | DOOR TAG - REPEATABLE | WINDOW TAG | KEY NOTE |
|------------------------------|-----------------------------------|--------------------------------|----------------------------|-------------------------|
| 11 A | 102 | 34 A | A | 1 |
| WALL TYPE PER ASSEMBLY | DOOR TAG - REFER TO DOOR SCHEDULE | DOOR & FRAME TYPE SEE SCHEDULE | WINDOW TYPE - SEE SCHEDULE | KEY NOTE - SEE SCHEDULE |
| BRACING CONDITION | | | | |
| STUD TYPE PER LEGEND | | | | |
| STUD SIZE LEGEND | | | | |
| A 7/8" FURRING CHANNEL | | | | |
| B 1 1/2" FURRING 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 | | | | |
| I 2 1/2" C-H SHAFT WALL STUD | | | | |
| J 4" C-H SHAFT WALL STUD | | | | |
| K 6" C-H SHAFT WALL STUD | | | | |
| BRACING CONDITION | | | | |
| A HEAD @ (E) ACT | | | | |
| B HEAD @ (E) SOFFIT/HEADER | | | | |
| C HEAD @ PARTITION TRACK | | | | |

LIGHTING AND CEILING MATERIALS - LEGEND

| FINISHES KEY. SEE FINISH SCHEDULE FOR TYPES | ACT-1: (24 x 48) | GWB: (SEE TYPE) |
|--|------------------|-----------------|
| WALL BRACING KEY - REFER TO PARTITION DETAILS | | |
| COMPOSITE WALL TO PARTITION TRACK - SEE WALL DETAIL C/A800. | | |
| BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800. | | |
| BRACED WALL, BELOW TILE CEILING - SEE WALL DETAIL A/A800. | | |
| EXISTING WALLS | | |
| 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 | | |
| EXISTING TROFFER FIXTURE - 2 x 4 | | |
| SWITCH LOCATION | | |
| D = DIMABLE | | |
| OS = OCCUPANCY SENSOR | | |
| 3 = 3-WAY SWITCH | | |
| EXIT LIGHT (BATTERY BACKUP) - ARROW DESIGNATES DIRECTION | | |
| OUTLET LOCATION - ABOVE 96" CEILING | | |
| HVAC SYMBOLS. SEE MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILS | | |
| NOTE: CONTRACTOR TO REPLACE CEILING TILE AND GRID TO THE EXTENT REQUIRED TO ACCOMMODATE NEW DUCT WORK. | | |
| NEW RETURN GRILL | | |
| EXISTING SUPPLY DIFFUSER | | |
| EXISTING RETURN GRILL | | |
| HVAC ELEMENT TO BE DEMOLISHED | | |

| KEYED NOTES - RCP | |
|-------------------|---|
| 1 | ALIGN FACE OF FINISH. |
| 2 | AREA OF HVAC WORKSCOPE: NEW TERMINAL UNIT IN THIS AREA. SEE MECHANICAL FOR TYPICAL LOCATION. |
| 3 | GO TO PATCH BACK ALL PENETRATION AROUND NEW DUCTING AND/OR EXISTING PENETRATION FOLLOWING HVAC DEMOLITION. SEE MECHANICAL FOR TYPICAL LOCATION AND SCOPE. |



TYPICAL ENLARGED CEILING PLAN
1/8" = 1'-0"

GENERAL NOTES - REFLECTED CEILING PLANS

- A. LIGHTING SHOWN IS FOR DESIGN INTENT ONLY. THE GENERAL CONTRACTOR IS REQUIRED TO PROVIDE A COMPLETE LIGHTING SYSTEM THAT MEETS ALL LOCAL REGULATORY CODES. REFER TO G001 FOR DESIGN BUILD REQUIREMENTS, G101 FOR EMERGENCY LIGHTING REQUIREMENTS AND THE LOCAL ENERGY CODE FOR DAYLIGHT ZONE REQUIREMENTS.
1. SPECIFICATION OF LUMENS AND/OR LIGHT LEVELS IS DESIGN/BUILD. IN GENERAL, PROVIDE LIGHT LEVELS TO MATCH THE ILLUMINATED ENGINEERING SOCIETY (IES) LIGHTING HANDBOOK RECOMMENDATIONS.
2. CONFIRM AND PROVIDE EMERGENCY EGRESS LIGHTING OF A MINIMUM 1 FC AT ALL TIMES ALONG EGRESS PATHS. COORDINATE SWITCHING, GENERATOR POWER OR BATTERY BACKUP OF ALL LIGHT FIXTURES.
- B. DESIGN REQUIREMENT FOR ALL CEILINGS MUST MEET THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE FOR SEISMIC CATEGORIES D, E & F, ASCE 7-02, OR 05, OR CISCA RECORDATION FOR SEISMIC ZONES 3 & 4 OR TO THE LOCAL REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. SEE GENERAL NOTES ON A810 FOR DESIGN REQUIREMENTS.
- C. COORDINATE ALL SWITCHING WITH OWNER FOR PREFERRED LOCATIONS.
1. ALL OFFICES AND INDIVIDUAL ROOMS TO BE SWITCHED INDEPENDENTLY. PROVIDE AN OCCUPANCY SENSOR TO ALL ENCLOSED ROOMS.
2. COORDINATE OPEN AREA SWITCHING WITH THE TENANT FOR PREFERRED LOCATIONS.
3. COORDINATE FINAL LOCATION OF PENDANTS WITH FURNITURE. VERIFY LOCATION WITH OWNER OR DESIGNER PRIOR TO FINAL PLACEMENT.
4. WHERE ACCENT LIGHTING IS DESIGNATED, SEPARATE SWITCHING IS PROPOSED AND DESIGNATED BY DASHED LINES WITHIN THIS DRAWING.
- D. CENTER ALL FIXTURES AND SPRINKLER HEADS WITHIN CEILING TILES, ALIGN RECESSED FIXTURES AND SPRINKLER SYSTEMS.
- E. CENTER ALL LIGHTING FIXTURES BETWEEN CEILING GRID OR ADJACENT WALLS, UNLESS INDICATED OTHERWISE.
- 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.
- G. WITHIN NON-ACT CEILINGS (I.E. HARDLID), PROVIDE THE FOLLOWING :
- SPRINKLER HEADS: FULLY CONCEALED, COLOR TO MATCH CEILING
HVAC GRILLS: LINEAR DIFFUSERS AND RETURNS
ACCESS PANELS: FULLY FLUSH RECESSED
- H. WHERE CEILINGS RECEIVE A FINISH OTHER THAN WHITE PAINT OR MANUFACTURER'S ACT, PROVIDE WALL MOUNTED STROBES, HORNS, EGRESS SIGNS OR OTHER CODE REQUIRED ITEMS.
- I. SEE SECTION 01 91 13 - GENERAL COMMISSIONING REQUIREMENTS FOR MECHANICAL AND CONTROL SCOPE TO BE COMMISSIONED.

LIGHTING AND CEILING MATERIALS - LEGEND

FINISHES KEY. SEE FINISH SCHEDULE FOR TYPES

ACT-1: (24 x 48)

GWB: (SEE TYPE)

WALL BRACING KEY - REFER TO PARTITION DETAILS

COMPOSITE WALL TO PARTITION TRACK - SEE WALL DETAIL C/A800.

BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800.

BRACED WALL, BELOW TILE CEILING - SEE WALL DETAIL A/A800.

EXISTING WALLS

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

EXISTING TROFFER FIXTURE - 2 x 4

EXISTING LINEAR PENDANT - 96"

EXISTING RECESSED LIGHT

THERMOSTAT SEE MECHANICAL

SWITCH LOCATION

EXIT LIGHT (BATTERY BACKUP) EXISTING

NEW/RELOCATED

D = DIMABLE
OS = OCCUPANCY SENSOR
3 = 3-WAY SWITCH

OUTLET LOCATION - ABOVE 96" CEILING

HVAC SYMBOLS. SEE MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILS

NOTE:
CONTRACTOR TO REPLACE CEILING TILE AND GRID TO THE EXTENT REQUIRED TO ACCOMMODATE NEW DUCT WORK.

NEW RETURN GRILL

EXISTING RETURN GRILL

EXISTING SUPPLY DIFFUSER

HVAC ELEMENT TO BE DEMOLISHED

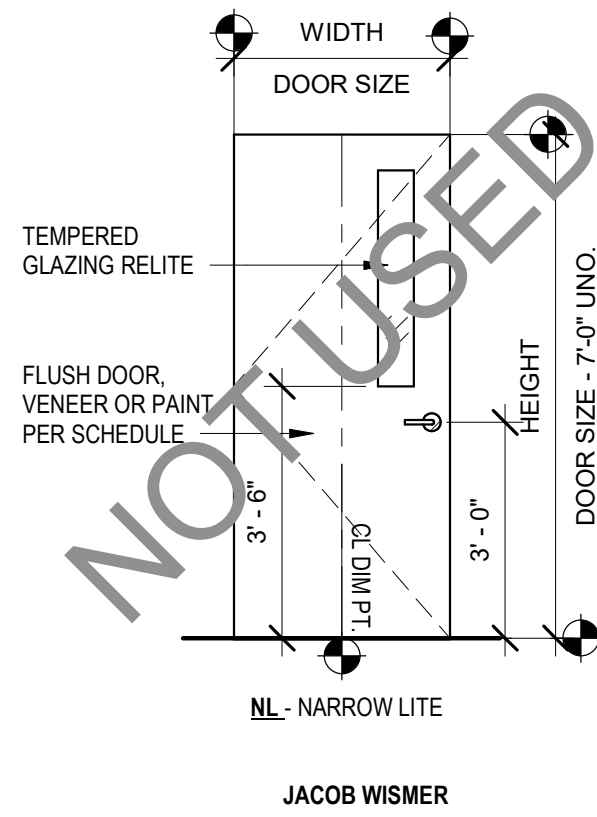
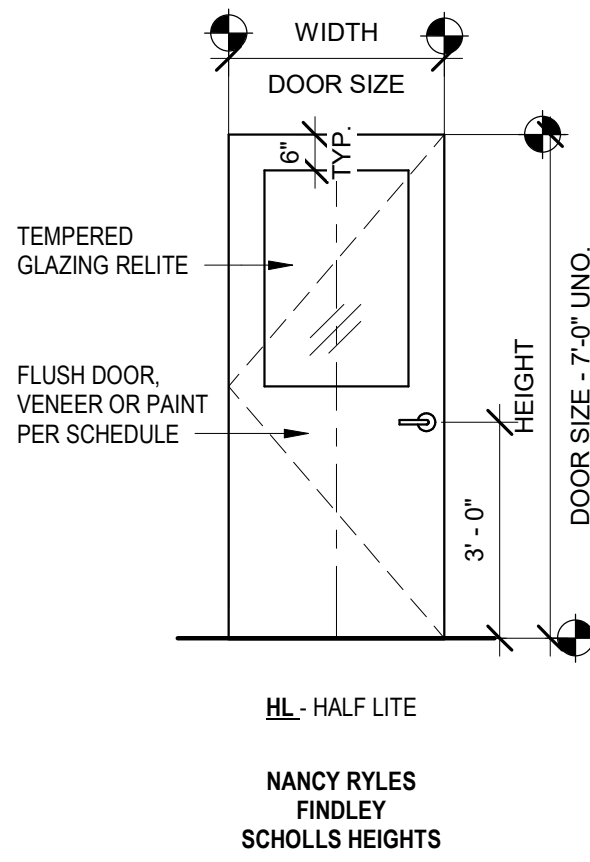
GENERAL NOTES - PROJECT SIGNAGE

- A. COORDINATE ALL SIGNAGE WITHIN THE PROJECT, INCLUDING CODE REQUIRED SIGNAGE, WITH EXISTING BUILDING SIGNAGE
- B. CODE REQUIRED SIGNAGE, SUCH AS STAIRWAY SIGNAGE AND ACCESSIBLE PARKING SIGNAGE, TO BE PROCURED AND INSTALLED BY THE GENERAL CONTRACTOR. PROVIDE DETAILED INFORMATION ON SIZE, FONT AND COLOR WITHIN A SUBMITTAL FOR ARCHITECT AND OWNER REVIEW.
- C. ROOM SIGNAGE IS OWNER FURNISHED AND CONTRACTOR INSTALLED. COORDINATE EXTENTS AND LOCATION WITH OTHER WALL MOUNTED ITEMS. PROVIDE AN ALLOWANCE FOR THE PATCH AND REPAIR OF EXISTING WALLS WHERE EXISTING SIGNAGE IS RELOCATED OR REPLACED.

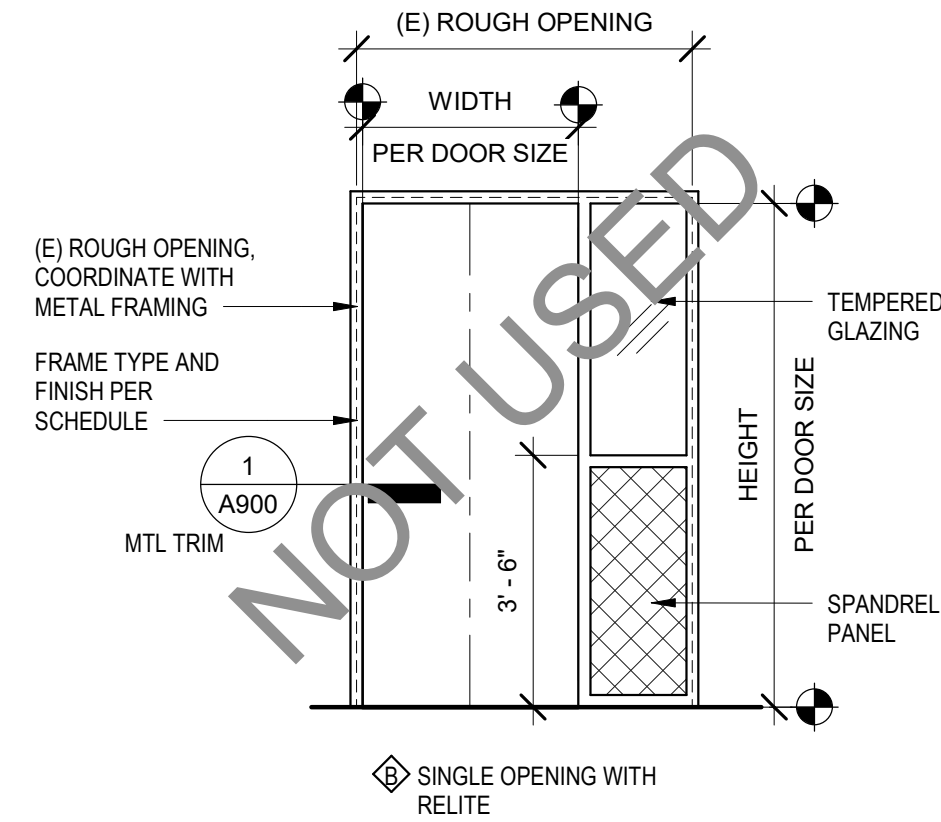
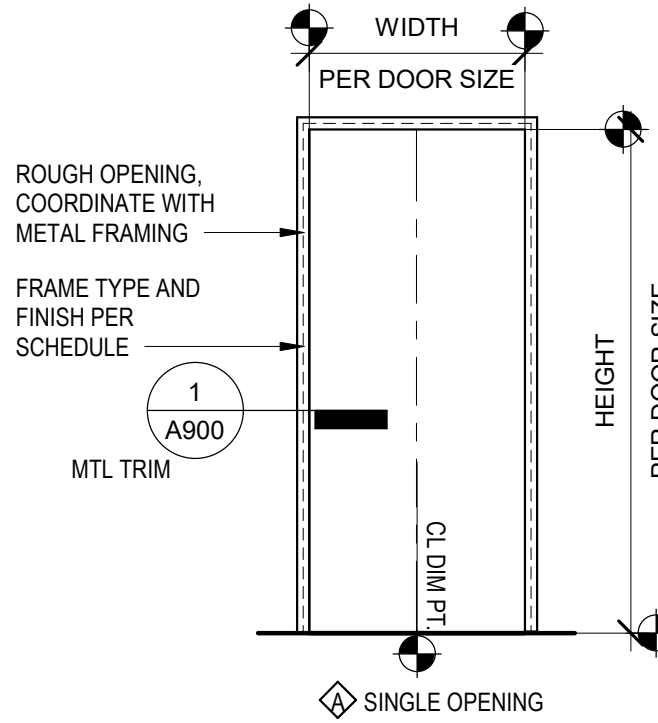


EXISTING DOOR AT COMMONS. GENERAL CONTRACTOR TO MATCH RELITE AND WOOD GRAINING.

NOTE: MATCH EXISTING DOOR RELITE SIZES, WOOD GRAIN, STAIN AND GENERAL LOOK OF DOORS WITHIN EXISTING LOCATIONS. PROVIDE PHOTOGRAPH OF EXISTING DOOR WITHIN DOOR SUBMITTAL.

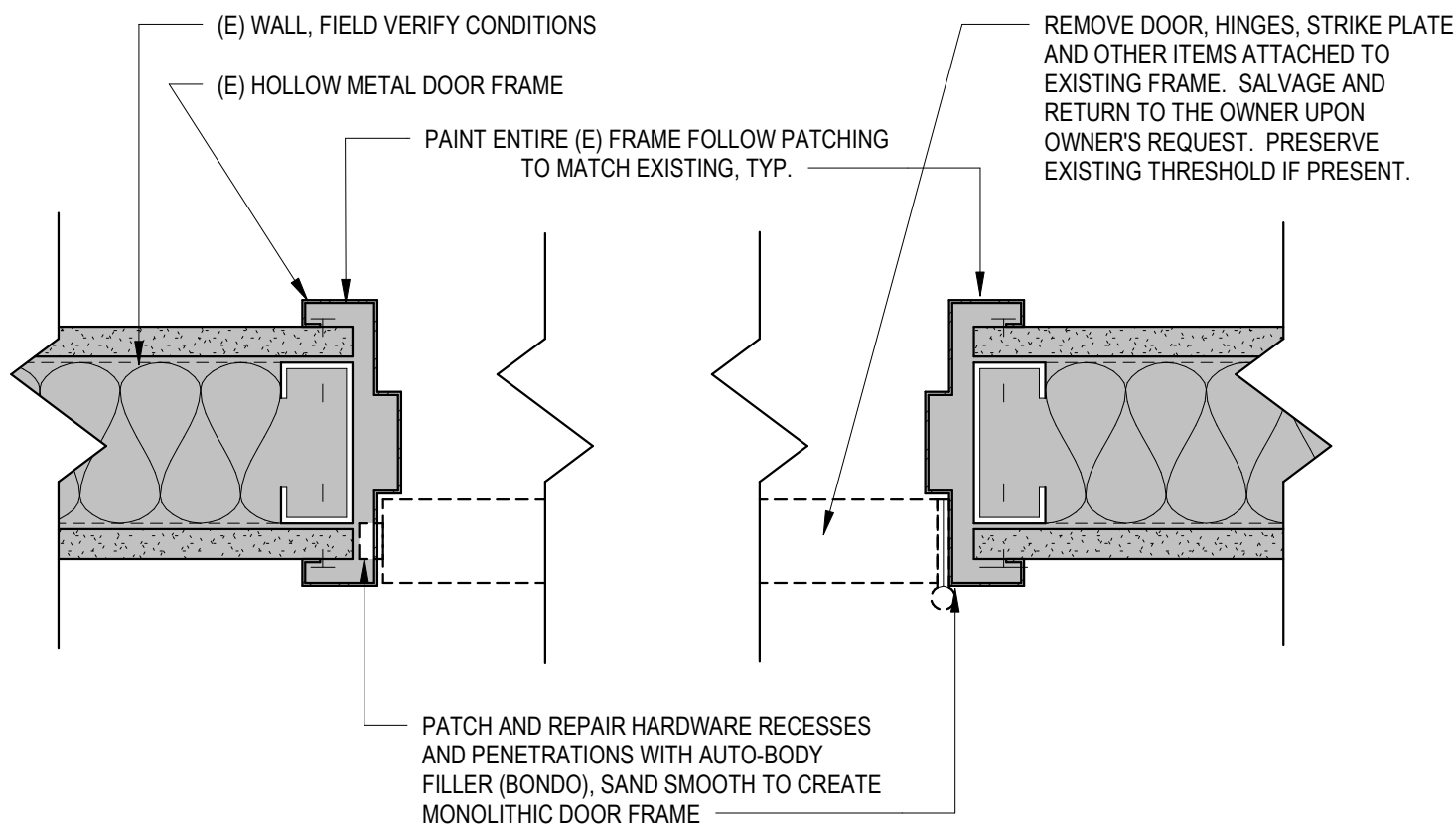


DOOR TYPES
3/8" = 1'-0"

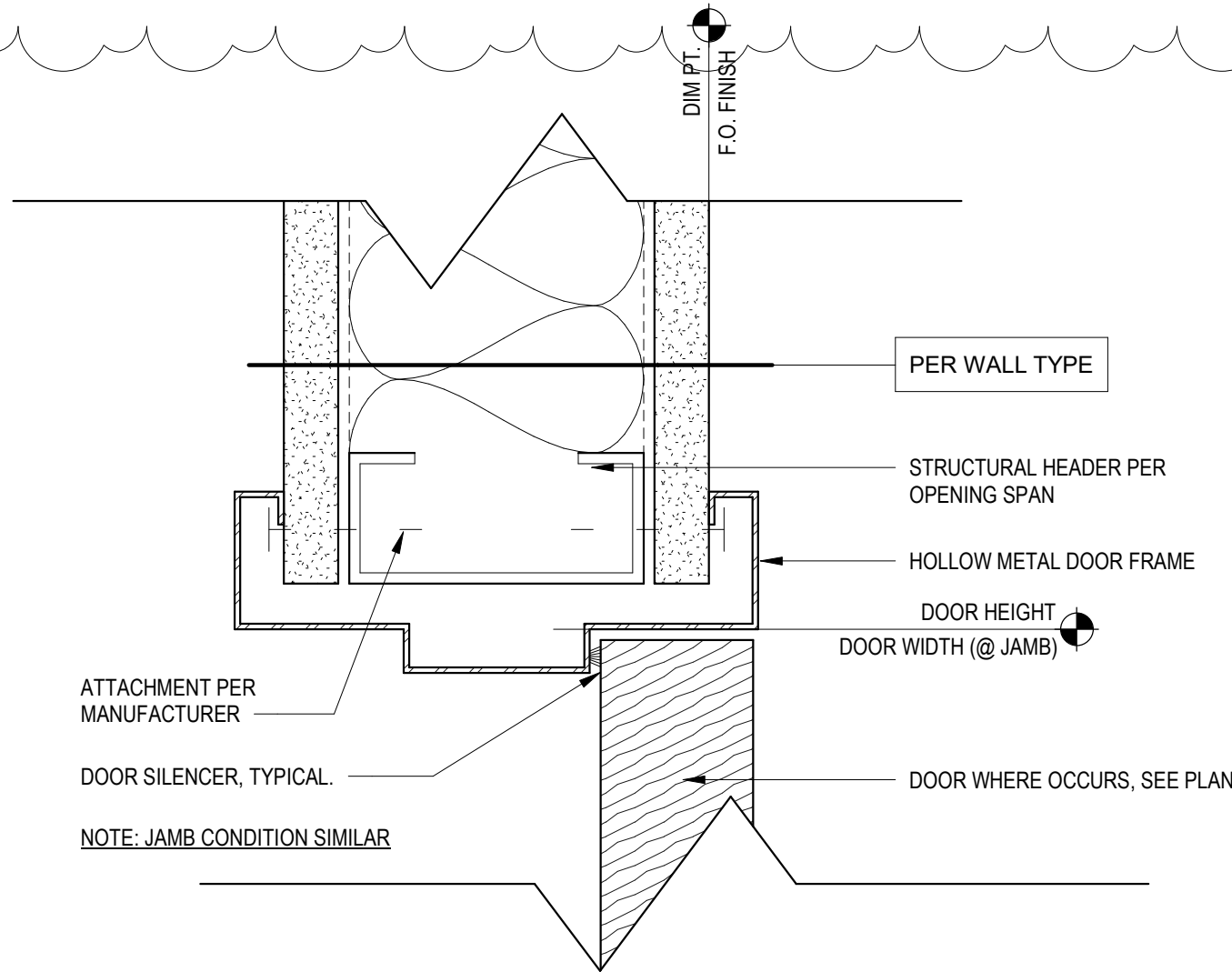


FRAME TYPES
3/8" = 1'-0"

| DOOR SCHEDULE | | | | | | | | | | | | | | | |
|---------------|-------|---------------|--------|-------|-------------|----------|--------|---------------|-------------|------|-----------|----------|-----------|----------------|--|
| DOOR TYPE | COUNT | FINISHED SIZE | | FRAME | | | | | | DOOR | | | | HARDWARE GROUP | NOTES |
| | | WIDTH | HEIGHT | TYPE | FIRE RATING | MATERIAL | FINISH | TRIM MATERIAL | TRIM FINISH | TYPE | THICKNESS | MATERIAL | FINISH | | |
| HL/A | 20 | 3'-0" | 7'-0" | A | N/A | HM | PT | STL | PT | HL | 1 3/4" | WD | SEE NOTES | 2 | MATCH EXISTING CLASSROOM DOOR RELITE, GRAINING AND FINISH. PROVIDE NEW BLIND AT RELITE TO MATCH (E) BUILDING STANDRD CONTRACTOR TO VERIFY THE FINAL DOOR COUNT. DOOR PANEL BOD: TRUDOOR NATURAL WHITE BIRCH - CLEAR |



OPENING - (E) FRAME REPAIR
3" = 1'-0"



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

GENERAL NOTES - DOORS

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. DIMENSIONS SHOWN FOR DOORS AND WINDOWS ARE TYPICALLY FINISHED OPENING DIMENSIONS. COORDINATE ROUGH OPENING DIMENSIONS PER MANUFACTURER RECOMMENDATIONS WITH SELECTED OPENING.
- C. EXIT DOORS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR FORCE.
- D. THE MAIN EXIT TO DOOR TO HAVE SIGNAGE ABOVE THE DOOR READING "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."
- E. ALL NEW DOORS TO BE SOLID WOOD, PAINT GRADE UNLESS NOTED OTHERWISE.
- F. PROVIDE NEW ADA LEVER STYLE DOOR HARDWARE TO MATCH BUILDING STANDARD. (SCHLAGE 'ND', SERIES, RHODES STYLE)
- G. ALL NEW FRAMES TO BE FULLY WELDED UNLESS NOTED OTHERWISE. (CURRIES 16 GA.)
- H. PROVIDE TEMPERED GLAZING IN ALL DOORS AND RELITES UNLESS NOTED OTHERWISE.
- I. REFER TO ELEVATIONS FOR DOOR AND FRAME PAINT FINISH WHERE PAINT IS USED.

MATERIAL LEGEND

| | | | |
|-----|-----------------------|----------|-------------------------|
| (E) | EXISTING | WD | WOOD - SOLID CORE |
| GL | GLASS - TEMPERED | HC | WOOD - HOLLOW CORE |
| MDF | MDF - TRIM | MTL | METAL - SOLID CORE |
| MFR | MANUFACTURER'S FINISH | STL - KD | STEEL FRAME - KNOCKDOWN |
| PT | PAINT | HM | HOLLOW METAL FRAME |
| TS | TRANSPARENT STAIN | ALUM | ALUMINUM STOREFONT |

HARDWARE GROUPS

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

ALL NEW HARDWARE TO BE SATIN CHROME (US26D), UNO.

DOOR FRAMES: CURRIES 16 GA FULLY WELDED - EQUAL RABBIT
LEVER HARDWARE SETS: SCHLAGE ND SERIES VANDLARD, "RHODES"
CORES: SCHLAGE FULL SIZE INTERCHANGEABLE (FSC) CYLINDERS
HINGES: IES HW 4.5" X 4.5" NRP
PANIC BARS: VON DUPRIN EL 99 OR XP99
CLOSERS: LCN 4010 (INWARD SWING), LCN 4111 (OUTWARD SWING)
STOPS: BHMA 626, IVES OR EQUAL
KICK PLATE: STAINLESS STEEL, FULL WIDTH

GROUP 1: COMMONS (PANIC HARDWARE)
(3) PAIR BUTTS - 4 1/2"
PANIC HARDWARE
CLOSER
WALL STOP TYPICAL UNO.
SILENCER
KICK PLATE

GROUP 2: CLASSROOM
(3) PAIR BUTTS - 4 1/2"
LEVER SET - "CLASSROOM" TYPE
WALL STOP TYPICAL UNO.
SILENCER
KICK PLATE

| ABBREVIATIONS | | |
|--|---|-------|
| A | AMPERE (AMP) | KVAR |
| AAF | ABOVE ACCESS FLOOR | KW |
| ABF | AIRBLOWN FIBER | KWH |
| AC | ABOVE COUNTER | LEC |
| AFF | ABOVE FINISHED FLOOR | LED |
| AHJ | AUTHORITY HAVING JURISDICTION | LV |
| AIC | AMPS INTERRUPTING CURRENT | MATV |
| ALT | ALTERNATE | MCA |
| AN | ANALOG | MCB |
| ARCH | ARCHITECT / ARCHITECTURAL | MCC |
| ARM | ARMORED | MDF |
| ATS | AUTOMATIC TRANSFER SWITCH | MDP |
| AV | AUDIO VISUAL | MECH |
| AVC | AUDIO VISUAL CONTRACTOR | MH |
| BC | BONDING CONDUCTOR | MHz |
| BDF | BUILDING DISTRIBUTION FACILITY | MLO |
| BMS | BUILDING MANAGEMENT SYSTEM | MTS |
| BCC | BOTTOM OF CONDUIT | N |
| BOCT | BOTTOM OF CABLE TRAY | NAC |
| C | CONDUIT | NIC |
| CATV | (CABLE TV) COMMUNITY ACCESS TELEVISION | OFCI |
| CB | CIRCUIT BREAKER | OFE |
| CCTV | CLOSED CIRCUIT TELEVISION | OFOI |
| CF | CELLULAR FLOOR | OSP |
| CKT | CIRCUIT | PA |
| CLG | CEILING | PB |
| CO | CENTRAL OFFICE | PE |
| CPE | CUSTOMER UNIVERSAL ENCLOSURE | PF |
| CT | CURRENT TRANSFORMER | PMV |
| CU | COPPER | PML |
| CUE | CONCRETE UNIVERSAL ENCLOSURE | PON |
| DAS | DISTRIBUTED ANTENNA SYSTEM | PPL |
| dB | DECIBEL | PVC |
| DB | DUCT BANK | PWR |
| DML | DOUBLE MAIN LUGS | R/W |
| DN | DOWN | RAD |
| E | EAST | RG |
| EQ | EQUAL DISTANT | S |
| EC | ELECTRICAL CONTRACTOR | SAA |
| EF | ENTRANCE FACILITY | SACP |
| EM | EMERGENCY | SDP |
| EMC | ELECTROMAGNETIC COMPATIBILITY | SMB |
| EMI | ELECTROMAGNETIC INTERFERER | SPD |
| EMT | ELECTRIC METALLIC TUBING | ST |
| EPO | EMERGENCY POWER OFF | STS |
| EP | ENTRANCE POINT | SW |
| EP | EXPLOSION PROOF | TBB |
| ER | EQUIPMENT ROOM | TBC |
| FA | FIRE ALARM | TBD |
| FAA | FIRE ALARM ANNUNCIATOR | TE |
| FACP | FIRE ALARM CONTROL PANEL | TGB |
| FLA | FULL LOAD AMPS | TL |
| FO | FIBER OPTIC | TMGB |
| FSD | FIRE SMOKE DAMPER | TO |
| GC | GENERAL CONTRACTOR | TP |
| GFI | GROUND FAULT INTERRUPTER | TR |
| GFCI | GROUND FAULT CIRCUIT INTERRUPTER | TTB |
| GHz | GIGAHERTZ | TTC |
| GND | GROUND | TV |
| GRC | GALVANIZED RIGID CONDUIT | TVSS |
| GRD | GROUND | TYP |
| GRS | GALVANIZED RIGID STEEL CONDUIT | U |
| HH | HANDHOLE | UC |
| HP | HORSEPOWER | UG |
| HPS | HIGH PRESSURE SODIUM | UON |
| HV | HIGH VOLTAGE | UPS |
| HZ | HERTZ | V |
| IBC | INTERNATIONAL BUILDING CODE | VA |
| IDF | INTERMEDIATE BUILDING DISTRIBUTION FACILITY | VP |
| IG | ISOLATE GROUND | W |
| IR | INTERRUPTING RATING | WAO |
| JB | JUNCTION BOX | WAP |
| KV | KILOVOLT | WP |
| KVA | KILOVOLT AMP | XFMR |
| | | XSISW |
| *REFER TO DISCIPLINE SYMBOL LISTS FOR MORE ABBREVIATIONS | | |

| GENERAL SYMBOLS | | |
|-----------------|--|--------------------------------------|
| | | EQUIPMENT DESIGNATOR - SEE SCHEDULE. |
| | | EXISTING TO REMAIN |
| | | EXISTING TO BE REMOVED |
| | | EXISTING TO BE RELOCATED |
| | | NEW |
| | | KEYED NOTE |

| NOTE | |
|---|--|
| THIS IS A STANDARD LEGEND SHEET, THEREFORE, SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS. | |

| WORK RESPONSIBILITY | |
|--|--|
| ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN CONDUIT, DEVICES, BOXES, CONDUCTORS, AND TRANSITIONS AROUND OBSTRUCTIONS WHETHER SHOWN ON DRAWINGS OR NOT SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER. | |

| GENERAL NOTES (APPLIES TO ALL DRAWINGS) | |
|--|---|
| A. | WHERE EXACT DIMENSIONS ARE NOT CALLED FOR, DO NOT SCALE DRAWINGS TO DETERMINE LOCATION OF EQUIPMENT, JUNCTION BOXES, OUTLET BOXES, WIRE WAYS, PANELS, ETC. SEE ARCH FOR EXACT DIMENSIONS. |
| B. | CONDUIT RUNS SHOW ONLY INTERCONNECTION BETWEEN THE TERMINATION POINTS. THE EXACT PATH OF THE CONDUIT IS TO BE DETERMINED BY THE CONTRACTOR. THERE SHALL BE A MINIMUM OF ONE PULL BOX FOR EVERY 100 FEET OF STRAIGHT EMPTY CONDUIT AND A PULL BOX FOR MORE THAN TWO 90 DEGREE BENDS IN A CONDUIT RUN. ALL CONDUIT SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED, AND FURNISHED WITH PULL WIRES. |
| C. | POWER CIRCUITS FOR THE AUDIOVISUAL SYSTEMS MUST BE ON THE SAME TRANSFORMER PHASE, BUT NOT ON THE SAME PHASE AS ANY COMPRESSORS, MOTORS, OR LIGHTING DIMMING SYSTEMS. |
| D. | ALL EQUIPMENT MUST BE COMPLETELY BONDED TO A TRUE EARTH COMMON GROUND OR VERIFY GROUNDING REQUIREMENTS WITH ELECTRICAL EQUIVALENT FOR PROPER OPERATION. |
| E. | FOR TELECOM OUTLETS WITH 1-6 CABLES, PROVIDE 1" C. TO DOUBLE-GANG DEEP BOX WITH SINGLE-GANG MUD RING AND 2, 4 OR 6 PORT FACEPLATE AS REQUIRED. |
| F. | FOR TELECOM OUTLETS WITH 7-12 CABLES, PROVIDE TWO (2) 1" C. TO DOUBLE-GANG DEEP BOX WITH DOUBLE-GANG MUD RING AND TWO (2) 2, 4 OR 6 PORT FACEPLATES AS REQUIRED. |
| G. | FOR ALL DATA OUTLETS AND CAMERAS, PROVIDE CATEGORY 6 CABLE AND JACKS. FOR ALL WIRELESS ACCESS POINTS (WAPs), PROVIDE (2) CATEGORY 6A CABLES AND JACKS. |

| POWER SYMBOLS | |
|---------------|---|
| | WALL RECEPTACLE: DUPLEX, 4-PLEX |
| | FLOOR RECEPTACLE: DUPLEX, 4-PLEX |
| | CEILING RECEPTACLE: DUPLEX, 4-PLEX |
| | WALL RECEPTACLE: MOUNTING HEIGHT |
| | SPECIAL RECEPTACLE: WALL |
| | JUNCTION BOX: WALL, FLOOR, CEILING |
| | SURFACE OUTLET STRIP: DIMENSIONS AS SHOWN |
| | DISCONNECT SWITCH: FUSED, CIRCUIT BREAKER |
| | MOTOR CONNECTION |
| | PANEL & CIRCUIT NUMBER |
| | DENOTES DUPLEX RECEPTACLE ON DROP CORD |
| | PUSHBUTTON: WALL |
| | ADA DOOR ASSIST BUTTON: WALL |
| | WIRE CONCEALED IN FLOOR OR UNDERGROUND |
| | RACEWAY AND CONDUCTORS REMOVED AS PART OF DEMOLITION |
| | CONDUIT ELL: UP, DN |
| | ELECTRICAL DUCT BANK |
| | GROUND ROD, 10' LONG, 5/8" DIAMETER, COPPER. BOND TO LOCAL CIRCUIT GROUND CONDUCTOR |
| | ELECTRICAL DISTRIBUTION CABINET |
| | ELECTRICAL DISTRIBUTION PANEL: SURFACE, RECESSED |
| | ELECTRICAL TRANSFORMER |

| ONE-LINE SYMBOLS | |
|------------------|-------------------------------------|
| | CONDUCTORS & CONDUIT |
| | CONDUCTORS & CONDUIT TO BE REMOVED |
| | CIRCUIT BREAKER, MOLDED CASE SWITCH |
| | BUS |
| | ATS |
| | METER |
| | PANEL |
| | MAIN GROUNDING BAR |
| | CONNECTION TO GROUND |
| | TRANSFORMER |

| LIGHTING SYMBOLS | |
|------------------|---|
| | PHOTOCELL: CEILING, WALL MOUNTED |
| | DUAL TECHNOLOGY, OCCUPANCY SENSOR: CEILING MOUNTED, WALL MOUNTED |
| | DUAL TECHNOLOGY, VACANCY SENSOR: CEILING MOUNTED, WALL MOUNTED |
| | HA = LUMINAIRE TYPE DESIGNATION 1. = CIRCUIT NUMBER a = SWITCH DESIGNATION |
| | SINGLE GANG, STRAP MOUNTED CONTROL STATION. LIGHT SWITCH: OS = OCCUPANCY SENSOR, K = KEYED, 3 = 3-WAY LOW VOLTAGE DIMMER / PRESET CONTROL: D TIMER SWITCH: T |

| TELECOMMUNICATIONS SYMBOLS | |
|----------------------------|--|
| | DATA OUTLET: WALL, CEILING, FLOOR |
| | DATA OUTLET: CABLE/JACK QUANTITY (x2 U.O.N.) |
| | DATA OUTLET: MOUNTING HEIGHT |
| | DATA OUTLET: WALL PHONE (x1 CABLE/JACK) |
| | ASSISTIVE LEARNING SYSTEM |
| | ANALOG CLOCK: WALL, CEILING |
| | MASTER CLOCK: CEILING |
| | COMBINATION IP SPEAKER/IP CLOCK (ANALOG FACE) |
| | DIGITAL CLOCK: WALL, CEILING |
| | WIRELESS ACCESS POINT: WALL, CEILING. E = EXISTING |
| | ASSISTIVE LEARNING SYSTEM SPEAKER: CEILING |
| | ANALOG SPEAKER: WALL, CEILING |
| | IP SPEAKER: WALL, CEILING |
| | SPEAKER-HORN: WALL, CEILING |
| | ANALOG SPEAKER-HORN: WALL, CEILING, WP |
| | 2-WAY/ARA COMMUNICATION STATION: WALL M: MASTER STATION PS: POWER SUPPLY |
| | AV OUTLET: WALL, FLOOR, CEILING |
| | ASSISTIVE LEARNING SYSTEM: CONTROLLER |
| | ASSISTIVE LEARNING SYSTEM: INPUT / OUTPUT |
| | CATV OUTLET: WALL, CEILING |
| | INTERCOM STATION: WALL |
| | INTERCOM & VIDEO STATION: WALL |
| | INTERCOM MASTER STATION: WALL MAN: MASTER ANALOG MIP: MASTER IP |
| | WIRELESS CLOCK SIGNAL DISTRIBUTION ANTENNA: WALL |
| | ANALOG TELEPHONE OUTLET: WALL |

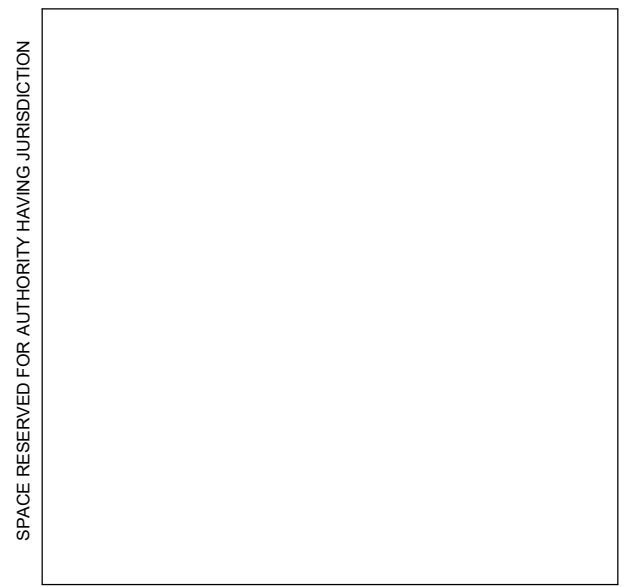
| TELECOM PATHWAYS AND ENCLOSURES SYMBOLS | |
|---|--|
| | CONDUIT |
| | UNDERGROUND CONDUIT |
| | AERIAL |
| | SPLICE |
| | MAINTENANCE HOLE |
| | VAULT (SUBSCRIPT +/-) |
| | POLES |
| | RACK (2 POST) |
| | RACK (4 POST) |
| | CABINET: SURFACE, RECESSED |
| | PULL BOX |
| | TELECOM UNDERGROUND VAULT |
| | CABLE PATHWAY FIRESTOPPING DEVICE |
| | CABLE TRAY: CENTER SUPPORT, OUTER SUPPORTS |
| | TELECOM GROUND BUS |
| | TELEPHONE BACKBOARD. |

| SECURITY SYMBOLS | |
|---|---|
| | CARD KEY READER STATION: WALL |
| | MOTION DETECTOR: WALL, CEILING |
| | DOOR ASSIST: WALL P: PANIC |
| | IDS KEYPAD: WALL |
| | DOOR HARDWARE: WALL ACP: ACCESS CONTROL PANEL DC: DOOR CONTACT DO: DOOR OPERATOR DH: DOOR HOLD OPEN DRP: DOOR RELEASE PANEL EC: ELECTRIC CYLINDRICAL LOCK SET EPT: ELECTRONIC POWER TRANSFER ES: ELECTRIC STRIKE IL: INTEGRATED LOCK LA: LOCAL ALARM LS: LATCH RETRACTION REX: REQUEST TO EXIT SENSOR RX: REQUEST TO EXIT SWITCH |
| | DOME SECURITY CAMERA: WALL, CEILING |
| | SINGLE LENS |
| | SINGLE LENS 180° |
| | SINGLE LENS 360° |
| | SINGLE LENS PTZ |
| | DOUBLE LENS |
| | QUAD LENS |
| *SEE DOOR HARDWARE SCHEDULE AND ASSOCIATED DETAILS FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS | |

| FIRE ALARM SYMBOLS | |
|--------------------|---|
| | MANUAL PULL STATION: WALL |
| | BELL: WALL |
| | STROBE: WALL, CEILING |
| | SPEAKER-STROBE: WALL, CEILING |
| | PHOTOELECTRIC SMOKE DETECTOR: WALL, CEILING |
| | PR: RELAY BASE PIB: ISOLATION BASE PT: HEAT DETECTOR |
| | BEAM SMOKE DETECTOR |
| | ADDRESSABLE MODULE: WALL, CEILING |
| | ARM: ADDRESSABLE RELAY MODULE AIM: ADDRESSABLE INPUT MODULE (SINGLE) AMM: ADDRESSABLE MINI INPUT MODULE ADM: ADDRESSABLE DUAL INPUT MODULE ANM: ADDRESSABLE NOTIFICATION MODULE AIO 1X1: ADDRESSABLE INPUT/OUTPUT MODULE, 1 INPUT x 1 RELAY AIO 2X2: ADDRESSABLE INPUT/OUTPUT MODULE, 2 INPUT x 2 RELAY |
| | SWITCH: WALL, CEILING |
| | WF: WET SYSTEM |
| | PA: PREACTION SYSTEM VS: VALVE SUPERVISORY SWITCH PIV: POST INDICATOR VALVE LA: LOW AIR SWITCH HA: HIGH AIR SWITCH PR: PUMP RUNNING SIGNAL PT: PUMP TROUBLE SIGNAL REV: REVERSAL SIGNAL LT: LOW AIR TEMP LW: LOW WATER LEVEL DH: MAGNETIC DOOR HOLD |
| | FIRE ALARM CONTROL UNIT |
| | NOTIFICATION POWER SUPPLY |
| | REMOTE ANNUNCIATOR |
| | LOCAL OPERATOR CONSOLE |
| | EVAC AMPLIFIER |
| | FIRE ALARM TERMINAL CABINET |
| | ELEVATOR CONTROL MUDLE |
| | SPRINKLER CONTROL MODULE |
| | FIRE ALARM CONTROL PANEL |
| | WIRELESS MESH RADIO NETWORK |
| | DOCUMENT STORAGE BOX |



FLOOR PLAN - UPPER LEVEL - ELECTRICAL
1/16" = 1'-0"

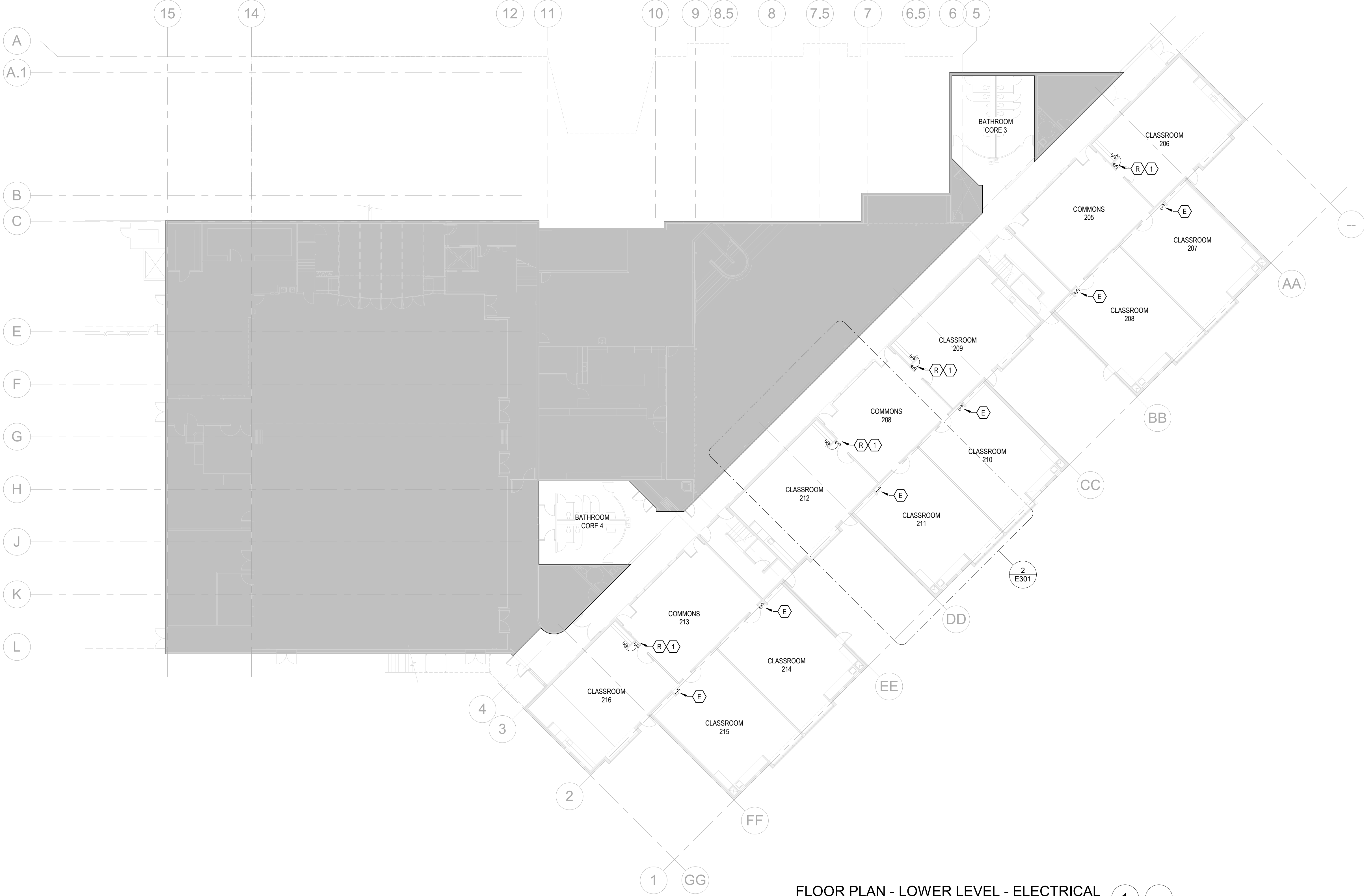


GENERAL NOTES

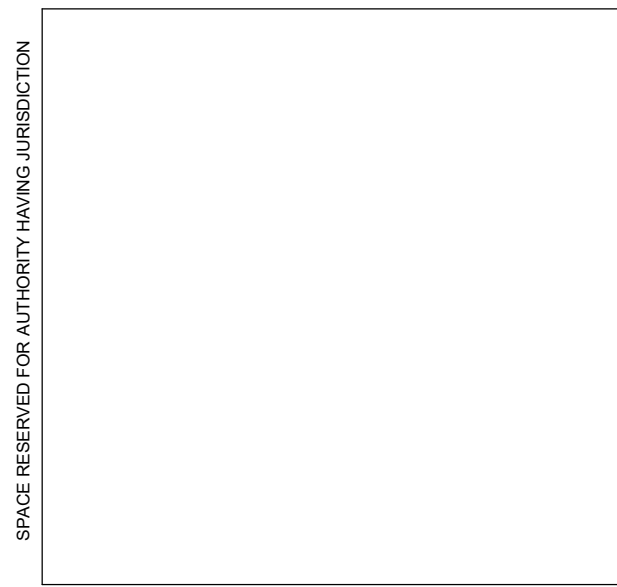
- A ALL CIRCUITS ARE TO BE DE-ENERGIZED PRIOR TO COMMENCING WORK.
- B CONTRACTOR TO CONFIRM SOURCE PANELS AND LINE TRACE CIRCUITS TO DETERMINE BREAKER SPACE.
- C INSPECT PHYSICAL CONDITION OF ALL WIRING INTENDED FOR INTERCEPTION AND EXTENSION.
- D PERFORM MEGGER/RESISTANCE TESTING AND NOTIFY ENGINEER OF DEFICIENCIES FOUND.
- E REFER TO AS-BUILT DOCUMENTATION FOR EXISTING SINGLE-LINE DIAGRAMS AND DEVICE LAYOUTS, ALTHOUGH THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCING WORK AND COMPENSATE OWNER FOR DAMAGES CAUSED BY FAILURE TO LOCATE OR PRESERVE UTILITIES.
- F FOR ITEMS TO BE DEMOLISHED, REMOVE WIRING, DEVICES, AND CONDUIT COMPLETE. DO NOT ABANDON IN PLACE UNLESS OTHERWISE NOTED. CONDUIT CAST IN-SLAB IS TO BE CUT-OFF BELOW GRADE AND ABANDONED.
- G DE-ENERGIZE, DISCONNECT, AND REMOVE ALL EXISTING ELECTRICAL INFRASTRUCTURE IN AREAS UNAFFECTED BY PROJECT DEMO.
- H RETAIN EXISTING ELECTRICAL RACEWAYS IDENTIFIED FOR INTERCEPTION AND EXTENSION IN AREAS UNAFFECTED BY DEMOLITION.
- I PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF RECORD AND APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).
- J ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK AND SYSTEMS. COORDINATE ROUGH-IN REQUIREMENTS AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.
- K PERFORM WORK FOR REMOVAL AND DISPOSAL OF EQUIPMENT AND MATERIALS CONTAINING TOXIC SUBSTANCES REGULATED UNDER THE FEDERAL TOXIC SUBSTANCES CONTROL ACT (TSCA) IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT LIMITED TO:
1. PCB-CONTAINING ELECTRICAL EQUIPMENT, INCLUDING TRANSFORMERS, CAPACITORS, AND SWITCHES.
 2. PCB- AND DEHP-CONTAINING LIGHTING BALLASTS.
 3. MERCURY-CONTAINING LAMPS AND TUBES, INCLUDING FLUORESCENT LAMPS, HIGH INTENSITY DISCHARGE (HID), ARC LAMPS, ULTRA-VIOLET, HIGH PRESSURE SODIUM, MERCURY VAPOR, IGNITRON TUBES, NEON, AND INCANDESCENT.
- L REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
- M REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.
- N REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES.
- O DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS THAT ARE NOT REMOVED.
- P DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.
- Q REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- R MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS THAT REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE.
- S REMOVE AND RESTORE WIRING WHICH SERVES USABLE OUTLETS CLEAR OF CONSTRUCTION OR DEMOLITION.

KEYED NOTES

- 1 RELOCATE EXISTING LIGHTING CONTROL SWITCH TO LOCATION INDICATED. WIRE AND CONNECT FOR A FULLY FUNCTIONING LIGHTING CONTROL SYSTEM FOR THE SPACE.



FLOOR PLAN - LOWER LEVEL - ELECTRICAL
1/16" = 1'-0"



GENERAL NOTES

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CODE SUMMARY

APPLICABLE CODES

2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC)
2019 OREGON ZERO ENERGY READY COMMERCIAL CODE (OSSC CHAPTER 13)
2019 OREGON MECHANICAL SPECIALTY CODE (OMSC)
2017 OREGON PLUMBING SPECIALTY CODE (OPSC)
2017 OREGON ELECTRICAL SPECIALTY CODE (OESC)
2019 OREGON FIRE CODE
(TUALATIN VALLEY FIRE AND RESCUE FIRE CODE APPLICATION GUIDE 3.4R)
ICC/ANSI A117.1 - 2009

CITY OF BEAVERTON MUNICIPAL CODE

CONSTRUCTION TYPE & USE (CHAPTERS 3.4 & 5)

BUILDING OCCUPANCY: E (EDUCATION)
CONSTRUCTION TYPE: V-B (SPRINKLERED)
STORIES: 2 ABOVE GRADE
SEPARATION: NON-SEPARATED

FIRE-RESISTANT RATING REQUIREMENTS (CHAPTER 6)

PRIMARY STRUCTURAL FRAME: 0 HOURS
BEARING WALLS:
EXTERIOR: 0 HOURS
INTERIOR: 0 HOURS
NON BEARING WALLS AND PARTITIONS:
EXTERIOR: SEE SHELL FLS PLANS
INTERIOR: 0 HOUR
FLOOR CONSTRUCTION: 0 HOURS
ROOF CONSTRUCTION: 0 HOURS

INTERIOR FINISHES (CHAPTER 8)

ALL INTERIOR AND CEILING FINISH MATERIALS TO BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723 AND MEET THE FOLLOWING SMOKE-DEVELOPED INDEXES AS REQUIRED BY TABLE 803.9 BELOW.

INTERIOR EXIT STAIRWAYS, EXIT RAMPS AND EXIT PASSAGEWAYS: CLASS A
CORRIDORS AND ENCLOSURES FOR EXIT STAIRWAYS AND RAMPS: CLASS B
ROOMS AND ENCLOSED SPACES: CLASS C

MEANS OF EGRESS (CHAPTER 10)

1006.2.1 NUMBER OF EXITS: MORE THAN ONE EXIT IS REQUIRED FROM EACH TENANT SUITE IF THE OVERALL OCCUPANT LOAD IS GREATER THAN 49

1006.2.1 COMMON PATH OF EGRESS TRAVEL: THE MAXIMUM COMMON PATH OF EGRESS TRAVEL FOR OCCUPANCY GROUPS E SHALL NOT BE MORE THAN 75 FEET WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1

1007.1.1 EXIT DISTANCE: WHERE TWO EXITS ARE REQUIRED, THE SEPARATION DISNACE SHALL NOT BE LESS THAN 1/3RD THE DIAGONAL WITH AN AUTOMATIC SPRINKLER SYSTEM.

1016.2 EXIT TRAVEL DISTANCE: MAXIMUM TRAVEL DISTANCE FOR OCCUPANCY E, SPRINKLERED: 250'

LEGEND - FLS PLANS

NOTE: PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS INDICATED BELOW:

- 1/2 HOUR FIRE PARTITION - 20 MINUTE DOOR
----- 1 HOUR FIRE PARTITION - 45 MINUTE DOOR
----- 1 HOUR FIRE BARRIER - 60 MINUTE DOOR
----- 2 HOUR FIRE BARRIER - 90 MINUTE DOOR
----- 3 HOUR FIRE BARRIER - 20 MINUTE DOOR
- \\\\\\\\\\\\\\\\\\\\ 44\\\\\\\\\\\\\\\\\\\\ EGRESS PATH OF TRAVEL WITH MINIMUM CLEARANCE WIDTH INDICATED. PROVIDE MINIMUM ILLUMINATION FOR EXITING.
- C.P. X' - X' --- COMMON PATH OF EGRESS TRAVEL (OSSC 1014.3)
- E.A. X' - X' --- EXIT ACCESS DISTANCE (OSSC 1016)
- 10 OCCUPANT LOAD AT OPENING
10 CUMMALTIVE OCCUPANT LOAD AT OPENING
- 10 LIGHTED EXIT SIGN - CEILING MOUNTED
SHADING INDICATES LIGHTED FACE(S). DIRECTION ARROW CORRESPONDS TO DIRECTION ARROW ON SIGN
- 10 LIGHTED EXIT SIGN - WALL MOUNTED
- F.E.C. FIRE EXTINGUISHER CABINET - COORDINATE LOCATION WITH FIRE MARSHAL

DELEGATED DESIGN SUBMITTALS/PERMITS

- A. ITEMS LISTED AS A DEFERRED SUBMITTAL OR DESIGN BUILD ITEMS ON SHEET G001 REQUIRE ENGINEERING TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- B. PROVIDE A COMPLETE AND ENGINEERED SYSTEM TO MEET THE DESIGN INTENT CONTAINED WITHIN THESE CONTRACT DOCUMENTS. PROVIDE A SUBMITTAL TO THE ARCHITECT FOR REVIEW OF DESIGN INTENT CONFORMANCE ONLY. THIS REVIEW DOES NOT CONSTITUTE A PROFESSIONAL PEER REVIEW OF THE SYSTEMS SUBMITTED.
- C. WHERE A LICENSED DESIGN PROFESSIONAL IS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, THE GENERAL CONTRACTOR IS TO SECURE THESE SERVICES AND PROVIDE STAMPED DOCUMENTS TO MEET THE LOCAL REQUIREMENTS FOR A DEFERRED SUBMITTAL OR SEPARATE PERMIT.
- D. ADDITIONAL DEFERRED SUBMITTAL OR PERMIT FEES TO BE PAID BY THE GENERAL CONTRACTOR.

RATED ASSEMBLIES

- A. WHERE RATED ASSEMBLIES ARE SHOWN ON THE FLS PLAN, PROVIDE A UL OR GA LISTED RATED ASSEMBLY TO MEET THE FIRE RATING REQUIREMENTS TO THE ARCHITECT FOR REVIEW.
- B. PROVIDE A UL OR GA LISTED PERIMETER JOINT ASSEMBLY AND THROUGH PENETRATION FIRE STOP ASSEMBLY MEETING THE FIRE RATED REQUIREMENT OF THE WALL, FLOOR/CEILING OR ROOF ASSMBLY SHOWN ON THE FLS PLANS.
- C. PROVIDE A SUBMITTAL CUTSHEET TO THE ARCHITECT OF EACH SELECTED FIRE RESISTANT ASSEMBLY PRIOR TO INSTALLATION.

EMERGENCY LIGHTING REQUIREMENTS

- A. MEANS OF EGRESS, INCLUDING EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE IS SERVED BY THE MEANS OF EGRESS.
- B. PROVIDE MINIMUM 1 FOOT-CANDLE OF ILLUMINATION AT ALL MEANS OF EGRESS. THE POWER SUPPLY FOR THE MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE BUILDINGS ELECTRICAL SUPPLY. IN THE EVENT OF A POWER FAILURE, THE EMERGENCY POWER SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH 2015 IBC SECTION 2702 AND 2015 IBC SECTION 1006.
- C. PRIOR TO FINAL INSPECTION, SUBMIT DOCUMENTATION SUBSTANTIATING THE COMPLETION OF TEST FOR THE MEANS OF EGRESS ILLUMINATION LEVEL PER 2015 IBC 1008.2.1, 1008.3 AND EMERGENCY POWER PER 1008.3.5.

CODE REQUIRED SIGANGE

- A. PROVIDE REQUIRED CODE REQUIRED SIGNAGE AS PRESCRIBED BY THE OREGON STRUCTURAL SPECIALTY CODE AND THE INTERNATIONAL FIRE CODE. COORDINATE LOCATION WITH ARCHITECT AND AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION.
- B. THE FOLLOWING ITEMS ARE TYPICALLY PROVIDED BY THE GENERAL CONTRACTOR, BUT MAY NOT EXHAUSTIVE OF ALL UNIQUE PROJECT REQUIREMENTS. COORDINATE EXTENT OF CODE REQUIRED SIGNAGE WITHIN THIS PROJECT WITH ARCHITECT OF RECORD PRIOR TO SUBSTANTIAL COMPLETION.
- C. OREGON SPECIALTY STRUCTURAL CODE - BASED ON THE INTERNATIONAL BUILDING CODE (IBC)
- OCCUPANT LOAD (1004.3)
 - TWO-WAY COMMUNICATION DEVICES (IBC 1007.8.2)
 - AREAS OF REFUGE (IBC 1007.9)
 - DELAYED EMERGENCY EXIT DOORS (IBC 1008.1.9)
 - KEY LOCKS ON EGRESS SIDE OF DOORS (IBC 1008.1.9)
 - EXIT SIGNAGE (IBC 1011.1)
 - FLOOR IDENTIFICATION (IBC 1022.8)
 - ACCESSIBILITY ELEMENTS AND DIRECTIONAL SIGNAGE (IBC 1110)
 - ELEVATOR EMERGENCY SIGNS (IBC 3002.3)
- D. OREGON FIRE CODE - BASED ON THE INTERNATIONAL FIRE CODE (IFC)
- NO SMOKING (IFC 310.3)
 - PREMISES IDENTIFICATION (IFC 505.1)
 - FIRE PROTECTION EQUIPMENT SIGNS (IFC 509.1)
 - ELECTRICAL CONTROL ROOMS (IFC 605.3.1)
 - FIRE DOORS (IFC 703.2.1)
 - FIRE DEPARTMENT CONNECTIONS (IFC 912.4)

ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS, TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES, UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE.

EXISTING, NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S) OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS PROJECT SCOPE INCLUDE:

- NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE (ODOT - STANDARDS FOR ACCESSIBLE PARKING - 2018)
- REPLACEMENT OF DOUBLE LEAF DOORS INTO EXISTING COMMONS WITH NEW DOORS TO PROVIDE MINIMUM 32" CLEARANCE AT DOOR OPENINGS (404.2 - MANUAL DOORS)
- REMOVAL OF DOOR LEAVES AT EXISTING STUDENT RESTROOMS (404.2 - MANUAL DOORS)
- INSTALLATION OF STAIR LEVEL IDENTIFICATION SIGNAGE AT EXISTING STAIRWAYS WITHIN THE ALTERED AREA (504.9)
- REPLACEMENT OF EXISTING DRINKING FOUNTAINS WITH NEW ADA COMPLIANT SPLIT DRINKING FOUNTAINS (602.5)

FOLLOWING COMPLETION OF THIS PROJECT, NO ADDITIONAL BARRIERS ARE KNOWN WITHIN THE PROJECT AREA SUBJECT TO ORS 447.241.

NOTE THAT THE EXISTING STAFF RESTROOMS ON THE GROUND FLOOR ARE CONSIDERED COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT TITLE III - SAFE HARBOR EXCEPTION FOR MEETING THE REQUIREMENTS OF ANSI A117.1:1991 AS MODIFIED AND CODIFIED BY CHAPTER 11 OF THE 1990 OSSC. THESE RESTROOMS ARE CONNECTED BY A COMPLIANT ACCESSIBLE ROUTE FROM ALL ALTERED AREAS WITHIN THIS PROJECT.

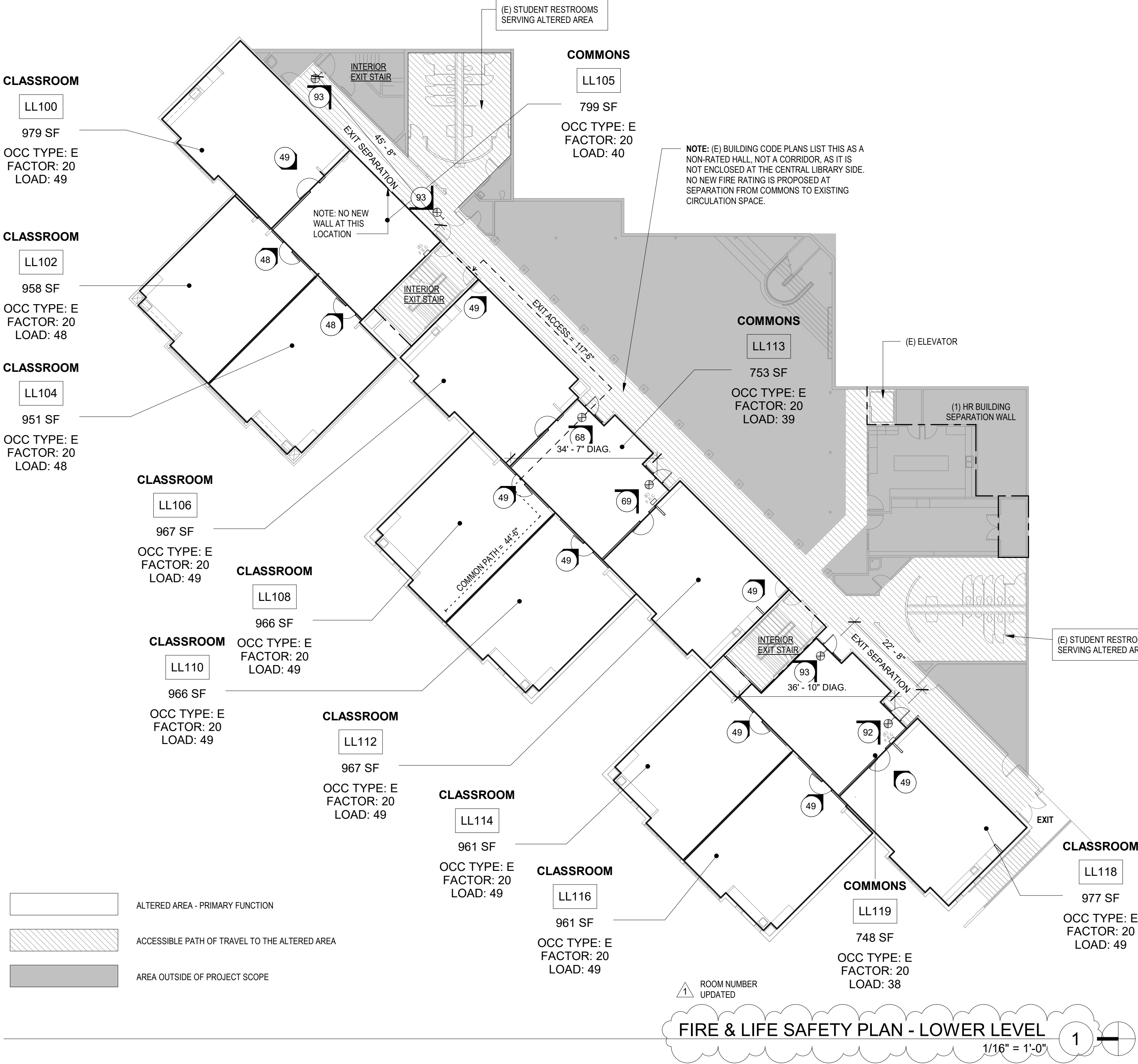
- ALTERED AREA - PRIMARY FUNCTION
- ACCESSIBLE PATH OF TRAVEL TO THE ALTERED AREA
- AREA OUTSIDE OF PROJECT SCOPE

ROOM NUMBER
UPDATED

FIRE & LIFE SAFETY PLAN - MAIN LEVEL

1/16" = 1'-0"

1



ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS, TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES, UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE.

EXISTING, NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S) OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS PROJECT SCOPE INCLUDE:

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- REPLACEMENT OF DOUBLE LEAF DOORS INTO EXISTING COMMONS WITH NEW DOORS TO PROVIDE MINIMUM 32" CLEARANCE AT DOOR OPENINGS (404.2 - MANUAL DOORS)
- REMOVAL OF DOOR LEAVES AT EXISTING STUDENT RESTROOMS (404.2 - MANUAL DOORS)
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CODE REQUIRED SIGANCE

- PROVIDE REQUIRED CODE REQUIRED SIGNAGE AS PRESCRIBED BY THE OREGON STRUCTURAL SPECIALTY CODE AND THE INTERNATIONAL FIRE CODE. COORDINATE LOCATION WITH ARCHITECT AND AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION.
- THE FOLLOWING ITEMS ARE TYPICALLY PROVIDED BY THE GENERAL CONTRACTOR, BUT MAY NOT EXHAUSTIVE OF ALL UNIQUE PROJECT REQUIREMENTS. COORDINATE EXTENT OF CODE REQUIRED SIGNAGE WITHIN THIS PROJECT WITH ARCHITECT OF RECORD PRIOR TO SUBSTANTIAL COMPLETION.
- OREGON SPECIALTY STRUCTURAL CODE - BASED ON THE INTERNATIONAL BUILDING CODE (IBC)

- OCCUPANT LOAD (1004.3)
- TWO-WAY COMMUNICATION DEVICES (IBC 1007.8.2)
- AREAS OF REFUGE (IBC 1007.9)
- DELAYED EMERGENCY EXIT DOORS (IBC 1008.1.9)
- KEY LOCKS ON EGRESS SIDE OF DOORS (IBC 1008.1.9)
- EXIT SIGNAGE (IBC 1011.1)
- FLOOR IDENTIFICATION (IBC 1022.8)
- ACCESSIBILITY ELEMENTS AND DIRECTIONAL SIGNAGE (IBC 1110)
- ELEVATOR EMERGENCY SIGNS (IBC 3002.3)

- OREGON FIRE CODE - BASED ON THE INTERNATIONAL FIRE CODE (IFC)

- NO SMOKING (IFC 310.3)
- PREMISES IDENTIFICATION (IFC 505.1)
- FIRE PROTECTION EQUIPMENT SIGNS (IFC 509.1)
- ELECTRICAL CONTROL ROOMS (IFC 605.3.1)
- FIRE DOORS (IFC 703.2.1)
- FIRE DEPARTMENT CONNECTIONS (IFC 912.4)

RATED ASSEMBLIES

- WHERE RATED ASSEMBLIES ARE SHOWN ON THE FLS PLAN, PROVIDE A UL OR GA LISTED RATED ASSEMBLY TO MEET THE FIRE RATING REQUIREMENTS TO THE ARCHITECT FOR REVIEW.
- PROVIDE A UL OR GA LISTED PERIMETER JOINT ASSEMBLY AND THROUGH PENETRATION FIRE STOP ASSEMBLY MEETING THE FIRE RATED REQUIREMENT OF THE WALL, FLOOR/CEILING OR ROOF ASSEMBLY SHOWN ON THE FLS PLANS.
- PROVIDE A SUBMITTAL CUTSHEET TO THE ARCHITECT OF EACH SELECTED FIRE RESISTANT ASSEMBLY PRIOR TO INSTALLATION.

EMERGENCY LIGHTING REQUIREMENTS

- MEANS OF EGRESS, INCLUDING EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE IS SERVED BY THE MEANS OF EGRESS.
- PROVIDE MINIMUM 1 FOOT-CANDLE OF ILLUMINATION AT ALL MEANS OF EGRESS. THE POWER SUPPLY FOR THE MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE BUILDING'S ELECTRICAL SUPPLY. IN THE EVENT OF A POWER FAILURE, THE EMERGENCY POWER SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH 2015 IBC SECTION 2702 AND 2015 IBC SECTION 1006.
- PRIOR TO FINAL INSPECTION, SUBMIT DOCUMENTATION SUBSTANTIATING THE COMPLETION OF TEST FOR THE MEANS OF EGRESS ILLUMINATION LEVEL PER 2015 IBC 1008.2.1, 1008.3 AND EMERGENCY POWER PER 1008.3.5.

FIRE LIFE SAFETY (BY GENERAL CONTRACTOR)

THE FOLLOWING ITEMS ARE FIRE LIFE SAFETY REQUIREMENTS TO BE COMPLETED BY THE GENERAL CONTRACTOR. PROVIDE THE APPROPRIATE SUBMITTAL TO THE ARCHITECT FOR REVIEW AND COORDINATION PRIOR TO SUBMITTING TO THE AUTHORITY HAVING JURISDICTION.

DELEGATED DESIGN SUBMITTALS/PERMITS

- ITEMS LISTED AS A DEFERRED SUBMITTAL OR DESIGN BUILD ITEMS ON SHEET G001 REQUIRE ENGINEERING TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- PROVIDE A COMPLETE AND ENGINEERED SYSTEM TO MEET THE DESIGN INTENT CONTAINED WITHIN THESE CONTRACT DOCUMENTS. PROVIDE A SUBMITTAL TO THE ARCHITECT FOR REVIEW OF DESIGN INTENT CONFORMANCE ONLY. THIS REVIEW DOES NOT CONSTITUTE A PROFESSIONAL PEER REVIEW OF THE SYSTEMS SUBMITTED.
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- ADDITIONAL DEFERRED SUBMITTAL OR PERMIT FEES TO BE PAID BY THE GENERAL CONTRACTOR.

CODE SUMMARY

APPLICABLE CODES

2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC)
2019 OREGON ZERO ENERGY READY COMMERCIAL CODE (OSSC CHAPTER 13)
2019 OREGON MECHANICAL SPECIALTY CODE (OMSC)
2017 OREGON PLUMBING SPECIALTY CODE (OPSC)
2017 OREGON ELECTRICAL SPECIALTY CODE (OESC)
2019 OREGON FIRE CODE
(TUALATIN VALLEY FIRE AND RESCUE FIRE CODE APPLICATION GUIDE 3.4R)
ICC/ANSI A117.1 - 2009

CITY OF BEAVERTON MUNICIPAL CODE

CONSTRUCTION TYPE & USE (CHAPTERS 3.4 & 5)

BUILDING OCCUPANCY: E (EDUCATION)
CONSTRUCTION TYPE: V-B (SPRINKLERED)
STORIES: 2 ABOVE GRADE
SEPARATION: NON-SEPARATED

FIRE-RESISTANT RATING REQUIREMENTS (CHAPTER 6)

PRIMARY STRUCTURAL FRAME: 0 HOURS
BEARING WALLS:
EXTERIOR: 0 HOURS
INTERIOR: 0 HOURS
NON BEARING WALLS AND PARTITIONS:
EXTERIOR: SEE SHELL FLS PLANS
INTERIOR: 0 HOUR
FLOOR CONSTRUCTION: 0 HOURS
ROOF CONSTRUCTION: 0 HOURS

INTERIOR FINISHES (CHAPTER 8)

ALL INTERIOR AND CEILING FINISH MATERIALS TO BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723 AND MEET THE FOLLOWING SMOKE-DEVELOPED INDEXES AS REQUIRED BY TABLE 803.9 BELOW.

INTERIOR EXIT STAIRWAYS, EXIT RAMPS AND EXIT PASSAGEWAYS: CLASS A
CORRIDORS AND ENCLOSURES FOR EXIT STAIRWAYS AND RAMPS: CLASS B
ROOMS AND ENCLOSED SPACES: CLASS C

MEANS OF EGRESS (CHAPTER 10)

1006.2.1 NUMBER OF EXITS: MORE THAN ONE EXIT IS REQUIRED FROM EACH TENANT SUITE IF THE OVERALL OCCUPANT LOAD IS GREATER THAN 49

1006.2.1 COMMON PATH OF EGRESS TRAVEL: THE MAXIMUM COMMON PATH OF EGRESS TRAVEL FOR OCCUPANCY GROUPS E SHALL NOT BE MORE THAN 75 FEET WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1

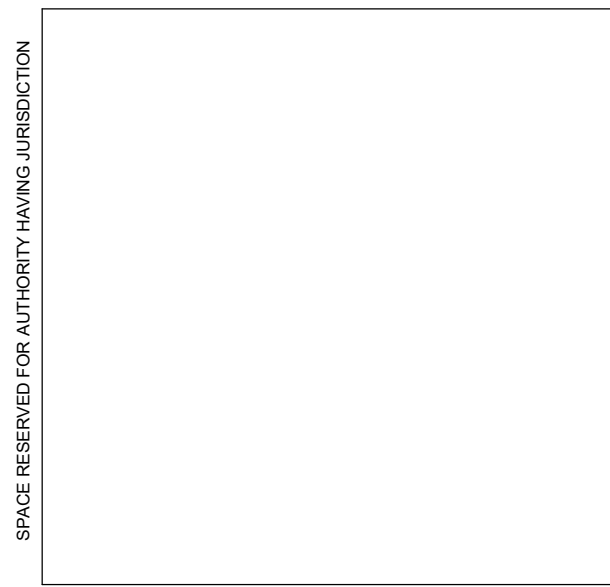
1007.1.1 EXIT DISTANCE: WHERE TWO EXITS ARE REQUIRED, THE SEPARATION DISNACE SHALL NOT BE LESS THAN 1/3RD THE DIAGONAL WITH AN AUTOMATIC SPRINKLER SYSTEM.

1016.2 EXIT TRAVEL DISTANCE: MAXIMUM TRAVEL DISTANCE FOR OCCUPANCY E, SPRINKLERED: 250'

LEGEND - FLS PLANS

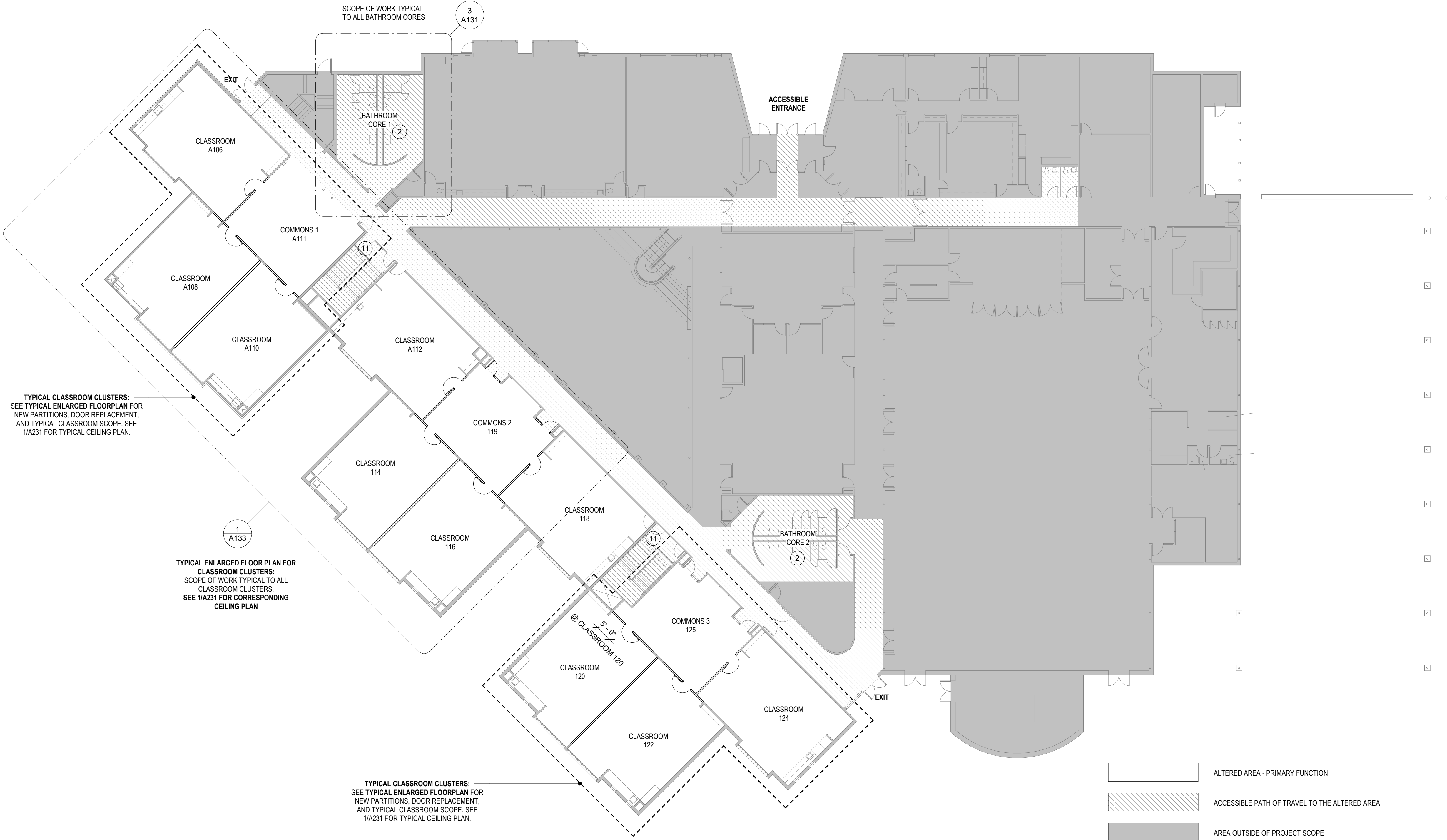
NOTE: PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS INDICATED BELOW:

- 1/2 HOUR FIRE PARTITION - 20 MINUTE DOOR
- 1 HOUR FIRE PARTITION - 45 MINUTE DOOR
- 1 HOUR FIRE BARRIER - 60 MINUTE DOOR
- 2 HOUR FIRE BARRIER - 90 MINUTE DOOR
- 3 HOUR FIRE BARRIER - 20 MINUTE DOOR
- EGRESS PATH OF TRAVEL WITH MINIMUM CLEARANCE WIDTH INDICATED. PROVIDE MINIMUM ILLUMINATION FOR EXITING.
- COMMON PATH OF EGRESS TRAVEL (OSSC 1014.3)
- EXIT ACCESS DISTANCE (OSSC 1016)
- OCCUPANT LOAD AT OPENING
- CUMMALTIVE OCCUPANT LOAD AT OPENING
- LIGHTED EXIT SIGN - CEILING MOUNTED
SHADING INDICATES LIGHTED FACE(S). DIRECTION ARROW CORRESPONDS TO DIRECTION ARROW ON SIGN
- LIGHTED EXIT SIGN - WALL MOUNTED
- FIRE EXTINGUISHER CABINET - COORDINATE LOCATION WITH FIRE MARSHAL



GENERAL NOTES - FLOOR PLAN

- REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
- REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.
- DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES PARTICULARLY OF STATED INTERIOR CLEAR DIMENSIONS.
- WHERE DIMENSIONS ARE LISTED AS 'CRITICAL CLEAR' THESE DIMENSIONS MUST ABSOLUTELY BE HELD FOR ADA OR EGRESS COMPLIANCE. DIMENSIONS LISTED WITH '1/2" TYPICALLY HAVE SOME CONSTRUCTION TOLERANCE.
- PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
- ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWC1 STANDARDS.
- PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.



TYPICAL CLASSROOM CLUSTERS:
SEE TYPICAL ENLARGED FLOORPLAN FOR
NEW PARTITIONS, DOOR REPLACEMENT,
AND TYPICAL CLASSROOM SCOPE. SEE
1/A231 FOR TYPICAL CEILING PLAN.

TYPICAL ENLARGED FLOOR PLAN FOR
CLASSROOM CLUSTERS:
SCOPE OF WORK TYPICAL TO ALL
CLASSROOM CLUSTERS.
SEE 1/A231 FOR CORRESPONDING
CEILING PLAN

TYPICAL CLASSROOM CLUSTERS:
SEE TYPICAL ENLARGED FLOORPLAN FOR
NEW PARTITIONS, DOOR REPLACEMENT,
AND TYPICAL CLASSROOM SCOPE. SEE
1/A231 FOR TYPICAL CEILING PLAN.

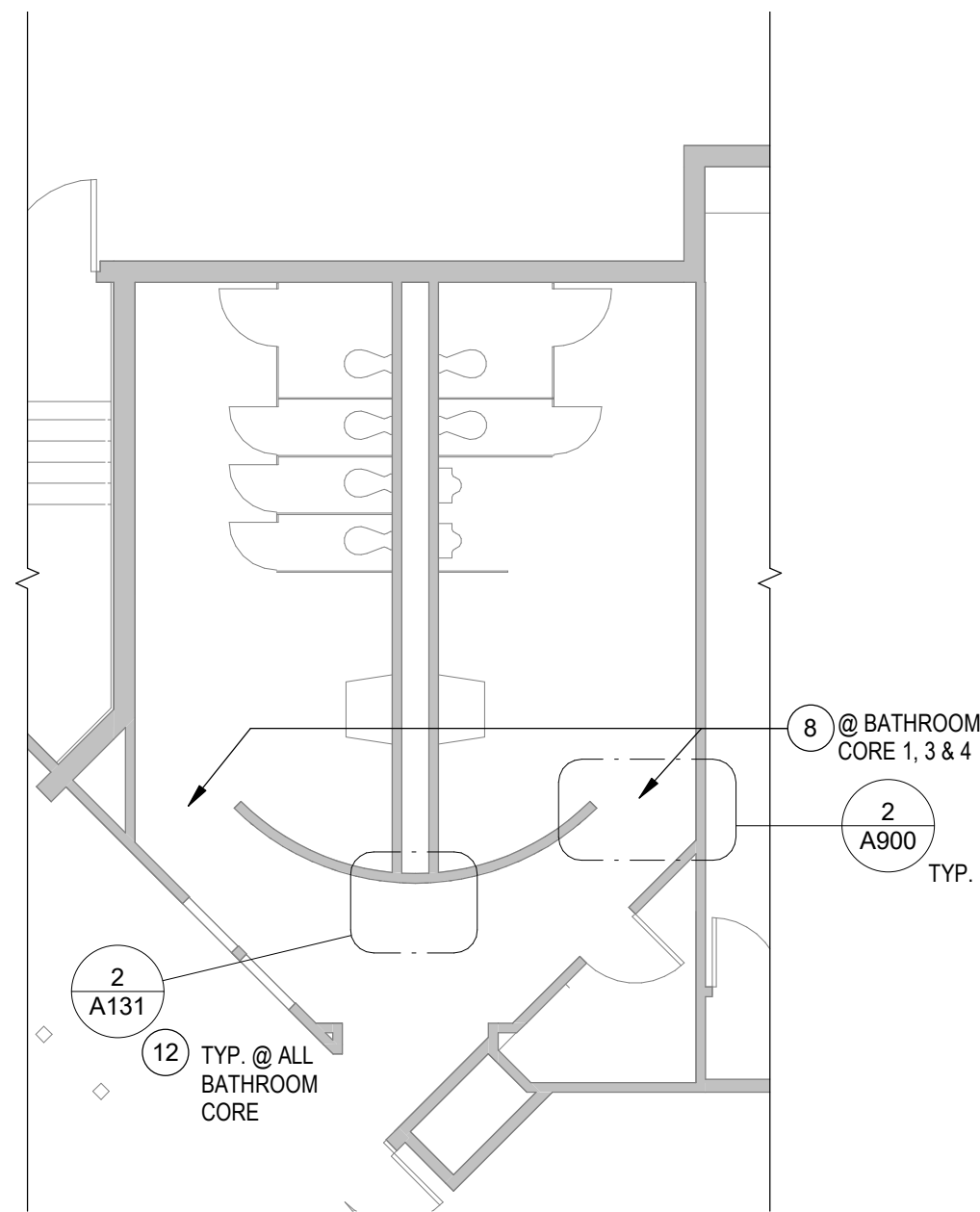
- ALTERED AREA - PRIMARY FUNCTION
- ACCESSIBLE PATH OF TRAVEL TO THE ALTERED AREA
- AREA OUTSIDE OF PROJECT SCOPE

FLOOR PLAN - MAIN LEVEL

1/16" = 1'-0"

1

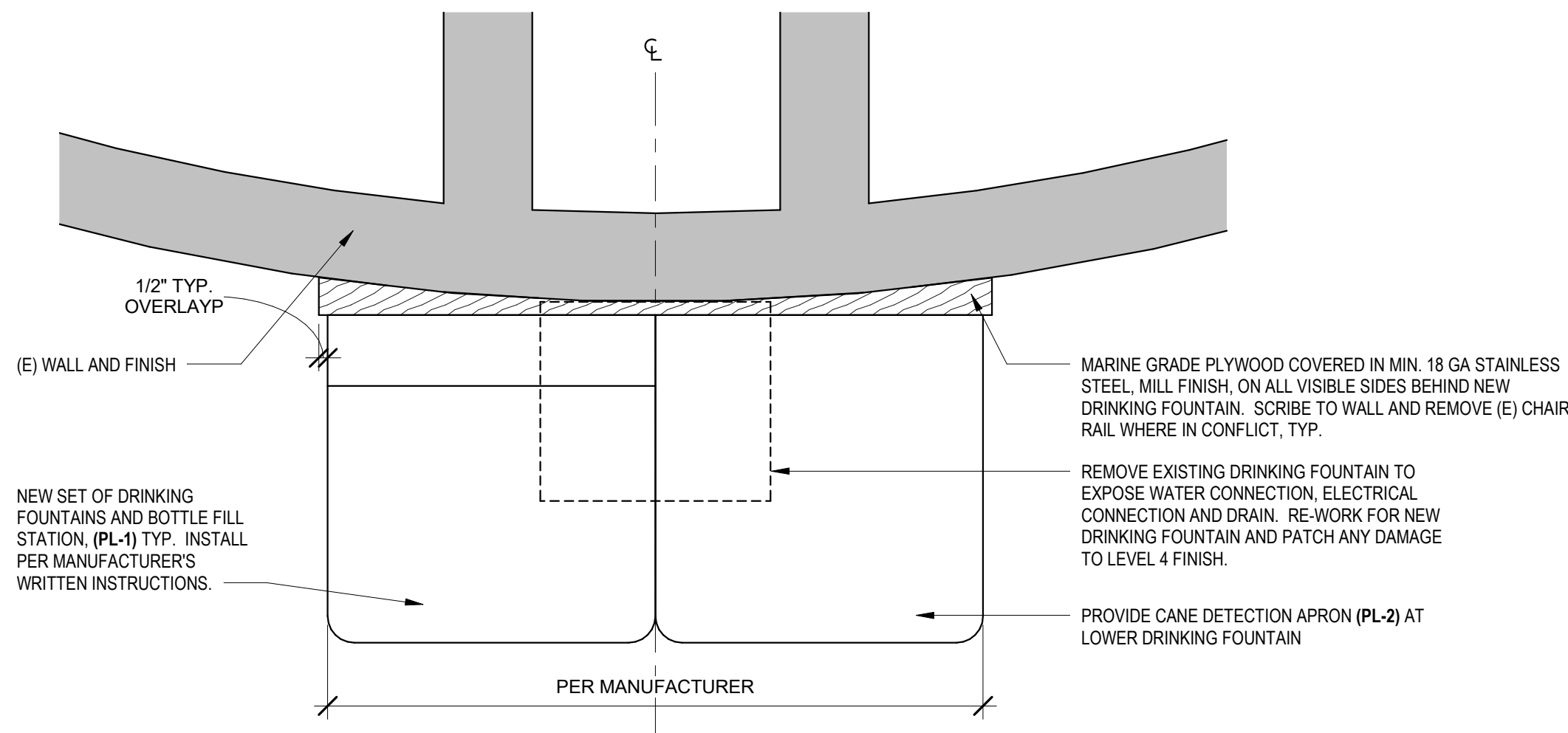
ROOM NUMBER
UPDATED



TYPICAL RESTROOM PLAN

1/8" = 1'-0"

3



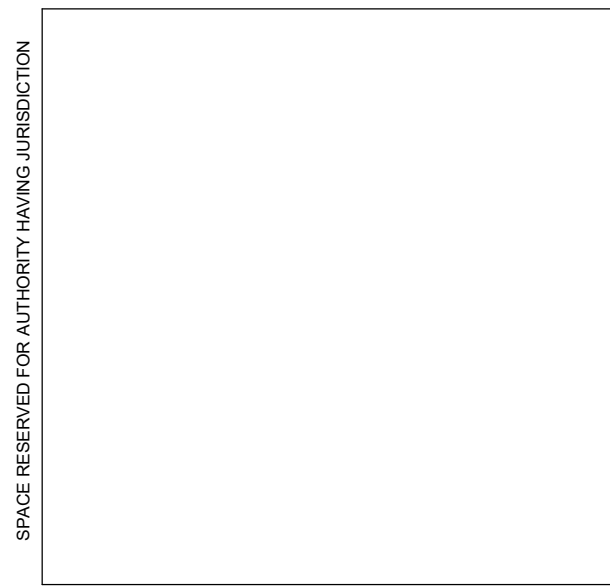
DRINKING FOUNTAIN - BLOCKING

1 1/2" = 1'-0"

2

KEYED NOTES - PROJECT SCOPE

- ALIGN F.O. FINISHES, TYP.
- SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WITHIN THIS AREA.
- PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL.
- EXISTING OPERABLE PARTITION. GC TO RECYCLE IF POSSIBLE. EXISTING HEADTRACK TO REMAIN. FIELD VERIFY HEADTRACKS PRIOR TO INSTALLATION OF NEW PARTITION.
- PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD (CFCI) ALONG ENTIRE LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL.
- REMOVE (E) DOOR AND HARDWARE. SEE TYPICAL DETAIL FOR PATCH AND PAINT REQUIREMENTS.
- PROVIDE STAIR LEVEL IDENTIFICATION SIGN IN RAISED CHARACTERS AND BRAILLE TO MEET THE REQUIREMENTS OF 2009 ICC A117.1 504.9 AT EACH FLOOR LEVEL LANDING ADJACENT OF THE DOOR LEADING FROM THE STAIRWELL INTO THE CORRIDOR TO IDENTIFY THE FLOOR LEVEL. PROVIDE ADDITIONAL SIGN AT STAIRWELL EXIT DOOR STATING 'EXIT'. SIGNS TO MATCH EXISTING CODE REQUIRED SIGNAGE FOR COLOR, SIZE AND FONT WITHIN THE BUILDING.
- REPLACE EXISTING DRINKING FOUNTAIN WITH NEW MULTI SPLIT DRINKING FOUNTAIN. PATCH AND REPAIR FINISHES DAMAGED BY REMOVAL OF THE EXISTING DRINKING FOUNTAIN NOT CONCEALED BY THE NEW FOUNTAIN. SEE PL-1 FOR FIXTURE.
- PROVIDE TRAFFIC COATING 'NO PARKING' MARKING AT EXISTING ADA ACCESS AISLE.
- PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL. SEE SITE PLAN FOR TYPICAL SCOPE.
- INSTALL OWNER PROVIDED ROOM SIGANCE, TYP.
- INSTALL NEW 3'x3'x48\"/>



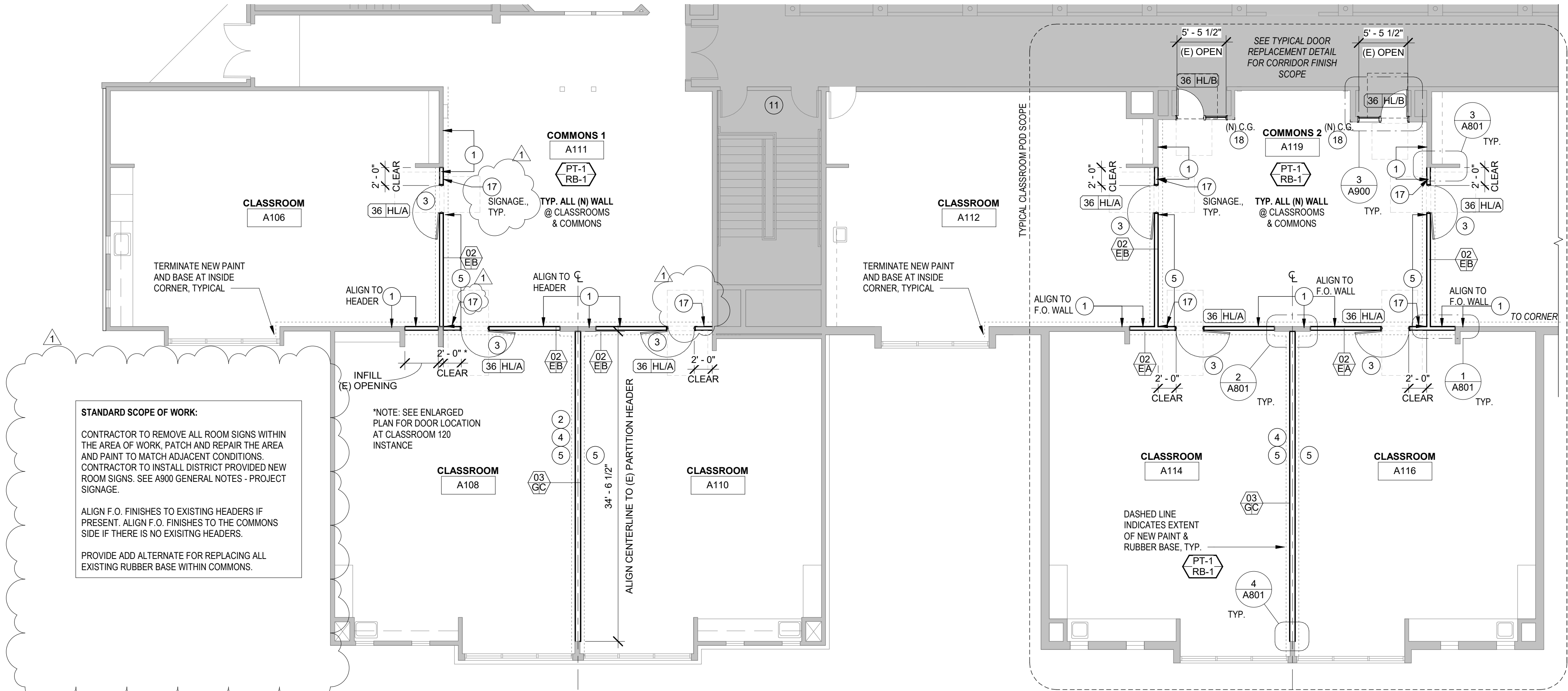
GENERAL NOTES - FLOOR PLAN

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
- C. REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- D. REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.
- E. DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES PARTICULARY OF STATED INTEIOR CLEAR DIMENSIONS.
- F. WHERE DIMENSIONS ARE LISTED AS 'CRITICAL CLEAR' THESE DIMENSIONS MUST ABSLUTELY BE HELD FOR ADA OR EGRESS COMPLIANCE. DIMENSIONS LISTED WITH '4/-' TYPICALLY HAVE SOME CONSTRUCTION TOLERANCE.
- G. PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
- H. ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWC1 STANDARDS.
- I. PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.



KEYED NOTES - PROJECT SCOPE

| | |
|----|--|
| 1 | ALIGN F.O. FINISHES, TYP. |
| 2 | SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WITHIN THIS AREA. |
| 3 | PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL. |
| 4 | EXISTING OPERABLE PARTITION. GC TO RECYCLE IF POSSIBLE. EXISTING HEADTRACK TO REMAIN. FIELD VERIFY HEADTRACKS PRIOR TO INSTALLATION OF NEW PARTITION. |
| 5 | PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD (CFCI) ALONG ENTIRE LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL. |
| 6 | REMOVE (E) DOOR AND HARDWARE. SEE TYPICAL DETAIL FOR PATCH AND PAINT REQUIREMENTS. |
| 11 | PROVIDE STAIR LEVEL IDENTIFICATION SIGN IN RAISED CHARACTERS AND BRAILLE TO MEET THE REQUIREMENTS OF 2009 ICC A117.1 504.9 AT EACH FLOOR LEVEL LANDING ADJACENT OT THE DOOR LEADING FROM THE STAIRWELL INTO THE CORRIDOR TO IDENTIFY THE FLOOR LEVEL. PROVIDE ADDITIONAL SIGN AT STAIRWELL EXIT DOOR STATING 'EXIT'. SIGNS TO MATCH EXISTING CODE REQUIRED SIGNAGE FOR COLOR, SIZE AND FONT WITHIN THE BUILDING. |
| 12 | REPLACE EXISTING DRINKING FOUNTAIN WITH NEW MULTI SPLIT DRINKING FOUNTAIN. PATCH AND REPAIR FINISHES DAMAGED BY REMOVAL OF THE EXISTING DRINKING FOUNTAIN NOT CONCEALED BY THE NEW FOUNTAIN. SEE PL-1 FOR FIXTURE. |
| 13 | PROVIDE TRAFFIC COATING 'NO PARKING' MARKING AT EXISTING ADA ACCESS AISLE. |
| 14 | PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL. SEE SITE PLAN FOR TYPICAL SCOPE. |
| 17 | INSTALL OWNER PROVIDED ROOM SIGANGE, TYP. |
| 18 | INSTALL NEW 3'x3'x48" STAINLESS STEEL CORNER GUARD ABOVE WALL BASE, MECHANICALLY FASTENED. |

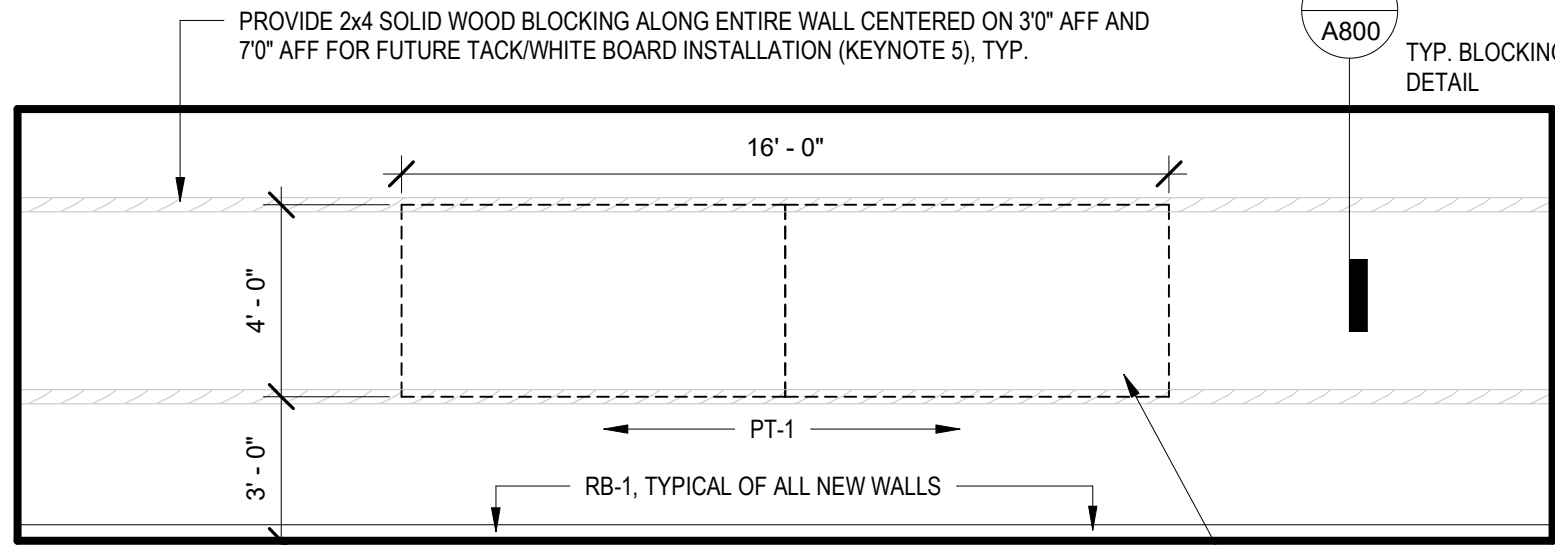


STANDARD SCOPE OF WORK:
CONTRACTOR TO REMOVE ALL ROOM SIGNS WITHIN THE AREA OF WORK, PATCH AND REPAIR THE AREA AND PAINT TO MATCH ADJACENT CONDITIONS. CONTRACTOR TO INSTALL DISTRICT PROVIDED NEW ROOM SIGNS. SEE A900 GENERAL NOTES - PROJECT SIGNAGE.
ALIGN F.O. FINISHES TO EXISTING HEADERS IF PRESENT. ALIGN F.O. FINISHES TO THE COMMONS SIDE IF THERE IS NO EXISTING HEADERS.
PROVIDE ADD ALTERNATE FOR REPLACING ALL EXISTING RUBBER BASE WITHIN COMMONS.

ENLARGED PLAN - TYPICAL CLASSROOM

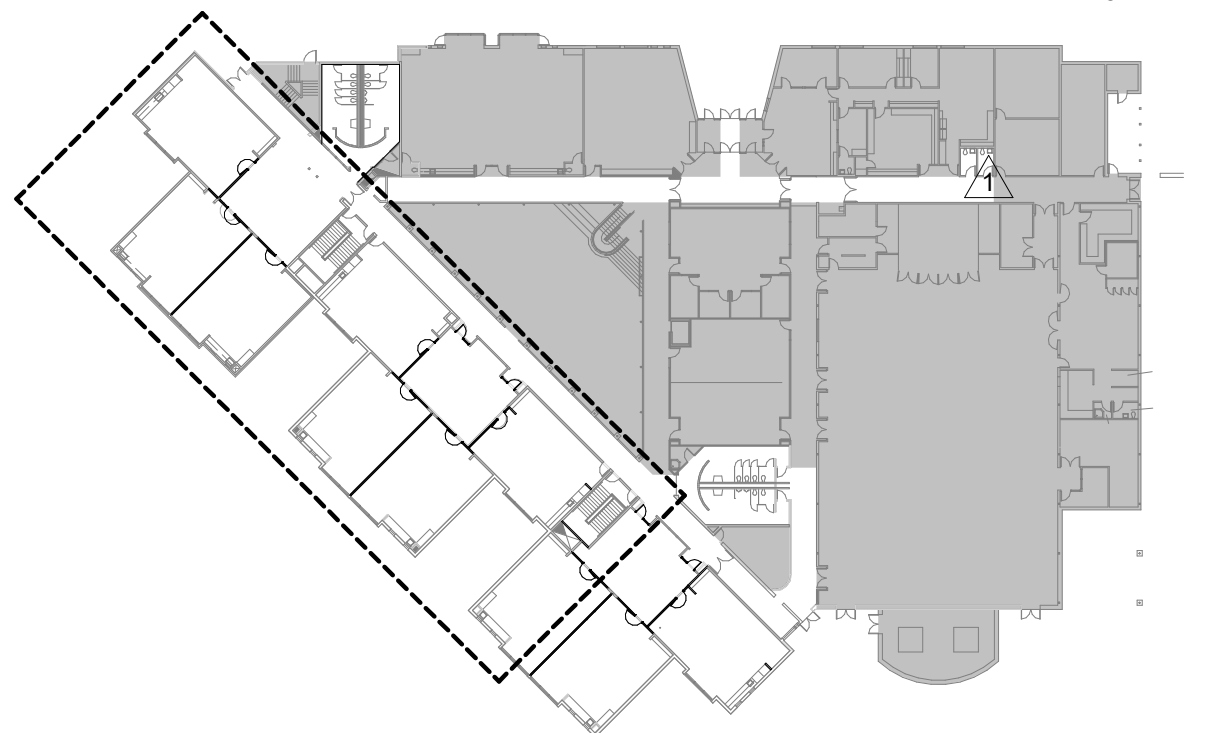
1/8" = 1'-0"

ROOM NUMBER
UPDATED



TYPICAL ELEVATION - CLASSROOM WALL

1/4" = 1'-0"



KEY PLAN

1" = 60'-0"

FINISH SCHEDULE

NOTE - INSTALL ALL FINISHES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

06 05 60 - PLASTIC LAMINATES

PLAM-1
MANUFACTURER: WILSONART
COLOR: D504 FOSSIL SHALE
FINISH: 60 MATTE
LOCATIONS: DOOR FRAME BOTTOM SPANDREL

PATIN COLOR NOTE:

GC TO COLOR MATCH EXISTING WALL COLORS AND PROVIDE PAINT DRAWINGS FOR ARCHITECT'S REVIEW.

- RUBBER BASE COLOR
GC TO COORDINATE FINAL COLOR SELECTION WITH ARCHITECT AND EXTENT OF REPAIR/REPLACEMENT. SEE SCOPE OF WORK FOR ADD ALTERNATE.

09 91 00 - PAINTS AND COATINGS

PT-1:
MANUFACTURER: RODDA PAINT
PRODUCT: UNIQUE II LOW-GLOSS (532001)
COLOR: QUEENS LAUGH (0915)
LOCATIONS: CLASSROOM WALL FINISH

PT-2:
MANUFACTURER: RODDA PAINT
PRODUCT: UNIQUE II LOW-GLOSS (532001)
COLOR: BUNNY CAKE (0012)
FINISH: LOW GLOSS EGGSHELL
LOCATIONS: CLASSROOM WALL AT COMMONS 1 AND 4

PT-3:
MANUFACTURER: RODDA PAINT
PRODUCT: UNIQUE II LOW-GLOSS (532001)
COLOR: HINT OF VANILLA (0001)
FINISH: LOW GLOSS EGGSHELL
LOCATIONS: HALLWAY WALLS

PT-4:
MANUFACTURER: RODDA PAINT
PRODUCT: MULTI MASTER DTM OR EQUAL
COLOR: MATCH PT-3
LOCATIONS: DOOR FRAME

09 65 00 - RESILIENT FLOORING & BASE

RB-1:
MANUFACTURER: FLEXCO
PRODUCT: WALLFLOWERS RUBBER COVE BASE
SIZE: 4"
COLOR: BLACK
LOCATIONS: AT WALLS WHERE NEW PAINT IS APPLIED, TYPICAL

RB-2:
MANUFACTURER: FLEXCO
PRODUCT: WALLFLOWERS RUBBER COVE BASE
SIZE: 4"
COLOR: DOE
LOCATIONS: CLASSROOM AT COMMONS 1 AND 4

PLUMBING SCHEDULE - 22 40 00

ALL FIXTURES TO BE ADA COMPLIANT MODELS

PL-1
DRINKING FOUNTAIN
MANUFACTURER: ELKAY
MODEL: EMABFTLWSLK
SOFT SIDES BI-LEVEL FOUNTAIN + BOTTLE FILL, NON-FILTERED
SIZE: TBD
LOCATION: REPLACEMENT TO EXISTING

NOTES: PROVIDE ADDITIONAL SOLID BLOCKING OR ELKAY BARRIER IF EXISTING BLOCKING IS NOT SUFFICIENT

PL-2
DRINKING FOUNTAIN - CANE APRON
MANUFACTURER: ELKAY
MODEL: 9813C

NOTES: COORDINATE WITH DRINKING FOUNTAIN MODEL, PROVIDE A HIGH SIDE ONLY

KEYED NOTES - PROJECT SCOPE

- ALIGN F.O. FINISHES, TYP.
- SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WITHIN THIS AREA.
- PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL.
- EXISTING OPERABLE PARTITION: GC TO RECYCLE IF POSSIBLE. EXISTING HEADTRACK TO REMAIN. FIELD VERIFY HEADTRACKS PRIOR TO INSTALLATION OF NEW PARTITION.
- PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD (CFCI) ALONG ENTIRE LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL.
- REMOVE (E) DOOR AND HARDWARE. SEE TYPICAL DETAIL FOR PATCH AND PAINT REQUIREMENTS.
- PROVIDE STAIR LEVEL IDENTIFICATION SIGN IN RAISED CHARACTERS AND BRAILLE TO MEET THE REQUIREMENTS OF 2009 ICC A117.1 504.9 AT EACH FLOOR LEVEL LANDING ADJACENT OT THE DOOR LEADING FROM THE STAIRWELL INTO THE CORRIDOR TO IDENTIFY THE FLOOR LEVEL. PROVIDE ADDITIONAL SIGN AT STAIRWELL EXIT DOOR STATING EXIT. SIGNS TO MATCH EXISTING CODE REQUIRED SIGNAGE FOR COLOR, SIZE AND FONT WITHIN THE BUILDING.
- REPLACE EXISTING DRINKING FOUNTAIN WITH NEW MULTI SPLIT DRINKING FOUNTAIN. PATCH AND REPAIR FINISHES DAMAGED BY REMOVAL OF THE EXISTING DRINKING FOUNTAIN NOT CONCEALED BY THE NEW FOUNTAIN. SEE PL-1 FOR FIXTURE.
- PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE.
- PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL. SEE SITE PLAN FOR TYPICAL SCOPE.
- INSTALL OWNER PROVIDED ROOM SIGNAGE, TYP.
- INSTALL NEW 3"x3"x48" STAINLESS STEEL CORNER GUARD ABOVE WALL BASE, MECHANICALLY FASTENED.

GENERAL NOTES - FLOOR PLAN

- REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
- REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.
- DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES PARTICULARLY OF STATED INTERIOR CLEAR DIMENSIONS.
- WHERE DIMENSIONS ARE LISTED AS 'CRITICAL CLEAR' THESE DIMENSIONS MUST ABSOLUTELY BE HELD FOR ADA OR EGRESS COMPLIANCE. DIMENSIONS LISTED WITH +/- TYPICALLY HAVE SOME CONSTRUCTION TOLERANCE.
- PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
- ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWC1 STANDARDS.
- PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

LEGEND - FLOOR PLANS

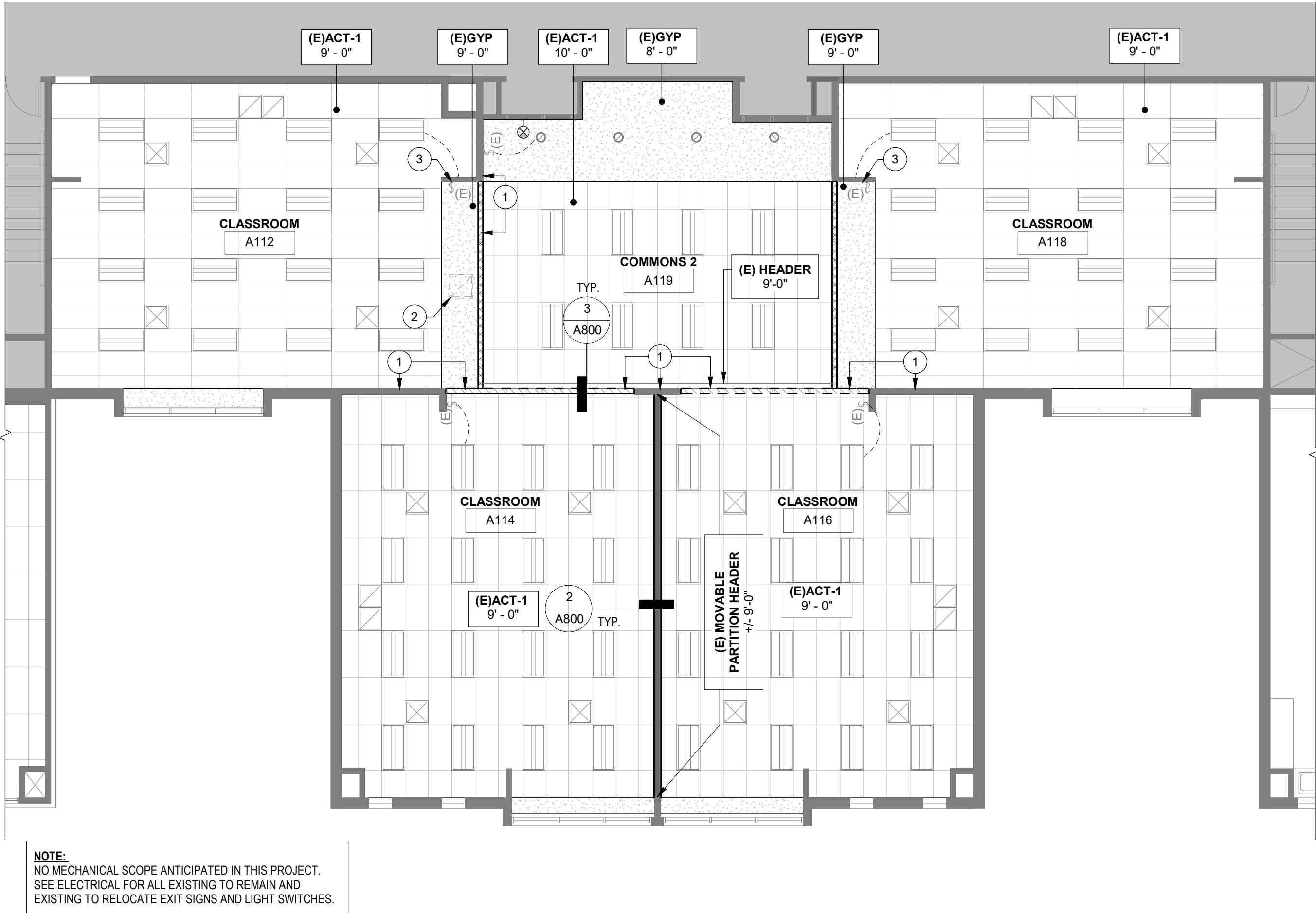
| | | | | |
|--|-----------------------------------|---|----------------------------|-------------------------|
| WALL TAG | DOOR TAG - UNIQUE | DOOR TAG - REPEATABLE | WINDOW TAG | KEY NOTE |
| WALL TYPE PER ASSEMBLY BRACING CONDITION STUD TYPE PER LEGEND | DOOR TAG - REFER TO DOOR SCHEDULE | DOOR & FRAME TYPE SEE SCHEDULE DOOR WIDTH | WINDOW TYPE - SEE SCHEDULE | KEY NOTE - SEE SCHEDULE |
| STUD SIZE LEGEND | | | | |
| A 7/8" FURRING CHANNEL B 1 1/2" FURRING 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 I 2 1/2" C-H SHAFT WALL STUD J 4" C-H SHAFT WALL STUD K 6" C-H SHAFT WALL STUD | | | | |
| BRACING CONDITION | | | | |
| A HEAD @ (E) ACT B HEAD @ (E) SOFFIT/HEADER C HEAD @ PARTITION TRACK | | | | |

LIGHTING AND CEILING MATERIALS - LEGEND

| | | | |
|--|---|---|--|
| FINISHES KEY. SEE FINISH SCHEDULE FOR TYPES | WALL BRACING KEY - REFER TO PARTITION DETAILS | CEILING TAG | LIGHTING & FIXTURE KEY. SEE SPECIFICATIONS AND ELEVATIONS FOR DETAILS |
| ACT-1: (24 x 48) GWB: (SEE TYPE) | COMPOSITE WALL TO PARTITION TRACK - SEE WALL DETAIL C/A800. BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800. BRACED WALL, BELOW TILE CEILING - SEE WALL DETAIL A/A800. EXISTING WALLS | CEILING TYPE - SEE SCHEDULE CEILING HEIGHT AFF EXISTING TROFFER FIXTURE - 2 x 4 | SWITCH LOCATION EXIT LIGHT (BATTERY BACKUP) - ARROW DESIGNATES DIRECTION OUTLET LOCATION - ABOVE 96" CEILING HVAC SYMBOLS. SEE MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILS |
| | | | NOTE: CONTRACTOR TO REPLACE CEILING TILE AND GRID TO THE EXTENT REQUIRED TO ACCOMMODATE NEW DUCT WORK. |
| | | | NEW RETURN GRILL EXISTING RETURN GRILL EXISTING SUPPLY DIFFUSER HVAC ELEMENT TO BE DEMOLISHED |

TYPICAL MECHANICAL DESIGN/BUILD SCOPE
NO HVAC MODIFICATIONS ARE ANTICIPATED FOR THIS SCHOOL. TEST AND BALANCE THE EXISTING SYSTEM FOLLOWING COMPLETION OF CLASSROOM ENCLOSURE.
REFER TO HVAC DD NARRATIVE FOR MORE INFORMATION AND SCHEMATIC SKETCH OF PROPOSED WORK

| KEYED NOTES - RCP | |
|-------------------|--|
| 1 | ALIGN FACE OF FINISH. |
| 2 | ADDITIONAL SCOPE: RELOCATE (E) RETURN GRILLE AS NECESSARY. GC TO CONFIRM WITH ARCHITECT ON EXTENT OF DEMOLITION, RELOCATION AND REPAIR OF HARDLID SOFFIT. ADJUST COLLAR AS NEEDED. |
| 3 | RELOCATE (E) LIGHT SWITCH FROM THIS LOCATION; SEE ELECTRICAL DRAWINGS |



TYPICAL ENLARGED CEILING PLAN
1/8" = 1'-0"
1
ROOM NUMBER
UPDATED

GENERAL NOTES - REFLECTED CEILING PLANS

- A. LIGHTING SHOWN IS FOR DESIGN INTENT ONLY. THE GENERAL CONTRACTOR IS REQUIRED TO PROVIDE A COMPLETE LIGHTING SYSTEM THAT MEETS ALL LOCAL REGULATORY CODES. REFER TO G001 FOR DESIGN BUILD REQUIREMENTS, G101 FOR EMERGENCY LIGHTING REQUIREMENTS AND THE LOCAL ENERGY CODE FOR DAYLIGHT ZONE REQUIREMENTS.
1. SPECIFICATION OF LUMENS AND/OR LIGHT LEVELS IS DESIGN/BUILD. IN GENERAL, PROVIDE LIGHT LEVELS TO MATCH THE ILLUMINATED ENGINEERING SOCIETY (IES) LIGHTING HANDBOOK RECOMMENDATIONS.
2. CONFIRM AND PROVIDE EMERGENCY EGRESS LIGHTING OF A MINIMUM 1 FC AT ALL TIMES ALONG EGRESS PATHS. COORDINATE SWITCHING, GENERATOR POWER OR BATTERY BACKUP OF ALL LIGHT FIXTURES.
- B. DESIGN REQUIREMENT FOR ALL CEILINGS MUST MEET THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE FOR SEISMIC CATEGORIES D, E & F, ASCE 7-02, OR 05, OR CISCA RECORDATION FOR SEISMIC ZONES 3 & 4 OR TO THE LOCAL REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. SEE GENERAL NOTES ON A810 FOR DESIGN REQUIREMENTS.
- C. COORDINATE ALL SWITCHING WITH OWNER FOR PREFERRED LOCATIONS.
1. ALL OFFICES AND INDIVIDUAL ROOMS TO BE SWITCHED INDEPENDENTLY. PROVIDE AN OCCUPANCY SENSOR TO ALL ENCLOSED ROOMS.
2. COORDINATE OPEN AREA SWITCHING WITH THE TENANT FOR PREFERRED LOCATIONS.
3. COORDINATE FINAL LOCATION OF PENDANTS WITH FURNITURE. VERIFY LOCATION WITH OWNER OR DESIGNER PRIOR TO FINAL PLACEMENT.
4. WHERE ACCENT LIGHTING IS DESIGNATED, SEPARATE SWITCHING IS PROPOSED AND DESIGNATED BY DASHED LINES WITHIN THIS DRAWING.
- D. CENTER ALL FIXTURES AND SPRINKLER HEADS WITHIN CEILING TILES, ALIGN RECESSED FIXTURES AND SPRINKLER SYSTEMS.
- E. CENTER ALL LIGHTING FIXTURES BETWEEN CEILING GRID OR ADJACENT WALLS, UNLESS INDICATED OTHERWISE.
- 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.
- G. WITHIN NON-ACT CEILINGS (I.E. HARDLID), PROVIDE THE FOLLOWING :
- SPRINKLER HEADS: FULLY CONCEALED, COLOR TO MATCH CEILING
HVAC GRILLS: LINEAR DIFFUSERS AND RETURNS
ACCESS PANELS: FULLY FLUSH RECESSED
- H. WHERE CEILINGS RECEIVE A FINISH OTHER THAN WHITE PAINT OR MANUFACTURER'S ACT, PROVIDE WALL MOUNTED STROBES, HORNS, EGRESS SIGNS OR OTHER CODE REQUIRED ITEMS.
- I. SEE SECTION 01 91 13 - GENERAL COMMISSIONING REQUIREMENTS FOR MECHANICAL AND CONTROL SCOPE TO BE COMMISSIONED.

LIGHTING AND CEILING MATERIALS - LEGEND

FINISHES KEY. SEE FINISH SCHEDULE FOR TYPES

| | | | |
|--|---------------------|--|--------------------|
| | ACT-1: (24 x 48) | | GWB: (SEE TYPE) |
|--|---------------------|--|--------------------|

WALL BRACING KEY - REFER TO PARTITION DETAILS

| | |
|--|---|
| | COMPOSITE WALL TO PARTITION TRACK - SEE WALL DETAIL C/A800. |
| | BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800. |
| | BRACED WALL, BELOW TILE CEILING - SEE WALL DETAIL A/A800. |
| | EXISTING WALLS |

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 | | EXISTING TROFFER FIXTURE - 2 x 4 | | EXISTING LINEAR PENDANT - 96" |
| | EXISTING RECESSED LIGHT | | THERMOSTAT SEE MECHANICAL | | EXIT LIGHT (BATTERY BACKUP) EXISTING |
| | SWITCH LOCATION | | NEW/RELOCATED | | OUTLET LOCATION - ABOVE 96" CEILING |
| | D = DIMABLE | | | | |
| | OS = OCCUPANCY SENSOR | | | | |
| | 3 = 3-WAY SWITCH | | | | |

HYVAC SYMBOLS. SEE MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILS

NOTE:
CONTRACTOR TO REPLACE CEILING TILE AND GRID TO THE EXTENT REQUIRED TO
ACCOMMODATE NEW DUCT WORK.

| | | | |
|--|------------------------|--|----------------------------------|
| | NEW RETURN GRILLE | | EXISTING SUPPLY DIFFUSER |
| | EXISTING RETURN GRILLE | | HVAC ELEMENT TO BE DEMOLISHED |

GENERAL NOTES - PROJECT SIGNAGE

- A. COORDINATE ALL SIGNAGE WITHIN THE PROJECT, INCLUDING CODE REQUIRED SIGNAGE, WITH EXISTING BUILDING SIGNAGE
- B. CODE REQUIRED SIGNAGE, SUCH AS STAIRWAY SIGNAGE AND ACCESSIBLE PARKING SIGNAGE, TO BE PROCURED AND INSTALLED BY THE GENERAL CONTRACTOR. PROVIDE DETAILED INFORMATION ON SIZE, FONT AND COLOR WITHIN A SUBMITTAL FOR ARCHITECT AND OWNER REVIEW.
- C. ROOM SIGNAGE IS OWNER FURNISHED AND CONTRACTOR INSTALLED. COORDINATE EXTENTS AND LOCATION WITH OTHER WALL MOUNTED ITEMS. PROVIDE AN ALLOWANCE FOR THE PATCH AND REPAIR OF EXISTING WALLS WHERE EXISTING SIGNAGE IS RELOCATED OR REPLACED.



EXISTING DOOR AT COMMONS, GENERAL CONTRACTOR TO MATCH RELITE AND WOOD GRAININGS.

OPENING - COMMONS DOOR REPLACEMENT

1 1/2" = 1'-0"

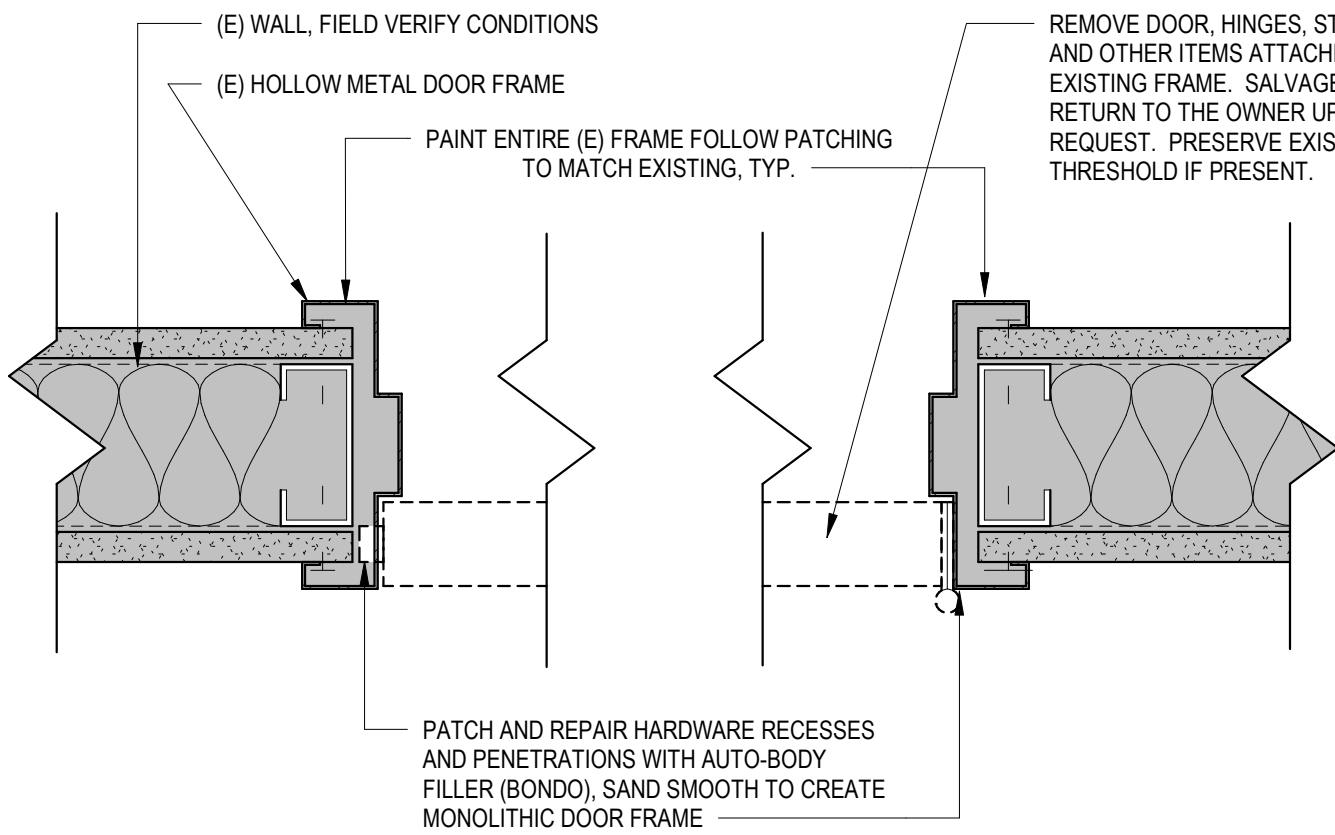
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| DOOR SCHEDULE | | | | | | | | | | | | | | | |
|-----------------------|-------|---------------|--------|-------|----------------|----------|--------|------------------|----------------|------|-----------|----------|--------|-------------------|---|
| DOORS DOOR TYPE | Count | FINISHED SIZE | | FRAME | | | | | | DOOR | | | | HARDWARE GROUP | NOTES |
| | | WIDTH | HEIGHT | TYPE | FIRE RATING | MATERIAL | FINISH | TRIM MATERIAL | TRIM FINISH | TYPE | THICKNESS | MATERIAL | FINISH | | |
| HL/A | 20 | 3'-0" | 7'-0" | A | N/A | HM | PT | STL | PT | HL | 1 3/4" | WD | TS | 2 | MATCH EXISTING CLASSROOM DOOR RELITE, GRAINING AND FINISH. PROVIDE NEW BLIND AT RELITE TO MATCH (E) BUILDING STANDRD. CONTRACTOR TO VERIFY THE FINAL DOOR COUNT. |
| HL/B | 6 | 3'-0" | 7'-0" | B | N/A | HM | PT | STL | PT | HL | 1 3/4" | WD | TS | 1 | DOOR PANEL BOD TRUDOOR NATURAL BIRCH FINISH - NUTMEG MATCH EXISTING CLASSROOM DOOR RELITE, GRAINING AND FINISH. PROVIDE NEW BLIND AT RELITE TO MATCH (E) BUILDING STANDRD. CONTRACTOR TO VERIFY THE FINAL DOOR COUNT. |
| | | | | | | | | | | | | | | | DOOR PANEL BOD TRUDOOR NATURAL BIRCH FINISH - NUTMEG |

OPENING - (E) FRAME REPAIR

3" = 1'-0"

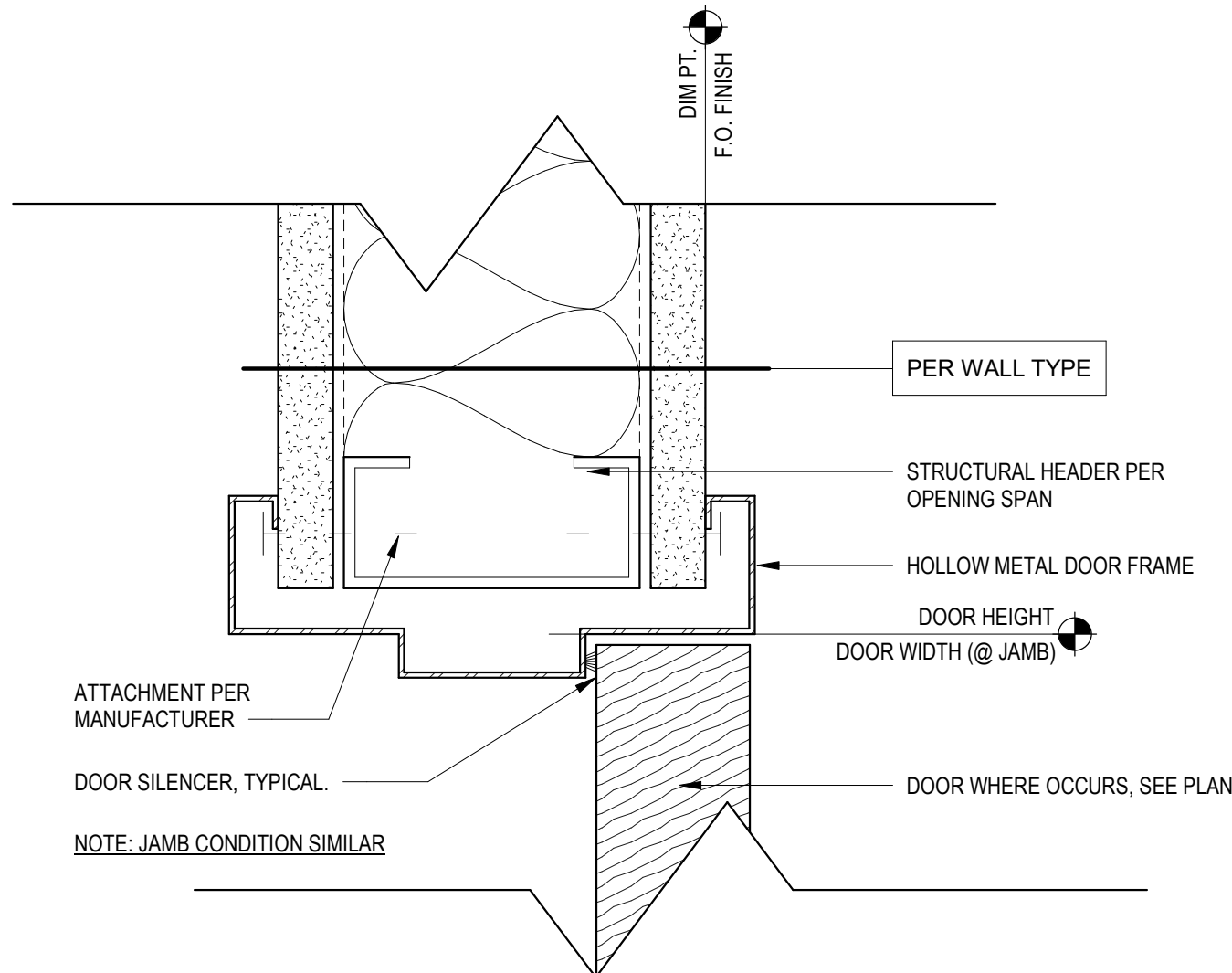
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OPENING - HEAD/JAMB - HOLLOW METAL

6" = 1'-0"

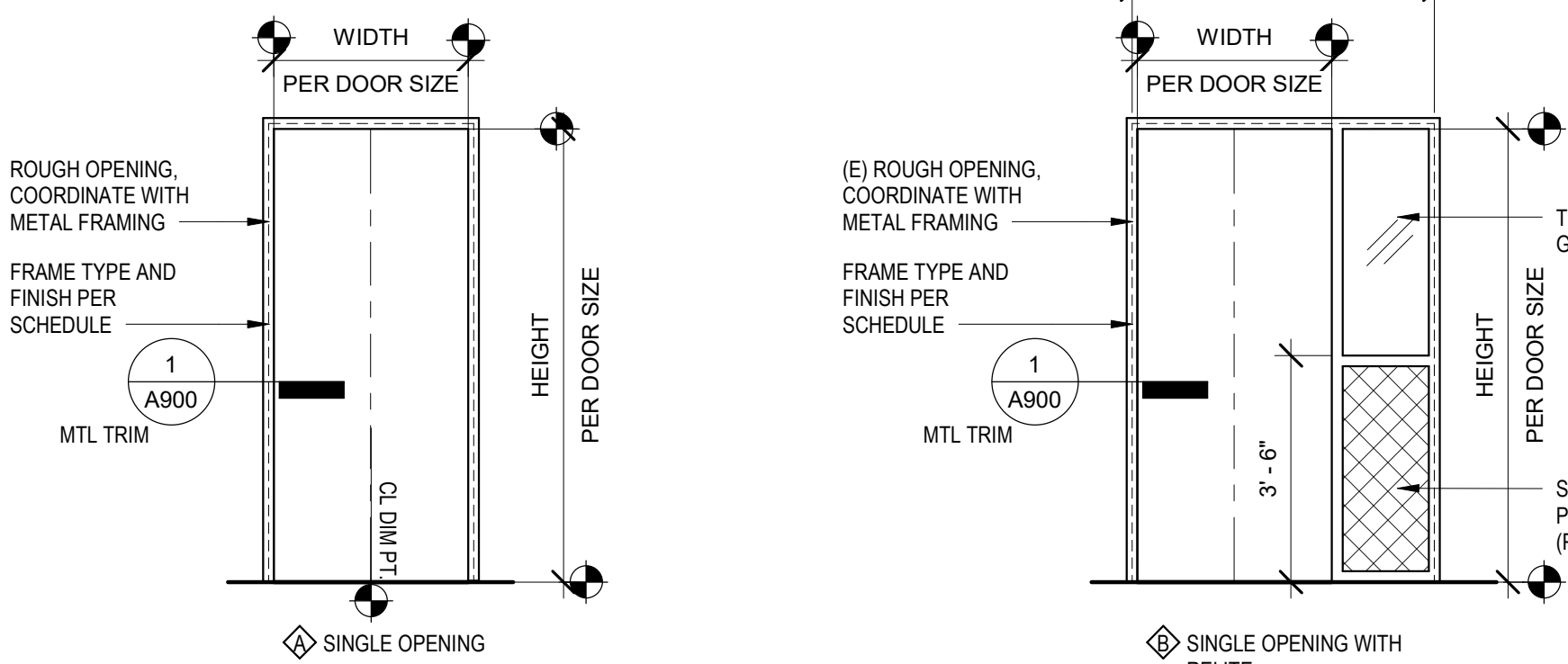
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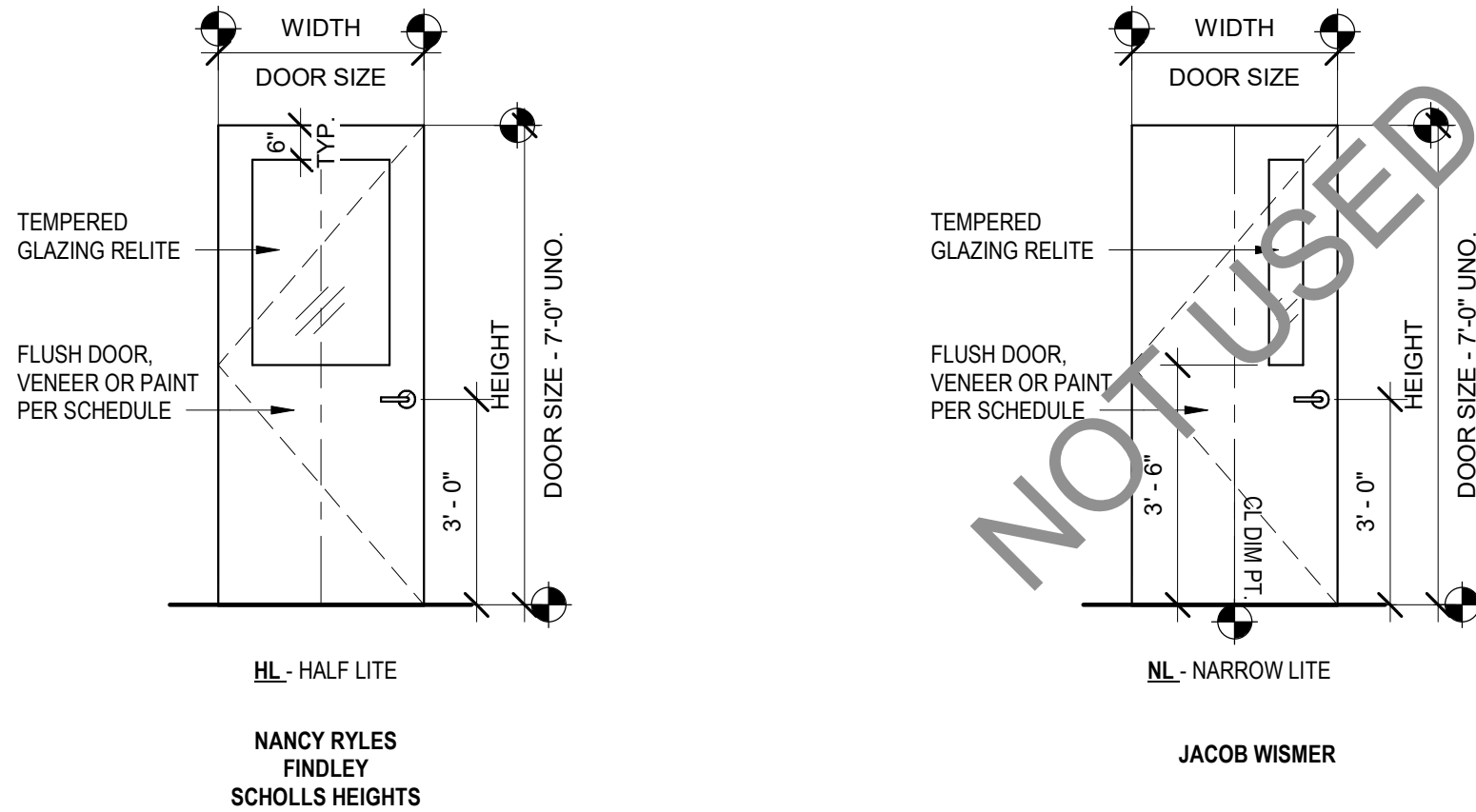
DOOR FRAME TYPES

3/8" = 1'-0"



DOOR TYPES

3/8" = 1'-0"



GENERAL NOTES - DOORS

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. DIMENSIONS SHOWN FOR DOORS AND WINDOWS ARE TYPICALLY FINISHED OPENING DIMENSIONS. COORDINATE ROUGH OPENING DIMENSIONS PER MANUFACTURER RECOMMENDATIONS WITH SELECTED OPENING.
- C. EXIT DOORS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR FORCE.
- D. THE MAIN EXIT TO DOOR TO HAVE SIGNAGE ABOVE THE DOOR READING "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."
- E. ALL NEW DOORS TO BE SOLID WOOD, PAINT GRADE UNLESS NOTED OTHERWISE.
- F. PROVIDE NEW ADA LEVER STYLE DOOR HARDWARE TO MATCH BUILDING STANDARD. (SCHLAGE 'ND', SERIES, RHODES STYLE)
- G. ALL NEW FRAMES TO BE FULLY WELDED UNLESS NOTED OTHERWISE. (CURRIES 16 GA.)
- H. PROVIDE TEMPERED GLAZING IN ALL DOORS AND RELITES UNLESS NOTED OTHERWISE.
- I. REFER TO ELEVATIONS FOR DOOR AND FRAME PAINT FINISH WHERE PAINT IS USED.

MATERIAL LEGEND

| | | | |
|-----|-----------------------|----------|-------------------------|
| (E) | EXISTING | WD | WOOD - SOLID CORE |
| GL | GLASS - TEMPERED | HC | WOOD - HOLLOW CORE |
| MDF | MDF - TRIM | MTL | METAL - SOLID CORE |
| MFR | MANUFACTURER'S FINISH | STL - KD | STEEL FRAME - KNOCKDOWN |
| PT | PAINT | 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 DESIGN DIRECTION BELOW.

ALL NEW HARDWARE TO BE SATIN CHROME (US26D), UNO.

DOOR FRAMES: CURRIES 16 GA FULLY WELDED - EQUAL RABBIT
LEVER HARDWARE SETS: SCHLAGE ND SERIES VANDL GARD, "RHODES"
CORES: SCHLAGE FULL SIZE INTERCHANGEABLE (FSC) CYLINDERS
HINGES: IES HW 4.5" X 4.5" NRP
PANIC BARS: VON DUPRIN EL 99 OR XP99
CLOSERS: LCN 4010 (INWARD SWING), LCN 4111 (OUTWARD SWING)
STOPS: B-HMA 626, IVES OR EQUAL
KICK PLATE: STAINLESS STEEL, FULL WIDTH

GROUP 1: COMMONS (PANIC HARDWARE)
(3) PAIR BUTTS - 4 1/2"
PANIC HARDWARE
CLOSER
WALL STOP TYPICAL UNO.
SILENCER
KICK PLATE

PROVIDE WINDOW TREATMENT/BLINDS AT DOOR
RELITE AND SIDELIGHT, TYPICAL

GROUP 2: CLASSROOM
(3) PAIR BUTTS - 4 1/2"
LEVER SET - "CLASSROOM" TYPE
WALL STOP TYPICAL UNO.
SILENCER
KICK PLATE

PROVIDE WINDOW TREATMENTS/
BLINDS AT DOOR RELITE, TYPICAL

MATCH EXISTING CLASSROOM DOOR RELITE, GRAINING AND FINISH. PROVIDE NEW BLIND AT RELITE TO MATCH (E) BUILDING STANDRD. CONTRACTOR TO VERIFY THE FINAL DOOR COUNT.

DOOR PANEL BOD
TRUDOOR NATURAL BIRCH FINISH - NUTMEG

| ABBREVIATIONS | | |
|--|---|-------|
| A | AMPERE (AMP) | KVAR |
| AAF | ABOVE ACCESS FLOOR | KW |
| ABF | AIRBLOWN FIBER | KWH |
| AC | ABOVE COUNTER | LEC |
| AFF | ABOVE FINISHED FLOOR | LED |
| AHJ | AUTHORITY HAVING JURISDICTION | LV |
| AIC | AMPS INTERRUPTING CURRENT | MATV |
| ALT | ALTERNATE | MCA |
| AN | ANALOG | MCB |
| ARCH | ARCHITECT / ARCHITECTURAL | MCC |
| ARM | ARMORED | MDF |
| ATS | AUTOMATIC TRANSFER SWITCH | MDP |
| AV | AUDIO VISUAL | MECH |
| AVC | AUDIO VISUAL CONTRACTOR | MH |
| BC | BONDING CONDUCTOR | MHz |
| BDF | BUILDING DISTRIBUTION FACILITY | MLO |
| BMS | BUILDING MANAGEMENT SYSTEM | MTS |
| BCC | BOTTOM OF CONDUIT | NORTH |
| BOCT | BOTTOM OF CABLE TRAY | NAC |
| C | CONDUIT | NIC |
| CATV | (CABLE TV) COMMUNITY ACCESS TELEVISION | OFCI |
| CB | CIRCUIT BREAKER | OFE |
| CCTV | CLOSED CIRCUIT TELEVISION | OFOI |
| CF | CELLULAR FLOOR | OSP |
| CKT | CIRCUIT | PA |
| CLG | CEILING | PB |
| CO | CENTRAL OFFICE | PE |
| CPE | CUSTOMER UNIVERSAL ENCLOSURE | PF |
| CT | CURRENT TRANSFORMER | PMV |
| CU | COPPER | PML |
| CUE | CONCRETE UNIVERSAL ENCLOSURE | PON |
| DAS | DISTRIBUTED ANTENNA SYSTEM | PPL |
| dB | DECIBEL | PVC |
| DB | DUCT BANK | PWR |
| DML | DOUBLE MAIN LUGS | R/W |
| DN | DOWN | RAD |
| E | EAST | RG |
| EQ | EQUAL DISTANT | S |
| EC | ELECTRICAL CONTRACTOR | SAA |
| EF | ENTRANCE FACILITY | SACP |
| EM | EMERGENCY | SDP |
| EMC | ELECTROMAGNETIC COMPATIBILITY | SMB |
| EMI | ELECTROMAGNETIC INTERFERER | SPD |
| EMT | ELECTRIC METALLIC TUBING | ST |
| EPO | EMERGENCY POWER OFF | STS |
| EP | ENTRANCE POINT | SW |
| EP | EXPLOSION PROOF | TBB |
| ER | EQUIPMENT ROOM | TBC |
| FA | FIRE ALARM | TBD |
| FAA | FIRE ALARM ANNUNCIATOR | TE |
| FACP | FIRE ALARM CONTROL PANEL | TGB |
| FLA | FULL LOAD AMPS | TL |
| FO | FIBER OPTIC | TMGB |
| FSD | FIRE SMOKE DAMPER | TO |
| GC | GENERAL CONTRACTOR | TP |
| GFI | GROUND FAULT INTERRUPTER | TR |
| GFCI | GROUND FAULT CIRCUIT INTERRUPTER | TTB |
| GHz | GIGAHERTZ | TTC |
| GRD | GROUND | TV |
| GRC | GALVANIZED RIGID CONDUIT | TVSS |
| GRD | GROUND | TYP |
| GRS | GALVANIZED RIGID STEEL CONDUIT | U |
| HH | HANDHOLE | UC |
| HP | HORSEPOWER | UG |
| HPS | HIGH PRESSURE SODIUM | UON |
| HV | HIGH VOLTAGE | UPS |
| HZ | HERTZ | V |
| IBC | INTERNATIONAL BUILDING CODE | VA |
| IDF | INTERMEDIATE BUILDING DISTRIBUTION FACILITY | VP |
| IG | ISOLATE GROUND | W |
| IR | INTERRUPTING RATING | WAO |
| JB | JUNCTION BOX | WAP |
| KV | KILOVOLT | WP |
| KVA | KILOVOLT AMP | XFMR |
| | | XSFW |
| *REFER TO DISCIPLINE SYMBOL LISTS FOR MORE ABBREVIATIONS | | |

| GENERAL SYMBOLS | | |
|-----------------|--|--------------------------------------|
| | | EQUIPMENT DESIGNATOR - SEE SCHEDULE. |
| | | EXISTING TO REMAIN |
| | | EXISTING TO BE REMOVED |
| | | EXISTING TO BE RELOCATED |
| | | NEW |
| | | KEYED NOTE |

| NOTE | |
|---|--|
| THIS IS A STANDARD LEGEND SHEET, THEREFORE, SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS. | |

| WORK RESPONSIBILITY | |
|--|--|
| ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN CONDUIT, DEVICES, BOXES, CONDUCTORS, AND TRANSITIONS AROUND OBSTRUCTIONS WHETHER SHOWN ON DRAWINGS OR NOT SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER. | |

| GENERAL NOTES (APPLIES TO ALL DRAWINGS) | |
|--|---|
| A. | WHERE EXACT DIMENSIONS ARE NOT CALLED FOR, DO NOT SCALE DRAWINGS TO DETERMINE LOCATION OF EQUIPMENT, JUNCTION BOXES, OUTLET BOXES, WIRE WAYS, PANELS, ETC. SEE ARCH FOR EXACT DIMENSIONS. |
| B. | CONDUIT RUNS SHOW ONLY INTERCONNECTION BETWEEN THE TERMINATION POINTS. THE EXACT PATH OF THE CONDUIT IS TO BE DETERMINED BY THE CONTRACTOR. THERE SHALL BE A MINIMUM OF ONE PULL BOX FOR EVERY 100 FEET OF STRAIGHT EMPTY CONDUIT AND A PULL BOX FOR MORE THAN TWO 90 DEGREE BENDS IN A CONDUIT RUN. ALL CONDUIT SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED, AND FURNISHED WITH PULL WIRES. |
| C. | POWER CIRCUITS FOR THE AUDIOVISUAL SYSTEMS MUST BE ON THE SAME TRANSFORMER PHASE, BUT NOT ON THE SAME PHASE AS ANY COMPRESSORS, MOTORS, OR LIGHTING DIMMING SYSTEMS. |
| D. | ALL EQUIPMENT MUST BE COMPLETELY BONDED TO A TRUE EARTH COMMON GROUND OR VERIFY GROUNDING REQUIREMENTS WITH ELECTRICAL EQUIVALENT FOR PROPER OPERATION. |
| E. | FOR TELECOM OUTLETS WITH 1-6 CABLES, PROVIDE 1" C. TO DOUBLE-GANG DEEP BOX WITH SINGLE-GANG MUD RING AND 2, 4 OR 6 PORT FACEPLATE AS REQUIRED. |
| F. | FOR TELECOM OUTLETS WITH 7-12 CABLES, PROVIDE TWO (2) 1" C. TO DOUBLE-GANG DEEP BOX WITH DOUBLE-GANG MUD RING AND TWO (2) 2, 4 OR 6 PORT FACEPLATES AS REQUIRED. |
| G. | FOR ALL DATA OUTLETS AND CAMERAS, PROVIDE CATEGORY 6 CABLE AND JACKS. FOR ALL WIRELESS ACCESS POINTS (WAPs), PROVIDE (2) CATEGORY 6A CABLES AND JACKS. |

| POWER SYMBOLS | |
|---------------|---|
| | WALL RECEPTACLE: DUPLEX, 4-PLEX |
| | FLOOR RECEPTACLE: DUPLEX, 4-PLEX |
| | CEILING RECEPTACLE: DUPLEX, 4-PLEX |
| | WALL RECEPTACLE: MOUNTING HEIGHT |
| | SPECIAL RECEPTACLE: WALL |
| | JUNCTION BOX: WALL, FLOOR, CEILING |
| | DISCONNECT SWITCH: FUSED, CIRCUIT BREAKER |
| | MOTOR CONNECTION |
| | PANEL & CIRCUIT NUMBER |
| | DENOTES DUPLEX RECEPTACLE ON DROP CORD |
| | PUSHBUTTON: WALL |
| | ADA DOOR ASSIST BUTTON: WALL |
| | WIRE CONCEALED IN FLOOR OR UNDERGROUND |
| | RACEWAY AND CONDUCTORS REMOVED AS PART OF DEMOLITION |
| | CONDUIT ELL: UP, DN |
| | ELECTRICAL DUCT BANK |
| | GROUND ROD, 10' LONG, 5/8" DIAMETER, COPPER. BOND TO LOCAL CIRCUIT GROUND CONDUCTOR |
| | ELECTRICAL DISTRIBUTION CABINET |
| | ELECTRICAL DISTRIBUTION PANEL: SURFACE, RECESSED |
| | ELECTRICAL TRANSFORMER |

| ONE-LINE SYMBOLS | |
|------------------|-------------------------------------|
| | CONDUCTORS & CONDUIT |
| | CONDUCTORS & CONDUIT TO BE REMOVED |
| | CIRCUIT BREAKER, MOLDED CASE SWITCH |
| | BUS |
| | ATS |
| | METER |
| | PANEL |
| | MAIN GROUNDING BAR |
| | CONNECTION TO GROUND |
| | TRANSFORMER |

| LIGHTING SYMBOLS | |
|------------------|---|
| | PHOTOCELL: CEILING, WALL MOUNTED |
| | DUAL TECHNOLOGY, OCCUPANCY SENSOR: CEILING MOUNTED, WALL MOUNTED |
| | DUAL TECHNOLOGY, VACANCY SENSOR: CEILING MOUNTED, WALL MOUNTED |
| | HA = LUMINAIRE TYPE DESIGNATION 1. = CIRCUIT NUMBER a = SWITCH DESIGNATION |
| | BUG EYE EXIT SIGN WITH INTERGRAL BATTERY, 90 MINUTE RUN TIME: CEILING, WALL MOUNTED |

| TELECOMMUNICATIONS SYMBOLS | |
|----------------------------|--|
| | DATA OUTLET: WALL, CEILING, FLOOR |
| | DATA OUTLET: CABLE/JACK QUANTITY (x2 U.O.N.) |
| | DATA OUTLET: MOUNTING HEIGHT |
| | DATA OUTLET: WALL PHONE (x1 CABLE/JACK) |
| | ASSISTIVE LEARNING SYSTEM |
| | ANALOG CLOCK: WALL, CEILING |
| | MASTER CLOCK: CEILING |
| | COMBINATION IP SPEAKER/IP CLOCK (ANALOG FACE) |
| | DIGITAL CLOCK: WALL, CEILING |
| | WIRELESS ACCESS POINT: WALL, CEILING. E = EXISTING |
| | ASSISTIVE LEARNING SYSTEM SPEAKER: CEILING |
| | ANALOG SPEAKER: WALL, CEILING |
| | IP SPEAKER: WALL, CEILING |
| | SPEAKER-HORN: WALL, CEILING |
| | ANALOG SPEAKER-HORN: WALL, CEILING, WP |
| | 2-WAY/ARA COMMUNICATION STATION: WALL |
| | M: MASTER STATION |
| | PS: POWER SUPPLY |
| | AV OUTLET: WALL, FLOOR, CEILING |
| | ASSISTIVE LEARNING SYSTEM: CONTROLLER |
| | ASSISTIVE LEARNING SYSTEM: INPUT / OUTPUT |
| | CATV OUTLET: WALL, CEILING |
| | INTERCOM STATION: WALL |
| | INTERCOM & VIDEO STATION: WALL |
| | INTERCOM MASTER STATION: WALL |
| | MAN: MASTER ANALOG |
| | MIP: MASTER IP |
| | WIRELESS CLOCK SIGNAL DISTRIBUTION ANTENNA: WALL |
| | ANALOG TELEPHONE OUTLET: WALL |

| TELECOM PATHWAYS AND ENCLOSURES SYMBOLS | |
|---|--|
| | CONDUIT |
| | UNDERGROUND CONDUIT |
| | AERIAL |
| | SPLICE |
| | MAINTENANCE HOLE |
| | VAULT (SUBSCRIPT +/-) |
| | POLES |
| | RACK (2 POST) |
| | RACK (4 POST) |
| | CABINET: SURFACE, RECESSED |
| | PULL BOX |
| | TELECOM UNDERGROUND VAULT |
| | CABLE PATHWAY FIRESTOPPING DEVICE |
| | CABLE TRAY: CENTER SUPPORT, OUTER SUPPORTS |
| | TELECOM GROUND BUS |
| | TELEPHONE BACKBOARD. |

| SECURITY SYMBOLS | |
|---|-------------------------------------|
| | CARD KEY READER STATION: WALL |
| | MOTION DETECTOR: WALL, CEILING |
| | DOOR ASSIST: WALL |
| | P: PANIC |
| | IDS KEYPAD: WALL |
| | DOOR HARDWARE: WALL |
| | ACP: ACCESS CONTROL PANEL |
| | DC: DOOR CONTACT |
| | DO: DOOR OPERATOR |
| | DH: DOOR HOLD OPEN |
| | DRP: DOOR RELEASE PANEL |
| | EC: ELECTRIC CYLINDRICAL LOCK SET |
| | EPT: ELECTRONIC POWER TRANSFER |
| | ES: ELECTRIC STRIKE |
| | IL: INTEGRATED LOCK |
| | LA: LOCAL ALARM |
| | LS: LATCH RETRACTION |
| | REX: REQUEST TO EXIT SENSOR |
| | RX: REQUEST TO EXIT SWITCH |
| | DOME SECURITY CAMERA: WALL, CEILING |
| | SINGLE LENS |
| | SINGLE LENS 180° |
| | SINGLE LENS 360° |
| | SINGLE LENS PTZ |
| | DOUBLE LENS |
| | QUAD LENS |
| *SEE DOOR HARDWARE SCHEDULE AND ASSOCIATED DETAILS FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS | |

| FIRE ALARM SYMBOLS | |
|--------------------|---|
| | MANUAL PULL STATION: WALL |
| | BELL: WALL |
| | STROBE: WALL, CEILING |
| | SPEAKER-STROBE: WALL, CEILING |
| | PHOTOELECTRIC SMOKE DETECTOR: WALL, CEILING |
| | PR: RELAY BASE |
| | PIB: ISOLATION BASE |
| | PT: HEAT DETECTOR |
| | BEAM SMOKE DETECTOR |
| | ADDRESSABLE MODULE: WALL, CEILING |
| | ARM: ADDRESSABLE RELAY MODULE |
| | AIM: ADDRESSABLE INPUT MODULE (SINGLE) |
| | AMM: ADDRESSABLE MINI INPUT MODULE |
| | ADM: ADDRESSABLE DUAL INPUT MODULE |
| | ANM: ADDRESSABLE NOTIFICATION MODULE |
| | AIO 1X1: ADDRESSABLE INPUT/OUTPUT MODULE, 1 INPUT x 1 RELAY |
| | AIO 2X2: ADDRESSABLE INPUT/OUTPUT MODULE, 2 INPUT x 2 RELAY |
| | SWITCH: WALL, CEILING |
| | WF: WET SYSTEM |
| | PA: PREACTION SYSTEM |
| | VS: VALVE SUPERVISORY SWITCH |
| | PIV: POST INDICATOR VALVE |
| | LA: LOW AIR SWITCH |
| | HA: HIGH AIR SWITCH |
| | PR: PUMP RUNNING SIGNAL |
| | PT: PUMP TROUBLE SIGNAL |
| | REV: REVERSAL SIGNAL |
| | LT: LOW AIR TEMP |
| | LW: LOW WATER LEVEL |
| | DH: MAGNETIC DOOR HOLD |
| | FIRE ALARM CONTROL UNIT |
| | NOTIFICATION POWER SUPPLY |
| | REMOTE ANNUNCIATOR |
| | LOCAL OPERATOR CONSOLE |
| | EVAC AMPLIFIER |
| | FIRE ALARM TERMINAL CABINET |
| | ELEVATOR CONTROL MUDLE |
| | SPRINKLER CONTROL MODULE |
| | FIRE ALARM CONTROL PANEL |
| | WIRELESS MESH RADIO NETWORK |
| | DOCUMENT STORAGE BOX |

| Sheet List | |
|--------------|---------------------------------------|
| Sheet Number | Sheet Name |
| E001 | LEGEND AND ABBREVIATIONS - ELECTRICAL |
| E111 | FLOOR PLAN - MAIN LEVEL - ELECTRICAL |
| E112 | FLOOR PLAN - LOWER LEVEL - ELECTRICAL |

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JULY 10, 1996

FLAVIANO V. REYES JR.

EXPIRES 12/31/2022

REVISIONS:

1 Adden #1 - 12/6/22

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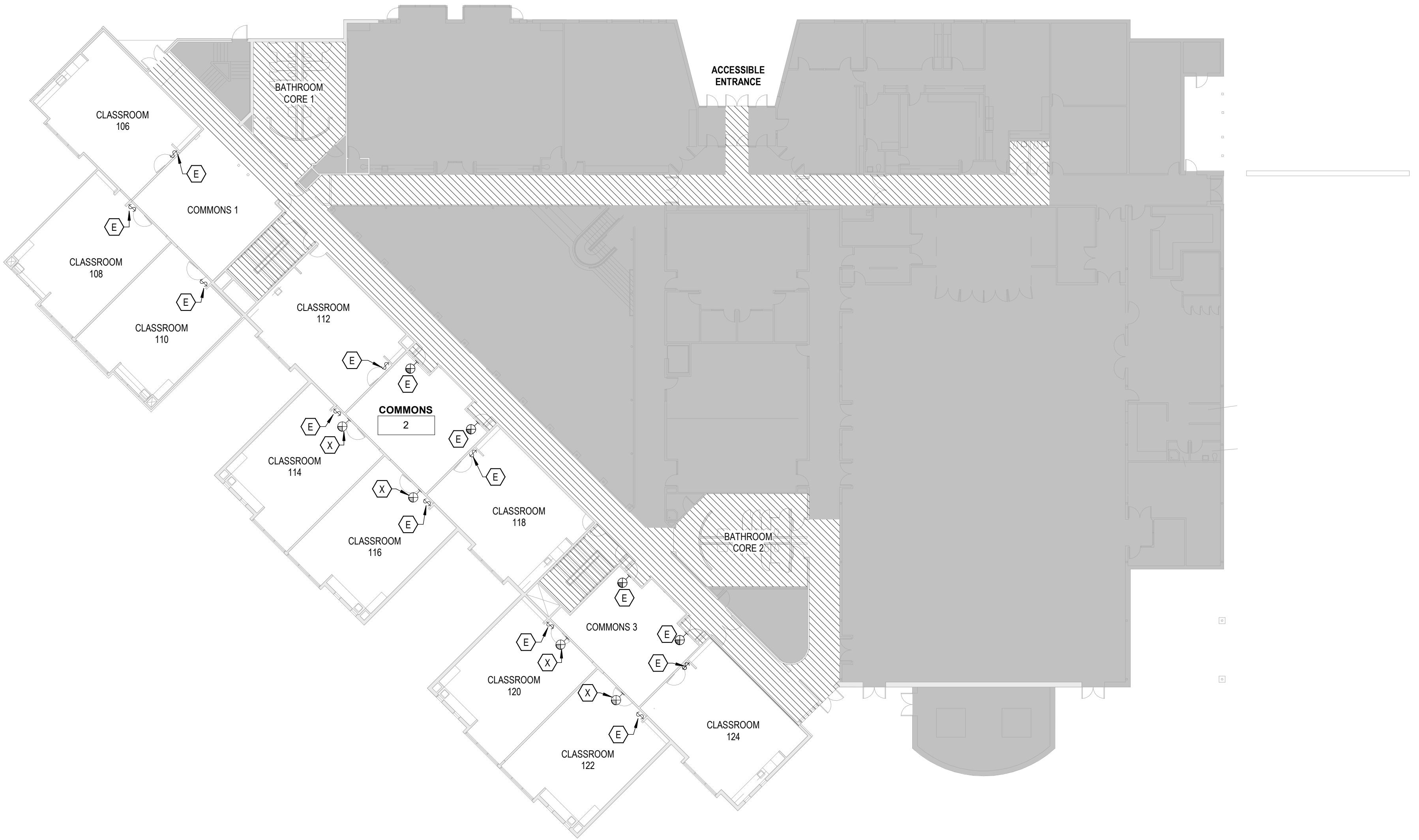
CLASSROOM WALLS PHASE 3 - NANCY RYLES ELEMENTARY SCHOOL

10260 SW CORMORANT DR
BEAVERTON OR 97007
PERMIT SET

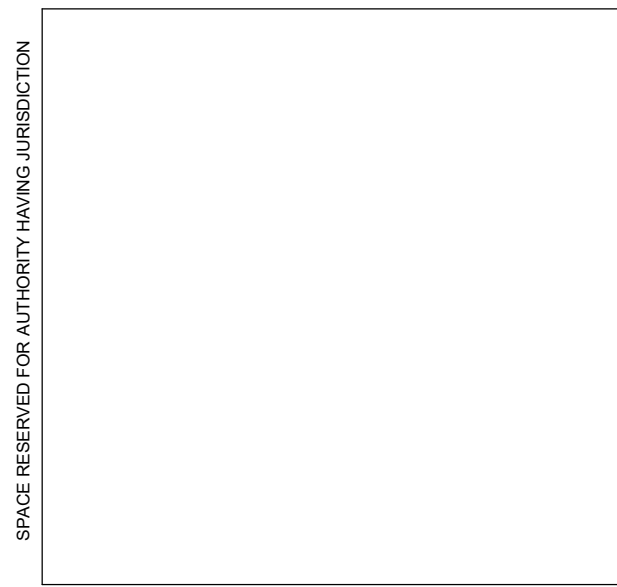
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LEGEND AND ABBREVIATIONS - ELECTRICAL

E001



FLOOR PLAN - MAIN LEVEL - ELECTRICAL
1" = 20'-0" 1



GENERAL NOTES

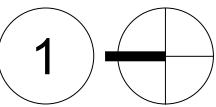
- A. ALL CIRCUITS ARE TO BE DE-ENERGIZED PRIOR TO COMMENCING WORK.
- B. CONTRACTOR TO CONFIRM SOURCE PANELS AND LINE TRACE CIRCUITS TO DETERMINE BREAKER SPACE.
- C. INSPECT PHYSICAL CONDITION OF ALL WIRING INTENDED FOR INTERCEPTION AND EXTENSION.
- D. PERFORM MEGGER/RESISTANCE TESTING AND NOTIFY ENGINEER OF DEFICIENCIES FOUND.
- E. REFER TO AS-BUILT DOCUMENTATION FOR EXISTING SINGLE-LINE DIAGRAMS AND DEVICE LAYOUTS, ALTHOUGH THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCING WORK AND COMPENSATE OWNER FOR DAMAGES CAUSED BY FAILURE TO LOCATE OR PRESERVE UTILITIES.
- F. FOR ITEMS TO BE DEMOLISHED, REMOVE WIRING, DEVICES, AND CONDUIT COMPLETE. DO NOT ABANDON IN PLACE UNLESS OTHERWISE NOTED. CONDUIT CAST-IN-SLAB IS TO BE CUT-OFF BELOW GRADE AND ABANDONED.
- G. DE-ENERGIZE, DISCONNECT, AND REMOVE ALL EXISTING ELECTRICAL INFRASTRUCTURE IN AREAS UNAFFECTED BY PROJECT DEMO.
- H. RETAIN EXISTING ELECTRICAL RACEWAYS IDENTIFIED FOR INTERCEPTION AND EXTENSION IN AREAS UNAFFECTED BY DEMOLITION.
- I. PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF RECORD AND APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).
- J. ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK AND SYSTEMS. COORDINATE ROUGH-IN REQUIREMENTS AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.
- K. PERFORM WORK FOR REMOVAL AND DISPOSAL OF EQUIPMENT AND MATERIALS CONTAINING TOXIC SUBSTANCES REGULATED UNDER THE FEDERAL TOXIC SUBSTANCES CONTROL ACT (TSCA) IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT LIMITED TO:
 - 1. PCB-CONTAINING ELECTRICAL EQUIPMENT, INCLUDING TRANSFORMERS, CAPACITORS, AND SWITCHES.
 - 2. PCB- AND DEHP-CONTAINING LIGHTING BALLASTS.
 - 3. MERCURY-CONTAINING LAMPS AND TUBES, INCLUDING FLUORESCENT LAMPS, HIGH INTENSITY DISCHARGE (HID), ARC LAMPS, ULTRA-VIOLET, HIGH PRESSURE SODIUM, MERCURY VAPOR, IGNITRON TUBES, NEON, AND INCANDESCENT.
- L. REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
- M. REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.
- N. REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES.
- O. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS THAT ARE NOT REMOVED.
- P. DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.
- Q. REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- R. MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS THAT REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE.
- S. REMOVE AND RESTORE WIRING WHICH SERVES USABLE OUTLETS CLEAR OF CONSTRUCTION OR DEMOLITION.
- T. DE-ENERGIZE, DISCONNECT AND REMOVE EXISTING EXIT SIGNS. CLEAN FIXTURE AND PROVIDE TO OWNERS REPRESENTATIVE FOR SHELF INVENTORY AND USE IT AT LATER TIME, OR DISPOSE OF PER ALL APPLICABLE REGULATIONS IF OWNER DOES NOT WANT TO KEEP ITEM.

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FLOOR PLAN - LOWER LEVEL - ELECTRICAL

1/16" = 1'-0"



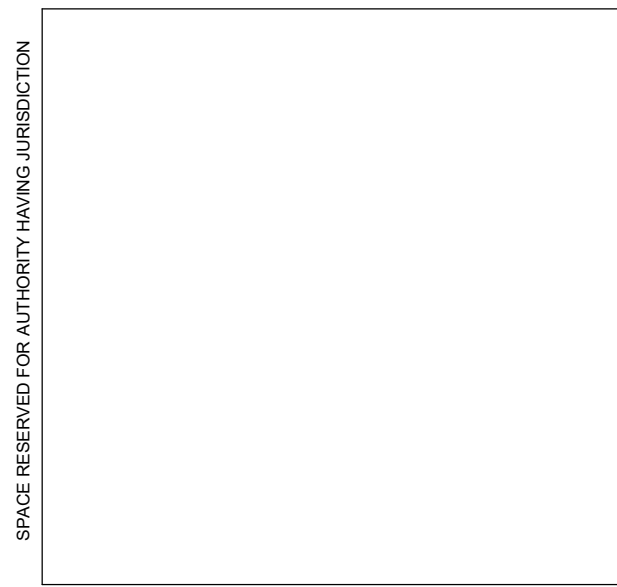
GENERAL NOTES

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REVISIONS:

1 Adden #1 - 12/6/22



CODE SUMMARY

APPLICABLE CODES

2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC)
2019 OREGON ZERO ENERGY READY COMMERCIAL CODE (OSSC CHAPTER 13)
2019 OREGON MECHANICAL SPECIALTY CODE (OMSC)
2017 OREGON PLUMBING SPECIALTY CODE (OPSC)
2017 OREGON ELECTRICAL SPECIALTY CODE (OESC)
2019 OREGON FIRE CODE
(TUALATIN VALLEY FIRE AND RESCUE FIRE CODE APPLICATION GUIDE 3.4R)
ICC/ANSI A117.1 - 2017

CITY OF BEAVERTON MUNICIPAL CODE

CONSTRUCTION TYPE & USE (CHAPTERS 3.4 & 5)

BUILDING OCCUPANCY: E (EDUCATION)
CONSTRUCTION TYPE: V-B (SPRINKLERED)
STORIES: 2 ABOVE GRADE
SEPARATION: NON-SEPARATED

FIRE-RESISTANT RATING REQUIREMENTS (CHAPTER 6)

PRIMARY STRUCTURAL FRAME: 0 HOURS
BEARING WALLS:
EXTERIOR: 0 HOURS
INTERIOR: 0 HOURS
NON BEARING WALLS AND PARTITIONS:
EXTERIOR: SEE SHELL FLS PLANS
INTERIOR: 0 HOUR
FLOOR CONSTRUCTION: 0 HOURS
ROOF CONSTRUCTION: 0 HOURS

INTERIOR FINISHES (CHAPTER 8)

ALL INTERIOR AND CEILING FINISH MATERIALS TO BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723 AND MEET THE FOLLOWING SMOKE-DEVELOPED INDEXES AS REQUIRED BY TABLE 803.9 BELOW:

INTERIOR EXIT STAIRWAYS, EXIT RAMPS AND EXIT PASSAGEWAYS: CLASS A
CORRIDORS AND ENCLOSURES FOR EXIT STAIRWAYS AND RAMPS: CLASS B
ROOMS AND ENCLOSED SPACES: CLASS C

MEANS OF EGRESS (CHAPTER 10)

1006.2.1 NUMBER OF EXITS: MORE THAN ONE EXIT IS REQUIRED FROM EACH TENANT SUITE IF THE OVERALL OCCUPANT LOAD IS GREATER THAN 49

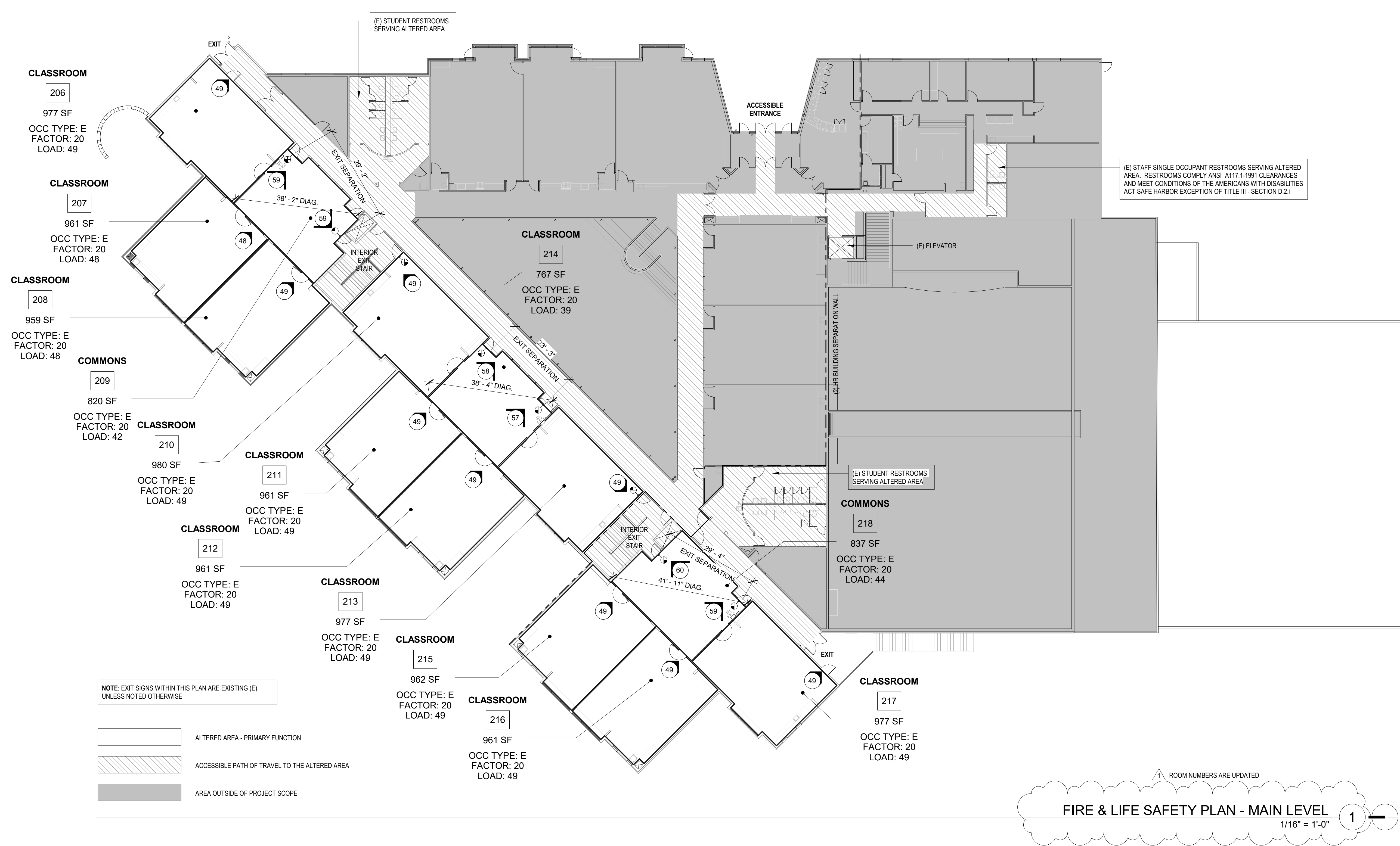
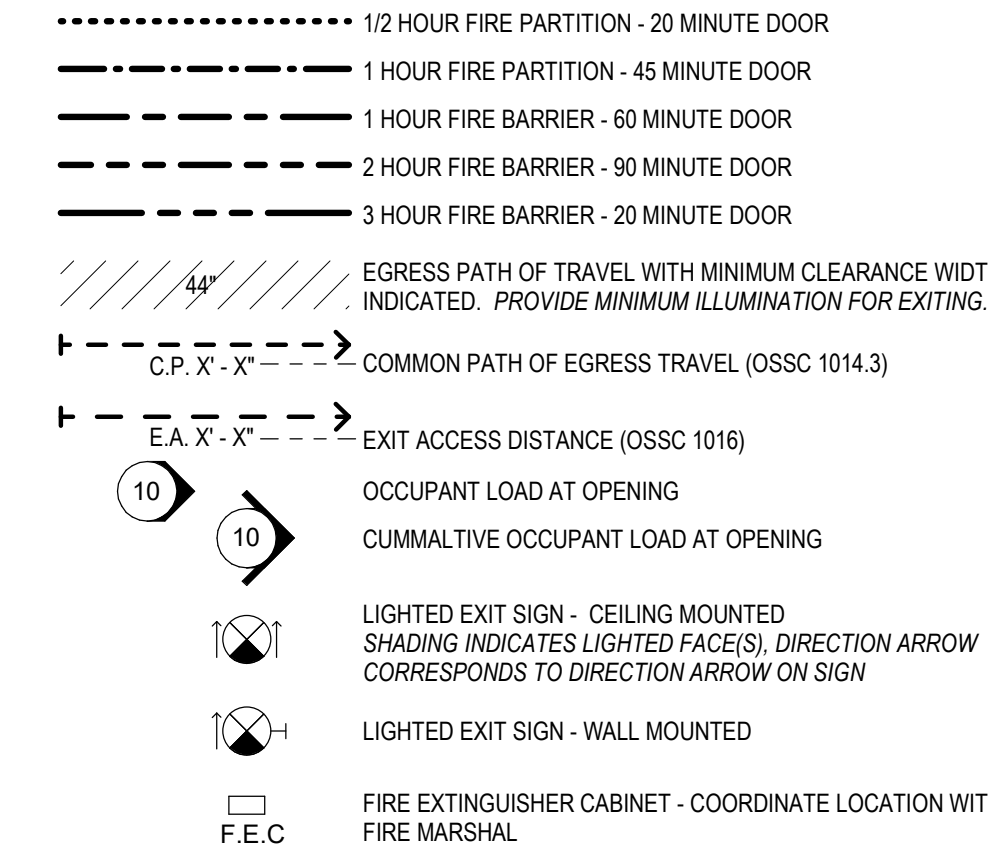
1006.2.1 COMMON PATH OF EGRESS TRAVEL: THE MAXIMUM COMMON PATH OF EGRESS TRAVEL FOR OCCUPANCY GROUPS E SHALL NOT BE MORE THAN 75 FEET WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1

1007.1.1 EXIT DISTANCE: WHERE TWO EXITS ARE REQUIRED, THE SEPARATION DISNACE SHALL NOT BE LESS THAN 1/3RD THE DIAGONAL WITH AN AUTOMATIC SPRINKLER SYSTEM.

1016.2 EXIT TRAVEL DISTANCE: MAXIMUM TRAVEL DISTANCE FOR OCCUPANCY E, SPRINKLERED: 250'

LEGEND - FLS PLANS

NOTE: PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS INDICATED BELOW:



ORS 447.241 (25% ADA RULE) COMPLIANCE

EVERY PROJECT FOR RENOVATION, ALTERATION OR MODIFICATION TO AFFECTED BUILDINGS AND RELATED FACILITIES THAT AFFECTS OR COULD AFFECT THE USABILITY OF OR ACCESS TO AN AREA CONTAINING A PRIMARY FUNCTION SHALL BE MADE TO INSURE THAT, TO THE MAXIMUM EXTENT FEASIBLE, THE PATHS OF TRAVEL TO THE ALTERED AREA AND THE RESTROOMS, TELEPHONES AND DRINKING FOUNTAINS SERVING THE ALTERED AREA ARE READILY ACCESSIBLE TO AND USEABLE BY INDIVIDUALS WITH DISABILITIES, UNLESS SUCH ALTERATIONS ARE DISPROPORTIONATE TO THE OVERALL ALTERATIONS IN TERMS OF COST AND SCOPE.

EXISTING, NON-COMPLIANT ITEMS WITHIN THE PATH OF TRAVEL TO THE AFFECTED AREA(S) OR ELEMENTS SERVING THE ALTERED AREA PROPOSED TO BE REMEDIATED WITHIN THIS PROJECT SCOPE INCLUDE:

- NEW ACCESSIBLE PARKING SIGNAGE & PAVING MARKINGS TO MEET CURRENT REQUIREMENTS AT EXISTING ADA PARKING ACCESS AISLE (OOOT - STANDARDS FOR ACCESSIBLE PARKING - 2018)
- REMOVAL OF DOOR LEAVES AT EXISTING STUDENT RESTROOMS (404.2 - MANUAL DOORS)
- INSTALLATION OF STAIR LEVEL IDENTIFICATION SIGNAGE AT EXISTING STAIRWAYS WITHIN THE ALTERED AREA

FOLLOWING COMPLETION OF THIS PROJECT, NO ADDITIONAL BARRIERS ARE KNOWN WITHIN THE PROJECT AREA SUBJECT TO ORS 447.241.

NOTE THAT THE EXISTING STAFF RESTROOMS ON THE GROUND FLOOR ARE CONSIDERED COMPLIANT WITH THE AMERICAN WITH DISABILITIES ACT TITLE III - SAFE HARBOR EXCEPTION FOR MEETING THE REQUIREMENTS OF ANSI A117.1-1991 AS MODIFIED AND CODIFIED BY CHAPTER 11 OF THE 1990 OSSC. THESE RESTROOMS ARE CONNECTED BY A COMPLIANT ACCESSIBLE ROUTE FROM ALL ALTERED AREAS WITHIN THIS PROJECT.

CODE REQUIRED SIGANCE

- PROVIDE REQUIRED CODE REQUIRED SIGNAGE AS PRESCRIBED BY THE OREGON STRUCTURAL SPECIALTY CODE AND THE INTERNATIONAL FIRE CODE. COORDINATE LOCATION WITH ARCHITECT AND AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION.
- THE FOLLOWING ITEMS ARE TYPICALLY PROVIDED BY THE GENERAL CONTRACTOR, BUT MAY NOT EXHAUSTIVE OF ALL UNIQUE PROJECT REQUIREMENTS. COORDINATE EXTENT OF CODE REQUIRED SIGNAGE WITHIN THIS PROJECT WITH ARCHITECT OF RECORD PRIOR TO SUBSTANTIAL COMPLETION.
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 - AREAS OF REFUGE (IBC 1007.9)
 - DELAYED EMERGENCY EXIT DOORS (IBC 1008.1.9)
 - KEY LOCKS ON EGRESS SIDE OF DOORS (IBC 1008.1.9)
 - EXIT SIGNAGE (IBC 1011.1)
 - FLOOR IDENTIFICATION (IBC 1022.8)
 - ACCESSIBILITY ELEMENTS AND DIRECTIONAL SIGNAGE (IBC 1110)
 - ELEVATOR EMERGENCY SIGNS (IBC 3002.3)
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 - NO SMOKING (IFC 310.3)
 - PREMISES IDENTIFICATION (IFC 505.1)
 - FIRE PROTECTION EQUIPMENT SIGNS (IFC 509.1)
 - ELECTRICAL CONTROL ROOMS (IFC 605.3.1)
 - FIRE DOORS (IFC 703.2.1)
 - FIRE DEPARTMENT CONNECTIONS (IFC 912.4)

RATED ASSEMBLIES

- WHERE RATED ASSEMBLIES ARE SHOWN ON THE FLS PLAN, PROVIDE A UL OR GA LISTED RATED ASSEMBLY TO MEET THE FIRE RATING REQUIREMENTS TO THE ARCHITECT FOR REVIEW.
- PROVIDE A UL OR GA LISTED PERIMETER JOINT ASSEMBLY AND THROUGH PENETRATION FIRE STOP ASSEMBLY MEETING THE FIRE RATED REQUIREMENT OF THE WALL, FLOOR/CEILING OR ROOF ASSMBLY SHOWN ON THE FLS PLANS.
- PROVIDE A SUBMITTAL CUTSHEET TO THE ARCHITECT OF EACH SELECTED FIRE RESISTANT ASSEMBLY PRIOR TO INSTALLATION.

EMERGENCY LIGHTING REQUIREMENTS

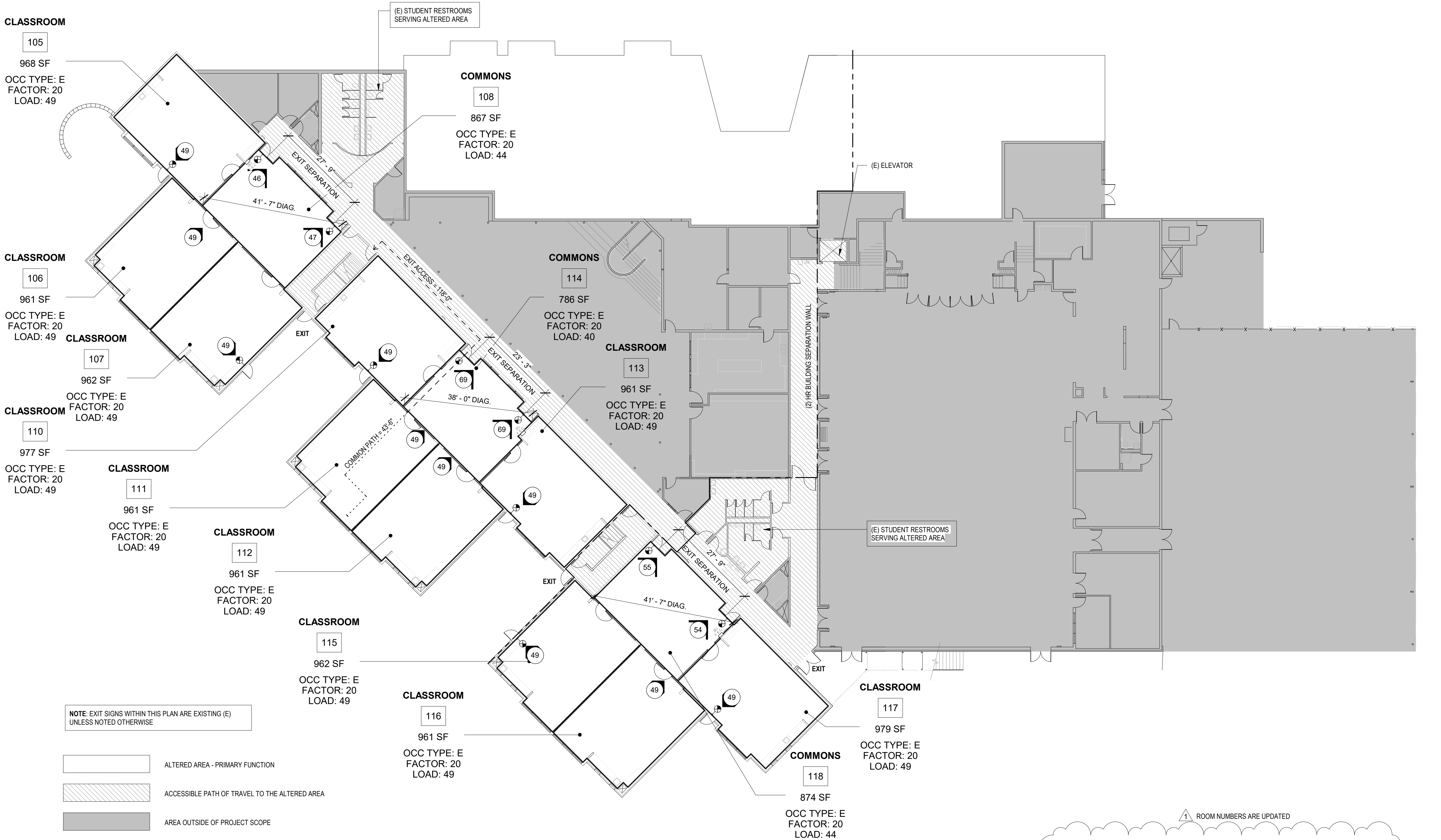
- MEANS OF EGRESS, INCLUDING EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE IS SERVED BY THE MEANS OF EGRESS.
- PROVIDE MINIMUM 1 FOOT-CANDLE OF ILLUMINATION AT ALL MEANS OF EGRESS. THE POWER SUPPLY FOR THE MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE BUILDINGS ELECTRICAL SUPPLY. IN THE EVENT OF A POWER FAILURE, THE EMERGENCY POWER SHALL PROVIDE POWER FOR A DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH 2015 IBC SECTION 2702 AND 2015 IBC SECTION 1006.
- PRIOR TO FINAL INSPECTION, SUBMIT DOCUMENTATION SUBSTANTIATING THE COMPLETION OF TEST FOR THE MEANS OF EGRESS ILLUMINATION LEVEL PER 2015 IBC 1008.2.1, 1008.3 AND EMERGENCY POWER PER 1008.3.5.

FIRE LIFE SAFETY (BY GENERAL CONTRACTOR)

THE FOLLOWING ITEMS ARE FIRE LIFE SAFETY REQUIREMENTS TO BE COMPLETED BY THE GENERAL CONTRACTOR. PROVIDE THE APPROPRIATE SUBMITTAL TO THE ARCHITECT FOR REVIEW AND COORDINATION PRIOR TO SUBMITTING TO THE AUTHORITY HAVING JURISDICTION.

DELEGATED DESIGN SUBMITTALS/PERMITS

- ITEMS LISTED AS A DEFERRED SUBMITTAL OR DESIGN BUILD ITEMS ON SHEET G001 REQUIRE ENGINEERING TO BE PROVIDED BY THE GENERAL CONTRACTOR.
- PROVIDE A COMPLETE AND ENGINEERED SYSTEM TO MEET THE DESIGN INTENT CONTAINED WITHIN THESE CONTRACT DOCUMENTS. PROVIDE A SUBMITTAL TO THE ARCHITECT FOR REVIEW OF DESIGN INTENT CONFORMANCE ONLY; THIS REVIEW DOES NOT CONSTITUTE A PROFESSIONAL PEER REVIEW OF THE SYSTEMS SUBMITTED.
- WHERE A LICENSED DESIGN PROFESSIONAL IS REQUIRED BY THE AUTHORITY HAVING JURISDICTION, THE GENERAL CONTRACTOR IS TO SECURE THESE SERVICES AND PROVIDE STAMPED DOCUMENTS TO MEET THE LOCAL REQUIREMENTS FOR A DEFERRED SUBMITTAL OR SEPARATE PERMIT.
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- ADDITIONAL DEFERRED SUBMITTAL OR PERMIT FEES TO BE PAID BY THE GENERAL CONTRACTOR.

CODE SUMMARY

APPLICABLE CODES

2019 OREGON STRUCTURAL SPECIALTY CODE (OSSC)
2019 OREGON ZERO ENERGY READY COMMERCIAL CODE (OSSC CHAPTER 13)
2019 OREGON MECHANICAL SPECIALTY CODE (OMSC)
2017 OREGON PLUMBING SPECIALTY CODE (OPSC)
2017 OREGON ELECTRICAL SPECIALTY CODE (OESC)
2019 OREGON FIRE CODE
(TUALATIN VALLEY FIRE AND RESCUE FIRE CODE APPLICATION GUIDE 3.4R)
ICC/ANSI A117.1 - 2017

CITY OF BEAVERTON MUNICIPAL CODE

CONSTRUCTION TYPE & USE (CHAPTERS 3.4 & 5)

BUILDING OCCUPANCY: E (EDUCATION)
CONSTRUCTION TYPE: V-B (SPRINKLERED)
STORIES: 2 ABOVE GRADE
SEPARATION: NON-SEPARATED

FIRE-RESISTANT RATING REQUIREMENTS (CHAPTER 6)

PRIMARY STRUCTURAL FRAME: 0 HOURS
BEARING WALLS: 0 HOURS
EXTERIOR: 0 HOURS
INTERIOR: 0 HOURS
NON BEARING WALLS AND PARTITIONS: SEE SHELL FLS PLANS
EXTERIOR: 0 HOUR
INTERIOR: 0 HOURS
FLOOR CONSTRUCTION: 0 HOURS
ROOF CONSTRUCTION: 0 HOURS

INTERIOR FINISHES (CHAPTER 8)

ALL INTERIOR AND CEILING FINISH MATERIALS TO BE CLASSIFIED IN ACCORDANCE WITH ASTM E84 OR UL 723 AND MEET THE FOLLOWING SMOKE-DEVELOPED INDEXES AS REQUIRED BY TABLE 803.9 BELOW:

INTERIOR EXIT STAIRWAYS, EXIT RAMPS AND EXIT PASSAGEWAYS: CLASS A
CORRIDORS AND ENCLOSURES FOR EXIT STAIRWAYS AND RAMPS: CLASS B
ROOMS AND ENCLOSED SPACES: CLASS C

MEANS OF EGRESS (CHAPTER 10)

1006.2.1 NUMBER OF EXITS: MORE THAN ONE EXIT IS REQUIRED FROM EACH TENANT SUITE IF THE OVERALL OCCUPANT LOAD IS GREATER THAN 49

1006.2.1 COMMON PATH OF EGRESS TRAVEL: THE MAXIMUM COMMON PATH OF EGRESS TRAVEL FOR OCCUPANCY GROUPS E SHALL NOT BE MORE THAN 75 FEET WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH 903.3.1.1

1007.1.1 EXIT DISTANCE: WHERE TWO EXITS ARE REQUIRED, THE SEPARATION DISNACE SHALL NOT BE LESS THAN 1/3RD THE DIAGONAL WITH AN AUTOMATIC SPRINKLER SYSTEM.

1016.2 EXIT TRAVEL DISTANCE: MAXIMUM TRAVEL DISTANCE FOR OCCUPANCY E, SPRINKLERED: 250'

LEGEND - FLS PLANS

NOTE: PROVIDE CONTINUOUS UL LISTED ASSEMBLIES FOR ALL CONSTRUCTION JOINTS AND THROUGH WALL PENETRATIONS MATCHING THE FIRE RESISTANT RATING OF ALL WALLS INDICATED BELOW:

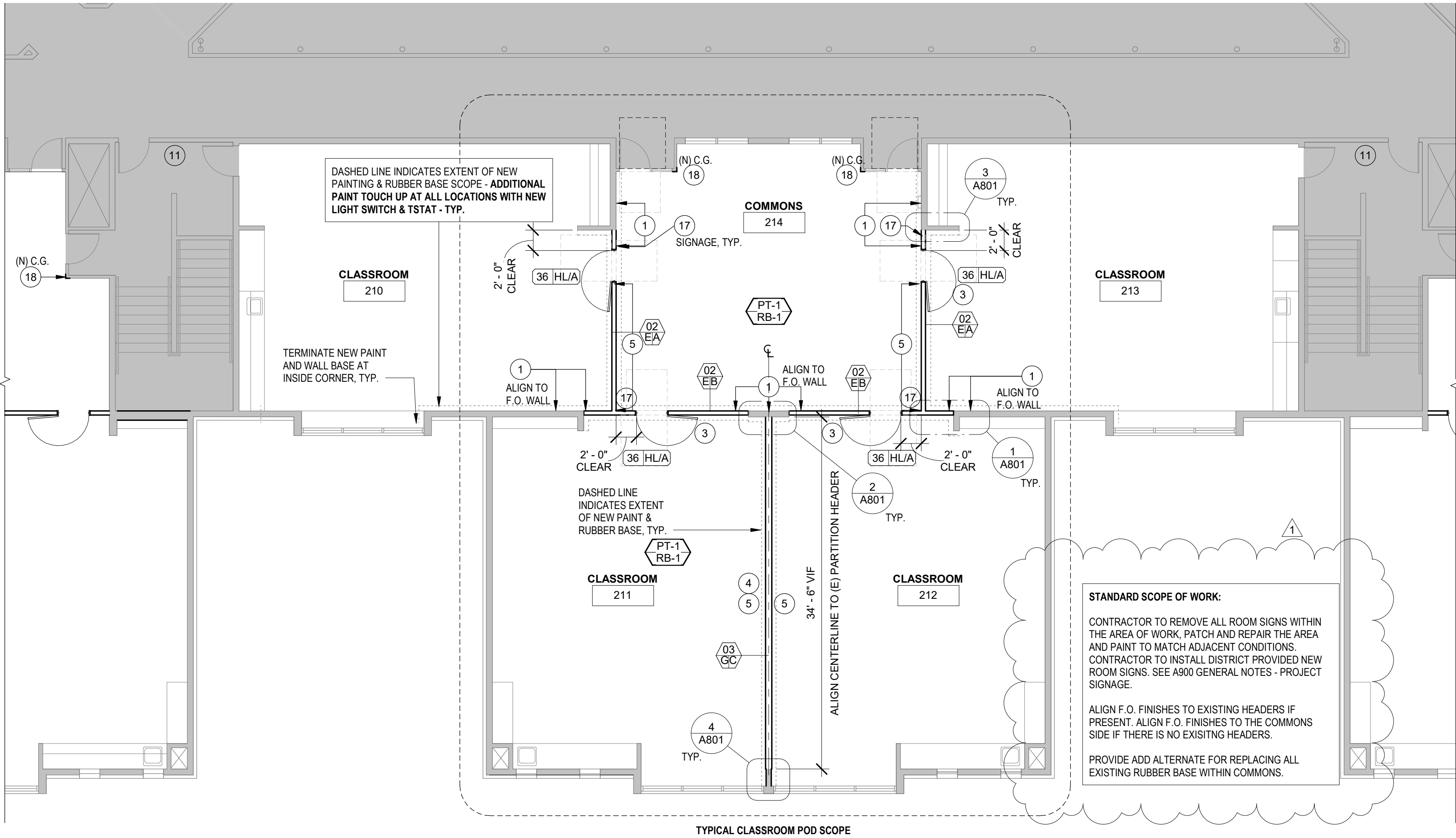
- 1/2 HOUR FIRE PARTITION - 20 MINUTE DOOR
- 1 HOUR FIRE PARTITION - 45 MINUTE DOOR
- 1 HOUR FIRE BARRIER - 60 MINUTE DOOR
- 2 HOUR FIRE BARRIER - 90 MINUTE DOOR
- 3 HOUR FIRE BARRIER - 20 MINUTE DOOR
- EGRESS PATH OF TRAVEL WITH MINIMUM CLEARANCE WIDTH INDICATED. PROVIDE MINIMUM ILLUMINATION FOR EXITING.
- COMMON PATH OF EGRESS TRAVEL (OSSC 1014.3)
- EXIT ACCESS DISTANCE (OSSC 1016)
- OCCUPANT LOAD AT OPENING
- CUMMALTIVE OCCUPANT LOAD AT OPENING
- LIGHTED EXIT SIGN - CEILING MOUNTED
SHADING INDICATES LIGHTED FACE(S), DIRECTION ARROW CORRESPONDS TO DIRECTION ARROW ON SIGN
- LIGHTED EXIT SIGN - WALL MOUNTED
- FIRE EXTINGUISHER CABINET - COORDINATE LOCATION WITH FIRE MARSHAL

| KEYED NOTES - PROJECT SCOPE | |
|-----------------------------|--|
| 1 | ALIGN FACE OF ADJACENT FINISHES, TYPICAL. |
| 2 | SEE TYPICAL ENLARGED PLANS AND KEYNOTES FOR SCOPE WITHIN THIS AREA. |
| 3 | PROVIDE BLOCKING FOR WALL MOUNTED DOOR STOP AT NEW DOOR, TYPICAL. |
| 4 | DEMOLISH EXISTING OPERABLE PARTITION, GC TO RECYCLE IF POSSIBLE. EXISTING HEADTRACK TO REMAIN. FIELD VERIFY HEADTRACKS PRIOR TO INSTALLATION OF NEW PARTITION. |
| 5 | PROVIDE 2X WOOD BLOCKING FOR FUTURE WALL MOUNTED BOARD (CFCI) ALONG ENTIRE LENGTH OF THIS WALL. SEE TYPICAL ELEVATION AND BLOCKING DETAIL. |
| 8 | REMOVE (E) DOOR AND HARDWARE. SEE TYPICAL FOR PATCH AND PAINT REQUIREMENTS. |
| 11 | PROVIDE STAIR LEVEL IDENTIFICATION SIGN IN RAISED CHARACTERS AND BRAILLE TO MEET THE REQUIREMENTS OF 2009 ICC A117.1 504.9 AT EACH FLOOR LEVEL LANDING ADJACENT TO THE DOOR LEADING FROM THE STAIRWELL INTO THE CORRIDOR TO IDENTIFY THE FLOOR LEVEL. PROVIDE ADDITIONAL SIGN AT STAIRWELL EXIT DOOR STATING "EXIT". SIGNS TO MATCH EXISTING CODE REQUIRED SIGNAGE FOR COLOR, SIZE AND FONT WITHIN THE BUILDING. |
| 13 | PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE. |
| 14 | PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL. SEE SITE PLAN FOR TYPICAL SCOPE. |
| 17 | INSTALL OWNER PROVIDED ROOM SIGNAGE, TYP. |
| 18 | INSTALL NEW 3"x3"x48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED. |

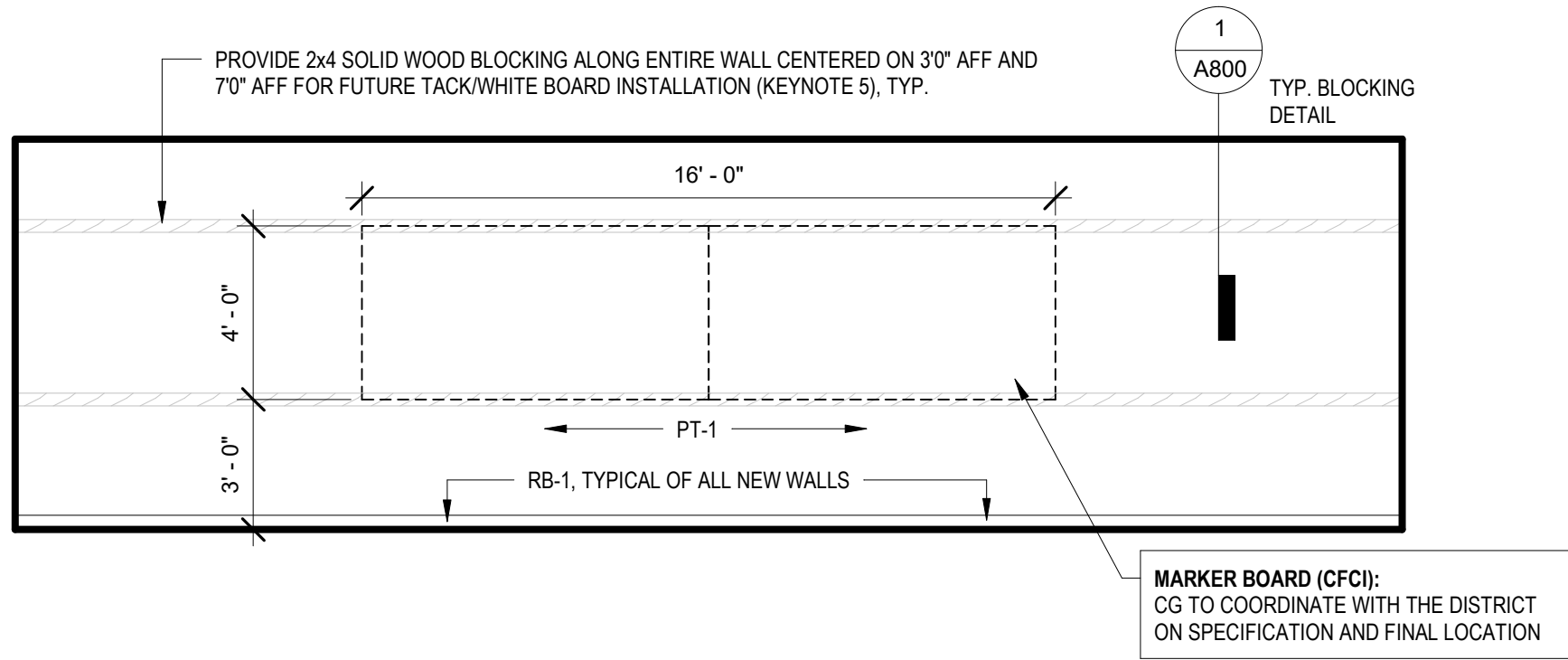
FINISH SCHEDULE

NOTE - INSTALL ALL FINISHES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

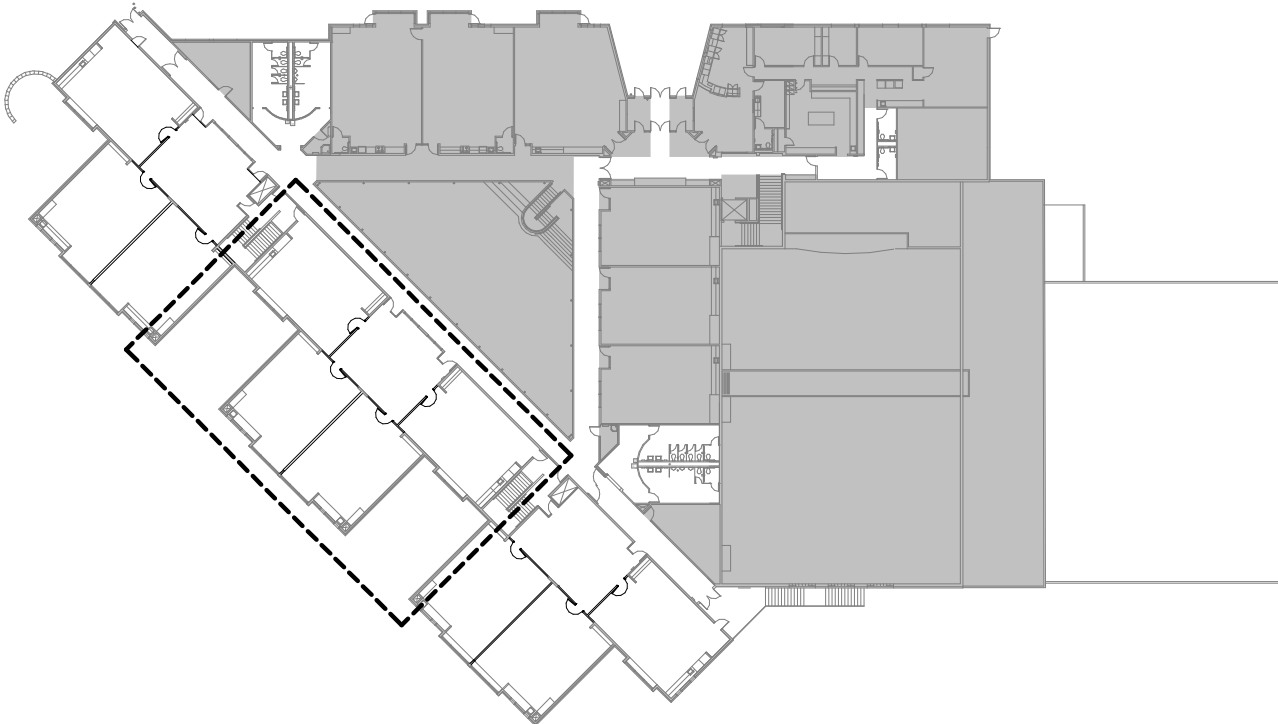
| 09 91 00 - PAINTS AND COATINGS | 09 65 00 - RESILIENT FLOORING & BASE |
|---|--|
| PT-1: MANUFACTURER: RODDA PAINT PRODUCT: UNIQUE II LOW-GLOSS (532001) COLOR: HAYSTACK (087) 1 FINISH: LOW GLOSS EGGSHELL LOCATIONS: CLASSROOM WALL FINISH | RB-1: MANUFACTURER: FLEXCO PRODUCT: WALLFLOWERS RUBBER COVE BASE SIZE: 4" 1 COLOR: WINSOR LOCATIONS: AT WALLS WHERE NEW PAINT IS APPLIED, TYPICAL. |
| PT-2: MANUFACTURER: RODDA PAINT PRODUCT: UNIQUE II LOW-GLOSS (532001) COLOR: MARTICA (0811) FINISH: LOW GLOSS EGGSHELL LOCATIONS: CORRIDOR WALL FINISH | PAINT AND RUBBER BASE NOTE: 1 - PATIN COLOR NOTE GC TO COLOR MATCH EXISTING WALL COLORS AND PROVIDE PAINT DRAWDOWNS FOR ARCHITECT'S REVIEW. |
| PT-3: MANUFACTURER: RODDA PAINT PRODUCT: MULTI MASTER DTM OR EQUAL COLOR: VELVET ROBE (1276) LOCATIONS: DOOR FRAME | - RUBBER BASE COLOR GC TO COORDINATE FINAL COLOR SELECTION WITH ARCHITECT AND EXTENT OF REPAIR/REPLACEMENT. SEE SCOPE OF WORK FOR ADD ALTERNATE. |



ENLARGED PLAN - TYPICAL CLASSROOM
1/8" = 1'-0"



TYPICAL ELEVATION - CLASSROOM WALL
1/4" = 1'-0"



KEYPLAN
1" = 60'-0"

GENERAL NOTES - FLOOR PLAN

- REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
- REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.
- DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES PARTICULARLY OF STATED INTERIOR CLEAR DIMENSIONS.
- WHERE DIMENSIONS ARE LISTED AS 'CRITICAL CLEAR' THESE DIMENSIONS MUST ABSOLUTELY BE HELD FOR ADA OR EGRESS COMPLIANCE. DIMENSIONS LISTED WITH +/- TYPICALLY HAVE SOME CONSTRUCTION TOLERANCE.
- PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
- ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWCI STANDARDS.
- PROVIDE SOLID WOOD BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

LEGEND - FLOOR PLANS

| WALL TAG | STUD SIZE LEGEND |
|-----------------------|----------------------------|
| 111A | 7/8" FURRING CHANNEL |
| 111A | 1 1/2" FURRING CHANNEL |
| 111A | 1 5/8" METAL STUD |
| 111A | 2 1/2" METAL STUD |
| 111A | 3 5/8" METAL STUD |
| 111A | 4" METAL STUD |
| 111A | 6" METAL STUD |
| 111A | 8" METAL STUD |
| 111A | 2 1/2" C-H SHAFT WALL STUD |
| 111A | 4" C-H SHAFT WALL STUD |
| 111A | 6" C-H SHAFT WALL STUD |
| DOOR TAG - UNIQUE | BRACING CONDITION |
| 102 | A HEAD @ (E) ACT |
| 102 | B HEAD @ (E) SOFFIT/HEADER |
| 102 | C HEAD @ PARTITION TRACK |
| DOOR TAG - REPEATABLE | |
| 34A | |
| WINDOW TAG | |
| A | |
| KEY NOTE | |
| 1 | KEY NOTE - SEE SCHEDULE |

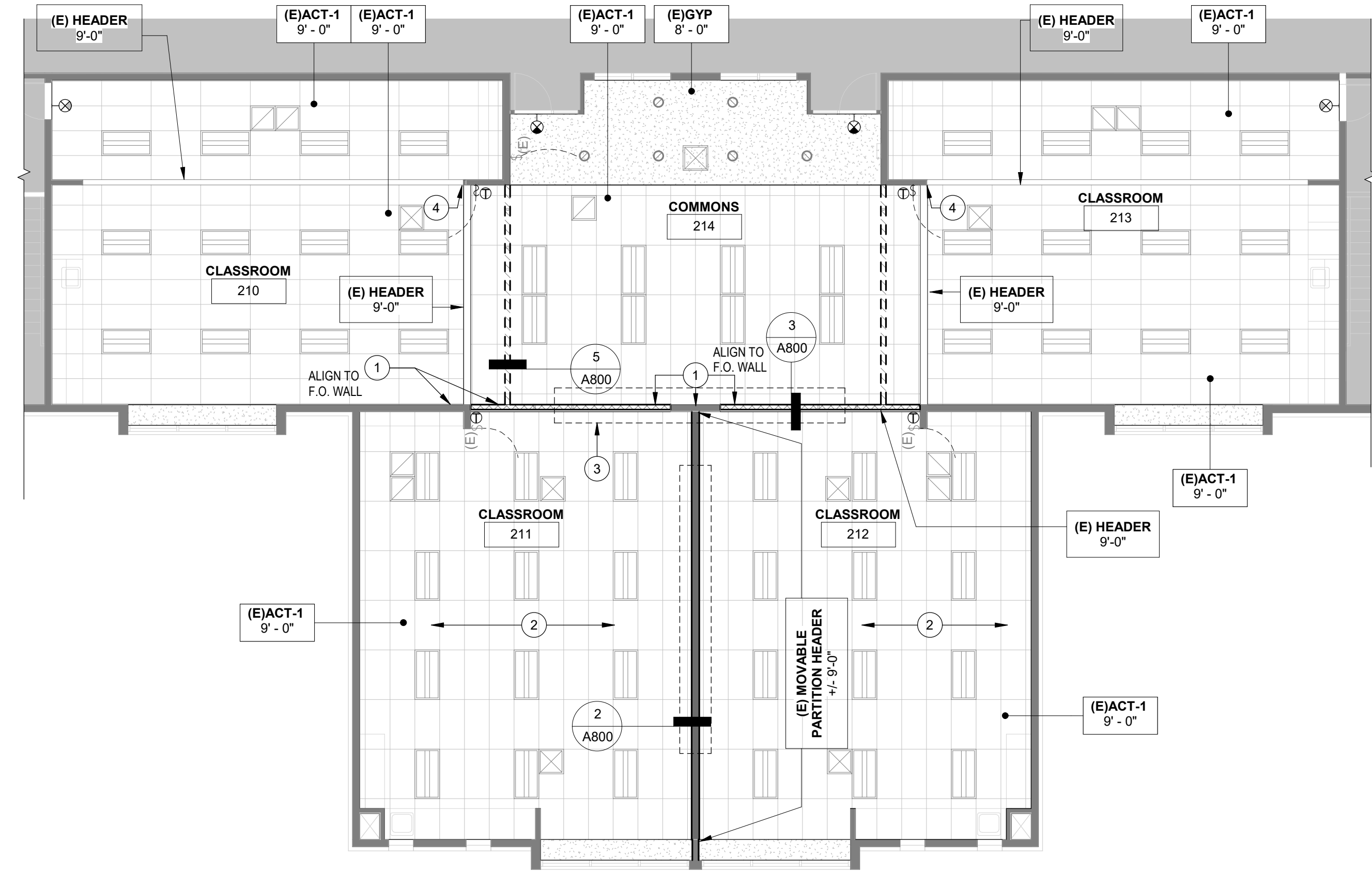
LIGHTING AND CEILING MATERIALS - LEGEND

| FINISHES KEY. SEE FINISH SCHEDULE FOR TYPES | |
|---|--|
| ACT-1 (24 x 48) | GWB: (SEE TYPE) |
| WALL BRACING KEY - REFER TO PARTITION DETAILS | |
| COMPOSITE WALL TO PARTITION TRACK | SEE WALL DETAIL C/A800. |
| BRACED WALL, BELOW GWB HEADER | SEE WALL DETAIL B/A800. |
| BRACED WALL, BELOW TILE CEILING | SEE WALL DETAIL A/A800. |
| CEILING TAG | |
| ACT-1 (10'-0") | CEILING TYPE - SEE SCHEDULE |
| ACT-1 (10'-0") | CEILING HEIGHT AFF |
| LIGHTING & FIXTURE KEY. SEE SPECIFICATIONS AND ELEVATIONS FOR DETAILS | |
| SWITCH LOCATION | EXIT LIGHT (BATTERY BACKUP) - ARROW DESIGNATES DIRECTION |
| D = DIMABLE OS = OCCUPANCY SENSOR 3 = 3-WAY SWITCH | OUTLET LOCATION - ABOVE 96" CEILING |
| TROFFER FIXTURE - 2 x 2 | TROFFER FIXTURE - EMERGENCY POWER |

| KEYED NOTES - RCP | |
|-------------------|---|
| 1 | ALIGN FACE OF FINISH. |
| 2 | AREA OF HVAC WORKSCOPE: NEW TERMINAL UNIT IN THIS AREA. SEE MECHANICAL FOR TYPICAL LOCATION. |
| 3 | GC TO PATCH BACK ALL PENETRATION AROUND NEW DUCTING AND/OR EXISTING PENETRATION FOLLOWING HVAC DEMOLITION. SEE MECHANICAL FOR TYPICAL LOCATION AND SCOPE. |
| 4 | RELOCATE LIGHT SWITCH WHERE CONFLICT OCCURS WITH EXISTING SWITCH LOCATION AND NEW PARTITION. PARTCH, REPAIR AND PAINT GWB AROUND THE AREA SEAMLESS TO ADJACENT CONDITION. |

ELECTRICAL SCOPE: SEE ELECTRICAL FOR ALL EXISTING TO REMAIN AND EXISTING TO RELOCATE EXIT SIGNS AND LIGHT SWITCHES.

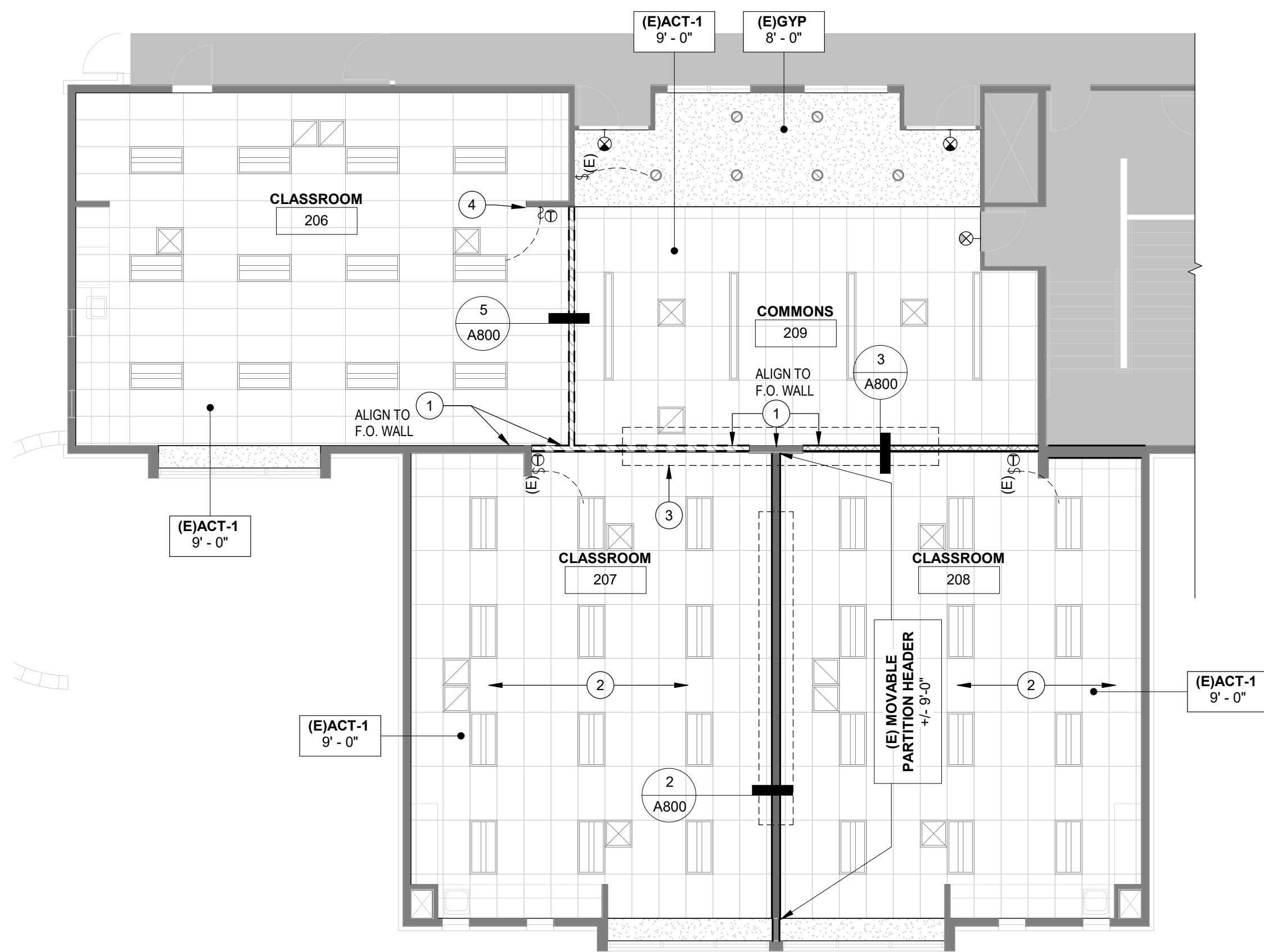
AREA OF HVAC WORKSCOPE: GC TO REPLACE ALL CEILING TILE AND GRID AND REPAIR AS NECESSARY TO THE EXTENT REQUIRED TO ACCOMODATE NEW MECHANICAL WORK SCOPE. SEE MECHANICAL.



1 ROOM NUMBERS ARE UPDATED

TYPICAL ENLARGED CEILING PLAN #1

1/8" = 1'-0"



1 ROOM NUMBERS ARE UPDATED

TYPICAL ENLARGED CEILING PLAN #2

1/8" = 1'-0"

GENERAL NOTES - REFLECTED CEILING PLANS

- A. LIGHTING SHOWN IS FOR DESIGN INTENT ONLY. THE GENERAL CONTRACTOR IS REQUIRED TO PROVIDE A COMPLETE LIGHTING SYSTEM THAT MEETS ALL LOCAL REGULATORY CODES. REFER TO G001 FOR DESIGN BUILD REQUIREMENTS, G101 FOR EMERGENCY LIGHTING REQUIREMENTS AND THE LOCAL ENERGY CODE FOR DAYLIGHT ZONE REQUIREMENTS.
1. SPECIFICATION OF LUMENS AND/OR LIGHT LEVELS IS DESIGN/BUILD. IN GENERAL, PROVIDE LIGHT LEVELS TO MATCH THE ILLUMINATED ENGINEERING SOCIETY (IES) LIGHTING HANDBOOK RECOMMENDATIONS.
2. CONFIRM AND PROVIDE EMERGENCY EGRESS LIGHTING OF A MINIMUM 1 FC AT ALL TIMES ALONG EGRESS PATHS. COORDINATE SWITCHING, GENERATOR POWER OR BATTERY BACKUP OF ALL LIGHT FIXTURES.
- B. DESIGN REQUIREMENT FOR ALL CEILINGS MUST MEET THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE FOR SEISMIC CATEGORIES D, E & F, ASCE 7-02, OR 05, OR CISCA RECORDATION FOR SEISMIC ZONES 3 & 4 OR TO THE LOCAL REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION. SEE GENERAL NOTES ON A810 FOR DESIGN REQUIREMENTS.
- C. COORDINATE ALL SWITCHING WITH OWNER FOR PREFERRED LOCATIONS.
1. ALL OFFICES AND INDIVIDUAL ROOMS TO BE SWITCHED INDEPENDENTLY. PROVIDE AN OCCUPANCY SENSOR TO ALL ENCLOSED ROOMS.
2. COORDINATE OPEN AREA SWITCHING WITH THE TENANT FOR PREFERRED LOCATIONS.
3. COORDINATE FINAL LOCATION OF PENDANTS WITH FURNITURE. VERIFY LOCATION WITH OWNER OR DESIGNER PRIOR TO FINAL PLACEMENT.
4. WHERE ACCENT LIGHTING IS DESIGNATED, SEPARATE SWITCHING IS PROPOSED AND DESIGNATED BY DASHED LINES WITHIN THIS DRAWING.
- D. CENTER ALL FIXTURES AND SPRINKLER HEADS WITHIN CEILING TILES, ALIGN RECESSED FIXTURES AND SPRINKLER SYSTEMS.
- E. CENTER ALL LIGHTING FIXTURES BETWEEN CEILING GRID OR ADJACENT WALLS, UNLESS INDICATED OTHERWISE.
- 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.
- G. WITHIN NON-ACT CEILINGS (I.E. HARDLID), PROVIDE THE FOLLOWING :
- SPRINKLER HEADS: FULLY CONCEALED, COLOR TO MATCH CEILING
HVAC GRILLS: LINEAR DIFFUSERS AND RETURNS
ACCESS PANELS: FULLY FLUSH RECESSED
- H. WHERE CEILINGS RECEIVE A FINISH OTHER THAN WHITE PAINT OR MANUFACTURER'S ACT, PROVIDE WALL MOUNTED STROBES, HORNS, EGRESS SIGNS OR OTHER CODE REQUIRED ITEMS.
- I. SEE SECTION 01 91 13 - GENERAL COMMISSIONING REQUIREMENTS FOR MECHANICAL AND CONTROL SCOPE TO BE COMMISSIONED.

LIGHTING AND CEILING MATERIALS - LEGEND

FINISHES KEY. SEE FINISH SCHEDULE FOR TYPES

ACT-1:
(24 x 48)

GWB:
(SEE TYPE)

WALL BRACING KEY - REFER TO PARTITION DETAILS

COMPOSITE WALL TO PARTITION TRACK - SEE WALL DETAIL C/A800.

BRACED WALL, BELOW GWB HEADER - SEE WALL DETAIL B/A800.

BRACED WALL, BELOW TILE CEILING - SEE WALL DETAIL A/A800.

EXISTING WALLS

CEILING TAG

ACT-1 - 10'-0" - CEILING TYPE - SEE SCHEDULE

ACT-1 - 10'-0" - CEILING HEIGHT AFF

LIGHTING & FIXTURE KEY. SEE SPECIFICATIONS AND ELEVATIONS FOR DETAILS

LIGHTING TAG - SEE SCHEDULE

EXISTING TROFFER FIXTURE - 2 x 4

EXISTING LINEAR PENDANT - 96"

EXISTING RECESSED LIGHT

THERMOSTAT SEE MECHANICAL

SWITCH LOCATION

EXIT LIGHT (BATTERY BACKUP) EXISTING

NEW/RELOCATED

D = DIMABLE
OS = OCCUPANCY SENSOR
3 = 3-WAY SWITCH

OUTLET LOCATION - ABOVE 96" CEILING

HVAC SYMBOLS. SEE MECHANICAL SHEETS AND SPECIFICATIONS FOR DETAILS

NOTE:
CONTRACTOR TO REPLACE CEILING TILE AND GRID TO THE EXTENT REQUIRED TO ACCOMMODATE NEW DUCT WORK.

NEW RETURN GRILL

EXISTING RETURN GRILL

EXISTING SUPPLY DIFFUSER

HVAC ELEMENT TO BE DEMOLISHED

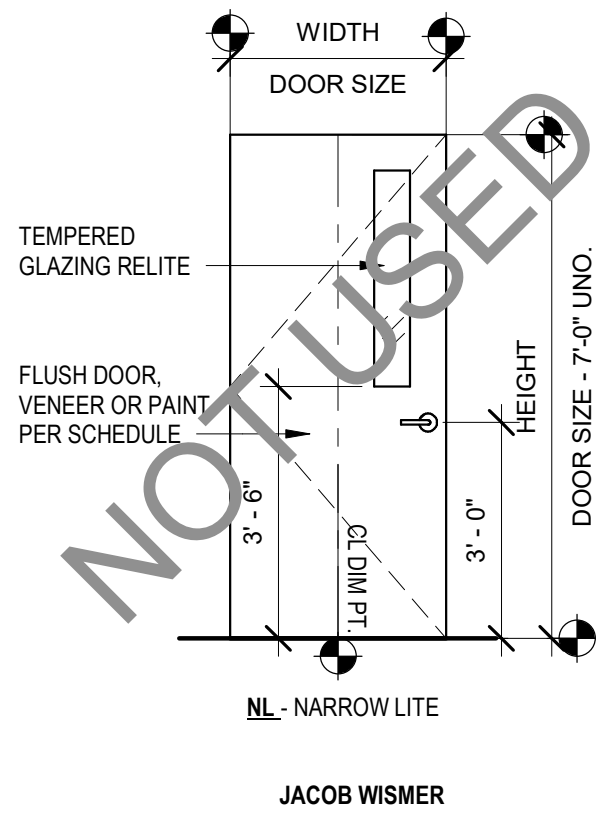
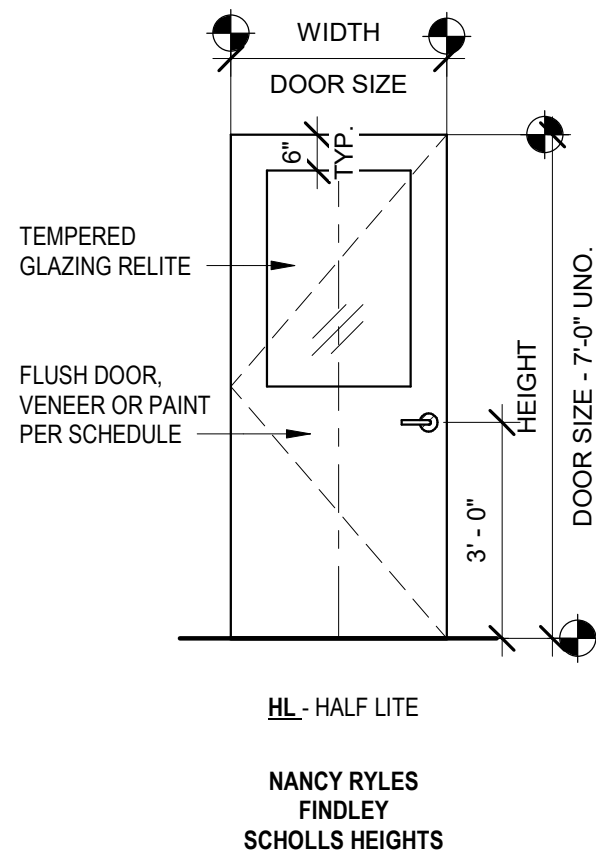
GENERAL NOTES - PROJECT SIGNAGE

- A. COORDINATE ALL SIGNAGE WITHIN THE PROJECT, INCLUDING CODE REQUIRED SIGNAGE, WITH EXISTING BUILDING SIGNAGE
- B. CODE REQUIRED SIGNAGE, SUCH AS STAIRWAY SIGNAGE AND ACCESSIBLE PARKING SIGNAGE, TO BE PROCURED AND INSTALLED BY THE GENERAL CONTRACTOR. PROVIDE DETAILED INFORMATION ON SIZE, FONT AND COLOR WITHIN A SUBMITTAL FOR ARCHITECT AND OWNER REVIEW.
- C. ROOM SIGNAGE IS OWNER FURNISHED AND CONTRACTOR INSTALLED. COORDINATE EXTENTS AND LOCATION WITH OTHER WALL MOUNTED ITEMS. PROVIDE AN ALLOWANCE FOR THE PATCH AND REPAIR OF EXISTING WALLS WHERE EXISTING SIGANGE IS RELOCATED OR REPLACED.



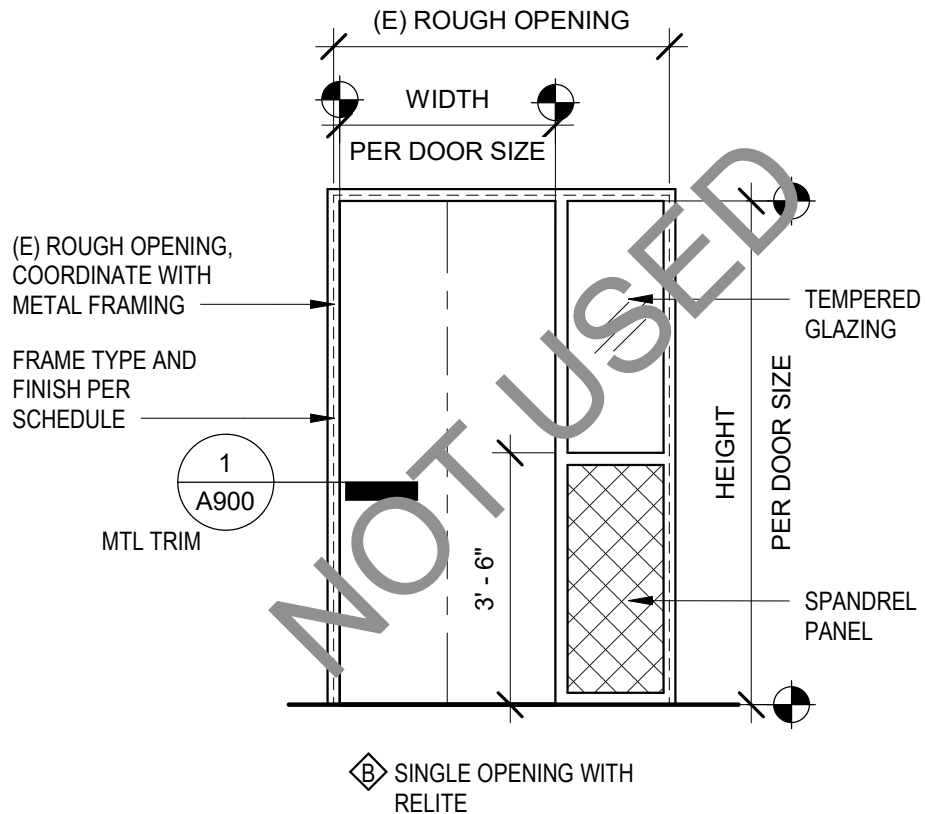
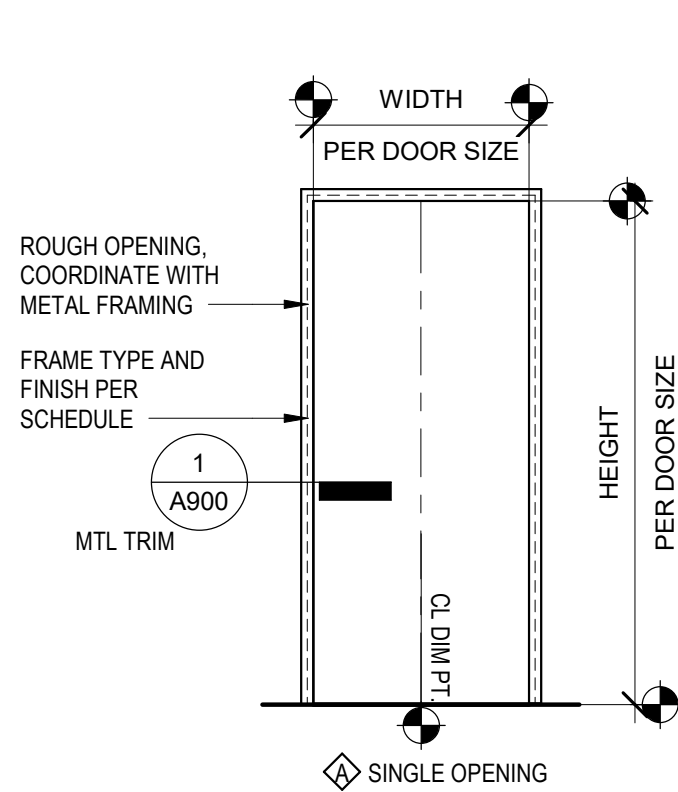
EXISTING DOOR AT COMMONS, GENERAL CONTRACTOR TO MATCH RELITE AND WOOD GRAINING.

NOTE: MATCH EXISTING DOOR RELITE SIZES, WOOD GRAIN, STAIN AND GENERAL LOOK OF DOORS WITHIN EXISTING LOCATIONS. PROVIDE PHOTOGRAPH OF EXISTING DOOR WITHIN DOOR SUBMITTAL.



DOOR TYPES

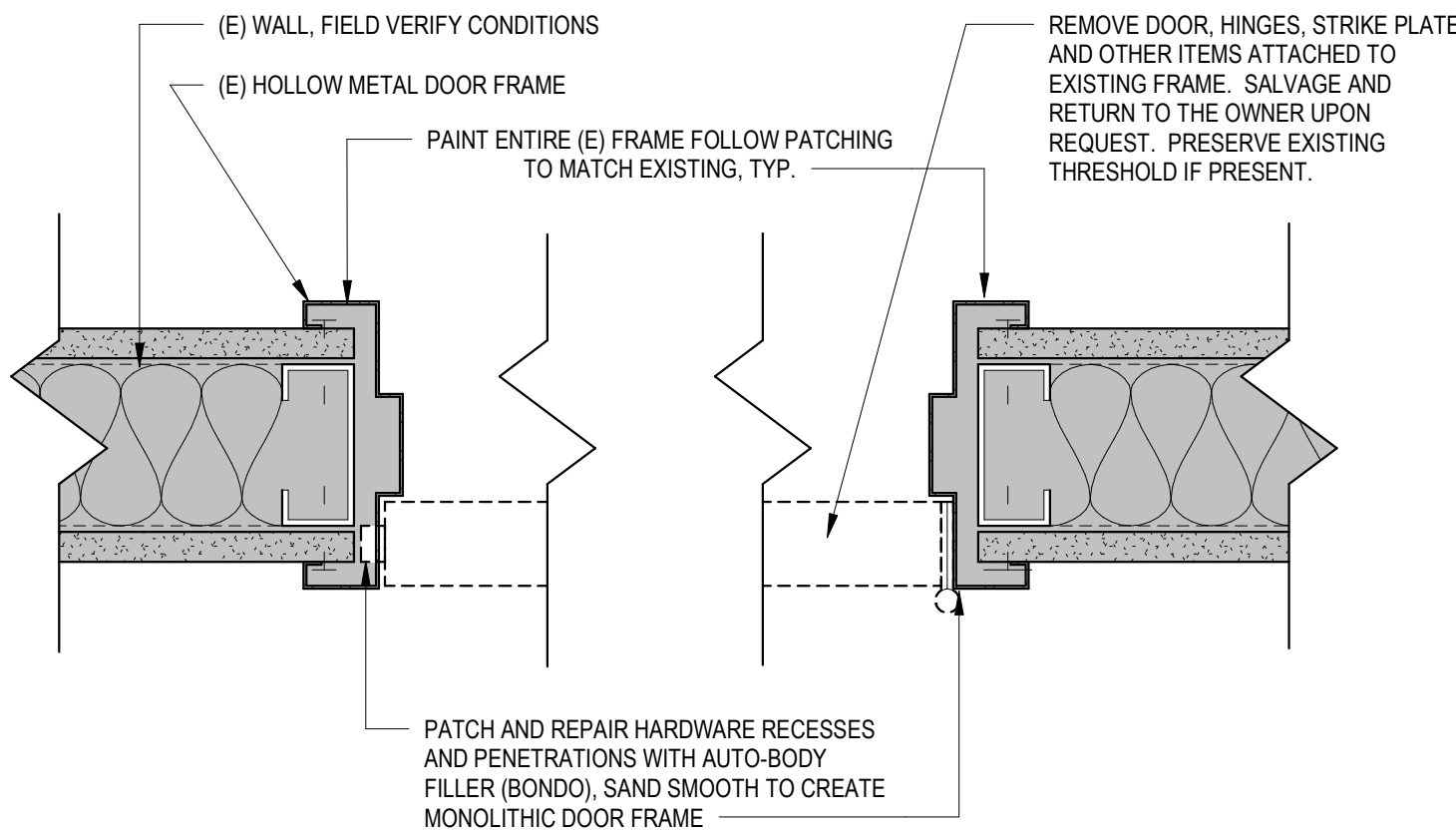
3/8" = 1'-0"



DOOR FRAME TYPES

3/8" = 1'-0"

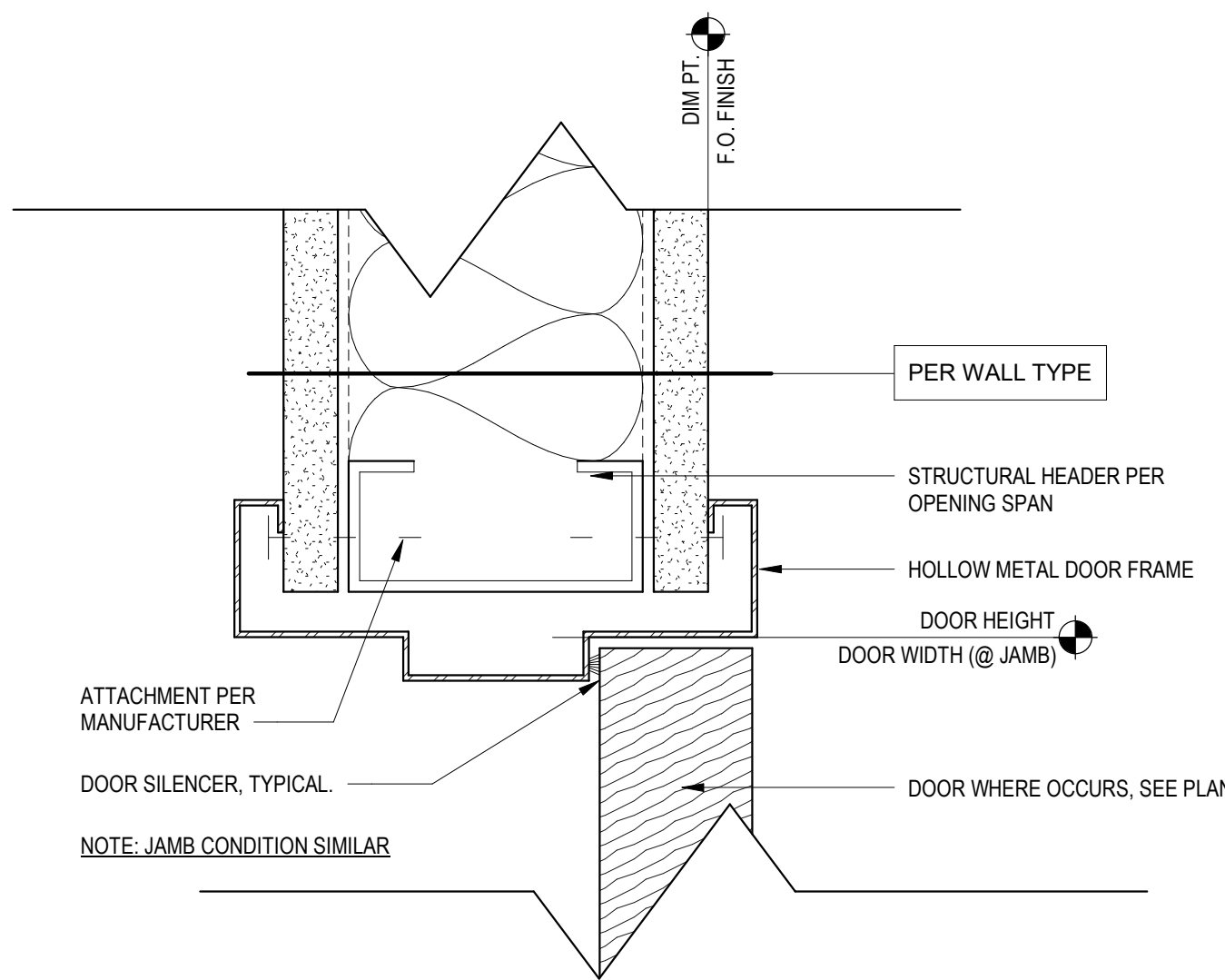
| DOOR SCHEDULE | | | | | | | | | | | | | | | |
|---------------|-------|---------------|--------|-------|-------------|----------|--------|---------------|-------------|------|-----------|----------|----------------|-------|---|
| DOOR TYPE | Count | FINISHED SIZE | | FRAME | | | | | DOOR | | | | HARDWARE GROUP | NOTES | |
| | | WIDTH | HEIGHT | TYPE | FIRE RATING | MATERIAL | FINISH | TRIM MATERIAL | TRIM FINISH | TYPE | THICKNESS | MATERIAL | | | FINISH |
| HL/A | 20 | 3'-0" | 7'-0" | A | N/A | HM | PT | STL | PT | HL | 1 3/4" | WD | SEE NOTE | 2 | MATCH EXISTING CLASSROOM DOOR RELITE, GRAINING AND FINISH. PROVIDE NEW BLIND AT RELITE TO MATCH (E) BUILDING STANDRD. CONTRACTOR TO VERIFY THE FINAL DOOR COUNT. DOOR PANEL BOD TRUDDOOR MASONITE ROTARY NATURAL BIRCH FINISH - CANE |



OPENING - (E) FRAME REPAIR

3" = 1'-0"

2



OPENING - HEAD/JAMB - HOLLOW METAL

6" = 1'-0"

1

GENERAL NOTES - DOORS

- A. REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- B. DIMENSIONS SHOWN FOR DOORS AND WINDOWS ARE TYPICALLY FINISHED OPENING DIMENSIONS. COORDINATE ROUGH OPENING DIMENSIONS PER MANUFACTURER RECOMMENDATIONS WITH SELECTED OPENING.
- C. EXIT DOORS TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE OR FORCE.
- D. THE MAIN EXIT TO DOOR TO HAVE SIGNAGE ABOVE THE DOOR READING "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."
- E. ALL NEW DOORS TO BE SOLID WOOD, PAINT GRADE UNLESS NOTED OTHERWISE.
- F. PROVIDE NEW ADA LEVER STYLE DOOR HARDWARE TO MATCH BUILDING STANDARD. (SCHLAGE 'ND', SERIES, RHODES STYLE)
- G. ALL NEW FRAMES TO BE FULLY WELDED UNLESS NOTED OTHERWISE. (CURRIES 16 GA.)
- H. PROVIDE TEMPERED GLAZING IN ALL DOORS AND RELITES UNLESS NOTED OTHERWISE.
- I. REFER TO ELEVATIONS FOR DOOR AND FRAME PAINT FINISH WHERE PAINT IS USED.

MATERIAL LEGEND

| | | | |
|-----|-----------------------|----------|-------------------------|
| (E) | EXISTING | WD | WOOD - SOLID CORE |
| GL | GLASS - TEMPERED | HC | WOOD - HOLLOW CORE |
| MDF | MDF - TRIM | MTL | METAL - SOLID CORE |
| MFR | MANUFACTURER'S FINISH | STL - KD | STEEL FRAME - KNOCKDOWN |
| PT | PAINT | HM | HOLLOW METAL FRAME |
| TS | TRANSPARENT STAIN | ALUM | ALUMINUM STOREFONT |

HARDWARE GROUPS

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

ALL NEW HARDWARE TO BE SATIN CHROME (US26D), UNO.

DOOR FRAMES: CURRIES 16 GA FULLY WELDED - EQUAL RABBIT
LEVER HARDWARE SETS: SCHLAGE ND SERIES VANDL GARD, "RHODES"
CORES: SCHLAGE FULL SIZE INTERCHANGEABLE (FSIC) CYLINDERS
HINGES: IES HW 4.5" X 4.5" NRP
PANIC BARS: VON DUPRIN EL 99 OR XP99
CLOSERS: LCN 4010 (INWARD SWING), LCN 4111 (OUTWARD SWING)
STOPS: BMA 626, IVES OR EQUAL
KICK PLATE: STAINLESS STEEL, FULL WIDTH

GROUP 1: COMMONS (PANIC HARDWARE)
(3) PAIR BUTTS - 4 1/2"
PANIC HARDWARE
CLOSER
WALL STOP TYPICAL UNO.
SILENCER
KICK PLATE

GROUP 2: CLASSROOM
(3) PAIR BUTTS - 4 1/2"
LEVER SET - "CLASSROOM" TYPE
WALL STOP TYPICAL UNO.
SILENCER
KICK PLATE

PROVIDE WINDOW TREATMENT/BLIND AT DOOR RELITE, TYP.

REVISIONS:

1 BID ADDENDUM 12/06/22

PROJECT: 21005.04
DATE: 11/10/2022

DOORS, FRAMES,
HARDWARE
SCHEDULE &
TYPICAL OPENING
DETAILS

A900

| ABBREVIATIONS | | |
|--|---|-------|
| A | AMPERE (AMP) | KVAR |
| AAF | ABOVE ACCESS FLOOR | KW |
| ABF | AIRBLOW FIBER | KWH |
| AC | ABOVE COUNTER | LEC |
| AFF | ABOVE FINISHED FLOOR | LED |
| AHJ | AUTHORITY HAVING JURISDICTION | LV |
| AIC | AMPS INTERRUPTING CURRENT | MATV |
| ALT | ALTERNATE | MCA |
| AN | ANALOG | MCB |
| ARCH | ARCHITECT / ARCHITECTURAL | MCC |
| ARM | ARMORED | MDF |
| ATS | AUTOMATIC TRANSFER SWITCH | MDP |
| AV | AUDIO VISUAL | MECH |
| AVC | AUDIO VISUAL CONTRACTOR | MH |
| BC | BONDING CONDUCTOR | MHz |
| BDF | BUILDING DISTRIBUTION FACILITY | MLO |
| BMS | BUILDING MANAGEMENT SYSTEM | MTS |
| BCC | BOTTOM OF CONDUIT | N |
| BOCT | BOTTOM OF CABLE TRAY | NAC |
| C | CONDUIT | NIC |
| CATV | (CABLE TV) COMMUNITY ACCESS TELEVISION | OFCI |
| CB | CIRCUIT BREAKER | OFE |
| CCTV | CLOSED CIRCUIT TELEVISION | OFOI |
| CF | CELLULAR FLOOR | OSP |
| CKT | CIRCUIT | PA |
| CLG | CEILING | PB |
| CO | CENTRAL OFFICE | PE |
| CPE | CUSTOMER UNIVERSAL ENCLOSURE | PF |
| CT | CURRENT TRANSFORMER | PMV |
| CU | COPPER | PNL |
| CUE | CONCRETE UNIVERSAL ENCLOSURE | PON |
| DAS | DISTRIBUTED ANTENNA SYSTEM | PPL |
| dB | DECIBEL | PVC |
| DB | DUCT BANK | PWR |
| DML | DOUBLE MAIN LUGS | R/W |
| DN | DOWN | RAD |
| E | EAST | RG |
| EQ | EQUAL DISTANT | S |
| EC | ELECTRICAL CONTRACTOR | SAA |
| EF | ENTRANCE FACILITY | SACP |
| EM | EMERGENCY | SDP |
| EMC | ELECTROMAGNETIC COMPATIBILITY | SMB |
| EMI | ELECTROMAGNETIC INTERFERER | SPD |
| EMT | ELECTRIC METALLIC TUBING | ST |
| EPO | EMERGENCY POWER OFF | STS |
| EP | ENTRANCE POINT | SW |
| EP | EXPLOSION PROOF | TBB |
| ER | EQUIPMENT ROOM | TBC |
| FA | FIRE ALARM | TBD |
| FAA | FIRE ALARM ANNUNCIATOR | TE |
| FACP | FIRE ALARM CONTROL PANEL | TGB |
| FLA | FULL LOAD AMPS | TL |
| FO | FIBER OPTIC | TMGB |
| FSD | FIRE SMOKE DAMPER | TO |
| GC | GENERAL CONTRACTOR | TP |
| GFI | GROUND FAULT INTERRUPTER | TR |
| GFCI | GROUND FAULT CIRCUIT INTERRUPTER | TTB |
| GHz | GIGAHERTZ | TTC |
| GND | GROUND | TV |
| GRC | GALVANIZED RIGID CONDUIT | TVSS |
| GRD | GROUND | TYP |
| GRS | GALVANIZED RIGID STEEL CONDUIT | U |
| HH | HANDHOLE | UC |
| HP | HORSEPOWER | UG |
| HPS | HIGH PRESSURE SODIUM | UON |
| HV | HIGH VOLTAGE | UPS |
| HZ | HERTZ | V |
| IBC | INTERNATIONAL BUILDING CODE | VA |
| IDF | INTERMEDIATE BUILDING DISTRIBUTION FACILITY | VP |
| IG | ISOLATE GROUND | W |
| IR | INTERRUPTING RATING | WAO |
| JB | JUNCTION BOX | WAP |
| KV | KILOVOLT | WP |
| KVA | KILOVOLT AMP | XFMR |
| | | XSISW |
| *REFER TO DISCIPLINE SYMBOL LISTS FOR MORE ABBREVIATIONS | | |

| GENERAL SYMBOLS | | |
|-----------------|--|--------------------------------------|
| | | EQUIPMENT DESIGNATOR - SEE SCHEDULE. |
| | | EXISTING TO REMAIN |
| | | EXISTING TO BE REMOVED |
| | | EXISTING TO BE RELOCATED |
| | | NEW |
| | | KEYED NOTE |

| NOTE | |
|---|--|
| THIS IS A STANDARD LEGEND SHEET, THEREFORE, SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS. | |

| WORK RESPONSIBILITY | |
|--|--|
| ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN CONDUIT, DEVICES, BOXES, CONDUCTORS, AND TRANSITIONS AROUND OBSTRUCTIONS WHETHER SHOWN ON DRAWINGS OR NOT SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER. | |

| GENERAL NOTES (APPLIES TO ALL DRAWINGS) | |
|--|---|
| A. | WHERE EXACT DIMENSIONS ARE NOT CALLED FOR, DO NOT SCALE DRAWINGS TO DETERMINE LOCATION OF EQUIPMENT, JUNCTION BOXES, OUTLET BOXES, WIRE WAYS, PANELS, ETC. SEE ARCH FOR EXACT DIMENSIONS. |
| B. | CONDUIT RUNS SHOW ONLY INTERCONNECTION BETWEEN THE TERMINATION POINTS. THE EXACT PATH OF THE CONDUIT IS TO BE DETERMINED BY THE CONTRACTOR. THERE SHALL BE A MINIMUM OF ONE PULL BOX FOR EVERY 100 FEET OF STRAIGHT EMPTY CONDUIT AND A PULL BOX FOR MORE THAN TWO 90 DEGREE BENDS IN A CONDUIT RUN. ALL CONDUIT SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED, AND FURNISHED WITH PULL WIRES. |
| C. | POWER CIRCUITS FOR THE AUDIOVISUAL SYSTEMS MUST BE ON THE SAME TRANSFORMER PHASE, BUT NOT ON THE SAME PHASE AS ANY COMPRESSORS, MOTORS, OR LIGHTING DIMMING SYSTEMS. |
| D. | ALL EQUIPMENT MUST BE COMPLETELY BONDED TO A TRUE EARTH COMMON GROUND OR VERIFY GROUNDING REQUIREMENTS WITH ELECTRICAL EQUIVALENT FOR PROPER OPERATION. |
| E. | FOR TELECOM OUTLETS WITH 1-6 CABLES, PROVIDE 1" C. TO DOUBLE-GANG DEEP BOX WITH SINGLE-GANG MUD RING AND 2, 4 OR 6 PORT FACEPLATE AS REQUIRED. |
| F. | FOR TELECOM OUTLETS WITH 7-12 CABLES, PROVIDE TWO (2) 1" C. TO DOUBLE-GANG DEEP BOX WITH DOUBLE-GANG MUD RING AND TWO (2) 2, 4 OR 6 PORT FACEPLATES AS REQUIRED. |
| G. | FOR ALL DATA OUTLETS AND CAMERAS, PROVIDE CATEGORY 6 CABLE AND JACKS. FOR ALL WIRELESS ACCESS POINTS (WAPs), PROVIDE (2) CATEGORY 6A CABLES AND JACKS. |

| POWER SYMBOLS | |
|---------------|---|
| | WALL RECEPTACLE: DUPLEX, 4-PLEX |
| | FLOOR RECEPTACLE: DUPLEX, 4-PLEX |
| | CEILING RECEPTACLE: DUPLEX, 4-PLEX |
| | WALL RECEPTACLE: MOUNTING HEIGHT |
| | SPECIAL RECEPTACLE: WALL |
| | JUNCTION BOX: WALL, FLOOR, CEILING |
| | DISCONNECT SWITCH: FUSED, CIRCUIT BREAKER |
| | MOTOR CONNECTION |
| | PANEL & CIRCUIT NUMBER |
| | DENOTES DUPLEX RECEPTACLE ON DROP CORD |
| | PUSHBUTTON: WALL |
| | ADA DOOR ASSIST BUTTON: WALL |
| | WIRE CONCEALED IN FLOOR OR UNDERGROUND |
| | RACEWAY AND CONDUCTORS REMOVED AS PART OF DEMOLITION |
| | CONDUIT ELL: UP, DN |
| | ELECTRICAL DUCT BANK |
| | GROUND ROD, 10' LONG, 5/8" DIAMETER, COPPER. BOND TO LOCAL CIRCUIT GROUND CONDUCTOR |
| | ELECTRICAL DISTRIBUTION CABINET |
| | ELECTRICAL DISTRIBUTION PANEL: SURFACE, RECESSED |
| | ELECTRICAL TRANSFORMER |

| ONE-LINE SYMBOLS | |
|------------------|-------------------------------------|
| | CONDUCTORS & CONDUIT |
| | CONDUCTORS & CONDUIT TO BE REMOVED |
| | CIRCUIT BREAKER, MOLDED CASE SWITCH |
| | BUS |
| | ATS |
| | METER |
| | PANEL |
| | MAIN GROUNDING BAR |
| | CONNECTION TO GROUND |
| | TRANSFORMER |

| LIGHTING SYMBOLS | |
|------------------|---|
| | PHOTOCELL: CEILING, WALL MOUNTED |
| | DUAL TECHNOLOGY, OCCUPANCY SENSOR: CEILING MOUNTED, WALL MOUNTED |
| | DUAL TECHNOLOGY, VACANCY SENSOR: CEILING MOUNTED, WALL MOUNTED |
| | HA = LUMINAIRE TYPE DESIGNATION 1. = CIRCUIT NUMBER a = SWITCH DESIGNATION |
| | SINGLE GANG, STRAP MOUNTED CONTROL STATION. LIGHT SWITCH: OS = OCCUPANCY SENSOR, K = KEYED, 3 = 3-WAY LOW VOLTAGE DIMMER / PRESET CONTROL: D TIMER SWITCH: T |

| TELECOMMUNICATIONS SYMBOLS | |
|----------------------------|--|
| | DATA OUTLET: WALL, CEILING, FLOOR |
| | DATA OUTLET: CABLE/JACK QUANTITY (x2 U.O.N.) |
| | DATA OUTLET: MOUNTING HEIGHT |
| | DATA OUTLET: WALL PHONE (x1 CABLE/JACK) |
| | ASSISTIVE LEARNING SYSTEM |
| | ANALOG CLOCK: WALL, CEILING |
| | MASTER CLOCK: CEILING |
| | COMBINATION IP SPEAKER/IP CLOCK (ANALOG FACE) |
| | DIGITAL CLOCK: WALL, CEILING |
| | WIRELESS ACCESS POINT: WALL, CEILING. E = EXISTING |
| | ASSISTIVE LEARNING SYSTEM SPEAKER: CEILING |
| | ANALOG SPEAKER: WALL, CEILING |
| | IP SPEAKER: WALL, CEILING |
| | SPEAKER-HORN: WALL, CEILING |
| | ANALOG SPEAKER-HORN: WALL, CEILING, WP |
| | 2-WAY/ARA COMMUNICATION STATION: WALL M: MASTER STATION PS: POWER SUPPLY |
| | AV OUTLET: WALL, FLOOR, CEILING |
| | ASSISTIVE LEARNING SYSTEM: CONTROLLER |
| | ASSISTIVE LEARNING SYSTEM: INPUT / OUTPUT |
| | CATV OUTLET: WALL, CEILING |
| | INTERCOM STATION: WALL |
| | INTERCOM & VIDEO STATION: WALL |
| | INTERCOM MASTER STATION: WALL MAN: MASTER ANALOG MIP: MASTER IP |
| | WIRELESS CLOCK SIGNAL DISTRIBUTION ANTENNA: WALL |
| | ANALOG TELEPHONE OUTLET: WALL |

| TELECOM PATHWAYS AND ENCLOSURES SYMBOLS | |
|---|--|
| | CONDUIT |
| | UNDERGROUND CONDUIT |
| | AERIAL |
| | SPLICE |
| | MAINTENANCE HOLE |
| | VAULT (SUBSCRIPT +/-) |
| | POLES |
| | RACK (2 POST) |
| | RACK (4 POST) |
| | CABINET: SURFACE, RECESSED |
| | PULL BOX |
| | TELECOM UNDERGROUND VAULT |
| | CABLE PATHWAY FIRESTOPPING DEVICE |
| | CABLE TRAY: CENTER SUPPORT, OUTER SUPPORTS |
| | TELECOM GROUND BUS |
| | TELEPHONE BACKBOARD. |

| SECURITY SYMBOLS | |
|---|---|
| | CARD KEY READER STATION: WALL |
| | MOTION DETECTOR: WALL, CEILING |
| | DOOR ASSIST: WALL P: PANIC |
| | IDS KEYPAD: WALL |
| | DOOR HARDWARE: WALL ACP: ACCESS CONTROL PANEL DC: DOOR CONTACT DO: DOOR OPERATOR DH: DOOR HOLD OPEN DRP: DOOR RELEASE PANEL EC: ELECTRIC CYLINDRICAL LOCK SET EPT: ELECTRONIC POWER TRANSFER ES: ELECTRIC STRIKE IL: INTEGRATED LOCK LA: LOCAL ALARM LS: LATCH RETRACTION REX: REQUEST TO EXIT SENSOR RX: REQUEST TO EXIT SWITCH |
| | DOME SECURITY CAMERA: WALL, CEILING |
| | SINGLE LENS |
| | SINGLE LENS 180° |
| | SINGLE LENS 360° |
| | SINGLE LENS PTZ |
| | DOUBLE LENS |
| | QUAD LENS |
| *SEE DOOR HARDWARE SCHEDULE AND ASSOCIATED DETAILS FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS | |

| FIRE ALARM SYMBOLS | |
|--------------------|--|
| | MANUAL PULL STATION: WALL |
| | BELL: WALL |
| | STROBE: WALL, CEILING |
| | SPEAKER-STROBE: WALL, CEILING |
| | PHOTOELECTRIC SMOKE DETECTOR: WALL, CEILING |
| | PR: RELAY BASE PIB: ISOLATION BASE PT: HEAT DETECTOR |
| | BEAM SMOKE DETECTOR |
| | ADDRESSABLE MODULE: WALL, CEILING |
| | ARM |
| | ARM |
| | SWITCH: WALL, CEILING |
| | WF: WET SYSTEM |
| | PA: PREACTION SYSTEM |
| | VS: VALVE SUPERVISORY SWITCH |
| | PIV: POST INDICATOR VALVE |
| | LA: LOW AIR SWITCH |
| | HA: HIGH AIR SWITCH |
| | PR: PUMP RUNNING SIGNAL |
| | PT: PUMP TROUBLE SIGNAL |
| | REV: REVERSAL SIGNAL |
| | LT: LOW AIR TEMP |
| | LW: LOW WATER LEVEL |
| | DH: MAGNETIC DOOR HOLD |
| | FIRE ALARM CONTROL UNIT |
| | NOTIFICATION POWER SUPPLY |
| | REMOTE ANNUNCIATOR |
| | LOCAL OPERATOR CONSOLE |
| | EVAC AMPLIFIER |
| | FIRE ALARM TERMINAL CABINET |
| | ELEVATOR CONTROL MUDLE |
| | SPRINKLER CONTROL MODULE |
| | FIRE ALARM CONTROL PANEL |
| | WIRELESS MESH RADIO NETWORK |
| | DOCUMENT STORAGE BOX |

| Sheet List | |
|--------------|---------------------------------------|
| Sheet Number | Sheet Name |
| E001 | LEGEND AND ABBREVIATIONS - ELECTRICAL |
| E111 | FLOOR PLAN - MAIN LEVEL - ELECTRICAL |
| E112 | FLOOR PLAN - LOWER LEVEL - ELECTRICAL |

| |
|---------------------------------------|
| LEGEND AND ABBREVIATIONS - ELECTRICAL |
| E001 |

CLASSROOM WALLS PHASE 3 - SCHOLLS HEIGHTS ELEMENTARY SCHOOL

16400 SW LOON DR
BEAVERTON OR 97007
PERMIT SET

PROJECT: 21005.04
DATE: 11/10/22

| |
|---------------------------------------|
| LEGEND AND ABBREVIATIONS - ELECTRICAL |
| E001 |

REYES
ENGINEERING
321 NE Couch St, Suite 403
Portland, Or 97232
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REGISTERED PROFESSIONAL ENGINEER
18602PE
JULY 10, 1986
ELI ANANO V. REYES JR.
EXPIRES 12/31/2022

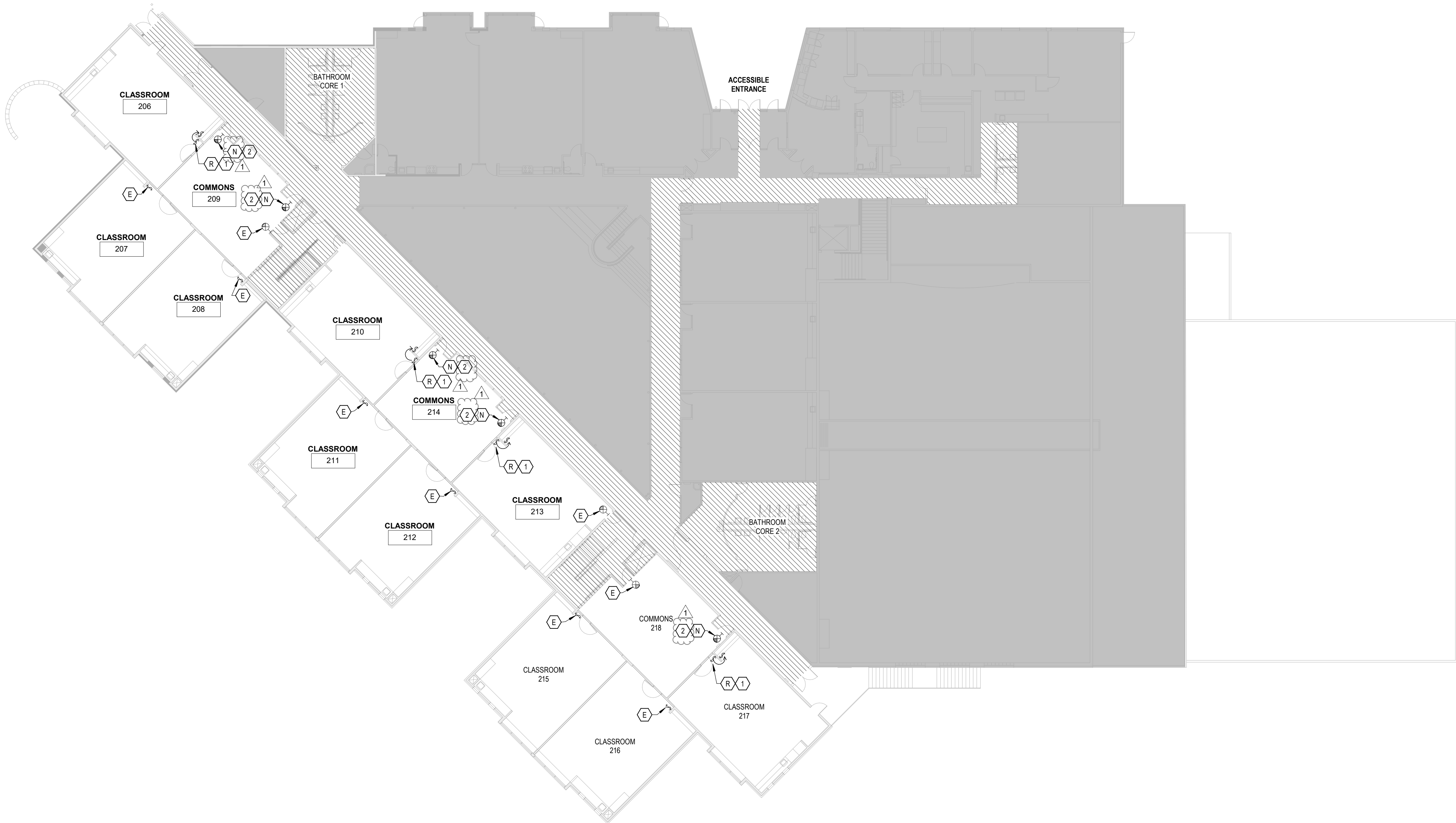
REVISIONS:
1 Adden #1 - 12/6/22

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FLOOR PLAN - MAIN LEVEL - ELECTRICAL
1/16" = 1'-0" 1

GENERAL NOTES

- A ALL CIRCUITS ARE TO BE DE-ENERGIZED PRIOR TO COMMENCING WORK.
- B CONTRACTOR TO CONFIRM SOURCE PANELS AND LINE TRACE CIRCUITS TO DETERMINE BREAKER SPACE.
- C INSPECT PHYSICAL CONDITION OF ALL WIRING INTENDED FOR INTERCEPTION AND EXTENSION.
- D PERFORM MEGGER/RESISTANCE TESTING AND NOTIFY ENGINEER OF DEFICIENCIES FOUND.
- E REFER TO AS-BUILT DOCUMENTATION FOR EXISTING SINGLE-LINE DIAGRAMS AND DEVICE LAYOUTS. ALTHOUGH THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCING WORK AND COMPENSATE OWNER FOR DAMAGES CAUSED BY FAILURE TO LOCATE OR PRESERVE UTILITIES.
- F FOR ITEMS TO BE DEMOLISHED, REMOVE WIRING, DEVICES, AND CONDUIT COMPLETE. DO NOT ABANDON IN PLACE UNLESS OTHERWISE NOTED. CONDUIT CAST IN-SLAB IS TO BE CUT-OFF BELOW GRADE AND ABANDONED.
- G DE-ENERGIZE, DISCONNECT, AND REMOVE ALL EXISTING ELECTRICAL INFRASTRUCTURE IN AREAS UNAFFECTED BY PROJECT DEMO.
- H RETAIN EXISTING ELECTRICAL RACEWAYS IDENTIFIED FOR INTERCEPTION AND EXTENSION IN AREAS UNAFFECTED BY DEMOLITION.
- I PERFORM INSTALLATION IN ACCORDANCE WITH THE CODES OF RECORD AND APPLICABLE DOE ORDERS, NATIONAL ELECTRICAL CODE (NEC), AND THE OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).
- J ELECTRICAL DRAWINGS ARE CONSIDERED DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF WORK AND SYSTEMS. COORDINATE ROUGH-IN REQUIREMENTS AND INSTALLATION REQUIREMENTS WITH OTHER TRADES.
- K PERFORM WORK FOR REMOVAL AND DISPOSAL OF EQUIPMENT AND MATERIALS CONTAINING TOXIC SUBSTANCES REGULATED UNDER THE FEDERAL TOXIC SUBSTANCES CONTROL ACT (TSCA) IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. APPLICABLE EQUIPMENT AND MATERIALS INCLUDE, BUT ARE NOT LIMITED TO:
- 1. PCB-CONTAINING ELECTRICAL EQUIPMENT, INCLUDING TRANSFORMERS, CAPACITORS, AND SWITCHES.
 - 2. PCB- AND DEHP-CONTAINING LIGHTING BALLASTS.
 - 3. MERCURY-CONTAINING LAMPS AND TUBES, INCLUDING FLUORESCENT LAMPS, HIGH INTENSITY DISCHARGE (HID), ARC LAMPS, ULTRA-VIOLET, HIGH PRESSURE SODIUM, MERCURY VAPOR, IGNITRON TUBES, NEON, AND INCANDESCENT.
- L REMOVE, RELOCATE, AND EXTEND EXISTING INSTALLATIONS TO ACCOMMODATE NEW CONSTRUCTION.
- M REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY.
- N REMOVE EXPOSED ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES. CUT CONDUIT FLUSH WITH WALLS AND FLOORS, AND PATCH SURFACES.
- O DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR ABANDONED OUTLETS THAT ARE NOT REMOVED.
- P DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.
- Q REPAIR ADJACENT CONSTRUCTION AND FINISHES DAMAGED DURING DEMOLITION AND EXTENSION WORK.
- R MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS THAT REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE.
- S REMOVE AND RESTORE WIRING WHICH SERVES USABLE OUTLETS CLEAR OF CONSTRUCTION OR DEMOLITION.

KEYED NOTES

- 1 RELOCATE EXISTING LIGHTING CONTROL SWITCH TO LOCATION INDICATED. WIRE AND CONNECT FOR A FULLY FUNCTIONING LIGHTING CONTROL SYSTEM FOR THE SPACE.
- 2 PROVIDE NEW EXIT SIGN. MOUNT TO HEADER ABOVE DOORFRAME. EXIT SIGN SHALL BE LED WITH STENCIL LETTERING, ALUMINUM OR PVC HOUSING, BACKLIT WITH 'EXIT' SPELLED OUT. LITHONIA, BARRON, OR APPROVED EQUAL.



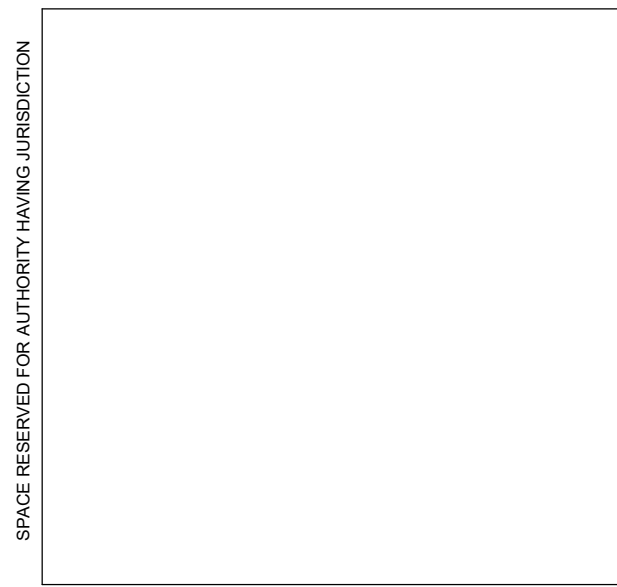
FLOOR PLAN - LOWER LEVEL - ELECTRICAL
1/16" = 1'-0" 1

GENERAL NOTES

- A ALL CIRCUITS ARE TO BE DE-ENERGIZED PRIOR TO COMMENCING WORK.
- B CONTRACTOR TO CONFIRM SOURCE PANELS AND LINE TRACE CIRCUITS TO DETERMINE BREAKER SPACE.
- C INSPECT PHYSICAL CONDITION OF ALL WIRING INTENDED FOR INTERCEPTION AND EXTENSION.
- D PERFORM MEGGER/RESISTANCE TESTING AND NOTIFY ENGINEER OF DEFICIENCIES FOUND.
- E REFER TO AS-BUILT DOCUMENTATION FOR EXISTING SINGLE-LINE DIAGRAMS AND DEVICE LAYOUTS, ALTHOUGH THE CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCING WORK AND COMPENSATE OWNER FOR DAMAGES CAUSED BY FAILURE TO LOCATE OR PRESERVE UTILITIES.
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MOUNT TO HEADER ABOVE DOORFRAME. EXIT SIGN SHALL BE LED WITH STENCIL LETTERING, ALUMINUM OR PVC HOUSING, BACKLIT WITH 'EXIT' SPELLED OUT. LITHONIA, BARRON, OR APPROVED EQUAL.



GENERAL NOTES - FLOOR PLAN

- REFER TO SHEET G001 FOR COMPLETE LIST OF GENERAL NOTES.
- REFER TO SHEET G101 FOR LOCATION OF RATED WALLS. MAINTAIN ALL RATINGS THROUGH RATED ASSEMBLIES INCLUDING THROUGH PENETRATIONS AND PERIMETER JOINT ASSEMBLIES.
- REFER TO SHEET A800 FOR TYPICAL PARTITION DETAILS AND TYPES INCLUDING STUD FRAMING AND HEADER REQUIREMENTS.
- REFER TO SHEET A800 FOR REQUIRED USE OF MOISTURE RESISTANT GYPSUM BOARD OR CEMENT BACKER BOARD LOCATIONS.
- DIMENSIONS ARE TO FACE OF WALL/FINISH UNLESS OTHERWISE NOTED. ADVISE ARCHITECT IN WRITING OF ANY DISCREPANCIES PARTICULARLY OF STATED INTERIOR CLEAR DIMENSIONS.
- WHERE DIMENSIONS ARE LISTED AS 'CRITICAL CLEAR' THESE DIMENSIONS MUST ABSOLUTELY BE HELD FOR ADA OR EGRESS COMPLIANCE. DIMENSIONS LISTED WITH 1/4" TYPICALLY HAVE SOME CONSTRUCTION TOLERANCE.
- PATCH AREAS ADJACENT OR ADJOINING DEMOLITION WORK TO MATCH EXISTING AND/OR NEW CONSTRUCTION.
- ALL NEW GYPSUM BOARD WALL SURFACES TO RECEIVE A SMOOTH, LEVEL 4 FINISH PER AWC1 STANDARDS.
- PROVIDE SOLID BLOCKING FOR ALL WALL MOUNTED EQUIPMENT BOTH SHOWN AND THOSE PROVIDED BY THE OWNER. SEE SHEET A800 FOR TYPICAL BLOCKING DETAILS.

LEGEND - FLOOR PLANS

- WALL TAG**
- WALL TYPE PER ASSEMBLY
 - BRACING CONDITION
 - STUD TYPE PER LEGEND
- DOOR TAG - UNIQUE**
- DOOR TAG - REFER TO DOOR SCHEDULE
- DOOR TAG - REPEATABLE**
- DOOR & FRAME TYPE
 - SEE SCHEDULE
 - DOOR WIDTH
- WINDOW TAG**
- WINDOW TYPE - SEE SCHEDULE
- KEY NOTE**
- KEY NOTE - SEE SCHEDULE

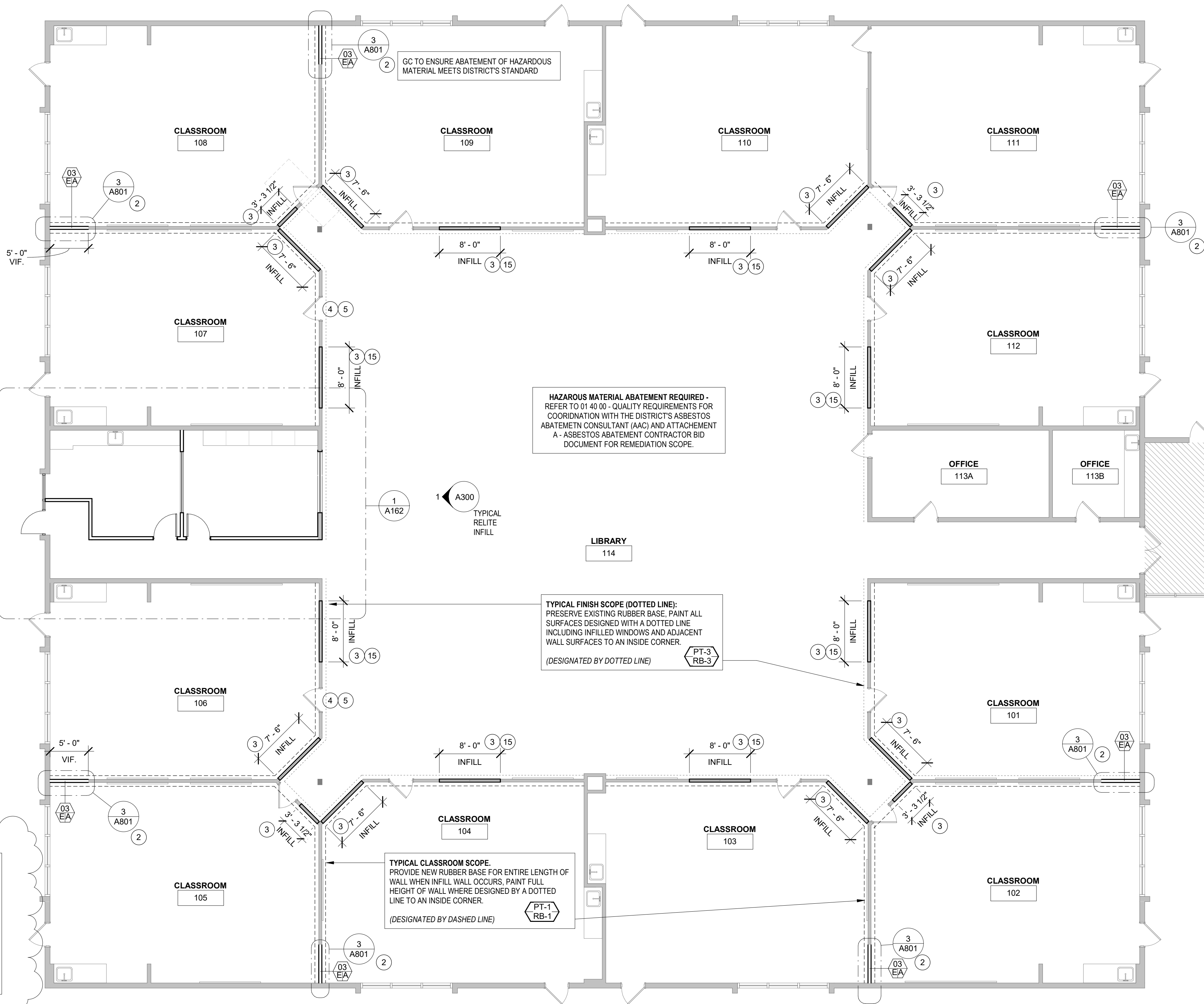
| STUD SIZE LEGEND | |
|------------------|----------------------------|
| A | 7/8" FURRING CHANNEL |
| B | 1 1/2" FURRING CHANNEL |
| C | 1 5/8" METAL STUD |
| D | 2 1/2" METAL STUD |
| E | 3 5/8" METAL STUD |
| F | 4" METAL STUD |
| G | 6" METAL STUD |
| H | 8" METAL STUD |
| I | 2 1/2" C-H SHAFT WALL STUD |
| J | 4" C-H SHAFT WALL STUD |
| K | 6" C-H SHAFT WALL STUD |

| BRACING CONDITION | |
|-------------------|--------------------------|
| A | HEAD @ (E) ACT |
| B | HEAD @ (E) SOFFIT/HEADER |
| C | HEAD @ PARTITION TRACK |

NOTE: WHEN INFILLING NEW WALLS AT EXISTING WOOD FRAMING, USE 3 1/2" (350S) STUDS IN LIEU OF 3 5/8" STUDS TO ALIGN F.O. FINISHES

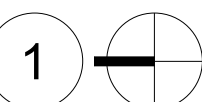
KEYED NOTES - FLOOR PLANS

- ALIGN FACE OF ADJACENT FINISHES, TYPICAL.
- PROVIDE NEW WALL TO INFILL EXISTING OPENING. ALIGN F.O. FINISHES WITH ADJACENT WALL AND TERMINATE AT UNDERSIDE OF (E) CEILING ABOVE. PROVIDE NEW PAINT AND WALLBASE, TYPICAL. GC TO ENSURE ABATEMENT OF HAZARDOUS MATERIAL MEETS DISTRICT'S STANDARD.
- REMOVE (E) RELITE WINDOW AND INFILL WITH NEW GWB WALL, SEE TYPICAL ELEVATION FOR SCOPE AND DETAIL. CALL OUTS. GC TO ENSURE ABATEMENT OF HAZARDOUS MATERIAL MEETS DISTRICT'S STANDARD.
- REMOVE AND BLANK OFF (E) EXIT SIGN AT THIS DOOR. SEE ELECTRICAL.
- REMOVE (E) PANIC HARDWARE AT THIS DOOR. INSTALL NEW LEVER SET WITH "CLASSROOM" FUNCTION AND COORDINATE NEW KEYING WITH DISTRICT TO MATCH EXISTING BUILDING STANDARDS. PATCH, PUDDY, AND PAINT ANY EXPOSED ATTACHMENT POINTS FROM PREVIOUS EGRESS HARDWARE.
- INSTALL NEW HOLLOW METAL RELITE AT THIS LOCATION, SET B.O. FRAME AT 3'-2" AFF.
- 3" X 48" STAINLESS STEEL CORNER GUARD, MECHANICALLY FASTENED. TYPICAL OF ALL FRAMED OPENING CORNERS.
- SEE ELECTRICAL FOR WALL MOUNTED EMERGENCY LIGHTING
- NEW EXIT SIGN, COORDINATE FINAL LOCATION WITH FIRE MARSHAL.
- INSTALL NEW 1.5KW ELECTRIC WALL HEATER WITHIN THIS AREA
- PROVIDE TRAFFIC COATING "NO PARKING" MARKING AT EXISTING ADA ACCESS AISLE.
- PROVIDE NEW ADA PARKING SIGNAGE AT EXISTING STALL. SEE SITE PLAN FOR TYPICAL SCOPE.
- PROVIDE WOOD BLOCKING AT LIBRARY SIDE AT 36" AND 72" AFF FOR FUTURE WHITEBOARD. SEE TYPICAL DETAIL ON A800.
- INSTALL OWNER FURNISHED SIGNAGE AT THIS LOCATION. SEE NOTE ON A800 FOR PROJECT SIGNAGE.
- INSTALL SALVAGE CARPET FROM WALK OFF MAT AREA AT THIS LOCATION TO PATCH VOID FOLLOWING DEMOLITION.
- FIELD LOCATE WALL TO BE ADJACENT TO REMOVED CASEWORK. CONFIRM CEILING CONDITION AVOIDS EXISTING LIGHTING OR OTHER (E) CEILING MOUNTED ITEMS. CONFIRM FINAL LOCATION WITH ARCHITECT THOUGH AN RFI.
- PROVIDE SOLID WOOD BLOCKING FOR WALL DOOR STOPS, TYPICAL.
- PROVIDE HORIZONTAL LOUVERED BLIND AT THIS RELITE, MATCH EXISTING BLINDS ON SITE.



ENLARGED FLOOR PLAN - NEW CLASSROOMS

1/8" = 1'-0"



FINISH SCHEDULE

NOTE - INSTALL ALL FINISHES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS

09 91 00 - PAINTS AND COATINGS

PT-1:
MANUFACTURER: RODDA PAINT
PRODUCT: UNIQUE II LOW-GLOSS (532001)
COLOR: YELLOW BONNET (0929)
FINISH: LOW GLOSS EGGSHELL
LOCATIONS: CLASSROOM WALL FINISH

PT-2:
MANUFACTURER: RODDA PAINT
PRODUCT: UNIQUE II LOW-GLOSS (532001)
COLOR: NOTHING LESS (0879)
FINISH: LOW GLOSS EGGSHELL
LOCATIONS: CORRIDOR / LIBRARY WALL FINISH

PT-3:
MANUFACTURER: RODDA PAINT
PRODUCT: MULTI MASTER DTM OR EQUAL
COLOR: BADHAIR DAY (0564)
LOCATIONS: DOOR FRAME

09 65 00 - RESILIENT FLOORING & BASE

RB-1:
MANUFACTURER: FLEXCO
PRODUCT: WALLFLOWERS RUBBER COVE BASE
SIZE: 4"
COLOR: BLACKBROWN
LOCATIONS: AT WALLS WHERE NEW PAINT IS APPLIED, TYPICAL

PAINT AND RUBBER BASE NOTE:

-PATIN COLOR NOTE
GC TO COLOR MATCH EXISTING WALL COLORS AND PROVIDE PAINT DRAWDOWNS FOR ARCHITECT'S REVIEW.

-RUBBER BASE COLOR
GC TO COORDINATE FINAL COLOR SELECTION WITH ARCHITECT AND EXTENT OF REPAIR/REPLACEMENT. SEE SCOPE OF WORK FOR ADD ALTERNATE.

09 68 16 - SHEET CARPETING

(E) OPT - EXISTING CARPET:
NOTES: INSTALL SALVAGE CARPET AT WALL INFILL FROM REMOVED PORTION AT WALK OFF MAT

WOM - WALK OFF MAT:
STYLE: SUPER NOP 52
COLOR: GARNET

STANDARD SCOPE OF WORK:

CONTRACTOR TO REMOVE ALL ROOM SIGNS WITHIN THE AREA OF WORK, PATCH AND REPAIR THE AREA AND PAINT TO MATCH ADJACENT CONDITIONS. CONTRACTOR TO INSTALL DISTRICT PROVIDED NEW ROOM SIGNS. SEE A900 GENERAL NOTES - PROJECT SIGNAGE.

ALIGN F.O. FINISHES TO EXISTING HEADERS IF PRESENT. ALIGN F.O. FINISHES TO THE COMMONS SIDE IF THERE IS NO EXISTING HEADERS.

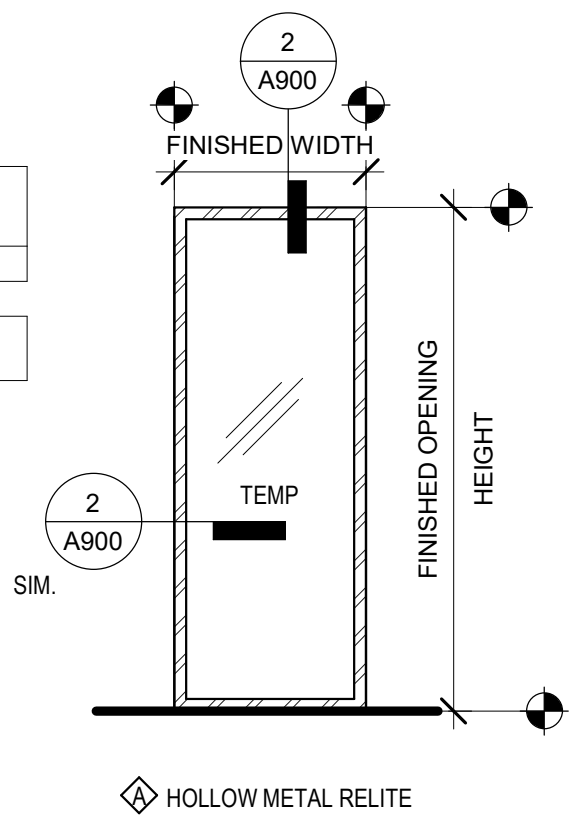
PROVIDE ADD ALTERNATE FOR REPLACING ALL EXISTING RUBBER BASE WITHIN COMMONS.

HAZAROUS MATERIAL ABATEMENT REQUIRED -
REFER TO 01 40 00 - QUALITY REQUIREMENTS FOR COORDINATION WITH THE DISTRICT'S ASBESTOS ABATEMENT CONSULTANT (AAC) AND ATTACHMENT A - ASBESTOS ABATEMENT CONTRACTOR BID DOCUMENT FOR REMEDIATION SCOPE.

TYPICAL FINISH SCOPE (DOTTED LINE):
PRESERVE EXISTING RUBBER BASE, PAINT ALL SURFACES DESIGNED WITH A DOTTED LINE INCLUDING INFILLED WINDOWS AND ADJACENT WALL SURFACES TO AN INSIDE CORNER.
(DESIGNATED BY DOTTED LINE)

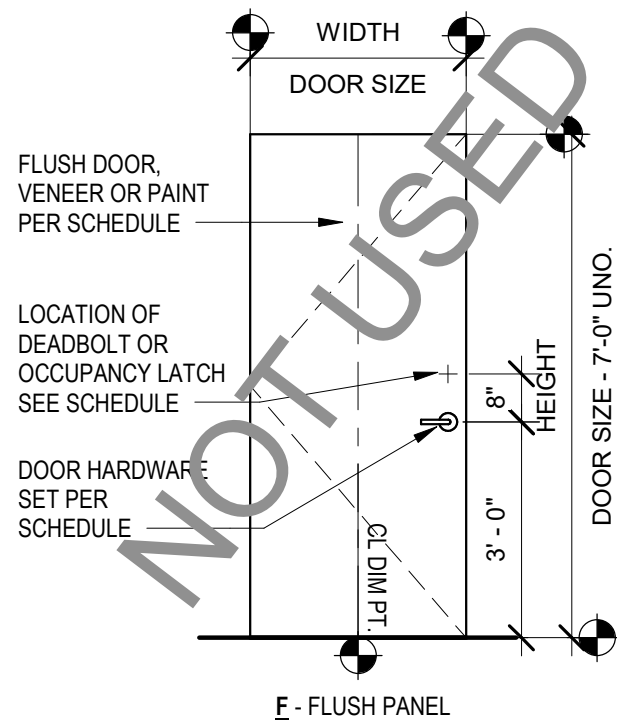
TYPICAL CLASSROOM SCOPE:
PROVIDE NEW RUBBER BASE FOR ENTIRE LENGTH OF WALL WHEN INFILL WALL OCCURS, PAINT FULL HEIGHT OF WALL WHERE DESIGNED BY A DOTTED LINE TO AN INSIDE CORNER.
(DESIGNATED BY DASHED LINE)

| RELITE SCHEDULE | | | | | |
|-----------------|----------------|-------------|--------------|-------------|--|
| TYPE | FINISH OPENING | FRAME WIDTH | FRAME HEIGHT | SILL HEIGHT | COMMENTS |
| A | 84" x 48" | 8' - 0" | 4' - 0" | <varies> | HOLLOW METAL FRAME. SEE DETAIL. PAINT PT-2 TO MATCH (E) FRAME COLOR. PROVIDE HORIZONTAL LOUVER BLINDS. |

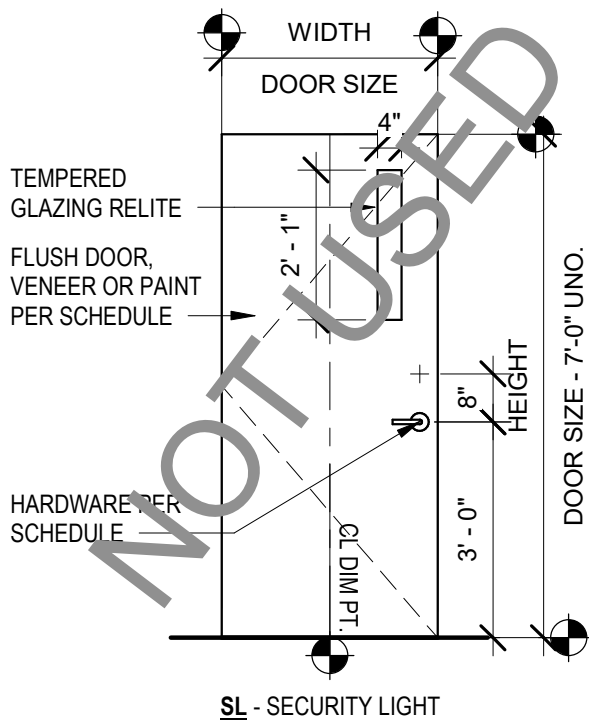


RELITE FRAME TYPES

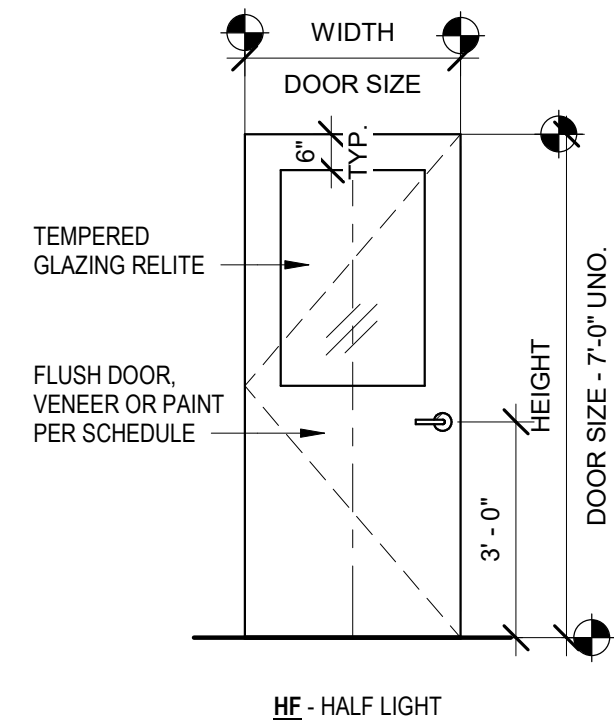
3/8" = 1'-0"



F - FLUSH PANEL



SL - SECURITY LIGHT

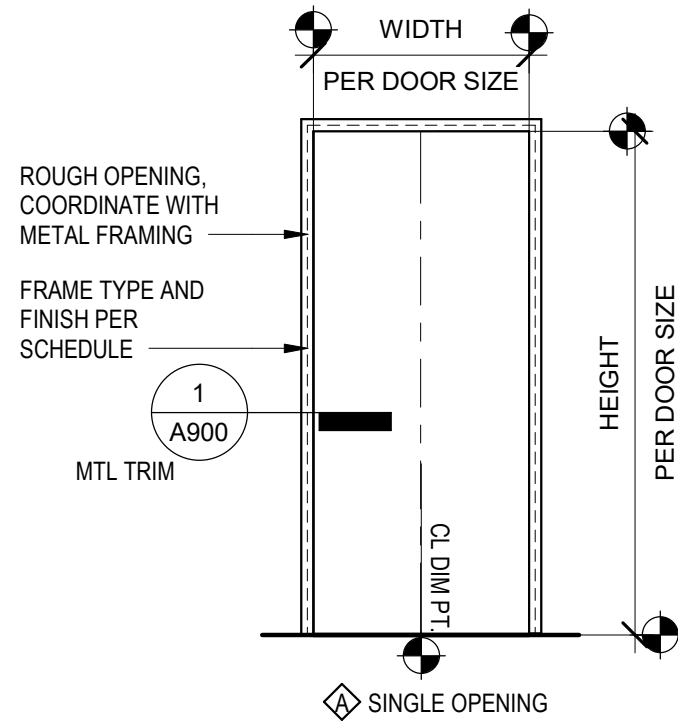


HF - HALF LIGHT

DOOR TYPES

3/8" = 1'-0"

| DOOR SCHEDULE | | | | | | | | | | | | | | | |
|---------------|--------------------|---------------|---------|-------|-------------|----------|--------|---------------|-------------|------|-----------|----------|-----------|----------------|--|
| DOOR TAG | FROM ROOM | FINISHED SIZE | | FRAME | | | | | | DOOR | | | | HARDWARE GROUP | NOTES |
| | | WIDTH | HEIGHT | TYPE | FIRE RATING | MATERIAL | FINISH | TRIM MATERIAL | TRIM FINISH | TYPE | THICKNESS | MATERIAL | FINISH | | |
| 120 | INSTRUCTION OFFICE | 3' - 0" | 7' - 0" | A | N/A | HM | PT-3 | STL | PT-3 | HL | 1 3/4" | WD | SEE NOTES | 2 | MATCH EXISTING CLASSROOM DOOR RELITE, WOOD GRAIN AND FINISH. INCLUDE BLINDS AT DOOR RELITE. DOOR PANEL BOD: TRUDOOR MESONITE PLAIN SLICED RED OAK - NUTMEG |
| 121 | INSTRUCTION OFFICE | 3' - 0" | 7' - 0" | A | N/A | HM | PT-3 | STL | PT-3 | HL | 1 3/4" | WD | SEE NOTES | 2 | MATCH EXISTING CLASSROOM DOOR RELITE, WOOD GRAIN AND FINISH. INCLUDE BLINDS AT DOOR RELITE. DOOR PANEL BOD: TRUDOOR MESONITE PLAIN SLICED RED OAK - NUTMEG |
| 122 | HALLWAY | 3' - 0" | 7' - 0" | N/A | N/A | ALUM | ALUM | ALUM | ALUM | N/A | 1 1/2" | ALUM | ALUM | 1 | SEE ELEVATION FOR STOREFRONT SYSTEM LAYOUT. MATCH EXISTING EXTERIOR FRAME COLOR. PROVIDE LOW VOLTAGE DOOR CONTACT WITHIN FRAME TIED TO BUILDING'S EXISTING SECURITY SYSTEM - RE: ELECTRICAL. |



SINGLE OPENING

DOOR FRAME TYPES

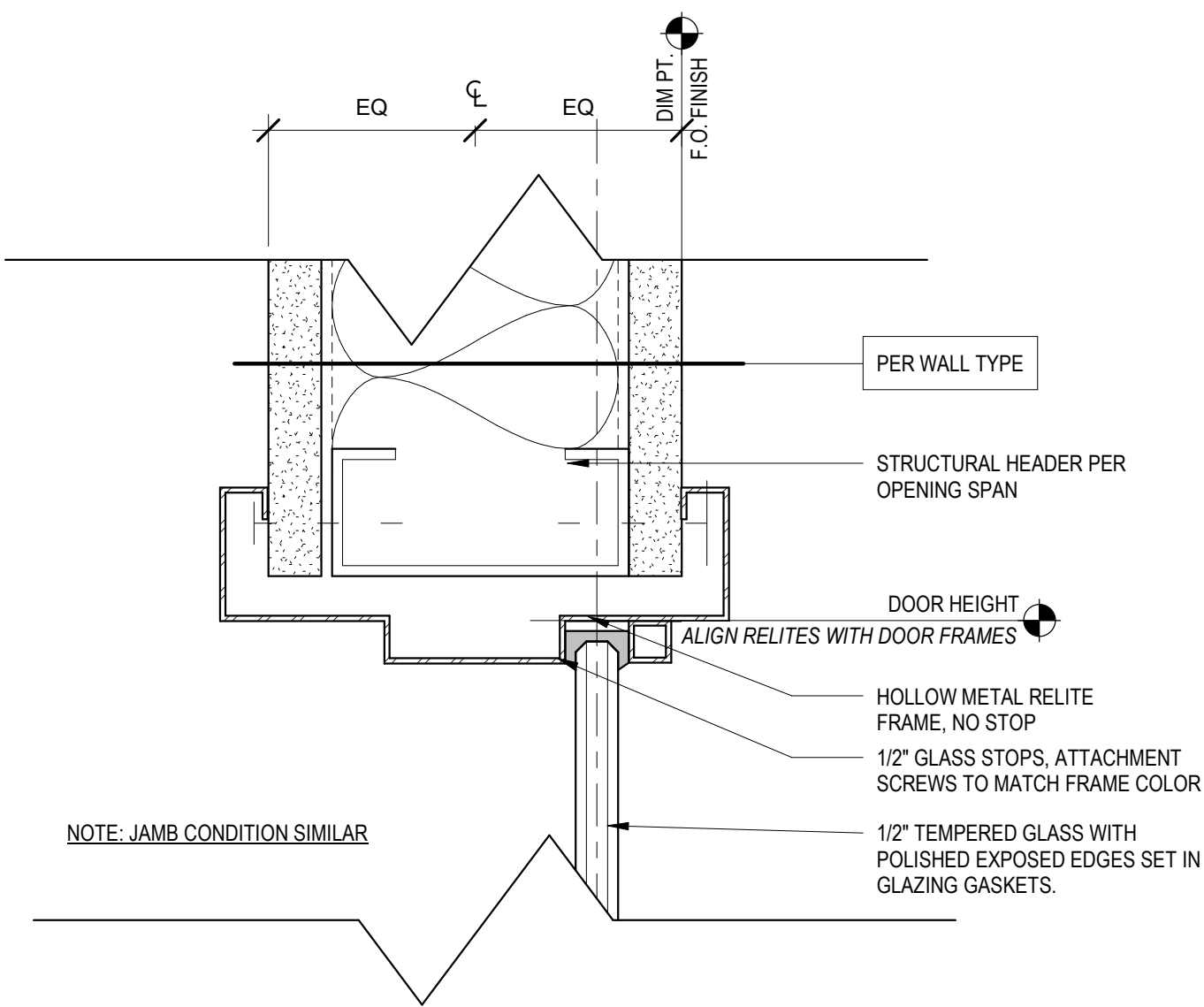
3/8" = 1'-0"

GENERAL NOTES - PROJECT SIGNAGE

- COORDINATE ALL SIGNAGE WITHIN THE PROJECT, INCLUDING CODE REQUIRED SIGNAGE, WITH EXISTING BUILDING SIGNAGE.
- CODE REQUIRED SIGNAGE, SUCH AS STAIRWAY SIGNAGE AND ACCESSIBLE PARKING SIGNAGE, TO BE PROCURED AND INSTALLED BY THE GENERAL CONTRACTOR. PROVIDE DETAILED INFORMATION ON SIZE, FONT AND COLOR WITHIN A SUBMITTAL FOR ARCHITECT AND OWNER REVIEW.
- ROOM SIGNAGE IS OWNER FURNISHED AND CONTRACTOR INSTALLED. COORDINATE EXTENTS AND LOCATION WITH OTHER WALL MOUNTED ITEMS. PROVIDE AN ALLOWANCE FOR THE PATCH AND REPAIR OF EXISTING WALLS WHERE EXISTING SIGNAGE IS RELOCATED OR REPLACED.



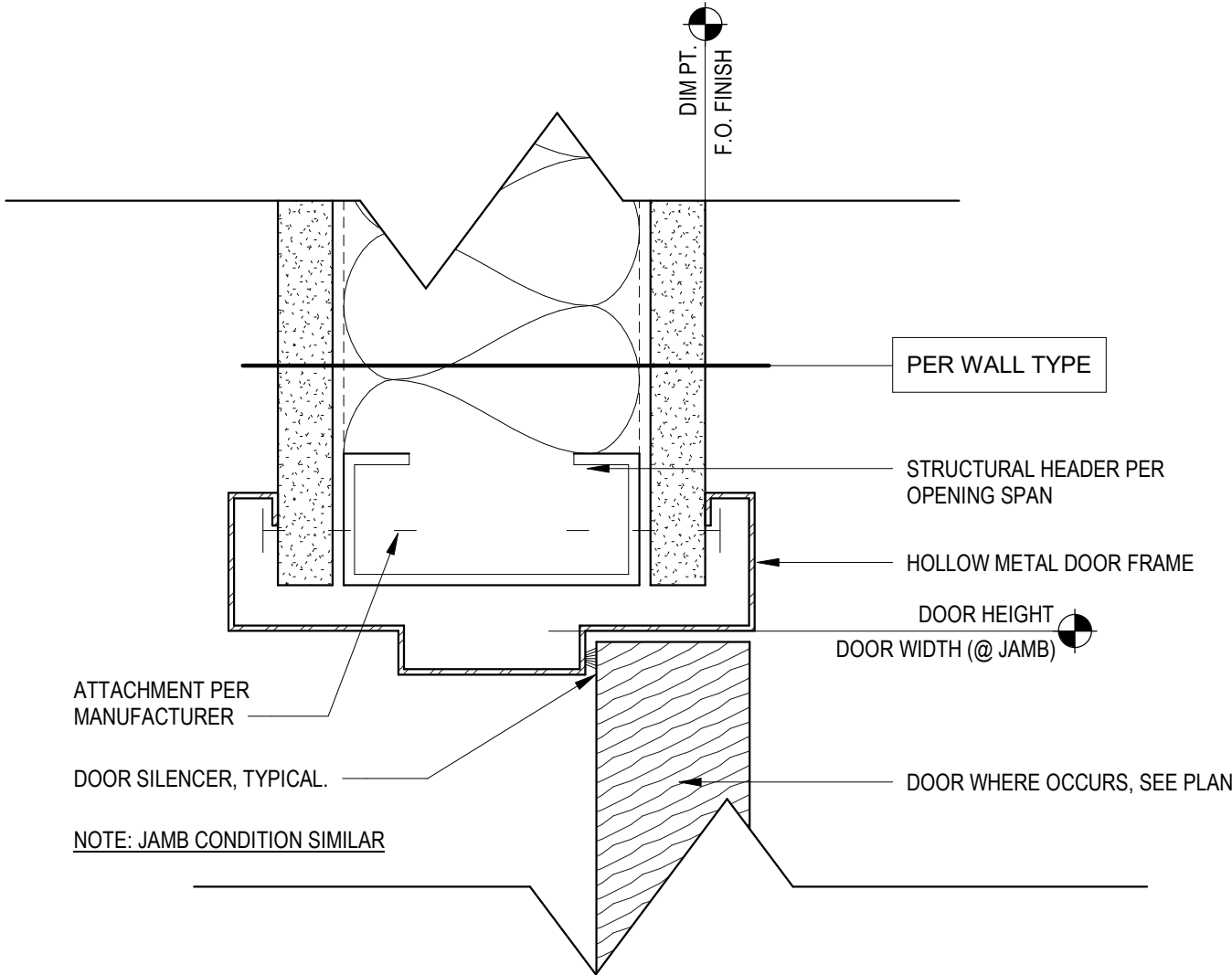
(E) SIGNAGE - KINNAMAN ELEMENTARY - FOR REFERENCE ONLY



OPENING - HM RELITE @ HEAD/JAMB

6" = 1'-0"

2



OPENING - HEAD/JAMB - HOLLOW METAL

6" = 1'-0"

1

GENERAL NOTES - DOORS

- REFER TO SHEET G001 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, PAINT GRADE UNLESS NOTED OTHERWISE.
- PROVIDE NEW ADA LEVER STYLE DOOR HARDWARE TO MATCH BUILDING STANDARD. (SCHLAGE 'ND', SERIES, RHODES STYLE)
- ALL NEW FRAMES TO BE FULLY WELDED UNLESS NOTED OTHERWISE. (CURRIES 16 GA.)
- PROVIDE TEMPERED GLAZING IN ALL DOORS AND RELITES UNLESS NOTED OTHERWISE.
- REFER TO ELEVATIONS FOR DOOR AND FRAME PAINT FINISH WHERE PAINT IS USED.

MATERIAL LEGEND

| | | | |
|-----|-----------------------|----------|-------------------------|
| (E) | EXISTING | WD | WOOD - SOLID CORE |
| GL | GLASS - TEMPERED | HC | WOOD - HOLLOW CORE |
| MDF | MDF - TRIM | MTL | METAL - SOLID CORE |
| MFR | MANUFACTURER'S FINISH | STL - KD | STEEL FRAME - KNOCKDOWN |
| PT | PAINT | 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 DESIGN DIRECTION BELOW.

ALL NEW HARDWARE TO BE SATIN CHROME (US26D), UNO.

DOOR FRAMES: CURRIES 16 GA FULLY WELDED - EQUAL RABBIT
LEVER HARDWARE SETS: SCHLAGE ND SERIES VANDL GARD, "RHODES"
CORES: SCHLAGE FULL SIZE INTERCHANGEABLE (FSC) CYLINDERS
HINGES: IES HW 4.5" X 4.5" NRP
PANIC BARS: VON DUPRIN EL 99 OR XP99
CLOSERS: LCN 4010 (INWARD SWING), LCN 4111 (OUTWARD SWING)
STOPS: BHMA 626, IVES OR EQUAL
KICK PLATE: STAINLESS STEEL, FULL WIDTH

- GROUP 1:** **EXTERIOR STOREFRONT (PANIC HARDWARE)**
HINGES BY MANUFACTURER
PANIC HARDWARE
DOOR PULL
CLOSER
SILENCER
SWEEPS
- GROUP 2:** **OFFICE**
(3) PAIR BUTTS - 4 1/2"
LEVER SET - "CLASSROOM" TYPE
WALL STOP TYPICAL UNO.
SILENCER
KICK PLATE
- PROVIDE PRIVACY BLINDS/WINDOW TREATMENT AT RELITE, TYP

| ABBREVIATIONS | | | |
|--|---|------|---|
| A | AMPERE (AMP) | KVAR | KILOVOLT AMPS REACTIVE |
| AAF | ABOVE ACCESS FLOOR | KW | KILOWATT |
| ABF | AIRBLOWN FIBER | KWH | KILOWATT HOUR |
| AC | ABOVE COUNTER | LEC | LOCAL EXCHANGE CARRIER |
| AFF | ABOVE FINISHED FLOOR | LED | LIGHT EMITTING DIODE |
| AHJ | AUTHORITY HAVING JURISDICTION | LV | LOW VOLTAGE |
| AIC | AMPS INTERRUPTING CURRENT | MATV | MASTER ANTENNA TELEVISION |
| ALT | ALTERNATE | MCA | MINIMUM CIRCUIT AMPS |
| AN | ANALOG | MCB | MAIN CIRCUIT BREAKER |
| ARCH | ARCHITECT / ARCHITECTURAL | MCC | MOTOR CONTROL CENTER |
| ARM | ARMORED | MDF | MAIN BUILDING DISTRIBUTION FACILITY |
| ATS | AUTOMATIC TRANSFER SWITCH | MDP | MAIN DISTRIBUTION PANEL |
| AV | AUDIO VISUAL | MECH | MECHANICAL |
| AVC | AUDIO VISUAL CONTRACTOR | MH | MAINTENANCE HOLE |
| BC | BONDING CONDUCTOR | MHz | MEGAHERTZ |
| BDF | BUILDING DISTRIBUTION FACILITY | MLO | MAIN LUGS ONLY |
| BMS | BUILDING MANAGEMENT SYSTEM | MTS | MANUAL TRANSFER SWITCH |
| BOC | BOTTOM OF CONDUIT | N | NORTH |
| BOCT | BOTTOM OF CABLE TRAY | NAC | NOTIFICATION APPLIANCE CIRCUIT (FA) |
| C | CONDUIT | NIC | NOT IN CONTRACT |
| CATV | (CABLE TV) COMMUNITY ACCESS TELEVISION | OFCl | FURNISHED BY OWNER, INSTALLED BY CONTRACTOR |
| CB | CIRCUIT BREAKER | OFE | OWNER FURNISHED EQUIPMENT |
| CCTV | CLOSED CIRCUIT TELEVISION | OFDI | FURNISHED AND INSTALLED BY OWNER |
| CF | CELLULAR FLOOR | OSP | OUTSIDE PLANT |
| CKT | CIRCUIT | PA | PUBLIC ADDRESS |
| CLG | CEILING | PB | PULL BOX |
| CO | CENTRAL OFFICE | PE | PHOTOELECTRIC |
| CPE | CUSTOMER UNIVERSAL ENCLOSURE | PF | POWER FACTOR |
| CT | CURRENT TRANSFORMER | PMV | PROJECT MANAGER VERIFICATION |
| CU | COPPER | PNL | PANELBOARD |
| CUE | CONCRETE UNIVERSAL ENCLOSURE | PON | PASSIVE OPTICAL NETWORK |
| DAS | DISTRIBUTED ANTENNA SYSTEM | PPL | POLYVINYL CHLORIDE CONDUIT |
| dB | DECIBEL | PVC | PACIFICORP |
| DB | DUCT BANK | PWR | POWER |
| DML | DOUBLE MAIN LUGS | R/W | RIGHT OF WAY |
| DN | DOWN | RAD | RADIUS |
| E | EAST | RG | RADIO GRADE |
| EQ | EQUAL DISTANT | S | SOUTH |
| EC | ELECTRICAL CONTRACTOR | SAA | SECURITY ALARM ANNUNCIATOR |
| EF | ENTRANCE FACILITY | SACP | SECURITY ACCESS CONTROL PANEL |
| EM | EMERGENCY | SDP | SUBDISTRIBUTION PANEL |
| EMC | ELECTROMAGNETIC COMPATIBILITY | SMB | SURFACE MOUNT BOX |
| EMI | ELECTROMAGNETIC INTERFERER | SPD | SURGE PROTECTION DEVICE |
| EMT | ELECTRIC METALLIC TUBING | ST | SHUNT TRIP |
| EPO | EMERGENCY POWER OFF | STS | STATIC TRANSFER SWITCH |
| EP | ENTRANCE POINT | SW | SWITCH |
| EP | EXPLOSION PROOF | TBB | TELECOM BONDING BACKBONE |
| ER | EQUIPMENT ROOM | TBC | TELECOM BONDING CONDUCTOR |
| FA | FIRE ALARM | TBD | TO BE DETERMINED |
| FAA | FIRE ALARM ANNUNCIATOR | TE | TELECOM ENCLOSURE |
| FACP | FIRE ALARM CONTROL PANEL | TGB | TELECOM GROUNDING BUSBAR |
| FLA | FULL LOAD AMPS | TL | THRU LUGS |
| FO | FIBER OPTIC | TMBG | TELECOM MAIN GROUNDING BUSBAR |
| FSD | FIRE SMOKE DAMPER | TO | TELECOM OUTLET |
| GC | GENERAL CONTRACTOR | TP | TAMPERPROOF |
| GFI | GROUND FAULT INTERRUPTER | TR | TELECOM ROOM |
| GFCI | GROUND FAULT CIRCUIT INTERRUPTER | TTB | TELEPHONE TERMINAL BOARD |
| GHz | GIGAHERTZ | TTC | TELEPHONE TERMINAL CABINET |
| GND | GROUND | TV | TELEVISION / DIGITAL DISPLAY |
| GRC | GALVANIZED RIGID CONDUIT | TVSS | TRANSIENT VOLTAGE SURGE SUPPRESSOR |
| GRD | GROUND | TYP | TYPICAL |
| GRS | GALVANIZED RIGID STEEL CONDUIT | U | USB |
| HH | HANDHOLE | UC | UNDER COUNTER |
| HP | HORSEPOWER | UG | UNDERGROUND |
| HPS | HIGH PRESSURE SODIUM | UON | UNLESS OTHERWISE NOTED |
| HV | HIGH VOLTAGE | UPS | UNINTERRUPTIBLE POWER SUPPLY |
| HZ | HERTZ | V | VOLTAGE |
| IBC | INTERNATIONAL BUILDING CODE | VA | VOLT AMPERES |
| IDF | INTERMEDIATE BUILDING DISTRIBUTION FACILITY | VP | VAPORPROOF |
| IG | ISOLATE GROUND | W | WATTS OR WEST |
| IR | INTERRUPTING RATING | WAO | WORK AREA OUTLET |
| JB | JUNCTION BOX | WAP | WIRELESS ACCESS POINT |
| KV | KILOVOLT | WP | WEATHERPROOF |
| KVA | KILOVOLT AMP | XFMR | TRANSFORMER |
| | | XF3W | TRANSFORMER SWITCH |
| *REFER TO DISCIPLINE SYMBOL LISTS FOR MORE ABBREVIATIONS | | | |

| GENERAL SYMBOLS | | |
|-----------------|--|--------------------------------------|
| | | EQUIPMENT DESIGNATOR - SEE SCHEDULE. |
| | | EXISTING TO REMAIN |
| | | EXISTING TO BE REMOVED |
| | | EXISTING TO BE RELOCATED |
| | | NEW |
| | | KEYED NOTE |

| NOTE | |
|---|--|
| THIS IS A STANDARD LEGEND SHEET, THEREFORE, SOME SYMBOLS MAY APPEAR ON THIS SHEET THAT DO NOT APPEAR ON THE DRAWINGS. | |

| WORK RESPONSIBILITY | |
|--|--|
| ALL WORK SHALL BE COORDINATED WITH ALL TRADES INVOLVED. OFFSETS IN CONDUIT, DEVICES, BOXES, CONDUCTORS, AND TRANSITIONS AROUND OBSTRUCTIONS WHETHER SHOWN ON DRAWINGS OR NOT SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER. | |

| GENERAL NOTES (APPLIES TO ALL DRAWINGS) | |
|--|---|
| A. | WHERE EXACT DIMENSIONS ARE NOT CALLED FOR, DO NOT SCALE DRAWINGS TO DETERMINE LOCATION OF EQUIPMENT, JUNCTION BOXES, OUTLET BOXES, WIRE WAYS, PANELS, ETC. SEE ARCH FOR EXACT DIMENSIONS. |
| B. | CONDUIT RUNS SHOW ONLY INTERCONNECTION BETWEEN THE TERMINATION POINTS. THE EXACT PATH OF THE CONDUIT IS TO BE DETERMINED BY THE CONTRACTOR. THERE SHALL BE A MINIMUM OF ONE PULL BOX FOR EVERY 100 FEET OF STRAIGHT CONDUIT AND A PULL BOX FOR MORE THAN TWO 90 DEGREE BENDS IN A CONDUIT RUN. ALL CONDUIT SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED, AND FURNISHED WITH PULL WIRES. |
| C. | POWER CIRCUITS FOR THE AUDIOVISUAL SYSTEMS MUST BE ON THE SAME TRANSFORMER PHASE, BUT NOT ON THE SAME PHASE AS ANY COMPRESSORS, MOTORS, OR LIGHTING DIMMING SYSTEMS. |
| D. | ALL EQUIPMENT MUST BE COMPLETELY BONDED TO A TRUE EARTH COMMON GROUND OR VERIFY GROUNDING REQUIREMENTS WITH ELECTRICAL EQUIVALENT FOR PROPER OPERATION. |
| E. | FOR TELECOM OUTLETS WITH 1-6 CABLES, PROVIDE 1" C. TO DOUBLE-GANG DEEP BOX WITH SINGLE-GANG MUD RING AND 2, 4 OR 6 PORT FACEPLATE AS REQUIRED. |
| F. | FOR TELECOM OUTLETS WITH 7-12 CABLES, PROVIDE TWO (2) 1" C. TO DOUBLE-GANG DEEP BOX WITH DOUBLE-GANG MUD RING AND TWO (2) 2, 4 OR 6 PORT FACEPLATES AS REQUIRED. |
| G. | FOR ALL DATA OUTLETS AND CAMERAS, PROVIDE CATEGORY 6 CABLE AND JACKS. FOR ALL WIRELESS ACCESS POINTS (WAPs), PROVIDE (2) CATEGORY 6A CABLES AND JACKS. |

| POWER SYMBOLS | |
|---------------|---|
| | WALL RECEPTACLE: DUPLEX, 4-PLEX |
| | FLOOR RECEPTACLE: DUPLEX, 4-PLEX |
| | CEILING RECEPTACLE: DUPLEX, 4-PLEX |
| | WALL RECEPTACLE: MOUNTING HEIGHT |
| | SPECIAL RECEPTACLE: WALL |
| | JUNCTION BOX: WALL, FLOOR, CEILING |
| | SURFACE OUTLET STRIP: DIMENSIONS AS SHOWN |
| | DISCONNECT SWITCH: FUSED, CIRCUIT BREAKER |
| | MOTOR CONNECTION |
| | PANEL & CIRCUIT NUMBER |
| | DENOTES DUPLEX RECEPTACLE ON DROP CORD |
| | PUSHBUTTON: WALL |
| | ADA DOOR ASSIST BUTTON: WALL |
| | WIRE CONCEALED IN FLOOR OR UNDERGROUND |
| | RACEWAY AND CONDUCTORS REMOVED AS PART OF DEMOLITION |
| | CONDUIT ELL: UP, DN |
| | ELECTRICAL DUCT BANK |
| | GROUND ROD, 10' LONG, 5/8" DIAMETER, COPPER. BOND TO LOCAL CIRCUIT GROUND CONDUCTOR |
| | ELECTRICAL DISTRIBUTION CABINET |
| | ELECTRICAL DISTRIBUTION PANEL: SURFACE, RECESSED |
| | ELECTRICAL TRANSFORMER |

| ONE-LINE SYMBOLS | |
|------------------|-------------------------------------|
| | CONDUCTORS & CONDUIT |
| | CONDUCTORS & CONDUIT TO BE REMOVED |
| | CIRCUIT BREAKER, MOLDED CASE SWITCH |
| | BUS |
| | ATS |
| | METER |
| | PANEL |
| | MAIN GROUNDING BAR |
| | CONNECTION TO GROUND |
| | TRANSFORMER |

| LIGHTING SYMBOLS | |
|------------------|---|
| | PHOTOCELL: CEILING, WALL MOUNTED |
| | DUAL TECHNOLOGY, OCCUPANCY SENSOR: CEILING MOUNTED, WALL MOUNTED |
| | DUAL TECHNOLOGY, VACANCY SENSOR: CEILING MOUNTED, WALL MOUNTED |
| | HA = LUMINAIRE TYPE DESIGNATION 1. = CIRCUIT NUMBER a = SWITCH DESIGNATION |
| | SINGLE GANG, STRAP MOUNTED CONTROL STATION. LIGHT SWITCH: OS = OCCUPANCY SENSOR, K = KEYED, 3 = 3-WAY LOW VOLTAGE DIMMER / PRESET CONTROL: D TIMER SWITCH: T |
| | BUG EYE EXIT SIGN WITH INTERGRAL BATTERY, 90 MINUTE RUN TIME: CEILING, WALL MOUNTED |

| TELECOMMUNICATIONS SYMBOLS | |
|----------------------------|--|
| | DATA OUTLET: WALL, CEILING, FLOOR |
| | DATA OUTLET: CABLE/JACK QUANTITY (x2 U.O.N.) |
| | DATA OUTLET: MOUNTING HEIGHT |
| | DATA OUTLET: WALL PHONE (x1 CABLE/JACK) |
| | ASSISTIVE LEARNING SYSTEM |
| | ANALOG CLOCK: WALL, CEILING |
| | MASTER CLOCK: CEILING |
| | COMBINATION IP SPEAKER/IP CLOCK (ANALOG FACE) |
| | DIGITAL CLOCK: WALL, CEILING |
| | WIRELESS ACCESS POINT: WALL, CEILING. E = EXISTING |
| | ASSISTIVE LEARNING SYSTEM SPEAKER: CEILING |
| | ANALOG SPEAKER: WALL, CEILING |
| | IP SPEAKER: WALL, CEILING |
| | SPEAKER-HORN: WALL, CEILING |
| | ANALOG SPEAKER-HORN: WALL, CEILING, WP |
| | 2-WAY/ARA COMMUNICATION STATION: WALL M. MASTER STATION PS: POWER SUPPLY |
| | A/V OUTLET: WALL, FLOOR, CEILING |
| | ASSISTIVE LEARNING SYSTEM: CONTROLLER |
| | ASSISTIVE LEARNING SYSTEM: INPUT / OUTPUT |
| | CATV OUTLET: WALL, CEILING |
| | INTERCOM STATION: WALL |
| | INTERCOM & VIDEO STATION: WALL |
| | INTERCOM MASTER STATION: WALL MAN: MASTER ANALOG MIP: MASTER IP |
| | WIRELESS CLOCK SIGNAL DISTRIBUTION ANTENNA: WALL |
| | ANALOG TELEPHONE OUTLET: WALL |

| TELECOM PATHWAYS AND ENCLOSURES SYMBOLS | |
|---|--|
| | CONDUIT |
| | UNDERGROUND CONDUIT |
| | AERIAL |
| | SPLICE |
| | MAINTENANCE HOLE |
| | VAULT (SUBSCRIPT +/-) |
| | POLES |
| | RACK (2 POST) |
| | RACK (4 POST) |
| | CABINET: SURFACE, RECESSED |
| | PULL BOX |
| | TELECOM UNDERGROUND VAULT |
| | CABLE PATHWAY FIRESTOPPING DEVICE |
| | CABLE TRAY: CENTER SUPPORT, OUTER SUPPORTS |
| | TELECOM GROUND BUS |
| | TELEPHONE BACKBOARD. |

| SECURITY SYMBOLS | |
|---|---|
| | CARD KEY READER STATION: WALL |
| | MOTION DETECTOR: WALL, CEILING |
| | DOOR ASSIST: WALL P. PANIC |
| | IDS KEYPAD: WALL |
| | DOOR HARDWARE: WALL ACP: ACCESS CONTROL PANEL DC: DOOR CONTACT DO: DOOR OPERATOR DH: DOOR HOLD OPEN DRP: DOOR RELEASE PANEL EC: ELECTRIC CYLINDRICAL LOCK SET EPT: ELECTRONIC POWER TRANSFER ES: ELECTRIC STRIKE IL: INTEGRATED LOCK LA: LOCAL ALARM LS: LATCH RETRACTION REX: REQUEST TO EXIT SENSOR RX: REQUEST TO EXIT SWITCH |
| | DOME SECURITY CAMERA: WALL, CEILING |
| | SINGLE LENS |
| | SINGLE LENS 180° |
| | SINGLE LENS 360° |
| | SINGLE LENS PTZ |
| | DOUBLE LENS |
| | QUAD LENS |
| *SEE DOOR HARDWARE SCHEDULE AND ASSOCIATED DETAILS FOR ADDITIONAL SYMBOLS AND ABBREVIATIONS | |
| FIRE ALARM SYMBOLS | |
| | MANUAL PULL STATION: WALL |
| | BELL: WALL |
| | STROBE: WALL, CEILING |
| | SPEAKER-STROBE: WALL, CEILING |
| | PHOTOELECTRIC SMOKE DETECTOR: WALL, CEILING PR: RELAY BASE PIS: ISOLATION BASE PT: HEAT DETECTOR |
| | BEAM SMOKE DETECTOR |
| | ADDRESSABLE MODULE: WALL, CEILING ARM: ADDRESSABLE RELAY MODULE AIM: ADDRESSABLE INPUT MODULE (SINGLE) AMM: ADDRESSABLE MINI INPUT MODULE ADM: ADDRESSABLE DUAL INPUT MODULE ANM: ADDRESSABLE NOTIFICATION MODULE AIO 1X1: ADDRESSABLE INPUT/OUTPUT MODULE, 1 INPUT x 1 RELAY AIO 2X2: ADDRESSABLE INPUT/OUTPUT MODULE, 2 INPUT x 2 RELAY |
| | SWITCH: WALL, CEILING WF: WET SYSTEM PA: PREACTION SYSTEM VS: VALVE SUPERVISORY SWITCH PIV: POST INDICATOR VALVE LA: LOW AIR SWITCH HA: HIGH AIR SWITCH PR: PUMP RUNNING SIGNAL PT: PUMP TROUBLE SIGNAL REV: REVERSAL SIGNAL LT: LOW AIR TEMP LW: LOW WATER LEVEL DH: MAGNETIC DOOR HOLD |
| | FIRE ALARM CONTROL UNIT |
| | NOTIFICATION POWER SUPPLY |
| | REMOTE ANNUNCIATOR |
| | LOCAL OPERATOR CONSOLE |
| | EVAC AMPLIFIER |
| | FIRE ALARM TERMINAL CABINET |
| | ELEVATOR CONTROL MUDLE |
| | SPRINKLER CONTROL MODULE |
| | FIRE ALARM CONTROL PANEL |
| | WIRELESS MESH RADIO NETWORK |
| | DOCUMENT STORAGE BOX |

| Sheet List | |
|--------------|---|
| Sheet Number | Sheet Name |
| E001 | LEGEND AND ABBREVIATIONS - ELECTRICAL |
| E152 | ENLARGED FLOOR PLAN - BUILDING 1 - LIGHTING |
| E301 | ENLARGED PLANS - READING ROOM - ELECTRICAL |

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JULY 10, 1990

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CLASSROOM WALLS PHASE 3 - KINNAMAN ELEMENTARY SCHOOL

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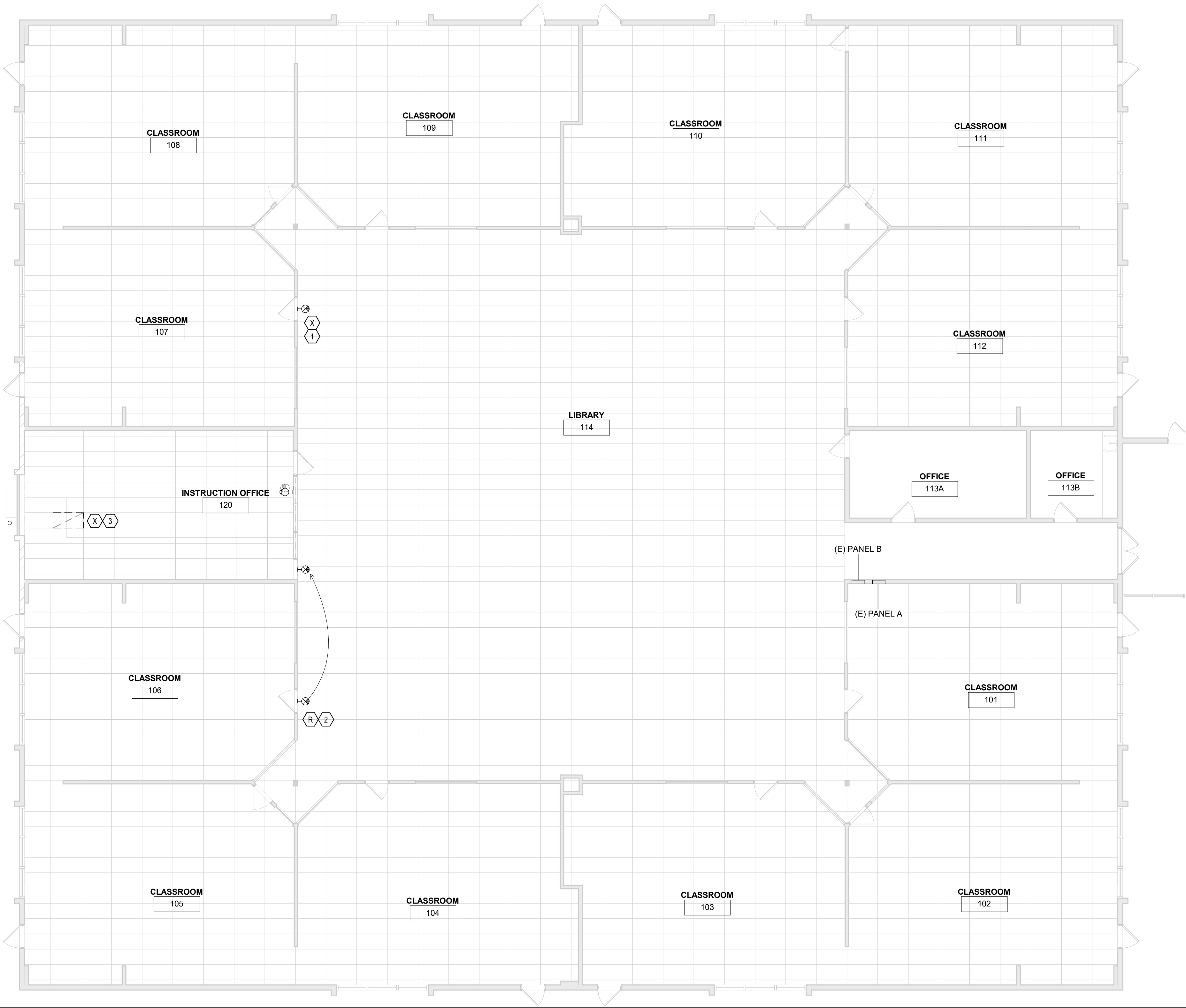
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DATE: 11/10/22

LEGEND AND ABBREVIATIONS - ELECTRICAL

E001



ENLARGED REFLECTED CEILING PLAN - EXISTING/DEMO CLASSROOMS - LIGHTING

1/8" = 1'-0"

1

KEYED NOTES

1. DE-ENERGIZE DISCONNECT AND REMOVE EXISTING EXIT SIGNS. CLEAN FIXTURE AND TURN OVER TO OWNERS REPRESENTATIVE FOR SHELF INVENTORY AND USE IT AT LATER TIME.
2. DE-ENERGIZE, DISCONNECT, AND RELOCATE EXISTING EXIT SIGN TO NEW LOCATION ABOVE NEW EXIT DISCHARGE CORRIDOR DOOR. CLEAN FIXTURE PRIOR TO INSTALLATION INTERCEPT AND EXTEND CIRCUITRY.
3. DE-ENERGIZE DISCONNECT AND REMOVE EXISTING LIGHTING FIXTURE. CLEAN FIXTURE AND TURN OVER TO OWNERS REPRESENTATIVE FOR SHELF INVENTORY AND USE IT AT LATER TIME.



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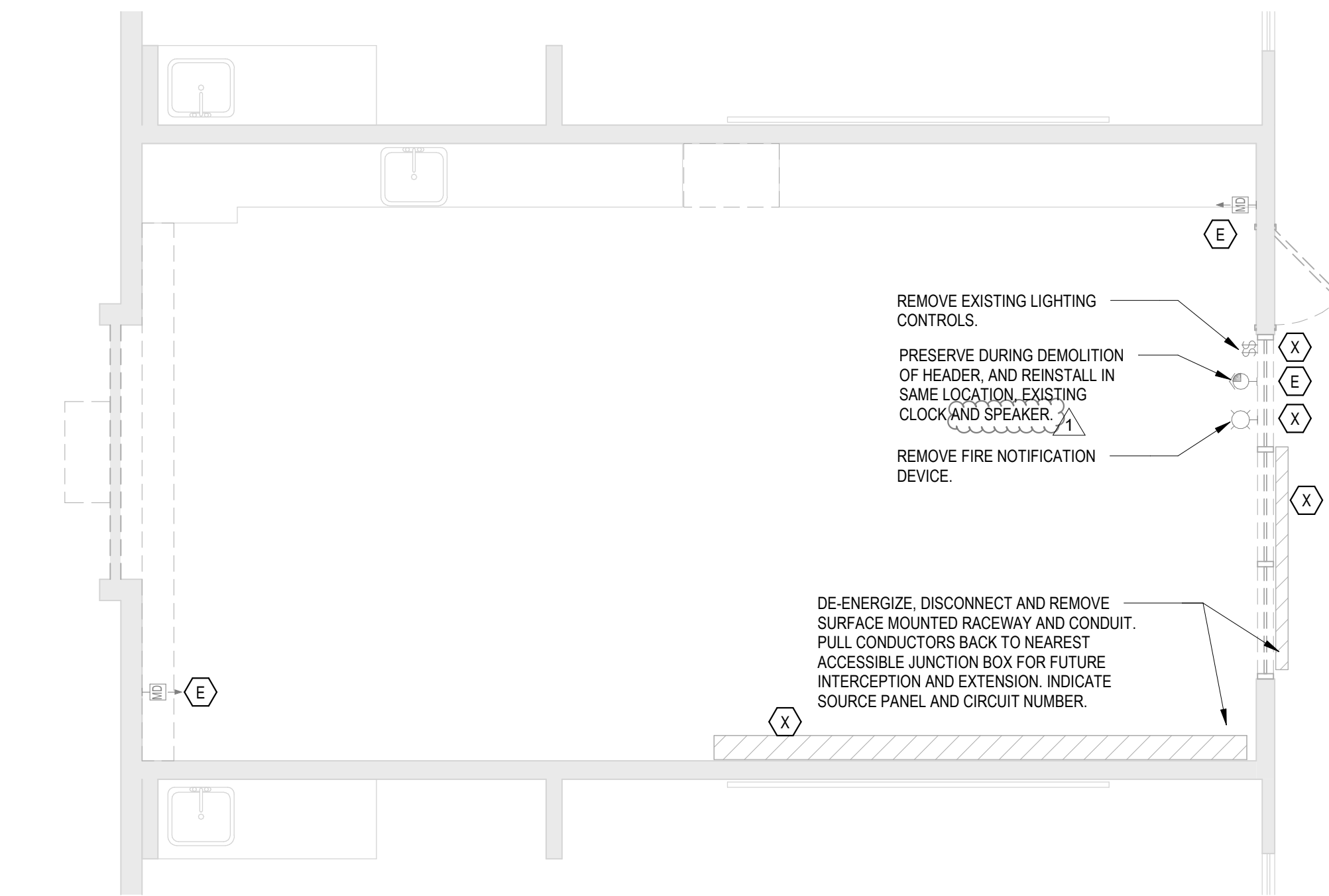
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PROJECT: 21005.05
DATE: 11/10/22

ENLARGED
FLOOR PLAN -
BUILDING 1 -
LIGHTING

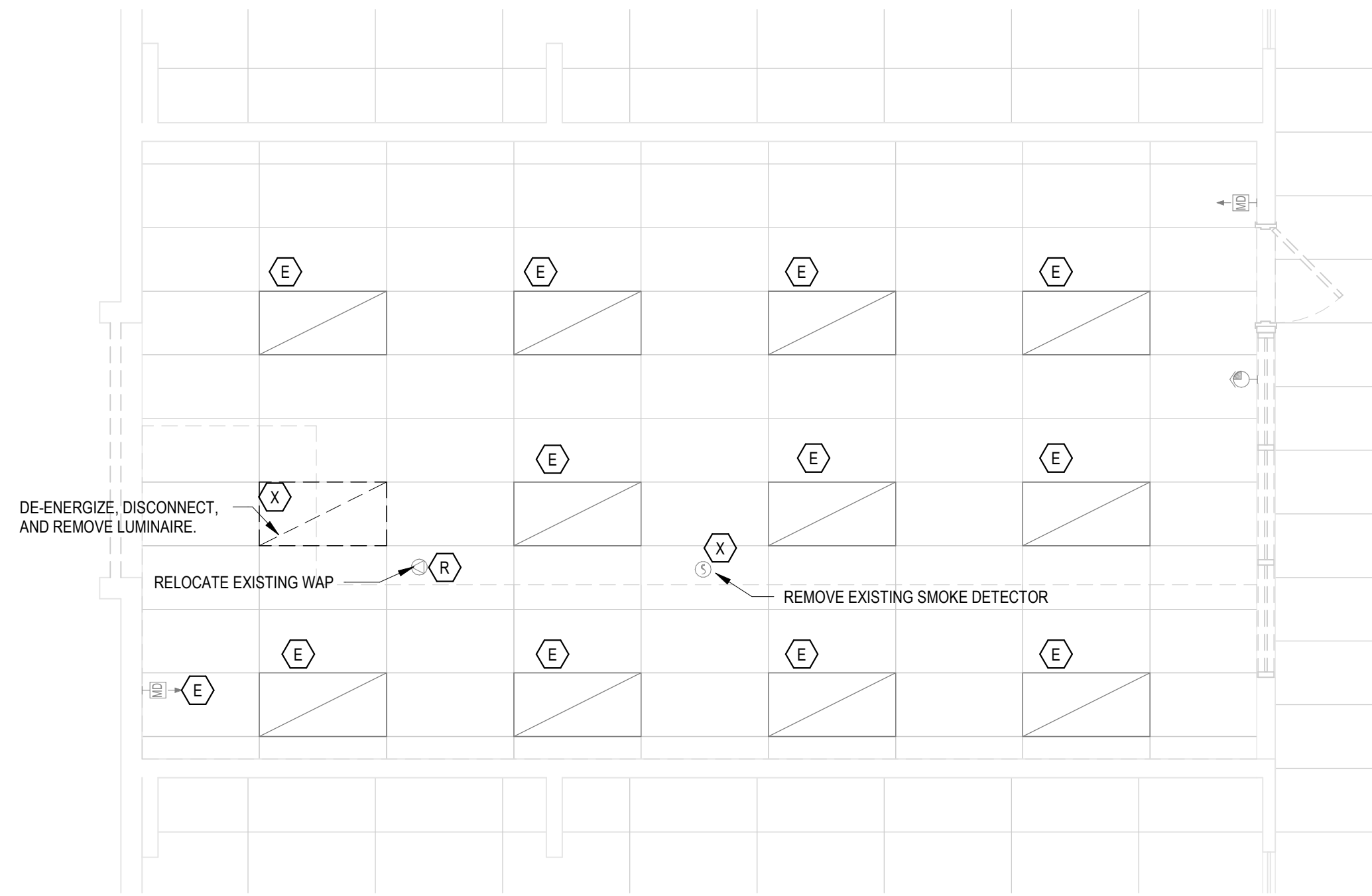
E152



READING ROOM - DEMOLITION PLAN - ELECTRICAL

1/4" = 1'-0"

3



READING ROOM - DEMOLITION RCP - ELECTRICAL

1/4" = 1'-0"

4

