

**Verrill Dana Interior Renovations
16001
ADDENDUM # 1
ISSUE DATE: October 10, 2016**



ADDENDUM #1

ISSUED TO: Prospective Bidders, Suppliers, and Other Parties

DESCRIPTION:

This addendum provides clarifications, additions and design changes to the architectural, structural, mechanical and electrical "Issued for Construction" drawing set issued on 09-21-2016.

GENERAL NOTES:

As a general rule revision clouds have been utilized in the architectural drawings to identify design changes in the drawings. In some instances, where changes were so substantial that individual clouds were thought impractical, regions, or in some instances entire sheets, have been clouded. Where the drawing number is clouded this indicates that the entire drawing has changed significantly enough to make individual clouding impractical. Reviewers are advised to carefully review the entire sheet for content changes. All addenda shall become an integrated part of the office record set of drawings and the specifications and inserted or recorded in the Record Set.

This addendum contains clarifications and design changes that include (among others):

- Updates to Specifications sections noted below.
- Reissued or Updated Drawings.
- New Drawings.
- Answers to General Bidder Questions (RFI'S).

CHANGES TO SPECIFICATIONS:

ARCHITECTURAL

1. Specification Section 081113 HOLLOW METAL DOORS AND FRAMES, Part 2 – article 2.3.C.2 change to "All frames to be welded."
2. Specification Section 081416 FLUSH WOOD DOORS, Part 1 – General, article 1.1.A, add: "3. Factory glazing flush wood doors."
3. Specification Section 081416 FLUSH WOOD DOORS, Part 2 – Products, article 2.5.B.2, delete: "indicated to be factory finished."

4. Specification Section 081416 FLUSH WOOD DOORS, Part 2 – Products, article 2.6.A.2, change to “Custom to match existing finish.”
5. Specification Section 081433 STILE AND RAIL WOOD DOORS – Remove entire section from manual.
6. Specification Section 084113 FOLDING WOOD-FRAMED GLASS DOORS, Delete: Part 1 – General, article 1.9.B, Special Finish Warranty.
7. Specification Section 088000 GLAZING, Part 1 – General, article 1.1.A add: “4. Vanity Mirrors.”
8. Specification Section 088000 GLAZING, Part 2 – Products, article 2.2 add:
“E. Mirror Units:
 1. ¼” thick tempered glass, triple silvered, electro-copper plated with baked enamel finish.
 2. ½” bevel, flat edge.
 3. Size: as indicated on drawings.”
9. Specification Section 088000 GLAZING, Part 2 – Products, article 2.4 FIRE-PROTECTION RATED-GLAZING change to:
 - A. “Manufacturer: FireLite® as manufactured by Nippon Electric Glass Company, Ltd., and distributed by Technical Glass Products, 8107 Bracken Place SE, Snoqualmie, WA 98065 (800-426-0279) fax (800-451-9857) e-mail sales@fireglass.com, web site <http://www.fireglass.com>
 - B. Properties:
 1. Thickness: 3/16 inch [5 mm].
 2. Weight: 2.4 lbs./sq. ft.
 3. Approximate Visible Transmission: 88 percent.
 4. Approximate Visible Reflection: 9 percent.
 5. Hardness (Vicker’s Scale): 700.
 6. Fire-rating: 20 minutes to 90 minutes.
 7. Impact Safety Resistance: None.
 8. Positive Pressure Test: UL 10C; passes.
 9. Surface Finish:
 - a. Standard Grade is polished for a surface quality that is comparable to alternative fire-rated ceramics marketed as having a premium finish.”
10. Specification Section 096570 RESILIENT TILE FLOORING, Part 2 – Products, article 2.1.B change: 1. 420APL Apple to “1015 Chestnut. “

11. Specification Section 096816 SHEET CARPETING, Part 2 – Products, article 2.1.B change: 1. NSP Number to “N272845”, and 2. Tryk Number to “F315627.”
12. Specification Section 099300 STAINING AND TRANSPARENT FINISHING, Part 1 – General article 1.1.A.1 add:
 - “c. Existing wood wall paneling.
 - d. Existing wood window sills.
 - e. Existing wood doors.
 - f. Existing wood panels at workstations.”
13. Specification Section 102800 TOILET AND BATH ACCESSORIES, Part 2 – Products, article 2.1. delete: article 2.1.G “Mirror Unit.”
14. Specification Section 122116 VERTICAL LOUVER BLINDS: Remove entire section from manual.
15. Specification Section 122413 ROLLER WINDOW SHADES, Part 3 – Execution add:

3.2 WINDOW SCHEDULE FOR ROLLER SHADE SIZING

- A. Field verify all quantities and dimensions.
- B. Floor 7:
 1. 66 each 3' - 4" x 5' - 7".
 2. 2 each 3' - 4" x 7' - 0".
 3. 12 each 5' - 8" x 5' - 7".
 4. 2 each 7' - 8" x 7' - 8".
- C. Floor 8:
 1. 66 each 3' - 4" x 5' - 7".
 2. 2 each 3' - 4" x 7' - 0".
 3. 12 each 5' - 8" x 5' - 7".
 4. 2 each 7' - 8" x 7' - 8".
- D. Floor 9:
 1. 68 each 3' - 4" x 5' - 7".
 2. 12 each 5' - 8" x 5' - 7".
 3. 1 each 12' - 8" x 7' - 0".
- E. Floor 10:
 1. 12 each 5' - 8" x 7' - 9".
 2. 34 each 7' - 8" x 7' - 8".

3. 1 each 12' – 8" x 7' – 0".

MECHANICAL

1. Specification Section 224000: PLUMBING FIXTURES

Change the following under Section 2.4 Paragraphs D and E:

- C. Basis of Design Lavatory Faucets: Kohler Puris K-T11837, wall mounted touchless faucet trim with infrared adaptive technology K-11830.
 1. Standard: ASME A112.18.1/CSA B125.1.
 2. Brass Construction
 3. Powered by the 30-year hybrid energy system
 4. 0.5 GPM flow rate
 5. 30 second maximum cycle time.
 6. Low lead compliant.
 7. Adjustable sensor/spout distance.
- D. Extend existing risers as required to mounting height of new faucet: Supply line: supplied by fixture manufacturer, or by McGuire or Brasscraft. Shall be lead-free, loose key standard stop lavatory supply kit, two polished chrome, solid brass angle stops with round wheel handles, two 12" flexible chrome-plated lavatory risers complete with two forged brass with set screw flanges; connections: 1/2" sweat x 3/8" OD.

CHANGES TO DRAWINGS:

- On sheet A55.1 door elevations on details 7 (door #855C), 14 (door #990A) and 17 (door #9-01A) to be type "G".
- On sheet A11.2, detail 13 add paper towel dispenser/waste receptacle to toilet room #1091.

REISSUED DRAWINGS:

ARCHITECTURAL

- | | |
|-------|-------------------|
| A05.1 | FLOOR 7 DEMO PLAN |
| A07.1 | FLOOR 7 DEMO RCP |
| A10.1 | FLOOR 7 PLAN |

A10.1a FLOOR 7 DIMENSION PLAN
A70.1 FLOOR 7 REFLECTED CEILING PLAN
A71.1 FLOOR 7 FINISH PLAN

MECHANICAL

M05.1 FLOOR 7 EXISTING CONDITIONS REMOVAL PLAN HVAC
M10.1 FLOOR 7 HVAC PLAN

ELECTRICAL

EL00.1 ELECTRICAL LEGENDS, ABBREVIATIONS AND GENERAL NOTES

EL60.1 ELECTRICAL SCHEDULES

EL10.1 FLOOR 7 LIGHTING PLAN

EP10.1 FLOOR 7 POWER AND SYSTEMS PLAN
EP10.2 FLOOR 8 POWER AND SYSTEMS PLAN
EP10.3 FLOOR 9 POWER AND SYSTEMS PLAN
EP10.4 FLOOR 10 POWER AND SYSTEMS PLAN

FA10.1 FLOOR 7 FIRE ALARM PLAN
FA10.2 FLOOR 8 FIRE ALARM PLAN
FA10.3 FLOOR 9 FIRE ALARM PLAN
FA10.4 FLOOR 10 FIRE ALARM PLAN

NEWLY ISSUED DRAWINGS:**ARCHITECTURAL**

SKC-001 FLOOR 7 DOOR SCHEDULE
SKC-002 LIGHT COVE DTL @ WOOD CLG
SKC-003 REVISED BUILT-IN BENCH DETAIL
SKC-004 LOCATION OF SMOKE CURTAIN ACCESS PANELS @ FLOORS 8-10 ELEVATOR LOBBIES
SKC-005 FLOOR 10 – ADA TOILET 1091

GENERAL QUESTIONS (RFI'S) FROM BIDDERS:

1. The film for the glass that is specified is for night vision and is used primarily for exterior, not interior. How do you want to proceed? All exterior windows shall receive 3M Night Vision Sun Control window film. Tint level to be determined by Architect based upon mock-ups. Interior windows shall receive window privacy film (Basis of Design: 3M Fasara Series), at locations shown on drawings. Pattern to be determined by Architect based upon mock-ups.
2. We are missing the ED set drawings for the Existing Conditions/Removals Plan in the electrical set. Allied Engineering removed the ED drawings and have described the demolition on E-00.1 in the Electrical General Notes.
3. Are we to remove the flooring in the stairwell/hallway in the 7th floor? It's not clear if we are to remove only the 3 doors and small amount of walls. Yes. 7th Floor stairwell/Hallway to receive CPT-3 per finish plan.
4. What open factor do you want for the light filtering shades? 3% in all exterior window locations and some interior window locations - although mock ups are currently being ordered in 3, 5 and 10%. Provide 1% openness factor at the following INTERIOR locations:
 - a. Meeting Room 729
 - b. Multipurpose Room 829 (2 locations)
 - c. Boardroom 1096
5. The motorized shades are asking for Mermet Flocke for the room darkening fabric. Do you want this same fabric for the manual shades that are room darkening? In Specification Section 122400 Motorized Window Shades, Part 2, delete Part E – Room Darkening Fabric and replace with: Light-Filtering Fabric: Woven fabric, stain and fade resistant.
 1. Source: Roller-shade manufacturer.
 2. Type: PVC-coated fiberglass.
 3. Weave: Mesh.
 4. Weight: 6.0 oz./sq. yd.
 5. Roll Width: Verify in Field per window size
 6. Openness Factor: 1%
 7. Color: As indicated on Drawings as selected by Architect from manufacturer's full range.
6. The 7th floor appears to have no roller shades. Please confirm. 7th floor to have manual roller shades at all exterior windows and at Meeting Room 729 per A10.1
7. The 8th floor appears that all exterior shades are to receive manual shades except for rooms 892, 890, and 894. Are these to be motorized? No, all exterior shades to be manual. Multipurpose

Room 829 has (2) interior roller shades, Library Office 887 & 889 have (2) interior roller shades each as well.

8. On the 9th and 10th floor it appears that all exterior shades are to receive manual shades. Please confirm. Yes. All exterior windows to receive manual roller shades. Board Room 1096 to receive a motorized shade at interior window.
9. On sheet A07.1 Seventh Floor RCP Demo Plan has a note about removing recessed lighting but doesn't show any for a count like it does on the other floors. Should we assume a count of 12? Assume a count of 15 at 7th floor elevator lobby.
10. On sheet A07.2, is the gypsum ceiling being removed in Corridor 893 in front of the lobby? The stepped gypsum soffit is being removed and replaced with a gypsum ceiling @ 9'-0" AFF.
11. Should spec section 085200 Wood Windows be included? The rounds of budgeting always included hard wood frame system by a millwork sub-contractor and glaze system by glazing sub-contractor? The specification section 085200 WOOD WINDOWS serves as the basis of design for the hardwood framed window-walls and as such defines design and quality expectations for the product. Per Part 2 – Products, article 2.2.B “Subject to compliance with requirements listed herein, provide either the named product or a comparable product that meets visual, physical, and performance criteria as judged solely by the Architect.”
12. Where are the Verticals as specified on 122116-1 to be located? Delete specification section 122116 VERTICAL LOUVER BLINDS.

END OF ADDENDUM

DEMOLITION NOTES

1. ALL DEMOLITION WORK SHALL CONFORM TO ALL LOCAL, STATE, & NATIONAL SAFETY CODES.
2. CONTRACTOR'S PRICE SHALL INCLUDE ANY COSTS THAT WILL BE INCURRED TO MEET ALL CONDITIONS AND REQUIREMENTS OF THE OWNER WITH RESPECT TO DEMOLITION, CONTROL OF NOISE, REFUSE, SCREENING FOR DUST, AND GENERAL DISRUPTION TO THE OPERATION OF THE BUILDING.
3. EXISTING UTILITIES TO REMAIN UNLESS NOTED OTHERWISE.
4. EXISTING FIRE PROTECTION AND LIFE SAFETY SYSTEMS TO REMAIN. PROTECT AND MAINTAIN DURING CONSTRUCTION. CONTRACTOR'S PRICING SHALL INCLUDE MODIFYING THE EXISTING FIRE SPRINKLER AND FIRE ALARM SYSTEMS AS REQD FOR NEW PLAN LAYOUT AND CODE REVISIONS, INCLUDING ADA.
5. MAINTAIN INTEGRITY OF ALL EXISTING FIRE RATED ASSEMBLIES TO REMAIN, INCLUDING ENCLOSURES AT COLUMNS, STAIRS, & SHAFTS.
6. MAINTAIN EXISTING EXIT PASSAGEWAYS AT ALL TIME.
7. PROTECT ALL EXISTING FINISHES, MILLWORK, AND CONSTRUCTION TO REMAIN. BEFORE STARTING WORK, THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS, INCLUDING DIMENSIONS AND ELEVATIONS, AND REPORT ANY DISCREPANCIES TO ARCHITECT BEFORE START OF DEMOLITION. QUESTIONS REGARDING THE SCOPE OF DEMOLITION SHALL BE CLARIFIED WITH ARCHITECT PRIOR TO PROCEEDING WITH WORK. THE CONTRACTOR SHALL PREPARE A LIST OF EXISTING DAMAGED AREAS, DOCUMENTED BY DATED PHOTOGRAPHS AND SIGNED BY THE PERSON CONDUCTING THE INVESTIGATION TO BE PRESENTED TO THE OWNER FOR VERIFICATION PRIOR TO STARTING DEMOLITION. THE ARCHITECT HAS NO KNOWLEDGE OF AND SHALL NOT BE HELD LIABLE FOR ANY ASBESTOS OR OTHER HAZARDOUS MATERIALS DISCOVERED DURING CONSTRUCTION. THE CONTRACTOR SHALL ISOLATE THE AFFECTED AREA AND CONTACT THE OWNER FOR FURTHER INSTRUCTIONS BEFORE PROCEEDING.
11. CONTRACTOR SHALL COORDINATE DEMOLITION OPERATIONS WITH THE OWNER, AND PROCURE PRIOR APPROVAL FOR ALL DEMOLITION PROCEDURES, INCLUDING USE OF BUILDING FACILITIES, PLACEMENT OF DUMPSTERS, REFUSE REMOVAL, AND PHASING. CONTRACTOR SHALL COORDINATE REMOVAL AND STORAGE OF ALL SALVAGED ITEMS WITH THE OWNER.
13. PROTECT AND MAINTAIN THE OPERATION OF ANY EXISTING SYSTEMS TO REMAIN FUNCTIONAL DURING THE PROJECT. PROCURE PRIOR APPROVAL FROM THE OWNER FOR ANY SHUTDOWNS REQUIRED.
14. CONTRACTOR TO VERIFY STRUCTURAL CONDITIONS BEFORE DEMOLITION BEGINS. PROVIDE TEMPORARY OR PERMANENT STRUCTURE AS REQUIRED.
15. MISC. EQUIPMENT OR FURNISHINGS SHALL BE STORED OR REMOVED AT THE DISCRETION OF THE OWNER.
16. REPAIR & PREPARE EXISTING WALLS, FLOORS, AND CEILINGS TO RECEIVE NEW FINISHES. REMOVE ALL EXISTING FLOOR FINISHES AND WALL BASE. U.N.O. REMOVE ALL EXISTING CONDITIONS WHICH CAUSE UNEVENNESS IN FLOORING SURFACE, SUCH AS FASTENERS, OUTLET CORES, MOUNDED COVER PLATES, RESILIENT FLOORING, CARPET, CARPET PAD, FLOOR PATCH, TO ENSURE THAT FLOOR IS SMOOTH AND LEVEL. PREPARE FOR NEW FINISHES.
18. WHERE PLUMBING FIXTURES ARE REMOVED, EXISTING PIPING SHALL BE CAPPED OR REMOVED.
19. WHERE ELECTRICAL FIXTURES ARE REMOVED, EXISTING WIRING SHALL BE REMOVED BACK TO DISTRIBUTION PANEL OR ELEC. J-BOX. REFER TO ELECTRICAL DEMOLITION DRAWINGS.
20. AFTER DEMOLITION, ALL ABANDONED PENETRATIONS SHALL BE PATCHED AND FIRE PROTECTED ACCORDING TO CODE.
21. CONTRACTOR TO PROTECT AREAS TO REMAIN OPERATIONAL FROM DUST & DEBRIS. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND CLEANING ANY AREAS EXPOSED TO DUST OR DEBRIS FROM DEMOLITION ACTIVITIES.

NO NEW SCOPE IN THIS WING OTHER THAN THE ELIMINATION OF DOORS AT STAIR 1/EGRESS CORRIDOR, AND DEMOLITION OF CEILING AND HVAC AT THE INTERIOR - SEE RCP & MECH DWGS.

EXISTING DEMISING PARTITION TO BE DEMOD IN FINAL PHASE OF WORK

WALL TYPE KEY

- EXG ———
- DEMO - - - - -
- NEW = = = = =
- 1 HR ———
- 2 HR ———

DEMOLITION KEY

- ① REMOVE EXISTING FLOOR MATERIAL AND BASE FROM EXISTING CONC. SLAB OR SUBFLOOR.
- ② REFER TO MECH., ELECT., AND PLUMBING DEMOLITION DWGS FOR REMOVAL OF HVAC, WIRING & SPRINKLER HEADS.
- ③ REMOVE EXISTING PLUMBING FIXTURES. REFER TO PLUMBING DEMOLITION DWGS.
- ④ REMOVE EXISTING PARTITION.
- ⑤ REMOVE EXISTING DOOR & FRAME. (SELECTED FRAMES TO REMAIN AS NOTED).
- ⑥ REMOVE EXISTING CEILING/SOFFIT. SEE CEILING DEMO PLANS.
- ⑦ REMOVE EXISTING CASEWORK AND/OR SYSTEMS FURNITURE. G.C. TO SALVAGE SYSTEMS FURNITURE FOR RE-USE IN AREAS INDICATED ON DRAWINGS.
- ⑧ REMOVE EXISTING ACOUSTICAL PANELS AND/OR WALL COVERING. PREP WALLS FOR NEW WALL COVERING.
- ⑨ REMOVE EXISTING WINDOW.



1 SEVENTH FLOOR DEMOLITION PLAN
1/8" = 1'-0"

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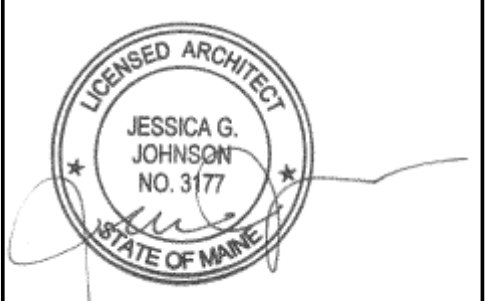
Mark	Date	Description
1	10-10-2016	Addendum 1

Project Status
ISSUED FOR CONSTRUCTION
September 21, 2016

Drawing Title
FLOOR 7 DEMO PLAN

Scale: As indicated

Drawing Number
A05.1



- DEMOLITION NOTES**
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 - EXISTING UTILITIES TO REMAIN UNLESS NOTED OTHERWISE.
 - EXISTING FIRE PROTECTION AND LIFE SAFETY SYSTEMS TO REMAIN. PROTECT AND MAINTAIN DURING CONSTRUCTION. CONTRACTOR'S PRICING SHALL INCLUDE MODIFYING THE EXISTING FIRE SPRINKLER AND FIRE ALARM SYSTEMS AS REQ'D FOR NEW PLAN LAYOUT AND CODE REVISIONS, INCLUDING ADA.
 - MAINTAIN INTEGRITY OF ALL EXISTING FIRE RATED ASSEMBLIES TO REMAIN, INCLUDING ENCLOSURES AT COLUMNS, STAIRS, & SHAFTS.
 - MAINTAIN EXISTING EXIT PASSAGEWAYS AT ALL TIME.
 - PROTECT ALL EXISTING FINISHES, MILLWORK, AND CONSTRUCTION TO REMAIN. BEFORE STARTING WORK, THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS, INCLUDING DIMENSIONS AND ELEVATIONS, AND REPORT ANY DISCREPANCIES TO ARCHITECT BEFORE START OF DEMOLITION. QUESTIONS REGARDING THE SCOPE OF DEMOLITION SHALL BE CLARIFIED WITH ARCHITECT PRIOR TO PROCEEDING WITH WORK.
 - THE CONTRACTOR SHALL PREPARE A LIST OF EXISTING DAMAGED AREAS, DOCUMENTED BY DATED PHOTOGRAPHS AND SIGNED BY THE PERSON CONDUCTING THE INVESTIGATION TO BE PRESENTED TO THE OWNER FOR VERIFICATION PRIOR TO STARTING DEMOLITION.
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 - REPAIR & PREPARE EXISTING WALLS, FLOORS, AND CEILINGS TO RECEIVE NEW FINISHES. REMOVE ALL EXISTING FLOOR FINISHES AND WALL BASE. U.N.O. REMOVE ALL EXISTING CONDITIONS WHICH CAUSE UNEVENNESS IN FLOORING SURFACE, SUCH AS FASTENERS, OUTLET CORES, MOUNDED COVER PLATES, RESILIENT FLOORING, CARPET, CARPET PAD, FLOOR PATCH, TO ENSURE THAT FLOOR IS SMOOTH AND LEVEL. PREPARE FOR NEW FINISHES.
 - WHERE PLUMBING FIXTURES ARE REMOVED, EXISTING PIPING SHALL BE CAPPED OR REMOVED.
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1 FLOOR 7 DEMO RCP
 1/8" = 1'-0"

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**FLOOR 7 DEMO
 RCP**

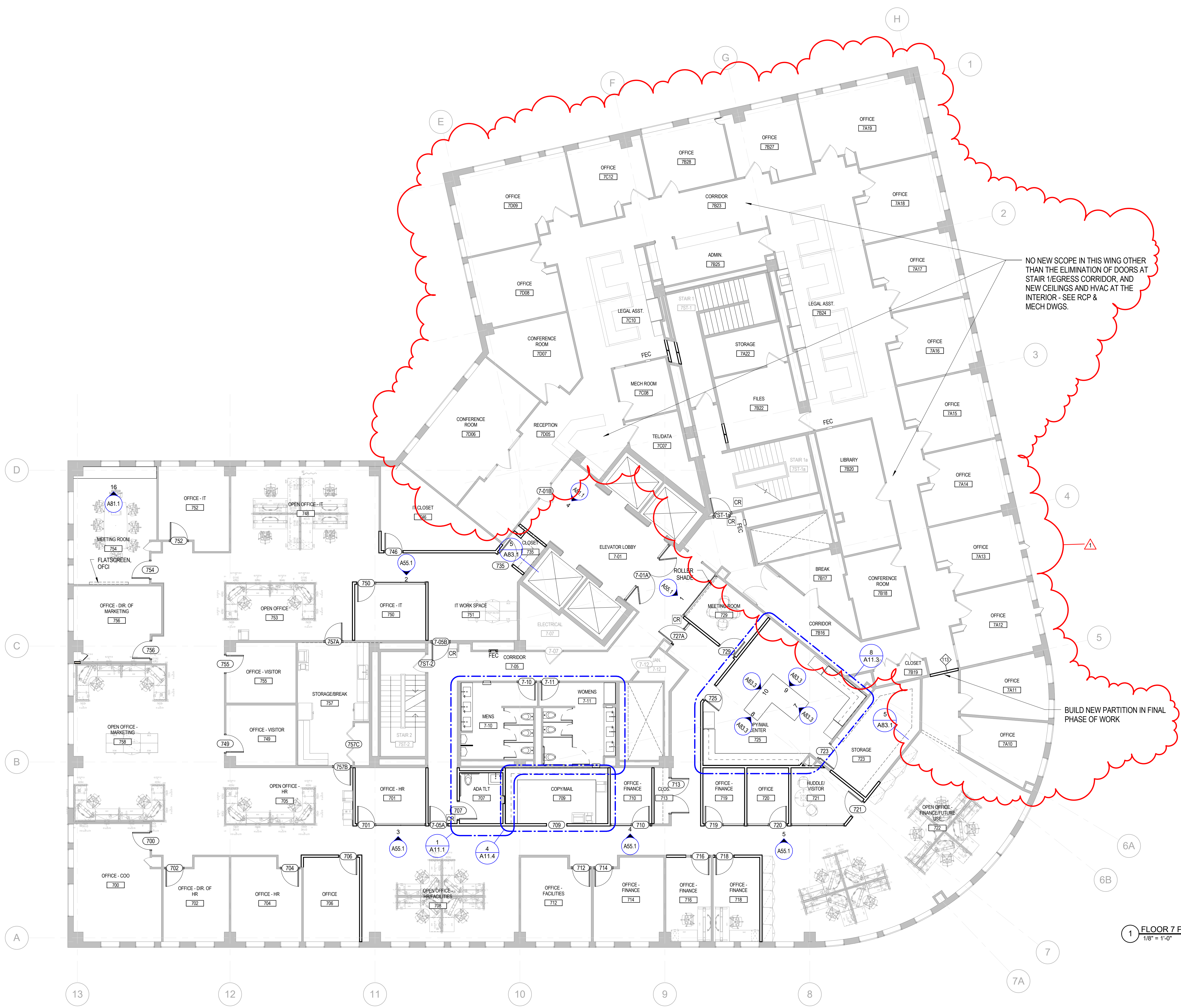
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Drawing Number
A07.1

- GENERAL NOTES**
- PLAN BASED ON FIELD MEASUREMENT OF EXISTING BUILDING AND/OR EXISTING CONDITIONS DRAWINGS. VERIFY EXISTING LOCAL DIMENSIONS AND CONDITIONS IN FIELD BEFORE BEGINNING NEW WORK.
 - EXISTING FIRE SPRINKLER SYSTEM TO REMAIN. PROTECT AND MAINTAIN DURING CONSTRUCTION. CONTRACTOR'S PRICING SHALL INCLUDE MODIFYING THE EXISTING FIRE SPRINKLER AND FIRE ALARM SYSTEMS (INCLUDING RAISING SPRINKLER HEADS) AS REQUIRED FOR NEW PLAN LAYOUT AND CODE REVISIONS INCLUDING ADA. CONTRACTOR WILL BE RESPONSIBLE FOR THE DRAWINGS, SUBMITTAL AND APPROVAL OF ANY FIRE SPRINKLER AND FIRE ALARM WORK AS A DEFERRED SUBMITTAL.
 - ALL DOORS ADJACENT TO WALLS ARE GIVEN AS 4" FROM FACE OF JAMB TO FACE OF FINISH OR ADJACENT WALL, TYPICAL UNLESS NOTED OTHERWISE.
 - PRESERVE AND MAINTAIN EXISTING EXITS THROUGHOUT CONSTRUCTION.
 - PATCH AND REPAIR ALL AREAS THAT ARE AFFECTED DURING CONSTRUCTION.
 - THE GENERAL CONTRACTOR SHALL ESTABLISH THE LOCATION OF ALL NEW WALLS IN THE FIELD ON THE FLOOR EITHER WITH CHALK LINES OR TAPE AS APPROPRIATE. THE G.C. SHALL ARRANGE A WALK THROUGH OF THE ENTIRE PROJECT AREA WITH THE OWNER AND ARCHITECT TO CONFIRM THAT THE SIZE, SHAPE AND PLACEMENT OF ALL ROOMS RECEIVES OWNER APPROVAL PRIOR TO FRAMING ANY NEW WALLS. IF THE OWNER REQUESTS ANY CHANGE, THE G.C. SHALL NOTIFY THE ARCHITECT BEFORE PROCEEDING WITH SUCH CHANGE.
 - ALL EXISTING TO REMAIN AND NEW GWB PARTITIONS SHALL BE TAPED AND SANDED SMOOTH TO A LEVEL 4 FINISH U.O.N. THE CONTRACTOR SHALL PATCH AND REPAIR SURFACES TO MATCH ADJACENT OR ADJOINING SURFACES WHEREVER REQUIRED. THESE SURFACES SHALL BE ALIGNED AND SANDED SMOOTH. ALL WORK SHALL BE ERECTED AND INSTALLED PLUMB, LEVEL, SQUARE AND TRUE, AND IN PROPER ALIGNMENT. PATCH AND SKIM BASE OF WALLS WHERE BASE IS REMOVED. PREPARE FOR NEW FINISHES.
 - ALL PARTITIONS ARE DIMENSIONED FROM FINISH FACE TO FINISH FACE, U.O.N. ALL CLEAR DIMENSIONS ARE NOT ADJUSTABLE WITHOUT ARCHITECT'S APPROVAL.
 - PARTITION TYPES ARE TYPE 113 ON SHEET A40.1 UNLESS NOTED OTHERWISE.
 - VERIFY LOCATIONS OF EXISTING COLUMNS TO BE LOCATED WITHIN NEW WALL CONSTRUCTION AND NOTIFY ARCHITECT OF DISCREPANCIES.
 - MAINTAIN ALL EXISTING RATED CONSTRUCTION U.N.O. ON THE PLANS. PATCH AND REPAIR AS REQUIRED TO ENSURE INTEGRITY OF EXISTING FIRE RATINGS.
 - FINISH FACES SHALL ALIGN AT JUNCTION OF NEW AND EXISTING CONSTRUCTION U.N.O.
 - CONTRACTOR SHALL PROVIDE MOISTURE RESISTANT GWB IN BATHROOMS AS NOTED. SHOWER AREAS EXPOSED TO GREATER CONCENTRATIONS OF MOISTURE TO RECEIVE TILE BACKER BOARD.
 - RATED WALLS SHALL BE PERMANENTLY IDENTIFIED AS SUCH IN CONCEALED SPACE WITH SIGNAGE OR STENCILING IN ACCORDANCE WITH IBC 2009 703.6.
 - ALL FURNITURE SHOWN FOR INFORMATION AND COORDINATION PURPOSES ONLY. N.I.C.

WALL TYPE KEY

- EXG
- DEMO
- NEW
- 1 HR
- 2 HR



1 FLOOR 7 PLAN
 1/8" = 1'-0"

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- THE GENERAL CONTRACTOR SHALL ESTABLISH THE LOCATION OF ALL NEW WALLS IN THE FIELD ON THE FLOOR EITHER WITH CHALK LINES OR TAPE AS APPROPRIATE. THE G.C. SHALL ARRANGE A WALK THROUGH OF THE ENTIRE PROJECT AREA WITH THE OWNER AND ARCHITECT TO CONFIRM THAT THE SIZE, SHAPE AND PLACEMENT OF ALL ROOMS RECEIVES OWNER APPROVAL PRIOR TO FRAMING ANY NEW WALLS. IF THE OWNER REQUESTS ANY CHANGE, THE G.C. SHALL NOTIFY THE ARCHITECT BEFORE PROCEEDING WITH SUCH CHANGE.
- ALL EXISTING TO REMAIN AND NEW GWB PARTITIONS SHALL BE TAPED AND SANDED SMOOTH TO A LEVEL 4 FINISH U.O.N. THE CONTRACTOR SHALL PATCH AND REPAIR SURFACES TO MATCH ADJACENT OR ADJOINING SURFACES WHEREVER REQUIRED. THESE SURFACES SHALL BE ALIGNED AND SANDED SMOOTH. ALL WORK SHALL BE ERRECTED AND INSTALLED PLUMB, LEVEL, SQUARE AND TRUE, AND IN PROPER ALIGNMENT. PATCH AND SKIM BASE OF WALLS WHERE BASE IS REMOVED. PREPARE FOR NEW FINISHES.
- ALL PARTITIONS ARE DIMENSIONED FROM FINISH FACE TO FINISH FACE, U.O.N. ALL CLEAR DIMENSIONS ARE NOT ADJUSTABLE WITHOUT ARCHITECT'S APPROVAL.
- PARTITION TYPES ARE TYPE 113 ON SHEET A40.1 UNLESS NOTED OTHERWISE.
- VERIFY LOCATIONS OF EXISTING COLUMNS TO BE LOCATED WITHIN NEW WALL CONSTRUCTION AND NOTIFY ARCHITECT OF DISCREPANCIES.
- MAINTAIN ALL EXISTING RATED CONSTRUCTION U.O.N. ON THE PLANS. PATCH AND REPAIR AS REQUIRED TO ENSURE INTEGRITY OF EXISTING FIRE RATINGS.
- FINISH FACES SHALL ALIGN AT JUNCTION OF NEW AND EXISTING CONSTRUCTION U.O.N.
- CONTRACTOR SHALL PROVIDE MOISTURE RESISTANT GWB IN BATHROOMS AS NOTED. SHOWER AREAS EXPOSED TO GREATER CONCENTRATIONS OF MOISTURE TO RECEIVE TILE BACKER BOARD.
- RATED WALLS SHALL BE PERMANENTLY IDENTIFIED AS SUCH IN CONCEALED SPACE WITH SIGNAGE OR STENCILING IN ACCORDANCE WITH IBC 2309.703.6.
- ALL FURNITURE SHOWN FOR INFORMATION AND COORDINATION PURPOSES ONLY. N.I.C.

NO NEW SCOPE IN THIS WING OTHER THAN THE ELIMINATION OF DOORS AT STAIR 1/EGRESS CORRIDOR, AND NEW CEILINGS AND HVAC AT THE INTERIOR - SEE ROP & MECH DWGS.

WALL TYPE KEY

- EXG
- DEMO
- NEW
- 1 HR
- 2 HR



1 FLOOR 7 DIMENSION PLAN
1/8" = 1'-0"

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Mark	Date	Description
1	10-10-2016	Addendum 1

Project Status
ISSUED FOR CONSTRUCTION
September 21, 2016

Drawing Title
FLOOR 7 DIMENSION PLAN

Scale: As indicated

Drawing Number
A10.1A

- REFLECTED CEILING PLAN GENERAL NOTES**
- CONTRACTOR TO PROVIDE ANY MISSING ESCUTCHEONS AT SPRINKLER HEADS
 - ALL LIGHT FIXTURES AND HVAC REGISTERS SHALL BE LOCATED ON CEILING GRID U.N.O. ALL CEILING FIXTURES INCLUDING ALL DOWNLIGHTS & SPRINKLER HEADS SHALL BE CENTERED ON PANEL OR TILE, TYP U.O.
 - NOTIFY ARCHITECT OF ANY CONFLICTS WITH THE SUSPENDED GRID SYSTEM, HVAC, OR SPRINKLER FIXTURES PRIOR TO INSTALLATION. ALL FIXTURE RELOCATION IS SUBJECT TO ARCHITECT'S APPROVAL. EMERGENCY LIGHTING SHALL BE PROVIDED PER CODE REQUIREMENTS.
 - ALL CEILING FIXTURES AND WIRING FOR LIGHT FIXTURES, EXIT SIGNS, OR OTHER ELECTRICAL DEVICES SHALL BE U.L. APPROVED, THERMALLY PROTECTED, AND SHALL BE INSTALLED IN CONDUIT OR OTHER WIRING METHOD APPROVED BY THE BUILDING DEPARTMENT. ALL SWITCHES, THERMOSTATS, AND OTHER WALL-MOUNTED CONTROL DEVICES SHALL BE MOUNTED AT 48" ABOVE UNFINISHED FLOOR TO TOP OF BOX U.O.N.
 - SUBMITTALS AND SHOP DRAWINGS FOR ALL LIGHT FIXTURES ARE REQUIRED FOR APPROVAL PRIOR TO PURCHASE OF MATERIALS/FIXTURES.
 - THIS DRAWING IS FOR LAYOUT PURPOSES ONLY. ENGINEERING OF SWITCHING AND CIRCUITRY SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND REGULATIONS FOR BUILDING LIFE SAFETY. EMERGENCY, EGRESS AND NIGHT LIGHTS. SEE ELECTRICAL NOTES. HORNS AND STROBES SHALL BE PROVIDED THROUGHOUT AREA OF WORK AS REQUIRED TO MEET CODE REQUIREMENTS. LAYOUT MUST BE SUBMITTED TO ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION.
 - LIGHT FIXTURES AND SWITCHING SHALL CONFORM TO CODE REQUIREMENTS. PROVIDE A CONSISTENT LAMP COLOR TEMPERATURE THROUGHOUT THE SPACE. MATCH EXISTING BUILDING STANDARD LAMP U.O.N.
 - REWORK EXISTING LIGHT FIXTURE SWITCH LOCATIONS, HVAC DIFFUSER LOCATIONS, FIRE SPRINKLER LAYOUT AND THERMOSTAT LOCATIONS AS REQUIRED FOR NEW LAYOUT.
 - PATCH AND REPAIR ALL AREAS AFFECTED BY CONSTRUCTION. ALL NEW GWB CEILINGS & SOFFITS SHALL BE SMOOTH FINISH. MATCH LEVEL OF EXISTING. EXISTING SOFFITS TO REMAIN SHALL BE FINISHED TO SMOOTH LEVEL & FINISH AS WELL.
 - EXIT SIGNS ARE NORMALLY ILLUMINATED AT ALL TIMES AND PROVIDED WITH AN EMERGENCY ELECTRICAL SYSTEM FROM STORAGE BATTERIES, UNIT EQUIPMENT, OR AN ON-SITE GENERATOR SET TO INSURE CONTINUED ILLUMINATION FOR AT LEAST 90 MINUTES IN CASE OF PRIMARY POWER LOSS.
 - PROVIDE CEILING ACCESS PANELS AS REQUIRED FOR CODE COMPLIANCE AND MAINTENANCE OF ALL SYSTEMS ABOVE CEILING. CONTRACTOR TO ATTEMPT TO PROVIDE MULTIPLE POINTS OF ACCESS THROUGH ONE PANEL WHEN LAYING OUT UTILITIES ABOVE CEILING. PRIOR TO INSTALLATION, CONTRACTOR TO REVIEW IN FIELD WITH ARCHITECT AND OWNER THE LOCATIONS OF ALL PANELS. CEILING ACCESS PANELS TO BE PAINTED TO MATCH CEILING FINISH.
 - OPEN TO STRUCTURE CEILING SHALL BE CLEANED OF DEBRIS, CAP ALL UNUSED CONDUIT, WIRE, PIPE, & DUCT AND PREP TO RECEIVE NEW PAINT.
 - CONTRACTOR TO PROVIDE ANY MISSING ESCUTCHEONS AT SPRINKLER HEADS.

NO NEW SCOPE IN THIS WING OTHER THAN THE ELIMINATION OF DOORS AT STAIR 1/EGRESS CORRIDOR, AND NEW CEILINGS AND HVAC AT THE INTERIOR - SEE RCP & MECH DWGS.

NEW SOFFIT IN FINAL PHASE OF WORK

CEILING LEGEND

	CEILING TYPE TAG & HEIGHT A.F.F. 8'-0"
	GWB CEILING ON METAL STUD FRAMING
	ACOUSTICAL TILE CEILING
	SPRINKLER HEAD
	SMOKE/HEAT DETECTOR
	EXIT SIGN
	RECESSED CAN FIXTURE - ROUND
	RECESSED CAN FIXTURE - SQUARE
	2' x 2' FLUSH MOUNT FIXTURE
	2' x 4' FLUSH MOUNT FIXTURE
	ROUND PENDANT FIXTURE
	LINEAR PENDANT FIXTURE
	SUPPLY DIFFUSER
	RETURN GRILL

NOTE:
 LIGHTING, MECHANICAL, & FIRE PROTECTION SYMBOLS ON ARCHITECTURAL DRAWINGS PROVIDED FOR LAYOUT AND COORDINATION PURPOSES ONLY. SEE ENGINEERING DRAWINGS, SCHEDULES, AND SPECIFICATIONS FOR PRODUCT DATA & REQUIREMENTS.

NOTE:
 REUSE EXISTING GRID AT ALL PERIMETER OFFICES.
 EXISTING GWB CEILINGS AND SOFFITS TO REMAIN SHOWN HALFTONE.
 EXISTING BARREL VOLT CEILINGS IN CORRIDORS TO REMAIN.



SEVENTH FLOOR RCP
 1/8" = 1'-0"

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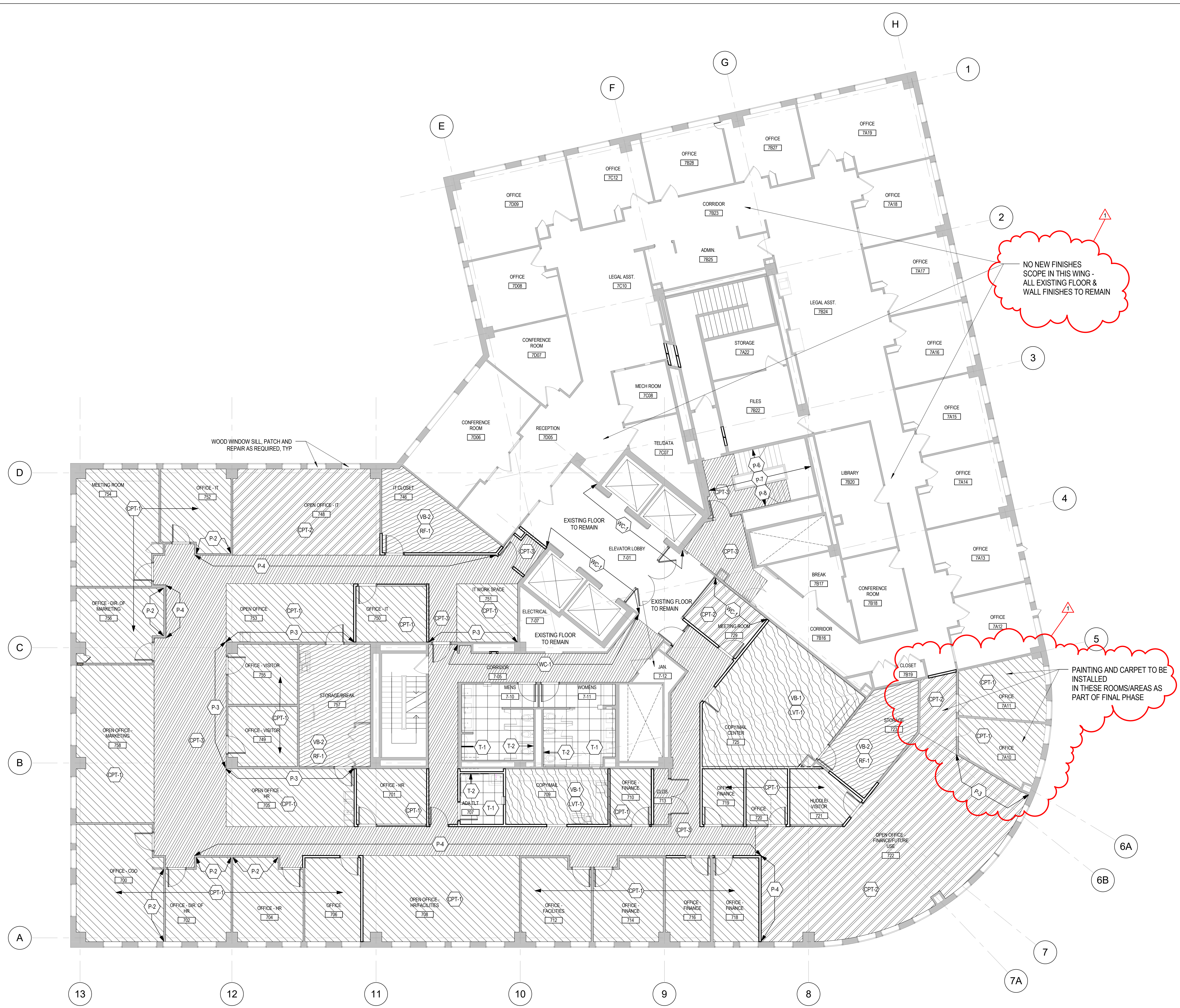
ISSUED FOR CONSTRUCTION
 September 21, 2016

FLOOR 7 REFLECTED CEILING PLAN

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

Drawing Number
A70.1

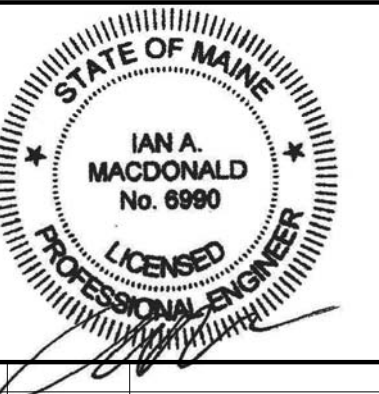
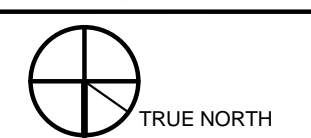
FINISH LEGEND				
FLOOR FINISH	<ul style="list-style-type: none"> CPT-1 - Private Offices & Workstations CPT-2 - Meeting Rooms & Conference Rooms CPT-3 - Corridors CPT-4 - Reception Area, Boardroom & Breakout Space 			
	<ul style="list-style-type: none"> LVT-1 - Kitchen, Copy, Break rms. 			
	<ul style="list-style-type: none"> RF-1 - Utility spaces 			
	<ul style="list-style-type: none"> T-1 - Floor Tile @ Toilet Rooms T-2 - Wall Tile @ Toilet Rooms 			
WALL BASE	<ul style="list-style-type: none"> WB-1 PAINTED WOOD BASE - P-9 WB-2 STAINED WOOD BASE - TO MATCH EXISTING WOOD. <p>Traditional Wall Base</p> <ul style="list-style-type: none"> VB-1 (4" Rubber Wall Base VB-2 (4" Rubber Wall Base T-3 Porcelain Wall Base Tile (6"x24") - Wall Base Tile @ Toilet Rooms <p>Use With</p> <ul style="list-style-type: none"> LVT-1 RF-1 T-1 			
	PAINT COLORS	<p>Paints (Sherwin Williams)</p> <ul style="list-style-type: none"> P-1 - Wall (Field Color) P-2 - Private Office (Accent Color) P-3 - Corridor (Accent Color) P-4 - Corridor (Field Color) P-5 - Loungebrary (Accent Color) P-6 - Stair Wall Color (Field Color) P-7 - Stair Wall Color (Accent Color) P-8 - Stair Metal Stringer Color P-9 - Door Frames, Doors & Wall Base WB-1 P-10 - GWB Ceilings & Soffits <p>NOTE: P-10 @ ALL GWB SOFFITS/CEILINGS P-9 @ ALL DOOR FRAMES</p>		
		WALLCOVERING	<ul style="list-style-type: none"> WC-1 - Elevators/Conference Breakout & Boardroom WC-2 - Reception Area WC-3 - Large Conference & Small Conference rooms 	
			MILLWORK FINISHES	<p>Plastic Laminate</p> <ul style="list-style-type: none"> PL-1 - Kitchen 991 & Coffee Bar 1081 PL-2 - Casework @ Copy Mail 709, Typical Copy Rooms & Coffee Bars PL-3 - Toilet Rooms PL-4 - Copy/Mail Center PL-5 - Copy/Mail Center
Solid Surface				<ul style="list-style-type: none"> SS-1 - Countertop @ Copy Mail 709, Kitchen 991, Typical Copy Rooms & Coffee Bars SS-2 - Small/Medium Meeting Rooms, Front Desk & Boardroom SS-3 - Vanity @ Toilet Rooms SS-4 - Transition Counter @ Conference Breakout
		Solid Hardwood/Wood Veneer		<ul style="list-style-type: none"> WD-1 - To Match Existing Wood Finish



NO NEW FINISHES SCOPE IN THIS WING - ALL EXISTING FLOOR & WALL FINISHES TO REMAIN

PAINTING AND CARPET TO BE INSTALLED IN THESE ROOMS/AREAS AS PART OF FINAL PHASE

1 FLOOR 7 FINISH PLAN
 1/8" = 1'-0"



Mark	Date	Description
1	10-10-2016	Addendum 1

Project Status

ISSUED FOR
CONSTRUCTION

SEPTEMBER 21, 2016

Drawing Title

FLOOR 7
EXISTING
CONDITIONS
REMOVAL PLAN
HVAC

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

Drawing Number

M05.1

DEMOLITION - GENERAL NOTES

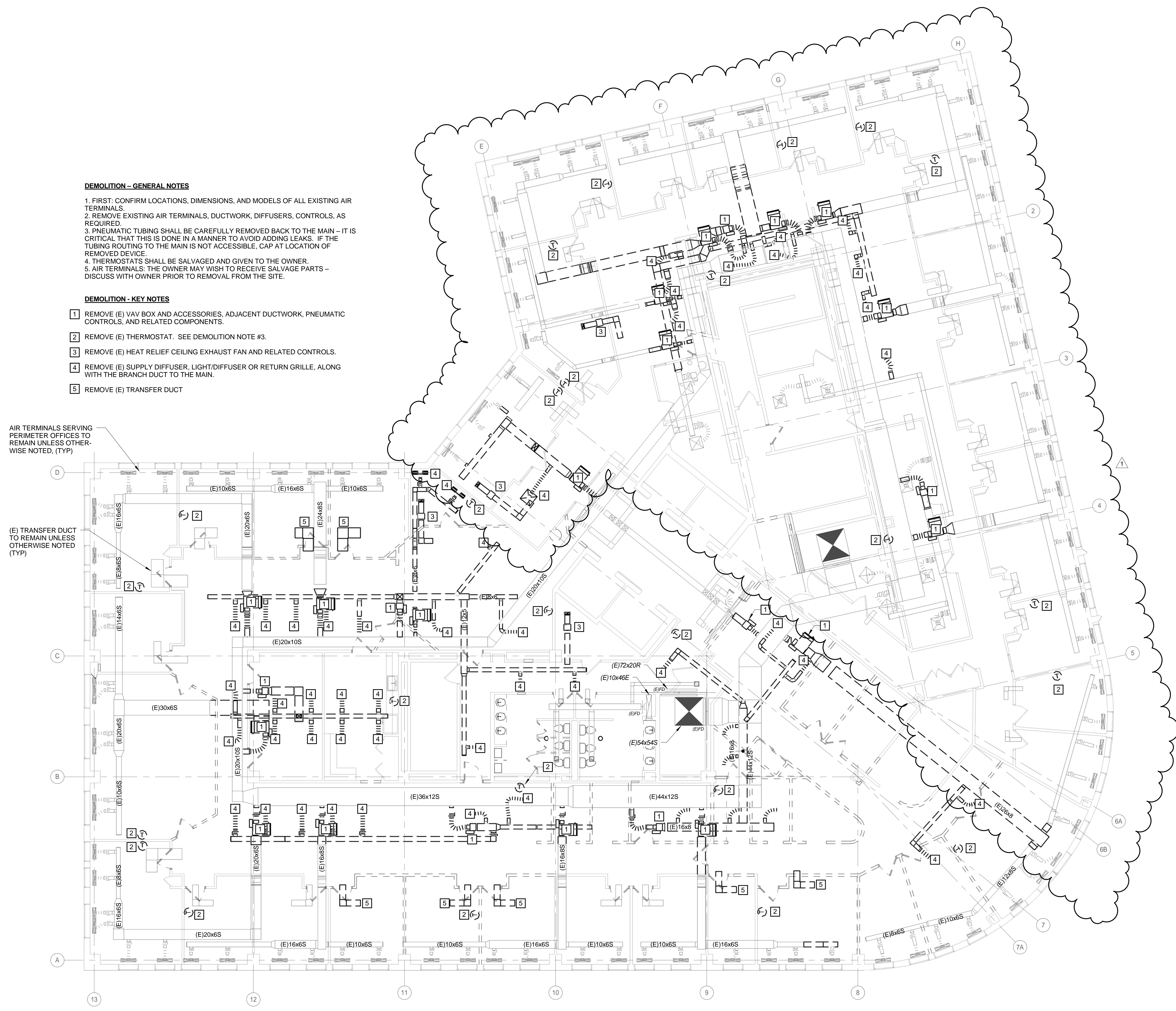
1. FIRST: CONFIRM LOCATIONS, DIMENSIONS, AND MODELS OF ALL EXISTING AIR TERMINALS.
2. REMOVE EXISTING AIR TERMINALS, DUCTWORK, DIFFUSERS, CONTROLS, AS REQUIRED.
3. PNEUMATIC TUBING SHALL BE CAREFULLY REMOVED BACK TO THE MAIN - IT IS CRITICAL THAT THIS IS DONE IN A MANNER TO AVOID ADDING LEAKS. IF THE TUBING ROUTING TO THE MAIN IS NOT ACCESSIBLE, CAP AT LOCATION OF REMOVED DEVICE.
4. THERMOSTATS SHALL BE SALVAGED AND GIVEN TO THE OWNER.
5. AIR TERMINALS: THE OWNER MAY WISH TO RECEIVE SALVAGE PARTS - DISCUSS WITH OWNER PRIOR TO REMOVAL FROM THE SITE.

DEMOLITION - KEY NOTES

- 1 REMOVE (E) VAV BOX AND ACCESSORIES, ADJACENT DUCTWORK, PNEUMATIC CONTROLS, AND RELATED COMPONENTS.
- 2 REMOVE (E) THERMOSTAT. SEE DEMOLITION NOTE #3.
- 3 REMOVE (E) HEAT RELIEF CEILING EXHAUST FAN AND RELATED CONTROLS.
- 4 REMOVE (E) SUPPLY DIFFUSER, LIGHT/DIFFUSER OR RETURN GRILLE, ALONG WITH THE BRANCH DUCT TO THE MAIN.
- 5 REMOVE (E) TRANSFER DUCT

AIR TERMINALS SERVING PERIMETER OFFICES TO REMAIN UNLESS OTHERWISE NOTED, (TYP)

(E) TRANSFER DUCT TO REMAIN UNLESS OTHERWISE NOTED (TYP)



KEY NOTES

- 1 FLEXIBLE DUCT OVER EXISTING BARREL VAULT CEILING FOR EASE OF INSTALLATION.
- 2 PROVIDE HEAT RELIEF EXHAUST FAN; SEE DETAIL.
- 3 PROVIDE A 14" X 8" LINED TRANSFER DUCT WITH 90 DEG. ELBOW AND TWO 3-FT LEGS.
- 4 PROVIDE AN 8" X 8" LINED TRANSFER DUCT WITH 90 DEG. ELBOW AND TWO 3-FT LEGS.
- 5 EXIST. PLENUM RETURN AIR INTO RETURN AIR STACK SHAFT.
- 6 RECONNECT EXIST. DUCT TO EXIST. AIR OUTLET.

GENERAL NOTES

1. PROVIDE TEMPERATURE SENSOR FOR EACH ZONE, LOCATE IN PLACE OF EXISTING WHERE APPLICABLE.
2. PROVIDE 2-FT MINIMUM STRAIGHT DUCTWORK AT VAV BOX AIR INLETS.
3. ALL NEW AND EXISTING AIR OUTLETS/INLETS SHALL BE TESTED, ADJUSTED, AND BALANCED.
4. LARGE SPACES WITH MORE THAN ONE VAV BOX - PROVIDE ONE TEMP SENSOR AND CONTROL THE UNITS IN PARALLEL.
5. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LAYOUT OF ITEMS IN THE CEILING.

EXISTING CONDITIONS

ABOVE CEILING CONDITIONS SHALL BE CONFIRMED AND VALIDATED BY THE CONTRACTOR WHEN THE SPACES BECOME ACCESSIBLE AND CEILINGS ARE REMOVED. BIDDING CONTRACTORS SHALL MAKE ALLOWANCES FOR HIDDEN CONDITIONS.

1. APPROXIMATE LOCATIONS OF VAV BOXES ARE INDICATED. POSITION IN CEILING TO ALLOW FOR PROPER SERVICE CLEARANCES.
2. FIELD SURVEY EXISTING VAV BOXES PRIOR TO SUBMITTALS. CONFIRM DIMENSIONS, INLET SIZE, OUTLET SIZE, LEFT-HAND/RIGHT-HAND, CONTROL PANEL LOCATIONS, ACCESS PANELS, AND CONFIGURATION OF EXISTING UNITS.
3. DEPENDING ON FIELD CONDITIONS, THE SERVICE ACCESS INDICATED MAY NEED TO BE ON THE OPPOSITE SIDE (FOR EXAMPLE LEFT HAND, INSTEAD OF RIGHT HAND). LOW-PROFILE VERSIONS OF VAV BOXES MAY BE A BETTER FIT.
4. DUCT SIZES MAY NEED TO BE EQUIVALENT SIZES. FOR EXAMPLE, A 14" DIAMETER DUCT MAY NEED TO TRANSITION TO A 22"x8" DUCT TO AVOID AN OBSTRUCTION.
5. EXISTING TEMP SENSORS TO BE REPLACED IN SAME LOCATION. CONFIRM LOCATIONS OF ALL THERMOSTATS WITH OWNER - AVOID LOCATING NEAR COMPUTERS, COPIERS, OR OTHER HEAT SOURCES.

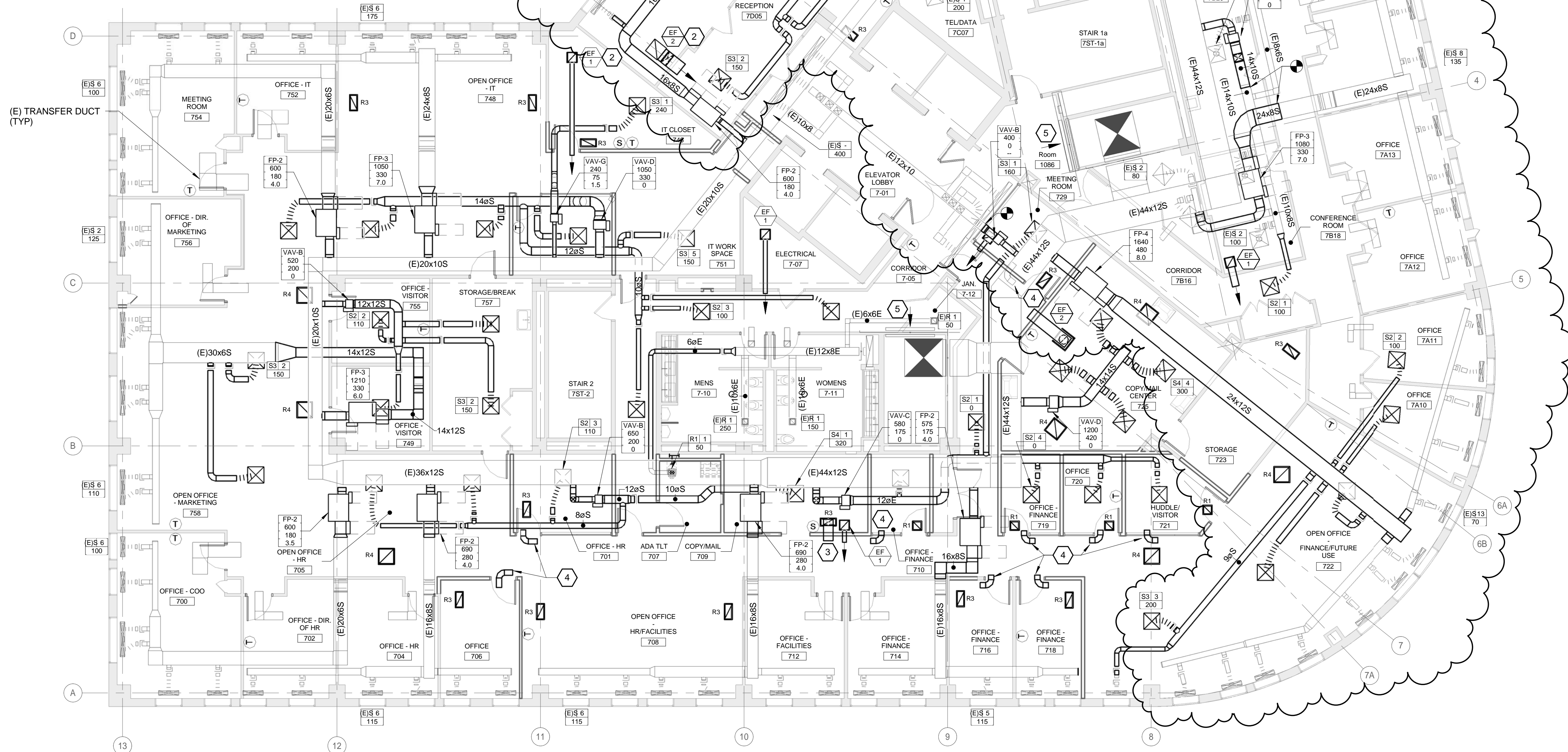


Table with columns A1-AB and 1-12. A1: ABBREVIATIONS, A3: LIGHTING, A5: RECEPTACLES, A7: ELECTRICAL GENERAL NOTES.

NOTE: SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT NECESSARILY INDICATE THEIR INCORPORATION INTO THE DESIGN.

NOTE TYPICAL FOR ALL LUMINAIRES: INDICATES LIGHT FIXTURE TYPE ON LUMINAIRE SCHEDULE.

EM: HATCHING OR "EM" INDICATES FIXTURE CONNECTED TO UL924 LISTED LIGHTING INVERTER.

EXIT SIGN: EXIT SIGN WITH BATTERY, CEILING MOUNTED, SHADING INDICATES FACE(S).

UL924 LISTED EMERGENCY LIGHTING INVERTER: PROVIDE POWER CAPACITY AS REQUIRED TO SERVE THE CONNECTED LOAD ON EACH FLOOR.

REFER TO LUMINAIRE SCHEDULE FOR LIGHT FIXTURE TYPES.

EXISTING DATA OUTLET TO REMAIN

EXISTING TEL/DATA OUTLET TO REMAIN

TELEPHONE WALL OUTLET, 44" AFF UNO

TELEPHONE OUTLET FOR ELEVATOR CONNECTION

TELEPHONE OUTLET, 18" AFF UNO

(1) TEL/(4) DATA OUTLET, 18" AFF UNO "c" INDICATES ABOVE COUNTER

DATA OUTLET, 18" AFF UNO "c" INDICATES ABOVE COUNTER

(1) TEL/(2) DATA OUTLET, 18" AFF UNO "c" INDICATES ABOVE COUNTER

(2) DATA OUTLET, 18" AFF UNO "c" INDICATES ABOVE COUNTER

WIRELESS ACCESS POINT CEILING MOUNTED

WIRELESS ACCESS POINT WALL MOUNTED

CATV OUTLET - MOUNT AT 54" AFF U.N.O.

CARD READER

- PROVIDE EMPTY BOXES AND EMPTY CONDUITS FOR ALL OUTLETS.
- IN AREAS WITHOUT CEILINGS, CONDUIT PROVIDED TO NEAREST ACCESSIBLE CORRIDOR CEILING - 1" CONDUIT TO SINGLE GANG BOXES, 1 1/4" CONDUIT TO DOUBLE GANG BOXES.
- PROVIDE BLANK INSERTS FOR ALL OUTLET OPENINGS IN PLATES THAT ARE UNUSED.

F5 TECHNOLOGY

- 20A, 125V, 2P, 3W, NEMA 5-20R
- 20A, 125V, 2P, 3W, NEMA L5-20R (TWISTLOCK)
- 30A DRYER RECEPTACLE - 125/250V, 3P, 4W, GROUNDING, NEMA 14-30R, (3)#10+(1)#10 TO 30A, 2P CIRCUIT BREAKER
- 30A, 250V, 2P, 3W, NEMA 6-30R
- 50A RANGE RECEPTACLE - 125/250V, 3P, 4W, GROUNDING, NEMA 14-50R, (3)#6+(1)#10 TO 50A, 2P CIRCUIT BREAKER

NOTE: PROVIDE MATCHING CORD AND PLUG FOR SINGLE RECEPTACLES

- DUPLEX RECEPTACLE, 20A, 125V, 2P, 3W, NEMA 5-20R, MOUNT IN FLUSH FLOOR BOX
- DOUBLE DUPLEX RECEPTACLE, 20A, 125V, 2P, 3W, NEMA 5-20R, MOUNT IN FLUSH FLOOR BOX
- JUNCTION BOX, MOUNT IN FLUSH FLOOR BOX
- FLUSH FLOOR BOX INCLUDING: (4) DUPLEX RECEPTACLES (4) TELEPHONE OUTLETS (4) DATA OUTLETS (4) USB CHARGING OUTLETS WITH (2) USB JACKS EACH
- DUPLEX RECEPTACLE, PEDESTAL MOUNTED
- SINGLE RECEPTACLE, PEDESTAL MOUNTED
- JUNCTION BOX, PEDESTAL MOUNTED
- DUPLEX RECEPTACLE, FLUSH MOUNTED IN CEILING
- DOUBLE DUPLEX RECEPTACLE, FLUSH MOUNTED IN CEILING
- DUPLEX GFCI RECEPTACLE, FLUSH MOUNTED IN CEILING
- DOUBLE DUPLEX GFCI RECEPTACLE, FLUSH MOUNTED IN CEILING
- DATA OUTLET, FLUSH MOUNTED IN CEILING, SEE MATRIX FOR TYPE
- JUNCTION BOX, FLUSH MOUNTED IN CEILING
- OVERHEAD RECEPTACLE DROP, DUPLEX
- OVERHEAD RECEPTACLE DROP, DOUBLE DUPLEX
- OVERHEAD RECEPTACLE DROP, GFCI
- OVERHEAD DATA DROP, SEE MATRIX FOR TYPE
- USB CHARGING OUTLET, NUMBER INDICATES NUMBER OF JACKS
- EXISTING DUPLEX RECEPTACLE TO REMAIN
- EXISTING DOUBLE DUPLEX RECEPTACLE TO REMAIN
- DUPLEX RECEPTACLE - 20A, 125V, 2P, 3W, NEMA 5-20R "c" INDICATES ABOVE COUNTER
- DOUBLE DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE CONNECTED TO XXX
- GFCI DUPLEX RECEPTACLE, MOUNT 44" AFF UNO
- GFCI DOUBLE DUPLEX RECEPTACLE, MOUNT 44" AFF UNO
- GFCI RECEPTACLE WITH WEATHERPROOF COVER
- GFCI RECEPTACLE IN WP ENCLOSURE ON ROOF
- MULTI-OUTLET STRIP, PROVIDE OUTLETS 24" OC UNO, MOUNT 44" AFF UNO

NOTES: MOUNT RECEPTACLES WITH CENTERLINE 18" AFF UNO. MOUNT EXTERIOR RECEPTACLES WITH CENTERLINE 24" AFF UNO.

- FIRE ALARM CONTROL PANEL, MOUNT WITH TOP OF PANEL NOT MORE THAN 72" AFF
- FIRE ALARM ANNUNCIATOR, MOUNT WITH TOP OF PANEL NOT MORE THAN 72" AFF
- SMOKE DETECTOR
- SMOKE DETECTOR, "E" INDICATES CONNECTION FOR ELEVATOR RECALL
- SINGLE STATION SMOKE DETECTOR WITH AUDIBLE INDICATING APPLIANCE, WALL MOUNTED
- SINGLE STATION SMOKE DETECTOR WITH AUDIBLE/VISUAL INDICATING APPLIANCE
- HEAT DETECTOR
- DUCT SMOKE DETECTOR
- REMOTE TEST/INDICATOR FOR DUCT SMOKES, MOUNT ON CEILING BENEATH UNIT, OR WALL MOUNT WHERE INDICATED ON PLANS
- MANUAL PULL STATION, MOUNT 48" AFF
- HORN/STROBE, CANDELA AS NOTED ON PLANS
- CEILING MOUNTED HORN/STROBE, CANDELA AS NOTED ON PLANS
- STROBE ONLY INDICATING APPLIANCE, CANDELA AS NOTED ON PLANS
- STROBE, 15 CANDELA, 120V, CONNECT TO OPERATE UPON ACTIVATION OF ROOM SMOKE DETECTOR
- SPEAKER/STROBE, CANDELA AS NOTED ON PLANS
- CEILING MOUNTED SPEAKER/STROBE, CANDELA AS NOTED ON PLANS
- MINI HORN
- HORN/STROBE WITH PULL STATION DIRECTLY BELOW
- MAGNETIC DOOR HOLD OPEN DEVICE
- TRANSFORMER
- SPRINKLER SYSTEM WATER FLOW SWITCH, PROVIDED UNDER DIVISION 23, WIRED UNDER DIVISION 26
- SPRINKLER SYSTEM TAMPER SWITCH, PROVIDED UNDER DIVISION 23, WIRED UNDER DIVISION 26
- SPRINKLER SYSTEM CHECK VALVE PRESSURE SWITCH, FURNISHED AND INSTALLED UNDER DIVISION 23, WIRED UNDER DIVISION 26
- SPRINKLER SYSTEM EXCESS PRESSURE PUMP, FURNISHED AND INSTALLED UNDER DIVISION 23, WIRED UNDER DIVISION 26
- KNOX BOX, MOUNT 60" AFF
- SMOKE DAMPER

D7 FIRE ALARM SYSTEM

- BRANCH CIRCUIT WIRING NOT SHOWN, CIRCUITING SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARD PRACTICE.
- RECEPTACLE BRANCH CIRCUITS SHALL BE CONNECTED TO UNUSED POLE PLACES IN EXISTING BRANCH-CIRCUIT PANELBOARDS SERVING AREA. PROVIDE A 20A, 1P CIRCUIT BREAKER FOR EACH RECEPTACLE CIRCUIT UNLESS OTHERWISE INDICATED OR NOTED. CONNECT NO MORE THAN SIX DUPLEX CONVENIENCE RECEPTACLES PER BRANCH CIRCUIT.
- CONNECT LIGHTING TO EXISTING LIGHTING BRANCH CIRCUITS SERVING AREA. CONNECTED LOAD ON LIGHTING CIRCUITS SHALL NOT EXCEED 12 AMPS.
- WHERE LOADS ARE ADDED TO EXISTING BRANCH CIRCUITS, VERIFY THAT THE EXISTING CIRCUITS HAVE ADEQUATE CAPACITY TO SUPPORT THE ADDITIONAL LOAD WITHOUT EXCEEDING SPECIFIED MAXIMUM LOAD.
- IN AREAS WHERE LIGHTING AND CONTROLS ARE INDICATED, REMOVE EXISTING LIGHTING AND CONTROLS AS REQUIRED TO CREATE INDICATED CONDITIONS.
- REMOVE EXISTING ELECTRICAL ITEMS IN WALLS AND CEILINGS TO BE REMOVED UNDER OTHER DIVISIONS. WHERE REMOVALS IMPACT WIRING TO EXISTING ITEMS TO REMAIN, PROVIDE WIRING AND CONNECTIONS AS REQUIRED TO RE-FEED EXISTING ITEMS TO REMAIN.
- DISCONNECT, REMOVE, RELOCATE, AND RECONNECT ELECTRICAL CONDUIT, WIRING, DEVICES, BOXES, FIXTURES, EQUIPMENT, ETC. AS INDICATED AND AS REQUIRED TO FACILITATE THE WORK OF DIVISION 26 AND OTHER DIVISIONS. THESE DRAWINGS ARE NOT INTENDED TO INDICATE ITEMS TO BE REMOVED. DISCONNECT AND REMOVE WIRING FOR ITEMS TO BE REMOVED BY THE POINT OF CONNECTION AT THE SOURCE. NOTHING SHALL BE ABANDONED IN PLACE.
- DO NOT SCALE THE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS FOR EXACT DIMENSIONS.
- THE LOCATION OF EQUIPMENT, OUTLETS, ETC. AS GIVEN ON THE DRAWINGS IS APPROXIMATE. IT SHALL BE UNDERSTOOD THAT THESE LOCATIONS ARE SUBJECT TO MODIFICATION AS MAY BE FOUND NECESSARY OR DESIRABLE AT THE TIME OF INSTALLATION IN ORDER TO MEET PROJECT REQUIREMENTS. SUCH CHANGES SHALL BE MADE WITHOUT EXTRA CHARGE.
- ALL ELECTRICAL DEVICES, WHEN INSTALLED, SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. COVER PLATES SHALL BE INSTALLED AFTER FINISH MATERIALS HAVE BEEN APPLIED.
- COORDINATE ALL WORK WITH OTHER DIVISIONS AND THE OWNER.
- VERIFY EXACT POWER REQUIREMENTS OF EQUIPMENT PRIOR TO ROUGH IN.
- COORDINATE LOCATIONS OF WALL MOUNTED LIGHT FIXTURES AND OTHER ELECTRICAL ITEMS WITH ARCHITECTURAL INTERIOR ELEVATIONS. REFER TO ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT FOR LOAD AND PANEL TO CIRCUIT TO.

- PANELBOARD, SURFACE MOUNTED
- PANELBOARD, FLUSH MOUNTED
- FUSED DISCONNECT SWITCH
- NON-FUSED DISCONNECT SWITCH
- MOTOR STARTER
- COMBINATION MOTOR STARTER/FUSED DISCONNECT
- MOTOR OR FAN
- METER AND CABINET
- JUNCTION BOX - CEILING MOUNTED
- JUNCTION BOX - WALL MOUNTED
- JUNCTION BOX FOR CLOCK POWER
- JUNCTION BOX MOUNTED AT 32" FOR HAND DRYER
- TRANSFORMER - NUMBER INDICATES DESIGNATION SEE TRANSFORMER SCHEDULE
- VARIABLE FREQUENCY DRIVE
- TRANSIENT VOLTAGE SURGE SUPPRESSOR
- EMERGENCY SHUTOFF SWITCH - WALL MOUNTED 48" TO CENTERLINE - PROVIDE TAMPER-PROOF COVER
- CONDUIT TURNING UP
- CONDUIT TURNING DOWN
- WIRING UNDERGROUND OR UNDERSLAB
- INDICATES ONE OUTLET CONNECTED TO AN INDIVIDUAL 20A 120V BRANCH CIRCUIT, U.N.O.
- SINGLE-PHASE HOMERUN OR MULTIPLE HOMERUN UTILIZING THE SAME CONDUIT
- 3-PHASE HOMERUN OR MULTIPLE HOMERUN UTILIZING THE SAME CONDUIT
- FLEXIBLE CONNECTION
- GROUNDING SYSTEM
- MOTORIZED DOOR OPERATOR AND PUSH PADDLE - FURNISHED BY DIVISION 08, WIRED BY DIVISION 26
- DOORBELL PUSHBUTTON
- DOORBELL CHIME
- SYSTEMS FURNITURE WHIP
- SINGLE POLE GENERAL DUTY DISCONNECT SWITCH

D9 POWER DISTRIBUTION

CANAL STUDIO Architecture / Planning / Interior Design

207 553 2115 One Canal Plaza, Suite 888 Portland, Maine 04101

VERRILL DANA INTERIOR RENOVATIONS

ONE PORTLAND SQUARE, PORTLAND, MAINE, 04101

AEI PROJECT NO. 16008

TRUE NORTH PROJECT NORTH

160 Veranda Street Portland, Maine 04103

Structural Mechanical Electrical Commissioning

Ally Engineering

CATHERINE A. FAUCHER No. 75751 PROFESSIONAL ENGINEER

1 2016-10-10 ADDENDUM #1

ISSUED FOR CONSTRUCTION

SEPTEMBER 21, 2016

ELECTRICAL LEGENDS, ABBREVIATIONS AND GENERAL NOTES

Scale: 12" = 1'-0"

E-00.1

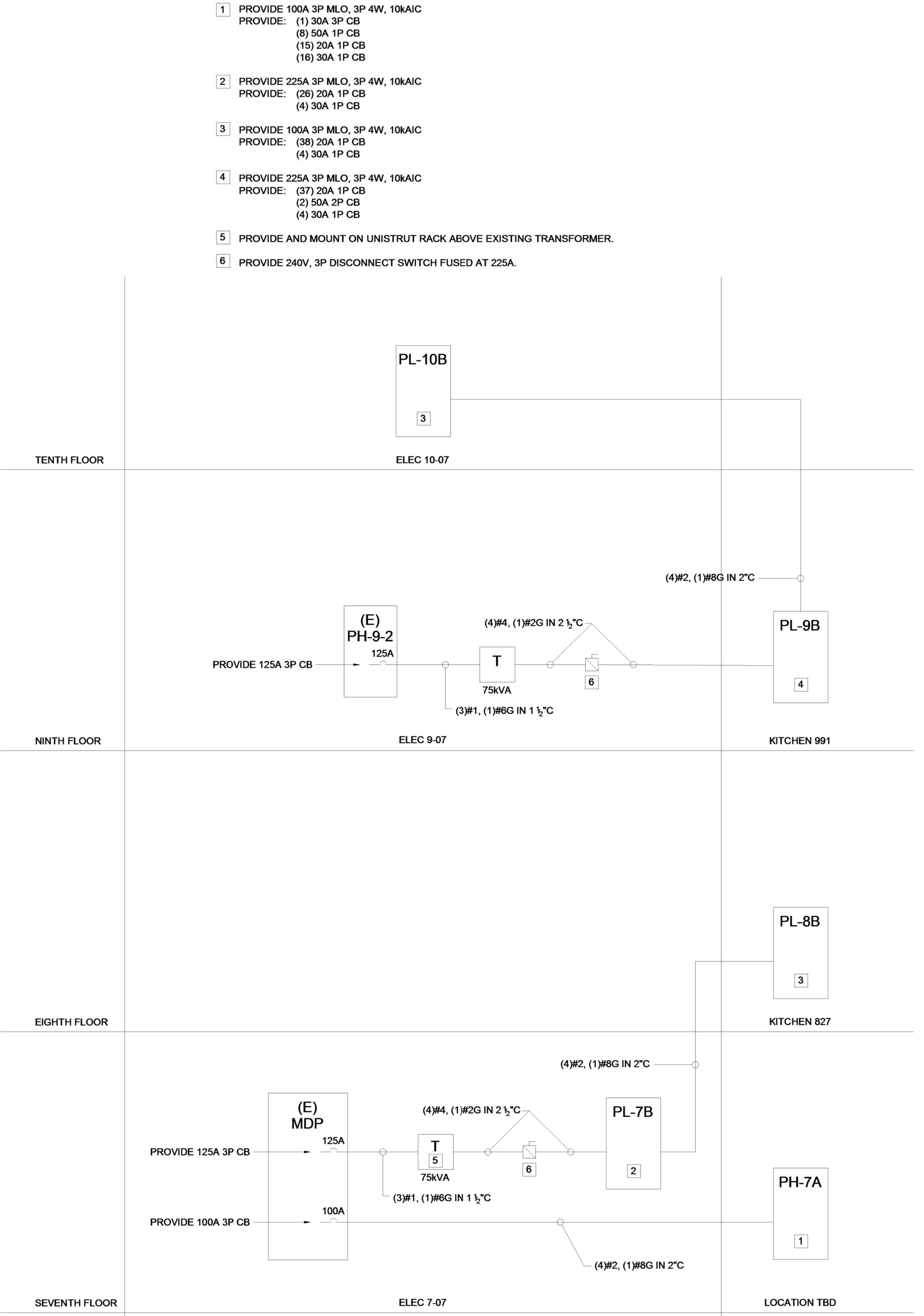
ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT															
TAG	DESCRIPTION	VOLTS	PH	MCA	MOPD	DISCONNECT SWITCH				STARTER (NEMA)		CBD	WIRING IN CONDUIT	NOTES	
						FRAME	POLES	FUSE	NEMA ENCL	FBD	SIZE/ VFD				FBD
CU-1/ AC-1	SPLIT A/C UNIT	208	1	18	30	30	3	30	3R	26	-	-	SEE NOTE	(2) #10 + (1) #10G	3
RCP-1	DHW RECIRC PUMP	120	1	-	-	20	1	NF	1	26	-	-	23	(2) #12 + (1) #12G	
EF-1	EXHAUST FAN	120	1	-	-	FWE					-	-	26	(2) #12 + (1) #12G	1, 4
EF-2	EXHAUST FAN	120	1	-	-	FWE					-	-	26	(2) #12 + (1) #12G	1, 4
EF-3	EXHAUST FAN	120	1	-	-	FWE					-	-	26	(2) #12 + (1) #12G	1, 4
FP-1	VAV AIR TERMINAL FAN	277	1	-	-	20	1	20	1	26	-	-	23	(2) #12 + (1) #12G	1, 2
FP-2	VAV AIR TERMINAL FAN	277	1	-	-	30	1	30	1	26	-	-	23	(2) #10 + (1) #10G	1, 2
FP-3	VAV AIR TERMINAL FAN	277	1	-	-	60	1	50	1	26	-	-	23	(2) #6 + (1) #10G	1, 2
FP-4	VAV AIR TERMINAL FAN	480	3	-	-	30	3	20	1	26	-	-	23	(3) #12 + (1) #12G	1, 2
VAV-A	VAV AIR TERMINAL HEAT	277	1	-	-	20	1	NF	1	26	-	-	23	(2) #12 + (1) #12G	1, 2
VAV-B	VAV AIR TERMINAL HEAT	277	1	-	-	20	1	NF	1	26	-	-	23	(2) #12 + (1) #12G	1, 2
VAV-C	VAV AIR TERMINAL HEAT	277	1	-	-	20	1	NF	1	26	-	-	23	(2) #12 + (1) #12G	1, 2
VAV-D	VAV AIR TERMINAL HEAT	277	1	-	-	20	1	NF	1	26	-	-	23	(2) #12 + (1) #12G	1, 2
VAV-E	VAV AIR TERMINAL HEAT	277	1	-	-	20	1	NF	1	26	-	-	23	(2) #12 + (1) #12G	1, 2
VAV-G	VAV AIR TERMINAL HEAT	277	1	-	-	20	1	NF	1	26	-	-	23	(2) #12 + (1) #12G	1, 2

D1 ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT

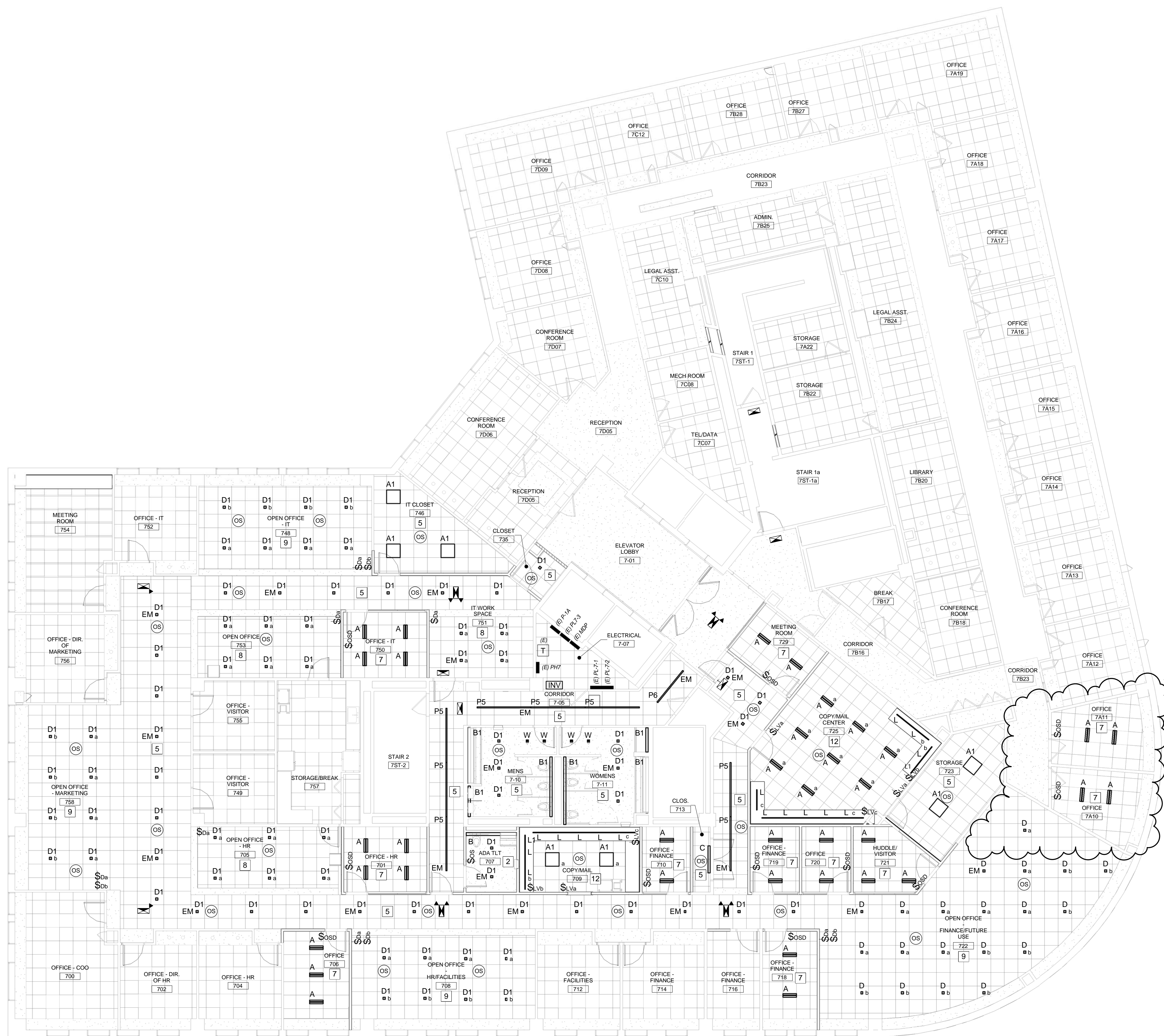
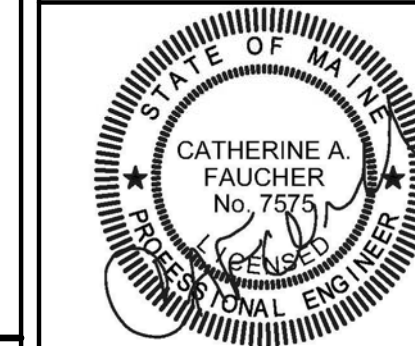
LUMINAIRE SCHEDULE									
TYPE	DESCRIPTION	MFR	CATALOG SERIES NUMBER SEE NOTE 1	MOUNTING	VOLTS	LAMP			KEY NOTES
						QTY PER FIXTURE	WATTS	TYPE	
A	RECESSED T-BAR FIXTURE	ARON	DUOT1-2FA-3000-B3-3500K-90-UNV-DM	GRID	MVOLT	1	30	LED ARRAY 3500K	
A1	RECESSED GRID TROFFER	COLUMBIA	LCAT22-35MLG-EU	GRID	MVOLT	1	30	LED ARRAY 3500K	
B	4" APERTURE LINEAR FIXTURE	FINELITE	HP-4R-V-9-35-F-120V-SC-*	RECESSED	SEE NOTE 7	1	9.3W/ft	LED ARRAY 3500K	6, 7
B1	4" APERTURE LINEAR FIXTURE	FINELITE	HP-4R-V-9-35-F-120V-SC-*	RECESSED	SEE NOTE 7	1	9.3W/ft	LED ARRAY 3500K	6, 7
C	CEILING MOUNTED UTILITY LIGHT	COLUMBIA	LCL4-35ML-EU	SURFACE	MVOLT	1	48	LED ARRAY 3500K	
D	RECESSED DOWNLIGHT	FOCAL POINT	HOUSING: FLC44D-SO-3000L-*L11-T TRIM: LC44-SQ-3000L-935-DN-CD-WH	RECESSED	SEE NOTE 7	1	45	LED ARRAY 3500K	7
D1	RECESSED DOWNLIGHT	FOCAL POINT	HOUSING: FLC44D-SO-1500L-*L11-T TRIM: LC44-SQ-1500L-935-DN-CD-WH	RECESSED	SEE NOTE 7	1	21	LED ARRAY 3500K	7
F	SURFACE MOUNTED COVE LIGHT	FOCAL POINT	FCOL-HN-1000LF-35K-1C-LD1-CV	SURFACE	MVOLT	1	9W/ft	LED ARRAY 3500K	6
G	RECESSED WALL GRAZING FIXTURE	FOCAL POINT	FTRACL135K1C12OLD1-*WH-*	RECESSED	MVOLT	1	5.8W/ft	LED ARRAY 3500K	6
H	RECESSED LINEAR FIXTURE	FINELITE	HP-2R-*SO-3500K-*SC	RECESSED	SEE NOTE 7	1	4.6W/ft	LED ARRAY 3500K	7
L	SURFACE MOUNTED UNDER CABINET LIGHT, 32" LENGTH	PRIMA	55132-WH-30K	UNDERCABINET	120	1	10.8	LED ARRAY 3000K	
L1	SURFACE MOUNTED UNDER CABINET LIGHT, 24" LENGTH	PRIMA	55124-WH-30K	UNDERCABINET	120	1	8	LED ARRAY 3000K	
P	4'x4' INDIRECT PENDANT	FINELITE	E1-1-4x4-H-9-35-*SC	PENDANT SEE PLAN	SEE NOTE 7	1	60	LED ARRAY 3500K	7
P1	3" DIAMETER DIRECT PENDANT	FOCAL POINT	FSDL-33-CX-4000L-35K-1C-UNV-L11-S18-TC	PENDANT SEE PLAN	MVOLT	1	48	LED ARRAY 3500K	8
P2	2" DIAMETER DIRECT PENDANT	FOCAL POINT	FSDL-22-CX-4000L-35K-1C-UNV-L11-S18-TC	PENDANT SEE PLAN	MVOLT	1	56	LED ARRAY 3500K	8
P3	2" DIAMETER DIRECT PENDANT, 12" STEMS	FOCAL POINT	FSDL-22-CX-4000L-35K-1C-UNV-L11-S12-TC	PENDANT SEE PLAN	MVOLT	1	56	LED ARRAY 3500K	8
P4	LINEAR DIRECT/INDIRECT PENDANT, 14" LENGTH	FINELITE	HP-2-ID-14"-H-9-35-TG-BG-*FA-DC	PENDANT SEE PLAN	SEE NOTE 7	1	14.2W/ft	LED ARRAY 3500K	7
P5	LINEAR DIRECT PENDANT, 8" LENGTH	FINELITE	HP-2-D-8-H-9-35-BG-*FM-SC	PENDANT SEE PLAN	SEE NOTE 7	1	7.1W/ft	LED ARRAY 3500K	7
P6	LINEAR DIRECT PENDANT, 6" LENGTH	FINELITE	HP-2-D-6-H-9-35-BG-*FM-SC	PENDANT SEE PLAN	SEE NOTE 7	1	7.1W/ft	LED ARRAY 3500K	7
P7	LINEAR DIRECT PENDANT, 4" LENGTH	FINELITE	HP-2-D-4-H-9-35-BG-*FM-SC	PENDANT SEE PLAN	SEE NOTE 7	1	7.1W/ft	LED ARRAY 3500K	7
W	4" SQUARE WALL WASHER	FOCAL POINT	HOUSING: FLC44W-SO-1500L-*L11-T TRIM: LC44-SQ-1500L-935-WW-CD-WH	RECESSED	SEE NOTE 7	1	24	LED ARRAY 3500K	7
EXIT	RECESSED EDGE LIT LED EXIT SIGN	DUAL-LITE	LE-*-*G-*-*E	SEE PLAN	120/277 (NOTE 7) / 12VDC	1	5	LED ARRAY	3, 7

NOTES
 1 NOTE THAT THESE NUMBERS ARE NOT COMPLETE CATALOG NUMBERS. PROVIDE ALL REQUIREMENTS ON SCHEDULE, NOTES, SPECS, AND DRAWINGS COMBINED.
 2 CATALOG SERIES NUMBERS ARE USED TO ESTABLISH A LEVEL OF QUALITY AND NOT INTENDED TO LIMIT COMPETITION. SERIES NUMBERS ARE NOT COMPLETE CATALOG NUMBERS. COMPLY WITH ADDITIONAL REQUIREMENTS IN SPECIFICATIONS AND DRAWINGS.
 3 PROVIDE WALL, CEILING, OR PENDANT MOUNTING AS INDICATED ON PLANS. PROVIDE NUMBER OF FACES AND ARROWS AS INDICATED.
 4 PROVIDE PROGRAMMED START BALLAST WITH ROOMS THAT HAVE OCCUPANCY SENSORS.
 5 VERIFY CEILING STRUCTURE AND MOUNTING HEIGHT PRIOR TO ORDERING ANY LIGHT FIXTURES.
 6 FIXTURES SHALL SATISFY LENGTHS AND ARRANGEMENT VOLTAGES SHOWN ON PLANS.
 7 LUMINAIRE VOLTAGE SHALL MATCH EXISTING BRANCH CIRCUIT VOLTAGE SERVING THE AREA IN WHICH THE FIXTURE WILL BE INSTALLED. VERIFY VOLTAGE IN FIELD PRIOR TO ORDERING.
 8 FINISH TO BE SELECTED FROM MANUFACTURER'S STANDARD FINISHES.

A1 LUMINAIRE SCHEDULE



A7 POWER RISER DIAGRAM

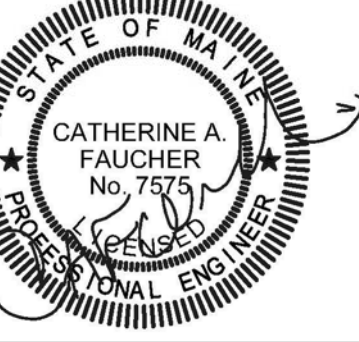


- 1 LIGHTING CONTROL SHALL BE MANUAL ON/MANUAL OFF VIA WALL SWITCHES.
- 2 LIGHTING CONTROL SHALL BE MANUAL ON/AUTO OFF WALL SENSOR SWITCH - DETAIL A1/EL-50.1
- 3 - NOT USED -
- 4 LIGHTING CONTROL SHALL BE AUTO ON/AUTO OFF WALL SENSOR SWITCH WIRED FOR 3-WAY OPERATION - SEE DETAIL D1/EL-50.1
- 5 LIGHTING CONTROL SHALL BE AUTO ON/AUTO OFF VIA CEILING OCCUPANCY SENSOR(S) - SEE DETAIL F1/EL-50.1
- 6 LIGHTING CONTROL SHALL BE MANUAL ON/AUTO OFF VIA CEILING SENSOR(S) - DETAIL A3/EL-50.1
- 7 LIGHTING CONTROL SHALL BE WALL MOUNTED OCCUPANCY SENSOR DIMMER SWITCH, MANUAL ON, AUTOMATIC OFF (NO DETAIL)
- 8 LIGHTING CONTROL SHALL BE 0-10V DIMMING WITH AUTO OFF VIA CEILING SENSOR(S) - DETAIL C3/EL-50.1
- 9 LIGHTING CONTROL SHALL BE AUTOMATIC-ON/AUTOMATIC-OFF VIA CEILING MOUNTED OCCUPANCY SENSORS WITH OVERRIDE AND MANUAL DIMMING CONNECTED TO THE LOAD SIDE OF THE SENSOR RELAY - DETAIL D3/EL-50.1
- 10 LIGHTING CONTROL SHALL BE DUAL CIRCUIT SWITCHING WITH 2-BUTTON OCCUPANCY SENSOR - DETAIL F3/EL-50.1
- 11 LIGHTING CONTROL SHALL BE MANUAL ON/AUTO OFF WITH AUTOMATIC DAYLIGHT CONTROL - DETAIL A6/EL-50.1
- 12 LIGHTING CONTROL SHALL BE SWITCHING OF MULTIPLE GROUPS WITH AUTO OFF VIA CEILING SENSOR(S) - SEE DETAIL C6/EL-50.1

A1 FLOOR 7 LIGHTING PLAN

A9 LIGHTING CONTROL NOTES

1/8" = 1'-0"

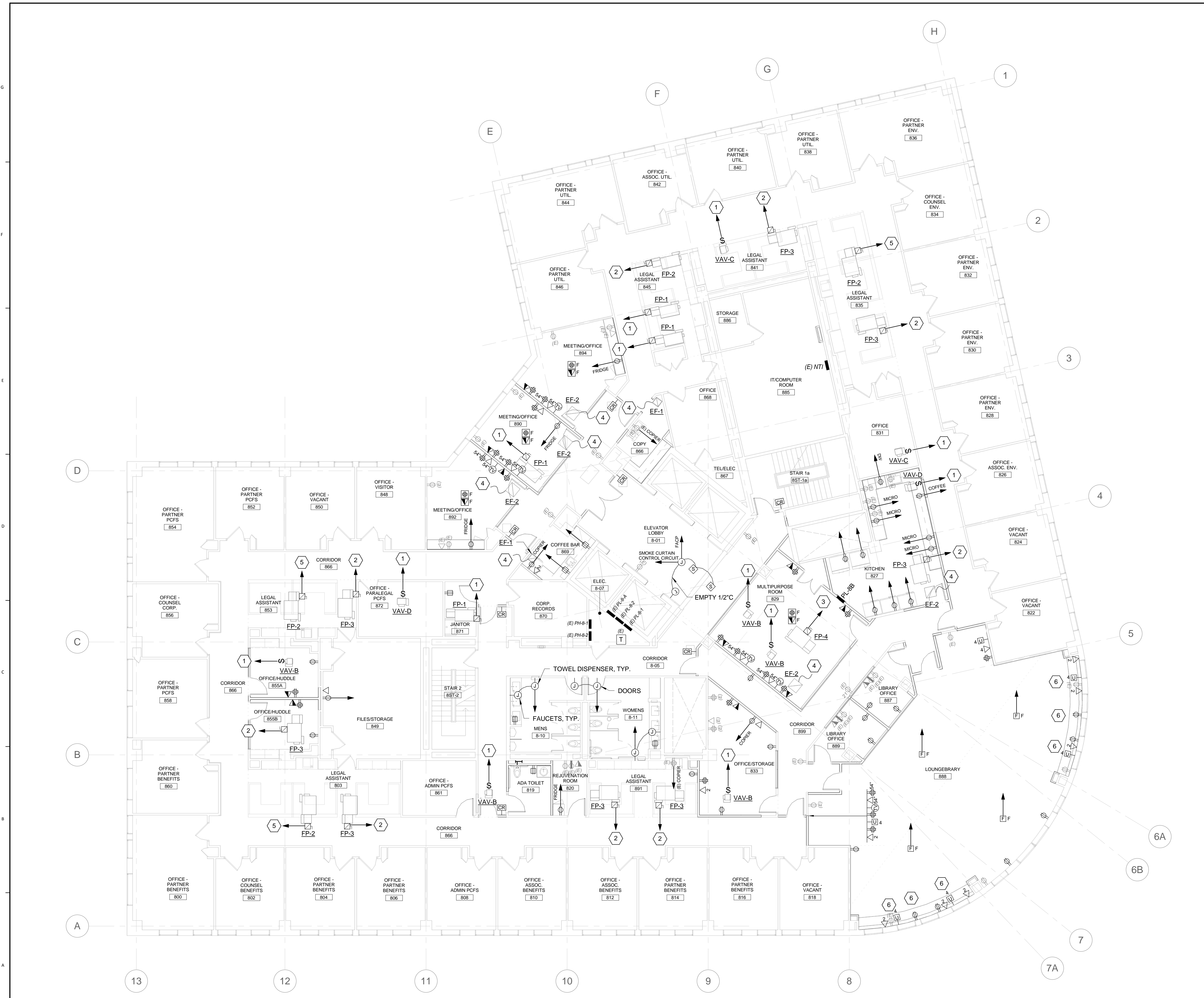


1. WIRE AND CONNECT ALL NEW 120/208V DEVICES AND EQUIPMENT ON THIS FLOOR TO PANEL PL-7B.
2. WIRE AND CONNECT ALL 277/480V EQUIPMENT ON THIS FLOOR TO PANEL PH-7, U.N.O.

B9 DRAWING NOTES

- 1 WIRE AND CONNECT TO 20A 1P CB 277V CIRCUIT WITH (2)#12, (1)#12G. PROVIDE 20A 1P CBs AS NEEDED.
- 2 WIRE AND CONNECT TO EXISTING 277V PANEL USING (2)#8, (1)#10G. PROVIDE 50A 1P CIRCUIT BREAKER IN EXISTING PANEL.
- 3 WIRE AND CONNECT TO EXISTING 480V PANEL USING (3)#10, (1)#10G. PROVIDE 30A 3P CIRCUIT BREAKER IN EXISTING PANEL.
- 4 WIRE AND CONNECT TO LOCAL 120V RECEPTACLE CIRCUIT.
- 5 WIRE AND CONNECT TO 30A 1P CB 277V CIRCUIT WITH (2)#10, (1)#10G. PROVIDE 30A 1P CBs AS NEEDED.

A9 KEYNOTES



1. WIRE AND CONNECT ALL NEW 120/208V DEVICES AND EQUIPMENT ON THIS FLOOR TO PANEL PH-8B.
2. WIRE AND CONNECT ALL 277/480V EQUIPMENT ON THIS FLOOR TO PANEL PH-8-1 OR PH-8-2.

B9 DRAWING NOTES

- 1 WIRE AND CONNECT TO 20A 1P CB 277V CIRCUIT WITH (2)#12, (1)#12G. PROVIDE 20A 1P CBs AS NEEDED.
- 2 WIRE AND CONNECT TO EXISTING 277V PANEL USING (2)#8, (1)#10G. PROVIDE 50A 1P CIRCUIT BREAKER IN EXISTING PANEL.
- 3 WIRE AND CONNECT TO EXISTING 480V PANEL USING (3)#10, (1)#10G. PROVIDE 30A 3P CIRCUIT BREAKER IN EXISTING PANEL.
- 4 WIRE AND CONNECT TO LOCAL 120V RECEPTACLE CIRCUIT.
- 5 WIRE AND CONNECT TO 30A 1P CB 277V CIRCUIT WITH (2)#10, (1)#10G. PROVIDE 30A 1P CBs AS NEEDED.
- 6 MOUNT DEVICES AT BENCH 3'-0" AFF.

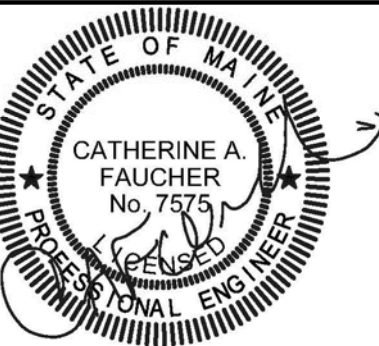
A9 KEYNOTES

A1 FLOOR 8 POWER AND SYSTEMS PLAN

1/8" = 1'-0"



160 Veranda Street
Portland, Maine 04103
T: 207.221.2260
F: 207.221.2266
Web: www.allied-eng.com



1. WIRE AND CONNECT ALL NEW 120/208V DEVICES AND EQUIPMENT ON THIS FLOOR TO PANEL PL-9B.
2. WIRE AND CONNECT ALL 277/480V EQUIPMENT ON THIS FLOOR TO PANEL PH-9-1 OR PH-9-2.

1	2016-10-10	ADDENDUM #1
Mark	Date	Description

B9 DRAWING NOTES

- 1 WIRE AND CONNECT TO 20A 1P CB 277V CIRCUIT WITH (2)#12, (1)#12G. PROVIDE 20A 1P CBs AS NEEDED.
- 2 WIRE AND CONNECT TO EXISTING 277V PANEL USING (2)#8, (1)#10G. PROVIDE 50A 1P CIRCUIT BREAKER IN EXISTING PANEL.
- 3 WIRE AND CONNECT TO EXISTING 480V PANEL USING (3)#10, (1)#10G. PROVIDE 30A 3P CIRCUIT BREAKER IN EXISTING PANEL.
- 4 WIRE AND CONNECT TO LOCAL 120V RECEPTACLE CIRCUIT.
- 5 WIRE AND CONNECT TO 30A 1P CB 277V CIRCUIT WITH (2)#10, (1)#10G. PROVIDE 30A 1P CBs AS NEEDED.

Project Status

ISSUED FOR CONSTRUCTION
SEPTEMBER 21, 2016

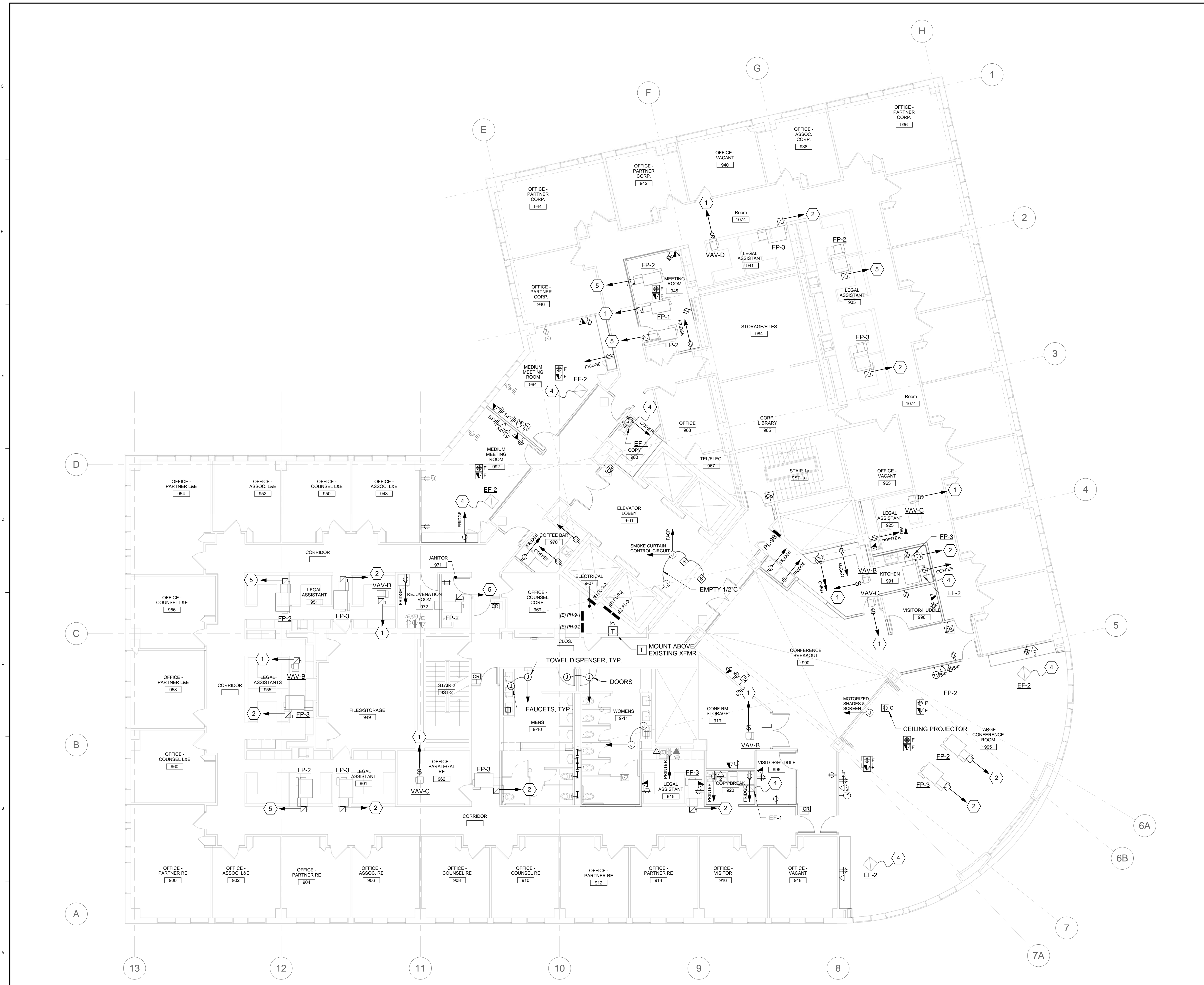
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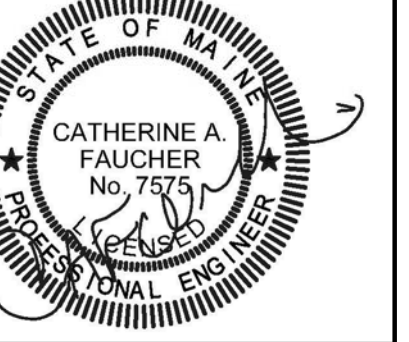
FLOOR 9 POWER AND SYSTEMS PLAN

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

Drawing Number

EP-10.3





Mark	Date	Description
1	2016-10-10	ADDENDUM #1

Project Status

ISSUED FOR
CONSTRUCTION

SEPTEMBER 21, 2016

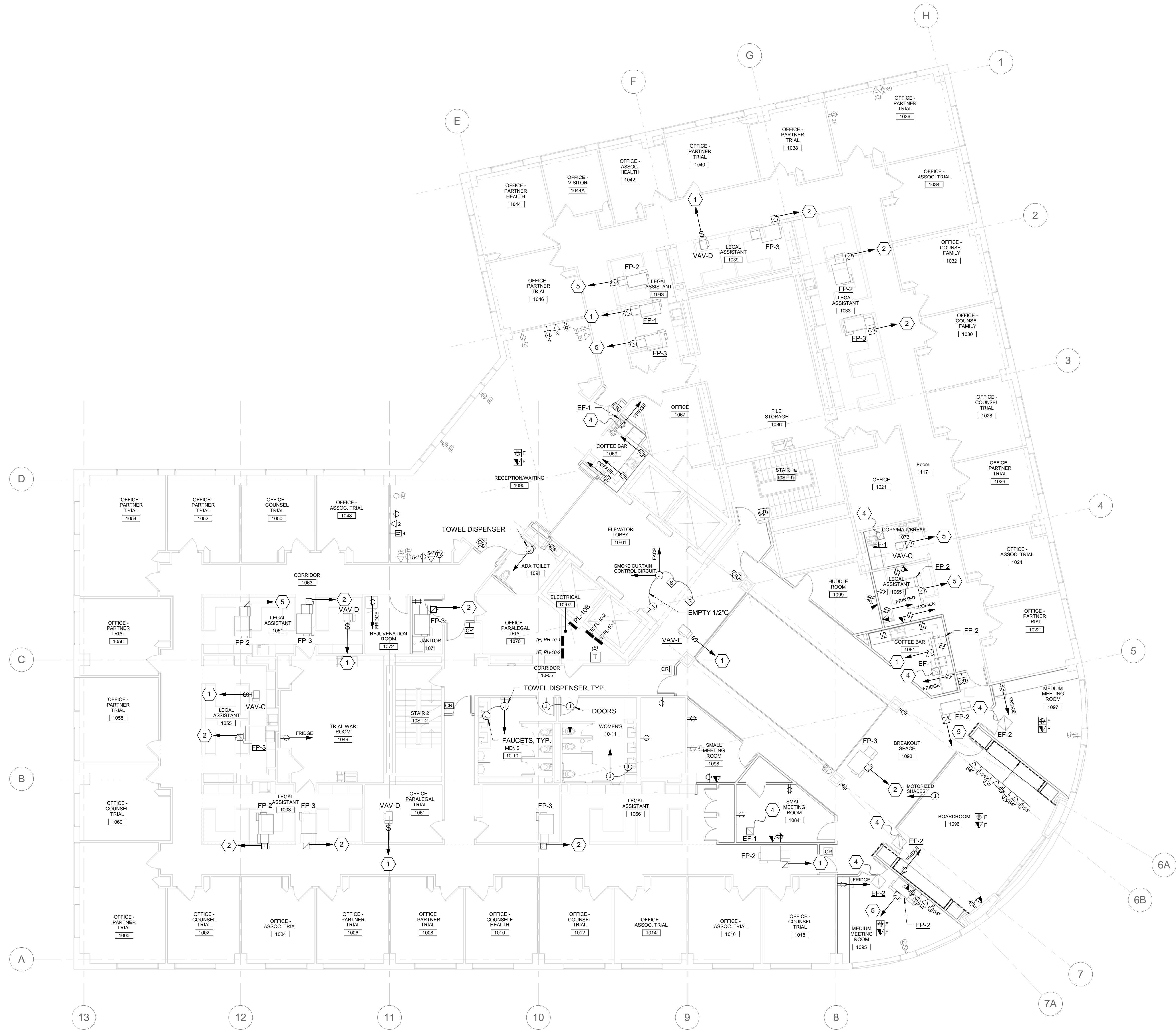
Drawing Title

FLOOR 10 POWER
AND SYSTEMS
PLAN

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

Drawing Number

EP-10.4

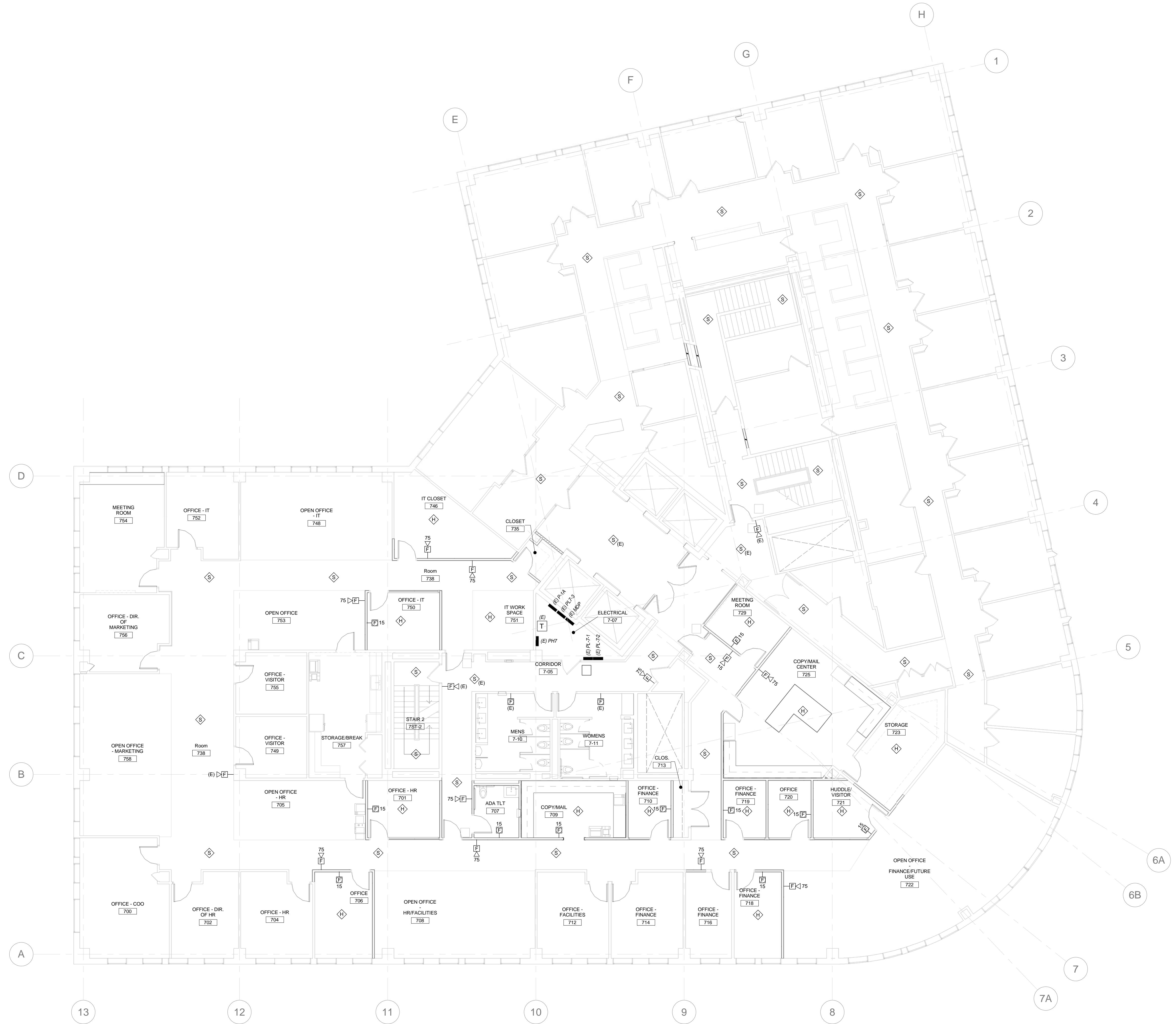


1. WIRE AND CONNECT ALL NEW 120/208V DEVICES AND EQUIPMENT ON THIS FLOOR TO PANEL PL-10B.
2. WIRE AND CONNECT ALL 277/480V EQUIPMENT ON THIS FLOOR TO PANEL PH-10-1 OR PH-10-2.

B9 DRAWING NOTES

- 1 WIRE AND CONNECT TO 20A 1P CB 277V CIRCUIT WITH (2)#12, (1)#12G. PROVIDE 20A 1P CBs AS NEEDED.
- 2 WIRE AND CONNECT TO EXISTING 277V PANEL USING (2) #8, (1)#10G. PROVIDE 50A 1P CIRCUIT BREAKER IN EXISTING PANEL.
- 3 WIRE AND CONNECT TO EXISTING 480V PANEL USING (3) #10, (1)#10G. PROVIDE 30A 3P CIRCUIT BREAKER IN EXISTING PANEL.
- 4 WIRE AND CONNECT TO LOCAL 120V RECEPTACLE CIRCUIT.
- 5 WIRE AND CONNECT TO 30A 1P CB 277V CIRCUIT WITH (2)#10, (1)#10G. PROVIDE 30A 1P CBs AS NEEDED.

A9 KEYNOTES



Mark	Date	Description
1	2016-10-10	ADDENDUM #1

Project Status
**ISSUED FOR
 CONSTRUCTION**
 SEPTEMBER 21, 2016

Drawing Title
**FLOOR 7 FIRE
 ALARM PLAN**

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

Drawing Number
FA-10.1



Mark	Date	Description
1	2016-10-10	ADDENDUM #1

Project Status
ISSUED FOR CONSTRUCTION
 SEPTEMBER 21, 2016

Drawing Title
FLOOR 9 FIRE ALARM PLAN

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

Drawing Number
FA-10.3



Mark	Date	Description
1	2016-10-10	ADDENDUM #1

Project Status
ISSUED FOR CONSTRUCTION
 SEPTEMBER 21, 2016

Drawing Title
FLOOR 10 FIRE ALARM PLAN

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

Drawing Number
FA-10.4

A1 FLOOR 10 FIRE ALARM PLAN
 1/8" = 1'-0"

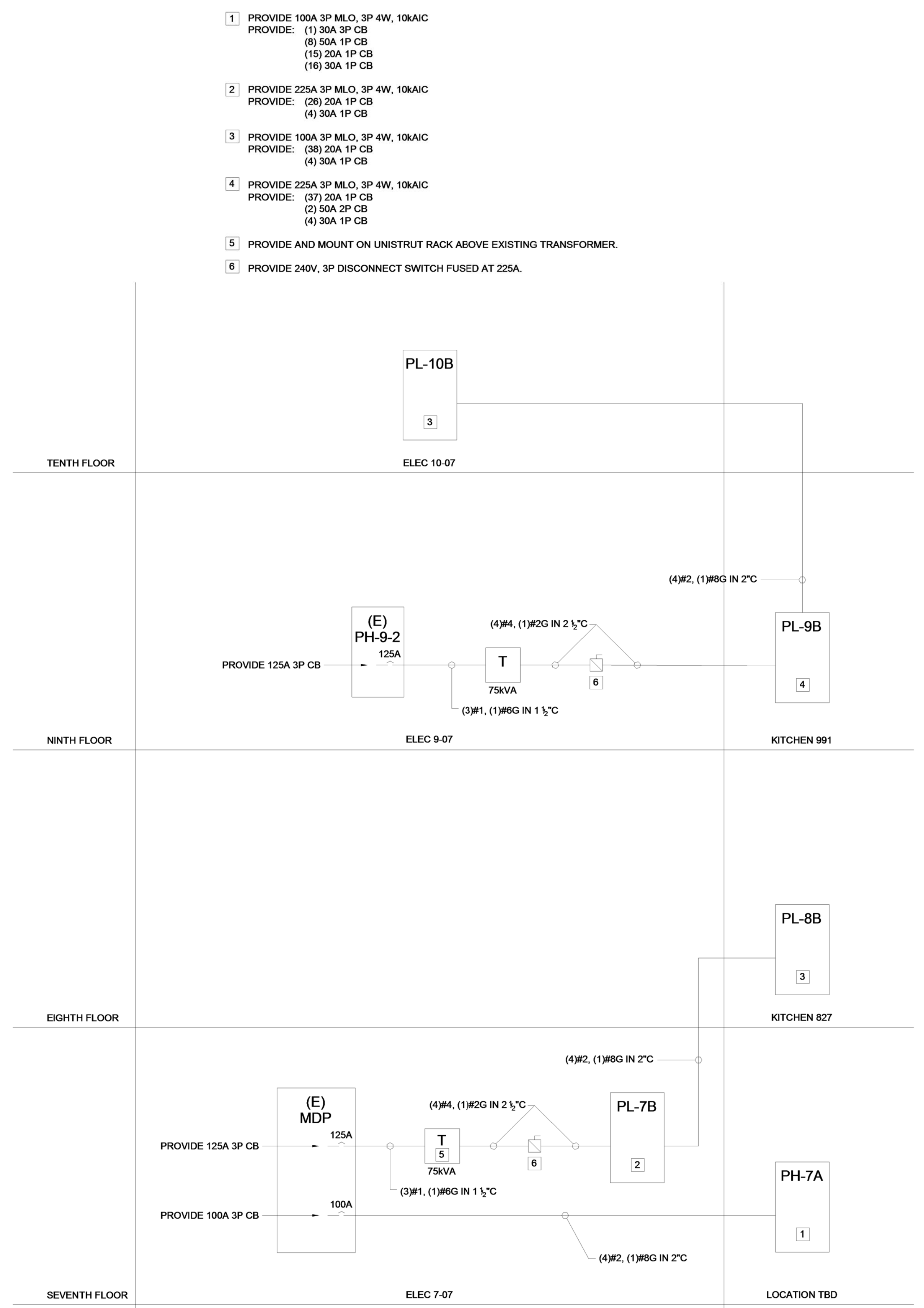
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TAG	DESCRIPTION	VOLTS	PH	MCA	MOPD	DISCONNECT SWITCH				STARTER (NEMA)		CBD	WIRING IN CONDUIT	NOTES	
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CU-1/ AC-1	SPLIT A/C UNIT	208	1	18	30	30	3	30	3R	26	-	-	SEE NOTE	(2) #10 + (1) #10G	3
RCP-1	DHW RECIRC PUMP	120	1	-	-	20	1	NF	1	26	-	-	23	(2) #12 + (1) #12G	
EF-1	EXHAUST FAN	120	1	-	-	FWE					-	-	26	(2) #12 + (1) #12G	1, 4
EF-2	EXHAUST FAN	120	1	-	-	FWE					-	-	26	(2) #12 + (1) #12G	1, 4
EF-3	EXHAUST FAN	120	1	-	-	FWE					-	-	26	(2) #12 + (1) #12G	1, 4
FP-1	VAV AIR TERMINAL FAN	277	1	-	-	20	1	20	1	26	-	-	23	(2) #12 + (1) #12G	1, 2
FP-2	VAV AIR TERMINAL FAN	277	1	-	-	30	1	30	1	26	-	-	23	(2) #10 + (1) #10G	1, 2
FP-3	VAV AIR TERMINAL FAN	277	1	-	-	60	1	50	1	26	-	-	23	(2) #6 + (1) #10G	1, 2
FP-4	VAV AIR TERMINAL FAN	480	3	-	-	30	3	20	1	26	-	-	23	(3) #12 + (1) #12G	1, 2
VAV-A	VAV AIR TERMINAL HEAT	277	1	-	-	20	1	NF	1	26	-	-	23	(2) #12 + (1) #12G	1, 2
VAV-B	VAV AIR TERMINAL HEAT	277	1	-	-	20	1	NF	1	26	-	-	23	(2) #12 + (1) #12G	1, 2
VAV-C	VAV AIR TERMINAL HEAT	277	1	-	-	20	1	NF	1	26	-	-	23	(2) #12 + (1) #12G	1, 2
VAV-D	VAV AIR TERMINAL HEAT	277	1	-	-	20	1	NF	1	26	-	-	23	(2) #12 + (1) #12G	1, 2
VAV-E	VAV AIR TERMINAL HEAT	277	1	-	-	20	1	NF	1	26	-	-	23	(2) #12 + (1) #12G	1, 2
VAV-G	VAV AIR TERMINAL HEAT	277	1	-	-	20	1	NF	1	26	-	-	23	(2) #12 + (1) #12G	1, 2

D1 ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT

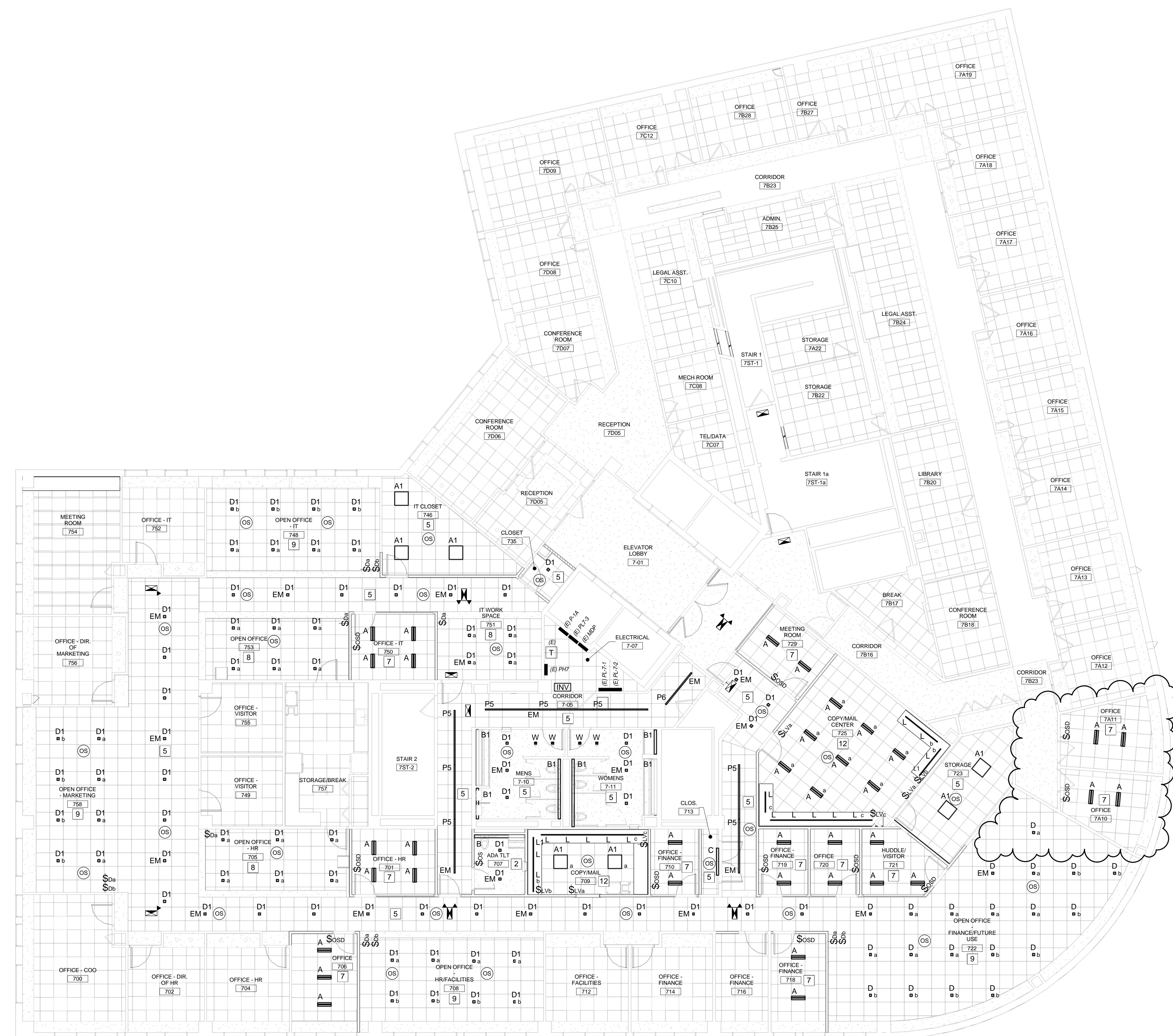
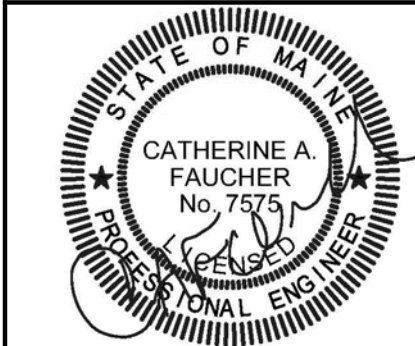
LUMINAIRE SCHEDULE									
TYPE	DESCRIPTION	MFR	CATALOG SERIES NUMBER SEE NOTE 1	MOUNTING	VOLTS	LAMP			KEY NOTES
						QTY PER FIXTURE	WATTS	TYPE	
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A1	RECESSED GRID TROFFER	COLUMBIA	LCAT22-35MLG-EU	GRID	MVOLT	1	30	LED ARRAY 3500K	
B	4" APERTURE LINEAR FIXTURE	FINELITE	HP-4R-V-9-35-F-120V-SC-*	RECESSED	SEE NOTE 7	1	9.3W/ft.	LED ARRAY 3500K	6, 7
B1	4" APERTURE LINEAR FIXTURE	FINELITE	HP-4R-V-9-35-F-120V-SC-*	RECESSED	SEE NOTE 7	1	9.3W/ft.	LED ARRAY 3500K	6, 7
C	CEILING MOUNTED UTILITY LIGHT	COLUMBIA	LCL4-35ML-EU	SURFACE	MVOLT	1	48	LED ARRAY 3500K	
D	RECESSED DOWNLIGHT	FOCAL POINT	HOUSING: FLC44D-SO-3000L-*L11-T TRIM: LC44-SQ-3000L-935-DN-CD-WH	RECESSED	SEE NOTE 7	1	45	LED ARRAY 3500K	7
D1	RECESSED DOWNLIGHT	FOCAL POINT	HOUSING: FLC44D-SO-1500L-*L11-T TRIM: LC44-SQ-1500L-935-DN-CD-WH	RECESSED	SEE NOTE 7	1	21	LED ARRAY 3500K	7
F	SURFACE MOUNTED COVE LIGHT	FOCAL POINT	FCOL-HN-1000LF-35K-1C-LD1-CV	SURFACE	MVOLT	1	9W/ft.	LED ARRAY 3500K	6
G	RECESSED WALL GRAZING FIXTURE	FOCAL POINT	FTRACL135K1C12OLD1-**-WH-**	RECESSED	MVOLT	1	5.8W/ft.	LED ARRAY 3500K	6
H	RECESSED LINEAR FIXTURE	FINELITE	HP-2R-V-SO-3500K-**-SC	RECESSED	SEE NOTE 7	1	4.6W/ft.	LED ARRAY 3500K	7
L	SURFACE MOUNTED UNDER CABINET LIGHT, 32" LENGTH	PRIMA	55132-WH-30K	UNDERCABINET	120	1	10.8	LED ARRAY 3000K	
L1	SURFACE MOUNTED UNDER CABINET LIGHT, 24" LENGTH	PRIMA	55124-WH-30K	UNDERCABINET	120	1	8	LED ARRAY 3000K	
P	4"x4" INDIRECT PENDANT	FINELITE	E1-1-4x4-H-9-35-**-SC	PENDANT SEE PLAN	SEE NOTE 7	1	60	LED ARRAY 3500K	7
P1	3" DIAMETER DIRECT PENDANT	FOCAL POINT	FSDL-33-CX-4000L-35K-1C-UNV-L11-S18-TC	PENDANT SEE PLAN	MVOLT	1	48	LED ARRAY 3500K	8
P2	2" DIAMETER DIRECT PENDANT	FOCAL POINT	FSDL-22-CX-4000L-35K-1C-UNV-L11-S18-TC	PENDANT SEE PLAN	MVOLT	1	56	LED ARRAY 3500K	8
P3	2" DIAMETER DIRECT PENDANT, 12" STEMS	FOCAL POINT	FSDL-22-CX-4000L-35K-1C-UNV-L11-S12-TC	PENDANT SEE PLAN	MVOLT	1	56	LED ARRAY 3500K	8
P4	LINEAR DIRECT/INDIRECT PENDANT, 14" LENGTH	FINELITE	HP-2-ID-14"-H-9-35-TG-BG-**-FA-DC	PENDANT SEE PLAN	SEE NOTE 7	1	14.2W/ft.	LED ARRAY 3500K	7
P5	LINEAR DIRECT PENDANT, 8" LENGTH	FINELITE	HP-2-D-8-H-9-35-BG-**-FM-SC	PENDANT SEE PLAN	SEE NOTE 7	1	7.1W/ft.	LED ARRAY 3500K	7
P6	LINEAR DIRECT PENDANT, 6" LENGTH	FINELITE	HP-2-D-6-H-9-35-BG-**-FM-SC	PENDANT SEE PLAN	SEE NOTE 7	1	7.1W/ft.	LED ARRAY 3500K	7
P7	LINEAR DIRECT PENDANT, 4" LENGTH	FINELITE	HP-2-D-4-H-9-35-BG-**-FM-SC	PENDANT SEE PLAN	SEE NOTE 7	1	7.1W/ft.	LED ARRAY 3500K	7
W	4" SQUARE WALL WASHER	FOCAL POINT	HOUSING: FLC44W-SO-1500L-*L11-T TRIM: LC44-SQ-1500L-935-WW-CD-WH	RECESSED	SEE NOTE 7	1	24	LED ARRAY 3500K	7
EXIT	RECESSED EDGE LIT LED EXIT SIGN	DUAL-LITE	LE-**-G-**-E	SEE PLAN	120/277 (NOTE 7) / 12VDC	1	5	LED ARRAY	3, 7

NOTES
 1 NOTE THAT THESE NUMBERS ARE NOT COMPLETE CATALOG NUMBERS. PROVIDE ALL REQUIREMENTS ON SCHEDULE, NOTES, SPECS, AND DRAWINGS COMBINED.
 2 CATALOG SERIES NUMBERS ARE USED TO ESTABLISH A LEVEL OF QUALITY AND NOT INTENDED TO LIMIT COMPETITION. SERIES NUMBERS ARE NOT COMPLETE CATALOG NUMBERS. COMPLY WITH ADDITIONAL REQUIREMENTS IN SPECIFICATIONS AND DRAWINGS.
 3 PROVIDE WALL, CEILING, OR PENDANT MOUNTING AS INDICATED ON PLANS. PROVIDE NUMBER OF FACES AND ARROWS AS INDICATED.
 4 PROVIDE PROGRAMMED START BALLAST WITH ROOMS THAT HAVE OCCUPANCY SENSORS.
 5 VERIFY CEILING STRUCTURE AND MOUNTING HEIGHT PRIOR TO ORDERING ANY LIGHT FIXTURES.
 6 FIXTURES SHALL SATISFY LENGTHS AND ARRANGEMENT VOLTAGES SHOWN ON PLANS.
 7 LUMINAIRE VOLTAGE SHALL MATCH EXISTING BRANCH CIRCUIT VOLTAGE SERVING THE AREA IN WHICH THE FIXTURE WILL BE INSTALLED. VERIFY VOLTAGE IN FIELD PRIOR TO ORDERING.
 8 FINISH TO BE SELECTED FROM MANUFACTURER'S STANDARD FINISHES.

A1 LUMINAIRE SCHEDULE



A7 POWER RISER DIAGRAM



- 1 LIGHTING CONTROL SHALL BE MANUAL ON/MANUAL OFF VIA WALL SWITCHES.
- 2 LIGHTING CONTROL SHALL BE MANUAL ON/AUTO OFF WALL SENSOR SWITCH - DETAIL A1/EL-50.1
- 3 - NOT USED -
- 4 LIGHTING CONTROL SHALL BE AUTO ON/AUTO OFF WALL SENSOR SWITCH WIRED FOR 3-WAY OPERATION - SEE DETAIL D1/EL-50.1
- 5 LIGHTING CONTROL SHALL BE AUTO ON/AUTO OFF VIA CEILING OCCUPANCY SENSOR(S) - SEE DETAIL F1/EL-50.1
- 6 LIGHTING CONTROL SHALL BE MANUAL ON/AUTO OFF VIA CEILING SENSOR(S) - DETAIL A3/EL-50.1
- 7 LIGHTING CONTROL SHALL BE WALL MOUNTED OCCUPANCY SENSOR DIMMER SWITCH, MANUAL ON, AUTOMATIC OFF (NO DETAIL)
- 8 LIGHTING CONTROL SHALL BE 0-10V DIMMING WITH AUTO OFF VIA CEILING SENSOR(S) - DETAIL C3/EL-50.1
- 9 LIGHTING CONTROL SHALL BE AUTOMATIC-ON/AUTOMATIC-OFF VIA CEILING MOUNTED OCCUPANCY SENSORS WITH OVERRIDE AND MANUAL DIMMING CONNECTED TO THE LOAD SIDE OF THE SENSOR RELAY - DETAIL D3/EL-50.1
- 10 LIGHTING CONTROL SHALL BE DUAL CIRCUIT SWITCHING WITH 2-BUTTON OCCUPANCY SENSOR - DETAIL F3/EL-50.1
- 11 LIGHTING CONTROL SHALL BE MANUAL ON/AUTO OFF WITH AUTOMATIC DAYLIGHT CONTROL - DETAIL A6/EL-50.1
- 12 LIGHTING CONTROL SHALL BE SWITCHING OF MULTIPLE GROUPS WITH AUTO OFF VIA CEILING SENSOR(S) - SEE DETAIL C6/EL-50.1

Mark	Date	Description
1	2016-10-10	ADDENDUM #1

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SEPTEMBER 21, 2016

Drawing Title
**FLOOR 7
LIGHTING PLAN**

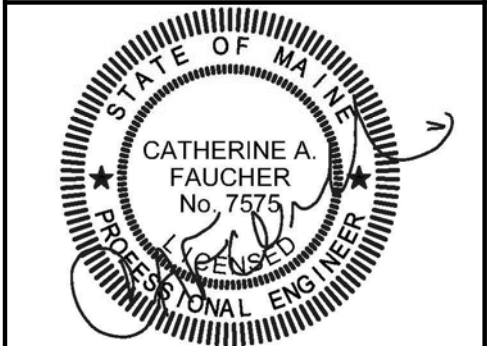
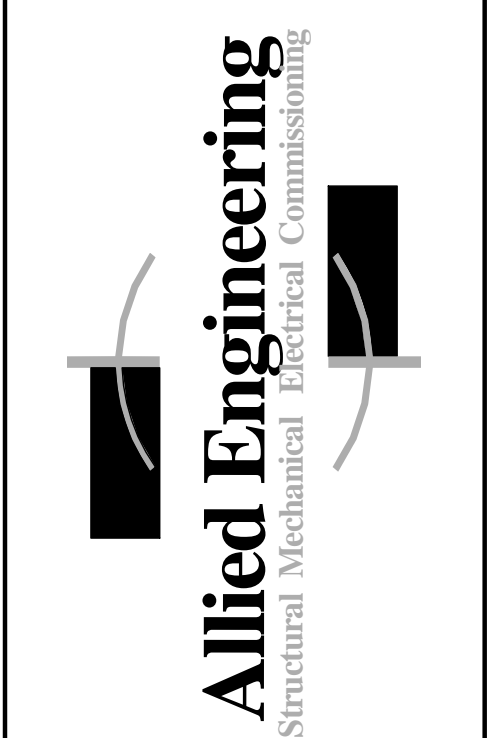
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Drawing Number

EL-10.1



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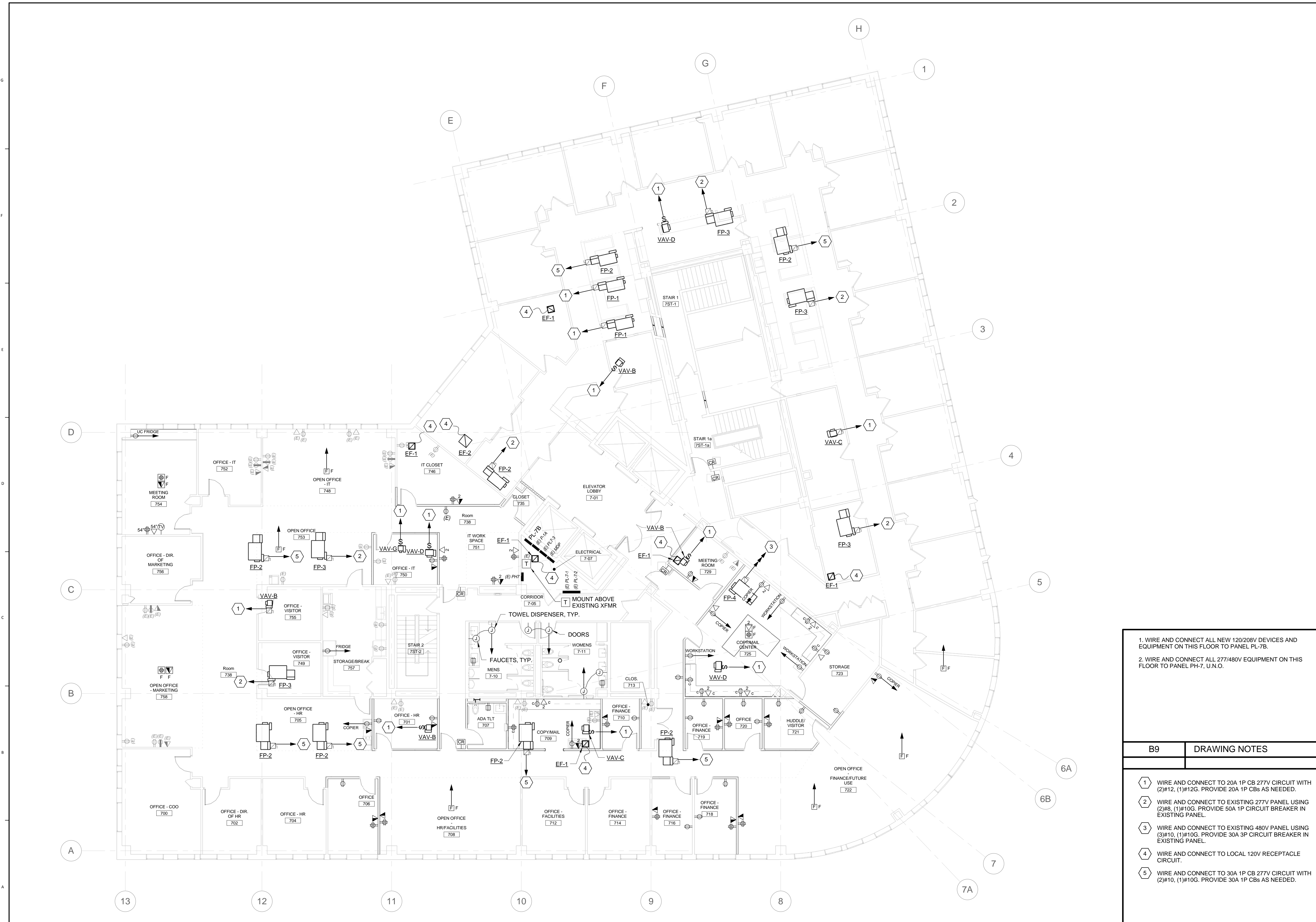
1	2016-10-10	ADDENDUM #1
Mark	Date	Description

Project Status
ISSUED FOR CONSTRUCTION
 SEPTEMBER 21, 2016

Drawing Title
FLOOR 7 POWER AND SYSTEMS PLAN

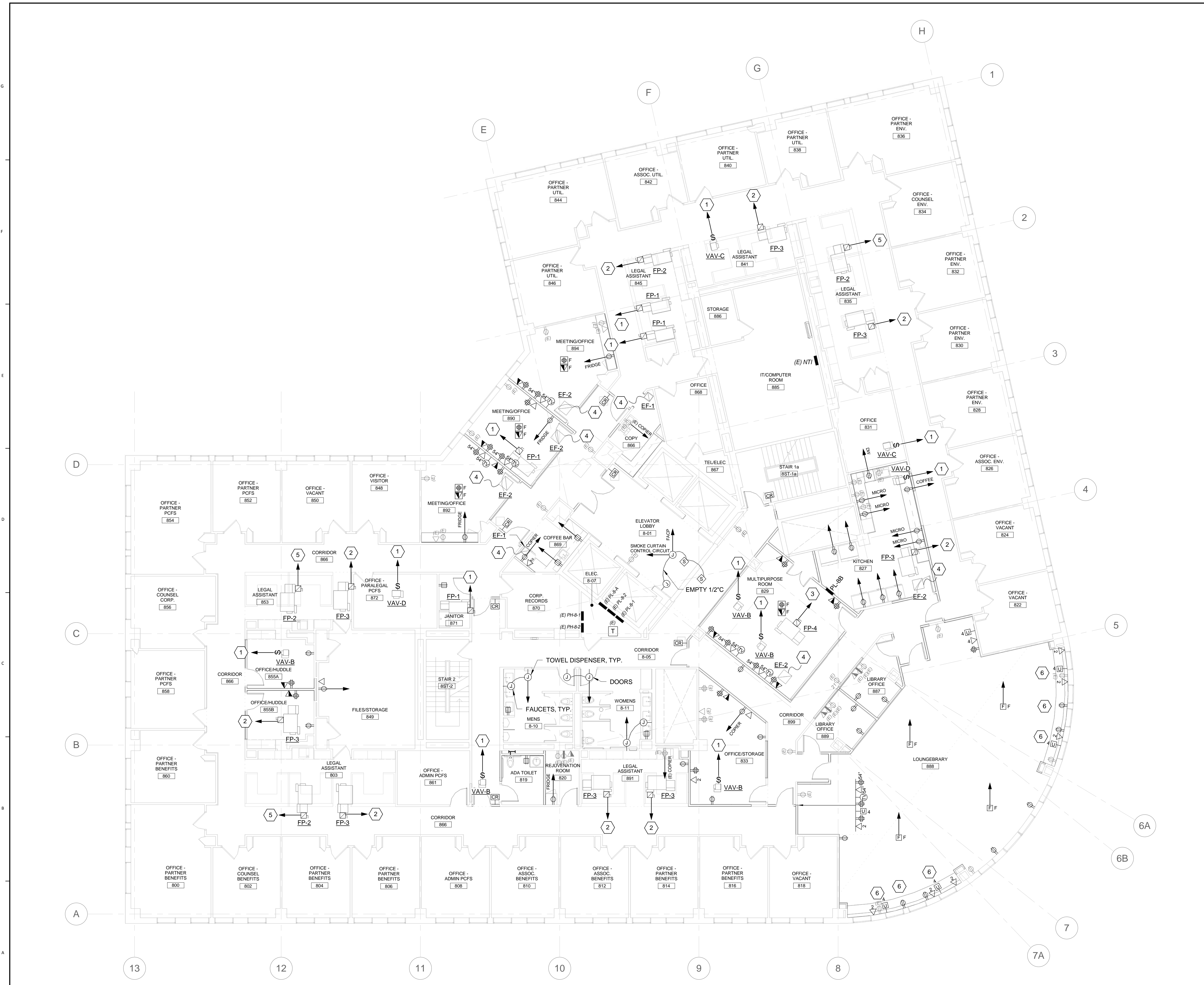
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Drawing Number
EP-10.1



1. WIRE AND CONNECT ALL NEW 120/208V DEVICES AND EQUIPMENT ON THIS FLOOR TO PANEL PL-7B.
2. WIRE AND CONNECT ALL 277/480V EQUIPMENT ON THIS FLOOR TO PANEL PH-7, U.N.O.

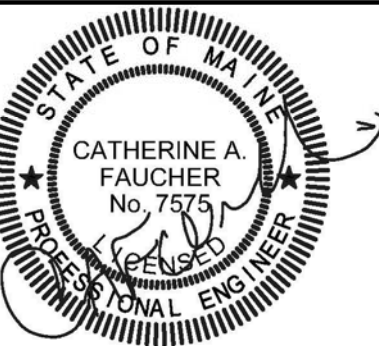
- | B9 | DRAWING NOTES |
|----|--|
| 1 | WIRE AND CONNECT TO 20A 1P CB 277V CIRCUIT WITH (2)#12, (1)#12G. PROVIDE 20A 1P CBs AS NEEDED. |
| 2 | WIRE AND CONNECT TO EXISTING 277V PANEL USING (2)#8, (1)#10G. PROVIDE 50A 1P CIRCUIT BREAKER IN EXISTING PANEL. |
| 3 | WIRE AND CONNECT TO EXISTING 480V PANEL USING (3)#10, (1)#10G. PROVIDE 30A 3P CIRCUIT BREAKER IN EXISTING PANEL. |
| 4 | WIRE AND CONNECT TO LOCAL 120V RECEPTACLE CIRCUIT. |
| 5 | WIRE AND CONNECT TO 30A 1P CB 277V CIRCUIT WITH (2)#10, (1)#10G. PROVIDE 30A 1P CBs AS NEEDED. |



1. WIRE AND CONNECT ALL NEW 120/208V DEVICES AND EQUIPMENT ON THIS FLOOR TO PANEL PH-8B.
2. WIRE AND CONNECT ALL 277/480V EQUIPMENT ON THIS FLOOR TO PANEL PH-8-1 OR PH-8-2.

- | B9 | DRAWING NOTES |
|----|--|
| 1 | WIRE AND CONNECT TO 20A 1P CB 277V CIRCUIT WITH (2)#12, (1)#12G. PROVIDE 20A 1P CBs AS NEEDED. |
| 2 | WIRE AND CONNECT TO EXISTING 277V PANEL USING (2)#8, (1)#10G. PROVIDE 50A 1P CIRCUIT BREAKER IN EXISTING PANEL. |
| 3 | WIRE AND CONNECT TO EXISTING 480V PANEL USING (3)#10, (1)#10G. PROVIDE 30A 3P CIRCUIT BREAKER IN EXISTING PANEL. |
| 4 | WIRE AND CONNECT TO LOCAL 120V RECEPTACLE CIRCUIT. |
| 5 | WIRE AND CONNECT TO 30A 1P CB 277V CIRCUIT WITH (2)#10, (1)#10G. PROVIDE 30A 1P CBs AS NEEDED. |
| 6 | MOUNT DEVICES AT BENCH 3'-0" AFF. |

A9	KEYNOTES
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1	2016-10-10	ADDENDUM #1
Mark	Date	Description

Project Status

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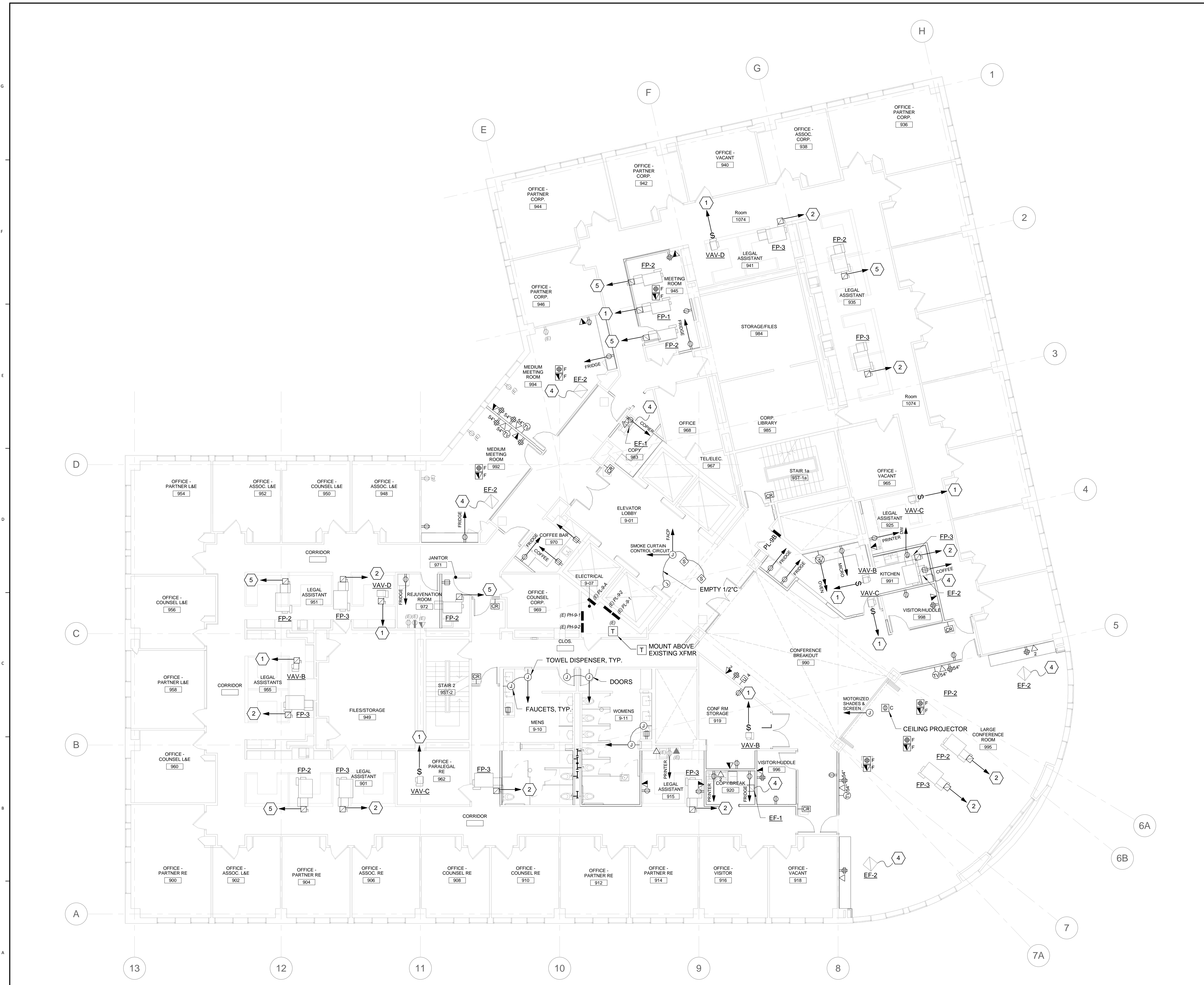
Drawing Title

FLOOR 9 POWER AND SYSTEMS PLAN

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

Drawing Number

EP-10.3



1. WIRE AND CONNECT ALL NEW 120/208V DEVICES AND EQUIPMENT ON THIS FLOOR TO PANEL PL-9B.
2. WIRE AND CONNECT ALL 277/480V EQUIPMENT ON THIS FLOOR TO PANEL PH-9-1 OR PH-9-2.

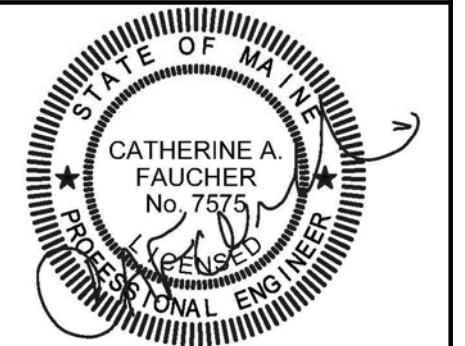
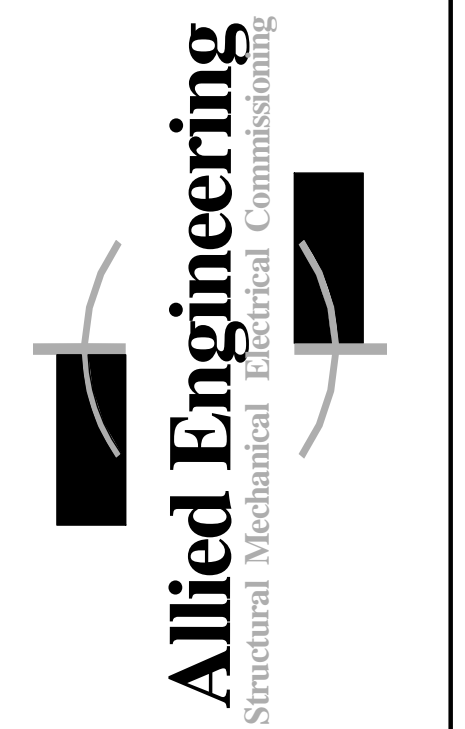
B9 DRAWING NOTES

- 1 WIRE AND CONNECT TO 20A 1P CB 277V CIRCUIT WITH (2)#12, (1)#12G. PROVIDE 20A 1P CBs AS NEEDED.
- 2 WIRE AND CONNECT TO EXISTING 277V PANEL USING (2)#8, (1)#10G. PROVIDE 50A 1P CIRCUIT BREAKER IN EXISTING PANEL.
- 3 WIRE AND CONNECT TO EXISTING 480V PANEL USING (3)#10, (1)#10G. PROVIDE 30A 3P CIRCUIT BREAKER IN EXISTING PANEL.
- 4 WIRE AND CONNECT TO LOCAL 120V RECEPTACLE CIRCUIT.
- 5 WIRE AND CONNECT TO 30A 1P CB 277V CIRCUIT WITH (2)#10, (1)#10G. PROVIDE 30A 1P CBs AS NEEDED.

A9 KEYNOTES



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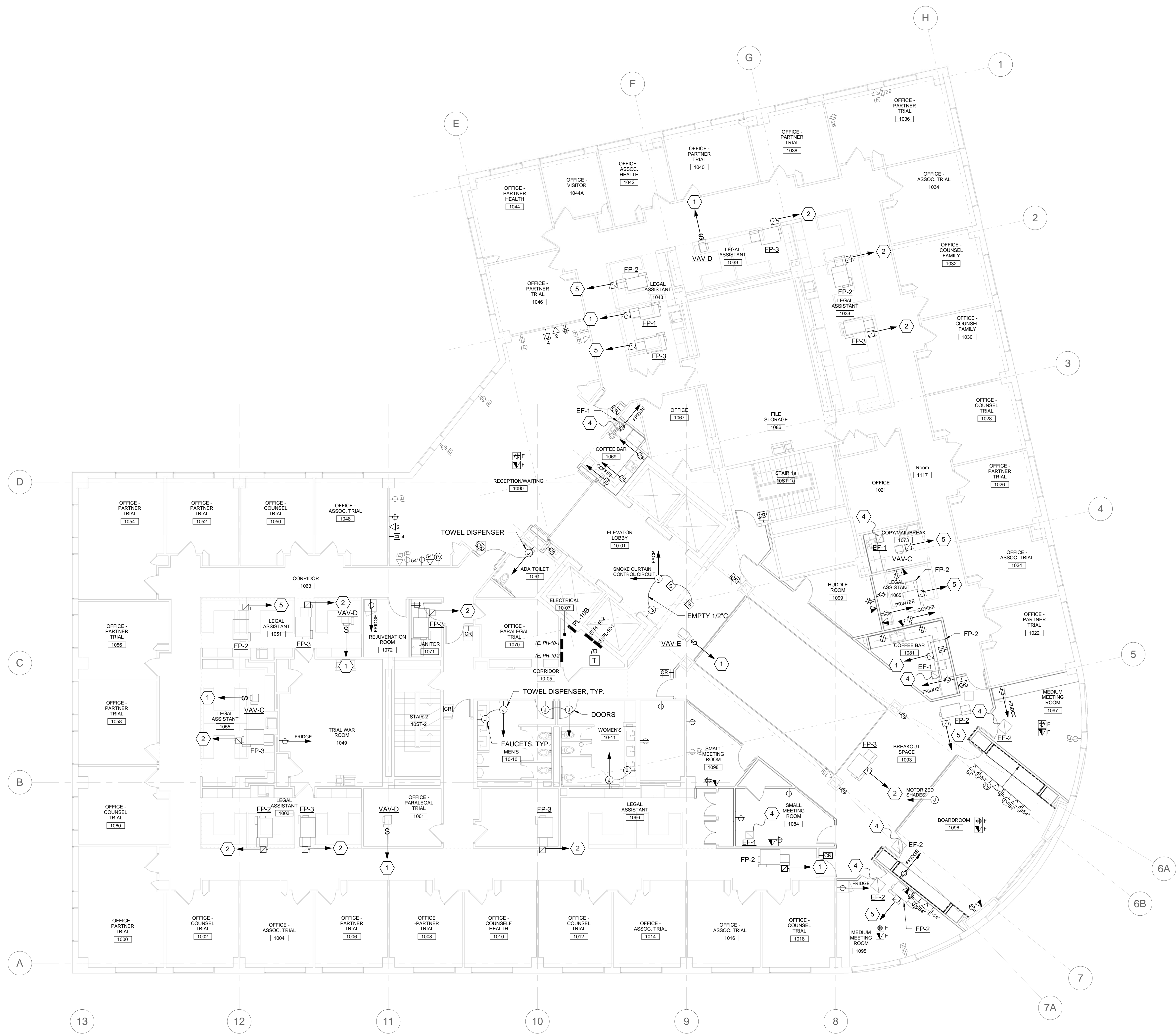
SEPTEMBER 21, 2016

Drawing Title
FLOOR 10 POWER
AND SYSTEMS
PLAN

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

Drawing Number

EP-10.4

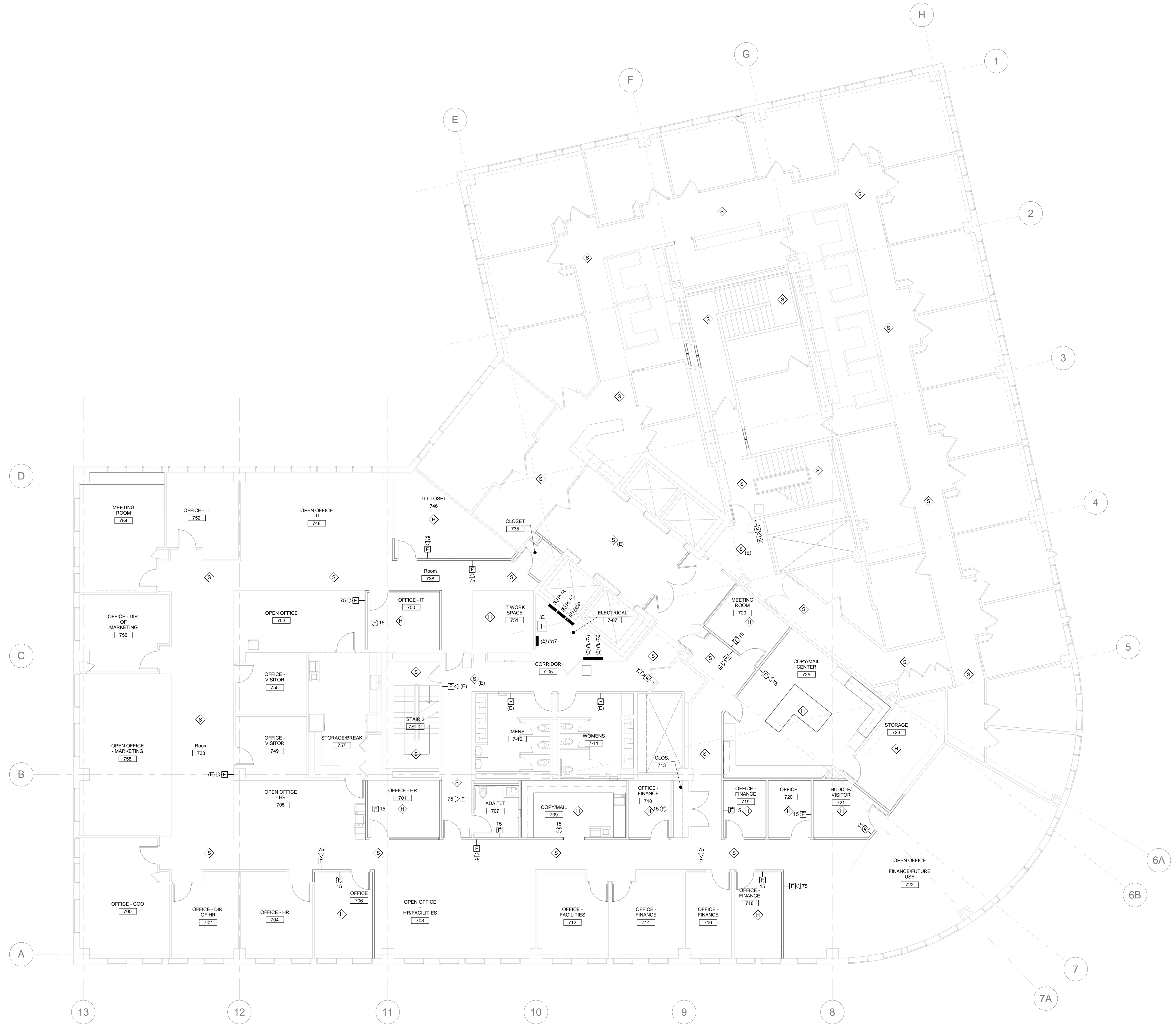


- 1. WIRE AND CONNECT ALL NEW 120/208V DEVICES AND EQUIPMENT ON THIS FLOOR TO PANEL PL-10B.
- 2. WIRE AND CONNECT ALL 277/480V EQUIPMENT ON THIS FLOOR TO PANEL PH-10-1 OR PH-10-2.

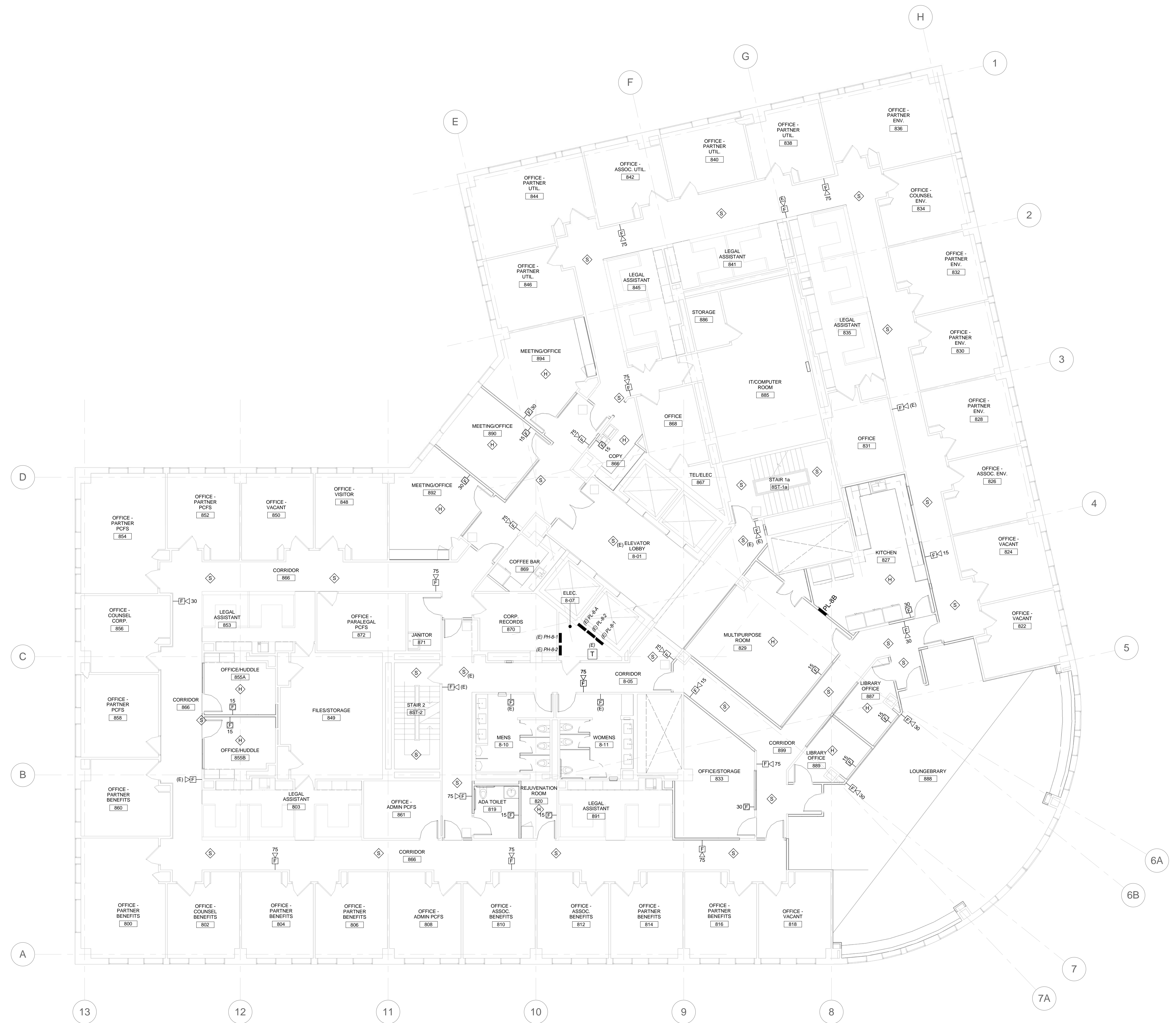
B9 DRAWING NOTES

- 1 WIRE AND CONNECT TO 20A 1P CB 277V CIRCUIT WITH (2)#12, (1)#12G. PROVIDE 20A 1P CBs AS NEEDED.
- 2 WIRE AND CONNECT TO EXISTING 277V PANEL USING (2) #8, (1)#10G. PROVIDE 50A 1P CIRCUIT BREAKER IN EXISTING PANEL.
- 3 WIRE AND CONNECT TO EXISTING 480V PANEL USING (3) #10, (1)#10G. PROVIDE 30A 3P CIRCUIT BREAKER IN EXISTING PANEL.
- 4 WIRE AND CONNECT TO LOCAL 120V RECEPTACLE CIRCUIT.
- 5 WIRE AND CONNECT TO 30A 1P CB 277V CIRCUIT WITH (2)#10, (1)#10G. PROVIDE 30A 1P CBs AS NEEDED.

A9 KEYNOTES



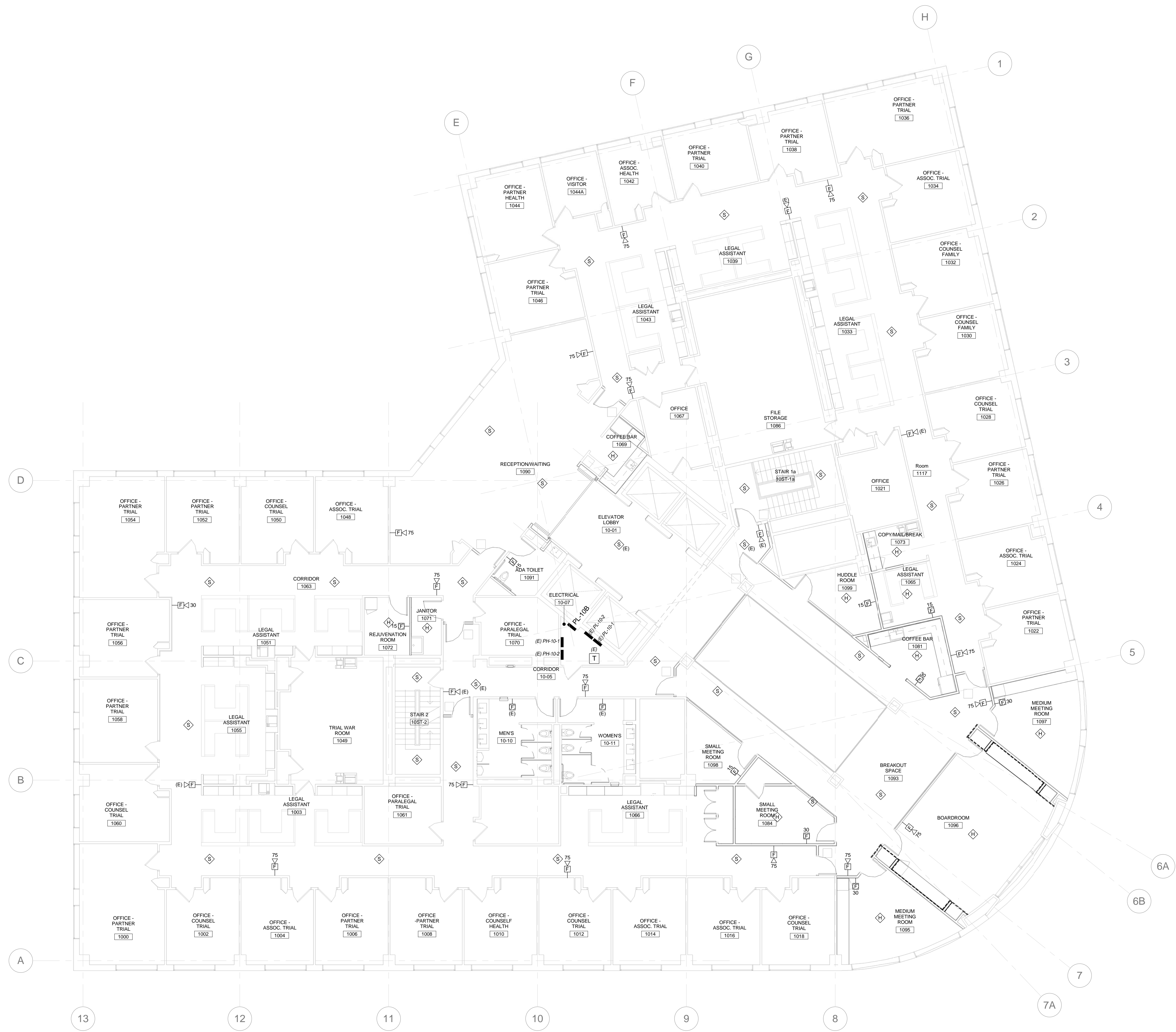
A1 FLOOR 7 FIRE ALARM PLAN
 1/8" = 1'-0"



A1 FLOOR 8 FIRE ALARM PLAN
 1/8" = 1'-0"



A1 FLOOR 9 FIRE ALARM PLAN
 1/8" = 1'-0"



Mark	Date	Description
1	2016-10-10	ADDENDUM #1

Project Status
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 SEPTEMBER 21, 2016

Drawing Title
FLOOR 10 FIRE ALARM PLAN

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

Drawing Number
FA-10.4

A1 FLOOR 10 FIRE ALARM PLAN
 1/8" = 1'-0"