

SECTION 26 27 26

Wiring Devices

- e. EDIT: Section to allow for owner selection of cover plates.
- e. REISSUE SPECIFICATION

CHANGES TO DRAWINGS

ARCHITECTURAL

SHEET A001 Title Sheet & Index

- a. ADD: Phasing Information to “Area of Work” Diagrams.
- b. REISSUE DRAWING

SHEET A801 West Square First Floor Reflected Ceiling Plans

- c. ADD: Ceiling Height tags.
- d. REISSUE DRAWING

SHEET A802 West Square Second Floor Reflected Ceiling Plans

- e. ADD: Ceiling height tags.
- f. REISSUE DRAWING

ELECTRICAL

SHEET E301 Second Floor Plan - Lighting

- a. ADD: Dimmer switches and occupancy sensors for all office rooms.
- b. ADD: Exit signs for egress in Main ADRC Suite.
- c. REISSUE DRAWING

SHEET E310 Basement & First Floor Plans - Electrical

- d. ADD: Dimmer switches and occupancy sensors for all office rooms.
- e. ADD: Exit signs for egress.
- f. REISSUE DRAWING

SHEET E311 Basement & First Floor Plans - Electrical

- g. ADD: Note indicating two data pulls per receptacle location.
- h. REISSUE DRAWING

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PART 1 – GENERAL

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- 1.3 SUBMITTALS
- 1.4 QUALITY ASSURANCE
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- 3.1 EXAMINATION
- 3.2 INSTALLATION
- 3.3 AJUSTING
- 3.4 CLEANING

PART 1 – GENERAL

1.1 SUMMARY

- 1. SECTION INCLUDES
 - 1. Wood wall panels.
 - 2. Countertops.
 - 3. Cabinets.
 - 4. Factory finishing.
- A. RELATED SECTONS
 - a. 092116 -- Gypsum Board Assemblies
- B. SUBSTITUTION REQUESTS
 - 5. Countertop and Cabinets
 - a. Submitted requests may be submitted to the Architect. Substitutions will only be considered if submitted with manufacturer's complete product information.
 - 6. Wood Wall Panels
 - a. Substitutions for Wood Paneling will not be accepted.

1.2 REFERENCE STANDARDS

- A. AWI/AWMAC/WI (AWS) - Architectural Woodwork Standards; 2014.
- B. AWMAC/WI (NAAWS) - North American Architectural Woodwork Standards, U.S. Version 3.0; 2016.
- C. HPVA HP-1 - American National Standard for Hardwood and Decorative Plywood; 2009.

1.3 SUBMITTALS

- A. Shop Drawings: Indicate materials, component profiles, fastening methods, jointing details, and accessories.
- B. Product Data: Provide data for hardware accessories and installation instructions for wall panels.
- C. Samples: Submit actual samples of architectural cabinet construction, minimum 12 inches square, illustrating proposed shelf unit substrate and finish.

1.4 QUALITY ASSURANCE

- A. Installer
 - 1. Countertops and Cabinets: Fabrication Qualifications: Company specializing in fabricating the products specified in this section with minimum five years of documented experience.
 - 2. Wood Wall Panels: Installation shall be done by qualified Carpenters experienced in the installation of architectural woodwork. Installers must receive training on handling, cutting, machining and field finishing the specified product prior to receiving materials on site.

1.5 FIELD CONDITIONS

- A. Store materials for not less than 48 hours prior to installation in area of installation at a temperature of 70 degrees F to achieve temperature stability.
- B. During and after installation of custom cabinets, maintain temperature and humidity conditions in building spaces at same levels planned for occupancy.

1.6 MOCK-UP

- A. Provide mock-up of typical base and wall cabinets, including finishes.
- B. Locate where directed.
- C. Mock-up may remain as part of the Work.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver countertops and casework to the jobsite only after proper facilities are available for handling, storing, and protecting items; receiving areas are broom cleaned; exterior openings are closed up; wet work and mechanical and electrical rough-ins are completed.
- B. Provide temporary protective covers for items during deliver, installation, and until final acceptance of Project.
- C. Deliver Wood Wall Panels to the project in original, unopened packages. Inspect containers for visible damage and report any questionable condition to the shipper and manufacturer immediately.
- D. Store Wood Wall Panels in a fully enclosed, clean, dry space out of direct sunlight and protected from damage with temperature controlled between 50 and 86 degrees F.
- E. Handle Wood Wall Panels carefully to avoid damaging panel surfaces or chipping edges. Report any damage immediately.

1.8 PROJECT CONDITIONS

- A. Verify that field measurements are as indicated on Shop Drawings.
- B. Coordinate all work with plumbing and electrical rough-in and finish.
- C. Do not install Wood Wall Panels until space is enclosed and weather-proofed, wet work is completely dry, and ambient temperature and humidity conditions are maintained at the levels indicated for the project when occupied for its intended use.
- D. Permit Wood Wall Panels to reach room temperature, 50 to 86 degrees F, and stabilized moisture content of 25% to 55% RH for at least 72 hours before installation per AWI standards.
- E. Building should be enclosed and HVAC systems functioning in continuous operation with relative humidity maintained between 25 and 55 percent.

1.9 WARRANTY

- A. Provide manufacturer's standard written product warranty.

PART 2 – PRODUCTS

2.1 WOOD WALL PANELS

- A. Manufacturer
 - 1. Paneling shall be furnished by Hillcraft of Wisconsin - phone: (608) 221-3220, address: 2202 Advance Road, Madison, WI 53703.
- B. Quality Standards: Hillcraft standard construction methods, materials, and hardware.
- C. Finish for Veneer Faced Wood Wall Panels
 - 1. Species to match existing, adjacent panels.
 - 2. Cut to match existing, adjacent panels.
 - 3. Grade to match existing, adjacent panels.
 - 4. Matching to match existing, adjacent panels.
 - 5. Finishes shall be applied in the shop to match existing, adjacent panels.

2.2 CABINETS

- A. Quality Standard: Custom Grade, in accordance with AWI/AWMAC/WI (AWS) or AWMAC/WI

- 1 (NAAWS), unless noted otherwise.
2 B. Cabinets:
3 1. Finish - Exposed Exterior Surfaces: Laminate.
4 2. Finish - Exposed Interior Surfaces: Laminate.
5 3. Finish - Concealed Surfaces: Laminate.
6 4. Casework Construction Type: Type A - Frameless.
7 5. Cabinet and Door Drawer Front Interface Style: Flush Overlay
8 6. Adjustable Shelf Loading: 50 lbs. per sq. ft.
9 a. Deflection: L/144.

10
11 **2.3 CABINET WOOD-BASED COMPONENTS**

- 12 A. Wood fabricated from old growth timber is not permitted.
13 B. Softwood Lumber: NIST PS 20; Graded in accordance with, Grade I/Premium; average moisture
14 content of 4-9 percent.
15 C. Hardwood Lumber: NHLA; Graded in accordance with, Grade III/Economy; average moisture
16 content of 4-9 percent.

17
18 **2.4 CABINET PANEL MATERIALS**

- 19 A. Particleboard: ANSI A208.1; medium density industrial type as specified in AWI/AWMAC
20 Architectural Woodwork Quality Standards Illustrated, composed of wood chips bonded with
21 moisture resistant adhesive under heat and pressure; sanded faces; thickness as required; use for
22 components indicated on drawings.
23 B. Medium Density Fiberboard (MDF): ANSI A208.2; type as specified in AWI/AWMAC Architectural
24 Woodwork Quality Standards Illustrated; composed of wood fibers pressure bonded with moisture
25 resistant adhesive to suit application; sanded faces; thickness as required.

26
27 **2.5 LAMINATE MATERIALS**

- 28 A. Manufacturers:
29 1. Wilsonart: www.wilsonart.com.
30 2. Formica Corporation: www.formica.com.
31 B. High Pressure Decorative Laminate (HPDL): NEMA LD 3, types as recommended for specific
32 applications.

33
34 **2.6 COUNTERTOPS**

- 35 A. Laminate
36 B. For Solid Surfacing Refer to Section 06 61 16 – Solid Surfacing Fabrications.

37
38 **2.7 ACCESSORIES**

- 39 A. Adhesive: Type recommended by fabricator to suit application.
40 B. Plastic Edge Banding: Extruded PVC, flat shaped; smooth finish; self-locking serrated tongue; of
41 width to match component thickness.
42 1. Color: As selected by Architect from manufacturer's standard range.
43 2. Use at all exposed shelf edges.
44 3. Use at all vertical edges.
45 C. Fasteners: Size and type to suit application.
46 D. Bolts, Nuts, Washers, Lags, Pins, and Screws: Of size and type to suit application; galvanized or
47 chrome-plated finish in concealed locations and stainless steel or chrome-plated finish in exposed
48 locations.
49 E. Concealed Joint Fasteners: Threaded steel.
50 F. Grommets: Standard plastic grommets for cut-outs, in color to match adjacent surface.
51 1. Provide 2 per countertop. Install where directed by Owner.

52
53 **2.8 HARDWARE**

- 54 A. Adjustable Shelf Supports: Standard side-mounted system using Shelf rests with steel pins at 1
55 inch on center, polished chrome finish, for nominal 1 inch spacing adjustments. Adjustment +/- 3
56 inches from equally spaced shelves.
57 B. Butt hinges: 2-3/4", five-knuckle steel hinges made from 0.095 inch thick metal and as follows:
58 1. Semi-concealed hinges for overlay doors: BHMA A156.9, B01521
59 C. Frameless concealed hinges (European Type): BHMA A156.9, B01602, 170 degrees of opening,
60 self-closing.
61 D. Wire Pulls: Back mounted, solid metal, size as shown in finish matrix

- E. Drawer slides: BHMA A156.9
 - 1. Grade 1 and Grade 2: Side mounted; full-extension type; zinc-plated steel with polymer rollers.
 - 2. Grade 1HD-100 and Grade 1HD-200; Side mounted; full-extension type; zinc-plated-steel ball-bearing slides.
 - 3. For drawers not more than 3 inches high but not more than 6 inches high and not more than 24 inches wide, provide Grade 1HD-100.
 - 4. For drawers more than 6 inches high or more than 2 inches wide, provide Grade 1HD-200.
- F. Door and Drawer Silencers: BHMA A156.16, L03011
- G. Exposed Hardware Finishes: See finish Matrix
- H. For concealed hardware, provide manufacturer's standard finish that complies with product class requirements in BHMA A156.9.

2.9 FABRICATION

- A. Assembly Shop assemble cabinets for delivery to site in units easily handled and to permit passage through building openings.
- B. Edging: Fit shelves, doors, and exposed edges with specified edging. Do not use more than one piece for any single length.
- C. Fitting: When necessary to cut and fit on site, provide materials with ample allowance for cutting.
- D. Provide matching trim for scribing and site cutting.
- E. Plastic Laminate: Apply plastic laminate finish in full uninterrupted sheets consistent with manufactured sizes. Fit corners and joints hairline; secure with concealed fasteners. Slightly bevel arises. Locate counter butt joints minimum 2 feet from sink cut-outs.
 - 1. Cap exposed plastic laminate finish edges with plastic trim.
- F. Matching Wood Grain: Comply with requirements of quality standard for specified Grade exclusively.

2.10 FACTORY FINISHING

- A. Sand work smooth and set exposed nails and screws. On items to receive transparent finishes, use wood filler matching or blending with surrounding surfaces and of types recommended for applied finishes.
- B. Finish work in accordance with AWI/AWMAC/MI (AWS) or AWMAC/MI (NAAWS), Section 5 - Finishing for grade specified and as follows:
 - 1. Transparent:
 - a. System - 11, Polyurethane, Catalyzed.
 - b. With UV protection applied.
 - c. Sheen: Satin.

PART 3 – EXECUTION

3.1 EXAMINATION

- A. Verify adequacy of backing and support framing.
- B. Verify location and sizes of utility rough-in associated with work of this section.
- C. Inspect installation area and conditions under which work is to be performed for compliance with all manufacturers' environmental requirements. All wet work in the installation area must be complete, cured, and dry prior to installation. Do not proceed until all unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Set and secure custom cabinets in place, assuring that they are rigid, plumb, and level.
- B. Use fixture attachments in concealed locations for wall mounted components.
- C. Use concealed joint fasteners to align and secure adjoining cabinet units.
- D. Confirm all field dimensions are coordinated with shop drawings.
- E. Carefully scribe casework abutting other components, with maximum gaps of 1/32 inch. Do not use additional overlay trim for this purpose.
- F. Coordinate the exact size, location, and sequencing of Wood Wall Panels including penetrations by all building components.
- G. Lay out Wood Wall Panels per approved shop drawings. Report any interferences or deviations before proceeding.
- H. All Wood Wall Panels must be installed by a qualified carpenter, experienced in the installation of

- 1 architectural woodwork. The firm must demonstrate successful experience installing materials of
2 similar type and quality of those required for this project. The use of proper carpentry tools and
3 techniques will be required for installation.
4 I. Comply with manufacturer's instruction and recommendations for installation of Wood Wall Panels
5 consistent with industry standards.
6

7 **3.3 ADJUSTING**

- 8 A. Adjust work under provisions of Divisions 01 Section "general Requirements."
9 B. Adjust moving or operating parts to function smoothly and correctly.
10 C. Remove and replace damaged or discolored materials no in compliance with manufacturer's
11 tolerances.
12 D. Adjust Wood Wall Panels after installation so the surfaces are aligned with gaps or reveals
13 between units are straight and of a consistent width.
14

15 **3.4 CLEANING**

- 16 A. Clean casework, counters, shelves, hardware, fittings, and fixtures.
17 B. Clean soiled surfaces of Wood Wall Panels per manufacturer's instructions.
18
19

END OF SECTION

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SECTION 26 27 26
WIRING DEVICES

PART 1 - GENERAL

SCOPE

This section describes the products and execution requirements relating to furnishing and installing wiring devices and related systems for the project.

RELATED WORK

Applicable provisions of Division 1 govern work under this Section.

SUBMITTALS

Provide product data showing model numbers, configurations, finishes, dimensions, and manufacturer's instructions.

For occupancy sensor shop drawings, the manufacturer's actual layout of occupancy sensors and the wiring diagrams shall be provided.

OPERATION AND MAINTENANCE DATA

All operations and maintenance data shall comply with the submission and content requirements specified under section GENERAL REQUIREMENTS.

PART 2 - PRODUCTS

MODULARLY CONNECTED (MODULAR) DEVICES:

Modularly connected devices are allowed, but not required.

Modular Pigtailed Connector: Polarized connector with minimum six-inch stranded copper wire leads, polycarbonate right-angle housing, UL498 listed, with finger-safe connector housing which provides insulation from conductive surfaces. Contacts shall be brass. Connector shall be manufactured so that it provides a secure connection such that it will maintain contact with the device until the device is removed for replacement. Modular connectors shall be provided with covers which protect the contacts from paint, drywall mud, and construction dust and debris. Connectors shall be Hubbell SNAPConnect, Leviton Lev-Lok, Pass & Seymour PlugTail, or approved equal.

WALL SWITCHES

General: Heavy duty use toggle switch, rated 20 amperes and 120/277 volts AC. Switches shall be UL20 Listed and meet Federal Specification WS-896. All switches shall be heavy duty Specification Grade.

Handle: Ivory made of nylon or high impact resistant material.

Wall Switches for Lighting Circuits and Motor Loads Under 1/2 HP: All switches shall be back and side wired, screw clamp type, suitable for solid or stranded wire up to #10 AWG, with separate green ground screw. Switches shall be as follows:

- Hubbell 1221*,
- Leviton 1221-S*,
- Pass & Seymour CSB20AC1-*,
- or approved equal. (* indicates color selection).

Modular Wall Switches for Lighting Circuits and Motor Loads Under 1/2 HP: Switches shall be as follows:

- Hubbell SNAP1221*NA,
- Leviton M1221-*,
- Pass & Seymour PT20AC1-*,
- or approved equal. (* indicates color selection).

RECEPTACLES

General Requirements: NEMA Type 5-20R, ivory nylon or high impact resistant face. Receptacles shall be UL498 Listed and meet Federal Specification WC-596. All duplex receptacles shall be heavy duty Specification Grade, 20 amp rated.

Generally, all receptacles shall be duplex convenience type unless otherwise noted.

All receptacles designated as isolated ground shall have an isolated ground triangle imprint on the face of the receptacle.

1 All receptacles installed in bathrooms, kitchens, and within 6 feet of the outside edge of sinks shall be GFCI type.

2
3 All receptacles installed in outdoor locations, garages, rooftops, and in other damp or wet locations shall be GFCI
4 type with a weather resistant (WR) rating.

5
6 **Convenience and Straight-blade Receptacles:** All receptacles shall be back, and side wired, screw clamp type,
7 suitable for solid or stranded wire up to #10 AWG, with a separate green ground screw. Receptacles shall be as
8 follows:

- 9 • Hubbell 5362*,
- 10 • Leviton 5362-*,
- 11 • Pass & Seymour PS5362*,
- 12 • or approved equal. (* indicates color selection).

13
14 **GFCI Receptacles:** Duplex convenience receptacle with integral ground fault current interrupter meeting the
15 requirements of UL standard 943 Class A, including self-test functionality and reverse line-load misfire function
16 repeatability. GFCI receptacles shall be as follows:

- 17 • Hubbell GFR5362SG*,
- 18 • Leviton GFNT2-*,
- 19 • Pass & Seymour 2097*,
- 20 • or approved equal. (* indicates color selection).

21
22 **GFCI Receptacles with a weather-resistant (WR) rating:** Weather-Resistant duplex convenience receptacle with
23 integral ground fault current interrupter meeting the requirements of UL standard 943 Class-A, including self-test
24 functionality and reverse line-load misfire function repeatability. WR GFCI receptacles shall be as follows:

- 25 • Hubbell GFR5362SG*,
- 26 • Leviton GFWR2-*,
- 27 • Pass & Seymour 2097TRWR*,
- 28 • or approved equal. (* indicates color selection).

29
30 **USB Charger and Duplex Tamper-Resistant Receptacles:** Do not use combination duplex receptacles with USB
31 chargers. Use duplex receptacles as required for the application and as specified herein. Use separate 4-port USB
32 charging devices.

33
34 **USB Charging Devices:** Single-gang 4-port USB charging station. USB ports shall meet UL94 for 5V flammability
35 rating and shall comply with battery charging specification USB BC1.2. USB ports shall be compatible with USB
36 1.1/2.0/3.0 devices, including Apple products. USB ports shall be rated 5VDC, 4.2A minimum. Devices shall be as
37 follows:

- 38 • Hubbell USB4*,
- 39 • Leviton USB4P-*,
- 40 • Pass & Seymour TM8USB4*CC6,
- 41 • or approved equal. (* indicates color selection).

42 **Locking-Blade Receptacles:** As indicated on drawings.

43
44 **Specific-use Receptacle Configuration:** As indicated on drawings.

45
46 **Modular Convenience and Straight-blade Receptacles:** Receptacles shall be as follows:

- 47 • Hubbell SNAP5362*A,
- 48 • Leviton M5362-*,
- 49 • Pass & Seymour PT5362*,
- 50 • or approved equal. (* indicates color selection).

51
52 **Modular GFCI Receptacles:** Duplex convenience receptacle with integral ground fault current interrupter meeting
53 the requirements of UL standard 943 Class A, including self-test functionality and reverse line-load misfire function
54 repeatability. GFCI receptacles shall be as follows:

- 55 • Hubbell GFRST83SNAP*,
- 56 • Leviton MGFN2-*,
- 57 • Pass & Seymour PT2097*,
- 58 • or approved equal. (* indicates color selection).

59
60 **Modular GFCI Receptacles with a weather-resistant (WR) rating:** Use back and side wired devices in lieu of
61 modular weather-resistant rated GFCI receptacles.

1 **TAMPER-RESISTANT RECEPTACLES**

2
3 **Tamper-Resistant Convenience and Straight-blade Receptacles:** Tamper-resistant receptacles shall be back and
4 side wired, screw clamp type, suitable for solid or stranded wire up to #10 AWG, with a separate green ground screw.
5 Receptacles shall be as follows:

- 6 • Hubbell 8300*TR,
- 7 • Leviton 5362-SG*,
- 8 • Pass & Seymour TR5362*
- 9 • or approved equal. (* indicates color selection).

10
11 **Tamper-Resistant Arc-Fault Receptacles:** Tamper-resistant duplex convenience receptacle with integral arc fault
12 current interrupter meeting the requirements of UL standard 1699A. Device shall include an LED indicator.
13 Receptacles shall be as follows:

- 14 • Hubbell AFR20TR*
- 15 • Leviton AFTR2-*
- 16 • Pass & Seymour AF20TR*
- 17 • or approved equal. (* indicates color selection).

18
19 **Tamper-Resistant GFCI Receptacles:** Tamper-Resistant duplex convenience receptacle with integral ground fault
20 current interrupter meeting the requirements of UL standard 943 Class A, including self-test functionality and reverse
21 line-load misfire function repeatability. Receptacles shall be as follows:

- 22 • Hubbell GFR5362SG*,
- 23 • Leviton GFTR2-*,
- 24 • Pass & Seymour 2097TR*,
- 25 • or approved equal. (* indicates color selection).

26
27 **Tamper-Resistant GFCI Receptacles with a weather-resistant (WR) rating:** Tamper-Resistant and weather-
28 resistant duplex convenience receptacle with integral ground fault current interrupter meeting the requirements of UL
29 standard 943 Class A, including self-test functionality and reverse line-load misfire function repeatability. Receptacles
30 shall be as follows:

- 31 • Hubbell GFR5362SG*,
- 32 • Leviton GFWT2-*
- 33 • Pass & Seymour 2097TRWR*,
- 34 • or approved equal. (* indicates color selection).

35
36 **Modular Tamper-Resistant Convenience and Straight-blade Receptacles:** Tamper-resistant receptacles shall be
37 as follows:

- 38 • Hubbell SNAP5362*TR,
- 39 • Leviton M5362-SG*,
- 40 • Pass & Seymour PTTR5362*,
- 41 • or approved equal. (* indicates color selection).

42
43 **Modular Tamper-Resistant GFCI Receptacles:** Tamper-resistant duplex convenience receptacle with integral
44 ground fault current interrupter meeting the requirements of UL standard 943 Class A, including self-test functionality
45 and reverse line-load misfire function repeatability. Receptacles shall be as follows:

- 46 • Hubbell GFTWRST83SNAP*,
- 47 • Leviton MGFT2-*,
- 48 • Pass & Seymour PT2097TR*,
- 49 • or approved equal. (* indicates color selection).

50
51 **OCCUPANCY SENSORS**

52 **General Requirements:**

- 53 1. All occupancy sensors shall be hardwired type; battery type shall not be permitted.
- 54 2. Sensors shall use either passive infrared, or if dual technology, passive infrared and passive acoustic
55 sensing or passive infrared and ultrasonic sensing for detecting room occupancy.
- 56 3. Sensitivity shall be user adjustable or self-adjusting type.
- 57 4. The delay timer shall be adjusted within a range of 6 to 30 minutes by the contractor in the field. The sensor
58 shall have a test mode for performance testing.
- 59 5. The test LED shall indicate motion.
- 60 6. Line voltage sensors are acceptable, especially in exposed ceiling areas where all wiring shall be installed in
61 conduit, including low voltage cabling if power packs are used. Provide power pack as required for low
62 voltage sensors.
- 63 7. See drawings for actual types of sensors.
- 64 8. Occupancy sensors and power packs shall have five-year warranties.

1 **Wall Mounted (Wall Switch Type):** The unit shall fit in/on a standard single gang switch box

- 2 1. Rated capacity: 600 watts minimum at 120 volts, 60 Hz; 1000 watts minimum at 277 volts, 60 Hz.
- 3 2. The sensor shall have two switches where dual-level lighting is required. The switch shall have manual
- 4 override for positive OFF and automatic ON.
- 5 3. The area of coverage shall be approximately 180 degrees by 35-40 feet.

6
7 **Ceiling Mounted:** The unit shall fit in/on a standard octagon box. All ceiling mounted sensors shall be installed to a
8 box with ring and box support.

- 9 1. The coverage area shall be 360 degrees by approximately 15 feet radius when mounted at 9-foot height.
10 The sensor shall have provisions, such as masking, to block out problem areas.

11
12 **Ceiling/Corner Mounted:** The unit shall fit in/on a standard octagon box. All ceiling mounted sensors shall be
13 installed to a box with ring and box support.

- 14 1. The coverage area shall be 90 degrees or greater by approximately 40 feet radius when mounted at 9-foot
15 height. The sensor shall have provisions, such as masking, to block out problem areas.

16
17 **Power Packs:** Provide power packs as required for low voltage sensors. Rated capacity shall be 20 amps at 120 or
18 277 volts for fluorescent lamps.

- 19 1. The unit shall fit on a standard octagon box. All power packs shall be installed onto a supported box.
- 20 2. Low voltage cabling shall be plenum rated or installed in conduit in plenum-rated areas.

21
22 **Auxiliary Contacts for HVAC Interlock:** Provide auxiliary dry contacts for HVAC BAS interlock when required. Refer
23 to the "Occ Sensor Interlock" column in the Air Terminal Schedule(s) on the HVAC drawings. When required, provide
24 auxiliary contacts regardless if the occupancy sensors are line or low voltage.

- 25 1. The occupancy sensors and auxiliary contacts shall be wired such that the sensor still detects occupancy
26 and controls the auxiliary contacts regardless if the light switch(es) are in the OFF position (e.g. the
27 occupant has turned the lights OFF because there is enough daylight, but the occupant is still occupying the
28 space, and the occupancy sensor senses the occupant and closes the auxiliary contacts for BAS input).
- 29 2. The BAS wiring to the auxiliary contacts shall be by the Division 23 contractor.

30 31 **EMERGENCY LIGHTING CONTROL UNITS**

32 **General Requirements:** The Emergency Lighting Control Unit (ELCU) shall automatically illuminate connected
33 emergency lighting upon utility power interruption, regardless of room switch position or occupancy sensor state.

- 34 1. The ELCU shall be UL 924 listed.
- 35 2. Warranty shall be 5-year replacement warranty.
- 36 3. Local room switch or lighting control shall turn both normal and emergency luminaires ON at the same time
37 (no dedicated emergency room switch required).
- 38 4. The ELCU shall have a minimum load rating of 20 Amps at 120V or 277V, 1800W Tungsten at 120V,
- 39 5. 1500W Tungsten at 277V, 1 HP, or general use 20 Amp circuits.
- 40 6. The ELCU shall accept 120V or 277V, 60Hz Input & Output (voltage tolerance +/- 15%).
- 41 7. The ELCU shall include emergency power and normal power indicator LEDs, and a manual test switch.
- 42 8. The ELCU shall accept separate phases on the constant hot and switched hot inputs.
- 43 9. The ELCU shall include high voltage input surge protection up to 50,000V.
- 44 10. Load contacts shall be able to withstand 10 direct shorts while connected to a 20 Amp breaker without
45 permanent damage.
- 46 11. The ELCU shall not generate any objectionable electrical or mechanical noise.
- 47 12. The ELCU shall have UL 94-VO or UL 94-5VA flame rating and be approved for installation above the
48 suspended ceiling.

49
50 **Dimming Applications:** The ELCU shall automatically illuminate connected emergency lighting to full brightness
51 upon utility power interruption, regardless of dimmer or switch position or occupancy sensor state.

- 52 1. The ELCU shall be compatible with 2-wire, 3-wire, 0-10V, and DALI dimming systems and ballasts.
- 53 2. The same local room switch, dimmer, or lighting control shall dim both normal and emergency luminaires at
54 the same level during normal operation.

55 56 **WALL DIMMERS**

57 **General:**

- 58 1. Compatible with the voltage of the circuit being controlled: 120V or 277V.
- 59 2. Compatible with the load being dimmed.
- 60 3. Linear full-range slide control.
- 61 4. Separate ON/OFF switch: single-pole, 3-way, or multiple-location operation as indicated on the drawings.
- 62 5. No derating required in multi-gang applications.
- 63 6. Polycarbonate construction.
- 64 7. Color to match receptacles and/or standard toggle switches.

1 Line-voltage LED Dimmer:

- 2 1. Forward or reverse phase dimming control as required for the application.
3

4 0-10 V Dimmers:

- 5 1. Ratings: 30 mA sink current.
6 2. Adjustable dial allows users to trim the low-end dimming range.
7

8 **DEVICE PLATES AND BOX COVERS**

9 **Decorative Cover Plate:** As selected by owner from manufacturer's standards.

10
11 **Weatherproof Cover:** All receptacles installed in wet locations shall have an enclosure that is weatherproof whether
12 or not the attachment plug is inserted. Covers shall be gasketed metal with hinged "in-use" device covers, powder
13 coat painted. Non-metallic covers are not allowed. Covers shall be latching type and shall be lockable. Covers shall
14 be identified as "extra-duty" type per NEC 406.9(B)(1).
15

16 **Damp Location Cover:** All receptacles installed outdoors in a location protected from the weather or in other damp
17 locations shall have an enclosure that is weatherproof when the receptacle is covered (attachment plug not inserted
18 and receptacle covers closed). Covers shall be gasketed metal with hinged device covers, powder coat painted. Non-
19 metallic covers are not allowed.
20

21 **Surface Cover Plate:** Raised galvanized steel.
22

23 **PHOTOCELLS**

- 24 A. The controller shall be rated 2000 watts tungsten at 120, 240 or 277 volts. The cell shall be cadmium sulfide,
25 1" diameter.
26 B. The enclosure shall be die cast zinc, gasketed for maximum weather proofing.
27 C. The enclosure shall include the positioning lug on the top of the enclosure.
28 D. The unit shall have a delay of up to two minutes to prevent false switching. ON/Off adjustment shall be done
29 by moving a light selector with a range from 2 to 50 foot-candles.
30 E. Mounting shall be for a 1/2" conduit nipple.
31 F. The unit shall have a 5-year warranty.
32 G. The contacts shall be SPST normally closed.
33 H. The operational temperature range shall be -40 to 140 degrees F (-40 to +60 degrees C).
34
35

36 **TIME CLOCKS**

- 37 A. Unit shall be a multi-purpose, 7-day, 365-day advance single and skip a day, combination 2-channel
38 electronic time clock with a SPDT switching configuration and astronomic dial.
39 B. The contacts shall be rated 10 amp resistive at 120/250 VAC, 7.5 amps inductive at 120/250 VAC, 5 amps
40 inductive at 30 VDC and up to 1/2 HP at 250 VAC. The unit shall be rate for 30 VDC, 120 VAC, 250 VAC
41 and 277 VAC.
42 C. The controller shall be capable of programming in the AM/PM or 24-hour format by jumper selection, in one
43 minute resolution, using 2 buttons only for all basic settings.
44 D. Display shall be LED type.
45 E. The unit shall have 365 day and or holiday selection capabilities, with 16 single date and 5 holiday selection
46 options and user selectable daylight savings/standard time functions.
47 F. The unit shall have 72 hour memory backup with rechargeable battery and charger.
48 G. The unit shall be capable of manual override, ON and OFF to the next scheduled event, using 1 button for
49 each channel.
50 H. The enclosure shall be rated for indoor or outdoor installation.
51

52 **TIME SWITCH**

- 53 A. The switch shall be programmed to automatically turn lights off after a preset time.
54 B. The delay timer shall be adjustable with a range of 5 minutes to 12 hours.
55 C. Switch shall be rated for 120/277V, 1200W load.
56 D. The switch shall beep warning every 5 seconds during the last minute of countdown. Also, the switch shall
57 flash lights (for warning) at one minute before timer expires.
58 E. Time scrolling shall be provided to override preset time by pressing the ON/OFF switch for four seconds.
59 F. LCD provided to show count down time.
60 G. The switch shall have zero crossing circuitry.
61

62 **PART 3 - EXECUTION**

63 **INSTALLATION**

- 64 A. See plans for device mounting heights.

- 1 B. Install wall switches with OFF position down.
- 2 C. Wall dimmers: de-rate ganged dimmers as instructed by manufacturer; do not use common neutral.
- 3 D. Install convenience receptacles with grounding pole on bottom.
- 4 E. Install box for information outlet at the same height as adjacent convenience receptacles. Locate boxes for
- 5 information outlet as close as practical to duplex power outlet, approximately 2-inches apart.
- 6 F. Install box for telephone jack for wall telephone at 46-inches to center above finished floor.
- 7 G. Install specific-use receptacles at heights shown on Contract Drawings.
- 8 H. Install decorative plates on switch, receptacle, and blank outlets in finished areas.
- 9 I. Install galvanized steel plates on outlet boxes and junction boxes in unfinished areas, above accessible
- 10 ceilings, and on surface-mounted outlets.
- 11 J. Install devices and wall plates flush and level.
- 12 K. Receptacles shall have a bonding conductor from grounding terminal to the metal conduit system. Self-
- 13 grounding receptacles using mounting screws as bonding means are not approved.
- 14

15 FIELD QUALITY CONTROL

- 16 A. Inspect each wiring device for defects.
- 17 B. Operate each wall switch and sensor with circuit energized and verify proper operation.
- 18 C. Verify operation of each ELCU by turning off the normal power circuit breaker at the panelboard.
- 19 D. Verify that each receptacle device is energized.
- 20 E. Test each receptacle device for proper polarity.
- 21 F. Test each GFCI receptacle device for proper operation.
- 22 G. The user agency and owner personnel reserve the right to be present at all tests.
- 23

24 OCCUPANCY SENSORS

- 25 A. Power packs used in return air plenum ceiling areas shall be installed in an approved enclosure or UL listed
- 26 for return air plenum.
- 27 B. Provide a minimum of 4' of coiled cable for ceiling-mounted sensors.
- 28 C. Occupancy sensors shall be installed at locations indicated on the manufacturer's submittal layout drawings.
- 29 Sensors shall be located to prevent false "ON" tripping of the lights.
- 30 D. Sensitivity Test: After the sensor has been energized for at least 15 minutes, walk to the middle of the room
- 31 (if conference room) or sit at the normal desk position (if an office). Make no motion for 20 seconds. Move
- 32 one arm up and down slowly. The test LED should blink.
- 33 E. Time Delay Test: Set the time delay for 10 minutes. Walk into the room to activate the sensor then leave
- 34 room. Sensor must turn lights off at approximately 10 minutes. Walk into the room again to reactivate the
- 35 lights. Lights should activate within 1 second.
- 36 F. For lights on emergency power *without* an emergency lighting control unit (ELCU), use the *emergency* circuit
- 37 to energize the occupancy sensor's power pack. Route the emergency circuit through the occupancy
- 38 sensor's power pack relay to the light fixtures. Route any non-emergency circuits controlled by the same
- 39 occupancy sensor through separate auxiliary relay packs.
- 40 G. For lights on emergency power *with* an ELCU, route the *normal* power through the switches and occupancy
- 41 sensor relay to the ELCU, then to the normal power lighting fixtures. Connect the emergency circuit to the
- 42 ELCU's emergency power terminals, then to the emergency lighting fixtures. The ELCU will control the
- 43 emergency lighting along with the normal lighting controls but will turn the emergency lights ON in a power
- 44 outage, regardless of the position of the switches or relays.
- 45

46 ADJUSTING

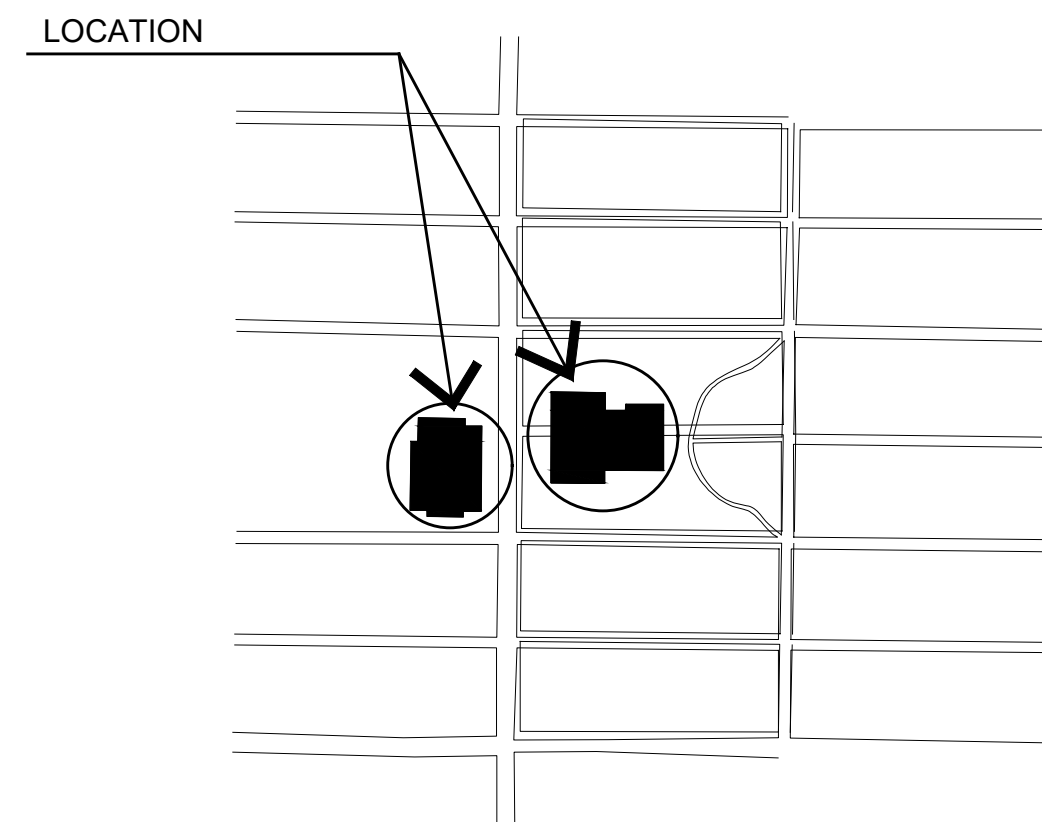
- 47 A. Adjust devices and wall plates to be flush and level.
- 48 B. Mark all conductors with the panel and circuit number serving the device with a machine generated label, at
- 49 the device, and on the back of the device cover.
- 50

51 END OF SECTION

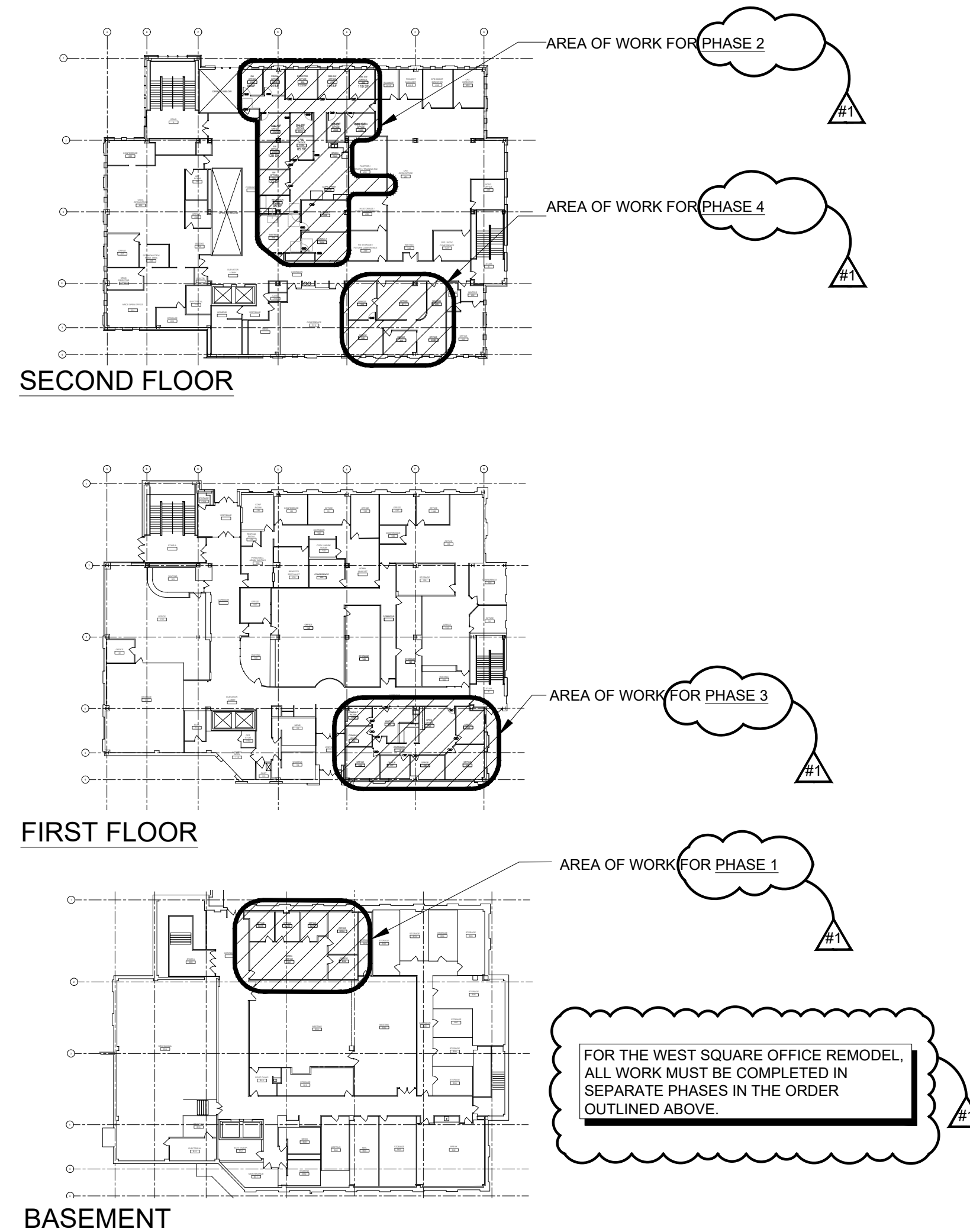
WEST SQUARE OFFICE SUITE REMODEL DESIGN

(& COURTHOUSE TOILET ROOM RENOVATION)

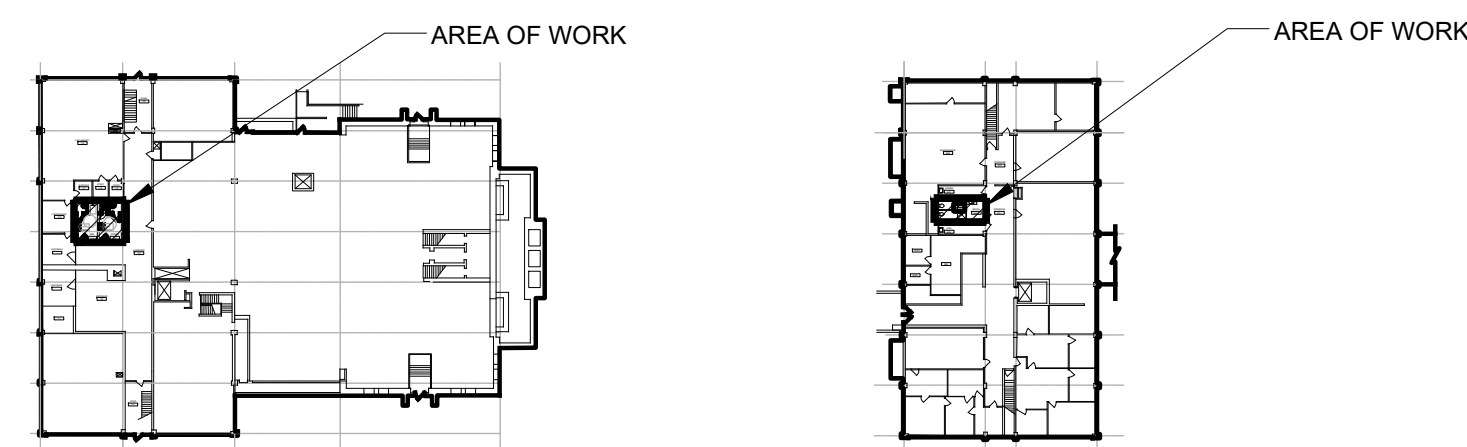
505 BROADWAY
BARABOO, WISCONSIN 53913



LOCATION MAP
SCALE: N.T.S.



1
A001 WEST SQUARE OFFICE SUITE REMODEL
SCALE: N.T.S.



TOILET ROOMS - FIRST FLOOR TOILET ROOMS - BASEMENT
1
A001 COURTHOUSE TOILET ROOMS REMODEL
SCALE: N.T.S.

GENERAL NOTES:

1. ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATE OF WISCONSIN BUILDING CODE LATEST EDITION.
2. CONTRACTOR(S) ARE RESPONSIBLE FOR VERIFICATION OF, AND COORDINATION WITH, ALL DIMENSIONS SHOWN ON THESE DRAWINGS RELATIVE TO EXISTING CONDITIONS PRIOR TO BEGINNING WORK. DO NOT SCALE FROM DRAWINGS.
3. CONTRACTOR SHALL REPORT IMMEDIATELY TO THE ARCHITECT ANY DIMENSION(S) OR DISCREPANCIES VERBALLY, A WRITTEN REPORT SHOULD PROMPTLY FOLLOW. CONTRACTOR SHALL CEASE WORK IN THE AFFECTED AREA UNTIL DIRECTED BY THE ARCHITECT.
4. THE CONTRACTOR SHALL PROVIDE ALL METHODS AND EQUIPMENT FOR PROTECTING THE BUILDING, ALL MATERIALS, AND PERSONNEL FROM FIRE OR OTHER DAMAGE PRIOR TO STARTING. THE CONTRACTOR SHALL SUBMIT THE APPROVED METHODS AND EQUIPMENT IN WRITING FOR THE OWNER AND ARCHITECT'S REVIEW PRIOR TO STARTING WORK.
5. THE CONTRACTOR SHALL COMPLY WITH ALL SAFETY AND HEALTH LAWS AND REGULATIONS.
6. EXECUTION OF THE WORK WILL INVOLVE CONSIDERATION FOR ALLOWING THE OWNER TO CONTINUE THE OPERATION OF THE BUILDING AND THE BUSINESS IN THE FACILITY AND ADJACENT FACILITIES. PRIOR TO THE AWARD OF THE CONTRACT, THE CONSTRUCTION SCHEDULE PREPARED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE ARCHITECT AND SHALL BE COORDINATED WITH THE OWNER. OWNER'S APPROVAL OF THE PROPOSED SCHEDULE SHALL SUPERCEDE THE CONTRACT PROVIDED THE OVERALL TIME IS NOT CHANGED.
7. THE CONTRACTOR SHALL REVIEW ALL EXISTING CONDITIONS TO DETERMINE ALL SERVICES (ELECTRICAL, MECHANICAL AND PLUMBING) AFFECTED BY THE REPAIR WORK. THE CONTRACTOR SHALL MAKE NECESSARY TEMPORARY CONNECTIONS TO MAINTAIN EXISTING SERVICES TO ALL AREAS OF THE BUILDING DIRECTLY AND INDIRECTLY AFFECTED BY THE WORK. THE CONTRACTOR SHALL SUBMIT METHODS AND SCHEDULE OF CONNECTIONS TO THE OWNER FOR APPROVAL PRIOR TO BEGINNING WORK.
8. AS THE WORK PROGRESSES, THE CONTRACTOR SHALL PRODUCE "AS-BUILT" DRAWINGS FOR THE INSTALLATION OF ALL REPAIR ITEMS UNDER THE CONTRACT. THE ARCHITECT WILL PROVIDE THE GENERAL CONTRACTOR WITH A SET OF REPRODUCIBLE PLANS FOR THIS PURPOSE. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING THE AS-BUILT DRAWINGS ACCORDING TO THE JOB PROGRESS. EACH PAY REQUEST SUBMITTED BY THE CONTRACTOR SHALL BE ACCOMPANIED BY A COPY OF THE UPDATED AS-BUILT DRAWINGS.
9. THE CONTRACTOR SHALL CALL "DIGGER'S HOTLINE" AT 800-242-8511, 48 HOURS (EXCLUDING WEEKENDS AND/OR HOLIDAYS) PRIOR TO DIGGING ANY EXCAVATION. "DIGGER'S HOTLINE" WILL CONTACT UTILITY COMPANIES TO LOCATE AND MARK THEIR UNDERGROUND FACILITIES. NO SUCH WORK SHALL COMMENCE PRIOR TO VERIFICATION THAT ALL UTILITIES HAVE RESPONDED.
10. THE CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SHEATHING, REQUIRED FOR THE SAFETY AND PROPER EXECUTION OF THE WORK.

SHEET INDEX :

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A002	CODE PLANS
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A130	COURTHOUSE TOILET ROOMS DIMENSIONED FLOOR PLAN & ELEVATIONS
A180	COURTHOUSE TOILET ROOMS REFLECTED CEILING PLANS & DOOR SCHEDULE
A190	COURTHOUSE TOILET ROOMS FINISH PLAN
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A201	WEST SQUARE SECOND FLOOR DEMO PLAN
A300	WEST SQUARE BASEMENT & FIRST FLOOR PLANS
A301	WEST SQUARE SECOND FLOOR ADRC PLANS
A600	WEST SQUARE INTERIOR ELEVATIONS & DETAILS
A601	WEST SQUARE DOOR SCHEDULE & PARTITION TYPES
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A901	WEST SQUARE SECOND FLOOR ADRC FINISH PLANS
A902	WEST SQUARE BASEMENT & FIRST FLOOR SIGNAGE PLANS
A903	WEST SQUARE SECOND FLOOR SIGNAGE PLANS
F001	FIRE PROTECTION GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
F200	SECOND FLOOR DEMOLITION PLAN - FIRE PROTECTION
F300	SECOND FLOOR PLAN - FIRE PROTECTION
P001	PLUMBING GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
P100	TOILET ROOMS DEMOLITION AND NEW WORK PLANS - PLUMBING
P201	FIRST FLOOR DEMOLITION PLAN - PLUMBING
P202	SECOND FLOOR DEMOLITION PLAN - PLUMBING
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P302	SECOND FLOOR PLAN - PLUMBING
M001	MECHANICAL GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
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M200	SECOND FLOOR DEMOLITION PLAN - MECHANICAL
M300	SECOND FLOOR PLAN - MECHANICAL
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E001	ELECTRICAL GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
E100	COURTHOUSE REMODEL - FIRST FLOOR TOILET ROOMS DEMOLITION AND NEW WORK PLANS - ELECTRICAL
E201	SECOND FLOOR DEMOLITION PLAN - LIGHTING
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E310	BASEMENT & FIRST FLOOR PLANS - ELECTRICAL
E311	SECOND FLOOR PLAN - POWER & SYSTEMS



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SAUK COUNTY

SAUK COUNTY
WEST SQUARE OFFICE SUITE REMODEL DESIGN
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NOTE: ALL DIMENSIONS GIVEN SHALL BE CONSIDERED TO BE "I.F." OR VERIFY-IN-FIELD

12/15/2022 ADDENDUM #1

ICA NO. SCW 22-001

TITLE SHEET & SHEET INDEX

ISSUED FOR BID
11-30-2022

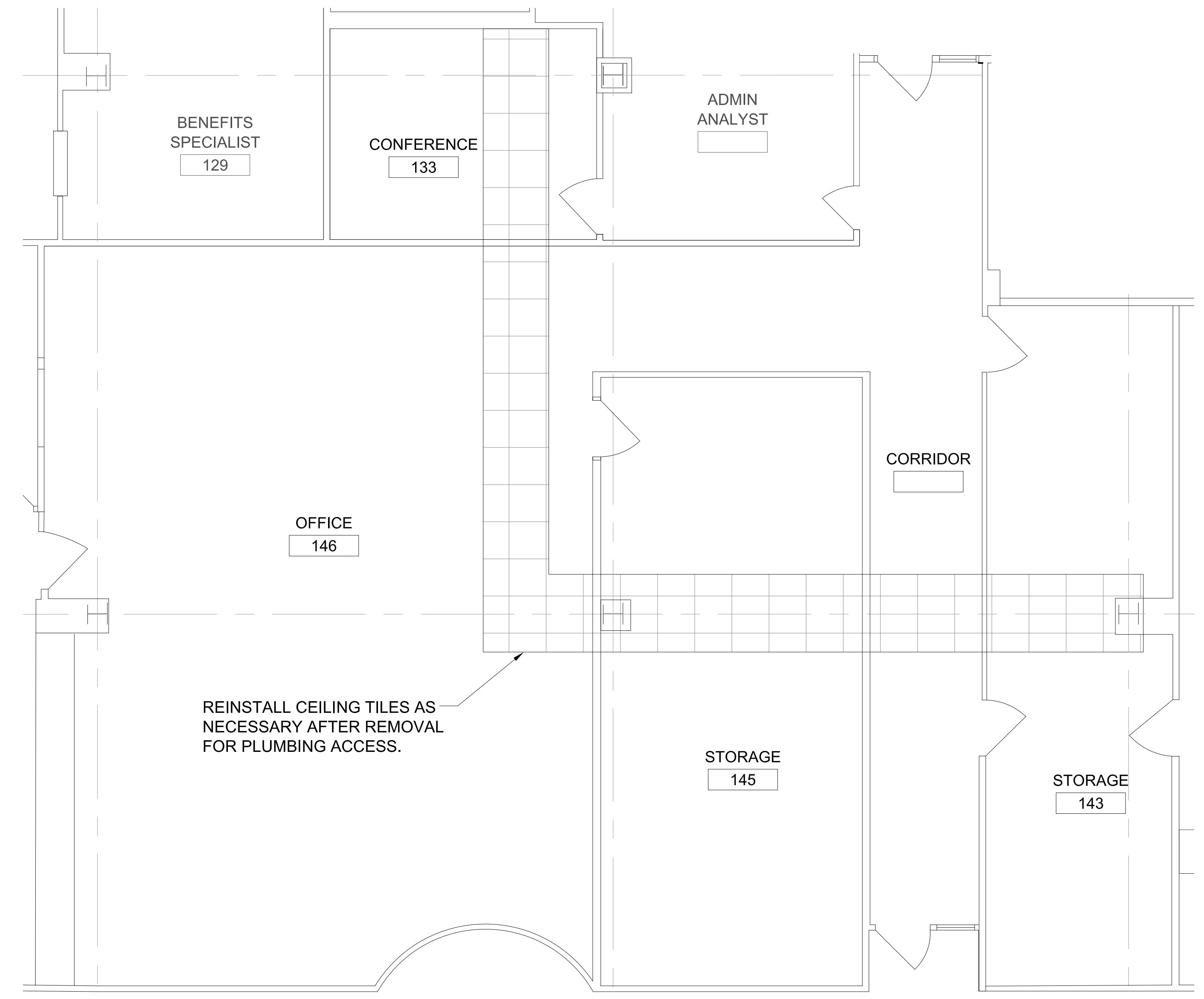
A001

CEILING PLAN LEGEND

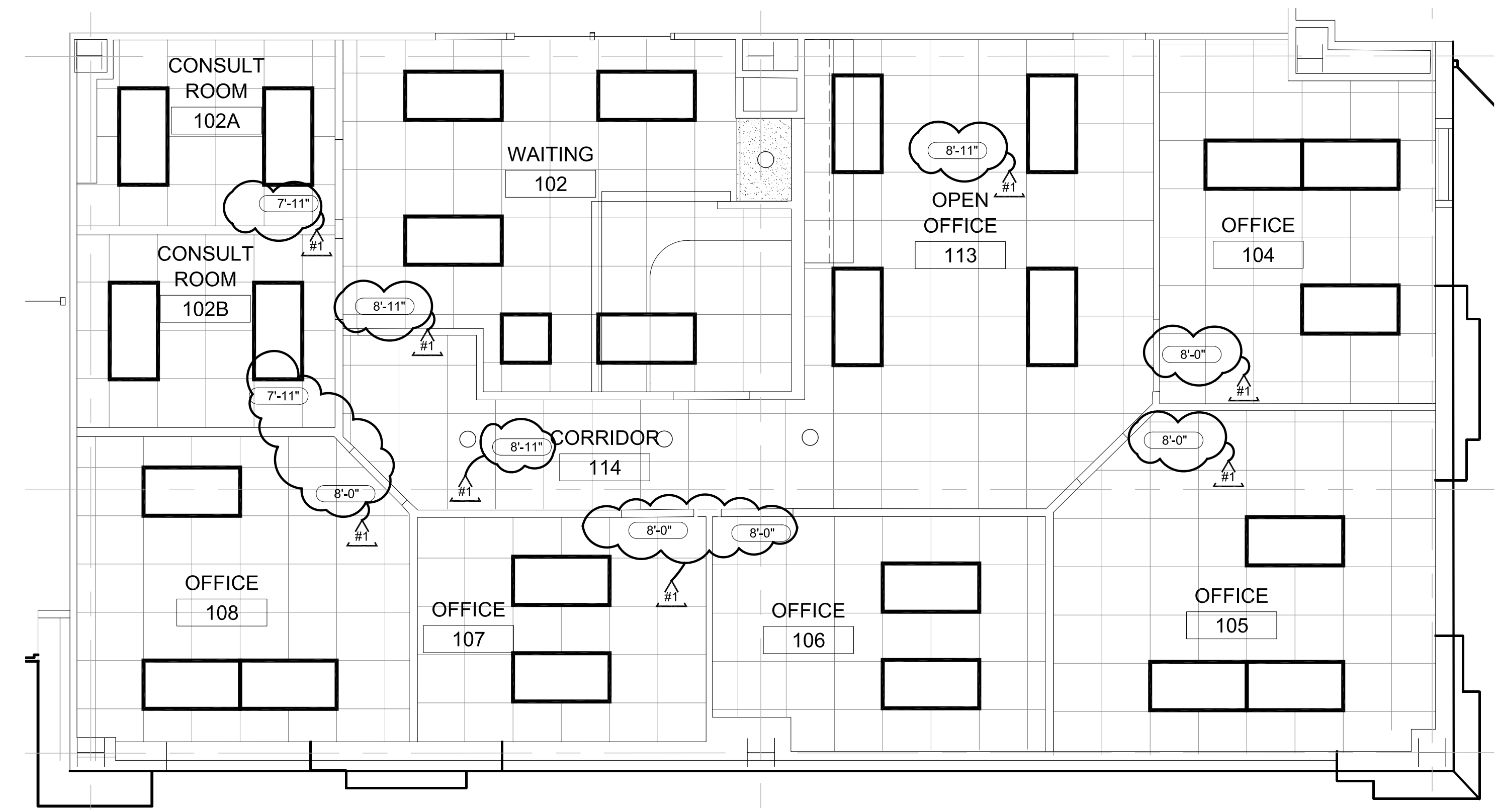
	NEW ACOUSTIC TILE CEILING & GRID (CEIL-1, GRID-1)		HVAC FIXTURES
	EXISTING TILES IN EXISTING GRID TO REMAIN		HVAC FIXTURES
	NEW TILES IN EXISTING GRID (CEIL-1)		FIRE SPRINKLER HEAD LOCATION
	EXISTING GYP CEILING TO REMAIN		EXISTING CEILING HEIGHT - VIF
	2' X 4' RECESSED LED		
	24" X 24" RECESSED LED		
	6" LED CAN DOWNLIGHT FIXTURE		
	COVE LIGHT FIXTURE		

REFLECTED CEILING PLAN NOTES

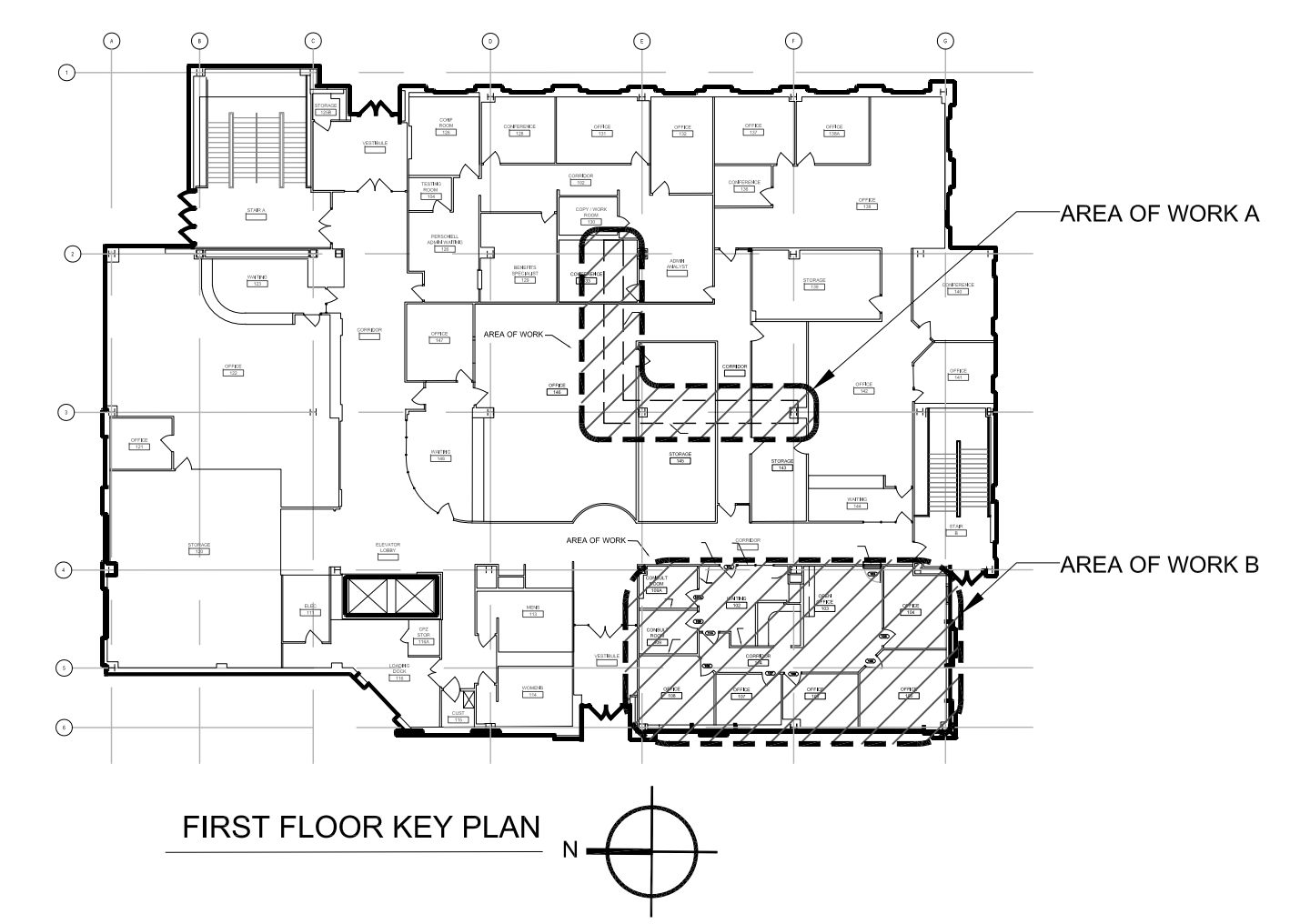
1. PATCH AND REPAIR ALL FINISHED CEILINGS AS NECESSARY AFTER MEP DEMO WORK.
2. REINSTALL CEILING GRID AT EXISTING HEIGHT.
3. DRAWINGS SHOW INTENDED COORDINATION OF MEP WORK IN CEILING. VERIFY ALL LAYOUTS WITH MEP DRAWINGS AND FIELD VERIFY LOCATIONS. REPORT ANY DISCREPANCIES.



2
 A801 **FIRST FLOOR REFLECTED CEILING PLAN - A**
 SCALE: 1/4" = 1'-0"



1
 A801 **FIRST FLOOR REFLECTED CEILING PLAN - B**
 SCALE: 1/4" = 1'-0"



FIRST FLOOR KEY PLAN

NOTE: ALL DIMENSIONS GIVEN SHALL BE CONSIDERED TO BE "V.I.F." OR VERIFY-IN-FIELD

12/15/2022 ADDENDUM #1

ICA NO. SCW 22-001
 WEST SQUARE FIRST FLOOR REFLECTED CEILING PLANS
 ISSUED FOR BID
 11-30-2022

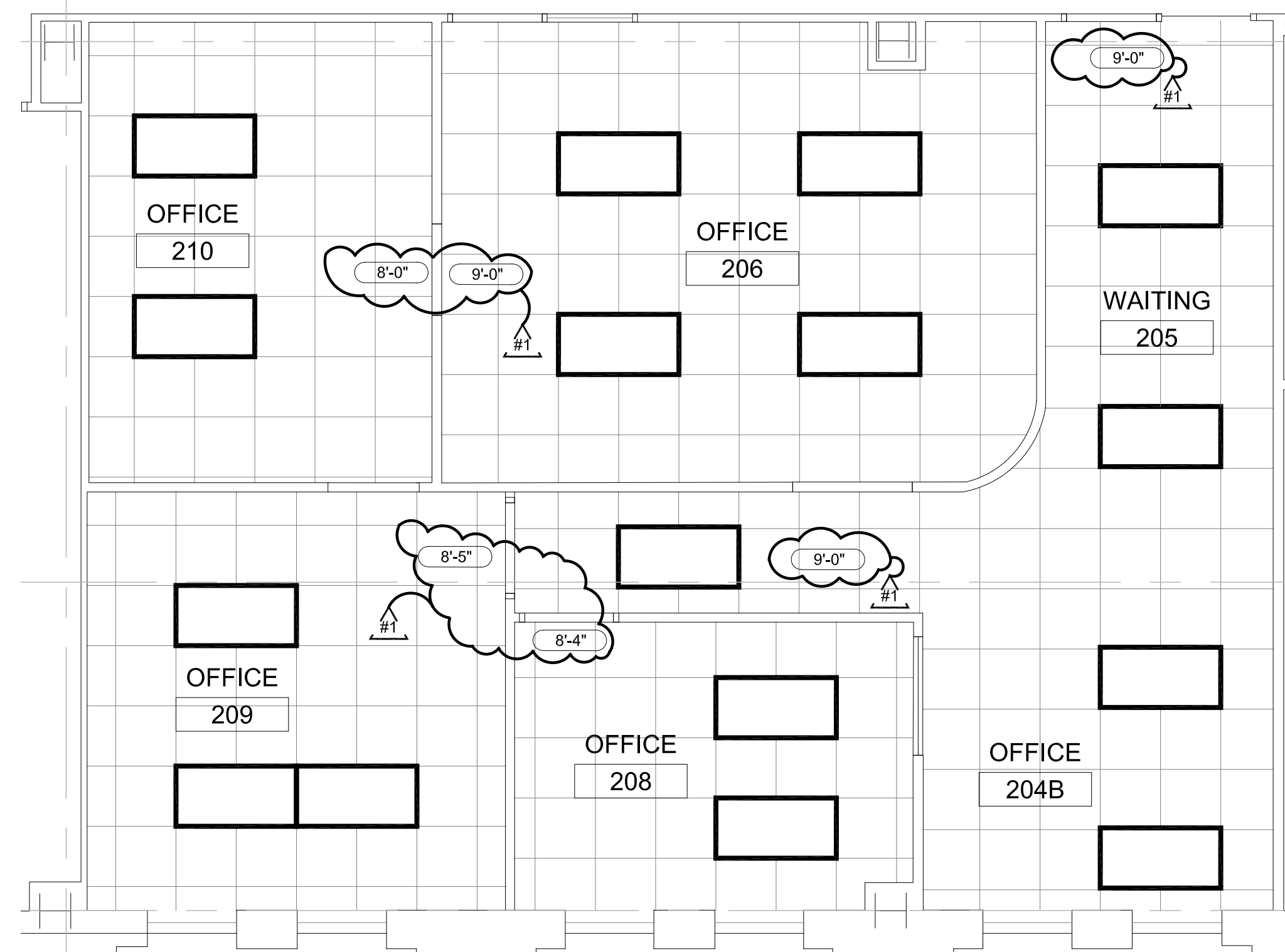
A801

REFLECTED CEILING PLAN NOTES

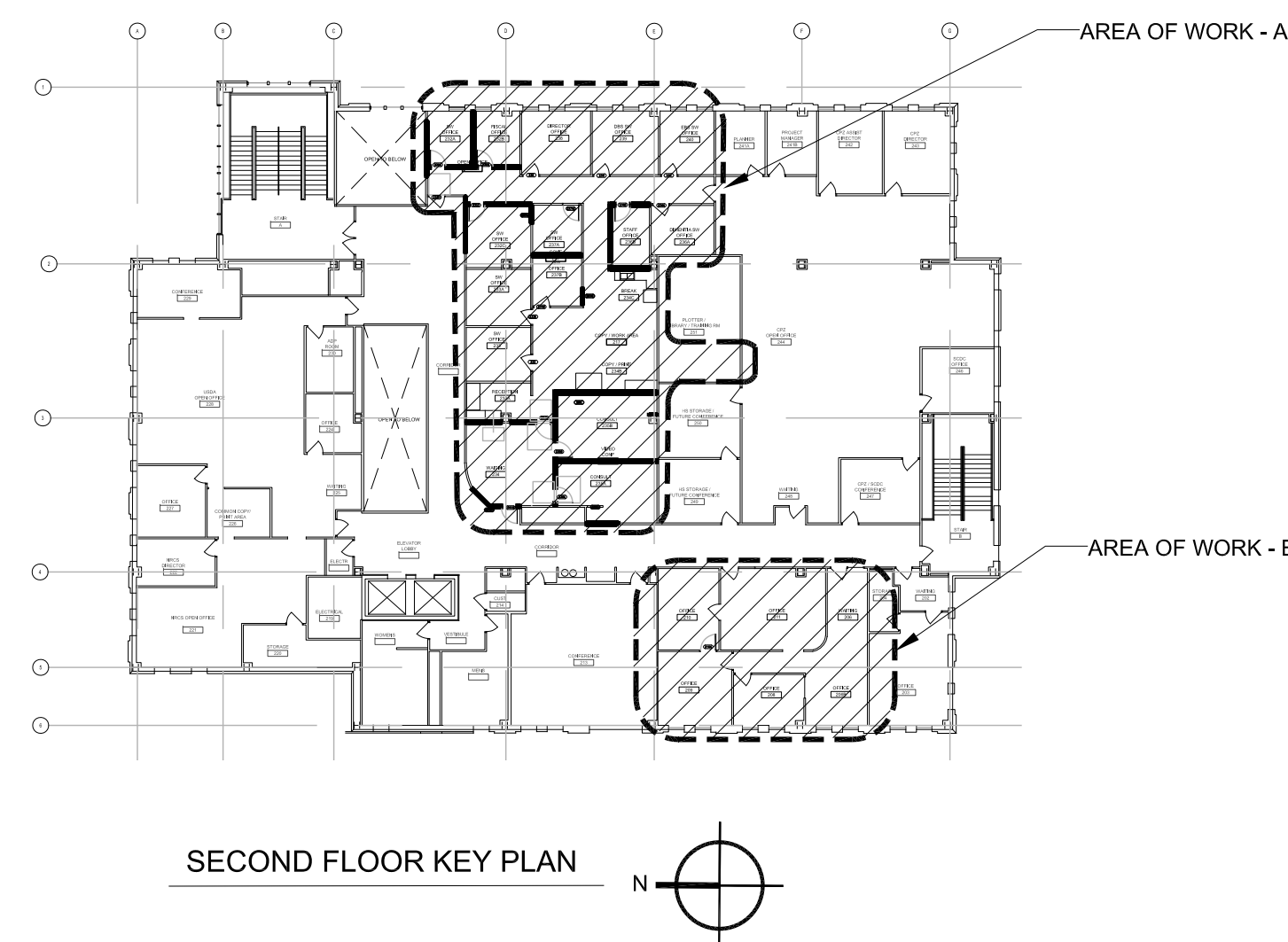
1. PATCH AND REPAIR ALL FINISHED CEILINGS AS NECESSARY AFTER MEP DEMO WORK.
2. REINSTALL CEILING GRID AT EXISTING HEIGHT.
3. DRAWINGS SHOW INTENDED COORDINATION OF MEP WORK IN CEILING. VERIFY ALL LAYOUTS WITH MEP DRAWINGS AND FIELD VERIFY LOCATIONS. REPORT ANY DISCREPANCIES.

CEILING PLAN LEGEND

	NEW ACOUSTIC TILE CEILING & GRID (CEIL-1, GRID-1)		HVAC FIXTURES
	EXISTING TILES IN EXISTING GRID TO REMAIN		HVAC FIXTURES
	NEW TILES IN EXISTING GRID (CEIL-1)		FIRE SPRINKLER HEAD LOCATION
	EXISTING GYP CEILING TO REMAIN		EXISTING CEILING HEIGHT - VIF
	2' X 4' RECESSED LED		
	24' X 24' RECESSED LED		
	6' LED CAN DOWNLIGHT FIXTURE		
	COVE LIGHT FIXTURE		



2 WEST SQUARE 2ND FLOOR ADRC REFLECTED CEILING PLAN - B
SCALE: 1/4" = 1'-0"



SECOND FLOOR KEY PLAN



1 WEST SQUARE SECOND FLOOR ADRC REFLECTED CEILING PLAN - A
SCALE: 1/4" = 1'-0"

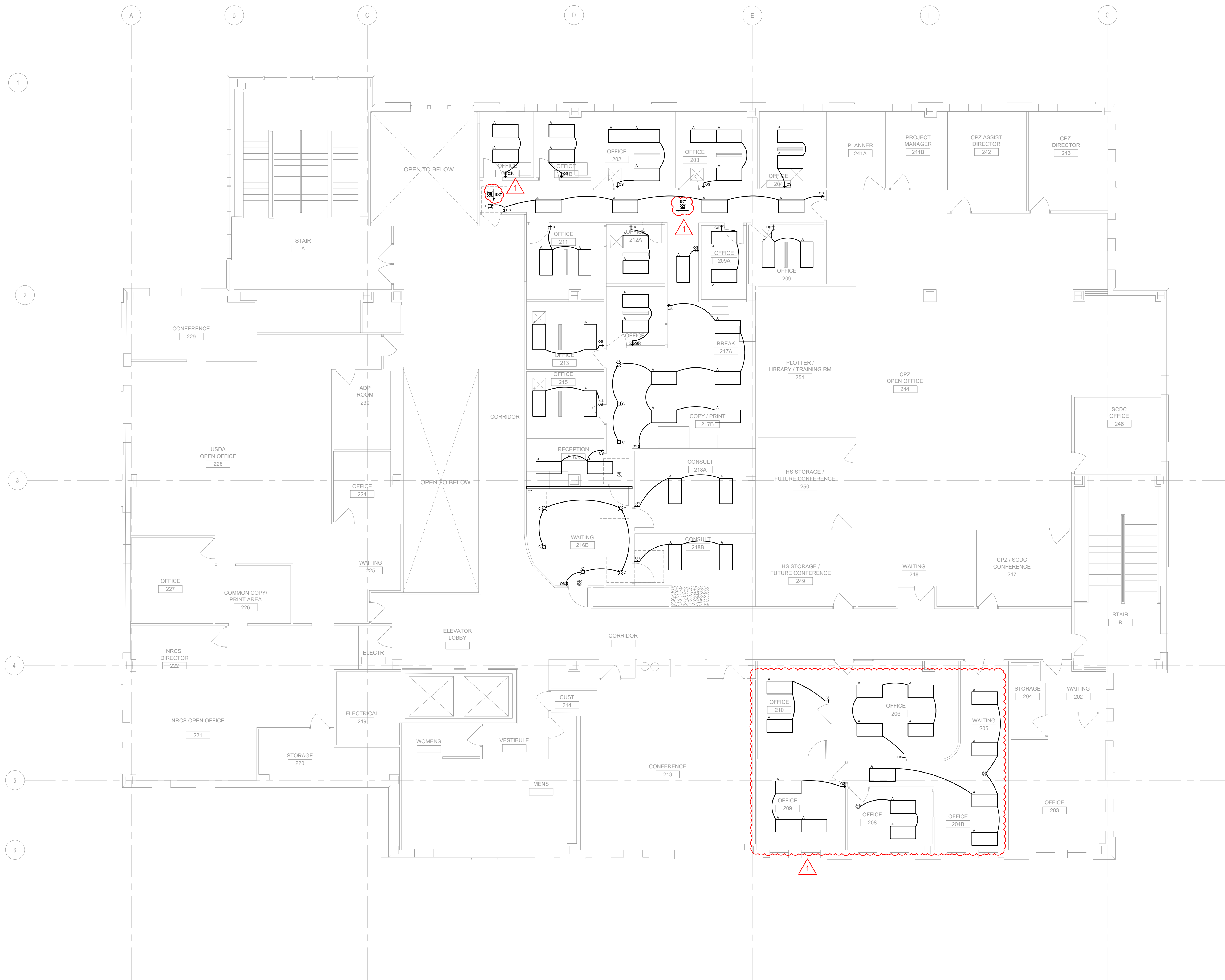
REINSTALL CEILING TILES AS NECESSARY AFTER REMOVAL FOR PLUMBING ACCESS.

NOTE: ALL DIMENSIONS GIVEN SHALL BE CONSIDERED TO BE "I.F." OR VERIFY-IN-FIELD

12/15/2022 ADDENDUM #1

ICA NO. SCW 22-001
WEST SQUARE SECOND FLOOR ADRC REFLECTED CEILING PLANS
ISSUED FOR BID
11-30-2022

A802



← NORTH
SECOND FLOOR PLAN - LIGHTING
 1/8"=1'-0"

LIGHT FIXTURE SCHEDULE						
Fixture Tag/ID	Description	Manufacturer	Model No	Lumens	Watts	Notes
A	LED 2X4 PANEL	LITHONIA	EPANL LED 2x4 3400LM 80 CRI 35k MVOLT	3400	29	
B	LED 2X2 PANEL	LITHONIA	EPANL LED 2x2 3400LM 80 CRI 35k MVOLT	3400	30	
C	6" DOWNLIGHT	LITHONIA	WF6 LED 35K 90CRI MW	1110	14	
D	8" DOWNLIGHT	LITHONIA	WF8 LED 35K 90CRI MW	1740	21	
E	LED 1X4 PANEL	LITHONIA	EPANL LED 1x4 4000LM 80 CRI 30k MVOLT	3659	37	
C7	RECESSED WALL WASH	WALLWASH PERFEKT	WWR-SL-375-80-40-TW2750-MAL-14-C-UNV-DP-1	4000	49	
EXT	EXIT SIGN	LITHONIA	EXRG M6	N/A	1	

NOTE: ALL DIMENSIONS GIVEN SHALL BE CONSIDERED TO BE "V.I.F." OR VERIFY-IN-FIELD

ICA NO. SCW 22-001
 SECOND FLOOR PLAN - LIGHTING

ADDENDUM 1
 12-15-2022

E301



INSITE CONSULTING ARCHITECTS

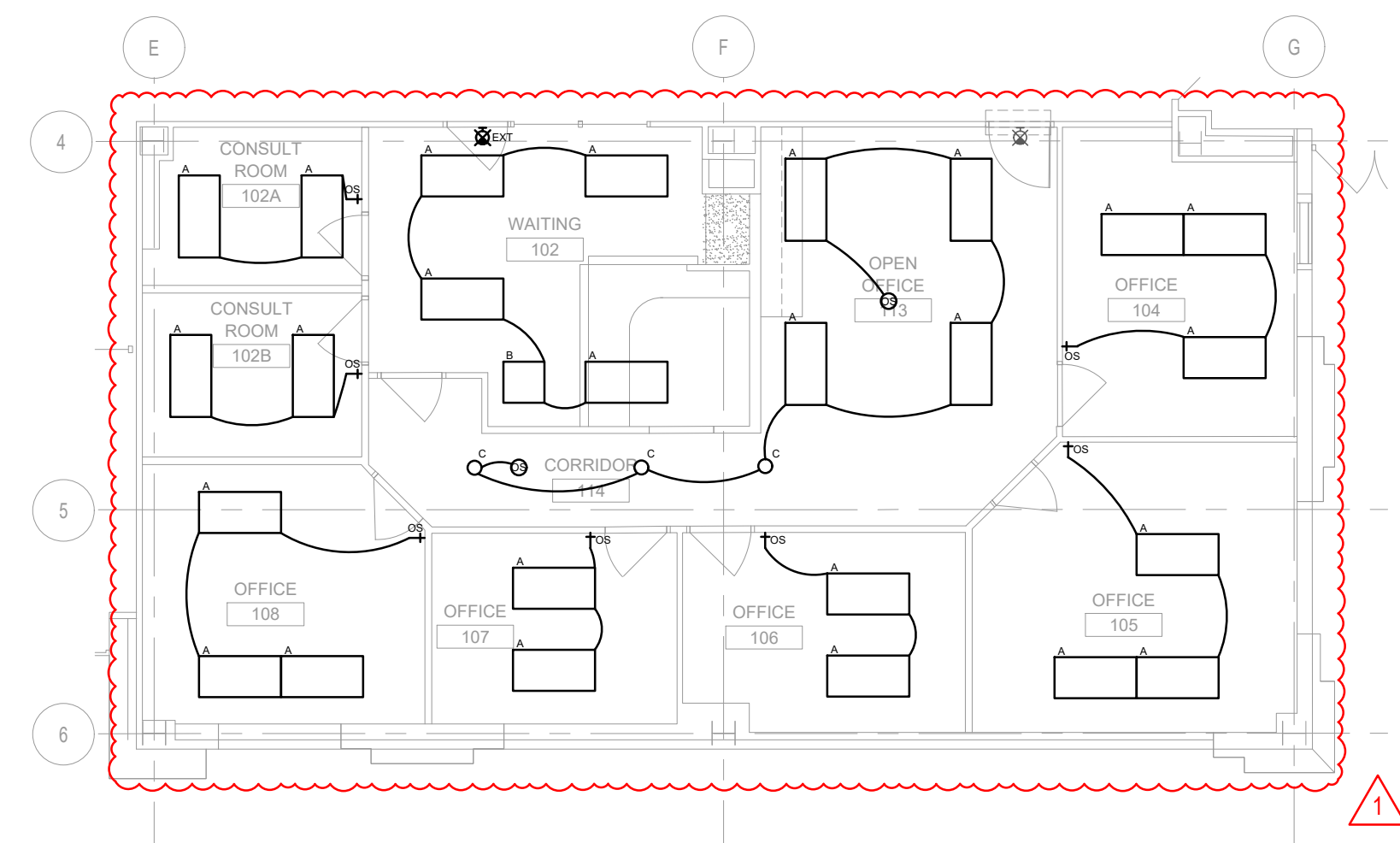
InSite Consulting Architects
744 Williamson St. /
Suite 101
Madison, Wisconsin
53703
608-204-0825
608-531-1533 (fax)
info@icsarc.com



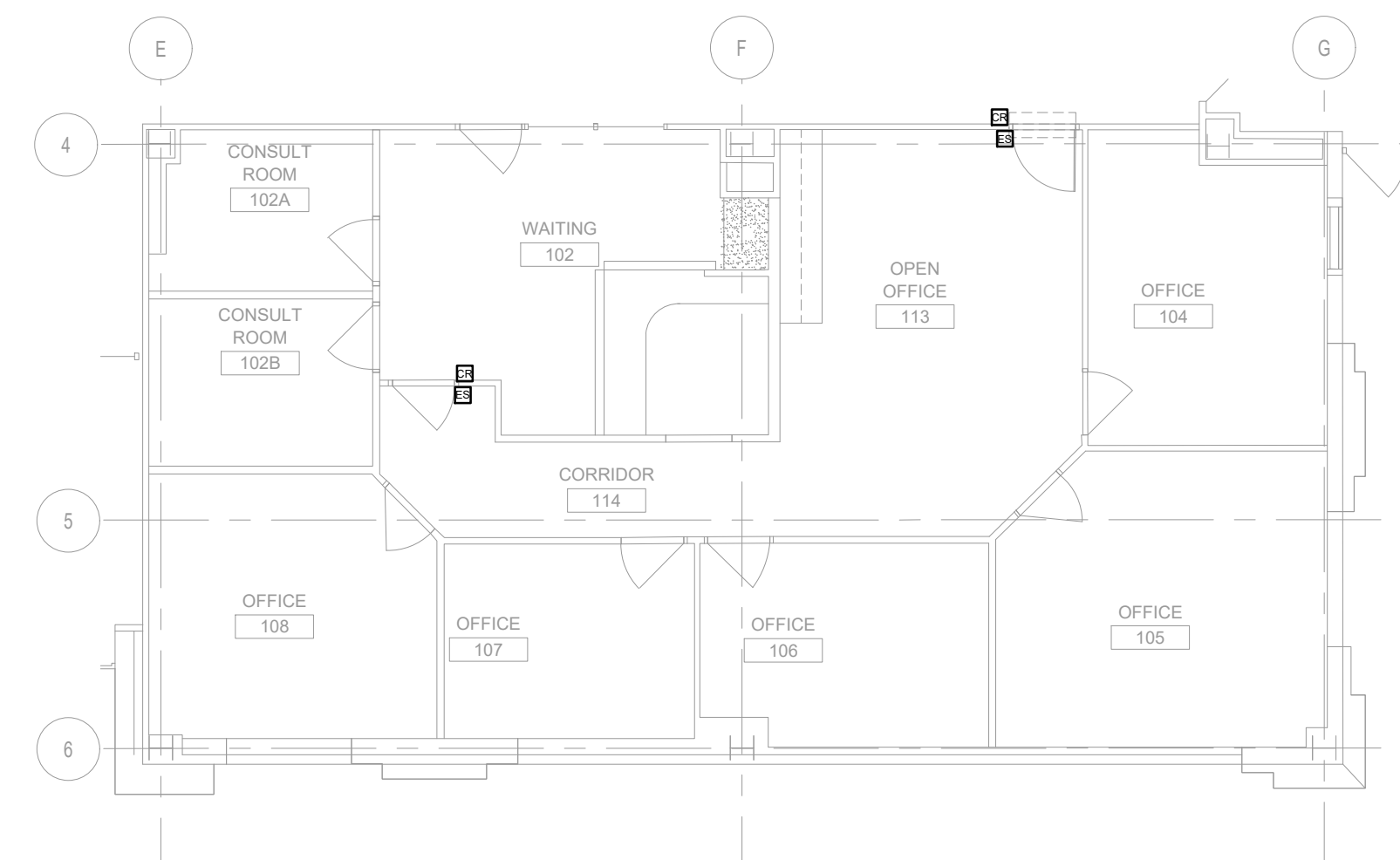
TAILORED
ENGINEERING
PROJECT #2208 1600 N High Point Rd Madison, WI 53762
P: 608.440.9594 W: www.tailoredeng.com

SAAK COUNTY

SAAK COUNTY
WEST SQUARE OFFICE SUITE REMODEL DESIGN
505 BROADWAY ST., BARABOO, WI 53913

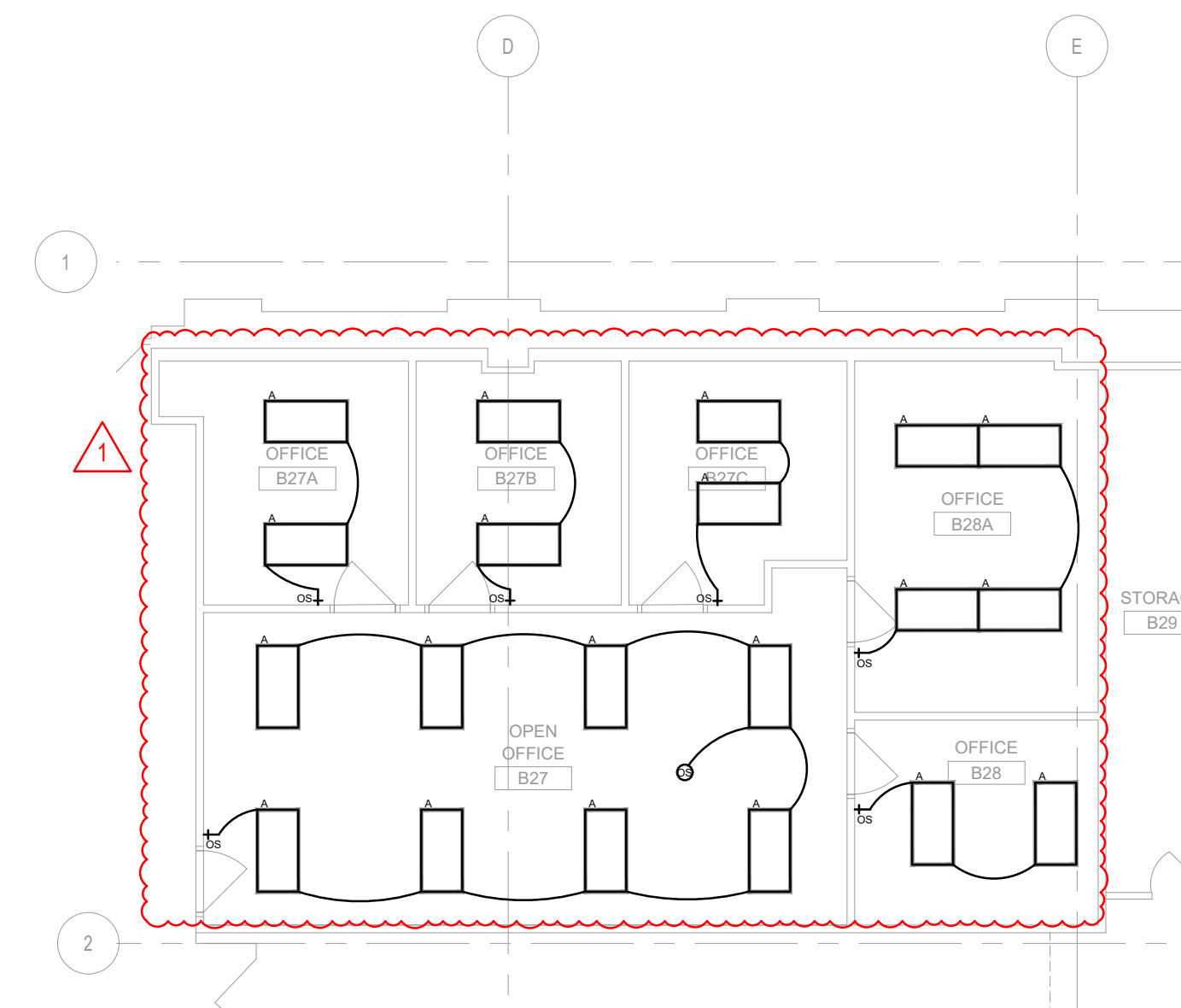


← NORTH
1/8"=1'-0"
FIRST FLOOR PLAN - LIGHTING



← NORTH
1/8"=1'-0"
FIRST FLOOR PLAN - POWER & SYSTEMS

LIGHT FIXTURE SCHEDULE						
Fixture Tag/ID	Description	Manufacturer	Model No	Lumens	Watts	Notes
A	LED 2x4 PANEL	LITHONIA	EPANL LED 2x4 3400LM 80 CRI 35k MVOLT	3400	29	
B	LED 2x2 PANEL	LITHONIA	EPANL LED 2x2 3400LM 80 CRI 35k MVOLT	3400	30	
C	6" DOWNLIGHT	LITHONIA	WF6 LED 35k 90CRI MW	1110	14	
D	8" DOWNLIGHT	LITHONIA	WF8 LED 35k 90CRI MW	1740	21	
E	LED 1x4 PANEL	LITHONIA	EPANL LED 1x4 4000LM 80 CRI 30k MVOLT	3659	37	
C7	RECESSED WALL WASH	WALLWASH PERFEKT	WWR-SL-375-80-40-TWZ750-MAL-14-C-UNV-DP-1	4000	49	
EXT	EXIT SIGN	LITHONIA	EXRG M6	N/A	1	



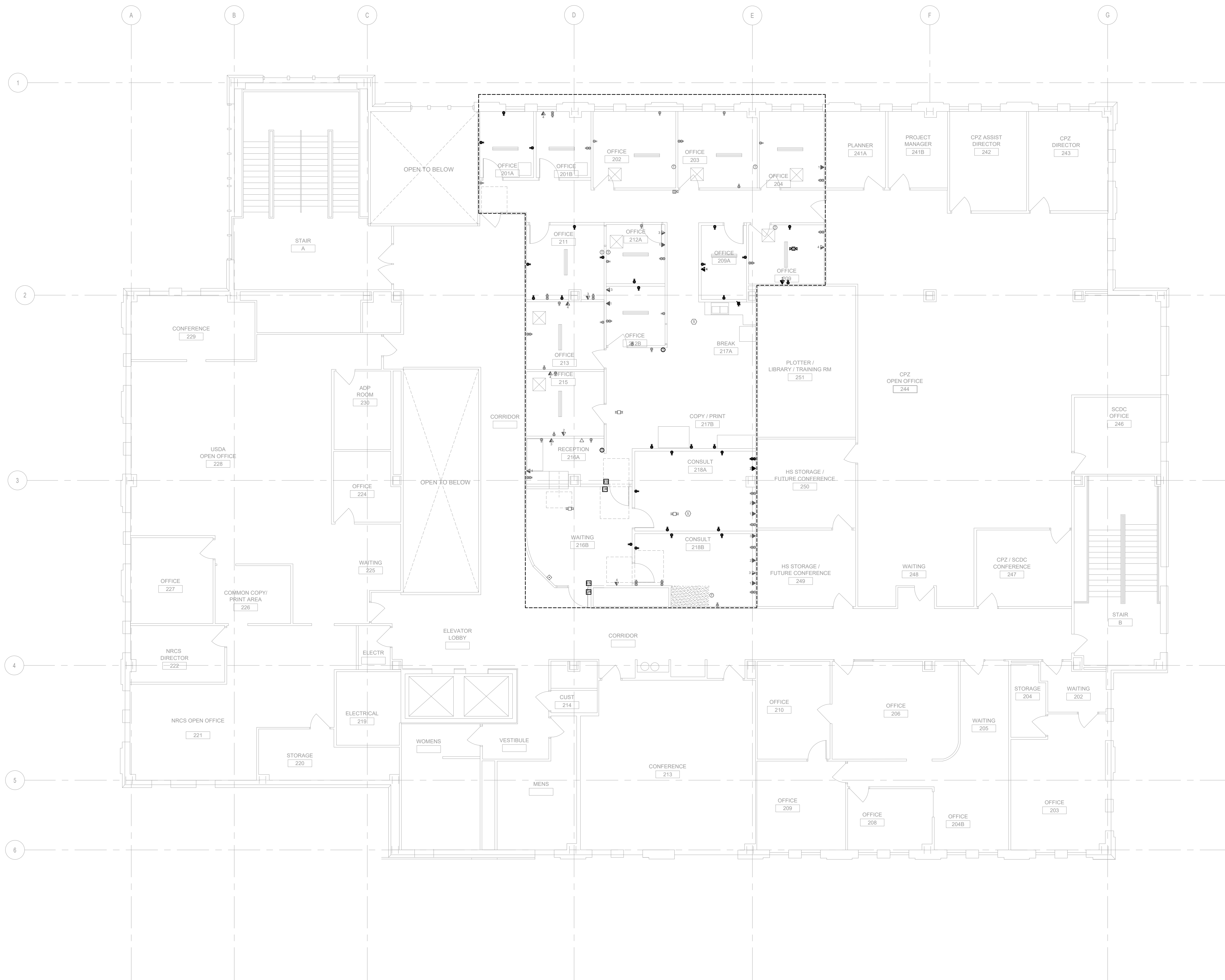
← NORTH
1/8"=1'-0"
BASEMENT FLOOR PLAN - LIGHTING

NOTE: ALL DIMENSIONS GIVEN SHALL BE CONSIDERED TO BE "V.I.F." OR VERIFY-IN-FIELD

ICA NO. SCW 22-001
BASEMENT & FIRST FLOOR
PLANS - ELECTRICAL

ADDENDUM 1
12-15-2022

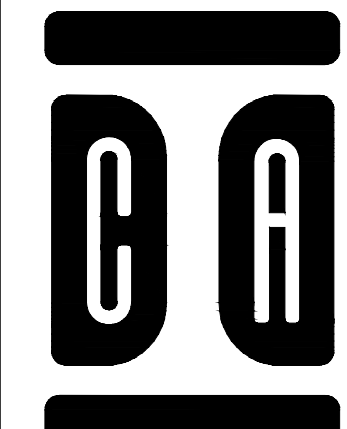
E310



SECOND FLOOR PLAN - POWER & SYSTEMS
1/8"=1'-0"

GENERAL NOTES:

1. DATA CONTRACTOR SHALL PULL TWO CABLES TO EACH DATA OUTLET LOCATION.



INSITE CONSULTING ARCHITECTS

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ICA NO. SCW 22-001

SECOND FLOOR PLAN - LIGHTING

ADDENDUM 1
12-15-2022

E311