



CHANGE BULLETIN 01

F.G.A. No. 21003

ROOMS TO GO – OFFICE RENOVATION & EXPANSION

Seffner, Florida

January 20, 2022

The following Change Bulletin 01 is made and hereby becomes part of the Contract Documents for the subject project as prepared by FleischmanGarcia Architects, 195 4th Avenue North, Safety Harbor, Florida 34695.

CHANGES TO SPECIFICATIONS

ARCHITECTURAL

Item 1: REVISED Specification Section 087100 – DOOR HARDWARE

CHANGES TO DRAWINGS

GENERAL

Item 2: Refer to Sheet G2.01 – Life Safety Plan – Level 1 East
ADD two (2) exit lights to Help Desk E101.

ARCHITECTURAL

Item 3: Refer to Sheet A2.01A – Demolition Plan A
DEMO existing door A102. DEMO existing window in room A102 and infill with same materials and finish as adjacent construction.

Item 4: Refer to Sheet A2.01C – Demolition Plan C
DEMO existing doors in offices C104 & C105. DEMO wall between offices C104 and C105. DEMO existing window in East wall of C113 and infill with same materials and finish as adjacent construction. REVISE south wall of Office C113 to show existing windows and doors to remain.

Item 5: Refer to Sheet A2.01D– Demolition Plan D
DEMO existing low wall between column lines 32 and 33.

REG #AA C000123

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- Item 6: Refer to Sheet A2.10A – Construction Plan A
ADD new sliding door A102
- Item 7: Refer to Sheet A2.10C – Construction Plan C
REVERSE door swing of existing door C134. REMOVE “Jan Area” from scope except for Door C137, Unisex C145 and Office C135. ADD Executive Area C105. REVISE south wall of Office C113 to reflect existing conditions. Doors C113A and C113B are existing doors to remain. Doors C104, C105, C106 and C106A are no longer in the project.
- Item 8: Refer to Sheet A2.10D – Construction Plan D
ADD new wall Type 1A between column lines 32 and 33. CHANGE doors D126 and D103A to swing out and pocket doors.
- Item 9: Refer to Sheet A3.01 – Finish Plan Overall
EXTEND carpet into new Executive Area C105. SHOW “Jan Area” as not in scope.
- Item 10: Refer to Sheet A4.01 – Opening Schedule & Details
REVISE door schedule to reflect access control changes and wall repairs. DELETE doors C104, C105, C106 and C106A from schedule.
- Item 11: Refer to Sheet A4.02 – Glazing Schedule, Opening Details & Signage
ADD Detail 23 Sliding Door Jamb Detail
- Item 12: Refer to Sheet A8.01C – Reflected Ceiling Plan C
EXTEND Corridor C107 ceiling into new Executive Area C105 and revise lighting. REVISE ceiling and lighting in C113 for the removal of Office C106. REMOVE track lighting and recessed lights in C113. REMOVE all new ceilings and lighting in “Jan Area” and show as “Not in Scope.”

MECHANICAL & ELECTRICAL

See attached narratives.

End of Change Bulletin 01



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January 17, 2022

Kathleen Pope
FLEISCHMAN GARCIA
324 Hyde Park Avenue Suite 300
Tampa, FL 33606

RE: Rooms To Go Office Buildout and Renovation
11540 Hwy. 92 E
Seffner, FL 33584
Change Bulletin 1 Narrative

Dear Kathleen,

Below is a summation of items that will be addressed in the Change Bulletin 1 submission on a sheet-by-sheet basis. If a sheet is not listed below, it is because there were no changes to that sheet.

Electrical Drawings

Dwg No	Description	Remarks
E1.10A	POWER PLAN – A	<ul style="list-style-type: none">Added keynotes regarding conduit for floorboxes
E1.10B	POWER PLAN – B	<ul style="list-style-type: none">Added keynotes regarding conduit for floorboxes
E1.10C	POWER PLAN – C	<ul style="list-style-type: none">Added general use receptacles to Fitness Center C140Adjusted Break Room D105 counter receptacles and showed as above/below counter as applicableUpdated device layout to new floor plan of Advertising Office C113 and Executive Area C105
E1.10D	POWER PLAN – D	<ul style="list-style-type: none">Overlap with Area C in Fitness Center C140 and Break Room D105Added keynotes regarding conduit for floorboxesUpdated circuit assigned to Office D117 and D118 to match panel schedule
E1.10E	POWER PLAN – E	<ul style="list-style-type: none">Added keynotes regarding conduit for floorboxes
E2.10A	LIGHTING PLAN – A	<ul style="list-style-type: none">Removed linear fixtures, added downlights in Corridor A202 per architectural RCPShifted linear fixtures in wider section of Corridor A202 to center of wider section per architectural RCPAdded occ sensor for auto-off control in Huddle A171Changed linear fixtures to downlights in Corridor A175 per architectural RCPChanged linear fixtures to downlights in Corridor A192 per architectural RCPAdded occ sensors for auto-off control in downlight section of Corridor A192

Dwg No	Description	Remarks
		<ul style="list-style-type: none"> • Shifted 2x2 troffers in Corridor A126 per architectural RCP • Adjusted 2x2 troffer to grid outside File Room A221 per architectural RCP
E2.10B	LIGHTING PLAN – B	<ul style="list-style-type: none"> • Adjusted downlights to center of grid tiles in Conference B103 per architectural RCP • Overlap with Area A outside File Room A221 • Adjusted 2x2 troffer to grid near Accounts Payable B105 per architectural RCP • Shifted linear fixtures in wider section of Corridor A202 to center of wider section per architectural RCP • Overlap with Area A in Corridor A202 changing linear fixtures to downlights per architectural RCP • Added downlight at end of Corridor A202 per architectural RCP • Added downlights in Waiting B166 per architectural RCP
E2.10C	LIGHTING PLAN – C	<ul style="list-style-type: none"> • Updated lighting layout to new floor plan of Advertising Office C113, Executive Area C105, and Corridor C107 • Removed lighting from scope in Conference C129, Offices C130, C131, C132, C133, Corridor C134, Work Area C137, File C138, and Break Room C139 • Added and adjusted 2x4 troffers in Lab D103, and Cats Circulation D103A per architectural RCP • Shifted 2x4 troffers in Cats C149 per architectural RCP • Adjusted 2x4 troffers to grid in Offices C146, C147, C148, and Huddle D104 per architectural RCP • Shifted 2x2 troffers in Break Room D101 per architectural RCP
E2.10D	LIGHTING PLAN – D	<ul style="list-style-type: none"> • Overlap with Area C in Cats C149, Offices C146, C147, C148, Huddle D104, Lab D103, and Cats Circulation D103A • Overlap with Area C in Break Room D101 • Shifted linear fixtures to center of Corridor D148 per architectural RCP • Added circuit grouping and circuits clarified in RFI#5 for Offices D117 and D118, War Room D119, Purchasing Storage D109, Infrastructure D125, Office D137, Huddle D138, Network Mgmt D139, and open office area adjacent to D137 • Added downlight near Breakroom D105 per architectural RCP • Added exit sign in Help Desk E101 per architectural RCP

Dwg No	Description	Remarks
E2.10E	LIGHTING PLAN – E	<ul style="list-style-type: none"> Added exit sign at other side of Help Desk E101 per architectural RCP
E6.02	ELECTRICAL SCHEDULES - SERVICE ONE	<ul style="list-style-type: none"> Updated load of ckt HF1-1
E6.03	ELECTRICAL SCHEDULES - SERVICE ONE	<ul style="list-style-type: none"> Added ckts HG1-4, LG1-71

Mechanical Drawings

Dwg No	Description	Remarks
M1.10C	HVAC PLAN – C	<ul style="list-style-type: none"> Removed all ductwork connected to RTU-49. Removed new ductwork from a portion of RTU-80 in work area C137, break room C139 and File C138. Connected existing duct to new duct main.
MD1.10C	DEMOLITION HVAC PLAN - C	<ul style="list-style-type: none"> Added existing supply and return ductwork of RTU-80. Showed which portions to demo as needed.

Please feel free to call me if you have any questions.

Sincerely,



Adam T. Powell, PE
Principal



Michael Costello, PE
Director of Mechanical Division

SECTION 087100 - DOOR HARDWARE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. This Section includes commercial door hardware for the following:
 - 1. Swinging doors.
 - 2. Sliding doors.
 - 3. Other doors to the extent indicated.
- B. Door hardware includes, but is not necessarily limited to, the following:
 - 1. Mechanical door hardware.
 - 2. Electromechanical door hardware.
 - 3. Cylinders specified for doors in other sections.
- C. Related Sections:
 - 1. Division 06 Section "Rough Carpentry".
 - 2. Division 06 Section "Finish Carpentry".
 - 3. Division 08 Section "Operations and Maintenance".
 - 4. Division 08 Section "Door Schedule".
 - 5. Division 08 Section "Hollow Metal Doors and Frames".
 - 6. Division 08 Section "Flush Wood Doors".
 - 7. Division 08 Section "Aluminum-Framed Entrances and Storefronts".
 - 8. Division 28 Section "Access Control Hardware Devices".
- D. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.
 - 1. ANSI A117.1 - Accessible and Usable Buildings and Facilities.
 - 2. ANSI/SDI A250.13 - Testing and Rating of Severe Windstorm Resistant Components for Swing Door Assemblies.
 - 3. ASTM E1886 - Test Method for Performance of Exterior Windows, Curtain Walls, Doors and Shutters Impacted by Missiles and Exposed to Cyclic Pressure Differentials.

4. ASTM E330 - Standard Test Method for Structural Performance of Exterior Windows, Curtain Walls, and Doors by Uniform Static Air Pressure difference.
 5. ASTM E1996 - Standard specification for performance of exterior windows, curtain walls, doors and storm shutters impacted by Windborne Debris in Hurricanes.
 6. ICC/IBC - International Building Code.
 7. NFPA 70 - National Electrical Code.
 8. NFPA 80 - Fire Doors and Windows.
 9. NFPA 101 - Life Safety Code.
 10. NFPA 105 - Installation of Smoke Door Assemblies.
 11. TAS-201-94 - Impact Test Procedures.
 12. TAS-202-94 - Criteria for Testing Impact and Non-Impact Resistant Building Envelope Components using Uniform Static Air Pressure.
 13. State Building Codes, Local Amendments.
- E. Standards: All hardware specified herein shall comply with the following industry standards as applicable. Any undated reference to a standard shall be interpreted as referring to the latest edition of that standard:
1. ANSI/BHMA Certified Product Standards - A156 Series.
 2. UL10C - Positive Pressure Fire Tests of Door Assemblies.
 3. ANSI/UL 294 - Access Control System Units.
 4. UL 305 - Panic Hardware.
 5. ANSI/UL 437- Key Locks.

1.3 SUBMITTALS

- A. Product Data: Manufacturer's product data sheets including installation details, material descriptions, dimensions of individual components and profiles, operational descriptions and finishes.
- B. Door Hardware Schedule: Prepared by or under the supervision of supplier, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final Door Hardware Schedule with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
1. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule."
 2. Organization: Organize the Door Hardware Schedule into door hardware sets indicating complete designations of every item required for each door or opening. Organize door hardware sets in same order as in the Door Hardware Sets at the end of Part 3. Submittals that do not follow the same format and order as the Door Hardware Sets will be rejected and subject to resubmission.
 3. Content: Include the following information:

- a. Type, style, function, size, label, hand, and finish of each door hardware item.
 - b. Manufacturer of each item.
 - c. Fastenings and other pertinent information.
 - d. Location of door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
 - e. Explanation of abbreviations, symbols, and codes contained in schedule.
 - f. Mounting locations for door hardware.
 - g. Door and frame sizes and materials.
 - h. Warranty information for each product.
4. Submittal Sequence: Submit the final Door Hardware Schedule at earliest possible date, particularly where approval of the Door Hardware Schedule must precede fabrication of other work that is critical in the Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the Door Hardware Schedule.
- C. Shop Drawings: Details of electrified access control hardware indicating the following:
1. Wiring Diagrams: Upon receipt of approved schedules, submit detailed system wiring diagrams for power, signaling, monitoring, communication, and control of the access control system electrified hardware. Differentiate between manufacturer-installed and field-installed wiring. Include the following:
 - a. Elevation diagram of each unique access controlled opening showing location and interconnection of major system components with respect to their placement in the respective door openings.
 - b. Complete (risers, point-to-point) access control system block wiring diagrams.
 - c. Wiring instructions for each electronic component scheduled herein.
 2. Electrical Coordination: Coordinate with related sections the voltages and wiring details required at electrically controlled and operated hardware openings.
- D. Proof of Qualification: Provide copy of manufacturer(s) Factory Trained Installer documentation indicating proof of status as a qualified installer of Windstorm assemblies.
- E. Keying Schedule: After a keying meeting with the owner has taken place prepare a separate keying schedule detailing final instructions. Submit the keying schedule in electronic format. Include keying system explanation, door numbers, key set symbols, hardware set numbers and special instructions. Owner must approve submitted keying schedule prior to the ordering of permanent cylinders/cores.
- F. Informational Submittals:
1. Hurricane Resistant Openings (State of Florida): Within the State of Florida, provide copy of current State of Florida Product Approval or Metro-Dade County

Notice of Acceptance (NOA) as proof of compliance that doors, frames and hardware for exterior opening assemblies have been tested and approved for use at the wind load and design pressure level requirements specified for the Project.

- a. Hurricane Resistant Components (State of Florida): Within the State of Florida, provide copy of independent, third party certified listing to ANSI A250.13.
 2. Product Test Reports: Indicating compliance with cycle testing requirements, based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified independent testing agency.
- G. Operating and Maintenance Manuals: Provide manufacturers operating and maintenance manuals for each item comprising the complete door hardware installation in quantity as required in Division 01, Closeout Procedures.

1.4 QUALITY ASSURANCE

- A. Manufacturers Qualifications: Engage qualified manufacturers with a minimum 5 years of documented experience in producing hardware and equipment similar to that indicated for this Project and that have a proven record of successful in-service performance.
- B. Certified Products: Where specified, products must maintain a current listing in the Builders Hardware Manufacturers Association (BHMA) Certified Products Directory (CPD).
- C. Installer Qualifications: A minimum 3 years documented experience installing both standard and electrified door hardware similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
- D. Door Hardware Supplier Qualifications: Experienced commercial door hardware distributors with a minimum 5 years documented experience supplying both mechanical and electromechanical hardware installations comparable in material, design, and extent to that indicated for this Project. Supplier recognized as a factory direct distributor by the manufacturers of the primary materials with a warehousing facility in Project's vicinity. Supplier to have on staff a certified Architectural Hardware Consultant (AHC) available during the course of the Work to consult with Contractor, Architect, and Owner concerning both standard and electromechanical door hardware and keying.
- E. Windstorm Assembly Installer Qualifications: Installers are to be factory trained for shop and field installation prior to project bid, and are responsible for commissioning, servicing, and warranting the installed equipment specified for the project. A pre-installation site inspection of the frame and floor conditions shall be conducted by the

factory trained installer prior to any Windstorm assembly hardware applied to the opening.

- F. Source Limitations: Obtain each type and variety of door hardware specified in this section from a single source unless otherwise indicated.
1. Electrified modifications or enhancements made to a source manufacturer's product line by a secondary or third party source will not be accepted.
 2. Provide electromechanical door hardware from the same manufacturer as mechanical door hardware, unless otherwise indicated.
- G. Hurricane Resistant Exterior Openings (State of Florida including the High Velocity Hurricane Zone (HVHZ)): Provide exterior door hardware as complete and tested assemblies, or component assemblies, including approved doors and frames specified under Section 081113 "Hollow Metal Doors and Frames", to meet the wind loads, design pressures, debris impact resistance, and glass and glazing requirements as detailed in the current State of Florida building code sections applicable to the Project.
1. Each unit to bear third party permanent label in accordance with the Florida Building Code requirements.
- H. Each unit to bear third party permanent label demonstrating compliance with the referenced standards.
- I. Keying Conference: Conduct conference to comply with requirements in Division 01 Section "Project Meetings." Keying conference to incorporate the following criteria into the final keying schedule document:
1. Function of building, purpose of each area and degree of security required.
 2. Plans for existing and future key system expansion.
 3. Requirements for key control storage and software.
 4. Installation of permanent keys, cylinder cores and software.
 5. Address and requirements for delivery of keys.
- J. Pre-Submittal Conference: Conduct coordination conference in compliance with requirements in Division 01 Section "Project Meetings" with attendance by representatives of Supplier(s), Installer(s), and Contractor(s) to review proper methods and the procedures for receiving, handling, and installing door hardware.
1. Prior to installation of door hardware, conduct a project specific training meeting to instruct the installing contractors' personnel on the proper installation and adjustment of their respective products. Product training to be attended by installers of door hardware (including electromechanical hardware) for aluminum, hollow metal and wood doors. Training will include the use of installation manuals, hardware schedules, templates and physical product samples as required.
 2. Inspect and discuss electrical roughing-in, power supply connections, and other preparatory work performed by other trades.

3. Review sequence of operation narratives for each unique access controlled opening.
 4. Review and finalize construction schedule and verify availability of materials.
 5. Review the required inspecting, testing, commissioning, and demonstration procedures
- K. At completion of installation, provide written documentation that components were applied to manufacturer's instructions and recommendations and according to approved schedule.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up and shelving for door hardware delivered to Project site. Do not store electronic access control hardware, software or accessories at Project site without prior authorization.
- B. Tag each item or package separately with identification related to the final Door Hardware Schedule, and include basic installation instructions with each item or package.
- C. Deliver, as applicable, permanent keys, cylinders, cores, access control credentials, software and related accessories directly to Owner via registered mail or overnight package service. Instructions for delivery to the Owner shall be established at the "Keying Conference".

1.6 COORDINATION

- A. Templates: Obtain and distribute to the parties involved templates for doors, frames, and other work specified to be factory prepared for installing standard and electrified hardware. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing hardware to comply with indicated requirements.
- B. Door Hardware and Electrical Connections: Coordinate the layout and installation of scheduled electrified door hardware and related access control equipment with required connections to source power junction boxes, low voltage power supplies, detection and monitoring hardware, and fire and detection alarm systems.
- C. Door and Frame Preparation: Doors and corresponding frames are to be prepared, reinforced and pre-wired (if applicable) to receive the installation of the specified electrified, monitoring, signaling and access control system hardware without additional in-field modifications.

1.7 WARRANTY

- A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under

other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.

- B. Warranty Period: Written warranty, executed by manufacturer(s), agreeing to repair or replace components of standard and electrified door hardware that fails in materials or workmanship within specified warranty period after final acceptance by the Owner. Failures include, but are not limited to, the following:
 - 1. Structural failures including excessive deflection, cracking, or breakage.
 - 2. Faulty operation of the hardware.
 - 3. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
 - 4. Electrical component defects and failures within the systems operation.
- C. Standard Warranty Period: One year from date of Substantial Completion, unless otherwise indicated.
- D. Special Warranty Periods:
 - 1. Five years for standard duty cylindrical (bored) locks and latches.
 - 2. Five years for exit hardware.
 - 3. Five years for manual overhead door closer bodies.
 - 4. Twenty five years for manual overhead door closer bodies.
 - 5. Five years for motorized electric latch retraction exit devices.
 - 6. Two years for electromechanical door hardware.

1.8 MAINTENANCE SERVICE

- A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

PART 2 - PRODUCTS

2.1 SCHEDULED DOOR HARDWARE

- A. General: Provide door hardware for each door to comply with requirements in Door Hardware Sets and each referenced section that products are to be supplied under.
- B. Designations: Requirements for quantity, item, size, finish or color, grade, function, and other distinctive qualities of each type of door hardware are indicated in the Door Hardware Sets at the end of Part 3. Products are identified by using door hardware designations, as follows:
 - 1. Named Manufacturer's Products: Product designation and manufacturer are listed for each door hardware type required for the purpose of establishing

requirements. Manufacturers' names are abbreviated in the Door Hardware Schedule.

- C. Substitutions: Requests for substitution and product approval for inclusive mechanical and electromechanical door hardware in compliance with the specifications must be submitted in writing and in accordance with the procedures and time frames outlined in Division 01, Substitution Procedures. Approval of requests is at the discretion of the architect, owner, and their designated consultants.

2.2 HANGING DEVICES

- A. Hinges: ANSI/BHMA A156.1 certified butt hinges with number of hinge knuckles and other options as specified in the Door Hardware Sets.
1. Quantity: Provide the following hinge quantity:
 - a. Two Hinges: For doors with heights up to 60 inches.
 - b. Three Hinges: For doors with heights 61 to 90 inches.
 - c. Four Hinges: For doors with heights 91 to 120 inches.
 - d. For doors with heights more than 120 inches, provide 4 hinges, plus 1 hinge for every 30 inches of door height greater than 120 inches.
 2. Hinge Size: Provide the following, unless otherwise indicated, with hinge widths sized for door thickness and clearances required:
 - a. Widths up to 3'0": 4-1/2" standard or heavy weight as specified.
 - b. Sizes from 3'1" to 4'0": 5" standard or heavy weight as specified.
 3. Hinge Weight and Base Material: Unless otherwise indicated, provide the following:
 - a. Exterior Doors: Heavy weight, non-ferrous, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate standard weight.
 - b. Interior Doors: Standard weight, steel, ball bearing or oil impregnated bearing hinges unless Hardware Sets indicate heavy weight.
 4. Hinge Options: Comply with the following:
 - a. Non-removable Pins: With the exception of electric through wire hinges, provide set screw in hinge barrel that, when tightened into a groove in hinge pin, prevents removal of pin while door is closed; for the all out-swinging lockable doors.
 5. Manufacturers:
 - a. Hager Companies (HA).
 - b. McKinney Products; ASSA ABLOY Architectural Door Accessories (MK).
 - c. Stanley Hardware (ST).

- B. Concealed Hinges: Hinges mortised into door and frame so that they are concealed when the door is closed. Hinges shall be adjustable three ways; vertically, horizontally and compression (in/out) capable of a 180 degree swing. Hinges are to be non-handed and available for hollow metal and steel covered composite fire doors rated up to 3 hours and for 20 minute wood core fire doors. Provide fastener type, size, and quantity as recommended by hinge manufacturer for properly installing concealed hinges in the door and frame type application. Provide steel receiver for metal door and frame cutouts for receiving concealed hinges.
1. Manufacturers:
 - a. McKinney Products; ASSA ABLOY Architectural Door Accessories (MK).
- C. Continuous Geared Hinges: ANSI/BHMA A156.26 Grade 1-600 certified continuous geared hinge. with minimum 0.120-inch thick extruded 6060 T6 aluminum alloy hinge leaves and a minimum overall width of 4 inches. Hinges are non-handed, reversible and fabricated to template screw locations. Factory trim hinges to suit door height and prepare for electrical cut-outs.
1. Manufacturers:
 - a. Hager Companies (HA).
 - b. Pemko Products; ASSA ABLOY Architectural Door Accessories (PE).
- D. Sliding and Folding Door Hardware: Hardware is to be of type and design as specified and should comply with ANSI/BHMA A156.14.
1. Bi-folding Door Hardware: Rated for door panels weighing up to 125 lb.
 2. Pocket Sliding Door Hardware: Rated for doors weighing up to 200 lb.
 3. Manufacturers:
 - a. Hager Companies (HA).
 - b. Pemko Products; ASSA ABLOY Architectural Door Accessories (PE).

2.3 POWER TRANSFER DEVICES

- A. Electrified Quick Connect Transfer Hinges: Provide electrified transfer hinges with Molex™ standardized plug connectors and sufficient number of concealed wires (up to 12) to accommodate the electrified functions specified in the Door Hardware Sets. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Wire nut connections are not acceptable.
1. Manufacturers:
 - a. Hager Companies (HA) - ETW-QC (# wires) Option.

- b. McKinney Products; ASSA ABLOY Architectural Door Accessories (MK) - QC (# wires) Option.
 - c. Stanley Hardware (ST) - C Option.
 - B. Electrified Quick Connect Continuous Geared Transfer Hinges: Provide electrified transfer continuous geared hinges with a removable service panel cutout accessible without de-mounting door from the frame. Furnish with Molex™ standardized plug connectors with sufficient number of concealed wires (up to 12) to accommodate the electrified functions specified in the Door Hardware Sets. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Wire nut connections are not acceptable.
 1. Manufacturers:
 - a. Pemko Products; ASSA ABLOY Architectural Door Accessories (PE) - SER-QC (# wires) Option.
 - C. Electric Door Wire Harnesses: Provide electric/data transfer wiring harnesses with standardized plug connectors to accommodate up to twelve (12) wires. Connectors plug directly to through-door wiring harnesses for connection to electric locking devices and power supplies. Provide sufficient number and type of concealed wires to accommodate electric function of specified hardware. Provide a connector for through-door electronic locking devices and from hinge to junction box above the opening. Wire nut connections are not acceptable. Determine the length required for each electrified hardware component for the door type, size and construction, minimum of two per electrified opening.
 1. Provide one each of the following tools as part of the base bid contract:
 - a. McKinney Products; ASSA ABLOY Architectural Door Accessories (MK) - Electrical Connecting Kit: QC-R001.
 - b. McKinney Products; ASSA ABLOY Architectural Door Accessories (MK) - Connector Hand Tool: QC-R003.
 2. Manufacturers:
 - a. Hager Companies (HA) - Quick Connect.
 - b. McKinney Products; ASSA ABLOY Architectural Door Accessories (MK) - QC-C Series.
 - c. Stanley Hardware (ST) - WH Series.

2.4 DOOR OPERATING TRIM

- A. Door Push Plates and Pulls: ANSI/BHMA A156.6 certified door pushes and pulls of type and design specified in the Hardware Sets. Coordinate and provide proper width and height as required where conflicting hardware dictates.

1. Push/Pull Plates: Minimum .050 inch thick, size as indicated in hardware sets, with beveled edges, secured with exposed screws unless otherwise indicated.
2. Door Pull and Push Bar Design: Size, shape, and material as indicated in the hardware sets. Minimum clearance of 2 1/2-inches from face of door unless otherwise indicated.
3. Offset Pull Design: Size, shape, and material as indicated in the hardware sets. Minimum clearance of 2 1/2-inches from face of door and offset of 90 degrees unless otherwise indicated.
4. Fasteners: Provide manufacturer's designated fastener type as indicated in Hardware Sets.
5. Manufacturers:
 - a. Hiawatha, Inc. (HI).
 - b. Rockwood Products; ASSA ABLOY Architectural Door Accessories (RO).
 - c. Trimco (TC).

2.5 CYLINDERS AND KEYING

- A. General: Cylinder manufacturer to have minimum (10) years experience designing secured master key systems and have on record a published security keying system policy.
- B. Cylinder Types: Original manufacturer cylinders able to supply the following cylinder formats and types:
 1. Threaded mortise cylinders with rings and cams to suit hardware application.
 2. Rim cylinders with back plate, flat-type vertical or horizontal tailpiece, and raised trim ring.
 3. Bored or cylindrical lock cylinders with tailpieces as required to suit locks.
 4. Tubular deadlocks and other auxiliary locks.
 5. Mortise and rim cylinder collars to be solid and recessed to allow the cylinder face to be flush and be free spinning with matching finishes.
- C. Patented Cylinders: ANSI/BHMA A156.5, Grade 1 Certified Products Directory (CPD) listed cylinders employing a utility patented and restricted keyway requiring the use of a patented key. Cylinders are to be protected from unauthorized manufacture and distribution by manufacturer's United States patents.
 1. Patented key systems shall not be established with products that have an expired patent. Expired systems shall only be specified and supplied to support existing systems.
 2. Manufacturers:
 - a. Medeco (MC) - X4.
- D. Keying System: Each type of lock and cylinders to be factory keyed.

1. Supplier shall conduct a "Keying Conference" to define and document keying system instructions and requirements.
2. Furnish factory cut, nickel-silver large bow permanently inscribed with a visual key control number as directed by Owner.
3. Existing System: Field verify and key cylinders to match Owner's existing system.

E. Key Quantity: Provide the following minimum number of keys:

1. Change Keys per Cylinder: Two (2)
2. Master Keys (per Master Key Level/Group): Five (5).
3. Construction Keys (where required): Ten (10).

F. Construction Keying: Provide construction master keyed cylinders.

G. Key Registration List (Bitting List):

1. Provide keying transcript list to Owner's representative in the proper format for importing into key control software.
2. Provide transcript list in writing or electronic file as directed by the Owner.

2.6 KEY CONTROL

P. Electronic Key Management System: Provide an electronic key control system with Stand-alone Plug and Play features including advanced RFID technology. Touchscreen interface with PIN access for keys individually locked in place. Minimum 1,000 system users and 21 iFobs for locking receptors. System shall have a minimum 250,000 audit events screen displayed or ability to be exported via USB port.

1. Manufacturers:
 - a. Medeco (MC).
 - b. Traka (TA).

2.7 MECHANICAL LOCKS AND LATCHING DEVICES

A. Mortise Locksets, Grade 1 (Heavy Duty): ANSI/BHMA A156.13, Series 1000, Operational Grade 1 Certified Products Directory (CPD) listed. Locksets are to be manufactured with a corrosion resistant steel case and be field-reversible for handing without disassembly of the lock body.

1. Where specified, provide status indicators with highly reflective color and wording for "locked/unlocked" or "vacant/occupied" with custom wording options if required. Indicator to be located above the cylinder with the inside thumb-turn not blocking the visibility of the indicator status. Indicator window size to be a minimum of 2.1" x 0.6" with a curved design allowing a 180 degree viewing angle with protective covering to prevent tampering.

2. Manufacturers:

- a. Corbin Russwin Hardware (RU) - ML2000 Series.
- b. Sargent Manufacturing (SA) - 8200 Series.
- c. Schlage (SC) - L9000 Series.

B. Cylindrical Locksets, Grade 2 (Standard Duty): ANSI/BHMA A156.2, Series 4000, Grade 2 Certified Products Directory (CPD) listed.

1. Locks are to be non-handed and fully field reversible.

2. Manufacturers:

- a. Corbin Russwin Hardware (RU) - CL3800 Series.
- b. Sargent Manufacturing (SA) - 7 Line.
- c. Schlage (SC) - ALX Series.

2.8 ELECTROMECHANICAL LOCKING DEVICES

2.9 AUXILIARY LOCKS

A. Mortise Deadlocks, Small Case: ANSI/BHMA A156.36, Grade 1, small case mortise type deadlocks constructed of heavy gauge wrought corrosion resistant steel. Steel or stainless steel bolts with a 1" throw and hardened steel roller pins. Deadlocks to be products of the same source manufacturer and keyway as other specified locksets.

1. Manufacturers:

- a. Corbin Russwin Hardware (RU) - DL4000 Series.
- b. Sargent Manufacturing (SA) - 4870 Series.
- c. Schlage (SC) - L460 Series.

2.10 LOCK AND LATCH STRIKES

A. Strikes: Provide manufacturer's standard strike with strike box for each latch or lock bolt, with curved lip extended to protect frame, finished to match door hardware set, unless otherwise indicated, and as follows:

1. Flat-Lip Strikes: For locks with three-piece antifriction latchbolts, as recommended by manufacturer.
2. Extra-Long-Lip Strikes: For locks used on frames with applied wood casing trim.
3. Aluminum-Frame Strike Box: Provide manufacturer's special strike box fabricated for aluminum framing.
4. Double-lipped strikes: For locks at double acting doors. Furnish with retractable stop for rescue hardware applications.

B. Standards: Comply with the following:

1. Strikes for Mortise Locks and Latches: BHMA A156.13.
2. Strikes for Bored Locks and Latches: BHMA A156.2.
3. Strikes for Auxiliary Deadlocks: BHMA A156.36.
4. Dustproof Strikes: BHMA A156.16.

2.11 CONVENTIONAL EXIT DEVICES

A. General Requirements: All exit devices specified herein shall meet or exceed the following criteria:

1. At doors not requiring a fire rating, provide devices complying with NFPA 101 and listed and labeled for "Panic Hardware" according to UL305. Provide proper fasteners as required by manufacturer including sex nuts and bolts at openings specified in the Hardware Sets.
2. Where exit devices are required on fire rated doors, provide devices complying with NFPA 80 and with UL labeling indicating "Fire Exit Hardware". Provide devices with the proper fasteners for installation as tested and listed by UL. Consult manufacturer's catalog and template book for specific requirements.
3. Except on fire rated doors, provide exit devices with hex key dogging device to hold the pushbar and latch in a retracted position. Provide optional keyed cylinder dogging on devices where specified in Hardware Sets.
4. Devices must fit flat against the door face with no gap that permits unauthorized dogging of the push bar. The addition of filler strips is required in any case where the door light extends behind the device as in a full glass configuration.
5. Lever Operating Trim: Where exit devices require lever trim, furnish manufacturer's heavy duty escutcheon trim with threaded studs for thru-bolts.
 - a. Lock Trim Design: As indicated in Hardware Sets, provide finishes and designs to match that of the specified locksets.
 - b. Where function of exit device requires a cylinder, provide a cylinder (Rim or Mortise) as specified in Hardware Sets.
6. Vertical Rod Exit Devices: Where surface or concealed vertical rod exit devices are used at interior openings, provide as less bottom rod (LBR) unless otherwise indicated. Provide dust proof strikes where thermal pins are required to project into the floor.
7. Narrow Stile Applications: At doors constructed with narrow stiles, or as specified in Hardware Sets, provide devices designed for maximum 2" wide stiles.
8. Dummy Push Bar: Nonfunctioning push bar matching functional push bar.

9. Rail Sizing: Provide exit device rails factory sized for proper door width application.
 10. Through Bolt Installation: For exit devices and trim as indicated in Door Hardware Sets.
 11. Hurricane and Tornado Resistance Compliance: Conventional exit devices are to be U.L. listed for windstorm assemblies where applicable. Provide the appropriate hurricane or tornado resistant products that have been independent third party tested, certified, and labeled to meet state and local windstorm building codes applicable to project.
- B. Conventional Push Rail Exit Devices (Heavy Duty): ANSI/BHMA A156.3, Grade 1 Certified Products Directory (CPD) listed panic and fire exit hardware devices furnished in the functions specified in the Hardware Sets. Exit device latch to be stainless steel, pullman type, with deadlock feature.
1. Manufacturers:
 - a. Corbin Russwin Hardware (RU) - ED4000 / ED5000 Series.
 - b. Sargent Manufacturing (SA) - 80 Series.
 - c. Von Duprin (VD) - 35A/98 XP Series.

2.12 ELECTROMECHANICAL EXIT DEVICES

- A. Electromechanical Push Rail Exit Devices (Heavy Duty): ANSI/BHMA A156.3, Grade 1 Certified Products Directory (CPD) listed panic and fire exit hardware devices subject to same compliance standards and requirements as mechanical exit devices. Electrified exit devices to be of type and design as specified below and in the hardware sets.
1. Energy Efficient Design: Provide devices which have a holding current draw of 15mA maximum, and can operate on either 12 or 24 volts. Locks are to be field configurable for fail safe or fail secure operation.
 2. Where conventional power supplies are not sufficient, include any specific controllers required to provide the proper inrush current.
 3. Motorized Electric Latch Retraction: Devices with an electric latch retraction feature must use motors which have a maximum current draw of 600mA. Solenoid driven latch retraction is not acceptable.
 4. Manufacturers:
 - a. Corbin Russwin Hardware (RU) - ED5000 Series.
 - b. Sargent Manufacturing (SA) - 80 Series.
 - c. Von Duprin (VD) - 35A/98 XP Series.

2.13 DOOR CLOSERS

- A. All door closers specified herein shall meet or exceed the following criteria:
1. General: Door closers to be from one manufacturer, matching in design and style, with the same type door preparations and templates regardless of application or spring size. Closers to be non-handed with full sized covers.
 2. Standards: Closers to comply with UL-10C for Positive Pressure Fire Test and be U.L. listed for use of fire rated doors.
 3. Size of Units: Comply with manufacturer's written recommendations for sizing of door closers depending on size of door, exposure to weather, and anticipated frequency of use. Where closers are indicated for doors required to be accessible to the Americans with Disabilities Act, provide units complying with ANSI ICC/A117.1.
 4. Closer Arms: Provide heavy duty, forged steel closer arms unless otherwise indicated in Hardware Sets.
 5. Closers shall not be installed on exterior or corridor side of doors; where possible install closers on door for optimum aesthetics.
 6. Closer Accessories: Provide door closer accessories including custom templates, special mounting brackets, spacers and drop plates as required for proper installation. Provide through-bolt and security type fasteners as specified in the hardware sets.
- B. Door Closers, Surface Mounted (Large Body Cast Iron): ANSI/BHMA A156.4, Grade 1 Certified Products Directory (CPD) listed surface mounted, heavy duty door closers with complete spring power adjustment, sizes 1 thru 6; and fully operational adjustable according to door size, frequency of use, and opening force. Closers to be rack and pinion type, one piece cast iron body construction, with adjustable backcheck and separate non-critical valves for closing sweep and latch speed control.
1. Manufacturers:
 - a. Corbin Russwin Hardware (RU) - DC8000 Series.
 - b. LCN Closers (LC) - 4040XP Series.
 - c. Norton Door Controls (NO) - 9500 Series.
 - d. Sargent Manufacturing (SA) - 281 Series.
- C. Door Closers, Overhead Concealed (Narrow Profile): ANSI/BHMA 156.4 Grade 1 Certified Products Directory (CPD) listed door closers designed for narrow profile frames and doors. Closers to have fully concealed body in the frame head for offset hung applications, with separate and independent valves for closing speed and backcheck adjustments and a decorative cover plate.
1. Manufacturers:

- a. LCN Closers (LC) - 2030 Series.
- b. Rixson Door Controls (RF) - 91DCP Series.

2.14 ARCHITECTURAL TRIM

A. Door Protective Trim

1. General: Door protective trim units to be of type and design as specified below or in the Hardware Sets.
2. Size: Fabricate protection plates (kick, armor, or mop) not more than 2" less than door width (LDW) on stop side of single doors and 1" LDW on stop side of pairs of doors, and not more than 1" less than door width on pull side. Coordinate and provide proper width and height as required where conflicting hardware dictates. Height to be as specified in the Hardware Sets.
3. Where plates are applied to fire rated doors with the top of the plate more than 16" above the bottom of the door, provide plates complying with NFPA 80. Consult manufacturer's catalog and template book for specific requirements for size and applications.
4. Protection Plates: ANSI/BHMA A156.6 certified protection plates (kick, armor, or mop), fabricated from the following:
 - a. Stainless Steel: 300 grade, 050-inch thick.
5. Options and fasteners: Provide manufacturer's designated fastener type as specified in the Hardware Sets. Provide countersunk screw holes.
6. Manufacturers:
 - a. Hiawatha, Inc. (HI).
 - b. Rockwood Products; ASSA ABLOY Architectural Door Accessories (RO).
 - c. Trimco (TC).

2.15 DOOR STOPS AND HOLDERS

- A. General: Door stops and holders to be of type and design as specified below or in the Hardware Sets.
- B. Door Stops and Bumpers: ANSI/BHMA A156.16, Grade 1 certified door stops and wall bumpers. Provide wall bumpers, either convex or concave types with anchorage as indicated, unless floor or other types of door stops are specified in Hardware Sets. Do not mount floor stops where they will impede traffic. Where floor or wall bumpers are not appropriate, provide overhead type stops and holders.
 1. Manufacturers:

- a. Hiawatha, Inc. (HI).
- b. Rockwood Products; ASSA ABLOY Architectural Door Accessories (RO).
- c. Trimco (TC).

2.16 ARCHITECTURAL SEALS

- A. General: Thresholds, weatherstripping, and gasket seals to be of type and design as specified below or in the Hardware Sets. Provide continuous weatherstrip gasketing on exterior doors and provide smoke, light, or sound gasketing on interior doors where indicated. At exterior applications provide non-corrosive fasteners and elsewhere where indicated.
- B. Smoke Labeled Gasketing: Assemblies complying with NFPA 105 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for smoke control ratings indicated, based on testing according to UL 1784.
 1. Provide smoke labeled perimeter gasketing at all smoke labeled openings.
- C. Fire Labeled Gasketing: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to UL-10C.
 1. Provide intumescent seals as indicated to meet UL10C Standard for Positive Pressure Fire Tests of Door Assemblies, and NPFA 252, Standard Methods of Fire Tests of Door Assemblies.
- D. Sound-Rated Gasketing: Assemblies that are listed and labeled by a testing and inspecting agency, for sound ratings indicated.
- E. Replaceable Seal Strips: Provide only those units where resilient or flexible seal strips are easily replaceable and readily available from stocks maintained by manufacturer.
- F. Manufacturers:
 1. National Guard Products (NG).
 2. Pemko Products; ASSA ABLOY Architectural Door Accessories (PE).
 3. Reese Enterprises, Inc. (RE).

2.17 FABRICATION

- A. Fasteners: Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. Provide screws according to manufacturers recognized installation standards for application intended.

2.18 FINISHES

- A. Standard: Designations used in the Hardware Sets and elsewhere indicate hardware finishes complying with ANSI/BHMA A156.18, including coordination with traditional U.S. finishes indicated by certain manufacturers for their products.
- B. Provide quality of finish, including thickness of plating or coating (if any), composition, hardness, and other qualities complying with manufacturer's standards, but in no case less than specified by referenced standards for the applicable units of hardware
- C. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine scheduled openings, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance.
- B. Notify architect of any discrepancies or conflicts between the door schedule, door types, drawings and scheduled hardware. Proceed only after such discrepancies or conflicts have been resolved in writing.

3.2 PREPARATION

- A. Hollow Metal Doors and Frames: Comply with ANSI/DHI A115 series.
- B. Wood Doors: Comply with ANSI/DHI A115-W series.

3.3 INSTALLATION

- A. Install each item of mechanical and electromechanical hardware and access control equipment to comply with manufacturer's written instructions and according to specifications.
 - 1. Installers are to be trained and certified by the manufacturer on the proper installation and adjustment of fire, life safety, and security products including: hanging devices; locking devices; closing devices; and seals.
- B. Mounting Heights: Mount door hardware units at heights indicated in following applicable publications, unless specifically indicated or required to comply with governing regulations:

1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
 2. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
 3. Where indicated to comply with accessibility requirements, comply with ANSI A117.1 "Accessibility Guidelines for Buildings and Facilities."
 4. Provide blocking in drywall partitions where wall stops or other wall mounted hardware is located.
- C. Retrofitting: Install door hardware to comply with manufacturer's published templates and written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 9 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.
- D. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 7 Section "Joint Sealants."
- E. Storage: Provide a secure lock up for hardware delivered to the project but not yet installed. Control the handling and installation of hardware items so that the completion of the work will not be delayed by hardware losses before and after installation.

3.4 FIELD QUALITY CONTROL

- A. Field Inspection (Punch Report): Reference Division 01 Sections "Closeout Procedures". Produce project punch report for each installed door opening indicating compliance with approved submittals and verification hardware is properly installed, operating and adjusted. Include list of items to be completed and corrected, indicating the reasons or deficiencies causing the Work to be incomplete or rejected.
1. Organization of List: Include separate Door Opening and Deficiencies and Corrective Action Lists organized by Mark, Opening Remarks and Comments, and related Opening Images and Video Recordings.
 2. Submit documentation of incomplete items in the following formats:
 - a. PDF electronic file.
 - b. Electronic formatted file integrated with the Openings Studio™ door opening management software platform.

3.5 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.

3.6 CLEANING AND PROTECTION

- A. Protect all hardware stored on construction site in a covered and dry place. Protect exposed hardware installed on doors during the construction phase. Install any and all hardware at the latest possible time frame.
- B. Clean adjacent surfaces soiled by door hardware installation.
- C. Clean operating items as necessary to restore proper finish. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of owner occupancy.

3.7 DEMONSTRATION

- A. Instruct Owner's maintenance personnel to adjust, operate, and maintain mechanical and electromechanical door hardware.

3.8 DOOR HARDWARE SETS

- A. The hardware sets represent the design intent and direction of the owner and architect. They are a guideline only and should not be considered a detailed hardware schedule. Discrepancies, conflicting hardware and missing items should be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application and functionality.
 - 1. Quantities listed are for each pair of doors, or for each single door.
 - 2. The supplier is responsible for handing and sizing all products.
 - 3. Where multiple options for a piece of hardware are given in a single line item, the supplier shall provide the appropriate application for the opening.
 - 4. At existing openings with new hardware the supplier shall field inspect existing conditions prior to the submittal stage to verify the specified hardware will work as required. Provide alternate solutions and proposals as needed.
- B. Manufacturer's Abbreviations:

- 1. MK - McKinney
- 2. PE - Pemko
- 3. RO - Rockwood
- 4. SA - SARGENT
- 5. ET - Emtek

- 6. MC - Medeco
- 7. RF - Rixson
- 8. TA - Traka
- 9. SU - Securitron

Revised
Hardware Sets
Version 3: 01/19/2022

Set: 1.0

Doors: A100C
Description: LOBBY PR - EAC

Contractor:

1	Continuous Hinge	CFMZZHD1		PE	
1	Continuous Hinge (Elec)	CFMZZHD1 SER		PE	⚡
1	Concealed Vert Rod Exit, Exit Only	43 AD8410 EO	US32D	SA	
1	Concealed Vert Rod Exit, Nightlatch	43 55 56 AD8410 106 x 862	US32D	SA	⚡
2	Concealed Closer	91N / PH91 – 90N [special template]	626	RF	
2	Door Stop	409 / 446 as required	US26D	RO	
1	ElectroLynx Harness	QC-C1500 [PS to hinge]		MK	⚡
1	ElectroLynx Harness	QC-CXXP [Lock / exit to hinge]		MK	⚡
2	Position Switch	DPS-M/W-WH (as required)		SU	⚡
1	Power Supply	AQLX-E1 – Size as required		SU	⚡

OWNER:

1	Modeco Cylinder	100200 H – M4 Key System	26	MC	
1	Gasketing	By door / frame mfg			
1	Card Reader	SE RP40 / SE RP15 as req			⚡
1	Wiring Diagram	WD-SYSPK		SA	

Set: 2.0

Doors: X106

Description: EXT ELEC - ALUM – EAC

Contractor:

1	Continuous Hinge	CFMZZHD1		PE	
1	Continuous Hinge (Elec)	CFMZZHD1 SER		PE	⚡
1	Concealed Vert Rod Exit, Exit Only	43 AD8410 EO	US32D	SA	
1	Concealed Vert Rod Exit, Nightlatch	43 55 56 AD8410 106 x 862	US32D	SA	⚡
2	Sweep	3452AV		PE	
2	Door Closer	281 CPS	EN	SA	
2	Door Pull	BF168	US32D	RO	
1	Rain Guard	346C x LAR			
1	ElectroLynx Harness	QC-C1500 [PS to hinge]		MK	⚡
1	ElectroLynx Harness	QC-CXXP [Lock / exit to hinge]		MK	⚡
2	Position Switch	DPS-M/W-WH (as required)		SU	⚡
1	Power Supply	AQLX-E1 – Size as required		SU	⚡

OWNER:

1	Modeco Cylinder	100200 H – M4 Key System	26	MC	
1	Gasketing	By door / frame mfg			
1	Card Reader	SE RP40 / SE RP15 as req			⚡

Notes: Hardware listed for design criteria, confirm with specific door manufacturer the hardware requirements to meet specified windstorm rating - Provide 3rd party test results for confirmation.

Set: 2.1

Doors: X107

Description: EXT EGRESS - HM - EAC

Contractor:

1	Continuous Hinge (Elec)	CFMZZHD1 SER		PE	⚡
1	Rim Exit Device, Storeroom	43 55 56 WS 8804 ETL	US32D	SA	⚡
1	Door Closer	281 CPS	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Threshold	2005AT MSES25SS		PE	

1	Gasketing	303AS		PE	
1	Rain Guard	346C x LAR		PE	
1	Sweep	3452AV		PE	
1	ElectroLynx Harness	QC-C1500 [PS to hinge]		MK	⚡
1	ElectroLynx Harness	QC-CXXP [Lock / exit to hinge]		MK	⚡
2	Position Switch	DPS-M/W-WH (as required)		SU	⚡
1	Power Supply	AQLX-E1 – Size as required		SU	⚡

OWNER:

1	Modeco Cylinder	100200 H – M4 Key System	26	MC	
1	Card Reader	SE RP40 / SE RP15 as req			⚡

Notes: Hardware listed for design criteria, confirm with specific door manufacturer the hardware requirements to meet specified windstorm rating - Provide 3rd party test results for confirmation. Door normally closed and secured.

Authorized credential retracts the latchbolt to allow free entry, door relocks upon closing. REX (request to exit) switch in device rail allow for free exit at all times. Entry by key override at all times. Door is fail secure

Set: 3.0

Doors: D109

Description: STOR - RATED – EAC

Contractor:

1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
1	Gasketing	S88D		PE	

OWNER:

1	Access Control Cyl Lock	IN120-10G77 BIPS MB LL – By security Vendor			⚡
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Set: 4.0

Doors: B154

Description: STOR - RATED

Contractor:

1	Door Closer	281 Reg / PA	EN	SA	
3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Storeroom Lock	LC65G04 KL	US26D	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
1	Gasketing	S88D		PE	

OWNER:

1	Modeco Cylinder	100200 H – M4 Key System	26	MC	
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Set: 5.0

Doors: B102

Description: CORR – EAC

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Rim Exit Device, Passage	43 8815 ETP	US32D	SA	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
1	Silencer	608		RO	

Set: 5.1

Doors: A112, A115A, A132A, A192, B122, B134, B134A, B138, D125, E101, E101B, E108A


Description: CORR – EAC - WIFI

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	

3	Silencer	608		RO	
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OWNER:

1	Access Control Rim Exit	43 IN120-8877 BIPS MB ETL		RO	
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Set: 6.0

Doors: A197, E114, E114A, E139, E139A

Description: OPEN OFFICE - EAC

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	Cylinder Lock				
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Set: 6.1

Doors: A113A, B105, B127, B127A, B160, B160A, C137, D103, D105A, D115, D116, D120, D144, D148

Description: OPEN OFFICE – EAC - WIFI

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	Access Control Cyl Lock	IN120-10G77 BIPS MB LL – By security Vendor	US32D	SA	
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Set: 6.2

Doors: D103A, D126

Description: OPEN OFFICE – EAC - WIFI

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	Access Control rim Exit	43 IN120-8877 BIPS MB ETL		RO	
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Set: 7.0


Doors: E155

Description: ELEC / IDF – EAC

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Door Stop	409 / 446 as required	US26D	RO	
1	Gasketing	S88D		PE	

OWNER:

1	Access Control Rim Exit	43 IN120-8877 BIPS MB ETL		RO	
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Set: 8.0


Doors: D155A

Description: IDF - EAC [OHS]

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Gasketing	S88D		PE	

OWNER:

1	Access Control Cyl Lock	IN120-10G77 BIPS MB LL – By security Vendor	US32D	SA	
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Set: 9.0


Doors: B122A, B130, B166

Description: CORR

Contractor:

3	Hinge (heavy weight)	T4A3786 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	Access Control Rim Exit	43 IN120-8877 BIPS MB ETL		RO	
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Set: 10.0

Doors: D133

Description: MAIL - EAC

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	Office Lock	In stock lock			
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Set: 11.0

Doors: B153, E145A

Description: OPEN OFFICE

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	

3	Silencer	608		RO	
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OWNER:

1	Office Lock	LC 65G05 KL	US26D	SA	
1	Modeco Cylinder	100200 H – M4 Key System	26	MC	

Set: 13.0

Doors: B161C, D101A

Description: BREAK

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	Passage Latch	65U15 KL	US26D	SA	
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Set: 13.1

Doors: D101

Description: Break – Exit

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	RIM Exit				
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Set: 14.0

Doors: C128

Description: PRINT

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
3	Silencer	608		RO	

OWNER:

1	Access Control Cyl Lock	IN120-10G77 BIPS MB LL – By security Vendor	US26D	SA	⚡
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Set: 15.0

Doors: C140

Description: FITNESS

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Pull Plate	BF 110 x 70C	US32D	RO	
1	Push Plate	70C	US32D	RO	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

Set: 16.0

Doors: E136

Description: OFFICE - EAC

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
1	Gasketing	S88D		PE	
1	Sweep	29326CNB		PE	

OWNER:

1	Office Lock	LC 65G05 KL	US26D	SA	
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Set: 16.1

Doors: D122, D159, E142

Description: OFFICE – EAC – WIFI

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
1	Gasketing	S88D		PE	
1	Sweep	29326CNB		PE	

OWNER:

1	Access Control Cyl Lock	IN120-10G77 BIPS MB LL – By security Vendor	US26D	SA	⚡
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Set: 17.0

Doors: A221

Description: SGL - EAC

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	Office Lock	LC 65G05 KL	US26D	SA	
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Set: 17.1

Doors: B173, C142, E108

Description: SGL – EAC - WIFI

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
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1	Door Closer	281 Reg / PA	EN	SA	
1	Kick Plate	K1050 10" x 2" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	Access Control Cyl Lock	IN120-10G77 BIPS MB LL – By security Vendor	US26D	SA	⚡
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Set: 18.0

Doors: A172, B141, E106, E170

Description: STOR

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	Storeroom Lock	LC 65G04 KL	US26D	SA	
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Set: 19.0

Doors: C144, E171

Description: JAN

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Mop Plate	K1050 4" X 1" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
1	Gasketing	S88D		PE	

OWNER:

1	Storeroom Lock	LC 65G04 KL	US26D	SA	
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Set: 20.0

Doors: A122, A127, A128, A129, A142, A145, A146, A153, A154, A155, A184, A185, A196, A207, A219, B111, B112, B114, B115, B116, B117, B118, B119, B120, B123, B123A, B140, B143, B144, B145, B146, B147, B148, B151, B165, C117, C118, C123, C124, C125, C135, C151, D107, D113, D114, D117, D118, D119, D121, D123, D124,

D131, D137, D139, D145, D146, D153, D154, D160, E107, E109, E110, E113, E115, E116, E117, E118, E119, E120, E121, E124, E125, E129, E130, E131, E137, E138, E140, E141, E143, E144, E148, E149, E150, E151, E152, E153

Description: OFFICE

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	Office Lock	LC 65G06 KL	US26D	SA	
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Set: 20.1


Doors: A107, B139, B170, D134

Description: OFFICE - WIFI

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	Access Control Cyl Lock	IN120-10G77 BIPS MB LL – By security Vendor	US26D	SA	
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Set: 21.0

Doors: A100A

Description: WORK

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	Classroom Lock	LC 65G37 KL	US26D	SA	
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Set: 22.0

Doors: A173, A174, A176, A177, B155, B155A, B164, B168, B171, C120, C121, C122, C141A, C141B, C141C, C143, C145, C156, C157, C158, D141, D142, D143, D156, D157, E103, E104, E122, E123, E126, E128, E133, E134

Description: TOILET

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Mop Plate	K1050 4" X 1" LDW	US32D	RO	
1	Door Stop	409 / 446 as required	US26D	RO	
1	Gasketing	S88D		PE	
1	Sweep	29326CNB		PE	

OWNER:

1	Privacy Lock	V21 8265 LNL	US26D	SA	
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Set: 23.0

Doors: A119, A203, B128, B129, B131, B142, B166A, B166B, D108, D138, D147, D149, D150, D151, D155, D155B, E100, E106A, E112, E146, E147

Description: CONF / INTERVIEW

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	Passage Latch	65U15 KL	US26D	SA	
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Set: 23.1

Doors: B172, B172A, C109, D152

Description: CONF / INTERVIEW - WIFI

Contractor:

3	Hinge, Full Mortise	TA2714 4-1/2" x 4-1/2"	US26D	MK	
1	Door Stop	409 / 446 as required	US26D	RO	
3	Silencer	608		RO	

OWNER:

1	Access Control Cyl Lock	IN120-10G77 BIPS B LL	US26D	SA	
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Set: 24.0

Doors: A100B

Description: WORK [BLIND DOOR]

Contractor:

3	Hinge, Concealed	MK80A	Satin Chrome	MK	
1	Edge Pull	RM754 4"	US32D	RO	
3	Silencer	608		RO	

OWNER:

1	Mortise Deadbolt	4875		RO	
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Set: 25.0

Doors: B173A

Description: POCKET DOOR

Contractor:

1	Pocket Door Hdwe	PF28200A		PE	
1	Passage	XGT – 205 – PD9610 – A	630	XX	

OWNER:

1	Pocket door lock (Keyed)	2113	US15	ET	
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Set: 26.0

Doors: C109A

Description: CLOSET – BI-FOLD

Contractor:

1	Bifold Door Set	HF4/100A/XX		PE	
1	Pull	RM1200-6	US32D	RO	

Set: 27.0

Doors: B167

Description: CASSED OPEN

1	Cased Open				
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Set: 28.0

Doors: A113

Description: EXISTING – EAC - WIFI

OWNER:

1	Access Control Rim Exit	43 IN120-8877 BIPS MB ETL		RO	⚡
1	Existing – Balance	Balance of Existing Hardware to remain			

Set: 29.0

Doors: A114, A124, A125, A136, A141, A143, A144, A147, A148, A150A, A151, A152, A158, A175, A180, A180A, A181, A193, A194, A195, A202A, A205, A206, A208, A211, A212, A213, A214, A214A, A216, A217, A218, B100, B106, B108, B109, B135, B136, B137, B149, B161, B161A, B161B, B162, B163, B169, C108, C110, C111, C113, C113A, C113B, C114A, C115, C129, C130, C131, C132, C138, C141, C146, C147, C148, C150, C152, C154, C155, C159, D102, D104, D111, D112, D127, D128, D129, D133A, D135, D136, E145B

Description: EXISTING

All Existing Hardware to Remain

Contractor will clean and repair as necessary.

Set: 29.1

Doors: A101, A103, A104, A105, A106, A108, A109, A110, A111, A116, A116A, A117, A120, A121, A130, A131, A135, A137, A156, A157, A159, A160, A161, A162, A163, A164, A165, A166, A167, A168, A169, A170, A178, A179, A181, A182, A189, A190, A190A, A198, A199, A201, A215, A220, A220A, B150, C100, C101, C102, C103, C133, D130, D132, E145

Description: EXISTING -WIFI

All Existing Hardware to Remain

OWNER:

1	Access Control Cyl Lock	IN120-10G77 BIPS MB LL – By security Vendor	US26D	SA	⚡
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Notes: Coordinate hardware requirements with existing door / frame. Clean and repair as necessary - advise architect if hardware needs to be replaced


Set: 29.2

Doors: D113A

Description: EXISTING -WIFI - EXIT

All Existing Hardware to Remain

OWNER:

1	Access Control Rim Exit	43 IN120-8877 BIPS MB ETL		RO	
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Notes: Coordinate hardware requirements with existing door / frame. Clean and repair as necessary - advise architect if hardware needs to be replaced

Set 29.3

Doors: X101, X102, X103, X104, X105,X108, X109

Description: EXISTING - OUTDOOR

All Existing Hardware to Remain

Notes: Coordinate hardware requirements with existing door / frame. Clean and repair as necessary - advise architect if hardware needs to be replaced

Set: 30.0

Doors: MISC

Description: MISC

1	Key Management System	T21		TA	
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Set: 31.0

Doors: A102

Description: Sliding Door - WIFI

Hardware included in door system.
Access Control provided by OWNER



2000 DEMO PLAN KEYNOTE SCHEDULE	
TAG	DESCRIPTION
201D	REMOVE EXISTING DOOR AND FRAME
202D	REMOVE EXISTING WINDOW
203D	REMOVE EXISTING FLOORING AND BASE
204D	REMOVE EXISTING CEILING AND LIGHTS
205D	REMOVE EXISTING TRACK LIGHTING, STORE AND REINSTALL IN NEW CEILING. COORDINATE LOCATION WITH OWNER.
206D	REMOVE EXISTING COUNTERTOP AND CASEWORK
207D	REMOVE EXISTING PLUMBING FIXTURES
208D	REMOVE EXISTING TOILET PARTITIONS
209D	REMOVE ENTIRE KIOSK STRUCTURE AND CEILING
210D	REMOVE EXISTING WALL TILE. PREP WALLS TO RECEIVE NEW WALL TILE
211D	REMOVE EXISTING RAISED FLOORING
212D	REMOVE EXISTING COLUMNS
213D	REMOVE EXISTING METAL PAN STAIR AND TURN OVER TO RTG
214D	REMOVE EXISTING ELEVATOR AND TURN OVER TO RTG
215D	REMOVE EXISTING ELEVATOR LIFT AND TURN OVER TO RTG
216D	REMOVE EXISTING PLYWOOD WAINSCOT. PREPARE EXISTING GYPSUM BOARD TO RECEIVE PAINTED FINISH
217D	REMOVE EXISTING TOILET ACCESSORIES & TURN OVER TO OWNER
218D	REMOVE EXISTING WOOD RAMP
219D	REMOVE EXISTING ACCORDIAN DOOR
220D	OPENING IN EXISTING WALL UP TO 12'-4" A.F.F.
221D	REMOVE EXISTING OVERHEAD DOOR, DOOR LEVELER AND BUMPERS
222D	REMOVE EXISTING TILE FLOOR AND PREP TO RECEIVE NEW TILE FLOOR
223D	REMOVE EXISTING UPPER CABINETS
224D	REMOVE EXISTING COUNTERTOP
225D	REMOVE EXISTING WOOD STAIRS AND RAILINGS
226D	REMOVE EXISTING FOLDING TABLE
227D	REMOVE ALL EXISTING OVERHEAD CABLE TRAYS AND CABLES. TYPICAL. COORDINATE W/OWNER PRIOR TO REMOVAL.
228D	REMOVE EXISTING FLOATING CEILING SYSTEM
229D	REMOVE EXISTING BOLLARDS
230D	REMOVE PADDING ON CROSS BRACING, TYPICAL
231D	REMOVE EXISTING VAULTED CEILING AND LIGHTS
232D	REMOVE EXISTING METAL DESK ATTACHED TO WALL, TYPICAL
233D	REMOVE ALL APURTANCES FROM TLT WALL AND INSTALL FURNING AND GYP BOARD TO MATCH ADJACENT
234D	EXISTING STAIRS AND/OR RAMP TO REMAIN
235D	REMOVE EXISTING COLUMN WRAP
236D	REMOVE WALL UP TO 13'-6" A.F.F.
237D	REMOVE EXISTING DOOR, FRAME TO REMAIN
238D	EXISTING LVT FLOORING TO REMAIN. CONTRACTOR TO SALVAGE, STORE AND REUSE ANY LVT FOR NEW ROOM CONFIGURATION
239D	REMOVE PORTION OF EXISTING TLT WALL. SEE DETAIL A946.11 AND STRUCTURAL DRAWINGS.
240D	REMOVE PORTION OF EXISTING TLT WALL. SEE DETAIL A946.11 AND STRUCTURAL DRAWINGS.

WALL LEGEND:

- EXISTING WALLS TO BE DEMOLISHED
- EXISTING WALLS TO REMAIN
- NEW STUD WALLS
- NEW 1 HR RATED WALLS

WALL LEGEND:

- SHADE INDICATES AREAS THAT ARE NOT IN SCOPE.

GENERAL NOTES:

- REMOVE AND STORE ALL EXISTING FIRE EXTINGUISHERS FOR REUSE IN NEW CABINETS - SEE LIFE SAFETY PLANS FOR FIRE EXTINGUISHER CABINET LOCATIONS.
- COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS ALL TRENCHING OF THE FLOOR SLAB.
- ALL TRENCHING POUR-BACKS SHALL BE SAME THICKNESS AS ADJACENT CONCRETE SLABS. POUR-BACKS TO BE 3000PSI NORMAL WEIGHT CONCRETE W/ 6X8-W/4 X W/4 W.F. ON 15 MIL VAPOR RETARDER @ STEEL.
- COMPACT SOIL TO 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY TO 12" BELOW SLAB.
- ALL ABANDONED ITEMS ABOVE CEILING TO BE REMOVED.

GENERAL DEMO NOTES:
12" x 12"

KEYPLAN

E	D	C
	B	A

NO.	DATE	NOTES
1	08-11-21	ADDENDUM #2
2	08-12-21	ADDENDUM #3
3	01-10-22	CHANGE BULLETIN #1

REVISIONS

ISSUE DATE
08-25-21

FGA PROJECT NUMBER
21003

PERMIT SET

STATE OF FLORIDA
REGISTERED ARCHITECT
MARCEL MASLOWSKI
ARCHITECT
0888162

DATE
09-29-21

SHEET NUMBER
A2.01A

ROOMS TO GO OFFICES RENOVATION AND EXPANSION

11540 E. US-92
SEFFNER, FLORIDA 33584

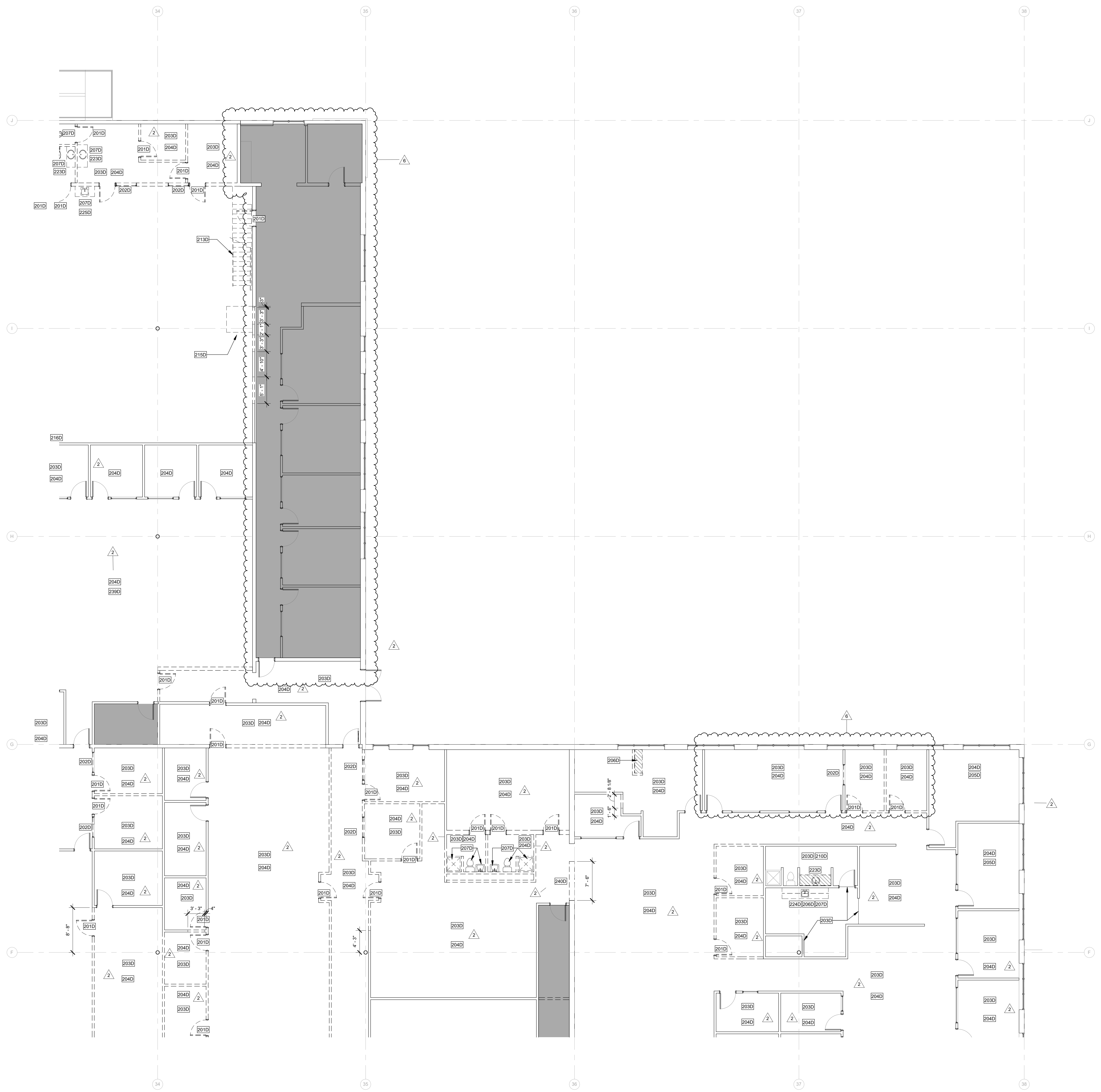
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DEMO PLAN A
1/8" = 1'-0"



200D_DEMO PLAN KEYNOTE SCHEDULE	
TAG	DESCRIPTION
201D	REMOVE EXISTING DOOR AND FRAME.
202D	REMOVE EXISTING WINDOW.
203D	REMOVE EXISTING FLOORING AND BASE.
204D	REMOVE EXISTING CEILING AND LIGHTS.
205D	REMOVE EXISTING TRACK LIGHTING, STORE AND REINSTALL IN NEW CEILING. COORDINATE LOCATION WITH OWNER.
206D	REMOVE EXISTING COUNTERTOP AND CASEWORK.
207D	REMOVE EXISTING PLUMBING FIXTURES.
208D	REMOVE EXISTING TOILET PARTITIONS.
209D	REMOVE ENTIRE KIOSK STRUCTURE AND CEILING.
210D	REMOVE EXISTING WALL TILE. PREP WALLS TO RECEIVE NEW WALL TILE.
211D	REMOVE EXISTING RAISED FLOORING.
212D	REMOVE EXISTING COLUMNS.
213D	REMOVE EXISTING METAL PAN STAIR AND TURN OVER TO RTG.
214D	REMOVE EXISTING ELEVATOR AND TURN OVER TO RTG.
215D	REMOVE EXISTING ELEVATOR LIFT AND TURN OVER TO RTG.
216D	REMOVE EXISTING PLYWOOD WAINSCOT. PREPARE EXISTING GYPSUM BOARD TO RECEIVE PAINTED FINISH.
217D	REMOVE EXISTING TOILET ACCESSORIES & TURN OVER TO OWNER.
218D	REMOVE EXISTING WOOD RAMP.
219D	REMOVE EXISTING ACCORDIAN DOOR.
220D	OPENING IN EXISTING WALL UP TO 12'-4" A.F.F.
221D	REMOVE EXISTING OVERHEAD DOOR, DOOR LEVELER AND BUMPERS.
222D	REMOVE EXISTING TILE FLOOR AND PREP TO RECEIVE NEW TILE FLOOR.
223D	REMOVE EXISTING VANITY AND SINK.
224D	REMOVE EXISTING UPPER CABINETS.
225D	REMOVE EXISTING COUNTERTOP.
226D	REMOVE EXISTING WOOD STAIRS AND RAILINGS.
227D	REMOVE EXISTING FOLDING TABLE.
228D	REMOVE ALL EXISTING OVERHEAD CABLE TRAYS AND CABLES. TYPICAL. COORDINATE WORKER PRIOR TO REMOVAL.
229D	REMOVE EXISTING FLOATING CEILING SYSTEM.
230D	REMOVE EXISTING BOLLARDS.
231D	REMOVE PADDING ON CROSS BRACING. TYPICAL.
232D	REMOVE EXISTING VAULTED CEILING AND LIGHTS.
233D	REMOVE METAL DESK ATTACHED TO WALL. TYPICAL.
234D	REMOVE ALL APPLIANCES FROM TLT WALL AND INSTALL FURNING AND GYP BOARD TO MATCH ADJACENT.
235D	EXISTING STAIRS AND/OR RAMP TO REMAIN.
236D	REMOVE EXISTING COLUMN WRAP.
237D	REMOVE WALL UP TO 13'-6" A.F.F.
238D	REMOVE EXISTING DOOR. FRAME TO REMAIN.
239D	EXISTING LVT FLOORING TO REMAIN. CONTRACTOR TO SALVAGE, STORE AND REUSE ANY LVT FOR NEW ROOM CONFIGURATION.
240D	REMOVE PORTION OF EXISTING TLT WALL. SEE DETAIL AREA 11 AND STRUCTURAL DRAWINGS.

WALL LEGEND:

- EXISTING WALLS TO BE DEMOLISHED
- EXISTING WALLS TO REMAIN
- NEW STUD WALLS
- NEW 1 HR RATED WALLS

WALL LEGEND:
NA

SHADE INDICATES AREAS THAT ARE NOT IN SCOPE.

GENERAL NOTES:

- REMOVE AND STORE ALL EXISTING FIRE EXTINGUISHERS FOR REUSE IN NEW CABINETS - SEE LIFE SAFETY PLANS FOR FIRE EXTINGUISHER CABINET LOCATIONS.
- COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS ALL TRENCHING OF THE FLOOR SLAB.
- ALL TRENCHING POUR-BACKS SHALL BE SAME THICKNESS AS ADJACENT CONCRETE SLABS. POUR-BACKS TO BE 3000PSI NORMAL WEIGHT CONCRETE W/ 6X8-W/4 X W/4 W W.F. ON 15 MIL VAPOR RETARDER BY STEEL WRAP & TREATED SUBGRADE.
- COMPACT SOIL TO 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY TO 12" BELOW SLAB.
- ALL ABANDONED ITEMS ABOVE CEILING TO BE REMOVED.

GENERAL DEMO NOTES:
12" x 12"

KEYPLAN

E	D	C
B	A	

REVISIONS

NO.	DATE	NOTES
1	08-25-21	ADDITIONAL R.F.
2	09-10-21	CHANGE BULLETIN 01

200D_DEMO PLAN KEYNOTE SCHEDULE

21003

08-25-21

21003

A2.01C

ROOMS TO GO OFFICES RENOVATION AND EXPANSION

11540 E. US-92
SEFFNER, FLORIDA 33584

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PERMIT SET

09-29-21

FGA PROJECT NUMBER
21003

ISSUE DATE
08-25-21

REVISIONS

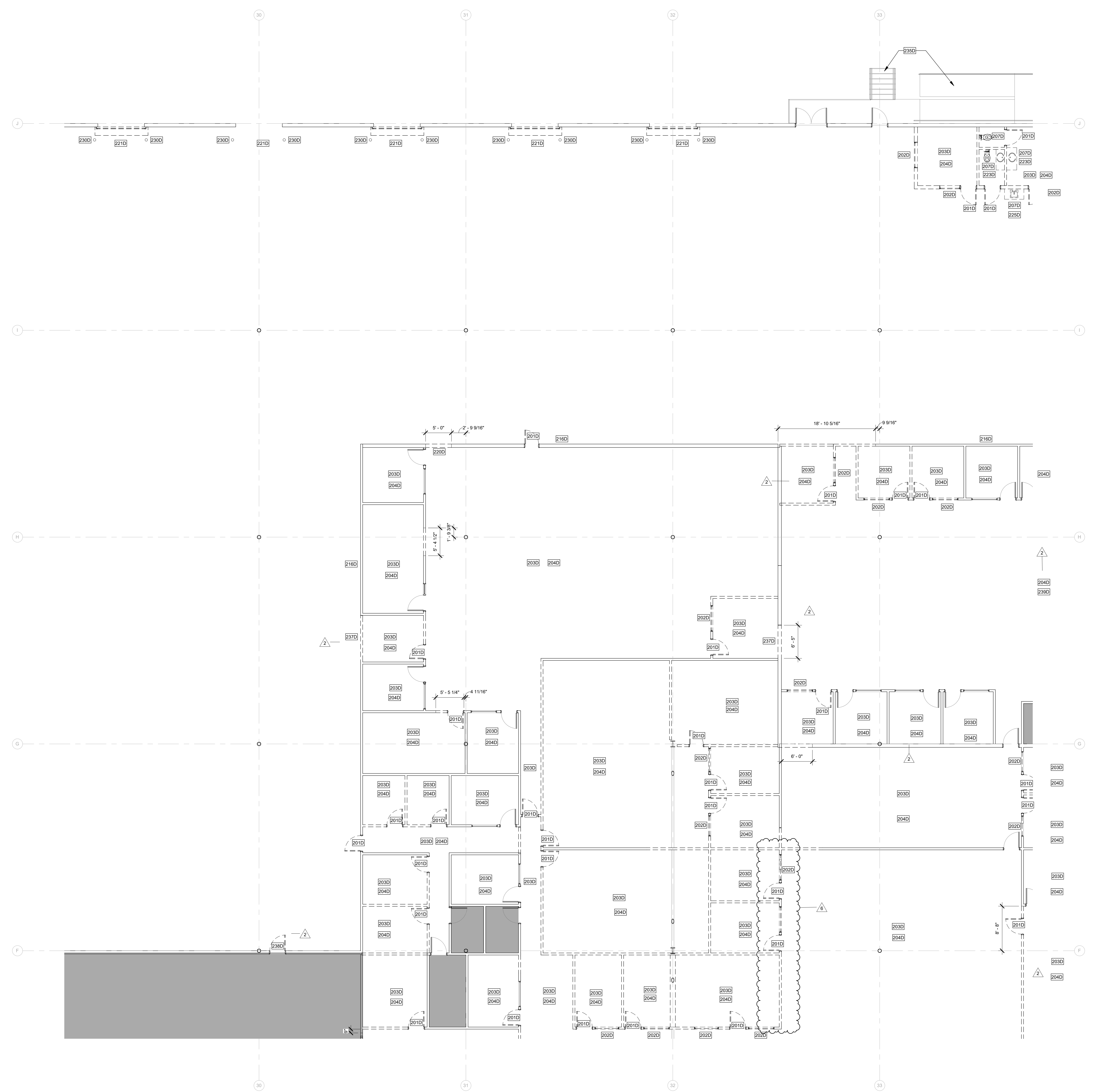
NO.	DATE	NOTES
1	08-25-21	ADDITIONAL R.F.
2	09-10-21	CHANGE BULLETIN 01

SHEET NAME
DEMOLITION PLAN C

SHEET NUMBER
A2.01C

08/25/21 2:10:04 PM

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



200D_DEMO PLAN KEYNOTE SCHEDULE	
TAG	DESCRIPTION
201D	REMOVE EXISTING DOOR AND FRAME
202D	REMOVE EXISTING WINDOW
203D	REMOVE EXISTING FLOORING AND BASE
204D	REMOVE EXISTING CEILING AND LIGHTS
205D	REMOVE EXISTING TRACK LIGHTING, STORE AND REINSTALL IN NEW CEILING. COORDINATE LOCATION WITH OWNER.
206D	REMOVE EXISTING COUNTERTOP AND CASEWORK
207D	REMOVE EXISTING PLUMBING FIXTURES
208D	REMOVE EXISTING TOILET PARTITIONS
209D	REMOVE ENTIRE KIOSK STRUCTURE AND CEILING
210D	REMOVE EXISTING WALL TILE PREP WALLS TO RECEIVE NEW WALL TILE
211D	REMOVE EXISTING RAISED FLOORING
212D	REMOVE EXISTING COLUMNS
213D	REMOVE EXISTING METAL PAN STAIR AND TURN OVER TO RTG
214D	REMOVE EXISTING ELEVATOR AND TURN OVER TO RTG
215D	REMOVE EXISTING ELEVATOR LIFT AND TURN OVER TO RTG
216D	REMOVE EXISTING PLYWOOD WAINSCOT. PREPARE EXISTING GYPSUM BOARD TO RECEIVE PAINTED FINISH
217D	REMOVE EXISTING TOILET ACCESSORIES & TURN OVER TO OWNER
218D	REMOVE EXISTING WOOD RAMP
219D	REMOVE EXISTING ACCORDIAN DOOR
220D	OPENING IN EXISTING WALL UP TO 12'-4" A.F.F.
221D	REMOVE EXISTING OVERHEAD DOOR, DOCK LEVELER AND BUMPERS
222D	REMOVE EXISTING TILE FLOOR AND PREP TO RECEIVE NEW TILE FLOOR
223D	REMOVE EXISTING VANITY AND SINK
224D	REMOVE EXISTING UPPER CABINETS
225D	REMOVE EXISTING COUNTERTOP
226D	REMOVE EXISTING WOOD STAIRS AND RAILINGS
227D	REMOVE EXISTING FOLDING TABLE
228D	REMOVE ALL EXISTING OVERHEAD CABLE TRAYS AND CABLES. TYPICAL. COORDINATE WORKMAN PRIOR TO REMOVAL
229D	REMOVE EXISTING FLOATING CEILING SYSTEM
230D	REMOVE EXISTING BOLLARDS
231D	REMOVE PADDING ON CROSS BRACING, TYPICAL
232D	REMOVE EXISTING VAULTED CEILING AND LIGHTS
233D	REMOVED METAL DESK ATTACHED TO WALL, TYPICAL
234D	REMOVE ALL APURTANCES FROM TLT WALL AND INSTALL FURNING AND GYP BOARD TO MATCH ADJACENT
235D	EXISTING STAIRS AND/OR RAMP TO REMAIN
236D	REMOVE EXISTING COLUMN WRAP
237D	REMOVE WALL UP TO 13'-6" A.F.F. TO REMAIN
238D	REMOVE EXISTING DOOR, FRAME TO REMAIN
239D	EXISTING LVT FLOORING TO REMAIN. CONTRACTOR TO SALVAGE, STORE AND REUSE ANY LVT FOR NEW ROOM CONFIGURATION
240D	REMOVE PORTION OF EXISTING TLT WALL. SEE DETAIL A946.11 AND STRUCTURAL DRAWINGS.

WALL LEGEND:

--- EXISTING WALLS TO BE DEMOLISHED

--- EXISTING WALLS TO REMAIN

--- NEW STUD WALLS

--- NEW 1 HR RATED WALLS

WALL LEGEND:
NA

SHADE INDICATES AREAS THAT ARE NOT IN SCOPE.

GENERAL NOTES:

- REMOVE AND STORE ALL EXISTING FIRE EXTINGUISHERS FOR REUSE IN NEW CABINETS - SEE LIFE SAFETY PLANS FOR FIRE EXTINGUISHER CABINET LOCATIONS.
- COORDINATE WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS ALL TRENCHING OF THE FLOOR SLAB.
- ALL TRENCHING POUR-BACKS SHALL BE SAME THICKNESS AS ADJACENT CONCRETE SLABS. POUR-BACKS TO BE 3000PSI NORMAL WEIGHT CONCRETE W/ 6X8-W/4 X W/4 W.F. ON 15 MIL VAPOR RETARDER BY STEEL WRAP & TREATED SUBGRADE.
- COMPACT SOIL TO 95% OF MODIFIED PROCTOR MAXIMUM DRY DENSITY TO 12" BELOW SLAB.
- ALL ABANDONED ITEMS ABOVE CEILING TO BE REMOVED.

GENERAL DEMO NOTES:
12" x 12"

KEYPLAN

E	D	C
B	A	

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

FLEISCHMANGARCIA
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REGISTRATION NUMBER: EA 000123

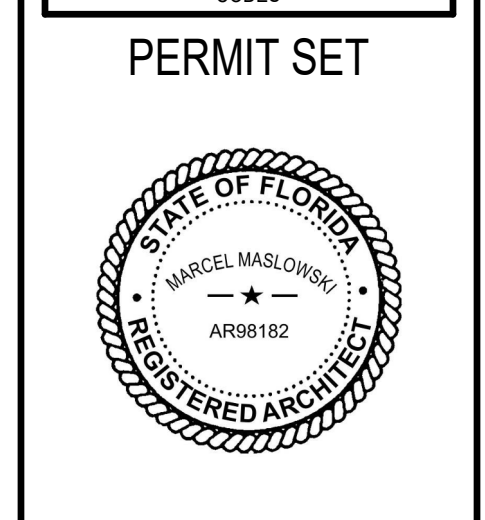
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3400 TAMPALUNDA BLVD., SUITE 300
SAFETY HARBOR, FLORIDA 34609
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ROOMS TO GO OFFICES RENOVATION AND EXPANSION

11540 E. US-92
SEFFNER, FLORIDA 33584

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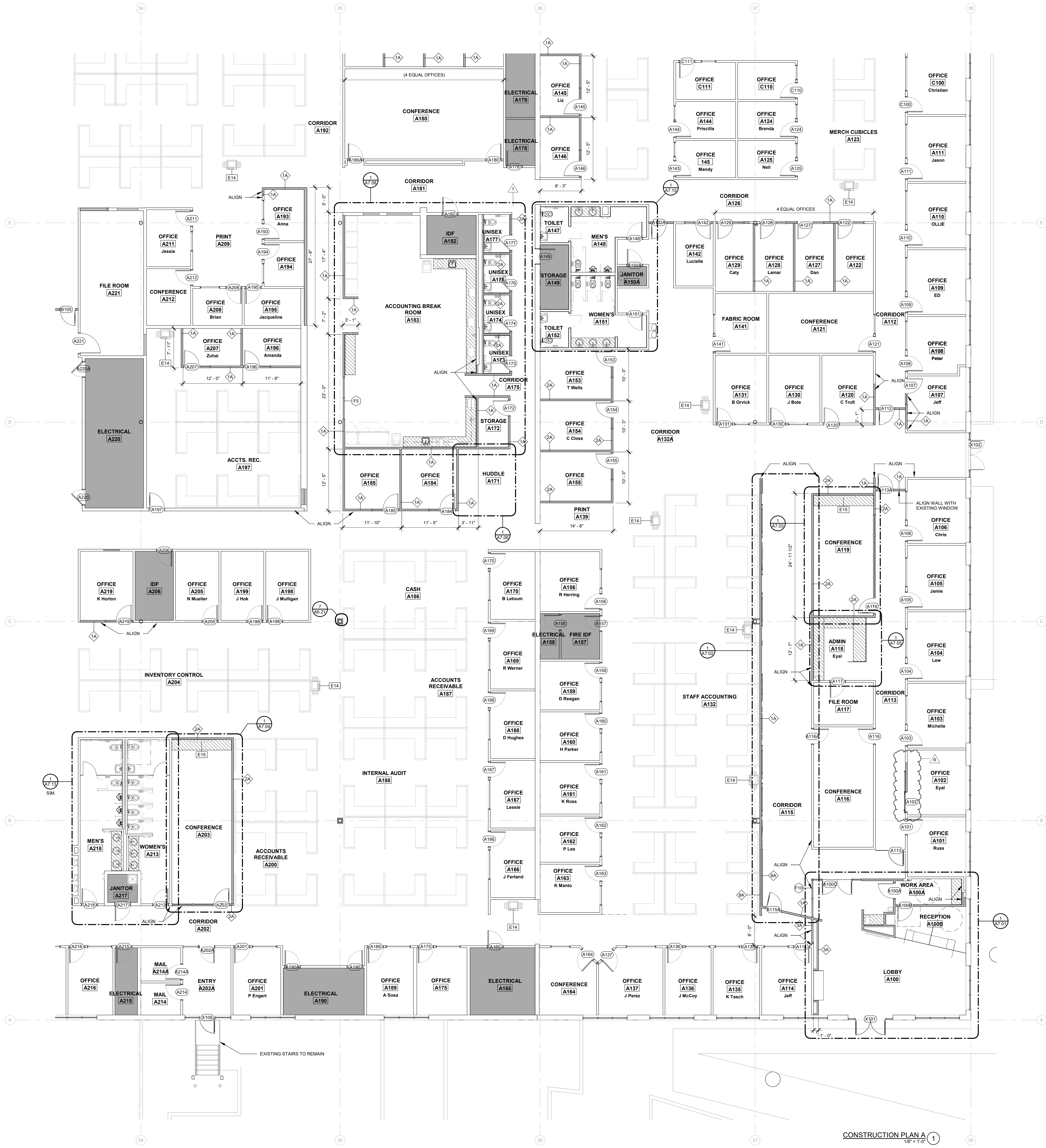
09-29-21
FGA PROJECT NUMBER
21003

ISSUE DATE
08-25-21

NO.	DATE	REVISIONS	NOTES
1	08-25-21	ADDITIONAL R.F.	
2	09-10-21	CHANGE BULLETIN 01	

SHEET NAME
DEMOLITION PLAN D

SHEET NUMBER
A2.01D



SHADE INDICATES AREAS THAT ARE NOT IN SCOPE.

NEW MILLWORK

WALL LEGEND:

- EXISTING WALLS TO BE DEMOLISHED
- EXISTING WALLS TO REMAIN
- NEW STUD WALLS
- NEW 1 HR RATED WALLS

GENERAL NOTES:

A. WHERE EXISTING DOORS AND WINDOWS ARE REMOVED, INFILL WITH MATERIALS TO MATCH ADJACENT WALL CONSTRUCTION AND FINISH.

B. WHERE EXISTING COLUMNS ARE EXPOSED, CLEAN AND PAINT COLUMNS PER PAINTING SPECIFICATIONS.

GENERAL DIMENSION NOTES:

A. DIMENSIONS LOCATING NEW EXTERIOR STUD WALLS ARE TO EXTERIOR FACE OF THE STUDS.

B. DIMENSIONS LOCATING NEW INTERIOR STUD WALLS ARE TO FINISHED WALL SURFACES.

C. DIMENSIONS TO EXISTING WALLS ARE TO THE FINISHED WALL SURFACES.

D. OPENINGS NOT LOCATED BY DIMENSION IN INTERIOR WALLS AND NOT ABUTTING ADJACENT WALLS ARE TO BE CENTERED ON THE WALL, UNLESS INDICATED OTHERWISE.

E. IF THE LOCATION OF ANY BUILDING ELEMENT IS NOT OBVIOUS OR CANNOT BE DETERMINED BY DIMENSION, MATHEMATICS, OR AS NOTED ABOVE, CONTACT THE ARCHITECT PRIOR TO LOCATING THE ELEMENT.

FLEISCHMANGARCIA

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ANAHEIM, CALIFORNIA 92806
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REGISTRATION NUMBER: CA 000123
www.fleischmangarcia.com

REGISTERED ARCHITECT
STATE OF FLORIDA
ARCHITECTURE
NO. 11540
EXPIRES 12/31/2024

ROOMS TO GO

OFFICES RENOVATION AND EXPANSION

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SEFFNER, FLORIDA 33584

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PERMIT SET



09-29-21	FGA PROJECT NUMBER	21003
08-25-21	ISSUE DATE	
NO.	DATE	NOTES
1	08-25-21	ADDITIONAL P.P.
2	09-29-21	CHANGE BULLETIN 01

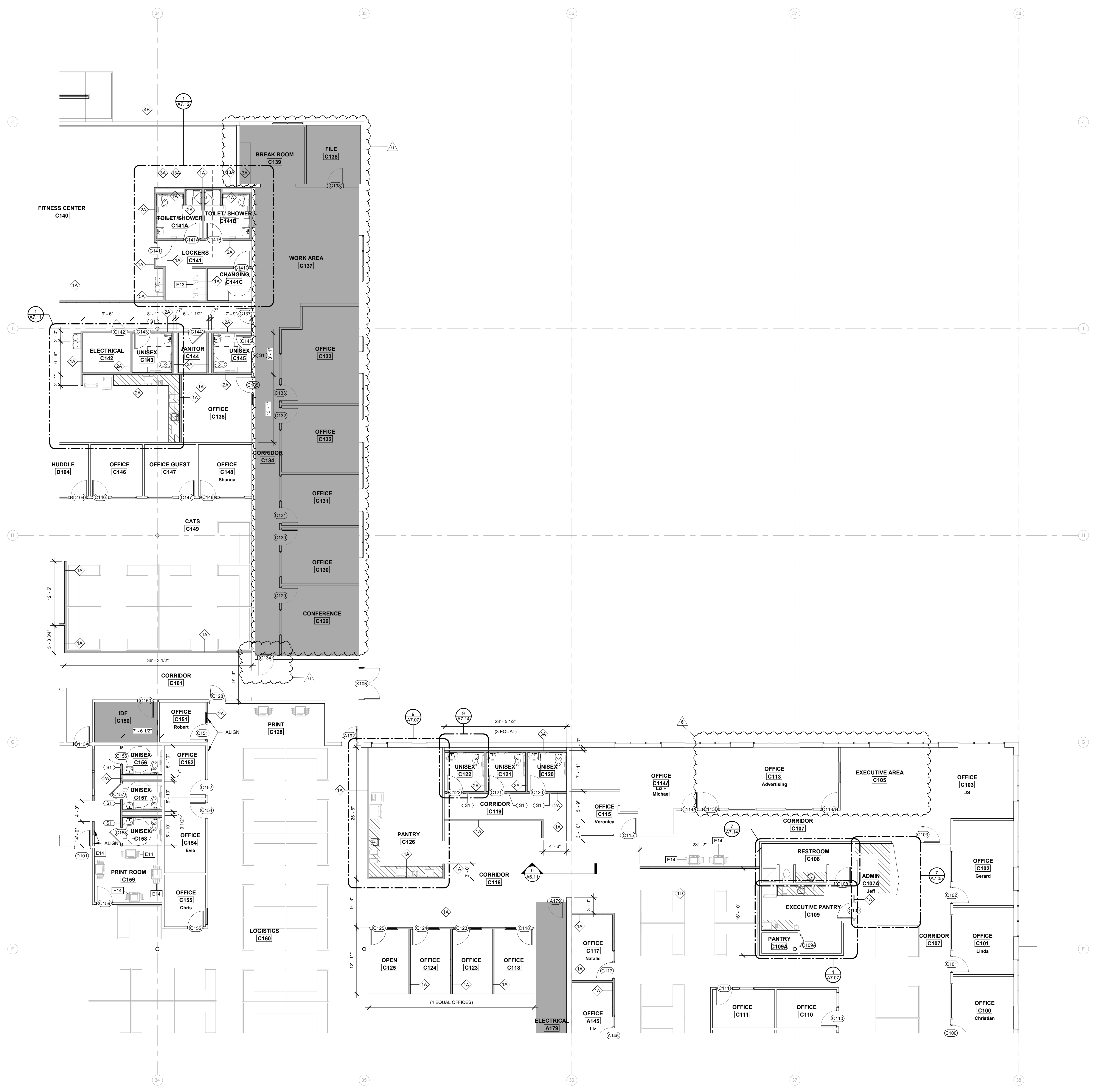
KEYPLAN

N

E	D	C
B	A	

CONSTRUCTION PLAN A

SHEET NUMBER
A2.10A



SHADE INDICATES AREAS THAT ARE NOT IN SCOPE.

NEW MILLWORK

WALL LEGEND:

- EXISTING WALLS TO BE DEMOLISHED
- EXISTING WALLS TO REMAIN
- NEW STUD WALLS
- NEW 1 HR RATED WALLS

GENERAL NOTES:

A. WHERE EXISTING DOORS AND WINDOWS ARE REMOVED, INFILL WITH MATERIALS TO MATCH ADJACENT WALL CONSTRUCTION AND FINISH.

B. WHERE EXISTING COLUMNS ARE EXPOSED, CLEAN AND PAINT COLUMNS PER PAINTING SPECIFICATIONS.

GENERAL DIMENSION NOTES:

A. DIMENSIONS LOCATING NEW EXTERIOR STUD WALLS ARE TO EXTERIOR FACE OF THE STUDS.

B. DIMENSIONS LOCATING NEW INTERIOR STUD WALLS ARE TO FINISHED WALL SURFACES.

C. DIMENSIONS TO EXISTING WALLS ARE TO THE FINISHED WALL SURFACES.

D. OPENINGS NOT LOCATED BY DIMENSION IN INTERIOR WALLS AND NOT ABUTTING ADJACENT WALLS ARE TO BE CENTERED ON THE WALL, UNLESS INDICATED OTHERWISE.

E. IF THE LOCATION OF ANY BUILDING ELEMENT IS NOT OBVIOUS OR CANNOT BE DETERMINED BY DIMENSION, MATHEMATICS, OR AS NOTED ABOVE, CONTACT THE ARCHITECT PRIOR TO LOCATING THE ELEMENT.

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**ROOMS TO GO
 OFFICES RENOVATION AND EXPANSION**

11540 E. US-92
 SEFFNER, FLORIDA 33584

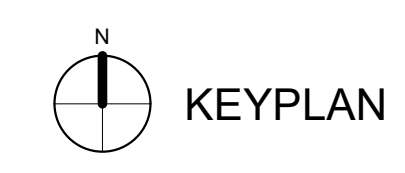
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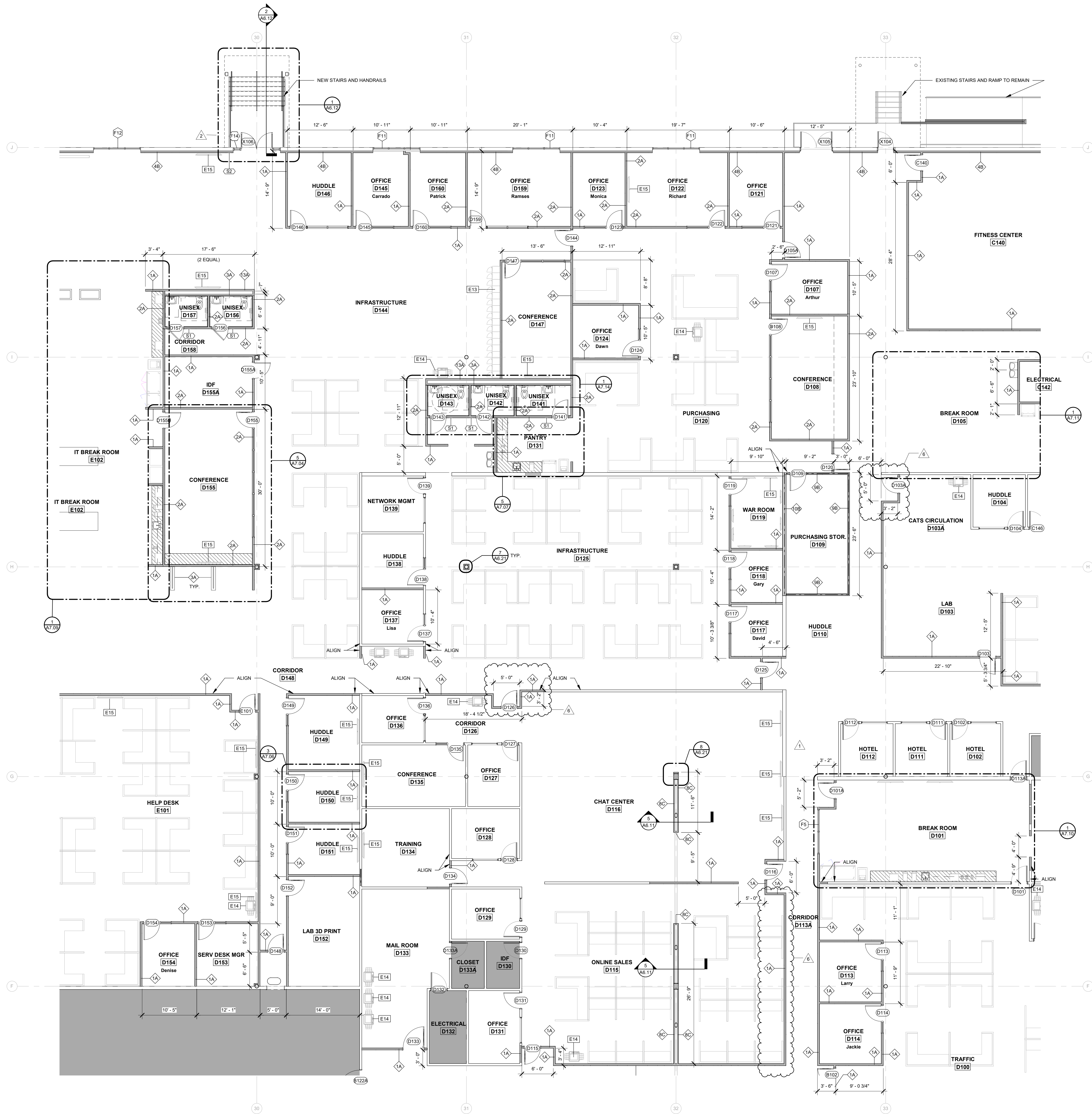


09-29-21	FGA PROJECT NUMBER	21003
08-25-21	ISSUE DATE	
NO. DATE	REVISIONS	NOTES
1 01-10-22	CHANGE BULLETIN 01	
SHEET NAME		
CONSTRUCTION PLAN C		
SHEET NUMBER		
A2.10C		



E	D	C
B	A	

CONSTRUCTION PLAN C 1
 1/8" = 1'-0"



- SHADE INDICATES AREAS THAT ARE NOT IN SCOPE.
 - NEW MILLWORK
- WALL LEGEND:**
- EXISTING WALLS TO BE DEMOLISHED
 - EXISTING WALLS TO REMAIN
 - NEW STUD WALLS
 - NEW 1 HR RATED WALLS

- GENERAL NOTES:**
- WHERE EXISTING DOORS AND WINDOWS ARE REMOVED, INFILL WITH MATERIALS TO MATCH ADJACENT WALL CONSTRUCTION AND FINISH.
 - WHERE EXISTING COLUMNS ARE EXPOSED, CLEAN AND PAINT COLUMNS PER PAINTING SPECIFICATIONS.

- GENERAL DIMENSION NOTES:**
- DIMENSIONS LOCATING NEW EXTERIOR STUD WALLS ARE TO EXTERIOR FACE OF THE STUDS.
 - DIMENSIONS LOCATING NEW INTERIOR STUD WALLS ARE TO FINISHED WALL SURFACES.
 - DIMENSIONS TO EXISTING WALLS ARE TO THE FINISHED WALL SURFACES.
 - OPENINGS NOT LOCATED BY DIMENSION IN INTERIOR WALLS AND NOT ABUTTING ADJACENT WALLS ARE TO BE CENTERED ON THE WALL, UNLESS INDICATED OTHERWISE.
 - IF THE LOCATION OF ANY BUILDING ELEMENT IS NOT OBVIOUS OR CANNOT BE DETERMINED BY DIMENSION, MATHEMATICS, OR AS NOTED ABOVE, CONTACT THE ARCHITECT PRIOR TO LOCATING THE ELEMENT.

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**ROOMS TO GO
 OFFICES RENOVATION AND EXPANSION**

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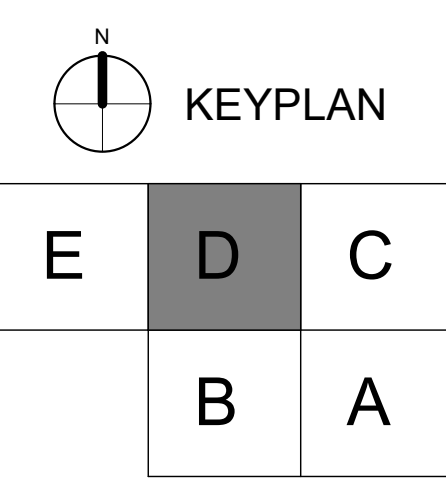
09-29-21
 FGA PROJECT NUMBER
21003

ISSUE DATE
08-25-21

NO.	DATE	REVISIONS	NOTES
1	08-25-21	ADDENDUM #1	
2	08-25-21	ADDENDUM #2	
3	01-10-22	CHANGE BULLETIN #1	

SHEET NAME
CONSTRUCTION PLAN D

SHEET NUMBER
A2.10D



CONSTRUCTION PLAN D 1
 1/8" = 1'-0"



NOT IN SCOPE

3'-0"

FLOOR FINISH LEGEND

CON-1	[Pattern]
CPT-1 ONLY	[Pattern]
CPT-1 BLEND	[Pattern]
CPT-2	[Pattern]
RF-1	[Pattern]
RF-2	[Pattern]
RF-3	NOT USED
RF-4	[Pattern]
TL-1	[Pattern]
TL-2	[Pattern]
NOT IN SCOPE	[Solid Black]
EXISTING TO REMAIN	[Pattern]

GENERAL FINISH PLAN NOTES:

A. REFER TO WALL LEGEND, PLANS AND/OR SECTIONS FOR FINISH SUBSTRATE.
 B. WHERE 2 OR MORE FINISHES ARE SCHEDULED, REFER TO FLOOR PLAN, REFLECTED CEILING PLAN OR INTERIOR ELEVATIONS FOR EXTENTS.
 C. WHERE 2 OR MORE CEILING HEIGHTS ARE SCHEDULED, REFER TO REFLECTED CEILING PLAN.
 D. ONLY FINISH NON PRE-FINISHED ITEMS.
 E. REFER TO MATERIAL FINISH SCHEDULE FOR MATERIAL SIZE. HATCHES SHOW FOR LOCATION REFERENCE ONLY.
 F. SEE ELEVATIONS AND ENLARGED PLANS FOR ADDITIONAL FINISHES.
 G. TYPICAL FLOOR FINISH TO BE CPT-1 & CPT-2 UNO.
 H. TYPICAL WALL FINISH TO PNT-1 UNO.
 I. TYPICAL WALL BASE TO BE WB-1 UNO.
 J. SEE FLOORING TRANSITION DETAILS ON SHEET A6.21.
 K. FLOOR FINISHES TO ALIGN WITH ADJACENT WALLS, TYP. UNO.
 L. FLOOR FINISH TO RUN UNDER MILLWORK, TYP. UNO.
 M. TYPICAL OFFICES - WALL OPPOSITE DOOR TO HAVE ACCENT PAINT PNT-3, TYP. UNO.
 N. ALL EXISTING CONCRETE SLAB TO BE SEALED TYP. UNO.
 O. FLOORING TILE GROUT LINES TO ALIGN WITH WALL TILE GROUT LINES WHERE POSSIBLE.
 P. ALL INTERIOR CONCRETE SLABS ARE TO BE SEALED. SEE SPECIFICATIONS FOR PRODUCT INFORMATION.

FINISH TAG SYMBOLS:

TL-1	EXTENT OF FINISH, TYP UNO
PNT-1	WALL FINISH
TL-1	WALL FINISH
TL-1	FLOOR FINISH
TL-1	SPECIAL FINISH
ACT-1	CEILING FINISH



FIRST FLOOR PLAN 1/8" = 20'-0" 1

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**ROOMS TO GO
 OFFICES RENOVATION AND EXPANSION**

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09-29-21

FGA PROJECT NUMBER
21003

ISSUE DATE
08-25-21

REVISIONS

NO.	DATE	NOTES
1	08-12-21	ADDENDUM #2
2	08-12-21	ADDENDUM #3
3	01-10-22	CHANGE BULLETIN #1

SHEET NAME

FINISH PLAN OVERALL

SHEET NUMBER
A3.01

GENERAL REFLECTED CEILING PLAN NOTES:

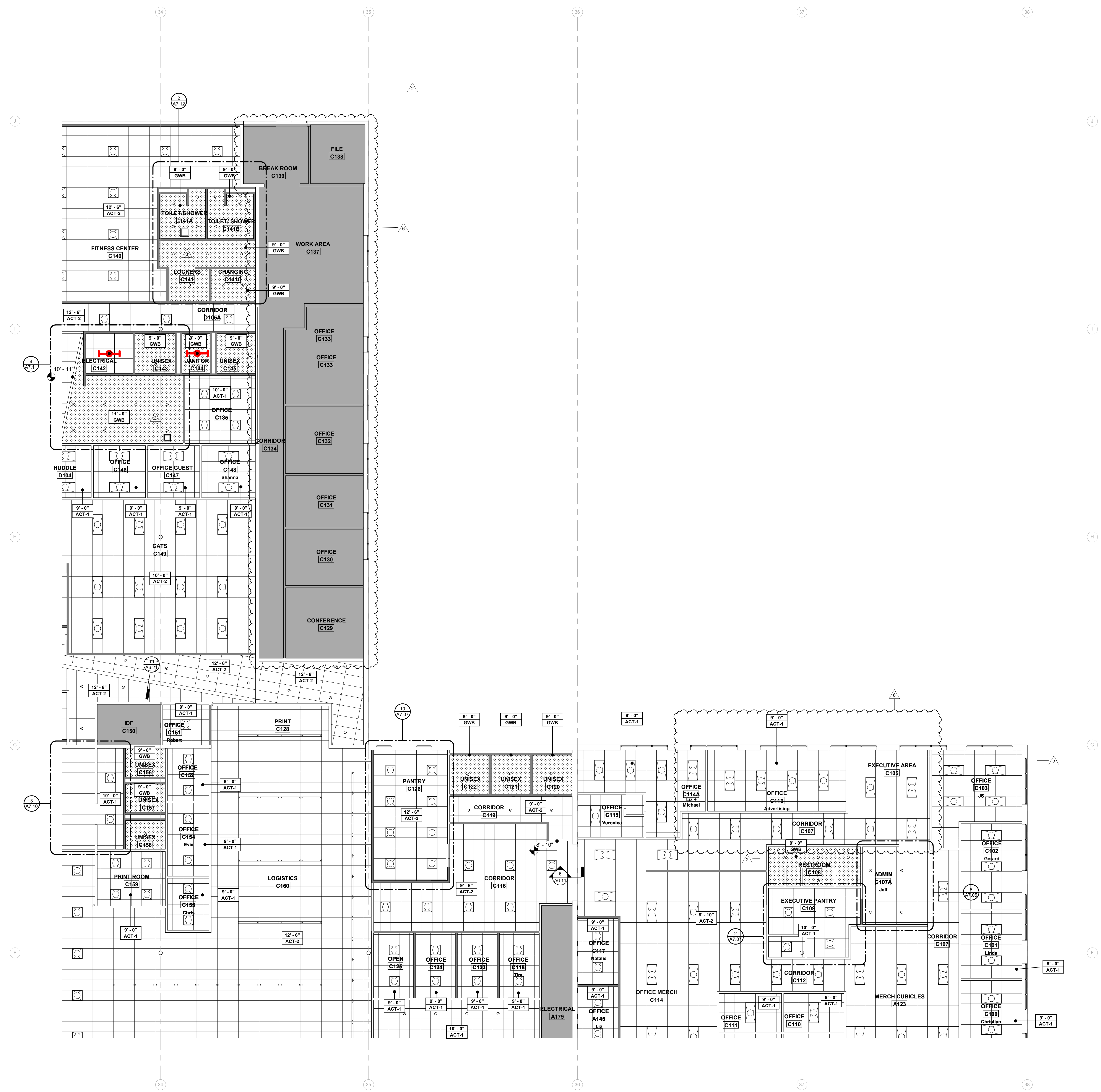
A. WHERE NEW CEILING ARE SCHEDULED, EXTEND EXISTING WALLS TO 6" ABOVE NEW CEILING HEIGHT.

B. PATCH, REPAIR AND EXTEND EXISTING CEILING GRID FOR THE REMOVAL OR ADDITION OF NEW WALLS.

C. CONTRACTOR TO USE "SALVAGED" ACOUSTICAL CEILING TILES FROM DEMOLITION TO ADD TO THE EXISTING ACOUSTICAL CEILINGS WHERE CEILING GRIDS WERE EXTENDED.

D. ALL EXISTING CEILING GRIDS AND TILES TO BE PAINTED TO MATCH NEW CEILING GRID COLOR.

E. WHERE NO LIGHTS ARE SHOWN IN PLAN, EXISTING LIGHTS TO REMAIN.



- SHADE INDICATES AREAS THAT ARE NOT IN SCOPE.
- EXISTING ACT CEILING TO REMAIN
- EXISTING GWB CEILING TO REMAIN
- 2 x 4 ACT CEILING
- 2 x 2 ACT CEILING
- GWB CEILING
- 2 x 2 LED LIGHT FIXTURE
- 2 x 4 LED LIGHT FIXTURE
- PENDANT LINEAR LED LIGHT FIXTURE
- PENDANT LINEAR LED LIGHT FIXTURE LENGTH VARIES. REFER TO RCP.
- PENDANT CIRCULAR LED LIGHT FIXTURE
- RECESSED CAN LIGHT FIXTURE
- PENDANT LIGHT BY OWNER
- ACCESS HATCH

KEYPLAN

E	D	C
B	A	

FIRST FLOOR REFLECTED CEILING PLAN C
1/8" = 1'-0" (1)

**ROOMS TO GO
OFFICES RENOVATION AND EXPANSION**

11540 E. US-92
SEFFNER, FLORIDA 33584

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ARCHITECTURE, P.A.
3400 W. GULF BLVD., SUITE 300
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PH: (813) 834-1884
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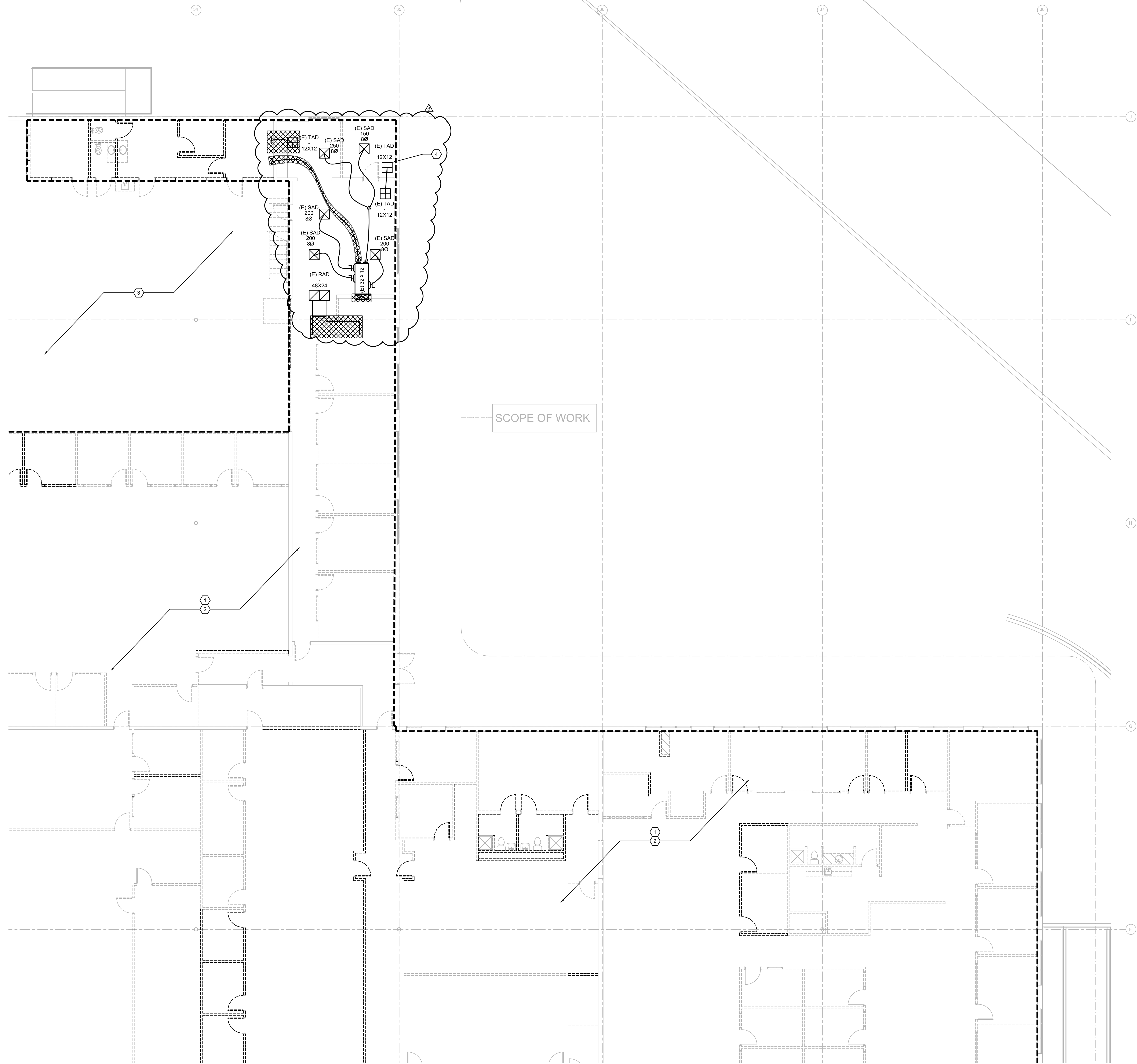
PERMIT SET



09-29-21		
FGA PROJECT NUMBER	21003	
ISSUE DATE	08-25-21	
NO.	DATE	DESCRIPTION
1	08-11-21	ADDENDUM #1
2	08-12-21	ADDENDUM #2
3	01-10-22	CHANGE BULLETIN #1

REFLECTED CEILING PLAN C

**SHEET NUMBER
A8.01C**



- KEYNOTE LEGEND**
- DISCONNECT, REMOVE, AND DISPOSE ALL EXISTING SUPPLY, RETURN, TRANSFER AND EXHAUST DUCTWORK ALONG WITH AIR DEVICES AND ANY HVAC ACCESSORIES.
 - REMOVE AND DISPOSE ANY DX-SPLIT AND MINI-SPLIT SYSTEM AND ITS ASSOCIATED ACCESSORIES INSIDE THE CONSTRUCTION ZONE.
 - NO WORK IN THIS AREA.
 - ALL DUCTWORK AND AIR DEVICES SHOWN IN THIS AREA THAT ARE NOT HATCHED ARE TO EXIST TO REMAIN.

SCOPE OF WORK

EMERALD ENGINEERING INC.
 9942 CURRIE DAVIS DR. STE H, TAMPA, FL 33619
 TEL: (813) 995-0300
 WWW.EMERALDPEI.COM
 EBI PROJECT # 210120

FLEISCHMANGARCIA
 ARCHITECTURE | PLANNING | INTERIORS
 344 HYDRA PARK AVENUE, SUITE 300
 TAMPA, FL 33609
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 SEFFNER, FLORIDA 33584

ROOMS TO GO OFFICES RENOVATION AND EXPANSION

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PERMIT SET

MICHAEL A. COSTELLO, PE
 FL REG. NO. PEB1436
 S/S Date

FGA PROJECT NUMBER
 21003

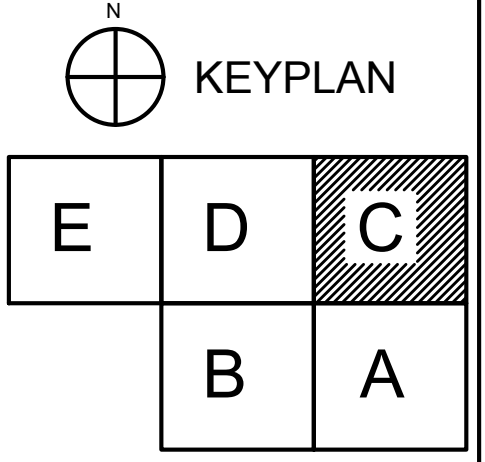
ISSUE DATE
 07-16-21

NO.	DATE	NOTES
01	07-16-21	CHANGE BULLETIN #1

SHEET NAME

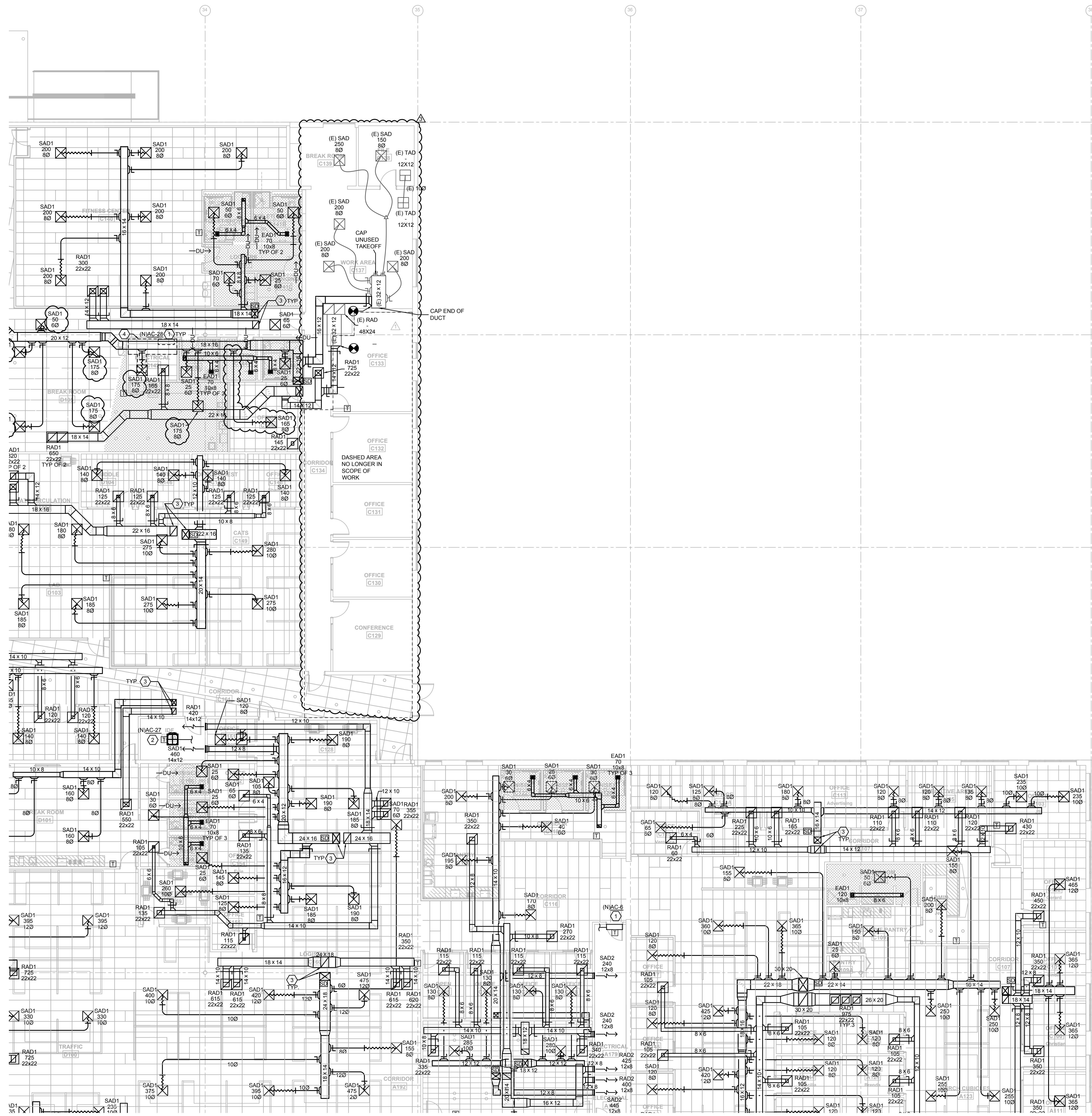
DEMOLITION HVAC PLAN

SHEET NUMBER
 MD1.10C



DEMOLITION HVAC PLAN
 1/8" = 1'-0"

ALL PROJECTS TO GO ROOMS TO GO RENOVATION/EXPANSION MECHANICAL HVAC LEVEL (RMD_1008) | Revised | Jan. 26, 2022 - 3:09pm



- KEYNOTE LEGEND**
- WALL MOUNTED DUCTLESS MINI-SPLIT TO BE MOUNT HIGH AS POSSIBLE. INSTALL PER MANUFACTURER INSTALLATION INSTRUCTIONS. ROUTE REFRIGERANT PIPING FROM AIR HANDLING UNIT TO CONDENSING UNIT MOUNTED ON ROOF. COORDINATE LINE LENGTHS REQUIRED WITH MANUFACTURER. SIZE AND PROVIDE ALL ACCESSORIES AS REQUIRED PER MANUFACTURER'S SPECIFICATIONS. REFER TO PLUMBING DRAWINGS FOR CONDENSATE ROUTING. COORDINATION FINAL LOCATION OF MINI-SPLIT WITH EXISTING CONDITIONS WITHIN THE ROOM (E.I. ELECTRICAL CONDUIT AND ELECTRICAL EQUIPMENT).
 - PROVIDE NEW DUCTLESS CEILING MOUNTED MINI-SPLIT SYSTEM. INSTALL PER MANUFACTURER INSTALLATION INSTRUCTIONS. ROUTE REFRIGERANT PIPING FROM AIR HANDLING UNIT TO CONDENSING UNIT MOUNTED ON ROOF. COORDINATE LINE LENGTHS REQUIRED WITH MANUFACTURER. SIZE AND PROVIDE ALL ACCESSORIES AS REQUIRED PER MANUFACTURER'S SPECIFICATIONS. REFER TO PLUMBING PLANS FOR CONDENSATE ROUTING.
 - SUPPLY AND RETURN DUCTWORK DOWN FROM RTU. REFER TO ROOF PLANS FOR RTU PLACEMENT.
 - PROVIDE DRAIN PAN UNDERNEATH DUCTWORK IN ELECTRICAL ROOMS. COORDINATE DUCT ROUTING PRIOR TO START OF WORK.

HERALD ENGINEERING INC.
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 EBI PROJECT # 210120

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I CERTIFY TO THE BEST OF MY KNOWLEDGE THAT THESE DRAWINGS COMPLY WITH ALL RELEVANT BUILDING CODES

PERMIT SET

MICHAEL A. COSTELLO, PE
 FL REG. NO. PE81436
 S/S Date

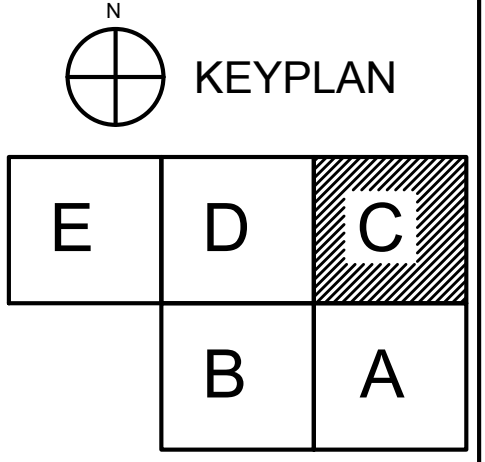
FGA PROJECT NUMBER
21003

ISSUE DATE
07-16-21

NO.	DATE	NOTES
01	07-16-21	CONSTRUCTION
02	07-16-21	CHANGE BARCELON ET

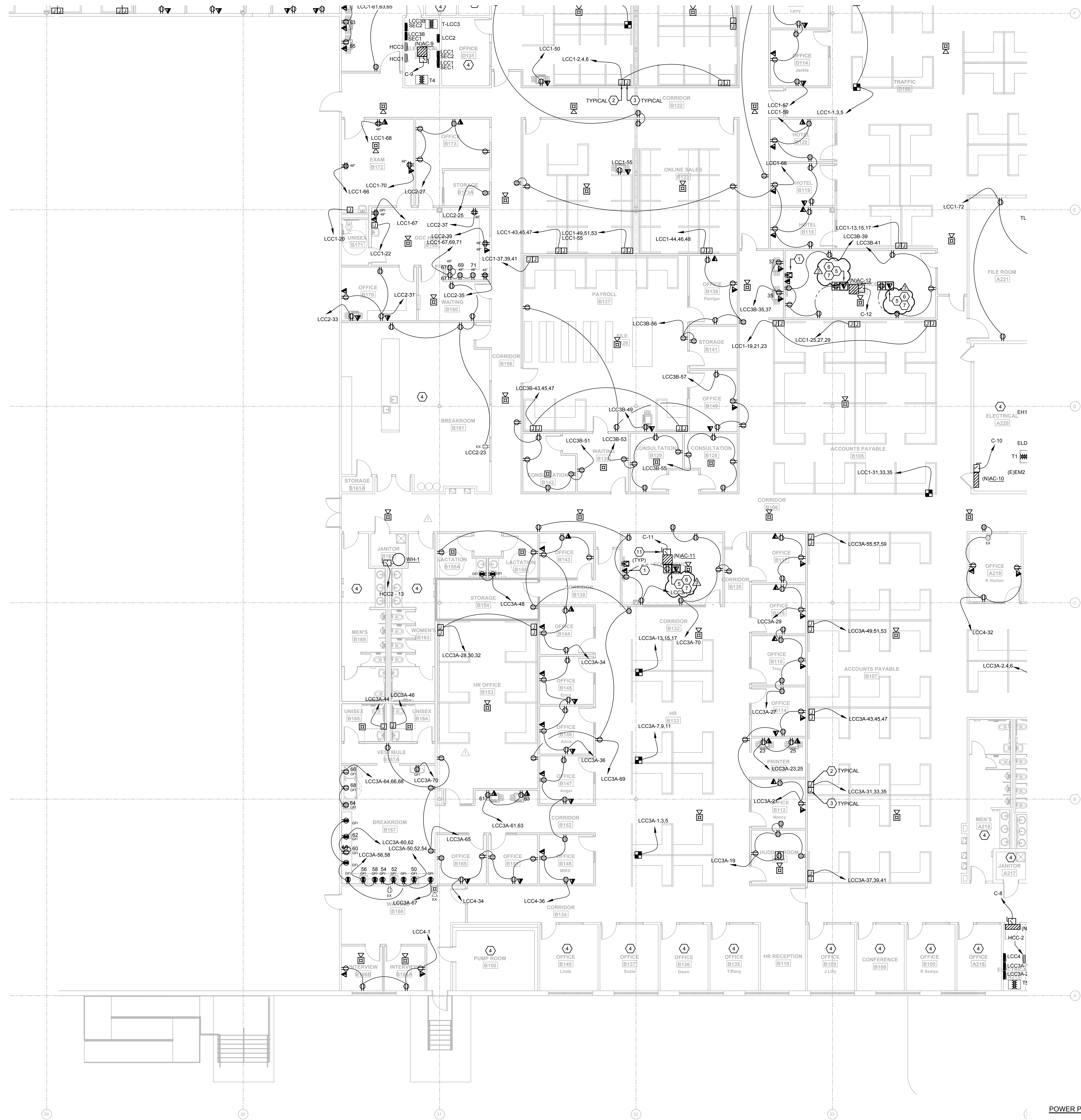
SHEET NAME
HVAC PLAN - C

SHEET NUMBER
M1.10C



HVAC PLAN - C
 1/8" = 1'-0"

ALL PROJECTS/FILES ROOMS-TO-GO RENOVATION/EXPANSION MECHANICAL HVAC LEVEL 1000 | Revised | Jan. 20, 2022 | 3:02pm



GENERAL NOTES

1. ALL RECEPTACLES WITHIN 6'-0" OF SINKS SHALL BE GFI.
2. VERIFY MOUNTING HEIGHTS OF ALL RECEPTACLES MOUNTED IN COUNTER AREAS WITH ARCHITECTURAL ELEVATIONS.
3. ALL FIRE ALARM NOTIFICATION SHALL BE CEILING MOUNTED WHERE APPLICABLE.
4. PROVIDE NO. 10 WIRE IN LIEU OF NO. 12 WIRE FOR ANY BRANCH CIRCUIT EXCESS OF 100 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP. PROVIDE NO. 8 WIRE IN LIEU OF NO. 10 WIRE FOR ANY BRANCH CIRCUIT IN EXCESS OF 160 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP.
5. PROVIDE IN-WALL BLOCKING FOR ALL AV AND ASSOCIATED TELEVISIONS. COORDINATE WITH ARCHITECT.

KEYNOTE LEGEND

1. PROVIDE LOW VOLTAGE/POWER RECESSED BOX EQUAL TO ARLINGTON #TVB505. COORDINATE LOCATION WITH OWNER/ARCHITECT.
2. J-BOX OF ADEQUATE SIZE FOR MODULAR FURNITURE CONNECTION. PROVIDE BUSHED OPENING OPENING IN COVER TO ALL MODULAR FURNITURE WHIP CONNECTION. MOUNT 18" AFF UNLESS INSTRUCTED OTHERWISE BY FURNITURE SYSTEM VENDOR.
3. J-BOX FOR MODULAR FURNITURE STRUCTURE CABLING. PROVIDE 1-1/4" EMPTY CONDUIT WITH PULL-STRING STUBBED 6" ABOVE ACCESSIBLE CEILING. MOUNT 18" AFF UNLESS INSTRUCTED OTHERWISE BY FURNITURE SYSTEM VENDOR.
4. EXISTING POWER AND SYSTEMS TO REMAIN.
5. INSTALL 1" CONDUIT FROM DATA COMPARTMENT TO 6" ABOVE ACCESSIBLE CEILING.
6. INSTALL 2" CONDUIT FROM DATA COMPARTMENT TO 6" ABOVE ACCESSIBLE CEILING.
7. LEGRAND EFB45S-0G COMPLETE WITH TWO DUPLEX RECEPTACLES AND EFB45CTGBK COVERPLATE.
8. PROTECTED WITH GFI BREAKER.
9. LEGRAND EFB45S-0G COMPLETE WITH DUPLEX RECEPTACLE AND EFB45CTGBK COVERPLATE.
10. WIRE COMPLETE WITH 2#10 AND 1#10EG - 3/4".
11. REFER TO MECHANICAL EQUIPMENT SCHEDULE FOR ELECTRICAL INFORMATION.

EMERALD ENGINEERING INC.
 9942 CURRIE DAVIS DR. STE H, TAMPA, FL 33619
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 EEL PROJECT # 210120

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11540 E US-92
 SEFFNER, FLORIDA 33584

ROOMS TO GO
OFFICES RENOVATION AND EXPANSION

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PERMIT SET

ADAM T. POWELL PE
 FL REG. NO. PE73853
 S/S Date

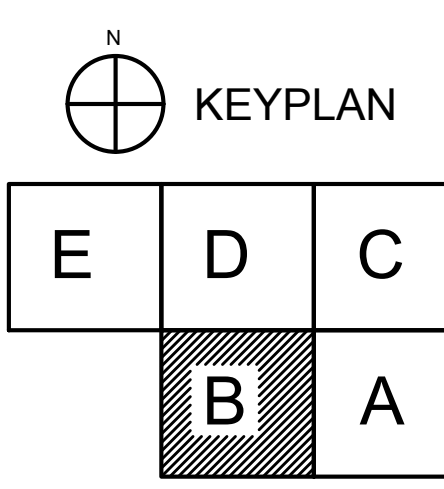
FGA PROJECT NUMBER
21003

ISSUE DATE
07-16-21

NO.	DATE	NOTES
01	07-16-21	ADDITIONAL WORK
02	07-16-21	CHANGE BULKHEAD

SHEET NAME
POWER PLAN - B

SHEET NUMBER
E1.10B



POWER PLAN - B 1
 1/8" = 1'-0"

A:\PROJECTS\21003 ROOMS-TO-GO RENOVATION\POWER\21003 ELECTRICAL POWER PLAN - B.dwg | Jun 14, 2021 - 10:06am



- ### GENERAL NOTES
1. ALL RECEPTACLES WITHIN 6'-0" OF SINKS SHALL BE GFI.
 2. VERIFY MOUNTING HEIGHTS OF ALL RECEPTACLES MOUNTED IN COUNTER AREAS WITH ARCHITECTURAL ELEVATIONS.
 3. ALL FIRE ALARM NOTIFICATION SHALL BE CEILING MOUNTED WHERE APPLICABLE.
 4. PROVIDE NO. 10 WIRE IN LIEU OF NO. 12 WIRE FOR ANY BRANCH CIRCUIT EXCESS OF 100 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP. PROVIDE NO. 8 WIRE IN LIEU OF NO. 10 WIRE FOR ANY BRANCH CIRCUIT IN EXCESS OF 160 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP.
 5. PROVIDE IN-WALL BLOCKING FOR ALL TV AND ASSOCIATED TELEVISIONS. COORDINATE WITH ARCHITECT.

- ### KEYNOTE LEGEND
1. PROVIDE LOW VOLTAGE/POWER RECESSED BOX EQUAL TO ARLINGTON #TBSU05. COORDINATE LOCATION WITH OWNER/ARCHITECT.
 2. J-BOX OF ADEQUATE SIZE FOR MODULAR FURNITURE CONNECTION. PROVIDE BUSHED OPENING OPENING IN COVER TO ALL MODULAR FURNITURE WHIP CONNECTION. MOUNT 18" AFF UNLESS INSTRUCTED OTHERWISE BY FURNITURE SYSTEM VENDOR.
 3. J-BOX FOR MODULAR FURNITURE STRUCTURE CABLING. PROVIDE 1-1/4" EMPTY CONDUIT WITH PULL-STRING STUBBED 6" ABOVE ACCESSIBLE CEILING. MOUNT 18" AFF UNLESS INSTRUCTED OTHERWISE BY FURNITURE SYSTEM VENDOR.
 4. EXISTING POWER AND SYSTEMS TO REMAIN. UNLESS NOTED OTHERWISE.
 5. INSTALL 1" CONDUIT FROM DATA COMPARTMENT TO 6" ABOVE ACCESSIBLE CEILING.
 6. INSTALL 2" CONDUIT FROM DATA COMPARTMENT TO 6" ABOVE ACCESSIBLE CEILING.
 7. LEGRAND EFB45S-OG COMPLETE WITH TWO DUPLEX RECEPTACLES AND EFB45CTCBK COVERPLATE.
 8. PROTECTED WITH GFI BREAKER.
 9. LEGRAND EFB45S-OG COMPLETE WITH DUPLEX RECEPTACLE AND EFB45CTCBK COVERPLATE.
 10. WIRE COMPLETE WITH #10 AND #10EG - 3/4"C.
 12. REFER TO MECHANICAL EQUIPMENT SCHEDULE FOR ELECTRICAL INFORMATION.

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 WWW.FLEISCHMANGARCIA.COM

ADAM T. POWELL PE
 FL REG. NO. PE73853
 S/S Date

ROOMS TO GO OFFICES RENOVATION AND EXPANSION

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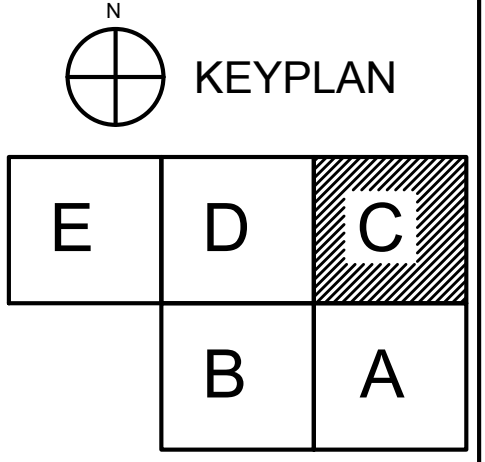
FGA PROJECT NUMBER
21003

ISSUE DATE
07-16-21

NO.	DATE	REVISIONS
01	07-16-21	ADDITIONAL WORK
02	07-16-21	CHANGE BULKHEAD IN 21

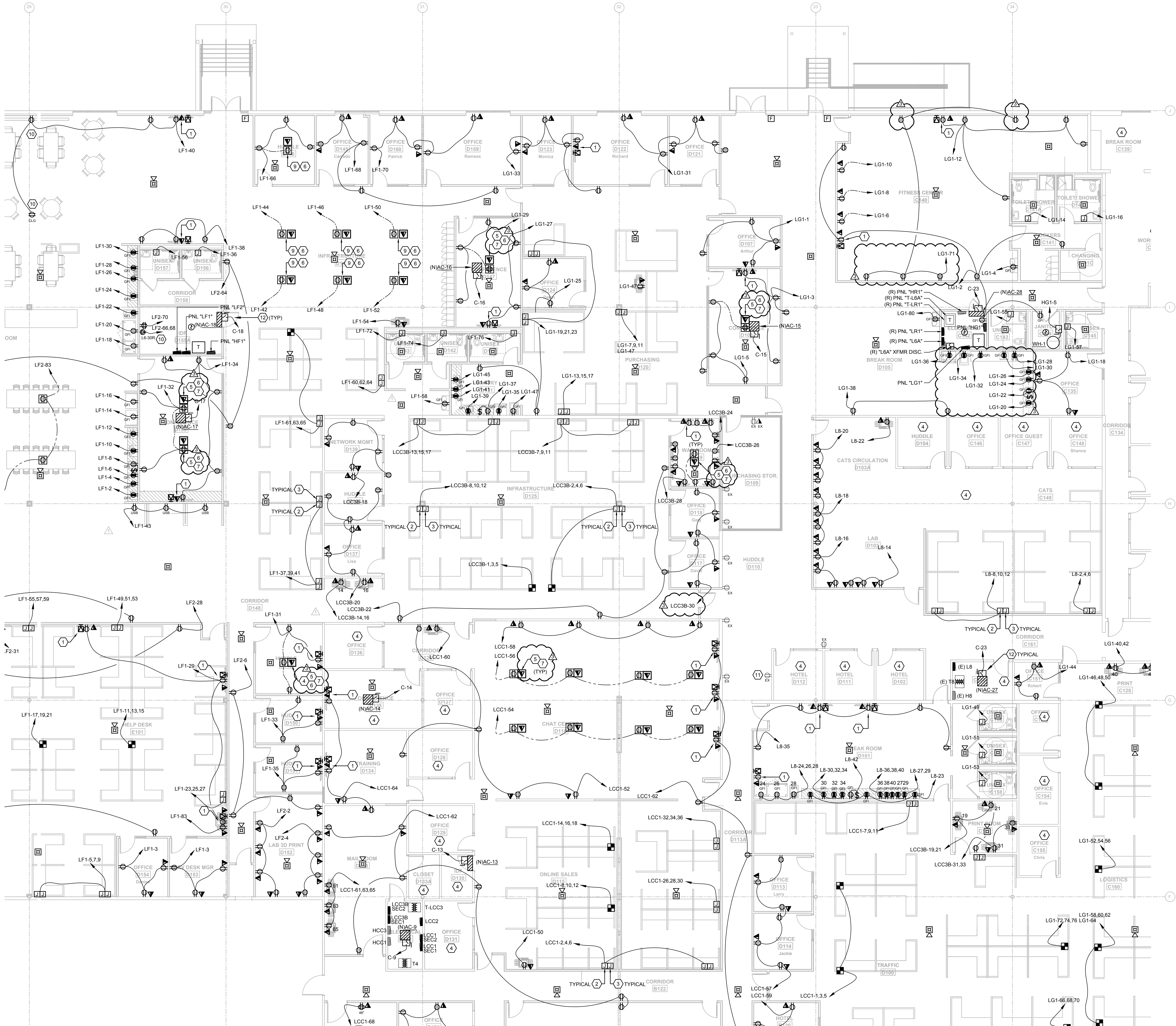
SHEET NAME
POWER PLAN - C

SHEET NUMBER
E1.10C



POWER PLAN - C
 1/8" = 1'-0"

A:\PROJECTS\21003\21003-00-00-RENOVATION\POWER\21003 ELECTRICAL POWER (REV. L786) (Date: 07/16/21) - 10:00am



GENERAL NOTES

1. ALL RECEPTACLES WITHIN 6'-0" OF SINKS SHALL BE GF.
2. VERIFY MOUNTING HEIGHTS OF ALL RECEPTACLES MOUNTED IN COUNTER AREAS WITH ARCHITECTURAL ELEVATIONS.
3. ALL FIRE ALARM NOTIFICATION SHALL BE CEILING MOUNTED WHERE APPLICABLE.
4. PROVIDE NO. 10 WIRE IN LIEU OF NO. 12 WIRE FOR ANY BRANCH CIRCUIT EXCESS OF 100 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP. PROVIDE NO. 8 WIRE IN LIEU OF NO. 10 WIRE FOR ANY BRANCH CIRCUIT IN EXCESS OF 160 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP.
5. PROVIDE IN-WALL BLOCKING FOR ALL TV AND ASSOCIATED TELEVISIONS. COORDINATE WITH ARCHITECT.

KEYNOTE LEGEND

1. PROVIDE LOW VOLTAGE/POWER RECESSED BOX EQUAL TO ARLINGTON #VBUS05. COORDINATE LOCATION WITH OWNER/ARCHITECT.
2. J-BOX OF ADEQUATE SIZE FOR MODULAR FURNITURE CONNECTION. PROVIDE BUSHED OPENING OPENING IN COVER TO ALL MODULAR FURNITURE WHIP CONNECTION. MOUNT 18" AFF UNLESS INSTRUCTED OTHERWISE BY FURNITURE SYSTEM VENDOR.
3. J-BOX FOR MODULAR FURNITURE STRUCTURE CABLING. PROVIDE 1-1/4" EMPTY CONDUIT WITH PULL-STRING STUBBED 6" ABOVE ACCESSIBLE CEILING. MOUNT 18" AFF UNLESS INSTRUCTED OTHERWISE BY FURNITURE SYSTEM VENDOR.
4. EXISTING POWER AND SYSTEMS TO REMAIN.
5. INSTALL 1" CONDUIT FROM DATA COMPARTMENT TO 6" ABOVE ACCESSIBLE CEILING.
6. INSTALL 2" CONDUIT FROM DATA COMPARTMENT TO 6" ABOVE ACCESSIBLE CEILING.
7. LEGRAND EFB45S-0G COMPLETE WITH TWO DUPLEX RECEPTACLES AND EFB45CTCBK COVERPLATE.
8. PROTECTED WITH GF BREAKER.
9. LEGRAND EFB45S-0G COMPLETE WITH DUPLEX RECEPTACLE AND EFB45CTCBK COVERPLATE.
10. WIRE COMPLETE WITH 2#10 AND #10EG - 3/4".
11. REMOVE EXISTING OCCUPANCY CONTROL FROM RECEPTACLE.
12. REFER TO MECHANICAL EQUIPMENT SCHEDULE FOR ELECTRICAL INFORMATION.

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ADAM T. POWELL PE
 FL REG. NO. PE73853
 S/S Date

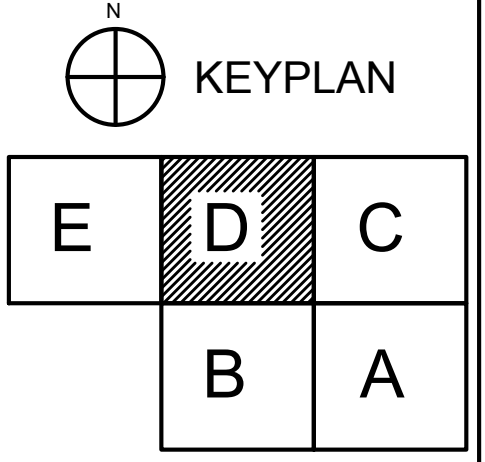
FGA PROJECT NUMBER
 21003

ISSUE DATE
 07-16-21

NO.	DATE	REVISIONS
01	07-16-21	ADDITIONAL WORK
02	07-16-21	CHANGE BULKHEAD

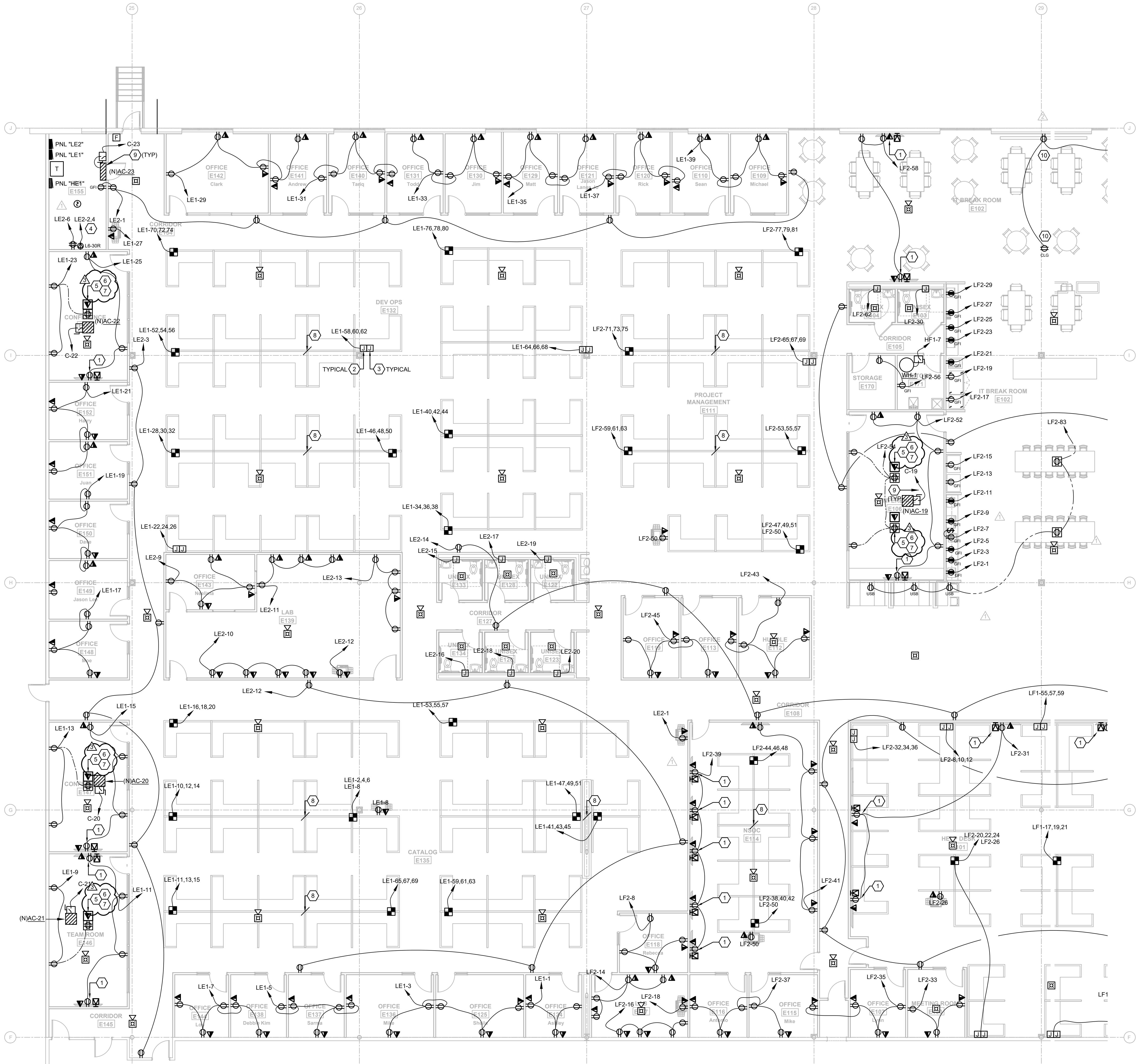
SHEET NAME
 POWER PLAN - D

SHEET NUMBER
 E1.10D



POWER PLAN - D 1
 1/8" = 1'-0"

A:\PROJECTS\21003 ROOMS TO GO RENOVATION AND EXPANSION\21003 ELECTRICAL POWER\01-10 POWER PLAN - D.rvt
 Date: 07/16/21 10:53am



GENERAL NOTES

1. ALL RECEPTACLES WITHIN 6'-0" OF SINKS SHALL BE GFI.
2. VERIFY MOUNTING HEIGHTS OF ALL RECEPTACLES MOUNTED IN COUNTER AREAS WITH ARCHITECTURAL ELEVATIONS.
3. ALL FIRE ALARM NOTIFICATION SHALL BE CEILING MOUNTED WHERE APPLICABLE.
4. PROVIDE NO. 10 WIRE IN LIEU OF NO. 12 WIRE FOR ANY BRANCH CIRCUIT EXCESS OF 100 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP. PROVIDE NO. 8 WIRE IN LIEU OF NO. 10 WIRE FOR ANY BRANCH CIRCUIT IN EXCESS OF 160 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP.
5. PROVIDE IN-WALL BLOCKING FOR ALL AV AND ASSOCIATED TELEVISIONS. COORDINATE WITH ARCHITECT.

KEYNOTE LEGEND

1. PROVIDE LOW VOLTAGE/POWER RECESSED BOX EQUAL TO ARLINGTON #TBU505. COORDINATE LOCATION WITH OWNER/ARCHITECT.
2. J-BOX OF ADEQUATE SIZE FOR MODULAR FURNITURE CONNECTION. PROVIDE BUSHED OPENING OPENING IN COVER TO ALL MODULAR FURNITURE WHIP CONNECTION. MOUNT 18" AFF UNLESS INSTRUCTED OTHERWISE BY FURNITURE SYSTEM VENDOR.
3. J-BOX FOR MODULAR FURNITURE STRUCTURE CABLING. PROVIDE 1-1/4" EMPTY CONDUIT WITH PULL-STRING STUBBED 6" ABOVE ACCESSIBLE CEILING. MOUNT 18" AFF UNLESS INSTRUCTED OTHERWISE BY FURNITURE SYSTEM VENDOR.
4. WIRE COMPLETE WITH 2#10 AND 1#10EG - 3/4".
5. INSTALL 1" CONDUIT FROM DATA COMPARTMENT TO 6" ABOVE ACCESSIBLE CEILING.
6. INSTALL 2" CONDUIT FROM DATA COMPARTMENT TO 6" ABOVE ACCESSIBLE CEILING.
7. LEGRAND EFB45S-OG COMPLETE WITH TWO DUPLEX RECEPTACLES AND EFB45CTCBK COVERPLATE.
8. MAKE FURNITURE DISCONTINUOUS AT THIS POINT.
9. REFER TO MECHANICAL EQUIPMENT SCHEDULE FOR ELECTRICAL INFORMATION.
10. COORDINATE LOCATION OF ELECTRICAL WITH OWNER PROVIDED PROJECTOR AND PROJECTOR SCREEN.

EMERALD ENGINEERING INC.
 9942 CURRIE DAVIS DR. STE H, TAMPA, FL 33619
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 WWW.EMERALDPEF.COM
 EOI PROJECT # 210120

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 SEFFNER, FLORIDA 33584

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 FL REG. NO. PE73853
 S/S Date

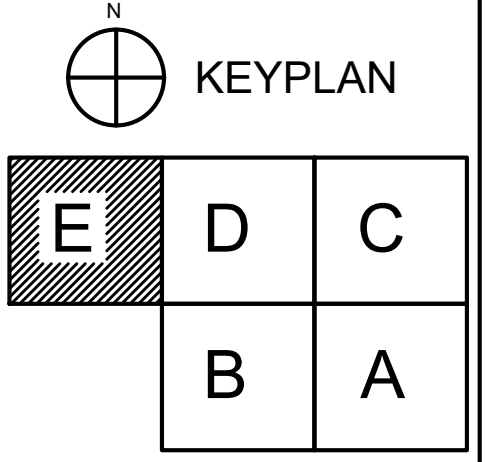
FGA PROJECT NUMBER
 21003

ISSUE DATE
 07-16-21

NO.	DATE	NOTES
01	07-16-21	ADDITION #2
02	07-16-21	ADDITION #1
03	07-16-21	CHANGE BULLETIN #1

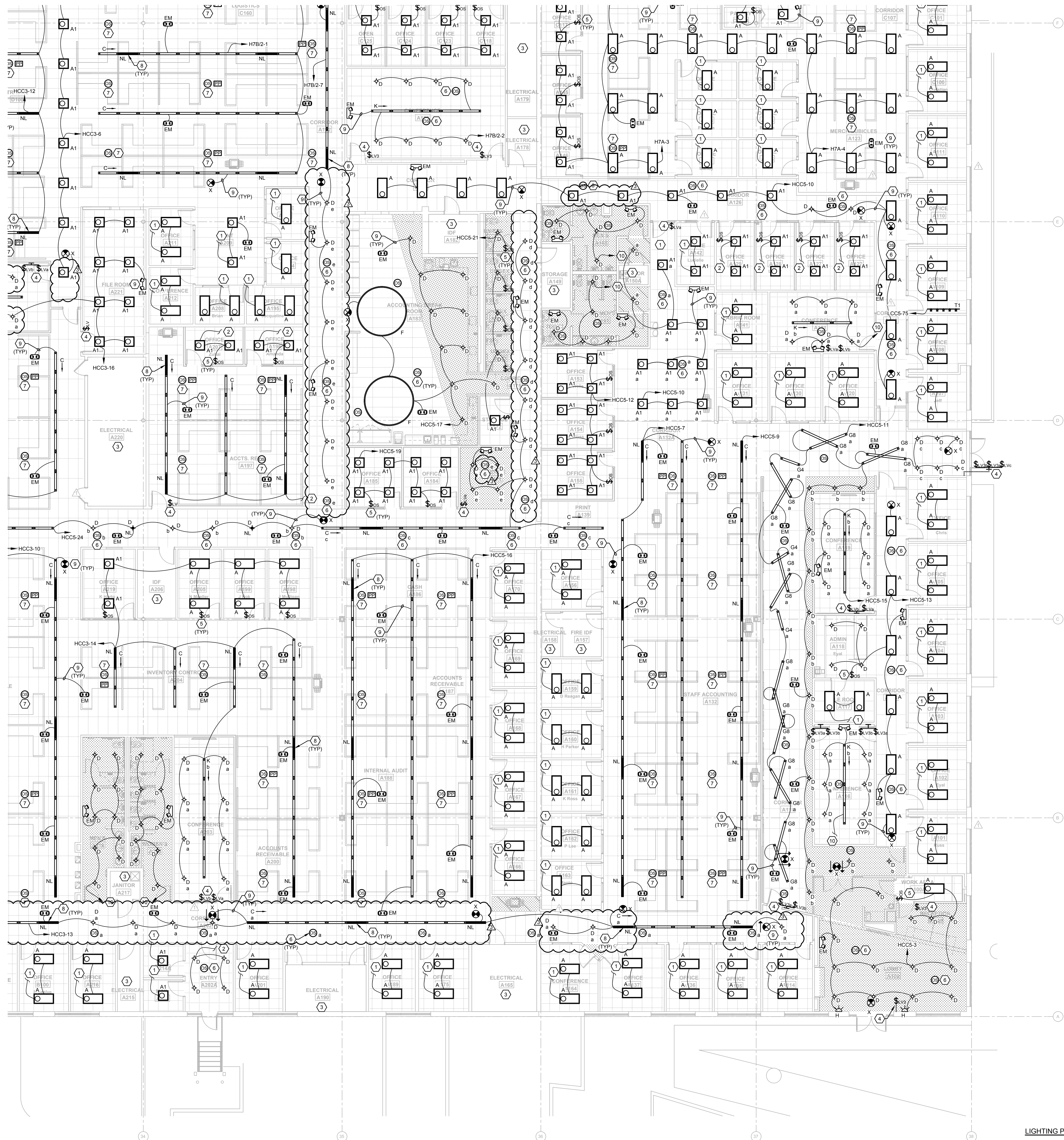
SHEET NAME
 POWER PLAN - E

SHEET NUMBER
 E1.10E



POWER PLAN - E 1
 1/8" = 1'-0"

A:\PROJECTS\21003 ROOMS TO GO RENOVATION\POWER\21003 ELECTRICAL POWER (E1) (DWG) [User: J. Powell] Date: 07-16-21 2:23pm



GENERAL NOTES

- REFER TO ARCHITECTURAL DRAWINGS FOR ALL DEVICE LOCATIONS AND FINISHES PRIOR TO CONSTRUCTION.
- WIRE COUNTS FOR CIRCUIT CONDUCTORS ARE NOT SHOWN. PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE CIRCUIT AND SWITCHING CONNECTIONS SHOWN.
- MODIFICATIONS TO NUMBER OF CONDUCTORS IN HOME RUNS IN ADDITION TO CIRCUITS INDICATED ON THIS DRAWING ARE PROHIBITED.
- PROVIDE OCCUPANCY SENSORS AND ALL ASSOCIATED HARDWARE, POWER PACKS AND/OR TRANSFORMERS AS REQUIRED FOR A COMPLETE INSTALLATION PER MANUFACTURER REQUIREMENTS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS INDICATING DESIRED COVERAGE. IN LOCATIONS WHERE NO WALL SWITCH IS SHOWN THE OCCUPANCY SWITCH SHALL SERVE AS THE ONLY SWITCHING MEANS. IN LOCATIONS WHERE WALL SWITCHES ARE PROVIDED, THE WALL SWITCHES SHALL BE WIRED TO ACT AS AN OVERRIDE OFF SWITCH TO THE OCCUPANCY SENSOR.
- PROVIDE NO. 10 WIRE IN LIEU OF NO. 12 WIRE FOR ANY BRANCH CIRCUIT EXCESS OF 100 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP. PROVIDE NO. 8 WIRE IN LIEU OF NO. 10 WIRE FOR ANY BRANCH CIRCUIT IN EXCESS OF 160 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP.
- ASSIGNED CIRCUITS ARE BASED OFF AS-BUILT DRAWINGS PROVIDED BY OWNER. CONTRACTOR SHALL FIELD-VERIFY CIRCUITING AND CIRCUIT AVAILABILITY PRIOR TO DEMOLITION AND CONSTRUCTION.

KEYNOTE LEGEND

- CONNECT LIGHTING IN THIS SPACE TO EXISTING LOCAL LIGHTING CIRCUIT AND CONTROLS. DISCONNECT AND RE-INSTALL LIGHTING CONTROLS IN NEW CEILING WHERE APPLICABLE.
- CONNECT LIGHTING IN THIS SPACE TO EXISTING LOCAL LIGHTING CIRCUIT. CONNECT TO LOCAL CONTROLS AS SHOWN.
- LIGHTING AND CONTROLS IN THIS AREA SHALL BE EXISTING TO REMAIN.
- LOW VOLTAGE MOMENTARY SWITCH. LETTER DESIGNATES CONTROL INTENT.
- DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH.
- LOW VOLTAGE DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR. COVERAGE AS REQUIRED.
- PROVIDE CEILING MOUNTED OCCUPANCY SENSOR AND REQUIRED POWER PACK FOR A MAXIMUM CONTROLLED AREA OF 600 SQFT IN OPEN OFFICE SPACE PER FBC.
- "NL" DESIGNATES NIGHT LIGHT. FIXTURE SHALL BE WIRED AHEAD OF ANY LOCAL CONTROL AND/OR SWITCHING.
- ALL EXIT AND EMERGENCY LIGHTING SHALL BE CONNECTED AHEAD OF ANY LOCAL CONTROL AND/OR SWITCHING.
- CONNECT TO EXISTING UN-SWITCHED LIGHTING CIRCUIT CURRENTLY SERVING SPACE.

EMERALD ENGINEERING INC.
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I CERTIFY TO THE BEST OF MY KNOWLEDGE THAT THESE DRAWINGS COMPLY WITH ALL RELEVANT BUILDING CODES

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ADAM T. POWELL, PE
 FL REG. NO. PE73853
 S/S Date

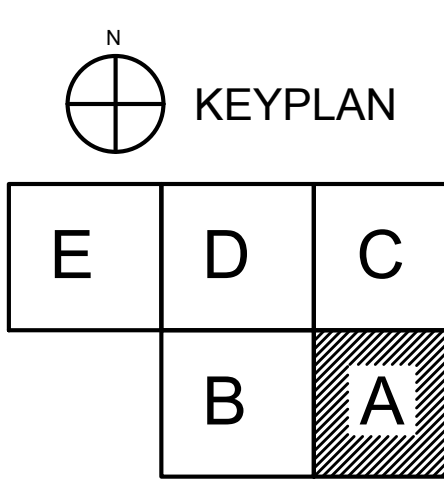
FGA PROJECT NUMBER
 21003

ISSUE DATE
 07-16-21

NO.	DATE	NOTES
01	07-16-21	CONSTRUCTION
02	07-16-21	CHANGE BULLETIN #1

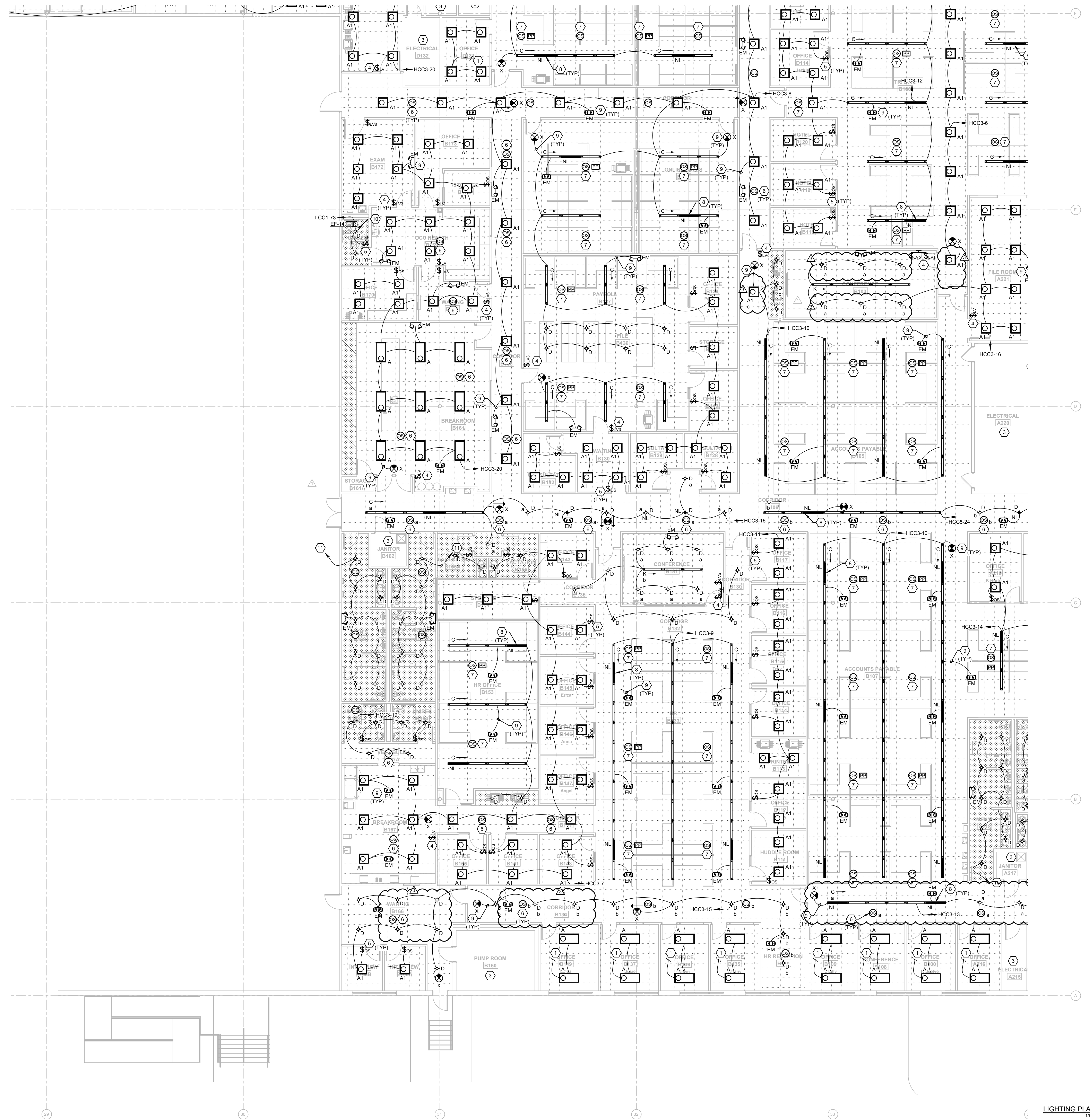
SHEET NAME
 LIGHTING PLAN - A

SHEET NUMBER
 E2.10A



LIGHTING PLAN - A
 1/8" = 1'-0"

PROJECT: 21003 ROOMS-TO-GO RENOVATION AND EXPANSION ELECTRICAL LIGHTING PLAN - A DATE: 07-16-21



GENERAL NOTES

- REFER TO ARCHITECTURAL DRAWINGS FOR ALL DEVICE LOCATIONS AND FINISHES PRIOR TO CONSTRUCTION.
- WIRE COUNTS FOR CIRCUIT CONDUCTORS ARE NOT SHOWN. PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE CIRCUIT AND SWITCHING CONNECTIONS SHOWN.
- MODIFICATIONS TO NUMBER OF CONDUCTORS IN HOME RUNS IN ADDITION TO CIRCUITS INDICATED ON THIS DRAWING ARE PROHIBITED.
- PROVIDE OCCUPANCY SENSORS AND ALL ASSOCIATED HARDWARE, POWER PACKS AND/OR TRANSFORMERS AS REQUIRED FOR A COMPLETE INSTALLATION PER MANUFACTURER REQUIREMENTS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS INDICATING DESIRED COVERAGE. IN LOCATIONS WHERE NO WALL SWITCH IS SHOWN THE OCCUPANCY SWITCH SHALL SERVE AS THE ONLY SWITCHING MEANS. IN LOCATIONS WHERE WALL SWITCHES ARE PROVIDED, THE WALL SWITCHES SHALL BE WIRED TO ACT AS AN OVERRIDE OFF SWITCH TO THE OCCUPANCY SENSOR.
- PROVIDE NO. 10 WIRE IN LIEU OF NO. 12 WIRE FOR ANY BRANCH CIRCUIT EXCESS OF 100 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP. PROVIDE NO. 8 WIRE IN LIEU OF NO. 10 WIRE FOR ANY BRANCH CIRCUIT IN EXCESS OF 100 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP.
- ASSIGNED CIRCUITS ARE BASED OFF AS-BUILT DRAWINGS PROVIDED BY OWNER. CONTRACTOR SHALL FIELD-VERIFY CIRCUITING AND CIRCUIT AVAILABILITY PRIOR TO DEMOLITION AND CONSTRUCTION.

KEYNOTE LEGEND

- CONNECT LIGHTING IN THIS SPACE TO EXISTING LOCAL LIGHTING CIRCUIT AND CONTROLS. DISCONNECT AND RE-INSTALL LIGHTING CONTROLS IN NEW CEILING WHERE APPLICABLE.
- CONNECT LIGHTING IN THIS SPACE TO EXISTING LOCAL LIGHTING CIRCUIT. CONNECT TO LOCAL CONTROLS AS SHOWN.
- LIGHTING AND CONTROLS IN THIS AREA SHALL BE EXISTING TO REMAIN.
- LOW VOLTAGE MOMENTARY SWITCH. LETTER DESIGNATES CONTROL INTENT.
- DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH.
- LOW VOLTAGE DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR, COVERAGE AS REQUIRED.
- PROVIDE CEILING MOUNTED OCCUPANCY SENSOR AND REQUIRED POWER PACK FOR A MAXIMUM CONTROLLED AREA OF 600 SQFT IN OPEN OFFICE SPACE PER FBC.
- "NL" DESIGNATES NIGHT LIGHT. FIXTURE SHALL BE WIRED AHEAD OF ANY LOCAL CONTROL AND/OR SWITCHING.
- ALL EXIT AND EMERGENCY LIGHTING SHALL BE CONNECTED AHEAD OF ANY LOCAL CONTROL AND/OR SWITCHING.
- PROVIDE RELAY WITH 277V COIL FOR FAN INTERLOCK WITH LIGHTING CONTROL. PROVIDE 120V CIRCUIT FOR FAN POWER VIA RELAY CONTACTS. REFER TO MECHANICAL DRAWINGS FOR FURTHER INFORMATION.
- CONNECT TO EXISTING UN-SWITCHED LIGHTING CIRCUIT CURRENTLY SERVING SPACE.

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PERMIT SET

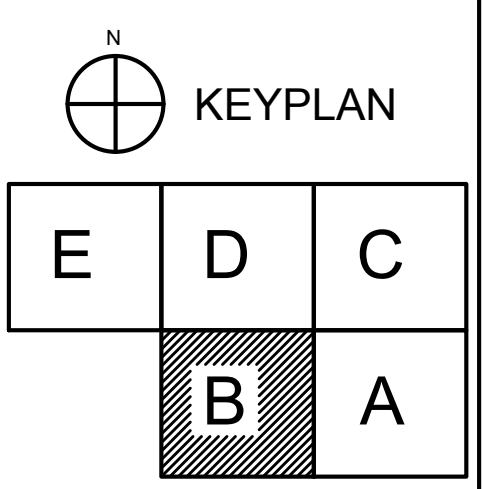
ADAM T. POWELL PE
 FL REG. NO. PE73853
 S/S Date

FGA PROJECT NUMBER
 21003

ISSUE DATE
 07-16-21

NO.	DATE	REVISIONS	NOTES
1	07-16-21	ADDITIONAL	
2	07-16-21	CHANGE BULKY IN B1	

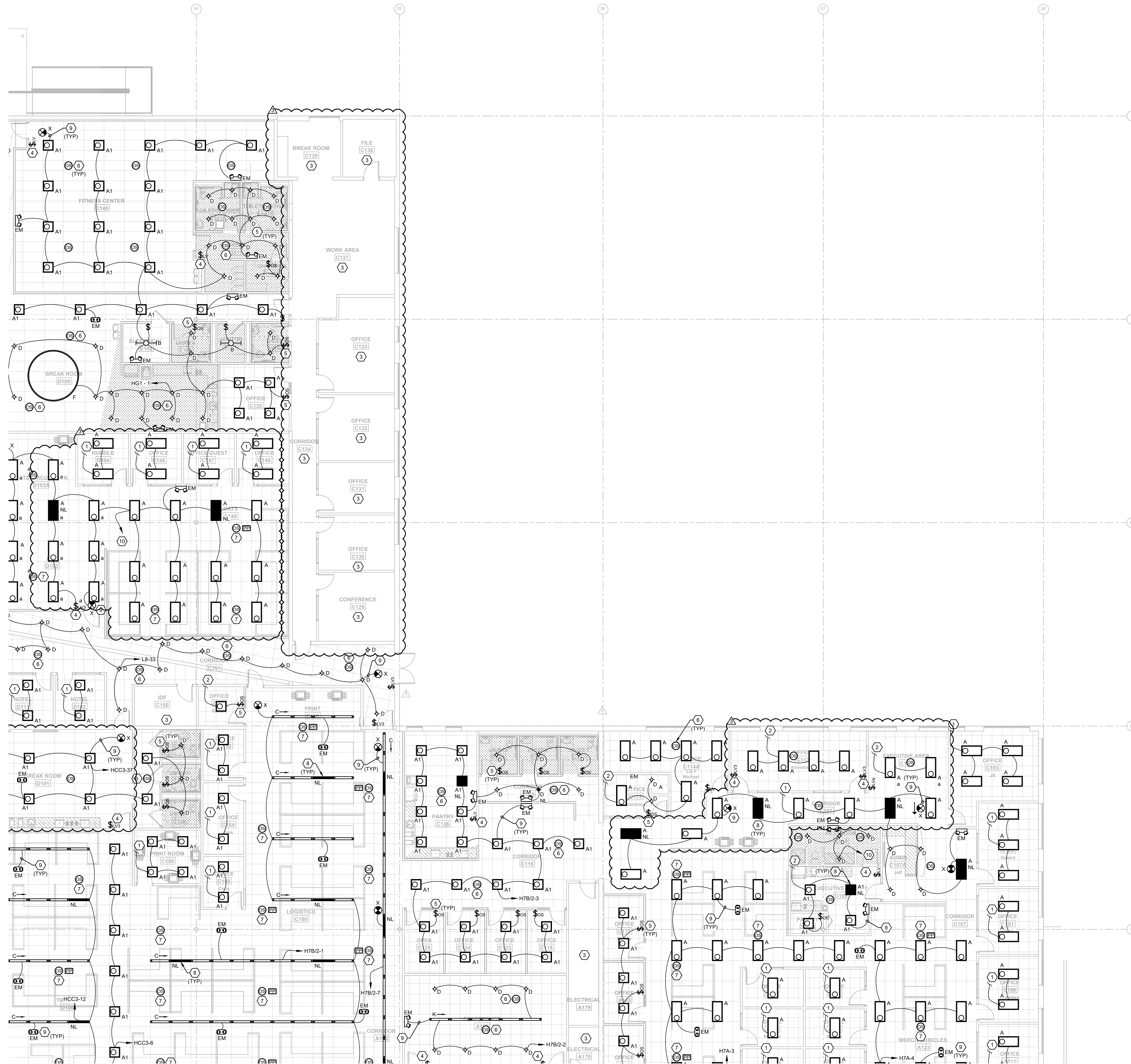
SHEET NAME
 LIGHTING PLAN - B



SHEET NUMBER
E2.10B

U:\PROJECTS\21003 ROOMS-TO-GO RENOVATION\WORKBOOKS\ELECTRICAL LIGHTING PLAN - B.dwg | Date: 12/20/21 | 4:18pm

LIGHTING PLAN - B
 1/8" = 1'-0"



GENERAL NOTES

- REFER TO ARCHITECTURAL DRAWINGS FOR ALL DEVICE LOCATIONS AND FINISHES PRIOR TO CONSTRUCTION.
- WIRE COUNTS FOR CIRCUIT CONDUCTORS ARE NOT SHOWN. PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE CIRCUIT AND SWITCHING CONNECTIONS SHOWN.
- MODIFICATIONS TO NUMBER OF CONDUCTORS IN HOME RUNS IN ADDITION TO CIRCUITS INDICATED ON THIS DRAWING ARE PROHIBITED.
- PROVIDE OCCUPANCY SENSORS AND ALL ASSOCIATED HARDWARE, POWER PACKS AND/OR TRANSFORMERS AS REQUIRED FOR A COMPLETE INSTALLATION PER MANUFACTURER REQUIREMENTS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS INDICATING DESIRED COVERAGE IN LOCATIONS WHERE NO WALL SWITCH IS SHOWN. THE OCCUPANCY SWITCH SHALL SERVE AS THE ONLY SWITCHING MEANS. IN LOCATIONS WHERE WALL SWITCHES ARE PROVIDED, THE WALL SWITCHES SHALL BE WIRED TO ACT AS AN OVERRIDE OFF SWITCH TO THE OCCUPANCY SENSOR.
- PROVIDE NO. 10 WIRE IN LIEU OF NO. 12 WIRE FOR ANY BRANCH CIRCUIT EXCESS OF 100 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP. PROVIDE NO. 8 WIRE IN LIEU OF NO. 10 WIRE FOR ANY BRANCH CIRCUIT IN EXCESS OF 160 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP.
- ASSIGNED CIRCUITS ARE BASED OFF AS-BUILT DRAWINGS PROVIDED BY OWNER. CONTRACTOR SHALL FIELD-VERIFY CIRCUITING AND CIRCUIT AVAILABILITY PRIOR TO DEMOLITION AND CONSTRUCTION.

KEYNOTE LEGEND

- CONNECT LIGHTING IN THIS SPACE TO EXISTING LOCAL LIGHTING CIRCUIT AND CONTROLS. DISCONNECT AND RE-INSTALL LIGHTING CONTROLS IN NEW CEILING WHERE APPLICABLE.
- CONNECT LIGHTING IN THIS SPACE TO EXISTING LOCAL LIGHTING CIRCUIT. CONNECT TO LOCAL CONTROLS AS SHOWN.
- LIGHTING AND CONTROLS IN THIS AREA SHALL BE EXISTING TO REMAIN.
- LOW VOLTAGE MOMENTARY SWITCH, LETTER DESIGNATES CONTROL INTENT.
- DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH.
- LOW VOLTAGE DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR, COVERAGE AS REQUIRED.
- PROVIDE CEILING MOUNTED OCCUPANCY SENSOR AND REQUIRED POWER PACK FOR A MAXIMUM CONTROLLED AREA OF 800 SQFT IN OPEN OFFICE SPACE PER FBC.
- "NL" DESIGNATES NIGHT LIGHT, FIXTURE SHALL BE WIRED AHEAD OF ANY LOCAL CONTROL AND/OR SWITCHING.
- ALL EXIT AND EMERGENCY LIGHTING SHALL BE CONNECTED AHEAD OF ANY LOCAL CONTROL AND/OR SWITCHING.
- CONNECT TO EXISTING UN-SWITCHED LIGHTING CIRCUIT CURRENTLY SERVING SPACE.

EMERALD ENGINEERING INC.
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 EEI PROJECT # 210120

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 WWW.FLEISCHMANGARCIA.COM

ROOMS TO GO
 OFFICES RENOVATION AND EXPANSION

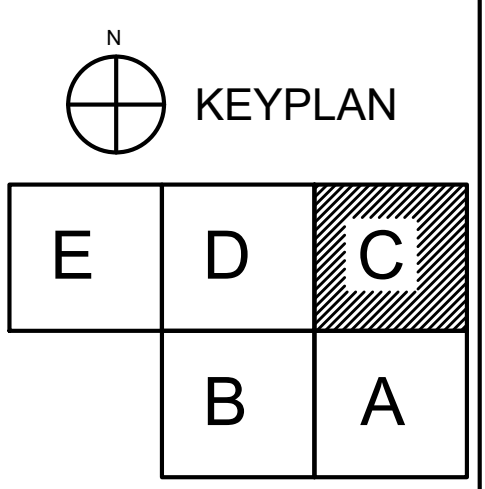
11540 E US-92
 SEFFNER, FLORIDA 33584

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CERTIFY TO THE BEST OF MY KNOWLEDGE THAT THESE DRAWINGS COMPLY WITH ALL RELEVANT BUILDING CODES

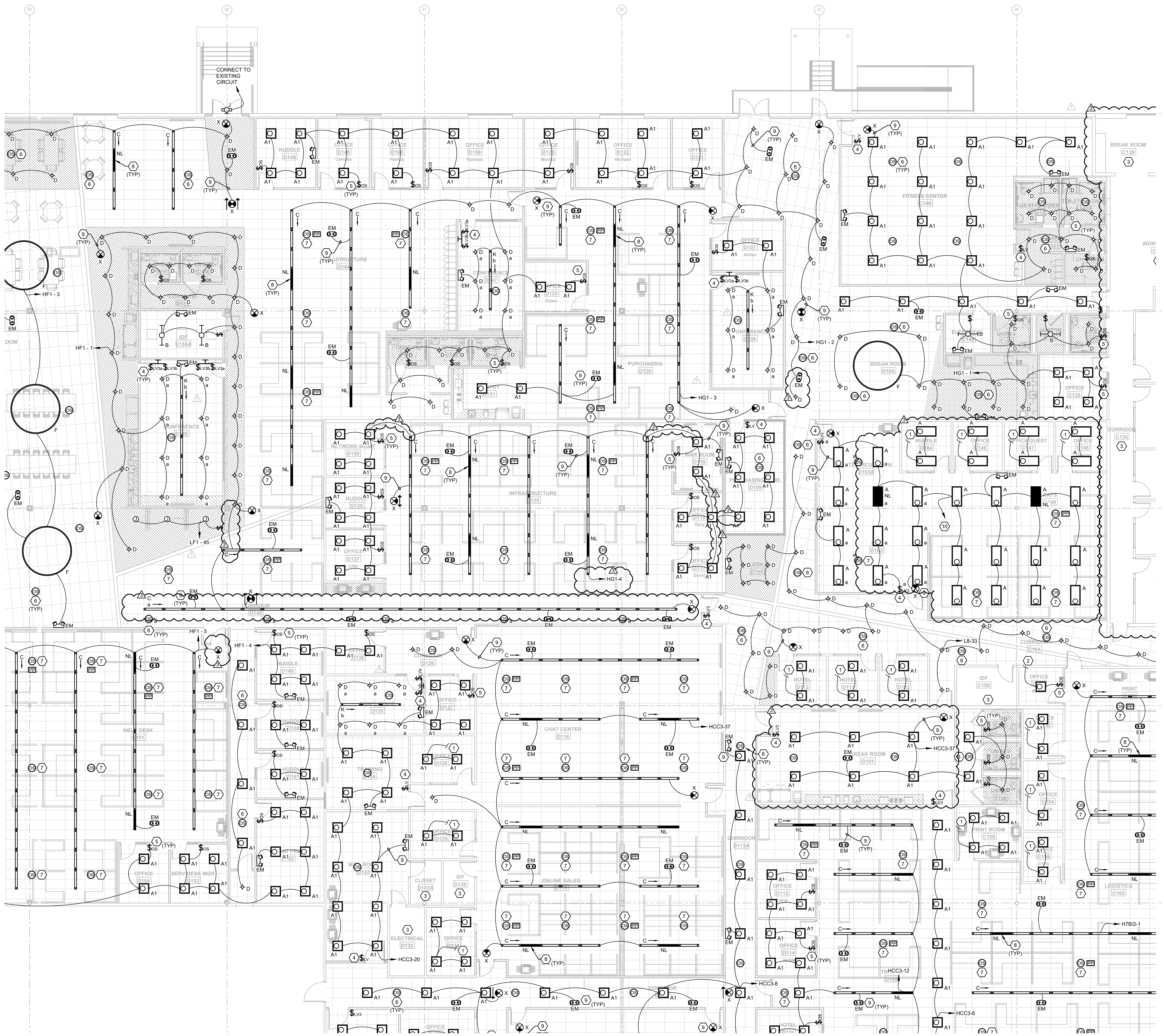
PERMIT SET

ADAM T. POWELL PE FL REG. NO. PE73853		
S/S Date		
FGA PROJECT NUMBER	21003	
ISSUE DATE	07-16-21	
REVISIONS		
NO.	DATE	NOTES
1	08-13-21	ADDendum
2	08-23-21	CHANGE BULB TYPE TO
SHEET NAME		LIGHTING PLAN - C
SHEET NUMBER		E2.10C



LIGHTING PLAN - C
 1/8" = 1'-0"

11540 E US-92 ROOMS TO GO OFFICES RENOVATION AND EXPANSION ELECTRICAL LIGHTING PLAN - C Owner: Jan. 20, 2022 - 2:00pm



GENERAL NOTES

- REFER TO ARCHITECTURAL DRAWINGS FOR ALL DEVICE LOCATIONS AND FINISHES PRIOR TO CONSTRUCTION.
- WIRE COUNTS FOR CIRCUIT CONDUCTORS ARE NOT SHOWN. PROVIDE PROPER NUMBER OF CONDUCTORS TO ACHIEVE CIRCUIT AND SWITCHING CONNECTIONS SHOWN.
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- PROVIDE NO. 10 WIRE IN LIEU OF NO. 12 WIRE FOR ANY BRANCH CIRCUIT EXCESS OF 100 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP. PROVIDE NO. 8 WIRE IN LIEU OF NO. 10 WIRE FOR ANY BRANCH CIRCUIT IN EXCESS OF 160 FEET (120V) OF CIRCUIT LENGTH TO FARTHEST DEVICE TO PREVENT EXCESSIVE VOLTAGE DROP.
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KEYNOTE LEGEND

- CONNECT LIGHTING IN THIS SPACE TO EXISTING LOCAL LIGHTING CIRCUIT AND CONTROLS. DISCONNECT AND RE-INSTALL LIGHTING CONTROLS IN NEW CEILING WHERE APPLICABLE.
- CONNECT LIGHTING IN THIS SPACE TO EXISTING LOCAL LIGHTING CIRCUIT. CONNECT TO LOCAL CONTROLS AS SHOWN.
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- LOW VOLTAGE MOMENTARY SWITCH, LETTER DESIGNATES CONTROL INTENT.
- DUAL TECHNOLOGY OCCUPANCY SENSOR SWITCH.
- LOW VOLTAGE DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR, COVERAGE AS REQUIRED.
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- CONNECT TO EXISTING UN-SWITCHED LIGHTING CIRCUIT CURRENTLY SERVING SPACE.

EMERALD ENGINEERING INC.
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 EOI PROJECT # 210120

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ROOMS TO GO
OFFICES RENOVATION AND EXPANSION
 11540 E US-92
 SEFFNER, FLORIDA 33584

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PERMIT SET

ADAM T. POWELL, PE
 FL REG. NO. PE73853
 S/S Date

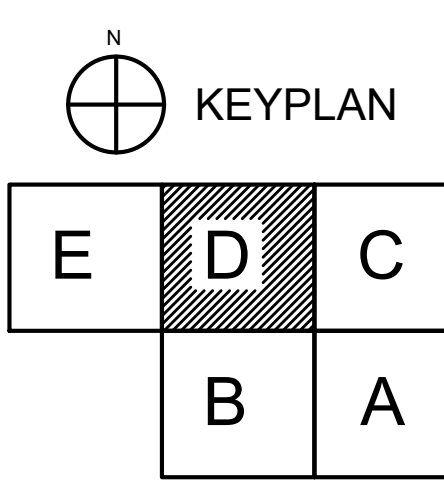
FGA PROJECT NUMBER
 21003

ISSUE DATE
 07-16-21

NO.	DATE	NOTES
01	07-16-21	ISSUE FOR PERMIT
02	07-16-21	CHANGE BULB TYPE (E1)

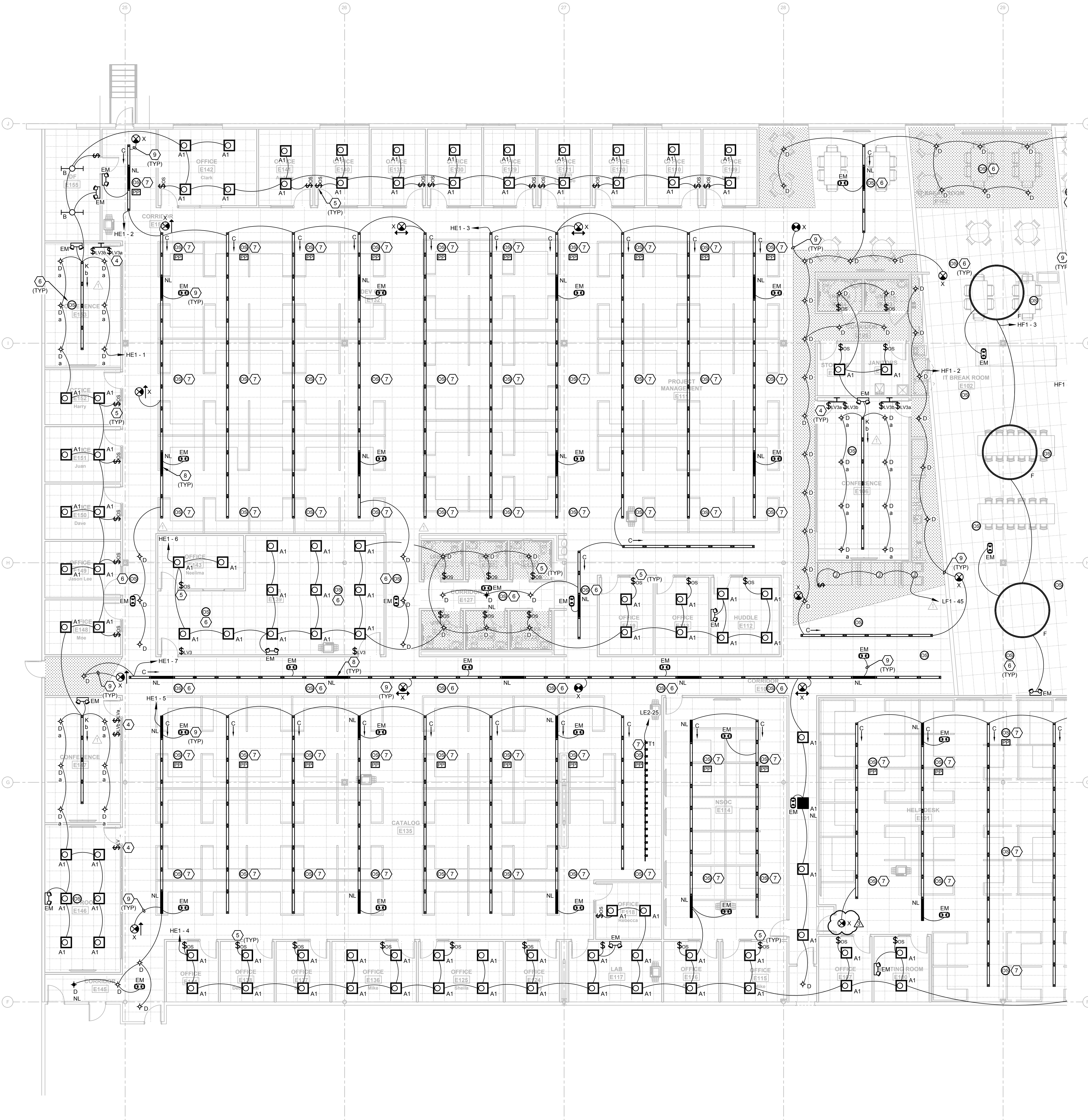
SHEET NAME
 LIGHTING PLAN - D

SHEET NUMBER
 E2.10D



LIGHTING PLAN - D
 1/8" = 1'-0"

A:\PROJECTS\21003 ROOMS TO GO RENOVATION\21003 ELEC\21003 ELEC LAYOUT LVL 1.dwg | Owner: J. Lee | Date: 06/23/2021 | 2:59pm



LIGHTING PLAN - E
100'-0" x 110'-0"

GENERAL NOTES

- REFER TO ARCHITECTURAL DRAWINGS FOR ALL DEVICE LOCATIONS AND FINISHES PRIOR TO CONSTRUCTION.
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KEYNOTE LEGEND

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- CONNECT LIGHTING IN THIS SPACE TO EXISTING LOCAL LIGHTING CIRCUIT. CONNECT TO LOCAL CONTROLS AS SHOWN.
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ROOMS TO GO
OFFICES RENOVATION AND EXPANSION
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 SEFFNER, FLORIDA 33584

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PERMIT SET

ADAM T. POWELL PE
 FL REG. NO. PE73853
 S/S Date

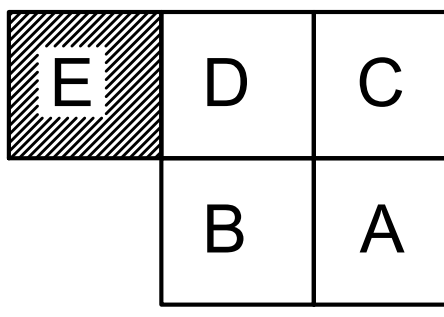
FGA PROJECT NUMBER
 21003

ISSUE DATE
 07-16-21

NO.	DATE	NOTES
01	07-16-21	ADDITIONAL WORK
02	07-16-21	CHANGE BULKHEAD

SHEET NAME
 LIGHTING PLAN - E

SHEET NUMBER
 E2.10E



PANEL "HR1"			480Y/277V, 3Ø, 4W			250A MLO			NEMA-1		
RELOCATED			VOLTAGE/PHASE			250A BUS			SURFACE		
CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA	CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA
1	20	1	EXISTING TO REMAIN		2000	2	20	1	EXISTING TO REMAIN		2000
3	20	1	EXISTING TO REMAIN		2000	4	20	1	EXISTING TO REMAIN		2000
5	20	1	EXISTING TO REMAIN		2000	6	20	1	EXISTING TO REMAIN		2000
7	20	1	EXISTING TO REMAIN		2000	8	20	1	EXISTING TO REMAIN		2000
9	20	1	EXISTING TO REMAIN		2000	10	20	1	EXISTING TO REMAIN		2000
11	20	1	EXISTING TO REMAIN		2000	12		1	SPACE		0
13		1	SPACE		0	14		1	SPACE		0
15		1	SPACE		0	16		1	SPACE		0
17		1	SPACE		0	18		1	SPACE		0
19		1	SPACE		0	20		1	SPACE		0
21		1	SPACE		0	22		1	SPACE		0
23		1	SPACE		0	24		1	SPACE		0
25		1	SPACE		0	26		1	SPACE		0
27		1	SPACE		0	28		1	SPACE		0
29		1	SPACE		0	30		1	SPACE		0
31		1	SPACE		0	32		1	SPACE		0
33		1	SPACE		0	34		1	SPACE		0
35		1	SPACE		0	36		1	SPACE		0
37					7260	38		1	SPACE		0
39	100	3	XFMR LR1		8060	40		1	SPACE		0
41					6320	42		1	SPACE		0
NOTES:					LOAD DESCRIPTION	CONNECTED LOAD (VA)	DEMAND FACTOR	DEMAND LOAD (VA)			
1.					LIGHTING	0	0.00	0			
2.					HVAC - COOL	0	0.00	0			
3.					HVAC - HEAT	0	0.00	0			
4.					RECEPTACLE	13,140	0.88	11,570			
5.					MISC	30,500	1.00	30,500			
6.					TOTAL	43,640		42,070			
7.					TOTAL DEMAND CURRENT @ 480Y/277V, 3Ø				50.6 AMPS		

PANEL "HF1"			480Y/277V, 3Ø, 4W			400A MLO			NEMA-1			COPPER BUS SOLID NEUTRAL					
RELOCATED			VOLTAGE/PHASE			400A BUS			SURFACE			SURFACE					
CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA	CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA	CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA
1	20	1	LTG - CONF D155		2002	2	20	1	LTG - CONF E106		1558						
3	20	1	LTG - IT BREAK E102		1176	4	20	1	LTG - CORR / OFFICE		2959						
5	20	1	LTG - HELP DESK E101		1900	6	20	1	SPARE		0						
7	25	1	WH-1		4500	8	20	1	SPARE		0						
9	20	1	SPARE		0	10	20	1	SPARE		0						
11	20	1	SPARE		0	12	20	1	SPARE		0						
13	20	1	SPARE		0	14	20	1	SPARE		0						
15	20	1	SPARE		0	16	20	1	SPARE		0						
17	20	1	SPARE		0	18	20	1	SPARE		0						
19	20	1	SPARE		0	20					7312						
21	20	1	SPARE		0	22		35	3	RTU-6A							
23	20	1	SPARE		0	24					7312						
25	20	1	SPARE		0	26					2880						
27	20	1	SPARE		0	28		15	3	RTU-9A							
29	20	1	SPARE		0	30					2880						
31	20	1	SPARE		0	32					11523						
33	20	1	SPARE		0	34		60	3	RTU-7A							
35	20	1	SPARE		0	36					11523						
37					37296	38					10636						
39	125	3	PANEL LF1/LF2		35204	40		50	3	RTU-4A							
41					36070	42					10636						
NOTES:					LOAD DESCRIPTION	CONNECTED LOAD (VA)	DEMAND FACTOR	DEMAND LOAD (VA)									
1.					LIGHTING	9,885	1.25	12,369									
2.					HVAC - COOL	0	0.00	0									
3.					HVAC - HEAT	0	0.00	0									
4.					RECEPTACLE	89,240	0.56	49,620									
5.					MISC	120,583	1.00	120,583									
6.					TOTAL	219,718		182,572									
7.					TOTAL DEMAND CURRENT @ 480Y/277V, 3Ø				219.6 AMPS								

PANEL "LR1"			208Y/120V, 3Ø, 4W			225A MCB			NEMA-1		
RELOCATED			VOLTAGE/PHASE			225A BUS			SURFACE		
CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA	CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA
1	20	1	BREAK ROOM GFCI		180	2	20	1	CUBICLES		540
3	20	1	MICROWAVE		1000	4	20	1	CUBICLES		540
5	20	1	GARBAGE DISPOSAL		500	6	20	1	CUBICLES		540
7	20	1	SAMPLE REFRIDGERATOR		400	8	20	1	RECEPTACLE - BIG ROOM		900
9	20	1	EXISTING		500	10	20	1	EXISTING		500
11	20	1	EXISTING		500	12	20	1	EXISTING		500
13	20	1	EXISTING		500	14	20	1	EXISTING		500
15	20	1	DISHWASHER		1000	16	20	1	UPSTAIRS OFF		540
17	20	1	BREAK ROOM GFCI		180	18	20	1	UPSTAIRS OFF		540
19	20	1	BREAK ROOM GFCI		180	20	20	1	UPSTAIRS TV		540
21	20	1	COPIER AREA		1000	22		1	SPACE		0
23	20	1	CONFERENCE RM RECEPT		540	24	20	1	REFRIGERATOR		800
25	20	1	ROOM RECEPT		540	26	20	1	STORAGE ROOM		540
27	20	1	IN AND OUT RECEPT		540	28	20	1	ROOM RECEPT		540
29	20	1	EXISTING		500	30	20	1	ROOM RECEPT		540
31	20	1	UPSTAIRS OFFICE		900	32	20	1	EXISTING		500
33	20	1	UPSTAIRS OFFICE		900	34	20	1	EXISTING		500
35	20	1	A.C. RECEPT		180	36	20	1	EXISTING		500
37	20	1	UPSTAIRS OFFICE		540	38	20	1	EXISTING		500
39		1	SPACE		0	40	20	1	EXISTING		500
41		1	SPACE		0	42	20	1	EXISTING		500
NOTES:					LOAD DESCRIPTION	CONNECTED LOAD (VA)	DEMAND FACTOR	DEMAND LOAD (VA)			
1.					LIGHTING	0	0.00	0			
2.					HVAC - COOL	0	0.00	0			
3.					HVAC - HEAT	0	0.00	0			
4.					RECEPTACLE	13,140	0.88	11,570			
5.					MISC	8,500	1.00	8,500			
6.					TOTAL	21,640		20,070			
7.					TOTAL DEMAND CURRENT @ 208Y/120V, 3Ø				55.7 AMPS		

PANEL "LF1"			208Y/120V, 3Ø, 4W			250A MCB			NEMA-1			COPPER BUS SOLID NEUTRAL					
RELOCATED			VOLTAGE/PHASE			250A BUS			SURFACE			SURFACE					
CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA	CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA	CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA
1	20	1	RECEPTACLES		540	2	20	1	ABOVE COUNTER RECEPTACLE		180						
3	20	1	RECEPTACLES		540	4	20	1	ABOVE COUNTER RECEPTACLE		180						
5					720	6	20	1	ABOVE COUNTER RECEPTACLE		180						
7	20	3	WORKSTATIONS		720	8	20	1	ABOVE COUNTER RECEPTACLE		180						
9					720	10	20	1	ABOVE COUNTER RECEPTACLE		180						
11					720	12	20	1	ABOVE COUNTER RECEPTACLE		180						
13	20	3	WORKSTATIONS		720	14	20	1	REFRIGERATOR		900						
15					720	16	20	1	REFRIGERATOR		900						
17					720	18	20	1	REFRIGERATOR		900						
19	20	3	WORKSTATIONS		720	20	20	1	REFRIGERATOR		900						
21					720	22	20	1	ABOVE COUNTER RECEPTACLE		180						
23					720	24	20	1	ABOVE COUNTER RECEPTACLE		180						
25	20	3	WORKSTATIONS		720	26	20	1	ABOVE COUNTER RECEPTACLE		180						
27					720	28	20	1	ABOVE COUNTER RECEPTACLE		180						
29	20	1	RECEPTACLES		540	30	20	1	ABOVE COUNTER RECEPTACLE		180						
31	20	1	RECEPTACLES		720	32	20	1	RECEPTACLES		1080						
33	20	1	RECEPTACLES		540	34	20	1	RECEPTACLES		900						
35	20	1	RECEPTACLES		540	36	20	1	HAND DRYER		950						
37					1080	38	20	1	RECEPTACLES		360						
39	20	3	WORKSTATIONS		1080	40	20	1	RECEPTACLES		720						
41					1080	42	20	1	FLOOR BOX		180						
43	20	1	RECEPT D148		540	44	20	1	FLOOR BOX		180						
45	20	1	LIGHTING		300	46	20	1	FLOOR BOX		180						
47	20	1	SPARE		0	48	20	1	FLOOR BOX		180						
49					1080	50	20	1	FLOOR BOX		180						
51	20	3	WORKSTATIONS		1080	52	20	1	FLOOR BOX		180						
53					1080	54	20	1	COPIER		1000						
55					720	56	20	1	HAND DRYER		950						
57	20	3	WORKSTATIONS		720	58	20	1	EWC		500						
59					720	60					360						
61					1080	62		20	3	WORKSTATIONS							
63	20	3	WORKSTATIONS		1080	64					360						
65					1080	66	20	1	REC OFF D146		720						
67	20	2	C-16		748	68	20	1	REC OFF D144		540						
69					748	70	20	1	REC OFF D159, D160		900						
71	20	2	C-14		748	72	20	1	HAND DRYER		950						
73					748	74	20	1	HAND DRYER								

PANEL "HG1"			480Y/277V, 3Ø, 4W			225A MLO			NEMA-1			COPPER BUS						
			VOLTAGE/PHASE			225A BUS			SURFACE			SOLID NEUTRAL						
CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA	CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA	CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA	
1	20	1	LTG - FITNESS / BREAK		1930	2	20	1	LTG - OFFICES		1905							
3	20	1	LTG - PURCHASING		1862	4	20	1	LTG - INFRASTRUCTURE / OFFICES		2475							
5	25	1	WH-1		4500	6	20	1	SPARE		0							
7	20	1	SPARE		0	8	20	1	SPARE		0							
9	20	1	SPARE		0	10	20	1	SPARE		0							
11	20	1	SPARE		0	12	20	1	SPARE		0							
13	20	1	SPARE		0	14	20	1	SPARE		0							
15	20	1	SPARE		0	16	20	1	SPARE		0							
17	20	1	SPARE		0	18	20	1	SPARE		0							
19	20	1	SPARE		0	20	20	1	SPARE		0							
21	20	1	SPARE		0	22	20	1	SPARE		0							
23	20	1	SPARE		0	24	20	1	SPARE		0							
25	20	1	SPARE		0	26	20	1	SPARE		0							
27	20	1	SPARE		0	28	20	1	SPARE		0							
29	20	1	SPARE		0	30	20	1	SPARE		0							
31	20	1	SPARE		0	32	20	1	SPARE		0							
33	20	1	SPARE		0	34	20	1	SPARE		0							
35	20	1	SPARE		0	36	20	1	SPARE		0							
37					17390	38	20	1	SPARE		0							
39	125	3	PANEL LG1		18296	40	20	1	SPARE		0							
41					18520	42	20	1	SPARE		0							
NOTES:				CONNECTED LOAD		DEMAND FACTOR		DEMAND LOAD (VA)										
1.	HACR CIRCUIT BREAKER			LIGHTING	8.072	1.25	10,090											
2.				HVAC - COOL	0	0.00	0											
3.				HVAC - HEAT	0	0.00	0											
4.				RECEPTACLE	38,400	0.63	24,200											
5.				MISC	20,306	1.00	20,306											
6.				TOTAL	66,778		54,596											
7.				TOTAL DEMAND CURRENT @	480Y/277V, 3Ø		65.7 AMPS											

PANEL "LG1"			208Y/120V, 3Ø, 4W			250A MCB			NEMA-1			COPPER BUS						
			VOLTAGE/PHASE			250A BUS			SURFACE			SOLID NEUTRAL						
CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA	CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA	CKT	AMPS	POLE	DESCRIPTION	NOTES	LOAD VA	
1	20	1	RECEPTACLES		540	2	20	1	RECEPTACLES		540							
3	20	1	RECEPTACLES		540	4	20	1	EWC	1	500							
5	20	1	RECEPTACLES		900	6	20	1	FLOOR BOX - TREADMILL		500							
7					900	8	20	1	FLOOR BOX - TREADMILL		500							
9	20	3	WORKSTATIONS		900	10	20	1	FLOOR BOX - TREADMILL		500							
11					900	12	20	1	RECEPTACLES		900							
13					540	14	20	1	HAND DRYER		950							
15	20	3	WORKSTATIONS		540	16	20	1	HAND DRYER		950							
17					540	18	20	1	RECEPTACLES		540							
19					360	20	20	1	ABOVE COUNTER RECEPTACLE		180							
21	20	3	WORKSTATIONS		360	22	20	1	DISPOSAL		690							
23					360	24	20	1	ABOVE COUNTER RECEPTACLE		180							
25	20	1	RECEPTACLES		720	26	20	1	ABOVE COUNTER RECEPTACLE		180							
27	20	1	RECEPTACLES		540	28	20	1	ABOVE COUNTER RECEPTACLE		180							
29	20	1	RECEPTACLES		900	30	20	1	ABOVE COUNTER RECEPTACLE		180							
31	20	1	RECEPTACLES		900	32	20	1	ABOVE COUNTER RECEPTACLE		180							
33	20	1	RECEPTACLES		900	34	20	1	REFRIGERATOR		900							
35	20	1	ABOVE COUNTER RECEPTACLE		180	36	20	1	REFRIGERATOR		900							
37	20	1	DISPOSAL		690	38	20	1	RECEPTACLES		360							
39	20	1	ABOVE COUNTER RECEPTACLE		180	40	20	1	COPIER C128		1000							
41	20	1	ABOVE COUNTER RECEPTACLE		180	42	20	1	COPIER C128		1000							
43	20	1	ABOVE COUNTER RECEPTACLE		180	44	20	1	REC OFF C151		540							
45	20	1	ABOVE COUNTER RECEPTACLE		180	46					1080							
47	20	1	PRINTER		1000	48	20	3	FURNITURE SYS LOGISTICS C160		1080							
49	20	1	HAND DRYER		950	50					1080							
51	20	1	HAND DRYER		950	52					720							
53	20	1	HAND DRYER		950	54	20	3	FURNITURE SYS LOGISTICS C160		720							
55	20	1	HAND DRYER		950	56					720							
57	20	1	HAND DRYER		950	58	20	2	FURNITURE SYS LOGISTICS C160		1080							
59	15	2	C-28		582	60					1080							
61					582	62	20	2	FURNITURE SYS LOGISTICS C160		1080							
63	20	2	C-15		748	64					1000							
65					748	66					1080							
67	20	2	C-16		748	68	20	3	FURNITURE SYS LOGISTICS C160		1080							
69					748	70					1080							
71	20	1	FITNESS RCPT		540	72					1080							
73	20	1	FITNESS RCPT		360	74	20	3	FURNITURE SYS LOGISTICS C160		1080							
75	20	1	SPARE		0	76					1080							
77	20	1	SPARE		0	78	20	1	EF-4, EF-5, EF-6		1500							
79	20	1	SPARE		0	80	20	1	EWC		500							
81	20	1	SPARE		0	82					0							
83	20	1	SPARE		0	84					0							
NOTES:				CONNECTED LOAD		DEMAND FACTOR		DEMAND LOAD (VA)										
1.	GFI BREAKER			LIGHTING	0	0.00	0											
2.				HVAC - COOL	0	0.00	0											
3.				HVAC - HEAT	0	0.00	0											
4.				RECEPTACLE	38,400	0.63	24,200											
5.				MISC	15,806	1.00	15,806											
6.				TOTAL	54,206		40,006											
7.				TOTAL DEMAND CURRENT @	208Y/120V, 3Ø		111.0 AMPS											

11-PROJECTS-201203-ROOMS-TO-GO-RENOVATION-OR-NEW-CONSTRUCTION-ELECTRICAL-NON-PANEL-SCHEDULES-1-17-2022-11-07pm

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I CERTIFY TO THE BEST OF MY KNOWLEDGE THAT THESE DRAWINGS COMPLY WITH ALL RELEVANT BUILDING CODES

PERMIT SET

ADAM T. POWELL PE
 FL REG. NO. PE73853
 S/S Date
FGA PROJECT NUMBER
 21003

ISSUE DATE
 07-16-21

NO.	DATE	NOTES
1	07-16-21	CHANGE BULLETIN #1

SHEET NAME
ELECTRICAL SCHEDULES - SERVICE ONE
 SHEET NUMBER
E6.03