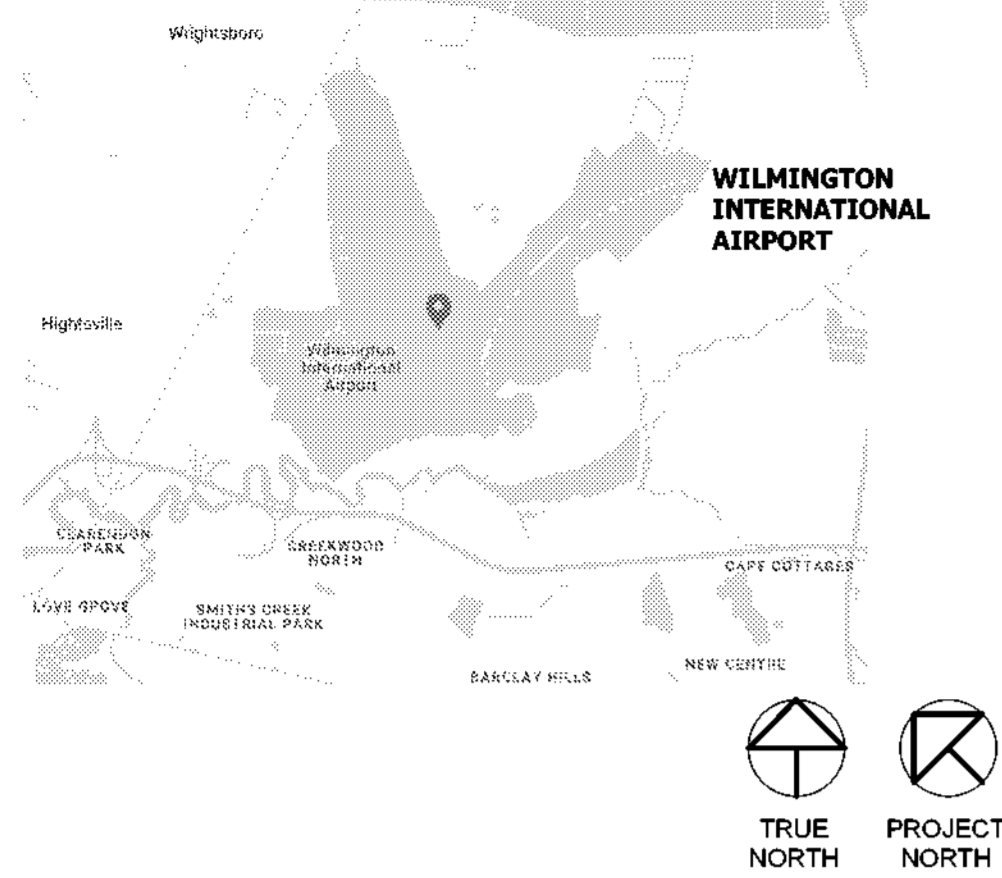


VICINITY MAP



WILMINGTON INTERNATIONAL AIRPORT
 1740 AIRPORT BLVD, WILMINGTON, NC 28405
 BOARDING LEVEL, ZONE 1
 SPACE: A,B,C
 60% SUBMITTAL
 06/23/2023

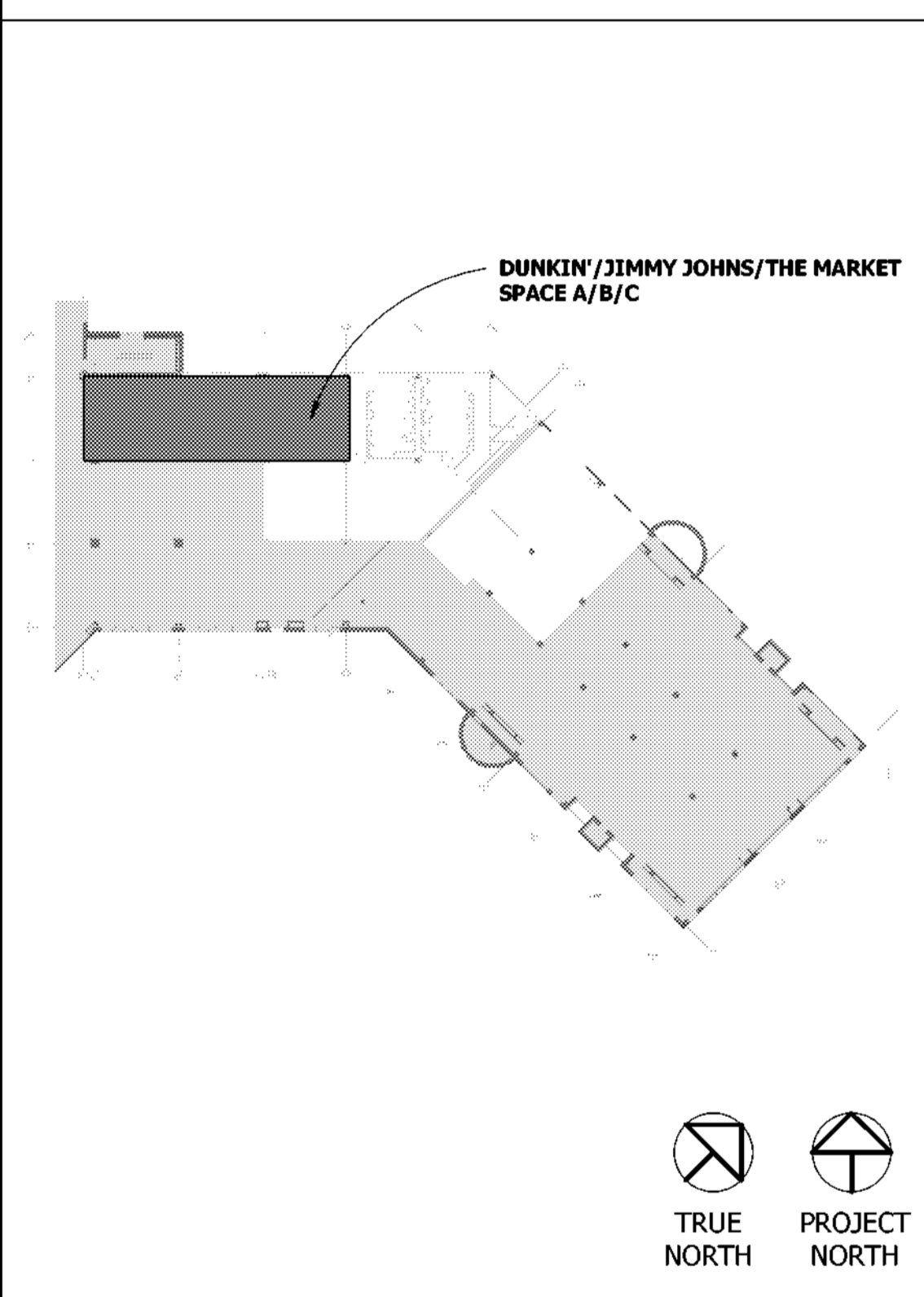


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FSC
 FSC MEP Engineers, LLC.
 8675 W. 96th Street
 Overland Park, KS 66212

KEY MAP



PROJECT DATA

ACTUAL PROJECT AREA: 2,416 SQ. FT.
OCCUPANCY:
 BACK OF HOUSE: 561 SF / 200 SF = 3 PERSONS
 OFFICE: 52 SF / 150 SF = 1 PERSONS
 SERVICE: 412 SF / 200 SF = 3 PERSONS
 QUEUING: 236 SF / 60 SF = 4 PERSONS
 SALES: 1070 SF / 60 SF = 18 PERSONS
TOTAL: = 29 PERSONS
 REMOTE STORAGE 1024 SF / 300 SF = 4 PERSONS
EGRESS
 Egress - 1 Exit Required.
 Provided exits = 6 of 1 required.
 Egress width = 36" minimum, Openings > or = 36"
 36" Aisles Provided
 Egress capacity = .2" per occupant = 180 occupants per 36" door > 28 person occupancy load.
OCCUPANCY GROUP: B - Business
CONSTRUCTION TYPE: 1A - Fully Sprinkled

SCOPE OF WORK

INTERIOR TENANT ALTERATION OF A RETAIL SPACE IN WILMINGTON INTERNATIONAL AIRPORT. WORK COMPROMISES OF NEW FINISHES, PARTITIONS, MILLWORK, LIGHTING, FOOD EQUIPMENT, AND INCLUDES MECHANICAL, ELECTRICAL, AND PLUMBING WORK.

NOTES

- ALL INSTALLATIONS, MATERIALS AND EQUIPMENT SHALL COMPLY WITH THE MOST CURRENT WILMINGTON INTERNATIONAL AIRPORT DESIGN MANUAL AT THE TIME THE BUILDING OR WORK PERMIT IS ISSUED.
- UTILITIES OUTAGES REQUIRE 72 HOURS ADVANCE NOTICE TO THE AIRPORT ENGINEERING DIVISION AND SIGNED COPY OF THE OUTAGE POSTED ON-SITE AT ALL TIMES WHEN WORK IS TAKING PLACE.
- FLOOR PENETRATIONS REQUIRE X-RAY AND APPROVAL PRIOR TO DRILLING OR CUTTING SLABS. PENETRATIONS OF THE FLOOR GREATER THAN 1 1/2" IN DEPTH BFF REQUIRE X-RAY, REVIEW, AND ILM APPROVAL. ON-SITE PHYSICAL LAYOUT OF SIZE AND LOCATION OF PENETRATIONS SHALL BE REVIEWED BY AN APPROPRIATE ILM REPRESENTATIVE "BEFORE" ANY PENETRATIONS ARE ALLOWED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ILM WITH A SET OF AS-BUILD DOCUMENTS. INCLUDES (1) HARD COPY AND DIGITAL COPY CONSISTENT WITH THE AIRPORT DRAWING MANUAL, OR REFER TO CLOSE-OUT DOCUMENTS AS REFERENCED ON SHEET A0.2. A SET ON SITE FOR GENERAL ILM INSPECTION IS ALSO REQUIRED.
- SUBMIT DIGITAL/CAD FORMAT AS BUILT DRAWINGS TO WILMINGTON INTERNATIONAL AIRPORT 6 WEEKS AFTER STORE IS OPEN.
- ALL FLOOR PENETRATIONS SHALL HAVE WATER PROOFING INSTALLED - 3' DIAMETER FROM THE CENTER OF THE PENETRATIONS WHICHEVER GIVES THE MAXIMUM SQUARE FOOTAGE OF THE WATER PROOFING AROUND PENETRATIONS.
- CONTRACTOR IS TOTALLY RESPONSIBLE FOR THE REMOVAL OF ANY ASBESTOS/HAZARDOUS WASTE. THE CONTRACTOR SHALL SUBMIT THE NECESSARY DOCUMENTATION TO THE AIRPORT TENANT COORDINATOR FOR REVIEW AND OR APPROVAL.
- UNUSED/ABANDONED FLOOR/WALL OPENINGS SHALL BE SEALED OR FIRESTOPPED. CONTRACTOR SHALL MECHANICALLY SECURE ALL FLOOR DRAINS, EXCEPT FOR (DRAIN) INSPECTION AND STORE OPENING.
- INTERIOR FINISHES CLASSIFICATION INDICATED AS PER NFPA 101, 2018 EDITION AND IBC 2018.

PROJECT DIRECTORY

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A0.2	GENERAL NOTES & SPECIFICATIONS
A0.3	GENERAL NOTES & SPECIFICATIONS
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DM101	MECHANICAL DEMOLITION PLAN - BOARDING LEVEL
M100	MECHANICAL NEW WORK PLAN - RAMP LEVEL
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M600	MECHANICAL SCHEDULES
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E101	POWER FLOOR PLAN - BOARDING LEVEL
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E601	ELECTRICAL SCHEDULES

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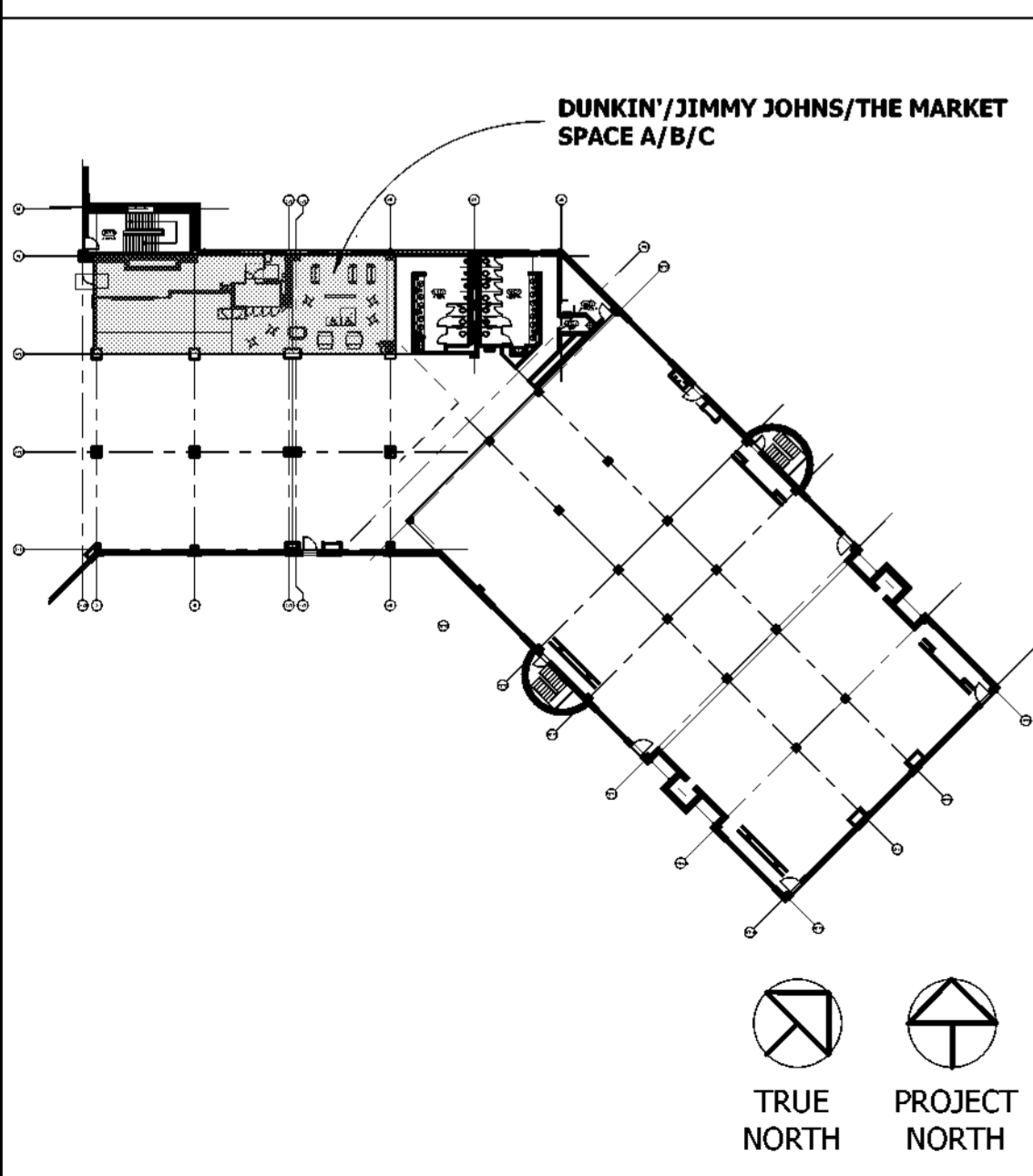
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SITE PLAN



APPLICABLE CODES

BUILDING CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: EXISTING BUILDING CODE
MECHANICAL CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: MECHANICAL CODE
PLUMBING CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: PLUMBING CODE
ELECTRICAL CODE: 2020 NATIONAL ELECTRICAL CODE, NFPA 70 WITH NORTH CAROLINA AMMENDMENTS.
FUEL GAS CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: FUEL GAS CODE
FIRE CODE: 2018 NORTH CAROLINA STATE BUILDING CODE: FIRE PREVENTION CODE
ENERGY CONSERVATION CODE: 2018 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) WITH NORTH CAROLINA AMMENDMENTS.
ACCESSIBILITY CODE: 2009 ICC/ANSI A-117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES 2009 OF NORTH CAROLINA WITHOUT AMMENDMENTS.

ACCESSIBILITY NOTES

- THE PROJECT HAS BEEN DESIGNED TO CONFORM WITH THE ACCESSIBILITY REQUIREMENTS OF THE STATE OF NORTH CAROLINA AND THE AMERICANS WITH DISABILITIES ACT
- MINIMUM DOOR WIDTH OF ACCESSIBLE DOORS MUST BE 36"
- CLEARANCE ON THE PULL SIDE OF THE DOORS MUST BE A MINIMUM OF 18"
- WHERE CONTROLS AND OPERATING MECHANISMS ARE PROVIDED IN ACCESSIBLE SPACES, ALONG ACCESSIBLE ROUTES OR AS PARTS OF ACCESSIBLE ELEMENTS, OPERABLE PARTS AND CONTROLS SHALL COMPLY WITH THE REQUIREMENTS OF ADA SECTION 4.27 OPERABLE PARTS SHALL BE NO MORE THAN 48" HIGH OR LESS THAN 18" ABOVE THE FLOOR.
- WHERE ALARMS ARE PROVIDED THEY SHALL COMPLY WITH THE REQUIREMENTS OF ADA SECTION 4.27
- ACCESSIBLE SIGNAGE SHALL COMPLY WITH THE REQUIREMENTS OF THE SECTION A4.30
- ALL EGRESS DOORS MUST SWING IN THE DIRECTION OF EGRESS AND SHALL NOT BE LOCKED FROM THE OPPOSITE SIDE OF EGRESS PASSAGE.

DD **JJ** **THE MARKET @ILM**

WILMINGTON INTERNATIONAL AIRPORT
 1740 AIRPORT BLVD,
 WILMINGTON, NC, 28405
 BOARDING LEVEL, ZONE 1
 SPACE: A, B, AND C

No.	Description	Date
1	60% SUBMITTAL	06/23/2023

TITLE SHEET

Project number 2023-019
 Date 03-29-2023
 Drawn by AR
 Checked by BW

A0.0

Scale As indicated

The above drawings, specifications, ideas, designs and arrangements represented thereby are and shall remain the property of Silhouette Design Architecture, Inc. No part thereof shall be reproduced or disclosed to others, or used in the connection with any work or project other than the specified project for which they have been prepared. Written dimensions on these drawings shall have precedence over scaled dimensions: Contractors shall verify and be responsible for all dimensions and conditions on the job and this office must be notified of any variations from the dimensions and conditions shown by these drawings. Shop drawings must be submitted to this office for review before proceeding with fabrication. COPYRIGHT 2023 Scott Costello, AIA.

SPECIFICATIONS

SECTION 01000 - GENERAL REQUIREMENTS

- The Contractor shall obtain and pay for the Building Permit for the work. All work, including the material, stresses and methods of construction shall conform to local codes and applicable state codes.
- All work to be performed by Contractors licensed to work within the local Jurisdiction.
- Project Meetings: Contractor and related subcontractors shall be required to attend project meetings at the project site when required by the Owner or Architect.
- Submittals: Required shop drawings to tenant and architect, product data and samples shall be submitted to the Architect for approval. Any monies spent or work performed without prior approval is done at the Contractor's own risk.
 - Submit shop drawings to architect in PDF format.
 - Submit (3) full size samples of the full range of required samples.
 - Submit (3) three copies of project data.
 - Shop Drawings, Samples and Product Data shall be required for the following items:
 - All Finishes
 - All Millwork including Wood Doors, Shelving and Cabinetry
 - All Lighting
 - All Appliances and equipment
 - All Hardware
- Unless agreed to otherwise, all submittals shall be submitted no later than two weeks after construction starts. G.C. to submit schedule of submissions at start of construction.
- Examination of the Site. The Contractor shall examine the premises and become thoroughly familiar with all existing conditions, and all the conditions which may arise that would affect his contract. Failure to do so will not relieve the Contractor of his responsibility to complete his work at no additional cost to the Owner. Contractor shall notify the Architect immediately in writing if he discovers any discrepancies between the drawings and existing conditions.
- Existing Conditions: Before submitting his proposal, each bidder shall examine all drawings related to his, to the character of the Work required and its location on the building. No consideration will be granted for alleged misunderstanding of material to be furnished or work to be done, it being understood that the tender of a proposal carries with it the agreement to all items and conditions referred to herein. Special attention shall be made of the type and extent of removals, relocations, overtime needed for interruption of building services for disconnecting of existing and/or installation of new services, maintenance of, continuity of services, etc.
- The Contractor shall be responsible for properly laying out the Work and for lines and measurements for the Work. Verify all figures shown on drawings before laying out the Work and report inaccuracies of errors to the Architect before commencing the Work.
- The Contractor shall arrange for, provide and maintain temporary facilities and controls as required for the proper and expeditious prosecution of the Work.
- Unless agreed upon, no signs or advertisements will be allowed to be displayed on the premises of the building.
- Heat and ventilation as required during construction may not be available for use until finish work begins, including floor finish, as same will be necessary to allow finishes to cure properly. Provide all required temporary heat and ventilation for proper protection of the work and the workers. Comply with all requirements of the Building management at no additional cost to the Owner.
- Contractor shall provide all temporary connections, lighting and distribution as required for the execution of the Work.
- Substitutions: Substitutions of Items specified or shown on drawings will not be permitted unless approved in advance by the Architect.
- Materials, methods and equipment shall be protected and protected to prevent damage during transportation and handling. The Contractor shall be responsible for all unloading, rigging and installation of all materials and equipment.
- Available storage space at the job site is limited to the area of construction. Any additional off-site space required is the responsibility of the Contractor.
- Store and protect materials delivered to the site from damage. Do not use damaged materials at the site.
- Name plates and other identifying markings shall not be affixed on exposed surfaces of manufactured items installed in the finished spaces.
- Prevent accumulations of waste materials on site during the entire construction period. Remove crates, cartons and other flammable waste materials or trash from the work area each work day.
- Crew shall be taken by workers not to mark, soil or otherwise deface finished surfaces. In the event that finished surfaces become defaced, clean and restore such surfaces to their original condition.
- Clean up immediately upon the completion of each trade's work and remove surplus materials and rubbish of every kind from the site.
- Before commencing any alteration or demolition Work, submit a schedule showing the commencement, the order and the completion dates for the various parts of this work, for review by the Architect.
- Before starting any work relating to the existing utilities (electrical, sewer, water, heat, gas, fire lanes, etc.) that will temporarily discontinue or disrupt service within the building, notify the building management and obtain approval in writing before proceeding with this phase of the Work.
- Take necessary precautions to prevent dust from rising. Protect unworked portions of the existing building affected by the operations under this Section by de-stroop partitions and other adequate means.
- Immediately clean all dust and debris related to deliveries or construction which occurs in the Public Corridors or other building areas.
- Do not close or obstruct walkways, passageways or stairways. Do not store or place materials in passageways, stairs or other means of egress. Conduct operations with minimum traffic interference.
- The Contractor shall be responsible for any damage to the existing structure or contents by reason of the insufficiency of protection provided. Execute the work in a careful manner and orderly manner, with the least possible disturbance to the public and to the occupants of the building.
- Where alterations occur, or new and old work join, cut, remove, patch, repair or refinish the adjacent surfaces or so much thereof as is required by the involved conditions, and leave in as good condition as existed prior to the commencing of the work. The materials and workmanship, unless otherwise shown or specified, shall comply with that of the original work. Alteration work shall be performed by the various respective trades which normally perform the particular items of work.
- Finish new and adjacent existing surfaces as specified for new work. Clean existing surfaces of dirt, grease, loose paint, etc., before refinishing.
- Provide any temporary protection required to adequately protect the adjoining property, the public and construction personnel. Provide locked entrances. Prevent intrusion to job site by those not permitted.
- Contractor shall post all applicable building permits in a visible location ready for inspection by the proper authorities having jurisdiction.
- Contractor shall be responsible for any and all traffic violations and misuse of streets and sidewalk surrounding the "Area of Work".
- No alcoholic beverages or smoking will be allowed within the demised premise. Contractor shall be responsible to enforce same on all subcontractors and subordinate subcontractors.
- "General Conditions of the Contract for Construction" A.I.A. Document A-201, 2017 edition, of the American Institute of Architects, referred to in the Contract Documents as the General Conditions, together with the following articles of the Supplementary General Conditions, which amend, modify and supplement various articles and provisions of the General Conditions are made part of the Contract and shall apply to all Work under the Contract. All articles or parts of articles of the General Conditions not so amended, modified or supplemented by these Supplementary General Conditions, shall remain in full force and effect. Should any discrepancy become apparent between the General Conditions and the Supplementary General Conditions, the latter shall be given and take precedence.
- The Contractor shall guarantee all work, including labor, materials and equipment, for one (1) year from date of completion of the Project. All work shall be installed in accordance with the Contract Documents, Manufacturer's instructions and highest quality trade standards, unless more stringent. Where the Contractor is required by the Drawings or Specifications to install Owner furnished items, the Contractor shall unload safely, store, protect, assemble, install and connect such items.
- Work and Items Supplies By Others - As Noted
- Report evidence of overstress, deterioration, or damage that is found or that occurs during the Work. Report conditions that cannot be accommodated by ordinary means without design changes. Obtain the Architect's direction before proceeding with affected work.
- Substrate Preparation for Finishing: Repair, clean and recondition existing surfaces so that successful refinishing does not require additional preparation beyond that specified in Product Sections.
- Schedule - The Contractor shall submit Progress Schedule, in easy-to-read graphic form, at the Preconstruction Conference. Show beginning date and Final Completion Date. Show beginning and completion dates for major elements of the Work. Break down major elements to define critical parts. Show dates of Contractor submittals and periods allotted for review by Architect. Update and show all changes, including percentage completion, major changes in scope, priorities, revision projections of progress to final completion, and other identifiable changes. Submit a revised copy at each Progress Meeting. Show dates for request of Owner supplied items and services.
- Schedule of Values: Submit in ample time for review, revision and resubmission before the first application for payment.
- Contractor shall maintain Project Record Documents and collect one copy each of the following documents and label each one PROJECT RECORD, as follows:
 - Drawings, Specifications and Addenda.
 - Change Orders, and other Modifications.
 - Architect's Field Orders and any written instructions.
 - Field Test Records.
 - Project Meeting Minutes.
 - Progress Schedule.
 - Submittals, shop drawings and cut sheets.
- Keep Record Documents in Contractor's Field Office, separate from documents used for construction and available for Architect's inspection. Mark Record Drawings, Specifications and Addenda neatly and legibly, with colored pencil or felt tip marker, to show actual construction and products used. Keep record current with construction progress; do not cover up Work until required information is recorded.
- Close-out Submittals - Before applying for final payment, the Contractor shall submit:
 - Completion Notice and all Certificates of Inspections and other evidence of compliance with regulatory agency requirements.
 - Evidence of payments and release of liens in accord with Conditions of the Contract.
 - Certificate of Insurance for Products and Completed Operations.
 - Project Record Documents.
 - Extra stock, spare parts, maintenance materials, keys and special tools required by Product Sections.
 - Warranties, services/maintenance contracts, and manuals required by Product Sections.
 - As-Built Drawings.
 - Other documents as required by the local Jurisdiction at time of project close-out.
- General Contractor shall provide list of all Subcontractors to Owner's Representative and Tenant's Representative.
- General Contractor shall provide and install Fire Extinguishers as required by Code. Locations to be verified.
- General Contractor is to turn over the space to the owner in a clean condition which includes dusting, high dusting and general cleaning.
- Insurance: all contractors (general and subcontractors) shall comply with local municipality and owner's requirement for insurance, bonds and waivers of lien.
 - Prior to commencement of the work, all contractors and subcontractors shall obtain insurance policies as outlined below. Insurance policies are to name the owner, owner's architect (silhouette design architecture, inc.), the architect's consultants (as listed on the title sheet), the landlord and the landlord's general contractor (if applicable) as additionally insured. Certificates of insurance shall be submitted to those named.
 - Workman's compensation and occupational disease insurance.
 - state -statutory-
 - applicable federal (e.g.: longshoremen, harbor work, work outside the united states):- statutory-
 - Employer's liability: \$500,000.00 per accident, \$500,000.00 disease
 - Benefits required by union labor contracts as applicable
- Comprehensive general liability (including premises - operations; independent contractors' protective; products and completed operations: broad form property damage; automobile coverage, and contractual liability.)
 - Bodily injury: \$3,000,000 each occurrence, \$3,000,000 aggregate
 - Property damage (including water damage and sprinkler leakage, legal liability), \$3,000,000 each occurrence, \$3,000,000 aggregate.

3. Products and completed operations shall be maintained for a minimum of one (1) year after final payment and contractor shall continue to provide evidence of such coverage to owner on an annual basis during the aforementioned period.

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- Property damage liability insurance shall include coverage for explosion and collapse.
- Contractual liability (hold harmless coverage): Bodily injury: \$2,000,000 each occurrence, Property damage: \$2,000,000 each occurrence \$2,000,000 aggregate
- Personal injury (with employment exclusion deleted): (G.C. to verify amt. Required w/ owner) each person
- Comprehensive automobile liability (owned, non-owned, hired): Bodily injury: \$2,000,000 each accident, Property damage: \$2,000,000 each occurrence
- Other insurance and bonds as may be required by the owner verify requirements with the owner).

DIVISION 02: Site Work:

- Refer to the architectural drawings for any notes related to demolition work.
- The General Contractor is to demolish and remove from the premises in a manner acceptable to any jurisdictional agencies, the owner and the approval of the architect, all work so indicated or required by the work of the contract documents or as may be directed in the field by the architect. The work which is to be removed shall include any existing construction, furnishings, equipment or finishes not to remain in the completed work.
- Layout work:
 - General Contractor shall locate all existing utility service lines and protect them throughout the construction period.
 - General Contractor shall lay out work and be responsible for all lines, elevations, measurements of the building utilities, and other work executed under the contract.
 - General Contractor shall verify all dimensions as they may apply to existing conditions with particular emphasis on dimensions marked "verify" or verify in field (V.I.F.) notify architect and owner immediately of any discrepancies between the drawings and existing conditions in written form prior to construction.
 - Any discrepancies, errors, or omissions discovered in the contract documents by the contractor shall be brought to the attention of the architect and owner before proceeding with related work. Otherwise, the correction of such items will be the responsibility of the contractor.

Division 03: Concrete Work:

- General Contractor shall be responsible for a smooth transition between floors and adjacent floors/public walks. The floor may require latex feathering or, where necessary, grinding of subfloor to allow for a smooth transition, if floor grinding is not permitted by owner, contact architect.
- Concrete work shall conform to the currently adopted ACI 318, building code requirements for reinforced concrete; ACI 301 specifications for structural concrete for buildings; ACI 302.1R, guide for concrete floor and slab construction.
- Ultimate compressive strength of Portland cement concrete, standard weight at twenty eight days shall be 4000 psi for slab on grade, and 3000 psi for all other concrete work. Design and submittal for concrete mix shall be in accordance with ACI 318, chapter 5 and ACI 301, chapter 3 and shall be submitted in advance to structural engineer for approval.
- Air entrained concrete shall be used for all concrete exposed to weather, except as noted in the drawings.
- Calcium chloride and/or admixtures containing calcium chloride shall not be included in concrete mix.
- Concrete contractor shall not pour concrete in adverse weather conditions or when such forecast for the time period following the pour, unless proper curing and protection is provided continuously until concrete develops its design strength.
- Unless otherwise noted, principle reinforcement shall have the following concrete protection:
 - Forward surfaces in contact with soil or water, or exposed to weather --- 2 inches
 - Formed surfaces not in contact with soil or water or exposed to weather --- 3/4 inch
- Concrete Floors
 - Concrete floors to be properly prepared without holes, cracks, and bumps to insure a smooth and level floor installation.
 - Provide concrete sealer as indicated on drawings. Follow manufacturer's instructions for floor preparation. Test concrete to verify if acid surface preparation is required prior to applying sealer. Allow sealer to dry at least 24 hours (or manufacturer's specified drying time) before subjecting to light foot traffic.

Division 04: Masonry: NOT USED

Division 05: Metals: Refer to the structural drawings for specifications related to structural metal work.

- General: Shear and punch metals cleanly and accurately. Remove burrs and ease exposed edges. Form bent-metal corners to smallest radius possible without impairing work.
- Welding: Weld corners and seams continuously. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals. At exposed connections, finish welds and surfaces smooth with contour of welded surface matching those adjacent.
- Hot-dip galvanize steel fabrications at exterior locations.
- Prepare uncoated ferrous metal surfaces to comply with SSPC-SP 3, "Power Tool Cleaning," and paint with a fast-curing, lead- and chromate-free, universal but non-alloyed metal primer.
- Perform cutting, drilling, and fitting required for installing miscellaneous metal fabrications. Set metal fabrication accurately in location, alignment, and elevation; with edges and surfaces level, plumb, true, and free of rack.
- Fit exposed connections accurately together to form hairline joints.
- Setting: Nonshrink, Nonmetallic Grout: ASTM C 1107; recommended by manufacturer for exterior applications as required.
- Coat concealed surfaces of aluminum that will come into contact with grout, concrete, masonry, wood, or dissimilar metals with a heavy coat of bituminous paint.

SECTION 06200 - Finish Carpentry:

- Scope of work includes, but is not limited to, rough carpentry (wood blocking) and finish carpentry (cabinetry, wood trim, hardware and accessories).
- Rough carpentry: wood blocking
 - Provide solid blocking in stud walls where all fixtures or devices are to be mounted. All wood blocking shall be fire resistant treated.
 - All dimensional lumber to be fire retardant with U.L. rating "non-combustible."
- All dimensional lumber, blocking & nails to be fire retardant. All finished lumber to be rift-cut Douglas fir retardant where necessary. Utility grade boards to comply with ps-20.
- Plywood and MDF plywood for general interior carpentry shall be 3/4" APA trademarked, c-d plugged, UL labeled class a, fire-retardant treated, exposure 1 panels complying with ps-1. Provide treatment that yields a flame spread rating of not more than 25 when tested according to ASTM E84. Kiln dry after treatment to moisture content of 15% maximum.
- Wood shall be seasoned to a 19% moisture content.
- The G.C. shall install blocking as necessary for attachment of all interior trim & fixtures.
- Finish carpentry:
 - All millwork shall comply with the appropriate specifications of "the architectural quality standards illustrated" of the American woodwork institute (AWI) for "custom" grade millwork.
 - Stain grade finish lumber shall be "Douglas fir" sanded smooth and free of blemishes or abrasions. All wood shall have tight and uniform joints.
 - Millwork contractor shall verify all dimensions affecting his work in the field prior to fabrication.
 - Fixture millwork as noted on drawings is supplied and installed by tenant General Contractor, unless otherwise noted.
 - Some field assembly of millwork is required. Follow shop drawing accompanying millwork. All field assembled millwork to be scribed and joined according to manufacturer's instructions.
 - Installability: to be in accordance with manufacturer's shop drawings.
 - Make all joints inconspicuous maintaining a uniform flush connection using combination of screws, dowels and glue. Blind fasten where possible. Where blind fastenings is impossible, drill holes uniformly, set and putty heads and finish as applicable to surface.
 - All stain finish wood trim to be custom grade species as noted in drawings. Sanded with tight joints, scraped horizontal, glued, and nailed. No butt joints will be accepted.
- Intumescent coating to be American Fire Coatings, Inc., FC No.166. Apply to untreated wood finishes, following manufacturer's recommendations, must be performed on all wood finishes until painting and similar finish operations that might damage architectural cabinets have been completed in installation areas. Store cabinets in installation areas or in areas where environmental conditions comply with requirements specified in "Field Conditions" Article. Environmental Limitations without Humidity Control: Do not deliver or install cabinets until building is enclosed, wet-work is complete, and HVAC system is operating and maintaining temperature and relative humidity at levels planned for building occupants during the remainder of the construction period. Field Measurements: Where cabinets are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication, and indicate measurements on Shop Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.
 - Locate concealed framing, blocking, and reinforcements that support cabinets by field measurements before being enclosed/concealed by construction, and indicate measurements on Shop Drawings.

SECTION 064116 - PLASTIC-LAMINATE-CLAD ARCHITECTURAL MILLWORK AND CABINETS

- Section Includes:
 - Plastic-laminate-clad architectural cabinets.
 - Plastic-laminate-clad banquetette seating.
 - Cabinet hardware and accessories.
 - Wood furring, blocking, shims, and hanging strips for installing plastic-laminate-clad architectural cabinets that are not concealed within other construction.
 - Retain subparagraphs below to cross-reference requirements Contractor might expect to find in this Section but are specified in other Sections.
 - Coordinate sizes and locations of framing, blocking, furring, reinforcements, and other related units of Work specified in other Sections to support loads imposed by installed and fully loaded cabinets.
- Product Data: For each type of product. Include data for fire-retardant treatment from chemical-treatment manufacturer and certification by treating plant that treated materials comply with requirements.
- Sustainable Product Data: For recycled content, indicating postconsumer and preconsumer recycled content and cost.
 - Product Certificates: For regional materials, indicating location of material manufacturer and point of extraction, harvest, or recovery for each raw material. Include distance to Project and cost for each regional material.
 - Product Certificates: For regional materials, indicating location of material manufacturer and point of extraction, harvest, or recovery for each raw material. Include distance to Project and cost for each regional material.
 - Environmental Product Declaration (EPD): For each product.
 - Product Data: For adhesives, indicating that product contains no urea formaldehyde.
- Shop Drawings: Include plans, elevations, sections, and attachment details.
 - Show large-scale details.
 - Indicate locations and sizes of furring, blocking, and hanging strips, including concealed blocking and reinforcement specified in other Sections.
 - Indicate locations and sizes of cutouts and holes for items installed in plastic-laminate architectural cabinets.
- Samples: For each exposed product and for each color and texture specified, in manufacturer's or manufacturer's standard size.
- Product Certificates: For
 - High-pressure decorative laminate.
 - Adhesives.
- Evaluation Reports: For fire-retardant-treated materials, from ICC-ES.
- Manufacturer's Qualifications: Employ skilled workers who custom fabricate products similar to those required for this Project and whose products have a record of successful in-service performance.
- Do not deliver cabinets until painting and similar finish operations that might damage architectural cabinets have been completed in installation areas. Store cabinets in installation areas or in areas where environmental conditions comply with requirements specified in "Field Conditions" Article. Environmental Limitations without Humidity Control: Do not deliver or install cabinets until building is enclosed, wet-work is complete, and HVAC system is operating and maintaining temperature and relative humidity at levels planned for building occupants during the remainder of the construction period. Field Measurements: Where cabinets are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication, and indicate measurements on Shop Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.
 - Locate concealed framing, blocking, and reinforcements that support cabinets by field measurements before being enclosed/concealed by construction, and indicate measurements on Shop Drawings.

- Established Dimensions: Where cabinets are indicated to fit to other construction, establish dimensions for areas where cabinets are to fit. Provide allowance for trimming at site, and coordinate construction to ensure that actual dimensions correspond to established dimensions. Quality Standard: Unless otherwise indicated, comply with the Architectural Woodwork Standards for grades of cabinets indicated for construction, finishes, installation, and other requirements.
- Architectural Woodwork Standards Grade: **Custom**. Provide **labels and certificates** from **AWI** certification program indicating that woodwork complies with requirements of the standards.
- Regional Materials: Wood products shall be manufactured within 500 miles (800 km) of Project site from materials that have been extracted, harvested, or recovered, as well as manufactured, within 500 miles (800 km) of Project site.
 - Certified Wood: Wood products shall be certified as "FSC Mixed Credit" in accordance with FSC STD-01-001 and FSC STD-40-004.
 - Type of Construction: See Drawings
 - Door and Drawer-Front Style: See Drawings
 - High-Pressure Decorative Laminate: NEMA LD 3, grades as indicated or if not indicated, as required by quality standard.
- See Finished Surfaces: Schedule for specified Laminates.
- Laminate Cladding for Exposed Surfaces:
 - Horizontal Surfaces: **Grade HGS**
 - Vertical Surfaces: **Grade HGS**
 - Edges: ABS/PVC extruded fabrication.
 - Pattern Direction: **As Indicated**
- Materials for SemieXposed Surfaces:
 - Surfaces Other Than Drawer Bodies: **High-pressure decorative laminate, NEMA LD 3, Grade VGS.**
 - Edges of Plastic-Laminate Shelves: ABS/PVC extruded fabrication.
 - Edges of Thermally Fused Laminate Panel Shelves: ABS/PVC extruded fabrication.
 - Drawer Sides and Backs: **Thermally fused laminate panels with ABS/PVC extrusion edge banding.**
 - Drawer Bottoms: **Thermally fused laminate panels.**
- Dust Panels: 1/4-inch (6.4-mm) plywood or tempered hardboard above compartments and drawers unless located directly under tops.
- Drawer Construction: Fabricate with exposed fronts fastened to subfront with mounting screws from interior of body.
 - Join subfronts, backs, and sides with **glued rabbeted joints supplemented by mechanical fasteners.**
- Colors, Patterns, and Finishes: Provide materials and products that result in colors and textures of exposed laminate surfaces complying with the following requirements:
 - As specified in Finish Schedule in the drawings.
- Fire-Retardant-Treated Materials, General: Where fire-retardant-treated materials are indicated, use materials that are acceptable to authorities having jurisdiction and with fire-test-response characteristics specified as determined by testing identical products in accordance with test method indicated by a qualified testing agency.
 - Use treated materials that comply with requirements of referenced quality standard. Do not use materials that are warped, discolored, or calcined.
 - Use fire-retardant-treatment formulations that do not bleed through or otherwise adversely affect finishes. Do not use colorants to distinguish treated materials from untreated materials.
 - Identify fire-retardant-treated materials with appropriate classification marking of qualified testing agency in the form of removable paper label or imprint on surfaces that will be concealed from view after installation.
- Fire-Retardant-Treated Lumber and Plywood: Products with a flame-spread index of 25 or less when tested in accordance with ASTM E84, with no evidence of significant progressive combustion when the test is extended an additional 20 minutes, and with the flame front not extending more than 10.5 ft. (3.2 m) from the edge of the burners at any time during the test.
 - Kiln-dry lumber and plywood after treatment to a maximum moisture content of 19 and 15 percent, respectively.
 - For items indicated to receive a stained or natural finish, use organic resin chemical formulation.
 - Mill lumber after treatment within limits set for wood removal that do not affect listed fire-test-response characteristics, using a woodworking shop certified by testing and inspecting agency.
 - Mill lumber before treatment and implement procedures during treatment and drying processes that prevent lumber from warping and developing discolorations from drying sticks or other causes, narring, and other defects affecting appearance of architectural cabinets.
- Fire-Retardant Fiberglassing and Resins: Panels complying with ANSI A262, made from softwood fibers, synthetic resins, and fire retardant chemicals mixed together at time of panel manufacturing to achieve a flame-spread index of 25 or less and smoke-developed index of 200 or less in accordance with ASTM E84.
- Provide cabinet hardware and accessory materials associated with architectural cabinets.
 - Manufacturers; Subject to compliance with requirements, provide products by one of the following:
 - Accuride International.
 - Blum, Julius & Co., Inc.
 - Comox International, Inc.
 - Grass America Inc.
 - Hilti Americas, Inc.
 - Hettich America LP.
 - Knappe & Vogt Manufacturing Company.
 - Hafele
- Continuous Piano Hinges for Cabinet Doors.
 - Semiconcealed Hinges for Flush Doors: ANSI/BHMA A156.9, B01361.
 - Semiconcealed Hinges for Overly Doors: ANSI/BHMA A156.9, B01521.
- Back-Mounted Pulls: ANSI/BHMA A156.9, B02011.
- Cabinet Pulls: See Drawings.
- Catches: **Magnetic catches, ANSI/BHMA A156.9, B03141**
- Adjustable Shelf Standards and Supports: **ANSI/BHMA A156.9, B04071; with shelf rests,**
- Shelf Rests: ANSI/BHMA A156.9, B04013; **metal**
- Drawer Slides: ANSI/BHMA A156.9.
 - Heavy-Duty (Grade 1HD-100 and Grade 1HD-200): **Side mount**
 - Material: **Stainless steel** slides.
 - Motion Feature: **Push to open and Soft close damper.**
- Slides for Sliding Glass Doors: ANSI/BHMA A156.9, B07063;
- Door Locks: ANSI/BHMA A156.11, E07121.
- Drawer Locks: ANSI/BHMA A156.11, E07041.
- Door and Drawer Silencers: ANSI/BHMA A156.16, L03011.
- Tempered Glass for Cabinet Shelves: ASTM C1048, Kind FT, Condition A, Type 1, **Class 1 (clear)** Quality-Q3; with exposed edges seamed before tempering, 6 mm thick.
 - Tint Color: **Blue-green**
- Grommets for Cable Passage: **2-inch (51-mm)OD**, molded-plastic grommets and matching plastic caps with slot for wire passage.
 - Color: **Match Countertops**
- Exposed Hardware Finishes: For exposed hardware, provide finish that complies with ANSI/BHMA A156.18 for ANSI/BHMA finish number indicated.
 - Dark, Oxidized, Satin Bronze, Oil Rubbed: ANSI/BHMA 613 for bronze base; ANSI/BHMA 640 for steel base; match Architect's sample.
 - Black, Blackened, Blackened, and Coated: ANSI/BHMA 610 for brass base; ANSI/BHMA 636 for steel base.
 - Satin Chromium Plated: ANSI/BHMA 626 for brass or bronze base; ANSI/BHMA 652 for steel base.
 - Satin Stainless Steel: ANSI/BHMA 630.
- For concealed hardware, provide manufacturer's standard finish that complies with product class requirements in ANSI/BHMA A156.9.
- Furring, Blocking, Shims, and Hanging Strips: Fire-retardant-treated softwood lumber, kiln-dried to less than 15 percent moisture content.
- Anchors: Select material, type, size, and finish required for each substrate for secure anchorage. Provide metal expansion sleeves or expansion bolts for post-installed anchors. Use nonferrous-metal or hot-dip galvanized anchors and inserts at inside face of exterior walls and at floors.SS. Adhesives: Use adhesives that are approved by the manufacturer and product requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."
 - Adhesives: Do not use adhesives that contain urea formaldehyde.
- Fabricate architectural cabinets to dimensions, profiles, and details indicated.
- Complete fabrication, including assembly and hardware application, to maximum extent possible before shipment to Project site. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting.
 - Trial fit assemblies at manufacturer's shop that cannot be shipped completely assembled. Install dowels, screws, bolted connectors, and other fastening devices that can be removed after trial fitting. Verify that various parts fit as intended and check measurements of assemblies against field measurements.
- Shop-cut openings to maximum extent possible to receive hardware, appliances, electrical work, and similar items. Locate openings accurately and use templates or routing-in diagrams to produce accurately sized and shaped openings. Sand edges of cutouts to remove splinters and burrs. For decorative plastic laminates, comply with manufacturer's written fabrication instructions. Install glass to comply with applicable requirements in GANA's "Glazing Manual."
 - For glass in frames, secure glass with removable stops.
 - For exposed glass edges, polish and grind smooth.
- Before installation, condition cabinets to humidity conditions in installation areas for not less than 72 hours.
- Yield: Assemble cabinets and complete fabrication at Project site to extent that it was not completed in the shop.
- AAA. Anchor cabinets to anchors or blocking built in or directly attached to substrates. Secure with water-head cabinet installation screws.
- BBB. Install cabinets level, plumb, and true in line to a tolerance of 1/8 Inch in 96 inches) using concealed shims.
 - Scribe and cut cabinets to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.
 - Install cabinets without distortion so doors and drawers fit openings and are accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation. Complete installation of hardware and accessory items as indicated.
 - Fasten all cabinets through back, near top and bottom, and at ends not more than 16 inches (400 mm) c.c. with No. 10 water-head screws sized for not less than 1-1/2-inch (38-mm) penetration into wood framing, blocking, or hanging strips No. 10 water-head sheet metal screws through metal backing or metal framing behind wall finish.
- CCC. Retain "Inspections" Paragraph below to require inspection of installed Work by either AWI or WI. Under both AWI and WI quality programs, the Architect has the right to request an inspection at any time during the Project. Repair damaged and defective cabinets, where possible, to eliminate functional and visual defects. Where not possible to repair, replace architectural cabinets. Adjust joinery for uniform appearance.
- DDD. Clean, lubricate, and adjust hardware.
- EEE. Clean cabinets on exposed and semieXposed surfaces. Clean decorative plastic laminate surfaces in accordance with manufacturer's written care and maintenance instructions.
- FFF. Protect completed Work from damage for duration of construction period.
- GGG. SCHEDULE See drawings for Casework Schedule

Division 07: Thermal & Moisture Protection:

- Scope of work includes, but is not limited to, vapor barrier, building insulation, water proofing membranes and sealants.
- Building insulation (when applicable):
 - Wall insulation - sound batt - 3 1/2" thick batt insulation at demising walls, toilet room wall, & stockroom walls.
 - Spray foam insulation - Froth-Pak by DOW, class A rating
- Provide sealant at dissimilar materials to close gaps, including but not limited to door frames, countertops, and trim work.
- Seal and caulk around all penetrations, seams, cracks and crevices and any other openings capable of harboring insects/rodents.
- Provide waterproof membrane at all wet areas. Stonehard Stonproof ME7 liquid applied, urethane waterproofing membrane. Waterproofing shall extend 6" up wall surface. Provide Manufacturer corners, use complete system with StoneClad UT flooring above.

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DD  **THE MARKET**

WILMINGTON INTERNATIONAL AIRPORT
1740 AIRPORT BLVD,
WILMINGTON, NC, 28405
BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	80% SUBMITTAL	06/23/2023

GENERAL NOTES & SPECIFICATIONS

Project number: 2023-2019
Date: 03-29-2023
Drawn by: AR
Checked by: BW

A0.1

Scale

Division 08: Doors, Windows & Glass:

- 1. Scope of work includes, but is not limited to, wood and metal doors and frames, metal windows, glass and glazing and hardware.
2. Doors:
A. Steel doors: Hollow metal doors (interior), as shown on drawings; 1-3/4 inch thick seamless flush doors, 18 gauge, ASTM A 366 or a 256 cold-rolled steel.
B. Stainless Steel Specialty doors by Elison as indicated on the door schedule.
C. Provide fire rated doors as indicated on the door schedule.
3. Metal frames:
A. Metal frames (interior): 16 gauge, shop primed, continuous welded type for drywall slip-on assembly, unless otherwise noted.
4. Hardware: furnish and install hardware as noted on the hardware/door schedule.
A. Mounting height of latching hardware shall be 30" to 44" AFF.
5. Glass:
A. Safety glass: clear, laminated, conforming to ASTM C1172-14; 1/2" thickness, at locations required per code.
6. Sliding Grilles
A. General: Supply and install where indicated folding aluminum closure model "S-126" as manufactured by MobilFlex TEL.: (800) 501-3539
B. Submittals: shop drawings, installation instructions, operation and maintenance instructions shall be in accordance with general instructions.
C. Model "S-126 WITH THUMB TURN ON INSIDE" by MobilFlex Finish shall be standard clear anodized.
D. Curtain
1. Constructed of 5-13/16" wide sections each divided in the center by concealed, full height 5/16" diameter rods.
E. Locking
1. Lead post shall be equipped with a hook bolt lock with MobilFlex cylinders each side.
F. Track
1. Curtain shall be hung from an overhead track 1-5/16" (33mm) wide by 1-9/16" (40mm) high. Track shall be aluminum 6351 alloy tempered to T6.
G. Stacking
1. Stacking shall not exceed a depth of 1.15" per foot of closure width plus 3" for each post (lead, end or intermediate).
H. Installation
1. Verify that all preparation work has been completed by other trades.
7. Roll-down Shutters
A. General: Supply and install where indicated roll-down aluminum shutters by Rollok (888) 840-2833.
B. Submittals: shop drawings, installation instructions, operation and maintenance instructions, shall be in accordance with general instructions.
C. Model: 37mm Foam Filled Rolled Aluminum Slat System
1. See Door Schedule for Color, Rail mounting, etc.
D. Installation
1. Verify that all preparation work has been completed by other trades.
8. All locksets must be compatible with Schlage core including the overhead roll-up, or sliding gate.
9. Aluminum storefront
A. General: Supply and install where indicated 400SF series center glazed Aluminum Glazing System, by US. Aluminum.
B. Submittals (shop drawings, installation instructions, operation and maintenance instructions) shall be in accordance with general instructions.
C. Series 400: Face width 1 3/4", depth 4", glazing inlits 1/4" or 3/8" as indicated.
D. Aluminum: ASTM B221, alloy 6063-T6 for extrusions; ASTM B209, alloy 5005-H34 for sheets; or other alloys and temper recommended by manufacturer appropriate for specified finish.
E. Internal Reinforcing:
1. ASTM A36 for carbon steel; or ASTM B308 for structural aluminum.
2. Shapes and sizes to suit installation.
3. Shop coat steel components after fabrication with alkyd type zinc chromate primer complying with FS TT-P-645.]
F. Anchorage Devices: Manufacturer's standard formed or fabricated steel or aluminum assemblies of shapes, plates, bars or tubes.
G. Fasteners:
1. Aluminum, non-magnetic stainless steel or other materials warranted by manufacturer to be non-corrosive and compatible with components being fastened.
2. Do not use exposed fasteners, except where unavoidable for application of hardware.
3. For exposed locations, provide countersunk Phillips head screws with finish matching items fastened.
4. For concealed locations, provide manufacturer's standard fasteners.
5. Provide nuts, washers of design having means to prevent disengagement; deforming of fastener threads is unacceptable.
H. Expansion Anchor Devices: Lead-shield or toothed-steel, drilled-in, expansion bolt anchors.
J. Protective Coatings: Cold-applied asphalt mastic complying with SSPC-Paint 12, compounded for 30 mil (0.77 mm) thickness for each coat; or alkyd type zinc chromate primer complying with FS TT-P-645.
K. Glazing Gaskets:
1. Compression type design, replaceable, molded or extruded, of neoprene or ethylene propylene diene monomer (EPDM).
2. Conform to ASTM C509 or C864.
3. Profile and hardness as required to maintain uniform pressure for watertight seal.
4. Provide in manufacturer's standard black color.
L. Internal Sealants: Types recommended by sealant manufacturer.
M. Anti-Walk Edge Blocking: "W" shaped EPDM blocks for use in keeping glazing material stationary under vibration or seismic loading.
N. Baffles (at pre-punch holes): Type as recommended by system manufacturer and shown in published installation instructions.
P. End Dams: Type as recommended by System manufacturer and shown in the published Installation instructions.

- Q. Installation
1. Conceal fasteners wherever possible.
2. Anchor securely in place, allowing for required movement, including expansion and contraction.
3. Separate dissimilar materials at contact points, including metal in contact with masonry or concrete surfaces, with bituminous paint or pre-formed separators to prevent contact and corrosion.
4. Seal perimeter members as shown on manufacturer's installation instructions or as required for unique job conditions.
5. Coordinate installation of perimeter sealant and backing materials between assemblies and adjacent construction.
6. Glazing: Refer to requirements of Section 08 81 00. Utilize "anti-walk" edge blocking on all vertical edges of glazing Perform Work in accordance with AAMA SPM-1 and manufacturer's written instructions

Division 09: Finishes

- 1. Scope of work includes, but is not limited to: gypsum board systems, resilient flooring, carpet, wood flooring, ceramic tile, painting and wall finishes.
A. All interior finishes shall be Class-A per MAA DST section 15.4.2.8. If using fire retardant on finished carpentry provide Fire Marshal with manufacturer's cut sheets for review prior to application and/or use.
2. Ceiling systems
A. Drywall ceilings are to be hung using USG drywall suspension system or approved equal. Installation is to be per manufacturer's recommendations.
B. Acoustical 2x2 lay-in ceilings are to be installed per manufacturer's recommendations.
C. Attach hanger wires to structure above. Do not support wires from mech or elec equipment.
D. Verify hanger layout. Shall not interfere with other components. Hanger spacing not to exceed 4'-0".
E. All fixtures installed in lay-in ceiling shall be placed in center of ceiling tile unless dimensioned otherwise.
F. Deliver to owner replacement tiles in the amount of 10% of materials.

SECTION 092216 - NON-STRUCTURAL METAL FRAMING

- 1. Fire-Resistance-Rated Assemblies: Provide materials and construction identical to those tested in assemblies per ASTM E 119 by an independent testing and inspecting agency acceptable to authorities having jurisdiction.
2. STC-Rated Assemblies: Provide materials and construction identical to those tested in assemblies per ASTM E 90 and classified per ASTM E 413 by a qualified independent testing and inspecting agency.
3. METAL FRAMING AND SUPPORTS
A. Steel Framing Members: General: ASTM C 754.
B. Steel Sheet Components: ASTM C 645. Thickness specified is minimum uncoated base-metal thickness.
C. Protective Coating: ASTM A 653/A 653M, G40 (Z120), hot-dip galvanized
4. Framing Systems:
A. All interior wall studs shall be a minimum of 20 gauge. Stud depth shall be determined by bearing requirements and stud length. Double 18 gauge studs shall be installed on each side of all door openings and 18 gauge studwork (max 2' on center) in areas that will support signs, cabinets, shelves, etc.

- 5. Suspension Systems:
a. Tie Wire: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, 0.062-inch diameter, or double strand of 0.048-inch diameter wire.
b. Wire Hangers: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, and 0.162- diameter.
c. Carrying Channels: Cold-rolled steel, 0.053-inch thick, 1-1/2 inches deep.
d. Furring Channels: 3/4-inch deep, cold-rolled channels, 0.053 inch thick, Steel studs, 0.033 inch thick, in depth indicated
e. Steel, rigid hat-shaped channels; 7/8 inch deep, 0.033 inch thick
6. Grid Suspension System for Gypsum Board Ceilings: Interlocking, direct-hung system. Comply with referenced installation standards and provide accessories.
a. Fasteners for Metal Framing: Of type, material, size, corrosion resistance, holding power, and other properties required to fasten steel members to substrates.
b. Isolation Strip at Exterior Walls: foam gasket
7. Install steel framing to comply with ASTM C 754."
a. Gypsum Plaster Assemblies: Also comply with ASTM C 841.
b. Gypsum Cement Plaster Assemblies: Also comply with ASTM C 1063.
c. Gypsum Veneer Plaster Assemblies: Also comply with ASTM C 844.
d. Gypsum Board Assemblies: Also comply with ASTM C 840.
8. Install supplementary framing, and blocking to support fixtures, equipment services, heavy trim, grab bars, toilet accessories, furnishings, or similar construction.
9. Isolate steel framing from building structure, except at floor, to prevent transfer of loading imposed by structural movement.
10. Where studs are installed directly against exterior walls, install isolation strip between studs and wall.
11. Fire-Resistance-Rated Assemblies: Comply with requirements of listed assemblies.
12. Example tolerance in paragraph below is based on ASTM C 636 for acoustical ceilings.
13. Install suspension systems level to within 1/8 inch in 12 feet

SECTION 09250 - GYPSUM DRYWALL

- 1. ENVIRONMENTAL REQUIREMENTS: Comply with referenced standards and recommendations of gypsum board manufacturer, for environmental conditions before, during and after application of gypsum board.
2. Products: Manufacturers of Gypsum Board and Related products: United States Gypsum Co. or approved equal.
3. General: Size ceiling support components to comply with ASTM C 754.
4. Gypsum Wallboard: ASTM C 36 of Type X for fire resistant rated assemblies, and all other walls per ILM Tenant Construction Standards, Edges: Tapered. Minimum Thickness - 5/8".
5. Trim: ASTM C 1047; standard trim accessories for drywall work, formed of galvanized steel with either knurled and perforated or expanded flanges for nailing or stapling, and beaded for concealment of flanges in joint compound. Provide corner beads, L-type edge trim-beads, special L-kerf-type edge trim-beads, and one-piece control joint beads, as indicated on the drawings.
6. Joint Treatment: ASTM C 475A. Joint Tape: Per reinforcing tape.
7. Joint Compound: Ready-mixed vinyl type for interior use. Provide two separate grades; one specifically for bedding tapes and filling depressions, and one for topping and sanding.
8. Water: Clean and free of deleterious material.
9. Installation Standard: Comply ASTM C 754 and ASTM C840. Provide support for all edges of gypsum board. Use screw fasteners only.
10. Install supplementary framing and bracing at the terminations in the work and for support of toilet accessories and other construction.
11. Secure hangers to structural support by connecting directly to structure where possible, otherwise connect to inserts, clips, or other anchorage devices or fasteners.

SECTION 093033 - TILING

- 1. Submittals: Product Data and Samples.
2. Stone Floor Tiles: Minimum abrasion resistance of 10, per ASTM C 1353 or ASTM C 241.
3. Tile
A. Varieties and Sources: As indicated on the Drawings
B. Select applicable cut in first subparagraph below; delete if stone selected has no veining.
C. Cut: As indicated on the Drawings
D. Finish: As indicated on the Drawings.
E. Edges: As indicated on the Drawings
F. Module Size: As indicated on the Drawings
G. Nominal Tile Thickness: As indicated on the Drawings
H. Joint Width: As indicated on the Drawings
4. Thresholds: As specified above for stone tile. Bevel edges at 1:2 slope, aligning lower edge of bevel with adjacent floor finish. Limit height of bevel to 1/2 inch (13 mm) or less and finish to match face of threshold.
5. Setting and Grouting Materials: Comply with material standards in ANSI's "Specifications for the Installation of Ceramic Tile" that apply to materials and methods indicated.
A. Grout Color: As indicated on drawings.
B. Thin-Set Mortar: Dry-set Portland cement mortar.
C. Cementitious Backer Units: Comply with ANSI A118.9, of thickness indicated.
6. Floor Finish: Colorless, slip- and stain-resistant, not affecting color or physical properties of stone surfaces.
7. Comply with tile installation standards in ANSI's "Specifications for the Installation of Ceramic Tile" that apply to materials and methods indicated.
A. For tile floors, follow procedures in ANSI A108 for providing 95 percent mortar coverage.
8. Comply with TCA's "Handbook for Ceramic Tile Installation."
A. Floor Tile Installation Method(s): TCA F114 Cement Mortar, Epoxy Grout; F122 Waterproof Membrane - Thin Set
B. Wall Tile Installation Method(s): TCA W243 Gypsum Board, Dry Set or Portland Cement Mortar; W244C Cement Backer Unit; W245 Coated Glass Mat Water-Resistant Gypsum Backer Board
9. Apply sealer to cleaned stone tile flooring according to sealer manufacturer's written instructions.
10. Installation of flooring:
A. Installation procedures will be thin set methods in strict accord with manufacturer's recommendations contained in each box of material. Accepted methods by the Tile Council of America including using the proper trowel (1/4" x 3/8" x 1/4"), beating-in and back-buttering. These techniques, especially for larger tile, must be followed to obtain proper transfer and levelness.
B. Close area to normal traffic for 24 hours (or longer) depending on type of material and manufacturer's recommendation. Flooring will be open to normal traffic after laying and grouting.
C. Provide setting and materials obtained from one source for each type and color of grout and setting materials.
11. All grout shall be epoxy grout.
12. All tile installation shall comply with Tile Council of North America, Inc. 2020 TCNA Handbook for Ceramic, Glass, and Stone Tile Installation and (ANSI) The American National Standard Specification for the Installation of Ceramic Tile.

SECTION 096723 - RESINOUS FLOORING

PART 1 - GENERAL

- 1.1 RELATED DOCUMENTS
A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.
1.2 SUMMARY
A. This Section includes one resinous flooring system, one with urethane body.
1. Application Method: Metal hand troweled.
1.3 SUBMITTALS
A. Product Data: For each type of product indicated. Include manufacturer's technical data, application instructions, and recommendations for each resinous flooring component required.
B. Samples for Verification: For each resinous flooring system required, 5 inches (150 mm) square, applied to a rigid backing.
C. Installer Certificates: Signed by manufacturer certifying that installers comply with specified requirements.
D. Maintenance Data: For resinous flooring to include in maintenance manuals.
1.4 QUALITY ASSURANCE
A. No request for substitution shall be considered that would change the generic type of floor system specified (i.e. Urethane mortar based system). Equivalent materials of other manufacturers may be substituted only on approval of Architect or Engineer. Request for substitution will only be considered only if submitted 10 days prior to bid date. Request will be subject to specification requirements described in this section.
B. Installer Qualifications: Engage an experienced installer (applicator) who is experienced in applying resinous flooring systems similar in material, design, and extent to those indicated for this Project, whose work has resulted in applications with a record of successful in-service performance, and who is acceptable to resinous flooring manufacturer.
1. Engage an installer who is certified in writing by resinous flooring manufacturer as qualified to apply resinous flooring systems indicated.
2. Contractor shall have completed at least 10 projects of similar size and complexity.
C. Source Limitations: Obtain primary resinous flooring materials, including primers, resins, hardening agents, grouting coats, and topcoats, through one source from a single manufacturer, with not less than ten years of successful experience in manufacturing and installing principal materials described in this section. Provide secondary materials, including patching and fill material, joint sealant, and repair materials, of type and from source recommended by manufacturer of primary materials.
D. Manufacturer Field Technical Service Representatives: Resinous flooring manufacturer shall train the services of Field Technical Service Representatives who are trained specifically on installing the system to be used on the project.
1. Field Technical Services Representatives shall be employed by the system manufacturer to assist in the quality assurance and quality control process of the installation and shall be available to perform field problem solving issues with the installer.

DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in original packages and containers, with seals unbroken, bearing manufacturer's labels indicating brand name and directions for storage and handling with other components.
B. Store materials to prevent deterioration from moisture, heat, cold, direct sunlight, or other detrimental effects. Store material per product data sheet.
C. All materials used shall be factory pre-weighed and pre-packaged in single, easy to manage batches to eliminate on site mixing errors. No on site weighing or volumetric measurements allowed.
1.6 PROJECT CONDITIONS
A. Environmental Limitations: Comply with resinous flooring manufacturer's written instructions for substrate temperature, ambient temperature, moisture, ventilation, and other conditions affecting resinous flooring application.
B. Lighting: Provide permanent lighting or, if permanent lighting is not in place, simulate permanent lighting conditions during resinous flooring application.
C. Close spaces to traffic during resinous flooring application and for not less than 24 hours after application, unless manufacturer recommends a longer period.
D. Concrete substrate shall be properly cured. A vapor barrier must be present for concrete subfloors on or below grade. Otherwise, an osmotic pressure resistant grout must be installed prior to the resinous flooring

1.7 WARRANTY

- A. Manufacturer shall furnish a single, written warranty covering both material and workmanship for a period of (1) full years from date of installation, or provide a joint and several warranty signed on a cover document by material manufacturer and applicator jointly and severally warranting the materials and workmanship for a period of (1) full year from date of installation. A sample warranty letter must be included with bid package or bid may be disqualified.
B. Installer to provide an additional warranty on workmanship.

PART 2 - PRODUCTS

2.1 RESINOUS FLOORING

- A. Available Products: Subject to compliance with requirements, product that may be incorporated into the work include,
1. Unsealed or "self-sealing" urethane mortar systems, multiple layers of liquids and broadcasts will not be accepted, and will result in a disqualification from bid.
B. Acceptable Manufacturers,
1. Stonhard Basis of design.
C. Products: Subject to compliance with requirements:
1. Stonhard, Inc.; Stonproof ME7 (Waterproof Primer), Stonclad UT®, With Stonkote HT4
System Characteristics:
1. Color and Pattern: Mushroom
2. Wearing Surface: Light, or medium
3. Integral Cove Base: Yes
4. Overall System Thickness: nominal 3/16-1/4".
E. System Components: Manufacturer's standard components that are compatible with each other and as follows:
1. Mortar:
a. Material design basis: Stonclad UT
b. Resin: Urethane.
c. Formulation Description: (4) four-component, 100 percent solids.
d. Application Method: Screed, Trowel.
1) Thickness of Coats: 3/16".
2) Number of Coats: One.
3) Broadcast texture into wet mortar base.
e. Aggregates: Pigmented blended aggregate.
2. Top coat:
a. Material design basis: Stonkote HT4
b. Resin: Urethane.
c. Formulation Description: (2) two-component, 100 percent solids.
d. Patching and Leveling: As indicated.
e. Finish: standard.
f. Number of Coats: One.
Note: Components listed above are the basis of design intent; all bids will be compared to this standard including resin chemistry, color, wearing surface, thickness, and installation procedures, including number of coats. Contractor shall be required to comply with all the requirements of the Specifications and all of the components required by the Specifications, whether or not such products are specifically listed above.

- F. System Physical Properties: Provide resinous flooring system with the following minimum physical property requirements when tested according to test methods indicated:
1. Compressive Strength: 7,700 psi after 7 days per ASTM C 579.
2. Tensile Strength: 1,000 psi per ASTM C 307.
3. Flexural Strength: 2,400 psi per ASTM C 580.
4. Water Absorption: < 1% per ASTM C 413.
5. Impact Resistance: > 160 lb. per ASTM D 2794.
6. Flammability: Class 1 per ASTM E 648.
7. Hardness: .80 to .84, Shore D per ASTM D 2240.
8. Flexural Modulus of Elasticity: 2.6x10^6 psi per ASTM C-580
9. Thermal Coefficient of Linear Expansion: 1.1x10^-5 in./in."F per ASTM C-531

2.2 ACCESSORY MATERIALS

- A. Primer: Stonproof ME7 (Waterproof Primer). Formulation Description: Stonclad UT urethane mortar is self priming.
B. Patching and Leveling: Use a four component fast setting Urethane grout. Moisture resistant polyurethane based grout designed for permanent repairs under flooring system. Stonhard, Stonset TGG. See drawings 1/4" per foot slope to drains. Use standard drain detail, saw cut and chase.
C. Waterproofing Membrane: Type recommended by manufacturer for substrate and primer and body coats indicated. Formulation Description Only if application above grade Stonproof ME7. Must include texture 3 broadcast to ensure intercoat adhesion.

PART 3 - EXECUTION

3.1 PREPARATION

- A. General: Prepare and clean substrates according to resinous flooring manufacturer's written instructions for substrate indicated. Provide clean and dry substrate for resinous flooring application.
B. Concrete Substrates: Provide sound concrete surfaces free of laitance, glaze, efflorescence, curing compounds, form-release agents, dust, dirt, grease, and other contaminants incompatible with resinous flooring.
1. Mechanically prepare substrates as follows:
a. Shot-blast surfaces with an apparatus that abrades the concrete surface, contains the dispensed shot within the apparatus, and recirculates the shot by vacuum pickup.
b. Comply with ASTM C 811 requirements, unless manufacturer's written instructions are more stringent.
2. Repair damaged and deteriorated concrete according to resinous flooring manufacturer's written recommendations.
3. Verify that concrete substrates are dry.
a. Perform in situ probe test, ASTM F 2170. Proceed with application only after substrates do not exceed a maximum potential equilibrium relative humidity of 85 percent.

- C. Use patching and fill material to fill holes and depressions in substrates according to manufacturer's written instructions.
D. Treat control joints and other nonmoving substrate cracks to prevent cracks from reflecting through resinous flooring according to manufacturer's recommendations. Allowances should be included for Stonflex MP7 joint fill material, and CTS concrete crack treatment.
3.2 APPLICATION
A. General: Apply components of resinous flooring system according to manufacturer's written instructions to produce a uniform, monolithic wearing surface of thickness indicated.
1. Coordinate application of components to provide optimum adhesion of resinous flooring system to substrate, and optimum intercoat adhesion.
2. Cure resinous flooring components according to manufacturer's written instructions. Prevent contamination during application and curing processes.
3. At substrate expansion and isolation joints, provide joint in resinous flooring to comply with resinous flooring manufacturer's written recommendations.
a. Apply joint sealant to comply with manufacturer's written recommendations.
B. Apply primer where required by resinous system, over prepared substrate at manufacturer's recommended spreading rate.
C. Integral Cove Base: Stonclad UR mortar, apply cove base mix to wall surfaces before applying flooring. Apply according to manufacturer's written instructions and details including those for taping, mixing, priming, troweling, sanding, of cove base. Round internal and external corners.
1. Integral Cove Base: 6" inches high.
D. Mortar: Mix mortar material according to manufacturer's recommended procedures. Uniformly spread mortar over substrate at manufacturer's recommended height using specially designed trowel and C Screed box. Broadcast desired texture directly into mortar base. Field verify texture needed
E. Apply topcoat in number of coats indicated for flooring system and at spreading rates recommended in writing by manufacturer.

3.3 TERMINATIONS

- A. Chase edges to "lock" the flooring system into the concrete substrate along lines of termination.
B. Penetration Treatment: Lap and seal the flooring system onto the perimeter of the penetrating item by bridging over compatible elastomer at the interface to compensate for possible movement.
C. Trenches: Continue flooring system into trenches to maintain monolithic protection. Treat cold joints to assure bridging of potential cracks.
D. Treat floor drains by chasing the flooring system to lock in place at point of termination.
3.4 JOINTS AND CRACKS
A. Treat control joints to bridge potential cracks and to maintain monolithic protection.
B. Treat cold joints and construction joints to bridge potential cracks and to maintain monolithic protection on horizontal and vertical surfaces as well as horizontal and vertical interfaces.
C. Discontinue floor coating system at vertical and horizontal contraction and expansion joints by installing backer rod and compatible sealant after coating installation is completed. Provide sealant type recommended by manufacturer for traffic conditions and chemical exposures to be encountered.
3.5 FIELD QUALITY CONTROL
A. Material Sampling: Owner may at any time and any numbers of times during resinous flooring application require material samples for testing for compliance with requirements.
1. Owner will engage an independent testing agency to take samples of materials being used. Material samples will be taken, identified, sealed, and certified in presence of Contractor.
2. Testing agency will test samples for compliance with requirements, using applicable referenced testing procedures or, if not referenced, using testing procedures listed in manufacturer's product data.
3. If test results show applied materials do not comply with specified requirements, pay for testing, remove noncomplying materials, prepare surfaces coated with unacceptable materials, and reapply flooring materials to comply with requirements.

3.6 CLEANING, PROTECTING, AND CURING

- A. Cure resinous flooring materials in compliance with manufacturer's directions, taking care to prevent contamination during stages of application and prior to completion of curing process. Close area of application for a minimum of 18 hours.
B. Protect resinous flooring materials from damage and wear during construction operation. Where temporary covering is required for this purpose, comply with manufacturer's recommendations for protective materials and method of application. General Contractor is responsible for protection and cleaning of surfaces after final coats.
C. Cleaning: Remove temporary covering and clean resinous flooring just prior to final inspection. Use cleaning materials and procedures recommended by resinous flooring manufacturer.

END OF SECTION 096723

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BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

Table with 3 columns: No., Description, Date. Row 1: 1, 80% SUBMITTAL, 06/23/2023

GENERAL NOTES & SPECIFICATIONS
Project number 2023-019
Date 03-29-2023
Drawn by AR
Checked by BW
A0.2
Scale

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SECTION 09200 - PAINTING

- Samples: Submit samples for review of each required color and texture. Identify materials used on samples.
- Submit paint samples on 8.5" x 11" hardboard. Resubmit samples until they are acceptable.
- Apply full-coat finish samples on at least 60 sq. ft. of wall where directed, until required sheen, color and texture are obtained under finished lighting.
- Apply water-based paints only when temperature of surfaces to be painted and surrounded air temperatures are between 50 degrees F and 90 degrees F, unless otherwise permitted by paint manufacturer's instructions.
- Apply solvent-thinned paints only when temperature of surfaces to be painted and surrounding air temperatures are between 45 degrees F and 90 degrees F, unless otherwise permitted by paint manufacturer's instructions.
- Do not apply paint when relative humidity exceeds 85%; or to damp or wet surfaces; unless otherwise permitted by paint manufacturer's instructions.
- Do not paint over dirt, rust, scale, grease, moisture, or conditions detrimental to formation of a durable paint film.
- Provide barrier coats over incompatible primers or remove and re-prime as required.
- Remove hardware, accessories, lighting fixtures, and similar items not to be field-painted, or provide suitable protection. Remove items if necessary, for painting of items or adjacent surfaces.
- Clean surfaces to be painted. Remove oil and grease prior to other cleaning. Be sure that cleaning materials do not fall onto newly-painted surfaces.
- Available Manufacturers: Subject to compliance with requirements, provide products as manufactured by Benjamin Moore and Co. or approved equal.
- Colors: As specified by Architects.
- Volatile Organic Materials: Provide paint and coating products to comply with applicable environmental regulations authorities. Federal numbers where specified, are for guidelines only.
- Primers and Undercoat: Provide primers and undercoat recommended by the finish coating manufacturer for suitability with the substrate and compatibility with finish coats.
- Cementitious Materials: Remove efflorescence, chalk, dust, and dirt, grease, oils, and release agents. Correct alkalinity before application of paint.
- Wood: Scrape, clean and seal all architectural woodwork items, scheduled to be field painted, before priming as recommended by the fabricator.
- Ferrous Metals: Clean unfinished ferrous surfaces of oil, grease, dirt, loose mill scale and other foreign by solvent or mechanical cleaning. Touch-up defective shop-prime coats with shop primer.
- Note: No spraying of oil based paints or materials permitted.
- Apply paint in accordance with manufacturer's directions. Use applicators and techniques best suited for substrate and type of material being applied.
- Use only thinners approved by the paint manufacturer and only within recommended limits.
- Provide finish coats which are compatible with prime paints used.
- Apply additional coats when undercoats shoe through final coat of paint, until paint film is uniform finish, color and appearance, including edges, corners, crevices, welds and fasteners.
- Paint interior surfaces of duct, diffusers, radiator enclosures where visible through registers or grilles with flat, non-specular white paint.
- Paint back sides of access panels, and removable doors varnish coat.
- Sand lightly between each succeeding enamel or varnish coat.
- Omit first coat (primer) on metal surfaces that have shop primed and touch-up painted.
- Completed Work: Match approved samples for colors and texture. Repaint work not in compliance with specified requirements
- Clean - Up: During progress work, remove from site discarded paint materials, rubbish, cans and rags at the end of each work day. Upon completion painting work clean paint splattered surfaces. Remove splattered paint by proper methods, with care not scratch or otherwise damage finished surfaces.
- Interior Paint and Finish Schedule : General: Subject to compliance with requirements, provide following interior paint systems, or equal by other specified manufactures, of color as selected by the Architect. Completely cover material to provide a smooth surface of uniform finish in color, appearance and coverage. Cloudiness, spotting, holidays, laps, brush marks, runs, sags, ropiness or other surface imperfections will not be acceptable.
- See finish schedule for further information.

Division 10: Miscellaneous Specialties:

General Contractor (GC) to install owner supplied furnishing and equipment (as noted in the division of work).

104416 FIRE EXTINGUISHERS

Fire extinguishers: GC is to furnish and install hook mounted or cabinet mounted (per drawings) 10 lb fire extinguishers as required by code or as directed by the Fire Marshall. Provide type ABC for general use and type K for use in kitchens. Locate as directed by the Fire Marshall and verify location with Architect.

BEV WAY - BEVERAGE LINE CONDUIT SYSTEMS

- The Beverage Line Conduit Systems to be installed hereunder shall be 4", 6", 8" or 10" as specified on the Food Service drawings; corrosion resistant Aluminum conduit tubing, conforming to ASTM-B313 and ANSI-H26, and H35.1, as manufactured by Kelly BevWay Systems Co., Chicago, IL, 877-753-0600.
- Bends shall be long sweep type, of the same grade and coated in the same manner as the tubing specified above. Minimum centerline radius of all bends shall be 24" for 4" O.D., 30" for 6" O.D., 32" for 8" O.D., and 32" for 10" O.D. No segmented elbows or short radius plumbing elbows shall be permitted.
- All joints shall be made with a liquidite mechanical bolted coupling system or liquidite slip coupling system. Edges of tubing and bends must be deburred and smoothed prior to forming joints. Expansion sleeves with a moisture barrier must be provided where the conduit crosses building expansion joints, liquidite integrity maintained.
- No spiral formed tubing or duct, or other unsmooth interior tubing or conduit will be permitted. PVC shall be used only for underground and other buried portions of the systems, Schedule 40 type with Long Radius Sweep Bends, 24" for 4" PVC, 30" for 6" PVC and 48" for 8" PVC.
- Multi-Clamped Pull Sleeves, four (4) feet long minimum, must be provided for continued access to beverage lines in accessible locations approximately every 100 feet or every three (3) bends, whichever occurs first. Where junctions are required, Pull Boxes having adequate inside dimensions for pulling and turning will be provided in place of a Pull Sleeve. Conduit system terminations shall be stubbed-up 4" above finished floor unless otherwise called out on drawings. All floor penetrations shall be sealed with a UL approved firestop assembly method.
- All terminations shall be finished with a rounded slip fitting end-mouth having a smooth bell-shaped swaged outer edge.
- Support hangers will be double rod type and spaced on 10 foot centers. Support hangers will be provided within 1 foot of each Pull Box.

Division 11: Equipment:

General Contractor (GC) to install owner supplied furnishing and equipment (as noted in the division of work).

Division 12: Furnishings:

General Contractor (GC) to install owner supplied furnishing and equipment (as noted in the division of work).

Annotation List

ABV	ABOVE	NIC	NOT IN CONTRACT
A/C	AIR CONDITIONING	NTS	NOT TO SCALE
ACT	ACOUSTICAL CEILING TILE		
ADJ	ADJUSTABLE	OC	ON CENTER
AFJ	ABOVE FINISHED FLOOR	OPP	OPPOSITE
		OSB	ORIENTED STRAND BOARD
BD	BOARD	PLAM	PLASTIC LAMINATE
BLDG	BUILDING	PLUMB	PLUMBING
BLKG	BLOCKING	PSF	POUNDS PER SQUARE FOOT
BM	BEAM OR BENCHMARK	PSI	POUNDS PER SQUARE INCH
BOH	BACK OF HOUSE		
BTWN	BETWEEN	QT	QUARRY TILE
		QTR	QUARTER
CAB	CABINET	QTY	QUANTITY
CJ	CONTROL JOINT		
CL	CENTERLINE	R	RADIUS
CLG	CEILING	RB	RUBBER BASE
CMU	CONCRETE MASONRY UNIT	REF	REFERENCE
CO	CLEAN OUT	REINF	REINFORCE
COL	COLUMN	REQ	REQUIRED
CONC	CONCRETE	RM	ROOM
CONT	CONTINUOUS	RO	ROUGH OPENING
CONST	CONSTRUCTION		
CG	CORNER GUARD	SF	SQUARE FEET
CPT	CARPET	SHT	SHEET
CSMT	CASEMENT	SIM	SIMILAR
		SPECS	SPECIFICATIONS
DIM	DIMENSION	SOD	SLAB ON DECK
DN	DOWN	SOG	SLAB ON GRATE
DWG	DRAWING	SS	STAINLESS STEEL
		ST	STONE
EA	EACH	STD	STANDARD
EJ	EXPANSION JOINT	STRUCT	STRUCTURAL
ELEC	ELECTRICAL		
ELEV	ELEVATION	TEMP	TEMPERED, TEMPORARY
EQ	EQUAL	T.O.	TOP OF
EQUIP	EQUIPMENT	T&G	TONGUE AND GROOVE
EXH	EXHAUST	TEL	TELEPHONE
EXIST	EXISTING	TRAN	TRANSFORMER
EXT	EXTERIOR	TV	TELEVISION
		TYP	TYPICAL
		UL	UNDERWRITERS LABORATORY
FA	FIRE ALARM	UNO	UNLESS NOTED OTHERWISE
FD	FLOOR DRAIN		
FE	FIRE EXTINGUISHER	VERT	VERTICAL
F.F.	FINISHED FLOOR	VEST	VESTIBULE
FLR	FLOOR	VIF	VERIFY IN FIELD
FOH	FRONT OF HOUSE	VR	VAPOR RETARDER
FP	FIRE PROTECTION		
FRP	FIBERGLASS REINFORCED PANEL	W/	WITH
FRT	FIRE RETARDANT TREATED	WC	WATER CLOSET
		WD	WOOD
GA	GAUGE	WDW	WINDOW
GALV	GALVANIZED	WH	WATER HEATER
GB	GYPSUM BOARD	W/IN	WITHIN
GC	GENERAL CONTRACTOR	W/O	WITHOUT
GL	GLASS, GLAZING	WP	WATERPROOF
GWB	GYPSUM WALL BOARD	WT	WEIGHT
GYP	GYPSUM		
		#	NUMBER OR POUND
HORIZ	HORIZONTAL	@	AT
HT	HEIGHT		
HVAC	HEATING/VENTILATION & AIR CONDITIONING		
INFO	INFORMATION		
INSUL	INSULATION		
INT	INTERIOR		
INV	INVERT		
JT	JOINT		
J-BOX	JUNCTION BOX		
KEC	KITCHEN EQUIPMENT CONSULTANT		
KIT	KITCHEN		
LAM	LAMINATED		
LAV	LAVATORY		
LF	LINEAR FEET		
MAS	MASONRY		
MAT	MATERIAL		
MAX	MAXIMUM		
MECH	MECHANICAL		
MEZZ	MEZZANINE		
MFR	MANUFACTURER		
MIN	MINUMU		
MISC	MISCELLANEOUS		
MTL	METAL		
MW	MILLWORKER		

SYMBOL LEGEND

	CALLOUT TAG
	CASEWORK TAG
	DOOR TAG
	EXIT SIGN
	FURNITURE TAG
	COLUMN LINE
	ELEVATION LEVEL
	LIGHT FIXTURE TAG
	MATERIAL TAG
	ROOM FINISH TAG
	ROOM TAG
	SECTION TAG
	SPOT ELEVATION TAG
	WALL TYPE

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BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	80% SUBMITTAL	06/23/2023

GENERAL NOTES & SPECIFICATIONS

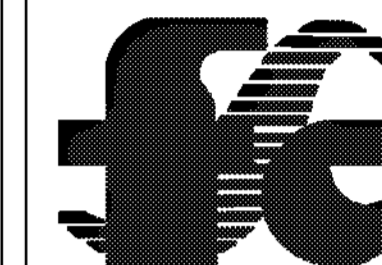
Project number 2023-019
Date 03-29-2023
Drawn by AR
Checked by BW

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Scale



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WILMINGTON INTERNATIONAL AIRPORT
1740 AIRPORT BLVD.
WILMINGTON, NC, 28405
BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

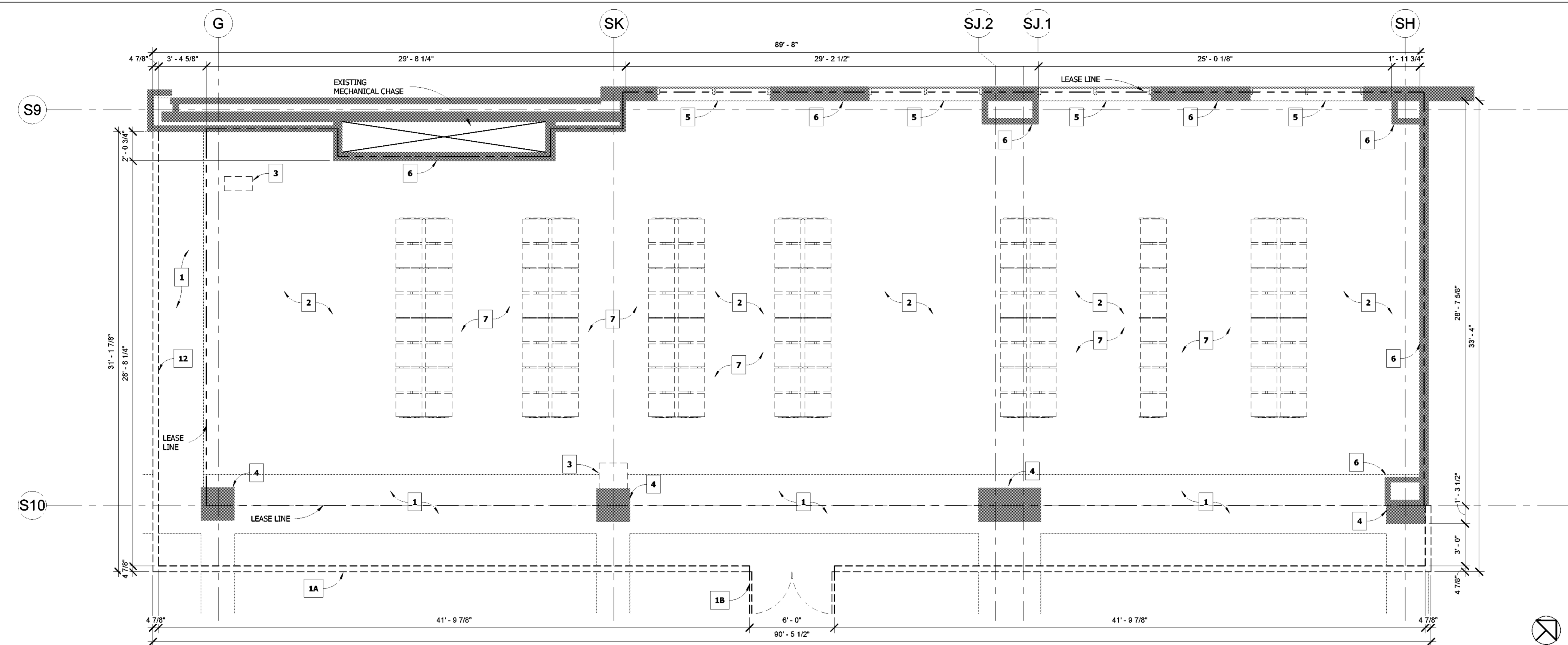
No.	Description	Date
1	80% SUBMITTAL	06/23/2023

DEMOLITION FLOOR PLAN

Project number 2023-019
Date 03-29-2023
Drawn by AR
Checked by BW

A0.4

Scale As indicated



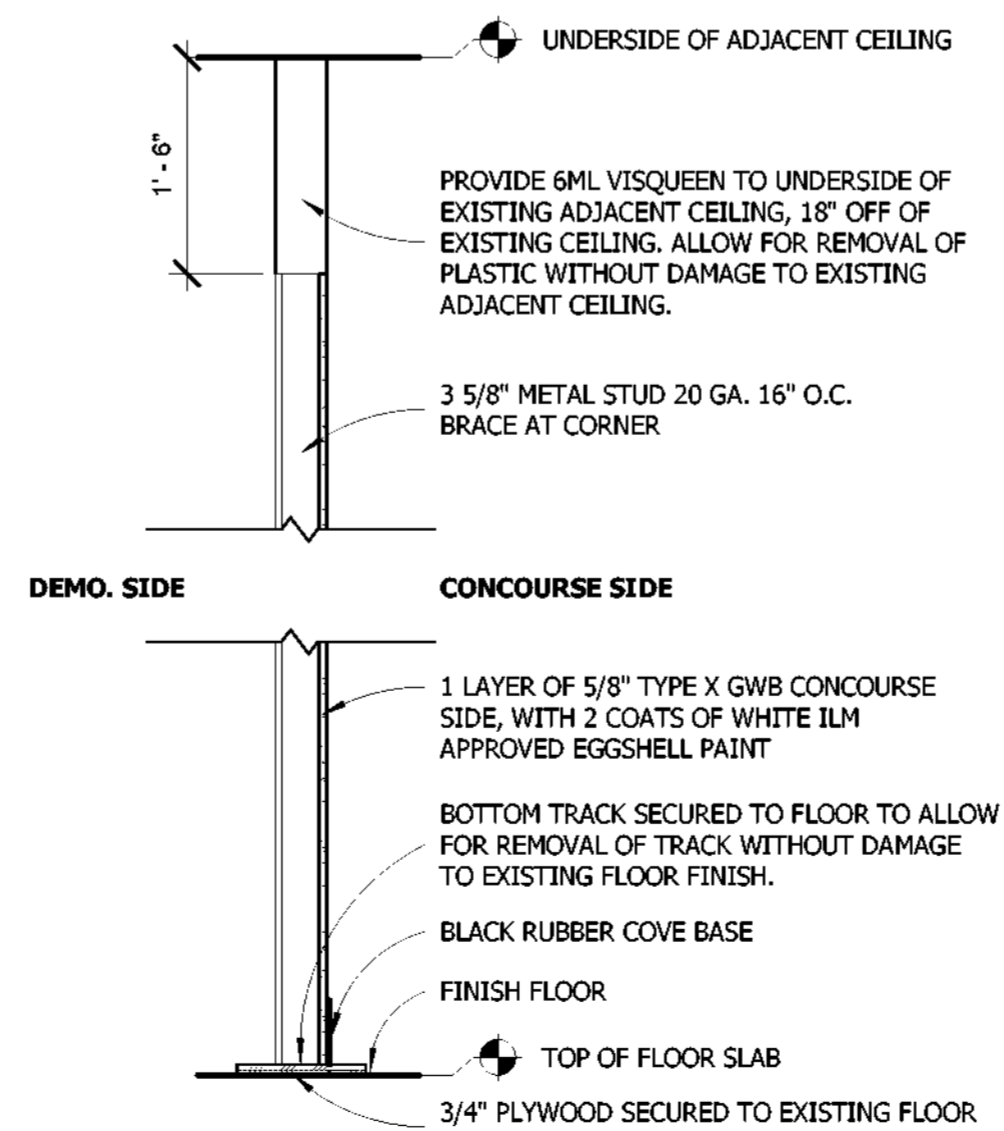
1 DEMOLITION PLAN
1/4" = 1'-0"

GENERAL DEMOLITION NOTES

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- REFER TO CONSTRUCTION PLANS FOR EXTENT OF NEW CONSTRUCTION.
- COORDINATE DEMOLITION WORK WITH ELECTRICAL DRAWINGS.
- CARE SHOULD BE TAKEN TO PROTECT, MAINTAIN, AND NOT INTERRUPT EXISTING SERVICES AND UTILITIES SERVING THE BLDG.
- GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN PLANS AND EXISTING CONDITIONS.
- ASBESTOS/ HAZARDOUS WASTE - CONTACT AND REMOVAL: THE OWNER SHALL BE IMMEDIATELY NOTIFIED IF DEMOLITION AND/OR CONSTRUCTION UNDER THIS CONTRACT INVOLVES CONTACT WITH ASBESTOS OR OTHER HAZARDOUS MATERIAL. IF FOUND OR SUSPECTED WITHIN THE AREAS OF DEMOLITION AND/OR CONSTRUCTION, NOTIFY OWNER IMMEDIATELY.
- CONFORM TO LOCAL BUILDING CODE FOR DEMOLITION, SAFETY OF ADJACENT STRUCTURES, DUST CONTROL, SERVICE UTILITIES AND DISCOVERED HAZARDS.
- PERMITS: GENERAL CONTRACTOR SHALL MAKE ALL ARRANGEMENTS, PAY FOR AND OBTAIN ALL DEMOLITION PERMITS, INCLUDING PERMITS REQUIRED TO DISCONNECT AND CAP ALL UTILITIES, AS REQUIRED, INCLUDING BUT NOT LIMITED TO DOMESTIC AND FIRE PROTECTION, WATER, GAS ELECTRICAL AND PHONE SERVICES, STORM AND SANITARY SEWERS.
- PRIOR TO CONTRACT, GENERAL CONTRACTOR SHALL INSPECT ALL AREAS AFFECTED BY DEMOLITION AND EXISTING CONSTRUCTION TO REMAIN, AS WELL AS ADJACENT AREAS AFFECTED BY DEMOLITION.
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- GENERAL CONTRACTOR SHALL REPAIR OR RESTORE TO EXISTING CONDITION ADJACENT CONSTRUCTION AND PUBLIC OR PRIVATE PROPERTY DAMAGED BY WORK.
- MAINTAIN PROTECTED EGRESS AND ACCESS AT ALL TIMES. DO NOT CLOSE OR OBSTRUCT ROADWAYS OR SIDEWALKS WITHOUT PERMITS. DO NOT CLOSE OR OBSTRUCT REQUIRED EXISTING EGRESS AT ANY TIME.
- CEASE OPERATIONS IMMEDIATELY IF ADJACENT STRUCTURES APPEAR TO BE IN DANGER. NOTIFY AUTHORITY HAVING JURISDICTION AND ARCHITECT/ ENGINEER.
- DISCONNECT, CAP AND IDENTIFY DESIGNATED UTILITIES, PER DRAWINGS AND AS REQUIRED.
- DEMOLISH COMPONENTS INDICATED, IN AN ORDERLY AND CAREFUL MANNER.
- COORDINATE SEQUENCE OF ALL DEMOLITION AND NEW CONSTRUCTION WITH OWNER.
- REMOVE DEMOLISHED MATERIALS FROM SITE AS WORK PROGRESSES.
- UPON COMPLETION OF DEMOLITION, THE PREMISES SHALL BE LEFT CLEAN AND CLEAR OF DEBRIS.
- ANY PENETRATIONS TO EXISTING ROOFING SHALL MEET ALL REQUIREMENTS TO MAINTAIN OWNER WARRANTY. VERIFY REQUIREMENTS WITH OWNER.
- PROVIDE TEMPORARY SHORING AND BRACING MEMBERS WITH CONNECTIONS OF SUFFICIENT STRENGTH TO BEAR IMPOSING LOADS. REMOVE TEMPORARY CONNECTIONS AND MEMBERS WHEN PERMANENT MEMBERS ARE IN PLACE AND FINAL CONNECTIONS ARE MADE. LEVEL AND PLUMB. INDIVIDUAL MEMBERS OF THE STRUCTURE WITHIN ACCEPTABLE TOLERANCES. G.C. SHALL ASSUME RESPONSIBILITY FOR PROVIDING ADEQUATE BRACING OF ALL WALLS DURING DEMOLITION AND CONSTRUCTION.
- ALL WORK MUST COMPLY WITH O.S.H.A. SAFETY GUIDELINES.
- WHEN EXISTING MECHANICAL, PLUMBING AND/OR ELECTRICAL FIXTURES AND/OR EQUIPMENT ARE REMOVED FROM THE BUILDING, THEY ARE TO BE DISCONNECTED AT THE SOURCE. (UNLESS OTHERWISE NOTED)
- THE DOCUMENTS ASSUME ALL MECHANICAL, PLUMBING & ELECTRICAL DEVICES TO REMAIN ARE IN SATISFACTORY CONDITION AND ARE TO BE REUSED. ITEMS SCHEDULED FOR REUSE ARE TO BE INSPECTED BY A MECHANICAL/ ELECTRICAL CONTRACTOR AND THE OWNER SHALL BE ADVISED OF CONDITION FOR REUSE.
- ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL, TELEPHONE OUTLETS AND ALL ASSOCIATED WIRES IN THE WALLS TO BE REMOVED AND TERMINATED AT THE LAST OUTLET THAT REMAINS IN SERVICE. COORDINATE WITH ELECTRICAL PLANS.
- ALL EMPTY CONDUIT AND JUNCTION BOXES TO BE REMOVED.
- DEMOLITION CONTRACTOR SHALL REMOVE ALL FLOOR COVERINGS WHERE INDICATED AND GLUE AND PREPARE THE FLOOR FOR NEW FLOOR COVERINGS PER MFG WRITTEN RECOMMENDATIONS.
- CONTRACTOR SHALL AVOID ANY CUTTING OF EXISTING REINFORCEMENT OF EXISTING FLOOR DURING INSTALLATION OR DEMOLITION OF ANY CONDUIT OR PIPE, ETC.
- ALL DEBRIS, DIRTY WATER/RESIDUE FROM TILE CUTTING ETC MUST BE TAKEN OFF SITE AND DISPOSED OF CORRECTLY.
- REMOVE ALL TRASH FROM WORK SITE DAILY. BETWEEN THE HOURS OF 10 PM TO 4:30 AM.
- ALL UNUSED EXISTING FLOOR PENETRATIONS MUST BE COMPLETELY FILLED AND PATCHED.
- AN AIR FILTER MUST BE INSTALLED ON THE RETURN AIR GRILL DURING DEMOLITION AND CONSTRUCTION. IT SHOULD BE CHECKED ROUTINELY AND REPLACED WHEN NEEDED.
- ALL UNUSED EXISTING FLOOR PENETRATIONS MUST BE COMPLETELY FILLED AND PATCHED. PROVIDE DETAILS ON THE PLAN.
- UTILITIES TO BE DEMOLISHED SHALL BE REMOVED TO THE SOURCE OR A TERMINATION POINT AS DESIGNATED BY A MA-224 REPRESENTATIVE INCLUSIVE OF BUT NOT LIMITED TO PIPE, EQUIPMENT, HANGERS, AND/OR ACCESSORIES.

BARRICADE NOTES:

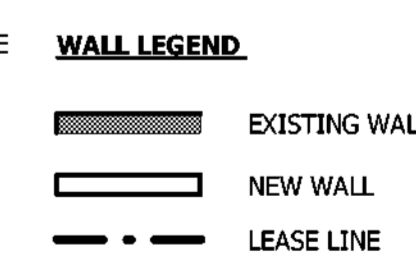
- GC TO MAINTAIN INTEGRITY OF BARRICADE WALL.
- PROTECT AIRPORT FLOORINGS TO REMAIN.
- BARRICADE LOCKS MUST BE COMPATIBLE WITH BEST 7 PIN SYSTEM.
- BARRICADE CONSTRUCTION TO BE COORDINATED WITH WHITE BOX CONTRACTOR AND CONFIRMED WITH WILMINGTON INTERNATIONAL AIRPORT FOR APPROVAL.
- CONTINUOUS CONSTRUCTION BARRICADE TO SEPARATE WORK AREA FROM NON- SECURE CONCOURSE AREAS.
- TAPE, FLOAT, AND PAINT CONCOURSE SIDE OF BARRICADE & INSTALL GRAPHICS PROJECT BY CONCESSIONS WHITE BOX CONTRACTOR PER WILMINGTON INTERNATIONAL AIRPORT DIRECTION.
- TENANT IS RESPONSIBLE FOR COST AND INSTALLATION OF BARRICADE GRAPHIC.
- GC TO VERIFY DOOR LOCATION IN FIELD.
- GC IS RESPONSIBLE FOR RELOCATING ANY AIRPORT DEVICES SUCH AS STROBES, PULLS, ETC., TO THE BARRICADE AS DIRECTED BY ILM.
- DEMOLITION OF DUST PARTITION AT CONCLUSION OF PROJECT BY GC.
- REPAIR ANY DAMAGES TO AIRPORT CEILING OR FLOORING AFTER REMOVAL OF BARRICADE.



2 BARRICADE SECTION
3/4" = 1'-0"

DEMOLITION NOTES

- NEW TEMPORARY BARRICADE BY GC. PROVIDE DEMOLITION OF BARRICADE AT CONCLUSION OF PROJECT. VINYL GRAPHICS BY OWNER.
- PROVIDE DOUBLE DOORS WITH LOCK FOR BARRICADE WALL. PROVIDE DOOR CLOSURE, PROVIDE ASTRAGAL, PROVIDE BEST 6-OR-7 PIN STORAGE LOCKSET, CONTRACTOR RESPONSIBLE FOR COMPLYING WITH AIRPORT STANDARDS. DOOR TYPE TO BE STEEL CRAFT HOLLOW METAL SERIES L.
- EXISTING AIRPORT TERRAZZO TO REMAIN. PROTECT FROM DAMAGE. GC TO REPAIR ANY DAMAGE CAUSED DURING DEMOLITION AND CONSTRUCTION.
- REMOVE EXISTING AIRPORT CARPET. PREPARE TO RECEIVE NEW FINISHES.
- EXISTING FURNISHINGS TO BE REMOVED OR RELOCATED. COORDINATE WITH OWNER'S REPRESENTATIVE ABOUT REMOVAL OR RELOCATION OF ANY FURNISHINGS.
- EXISTING COLUMN AND ENCLOSURE TO REMAIN.
- EXISTING WINDOWS TO REMAIN. PROTECT AND REPAIR IF DAMAGED.
- EXISTING WALL TO REMAIN. REMOVE EXISTING FINISHES ON TENANT SIDE. PATCH AND REPAIR EXISTING SUBSTRATE OR REPLACE WITH NEW IF NECESSARY. PREPARE TO RECEIVE NEW FINISHES.
- EXISTING AIRPORT FURNITURE TO BE REMOVED OR RELOCATED. COORDINATE WITH AIRPORT REPRESENTATIVE ABOUT REMOVAL OR RELOCATION OF ANY FURNISHINGS.
- EXISTING AIRPORT CEILING TO REMAIN. PROTECT AND REPAIR IF DAMAGED.
- EXISTING AIRPORT HEADERS TO REMAIN. PROTECT AND REPAIR IF DAMAGED.
- EXISTING AIRPORT LIGHT FIXTURES, CAMERAS, SPEAKERS, DIFFUSERS TO REMAIN.
- REMOVE EXISTING AIRPORT ACT TILES. ACT GRID CEILING TO REMAIN. PROTECT AND REPAIR IF DAMAGED.
- REMOVE EXISTING BASE BUILDING HEADER.
- REMOVE EXISTING LIGHTING FIXTURES, CAMERAS, SPEAKERS, DIFFUSERS, ETC.
- GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT TENANT REGARDING BARRICADE TERMINATION LOCATION.



WATERPROOF MEMBRANE NOTE:
GC TO PROVIDE CONTINUOUS WATERPROOF MEMBRANE IN WET AREAS AND WRAP 6" UP WALLS.

DIMENSIONS NOTE:
VERIFY DIMENSIONS OF ALL EXISTING ITEMS IN FIELD. INFORM DESIGNER OF ANY DISCREPANCIES OBSERVED.

GENERAL NOTE:
1) GC TO VERIFY ALL FIELD DIMENSIONS AND CONTACT PROJECT ARCHITECT WITH ANY SITE DISCREPANCIES.
2) FIRE RATED WOOD IS REQUIRED FOR ALL BLOCKING.

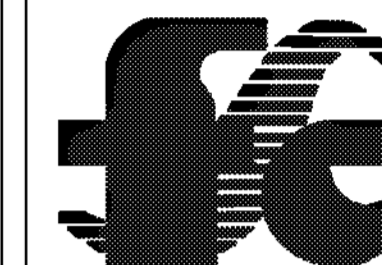
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- NOTES:**
- CONTINUOUS CONSTRUCTION BARRICADE TO SEPARATE WORK AREA FROM NON-SECURE CONCOURSE AREAS
 - TAPE, FLOAT, AND PAINT CONCOURSE SIDE OF BARRICADE AND INSTALL GRAPHICS PER LANDLORD DIRECTION.

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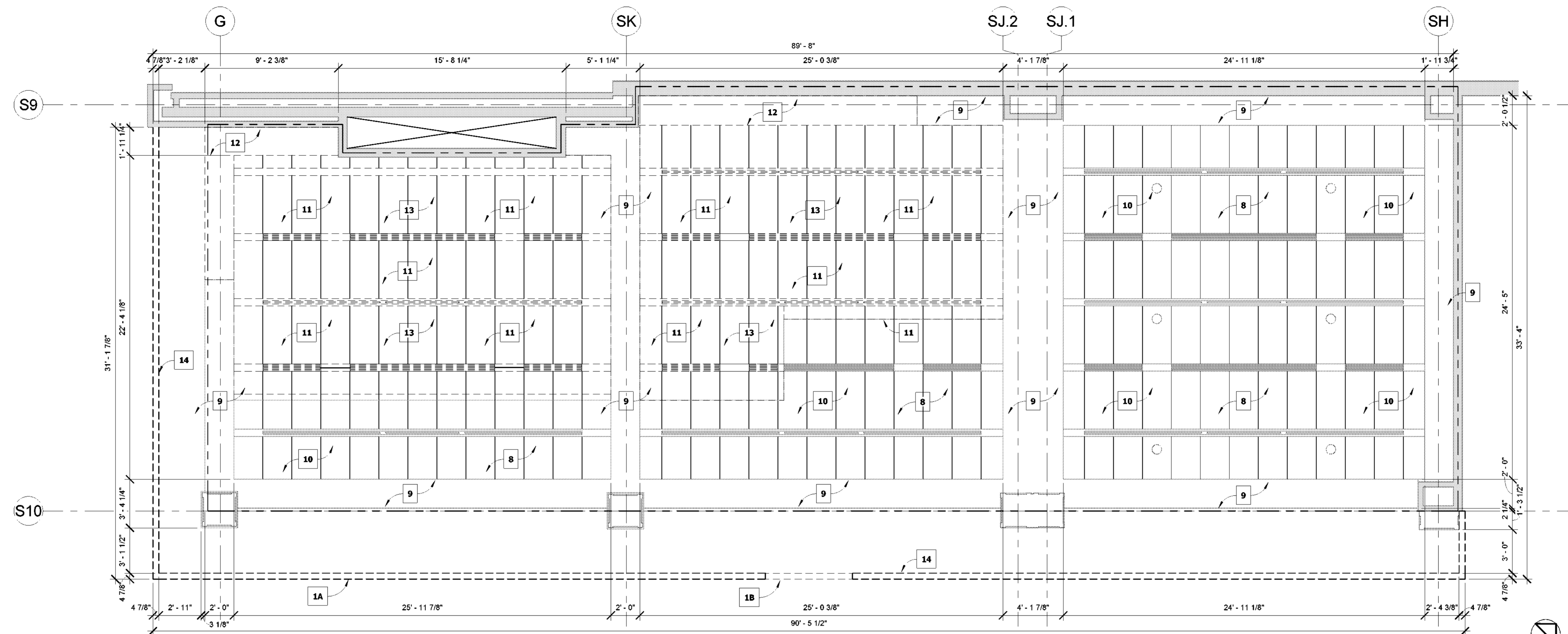
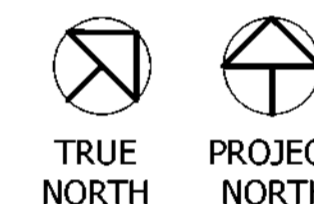
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1 DEMOLITION REFLECTED CEILING PLAN
1/4" = 1'-0"

GENERAL DEMOLITION NOTES

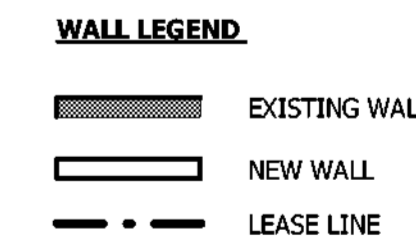
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WATERPROOF MEMBRANE NOTE:
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BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

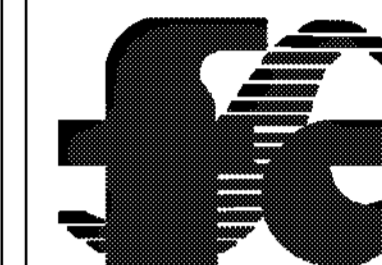
No.	Description	Date
1	80% SUBMITTAL	06/23/2023

DEMOLITION REFLECTED CEILING PLAN

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Scale 1/4" = 1'-0"



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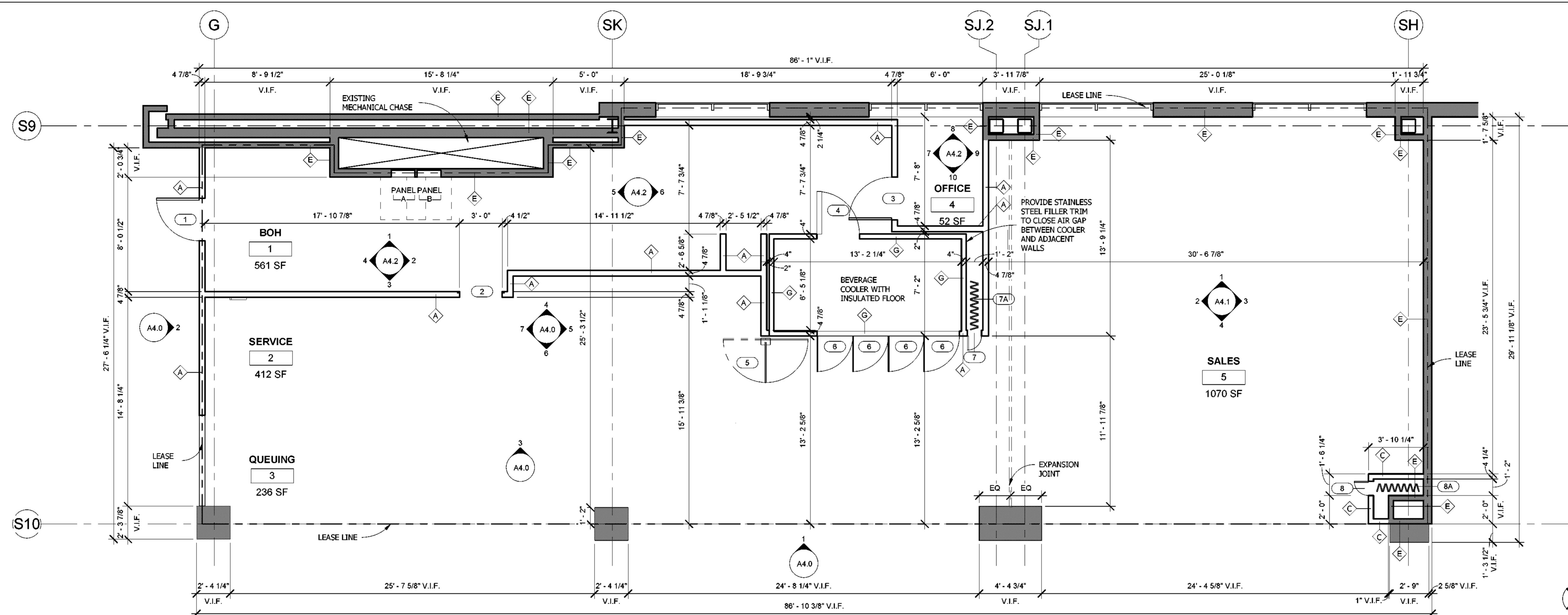
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CONSTRUCTION
PLAN

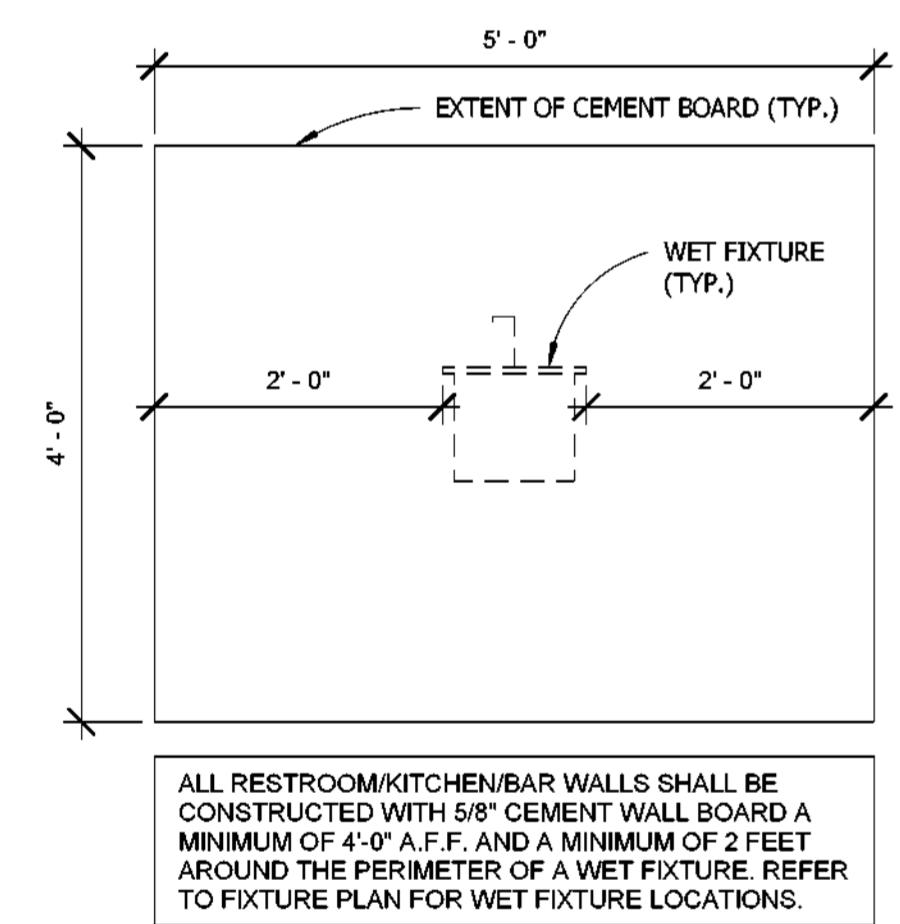
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Checked by BW

A1.0

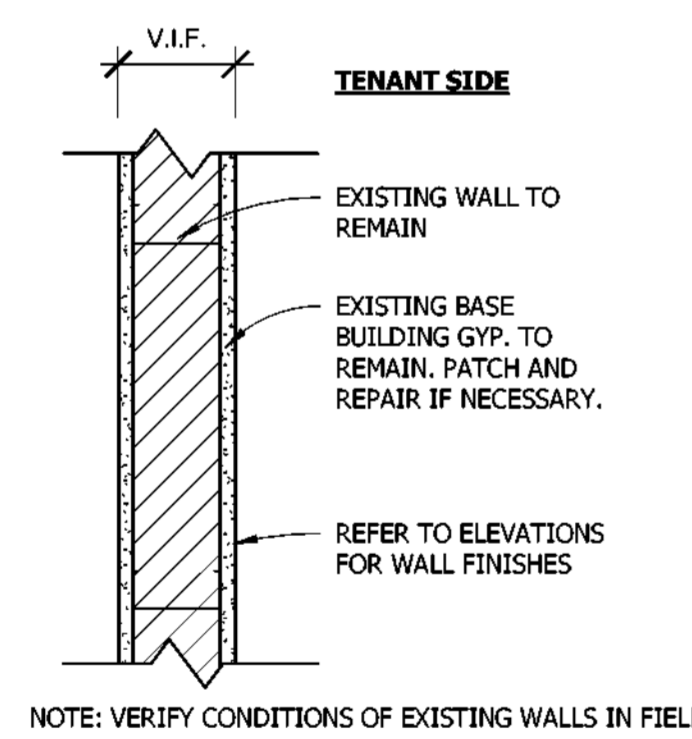
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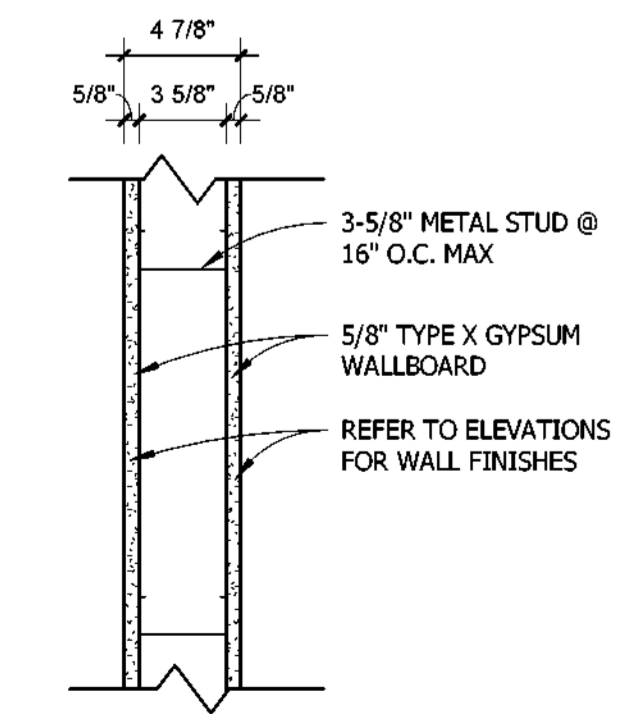
1 CONSTRUCTION PLAN
1/4" = 1'-0"



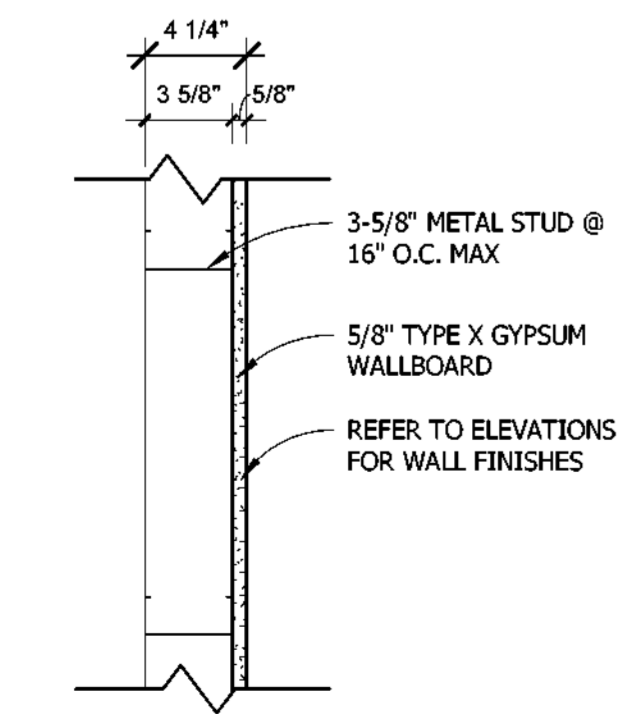
4 CEMENT WALL BOARD ELEVATION
DETAIL (TYP.)
3/4" = 1'-0"



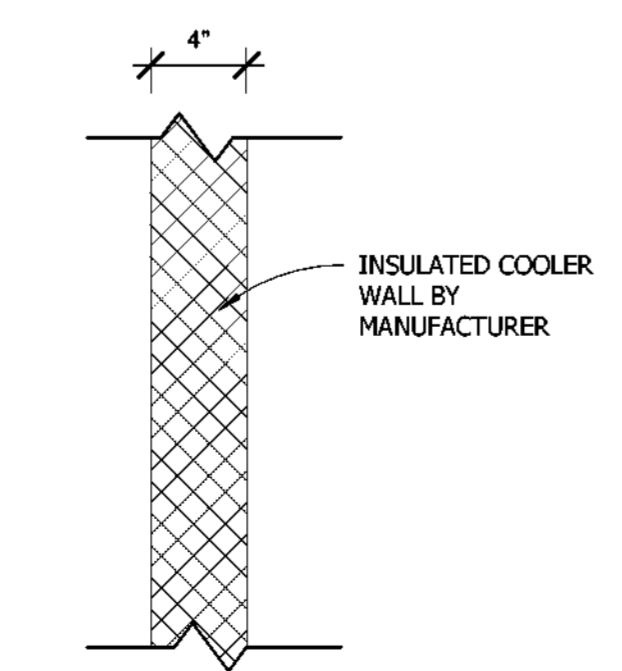
5 WALL TYPE E - EXISTING
1 1/2" = 1'-0"



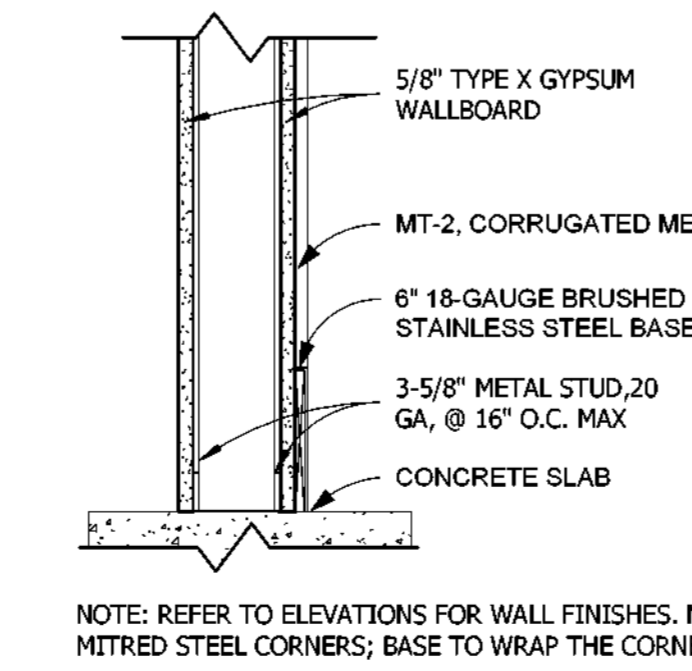
6 WALL TYPE A
1 1/2" = 1'-0"



7 WALL TYPE C - (1) GYP LAYER
1 1/2" = 1'-0"



8 WALL TYPE G - COOLER
1 1/2" = 1'-0"



9 STAINLESS STEEL BASE
1 1/2" = 1'-0"

DOOR SCHEDULE

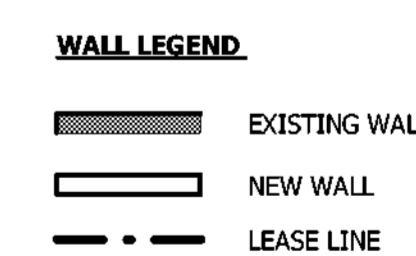
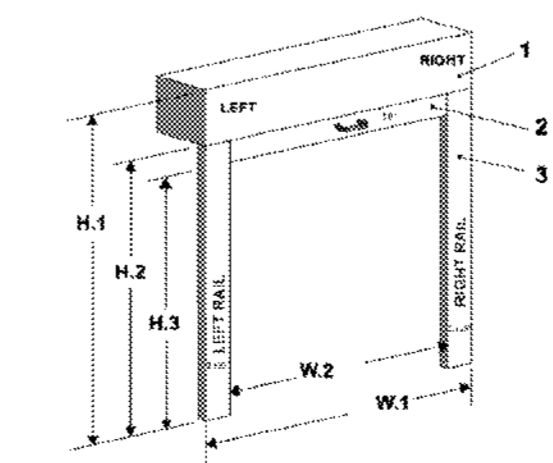
Door Number	Location	Description	Manufacturer	Model	Door				Frame Finish	Hardware	Comments	Furnished By	Installed By	Count
					Width	Height	Thickness	Finish						
1	BOH	SINGLE SWING DOOR	STEELCRAFT	L SERIES, HOLLOW METAL, WHITE FINISH	3'-0"	7'-0"	0'-1 3/4"	P-2	P-2	HARDWARE SET A	DOOR PAINTED P-2 ON BOTH SIDES	GC	GC	1
2	BOH	ROLL DOWN SHUTTER	ROLLKOK	ROLL-SHUTTER / MANUAL OPERATION	3'-6"	7'-4"	0'-1 1/2"	BLACK	BLACK	HARDWARE SET D	LOCKING, INSTALL PER MFR. RECOMMENDATIONS. HEATHER WILDONER, E:HEATHER@ROLLKOK.COM, T:817-701-2435	GC	GC	1
3	OFFICE	SINGLE SWING DOOR	STEELCRAFT	L SERIES, HOLLOW METAL, WHITE FINISH	3'-0"	7'-0"	0'-1 3/4"	P-2	P-2	HARDWARE SET A	DOOR PAINTED P-2 ON BOTH SIDES	GC	GC	1
4	BOH	BEVERAGE COOLER DOOR	BY MANUF.	BY MANUFACTURER	3'-0"	6'-8"	0'-4"	PER MANUFACTURER	PER MANUFACTURER	PER MANUFACTURER	INSTALL PER MFR. RECOMMENDATIONS	OWNER	GC	1
5	SERVICE	SWING GATE	ELIASON	SCP. GATE WITH GATE POST	3'-1 1/2"	2'-9"	0'-1"	PL-3	PC-1	ELIASON GATE POST	SWING GATE TO HAVE 1" GAP BETWEEN FLOOR AND BOTTOM. GATE POST TO BE 2'-10" TALL AND HAVE BLACK METAL FINISH. DOOR WIDTH FROM EDGE OF GATE TO BACK OF POST. LOCATED AT SERVICE AREA.	GC	GC	1
6	SALES	BEVERAGE COOLER CUSTOMER DOOR	BY MANUF.	BY MANUFACTURER	2'-6"	6'-6"	0'-0 1/2"	PER MANUFACTURER	PER MANUFACTURER	PER MANUFACTURER	INSTALL PER MFR. RECOMMENDATIONS	OWNER	GC	4
7	SALES	FOLDING GRILLE POCKET DOOR	CUSTOM	CUSTOM	1'-0"	9'-6"	0'-1"	PL-1	MT-1	HARDWARE SET B	DOOR TO HAVE A STAINLESS STEEL FINISH BASE	GC	GC	1
7A	RETAIL	SECURITY GRILLE	MOBILFLEX	IMPACT (S-128)	27'-1"	10'-8"	0'-1"	CLEAR ANODIZED	MT-1	HARDWARE SET C	LOCATED AT STOREFRONT. PAINT, PB. 3'-0" INSIDE GRILLE ENCLOSURE	GC	GC	1
8	SALES	FOLDING GRILLE POCKET DOOR	CUSTOM	CUSTOM	1'-0"	9'-6"	0'-1"	PL-1	MT-1	HARDWARE SET B	DOOR TO HAVE A STAINLESS STEEL FINISH BASE	GC	GC	1
8A	RETAIL	SECURITY GRILLE	MOBILFLEX	IMPACT (S-128)	27'-1"	10'-8"	0'-1"	CLEAR ANODIZED	MT-1	HARDWARE SET C	LOCATED AT STOREFRONT. PAINT, PB. 3'-0" INSIDE GRILLE ENCLOSURE	GC	GC	1
9	REMOTE STORAGE	SINGLE SWING DOOR	STEELCRAFT	L SERIES, HOLLOW METAL, WHITE FINISH	3'-0"	7'-0"	0'-2"	P-1	P-1	HARDWARE SET A	DOOR PAINTED P-2 ON BOTH SIDES.	GC	GC	1
10	REMOTE STORAGE	BEVERAGE COOLER DOOR	BY MANUF.	BY MANUFACTURER	2'-6"	6'-6"	0'-0 1/2"	PER MANUFACTURER	PER MANUFACTURER	PER MANUFACTURER	INSTALL PER MFR. RECOMMENDATIONS	OWNER	GC	1
11	REMOTE STORAGE	BEVERAGE COOLER DOOR	BY MANUF.	BY MANUFACTURER	2'-6"	6'-6"	0'-0 1/2"	PER MANUFACTURER	PER MANUFACTURER	PER MANUFACTURER	INSTALL PER MFR. RECOMMENDATIONS	OWNER	GC	1

SET A
DOOR HARDWARE SET A - SINGLE SWING DOOR
1-1/2" PR. HINGES - B81168 4-1/2"x4-1/2" HAGAR
1 LOCKSET ND105 LEVER 07 - A SCHLAGE, COORDINATE
LOCKS STANDARDS WITH TCM-TC
OVERHEAD CLOSER - LCN 4041 MOUNT PULL/KITCHEN SIDE
3 SILENCERS, GLYN JOHNSTON
1 DOOR STOP, IVES W5401CV US15 (SATIN NICKEL)
2 HOP PLATES - IVES 8400 6"x35" 630, ONE EACH SIDE, SATIN
2 STAINLESS STEEL FINISH PUSH PLATES, ONE EACH SIDE

SET D
DOOR HARDWARE SET D - ROLLOK SHUTTER
37MM BLACK RS SLATS, TORSION SPRING, 2.125" BLACK GUIDE RAIL-RECESSED DRILLED, L02 BOTTOM SLAT LOCK W/BLACK FACEPLATE ALL KEYS ALIKE, H4 BLACK RECESS HANDLE, BSS1 BLACK BOTTOM SLAT STOPS ON SIDE B (AS SHOWN) BLACK 6.5"x6.5" HOUSING

SET B
DOOR HARDWARE SET B - FOLDING GRILLE POCKET DOOR
1 CONTINUOUS PIANO HINGE
1 RECESSED PULL RING - IVES 426 B
1 MAGNETIC LATCH - IVES 325 A

SET C
DOOR HARDWARE SET C - SECURITY GRILLE
• PROVIDE INTERMEDIATE POST PER MFR
• KEYED ACCESS EXTERIOR / TUMB TURN INTERIOR
• ONE SWING OUT EGRESS DOORS IN GRILLE.
(POLYCARBONATE PANELS) PROVIDES DP-1 DUST PROOF STRIKE AT POSTS
• FLUSH BOLT LOCATIONS
• PROVIDE NOTICE: GRILLE MUST BE OPEN DURING OPERATION



WATERPROOF MEMBRANE NOTE:
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WILMINGTON INTERNATIONAL AIRPORT
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WILMINGTON, NC, 28405
BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

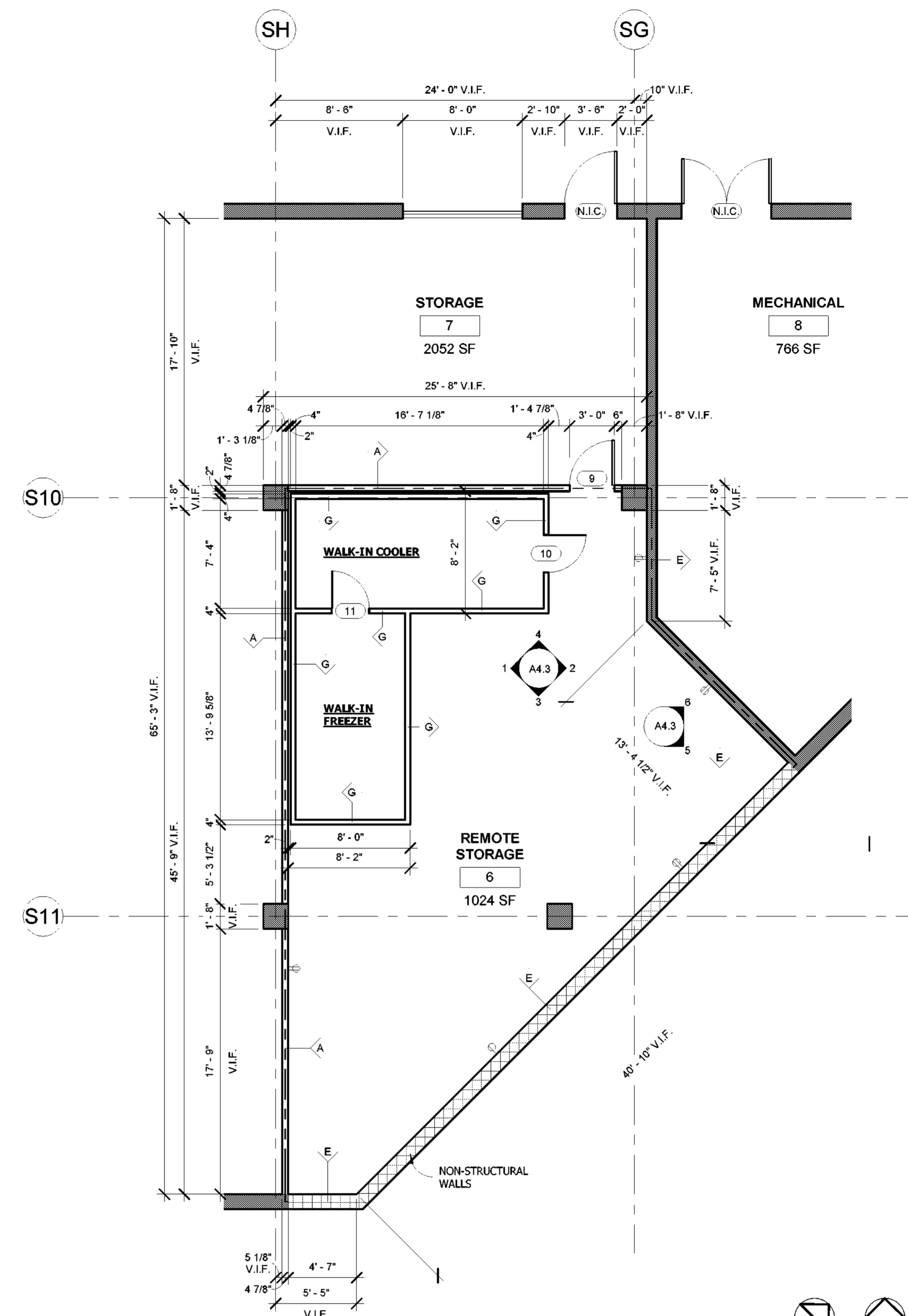
No.	Description	Date
1	80% SUBMITTAL	06/23/2023

REMOTE STORAGE CONSTRUCTION PLAN

Project number: 2023-019
Date: 03-29-2023
Drawn by: AR
Checked by: BW

A1.1

Scale: As indicated



1 REMOTE STORAGE CONSTRUCTION PLAN
3/16" = 1'-0"

WALL LEGEND

	EXISTING WALL
	NEW WALL
	LEASE LINE

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SPACE: A, B, AND C

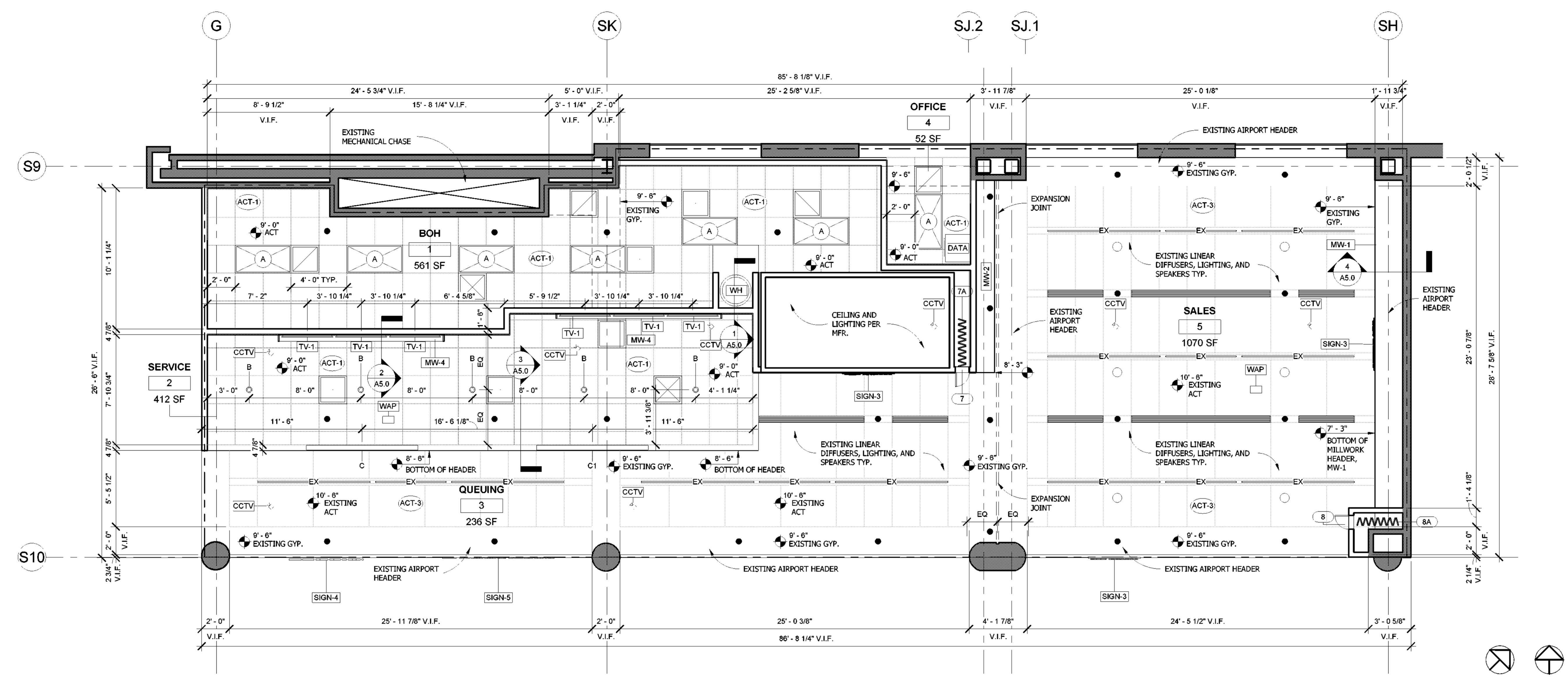
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REFLECTED CEILING PLAN

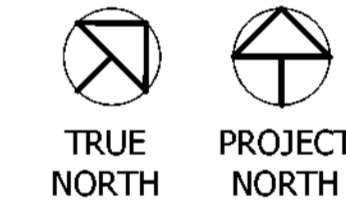
Project number	2023-019
Date	03-29-2023
Drawn by	AR
Checked by	BW

A2.0

Scale As indicated

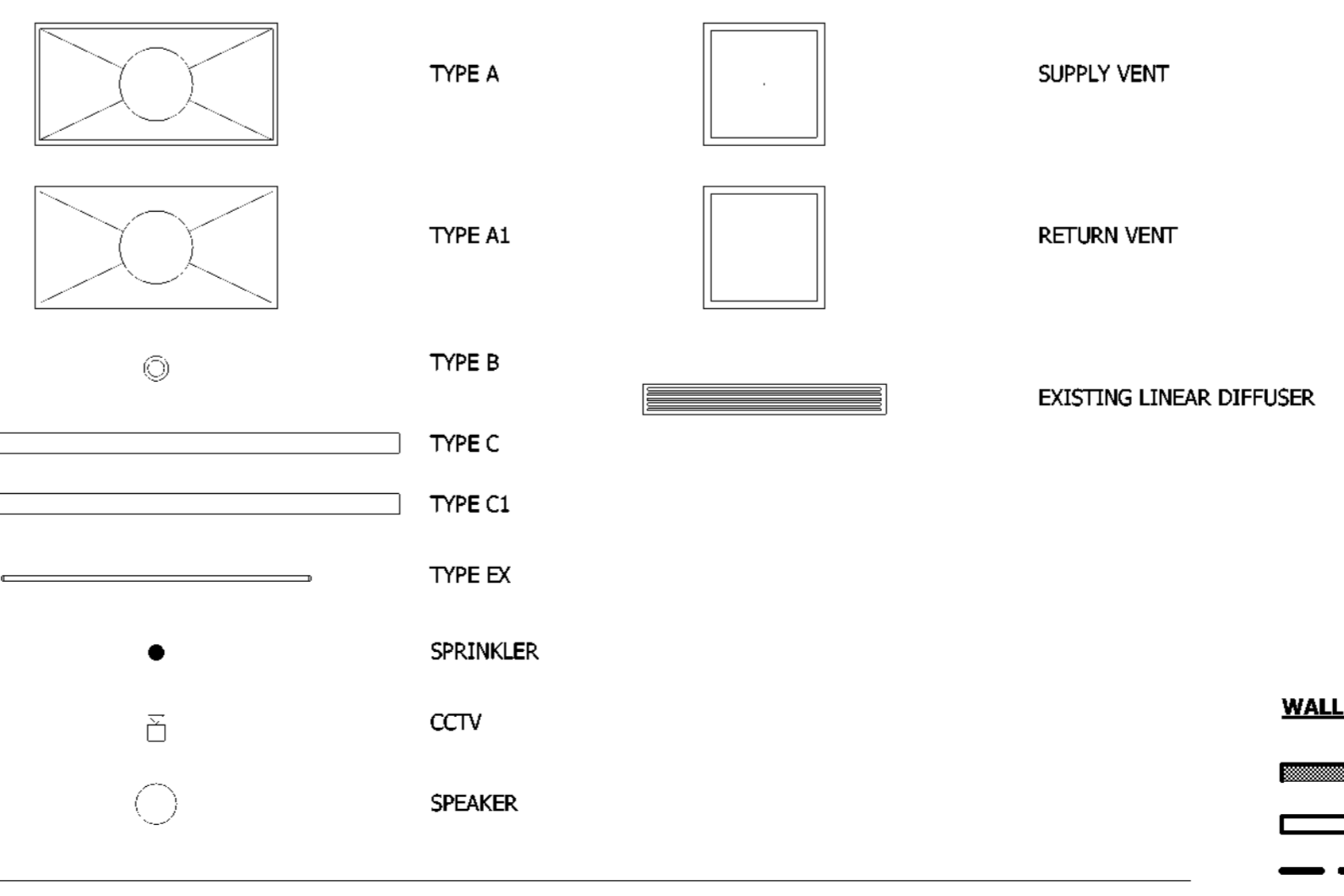


1 REFLECTED CEILING PLAN
1/4" = 1'-0"



LIGHTING FIXTURE SCHEDULE. NO SUBSTITUTIONS. USE SPECIFIED VENDORS.

Type	Description	Manufacturer	Model	Listing	Lamp	Wattage	Vendor	Comments	Furnished	Installed	Count
A	2X4 TROFFER	TCP	2X4 TROFFER, 39W, 3000K, COLOR: WHITE, TCP-DTF4U2D3930K	UL	LED	39W	LIGHTOLOGY, ASHLEY RUTTER, T: 312-229-7458, E: ARUTTER@LIGHTOLOGY.COM	TO BE USED AT BACK OF HOUSE	GC	GC	7
A1	2X4 SUSPENDED TROFFER	GREEN CREATIVE	3000K, SUSPENDED LIGHT, ORDER WITH SUSPCABLE24 ACCESSORY	ETL	LED	38W	LIGHTOLOGY, ASHLEY RUTTER, T: 312-229-7458, E: ARUTTER@LIGHTOLOGY.COM	TO BE USED AT REMOTE STORAGE	GC	GC	10
B	RECESSED DOWNLIGHT	NORA LIGHTING	NIO-4RND0-30X (3000K)-WW WHITE/WHITE / 10 / 14W, NEW CONSTRUCTION	UL	LED	14W	LIGHTOLOGY, ASHLEY RUTTER, T: 312-229-7458, E: ARUTTER@LIGHTOLOGY.COM	TO BE USED AT SERVICE AREA	GC	GC	5
C	DUNKIN' ORANGE LIGHT BAR	PINNACLE ARCHITECTURAL LIGHTING	EDGE EX3, 3" SUSPENDED DIRECT LINEAR 96" LENGTH, 80 CRI 830 HE, 3000K, FINISH: RAL 2003	UL	LED	37W	LIGHTOLOGY, ASHLEY RUTTER, T: 312-229-7458, E: ARUTTER@LIGHTOLOGY.COM	LOCATED AT SERVICE FRONT COUNTER	GC	GC	1
C1	JIMMY JOHN'S GREY LIGHT BAR	PINNACLE ARCHITECTURAL LIGHTING	EDGE EX3, 3" SUSPENDED DIRECT LINEAR 96" LENGTH, 80 CRI 830 HE, 3000K, FINISH: RAL 9004	UL	LED	37W	LIGHTOLOGY, ASHLEY RUTTER, T: 312-229-7458, E: ARUTTER@LIGHTOLOGY.COM	LOCATED AT SERVICE FRONT COUNTER	GC	GC	1
EX	LINEAR LIGHT	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING LINEAR LIGHT	EXISTING	EXISTING	24



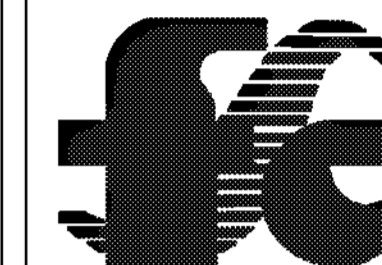
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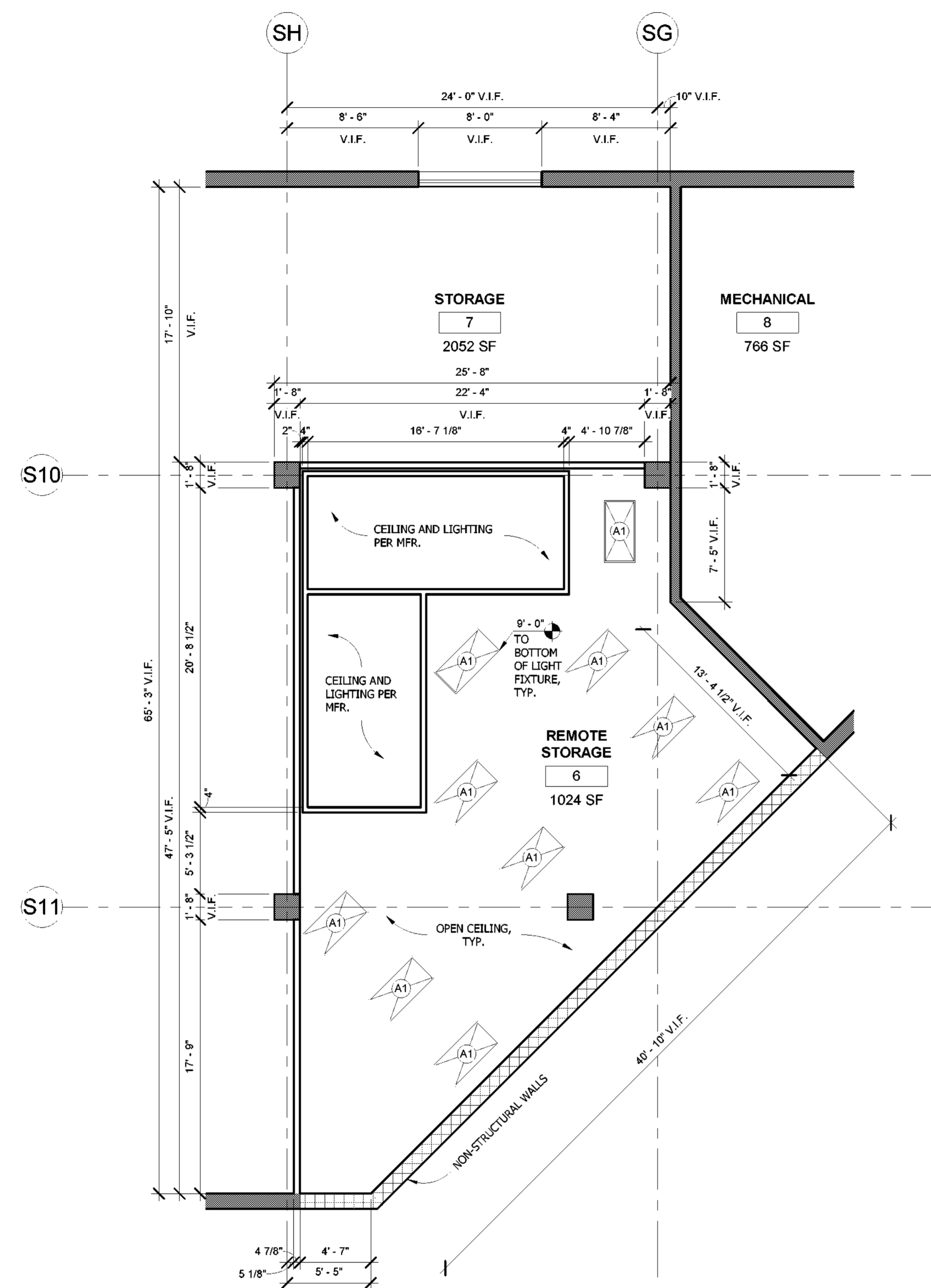
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**REMOTE STORAGE
RCP AND FFE PLANS**

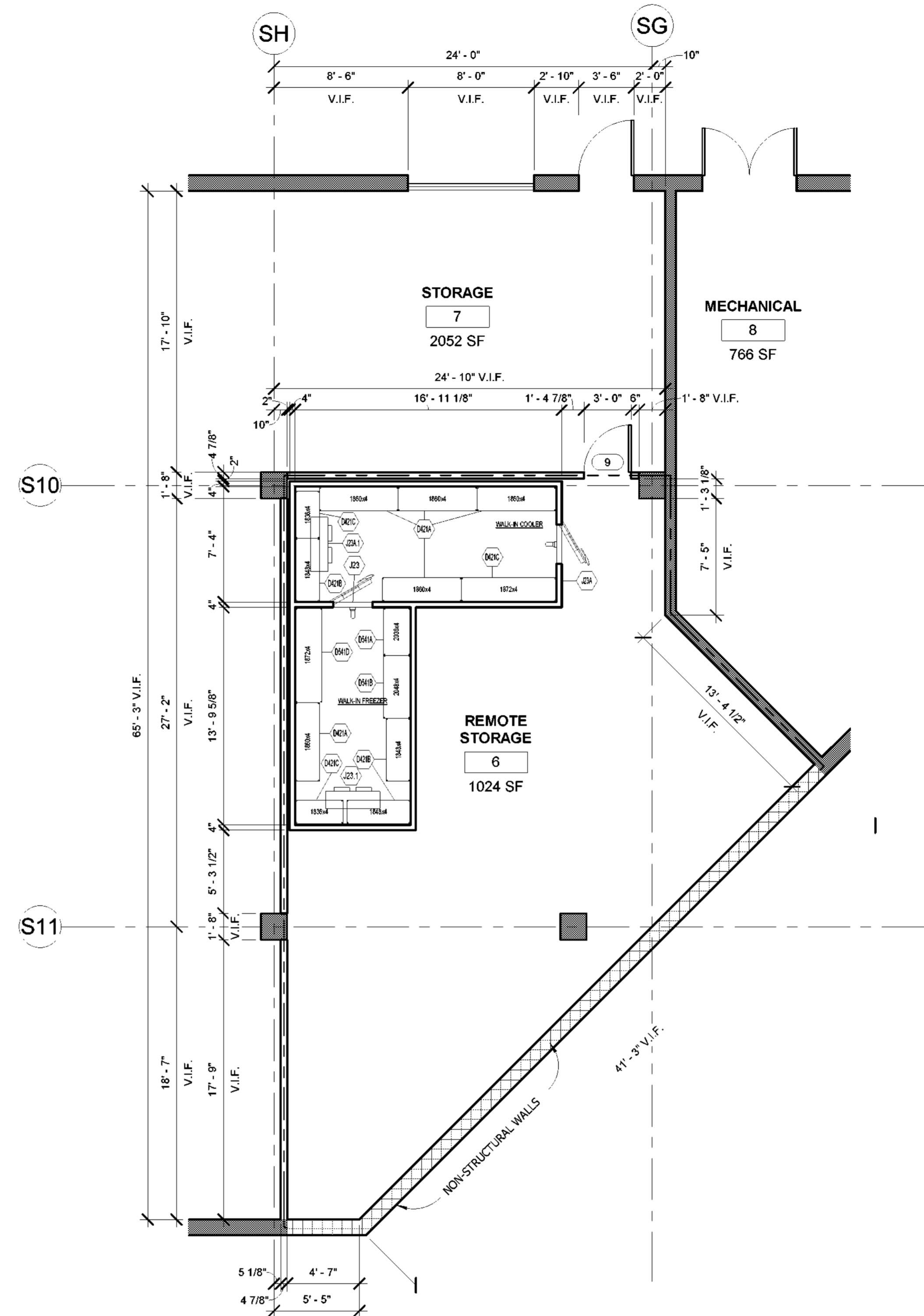
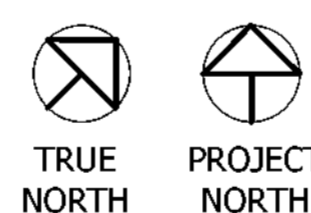
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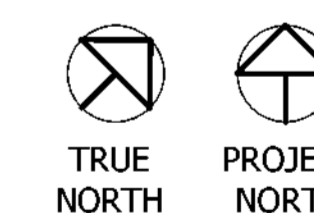
Scale As indicated



2 REMOTE STORAGE REFLECTED
CEILING PLAN
3/16" = 1'-0"



1 REMOTE STORAGE FF&E PLAN
3/16" = 1'-0"



WALL LEGEND

	EXISTING WALL
	NEW WALL
	LEASE LINE

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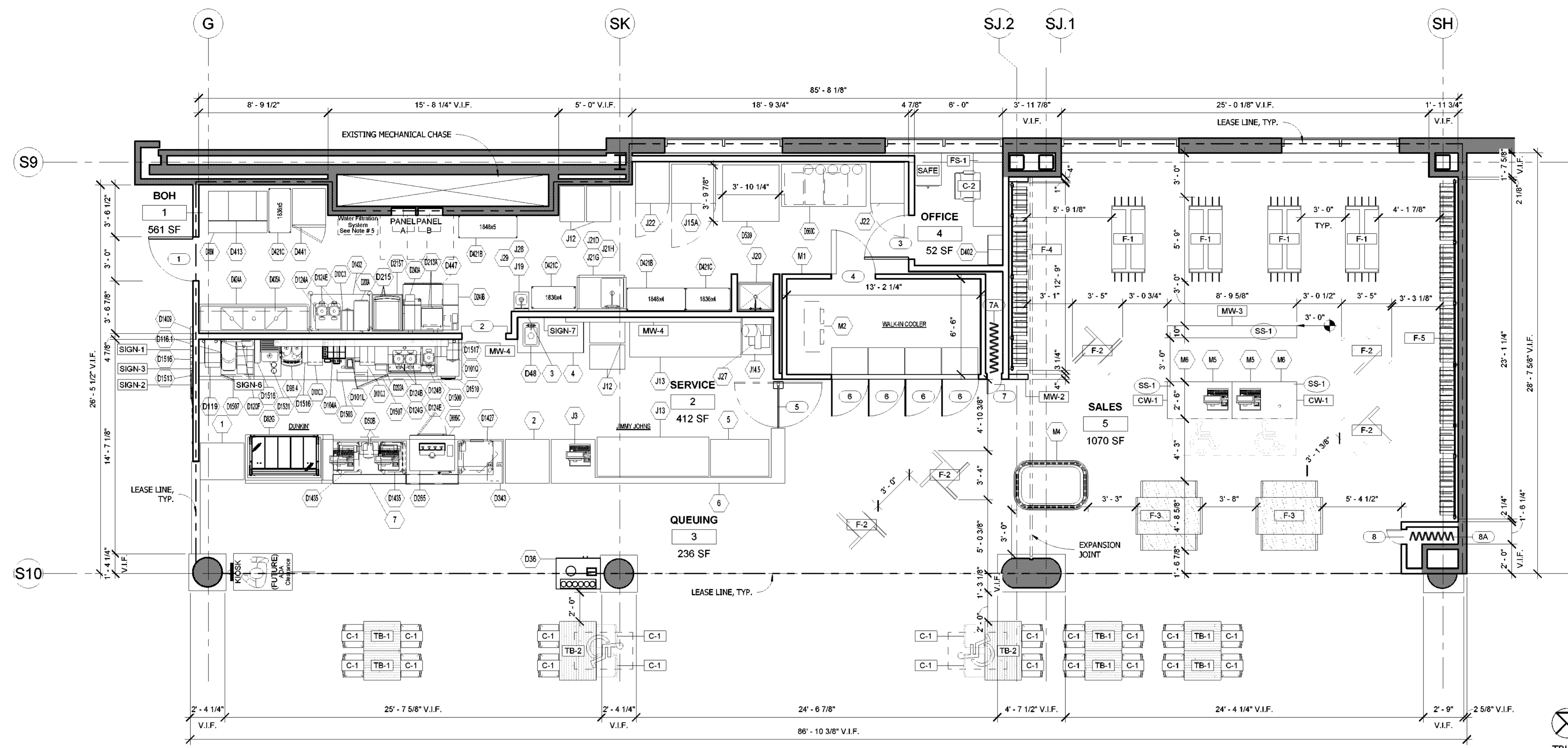
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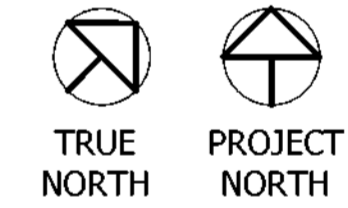
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1 FF&E PLAN
1/4" = 1'-0"



FIXTURE AND MILLWORK SCHEDULE							
Type	Description	Manufacturer	Model	Comments	Furnished	Installed	Count
CW-1	POS STATION	OPTO	CW2-S0-LWF, CLASSIC COUNTERS W/ MEGAWALL CENTER PANELS, 4'-5"X2'-5"X2'11" H. STANDARD HEIGHT W/ QUARTZ TOP. 96-102476 BLACK GROMMET, 2 3/8" DIA.	LOCATED IN SALES AREA	OWNER	GC	2
F-1	RETAIL FLOOR FIXTURES	OPTO	C-B6008-G1 EDGE 1-MODULE GONDOLA W/ MEGAWALL PANELS, ACC. BASE AND LEVELERS, 2'-6"X2'-3"XW4'-7" H	LOCATED IN SALES AREA	OWNER	GC	4
F-2	RETAIL FLOOR FIXTURES	OPTO	C-B5189-4W EDGE LOW 4-WAY W/ MEGAWALL PANELS, ACC. BASE & LEVELERS 3'8"X3'8"XW4'7" H	LOCATED IN SALES AREA	OWNER	GC	5
F-3	RETAIL NESTING TABLE	OPTO	OPTO C1 EDGE NESTING TABLE, 4'-8" X 4'-8"	LOCATED IN SALES AREA	OWNER	GC	2
F-4	RETAIL WALL DISPLAY	OPTO	ESQ-84-XXX EDGE WALL-MOUNT POST, SQUARE 85", 3"W X 7'1" H. 13-B225X1 BACK PANEL FOR CLASSIC/EDGE POST WALL, 22"W X 72"H, FOR 7'-1" H POSTS.	LOCATED IN SALES AREA	OWNER	GC	2
F-5	RETAIL WALL DISPLAY	OPTO	ESQ-84-XXX EDGE WALL-MOUNT POST, SQUARE 85", 3"W X 7'1" H. 13-B225X1 BACK PANEL FOR CLASSIC/EDGE POST WALL, 22"W X 72"H, FOR 7'-1" H POSTS.	LOCATED IN SALES AREA	OWNER	GC	7
MW-1	MILLWORK BUILD-OUT	CUSTOM	CUSTOM	LOCATED IN SALES AREA. REFER TO ELEVATIONS AND DETAILS.	GC	GC	1
MW-2	MILLWORK BUILD-OUT	CUSTOM	CUSTOM	LOCATED IN SALES AREA. REFER TO ELEVATIONS AND DETAILS.	GC	GC	1
MW-3	LOW RETAIL WALL FIXTURE	CUSTOM	CUSTOM	LOCATED IN SALES AREA. REFER TO ELEVATIONS AND DETAILS.	GC	GC	1
MW-4	DIGITAL MENU BOARD SHROUDS	CUSTOM	CUSTOM BY GC	LOCATED IN SALES AREA. REFER TO ELEVATIONS AND DETAILS.	GC	GC	2

EQUIPMENT SCHEDULE							
Type	Description	Manufacturer	Model	Comments	Furnished	Installed	Count
D402	LOCKERS	CUSTOM	SEE KEC DRAWINGS	LOCATED AT OFFICE	OWNER	OWNER	2
J20	MOP SINK	CUSTOM	SEE KEC DRAWINGS	LOCATED AT BACK OF HOUSE	GC	GC	1
SAFE	COLLECTION SAFE	CUSTOM	CUSTOM	LOCATED AT OFFICE	OWNER	OWNER	1

FURNITURE SCHEDULE								
Mark	Description	Manufacturer	Model	Comments	Vendor	Furnished	Installed	Count
C-1	DINING CHAIR	CONTRACT FURNITURE	PESARO DINING CHAIR WITH DOUGLASS SYMPHONY CLASSIC COLLECTION, REEF SCL-111	LOCATED IN CONCOURSE SEATING AREA	CONTRACT FURNITURE, GEORGE AGCAOLLI, P:(310) 544-2382, E: GEORGE@CONTRACTFURNITURE.COM	OWNER	GC	20
C-2	OFFICE CHAIR	CUSTOM	CUSTOM, OWNER FURNISHED.	LOCATED IN OFFICE	CUSTOM	OWNER	OWNER	1
FS-1	DESK	CUSTOM	CUSTOM, OWNER FURNISHED.	LOCATED IN OFFICE	CUSTOM	OWNER	OWNER	1
TB-1	24X30 DINING TABLE	CONTRACT FURNITURE	24"X30" ANTIQUE ASH TABLE TOP WITH LIGHT FLAME FINISH, EASED EDGES AND CORNERS, 17" ROUND TABLE BASE, 28" OVERALL HEIGHT, FINISH: BLACK	LOCATED IN CONCOURSE SEATING AREA	CONTRACT FURNITURE, GEORGE AGCAOLLI, P:(310) 544-2382, E: GEORGE@CONTRACTFURNITURE.COM	OWNER	GC	8
TB-2	30X48 ADA DINING TABLE	CONTRACT FURNITURE	30"X48 ANTIQUE ASH TABLE TOP WITH LIGHT FLAME FINISH, EASED EDGES AND CORNERS, 2900 SERIES CROSS BASE, 28" OVERALL HEIGHT, FINISH: BLACK	LOCATED IN CONCOURSE SEATING AREA	CONTRACT FURNITURE, GEORGE AGCAOLLI, P:(310) 544-2382, E: GEORGE@CONTRACTFURNITURE.COM	OWNER	GC	2

MISCELLANEOUS EQUIPMENT SCHEDULE							
Type	Description	Manufacturer	Model	Comments	Furnished	Installed	Count
CCTV	SECURITY CAMERA	UNIVIEW TEC	IPVLP428 / COLOR: WHITE	GC TO PROVIDE CAT6 TO CAMERA LOCATIONS. OWNER HAS PROVIDED CAT 6 ON SITE. OWNER WILL PROVIDE AND INSTALL CAMERA DEVICE.	GC	GC	8
DATA	DATA CABINET	TRIPP LITE	12U WALL MOUNT SERVER RACK CABINET	LOCATED IN ELECTRICAL	OWNER	GC	1
PANEL A	ELECTRICAL PANEL	TBD	SEE MEP DRAWINGS	SEE ELECTRICAL DRAWINGS	GC	GC	1
PANEL B	ELECTRICAL PANEL	TBD	SEE MEP DRAWINGS	SEE ELECTRICAL DRAWINGS	GC	GC	1
POS	POINT OF SALE	TBD	BY OWNER	GC TO PROVIDE ALL LOW VOLTAGE & DATA LINES & LEAVE WHIPS	OWNER	GC	2
SOX	SELF ORDERING KIOSK	ACRELEC	K27	GC TO PROVIDE ALL LOW VOLTAGE & DATA LINES & LEAVE WHIPS	OWNER	GC	1
TV-1	DIGITAL TV SCREEN	SAMSUNG	SAMSUNG SMART SIGNAGE, QM49H, OR SIMILAR	LOCATED AT SERVICE AREA	OWNER	GC	6
WAP	WIRELESS ACCESS POINT	CISCO	MERAKI/MR42	LOCATED AT SERVICE AREAS	OWNER	GC	2
WH	WATER HEATER	TBD	SEE MEP DRAWINGS	BOH, ABOVE MOP SINK	OWNER	GC	1

WALL LEGEND:

- EXISTING WALL
- NEW WALL
- LEASE LINE

WATERPROOF MEMBRANE NOTE:
GC TO PROVIDE CONTINUOUS WATERPROOF MEMBRANE IN WET AREAS AND WRAP 6" UP WALLS.

DIMENSIONS NOTE:
VERIFY DIMENSIONS OF ALL EXISTING ITEMS IN FIELD. INFORM DESIGNER OF ANY DISCREPANCIES OBSERVED.

GENERAL NOTE:
1) GC TO VERIFY ALL FIELD DIMENSIONS AND CONTACT PROJECT ARCHITECT WITH ANY SITE DISCREPANCIES.
2) FIRE RATED WOOD IS REQUIRED FOR ALL BLOCKING.

IMPORTANT BID NOTE:
REFER TO ARCHITECTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL NOTES, SPECIFICATIONS, DETAILS, CONTROLS, ETC. THAT FORM A PART OF THIS CONTRACT. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND CLARIFIED BY THEM FOR INCLUSION IN BASE BID. THE REQUIREMENT WILL BE STRICTLY ENFORCED. NO CHANGE ORDERS WILL BE ALLOWED SHOULD THE CONTRACTOR FAIL TO PERFORM THIS FUNCTION.

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No.	Description	Date
1	80% SUBMITTAL	06/23/2023

WILMINGTON INTERNATIONAL AIRPORT
1740 AIRPORT BLVD,
WILMINGTON, NC, 28405
BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

FF&E PLAN

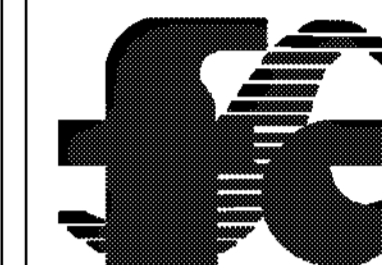
Project number: 2023-019
Date: 03-29-2023
Drawn by: AR
Checked by: BW

A3.0

Scale: 1/4" = 1'-0"



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WILMINGTON INTERNATIONAL AIRPORT
1740 AIRPORT BLVD.
WILMINGTON, NC, 28405
BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	60% SUBMITTAL	06/23/2023

SCHEDULES

Project number	2023-019
Date	03-29-2023
Drawn by	AR
Checked by	BW

A3.0.1

Scale

FINISH SCHEDULE. NO SUBSTITUTIONS. USE SPECIFIED VENDORS.

Mark	Description	Manufacturer	Model	Comments	Vendor / Contact	Supplied By	Installed By
ACT-1	ACOUSTIC CEILING TILE 24"x24", WHITE	ARMSTRONG	CLEAN ROOM VL #868, 24"x24" PANELS, COLOR: WHITE, 15/16" PRELUDE XL SUSPENSION GRID COLOR: WHITE, CLASS A	RETAIL AREA CEILING.	MADELINE UNDERWOOD / T: 312-405-9871 / E: MPUNDERWOOD@ARMSTRONGCEILINGS.COM	GC	GC
B-1	QUARRY TILE COVE BASE	DALTILE	Q3565 QUETREAD, GRAY COVE BASE 5"x6", FINISH: MATTE, GROUT: MAPEI, #11 SAHARA BEIGE 1/4"	TO BE USED IN BACK OF HOUSE AREA(S)	COLLEEN MORAN / T: 773-308-3769 / E: COLLEEN.MORAN@DAL TILE.COM	GC	GC
B-2	RUBBER WALL BASE	TARKETT	JOHNSONITE TRADITIONAL VINYL 1/8" (TYPE TV), FINISH: #30 INK	TO BE USED IN MILLWORK BUILDOUTS IN SALES AREA	COLLEEN MORAN / T: 773-308-3769 / E: COLLEEN.MORAN@DAL TILE.COM	GC	GC
FB-1	FABRIC	DOUGLASS FABRICS	SYMPHONY CLASSIC COLLECTION, REEF SCL-111	CHAIR SEAT FABRIC	CONTRACT FURNITURE, GEORGE AGCAOILI / P:(310) 544-2382 / E: GEORGE@CONTRACTFURNITURE.COM	GC	GC
FRP	FIBERGLASS REINFORCEMENT PANEL	MARLITE	PEBBLED SURFACE P 199 BRIGHT WHITE, CLASS A	TO BE USED IN BACK OF HOUSE AREA(S)	KAREN KANE / E: KKANE@MARLITE.COM	GC	GC
LVT-1	LUXURY VINYL TILE	TRUCOR	CHAR OAK P2238-M9101. TONGUE AND GROOVE, 7.09"x72.05"x8.0mm.	LOCATED THROUGHOUT QUEUING AND SALES AREAS	CASANDRA BALLENGER-WILLIAMS / THE DIXIE GROUP / T: 224-217-7363 / E: CASANDRA.WILLIAMS@DIXIEGROUP.COM	GC	GC
LVT-2	LUXURY VINYL TILE	TRUCOR	ASHFORD OAK P2238-M9103. TONGUE AND GROOVE, 7.09"x72.05"x8.0mm.	LOCATED THROUGHOUT QUEUING AND SALES AREAS	CASANDRA BALLENGER-WILLIAMS / THE DIXIE GROUP / T: 224-217-7363 / E: CASANDRA.WILLIAMS@DIXIEGROUP.COM	GC	GC
MT-1	STAINLESS STEEL	CUSTOM	STAINLESS STEEL 20 GAUGE	CUSTOM BY GC	CUSTOM BY GC	GC	GC
P-1	PAINT	BENJAMIN MOORE	SEACLIFF HEIGHTS 688	LOCATED THROUGHOUT SALES AREA	BENJAMINMOORE.COM	GC	GC
P-2	PAINT	BENJAMIN MOORE	CHANTILLY LACE, OC-65	LOCATED AT SERVICE AND OFFICE AREA	BENJAMINMOORE.COM	GC	GC
P-3	PAINT	BENJAMIN MOORE	POLO BLUE, 2062-10	TO BE USED BEHIND RETAIL WALL FIXTURES	BENJAMINMOORE.COM	GC	GC
P-4	PAINT	SHERWIN WILLIAMS	KNOCKOUT ORANGE	TO BE USED AT DUNKIN' MENU BOARD SHROUD	SHERWIN WILLIAMS	GC	GC
P-5	PAINT	SHERWIN WILLIAMS	SHERWIN WILLIAMS TRICORN BLACK	TO BE USED AT JIMMY JOHN'S MENU BOARD SHROUD	SHERWIN WILLIAMS	GC	GC
PL-1	PLASTIC LAMINATE	WILSONART	BRIGHT ASH Y0521K-16, CASUAL RUSTIC FINISH	OPTO FIXTURES	ROMANA MILLS / T: 614-477-4932 / E: ROMANA.MILLS@WILSONART.COM	GC	GC
PL-2	PLASTIC LAMINATE	WILSONART	CERAMIC BLUE Y0745K-22, ANTIQUE FINISH	LOCATED IN SALES AREA	ROMANA MILLS / T: 614-477-4932 / E: ROMANA.MILLS@WILSONART.COM	GC	GC
PL-3	PLASTIC LAMINATE	FORMICA	05887-26 MILLENNIUM OAK, OILED WOOD TEXTURE	LOCATED THROUGHOUT QUEUING AND SALES AREAS	MARY COTEY / T: 224-422-4523 / E: MARYCOTEY@METROHARDWOODS.COM	GC	GC
SS-1	SOLID SURFACE	WILSONART	CARRARA EMPORIO 9909SS	LOCATED IN SALES AREA; OPTO CASHWRAP FIXTURES	ROMANA MILLS / T: 614-477-4932 / E: ROMANA.MILLS@WILSONART.COM	GC	GC
SS-2	SOLID SURFACE	CORIAN	EVENING PRIMA	LOCATED IN SALES AREA; MILLWORK.	AUDRA MIKA / T: 224-407-0034 / E: AMIKA@PARKSITE.COM	GC	GC
SS-3	SOLID SURFACE	LG HI-MACS	CANTON, POLISHED	TO BE USED ON DUNKIN' COUNTER	MINDY SINZHEIMER / E: MSINZHEIMER@LXHAUSYS.COM	GC	GC
ST-1	QUARTZ	CAESARSTONE	3100 JET BLACK	TO BE USED ON JIMMY JOHN'S COUNTER	NICK BELLING / T: 630-634-0368 / E: NICK.BELLING@CAESARSTONEUS.COM	GC	GC
T-1	WALL TILE	TILEBAR	ICE BRIGHT GLOSS, 3"x6", FINISH: WHITE, GROUT: MAPEI #38 AVALANCHE, 1/16"	LOCATED IN SERVICE AREA	ALEXARAE ANTEKEIER / T: 773-308-3769 / E: AANTEKEIR@TILEBAR.COM	GC	GC
T-2	QUARRY TILE	DALTILE	0Q92 (2) QUETREAD, GRAY SQUARE 6"x6", FINISH: MATTE, GROUT: MAPEI, #11 SAHARA BEIGE 1/4"	TO BE USED IN BACK OF HOUSE AREA(S)	COLLEEN MORAN / T: 773-308-3769 / E: COLLEEN.MORAN@DAL TILE.COM	GC	GC
WC-1	WALL COVERING	MDC INTERIOR SOLUTIONS	HELIOS WICKER ENV1098	TO BE USED ON HEADER IN SERVICE AREA	CONNOR CESARETTI / T: 800-621-4006 / E: CCESARETTI@MDCWALL.COM	GC	GC
WC-2	WALL COVERING	KOROSEAL	SILK MIRAGE PHANTOM 2522-70	TO BE USED ON SIGNAGE WALL ON CONCOURSE	CELINE EHLERS / T: 312-420-1242 / E: CEHLERS@KOROSEAL.COM	GC	GC

JIMMY JOHNS EQUIPMENT SCHEDULE

Item No	Equipment Category
J3	POS SYSTEM (BY OTHERS)
J12	BREAD RACK
J13	REFRIGERATED PREP TABLE
J14.5	WORK TABLE
J15A	OVEN/BREAD PROOFER
J19	HAND SINK
J20	MOP SINK
J21D	PREP SINK
J21G	PRE-RINSE FAUCET
J21H	FAUCET
J22	REACH-IN REFRIGERATOR
J23	WALK-IN FREEZER
J23.1	FREEZER EVAPORATOR COIL
J23.2	FREEZER CONDENSING UNIT
J23A	WALK-IN COOLER
J23A.1	COOLER EVAPORATOR COIL
J23A.2	COOLER CONDENSING UNIT
J27	SLICER
J28	TOWEL DISPENSER
J29	SOAP DISPENSER

THE MARKET EQUIPMENT SCHEDULE

Item No	Equipment Category	Supplied By	Installed By
M1	WALK-IN BEVERAGE COOLER	OWNER	GC
M2	COOLER EVAPORATOR COIL	OWNER	GC
M3	COOLER CONDENSING UNIT	OWNER	GC
M4	REFRIGERATED DISPLAY ISLAND CASE	OWNER	GC
M5	POS SYSTEM (BY OTHERS)	OWNER	GC
M6	MILLWORK COUNTER (BY OTHERS)	OWNER	GC

EQUIPMENT SCHEDULE

Item No	Equipment Category	Supplied By	Installed By
1	PEPSI GRAB-N-GO (BY OTHERS)	OWNER	GC
2	COKE GRAB-N-GO (BY OTHERS)	OWNER	GC
3	SOAP & PAPER TOWEL DISPENSER (BY OTHERS)	OWNER	GC
4	S/S TABLE	OWNER	GC
5	S/S TABLE	OWNER	GC
6	MILLWORK COUNTER (BY OTHERS)	OWNER	GC
7	MILLWORK COUNTER (BY OTHERS)	OWNER	GC

ROOM FINISH SCHEDULE

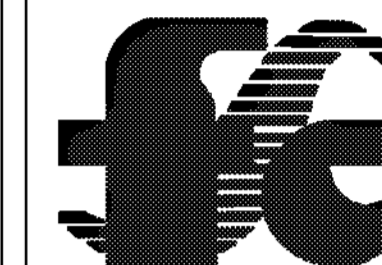
Room Name	Area	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Ceiling Height	Comments
1 BOH	561 SF	T-3	B-1	FRP, MT-1	ACT-2	9'-0"	
2 SERVICE	412 SF	T-3	B-1	FRP, T-1, SS-3, ST-1, PL-3, P-2	ACT-2	9'-0"	
3 QUEUING	236 SF	LVT-1, LVT-2	MT-1	T-1	EXISTING	10'-6"	
4 OFFICE	52 SF	LVT-1, LVT-2	MT-1	P-2	ACT-2	9'-6"	
5 SALES	1070 SF	LVT-1, LVT-2	MT-1, B-2	P-1, P-3, PL-2, GR-1, GR-2, SS-1	EXISTING	10'-6"	
6 REMOTE STORAGE	1024 SF	T-3	B-1	FRP	N/A	N/A	

WATERPROOF MEMBRANE NOTE:
GC TO PROVIDE CONTINUOUS WATERPROOF MEMBRANE IN WET AREAS AND WRAP 6" UP WALLS.

DIMENSIONS NOTE:
VERIFY DIMENSIONS OF ALL EXISTING ITEMS IN FIELD. INFORM DESIGNER OF ANY DISCREPANCIES OBSERVED.

GENERAL NOTE:
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IMPORTANT BID NOTE:
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WILMINGTON, NC, 28405
BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

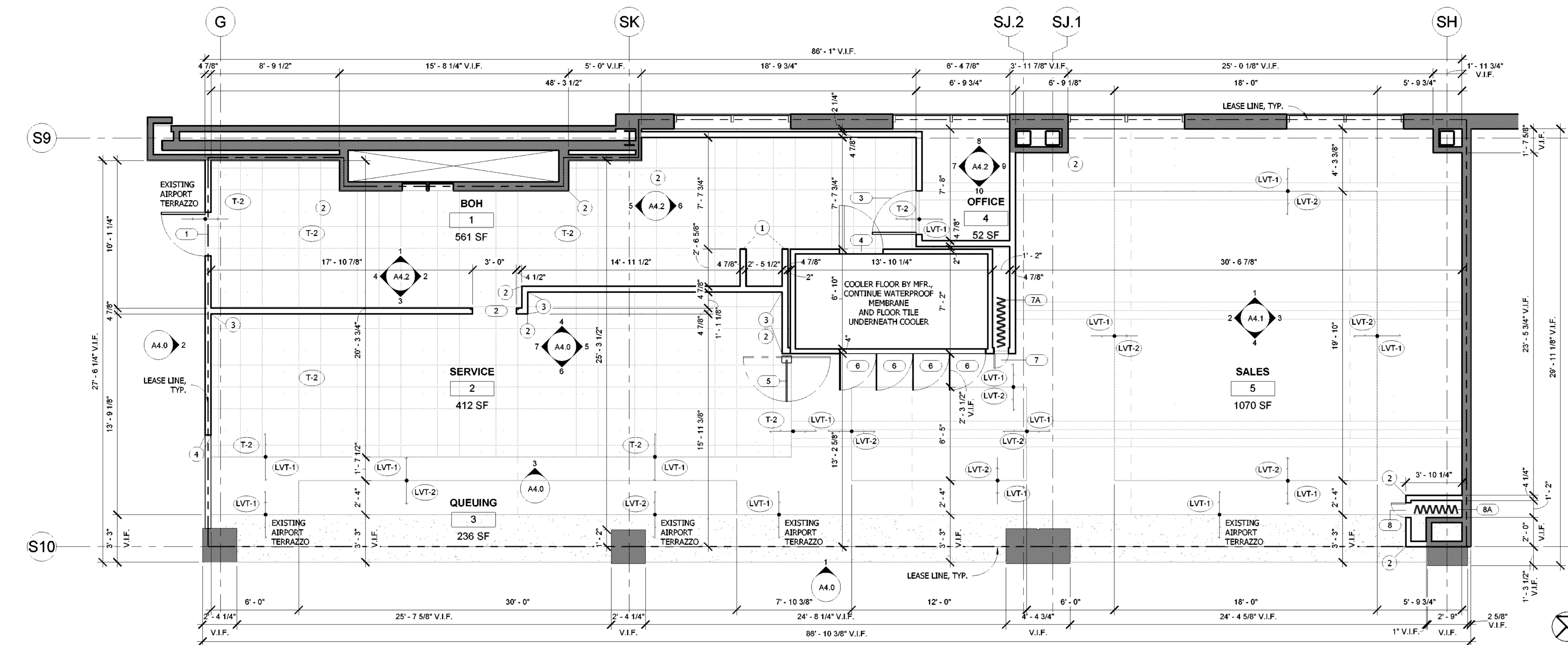
No.	Description	Date
1	80% SUBMITTAL	06/23/2023

FLOOR FINISH PLAN
AND SCHEDULE

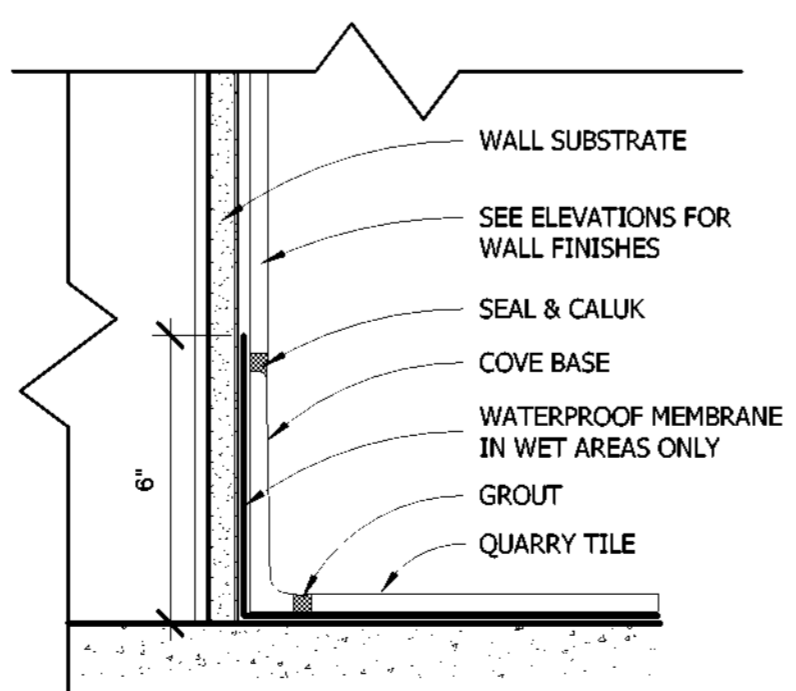
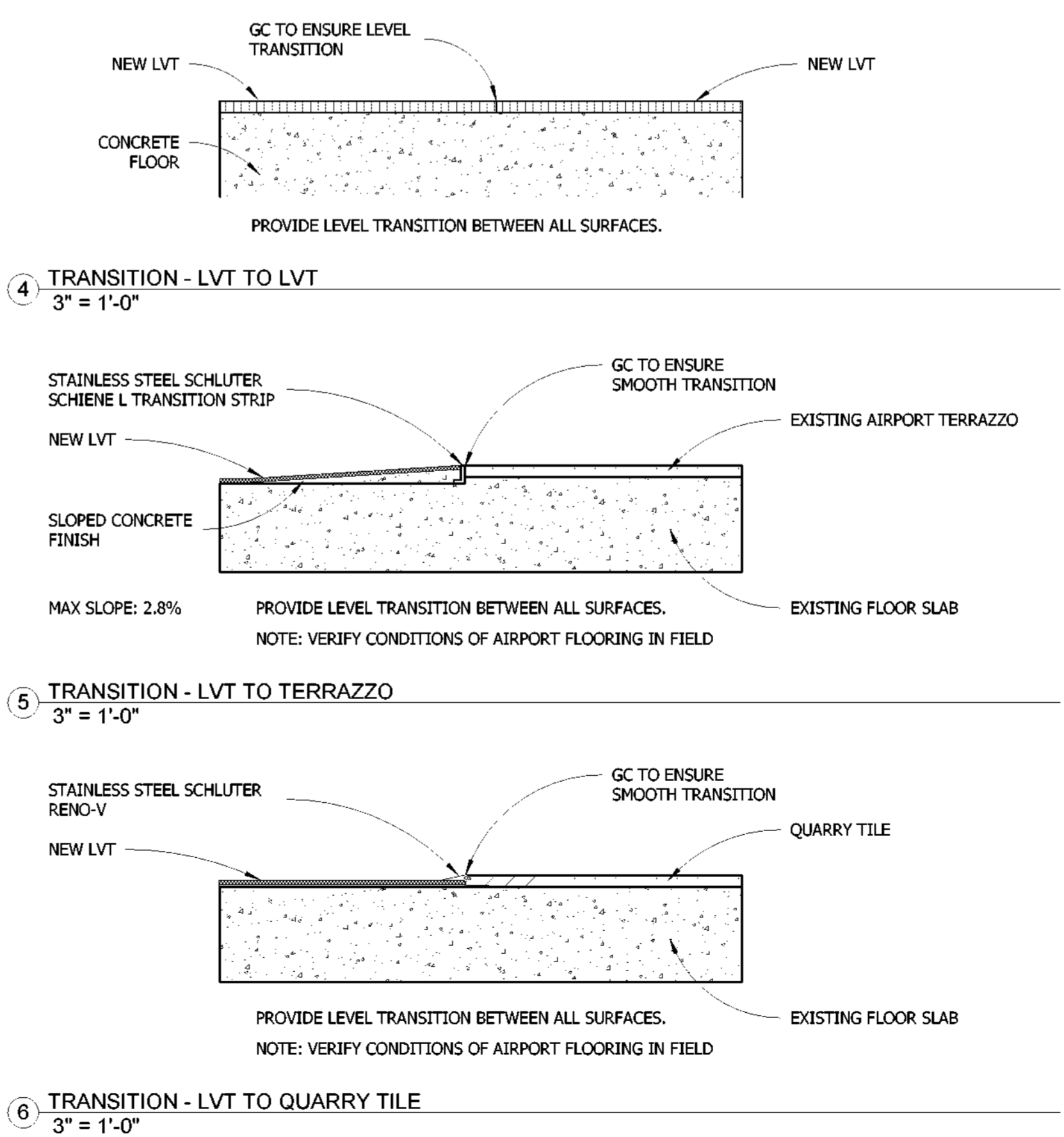
Project number	2023-019
Date	03-29-2023
Drawn by	AR
Checked by	BW

A3.1

Scale As indicated



1 FLOOR FINISH PLAN
1/4" = 1'-0"



WALL LEGEND

CORNER GUARD INFO

1. STAINLESS STEEL CHANNEL WITH 1" RETURNS AT WALL ENDS.
2. 1 1/2" x 1 1/2" CORNER GUARD @ 48" AFF, STAINLESS STEEL FINISH.
3. SCHLUTER JOLLY STRIP, STAINLESS STEEL FINISH.
4. 1/2" x 1/2" CORNER GUARD, STAINLESS STEEL FINISH.

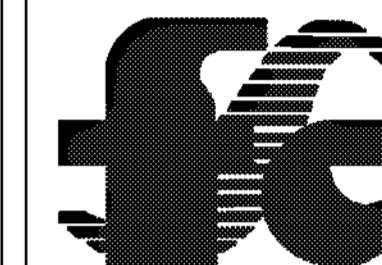
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BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

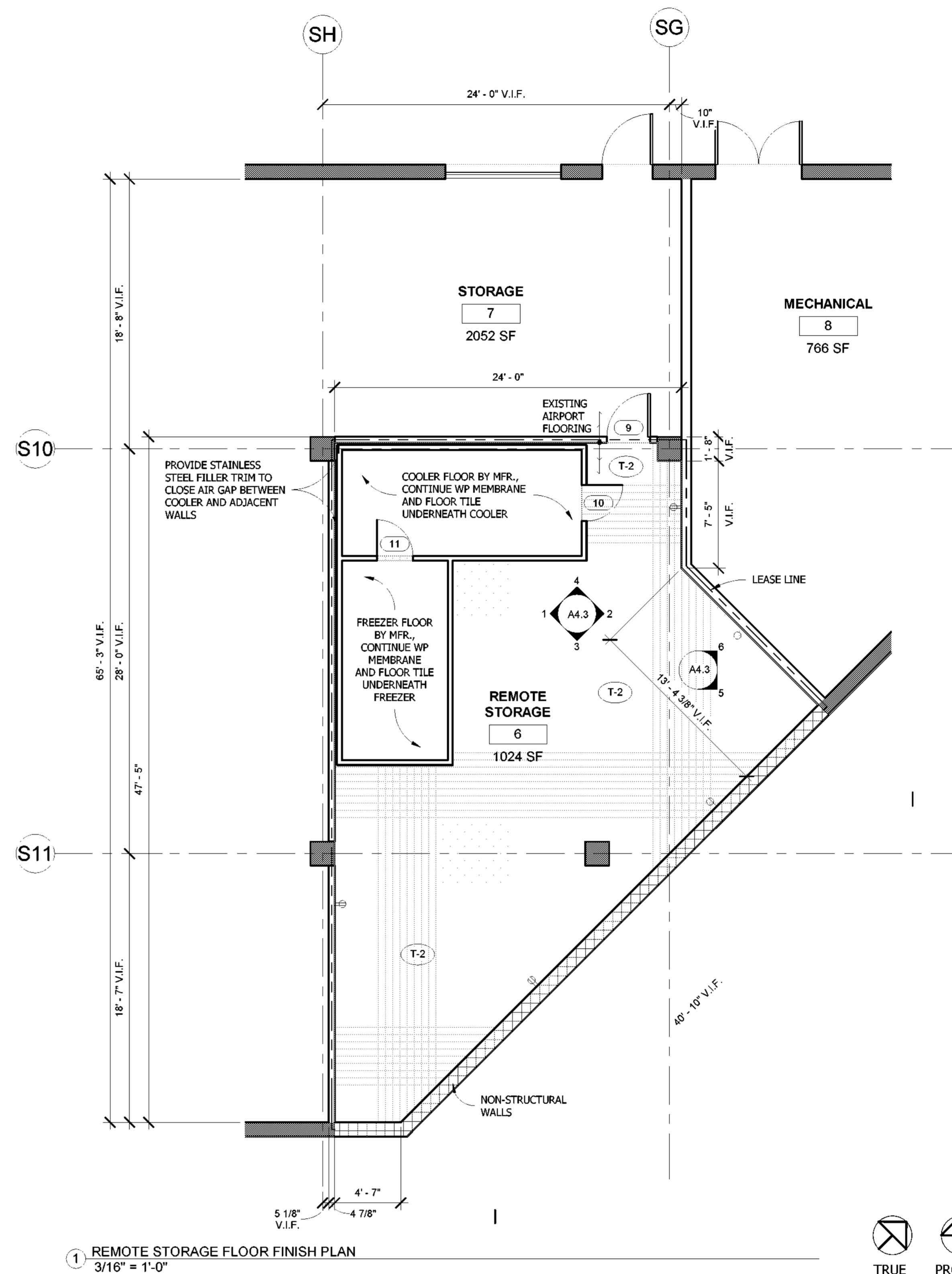
No.	Description	Date
1	80% SUBMITTAL	06/23/2023

REMOTE STORAGE FLOOR FINISH PLAN

Project number 2023-019
Date 03-29-2023
Drawn by AR
Checked by BW

A3.1.1

Scale As indicated



- # CORNER GUARD INFO**
1. STAINLESS STEEL CHANNEL WITH 1" RETURNS AT WALL ENDS.
 2. 1 1/2" x 1 1/2" CORNER GUARD @ 36" AFF, COLOR TO MATCH MT-1
 3. SCHLUTER JOLLY STRIP, STAINLESS STEEL FINISH.

WALL LEGEND

EXISTING WALL
NEW WALL
LEASE LINE

WATERPROOF MEMBRANE NOTE:
GC TO PROVIDE CONTINUOUS WATERPROOF MEMBRANE IN WET AREAS AND WRAP 6" UP WALLS.

DIMENSIONS NOTE:
VERIFY DIMENSIONS OF ALL EXISTING ITEMS IN FIELD. INFORM DESIGNER OF ANY DISCREPANCIES OBSERVED.

GENERAL NOTE:
1) GC TO VERIFY ALL FIELD DIMENSIONS AND CONTACT PROJECT ARCHITECT WITH ANY SITE DISCREPANCIES.
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DESIGNER:
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WILMINGTON INTERNATIONAL AIRPORT
1740 AIRPORT BLVD.
WILMINGTON, NC, 28405
BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

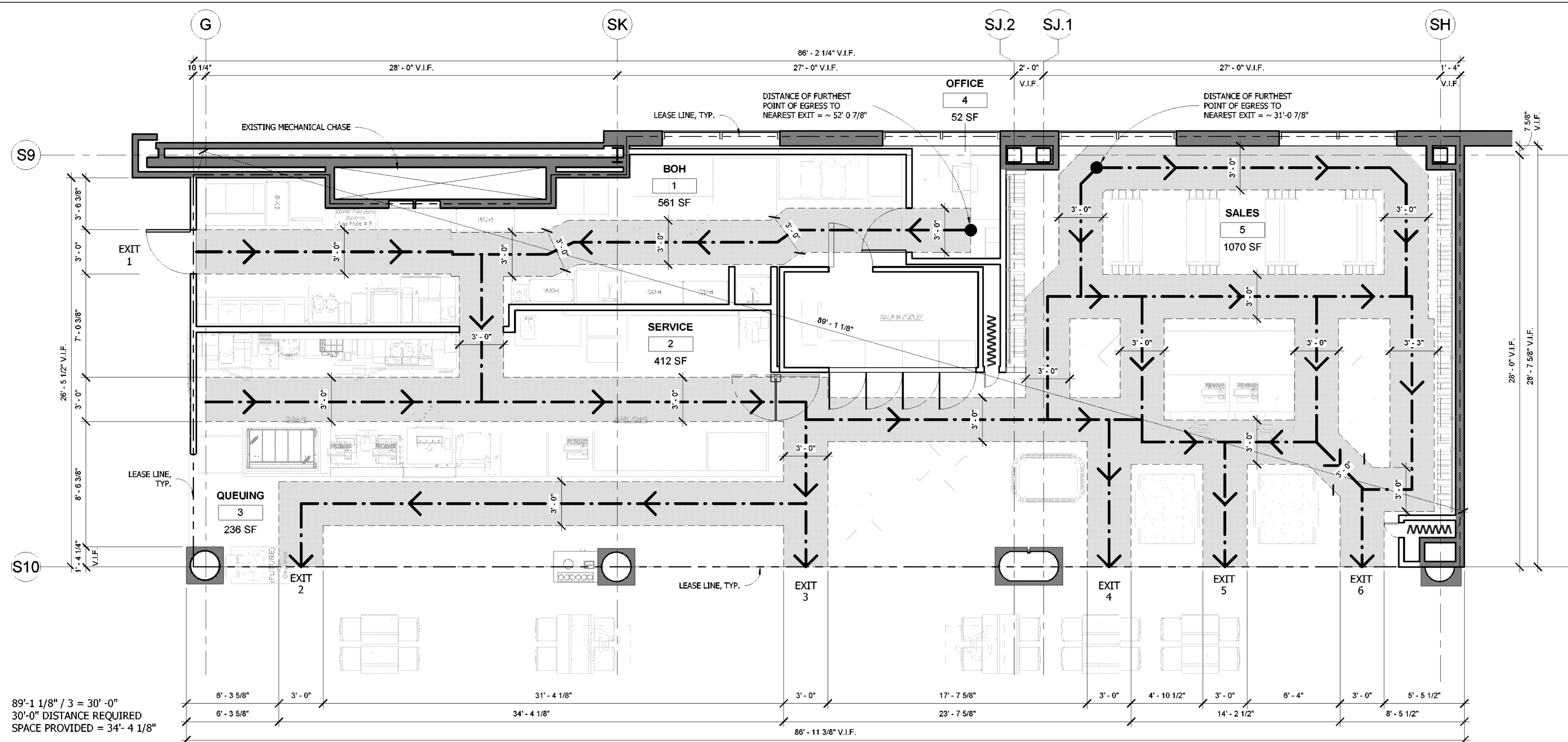
No.	Description	Date
1	80% SUBMITTAL	06/23/2023

**EMERGENCY
EGRESS PLAN**

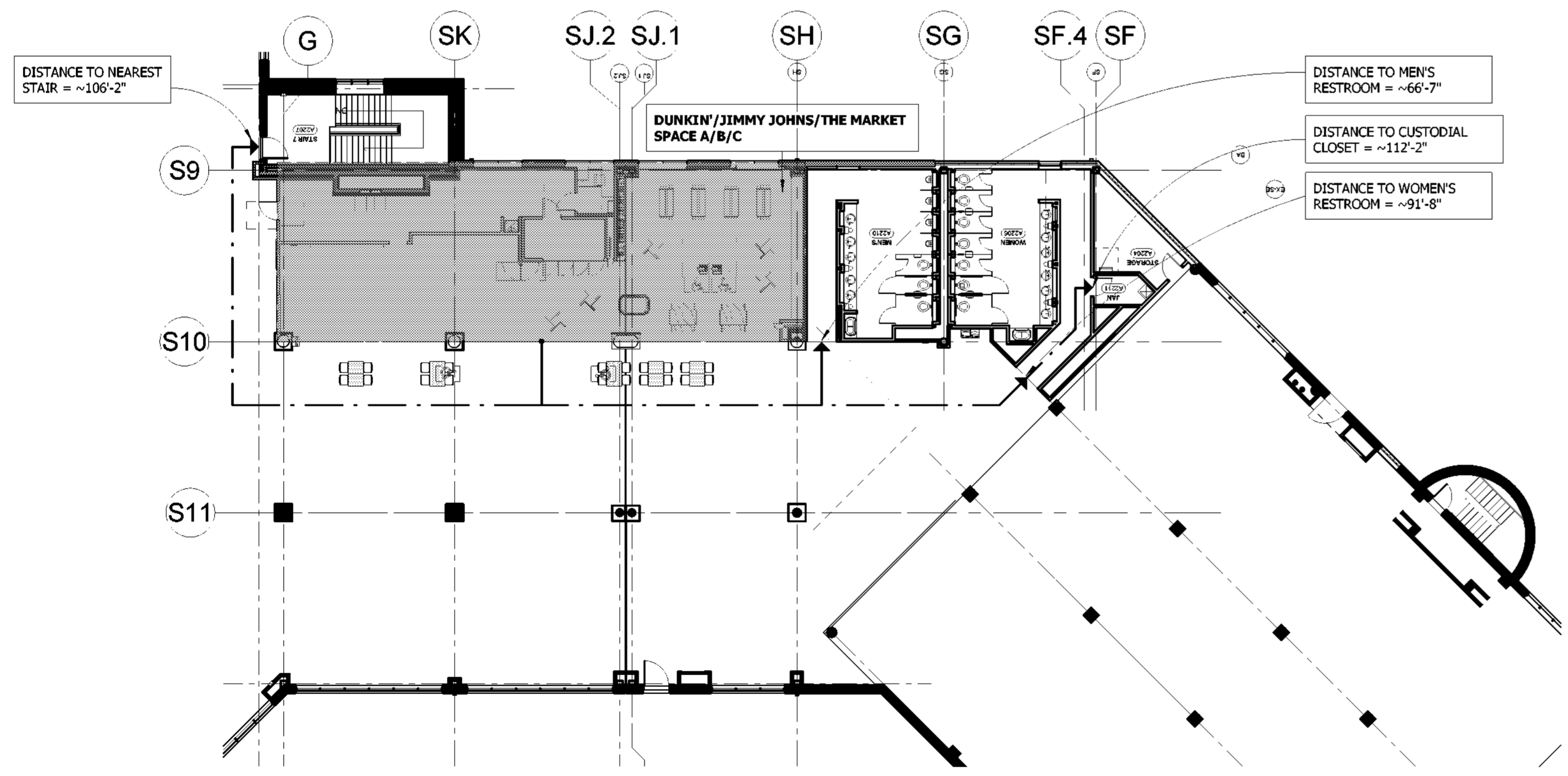
Project number: 2023-019
Date: 03-29-2023
Drawn by: AR
Checked by: BW

A3.3

Scale: As indicated



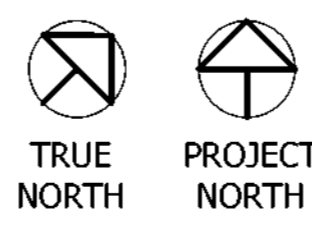
1 EGRESS PLAN
1/4" = 1'-0"



2 CONCOURSE PLAN
1/16" = 1'-0"

EGRESS
Egress -
1 Exit Required.
Provided exits = 6 of 1 required.
Egress width = 36" minimum, Openings > or = 36"
36" Aisles Provided
Egress capacity = .2" per occupant = 180 occupants per
36" door > 28 person occupancy load.

OCCUPANCY GROUP: B - Business
CONSTRUCTION TYPE: 1A - Fully Sprinkled



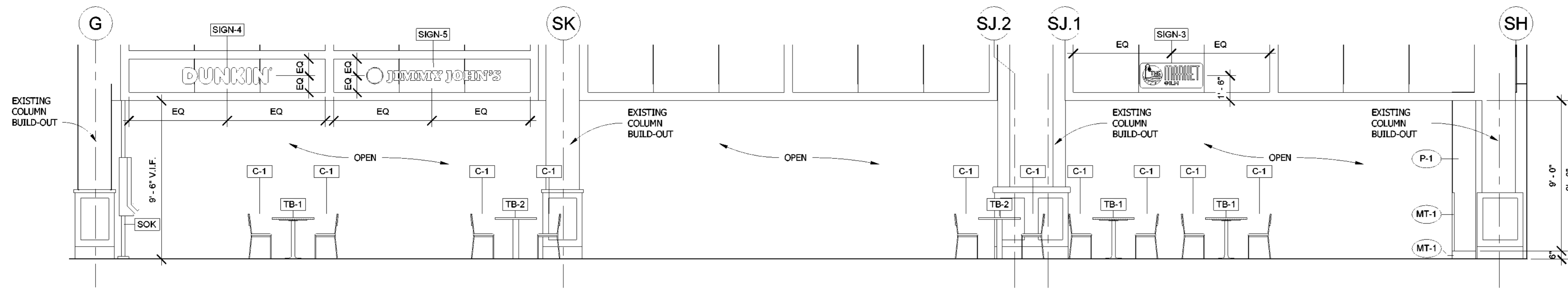
WALL LEGEND
— EXISTING WALL
— NEW WALL
- - - LEASE LINE

WATERPROOF MEMBRANE NOTE:
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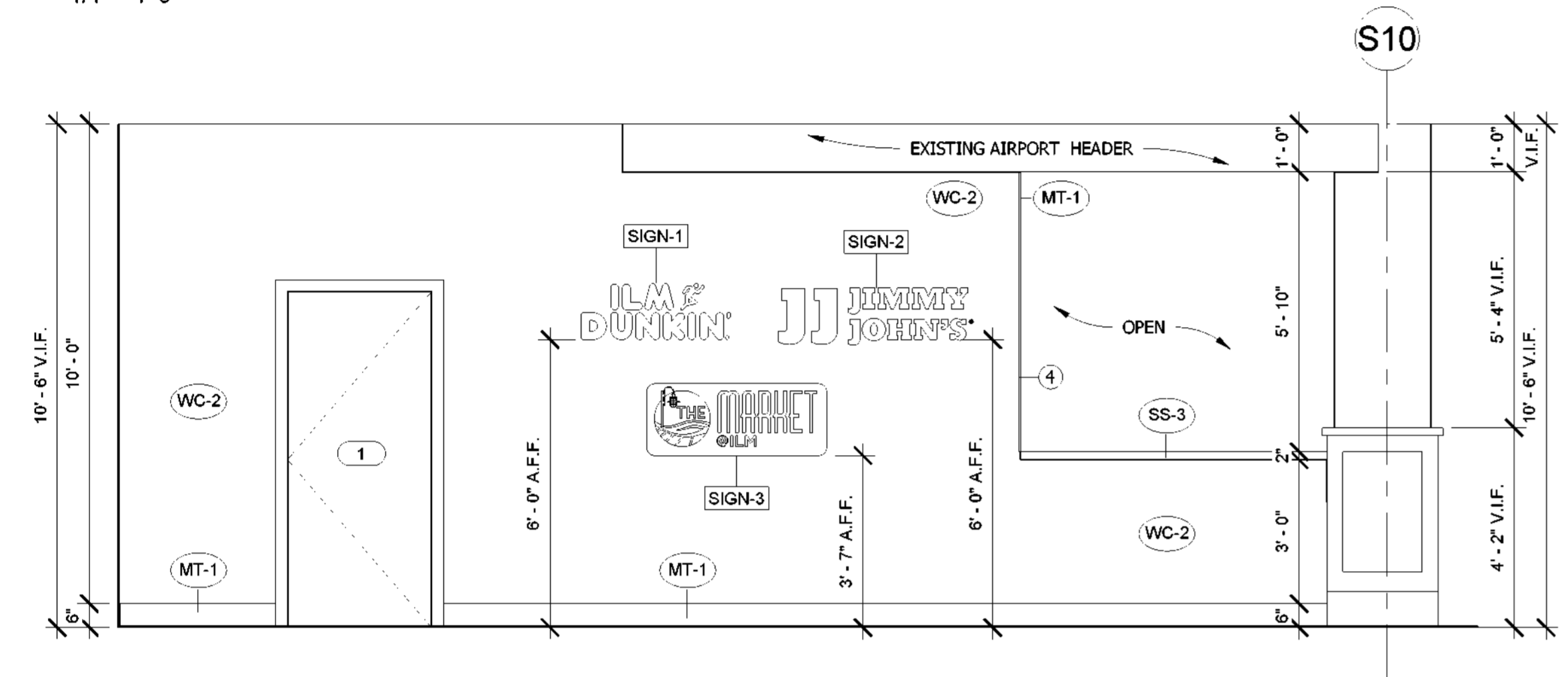
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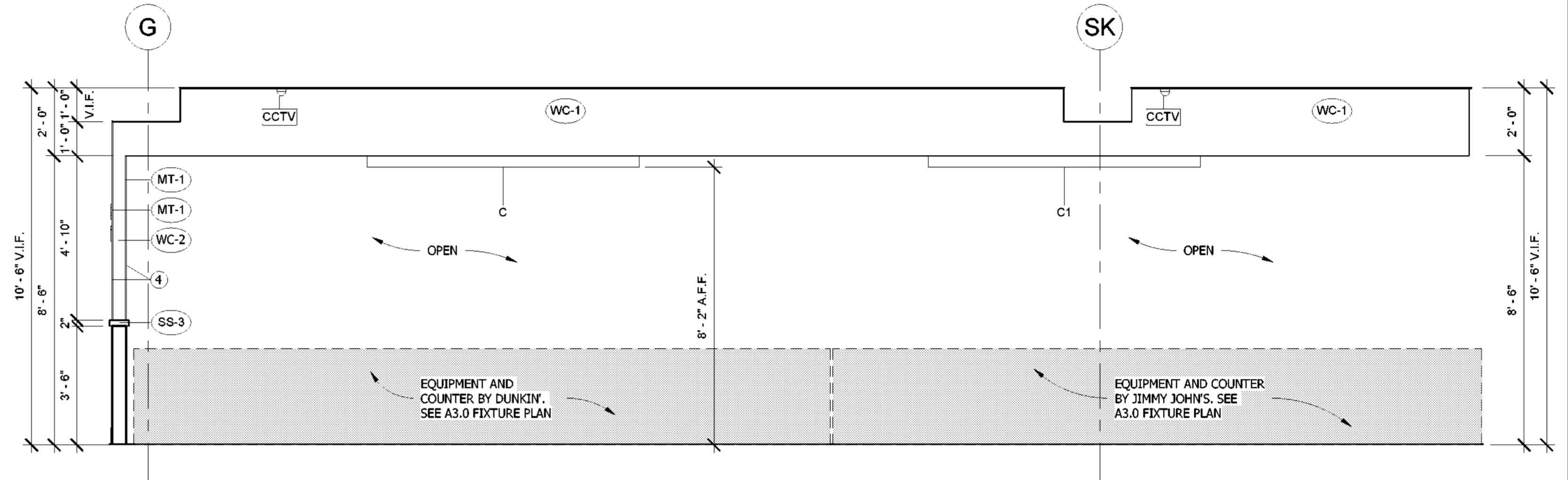
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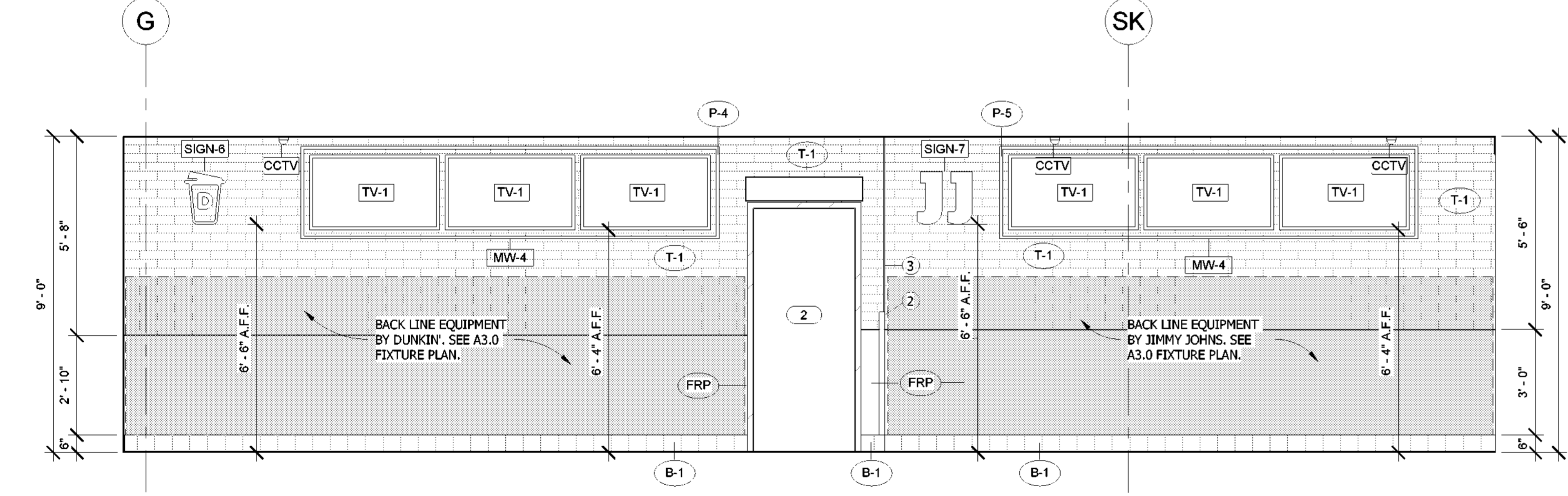
1 STOREFRONT ELEVATION
1/4" = 1'-0"



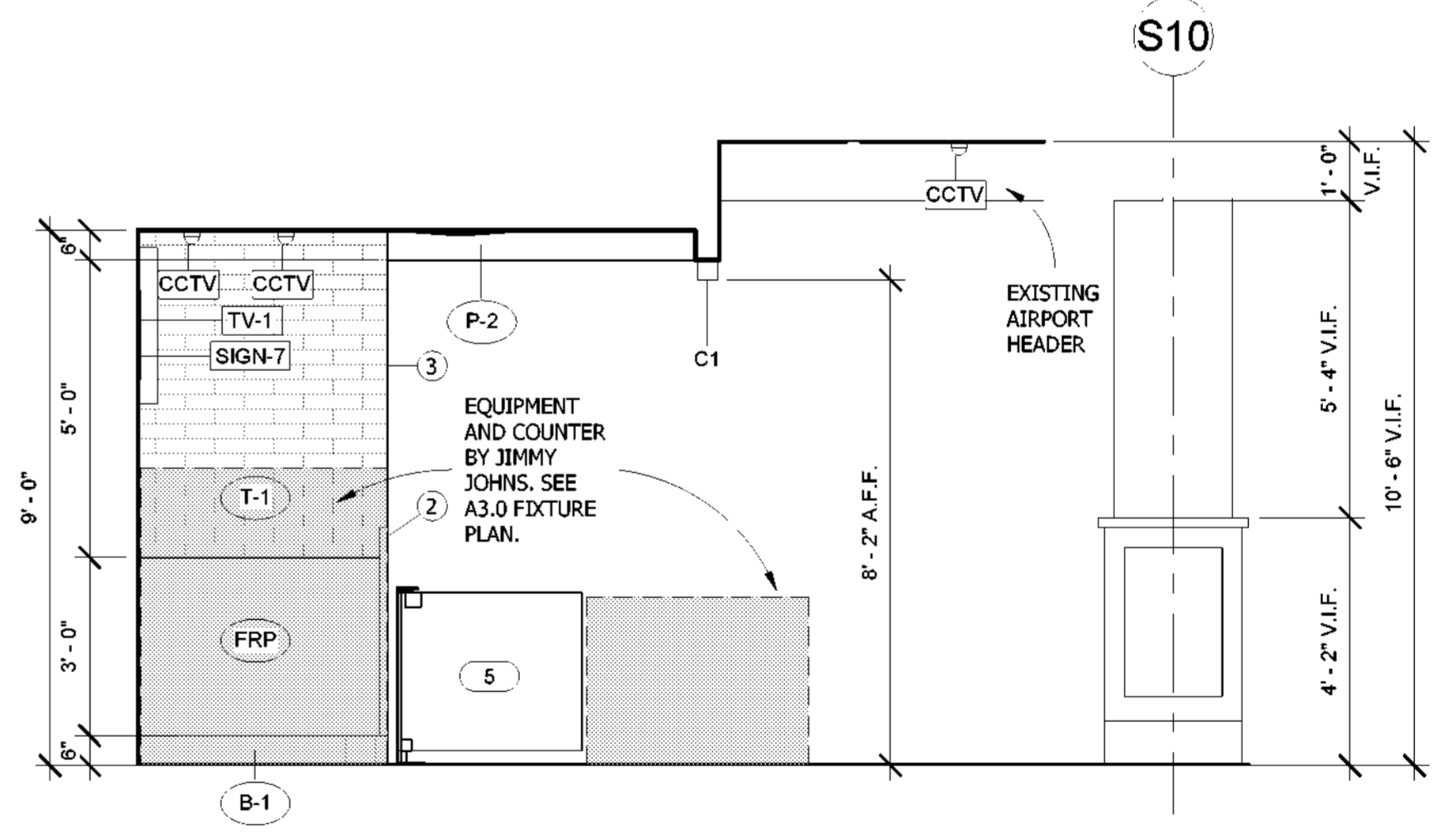
2 STOREFRONT - WEST WALL
3/8" = 1'-0"



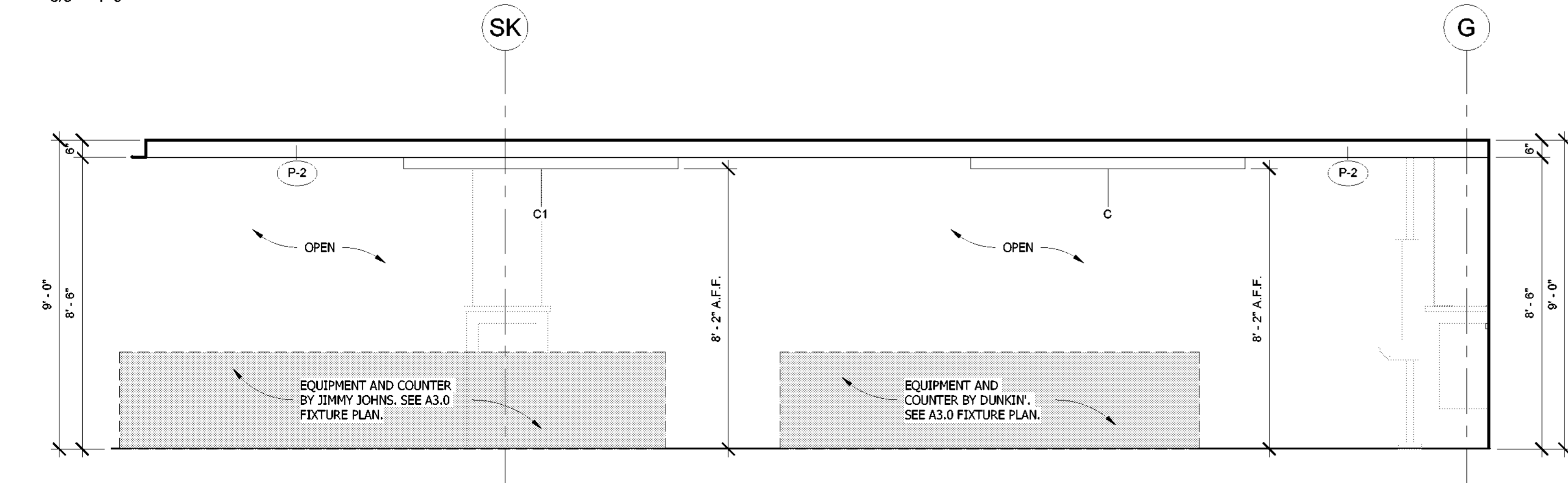
3 QUEUING - NORTH WALL
3/8" = 1'-0"



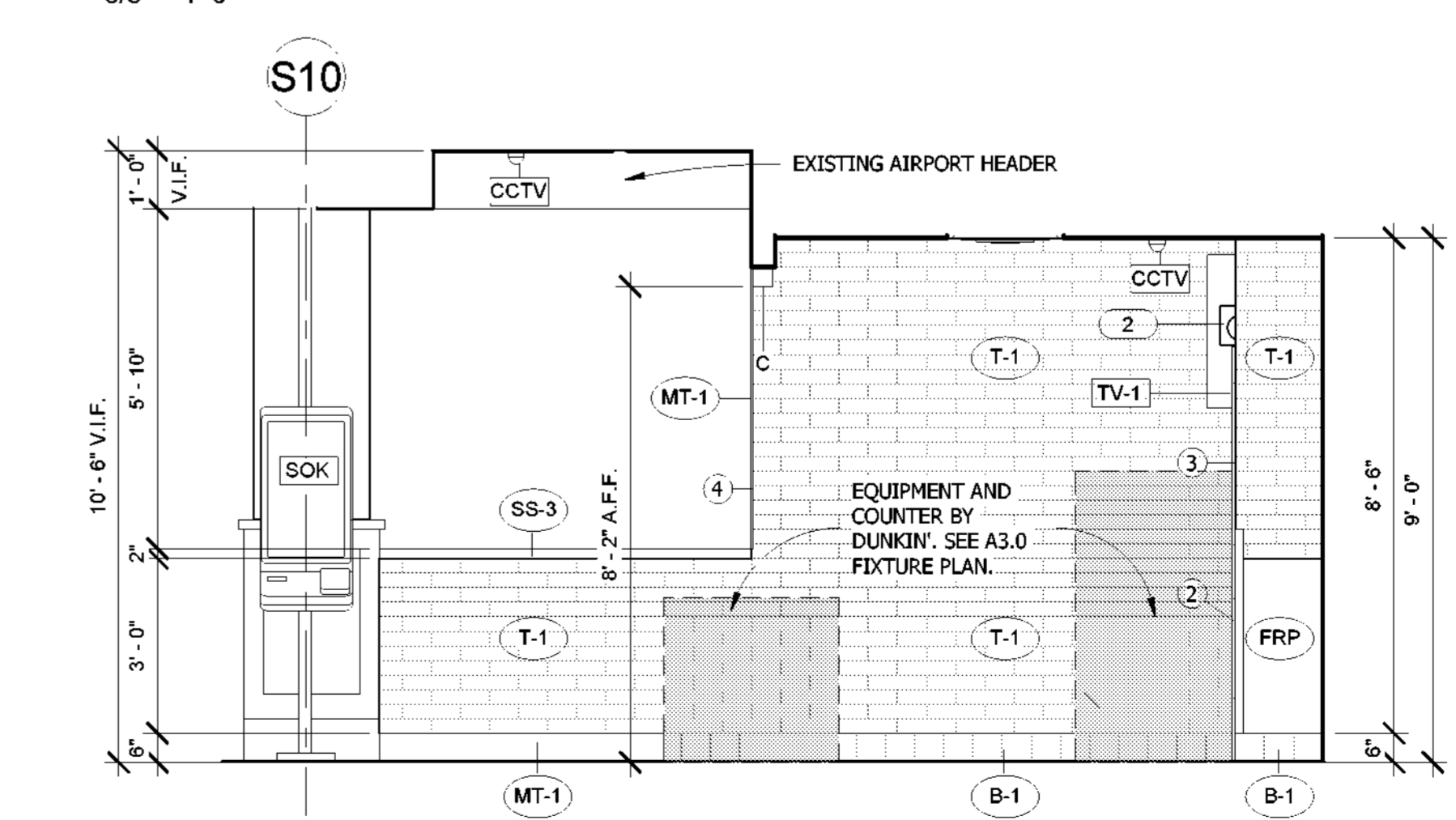
4 SERVICE AREA - NORTH
3/8" = 1'-0"



5 SERVICE AREA - EAST
3/8" = 1'-0"



6 SERVICE AREA - SOUTH
3/8" = 1'-0"



7 SERVICE AREA - WEST
3/8" = 1'-0"

DD **JJ** **THE MARKET**
WILMINGTON INTERNATIONAL AIRPORT
1740 AIRPORT BLVD.
WILMINGTON, NC, 28405
BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	60% SUBMITTAL	06/23/2023

ELEVATIONS

Project number 2023-019
Date 03-29-2023
Drawn by AR
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A4.0

Scale As indicated

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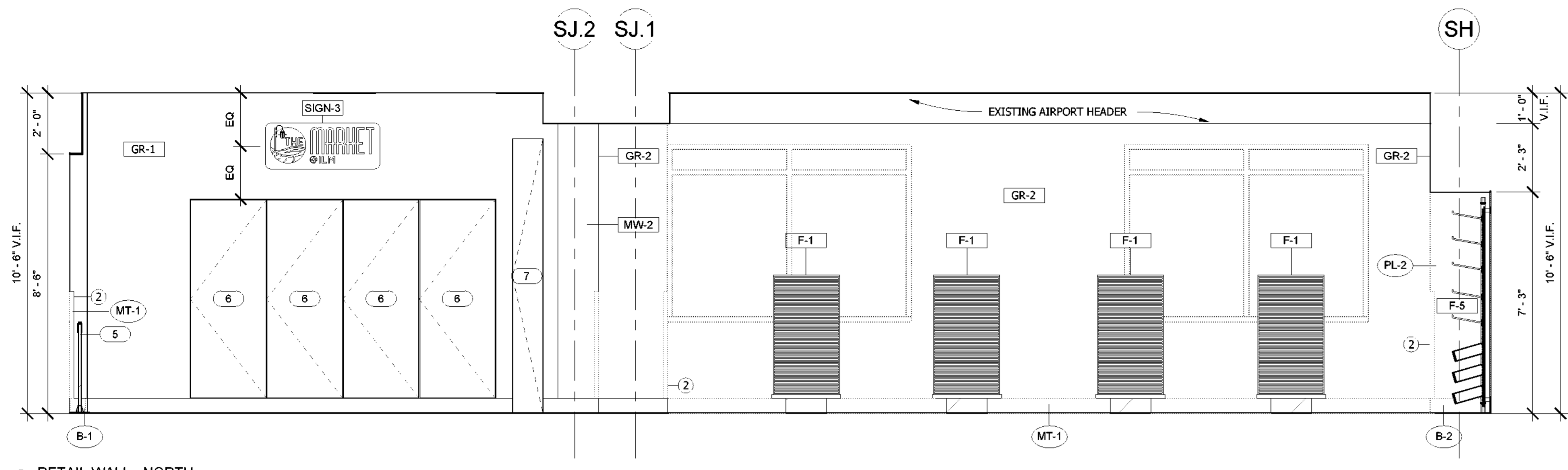
No.	Description	Date
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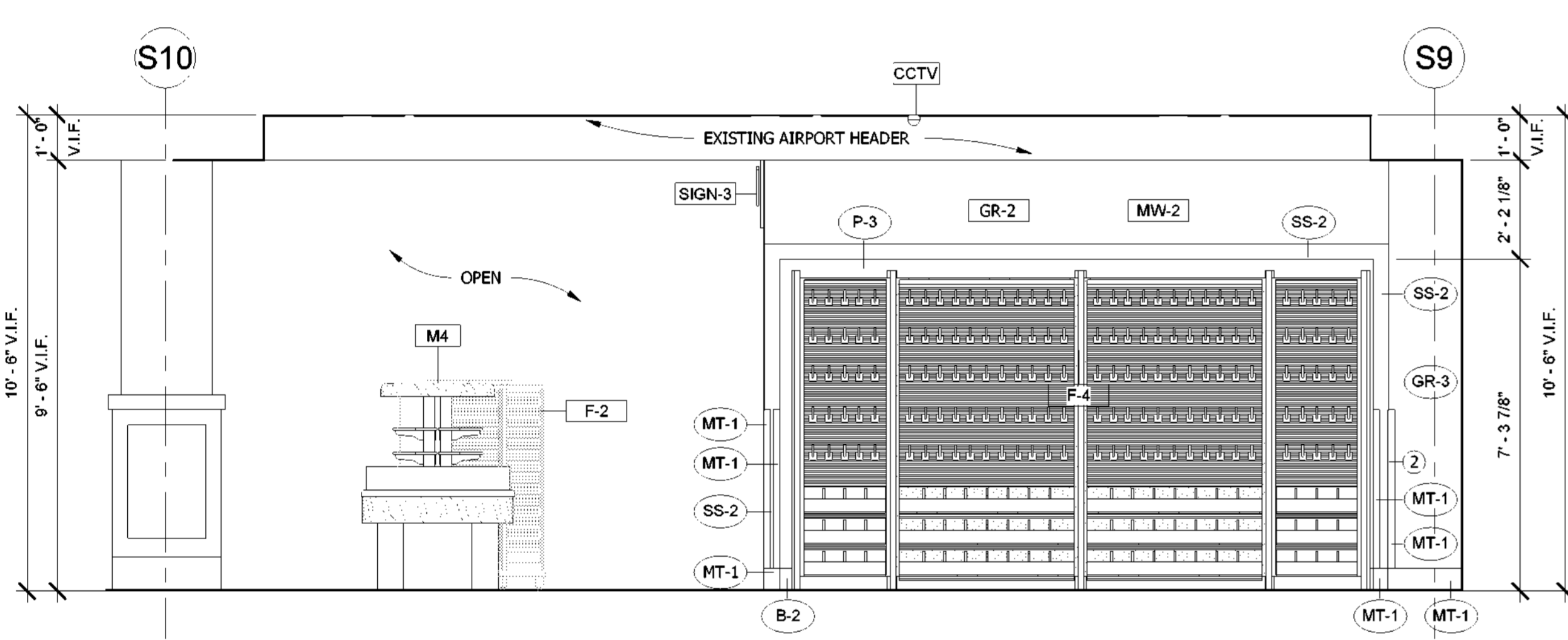
Project number	2023-019
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A4.1

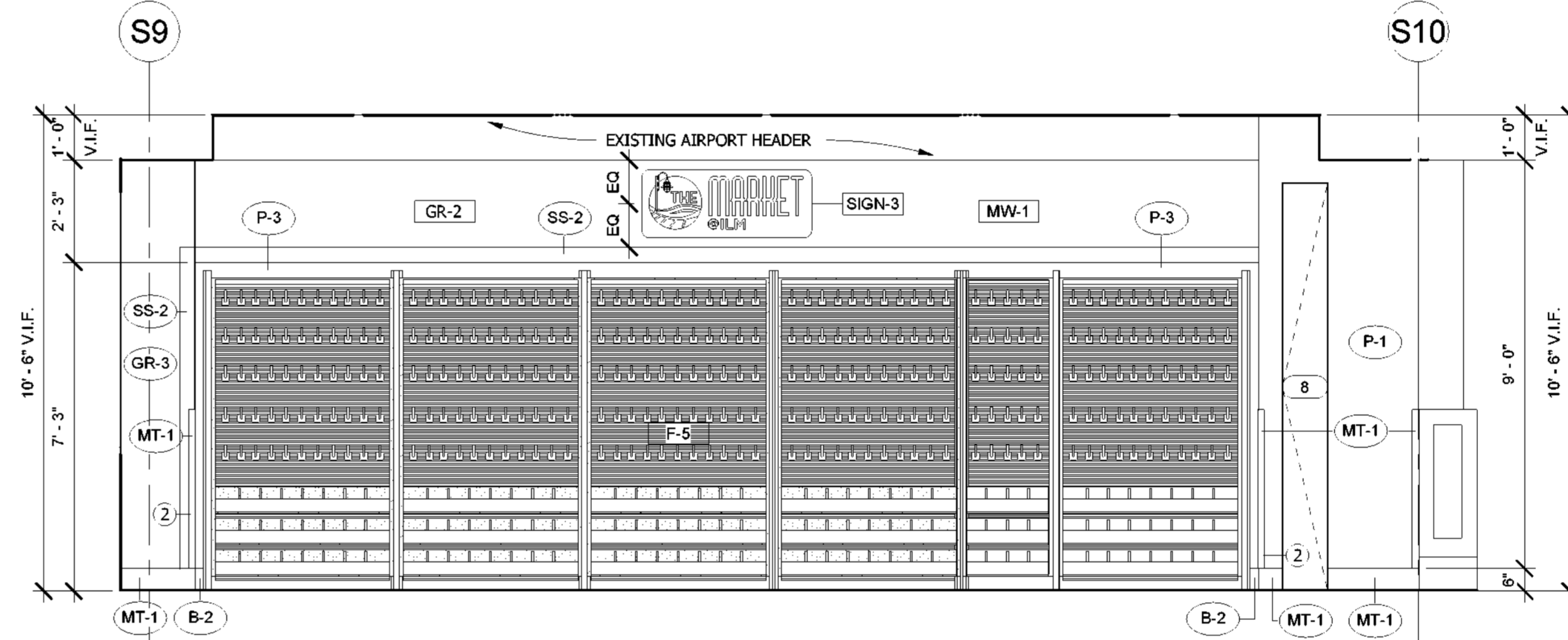
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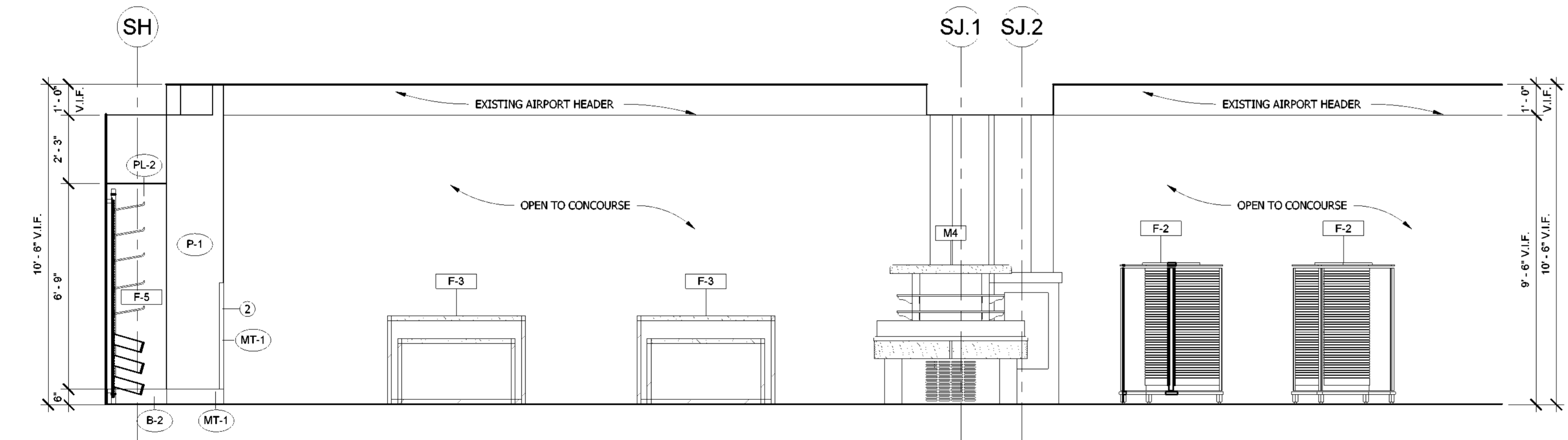
1 RETAIL WALL - NORTH
3/8" = 1'-0"



2 RETAIL WALL - WEST
3/8" = 1'-0"



3 RETAIL WALL - EAST
3/8" = 1'-0"



4 RETAIL WALL - SOUTH
3/8" = 1'-0"

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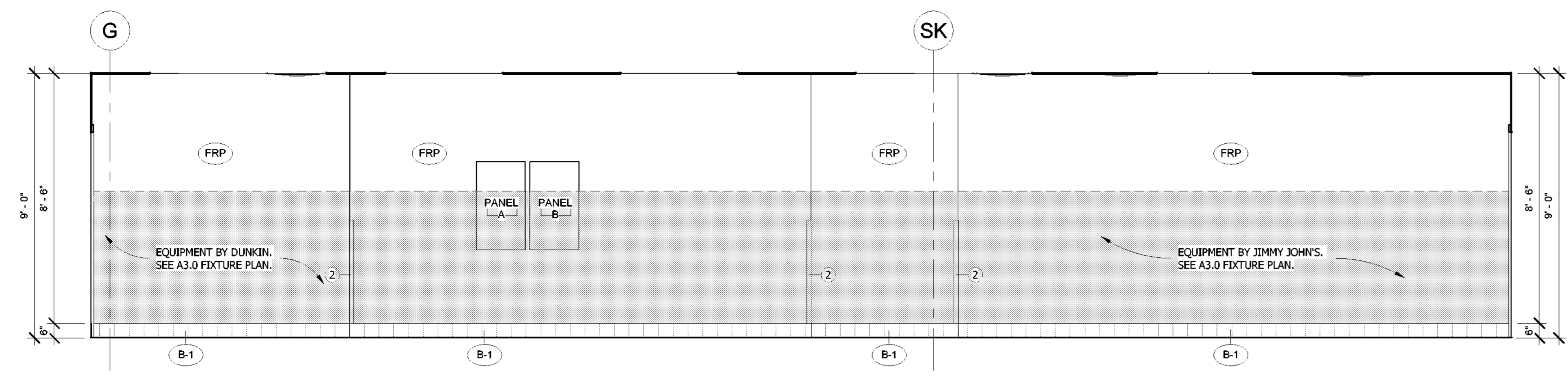
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ELEVATIONS

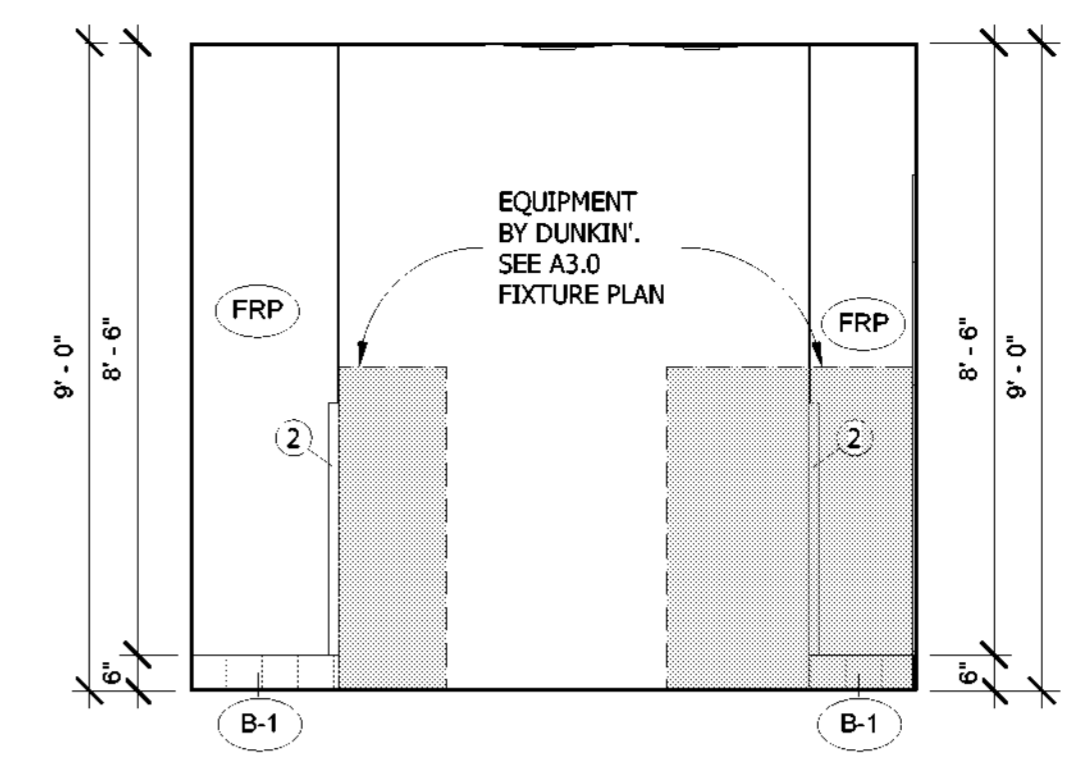
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A4.2

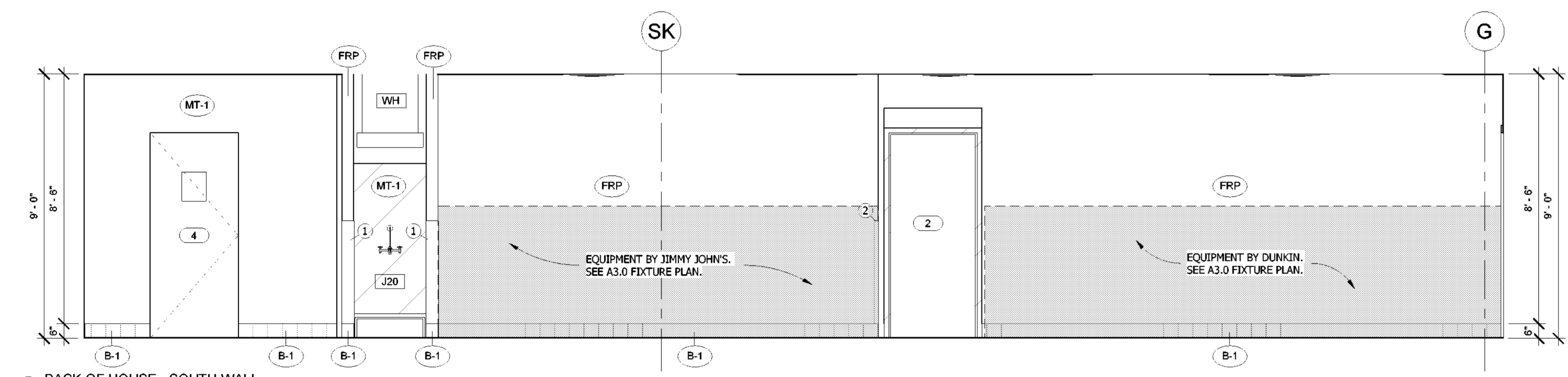
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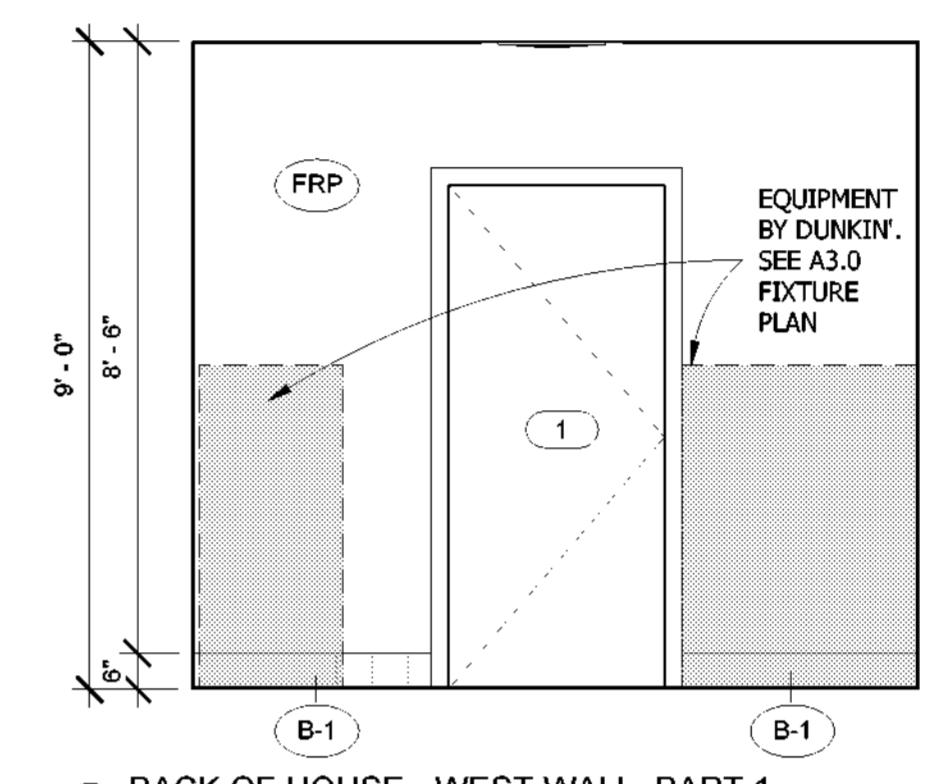
1 BACK OF HOUSE - NORTH WALL
3/8" = 1'-0"



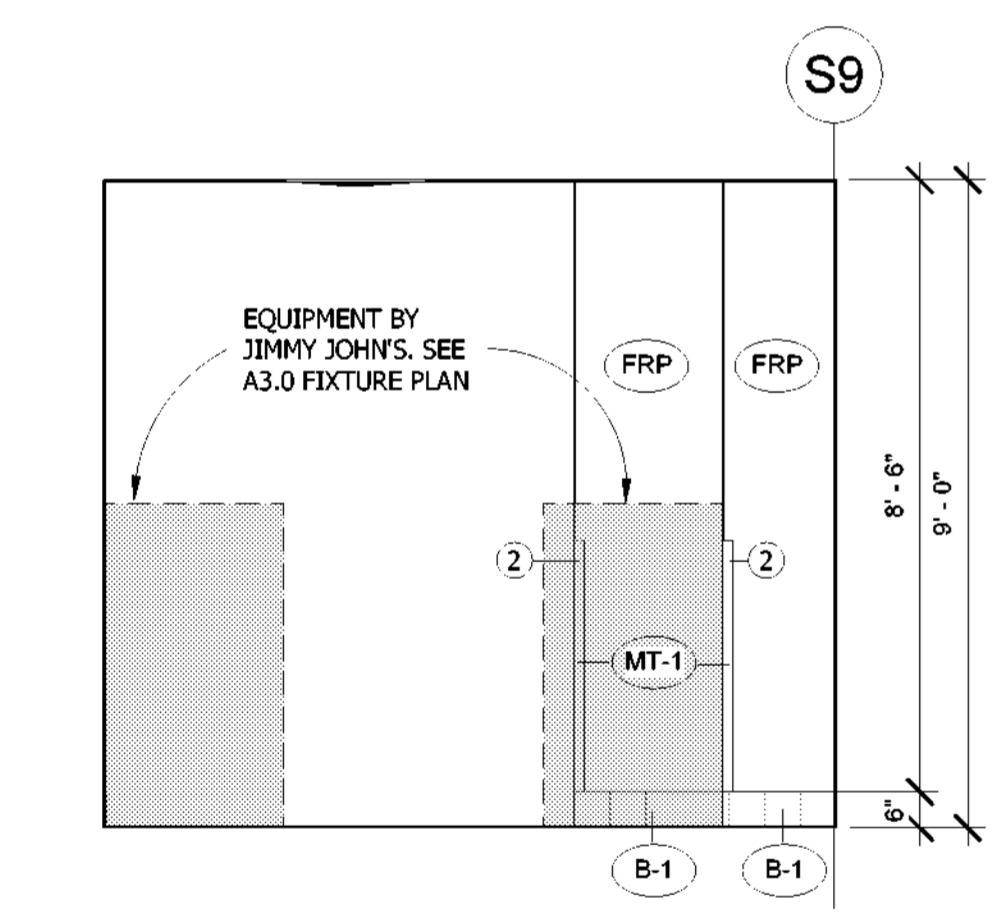
2 BACK OF HOUSE - EAST WALL PART 1
3/8" = 1'-0"



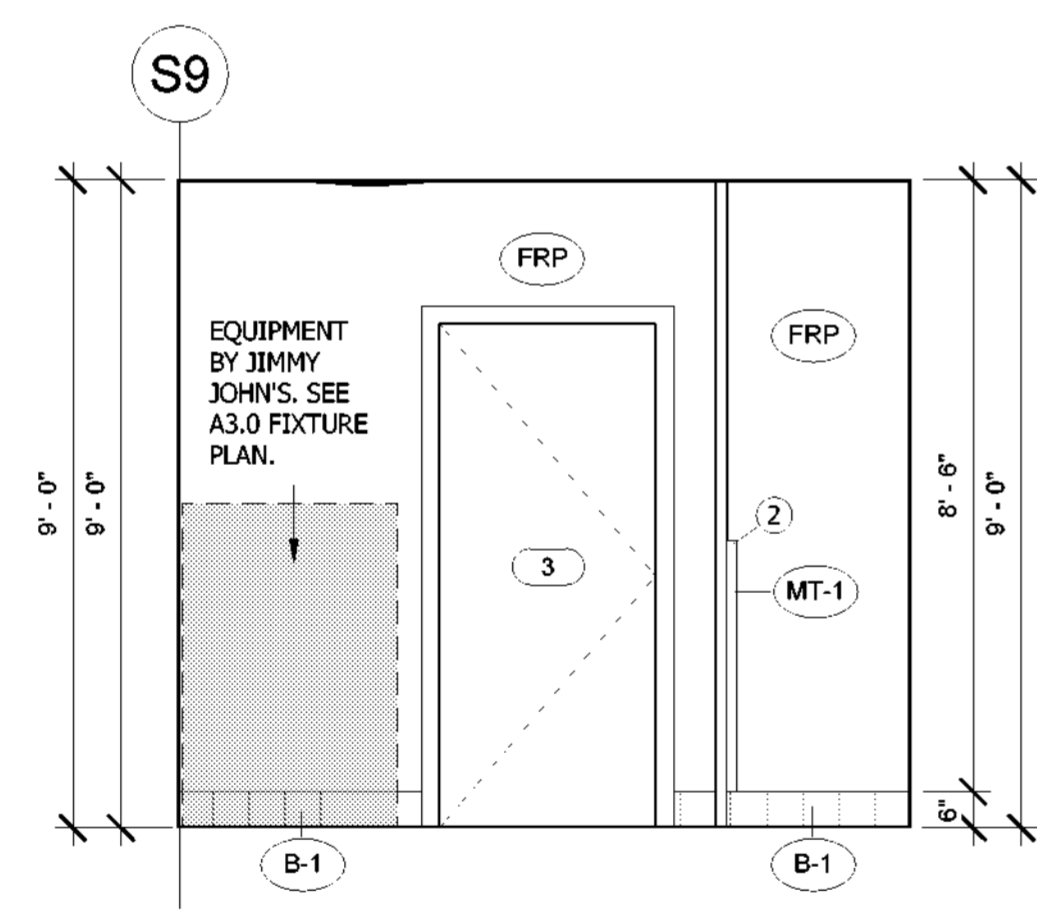
3 BACK OF HOUSE - SOUTH WALL
3/8" = 1'-0"



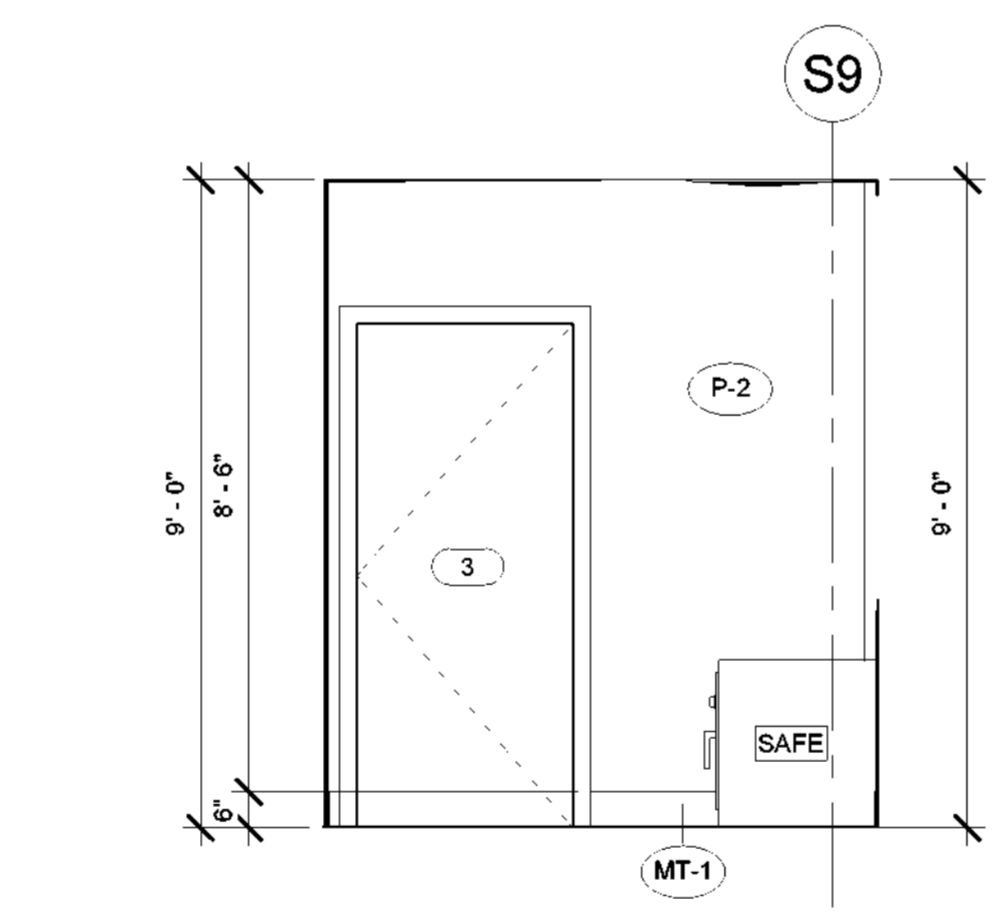
4 BACK OF HOUSE - WEST WALL, PART 1
3/8" = 1'-0"



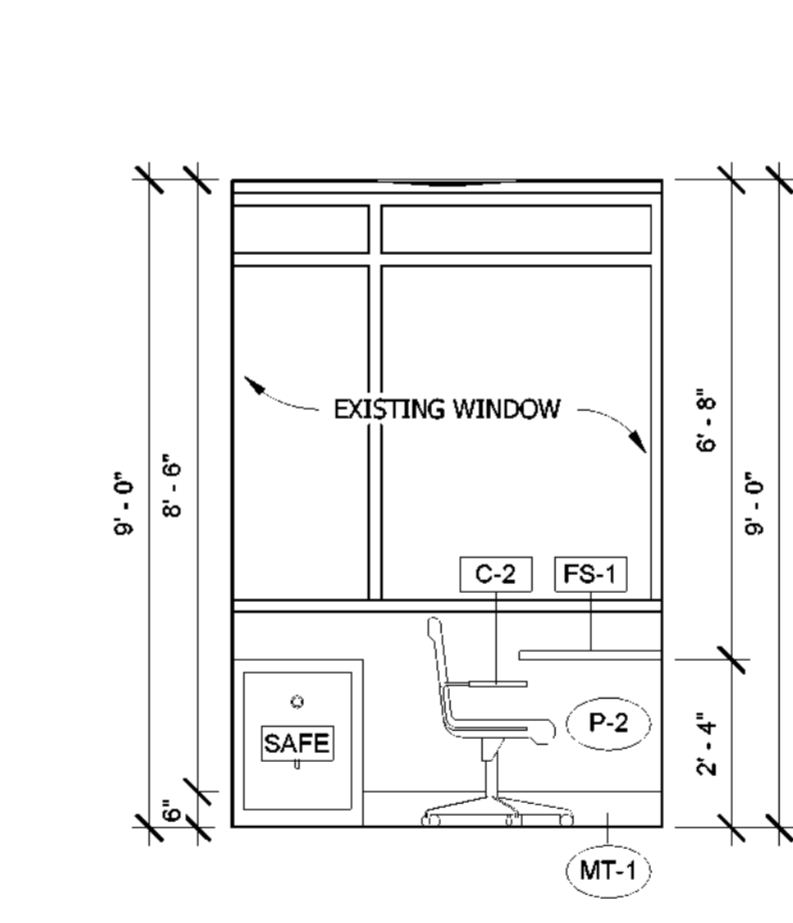
5 BACK OF HOUSE - WEST WALL, PART 2
3/8" = 1'-0"



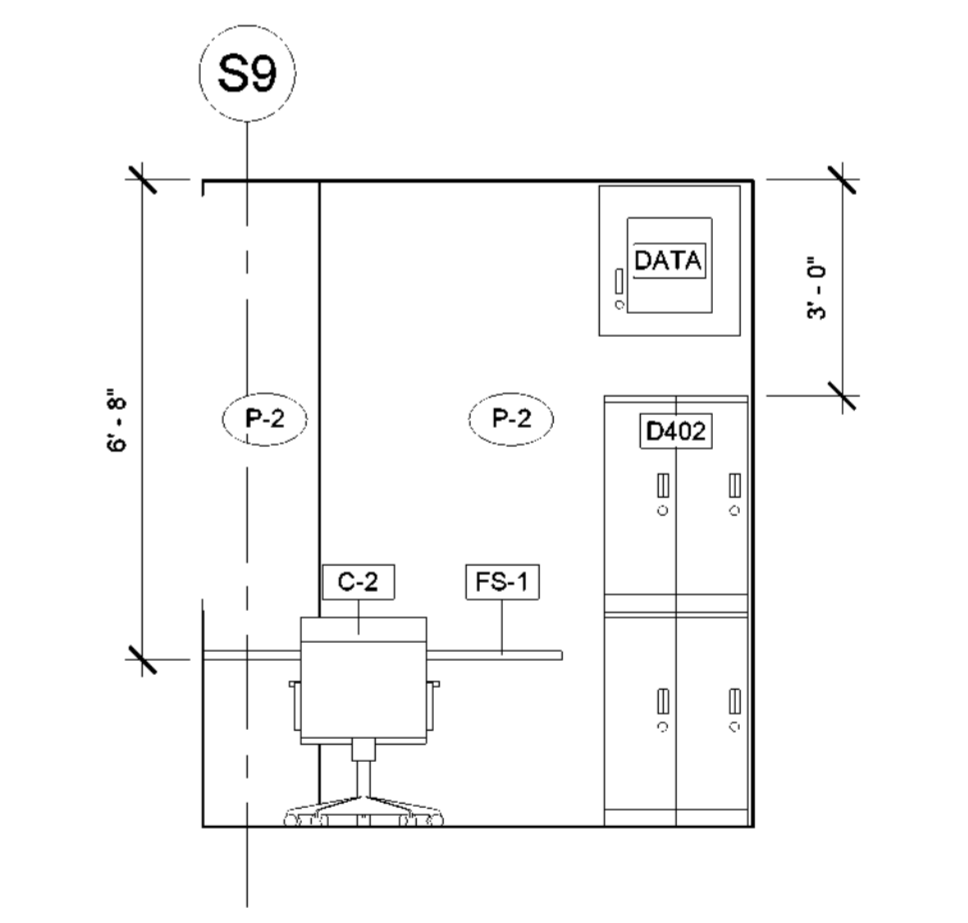
6 BACK OF HOUSE - EAST WALL, PART 2
3/8" = 1'-0"



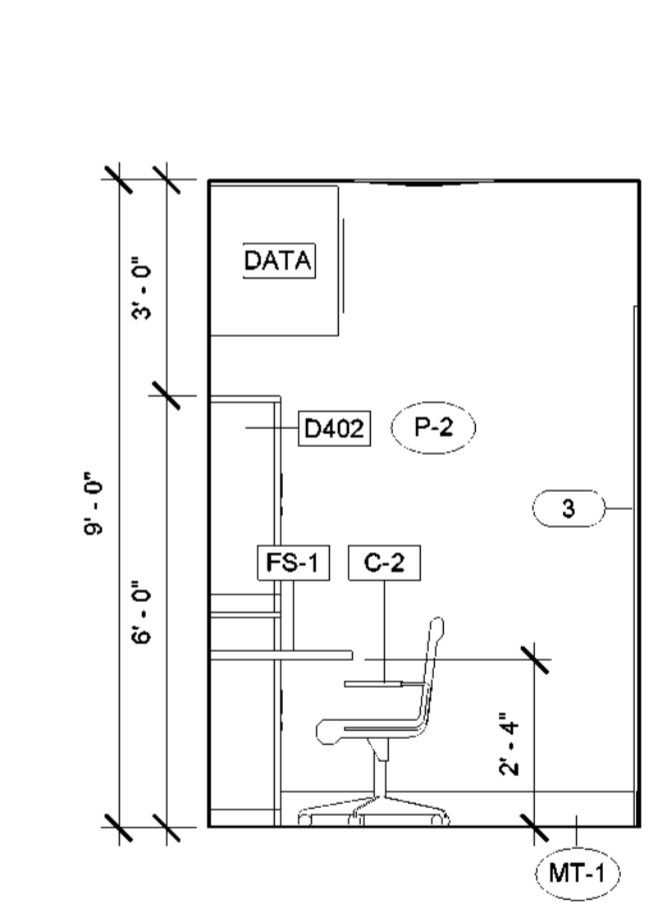
7 OFFICE - WEST WALL
3/8" = 1'-0"



8 OFFICE - NORTH WALL
3/8" = 1'-0"



9 OFFICE - EAST WALL
3/8" = 1'-0"



10 OFFICE - SOUTH WALL
3/8" = 1'-0"

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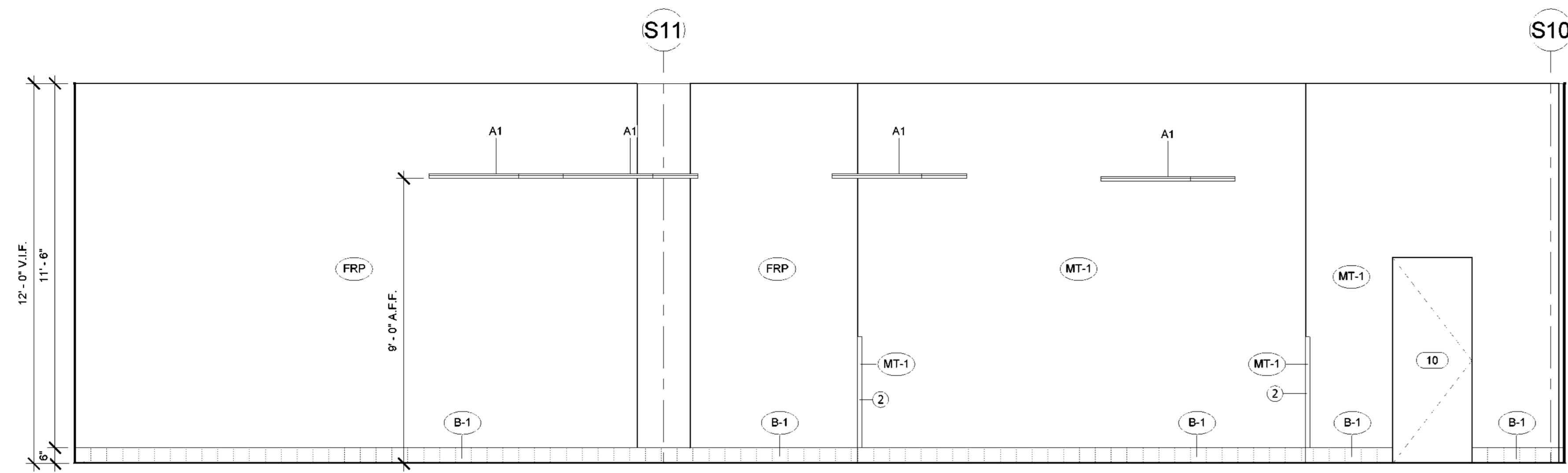
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REMOTE STORAGE ELEVATIONS

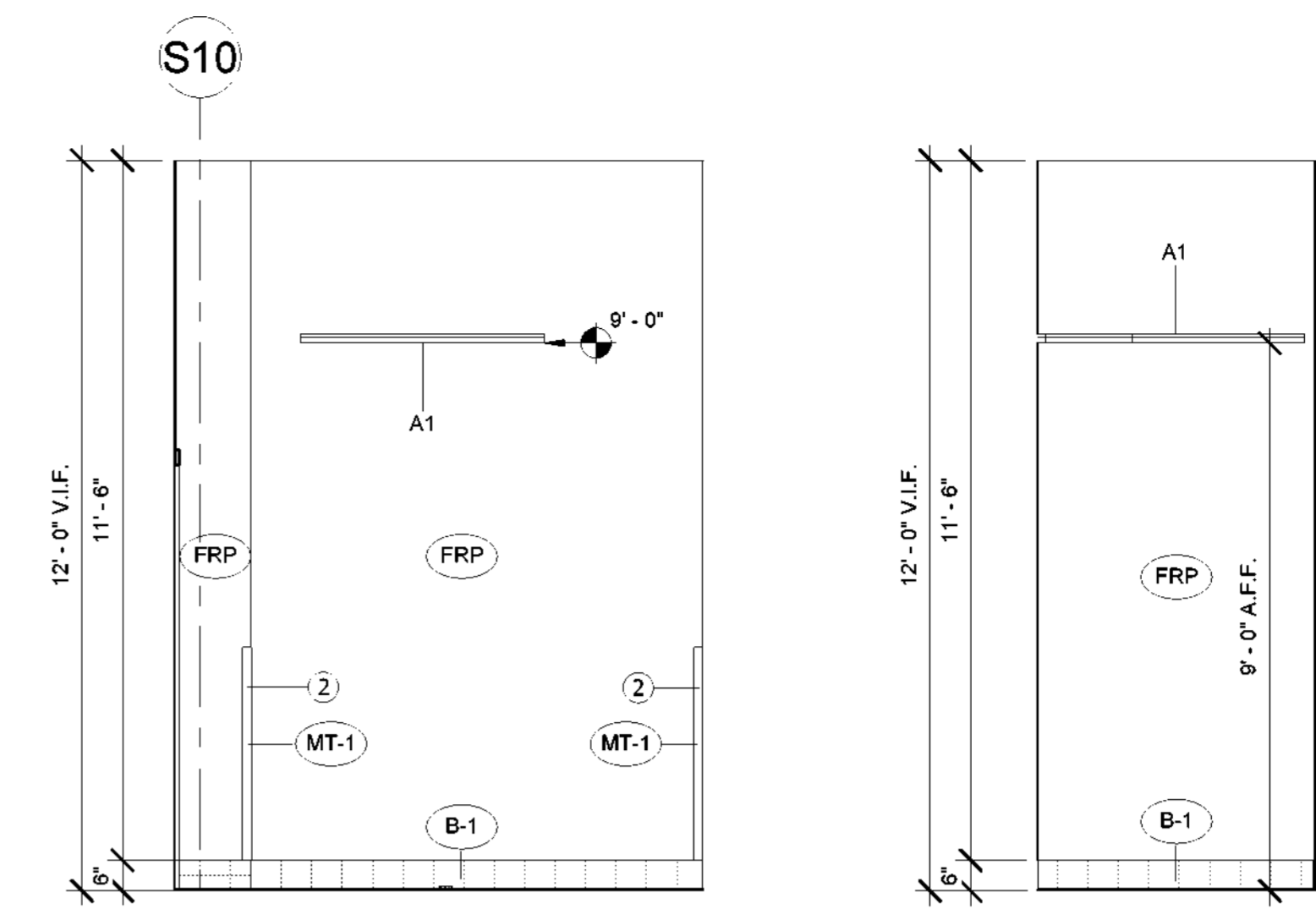
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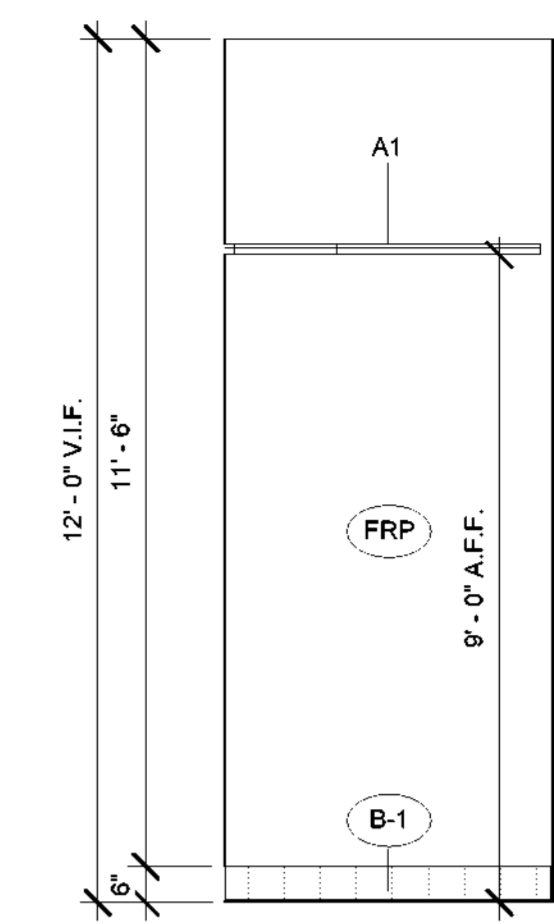
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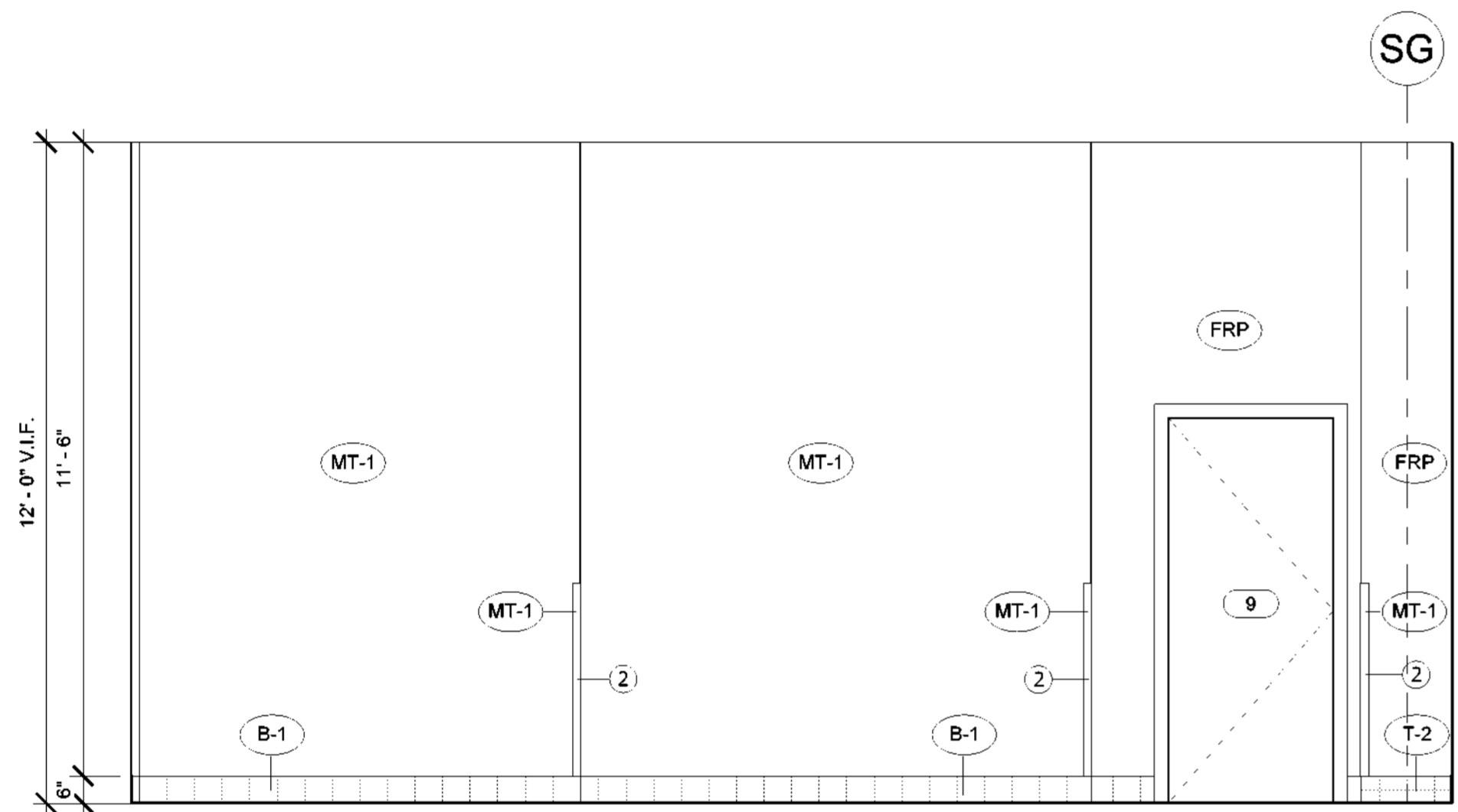
1 REMOTE STORAGE - WEST WALL
3/8" = 1'-0"



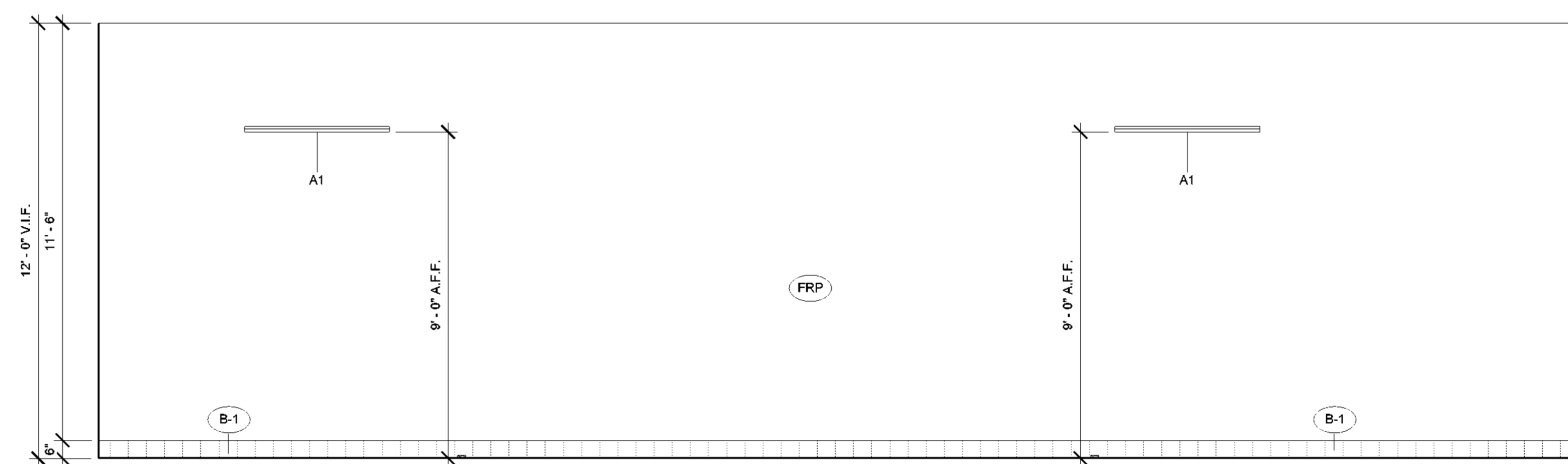
2 REMOTE STORAGE - EAST WALL
3/8" = 1'-0"



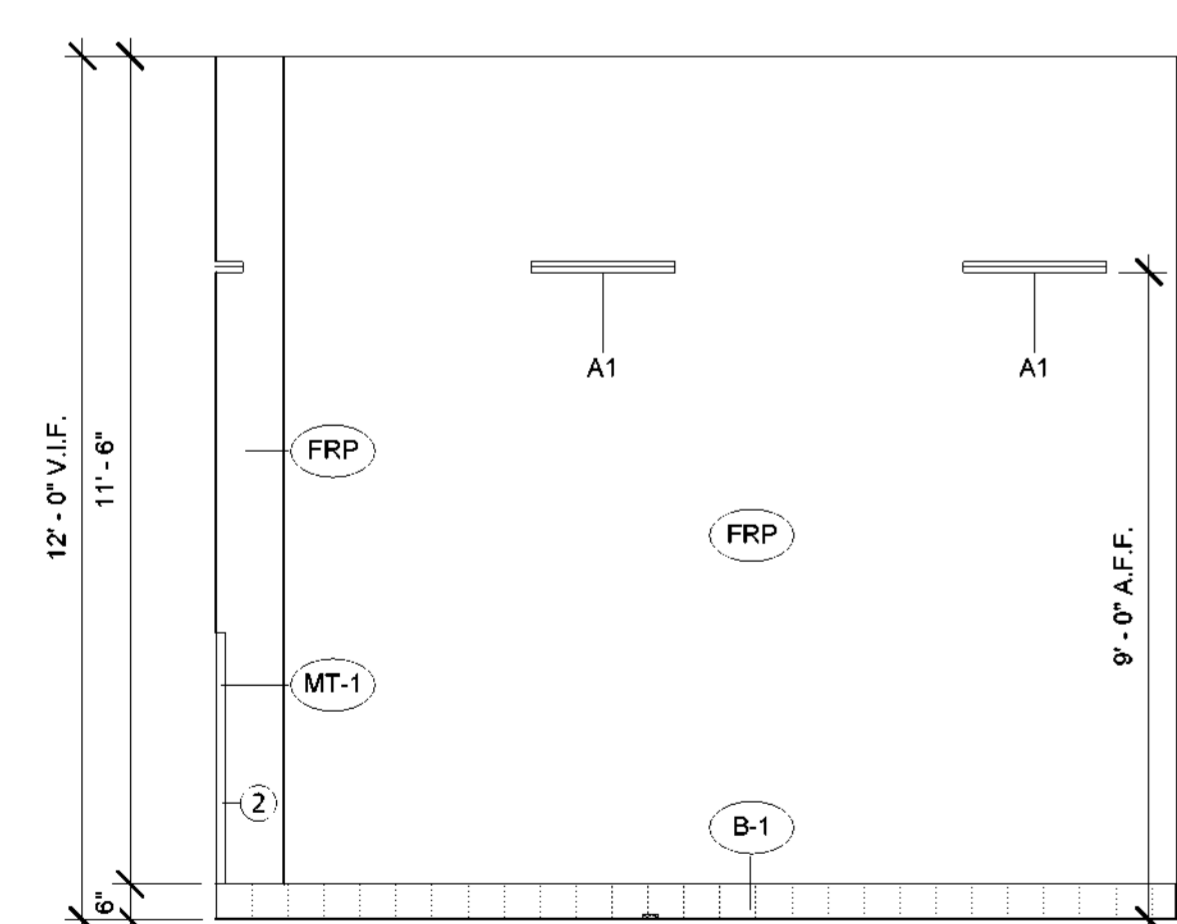
3 REMOTE STORAGE - SOUTH WALL
3/8" = 1'-0"



4 REMOTE STORAGE - NORTH WALL
3/8" = 1'-0"



5 REMOTE STORAGE - SOUTH EAST WALL
3/8" = 1'-0"



6 REMOTE STORAGE - NORTH EAST WALL
3/8" = 1'-0"

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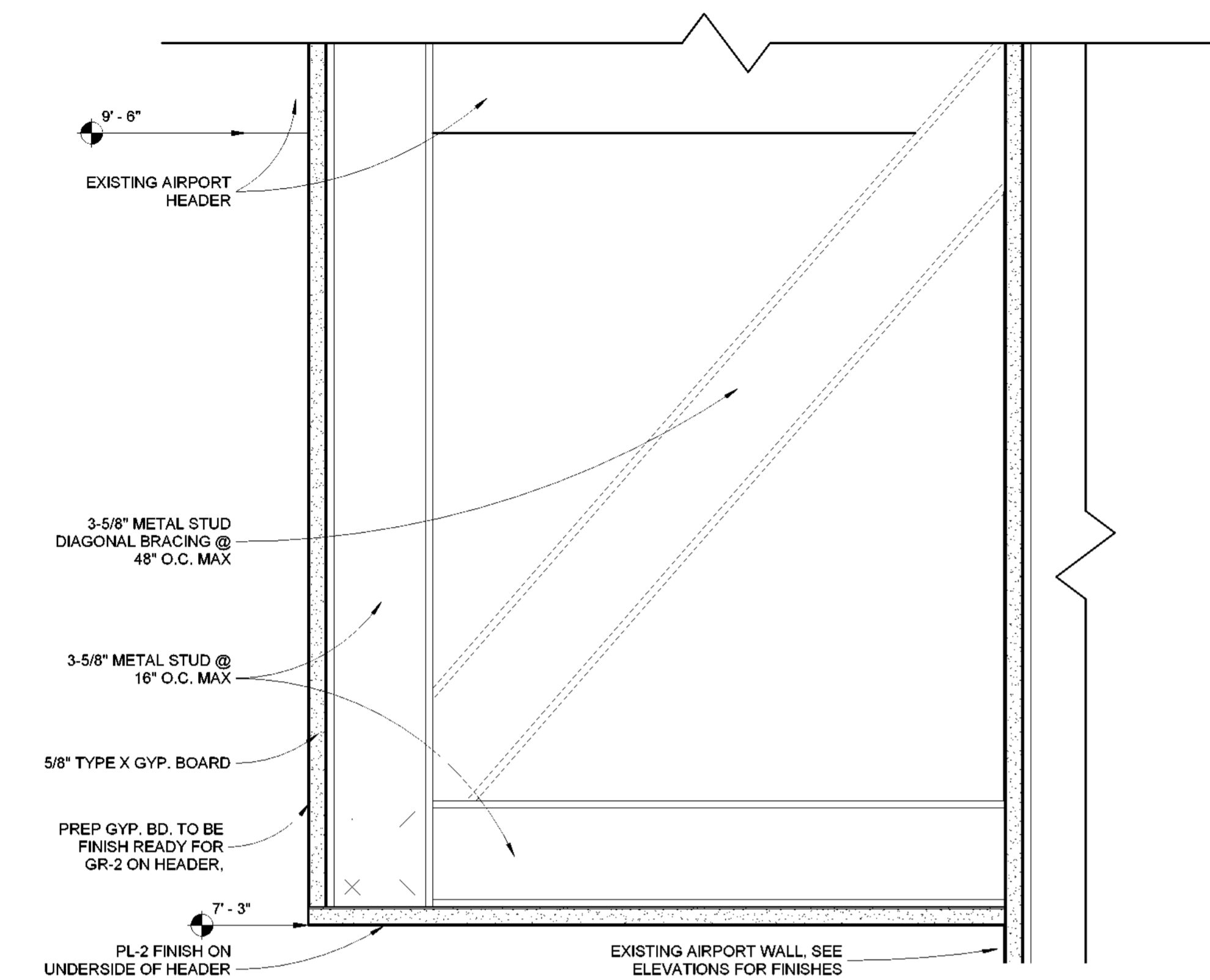
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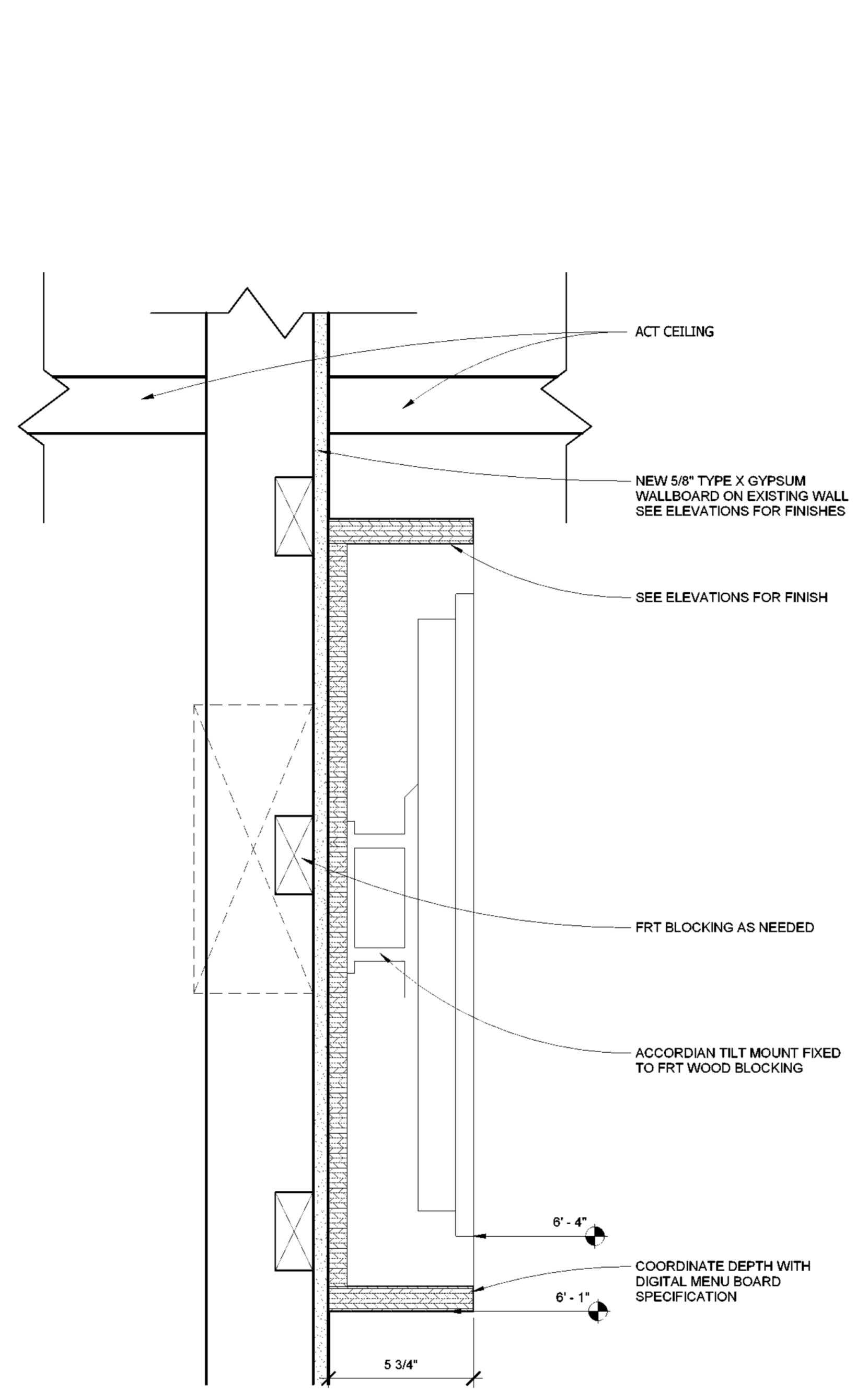
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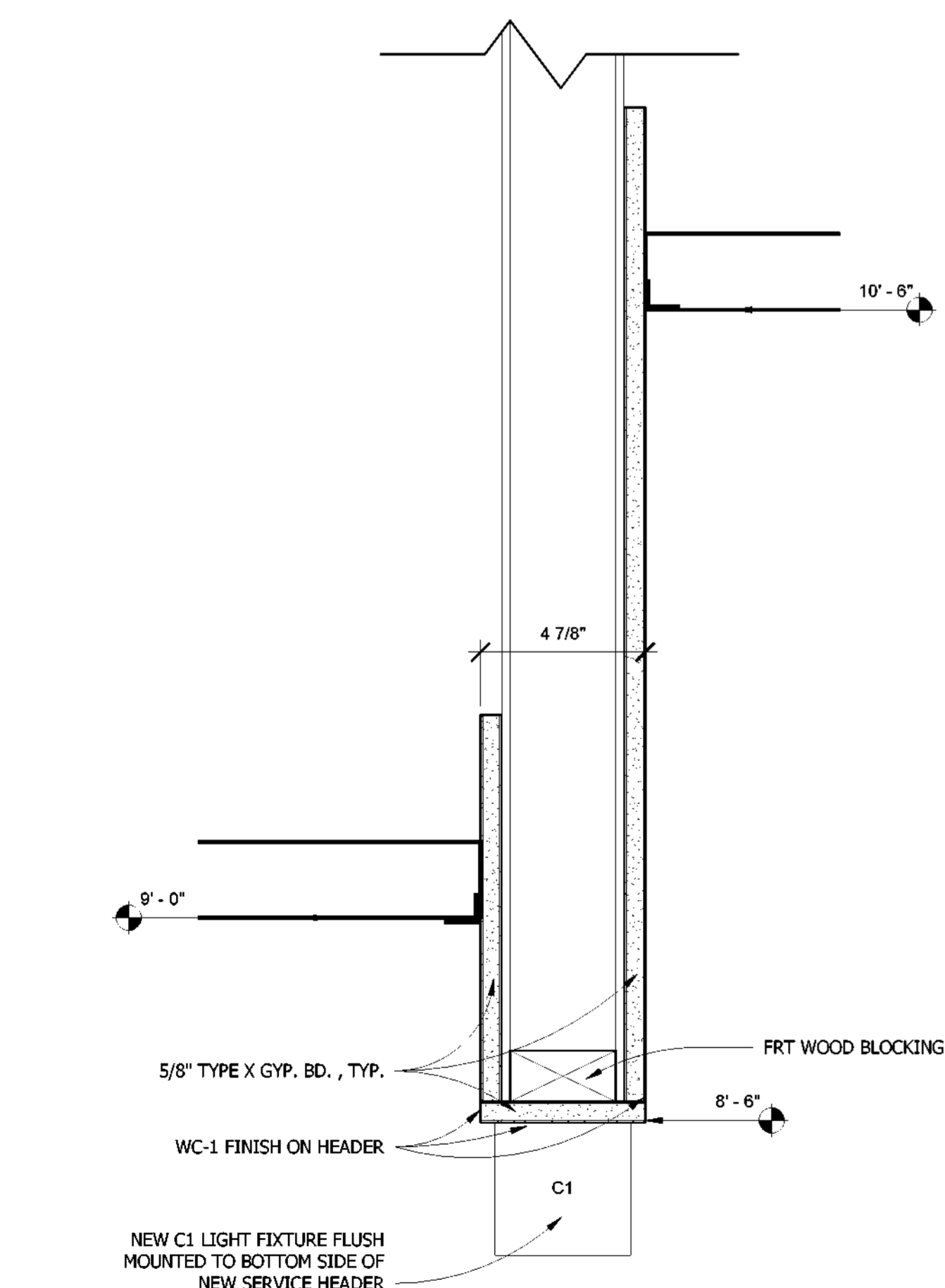
WATERPROOF MEMBRANE NOTE:
GC TO PROVIDE CONTINUOUS WATERPROOF MEMBRANE IN WET AREAS AND WRAP 6" UP WALLS.



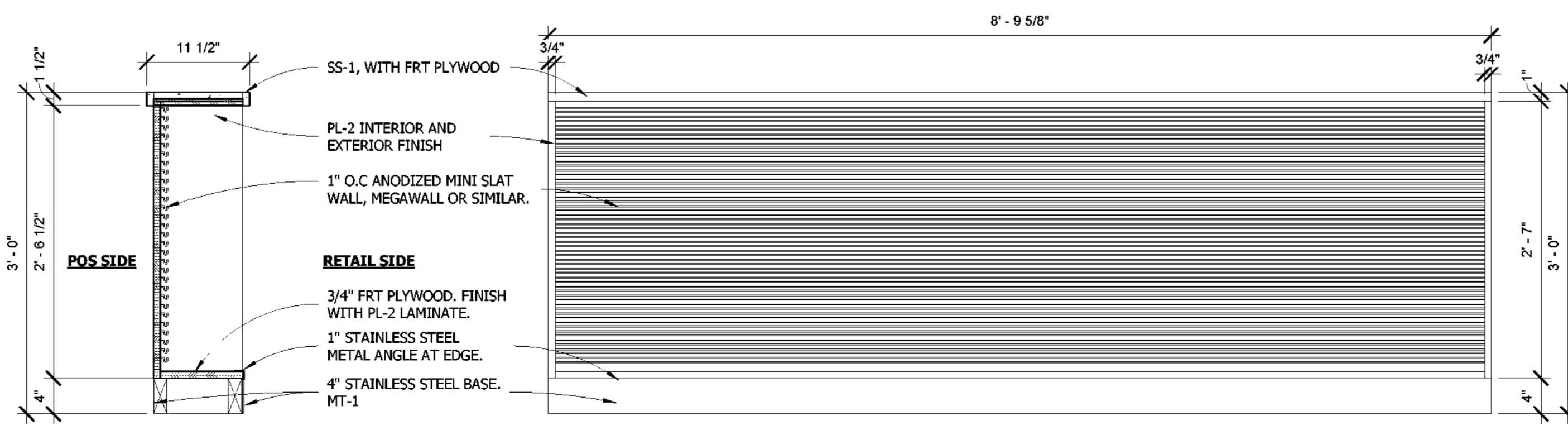
4 SECTION @ RETAIL HEADER, TYP.
3" = 1'-0"



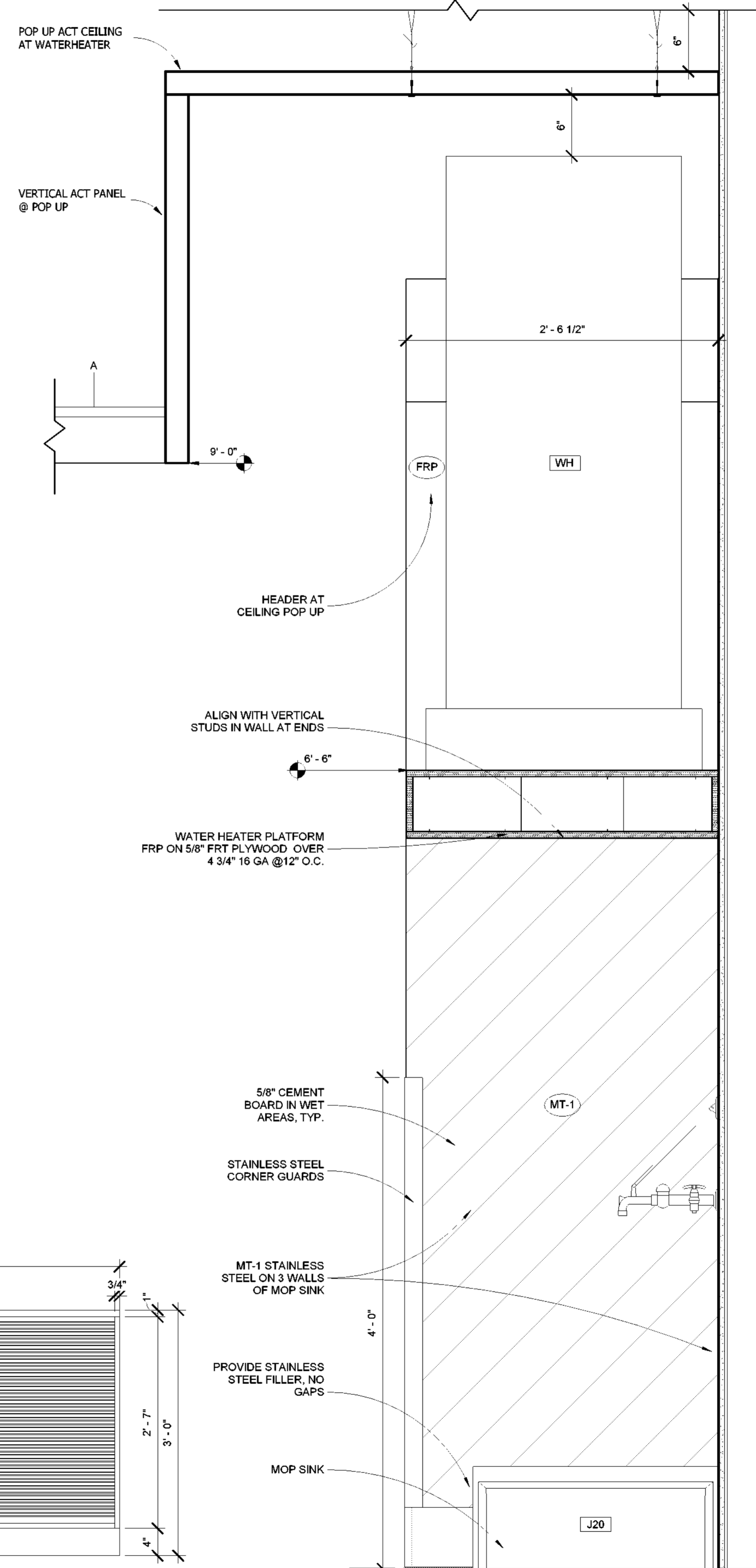
2 MW-4 MENU BOARD SHROUD (TYPICAL)
3" = 1'-0"



3 SECTION @ SERVICE HEADER
3" = 1'-0"



MERCHANDISE LOW WALL
1" = 1'-0"



1 SECTION @ MOP SINK
1 1/2" = 1'-0"

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DD **THE MARKET**

WILMINGTON INTERNATIONAL AIRPORT
1740 AIRPORT BLVD,
WILMINGTON, NC, 28405
BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	80% SUBMITTAL	06/23/2023

DETAILS

Project number: 2023-019
Date: 03-29-2023
Drawn by: AR
Checked by: BW

A5.0

Scale: As indicated

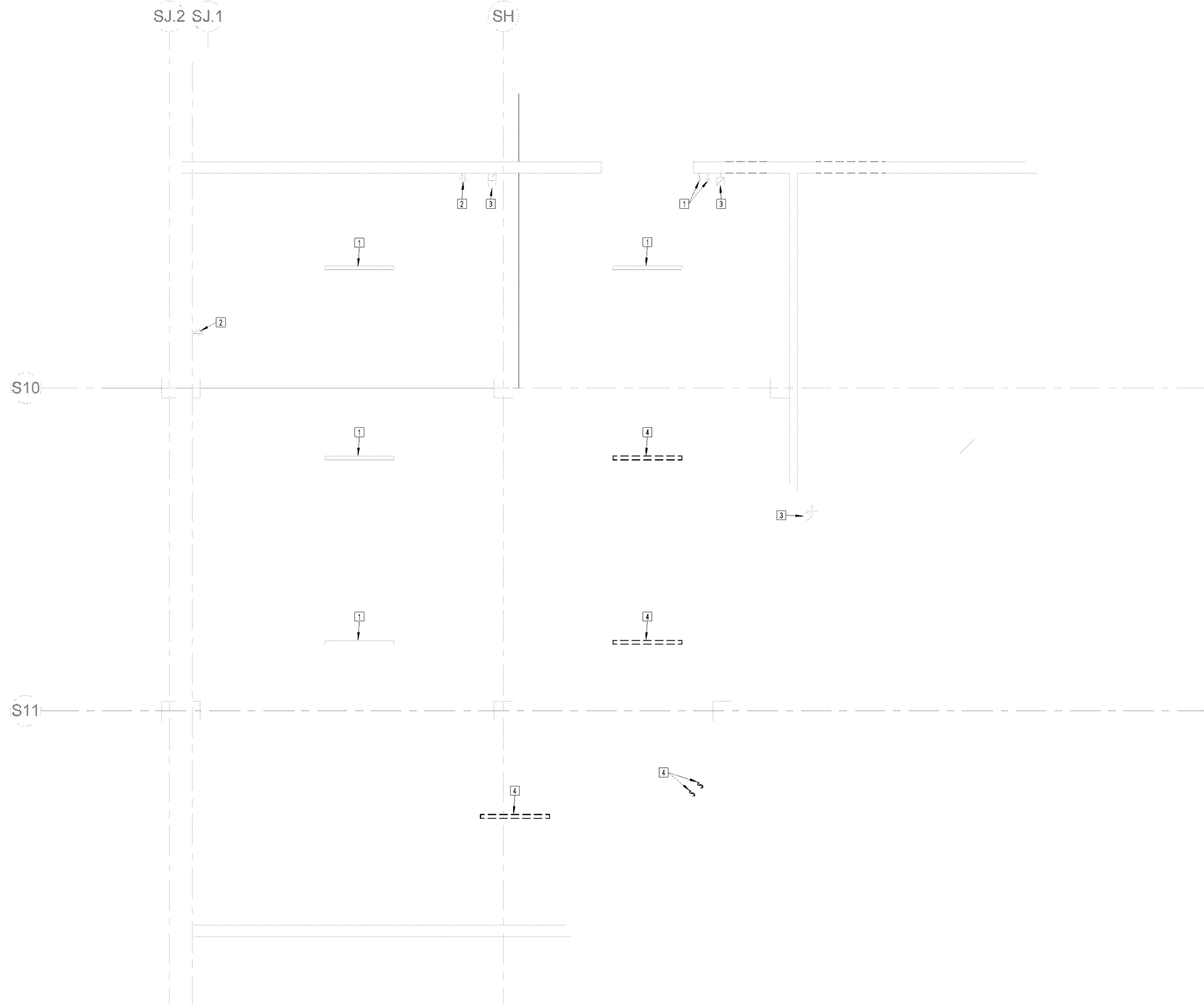
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GENERAL NOTES

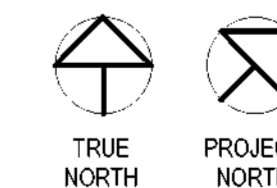
1. THE DEMOLITION DRAWING INDICATES THE GENERAL EXTENT OF WORK. THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL, MECHANICAL, PLUMBING DEVICES, PIPING, EQUIPMENT ETC NOT TO BE UTILIZED IN THE COMPLETED PROJECT. EQUIPMENT SHOWN IS FOR REFERENCE ONLY AND DOES NOT SHOW ALL ITEMS TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DEVICES, MATERIALS AND EQUIPMENT TO BE REMOVED.
2. ALL EXISTING ELECTRICAL DEVICES/EQUIPMENT AND LIGHT FIXTURES AND CONTROLS TO REMAIN UNLESS INDICATED OTHERWISE.
3. MAINTAIN/RESTORE ANY EXISTING CIRCUITS SERVING DEVICES TO REMAIN WHICH MAY BE ON THE SAME CIRCUIT AS DEVICE INDICATED TO BE REMOVED.
4. CONTRACTOR SHALL FIELD VERIFY BRANCH CIRCUIT SOURCE PANEL AND NUMBER OF ANY EXISTING TO REMAIN DEVICES AND FIXTURES PRIOR TO DEMOLITION.

PLAN NOTES:

1. EXISTING LIGHT FIXTURE/CONTROLS TO REMAIN. MAINTAIN EXISTING BRANCH CIRCUITRY AND CIRCUIT BREAKER(S).
2. EXISTING DEVICE TO REMAIN MAINTAIN EXISTING BRANCH CIRCUITRY AND CIRCUIT BREAKER(S).
3. EXISTING FIRE ALARM DEVICE TO REMAIN.
4. REMOVE EXISTING LIGHT FIXTURE/SWITCH. REMOVE ASSOCIATED WIRES AND CONDUITS BACK TO NEAREST J-BOX.



① RAMP LEVEL - DEMO PLAN - LIGHTING AND POWER
3/16" = 1'-0"



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BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	80% SUBMITTAL	06/23/2023

DEMOLITION POWER & LIGHTING PLAN - RAMP LEVEL

Project number	2023-019
Date	06-23-2023
Drawn by	Author
Checked by	LU

DE100
Scale As indicated

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PLAN NOTES:

1. EXISTING LIGHT FIXTURE TO REMAIN. INTERCEPT BRANCH CIRCUITRY AND PREPARE TO BE RECIRCUITED VIA NEW TENANT PANEL. SEE SHEET EL101 FOR ADDITIONAL INFORMATION.
2. EXISTING DEVICE TO REMAIN. MAINTAIN EXISTING BRANCH CIRCUITRY AND CIRCUIT BREAKER(S).
3. EXISTING FIRE ALARM DEVICE TO REMAIN.
4. REMOVE EXISTING LIGHT FIXTURE/SWITCH. REMOVE ASSOCIATED WIRES AND CONDUITS BACK TO NEAREST J-BOX.
5. REMOVE EXISTING DEVICE. REMOVE ASSOCIATED WIRES AND CONDUITS BACK TO NEAREST J-BOX.
6. EXISTING SPEAKER TO REMAIN. PROTECT DURING CONSTRUCTION.
7. REMOVE EXISTING SPEAKER. REMOVE ASSOCIATED CABLES AND CONDUITS BACK TO NEAREST J-BOX.

GENERAL NOTES

1. THE DEMOLITION DRAWING INDICATES THE GENERAL EXTENT OF WORK. THE CONTRACTOR SHALL REMOVE ALL ELECTRICAL, MECHANICAL, PLUMBING DEVICES, PIPING, EQUIPMENT ETC NOT TO BE UTILIZED IN THE COMPLETED PROJECT. EQUIPMENT SHOWN IS FOR REFERENCE ONLY AND DOES NOT SHOW ALL ITEMS TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DEVICES, MATERIALS AND EQUIPMENT TO BE REMOVED.
 2. ALL EXISTING ELECTRICAL DEVICES/EQUIPMENT AND LIGHT FIXTURES AND CONTROLS TO REMAIN UNLESS INDICATED OTHERWISE.
 3. MAINTAIN/RESTORE ANY EXISTING CIRCUITS SERVING DEVICES TO REMAIN WHICH MAY BE ON THE SAME CIRCUIT AS DEVICE INDICATED TO BE REMOVED.
- CONTRACTOR SHALL FIELD VERIFY BRANCH CIRCUIT SOURCE PANEL AND NUMBER OF ANY EXISTING TO REMAIN DEVICES AND FIXTURES PRIOR TO DEMOLITION.

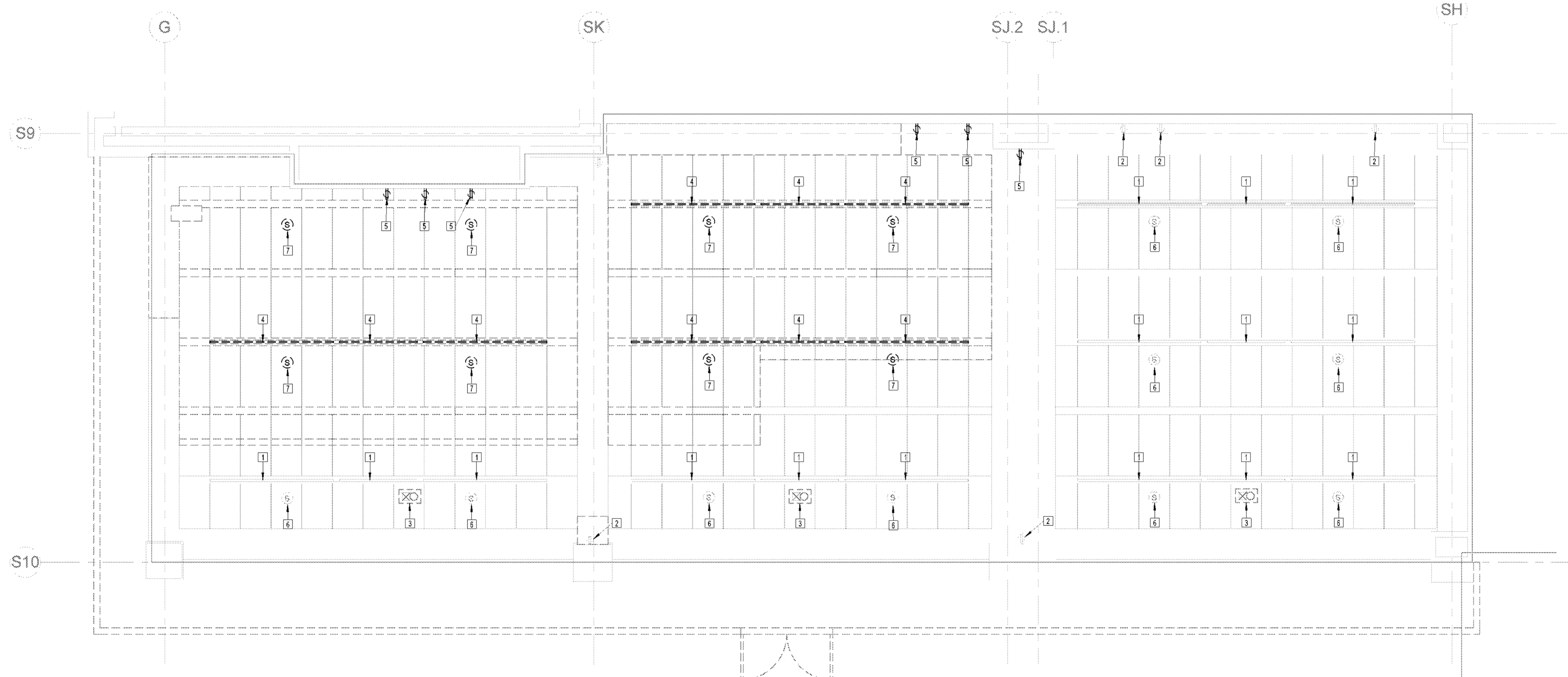


No.	Description	Date
1	80% SUBMITTAL	06/23/2023

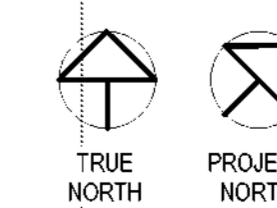
DEMOLITION POWER & LIGHTING PLAN - BOARDING LEVEL

Project number	2023-019
Date	06-23-2023
Drawn by	Author
Checked by	LU

DE101



BOARDING LEVEL - DEMO PLAN -
LIGHTING AND POWER
1/4" = 1'-0"



PLAN NOTES:

1. EXISTING SUPPLY DIFFUSER TO REMAIN.
2. EXISTING BLOWER COIL TO REMAIN. SEE BLOWER COIL SCHEDULE ON SHEET M600 FOR REBALANCING OF EQUIPMENT.
3. EXISTING RETURN GRILLE TO REMAIN.
4. REMOVE EXISTING SUPPLY DIFFUSER. REMOVE EXISTING FLEX DUCT AND DUCTWORK BACK TO MAIN TRUNK AS SHOWN.
5. REMOVE EXISTING RETURN GRILLE.
6. REMOVE AND RELOCATE EXISTING TEMPERATURE SENSOR. PREPARE EXISTING CONTROL WIRING TO BE REROUTED TO NEW LOCATION. SEE SHEET M101 FOR NEW LOCATION.

#

GENERAL NOTES

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2. CONTRACTOR SHALL FIELD VERIFY EXISTING DUCTWORK SIZES AND LOCATIONS PRIOR TO BEGINNING WORK.

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BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

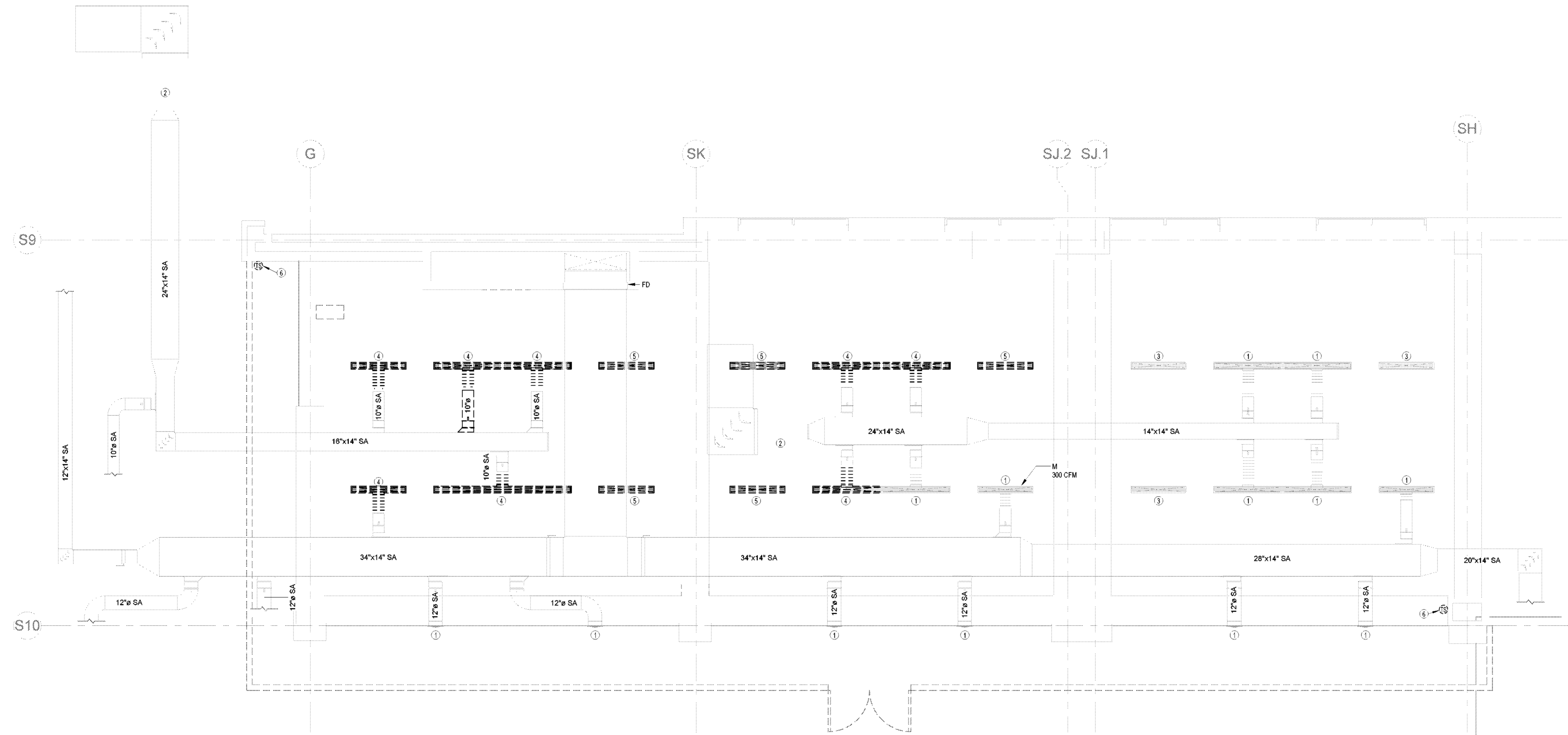
No.	Description	Date
1	60% SUBMITTAL	06/23/2023

**MECHANICAL
DEMOLITION PLAN -
BOARDING LEVEL**

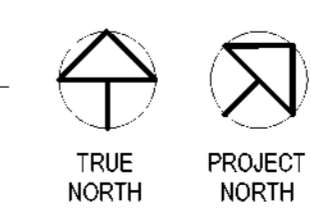
Project number 2023-019
Date 06-23-2023
Drawn by Author
Checked by LU

DM101

Scale 1/4" = 1'-0"



BOARDING LEVEL - DEMO FLOOR PLAN
- MECHANICAL
1/4" = 1'-0"



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LEGEND

FIRE ALARM

- FIRE DETECTION EQUIPMENT. DETECTOR TYPE: S=SMOKE, H=HEAT, F=FLAME.
- C=COMBINATION SMOKE/HEAT, CO=CO SENSOR
- D=DUCT MOUNTED - DUCT TYPE: "S"=SUPPLY PLENUM, "R"=RETURN PLENUM
- INTERCOM
- FIRE ALARM PULL STATION
- FIRE ALARM HORN - AUDIBLE ONLY
- FIRE ALARM HORN - AUDIBLE ONLY - CEILING MOUNTED
- FIRE ALARM - VISUAL ONLY
- CEILING MOUNTED FIRE ALARM - VISUAL ONLY
- FIRE ALARM - INTELLIGIBLE SPEAKER/VISUAL
- CEILING MOUNTED FIRE ALARM - AUDIBLE/VISUAL
- BELL
- WALL MOUNTED 2-WAY HORN
- CEILING MOUNTED 2-WAY HORN
- PUSH BUTTON CONTROL SWITCH
- MAGNETIC OR ELECTRICAL DOOR HOLDER
- CEILING MOUNTED SPEAKER
- WALL MOUNTED SPEAKER
- FIRE ALARM NOTE
- CONNECT TO EXISTING
- LIMIT OF DEMOLITION
- CONTINUATION

LIGHTING

- UPPER CASE LETTER INDICATES FIXTURE TYPE, LOWER CASE LETTER INDICATES SWITCHING DESIGNATION & UPPER CASE LETTER WITH NUMBER INDICATES CIRCUIT NUMBER
- A RECESSED OR PENDANT MOUNT LIGHT WITH FIXTURE MARK.
 - 32 a A LIGHT WITH FIXTURE MARK, WALL BRACKET
 - LS32 RECESSED OR PENDANT MOUNT LIGHT FIXTURE ON EMERGENCY POWER AS NOTED
 - C32 LIGHT WITH FIXTURE MARK, WALL BRACKET ON EMERGENCY POWER AS NOTED
 - 12x48 LIGHT FIXTURE
 - 12x48 LIGHT FIXTURE ON EMERGENCY POWER CIRCUITED SUCH THAT ONE LAMP ENERGIZES WHEN POWER IS LOST. PROVIDE EMERGENCY BATTERY BALLAST.
 - 12x48 LIGHT FIXTURE ON EMERGENCY POWER
 - 24x24 LIGHT FIXTURE
 - 24x24 LIGHT FIXTURE ON EMERGENCY POWER CIRCUITED SUCH THAT ONE LAMP ENERGIZES WHEN POWER IS LOST. PROVIDE EMERGENCY BATTERY BALLAST.
 - 24x24 LIGHT FIXTURE ON EMERGENCY POWER
 - 24x48 LIGHT FIXTURE
 - 12x48 LIGHT FIXTURE ON EMERGENCY POWER CIRCUITED SUCH THAT ONE LAMP ENERGIZES WHEN POWER IS LOST. PROVIDE EMERGENCY BATTERY BALLAST.
 - 24x48 LIGHT FIXTURE ON EMERGENCY POWER
 - UNDERCOUNTER STRIP LIGHT
 - TRACK LIGHT
 - EXIT LIGHT SHOWING SINGLE DIRECTION OF EGRESS AND FACE. PROVIDE EMERGENCY BATTERY BALLAST.
 - EXIT LIGHT SHOWING MULTIPLE DIRECTION OF EGRESS. PROVIDE EMERGENCY BATTERY BALLAST.
 - EXIT LIGHT, WALL MOUNTED, SHOWING MULTIPLE DIRECTION OF EGRESS. PROVIDE EMERGENCY BATTERY BALLAST.
 - EXIT LIGHT, BACK WALL MOUNTED, SINGLE FACE (PROVIDE EMERGENCY BATTERY.)
 - EXIT LIGHT, END WALL MOUNTED, SINGLE FACE, (ARROW INDICATES DIRECTION OF EGRESS. (PROVIDE EMERGENCY BATTERY.)
 - EXIT LIGHT, END WALL MOUNTED, DOUBLE FACE, ARROWS INDICATE DIRECTION OF EGRESS. (PROVIDE EMERGENCY BATTERY.)
 - EXIT LIGHT, CEILING MOUNTED, SINGLE FACE, ARROW INDICATES DIRECTION OF EGRESS. (PROVIDE EMERGENCY BATTERY.)
 - EXIT SIGN WITH EMERGENCY LIGHT
 - CEILING MOUNTED EMERGENCY LIGHT, LAMP ENERGIZES WHEN POWER IS LOST.
 - WALL MOUNTED EMERGENCY, LAMP ENERGIZES WHEN POWER IS LOST.
 - WALL SWITCH SINGLE POLE, CENTER 48" A.F.F.
 - WALL SWITCH THREE - WAY, CENTER 48" A.F.F.
 - WALL SWITCH WITH PILOT LIGHT, CENTER 48" A.F.F.
 - KEY OPERATED WALL SWITCH, CENTER 48" A.F.F.
 - DIMMER SWITCH, CENTER 48" A.F.F.
 - MOTOR RATED WALL SWITCH
 - COMBINATION OCCUPANCY SENSOR/SWITCH
 - OCCUPANCY SENSOR - CEILING MOUNTED
 - OCCUPANCY SENSOR - WALL MOUNTED
 - INDICATES LIGHTING FIXTURE SWITCHING SCHEME
 - NL NIGHT LIGHT - UNSWITCHED FOR 24-HOUR OPERATION AS NOTED
 - ?? LIGHTING NOTE
 - CONNECT TO EXISTING
 - LIMIT OF DEMOLITION
 - CONTINUATION

ELECTRICAL

- A DUPLEX GROUNDING TYPE RECEPTACLE CENTERED 4" ABOVE BACK SPLASH, COUNTER OR SURFACE. COORDINATE WITH ARCHITECTURAL CASEWORK DOCUMENTS.
- G DUPLEX GROUNDING TYPE RECEPTACLE, CENTER 18" A.F.F. UNLESS NOTED.
- G GROUND FAULT INTERRUPTING RECEPTACLE, CENTER 18" A.F.F. UNLESS NOTED.
- SPECIAL RECEPTACLE AS NOTED
- FLOOR MOUNTED COMBINATION DATA/POWER RECEPTACLE
- CEILING MOUNTED COMBINATION DATA/POWER RECEPTACLE
- DUPLEX GROUNDING TYPE RECEPTACLE ON EMERGENCY POWER, CENTER 18" A.F.F. UNLESS NOTED.
- SIMPLEX GROUNDING TYPE RECEPTACLE, CENTER 18" A.F.F. UNLESS NOTED.
- FLUSH FLOOR DUPLEX GROUNDING TYPE RECEPTACLE.
- DUPLEX RECEPTACLE ON ISOLATED GROUND, CENTER 18" A.F.F. UNLESS NOTED.
- QUADRUPLE GROUNDING TYPE RECEPTACLE, CENTER 18" A.F.F. UNLESS NOTED.
- QUADRUPLE GROUND FAULT INTERRUPTING RECEPTACLE, CENTER 18" A.F.F. UNLESS NOTED.
- GANG BOX
- GANG BOX ON ISOLATED GROUND
- DATA OUTLET, CENTER 18" A.F.F. UNLESS NOTED.
- TELEPHONE OUTLET, CENTER 18" A.F.F. UNLESS NOTED.
- DATA OUTLET, CENTER 18" A.F.F. UNLESS NOTED. PROVIDE (2) DATA DROPS UNLESS NOTED OTHERWISE IN PARANTHESES.
- FIRE DEPARTMENT EMERGENCY TELEPHONE OUTLET
- DATA OUTLET IN FLOOR BOX
- TELEPHONE OUTLET IN FLOOR BOX
- COMBINATION DATA/TELEPHONE OUTLET IN FLOOR BOX
- SPECIAL OUTLET IN FLOOR BOX
- FLOOR MOUNTED POWER POLE
- GROUND
- PANELBOARD, TOP 84" A.F.F.
- DISCONNECT SWITCH, SIZE AND TYPE AS NOTED IN DISCONNECT SWITCH SCHEDULE.
- MOTOR STARTER, SIZE AND TYPE AS NOTED.
- MOTOR STARTER/DISCONNECT SWITCH, SIZE AND TYPE AS NOTED.
- ELECTRIC THERMOSTAT/CONTROL, EQUIPMENT CONNECTION AS REQUIRED, CENTER 48" A.F.F.
- TRANSFORMER
- WALL MOUNTED TELEVISION SINGLE GANG BOX. PROVIDE WITH 3/4" CONDUIT TO ACCESSIBLE LOCATION ABOVE CEILING.
- CEILING MOUNTED JUNCTION BOX
- FLOOR MOUNTED JUNCTION BOX
- WALL MOUNTED JUNCTION BOX
- MOTOR SWITCH
- MOTOR
- DESK MOUNTED PUSH BUTTON CONTROL SWITCH
- PUSH BUTTON CONTROL SWITCH
- MAGNETIC OR ELECTRICAL DOOR HOLDER
- CARD READER
- POWER PACK
- PHOTOCCELL
- CLOSED CIRCUIT TV
- MULTI - OUTLET ASSEMBLY WITH OUTLETS 12" ON CENTER (SINGLE OR DOUBLE CIRCUIT AS INDICATED ON DRAWINGS), ABOVE COUNTER
- HOME RUN TO PANEL, ANY CIRCUIT WITHOUT FURTHER DESIGNATION INDICATES A 2-#12 WIRE CIRCUIT WITH GROUND. A GREATER NUMBER OF WIRES IS INDICATED AS FOLLOWS: 3-#12 WIRES WITH GROUND, 4-#12 WIRES WITH GROUND, CONDUIT SIZE PER N.E.C. IF HOME RUN IS ANNOTATED, SEE FEEDER AND BRANCH CIRCUIT SCHEDULE FOR SIZE.
- WP WEATHER-PROOF
- ?? ELECTRICAL NOTE
- CONNECT TO EXISTING
- LIMIT OF DEMOLITION
- CONTINUATION

GENERAL ANNOTATION ABBREVIATIONS

- MEP MECHANICAL, ELECTRICAL, PLUMBING
- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE

LEGEND

MECHANICAL

- CHWS CHILLED WATER SUPPLY
- CHWR CHILLED WATER RETURN
- HHWS HEATING HOT WATER SUPPLY
- HHWR HEATING HOT WATER RETURN
- RL REFRIGERANT LIQUID
- RS REFRIGERANT SUCTION
- RDG REFRIGERANT DISCHARGE GAS
- LPC LOW PRESSURE CONDENSATE
- HPC HIGH PRESSURE CONDENSATE
- MPC MEDIUM PRESSURE
- LPS CONDENSATE
- HPS LOW PRESSURE STEAM
- MPS HIGH PRESSURE STEAM
- MECHANICAL ABBREVIATIONS
- EA EXHAUST AIR
- FA RELIEF AIR
- OA OUTSIDE AIR
- RA RETURN AIR
- SA SUPPLY AIR
- SLOT DIFFUSER
- SPIN-IN WITH DAMPER IN NECK
- AIR FLOW DIRECTION
- RETURN GRILLE/DUCT
- SUPPLY DIFFUSER/DUCT
- EXHAUST GRILLE/DUCT
- MANUAL VOLUME DAMPER
- BACKDRAFT DAMPER
- FIRE DAMPER
- FIRE/SMOKE DAMPER
- MOTORIZED DAMPER
- THERMOSTAT
- HUMIDISTAT
- BALL VALVE
- GLOBE VALVE
- CHECK VALVE
- BUTTERFLY VALVE
- BALANCING VALVE
- ELECTRICALLY ACTIVATED VALVE
- PRESSURE REDUCING VALVE
- PRESSURE RELIEF VALVE
- COOLING TOWER HAT/BALANCE VALVE
- TEMPERATURE INDICATOR
- PRESSURE INDICATOR
- PETE'S PLUG
- MANUAL AIR VENT
- ELBOW DOWN
- ELBOW UP
- FLEXIBLE PIPE CONNECTION
- SUCTION DIFFUSER
- STRAINER
- EQUIPMENT TYPE
- EQUIPMENT ID
- TERMINAL DEVICE ID
- NECK SIZE
- DESIGN AIRFLOW (CFM)
- MECHANICAL NOTE
- CONNECT TO EXISTING
- LIMIT OF DEMOLITION
- CONTINUATION

LEGEND

PLUMBING

- CW DOMESTIC COLD WATER
- FCW FILTERED COLD WATER
- SCW SOFTENED COLD WATER
- HW DOMESTIC HOT WATER
- HWR HOT WATER RECIRCULATION
- THW TEMPERED HOT WATER
- THWR TEMPERED HOT WATER RECIRCULATION
- V SANITARY VENT
- VBG SANITARY VENT BELOW GRADE
- S SANITARY
- SW SANITARY WASTE
- GW GREASE WASTE
- CA COMPRESSED AIR
- CD CONDENSATE DRAIN
- NG NATURAL GAS
- LPG LIQUEFIED PETROLEUM GAS
- SD STORM DRAIN
- OSD OVERFLOW STORM DRAIN
- SD STORM DRAIN BELOW GRADE
- NPW NON-POTABLE WATER
- SP SUMP PUMP DISCHARGE OR SEWAGE PUMP DISCHARGE
- NG NATURAL GAS ON ROOF
- PIPING TO BE DEMOLISHED
- PLUMBING ABBREVIATIONS:
- N.O. NORMALLY OPEN
- N.C. NORMALLY CLOSED
- F.O. FAIL OPEN
- F.C. FAIL CLOSE
- IW INDIRECT WASTE
- FLOOR OR EXTERIOR CLEAN OUT
- CLEAN OUT
- WALL CLEAN OUT
- FLOOR DRAIN
- FLOOR SINK
- HOSE BIBB
- WALL HYDRANT
- VENT THROUGH ROOF
- BACKFLOW PREVENTER
- STRAINER
- BALL VALVE
- CHECK VALVE
- GATE VALVE
- PLUG VALVE
- ELECTRICALLY ACTIVATED VALVE
- PRESSURE REDUCING VALVE
- FLOW CONTROL VALVE
- PUMP
- WATER METER
- EXPANSION JOINT
- ANCHOR
- FLOW ARROW
- PIPE REDUCTION
- WATER HAMMER ARRESTOR
- TEMPERATURE INDICATOR
- PRESSURE INDICATOR
- PETE'S PLUG
- VACUUM RELIEF VALVE
- ELBOW DOWN
- TEE UP
- FLEXIBLE PIPE CONNECTION
- PLUMBING FIXTURE TAG
- DETAIL NUMBER
- DETAIL TAG
- SHEET DETAIL IS ON
- PLUMBING NOTE
- CONNECT TO EXISTING
- LIMIT OF DEMOLITION
- CONTINUATION

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WILMINGTON INTERNATIONAL AIRPORT
1740 AIRPORT BLVD,
WILMINGTON, NC, 28405
BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	80% SUBMITTAL	06/23/2023

MEP LEGENDS AND SYMBOLS

Project number	2023-019
Date	06-23-2023
Drawn by	Author
Checked by	LU

MEP000

Scale 12" = 1'-0"

PLAN NOTES:

1. PROVIDE 30-AMP, 208V, 2-POLE, NON-FUSIBLE DISCONNECT SWITCH IN NEMA-3R ENCLOSURE FOR WALK-IN COOLER CONDENSER. INSTALL WITHIN 5-FT. OF EQUIPMENT. VERIFY LOCATIONS WITH KITCHEN EQUIPMENT SUPPLIER.
2. PROVIDE 120V CONNECTION TO INTEGRAL DISCONNECT SWITCH FOR EXHAUST FAN.

PLAN NOTES:

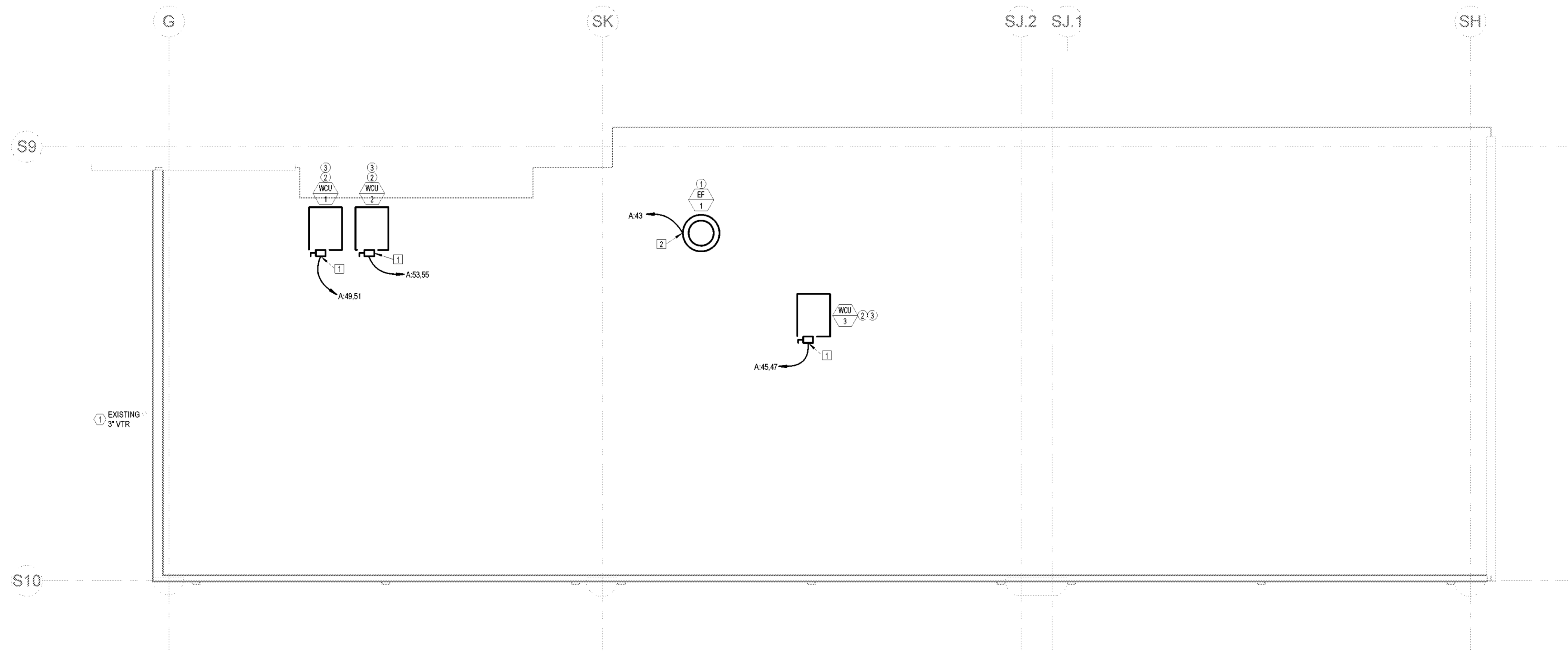
1. EXISTING VENT THROUGH ROOF TO REMAIN. PROTECT DURING CONSTRUCTION.

PLAN NOTES:

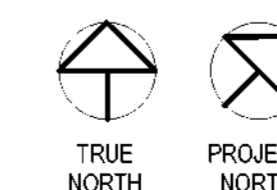
1. INSTALL EXHAUST FAN ON LEVEL ROOF CURB. SEE DETAIL 7M500 EXHAUST FAN DETAIL.
2. PLACE CONDENSING UNIT LEVEL ON EQUIPMENT RAILS. INSTALL PER MANUFACTURER'S REQUIREMENTS. SEE DETAIL 2M500. COORDINATE WITH KITCHEN EQUIPMENT CONSULTANT AND STRUCTURAL ENGINEER.
3. PROVIDE AND INSTALL REFRIGERANT PIPING SUPPORTS PER DETAIL 3M500. ROUTE REFRIGERANT PIPING DOWN TO ASSOCIATED EVAPORATOR OR COIL. CONTRACTOR SHALL FIELD DETERMINE BEST ROUTING. SEE DETAIL 4M500 FOR TYPICAL REFRIGERANT PIPE PENETRATION DETAIL.

GENERAL NOTES

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- COORDINATE WITH JOIST LOCATIONS BEFORE CREATING NEW PENETRATIONS IN ROOF. PROVIDE STRUCTURAL FRAMING AROUND ALL NEW ROOF PENETRATIONS PER STRUCTURAL.
- CONTRACTOR SHALL ENSURE ALL INTAKES ON ROOFTOP UNITS AND MAKE-UP AIR UNITS ARE A MINIMUM OF 10'-0" AWAY FROM EXHAUST FANS AND PLUMBING VENTS.



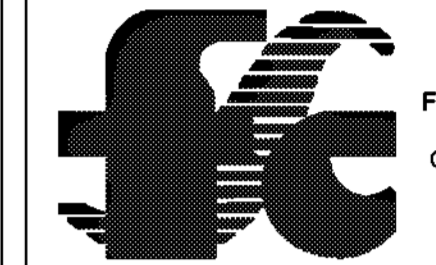
1 MEP NEW WORK ROOF PLAN
1/4" = 1'-0"



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BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	60% SUBMITTAL	06/23/2023

MEP ROOF PLAN

Project number 2023-019
Date 06-23-2023
Drawn by Author
Checked by LU

MEP100

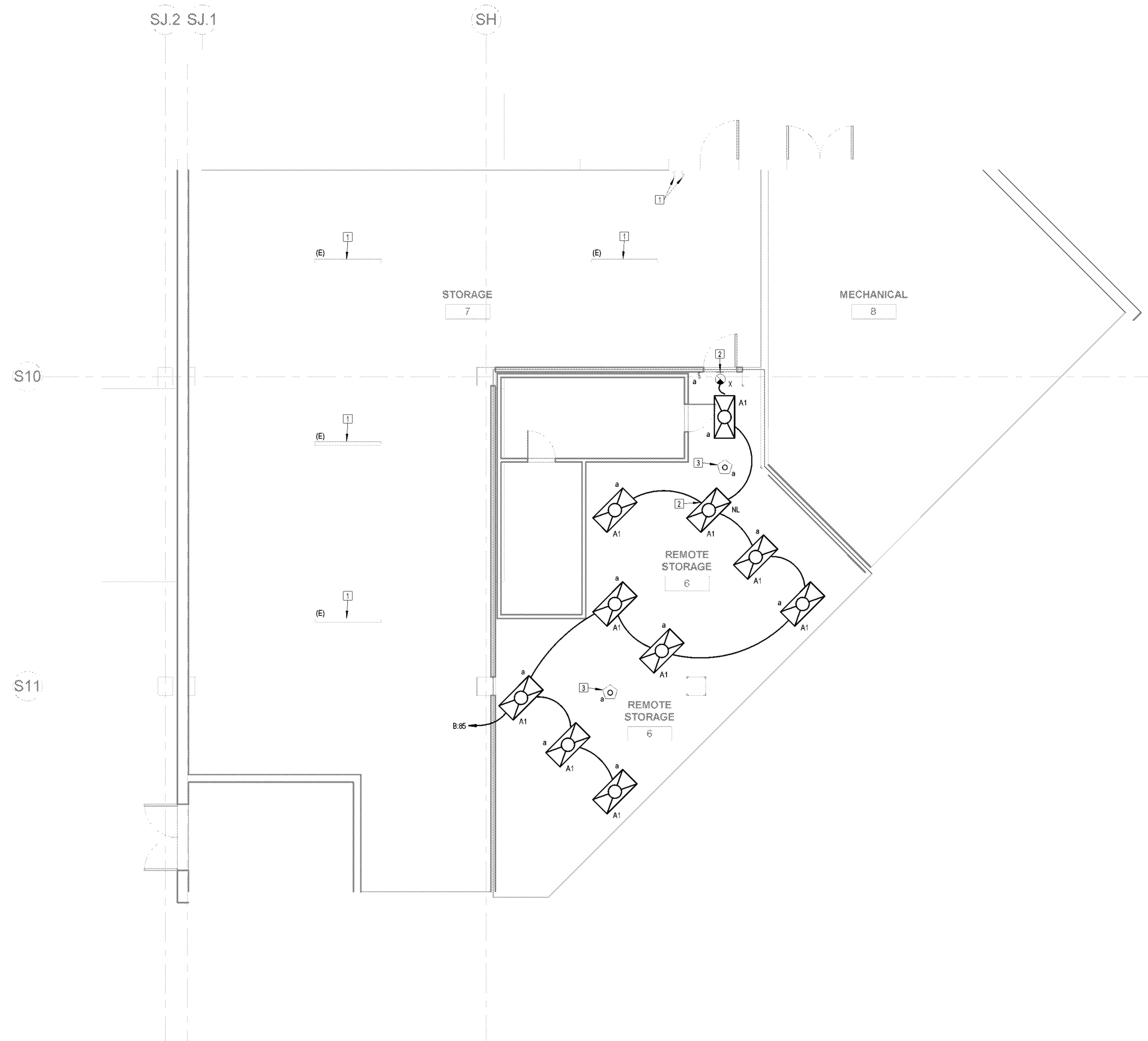
Scale 1/4" = 1'-0"

GENERAL NOTES

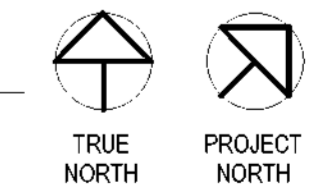
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- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LIGHT FIXTURE LOCATIONS, DIMENSIONS, AND HEIGHTS.
- ALL EXIT SIGNS AND EMERGENCY FIXTURES SHALL BE CONNECTED TO THE UN-SWITCHED "HOT" LEG OF LIGHTING CIRCUIT.

PLAN NOTES:

- EXISTING LIGHT FIXTURE/CONTROLS TO REMAIN. MAINTAIN EXISTING BRANCH CIRCUITRY AND CIRCUIT BREAKER(S).
- CONNECT LIGHT FIXTURE TO UNSWITCHED CIRCUIT.
- PROVIDE DUAL TECHNOLOGY, CEILING-MOUNTED OCCUPANCY SENSOR TO CONTROL FIXTURES IN THE REMOTE STORAGE SPACE.



① RAMP LEVEL - NEW WORK PLAN - LIGHTING
3/16" = 1'-0"



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DD **THE MARKET**
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SPACE: A, B, AND C

No.	Description	Date
1	80% SUBMITTAL	06/23/2023

LIGHTING FLOOR PLAN -RAMP LEVEL

Project number 2023-019
Date 06-23-2023
Drawn by Author
Checked by Checker

EL100

Scale As indicated

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PLAN NOTES:

- EXISTING LIGHT FIXTURE TO REMAIN. INTERCEPT BRANCH CIRCUITRY AND RECIRCUIT VIA NEW TENANT PANEL AS NOTED.
- CIRCUIT NOTED SWITCH LEGS IN BRANCH CIRCUIT THROUGH LIGHTING CONTROL PANEL FOR AUTOMATIC ON/OFF CONTROL OF LIGHTING DURING BUSINESS HOURS.
- CONNECT LIGHT FIXTURE TO UNSWITCHED CIRCUIT.
- SEE LIGHTING CONTROL PANEL SCHEDULE ON SHEET E601 FOR ADDITIONAL INFORMATION.

#

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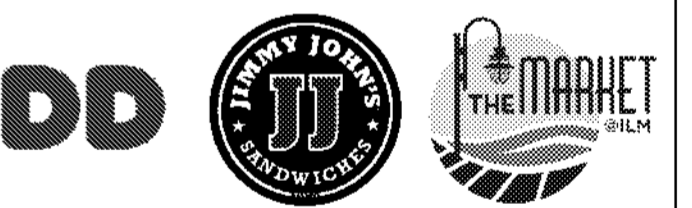
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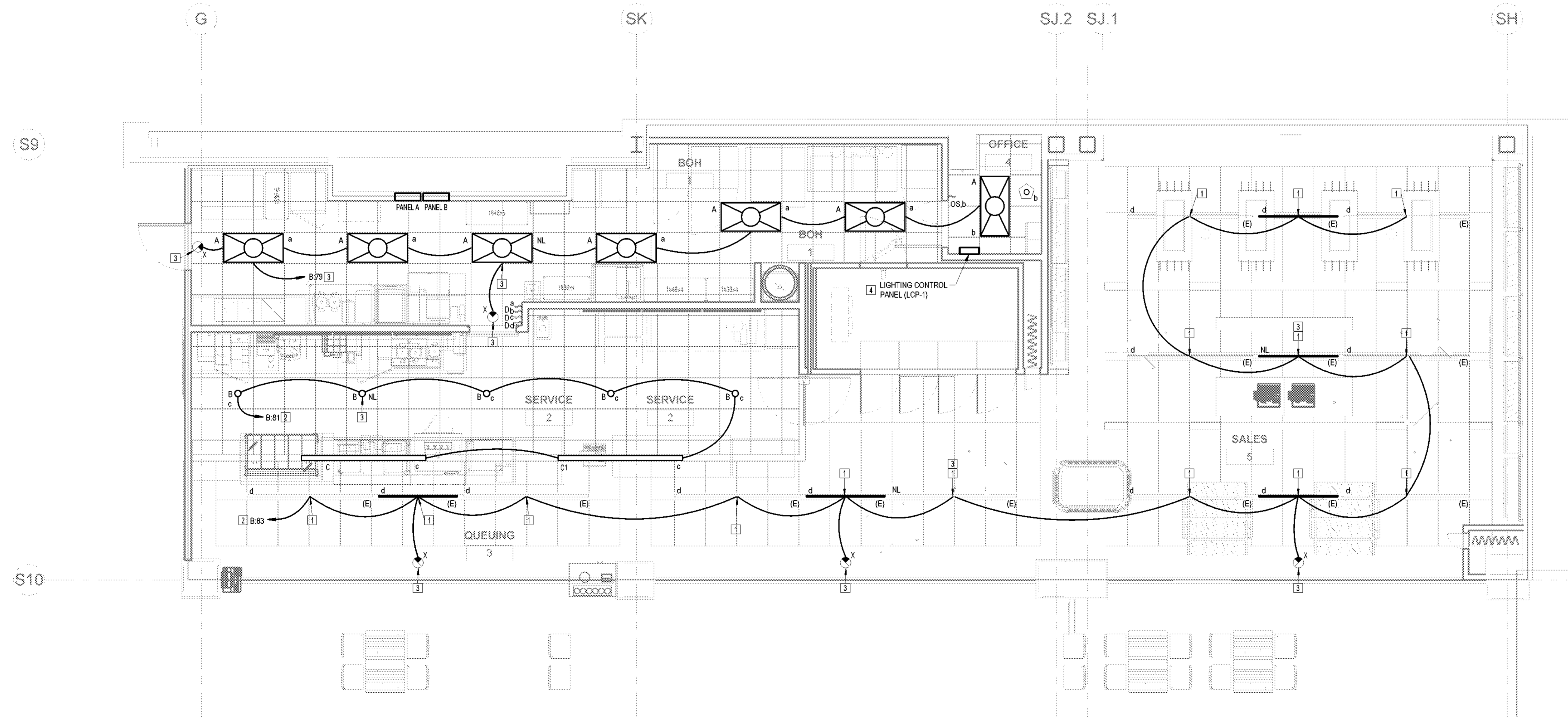
No.	Description	Date
1	80% SUBMITTAL	06/23/2023

LIGHTING FLOOR PLAN - BOARDING LEVEL

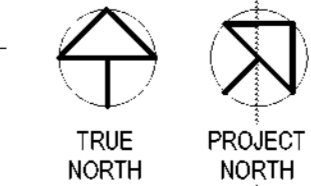
Project number 2023-019
Date 06-23-2023
Drawn by Author
Checked by Checker

EL101

Scale 1/4" = 1'-0"



BOARDING LEVEL - NEW WORK PLAN -
1 LIGHTING
1/4" = 1'-0"



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SPACE: A, B, AND C

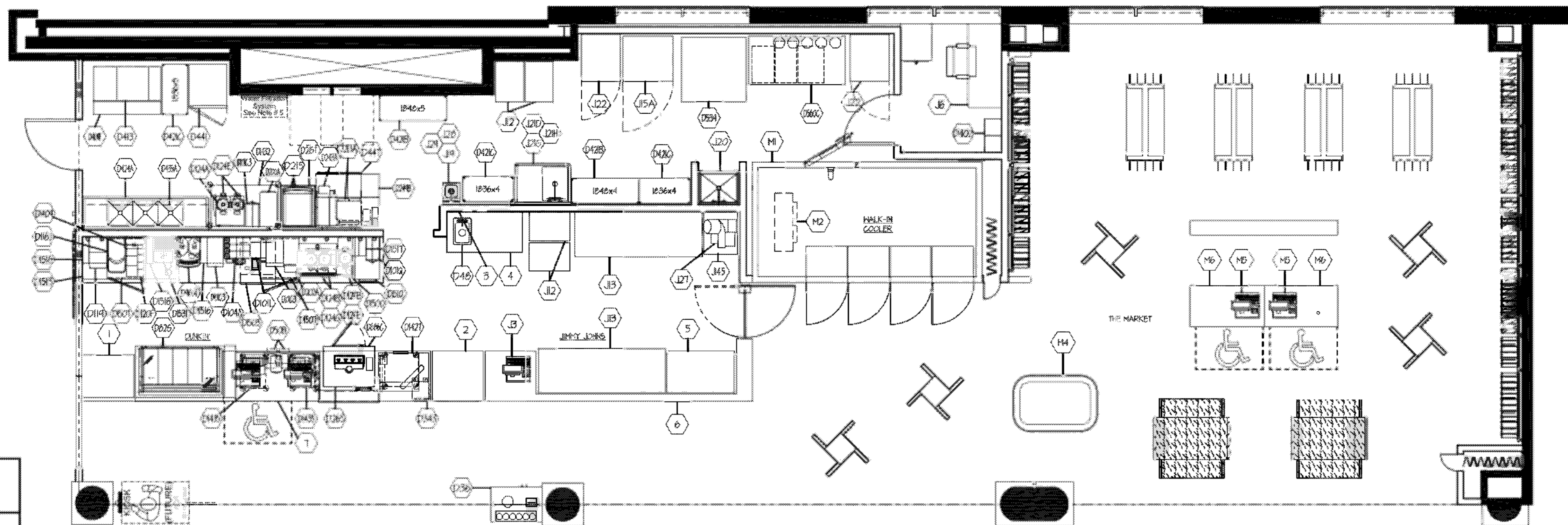
No	Description	Date
1	60% SUBMITTAL	06/23/2023

EQUIPMENT PLAN

Project number 2023-019
Date 03-29-2023
Drawn by AR
Checked by BW

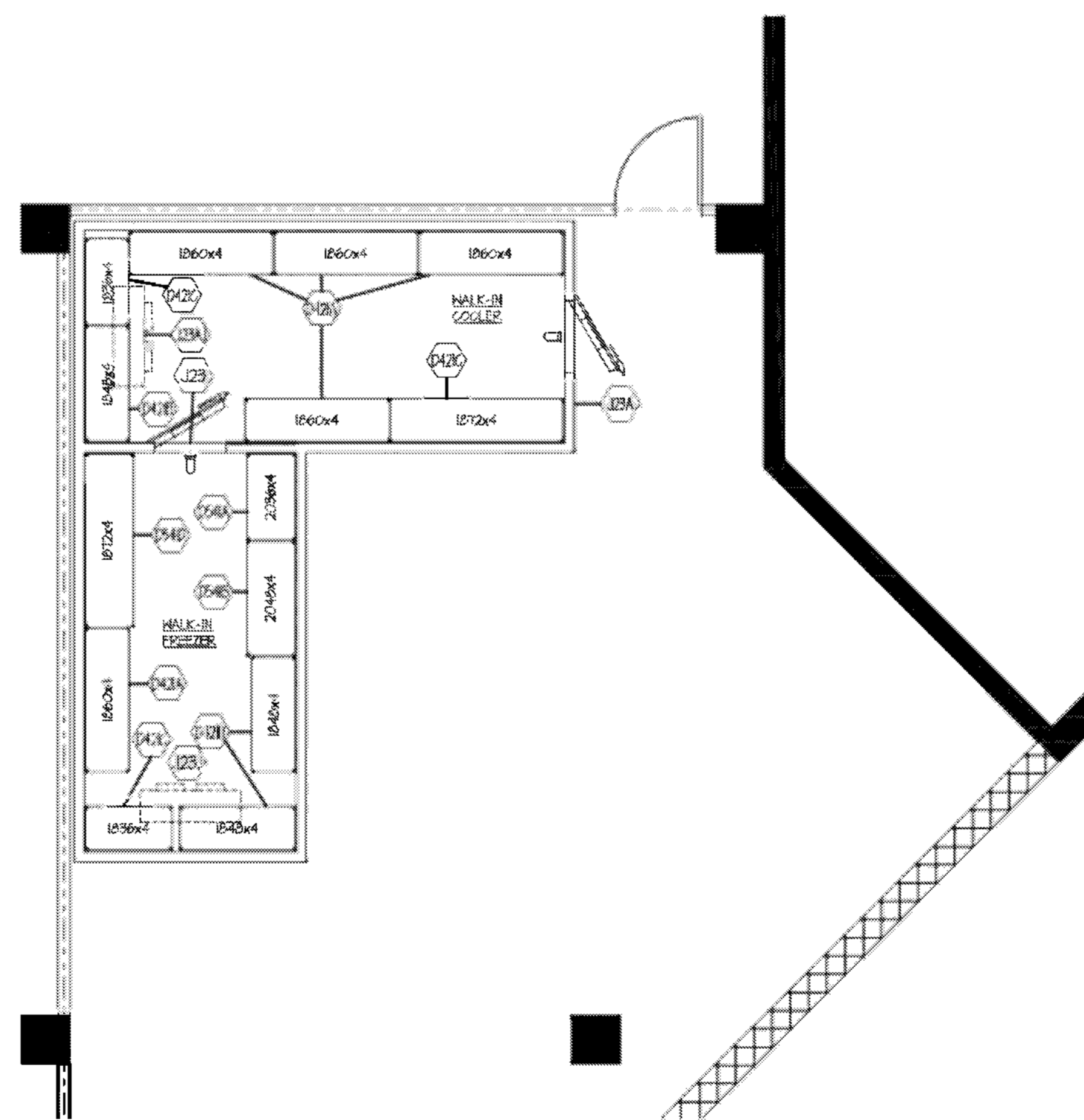
FS-1

Scale 1/4" = 1'-0"



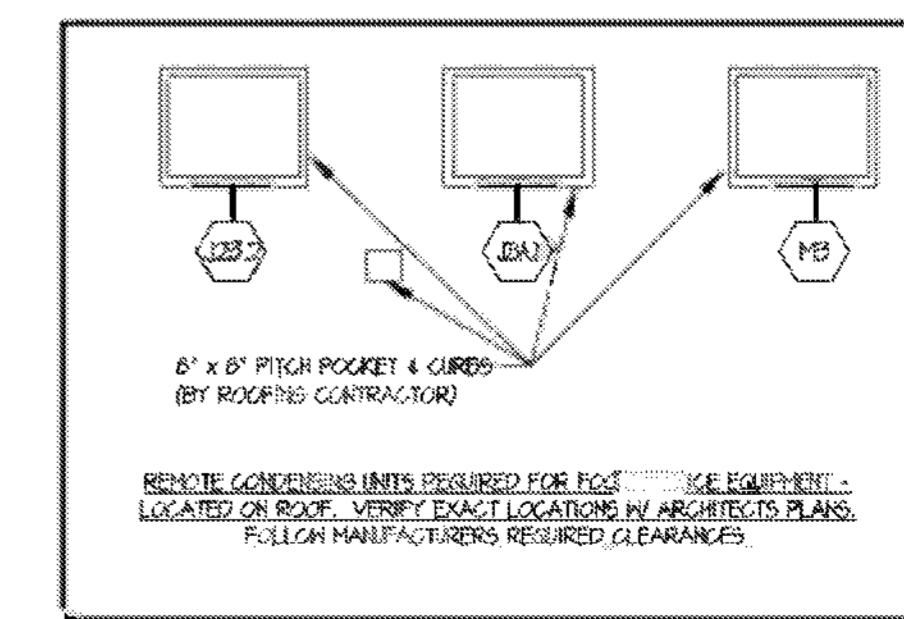
EQUIPMENT PLAN

SCALE: 1/4" = 1'-0"



EQUIPMENT PLAN - STORAGE ROOM

SCALE: 1/4" = 1'-0"



DUNKIN DONUTS EQUIPMENT SCHEDULE (BY OTHERS)

No	Equipment Category
D86	CONDIMENT COUNTER
D48	HAND SINK
D808	TRASH RECEPTACLE
D826	BAKERY CASE
D464	ESPRESSO/CAPPUCINO MACHINE
D1013	CREAM DISPENSER
D1011	SWEETNER DISPENSER
D1012	COFFEE GRINDER
D104A	PUMP STATION
D161	FROZEN BEVERAGE DISPENSER
D111	HOT CHOCOLATE DISPENSER
D120F	UNDERCOUNTER REFRIGERATOR
D124A	DOUBLE COFFEE BREWER
D124B	THERMAL SERVER
D124E	COFFEE BREWER
D124G	BEVERAGE DISPENSER STAND
D200A	DICED COFFEE BREWER
D202A	SINGER-SERVE COFFEE / TEA BREWER
D213A	MODULAR HOLDING CABINETS
D215	RAPID COOK OVEN
D215T	CART
D243A	TOASTER
D244B	EXPEDITE TABLE
D265	4 TAP BEVERAGE DISPENSER
D343	PICK UP COUNTER
D402	LOCKERS
D404P	ICE BIN
D413	ICE MAKER W/ WATER FILTER
D421A	STORAGE SHELVING
D421B	STORAGE SHELVING
D421C	STORAGE SHELVING
D421L	STORAGE SHELVING
D424A(B)	COMPARTMENT SINK
D435A	WALL SHELVING
D441	REACH-IN REFRIGERATOR
D44T	ASSEMBLY STATION W/ OVERSHELF
D534	VENTLESS CONVECTION OVEN
D541A	STORAGE SHELVING
D541B	STORAGE SHELVING
D541D	STORAGE SHELVING
D560C	WORKTABLE W/ OVERSHELF
D806C	MIXER CUP STATION
D1404	PUMP & POWER RACK
D142T	ON THE GO CART
D143	MOBILE WORK TABLE
D1435	MOBILE CART
D1500	COFFEE TABLE
D1503	W/ ICE BIN
D1507	S/S TOP REFRIGERATOR
D1510	TRASH / COMPOST
D1513	MOBILE TABLE
D1516	LID HOLDER
D1517	LID HOLDER
D1531	PUMP SINK

JIMMY JOHNS EQUIPMENT SCHEDULE

Item No	Equipment Category
J3	POS SYSTEM (BY OTHERS)
J6	DESK
J12	BREAD RACK
J13	REFRIGERATED PREP TABLE
J14.5	WORK TABLE
J15A	OVEN/READ PROOFER
J19	HAND SINK
J20	MOP SINK
J21D	PREP SINK
J215	PRE-RINSE FAUCET
J21H	FAUCET
J22	REACH-IN REFRIGERATOR
J23	WALK-IN FREEZER
J23.1	FREEZER EVAPORATOR COIL
J23.2	FREEZER CONDENSING UNIT
J23A	WALK-IN COOLER
J23A.1	COOLER EVAPORATOR COIL
J23A.2	COOLER CONDENSING UNIT
J27	SLICER
J28	TOWEL DISPENSER
J29	SOAP DISPENSER

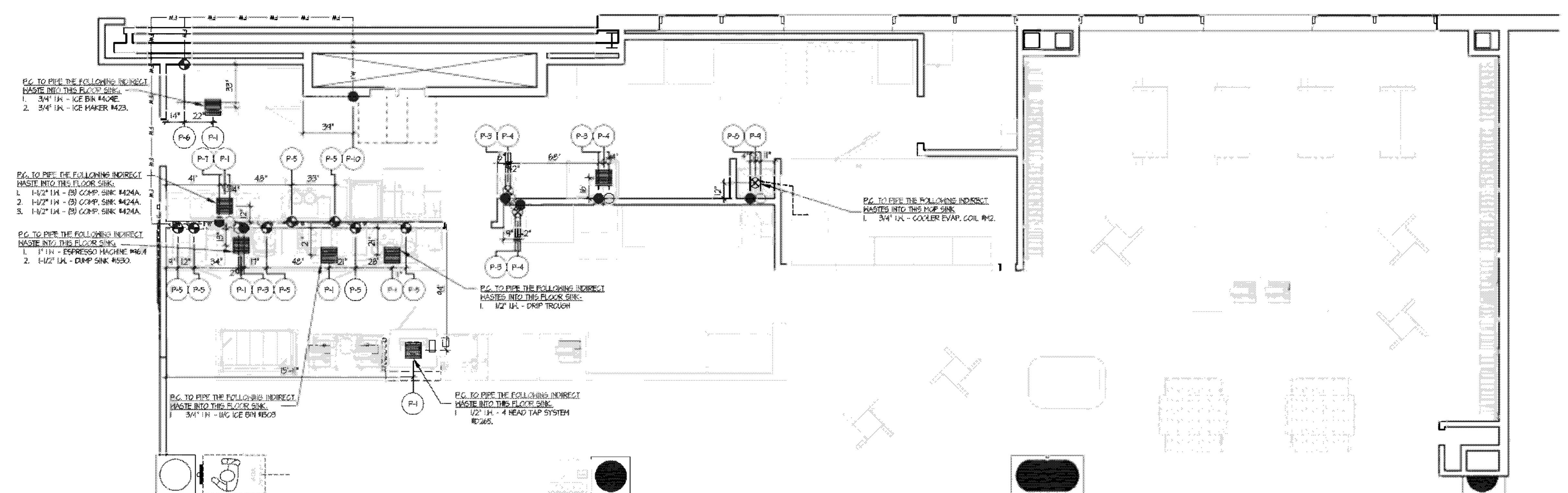
THE MARKET EQUIPMENT SCHEDULE

Item No	Equipment Category
M1	WALK-IN BEVERAGE COOLER
M2	COOLER EVAPORATOR COIL
M3	COOLER CONDENSING UNIT
M4	REFRIGERATED DISPLAY ISLAND CASE
M5	POS SYSTEM (BY OTHERS)
M6	MILLWORK COUNTER (BY OTHERS)

EQUIPMENT SCHEDULE

Item No	Equipment Category
1	PEPSI GRAB-N-GO (BY OTHERS)
2	COKE GRAB-N-GO (BY OTHERS)
3	SOAP & PAPER TOWEL DISPENSER (BY OTHERS)
4	S/S TABLE
5	S/S TABLE
6	MILLWORK COUNTER (BY OTHERS)
7	MILLWORK COUNTER (BY OTHERS)

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LEGEND	
CHB	CHILLED WATER SUPPLY
CH	COLD WATER
CR	CONDENSATE RETURN
C	CONDUIT
DS	DISCONNECT SWITCH
DR	DUPLEX RECEPTACLE
FW	FILTERED WATER
FD	FLOOR DRAIN
FS	FLOOR SINK
G	GAS
HW	HOT WATER
JB	JUNCTION BOX
SR	SINGLE RECEPTACLE
SO	SPECIAL OUTLET
S	STEAM
SH	STEAM
W	WASTE PIPE
A	AMP
APG	ABOVE FINISHED CEILING
APF	ABOVE FINISHED FLOOR
AWL	AT WALL LINE
DFA	DOWN FROM ABOVE
HP	HORSE POWER
IN	IN HALL
KH	KILOWATT
OOH	OUT OF HALL
SU	STUB UP
LOH	LENGTH OF HALL

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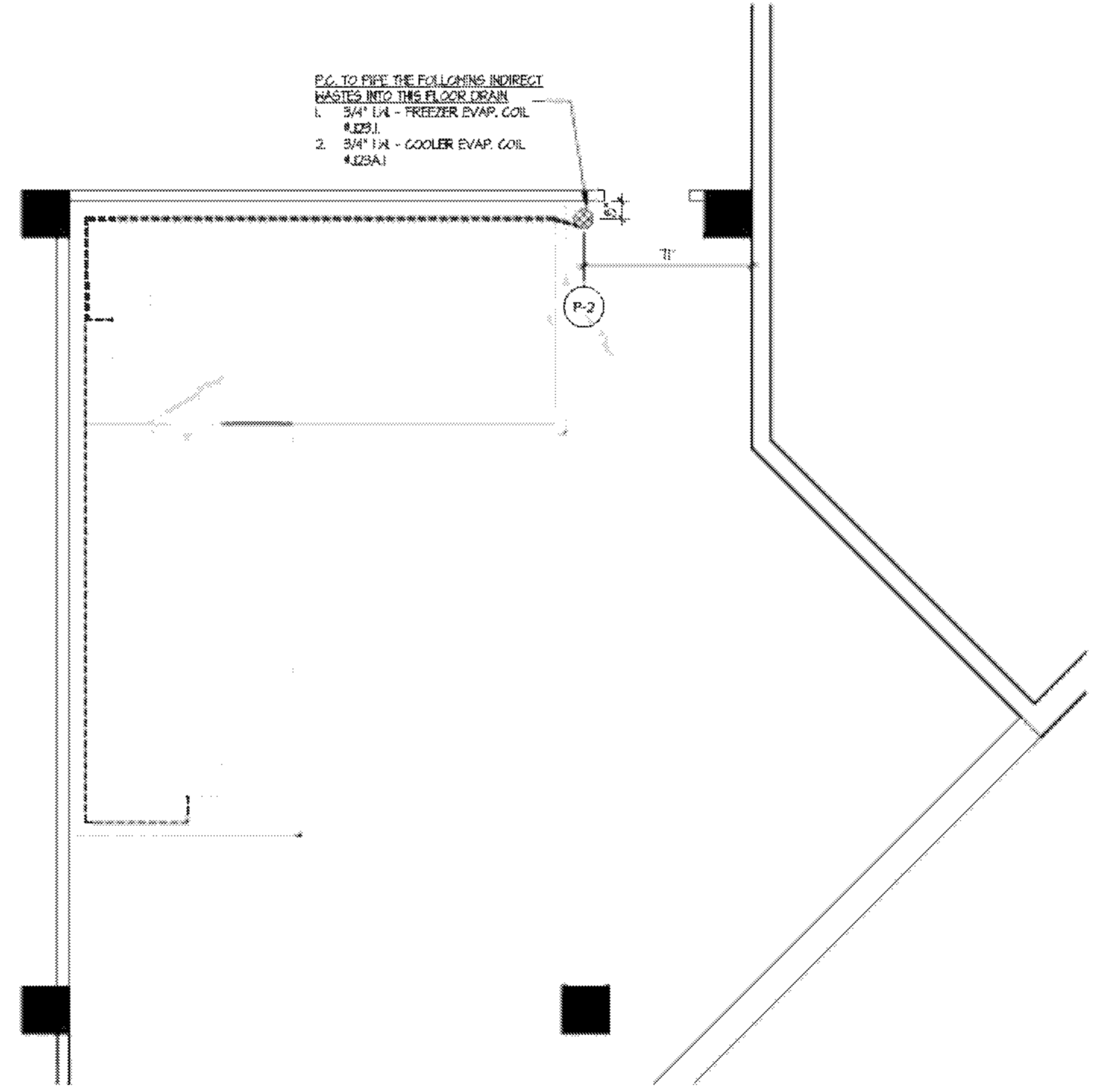
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EQUIPMENT PLAN
SCALE: 1/4" = 1'-0"

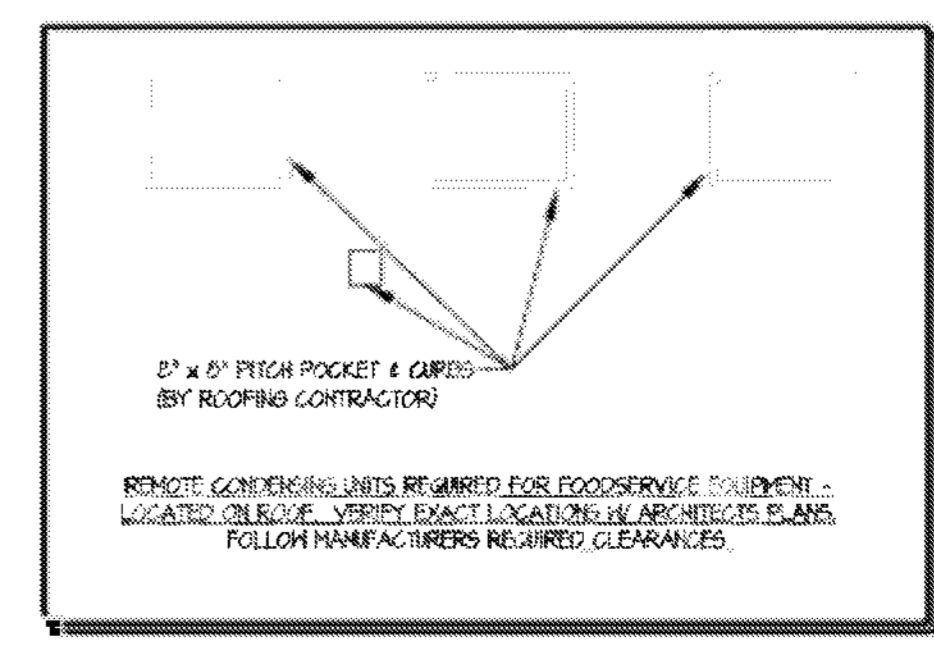
CONNECTION NUMBER	DESCRIPTION
P-1	FLOOR SINK
P-2	FLOOR DRAIN
P-3	1/2" FN 1/2" GA 22" AFF OOH - HAND SINK #048 & RJR & DUMP SINK #151
P-4	1/2" FN 1/2" GA 24" AFF OOH - HAND SINK #048 & RJR
P-5	1/2" FN 42" AFF OOH - ESPRESSO MACHINE #164, FROZEN BEVERAGE DISPENSER #163, HOT CHOCOLATE DISPENSER #164, DOUBLE COFFEE BREWER #124A, COFFEE BREWER #124B, ICED COFFEE BREWER #0200A, & SINGLE SERVE COFFEE / TEA BREWER #0202
P-6	1/2" FN 12" AFF OOH - ICE MAKER #0423
P-7	1/2" FN 12" GA 10" AFF OOH - THREE COMPARTMENT SINK #0424A & FREEP SINK #424B
P-8	1/2" FN 1/2" GA 36" AFF OOH (P.C. TO LEAVE SINK ELLS IN HALL) - HOP SINK #150
P-9	3" H 4" AFF SU - HOP SINK #150
P-10	3/4" CH 1/2" AFF OOH (P.C. TO PIPE OUT TO THE FIN TO EQUIPMENT SINKS) - WATER FILTRATION SYSTEM

PLUMBING NOTES

- ALL OUTLETS AND CONNECTIONS SHOWN ON THIS DRAWING RELATE TO FOODSERVICE EQUIPMENT ONLY. FOR ANY ADDITIONAL PLUMBING REQUIREMENTS, REFER TO ARCH / EHS DRAWINGS.
- THIS PLUMBING ROUGH-IN DRAWING IS INTENDED TO SHOW ALL ROUGH-IN LOCATIONS AND HEIGHTS, CONNECTION SIZES, AND LOAD REQUIREMENTS. ALL DIMENSIONS ARE SHOWN FROM THE FINISHED FLOOR AND FINISHED WALLS. ALL WALL LOCATIONS SHOULD BE VERIFIED WITH ARCHITECTURAL DRAWINGS.
- ALL FINAL CONNECTIONS TO ALL EQUIPMENT SHALL BE BY THE PLUMBING CONTRACTOR (P.C.). ALL REQUIRED MATERIAL (STOPS, VALVES, FILTERS, TRAPS, CHECK VALVES, PIPING, TUBING, ETC.) REQUIRED TO ACHIEVE PROPER INSTALLATION / OPERATION ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS AND LOCAL CODES SHALL BE BY THE PLUMBING CONTRACTOR.
- PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING AND INSTALLING THE FOLLOWING:
 - ALL WATER, WASTE, GAS, AND STEAM SERVICES TO POINT OF ROUGH-IN AS SHOWN ON THIS DRAWING. ROUGH-IN OUTLETS TO STUB OUT OF WALLS 4" AT HEIGHT INDICATED FROM FINISHED FLOOR TO CENTERLINE OF OUTLET. FLOOR ROUGH-INS TO STUB-UP 2" IN LESS SPECIFIED OTHERWISE ABOVE FINISHED FLOOR OR CEILING. ALL FLOOR PENETRATIONS ARE TO BE SEALED WATER/TIGHT.
 - PRESSURE REDUCING AND / OR REGULATING VALVES FOR DISHWASHERS, BOOSTER HEATERS, OR OTHERWISE NOTED IN ALL FOODSERVICE AREAS.
 - ALL FLOOR SINKS, COMPLETE WITH TOP GRATES INDICATED, AND REMOVABLE SEDIMENT BASKETS ARE TO BE SET FLUSH WITH THE FLOOR, UNLESS SPECIFIED OTHERWISE OR REQUIRED BY LOCAL CODES.
 - ALL WASTE LINES, DIRECT OR INDIRECT, EXCEPT AS NOTED, MINIMUM DIAMETER OF LINE SHALL BE AS INDICATED ON PLAN REGARDLESS OF CONNECTION SIZE, AND SHALL BE PITCHED DOWNWARD. MAINTAIN DRAIN LINES AS HIGH AS POSSIBLE ABOVE FLOOR FOR SANITATION AND CLEANING. ALL WASTE LINES SHALL HAVE ADEQUATE CLEAN-OUT PROVISIONS.
- INDIRECT WASTE LINES FROM WALK-IN EVAPORATOR COILS SHALL BE PITCHED 3/4" PER FOOT OF HORIZONTAL RUN AND TERMINATE WITH A P-TRAP OVER FLOOR DRAIN OR APPROVED RECEPTOR WITH VACUUM BREAK AS REQUIRED BY LOCAL CODE.
- INSTALL FIRE CONTROL GAS SHUT-OFF VALVES AS SUPPLIED BY THE FIRE PROTECTION SYSTEM SUBCONTRACTOR PER LOCAL CODES (ONLY WHEN GAS COOKING EQUIPMENT IS SPECIFIED).
- VACUUM BREAKERS, AS REQUIRED, EXCEPT FOR DISHWASHERS AND DISPOSERS, BY THE KITCHEN EQUIPMENT CONTRACTOR.
- REGULATION ON ALL STEAM, HOT WATER, AND CONDENSATE RETURN LINES WITHIN THE FOODSERVICE AREAS SHALL BE COLOR-CODED ACCORDING TO LOCAL CODES.
- CLEAN-OUT VALVES FOR STEAM AND CONDENSATE RETURN LINES.
- GAS REDUCERS AS NEEDED.
- PLUMBING CONTRACTOR, OR EQUIVALENT, SHALL INTERCONNECT DISHWASHER WITH BOOSTER HEATER AND WATER TYPE VENTILATORS WITH CONTROL PANELS AS REQUIRED PER THE MANUFACTURERS INSTRUCTIONS, WHEN APPLICABLE AND NOTED.
- ALL VENT PIPES SHALL BE CONCEALED IN WALLS OR COLUMN CHASIS. USE LOOP VENTS FOR ISLAND FIXTURES.
- ALL LINES ROUTED THROUGH EQUIPMENT SHALL NOT INTERFERE WITH INTENDED USE, OR SERVICING OF EQUIPMENT.
- PLUMBING CONTRACTOR TO MOUNT ALL PANELS AND WASTE ASSEMBLIES PROVIDED BY THE FOODSERVICE EQUIPMENT CONTRACTOR.



EQUIPMENT PLAN - STORAGE ROOM
SCALE: 1/4" = 1'-0"



DD **THE MARKET**

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1740 AIRPORT BLVD.
WILMINGTON, NC, 28405
BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	90% SUBMITTAL	03/23/2023

EQUIPMENT PLUMBING ROUGH IN PLAN

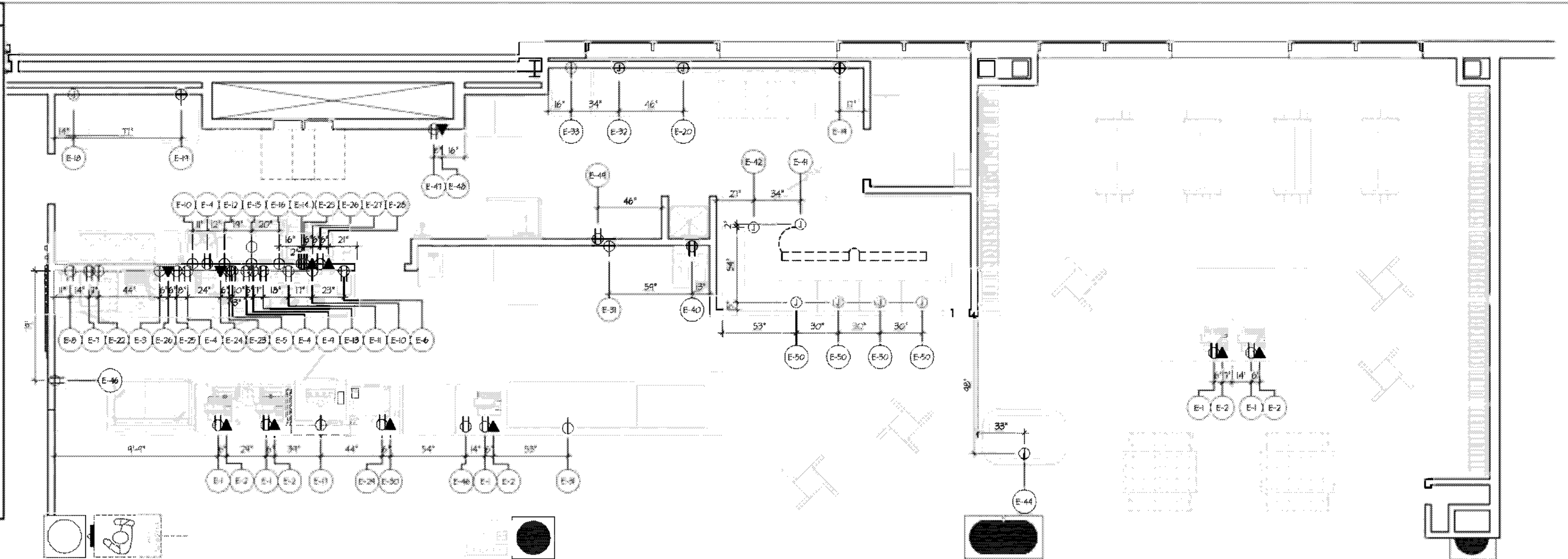
Project number: 2023-019
Date: 03-29-2023
Drawn by: AR
Checked by: BW

FS-2

Scale: 1/4" = 1'-0"

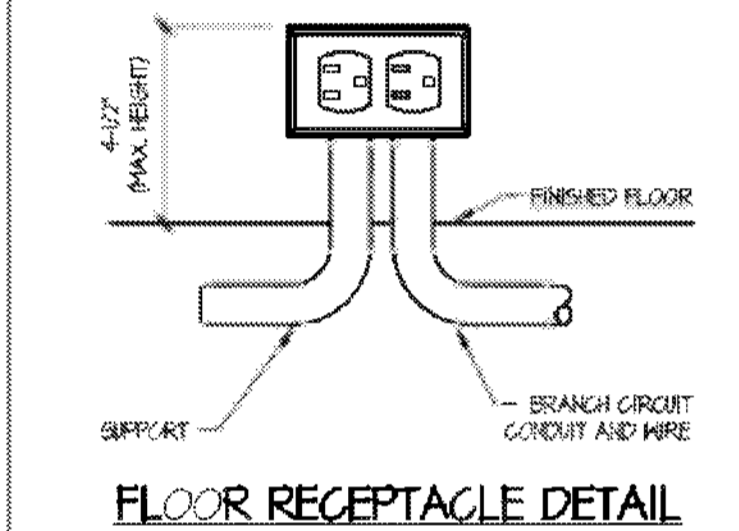
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- ### ELECTRICAL NOTES
- ALL OUTLETS AND CONNECTIONS SHOWN ON THIS DRAWING RELATE TO FOODSERVICE EQUIPMENT ONLY. REFER TO THE MECH. & ENG. DRAWINGS FOR ADDITIONAL ELECTRICAL REQUIREMENTS.
 - THIS ELECTRICAL ROUGH-IN PLAN IS INTENDED TO SHOW ROUTING, OUTLET TYPES, HEIGHTS, LOCATIONS, AND LOAD REQUIREMENTS. ALL DIMENSIONS SHOWN ARE FROM FINISHED WALLS AND FINISHED FLOORS. VERIFY ALL WALL LOCATIONS SHOULD BE VERIFIED WITH ARCHITECTURAL DRAWINGS.
 - ALL ELECTRICAL WORK FOR FABRICATED FOODSERVICE EQUIPMENT SHALL BE COMPLETELY HIRED BY THE FABRICATION CONTRACTOR TO A COMMON JUNCTION BOX, BELL BOX, CONTROL PANEL ON THE EQUIPMENT IN AN ACCESSIBLE LOCATION. FINAL CONNECTIONS TO THE EQUIPMENT AND ALL ELECTRICAL WORK FROM THE MAIN PANEL BOARD SHALL BE BY THE ELECTRICAL CONTRACTOR (E.C.).
 - FINAL CONNECTIONS TO ALL FOODSERVICE EQUIPMENT SHALL BE BY THE ELECTRICAL CONTRACTOR, INCLUDING ALL MATERIALS.
 - ELECTRICAL CONTRACTOR OR EQUIVALENT SHALL FINISH AND INSTALL THE FOLLOWING:
 - ALL JUNCTION BOXES, OUTLETS, COVER PLATES, SWITCHES, ETC., NOT BUILT INTO THE KITCHEN EQUIPMENT. ALL JUNCTION BOXES, OUTLETS, COVER PLATES, ETC. IN DINING ROOMS OR AS NOTED ON THE SCHEDULE SHALL BE MOISTURE PROOF.
 - ALL PLUGS AND CORDS AS NOTED ON THE SCHEDULE. ALL CORDS SHALL BE NEAR RATED AND BE APPROVED FOR MANUFACTURED AND FABRICATED EQUIPMENT.
 - SAFETY TRIP CIRCUIT BREAKERS OR DISCONNECTS FOR FIRE CONTROL SYSTEM SHUT-OFF OF FOODSERVICE EQUIPMENT BEHIND EXHAUST HOODS AS REQUIRED BY NFPA-96, LATEST EDITION AND LOCAL CODES.
 - DISCONNECTS OR OTHER DEVICES AS REQUIRED BY CODES, STARTERS.
 - ALL CONTROL WIRING FOR KITCHEN EQUIPMENT SYSTEMS.
 - WHEN APPLICABLE, ELECTRICAL CONTRACTOR SHALL PROVIDE CORDSET AND WIRING, INSTALL ELECTRICAL COMPONENTS PROVIDED BY K.E.C. AND INTERCONNECT BETWEEN THE FOLLOWING:
 - RECYCLE REFRIGERATION SYSTEMS TO EVAPORATOR COILS
 - MALK-IN COOLER / FREEZER LIGHTS FROM CONDUIT ABOVE COMPARTMENT CEILING.
 - RECYCLE MALK-IN COOLER / FREEZER ALARM SYSTEMS (WHEN SPECIFIED).
 - CONTROL PANELS TO EXHAUST HOODS AND EXHAUST / SUPPLY FANS PER MANUFACTURER'S INSTRUCTIONS.
 - KITCHEN EXHAUST HOODS TO FIRE CONTROL SYSTEM AND SHUT-OFFS.
 - ICE MACHINE.



LEGEND

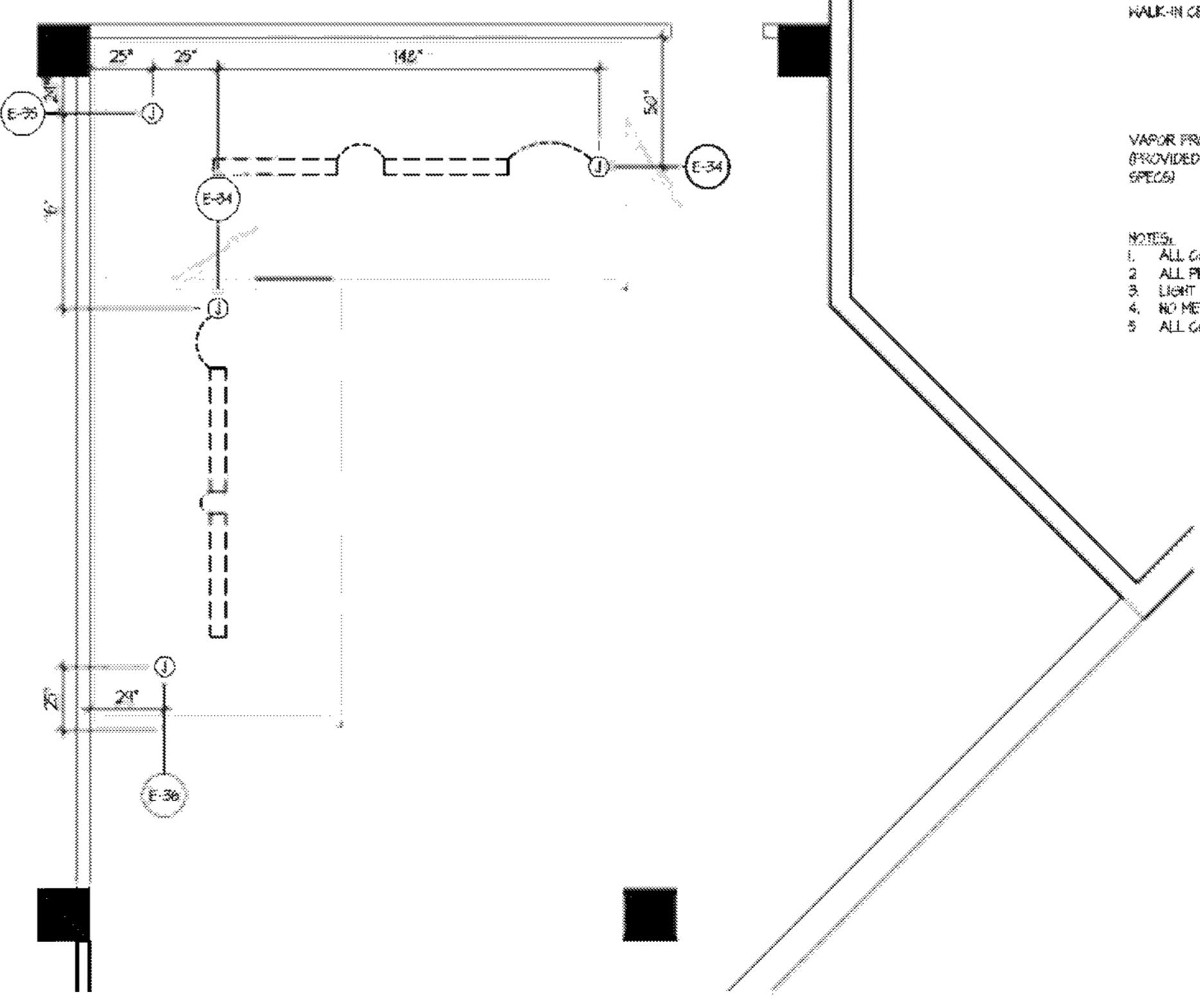
CHW	CHILLED WATER RETURN
CHS	CHILLED WATER SUPPLY
CH	COLD WATER
CR	CONDENSATE RETURN
C	CONDUIT
DS	DISCONNECT SWITCH
DR	DUPLEX RECEPTACLE
FK	FILTERED WATER
FD	FLOOR DRAIN
FS	FLOOR SINK
G	GAS
HWS	HOT WATER
JB	JUNCTION BOX
SR	SINGLE RECEPTACLE
SO	SPECIAL OUTLET
S	STEAM
SK	SWITCH
W	WASTE PIPE
A	AMP
AFC	ABOVE FINISHED CEILING
AF	ABOVE FINISHED FLOOR
AHL	AT WALL LINE
DFA	DOWN FROM ABOVE
FP	FLOOR FINISH
IN	IN WALL
IK	ICE MAKER
OCN	OUT OF WALL
SU	STUB UP
LOR	LENGTH OF WALL



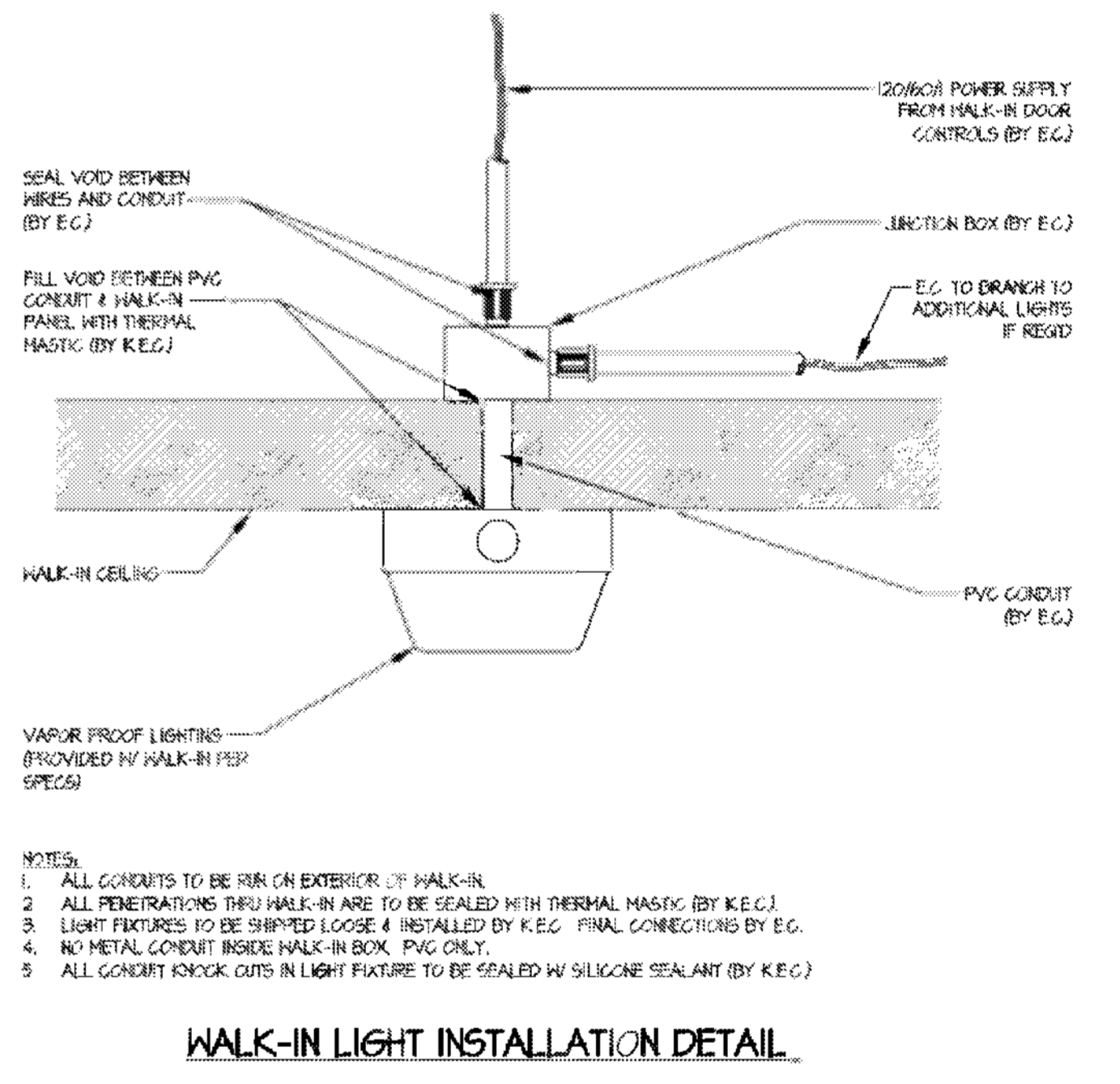
EQUIPMENT PLAN
SCALE: 1/4" = 1'-0"

ELECTRICAL SCHEDULE

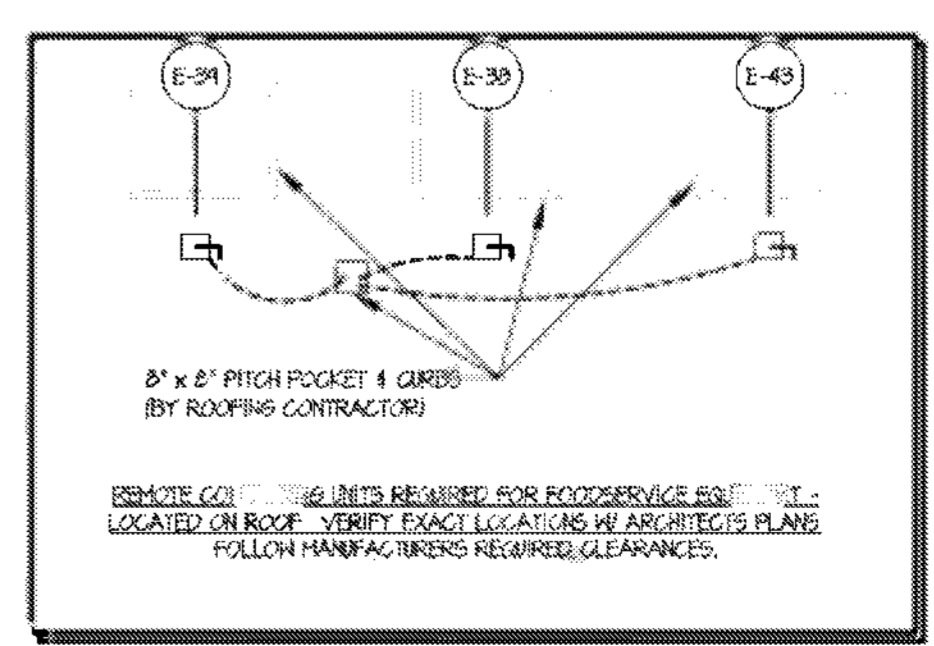
CONNECTION NUMBER	DESCRIPTION
E-1	120VAC, DR. (20A DEDICATED), 24" AFF IN - POS. 1 PRINTER / POS / PRINTER & POS SYSTEM K13 & R15
E-2	120VAC, DR. (20A DEDICATED), 24" AFF IN - POS. 1 PRINTER / POS / PRINTER, POS SYSTEM K13 & R15
E-3	208VAC, SR, (NEMA 1-30R), 20.0A, 20" AFF IN - ESPRESSO MACHINE #036-4
E-4	120VAC, DR. 1.5A, 20" AFF IN - DAIRY DISPENSER #030C-3
E-5	120VAC, DR. 0.5A, 40" AFF IN - SUGAR DISPENSER #030G
E-6	120VAC, DR. 11.0A, 40" AFF IN - HLT. HOPPER GRINDER #030G2
E-7	120VAC, DR. 10.1A, 40" AFF IN - FROZEN BEVERAGE DISPENSER #036-1
E-8	120VAC, DR. 10.1A, 40" AFF IN - HOT CHOCOLATE DISPENSER #036-1
E-9	120VAC, SR, 4.0A, 24" AFF IN - UNDERCOUNTER REFRIGERATOR #0200P
E-10	120VAC, SR, (NEMA 1-14-20P), 10.0A, 40" AFF IN - COFFEE BREWER #0324E
E-11	120VAC, DR. 1.5A, 40" AFF IN - BEVERAGE DISPENSER STAND #0246G
E-12	120VAC, SR, (NEMA 1-14-20P), 11.5A, 24" AFF IN - ICED COFFEE BREWER #0200A
E-13	120VAC, DR. 10.1A, 40" AFF IN - SINGLE SERVE COFFEE / TEA BREWER #0202A
E-14	120VAC, DR. 0.3A, 60" AFF IN - PRODUCT HOLDING UNIT #0238A
E-15	208VAC, DR. (NEMA 6-30P), 20.0A, 10" & 24" AFF IN & 10" & 40" AFF IN - RAPID COOK OVEN #0205
E-16	208VAC, SR, (NEMA 6-30P), 15.0A, 40" AFF IN - TOASTER #0248A
E-17	120VAC, SR, 6.5A, 24" AFF IN - REFRIGERATOR #0265
E-18	120VAC, SR, 10.2A, 40" AFF IN - ICE MAKER #0242S
E-19	120VAC, SR, 4.2A, 40" AFF IN - REFRIGERATOR #0441
E-20	120VAC, SR, 10.0A, 24" AFF IN - VENTLESS CONVECTION OVEN #0534
E-21	120VAC, SR, 15.1A, 40" AFF IN - POWER BASE #0563
E-22	120VAC, SR, 4.2A, 24" AFF IN - 5/5 T.O.P. REFRIGERATOR #0507
E-23	120VAC, DR. (20A DEDICATED), 12" AFF IN - PRINTER
E-24	120VAC, DR. (20A DEDICATED), 12" AFF IN - PRINTER
E-25	120VAC, DR. (20A DEDICATED), 24" AFF IN - VDU
E-26	120VAC, DR. (20A DEDICATED), 24" AFF IN - VDU
E-27	120VAC, DR. (20A SERVICE), 40" AFF IN - PRINTER
E-28	120VAC, DR. (20A SERVICE), 40" AFF IN - PRINTER
E-29	120VAC, DR. (20A DEDICATED), 24" AFF IN - VDU
E-30	120VAC, DR. (20A DEDICATED), 24" AFF IN - VDU
E-31	120VAC, SR, 13.8A, 24" AFF IN - REFRIGERATED PREP TABLE #13
E-32	120VAC, SR, 11.0A, 24" AFF IN (E.C. TO MOUNT JB ON WALK-IN WALL) - OVEN/BREAD PROOFER #135A
E-33	120VAC, SR, 4.3A, 30" AFF IN (E.C. TO MOUNT OUTLET ON WALK-IN WALL) - REACH-IN REFRIGERATOR #122
E-34	120VAC, SR, (20A SERVICE), 10" AFF DFA (E.C. TO WIRE LIGHTS TO SWITCH IN DOOR) - WALK-IN COOLER/FREEZER LIGHTS, CONTROLS, ALARMS, ETC. #123 & #123A
E-35	120VAC, SR, 0.2A, 110" AFF DFA - COOLER EVAPORATOR COIL #123A.1
E-36	120VAC, SR, 0.2A, 110" AFF DFA - FREEZER EVAPORATOR COIL #123A.1
E-37	120VAC, SR, (20A SERVICE), 80" AFF (E.C. TO SURFACE MOUNT OUTLET ON WALK-IN WALL) - FREEZER EVAPORATOR COIL (HEAT TAPE) #123.1
E-38	208VAC, DS, 11.6A, (ON ROOF) - COOLER CONDENSING UNIT #123A.2
E-39	208VAC, DS, 11.6A, (ON ROOF) - FREEZER CONDENSING UNIT #123A.2
E-40	120VAC, DR, 2.6A, 40" AFF IN - SLICER #121
E-41	120VAC, SR, (20A SERVICE), 110" AFF DFA (E.C. TO WIRE LIGHTS TO SWITCH IN DOOR) - WALK-IN COOLER #141
E-42	120VAC, SR, 0.2A, 110" AFF DFA - COOLER EVAPORATOR COIL #12
E-43	120VAC, DS, 11.6A - COOLER CONDENSING UNIT #13
E-44	120VAC, SR, (NEMA 6-30P), 30.0A, 4" AFF SU - REFRIGERATED DISPLAY ISLAND CASE #144
E-45	120VAC, SR, 0.2A, 24" AFF IN - REFRIGERATED DISPLAY CASE #15
E-46	120VAC, DR, 4.0A, 24" AFF IN (E.C. TO VERIFY UTILITIES BY OWNER) - GRAB-N-GO PIZZA & GRAB-N-GO COKE
E-47	120VAC, DR. (20A DEDICATED), 40" AFF IN - PHONE BOARD
E-48	120VAC, DR. (20A DEDICATED), 40" AFF IN - PHONE BOARD
E-49	120VAC, DR, 2.6A, 40" AFF IN - FUTURE SLICER #121
E-50	120VAC, SR, (20A SERVICE), 110" AFF DFA - WALK-IN COOLER DISPLAY LIGHTS #141



EQUIPMENT PLAN - STORAGE ROOM
SCALE: 1/4" = 1'-0"



- NOTES:
- ALL CONDUITS TO BE RUN ON EXTERIOR OF WALK-IN.
 - ALL PENETRATIONS THRU WALK-IN ARE TO BE SEALED WITH THERMAL MASTIC (BY K.E.C.).
 - LIGHT FIXTURES TO BE SHIPPED LOOSE & INSTALLED BY K.E.C. FINAL CONNECTIONS BY E.C.
 - NO METAL CONDUIT INSIDE WALK-IN BOX. PVC ONLY.
 - ALL CONDUIT KNOCK OUTS IN LIGHT FIXTURE TO BE SEALED W/ SILICONE SEALANT (BY K.E.C.).



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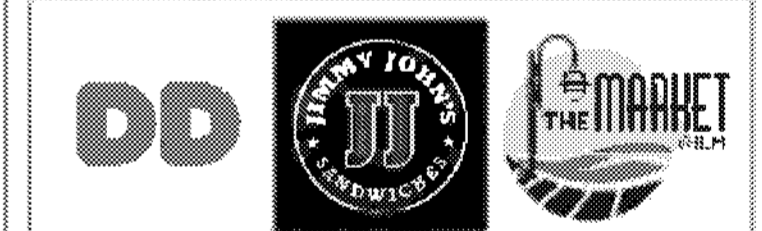
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BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	100% SUBMITTAL	06/23/2023

EQUIPMENT ELECTRICAL ROUGH IN PLAN

Project number: 2023-019
Date: 03-29-2023
Drawn by: AR
Checked by: BW

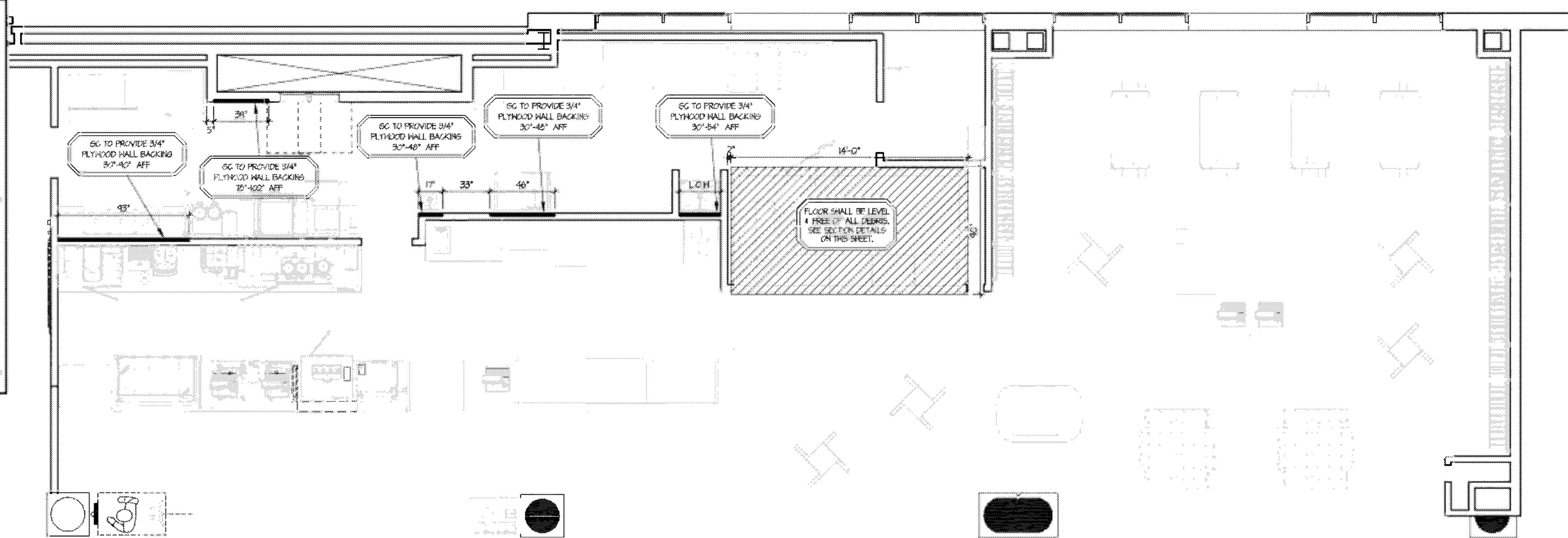
FS-3

Scale: 1/4" = 1'-0"

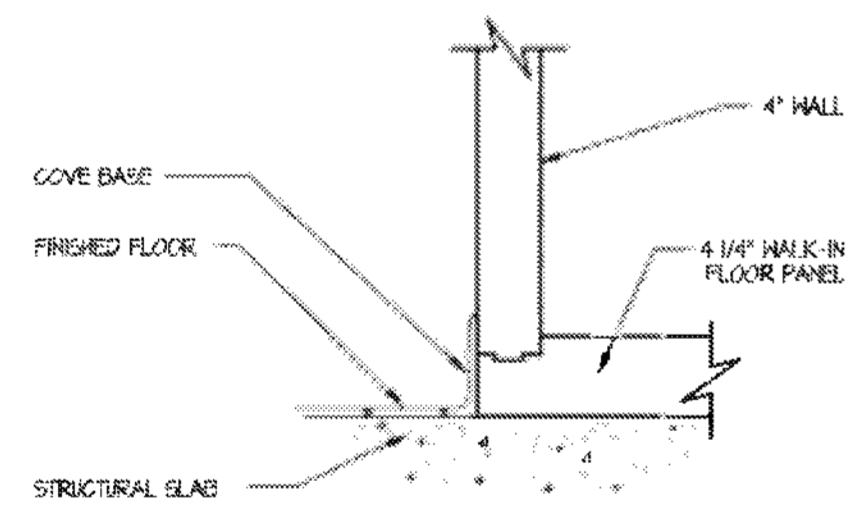
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SPECIAL CONDITIONS NOTES

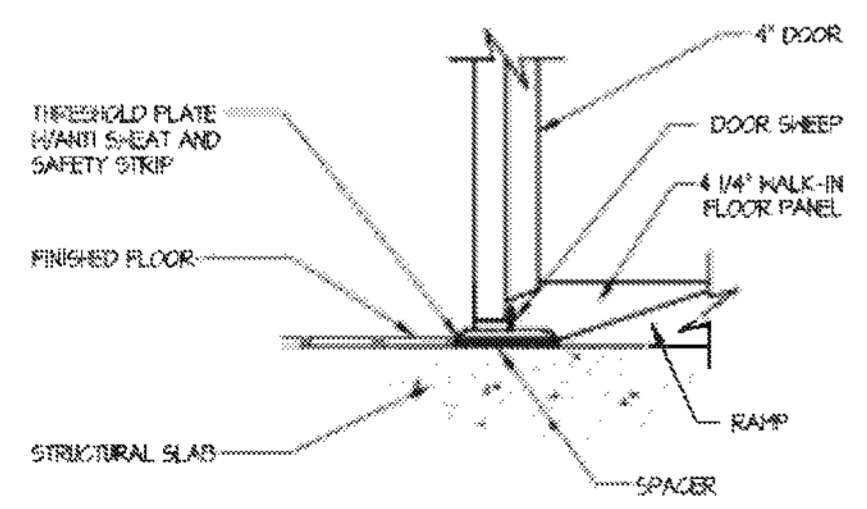
1. ALL DECKS INDICATED ON THIS PLAN AND IN THESE NOTES SHALL BE BY OTHER TRADES OTHER THAN THE KITCHEN EQUIPMENT CONTRACTOR UNLESS NOTED "BY KEC"
2. WALLS, FLOORS, AND CEILINGS IN THE KITCHEN, PREP, SERVICE AND DRESSING AREAS OR ANY OTHER AREA WHERE FOOD AND BEVERAGE ARE PREPARED SHALL BE SMOOTH, EASILY CLEANABLE, NON-ABSORBENT, AND DURABLE. WALLS AND CEILINGS SHALL BE LIGHT COLORED.
3. PARTITION WALLS BETWEEN KITCHEN AREAS AND PUBLIC AREAS SHALL BE CONSTRUCTED FOR MAXIMUM SOUND CONTROL.
4. FINAL DUCT CONNECTIONS SHALL BE BY MECHANICAL CONTRACTOR OR EQUIVALENT UNLESS OTHERWISE NOTED.
5. FLOOR LOADS CAPACITY SHALL BE A MINIMUM OF 100 LBS. PER SQUARE FOOT OR AS REQUIRED BY LOCAL CODES.
6. GENERAL CONTRACTOR (GC), OR EQUIVALENT SHALL:
 - PROVIDE IN-WALL REINFORCING OR BACKING (AS REQUIRED) FOR WALL MOUNTED EQUIPMENT. COORDINATE WITH KEC.
 - PROVIDE WALK-IN COOLER / FREEZER FLOOR DEPRESSIONS, SMOOTH TRANSIT-LEVEL, WHERE DEPRESSIONS ARE REQUIRED. DEPTH WILL BE AS NOTED ON DRAWINGS.
 - FILL EXCESS DEPRESSIONS AROUND WALK-IN COOLER / FREEZER WITH GROUT, FINISH FLOOR MATERIAL, AND COVERED BASE AFTER WALK-IN IS INSTALLED BY KEC.
 - PROVIDE FIRE-RATED MATERIALS AND / OR INSULATION AS REQUIRED FOR EXHAUST DUCTS, VENT STACKS, ROOF / WALL PENETRATIONS, ETC., PER LOCAL CODES.
 - PROVIDE FIRE RATED PARTITIONS WHERE NOTED AROUND COOKING / HEAT PRODUCING EQUIPMENT FOR LOCAL CODES.
 - PROVIDE COVERED BASE MOLDING OR COVERED BITERRAL FLOOR MATERIALS AS REQUIRED AT ALL VERTICAL SURFACES OF KITCHEN FLOORS.
 - PROVIDE 3/4" DIAMETER MIN HANGER RODS FROM STRUCTURE ABOVE CEILING AS REQUIRED FOR VENTILATORS AND CEILING MOUNTED EQUIPMENT, WHERE NOTED.



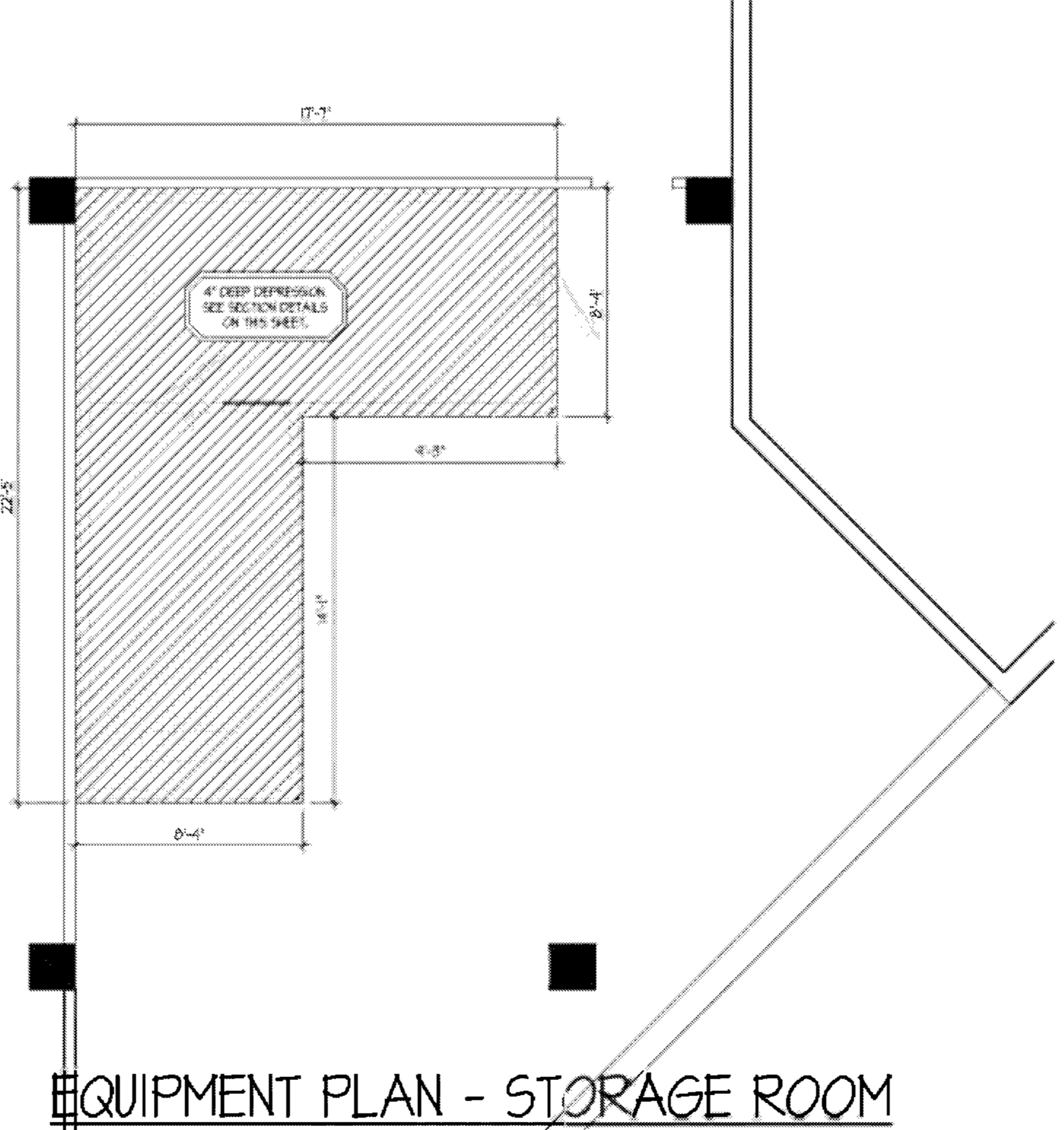
EQUIPMENT PLAN
SCALE: 1/4" = 1'-0"



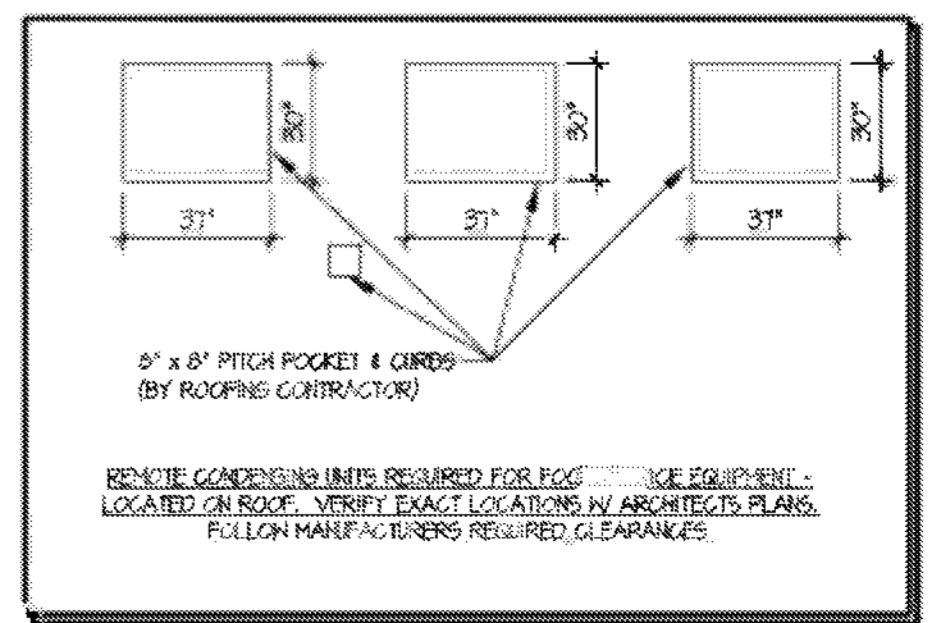
WALK-IN EXTERIOR WALL SECTION



WALK-IN COOLER DOOR SECTION



EQUIPMENT PLAN - STORAGE ROOM
SCALE: 1/4" = 1'-0"



LEGEND

GR	CHILLED WATER RETURN
GW	CHILLED WATER SUPPLY
GW	GOLD WATER
CR	CONDENSATE RETURN
C	CONDENSATE
DS	DISCONNECT SWITCH
DR	DUPLEX RECEPTACLE
FH	FILTERED WATER
FD	FLOOR DRAIN
FS	FLOOR SINK
G	GAS
HW	HOT WATER
JB	JUNCTION BOX
SR	SINGLE RECEPTACLE
SO	SPECIAL OUTLET
S	STEAM
SW	SWITCH
H	WASTE PIPE
A	AMP
AFG	ABOVE FINISHED CEILING
AFP	ABOVE FINISHED FLOOR
AHL	AT WALL LINE
DFA	DOWN FROM ABOVE
HP	HORSE POWER
IN	IN WALL
KN	KILOWATT
OCFL	OUT OF WALL
SI	SHIB UP
LWH	LENGTH OF WALL

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DD **THE MARKET**
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WILMINGTON, NC, 28405
BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No	Description	Date
1	60% SUBMITTAL	08/29/2023

SPECIAL CONDITIONS PLAN

Project number: 2023-019
Date: 03-29-2023
Drawn by: AR
Checked by: BW

FS-4

Scale: 1/4" = 1'-0"

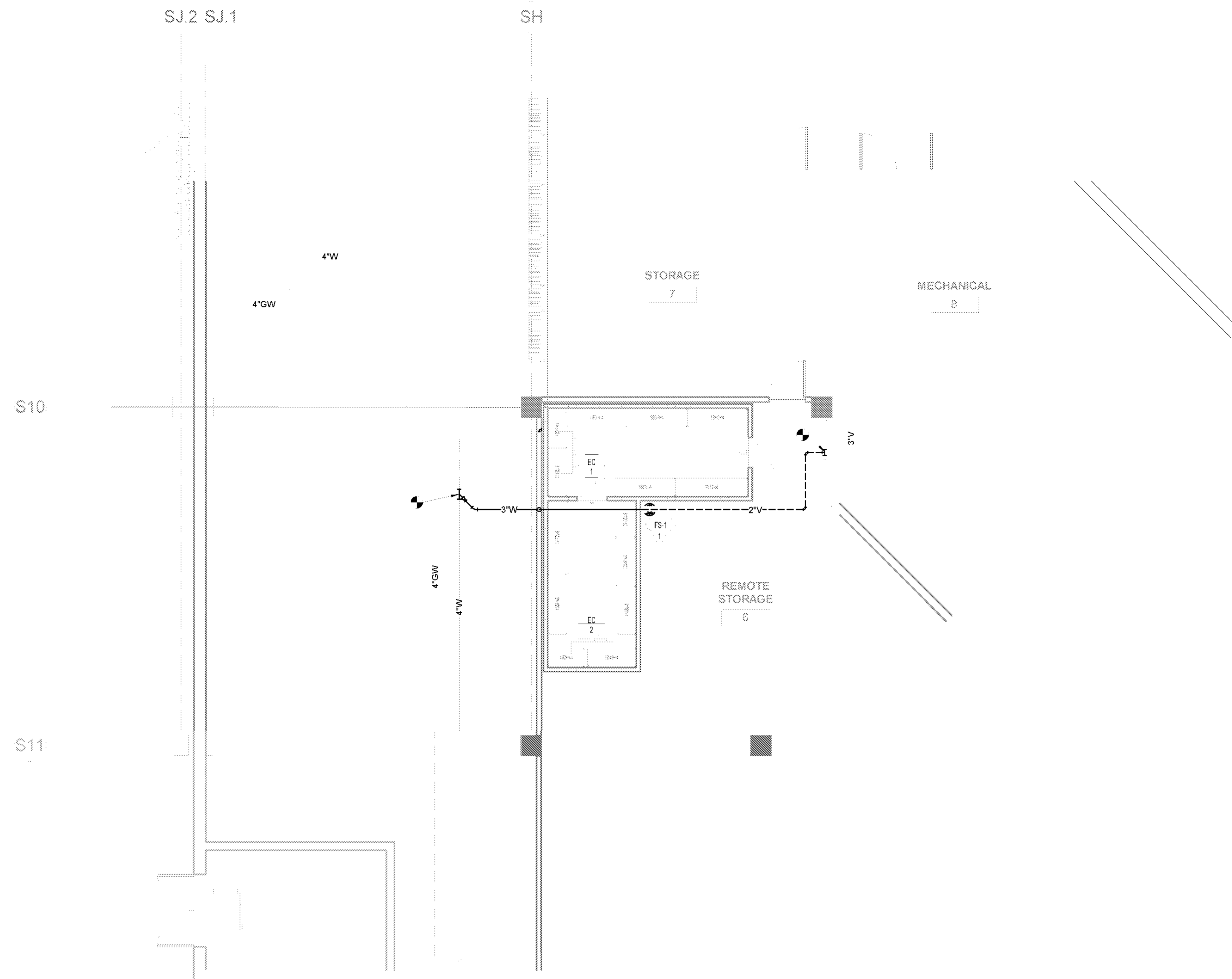
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GENERAL NOTES

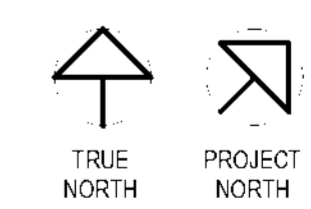
1. DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT GENERAL SCOPE OF WORK. CONTRACTOR IS RESPONSIBLE TO REVIEW GENERAL CONSTRUCTION DRAWINGS, ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS AND ASSOCIATED SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF CONSTRUCTION. NOTIFY ARCHITECT OF ANY CONFLICT OR DISCREPANCIES PRIOR TO CONSTRUCTION.
2. COORDINATE FINAL QUANTITY OF KITCHEN EQUIPMENT WITH OWNER PRIOR TO ROUGH-IN OF PIPES.
3. SEE SHEET P710 FOR WASTE AND VENT RISER DIAGRAM AND PIPE SIZING NOT SHOWN ON PLANS.
4. CONTRACTOR TO VERIFY ALL PLUMBING REQUIREMENTS, MOUNTING HEIGHTS, AND LOCATIONS OF KITCHEN EQUIPMENT WITH KITCHEN EQUIPMENT VENDOR. REFER TO KITCHEN 'FS' SERIES DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
5. SEE PIPE MATERIAL AND INSULATION SCHEDULE ON P600 SHEET FOR PIPING AND INSULATION REQUIREMENTS.

PLAN NOTES:

1. EXTEND (2) 3/4" INDIRECT WASTE PIPES FROM EVAPORATOR COILS IN NEW WALK-INS TO FLOOR SINK. TERMINATE WITH MINIMUM 1" AIR GAP.



1 RAMP LEVEL - FLOOR PLAN - PLUMBING
3/16" = 1'-0"



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DD **THE MARKET**
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BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	60% SUBMITTAL	06/23/2023

PLUMBING WASTE AND VENT FLOOR PLAN - LOWER LEVEL

Project number 2023-019
Date 06-23-2023
Drawn by Author
Checked by LU

P100

Scale As indicated

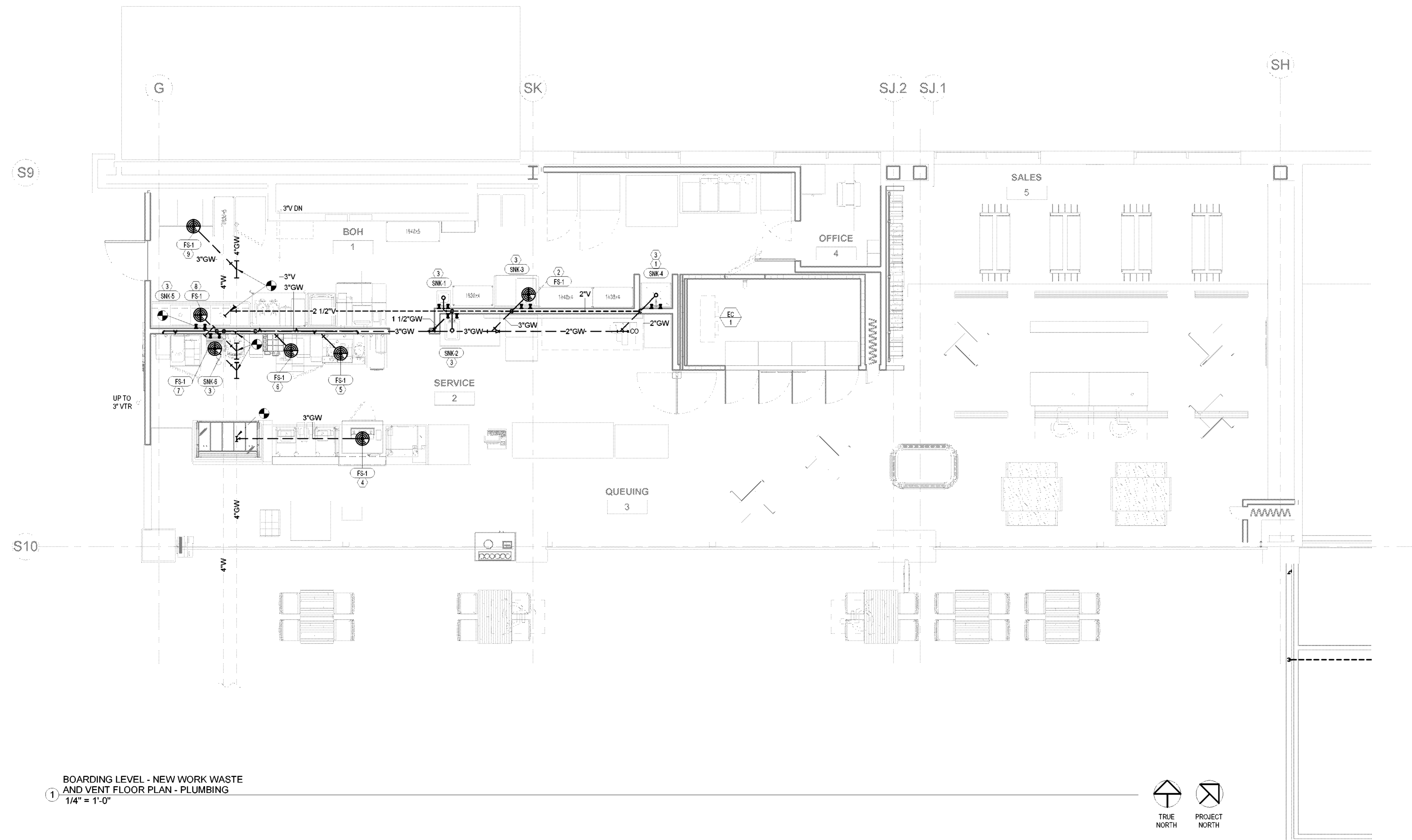
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PLAN NOTES:

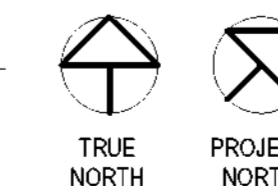
1. EXTEND 3/4" INDIRECT WASTE PIPE FROM EVAPORATOR COIL IN NEW WALK-IN TO MOP SINK. TERMINATE WITH MINIMUM 1" AIR GAP.
2. EXTEND 1-1/2" INDIRECT WASTE PIPE FROM DUMP SINK TO FLOOR SINK. TERMINATE WITH MINIMUM 1" AIR GAP.
3. SINK PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. SINK TO BE INSTALLED BY PLUMBING CONTRACTOR. ALL CONNECTIONS AND INSTALLATION OF COMPONENTS ASSOCIATED WITH SINK INSTALLED BY PLUMBING CONTRACTOR. SEE PLUMBING FIXTURE SCHEDULE ON SHEET P600 FOR ADDITIONAL INFORMATION. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER.
4. EXTEND 1/2" INDIRECT WASTE PIPE FROM 4-HEAD TAP SYSTEM TO FLOOR SINK. TERMINATE WITH MINIMUM 1" AIR GAP.
5. EXTEND 1/2" INDIRECT WASTE PIPE FROM DRIP TROUGH TO FLOOR SINK. TERMINATE WITH MINIMUM 1" AIR GAP.
6. EXTEND 3/4" INDIRECT WASTE PIPE FROM UNDERCOUNTER ICE BIN TO FLOOR SINK. TERMINATE WITH MINIMUM 1" AIR GAP.
7. EXTEND 1" INDIRECT WASTE PIPE FROM ESPRESSO MACHINE AND 1-1/2" INDIRECT WASTE FROM DUMP SINK TO FLOOR SINK. TERMINATE WITH MINIMUM 1" AIR GAP.
8. EXTEND (3) 1-1/2" INDIRECT WASTE PIPES FROM THREE-COMP SINK DRAIN OUTLETS TO FLOOR SINK. TERMINATE WITH MINIMUM 1" AIR GAP.
9. EXTEND (2) 3/4" INDIRECT WASTE PIPES FROM ICE BIN AND ICE MAKER TO FLOOR SINK. TERMINATE WITH MINIMUM 1" AIR GAP.

GENERAL NOTES

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2. COORDINATE FINAL QUANTITY OF KITCHEN EQUIPMENT WITH OWNER PRIOR TO ROUGH-IN OF PIPES.
3. SEE SHEET P710 FOR WASTE AND VENT RISER DIAGRAM AND PIPE SIZING NOT SHOWN ON PLANS.
4. CONTRACTOR TO VERIFY ALL PLUMBING REQUIREMENTS, MOUNTING HEIGHTS, AND LOCATIONS OF KITCHEN EQUIPMENT WITH KITCHEN EQUIPMENT VENDOR. REFER TO KITCHEN FS' SERIES DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
5. SEE PIPE MATERIAL AND INSULATION SCHEDULE ON P600 SHEET FOR PIPING AND INSULATION REQUIREMENTS.



BOARDING LEVEL - NEW WORK WASTE AND VENT FLOOR PLAN - PLUMBING
 1/4" = 1'-0"



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BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	80% SUBMITTAL	06/23/2023

PLUMBING WASTE AND VENT FLOOR PLAN - BOARDING LEVEL

Project number 2023-019
Date 06-23-2023
Drawn by Author
Checked by LU

P101

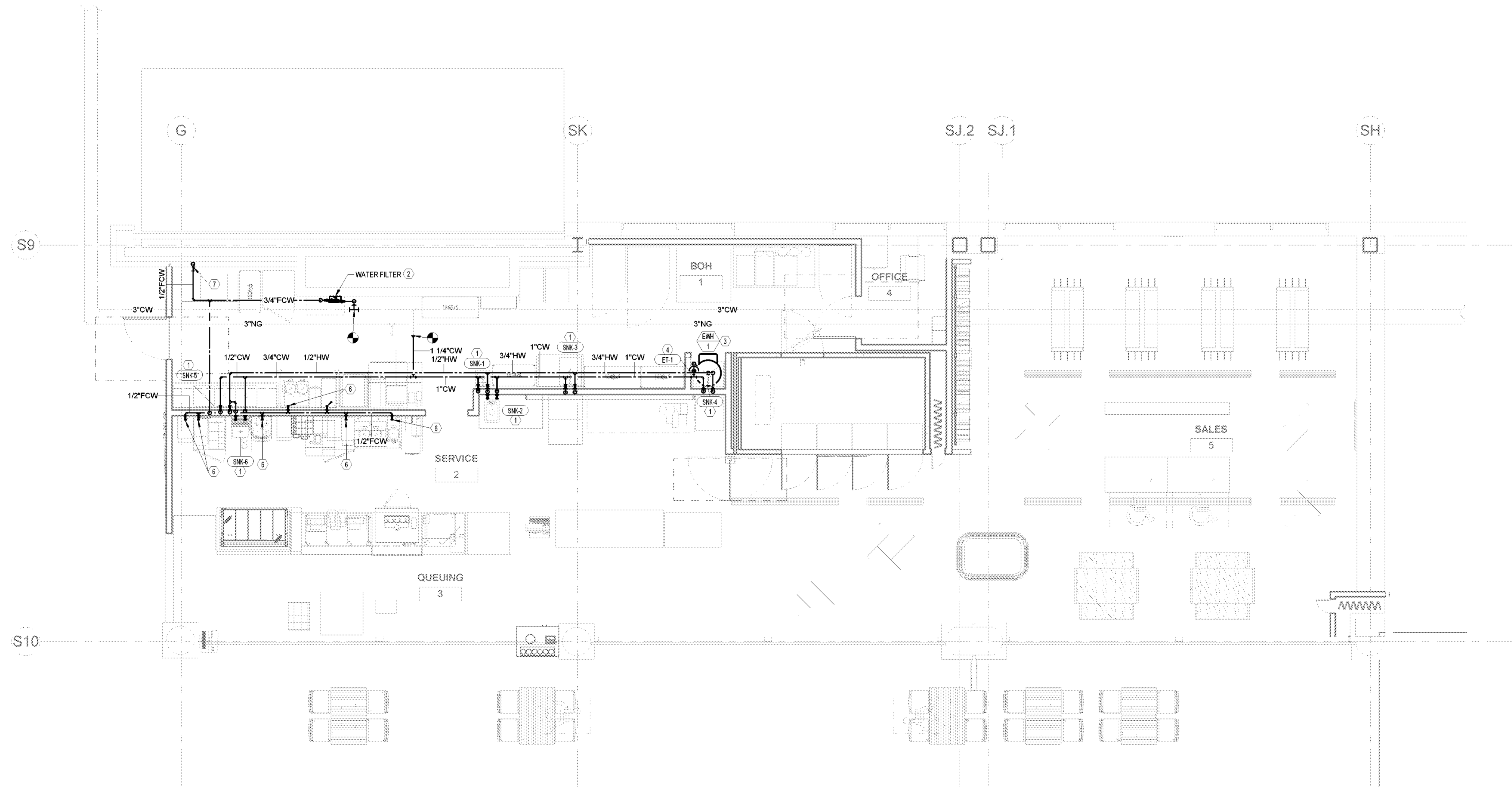
Scale 1/4" = 1'-0"

PLAN NOTES:

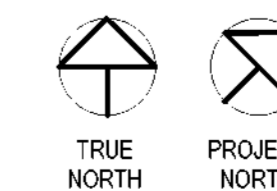
1. SINK AND FAUCET PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. SINK AND FAUCET TO BE INSTALLED BY PLUMBING CONTRACTOR. ALL CONNECTIONS AND INSTALLATION OF COMPONENTS ASSOCIATED WITH SINK INSTALLED BY PLUMBING CONTRACTOR. SEE PLUMBING FIXTURE SCHEDULE ON SHEET P600 FOR ADDITIONAL INFORMATION. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER.
2. WATER FILTER TO BE PROVIDED BY KITCHEN EQUIPMENT SUPPLIER. WATER FILTER TO BE INSTALLED BY PLUMBING CONTRACTOR. FINAL CONNECTIONS AND COMPONENTS ASSOCIATED WITH WATER FILTER INSTALLED BY PLUMBING CONTRACTOR. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER.
3. INSTALL WATER HEATER ON SHELF ABOVE MOP SINK. SEE DETAIL 3P500 FOR TYPICAL ELECTRIC WATER HEATER INSTALLATION DETAIL.
4. SEE DETAIL 1P500 FOR TYPICAL EXPANSION TANK INSTALLATION DETAIL.
5. SEE DETAIL 2P500 FOR HOT WATER RECIRCULATION DETAIL.
6. PROVIDE 1/2" FCW CONNECTION FOR KITCHEN EQUIPMENT WITH LEAD FREE BACKFLOW PREVENTER (WATTS LF7 OR APPROVED EQUAL), QUARTER-TURN SHUT-OFF VALVE AND ESCUTCHEON. COORDINATE WITH FS DRAWINGS FOR CONNECTION HEIGHT AFF.
7. PROVIDE 1/2" FCW CONNECTION AND INSTALL LEAD FREE REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY (WATTS WATTS LF7R OR APPROVED EQUAL) FOR ICE MAKER WATER LINE IN LINE OF PIPE TO WATER CONNECTION.

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2. COORDINATE FINAL QUANTITY OF KITCHEN EQUIPMENT WITH OWNER PRIOR TO ROUGH-IN OF PIPES.
3. SEE SHEET P700 FOR DOMESTIC WATER RISER DIAGRAM AND PIPE SIZING NOT SHOWN ON PLANS.
4. CONTRACTOR TO VERIFY ALL PLUMBING REQUIREMENTS, MOUNTING HEIGHTS, AND LOCATIONS OF KITCHEN EQUIPMENT WITH KITCHEN EQUIPMENT VENDOR. REFER TO KITCHEN FS' SERIES DRAWINGS FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
5. SEE PIPE MATERIAL AND INSULATION SCHEDULE ON P600 SHEET FOR PIPING AND INSULATION REQUIREMENTS.



BOARDING LEVEL - FLOOR PLAN -
PLUMBING DOMESTIC WATER
1/4" = 1'-0"



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BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

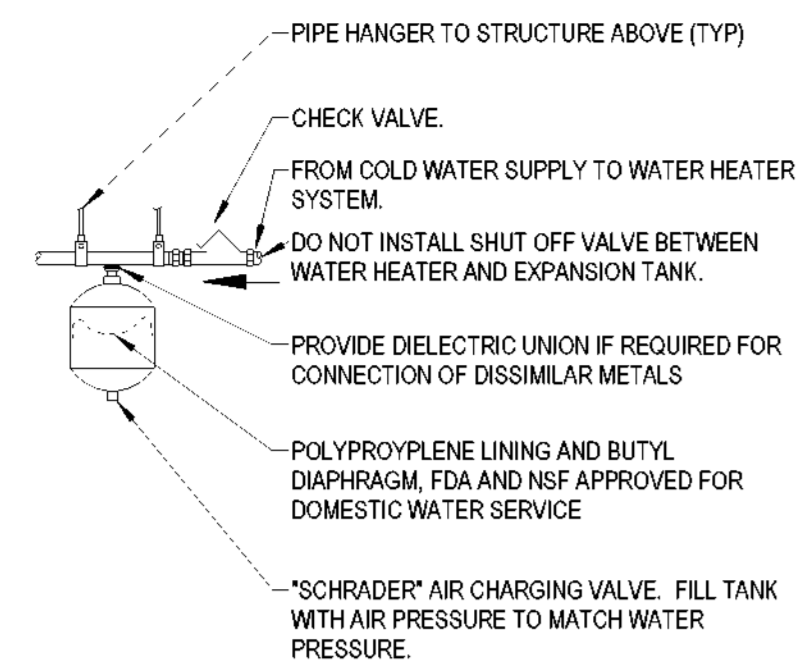
No.	Description	Date
1	80% SUBMITTAL	06/23/2023

**PLUMBING
DOMESTIC WATER
PLAN - BOARDING
LEVEL**

Project number 2023-019
Date 06-23-2023
Drawn by Author
Checked by LU

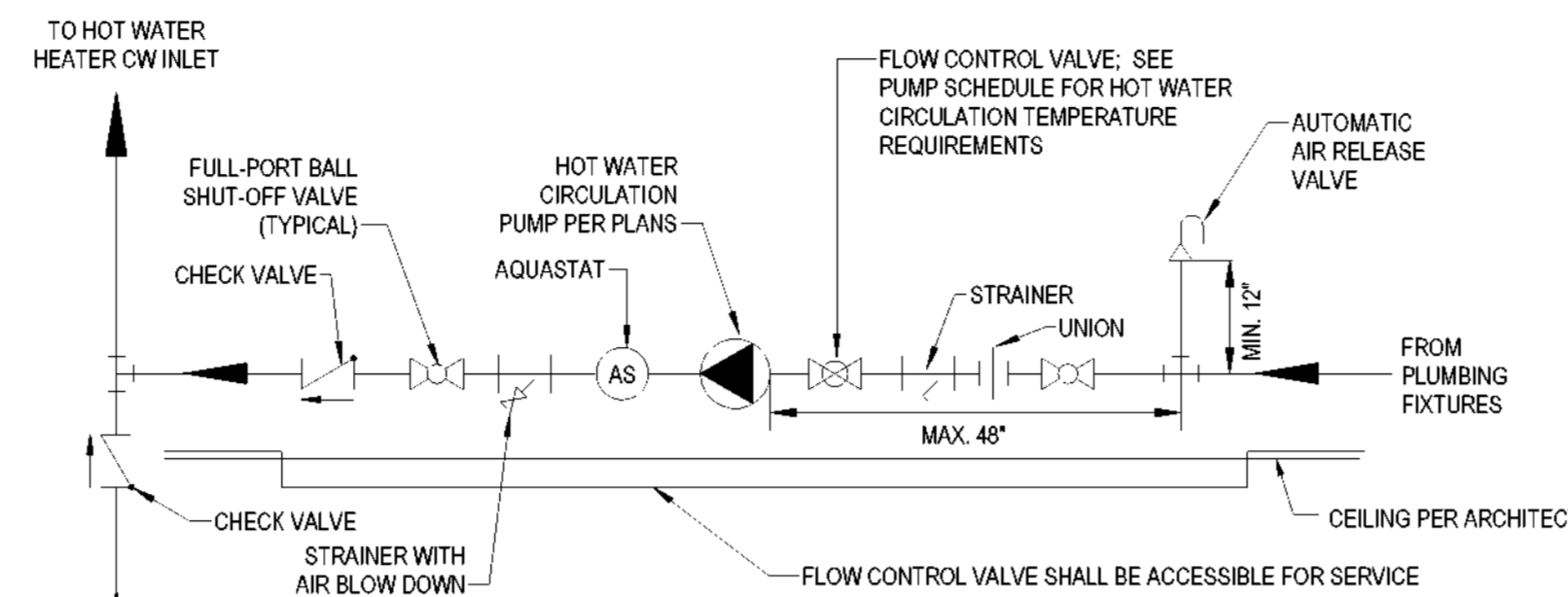
P111

Scale 1/4" = 1'-0"



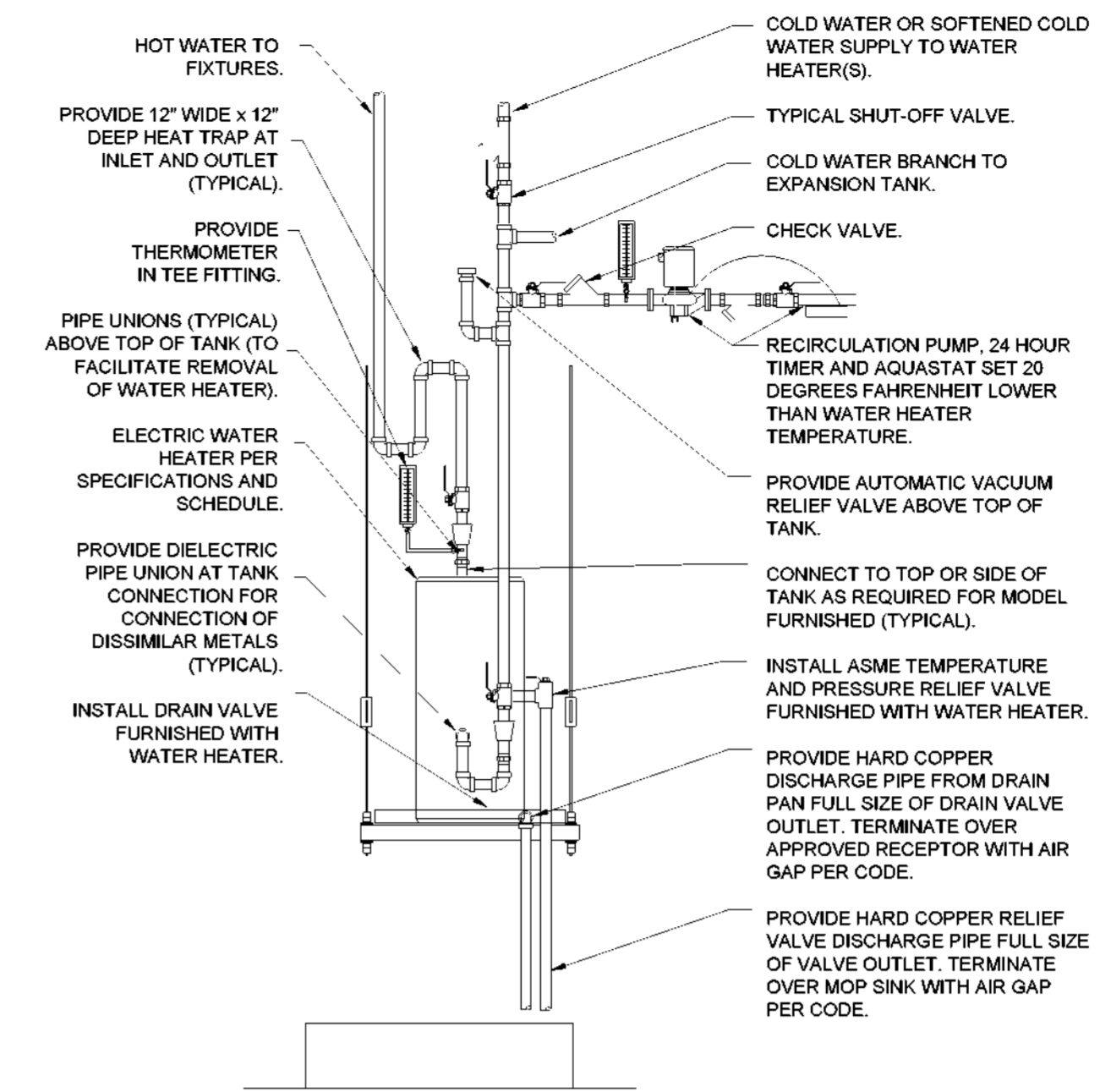
PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS, EQUIPMENT FURNISHED. REFER TO SPECIFICATIONS, SCHEDULES AND NOTES FOR ADDITIONAL INFORMATION. REFERENCE SCHEDULES TO CONFIRM SUSPENDED OR BASE MOUNTING INSTALLATION. BRANCH PIPING SHALL BE SAME SIZE AS TANK FITTING. VERIFY PROPER OPERATION WHEN INSTALLED.

1 THERMAL EXPANSION TANK DETAIL
12" = 1'-0"



REFER TO SPECIFICATIONS, SCHEDULES, AND NOTES FOR MORE INFORMATION. MAKE CONNECTIONS AND PROVIDE INSTALLATION PER MANUFACTURERS RECOMMENDATIONS. ARRANGEMENT SHOWN IS SCHEMATIC. PROVIDE REDUCERS AND ADAPTERS AS REQUIRED.

2 HOT WATER RECIRCULATION PUMP DETAIL
12" = 1'-0"



PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS, EQUIPMENT FURNISHED. REFER TO SPECIFICATIONS, SCHEDULES, AND NOTES FOR ADDITIONAL INFORMATION. PROVIDE SEISMIC STRAP(S) OR BRACING. REFERENCE ELECTRICAL PLANS FOR POWER AND MEANS OF DISCONNECT.

3 ELECTRIC WATER HEATER ON SHELF DETAIL
12" = 1'-0"



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BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	80% SUBMITTAL	06/23/2023

PLUMBING DETAILS

Project number	2023-019
Date	06-23-2023
Drawn by	Author
Checked by	LU

P500

Scale 12" = 1'-0"

PLUMBING FIXTURE SCHEDULE

FIXTURES IN THIS SCHEDULE OR THEIR APPROVED EQUIVALENT ARE PROVIDED BY THE PLUMBING CONTRACTOR. ANY CONFLICTS BETWEEN MODEL NUMBER AND DESCRIPTION THE DESCRIPTION SHALL PREVAIL. SUBMIT SHOP DRAWINGS ON EACH OF THESE ITEMS. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION AND INSTALLATION REQUIREMENTS. VERIFY ROUGH-IN REQUIREMENTS WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS AND INSTALL PER MANUFACTURER'S RECOMMENDATIONS. REFER TO THE ARCHITECTURAL DRAWINGS FOR THE PLUMBING FIXTURE MOUNTING HEIGHTS.

MARK	DESCRIPTION	PIPE SIZE CONNECTION				
		COLD WATER	HOT WATER	MIXED WATER	WASTE	VENT
TMV-1	THERMOSTATIC MIXING VALVE: MANUFACTURED BY LEONARD OR APPROVED EQUAL SHALL BE LEAD FREE BRASS BODY, COPPER ENCAPSULATED THERMOSTAT ASSEMBLY WITH POLYMER THERMOPLASTIC SHUTTLE, STAINLESS STEEL SPRINGS, BUNA-N O-RINGS, INTEGRAL CHECKS, COLD WATER BY-PASS, MOUNTING BRACKET, VANDAL RESISTANT LOCKING TEMPERATURE ADJUSTMENT CAP. ASSE 1070 CERTIFIED, CAPABLE OF 1.7 GPM WITH A 5 PSI PRESSURE LOSS. CAPABLE OF 2.3 GPM WITH A 10 PSI PRESSURE LOSS AND A MINIMUM FLOW RATE OF 0.25 GPM. 3/8" INLET AND OUTLET CAN BE CONFIGURED TO SERVE EITHER A TWO HANDLE LAVATORY/SINK OR SINGLE INLET SENSOR FAUCET. TEMPERATURE ADJUSTMENT RANGE FROM 90 TO 140 DEGREES. UNIT IS NOT FACTORY PRESET. CONTRACTOR SHALL SET OUTLET TEMPERATURE TO 105 DEGREES FAHRENHEIT. MOUNT BELOW THE PLUMBING FIXTURE WHERE INDICATED ON PLAN(S).	1/2"	1/2"	--	--	--
FS-1	DRAIN, FLOOR SINK: MANUFACTURED BY ZURN OR APPROVED EQUAL MANUFACTURER SHALL BE 21960 CAST IRON BODY, 8" ROUND, WITH SEEPAGE FLANGE AND MEMBRANE FLASHING CLAMP, ROUND, LIGHT-DUTY FULL, 3/4 OR 1/2" GRATE WITH SLOTTED OPENINGS, ALUMINUM ANTI-SPLASH INTERIOR BOTTOM DOME STRAINER (OR ALUMINUM BUCKET OR STAINLESS STEEL MESH LINER FOR BUCKET) AND BOTTOM OUTLET. PROVIDE WITH TRAP SEAL PROTECTOR TSP-1 AS SCHEDULED. PROVIDE DRAIN BODY WITH 1/2" INCH TRAP PRIMER CONNECTION AS REQUIRED BY TRAP SEAL PROTECTOR. DRAIN BODY AND GRATE HAVE ACID RESISTANT COATING. USE PUSH-ON JOINT OF OUTLET SIZE AS SHOWN ON PLANS. LOAD RATING CLASSIFICATIONS: GRATES AND TOP RIMS SHALL BE TO MEET SAFE LOAD OF: LIGHT DUTY, UNDER 2,000 POUNDS.	--	--	--	3"	2"
TSP-1	TRAP SEAL PROTECTOR: SURE SEAL MODEL SERIES "SS" IN-LINE FLOOR DRAIN TRAP SEALER, SHALL BE ASSE 1072 APPROVED, SIZED PER DRAIN OUTLET WITH PERFORMANCE THAT WILL NOT DETERIORATE IN AREAS OF HEAVY GREASE OR WAXED FLOORS. UNIT SHALL HAVE A TEN YEAR WARRANTY. (UNIT SHALL BE ICC-ES LISTED: E-1070 AND IAPMO LISTED: C-4165).	--	--	--	PER PLAN	--
SNK-1	WALL-HUN HAND WASH SINK: PROVIDED BY KEC VENDOR AND INSTALLED BY PLUMBING CONTRACTOR. FAUCET: PROVIDED BY KEC VENDOR AND INSTALLED BY PLUMBING CONTRACTOR. TRIM: MANUFACTURED BY McQUIRE OR APPROVED EQUAL SHALL BE: 1) BASKET STRAINER (INCLUDED WITH SINK), 2) LEAD FREE QUARTER TURN BALL VALVE ANGLE STOP VALVES WITH RISERS AND ESCUTCHEONS, 3) CAST BODY P-TRAP WITH CLEANOUT - 1-1/2" INLET TO 1-1/2" OUTLET 17 GAUGE WASTE CHROME PLATED BRASS WASTE ARM AND ESCUTCHEON. (PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR), PROVIDE WITH TMV-1.	1/2"	1/2"	1/2"	1-1/2"	1-1/2"
SNK-2	DROP-IN HAND WASH SINK: PROVIDED BY KEC VENDOR AND INSTALLED BY PLUMBING CONTRACTOR. FAUCET: PROVIDED BY KEC VENDOR AND INSTALLED BY PLUMBING CONTRACTOR. TRIM: MANUFACTURED BY McQUIRE OR APPROVED EQUAL SHALL BE: 1) BASKET STRAINER (INCLUDED WITH SINK), 2) LEAD FREE QUARTER TURN BALL VALVE ANGLE STOP VALVES WITH RISERS AND ESCUTCHEONS, 3) CAST BODY P-TRAP WITH CLEANOUT - 1-1/2" INLET TO 1-1/2" OUTLET 17 GAUGE WASTE CHROME PLATED BRASS WASTE ARM AND ESCUTCHEON. (PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR), PROVIDE WITH TMV-1.	1/2"	1/2"	1/2"	1-1/2"	1-1/2"
SNK-3	WORK TABLE WITH INTEGRAL SINK: PROVIDED BY KEC VENDOR AND INSTALLED BY PLUMBING CONTRACTOR. FAUCET: PROVIDED BY KEC VENDOR AND INSTALLED BY PLUMBING CONTRACTOR. TRIM: PROVIDE 1) TWIST HANDLE LEVER WASTE FOR 3-1/2" INDUSTRY STANDARD SINK OPENING, 2) LEAD FREE QUARTER TURN BALL VALVE ANGLE STOP VALVES WITH RISERS AND ESCUTCHEONS, AND 3) BASKET STRAINER WITH INCLUDED ADAPTER FOR EITHER 2" OR 1-1/2" DRAIN OUTLET. PROVIDE KROWNE ROYAL SERIES TWIST WASTE DRAIN WITH 1-1/4" OVERFLOW OUTLET.	1/2"	1/2"	--	1-1/2" INDIRECT WASTE	--
SNK-4	MOP SINK: PROVIDED BY KEC VENDOR AND INSTALLED BY PLUMBING CONTRACTOR. FAUCET: PROVIDED BY KEC VENDOR AND INSTALLED BY PLUMBING CONTRACTOR.	1/2"	1/2"	--	2"	2"
SNK-5	THREE-COMPARTMENT BAR SINK: PROVIDED BY KEC VENDOR AND INSTALLED BY PLUMBING CONTRACTOR. FAUCET: PROVIDED BY KEC VENDOR AND INSTALLED BY PLUMBING CONTRACTOR. TRIM: PROVIDE 1) TWIST HANDLE LEVER WASTE FOR 3-1/2" INDUSTRY STANDARD SINK OPENING, 2) LEAD FREE QUARTER TURN BALL VALVE ANGLE STOP VALVES WITH RISERS AND ESCUTCHEONS, AND 3) BASKET STRAINER WITH INCLUDED ADAPTER FOR EITHER 2" OR 1-1/2" DRAIN OUTLET. PROVIDE KROWNE ROYAL SERIES TWIST WASTE DRAIN WITH 1-1/4" OVERFLOW OUTLET FOR EACH COMPARTMENT.	1/2"	1/2"	--	(3) 1-1/2" INDIRECT WASTE	--
SNK-6	WORK TABLE WITH INTEGRAL SINK: PROVIDED BY KEC VENDOR AND INSTALLED BY PLUMBING CONTRACTOR. FAUCET: PROVIDED BY KEC VENDOR AND INSTALLED BY PLUMBING CONTRACTOR. TRIM: PROVIDE 1) TWIST HANDLE LEVER WASTE FOR 3-1/2" INDUSTRY STANDARD SINK OPENING, 2) LEAD FREE QUARTER TURN BALL VALVE ANGLE STOP VALVES WITH RISERS AND ESCUTCHEONS, AND 3) BASKET STRAINER WITH INCLUDED ADAPTER FOR EITHER 2" OR 1-1/2" DRAIN OUTLET. PROVIDE KROWNE ROYAL SERIES TWIST WASTE DRAIN WITH 1-1/4" OVERFLOW OUTLET.	1/2"	1/2"	--	1-1/2" INDIRECT WASTE	--

ELECTRIC WATER HEATER SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	AREA SERVED	ENERGY SOURCE	TANK SIZE				INPUT (TOTAL Kw)	VOLTAGE PHASE FREQUENCY	AMPERAGE	RECOVERY @ 80 DEGREE RISE	NOTES
					GALLONS	DIAMETER	HEIGHT	WEIGHT ASME					
EWH-1	AO SMITH	DRE-52	KITCHEN	ELECTRIC	52	21.75"	55.25"	148	18.0	208 / 3 / 60	43.3	92	A,B,C,D,E,F

- A. 100 DEGREE TEMPERATURE RISE WITH 140 DEGREE OPERATING TEMPERATURE.
- B. SET TEMPERATURE CONTROL TO FACTORY MINIMUM OF 140 DEGREES.
- C. SOLID BRASS, TAMPER RESISTANT, DRAIN VALVE.
- D. FURNISH WITH IMMERSION THERMOSTATS.
- E. WATER HEATER HAS TWO EQUALLY SIZED ELEMENTS THAT OPERATE SIMULTANEOUSLY.
- F. WATER HEATER HAS A 6 YEAR STANDARD WARRANTY.

RECIRCULATION PUMP SCHEDULE

TAG	LOCATION	MANUFACTURER	MODEL NUMBER	DESIGN...			MOTOR				SYSTEM	NOTES
				FLOW (GPM)	HEAD (FEET)	RPM	VOLTS/ PHASE	FREQ. (HERTZ)	AMPS	HORSEPOWER/ WATTS		
HWP-1	KITCHEN	BELL & GOSSETT	NBF-25	3.0	8		120 / 1	60	1.33	1/6 HP / 160 WATTS	EWH-1	1,2,3

1 PUMP SHALL HAVE A NON-OVERLOADING MOTOR, SINGLE SPEED SWITCH WITH CERAMIC SHAFT SUPPORTED BY CARBON BEARINGS LUBRICATED BY THE CIRCULATING FLUID. MOUNTING FLANGE SIZE SHALL BE THE SAME SIZE AS THE PIPE SIZE.

2 PROVIDE A HONEYWELL MODEL L4006B STRAP-ON AQUASTAT WITH TEMPERATURE RANGE OF 100 TO 180 DEGREE FAHRENHEIT. CONTROLLED PUMP SHALL OPERATE WHEN THERE IS A 20 DEGREE DIFFERENTIAL BETWEEN WATER HEATER SET POINT OF 180 DEGREES AND RETURN TEMPERATURE.

3 PROVIDE SEPARATE 24 HOUR TIMER PROGRAMMABLE IN 15 MINUTE INTERVALS. COORDINATE WITH OWNER FOR SETTING TIMER. TIMER SHALL BE ON 30 MINUTES BEFORE START OF OPERATIONS, OFF AT END OF DAY OPERATIONS. PROVIDE SUPPORT FOR PUMP INDEPENDENT OF PIPING.

DOMESTIC WATER THERMAL EXPANSION TANK SCHEDULE

TAG	LOCATION	MANUFACTURER	MODEL NUMBER	TANK RATING	VOLUME (GALLONS)		TANK		WEIGHT AT CAPACITY *	SYSTEM CONNECTION	INITIAL FILL PRESSURE	SYSTEM	NOTES
					TANK	ACCEPTANCE	DIAMETER	HEIGHT					
ET-1	KITCHEN	RHEEM	RRT-5	NON-ASME	2.0	0.9	8.0	12-5/8"	13 LBS.	3/4" NPTM	NOTE 1	EWH-1	1, 2, 3

1. UNIT IS PRECHARGED AT THE FACTORY. NON-ASME THERMAL EXPANSION TANKS PRECHARGED TO 40 PSI, ASME RATED THERMAL EXPANSION TANKS PRECHARGED TO 55 PSI, COMPLETE THE CHARGE TO THE STATIC SUPPLY PRESSURE AT THE TANKS LOCATION.

2. SUSPEND TANK FROM PIPING. PROPERLY SUPPORT PIPING IN EACH SIDE OF THE TANK.

3. TANK IS A NOT ASME RATED.

* WEIGHT INCLUDES ACCEPTANCE WATER AT CAPACITY, FOR A TANK RATED AT 150 PSI WORKING PRESSURE.

PIPING MATERIAL SCHEDULE

SYSTEM	PIPING				FITTINGS				MAX. WORKING		FIELD TEST	
	SIZE	TYPE	SCHEDULE	GRADE	ASTM	MATERIAL	MATERIAL	TYPE	PRESSURE (PSI)	TEMP. (DEG. F.)	PRESSURE (PSI)	TIME
SANITARY GREASE WASTE (ABOVE GRADE)	ALL	N/A	N/A	N/A	A 888	CI	CI	NH	4.33	-	4.33	2 HR
SANITARY VENT (ABOVE GRADE)	ALL	N/A	40	N/A	D 2665	PVC	PVC	SF	4.33	-	4.33	2 HR

NOTES:
BLK- BLACK
CI- CAST IRON
CP- COPPER
CS- CARBON STEEL
MI- MALLEABLE IRON

S-BRAZED JOINT
SJ-SOLDER JOINT
THRD-THREADED
WELD-WELDED
WC - WROUGHT COPPER

SF - SOCKET FITTINGS
NH-NO HUB

NOTE: PVC NOT ALLOWED IN OPEN AIR SPACE OR RETURN AIR PLENUMS.

PIPING MATERIAL SCHEDULE

SYSTEM	PIPING				FITTINGS				MAX. WORKING		FIELD TEST	
	SIZE	TYPE	SCHEDULE	GRADE	ASTM	MATERIAL	MATERIAL	TYPE	PRESSURE (PSI)	TEMP. (DEG. F.)	PRESSURE (PSI)	TIME
DOMESTIC COLD WATER (ABOVE GRADE)	ALL	L	N/A	N/A	B88	CP	WC	SJ	100	180	150	2 HR
DOMESTIC HOT WATER/HOT WATER RECIRC. (ABOVE GRADE)	ALL	L	N/A	N/A	B88	CP	WC	SJ	100	180	150	2 HR

NOTES:
BLK- BLACK
CI- CAST IRON
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S-BRAZED JOINT
SJ-SOLDER JOINT
THRD-THREADED
WELD-WELDED
WC - WROUGHT COPPER

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WILMINGTON INTERNATIONAL AIRPORT
1740 AIRPORT BLVD.
WILMINGTON, NC, 28405
BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	60% SUBMITTAL	06/23/2023

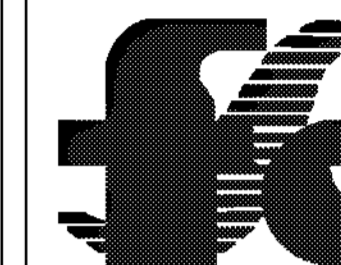
PLUMBING SCHEDULES

Project number: 2023-019
Date: 06-23-2023
Drawn by: Author
Checked by: LU

P600

Scale

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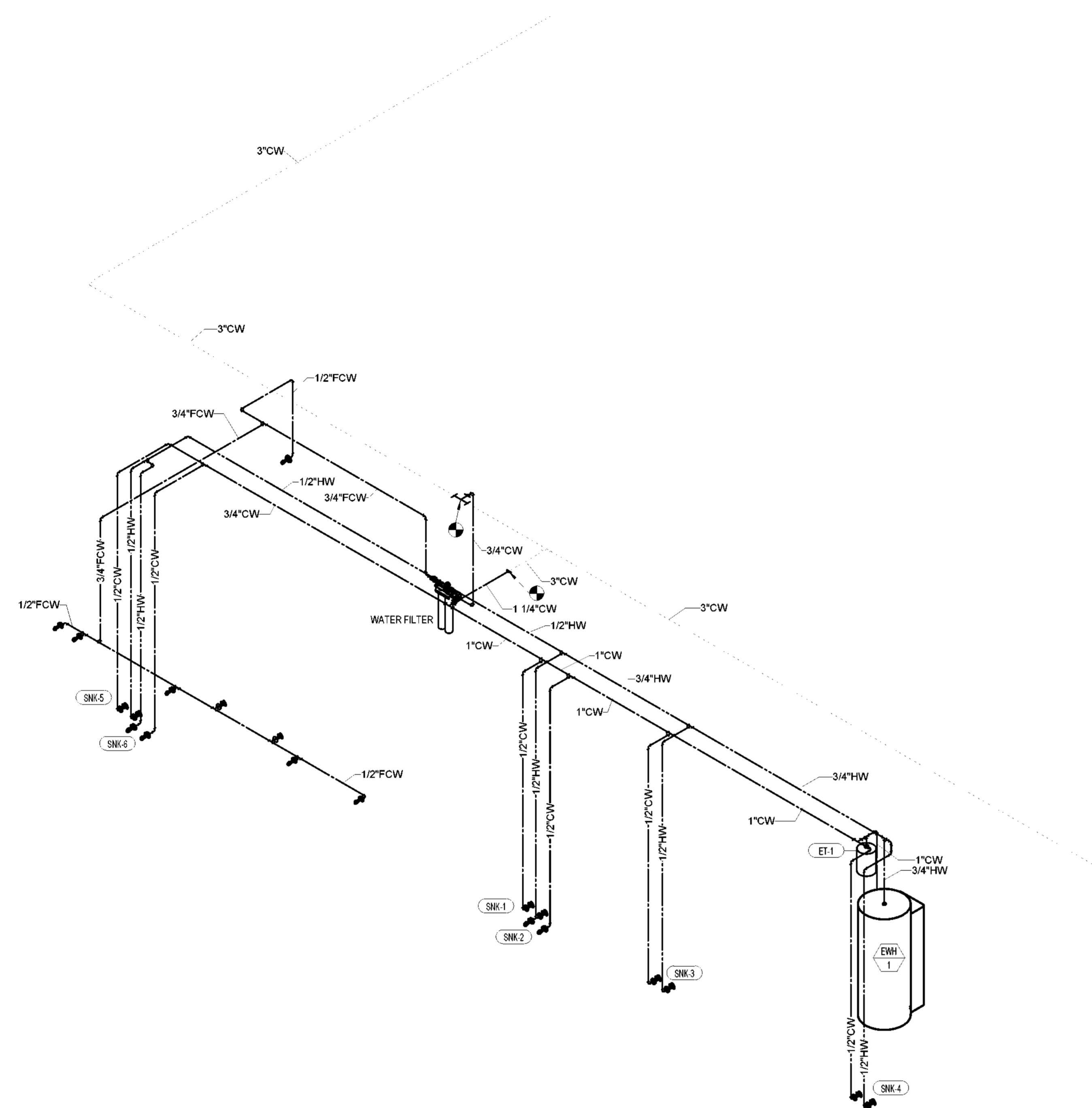
No.	Description	Date
1	80% SUBMITTAL	06/23/2023

**PLUMBING
DOMESTIC WATER
RISER**

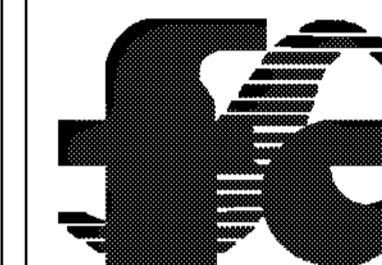
Project number 2023-019
Date 06-23-2023
Drawn by LU
Checked by LU

P700

Scale



PIPING ISOMETRIC - DOMESTIC WATER
1 - BOARDING LEVEL



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SPACE: A, B, AND C

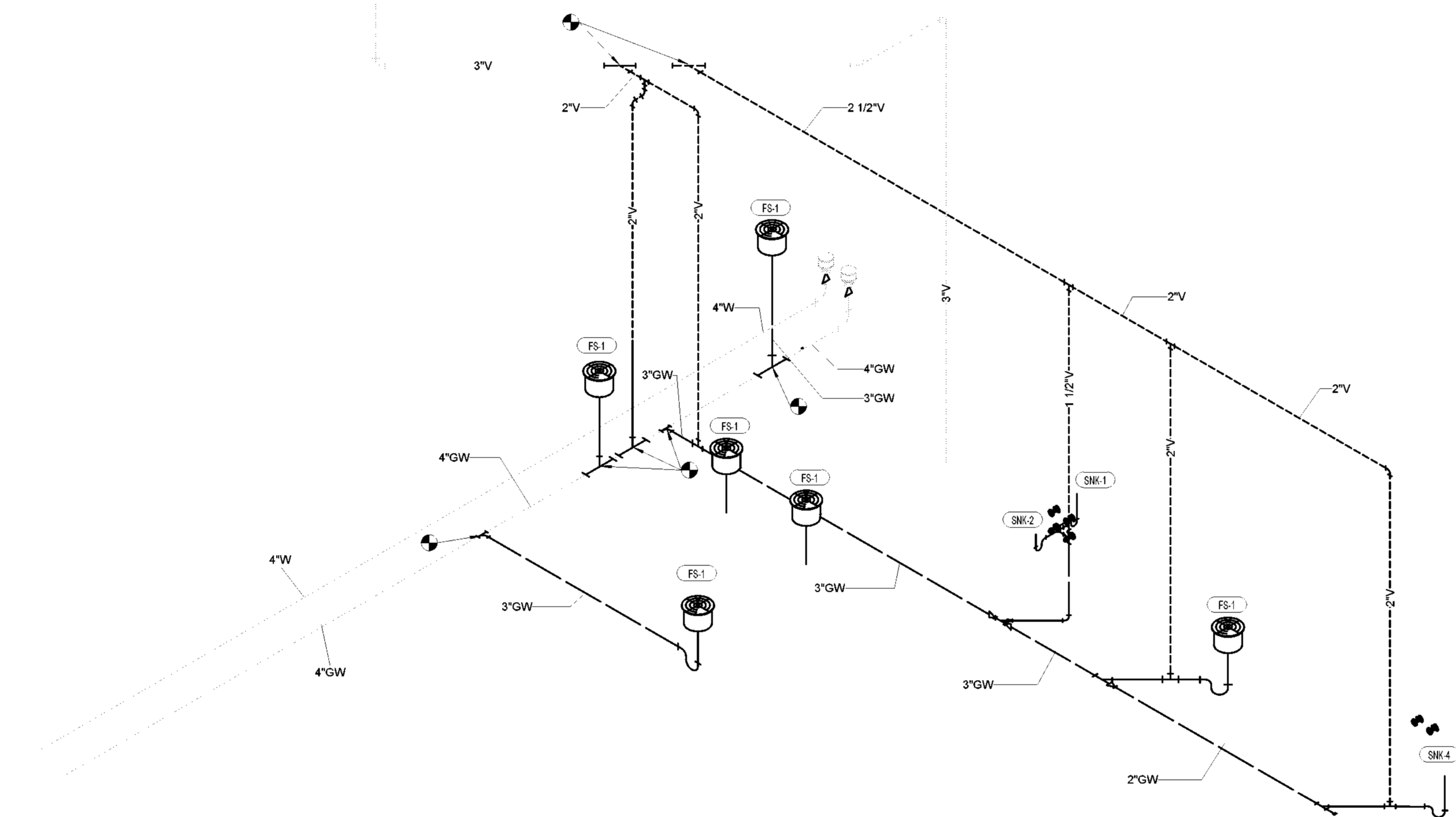
No.	Description	Date
1	80% SUBMITTAL	06/23/2023

**PLUMBING
SANITARY RISER**

Project number	2023-019
Date	06-23-2023
Drawn by	Author
Checked by	LU

P710

Scale



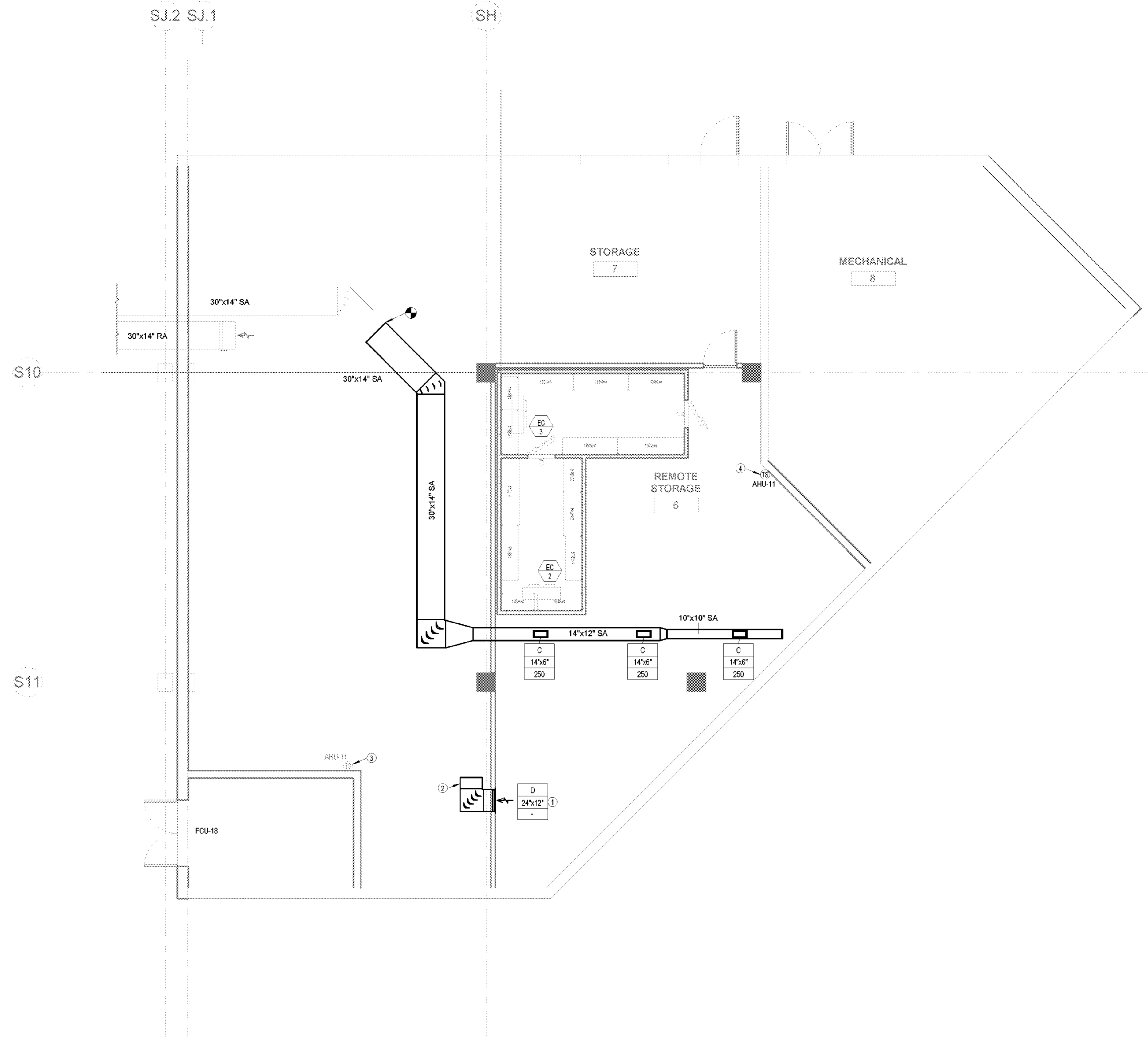
① PIPING ISOMETRIC - WASTE AND VENT - BOARDING LEVEL

GENERAL NOTES

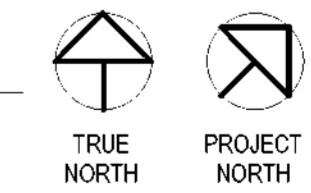
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- FIELD VERIFY AND COORDINATE WITH EXISTING JOIST LOCATIONS BEFORE CREATING NEW PENETRATIONS IN ROOF.
- REFERENCE KITCHEN EQUIPMENT FOR FURTHER DETAILS. COORDINATE WITH KITCHEN EQUIPMENT SUPPLIER PRIOR TO INSTALLATION OF KITCHEN EXHAUST OR MAKE UP AIR EQUIPMENT DUCTWORK.
- DUCT SIZES SHOWN ARE AIR OPENING SIZE.
- SEE DETAIL 1M500 FOR FLEXIBLE DUCT CONNECTION TO AIR INLET/OUTLET DETAIL.

PLAN NOTES:

- MOUNT RETURN GRILLE AT 11'-0" AFF TO CENTER OF GRILLE.
- INSTALL RETURN AIR TRANSFER BOOT INTERNALLY LINED WITH ACOUSTICAL DUCT LINER. SEE DETAIL 6M500.
- EXISTING TEMPERATURE SENSOR TO REMAIN. PROTECT DURING CONSTRUCTION.
- PROVIDE AND INSTALL NEW SYSTEM COMPATIBLE TEMPERATURE SENSOR FOR TEMPERATURE AVERAGING.



RAMP LEVEL - NEW WORK FLOOR PLAN
 ① - MECHANICAL
 3/16" = 1'-0"



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 SPACE: A, B, AND C

No.	Description	Date
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MECHANICAL NEW WORK PLAN - RAMP LEVEL

Project number: 2023-019
 Date: 06-23-2023
 Drawn by: Author
 Checked by: LU

M100

Scale: As indicated

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PLAN NOTES:

- EXISTING SUPPLY DIFFUSER TO REMAIN. REBALANCE AIRFLOW AS NOTED.
- EXISTING BLOWER COIL TO REMAIN. SEE BLOWER COIL SCHEDULE ON SHEET M600 FOR REBALANCING OF EQUIPMENT.
- EXISTING RETURN GRILLE TO REMAIN.
- SEE DETAIL 5M500 FOR TYPICAL RETURN AIR BOOT DETAIL.
- RELOCATED TEMPERATURE SENSOR. EXTEND EXISTING CONTROL WIRING TO NEW LOCATION AS REQUIRED.

#

GENERAL NOTES:

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- DUCT SIZES SHOWN ARE AIR OPENING SIZE.
- SEE DETAIL 1M500 FOR FLEXIBLE DUCT CONNECTION TO AIR INLET/OUTLET DETAIL.

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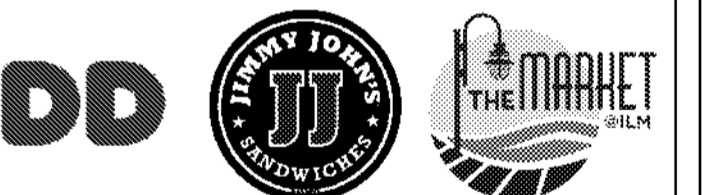
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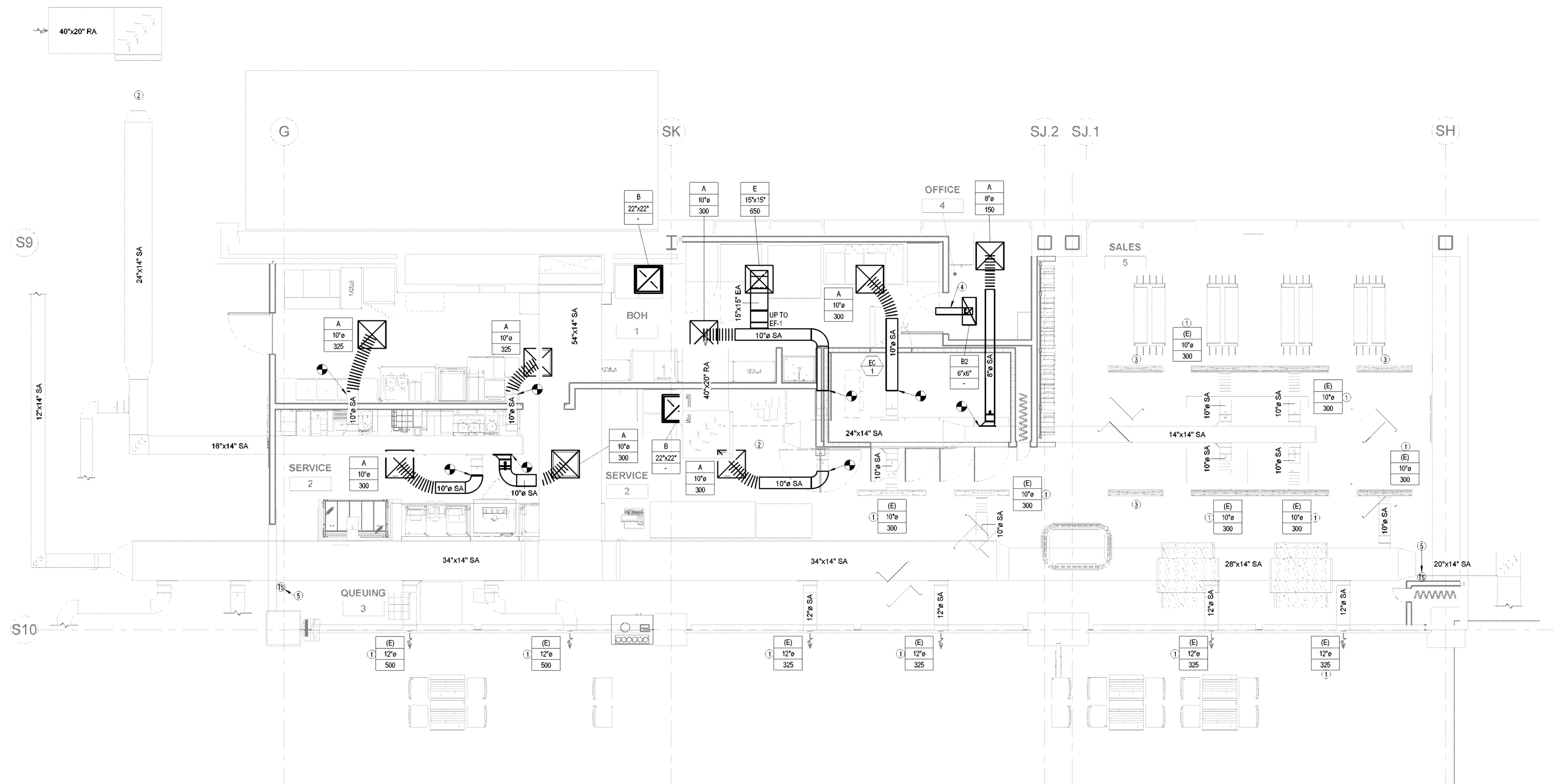
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**MECHANICAL FLOOR
PLAN - BOARDING
LEVEL**

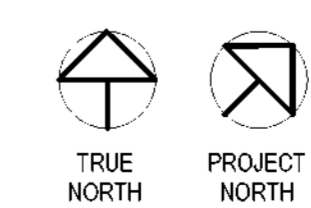
Project number	2023-019
Date	06-23-2023
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M101

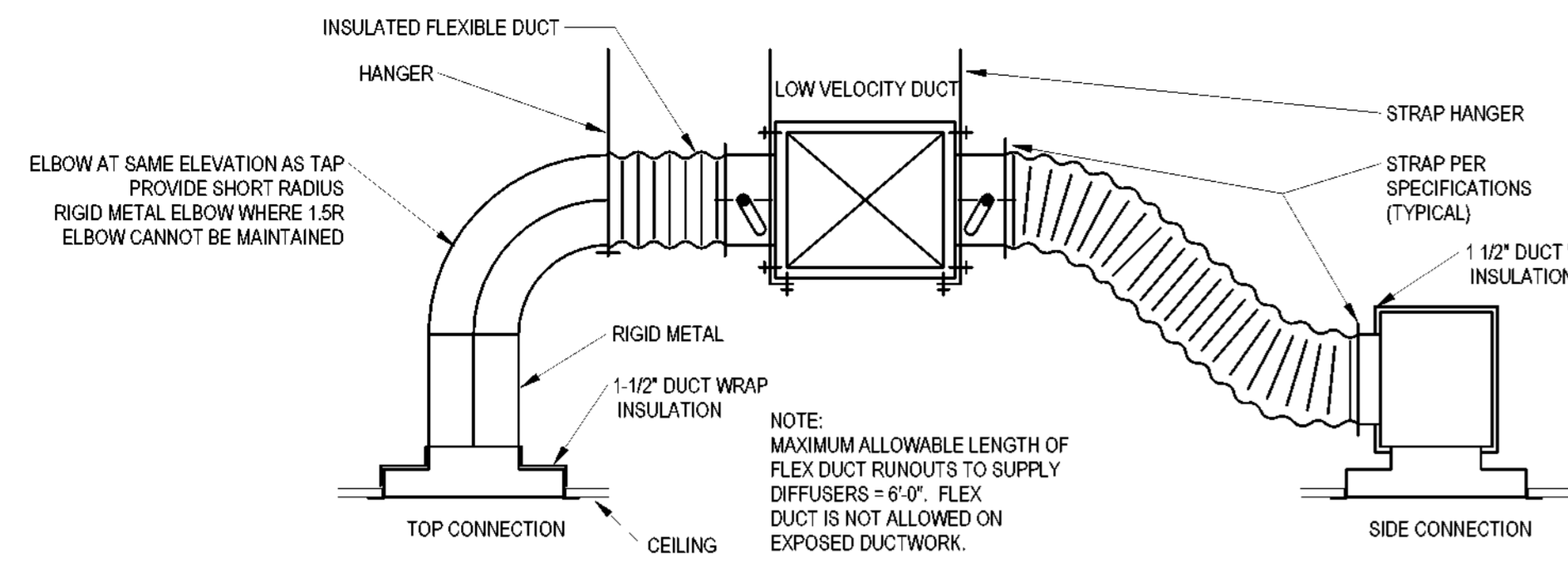
Scale 1/4" = 1'-0"



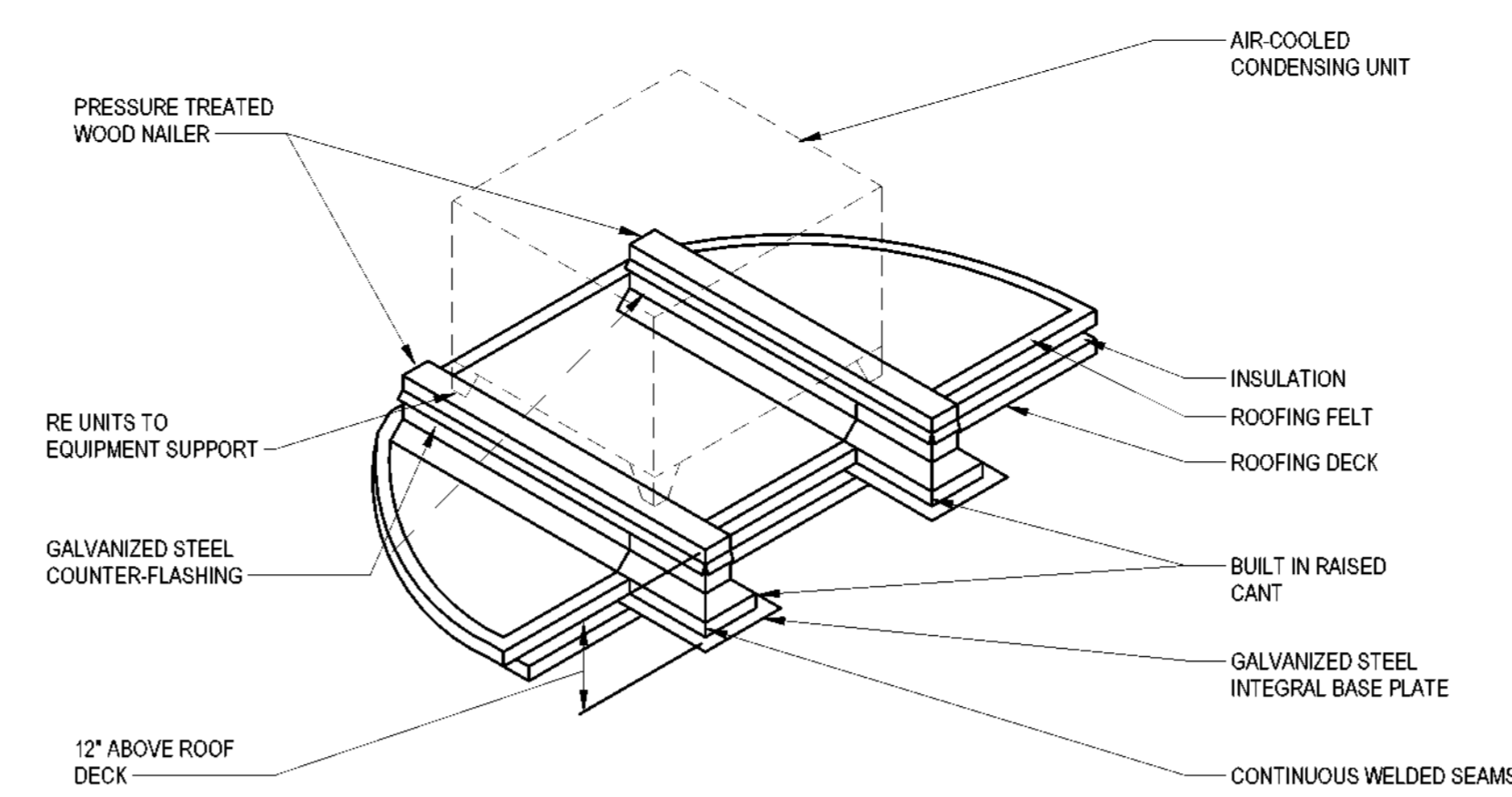
BOARDING LEVEL - NEW WORK FLOOR
PLAN - MECHANICAL
1/4" = 1'-0"



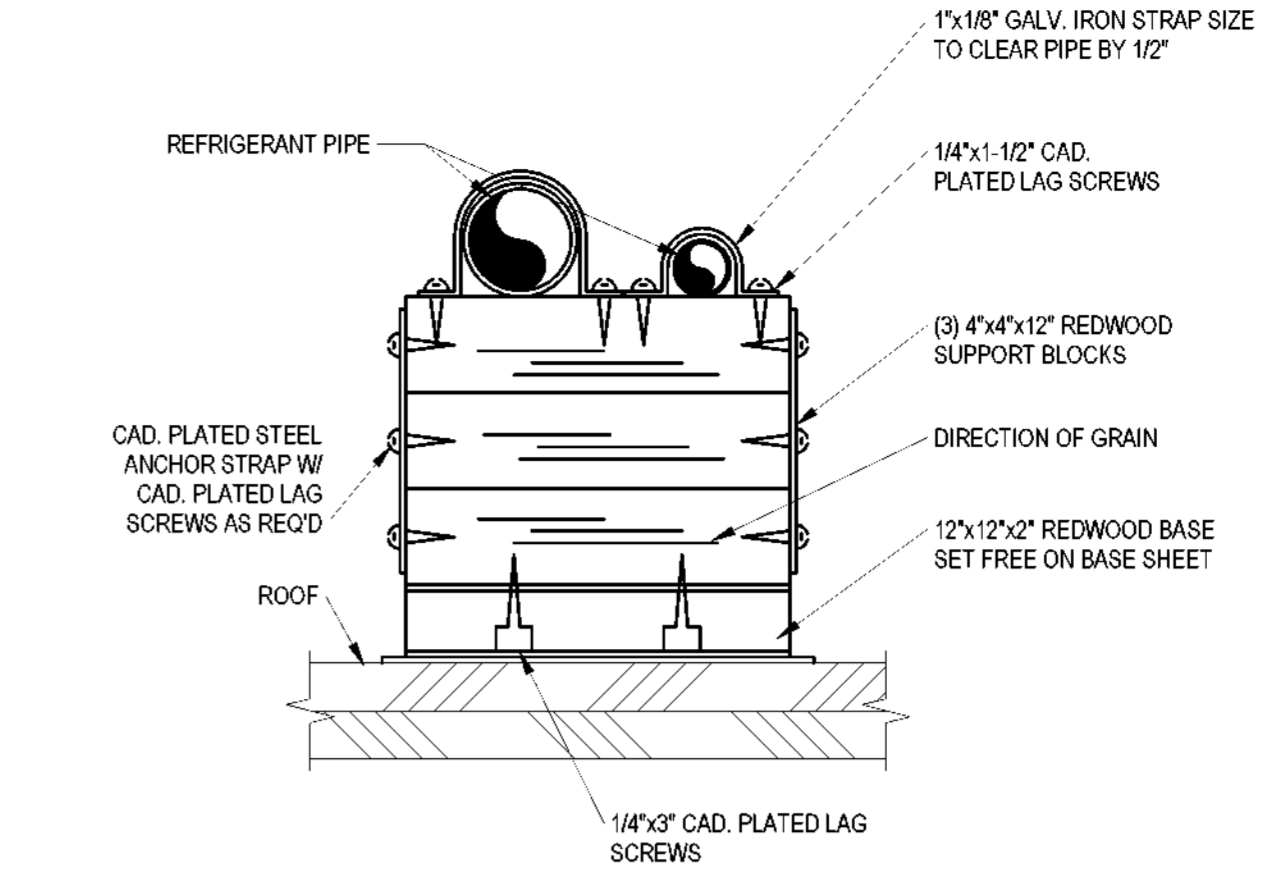
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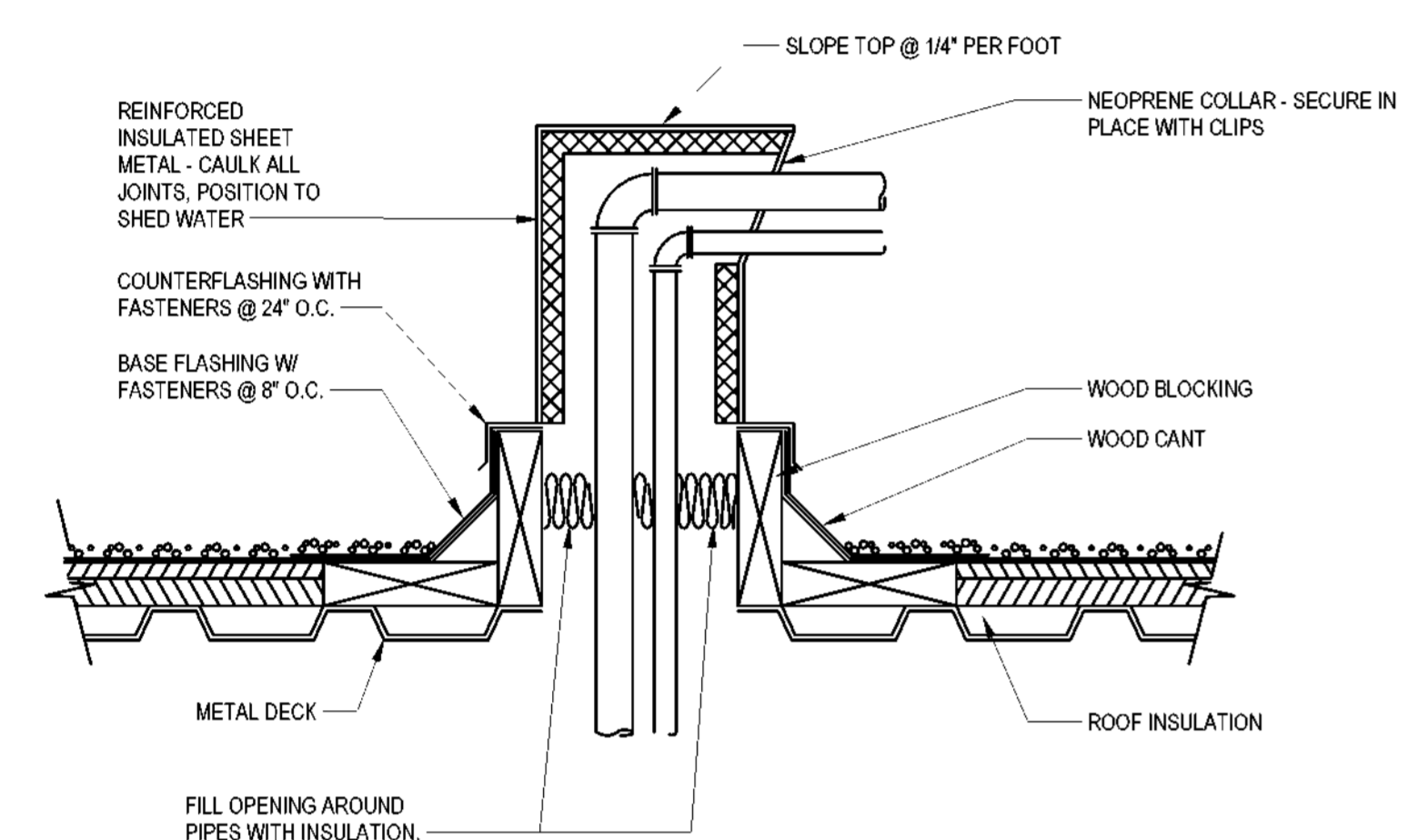
1 FLEXIBLE DUCT CONNECTION TO AIR OUTLET/INLET
12" = 1'-0"



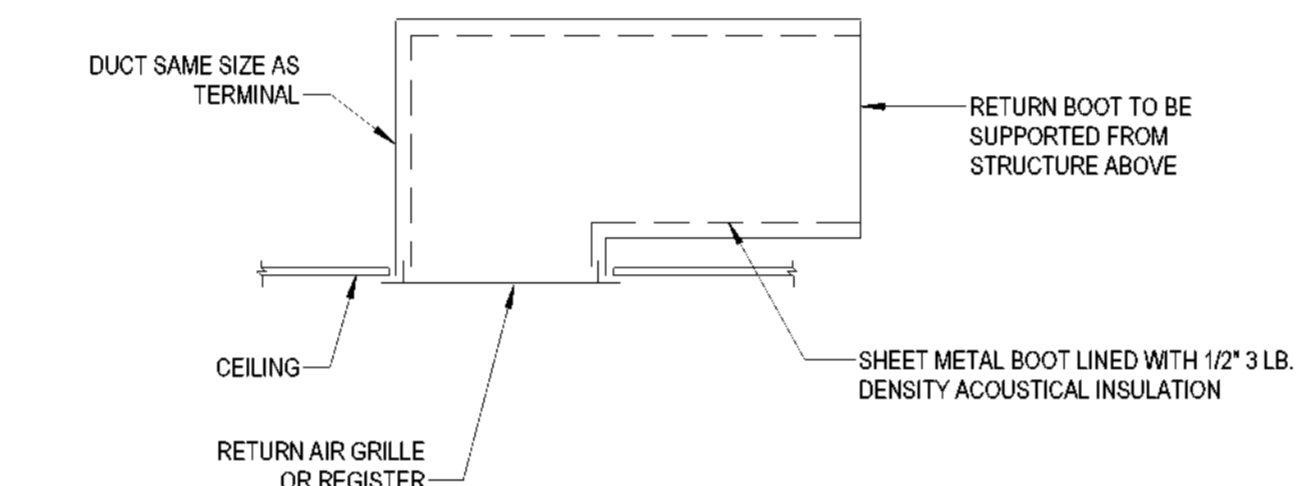
2 EQUIPMENT SUPPORT
12" = 1'-0"



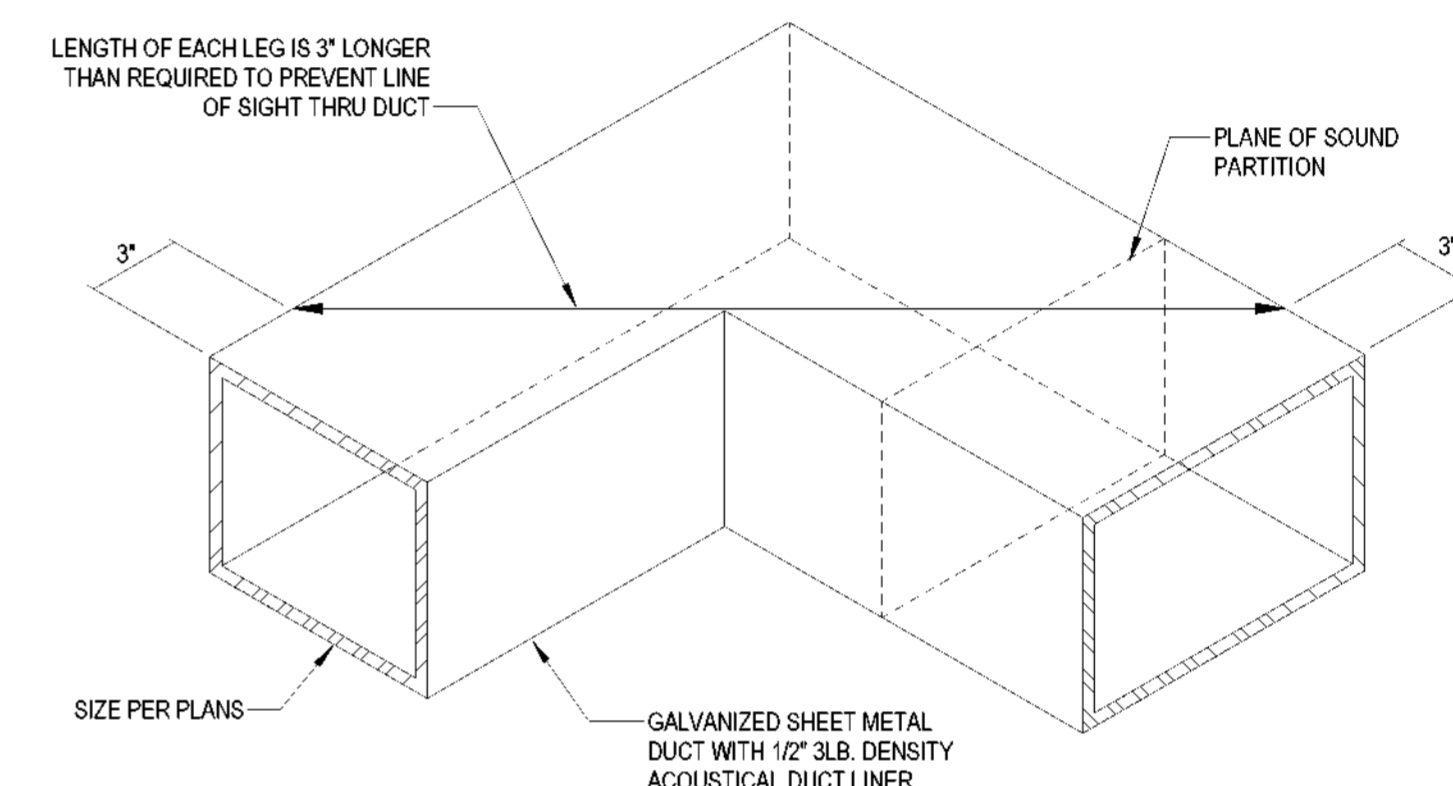
3 REFRIGERENT PIPE SUPPORT DETAIL
12" = 1'-0"



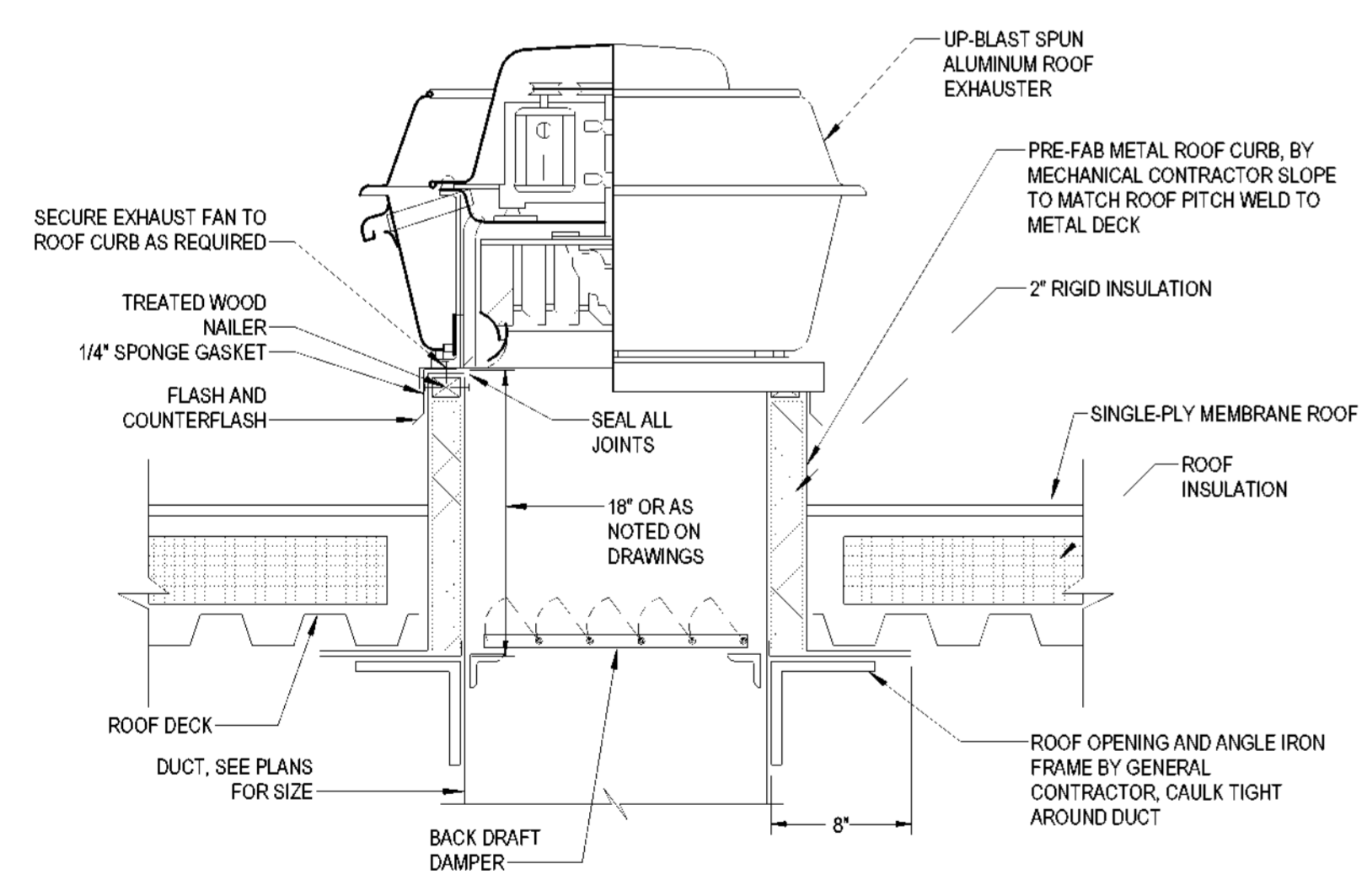
4 MULTIPLE PIPE ROOF PENETRATION
12" = 1'-0"



5 RETURN BOOT DETAIL
12" = 1'-0"



6 TRANSFER RETURN AIR BOOT DETAIL
12" = 1'-0"



7 EXHAUST FAN DETAIL
12" = 1'-0"

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MECHANICAL
DETAILS

Project number 2023-019
Date 06-23-2023
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M500

Scale 12" = 1'-0"

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**MECHANICAL
SCHEDULES**

Project number 2023-019
Date 06-23-2023
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M600

Scale

BLOWER COIL SCHEDULE (BC)

TAG	MANUFACTURER	MODEL	DESIGN AIR FLOW RATE (CFM)	MAXIMUM WIDE OPEN PRESSURE DROP (IN W.C.)	MOTOR HORSEPOWER	FAN RPM	HOT WATER COIL					CHILLED WATER COIL					NOTES	
							LAT (°F DB)	HEATING CAPACITY MBH	WATER FLOW (GPM)	ROWS	ENTERING WATER TEMP (°F DB)	LEAVING WATER TEMP (°F DB)	LAT (°F DB)	COOLING CAPACITY MBH	WATER FLOW (GPM)	ROWS		ENTERING WATER TEMP (°F DB)
BCAHU-17	TRANE	BCHD072		0.5	3				2	150					4	44		1
BCAHU-18	TRANE	BCHD072		0.5	3				2	150					4	44		1
TOTAL	-	-	0	-	-	-	-	0.0	0.0	-	-	-	-	0.0	0.0	-	-	-

NOTES:
1. UNIT IS EXISTING TO REMAIN. REBALANCE AIRFLOW AND HYDRONIC FLOW AS NOTED.

EXHAUST FAN SCHEDULE

TAG	MANUFACTURER	MODEL	TYPE	CFM	ESTIMATED ESP (IN W.G.)	ELECTRICAL			RPM	NOTES
						VOLTAGE	PHASE	HP		
EF-1	COOK	ACRUD 101R15D	ROOF UPBLAST	650	0.250	120	1	1/6	1550	1,2,3,4

NOTES:
1. UNIT TO BE SUPPLIED WITH FACTORY MOUNTED DISCONNECT AND FAN SPEED CONTROLLER.
2. PROVIDE RELAY TO PROGRAMMABLE THERMOSTAT FOR BLOWER COIL, SO THAT WHEN BLOWER COIL IS IN THE OCCUPIED MODE, EF-1 RUNS CONTINUOUSLY.
3. INSTALL FAN ON FACTORY CURB PER THE MANUFACTURER'S SPECIFICATIONS.
4. PROVIDE WITH BACKDRAFT DAMPER AND BIRD SCREEN.

HVAC DESIGN PARAMETERS

SUMMER	INSIDE TEMPERATURE/HUMIDITY	74°F DB/50% RH
	OUTSIDE TEMPERATURE	92°F DB/76°F WB*
WINTER	INSIDE TEMPERATURE	70°F DB
	OUTSIDE TEMPERATURE	28°F DB *
	WALL U-VALUE	0.078 BTU/(h·FT ² ·SQ·°F)*
	WINDOW U-VALUE	0.5 BTU/(h·FT ² ·SQ·°F)*
	ROOF U-VALUE	0.040 BTU/(h·FT ² ·SQ·°F)*
	SHADING COEFFICIENT	0.29†

* BASED ON ASHRAE 2017 FUNDAMENTALS

AIR INLET/OUTLET SCHEDULE

TAG	MANUFACTURER	MODEL	TYPE	FACE SIZE	NOTES
A	TITUS	PAS	PERFORATED SUPPLY DIFFUSER	24x24	1,2
B1	TITUS	PAR	CEILING PERFORATED RETURN GRILLE	24x24	1
B2	TITUS	PAR	CEILING PERFORATED RETURN GRILLE	12x24	1
C	TITUS	300RL	WALL-MOUNTED SUPPLY GRILLE	(SEE DWGS)	1,3
D	TITUS	350RL	WALL-MOUNTED RETURN GRILLE	(SEE DWGS)	1,3

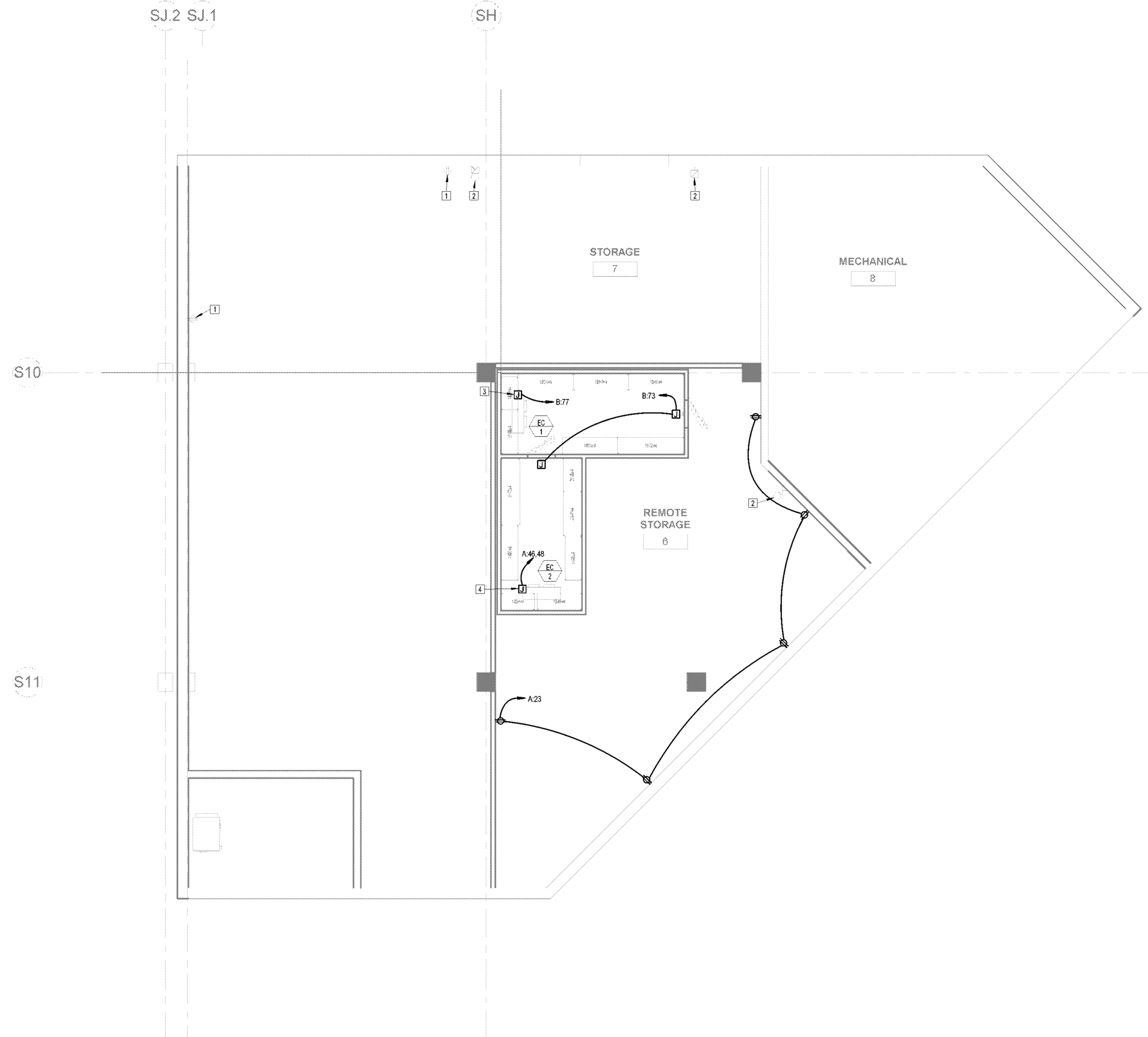
NOTES:
1. UNIT TO BE WHITE UNLESS SPECIFIED BY ARCHITECT.
2. PROVIDE WITH OPPOSED BLADE DAMPER.
3. PROVIDE WITH INTEGRAL OPPOSED BLADE DAMPER WITH OPERATOR ACCESSIBLE FROM GRILLE'S FACE.

GENERAL NOTES

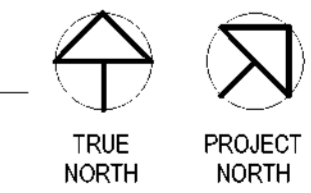
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- CONTRACT TO VERIFY ALL ELECTRICAL REQUIREMENTS, PUG CONFIGURATIONS, DEVICE HEIGHTS, LOCATIONS OF KITCHEN EQUIPMENT WITH KITCHEN EQUIPMENT VENDOR.
- COORDINATE FINAL QUANTITY OF KITCHEN EQUIPMENT WITH OWNER PRIOR TO ROUGH-IN OF BOXES, CONDUITS OR CIRCUITRY.
- COORDINATE ALL CATS CABLE TERMINATIONS FOR DATA AND SECURITY WITH TENANT PRIOR TO ROUGH-IN.
- PROVIDE ROUGH-IN AND PULL CORDS IN EMPTY CONDUITS FOR SECURITY, DATA AND MULTI-MEDIA DEVICES.
- FABER TO PROVIDE ALL CAT6 CABLING.
-

PLAN NOTES:

- EXISTING DEVICE TO REMAIN. MAINTAIN EXISTING BRANCH CIRCUITRY AND CIRCUIT BREAKER(S).
- EXISTING FIRE ALARM DEVICE TO REMAIN.
- PROVIDE 120V, 1-POLE MOTOR RATED TOGGLE SWITCH FOR COOLER EVAPORATOR IN NEMA-3R ENCLOSURE. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
- PROVIDE 208V, 1-POLE MOTOR RATED TOGGLE SWITCH FOR COOLER EVAPORATOR IN NEMA-3R ENCLOSURE. INSTALL PER MANUFACTURERS RECOMMENDATIONS.



RAMP LEVEL - NEW WORK FLOOR PLAN
 ① - POWER
 3/16" = 1'-0"



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 1740 AIRPORT BLVD,
 WILMINGTON, NC, 28405
 BOARDING LEVEL, ZONE 1
 SPACE: A, B, AND C

No.	Description	Date
1	80% SUBMITTAL	06/23/2023

POWER FLOOR PLAN - RAMP LEVEL

Project number: 2023-019
 Date: 06-23-2023
 Drawn by: Author
 Checked by: LU

E100

Scale: As indicated

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PLAN NOTES:

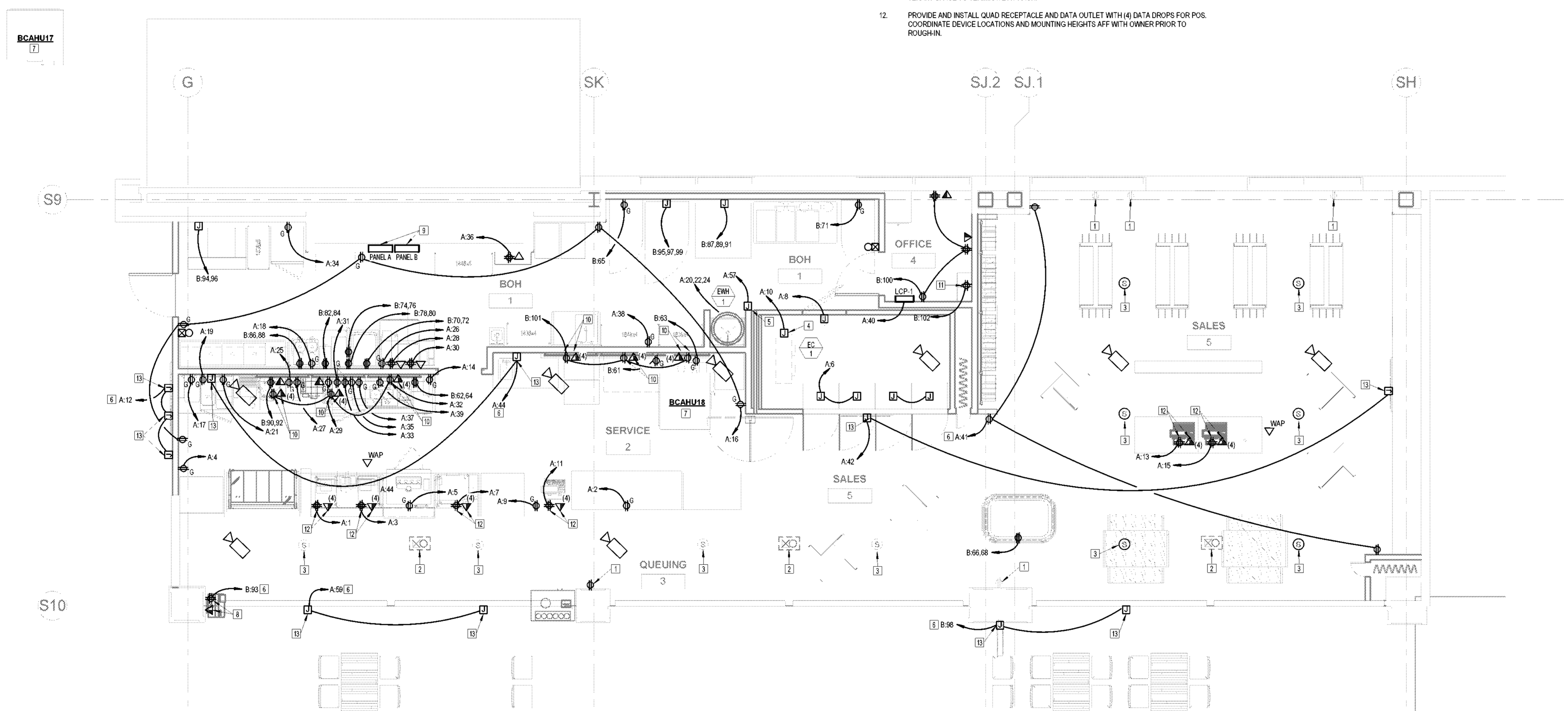
13. PROVIDE J-BOX IN CONCEALED LOCATION AND PROVIDE CONNECTION TO LOCKABLE DISCONNECT SWITCH IN ELEC. ROOM WITHIN SITE OF LIGHTING CONTROL PANEL FOR SIGNAGE. CONTRACTOR SHALL FIELD LOCATE J-BOX. COORDINATE WITH SIGNAGE MANUFACTURER FOR CIRCUITING REQUIREMENTS.
14. PROVIDE 208V, 2P MOTOR RATED TOGGLE SWITCH FOR COOLER EVAPORATOR. INSTALL PER MANUFACTURERS RECOMMENDATIONS.

PLAN NOTES:

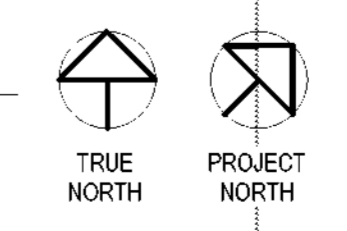
1. EXISTING DEVICE TO REMAIN. MAINTAIN EXISTING BRANCH CIRCUITRY AND CIRCUIT BREAKER(S).
2. EXISTING FIRE ALARM DEVICE TO REMAIN.
3. EXISTING SPEAKER TO REMAIN. PROTECT DURING CONSTRUCTION.
4. PROVIDE 120V, 1-POLE MOTOR RATED TOGGLE SWITCH FOR COOLER EVAPORATOR IN NEMA-3R ENCLOSURE. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
5. PROVIDE 120V CONNECTION FOR CIRCULATION PUMP AND TIMER. PROVIDE MOTOR RATED TOGGLE SWITCH AS DISCONNECTING MEANS FOR HOT WATER CIRCULATION PUMP. INSTALL PER MANUFACTURERS RECOMMENDATIONS. COORDINATE WITH PLUMBING CONTRACTOR. CONTRACTOR SHALL FIELD LOCATE J-BOX AND SWITCH ABOVE ACCESSIBLE CEILING.
6. CIRCUIT NOTED BRANCH CIRCUIT THROUGH LIGHTING CONTROL PANEL FOR AUTOMATIC ON/OFF CONTROL OF SIGNAGE.
7. EXISTING DEVICES ASSOCIATED WITH BLOWER COIL TO REMAIN. MAINTAIN EXISTING BRANCH CIRCUITRY AND CIRCUIT BREAKER(S).
8. PROVIDE AND INSTALL QUAD RECEPTACLE AND DATA OUTLET WITH (2) DATA DROPS FOR SELF-SERVE KIOSK. COORDINATE DEVICE LOCATIONS AND MOUNTING HEIGHTS AFF WITH OWNER PRIOR TO ROUGH-IN.
9. SEE ONE-LINE DIAGRAM ON SHEET E500 FOR ADDITIONAL INFORMATION ON ELECTRICAL EQUIPMENT.
10. PROVIDE DUPLEX RECEPTACLE AND DATA OUTLET WITH (4) DATA DROPS FOR WALL MOUNTED TV. COORDINATE MOUNTING HEIGHT AND DEVICE LOCATION WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.
11. PROVIDE AND INSTALL QUAD RECEPTACLE FOR COMMUNICATIONS RACK POWER. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN. FIBER CABLE TO BE EXTENDED FROM EXISTING TELECOMM ROOM. ALL CAT6 CABLING WITHIN TENANT SPACE TO TERMINATE AT RACK.
12. PROVIDE AND INSTALL QUAD RECEPTACLE AND DATA OUTLET WITH (4) DATA DROPS FOR POS. COORDINATE DEVICE LOCATIONS AND MOUNTING HEIGHTS AFF WITH OWNER PRIOR TO ROUGH-IN.

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3. COORDINATE FINAL QUANTITY OF KITCHEN EQUIPMENT WITH OWNER PRIOR TO ROUGH-IN OF BOXES, CONDUITS OR CIRCUITRY.
4. COORDINATE ALL CAT5 CABLE TERMINATIONS FOR DATA AND SECURITY WITH TENANT PRIOR TO ROUGH-IN.
5. PROVIDE ROUGH-IN AND PULL CORDS IN EMPTY CONDUITS FOR SECURITY, DATA AND MULTI-MEDIA DEVICES.
6. FABER TO PROVIDE ALL CAT6 CABLING.



BOARDING LEVEL - NEW WORK FLOOR
 PLAN - POWER
 1/4" = 1'-0"



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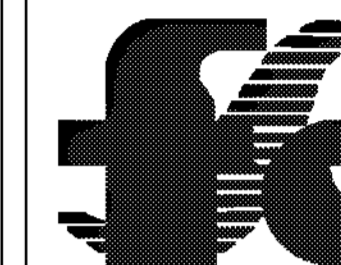
No.	Description	Date
1	80% SUBMITTAL	06/23/2023

POWER FLOOR PLAN - BOARDING LEVEL

Project number: 2023-019
 Date: 06-23-2023
 Drawn by: Author
 Checked by: LU

E101

Scale: 1/4" = 1'-0"



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BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	80% SUBMITTAL	06/23/2023

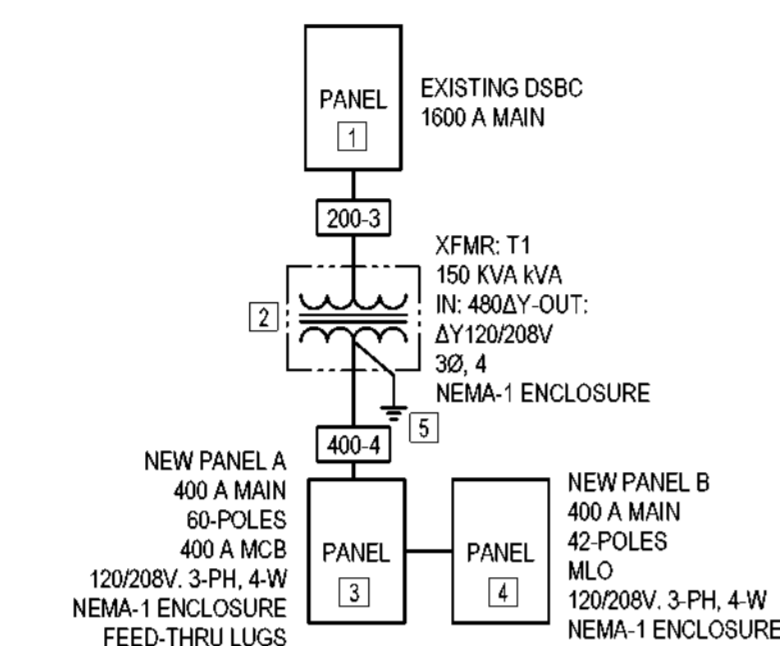
**ELECTRICAL
DETAILS**

Project number	2023-019
Date	06-23-2023
Drawn by	Author
Checked by	LU

E500

Scale 12" = 1'-0"

TAG	MAX OCP	SETS	PHASE CONDUCTORS	GROUND CONDUCTOR	CONDUIT	NOTES
400-4	?	?	?	?	?	?
200-3	?	?	?	?	?	?



1 ELECTRICAL ONE-LINE
12" = 1'-0"

PLAN NOTES:

- NEW 400-AMP, 3-POLE BREAKER TO BE PROVIDED AND INSTALLED IN EXISTING PANELBOARD DSBC BY ELECTRICAL CONTRACTOR.
- PROVIDE NEW 150KVA DRY-TYPE TRANSFORMER IN NEMA-1 ENCLOSURE. INSTALL SUSPENDED OR PAD-MOUNTED IN SOURCE ELECTRICAL ROOM.
- PROVIDE 400 AMP, 60-POLE, 120/208V, 3-PHASE, 4-WIRE PANELBOARD WITH 400 AMP MAIN CIRCUIT BREAKER AND FEED-THRU LUGS. PROVIDE PANELBOARD WITH SOLID NEUTRAL. SEE PANELBOARD SCHEDULE ON SHEET E800 FOR ADDITIONAL INFORMATION.
- PROVIDE 400 AMP, 42-POLE, 120/208V, 3-PHASE, 4-WIRE PANELBOARD WITH MAIN LUGS ONLY. PROVIDE PANELBOARD WITH SOLID NEUTRAL. SEE PANELBOARD SCHEDULE ON SHEET E800 FOR ADDITIONAL INFORMATION.
- PROVIDE #4 AWG CU GROUND AND CONNECT TO EXISTING MAIN GROUND BAR.

Branch Panel: A

Location: Supply From: Mounting: Surface Enclosure: Type 1

Volts: 120/208 (3Ø-4W) Phases: 3 Wires: 4

A.I.C. Rating: Mains Type: MCB Mains Rating: 225 A MCB Rating: 100 A

Notes:

Table with columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Lists various equipment like POS SYSTEM, REFRIGERATOR, DAIRY DISPENSER, etc.

Legend:

Table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals. Includes categories like Other, LIGHTING, MOTORS, etc.

Notes: *PANEL SHALL HAVE LOCKABLE HINGED DOOR **CIRCUIT BREAKERS USED FOR PROTECTION OF HVAC EQUIPMENT SHALL BE HACR TYPE BREAKERS. ***PROVIDE UP TO 65,000 RMS SYMMETRICAL AMPS. COORDINATE WITH LOCAL UTILITY COMPANY FOR AVAILABLE RMS SYMMETRICAL AMPS.

GENERAL NOTES

1. PROVIDE TYPE WRITTEN PANEL DIRECTORIES AND INSERT IN CLEAR PLASTIC COVER ON INSIDE OF PANEL DOOR.

PANELBOARD SCHEDULE NOTES

- 1. PROVIDE LOCK-ON TYPE BREAKER.
2. ROUTE BRANCH CIRCUIT THROUGH LIGHTING CONTROL PANEL FOR AUTOMATIC ON/OFF CONTROL.
3. PROVIDE GFCI TYPE BREAKER.

Branch Panel: B

Location: Supply From: Mounting: Surface Enclosure: Type 1

Volts: 120/208 (3Ø-4W) Phases: 3 Wires: 4

A.I.C. Rating: Mains Type: MCB Mains Rating: 225 A MCB Rating: 100 A

Notes:

Table with columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Lists various equipment like REFRIGERATED PREP TABLE, SLICER, REACH IN REFRIGERATOR, etc.

Legend:

Table with columns: Load Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals. Includes categories like Other, KITCHEN - COMMERCIAL, RECEPTACLE, KIT, etc.

Notes: *PANEL SHALL HAVE LOCKABLE HINGED DOOR **CIRCUIT BREAKERS USED FOR PROTECTION OF HVAC EQUIPMENT SHALL BE HACR TYPE BREAKERS. ***PROVIDE UP TO 65,000 RMS SYMMETRICAL AMPS. COORDINATE WITH LOCAL UTILITY COMPANY FOR AVAILABLE RMS SYMMETRICAL AMPS.

Branch Circuit Feeder Schedule (3 Phase W/Neutral)

Table with columns: Circuit Breaker Size (Amps), 3 Phase W/ Neutral, 3 Phase, 1 Phase. Includes sub-columns for No. of Cond., Hot, No. of Cond., Ground, Conduit (Inches).

- 1. FOR EACH CIRCUIT, SIZE THE WIRE BASED ON CIRCUIT BREAKER SIZE SHOWN IN THE PANELBOARD SCHEDULES AS INDICATED ABOVE (UNLESS NOTED OTHERWISE).
2. HOT AND NEUTRAL CONDUCTOR SIZING IS BASED ON TABLE 310.16, COPPER CONDUCTORS.
3. GROUND CONDUCTOR SIZING IS BASED ON TABLE 250.122, COPPER GROUND CONDUCTOR.
4. CONDUIT SIZING IS BASED ON (EMT) WITH TYPE THHN/THWN CONDUCTOR INSULATION.

LIGHT FIXTURE SCHEDULE

Table with columns: TYPE MARK, MANUFACTURER, MODEL NUMBER, WATTAGE, LAMP TYPE, VOLTAGE, FINISH, MOUNTING, DESCRIPTION. Lists various lighting fixtures like TROPHER, GREEN CREATIVE, NORA LIGHTING, etc.

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WILMINGTON INTERNATIONAL AIRPORT 1740 AIRPORT BLVD, WILMINGTON, NC, 28405 BOARDING LEVEL, ZONE 1 SPACE: A, B, AND C

Table with columns: No., Description, Date. Row 1: 80% SUBMITTAL, 06/23/2023

ELECTRICAL SCHEDULES

Project number: 2023-019 Date: 06-23-2023 Drawn by: LU Checked by: LU

E600

Scale: 1/4" = 1'-0"

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LIGHTING CONTROL PANEL SCHEDULE

LCP NAME:		LCP-1		
LOCATION:		OFFICE 4		
SURFACE/FLUSH:		SURFACE		
POWER CIRCUIT:		A-40		
RELAY #	CIRCUIT	DESCRIPTION	LV SWITCH/SENSOR	CHANNEL
1	B-79	KITCHEN LIGHTING		H
2	B-81	SERVICE LIGHTING		H
3	B-83	QUEUING/RETAIL LIGHTING		H
4	A-59	SIGNAGE		H
5	B-98	SIGNAGE		H
6	A-41	SIGNAGE		H
7	A-44	SIGNAGE		H
8		SPARE		

CHANNEL	SCENARIO	SCENARIO TIMES	BLINK	TIME DELAY
A	1	OFF 11:00PM		
B	2	10:00AM - 10:00PM		2 HOURS
C	5	*		2 HOURS
D	6	DUSK - 12:00AM		
E	6	DUSK - DAWN		
F	7	6:00AM - 6:00PM		
G	8	TBD - ON 2477365 INITIALLY		
H	1	OWNER DETERMINED		

NOTE TO ELECTRICAL CONTRACTOR ON PROGRAM SCHEDULING:

FINAL TIME SCHEDULES SHALL BE VERIFIED WITH OWNER'S REPRESENTATIVE NOT TO EXCEED 30-MIN BEFORE OPENING OR 30-MIN AFTER CLOSING SCHEDULE TO MEET IECC MANDATORY CONTROL MEASURES.

SCENARIO LISTING:

- (1) MANUAL ON/SCHEDULE OFF
- (2) SCHEDULE ON/OFF
- (3) MANUAL ON/AS SWITCH OFF (FOR USE WITH AS-100...)
- (4) PHOTOCELL ON/OFF
- (5) PHOTO & SCHEDULE ON/OFF
- (6) ASTRONOMIC ON/OFF

LIGHTING CONTROL PANEL SPECIFICATIONS:

PROVIDE A SINGLE RELAY PANEL WITH UP TO 8 RELAYS. EACH RELAY TO BE INDIVIDUALLY SCHEDULED THROUGH AN EASY TO USE INTEGRAL CLOCK WITH A BACKLIT 8-LINE LCD DISPLAY. RELAYS ARE TO BE SPST 20 AMP RATED, MECHANICALLY HELD CONTACTORS CAPABLE OF SWITCHING EITHER 120 OR 277VAC LOADS. MOUNTED NEXT TO EACH RELAY SHOULD BE A LED TO ANNUNCIATE STATUS AND A PUSHBUTTON TO TOGGLE THE RELAYS STATE. PANEL SHALL HAVE A MULTITAP TRANSFORMER AND ACCEPT EITHER 120V OR 277V FOR POWER.

PANEL ENCLOSURE TO BE NEMA 1, RATED FOR ENVIRONMENTS FROM 32 - 112 DEGREES FAHRENHEIT, 10 - 90% RELATIVE HUMIDITY NON-CONDENSING. PANEL TO COME WITH A SPLIT COVER HINGED IN THE CENTER SUCH THAT THE HIGH VOLTAGE SIDE MUST BE UNSCREWED TO ACCESS THE RELAYS, BUT THE LOW VOLTAGE SIDE CAN BE OPENED VIA A LOCKING LATCH. SURFACE OR FLUSH COVERS SHALL BE AVAILABLE.

EACH RELAY CAN BE CONTROLLED REMOTELY BY EXTERNAL SWITCHES OR MOTION DETECTORS. SWITCHES CAN BE 2- OR 3-WIRE, MOMENTARY OR MAINTAINED LOW VOLTAGE DEVICES. MOTION DETECTORS MUST PROVIDE A 24VDC PILOT SIGNAL TO CONTROL THE RELAYS. PANEL MUST BE ABLE TO INTERLOCK TIME BASED SCHEDULES WITH THE OCCUPANCY SENSOR INPUT, SO THAT LIGHTS SCHEDULED ON DURING THE DAY ARE NOT AFFECTED BY THE MOTION DETECTOR, BUT AFTER HOURS THE OCCUPANCY SENSOR HAS CONTROL OF THE RELAY. PANEL SHALL BE CAPABLE OF BLINK WARNING BEFORE "OFF" AND TRUE AFTER HOURS TIME DELAY.

ALL PROGRAMMING TO BE ENTERED VIA A SIMPLE KEYPAD. EACH RELAY CAN BE PROGRAMMED INDEPENDENTLY, OR RELAYS CAN BE GROUPED TOGETHER IN FIRMWARE TO FOLLOW THE SAME CHANNEL SCHEDULE. ON A DAILY 7-DAY REPEATING BASIS, RELAYS CAN BE ASSIGNED TO FOLLOW ANY OF THE FOLLOWING...

- (1) MANUAL ON/SCHEDULE OFF
- (2) SCHEDULE ON/OFF
- (3) MANUAL ON/AS SWITCH OFF (FOR USE WITH AS-100 SWITCHES)
- (4) PHOTOCELL ON/OFF
- (5) PHOTO & SCHEDULE ON/OFF
- (6) ASTRONOMIC ON/OFF
- (7) ASTRONOMIC AND SCHEDULE ON/OFF

THE LCD SCREEN SHOULD NORMALLY SHOW THE CURRENT TIME AND DATE, AS WELL AS SUNRISE AND SUNSET TIMES FOR THAT DAY. RELAY CHANNELS CAN ALSO BE MONITORED FROM THE DISPLAY TO SEE THEIR STATUS, EITHER ON, OFF, OR MIXED. ADDITIONALLY, THE RELAY GROUPS CAN BE OVERRIDDEN FROM THE SCREEN. CONTEXT SENSITIVE HELP SHALL BE AVAILABLE FOR EACH SCREEN.

PANEL TO BE WATTSTOPPER'S LP8 PEANUT PANEL (OR APPROVED EQUAL) AND MUST BE UL LISTED 916, MEET LOCAL ENERGY CODES (IECC 2012) AND HAVE A 5 YEAR LIMITED WARRANTY.

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WILMINGTON INTERNATIONAL AIRPORT
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BOARDING LEVEL, ZONE 1
SPACE: A, B, AND C

No.	Description	Date
1	60% SUBMITTAL	06/23/2023

ELECTRICAL SCHEDULES

Project number: 2023-019
Date: 06-23-2023
Drawn by: LU
Checked by: LU

E601

Scale