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ADDENDUM 2

A. NOTICE TO BIDDER

- 1. This Addendum is issued pursuant to the Conditions of the Contract and is hereby made part of the Contract Documents. The addendum serves to clarify, revise, and supersede information in the Project Manual, the Drawings, and previously issued Addenda. The Bidder shall acknowledge receipt of this Addendum in the appropriate space on the Bid Form. Failure to do so may subject the Bidder to disqualification. A list of attachments, if any, is part of this document.
- 2. The date for receipt of bids for this project is unchanged by this Addendum.

B. MODIFICATIONS TO PROJECT MANUAL

- 1. Replace Page 2 of the TABLE OF CONTENTS with the new Page 2 of the TABLE OF CONTENTS, included in the Attachments.
- 2. Add New SECTION 092216 NON-STRUCTURAL METAL FRAMING, included in the Attachments.
- 3. Add New SECTION 104400 FIRE PROTECTION SPECIALTIES, included in the Attachments.

C. DRAWINGS

- 1. Replace Sheet A-101 with new Sheet A-101, included in the Attachments.
- 2. Replace Sheet A-102 with new Sheet A-102, included in the Attachments.
- 3. Replace Sheet E-002 with new Sheet E-002, included in the Attachments.

D. ATTACHMENTS

- 1. This Addendum includes the attached specification sections:
 - a) TABLE OF CONTENTS, Page 2 (Reissued);
 - b) SECTION 092216 NON-STRUCTURAL METAL FRAMING (New);
 - c) SECTION 104400 FIRE PROTECTION SPECIALTIES (New).
- 2. This Addendum includes the attached REISSUED full sheets:
 - a) A-101;
 - b) A-102;
 - c) E-002.

END OF ADDENDUM #2

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SECTION 092216 - NON-STRUCTURAL METAL FRAMING

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. Section Includes:
 - 1. Non-load-bearing steel framing systems for interior gypsum board assemblies.
 - 2. Suspension systems for interior gypsum ceilings, soffits, and grid systems.
 - 3. Drywall penetration barrier mesh.

1.3 SUBMITTALS

- A. Product Data: For each type of product. Indicate yield strength of steel, section properties, limiting heights and spans.
- B. Evaluation Reports: For dimpled steel studs and runners firestop tracks, from ICC-ES.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Clark Deitrich Building Systems.
 - 2. MarinoWARE.

2.2 FRAMING SYSTEMS

- A. Framing Members, General: Comply with ASTM C 754 for conditions indicated.
 - 1. Steel Sheet Components: Comply with ASTM C 645 requirements for metal unless otherwise indicated.
 - a. Steel having a yield strength greater than 33 KSI is permitted.
 - 2. Protective Coating: ASTM A 653/A 653M, G40, hot-dip galvanized, unless otherwise indicated.
- B. Studs and Runners: ASTM C 645. Use either steel studs and runners or knurled/embossed steel studs and runners.
 - 1. Steel Studs and Runners:
 - a. Minimum Base-Metal Thickness: Minimum 0.0270 inch (22 ga.) for gypsum wallboard, minimum 0.312 for tile backing panels, or greater as recommended by tile backer panel manufacturer, or greater as indicated in the manufacturer's published performance data based on the following criteria:
 - 1) Yield Strength of steel.
 - 2) Deflection Limits:

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- a) Gypsum Wallboard: L/240.
- 3) Limiting heights: As indicated on Drawings.
- 4) Spans: as indicated on Drawings or as recommended by manufacturer.
- 5) Applied loads:
 - a) Gypsum wallboard: 10 psf.
- b. Depth: As indicated on Drawings.
- 2. Knurled/Embossed Steel Studs and Runners:
 - a. Minimum Base-Metal Thickness: 0.025 inch.
 - b. Comply with requirements above
- C. Slip-Type Head Joints: Provide one of the following:
 - 1. Single Long-Leg Runner System: ASTM C 645 top runner with 2-inch- deep flanges in thickness not less than indicated for studs, installed with studs friction fit into top runner and with continuous bridging located within 12 inches of the top of studs to provide lateral bracing.
 - 2. Double-Runner System: ASTM C 645 top runners, inside runner with 2-inch- deep flanges in thickness not less than indicated for studs and fastened to studs, and outer runner sized to friction fit inside runner.
 - 3. Deflection Track: Steel sheet top runner manufactured to prevent cracking of finishes applied to interior partition framing resulting from deflection of structure above; in thickness not less than indicated for studs and in width to accommodate depth of studs.
 - a. Subject to compliance with requirements, provide one of the following:
 - 1) Dietrich Metal Framing; SLP-TRK Slotted Deflection Track.
 - 2) MBA Building Supplies; Slotted Deflecto Track.
 - 3) Steel Network Inc. (The); VertiClip SLD Series.
 - 4) Superior Metal Trim; Superior Flex Track System (SFT).
 - 5) Telling Industries; Vertical Slip Track.
- D. Flat Strap and Backing Plate: Steel sheet for blocking and bracing in length and width indicated.
 - 1. Minimum Base-Metal Thickness: 0.033 inch.
- E. Cold-Rolled Channel Bridging: Steel, 0.053-inch minimum base-metal thickness, with minimum 1/2-inch- wide flanges.
 - 1. Depth: As indicated on Drawings.
 - 2. Clip Angle: Not less than 1-1/2 by 1-1/2 inches, 0.068-inch- thick, galvanized steel.
- F. Hat-Shaped, Rigid Furring Channels: ASTM C 645.
 - 1. Minimum Base-Metal Thickness: 0.033 inch.
 - 2. Depth: As indicated on Drawings.
- G. Resilient Furring Channels: 1/2-inch- deep, steel sheet members designed to reduce sound transmission.
 - 1. Configuration: Asymmetrical or hat shaped.
- H. Cold-Rolled Furring Channels: 0.053-inch uncoated-steel thickness, with minimum 1/2-inchwide flanges.
 - 1. Depth: As indicated on Drawings.

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- 2. Furring Brackets: Adjustable, corrugated-edge type of steel sheet with minimum uncoated-steel thickness of 0.033 inch.
- 3. Tie Wire: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, 0.062-inch-diameter wire, or double strand of 0.048-inch-diameter wire.
- I. Z-Shaped Furring: With slotted or nonslotted web, face flange of 1-1/4 inches, wall attachment flange of 7/8 inch, minimum uncoated-metal thickness of 0.018 inch, and depth required to fit insulation thickness indicated.

2.3 SUSPENSION SYSTEMS

- A. Tie Wire: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, 0.062-inch-diameter wire, or double strand of 0.048-inch- diameter wire.
- B. Wire Hangers: ASTM A 641/A 641M, Class 1 zinc coating, soft temper, 0.16 inch in diameter.
- C. Carrying Channels: Cold-rolled, commercial-steel sheet with a base-metal thickness of 0.053 inch and minimum 1/2-inch- wide flanges.
 - 1. Depth: As indicated on Drawings.
- D. Furring Channels (Furring Members):
 - 1. Cold-Rolled Channels: 0.053-inch uncoated-steel thickness, with minimum 1/2-inch- wide flanges, 3/4 inch deep.
 - 2. Steel Studs and Runners: ASTM C 645.
 - a. Minimum Base-Metal Thickness: 0.033 inch.
 - b. Depth: As indicated on Drawings.
 - 3. Dimpled Steel Studs and Runners: ASTM C 645.
 - a. Minimum Base-Metal Thickness: 0.025 inch.
 - b. Depth: As indicated on Drawings.
 - 4. Hat-Shaped, Rigid Furring Channels: ASTM C 645, 7/8 inch deep.
 - a. Minimum Base-Metal Thickness: 0.033 inch.
 - 5. Resilient Furring Channels: 1/2-inch- deep members designed to reduce sound transmission.
 - a. Configuration: Asymmetrical or hat shaped.
- E. Grid Suspension System for Gypsum Board Ceilings: ASTM C 645, direct-hung system composed of main beams and cross-furring members that interlock.
 - 1. Products: Subject to compliance with requirements, provide one of the following:
 - a. Armstrong World Industries, Inc.; Drywall Grid Systems.
 - b. Chicago Metallic Corporation; Drywall Grid System.
 - c. USG Corporation; Drywall Suspension System.

2.4 AUXILIARY MATERIALS

- A. General: Provide auxiliary materials that comply with referenced installation standards.
 - 1. 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: Provide the following:
 - 1. Foam Gasket: Adhesive-backed, closed-cell vinyl foam strips that allow fastener penetration without foam displacement, 1/8 inch thick, in width to suit steel stud size.

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- C. Drywall Penetration Barrier Mesh: Provide 1/2-inch diamond pattern, Type II, Class 1 Carbon Steel Mesh, Complying to ASTM F1267 & A1011.
 - 1. Gauge: [13][16][18]
 - 2. Basis of Design: "BM50" by ClarkDietrick Building Systems or equal.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine areas and substrates, with Installer present, and including welded hollow-metal frames, cast-in anchors, and structural framing, for compliance with requirements and other conditions affecting performance of the Work.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Suspended Assemblies: Coordinate installation of suspension systems with installation of overhead structure to ensure that inserts and other provisions for anchorages to building structure have been installed to receive hangers at spacing required to support the Work and that hangers will develop their full strength.
 - 1. Furnish concrete inserts and other devices indicated to other trades for installation in advance of time needed for coordination and construction.

3.3 INSTALLATION, GENERAL

- A. Installation Standard: ASTM C 754, except comply with framing sizes and spacing indicated.
 - 1. Gypsum Board Assemblies: Also comply with requirements in ASTM C 840 that apply to framing installation.
- B. Install supplementary framing, and blocking to support fixtures, equipment services, heavy trim, grab bars, toilet accessories, furnishings, or similar construction.
- C. Install bracing at terminations in assemblies.
- D. Do not bridge building control and expansion joints with non-load-bearing steel framing members. Frame both sides of joints independently.

3.4 INSTALLING FRAMED ASSEMBLIES

- A. Where studs are installed directly against exterior masonry walls or dissimilar metals at exterior walls, install isolation strip between studs and exterior wall.
- B. Install studs so flanges within framing system point in same direction.
 - 1. Space studs as follows:
 - a. Single-Layer Application: 24 inches o.c. unless otherwise indicated.
 - b. Multilayer Application: 24 inches o.c. unless otherwise indicated.
- C. Install tracks (runners) at floors and overhead supports. Extend framing full height to structural supports or substrates above suspended ceilings, except where partitions are indicated to terminate at suspended ceilings. Continue framing around ducts penetrating partitions above ceiling.

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- 1. Slip-Type Head Joints: Where framing extends to overhead structural supports, install to produce joints at tops of framing systems that prevent axial loading of finished assemblies.
- 2. Door Openings: Screw vertical studs at jambs to jamb anchor clips on door frames; install runner track section (for cripple studs) at head and secure to jamb studs.
 - a. Install two studs at each jamb unless otherwise indicated.
 - b. Install cripple studs at head adjacent to each jamb stud, with a minimum 1/2-inch clearance from jamb stud to allow for installation of control joint in finished assembly.
 - c. Extend jamb studs through suspended ceilings and attach to underside of overhead structure.
- 3. Other Framed Openings: Frame openings other than door openings the same as required for door openings unless otherwise indicated. Install framing below sills of openings to match framing required above door heads.

D. Direct Furring:

- 1. Screw to framing.
- 2. Attach to concrete or masonry with stub nails, screws designed for masonry attachment, or powder-driven fasteners spaced 24 inches o.c.
- E. Installation Tolerance: Install each framing member so fastening surfaces vary not more than 1/8 inch from the plane formed by faces of adjacent framing.
- F. Drywall Penetration Barrier Mesh: Install barrier mesh in accordance with manufacturers written recommendations.
 - 1. Use flat head or truss-head screws.

3.5 INSTALLING SUSPENSION SYSTEMS

- A. Install suspension system components in sizes and spacings indicated on Drawings, but not less than those required by referenced installation standards for assembly types and other assembly components indicated.
- B. Isolate suspension systems from building structure where they abut or are penetrated by building structure to prevent transfer of loading imposed by structural movement.
- C. Suspend hangers from building structure as follows:
 - 1. Install hangers plumb and free from contact with insulation or other objects within ceiling plenum that are not part of supporting structural or suspension system.
 - a. Splay hangers only where required to miss obstructions and offset resulting horizontal forces by bracing, countersplaying, or other equally effective means.
 - 2. Where width of ducts and other construction within ceiling plenum produces hanger spacings that interfere with locations of hangers required to support standard suspension system members, install supplemental suspension members and hangers in the form of trapezes or equivalent devices.
 - a. Size supplemental suspension members and hangers to support ceiling loads within performance limits established by referenced installation standards.
 - 3. Wire Hangers: Secure by looping and wire tying, either directly to structures or to inserts, eye screws, or other devices and fasteners that are secure and appropriate for substrate, and in a manner that will not cause hangers to deteriorate or otherwise fail.
 - 4. Flat Hangers: Secure to structure, including intermediate framing members, by attaching to inserts, eye screws, or other devices and fasteners that are secure and appropriate for

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structure and hanger, and in a manner that will not cause hangers to deteriorate or otherwise fail

- 5. Do not attach hangers to steel roof deck.
- 6. Do not attach hangers to permanent metal forms. Furnish cast-in-place hanger inserts that extend through forms.
- 7. Do not attach hangers to rolled-in hanger tabs of composite steel floor deck.
- 8. Do not connect or suspend steel framing from ducts, pipes, or conduit.
- D. Grid Suspension Systems: Attach perimeter wall track or angle where grid suspension systems meet vertical surfaces. Mechanically join main beam and cross-furring members to each other and butt-cut to fit into wall track.
- E. Installation Tolerances: Install suspension systems that are level to within 1/8 inch in 12 feet measured lengthwise on each member that will receive finishes and transversely between parallel members that will receive finishes.

END OF SECTION 092216

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SECTION 104400 - FIRE-PROTECTION SPECIALTIES

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 the following:
 - 1. Portable fire extinguishers.
 - 2. Fire protection cabinets for the following:
 - a. Portable fire extinguishers.
 - 3. Fire-protection accessories.

1.3 SUBMITTALS

- A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for fire-protection specialties.
 - 1. Fire Extinguishers: Include rating and classification.
 - 2. Cabinets: Include roughing-in dimensions, details showing mounting methods, relationships of box and trim to surrounding construction, door hardware, cabinet type, trim style, and panel style.

1.4 OUALITY ASSURANCE

- A. NFPA Compliance: Fabricate and label fire extinguishers to comply with NFPA 10, "Standard for Portable Fire Extinguishers."
- B. Fire Extinguishers: Listed and labeled for type, rating, and classification by an independent testing agency acceptable to authorities having jurisdiction.
- C. Coordinate size of fire protection cabinets to ensure that type and capacity of fire hoses, hose valves, and hose racks indicated are accommodated.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Fire Extinguishers and Cabinets:
 - a. Amerex Corporation.
 - b. Badger Fire Protection; a Kidde company.

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- c. J.L. Industries, Inc.
- d. Larsen's Manufacturing Company.
- e. Potter-Roemer; Div. of Smith Industries, Inc.
- f. Kidde Residential and Commercial Division; Subsidiary of Kidde plc.

2.2 MATERIALS

- A. Cold-Rolled Steel Sheet: ASTM A 1008/A 1008M, Commercial Steel (CS), Type B.
- B. Tempered Float Glass: ASTM C 1048, Kind FT, Condition A, Type I, Quality q3, 3 mm thick, Class 1 (clear).

2.3 PORTABLE FIRE EXTINGUISHERS

- A. General: Provide fire extinguishers of type, size, and capacity for each cabinet and other locations indicated.
- B. Multipurpose Dry-Chemical Type: UL-rated 4-A:60-B:C, 10-lb nominal capacity, in enameled-steel container.

2.4 FIRE PROTECTION CABINET

- A. Cabinet Type: Suitable for fire extinguisher and extinguisher.
- B. Cabinet Construction: Nonrated.
- C. Cabinet Material: Steel sheet.
 - 1. Shelf: Same metal and finish as cabinet.

D. Recessed Cabinet:

- 1. Trimless with Concealed Flange: Surface of surrounding wall finishes flush with exterior finished surface of cabinet frame and door, without overlapping trim attached to cabinet. Provide recessed flange, of same material as box, attached to box, to act as drywall bead.
- 2. Semirecessed Cabinet: Cabinet box partially recessed in walls of sufficient depth to suit style of trim indicated; with one-piece combination trim and perimeter door frame overlapping surrounding wall surface with exposed trim face and wall return at outer edge (backbend). Provide where walls are of insufficient depth for recessed cabinets but are of sufficient depth to accommodate semirecessed cabinet installation.
 - a. Rolled-Edge Trim: 2-1/2-inch backbend depth.
- E. Cabinet Trim Material: Steel sheet.
- F. Door Material: Steel sheet.
- G. Door Style: Vertical duo panel with frame.
- H. Door Glazing: Tempered float glass (clear).
- I. Door Hardware: Manufacturer's standard door-operating hardware of proper type for cabinet type, trim style, and door material and style indicated.
 - 1. Provide projecting lever handle with cam-action latch.
 - 2. Provide manufacturer's standard hinge permitting door to open 180 degrees.

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J. Accessories:

- 1. Mounting Bracket: Manufacturer's standard steel, designed to secure fire extinguisher to fire protection cabinet, of sizes required for types and capacities of fire extinguishers indicated, with plated or baked-enamel finish.
- 2. Door Lock: Cam lock that allows door to be opened during emergency by pulling sharply on door handle.
- 3. Identification: Lettering complying with authorities having jurisdiction for letter style, size, spacing, and location.
 - a. Identify fire extinguisher in fire protection cabinet with the words "FIRE EXTINGUISHER."
 - 1) Location: Applied to cabinet door.
 - 2) Application Process: Decals or Pressure-sensitive vinyl letters.
 - 3) Lettering Color: Red.
 - 4) Orientation: Vertical.
- 4. Alarm: Manufacturer's standard alarm that actuates when fire protection cabinet door is opened and that is powered by batteries.

K. Finishes:

- 1. Manufacturer's standard baked-enamel paint for the following:
 - a. Interior of cabinet and door.
- 2. Steel: Clear anodized aluminum or 304 stainless steel with #4 finish.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine roughing-in for cabinets to verify actual locations of piping connections before cabinet installation.
- B. Examine walls and partitions for suitable framing depth and blocking where recessed cabinets are to be installed.
- C. Examine fire extinguishers for proper charging and tagging.
 - 1. Remove and replace damaged, defective, or undercharged units.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

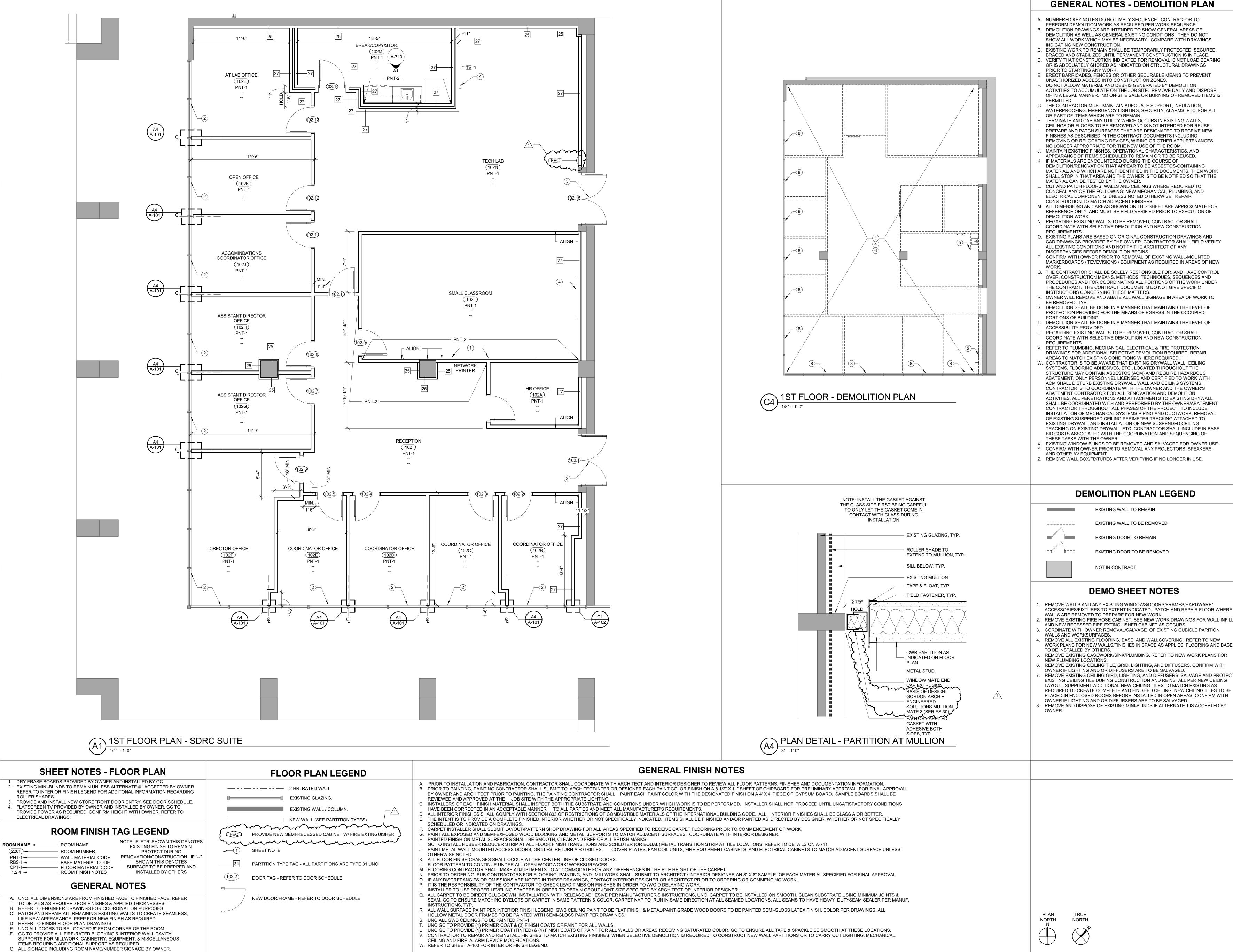
- A. Comply with manufacturer's written instructions for installing fire-protection specialties.
- B. Install in locations and at mounting heights indicated or, if not indicated, at heights acceptable to authorities having jurisdiction.
 - 1. Prepare recesses for cabinets as required by type and size of cabinet and trim style.
 - 2. Fasten mounting brackets to structure and cabinets, square and plumb.
 - 3. Fasten cabinets to structure, square and plumb.

3.3 ADJUSTING, CLEANING, AND PROTECTION

- A. Adjust cabinet doors that do not swing or operate freely.
- B. Refinish or replace cabinets and doors damaged during installation.
- C. Provide final protection and maintain conditions that ensure that cabinets and doors are without damage or deterioration at the time of Substantial Completion.

Addendum 2

END OF SECTION 104400





A. NUMBERED KEY NOTES DO NOT IMPLY SEQUENCE. CONTRACTOR TO PERFORM DEMOLITION WORK AS REQUIRED PER WORK SEQUENCE. B. DEMOLITION DRAWINGS ARE INTENDED TO SHOW GENERAL AREAS OF

DEMOLITION AS WELL AS GENERAL EXISTING CONDITIONS. THEY DO NOT SHOW ALL WORK WHICH MAY BE NECESSARY. COMPARE WITH DRAWINGS EXISTING WORK TO REMAIN SHALL BE TEMPORARILY PROTECTED, SECURED,

OR IS ADEQUATELY SHORED AS INDICATED ON STRUCTURAL DRAWINGS E. ERECT BARRICADES, FENCES OR OTHER SECURABLE MEANS TO PREVENT

ACTIVITIES TO ACCUMULATE ON THE JOB SITE. REMOVE DAILY AND DISPOSE OF IN A LEGAL MANNER. NO ON-SITE SALE OR BURNING OF REMOVED ITEMS IS

THE CONTRACTOR MUST MAINTAIN ADEQUATE SUPPORT, INSULATION, WATERPROOFING, EMERGENCY LIGHTING, SECURITY, ALARMS, ETC. FOR ALL

. TERMINATE AND CAP ANY UTILITY WHICH OCCURS IN EXISTING WALLS, CEILINGS OR FLOORS TO BE REMOVED AND IS NOT INTENDED FOR REUSE. PREPARE AND PATCH SURFACES THAT ARE DESIGNATED TO RECEIVE NEW FINISHES AS DESCRIBED IN THE CONTRACT DOCUMENTS INCLUDING REMOVING OR RELOCATING DEVICES, WIRING OR OTHER APPURTENANCES

APPEARANCE OF ITEMS SCHEDULED TO REMAIN OR TO BE REUSED. DEMOLITION/RENOVATION THAT APPEAR TO BE ASBESTOS-CONTAINING MATERIAL, AND WHICH ARE NOT IDENTIFIED IN THE DOCUMENTS. THEN WORK SHALL STOP IN THAT AREA AND THE OWNER IS TO BE NOTIFIED SO THAT THE

CONCEAL ANY OF THE FOLLOWING: NEW MECHANICAL. PLUMBING, AND ELECTRICAL COMPONENTS, UNLESS NOTED OTHERWISE. REPAIR

M. ALL DIMENSIONS AND AREAS SHOWN ON THIS SHEET ARE APPROXIMATE FOR REFERENCE ONLY, AND MUST BE FIELD-VERIFIED PRIOR TO EXECUTION OF

N. REGARDING EXISTING WALLS TO BE REMOVED. CONTRACTOR SHALL

O. EXISTING PLANS ARE BASED ON ORIGINAL CONSTRUCTION DRAWINGS AND CAD DRAWINGS PROVIDED BY THE OWNER. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY

Q. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR, AND HAVE CONTROL OVER, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER

THE CONTRACT. THE CONTRACT DOCUMENTS DO NOT GIVE SPECIFIC R. OWNER WILL REMOVE AND ABATE ALL WALL SIGNAGE IN AREA OF WORK TO

DEMOLITION SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF PROTECTION PROVIDED FOR THE MEANS OF EGRESS IN THE OCCUPIED

DEMOLITION SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF

REGARDING EXISTING WALLS TO BE REMOVED, CONTRACTOR SHALL

COORDINATE WITH SELECTIVE DEMOLITION AND NEW CONSTRUCTION

W. CONTRACTOR IS TO BE AWARE THAT EXISTING DRYWALL WALL, CEILING SYSTEMS, FLOORING ADHESIVES, ETC., LOCATED THROUGHOUT THE STRUCTURE MAY CONTAIN ASBESTOS (ACM) AND REQUIRE HAZARDOUS ABATEMENT. ONLY PERSONNEL LICENSED AND CERTIFIED TO WORK WITH ACM SHALL DISTURB EXISTING DRYWALL WALL AND CEILING SYSTEMS. CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE OWNER'S ABATEMENT CONTRACTOR FOR ALL RENOVATION AND DEMOLITION ACTIVITIES. ALL PENETRATIONS AND ATTACHMENTS TO EXISTING DRYWALL SHALL BE COORDINATED WITH AND PERFORMED BY THE OWNER/ABATEMENT CONTRACTOR THROUGHOUT ALL PHASES OF THE PROJECT. TO INCLUDE INSTALLATION OF MECHANICAL SYSTEMS PIPING AND DUCTWORK, REMOVAL OF EXISTING SUSPENDED CEILING PERIMETER TRACKING ATTACHED TO EXISTING DRYWALL AND INSTALLATION OF NEW SUSPENDED CEILING TRACKING ON EXISTING DRYWALL ETC. CONTRACTOR SHALL INCLUDE IN BASE

. EXISTING WINDOW BLINDS TO BE REMOVED AND SALVAGED FOR OWNER USE. CONFIRM WITH OWNER PRIOR TO REMOVAL ANY PROJECTORS, SPEAKERS,



DEMOLITION PLAN LEGEND

REMOVE WALLS AND ANY EXISTING WINDOWS/DOORS/FRAMES/HARDWARE/ ACCESSORIES/FIXTURES TO EXTENT INDICATED. PATCH AND REPAIR FLOOR WHERE

CORDINATE WITH OWNER REMOVAL/SALVAGE OF EXISTING CUBICLE PARITION

WORK PLANS FOR NEW WALLS/FINISHES IN SPACE AS APPLIES. FLOORING AND BASE

5. REMOVE EXISTING CASEWORK/SINK/PLUMBING. REFER TO NEW WORK PLANS FOR

REMOVE EXISTING CEILING TILE, GRID, LIGHTING, AND DIFFUSERS. CONFIRM WITH

LAYOUT. SUPPLMENT ADDITIONAL NEW CEILING TILES TO MATCH EXISTING AS REQUIRED TO CREATE COMPLETE AND FINISHED CEILING. NEW CEILING TILES TO BE PLACED IN ENCLOSED ROOMS BEFORE INSTALLED IN OPEN AREAS. CONFIRM WITH OWNER IF LIGHTING AND OR DIFFURSERS ARE TO BE SALVAGED. REMOVE AND DISPOSE OF EXISTING MINI-BLINDS IF ALTERNATE 1 IS ACCEPTED BY

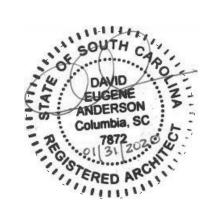


USC DISABILITY SERVICES DEPT. RENOVATION CLOSE HIPP



LS3P ASSOCIATES LTD. TEL. 803.765.2418 FAX 803.765.2419 WWW.LS3P.COM



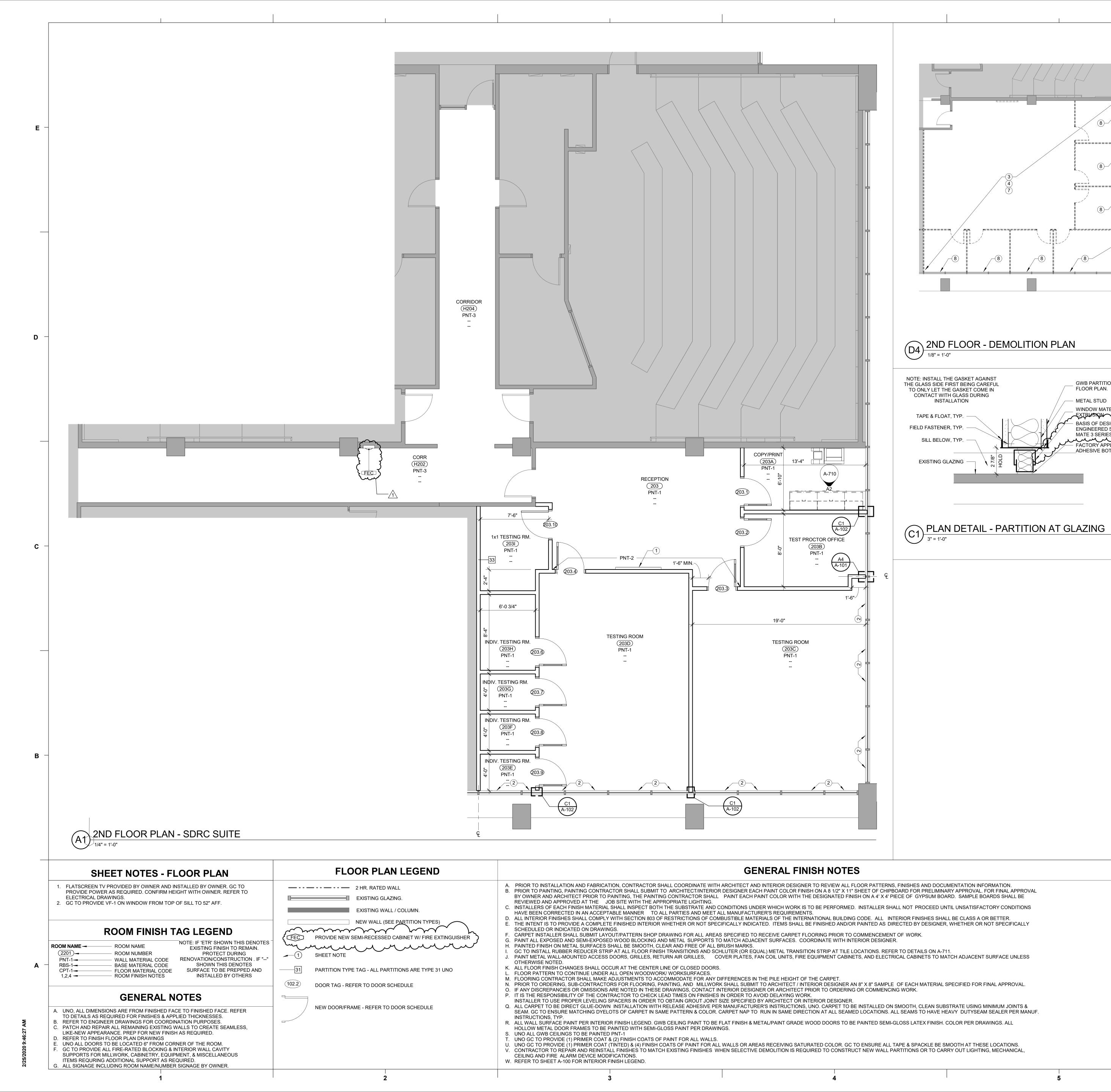


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ADDENDUM NO. 2

FIRST FLOOR DEMOLITION, **RENOVATION AND** FINISH PLANS

BID DOCUMENTS



GENERAL NOTES - DEMOLITION PLAN

- NUMBERED KEY NOTES DO NOT IMPLY SEQUENCE. CONTRACTOR TO PERFORM DEMOLITION WORK AS REQUIRED PER WORK SEQUENCE.
- DEMOLITION DRAWINGS ARE INTENDED TO SHOW GENERAL AREAS OF DEMOLITION AS WELL AS GENERAL EXISTING CONDITIONS. THEY DO NOT SHOW ALL WORK WHICH MAY BE NECESSARY. COMPARE WITH DRAWINGS
- INDICATING NEW CONSTRUCTION. EXISTING WORK TO REMAIN SHALL BE TEMPORARILY PROTECTED, SECURED, BRACED AND STABILIZED UNTIL PERMANENT CONSTRUCTION IS IN PLACE.
- VERIFY THAT CONSTRUCTION INDICATED FOR REMOVAL IS NOT LOAD BEARING OR IS ADEQUATELY SHORED AS INDICATED ON STRUCTURAL DRAWINGS
- PRIOR TO STARTING ANY WORK. E. ERECT BARRICADES, FENCES OR OTHER SECURABLE MEANS TO PREVENT
- UNAUTHORIZED ACCESS INTO CONSTRUCTION ZONES. DO NOT ALLOW MATERIAL AND DEBRIS GENERATED BY DEMOLITION ACTIVITIES TO ACCUMULATE ON THE JOB SITE. REMOVE DAILY AND DISPOSE
- OF IN A LEGAL MANNER. NO ON-SITE SALE OR BURNING OF REMOVED ITEMS IS PERMITTED. G. THE CONTRACTOR MUST MAINTAIN ADEQUATE SUPPORT, INSULATION,
- WATERPROOFING, EMERGENCY LIGHTING, SECURITY, ALARMS, ETC. FOR ALL OR PART OF ITEMS WHICH ARE TO REMAIN. H. TERMINATE AND CAP ANY UTILITY WHICH OCCURS IN EXISTING WALLS,

}======#

GWB PARTITION AS INDICATED ON

EXTRUSION

- BASIS OF DESIGN: GORDON ARCH + 🤅

ENGINEERED SOLUTIONS WINDOW ,

MATE 3 SERIES 30

ADHESIVE BOTH SIDES, TYP.

- FACTORY APPLIED GASKET WITH

METAL STUD

WINDOW MATE END CAP

CEILINGS OR FLOORS TO BE REMOVED AND IS NOT INTENDED FOR REUSE. PREPARE AND PATCH SURFACES THAT ARE DESIGNATED TO RECEIVE NEW FINISHES AS DESCRIBED IN THE CONTRACT DOCUMENTS INCLUDING

REMOVING OR RELOCATING DEVICES, WIRING OR OTHER APPURTENANCES

- NO LONGER APPROPRIATE FOR THE NEW USE OF THE ROOM. MAINTAIN EXISTING FINISHES, OPERATIONAL CHARACTERISTICS, AND APPEARANCE OF ITEMS SCHEDULED TO REMAIN OR TO BE REUSED. IF MATERIALS ARE ENCOUNTERED DURING THE COURSE OF DEMOLITION/RENOVATION THAT APPEAR TO BE ASBESTOS-CONTAINING MATERIAL, AND WHICH ARE NOT IDENTIFIED IN THE DOCUMENTS. THEN WORK
 - SHALL STOP IN THAT AREA AND THE OWNER IS TO BE NOTIFIED SO THAT THE MATERIAL CAN BE TESTED BY THE OWNER. CUT AND PATCH FLOORS, WALLS AND CEILINGS WHERE REQUIRED TO CONCEAL ANY OF THE FOLLOWING: NEW MECHANICAL, PLUMBING, AND
- CONSTRUCTION TO MATCH ADJACENT FINISHES. M. ALL DIMENSIONS AND AREAS SHOWN ON THIS SHEET ARE APPROXIMATE FOR REFERENCE ONLY, AND MUST BE FIELD-VERIFIED PRIOR TO EXECUTION OF

ELECTRICAL COMPONENTS, UNLESS NOTED OTHERWISE. REPAIR

- DEMOLITION WORK. N. REGARDING EXISTING WALLS TO BE REMOVED, CONTRACTOR SHALL COORDINATE WITH SELECTIVE DEMOLITION AND NEW CONSTRUCTION
- REQUIREMENTS. O. EXISTING PLANS ARE BASED ON ORIGINAL CONSTRUCTION DRAWINGS AND CAD DRAWINGS PROVIDED BY THE OWNER. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AND NOTIFY THE ARCHITECT OF ANY
- DISCREPANCIES BEFORE DEMOLITION BEGINS. CONFIRM WITH OWNER PRIOR TO REMOVAL OF EXISTING WALL-MOUNTED MARKERBOARDS / TEVEVISIONS / EQUIPMENT AS REQUIRED IN AREAS OF NEW
- Q. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR, AND HAVE CONTROL OVER, CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT. THE CONTRACT DOCUMENTS DO NOT GIVE SPECIFIC INSTRUCTIONS CONCERNING THESE MATTERS.
- OWNER WILL REMOVE AND ABATE ALL WALL SIGNAGE IN AREA OF WORK TO BE REMOVED, TYP. DEMOLITION SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF PROTECTION PROVIDED FOR THE MEANS OF EGRESS IN THE OCCUPIED
- PORTIONS OF BUILDING. DEMOLITION SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF ACCESSIBILITY PROVIDED.
- REGARDING EXISTING WALLS TO BE REMOVED. CONTRACTOR SHALL COORDINATE WITH SELECTIVE DEMOLITION AND NEW CONSTRUCTION
- REQUIREMENTS. REFER TO PLUMBING, MECHANICAL, ELECTRICAL & FIRE PROTECTION DRAWINGS FOR ADDITIONAL SELECTIVE DEMOLITION REQUIRED. REPAIR
- AREAS TO MATCH EXISTING CONDITIONS WHERE REQUIRED. CONTRACTOR IS TO BE AWARE THAT EXISTING DRYWALL WALL, CEILING SYSTEMS, FLOORING ADHESIVES, ETC., LOCATED THROUGHOUT THE STRUCTURE MAY CONTAIN ASBESTOS (ACM) AND REQUIRE HAZARDOUS ABATEMENT. ONLY PERSONNEL LICENSED AND CERTIFIED TO WORK WITH ACM SHALL DISTURB EXISTING DRYWALL WALL AND CEILING SYSTEMS. CONTRACTOR IS TO COORDINATE WITH THE OWNER AND THE OWNER'S ABATEMENT CONTRACTOR FOR ALL RENOVATION AND DEMOLITION ACTIVITIES. ALL PENETRATIONS AND ATTACHMENTS TO EXISTING DRYWALL SHALL BE COORDINATED WITH AND PERFORMED BY THE OWNER/ABATEMENT
- INSTALLATION OF MECHANICAL SYSTEMS PIPING AND DUCTWORK, REMOVAL OF EXISTING SUSPENDED CEILING PERIMETER TRACKING ATTACHED TO EXISTING DRYWALL AND INSTALLATION OF NEW SUSPENDED CEILING TRACKING ON EXISTING DRYWALL ETC. CONTRACTOR SHALL INCLUDE IN BASE BID COSTS ASSOCIATED WITH THE COORDINATION AND SEQUENCING OF

CONTRACTOR THROUGHOUT ALL PHASES OF THE PROJECT, TO INCLUDE

EXISTING WINDOW BLINDS TO BE REMOVED AND SALVAGED FOR OWNER USE. CONFIRM WITH OWNER PRIOR TO REMOVAL ANY PROJECTORS, SPEAKERS, AND OTHER AV EQUIPMENT

REMOVE WALL BOX/FIXTURES AFTER VERIFYING IF NO LONGER IN USE.

UNIVERSITY OF

SOUTH

CAROLINA

USC DISABILITY

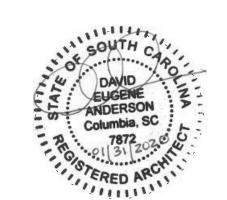
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RENOVATION

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EXISTING WALL TO REMAIN

DEMOLITION PLAN LEGEND

EXISTING WALL TO BE REMOVED

EXISTING DOOR TO REMAIN

THESE TASKS WITH THE OWNER.

EXISTING DOOR TO BE REMOVED

NOT IN CONTRACT

AND NEW RECESSED FIRE EXTINGUISHER CABINET AS OCCURS.

DEMO SHEET NOTES

- REMOVE WALLS AND ANY EXISTING WINDOWS/DOORS/FRAMES/HARDWARE/ ACCESSORIES/FIXTURES TO EXTENT INDICATED. PATCH AND REPAIR FLOOR WHERE WALLS ARE REMOVED TO PREPARE FOR NEW WORK. REMOVE EXISTING FIRE HOSE CABINET. SEE NEW WORK DRAWINGS FOR WALL INFILL
- . CORDINATE WITH OWNER REMOVAL/SALVAGE OF EXISTING CUBICLE PARITION WALLS AND WORKSURFACES.
- REMOVE ALL EXISTING FLOORING, BASE, AND WALLCOVERING. REFER TO NEW WORK PLANS FOR NEW WALLS/FINISHES IN SPACE AS APPLIES. FLOORING AND BASE
- TO BE INSTALLED BY OTHERS. 5. REMOVE EXISTING CASEWORK/SINK/PLUMBING. REFER TO NEW WORK PLANS FOR NEW PLUMBING LOCATIONS.
- REMOVE EXISTING CEILING TILE, GRID, LIGHTING, AND DIFFUSERS. CONFIRM WITH OWNER IF LIGHTING AND OR DIFFUSERS ARE TO BE SALVAGED. REMOVE EXISTING CEILING GRID, LIGHTING, AND DIFFUSERS. SALVAGE AND PROTECT EXISTING CEILING TILE DURING CONSTRUCTION AND REINSTALL PER NEW CEILING
- LAYOUT. SUPPLMENT ADDITIONAL NEW CEILING TILES TO MATCH EXISTING AS REQUIRED TO CREATE COMPLETE AND FINISHED CEILING. NEW CEILING TILES TO BE PLACED IN ENCLOSED ROOMS BEFORE INSTALLED IN OPEN AREAS. CONFIRM WITH OWNER IF LIGHTING AND OR DIFFURSERS ARE TO BE SALVAGED. EXISTING MINI-BLINDS TO REMAIN. GC TO PROTECT DURING CONSTRUCTION AND

REPLACE DAMAGED/BROWKEN BLINDS AS NEEDED. CONFIRM SPEC. WITH OWNER.

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ADDENDUM NO. 2

SECOND FLOOR DEMOLITION, RENOVATION, AND FINISH FLOOR **PLANS**

NORTH NORTH

BID DOCUMENTS

EXISTING PANELBOARD: P1A					DISTRIBUTION: 120/208 Wye PHASES: 3						A.I.C. RATING: 35,000 MAINS RATING: 225 A					
SUPPLIED FROM: BPR1							WIRES:	4					MCB RATING: MAIN LUGS ONLY			
		MOUNTING: SURFACE				ENCL	OSURE:	Туре	1							
IRE SIZE	СКТ	DESCRIPTION	BKR	Р	/	A		В		С		BKR	DESCRIPTION	СКТ	WIRE SIZE	
	1	EXISTING LOAD	60	2	0.0	0.0					1	20	EXISTING LOAD	2		
	3	EXISTINO LOAD	00				0.0	0.0			1	20	EXISTING LOAD	4		
	5	EXISTING LOAD	20	1					0.0	0.0	1	20	EXISTING LOAD	6		
	7	EXISTING LOAD	20	1	0.0	0.0					1	20	EXISTING LOAD	8		
	9	EXISTING LOAD	20	1			0.0	0.0			1	20	EXISTING FIRE ALARM POWER SUPPLY	10		
	11	EXISTING LOAD	20	1					0.0	0.0	1	20	EXISTING LOAD	12		
	13	EXISTING LOAD	20	1	0.0	1.1					1	20	RECPS OFFICE 102C-102E	14	1-#12, 1-#12, 1	
	15	EXISTING LOAD	20	1			0.0	0.0			1	20	EXISTING FA POWER SUPPLY	16		
	17	EXISTING LOAD	20	1					0.0	1.0	1	20	RECP BRAILLE MACHINE	18	1-#12, 1-#12, 1	
1-#12, 1-#12	19	EXISTING LOAD	20	1	0.2	1.1					1	20	RECPS RECEPTION & OFFICES 102A-102B	20	1-#12, 1-#12, 1	
1-#12, 1-#12	21	EXISTING LOAD	20	1			0.2	0.9			1	20	RECPS 102 GEN PURPOSE	22	1-#12, 1-#12, 1	
1-#12, 1-#12	23	EXISTING LOAD	20	1					1.4	1.0	1	20	RECP BRAILLE COMPUTER	24	1-#12, 1-#12, 1	
	25	EXISTING LOAD	20	1	0.0	1.0					1	20	RECP RECEPTION PRINTER	26	1-#12, 1-#12, 1	
	27	EXISTING LOAD	20	1			0.0	0.9			1	20	RECPS TECH LAB DESKS	28	1-#12, 1-#12, 1	
	29	EXISTING LOAD	20	1					0.0	0.7	1	20	RECPS SMALL CLASS 1021	30	1-#12, 1-#12, 1	
1-#12, 1-#12	31	RECP DUP SCANNER	20	1	1.0	0.9					1	20	RECPS SMALL CLASS 1021	32	1-#12, 1-#12, 1	
1-#12, 1-#12	33	RECP. – NETWORK PRINTER	20	1			1.0	1.2			1	20	RECP BREAK 102M MICROWAVE	34	1-#12, 1-#12, 1-	
1-#12, 1-#12	35	RECP BREAK 102M REFRIG	20	1					1.0	0.7	1	20	RECPS TECH LAB MEETING	36	1-#12, 1-#12, 1	
1-#12, 1-#12	37	RECP BREAK 102M COFFEE	20	1	0.2	0.0					1	20	EXISTING SPARE	38		
1-#12, 1-#12	39	RECPS OFFICES 102J-102L	20	1			1.1	0.0			1	20	EXISTING SPARE	40		
1-#12, 1-#12	41	RECPS OFFICE 102F-102H	20	1					1.1	0.0	1	20	EXISTING SPARE	42		
	43				0.0	0.0							NOT AVAILABLE	44		
, 1-#1/0, 1-#6	45	EXISTING PANEL "P1B" (SUB-FEED)	150	3			0.0	0.0					NOT AVAILABLE	46		
	47								0.0	0.0			NOT AVAILABLE	48		
	•	ADD. TOTAL PER	PHASE	KVA:	5	.4	5	.3	6	.9		•	ADD. CONNECTED KVA:		17.6	
ADD. TOTAL PER PHASE AMPACITY:						-6	4	14	5	8			ADD. CONNECTED AMPS:		49	

EXISTING PANELBOARD: P2B SUPPLIED FROM: P2A				DISTRIBUTION: 120/208 Wye PHASES: 3 WIRES: 4							A.I.C. RATING: 10,000 MAINS RATING: 225 A MCB RATING: MAIN LUGS ONLY					
		MOUNTING: SURFACE		ENCLOSURE: Type 1												
VIRE SIZE	СКТ		BKR	Р		Α		 B	С		Р	BKR	DESCRIPTION	СКТ	WIRE SIZE	
	1	EXISTING LOAD	20	1	0.0	0.0					1	20	EXISTING LOAD	2		
	3	EXISTING LOAD	20	1			0.0	0.0			1	20	EXISTING LOAD	4		
	5	EXISTING LOAD	20	1					0.0	0.0	1	20	EXISTING LOAD	6		
	7	EXISTING LOAD	20	1	0.0	0.0								8		
	9	EXISTING LOAD	20	1			0.0	0.0			3	60	EXISTING PANEL "P2B3"	10		
	11	EXISTING LOAD	20	1					0.0	0.0				12	-	
	13	EXISTING LOAD	20	1	0.0	0.0					1	20	EXISTING LOAD	14		
	15	EXISTING LOAD	20	1			0.0	0.0			1	20	EXISTING LOAD	16		
	17	EXISTING LOAD	20	1					0.0	0.0	1	20	EXISTING LOAD	18		
	19	EXISTING LOAD	20	1	0.0	1.0					1	20	RECP. — NET PRINTER	20	1-#12, 1-#12, 1-#	
	21	EXISTING LOAD	20	1			0.0	1.1			1	20	RECPS. — SDRC INDIV TESTING	22	1-#12, 1-#12, 1-#	
	23	EXISTING LOAD	20	1					0.0	1.1	1	20	RECPS. — SDRC GROUP TESTING	24	1-#12, 1-#12, 1-#	
	25	EXISTING LOAD	20	1	0.0	1.3					1	20	RECPS. — SDRC GROUP TESTING	26	1-#12, 1-#12, 1-#	
	27	EXISTING LOAD	20	1			0.0	1.1			1	20	RECPS SDRC GEN PURPOSE	28	1-#12, 1-#12, 1-#	
	29	EXISTING LOAD	20	1					0.0	0.9	1	20	RECPS SDRC OFFICE & RECP	30	1-#12, 1-#12, 1-#	
	31	EXISTING LOAD	20	1	0.0	0.8					1	20	RECP SDRC NETWORK EQUIP	32	1-#12, 1-#12, 1-#	
	33	EXISTING LOAD	20	1			0.0	0.0			1	20	EXISTING SPARE	34		
	35	EXISTING LOAD	20	1					0.0	0.0	1	20	EXISTING LOAD	36		
	37	EXISTING LOAD	20	1	0.0	0.0					1	20	EXISTING LOAD	38		
	39	EXISTING LOAD	20	1			0.0	0.0			1	20	EXISTING LOAD	40		
	41	EXISTING LOAD	20	1					0.0	0.0	1	20	EXISTING LOAD	42		
	43	EXISTING LOAD	20	1	0.0	0.0					1	20	EXISTING LOAD	44		
	45	EXISTING LOAD	20	1			0.0	0.0			1	20	EXISTING LOAD	46		
	47	EXISTING LOAD	20	1					0.0	0.0	1	20	EXISTING LOAD	48		
	49	EXISTING LOAD	20	1	0.0	0.0					1	20	EXISTING LOAD	50		
	51	EXISTING LOAD	20	1			0.0	0.0			1	20	EXISTING LOAD	52		
	53	EXISTING LOAD	20	1					0.0	0.0	1	20	EXISTING SPARE	54		
		ADD. TOTA	L PER PHASE	KVA:	3	.1	2	.2	2.	.0			ADD. CONNECTED K	VA:	7.2	
		ADD. TOTAL PER	R PHASE AMPA	CITY:		26	1	8	1	7			ADD. CONNECTED AM	PS:	20	

(
Ī		LIGHTING FI	XTURE PRIOR AI	PPROVED SCHED	JLE
ľ	TYPE	MANUFACTURER	CAT #	MANUFACTURER	CAT #
Ţ	Α	ILP	VOLA24 SERIES	COOPER	24CZ2 SERIES
Ī	ΑE	ILP	VOLA24 SERIES	COOPER	24CZ2 SERIES
ľ	ВН	ILP	VOLA22 SERIES	COOPER	24CZ2 SERIES
ľ	BHE	ILP	VOLA22 SERIES	COOPER	22CZ2 SERIES
╁	BL	ILP	VOLA22 SERIES	COOPER	22CZ2 SERIES
ľ	BLE	ILP	VOLA22 SERIES	COOPER	22CZ2 SERIES
ľ	X1	LIGHT ALARMS	SLEDN SERIES	SURE-LITES	EUX6 SERIES
Ī	X2	LIGHT ALARMS	SLEDN SERIES	SURE-LITES	EUX6 SERIES

GENERAL PANEL SCHEDULE NOTES

- 1 FIELD VERIFY EXISTING LOAD SERVED BY EACH BRANCH AND CLEARLY LABEL IN PANELBOARD SCHEDULES.
- CIRCUITS INDICATED TO FEED NEW LIGHTING AND ELECTRICAL DEVICES ARE DIAGRAMMATIC IN NATURE. CONTRACTOR SHALL BE RESPONSIBLE FOR MOVING EXISTING BREAKERS WHERE ADDITIONAL SPACE IS NEEDED BUT AVAILABLE.

3 EXISTING BREAKERS SHOWN IN PANEL SCHEDULES ARE FOR REFERENCE ONLY.

Ī					LIGHT FIXTURE SCHEDU	JLE					
		FIXTURE SPECIFICATIONS						ELECT	TRICAL		
			FIXTURE					FIXT.			
	SYMBOL	TYPE	DESCRIPTION	MANUFACTURER	CAT. #	NO.	LAMP TYPE	LOAD	VOLTS	MOUNTING REMARKS	NOTES
	0	A	2'X4' LED RECESSED TROFFER	HE WILLIAMS	LT-24-L40/835-AF-DIM-UNV	_	LED (4000 LUMENS, 835)	32	277 V	RECESSED IN GRID CEILING	1,2,3,4
		AE	SAME AS TYPE "A" EXCEPT FED FROM GENERATOR-BACKED CIRCUIT THROUGH A GTD.	HE WILLIAMS	LT-24-L40/835-AF-DIM-UNV	_	LED (4000 LUMENS, 835)	32	277 V	RECESSED IN GRID CEILING	1,2,3,4
	0	ВН	2'X2' LED RECESSED TROFFER (DIM)	HE WILLIAMS	LT-22-L49/835-AF-DIM-UNV	-	LED (4900 LUMENS, 835)	38	277 V	RECESSED IN GRID CEILING	1,2,3,4
		ВНЕ	SAME AS TYPE "BH" EXCEPT FED FROM GENERATOR-BACKED CIRCUIT THROUGH A GTD.	HE WILLIAMS	LT-22-L49/835-AF-DIM-UNV	_	LED (4900 LUMENS, 835)	38	277 V	RECESSED IN GRID CEILING	1,2,3,4
	0	BL	2'X2' LED RECESSED TROFFER (DIM)	HE WILLIAMS	LT-22-L39/835-AF-DIM-UNV	_	LED (3900 LUMENS, 835)	33	277 V	RECESSED IN GRID CEILING	1,2,3,4
		BLE	SAME AS TYPE "BL" EXCEPT FED FROM GENERATOR-BACKED CIRCUIT THROUGH A GTD.	HE WILLIAMS	LT-22-L39/835-AF-DIM-UNV	_	LED (3900 LUMENS, 835)	33	277 V	RECESSED IN GRID CEILING	1,2,3,4
	€	X1	EXIT SIGN	EMERGI-LITE	W-LX-1-N-G-M-UA-A	_	LED	1	277 V	CEILING OR WALL MOUNTED	3,4
[.	0	X2	EXIT SIGN	EMERGI-LITE	W-LX-2-N-G-M-UA-A	_	LED	1	277 V	CEILING OR WALL	3,4

LIGHT FIXTURE SCHEDULE NOTES

MOUNTED

- 1 LUMENS LISTED IN SCHEDULE REPRESENT DELIVERED LUMENS OF FIXTURES. 2 THREE DIGIT NUMBERS LISTED IN LAMP COLUMN REPRESENT CRI AND COLOR TEMPERATURE. FIRST DIGIT INDICATES MINIMUM CRI AND LAST TWO DIGITS INDICATE COLOR TEMPERATURE.
- EXAMPLE: 830 INDICATES MINIMUM CRI OF 80 AND A COLOR TEMPERATURE OF 3000K. 3 SEE ARCHITECTURAL RCP AND ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHTS.

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4 CONFIRM QUANTITIES OF FIXTURES SHOWN IN RCP MATCH QUANTITIES SHOWN ON ELECTRICAL PLANS PRIOR TO BID. IF NO DISCREPANCIES ARE NOTED PRIOR TO BID THE HIGHEST QUANTITY OF EACH FIXTURE TYPE SHOWN SHALL BE PROVIDED.

	LIGHTING FI	XTURE PRIOR AF	PPROVED SCHED	JLE
TYPE	MANUFACTURER	CAT #	MANUFACTURER	CAT #
Α	ILP	VOLA24 SERIES	COOPER	24CZ2 SERIES
ΑE	ILP	VOLA24 SERIES	COOPER	24CZ2 SERIES
ВН	ILP	VOLA22 SERIES	COOPER	24CZ2 SERIES
BHE	ILP	VOLA22 SERIES	COOPER	22CZ2 SERIES
BL	ILP	VOLA22 SERIES	COOPER	22CZ2 SERIES
BLE	ILP	VOLA22 SERIES	COOPER	22CZ2 SERIES
X 1	LIGHT ALARMS	SLEDN SERIES	SURE-LITES	EUX6 SERIES
X2	LIGHT ALARMS	SLEDN SERIES	SURE-LITES	EUX6 SERIES



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REVISIONS:

1 ADDENDUM #2

DRAWN BY: JCS CHECKED BY: CES

PANEL SCHEDULES