SECTION 06 40 23 - INTERIOR ARCHITECTURAL WOODWORK
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: Product Data for materials and Shop Drawings.
B. Quality Standard: Architectural Woodwork Institute's "Architectural Woodwork Quality Standards".
C. Environmental Limitations: Do not deliver or install woodwork until building is enclosed, wet work is completed, and HVAC system is operating.
PART 2 - PRODUCTS
2.1 MATERIALS
A. Hardboard: AHA A135.4.
B. Medium-Density Fiberboard: ANSI A208.2, Grade 130, made with binder containing no urea formaldehyde.
C. Softwood Plywood: DOC PS 1.
D. Hardwood Plywood and Face Veneers: HPVA HP-1, made with adhesive containing no urea formaldehyde.
E. Thermoset Decorative Panels: Comply with LMA SAT - 1.
F. High-Pressure Decorative Laminate: NEMA LD 3.
G. Solid-Surfacing Material: Homogeneous solid sheets of filled plastic resin complying with ISSFA-2.
2.2 CABINET HARDWARE AND ACCESSORY MATERIALS
A. Provide hardware as indicated complying with BHMA A156.9.
B. Exposed Hardware Finishes: Comply with BHMA A156.18 for BHMA code number indicated.
C. Furring, Blocking, Shims, and Hanging Strips: Fire-retardant-treated lumber, kiln dried to 15 percent moisture content.

2.3 INTERIOR WOODWORK
A. Complete fabrication 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.
B. Backout or groove backs of flat trim members and kerf backs of other wide, flat members, except for members with ends exposed in finished work.
C. Interior Standing and Running Trim for Transparent Finish: Custom grade, species as indicated.
D. Interior Standing and Running Trim for Opaque Finish: Custom grade, made from any closed-grain hardwood.
E. Interior Ornamental Work for Transparent Finish: Custom grade, made from species as indicated.
F. Interior Ornamental Work for Opaque Finish: Custom grade, made from any closed-grain hardwood.
G. Wood Cabinets for Transparent Finish: Custom grade.
1. AWI Type of Cabinet Construction: Flush overlay.
2. Wood Species and Cut for Exposed Surfaces: As indicated, and directed by Architect.
3. Grain Direction: As directed by Architect.
4. Matching of Veneer Leaves: As directed by Architect.
5. Semiexposed Surfaces Other Than Drawer Bodies: Same species and cut indicated for exposed surfaces.
6. Drawer Sides and Backs: Solid-hardwood lumber, stained to match species indicated for exposed surfaces.
7. Drawer Bottoms: Thermoset decorative panels.
H. Plastic-Laminate Cabinets: Custom grade.
1. AWI Type of Cabinet Construction: Flush overlay.
2. Drawer Sides and Backs: Solid hardwood.
3. Drawer Bottoms: Thermoset decorative panels.
I. Plastic-Laminate Countertops: Premium grade.
1. Laminate Grade: HGS for flat countertops, HGP for post-formed countertops.
2. Edge Treatment: Same as laminate cladding on horizontal surfaces.
J. Solid-Surfacing Material Countertops: Custom grade.
1. Solid-Surfacing Material Thickness: 3/4 inch.
2. Fabricate tops in one piece with shop-applied edges.
2.4 SHOP FINISHING OF INTERIOR ARCHITECTURAL WOODWORK
A. Finishes: Same grades as items to be finished.
B. Finish architectural woodwork at the fabrication shop; defer only final touch up until after installation.
1. Apply one coat of sealer or primer to concealed surfaces of woodwork.
2. Apply two coats to back of paneling and to end-grain surfaces.
3. Apply a vinyl wash coat to woodwork made from closed-grain wood before staining and finishing.
4. After staining, if any, apply paste wood filler to open-grain woods and wipe off excess. Tint filler to match stained wood.
C. Transparent Finish: AWI finish system conversion varnish.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Before installation, condition woodwork to average prevailing humidity conditions in installation areas.
B. Install woodwork to comply with referenced quality standard for grade specified.
C. Install woodwork level, plumb, true, and straight. Shim as required with concealed shims. Install level and plumb (including tops) to a tolerance of 1/8 inch in 96 inches.
D. Scribe and cut woodwork to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.
E. Anchor woodwork to anchors or blocking built in or directly attached to substrates. Fasten with countersunk concealed fasteners and blind nailing. Use fine finishing nails for exposed nailing, countersunk and filled flush with woodwork.
F. Standing and Running Trim: Install with minimum number of joints possible, using full-length pieces (from maximum length of lumber available) to greatest extent possible. Do not use pieces less than 36 inches long, except where shorter single-length pieces are necessary. Scarf running joints and stagger in adjacent and related members.
G. Anchor paneling to supports with concealed panel-hanger clips and by blind nailing on back-up strips, splined-connection strips, and similar associated trim and framing.
H. Cabinets: Install so doors and drawers are accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation.
1. Fasten wall cabinets through back, near top and bottom, at ends and not more than 16 inches o.c. with [No. 10 wafer-head sheet metal screws through metal backing or metal framing behind wall finish.
I. Anchor countertops securely to base units. Seal space between backsplash and wall.
END OF SECTION 06 40 23

SECTION 072100 - BUILDING INSULATION
PART 1 - GENERAL
1.1 SUMMARY
A. Section Includes:
1. Insulation.
1.2 SUBMITTALS
A. Product Data: Each type of insulation specified.
B. Product Test Reports: From and based on tests performed by a qualified independent testing agency evidencing compliance of insulation products with specified requirements including those for thermal resistance, fire-test-response characteristics, water absorption, and other properties, based on comprehensive testing of current products.
C. Research or Evaluation Reports: Reports of the model code organization acceptable to authorities having jurisdiction that evidence compliance of foam-plastic insulations with building code in effect for Project.
1.3 QUALITY ASSURANCE
A. Single-Source Responsibility for Insulation Products: Obtain each type of building insulation from a single source with resources to provide products complying with requirements indicated without delaying the Work.
B. Fire-Test-Response Characteristics: Provide insulation and related materials with the fire-test- response characteristics indicated on Drawings or specified elsewhere in this Section as determined by testing identical products per test method indicated below by UL or another testing and inspecting agency acceptable to authorities having jurisdiction. Identify materials with appropriate markings of applicable testing and inspecting agency.
1. Surface-Burning Characteristics: ASTM E 84.
2. Fire-Resistance Ratings: ASTM E 119.
3. Combustion Characteristics: ASTM E 136.
1.4 DELIVERY, STORAGE, AND HANDLING
A. Protect insulation materials from physical damage and from deterioration by moisture, soiling, and other sources. Store inside and in a dry location. Comply with manufacturer's written instructions for handling, storing, and protecting during installation.
PART 2 - PRODUCTS
2.1 MANUFACTURERS
A. Manufacturers: Subject to compliance with requirements, provide insulation products by one of the following:
1. Sound Batt Insulation:
a. CertainTeed Corporation.
b. JohnsManville
c. Knauf Fiber Glass GmbH.
d. Owens-Corning Fiberglas Corporation.
e. Schuller International, Inc.
2.2 INSULATING MATERIALS
A. General: Provide insulating materials that comply with requirements and with referenced standards.
2.3 SOUND BATT INSULATION
A. Sound Batt Insulation: ASTM C 665, Type I (blankets without membrane facing), Class A, with maximum flame-spread and smoke-developed indices of 10 and 10, respectively, produced by combining thermosetting resins with mineral fibers manufactured from glass, slag wool, or rock wool.
1. Thickness: To match cavity space indicated; provide single thickness blanket.
PART 3 - EXECUTION
3.1 EXAMINATION
A. Examine substrates and conditions, with Installer present, for compliance with requirements of Sections in which substrates and related work are specified and to determine if other conditions affecting performance of insulation are satisfactory. Do not proceed with installation until unsatisfactory conditions have been corrected.
3.2 PREPARATION
A. Clean substrates of substances harmful to insulation.
3.3 INSTALLATION, GENERAL
A. Comply with insulation manufacturer's written instructions applicable to products and application indicated.
B. Install insulation that is undamaged, dry, and unsoiled
C. Extend insulation in thickness indicated to envelop entire area to be insulated. Cut and fit tightly around obstructions and fill voids with insulation. Remove projections that interfere with placement.
D. Apply single layer of insulation to produce thickness indicated, unless multiple layers are otherwise shown or required to make up total thickness.
3.4 INSTALLATION OF INSULATION
A. General: Apply insulation types specified to substrates indicated, complying with manufacturer's written instructions and recommendations.
B. Install blanket insulation in cavities formed by framing members according to the following requirements:
1. Use blanket widths and lengths that fill the cavities formed by framing members. If more than one length is required to fill cavity, provide lengths that will produce a snug fit between ends.
2. Place blankets in cavities formed by framing members to produce a friction fit between edges of insulation and adjoining framing members.
3. For metal-framed wall cavities where cavity heights exceed 96 inches, support unfaced blankets mechanically.
4. Do not force or compact insulation into stud cavity.
3.5 PROTECTION
A. General: Protect installed insulation from damage due to harmful weather exposures, physical abuse, and other causes. Provide temporary coverings or enclosures where insulation is subject to abuse and cannot be concealed and protected by permanent construction immediately after installation.

END OF SECTION 072100

SECTION 09 68 13 - TILE CARPETING
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: Product Data and Samples.
PART 2 - PRODUCTS
2.1 CARPET TILE
A. Provide carpet tile as indicated on Finish Schedule.

D. Critical Radiant Flux Classification: Not less than 0.45 W/sq. cm per ASTM E 648.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Comply with CRI 104.
B. Prepare substrates according to ASTM F710. Verify that substrates are dry and free of curing compounds, sealers, and hardeners.
C. Installation Method: Glue down; releasable, pressure-sensitive adhesive.
D. Install borders parallel to walls.
END OF SECTION 09 68 13

SECTION 09 91 20 - PAINTING (PROFESSIONAL LINE PRODUCTS)
PART 1 - GENERAL
1.1 SUBMITTALS
A. Product Data: For each paint system indicated.
B. Samples: Provide 12 by 12 inch samples of each paint color and finish. Paint sample to be applied on same type of substrate as indicated.
1.2 QUALITY ASSURANCE
A. Applicator Qualifications: A firm or individual experienced in applying paints and coatings 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.
B. Source Limitations: Obtain primers for each coating system from the same manufacturer as the finish coats.
PART 2 - PRODUCTS
2.1 MANUFACTURERS
A. Products: Subject to compliance with requirements, provide one of the products listed in other Part 2 articles.
B. Manufacturers' Names: Shortened versions (shown in parentheses) of the following manufacturers' names are used in other Part 2 articles:
1. ICI Paints (ICI Paints).
2. Porter Paints (Porter).
3. PPG Industries, Inc. (Pittsburgh Paints).
4. Sherwin-Williams Co. (Sherwin-Williams).
5. Flame Control Coatings, Inc. (Flame Control Coatings)
2.2 INTERIOR PRIMERS
A. Interior Gypsum Board Primer: Factory-formulated latex-based primer for interior application.
1. ICI Paints; 1000 Prep & Prime Hi-Hide Wall Interior Water-Based Primer Sealer: Applied at a dry film thickness of not less than 1.2 mils.
2. Porter; 867 ProMaster 2000 PVA Drywall Primer Sealer: Applied at a dry film thickness of not less than 1.1 mils.
3. Pittsburgh Paints; 6-2 SpeedHide Interior Quick-Drying Latex Sealer: Applied at a dry film thickness of not less than 1.0 mil.
4. Sherwin-Williams; PrepRite High Build Interior Latex Primer/Surfacer B28W601 Series: Applied at a dry film thickness of not less than 1.6 mils.
B. Interior Wood Primer for Acrylic-Enamel and Semigloss Acrylic-Enamel Finishes: Factory-formulated acrylic-latex-based interior wood primer.
1. ICI Paints; 3210 Prep & Prime Gripper Multi-Purpose Interior/Exterior Water-Based Primer Sealer: Applied at a dry film thickness of not less than 1.8 mils.
2. Porter; 1129 Blanket Acrylic Primer Sealer: Applied at a dry film thickness of not less than 1.5 mils.
3. Pittsburgh Paints; 6-855 SpeedHide Latex Enamel Undercoater: Applied at a dry film thickness of not less than 1.0 mil.
4. Sherwin-Williams; PrepRite Wall and Wood Primer B49W200 Series: Applied at a dry film thickness of not less than 1.6 mils.
C. Interior Ferrous-Metal Primer: Factory-formulated quick-drying rust-inhibitive acrylic-based metal primer.
1. ICI Paints; 4160 Devguard Multi-Purpose Primer: Applied at a dry film thickness of not less than 2.2 mils.
2. Porter; 215 porter Guard DTM White Acrylic Metal Primer. Applied at a dry film thickness of not less than 2.0 mils.
3. Pittsburgh Paints; 90-712 Pitt-Tech Acrylic Primer: Applied at a dry film thickness of not less than 1.5 mils.
4. Sherwin-Williams; Kem Kromik Universal Metal Primer B66W1: Applied at a dry film thickness of not less than 3.0 mils.
D. Interior Zinc-Coated Metal Primer: Factory-formulated galvanized metal primer.
1. ICI Paints; 4160 Devguard Multi-Purpose Primer: Applied at a dry film thickness of not less than 2.0 mils.
2. Porter; 215 Porter Guard DTM White Acrylic Metal Primer: Applied at a dry film thickness of not less than 3.0 mils.
3. Pittsburgh Paints; 90-712 Pitt-Tech Water Borne Acrylic DTM Primer: Applied at a dry film thickness of not less than 3.0 mils.
4. Sherwin-Williams; B66W1 Direct to Metal (DTM) Acrylic Primer: Applied at a dry film thickness of not less than 3.0 mils.
2.3 INTERIOR FINISH COATS
A. Interior Flat Acrylic Enamel: Factory-formulated flat acrylic-latex interior enamel:
1. ICI Paints; 1200 Dulux Professional Velvet Matte Interior Flat Latex Wall & Trim Finish: Applied at a dry film thickness of not less than 1.4 mils.
2. Pittsburgh Paints; 6-70 Line SpeedHide Interior Wall Flat-Latex Paint: Applied at a dry film thickness of not less than 1.0 mil.
3. Sherwin-Williams; ProMar 200 Interior Latex Flat Wall Paint B30W200 Series: Applied at a dry film thickness of not less than 1.4 mils.
4. Porter Paints; Pro-Master 2000 Flat Interior Latex Wall Paint No. 6109: Applied at a dry film thickness of not less than 1.3 mils.
B. Interior Low-Luster Acrylic Enamel: Factory-formulated eggshell acrylic-latex interior enamel.
1. ICI Paints; 1402 Dulux Professional Acrylic Eggshell Interior Wall & Trim Enamel: Applied at a dry film thickness of not less than 1.4 mils.
2. Porter; 6129 ProMaster 2000 Acrylic Latex Eggshell Enamel: Applied at a dry film thickness of not less than 1.4 mils.
3. Pittsburgh Paints; 6-400 Series SpeedHide Eggshell Acrylic Latex Enamel: Applied at a dry film thickness of not less than 1.25 mils.
4. Sherwin-Williams; ProMar 400 Interior Latex Egg-Shell Enamel B20-4400 Series: Applied at a dry film thickness of not less than 1.6 mils.
C. Interior Semigloss Acrylic Enamel: Factory-formulated semigloss acrylic-latex enamel for interior application.
1. ICI Paints; 1406 Dulux Professional Acrylic Semi-Gloss Interior Wall & Trim Enamel: Applied at a dry film thickness of not less than 1.5 mils.
2. Porter; 6139 Promaster 2000 Acrylic Latex Semi-Gloss Enamel: Applied at a dry film thickness of less than 1.5 mils.
3. Pittsburgh Paints; 6-500 Series SpeedHide Interior Semi-Gloss Latex: Applied at a dry film thickness of not less than 1.0 mil.
4. Sherwin-Williams; ProMar 400 Interior Latex Semi-Gloss Enamel B31-4400 Series: Applied at a dry film thickness of not less than 1.3 mils.

PART 3 - EXECUTION
3.1 EXAMINATION
A. Examine substrates, areas, and conditions, with Applicator present, for compliance with requirements for paint application. Comply with procedures specified in PDCA P4.
1. Proceed with paint application only after unsatisfactory conditions have been corrected and surfaces receiving paint are thoroughly dry.
B. Coordination of Work: Review other Sections in which primers are provided to ensure compatibility of the total system for various substrates. On request, furnish information on characteristics of finish materials to ensure use of compatible primers. Notify Architect about anticipated problems when using the materials specified over substrates primed by others.
3.2 PREPARATION
A. General: Remove hardware and hardware accessories, plates, machined surfaces, lighting fixtures, and similar items already installed that are not to be painted. If removal is impractical or impossible because of size or weight of the item, provide surface-applied protection before surface preparation and painting. After completing painting operations in each space or area, reinstall items removed using workers skilled in the trades involved.
B. Cleaning: Before applying paint or other surface treatments, clean substrates of substances that could impair bond of the various coatings. Remove oil and grease before cleaning.
C. Surface Preparation: Clean and prepare surfaces to be painted according to manufacturer's written instructions for each particular substrate condition and as specified.
D. Material Preparation: Mix and prepare paint materials according to manufacturer's written instructions.
E. Tinting: Tint each undercoat a lighter shade to simplify identification of each coat when multiple coats of same material are applied. Tint undercoats to match the color of the finish coat, but provide sufficient differences in shade of undercoats to distinguish each separate coat.
3.3 APPLICATION
A. General: Apply paint according to manufacturer's written instructions. Use applicators and techniques best suited for substrate and type of material being applied.
1. Paint colors, surface treatments, and finishes are indicated in the paint schedules.
2. Do not paint over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions detrimental to formation of a durable paint film.
3. Provide finish coats that are compatible with primers used.
4. The term "exposed surfaces" includes areas visible when permanent or built-in fixtures, grilles, convector covers, covers for finned-tube radiation, and similar components are in place. Extend coatings in these areas, as required, to maintain system integrity and provide desired protection.
5. Paint surfaces behind movable equipment and furniture the same as similar exposed surfaces. Before final installation of equipment, paint surfaces behind permanently fixed equipment or furniture with prime coat only.
6. Paint interior surfaces of ducts with a flat, nonspecular black paint where visible through registers or grilles.
7. Paint back sides of access panels and removable or hinged covers to match exposed surfaces.
8. Finish exterior doors on tops, bottoms, and side edges the same as exterior faces.
B. Scheduling Painting: Apply first coat to surfaces that have been cleaned, pretreated, or otherwise prepared for painting as soon as practicable after preparation and before subsequent surface deterioration. A minimum of one prime coat and two finish coats is required.
1. The number of coats and film thickness required are the same regardless of application method. Do not apply succeeding coats until previous coat has cured as recommended by manufacturer. If sanding is required to produce a smooth, even surface according to manufacturer's written instructions, sand between applications.
2. Allow sufficient time between successive coats to permit proper drying.
C. Application Procedures: Apply paints and coatings by brush, roller, spray, or other applicators according to manufacturer's written instructions.
D. Minimum Coating Thickness: Apply paint materials no thinner than manufacturer's recommended spreading rate to achieve dry film thickness indicated.
E. Completed Work: Match approved samples for color, texture, and coverage. Remove, refinish, or repaint work not complying with requirements.
3.4 CLEANING
A. Cleanup: At the end of each workday, remove empty cans, rags, rubbish, and other discarded paint materials from Project site.
1. After completing painting, clean glass and paint-spattered surfaces. Remove spattered paint by washing and scraping without scratching or damaging adjacent finished surfaces.
3.5 PROTECTION
A. Protect work of other trades, whether being painted or not, against damage from painting. Correct damage by cleaning, repairing or replacing, and repainting, as approved by Architect.
END OF SECTION 09 91 20

SECTION 10 44 13 - FIRE EXTINGUISHER CABINETS
PART 1 - GENERAL
1.1 SUBMITTALS
A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for fire protection cabinets.
1. Fire Protection 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.
B. Shop Drawings: For fire protection cabinets. Include plans, elevations, sections, details, and attachments to other work.
1.2 QUALITY ASSURANCE
A. Fire-Rated, Fire Protection Cabinets: Listed and labeled to comply with requirements in ASTM E 814 for fire-resistance rating of walls where they are installed.
PART 2 - PRODUCTS
2.1 MATERIALS
A. Cold-Rolled Steel Sheet: ASTM A 1008/A 1008M, Commercial Steel (CS), Type B.
B. Stainless-Steel Sheet: ASTM A 666, Type 304.
C. Tempered Float Glass: ASTM C 1048, Kind FT, Condition A, Type I, Quality q3, 3 mm thick, Class 1 (clear).
2.2 FIRE PROTECTION CABINET
A. Cabinet Construction: To match wall receiving cabinet.
1. Fire-Rated Cabinets: Construct fire-rated cabinets with double walls fabricated from 0.0428-inch- thick, cold-rolled steel sheet lined with minimum 5/8-inch- thick, fire-barrier material. Provide factory-drilled mounting holes.
B. Cabinet Material: Stainless-steel sheet.
C. Cabinet Trim Material: Same material and finish as door.
D. Door Material: Stainless steel as indicated.
E. Door Style: Center glass panel with frame.
F. Door Glazing: Tempered float glass (clear).
G. Door Hardware: Manufacturer's standard.
H. 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", black lettering, vertically.
4. Alarm: No alarm on FE cabinets.
J. Finishes:
1. Steel: Factory primed for field painting.
2. Stainless Steel: No. 4.
2.3 FABRICATION
A. Fire Protection Cabinets: Provide manufacturer's standard box (tub) with trim, frame, door, and hardware to suit cabinet type, trim style, and door style indicated.
1. Weld joints and grind smooth.
2. Provide factory-drilled mounting holes.
3. Prepare doors and frames to receive locks.
4. Install door locks at factory.
B. Cabinet Doors: Fabricate doors according to manufacturer's standards, from materials indicated and coordinated with cabinet types and trim styles selected.
1. Fabricate door frames with tubular stiles and rails and hollow-metal design, minimum 1/2 inch thick.
2. Miter and weld perimeter door frames.
C. Cabinet Trim: Fabricate cabinet trim in one piece with corners mitered, welded, and ground smooth.
2.4 GENERAL FINISH REQUIREMENTS
A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
B. Protect mechanical finishes on exposed surfaces of fire protection cabinets from damage by applying a strippable, temporary protective covering before shipping.
C. Finish fire protection cabinets after assembly.
D. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

PART 3 - EXECUTION
3.1 EXAMINATION
A. Examine walls and partitions for suitable framing depth and blocking where recessed cabinets will be installed.
B. Proceed with installation only after unsatisfactory conditions have been corrected.
3.2 INSTALLATION
A. General: Install fire protection cabinets in locations and at mounting heights indicated or, if not indicated, at heights acceptable to authorities having jurisdiction.
B. Fire Protection Cabinets: Fasten cabinets to structure, square and plumb.
1. Unless otherwise indicated, provide recessed fire protection cabinets. If wall thickness is not adequate for recessed cabinets, provide semirecessed fire protection cabinets.
2. Provide inside latch and lock for break-glass panels.
3. Fasten mounting brackets to inside surface of fire protection cabinets, square and plumb.
C. Identification: Vertical lettering.
3.3 ADJUSTING AND CLEANING
A. Remove temporary protective coverings and strippable films, if any, as fire protection cabinets are installed unless otherwise indicated in manufacturer's written installation instructions.
B. Adjust fire protection cabinet doors to operate easily without binding. Verify that integral locking devices operate properly.
C. Touch up marred finishes, or replace fire protection cabinets that cannot be restored to factory-finished appearance. Use only materials and procedures recommended or furnished by fire protection cabinet and mounting bracket manufacturers.
D. Replace fire protection cabinets that have been damaged or have deteriorated beyond successful repair by finish touchup or similar minor repair procedures.
END OF SECTION 10 44 13

SECTION 10 44 16 - FIRE EXTINGUISHERS
PART 1 - GENERAL
1.1 SUBMITTALS
A. Product Data: For each type of product indicated. Include rating and classification, material descriptions, dimensions of individual components and profiles, and finishes for fire extinguisher.
1.2 QUALITY ASSURANCE
A. NFPA Compliance: Fabricate and label fire extinguishers to comply with NFPA 10, "Portable Fire Extinguishers."
B. Fire Extinguishers: Listed and labeled for type, rating, and classification by an independent testing agency acceptable to authorities having jurisdiction.
1. Provide fire extinguishers approved, listed, and labeled by FMG.
1.3 WARRANTY
A. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace fire extinguishers that fail in materials or workmanship within specified warranty period.
1. Warranty Period: Six years from date of Substantial Completion.
PART 2 - PRODUCTS
2.1 PORTABLE, HAND-CARRIED FIRE EXTINGUISHERS
A. Fire Extinguishers: Type, size, and capacity for each fire protection cabinet indicated.
1. Valves: Manufacturer's standard.
2. Handles and Levers: Manufacturer's standard.
3. Instruction Labels: Include pictorial marking system complying with NFPA 10, Appendix B and bar coding for documenting fire extinguisher location, inspections, maintenance, and recharging.
B. Multipurpose Dry-Chemical Type in Steel Container: UL-rated 4-A:60-B:C, 10-lb nominal capacity, with monoammonium phosphate-based dry chemical in enameled-steel container.
1. Verify locations with Architect and comply with requirement of local authorities having jurisdiction.
PART 3 - EXECUTION
3.1 EXAMINATION
A. Examine fire extinguishers for proper charging and tagging.
1. Remove and replace damaged, defective, or undercharged fire extinguishers.
B. Proceed with installation only after unsatisfactory conditions have been corrected.
3.2 INSTALLATION
A. General: Install fire extinguishers in locations indicated and in compliance with requirements of authorities having jurisdiction.
END OF SECTION 10 44 16

CAMPBELL + VAN DUSEN
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ARCHITECT OF RECORD
FRANK W. CAMPBELL AIA
FL LIC. NO. AR0016053

COPY OF THIS PLAN IS NOT VALID UNLESS SIGNED, SEALED AND DATED BY THE ARCHITECT OF RECORD.
SEAL:

COPY OF THIS PLAN IS NOT VALID UNLESS SIGNED, SEALED AND DATED BY THE ENGINEER OF RECORD.
CONSULTANT SEAL:

PROJECT DESCRIPTION:
A NEW OFFICE BUILDING FOR
PROVIDENCE ONE PARTNERS
BUILDING - 01
1145 BUSINESS CENTER DRIVE
HEATHROW, FLORIDA, 32746

ISSUE FOR
CONSTRUCTION
ISSUE DATE
10.21.2025

REVISIONS

NO.	DESCRIPTION	DATE

PROJECT TEAM
PRINCIPAL IN CHARGE
F. CAMPBELL
PROJECT MANAGER
B. BUCKLEY

CLIENT NAME
Provedence One Partners

PROJECT NUMBER
24-0919-01

SHEET NAME
NOTES

SHEET NUMBER
A0.3