DIVISION 10

SPECIALTIES

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ARCHITECTURE

INTERIOR DESIGN

PLANNING

SIZELER ARCHITECTS

SECTION 10190

CUBICLE CURTAIN TRACK

PART 1 - GENERAL

1.1 SUMMARY

A. **Section Includes:** Ceiling-mounted cubicle curtain tracks with fittings and accessories.

B. **Related Sections:**
1. Section 09510 - Acoustical Ceilings.

C. **Items Not Included:** I.V. supports and privacy curtains will be provided by the Owner and are not included in the construction Contract.

1.2 SUBMITTALS

A. **Product Data:** Submit manufacturer's specifications and installation instructions for materials required.

B. **Shop Drawings:** Submit shop drawings for fabrication and erection of ceiling track assemblies. Include plans indicating appropriate radii and large scale details. Show anchorages and accessory items.

1.3 QUALITY ASSURANCE

A. **Single Source Responsibility:** Provide track assemblies as complete units produced by a single manufacturer, including necessary mounting accessories, fittings, and fastenings.

B. **Catalog Standards:** Manufacturer's catalog numbers may be listed in the specifications for convenience in identifying certain Owner furnished medical equipment. Unless modified by the specification, manufacturer's current catalog description for indicated number, together with indicated or specified options or accessories, constitutes requirements for each such unit.

C. **Substitutions:** Use of catalog numbers and specific requirements indicated in the specifications, are not intended to preclude the Owner from purchasing other acceptable medical equipment items, but are given for purpose of equipment items, but are given for purpose of establishing a standard of design, performance, construction, and workmanship.

D. **Coordination:** Coordinate installation sequence, location and schedule with related ceiling work.

1.4 DELIVERY, STORAGE AND HANDLING

A. **Do not deliver units** until construction is ready for their installation. Protect from damage during delivery, storage, handling and installation.

PART 2 - PRODUCTS

2.1 CUBICLE CURTAIN TRACKS

A. **Cubicle Curtain Track:** A. R. Nelson Co. #1200 ceiling mounted track or approved equal, with accessories and hardware for a complete track system. Provide radius curve sections as shown.

B. **Carriers:** Provide one nylon 2-wheel curtain carrier, A. R. Nelson Co. No. 12 or approved equal for each 6" of curtain track, plus an additional 10 percent of the total as overage.

C. **Finish:** Natural color satin anodized aluminum.

D. **Accessory Components:** Provide manufacturer's standard end caps and splice assemblies to suit installation conditions.

E. **Fasteners:** Stainless steel or plated steel installation and assembly screws and bolts. Provide Philips-head, self-drilling, self-tapping sheet metal screws, located to engage flanges of above-ceiling framing members.

2.2 FABRICATION

A. **Shop Assembly:** Preassemble units in the shop to the greatest extent possible, to minimize assembly of units at the project site. Disassemble units only to the extent necessary for shipping and handling limitations.

PART 3 - EXECUTION

3.1 EXAMINATION

A. **Verify all dimensions** and be fully responsible for coordination of all work to fit conditions and space available.

B. **Coordination:** Before ordering materials, coordinate number of carriers required with curtains to be provided.

1. Verify types of fasteners required with types of ceiling systems.

3.2 INSTALLATION

A. **General:** Install track assemblies at locations shown in accordance with the manufacturer's instructions. Provide anchors, trim and accessories necessary for a complete installation. Insert carriers in curtain tracks, ready for privacy curtain installation by others; deliver extra carriers to Owner's representative.

B. **Examine** all installation locations and conditions to ascertain that proposed materials are adequate and proper for the actual job conditions.

C. **Verify** the actual placement and adequacy of the track backing above ceilings; provide backing where lacking.

D. **Splices:** Where length of installation requires that track sections be spliced, join ends snugly and smoothly by means of splicer.

E. **Attachment:** Ceiling type track shall be fastened with screws to yield direct withdrawal strength of 25 pounds minimum. Mounting holes shall be centered accurately along the track.

1. Ceiling mounted tracks shall be located as indicated, secured to ceilings at not over 12 inch centers.

F. **After installation,** burnish all burrs and nicks off smoothly. Remove and replace at no additional cost to the Owner components, which cannot be repaired satisfactorily.

G. **Completed track assemblies** shall be firmly anchored, level and straight at the proper height, with flush hairline joints. All accessible surfaces shall be smooth and free from sharp edges and projections. All exposed ends shall be closed with manufacturer's end caps.

3.3 ADJUST AND CLEAN

A. **Touch-up marred finishes,** but replace units that cannot be restored to factory-finished appearance. Use only materials and procedures recommended by the manufacturer.

END OF SECTION

SECTION 10260

WALL AND CORNER GUARDS

PART 1 - GENERAL

1.1 SUMMARY

A. **Section Includes:**
1. Crash rail system, wall mounted.
2. Corner guards, surface mounted.
3. Door Guards

B. **Related Sections:**
1. Section 09250 - Gypsum Board Assemblies: Gypsum wallboard substrate.

1.2 REFERENCES

A. **National codes (IBC, UBC, SBCCI, BOCA and Life Safety)**

B. **American Society for Testing and Materials (ASTM)**

C. **Underwriters Laboratories (UL)**

1.3 SUBMITTALS

A. **Product Data:** Submit product data for each wall and corner guard system component and installation accessory required, including installation methods for each type of substrate. Provide written data on each required component including physical characteristics, such as durability, resistance to fading, and flame resistance.

B. **Samples for Verification Purposes:** Submit the following samples, prepared from the same material to be used in the Work, for verification of color, pattern, and texture selected and for compliance with requirements indicated:
1. Provide 12 inch long sample of each item required. Include examples of joinery, corners, and field splices.

C. **Product test reports** from a qualified independent testing laboratory showing compliance of each component with requirements indicated.

D. **Maintenance data** for wall protection system components for inclusion in the operating and maintenance manuals specified in Division 1.

1.4 QUALITY ASSURANCE

A. **Installer Qualifications:** Engage an experienced Installer who has previously installed wall and corner guards and wall surface protection systems similar in material, design, and extent to the systems indicated for this Project.

B. **Code compliance:** Assemblies should conform to all applicable codes including IBC, UBC, SBCCI, BOCA and Life Safety.

C. **Plastic Materials:** Extruded plastic components of wall protection assemblies shall comply with the following:

1. Impact Resistance: Not less than 27.9 ft. lbs per inch of width when tested in accordance with ASTM D 256, Test Method A.
2. Fire-Test-Response Characteristics: Comply with specified requirements of ASTM E 84 for flame spread and smoke developed characteristics.
   a. Flame Spread: 25 or less.
   b. Smoke Developed: 450 or less.
3. Chemical and stain resistance: Provide wall protection system components with chemical and stain resistance in accordance with ASTM D-1308.
4. Color match: Provide wall protection components that are color matched in accordance with the following:
   a. Delta E difference of no greater than 1.5 using the Hunter (Lab) Scale. (Specifier note: Construction Specialties' colors are matched under cool white fluorescent lighting and computer controlled within manufacturing tolerances. Color may vary if alternate lighting sources are present).

D. **Single-Source Responsibility:** Provide wall protection assemblies as complete units produced by a single manufacturer, including necessary mounting accessories, fittings, and fastenings.

1.5 DELIVERY, STORAGE, AND HANDLING

A. **Delivery:** Deliver materials to Project site in original factory wrappings and containers, clearly labeled with identification of manufacturer, brand name, quality or grade, and fire hazard classification.

B. **Storage:** Store wall and corner guard materials in original undamaged packages and containers inside a well-ventilated area protected from weather, moisture, soiling, extreme temperatures, and humidity.

C. **Maintain room temperature** within the storage area at not less than 70 deg F (21 deg C) during the period plastic materials are stored. Keep sheet material out of direct sunlight to avoid surface distortion.

1.6 PROJECT CONDITIONS

A. **Materials must be acclimated** in an environment of 65° - 75°F (18° - 24°C) for at least 24 hours prior to beginning the installation.

B. **Environmental Conditions:** Do not install wall and corner guard system components until the space is enclosed and weatherproof, and until the ambient temperature within the building is maintained at not less than 70 deg F, (21 deg C) for not less than 72 hours prior to beginning of the installation.

PART 2 - PRODUCTS

2.1 CRASH RAIL SYSTEM

A. **Approved Product/Manufacturer:** Acrovyn SCR – 80 8", Color #253 (Parchment)" by Construction Specialties, Inc., (C/S) of Muncy, PA, or similar products by Arden.

B. **Vinyl/Acrylic:** Extruded material should be high impact Acrovyn with pebblette grain texture, .078" (1.98mm) thickness. Chemical and stain resistance should be per ASTM D-1308 standards

C. **Aluminum Retainer:** Continuous aluminum extrusion, alloy 6063-T5, mill finish with continuous vinyl cushion secured in dovetail groove of extrusion.

D. **Snap-on Covers:** Heavy-duty vinyl/acrylic guard with nominal wall thickness of .110", with integral color and embossed surface texture.

E. **Accessory Components:** End caps shall be mechanically fastened with concealed fasteners. Color matched end caps, mounting brackets and corners shall be removable for ease of replacement. End caps, corners and mounting brackets shall be color coordinated with crash rails.

2.2 CORNER GUARDS

A. **Approved Manufacturers:** Construction Specialties, Inc., (C/S) of Muncy, PA, or similar products by Arden.

B. **Materials:** Vinyl/Acrylic high-impact Acrovyn 0.078" thick, pebble finish.
1. Color #253 (Parchment).

C. **Model and Type:**
1. Standard 90-degree corners: C/S Model SM-10/20, 3" legs by 48" long.

2.3 DOOR GUARDS

A. **Approved Manufacturers:** Construction Specialties, Inc., (C/S) of Muncy, PA, or similar products by Arden.

B. **Materials:** Vinyl/Acrylic high-impact Acrovyn 0.078" thick, pebble finish.
1. Color #253 (Parchment)

C. **Model:**
1. C/S Model DFP-D1.

2.4 ACCESSORIES

A. **Fasteners:** Provide nonmagnetic stainless steel, or other noncorrosive metal screws, bolts, and other fasteners compatible with aluminum components, hardware, anchors, and other items being fastened. Use theft-proof fasteners where exposed to view.

PART 3 - EXECUTION

3.1 EXAMINATION

A. **Examine** areas and conditions in which corner guard components will be installed.

B. **Complete** all finishing operations, including painting and wall covering, before beginning installation of corner guard system materials.

C. **Unsatisfactory Conditions:** Do not proceed with installations until unsatisfactory conditions have been corrected.

D. **Fire-rated Corner Guards**: Verify locations and hourly ratings of all fire-rated corner guards with Architect.

3.2 PREPARATION

A. **Substrate:** Prior to installation, clean substrate to remove dust, debris, and loose particles.

3.3 INSTALLATION

A. **General:** Install wall and corner guard units plumb, level, and true to line without distortions, with flush hairline joints, in accordance with manufacturer's instructions.

B. **Do not use materials** with chips, cracks, voids, stains, or other defects that might be visible in the finished work.

C. All exposed ends shall be closed with manufacturer's end caps.

D. **Accessories:** Install aluminum retainers, mounting brackets, and other accessories in strict accordance with manufacturer's instructions.

3.4 CLEANING

A. **General:** Immediately upon completion of installation, clean metal and plastic components in accordance with the manufacturer's recommendations.

B. **Remove surplus materials,** rubbish, and debris resulting from installation upon completion of work and leave areas of installation in neat, clean condition.

C. **Touch-up** marred finishes, but replace units that cannot be restored to factory-finished appearance. Use only materials and procedures recommended by the manufacturer.

END OF SECTION

SECTION 10520

FIRE EXTINGUISHERS AND CABINETS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Semi-recessed cabinets and fire extinguishers, as indicated on the Drawings and specified in this Section.

B. Related Sections:

1. Section 07840 - Firestopping: Firestopping sealants at fire-rated cabinets.
2. Section 09250 - Gypsum Board Assemblies: Fire extinguisher cabinets installed in drywall partitions.

1.2 REFERENCES

A. Industry Standards: The Industry Standards listed below refer to the latest date of issue or editions, unless otherwise indicated.

1. NFPA 10 - Standard for Portable Fire Extinguishers; National Fire Protection Association.
2. UL (FPED) - Fire Protection Equipment Directory; Underwriter's Laboratories, Inc.
3. ADA Accessibility Guidelines - Criteria for wall projection of fire extinguisher cabinets
4. ASTM E-814 - Test Method for Fire Tests of Through-Penetration Fire Stops.

1.3 SUBMITTALS

A. Product Data: Submit 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.

B. Samples: Submit samples for verification purposes of each type of metal finish required, prepared on metal samples of same thickness and alloy indicated for final unit of Work. Where finishes involve normal color and texture variations, include sample sets showing full range of variations expected.

1.4 QUALITY 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. **Single-Source Responsibility:** Obtain fire extinguishers and cabinets from one source from a single manufacturer.

D. **Fire Resistance:** Comply with ASTM E-814 for fire-resistive wall performance where necessary.

E. **ADAAG Compliance:** Comply with ADAAG on maximum cabinet projection of 4" in corridors where necessary.

PART 2 - PRODUCTS

2.1 FIRE EXTINGUISHERS

A. **Multipurpose Dry Chemical Type:** UL-rated 4A-60B:C, 10-lb.; in red enameled steel container.

1. Basis of Design: "MP10"; LARSEN'S MANUFACTURING COMPANY.
2. Approved Manufacturers provided the following can meet or exceed all specified criteria and provide the type, finish and style specified:
   a. J.L. INDUSTRIES.
   b. POTTER ROEMER, INC.

2.2 FIRE EXTINGUISHERS

A. **Fire Extinguishers - Multipurpose Dry Chemical Type:** UL-rated 3A-40B:C, 5-lb.; in red enameled steel container.

B. **Approved Products/Manufacturers:**

1. "MP5-A"; LARSEN'S MANUFACTURING COMPANY.
2. "Cosmic 5X"; J.L. INDUSTRIES.
3. "3005- 3"; POTTER ROEMER, INC.

2.3 FIRE EXTINGUISHER CABINETS

A. **Non-Fire-Rated, Semi-Recessed Cabinets:**

1. Cabinet Type: 1 ½" semi-recessed type.
2. Tub: Manufacturer's standard cold-rolled enameled steel box, white baked enamel interior.
   a. Inside Box Dimensions: 24" x 9 ½" x 5".
   b. Nominal Rough Opening: 25" x 10 ½" x 4".
3. Trim and Door Material: Satin anodized aluminum finish; continuous hinge.
4. Door Type: Vertical Duo, with tempered safety glass.
5. Trim Projection: Square trim.

2.4 MOUNTING BRACKETS

A. **Wall-Mounted Fire Extinguisher Brackets:** Provide brackets designed to prevent accidental dislodgement of extinguisher, of sizes required for type and capacity of extinguisher indicated.

1. Location: Provide brackets for extinguishers not located in cabinets where indicated on Drawings.
2. Finish: Manufacturer's standard baked enamel.
3. Location of Use: Provide brackets for each extinguisher not located in an extinguisher cabinet.
4. Identify extinguisher locations with red lettering "FIRE EXTINGUISHER" applied to mounting surface. Letter size, style, and location as selected by the Architect.

PART 3 - EXECUTION

3.1 INSTALLATION

A. **Install items** in locations and at mounting heights indicated, or if not indicated, at heights to comply with applicable regulations of governing authorities.

B. **Prepare recesses** in walls for fire extinguisher cabinets as required by type and size of cabinet and style of trim and to comply with manufacturer's instructions.

C. **Securely fasten** mounting brackets and fire extinguisher cabinets to structure, square and plumb, to comply with manufacturer's instructions.

3.2 COMPLETION

A. **Extinguishers:** Keep extinguishers in locked storage until just prior to inspection for acceptance; obtain signed receipt from Owner's representative and place extinguishers in designated locations, unless instructed to maintain in storage.

1. Verify that certification tags are attached to each extinguisher.
2. Replace or recharge, and recertify, extinguishers that were discharged during construction period, either accidentally or in an emergency.

B. **Cabinets:** All cabinets shall be properly located and rigidly secured, plumb and level. Clean exposed surfaces inside and outside. Remove and replace items, which are damaged and defective and which cannot be acceptably repaired.

C. **Other Work:** Clean and repair other surfaces damaged, soiled or marred by work of this Section; remove and replace items which cannot be acceptably cleaned or repaired.

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.

END OF SECTION