

5. Illumination: Internal.
- D. Exterior Nylon Signs: Provided as part of Equipment Package, Installed by General Contractor.
1. Manufacturers: Alien Industries.
2. Panel Faces: Polycarbonate.
3. Frame: Extruded aluminum.
4. Copy: Raised lettering.
5. Illumination: Internal.
- E. Traffic Signage: Provided as part of Equipment Package, Installed by General Contractor.
1. Manufacturers: Alien Industries.
2. Panel Faces: Polycarbonate.
3. Frame: Extruded aluminum.
4. Copy: Raised lettering.
5. Illumination: Internal.

PART 3 EXECUTION 3.1 INSTALLATION

- A. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- B. Restore damaged finishes. Clean and protect work from damage.

END OF SECTION

SECTION 10 21 13

TOILET COMPARTMENTS

PART 1 GENERAL

1.1 SUMMARY

- A. Provide toilet partitions and screens. I
2. SUBMITTALS A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
- B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.
- 1.3 QUALITY ASSURANCE
- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.

PART 2 PRODUCTS 2.1 MATERIALS

- A. Toilet Compartments:
1. Manufacturers: Specified on construction documents
2. Compartments: Floor-anchored, overhead braced
3. Style: Standard privacy style.
4. Material: Metal with baked enamel finish. ASTM A 591, electrolytically zinc-coated or ASTM A 659 hot-dip galvanized or galvanized, with powder coated or baked enamel finish.

PART 3 EXECUTION 3.1 INSTALLATION

- A. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- B. Limit openings between panels, doors and pilasters to less than 1/2". C. Adjust hardware, clean, and protect work.

END OF SECTION

SECTION 10 26 00

WALL PROTECTION

PART 1 GENERAL

- 1.1 SUMMARY
- A. Provide wall corner protection systems.
- 1.2 SUBMITTALS
- A. No submittals required.
- 1.3 QUALITY ASSURANCE
- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. Performance: Fire performance meeting code requirements.

PART 2 PRODUCTS 2.1 MATERIALS

- A. Corner Guards:
1. Manufacturers: Specified on construction documents.
2. Type: Resilient plastic corner guards?surface mounted.

PART 3 EXECUTION 3.1 INSTALLATION

- A. Install materials in accordance with manufacturer's instructions and approved submittals. Install materials in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- B. Restore damaged finishes. Clean and protect work from damage.

END OF SECTION

SECTION 10 28 13

TOILET ACCESSORIES

PART 1 GENERAL

1.1 SUMMARY

- A. Provide toilet, bath and laundry accessories.
- 1.2 SUBMITTALS
- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
- 1.3 QUALITY ASSURANCE
- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- PART 2 PRODUCTS
- 2.1 MATERIALS
- A. Toilet and Bath Accessories:
1. Manufacturers: Specified on construction documents
2. Accessory: Paper towel dispensers.
3. Accessory: Toilet tissue dispensers?single roll.
4. Accessory: Toilet tissue dispensers?double roll.
5. Accessory: Waste receptacles.
6. Accessory: Combination towel dispenser/waste receptacle units.
7. Accessory: Grab bars.
8. Accessory: Sanitary napkin disposal units.
9. Accessory: Soap dispensers?wall mounted.
10. Accessory: Mop and broom holders.
11. Accessory: Coat hooks.
12. Accessory: Baby changing stations.
13. Accessory: Undercounter lavatory pipe guard.
14. Accessory: Electric hand dryers.
15. Finish: Stainless steel.

PART 3 EXECUTION 3.1 INSTALLATION

- A. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- B. Restore damaged finishes and test for proper operation. Clean and protect work from damage.

END OF SECTION

10520 - FIRE-PROTECTION SPECIALTIES

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section Includes the following:
1. Portable fire extinguishers.

1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.
1. Fire Extinguishers: Include rating and classification.

1.3 QUALITY ASSURANCE

- A. NFPA Compliance: Fabricate and label fire extinguishers to comply with NFPA 10, "Portable Fire Extinguishers."

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. In other Part 2 articles where titles below introduce lists, the following requirements apply to product selection:
1. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, manufacturers specified.

2.2 PORTABLE FIRE EXTINGUISHERS & CABINETS

- A. Manufacturers:
1. J.L. Industries, Inc.
2. Kidde Pyrotechs.
3. Larsen's Manufacturing Company.
- B. General: Provide fire extinguishers as required of type, size, and capacity as required by governing authorities.
- C. Cabinet: Non-rated enameled recessed steel cabinet with manufacturers standard baked enamel paint.

- D. Accessories:
1. Mounting Bracket: Manufacturer's standard steel, designed to secure fire extinguisher to wall.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Examine fire extinguishers for proper charging and tagging. Remove and replace damaged, defective, or undercharged units.
- B. Install fire-protection specialties in locations and at mounting heights acceptable to authorities having jurisdiction.
- C. Mounting Brackets: Fasten mounting brackets to surfaces, square and plumb.

END OF SECTION 10520

SECTION 10 73 13

ANNINGS

PART 1 GENERAL

1.1 SUMMARY

- A. Provide ceilings and support framework.
- 1.2 SUBMITTALS
- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
- B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.

1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Exterior Awnings:
1. Manufacturers: Specified on construction documents
2. Type: Fixed fabric.
3. Frame: Aluminum.
- PART 3 EXECUTION
- 3.1 INSTALLATION
- A. Take field measurements prior to fabrication, where possible. Form to required shapes and sizes with true, straight edges, lines and angles.
- B. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction. Coordinate with work of other sections.
- C. Test for proper operation. Restore damaged finishes and protect work.

END OF SECTION

SECTION 11 40 00

FOOD SERVICE EQUIPMENT

PART 1 GENERAL

1.1 SUMMARY

- A. Food service equipment is supplied by the Owner (Franchisee). See equipment schedule and drawings for exact listing of Owner supplied equipment.
- B. Provide commercial stainless steel food service equipment as specified on construction documents.
- C. Provide interior finish carpentry including:
1. Interior Trim
2. Interior frames and jambes
3. Plastic laminate cabinets: Provided as part of equipment package installed by general contractor.
4. Plastic laminate counter tops: Provided as part of equipment package installed by general contractor.
5. Solid surface counter tops: Provided as part of equipment package installed by general contractor.
6. Provide aluminum mesh through window unit. Provided in equipment package, installed by general contractor.
- E. Food service equipment is supplied by the Owner (Franchisee). See equipment schedule and drawings for exact listing of Owner supplied equipment.
- F. The Contractor shall submit to the owner a construction schedule for the coordination and timing of delivery of the owner furnished items.
- G. The Contractor shall store all pieces of equipment in secure, weather protected areas in their original packaging.
- H. The Contractor is required to receive and unload the owner supplied equipment. The owner shall arrange and pay for delivery of the equipment to the site. The contractor and/or subcontractors shall uncrate, install, and hook up equipment.
- I. Provide cold storage rooms.
- J. Provide exhaust hood and ansul system.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
- B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.
- C. Samples: Submit two representative samples of each material specified indicating visual characteristics and finish. Include range samples if variation of finish is anticipated.
- D. Coordinate foodservice equipment layout and installation with other work, including lighting, HVAC, fire suppression, and utility service connections.
- E. Operation and Maintenance Data for exhaust hood and ansul system: Submit manufacturer's operation and maintenance data, including operating instructions, list of spare parts and maintenance schedule.

1.3 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- B. Codes and Standards:
1. NSF Seal of Approval.
2. Underwriters' Laboratories Label.
3. ASHRAE 15, "Safety Code for Mechanical Refrigeration."
4. NFPA 54, "National Fuel Gas Code."
5. NFPA 70, "National Electrical Code."
6. NFPA 46, "Ventilation Control, and Fire Protection of Commercial Cooking Operations."
7. ASME Boiler and Pressure Vessel Code.
8. ANSI Architectural Woodwork Institute Architectural Woodwork Quality Standards
9. NWC Woodwork Institute of California Manual of Millwork

C. Preservative Treatment: Nonpressure method, exterior type, AWPA N1

- D. Fire-Retardant Treatment:
1. Lumber: AWPA C20, non-corrosive type.
2. Plywood: AWPA C27, non-corrosive type.
3. Particleboard: ASTM E 84, Flame spread 20 or less.
- E. Wood Products: Comply with the following:
1. Hardboard: AHA A1B5.4.
2. Medium-Density Fiberboard: ANSI A202.2, Grade MD-Exterior Glue.
3. Manufacturers: ANSI A202.1, Grade M-2-Exterior Glue.
4. Softwood Plywood: DGC P5 1, Medium Density Overlay.
5. Hardwood Plywood and Face Veneers: HFVA HP-1.

PART 2 PRODUCTS

- 2.1 MATERIALS
- A. Installation Accessories: NSF certified for end use application indicated.
- B. Sealant: ASTM C 920, Type 5 (single component), Grade NS (nonseg), Class 25, use NT (nontraffic) related to exposure and use M, S, A, or O as applicable.
1. Public Health and Safety Requirements:
- a. Washed and cured sealant complies with FDA's regulations for use in areas that come in contact with food.
2. Backer Rod: ASTM G 1930, Type C, closed cell polyethylene, in diameter larger than joint width.
- C. Interior Standing and Running Trim and Rails:
1. Species for Transparent Finish: Maple.
2. Grade: Premium.
- D. Interior Plastic Laminate Clad Cabinets:
1. Laminate: High pressure decorative laminate?NEMA LD-3.
2. Core: Plywood.
3. Edge: Laminate.
- E. Interior Plastic Laminate Clad Countertops:
1. Laminate: High pressure decorative laminate?NEMA LD-3.
2. Core: Plywood.
3. Edge: Laminate.
- F. Interior Solid Surfacing Material Countertops:
1. Manufacturers: Corian.
2. Type: Homogeneous solid sheets ANSI Z124.3, for Type 5 or Type 6, without a precast finish.
3. Edge: 1/2" radius.
- G. Pass-Through Windows:
1. Manufacturers: Gulksary Corp.
2. Type: In-line side-sliding manual open/close window.
3. Anchors?Clips?and Window Accessories: Aluminum/nonmagnetic stainless steel?or galvanized steel.
4. Glazing: Insulating glass.
5. Finish: Clear anodized.
- H. Walk-In Freezer/Cooler:
1. Manufacturers: Norlake
2. Panels: Insulated metal wall and ceiling panels.
3. Insulated Doors: Suitable for service.
4. Mechanical Units: roof mounted
- I. Exhaust Hood and Fire Suppression Systems:
1. Manufacturers: Union Comfort Technologies
2. Application: Exhaust hood and ansul system.
3. Components: Suitable for service.
- a. Fixtures.
- b. Piping?fittings?and joints.
- c. Pumps.
- d. Expansion fittings and loops.
- e. Sleeves and escutcheons.
- f. Flow and tamper alarm switches.
- g. Meters and gages.
- h. Gate valves?check valves?and drain valves.
- i. Pipe hangers and supports.
- j. Heat tracing.
- k. Vibration and seismic details.
- l. Identification devices.
- m. Piping insulation.

PART 3 FABRICATION

- 3.1 FABRICATION
- A. General: Complete fabrications in shop to maximum extent possible before shipment to project site. Where necessary for fitting at site, provide allowance for scribing, trimming, and fitting.
- B. Interior finish work grade: as indicated on construction documents
- C. Shop cut openings to maximum extent possible: sand edges of cutouts to remove splinters and burrs. Seal edges of openings in countertops per manufacturers requirements.

- D. Interior Trim:
1. For transparent finished trim items wider than available lumber, use veneered construction. Do not glue for width.
2. Back out 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. Plastic Laminate cabinets:
1. ANSI type of cabinet construction as indicated on construction documents.
- D. Plastic laminate counter tops:
1. High pressure decorative laminate as indicated on construction documents.
2. Joint: Provide a spline joint with draw-tight hardware.
- E. Solid surface counter tops:
1. Solid surface material as indicated on construction documents.
2. Provide product in the largest pieces available.
3. Form field joints using manufacturers recommended adhesive, with joints inconspicuous in finished work.

- F. Cabinet Hardware and Accessories:
1. Door Pulls: Wire, 4" center to center, Polished Chrome
2. Hinges: Concealed Heavy Duty, 120 degree swing

3.2 SHOP FINISHING

- A. Finish architectural cabinetry at fabrication shop. Defer only final touchup, cleaning, and polishing until after installation.
- B. Transparent finish as indicated on construction documents

PART 4 EXECUTION

- 4.1 INSTALLATION
- A. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- B. As a guideline for prompt and efficient equipment installation, the contractor shall have carpentry, plumbing, electrical, and refrigeration trades on site and available from the second day of equipment installation until all equipment is installed and hooked up.
- C. The contractor shall dispose of all crating and packaging materials. Provide the owner with all product literature and warranty information. The owner is responsible for checking the equipment shipment for shortages and damage.
- D. Install foodservice equipment level and plumb, according to manufacturers written instructions.
1. Connect equipment to utilities.
2. Provide cutouts in equipment, neatly formed, where required to run service lines through equipment to make final connections.
- E. Complete stainless steel equipment assembly where field assembly is required.
1. Provide closed butt and contact joints that do not require filler.
2. Grind field welds on stainless steel equipment smooth and polish to match adjacent finish.
- F. Install equipment with access and maintenance clearances that comply with manufacturers written instructions and requirements of authorities having jurisdiction.
- G. Install closure trim strips and similar items requiring fasteners in a bed of sealant.
- H. Install joint sealant in joints between equipment and abutting surfaces with continuous joint backing, where required. Produce airtight, watertight, vermin proof, and sanitary joints.
- I. Before installation, condition woodwork to average prevailing humidity conditions in installation areas. Examine shop-fabricated work for completion and complete work as required, including removal of packing and back-prime.
- J. Provide wood work to sizes, shapes, and profiles indicated. Install work to comply with quality standards referenced. Back prime work and install plumb, level and straight with tight joints; scribe work to fit.
- K. Quality Standard: Install woodwork to comply with [AWI Section 1100] [NWC Section 26] for the same grade specified for type of woodwork involved.
- L. Comply with manufacturer's requirements for cutting, handling, fastening and working treated materials.
- M. Fabricate windows to conform to AAMA standards and to accept glass specified.
- N. Take field measurements for walk-in freezer/cooler prior to fabrication, where possible. Form to required shapes and sizes with true, straight edges, lines and angles.
- O. Test for walk-in freezer/cooler for proper operation. Restore damaged finishes and protect work.

- P. Instruct Owner's personnel in proper operation of Exhaust hood and ansul systems. Clearly label all valves and components.

4.2 CLEANING AND PROTECTING

- A. Restore damaged finishes and test for proper operation. Clean and protect work from damage.
- B. Clean and adjust equipment as required to produce ready for use condition.
- C. Protect equipment from damage during remainder of construction period.

END OF SECTION

SECTION 12 20 00

WINDOW TREATMENTS

PART 1 GENERAL

1.1 SUMMARY

- A. Provide window treatments.
- 1.2 SUBMITTALS
- A. No submittals required.
- 1.3 QUALITY ASSURANCE
- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
- PART 2 PRODUCTS
- 2.1 MATERIALS
- A. Window Shade:
1. Manufacturers: specified on construction documents.
2. Operation: Lifting mechanisms.
3. Mount: Window head frame
4. Snap on Fascia:
5. Anodized cassette:
6. Fabric: specified on construction documents
7. Color: specified on construction documents

PART 3 EXECUTION

- 3.1 INSTALLATION
- A. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
- B. Restore damaged finishes and test for proper operation. Clean and protect work from damage.

END OF SECTION

SECTION 13 21 26

COLD STORAGE ROOMS

PART 1 GENERAL

1.1 SUMMARY

- A. Provide cold storage rooms.
- 1.2 SUBMITTALS
- A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
- B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.

1.3 QUALITY ASSURANCE

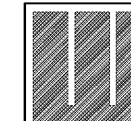
- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.

PART 2 PRODUCTS

2.1 MATERIALS

- A. Cold Storage Rooms:
1. Manufacturers: Norlake
2. Panels: Insulated metal wall and ceiling panels.
3. Insulated Doors: Suitable for service.
4. Mechanical Units: roof mounted
- PART 3 EXECUTION
- 3.1 INSTALLATION
- A. Take field measurements prior to fabrication, where possible. Form to required shapes and sizes with true, straight edges, lines and angles.
- B. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction. Coordinate with work of other sections.
- C. Test for proper operation. Restore damaged finishes and protect work.

END OF SECTION



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