

4. HIGH-PERFORMANCE ARCHITECTURAL LATEX SYSTEM: MPI INT 6.4S.
- PRIME COAT: INTERIOR LATEX-BASED WOOD PRIMER.
  - INTERMEDIATE COAT: HIGH-PERFORMANCE ARCHITECTURAL LATEX MATCHING TOPCOAT.
  - TOPCOAT: HIGH-PERFORMANCE ARCHITECTURAL LATEX [(LOW SHEEN)] [(EGGSHELL)] [(SATIN)] [(SEMIGLOSS)].
- G. DIMENSION LUMBER SUBSTRATES, NONTRAFFIC SURFACES: INCLUDING EXPOSED JOISTS OR EXPOSED BEAMS.
- LATEX SYSTEM: MPI INT 6.2D.
- PRIME COAT: INTERIOR LATEX-BASED WOOD PRIMER.
  - INTERMEDIATE COAT: INTERIOR LATEX MATCHING TOPCOAT.
  - TOPCOAT: INTERIOR LATEX [(FLAT)] [(LOW SHEEN)] [(EGGSHELL)] [(SATIN)] [(SEMIGLOSS)] [(GLOSS)].
- LATEX OVER ALKYD PRIMER SYSTEM: MPI INT 6.2A.
- PRIME COAT: INTERIOR ALKYD PRIMER/SEALER.
  - INTERMEDIATE COAT: INTERIOR LATEX MATCHING TOPCOAT.
  - TOPCOAT: INTERIOR LATEX [(FLAT)] [(LOW SHEEN)] [(EGGSHELL)] [(SATIN)] [(SEMIGLOSS)] [(GLOSS)].
- ALKYD SYSTEM: MPI INT 6.2C.
- PRIME COAT: INTERIOR ALKYD PRIMER/SEALER.
  - INTERMEDIATE COAT: INTERIOR ALKYD MATCHING TOPCOAT.
  - TOPCOAT: INTERIOR ALKYD [(FLAT)] [(EGGSHELL)] [(SEMIGLOSS)] [(GLOSS)].
- HIGH-PERFORMANCE ARCHITECTURAL LATEX SYSTEM: MPI INT 6.2B.
- PRIME COAT: INTERIOR ALKYD PRIMER/SEALER.
  - INTERMEDIATE COAT: HIGH-PERFORMANCE ARCHITECTURAL LATEX MATCHING TOPCOAT.
  - TOPCOAT: HIGH-PERFORMANCE ARCHITECTURAL LATEX [(LOW SHEEN)] [(EGGSHELL)] [(SATIN)] [(SEMIGLOSS)].
- H. GYPSUM BOARD SUBSTRATES:
- LATEX SYSTEM: MPI INT 9.2A.
- PRIME COAT: INTERIOR LATEX [PRIMER/SEALER] [MATCHING TOPCOAT].
  - INTERMEDIATE COAT: INTERIOR LATEX MATCHING TOPCOAT.
  - TOPCOAT: INTERIOR LATEX [(FLAT)] [(LOW SHEEN)] [(EGGSHELL)] [(SATIN)] [(SEMIGLOSS)] [(GLOSS)].
- ALKYD OVER LATEX PRIMER SYSTEM: MPI INT 9.2C.
- PRIME COAT: INTERIOR LATEX PRIMER/SEALER.
  - INTERMEDIATE COAT: INTERIOR ALKYD MATCHING TOPCOAT.
  - TOPCOAT: INTERIOR ALKYD [(FLAT)] [(EGGSHELL)] [(SEMIGLOSS)] [(GLOSS)].
- HIGH-PERFORMANCE ARCHITECTURAL LATEX SYSTEM: MPI INT 9.2B.
- PRIME COAT: INTERIOR LATEX PRIMER/SEALER.
  - INTERMEDIATE COAT: HIGH-PERFORMANCE ARCHITECTURAL LATEX MATCHING TOPCOAT.
  - TOPCOAT: HIGH-PERFORMANCE ARCHITECTURAL LATEX [(LOW SHEEN)] [(EGGSHELL)] [(SATIN)] [(SEMIGLOSS)].
- I. SPRAY-TEXTURED CEILING SUBSTRATES:
- LATEX (FLAT) SYSTEM: MPI INT 9.1A, SPRAY APPLIED.
- PRIME COAT: INTERIOR LATEX [PRIMER/SEALER] [(FLAT)].
  - TOPCOAT: INTERIOR LATEX (FLAT).
- LATEX SYSTEM: MPI INT 9.1E, SPRAY APPLIED.
- PRIME COAT: INTERIOR LATEX MATCHING TOPCOAT.
  - INTERMEDIATE COAT: INTERIOR LATEX MATCHING TOPCOAT.
  - TOPCOAT: INTERIOR LATEX [(FLAT)] [(LOW SHEEN)] [(EGGSHELL)] [(SATIN)] [(SEMIGLOSS)].
- ALKYD OVER LATEX PRIMER SYSTEM: MPI INT 9.1B.
- PRIME COAT: INTERIOR ALKYD PRIMER/SEALER.
  - TOPCOAT: INTERIOR LATEX [(FLAT)] [(LOW SHEEN)] [(EGGSHELL)] [(SATIN)] [(SEMIGLOSS)] [(GLOSS)].
- ALKYD (FLAT) SYSTEM: MPI INT 9.1C.
- PRIME COAT: INTERIOR ALKYD (FLAT).

SECTION 102113 - TOILET COMPARTMENTS

- PART 1 - GENERAL
- 1.1 SUMMARY
- A. THIS SECTION INCLUDES PLASTIC-LAMINATE UNITS AS FOLLOWS:
- TOILET ENCLOSURES: OVERHEAD BRACED, FLOOR ANCHORED, CEILING HUNG, FLOOR AND CEILING ANCHORED.
  - URINAL SCREENS: WALL HUNG.
- 1.2 SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
- B. SAMPLES: FOR EACH EXPOSED FINISH.

PART 2 - PRODUCTS

- 2.1 PLASTIC-LAMINATE UNITS
- A. AVAILABLE MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
- B. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY THE FOLLOWING:
- BOBRICK WASHROOM EQUIPMENT, INC.
- C. PLASTIC LAMINATE: NEMA LD 3, HGS, 0.048-INCH (1.2-MM) NOMINAL THICKNESS.
- COLOR AND PATTERN: AS INDICATED ON THE DRAWINGS.
- D. DOOR, PANEL, AND PLASTER CONSTRUCTION: PLASTIC-LAMINATE FACING SHEETS ARE PRESSURE LAMINATED TO CORE MATERIAL WITHOUT SPLICES OR JOINTS IN FACINGS OR CORES. LAMINATE IS APPLIED TO EDGES BEFORE BROAD SURFACES TO SEAL EDGES AND PREVENT LAMINATE FROM BEING PRIED LOOSE. EXPOSED CORE MATERIAL IS SEALED AT CUTOUTS TO PROTECT CORE FROM MOISTURE.
- CORE MATERIAL: ANSI A208.1, GRADE M-2 PARTICLEBOARD WITH 45-LB (20.4-KG) DENSITY.
  - DOORS AND PANELS: FINISHED TO NOT LESS THAN 1/4 INCH (25 MM) THICK.
  - PLASTERS: PROVIDE CONSTRUCTION TO COMPLY WITH ONE OF THE FOLLOWING:
    - FINISHED TO NOT LESS THAN 1-1/4 INCHES (32 MM) THICK AND WITH INTERNAL, 0.1196-INCH-(3.0-MM-) THICK STEEL SHEET REINFORCEMENT.
    - FINISHED TO NOT LESS THAN 1 INCH (25 MM) THICK AND WITH INTERNAL, 0.1196-INCH-(3.0-MM-) THICK STEEL SHEET REINFORCEMENT.
- E. PILASTER SHOES AND SLEEVES (CAPS): STAINLESS STEEL, ASTM A 666, TYPE 304 L, 1/4".
- F. BRACKETS (FITTINGS):
- STIRRUP TYPE: EAR OR U-BRACKETS, STAINLESS STEEL.

PART 2 - PRODUCTS

- 2.1 PLASTIC-LAMINATE UNITS
- A. AVAILABLE MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
- B. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY THE FOLLOWING:
- BOBRICK WASHROOM EQUIPMENT, INC.
- C. PLASTIC LAMINATE: NEMA LD 3, HGS, 0.048-INCH (1.2-MM) NOMINAL THICKNESS.
- COLOR AND PATTERN: AS INDICATED ON THE DRAWINGS.
- D. DOOR, PANEL, AND PLASTER CONSTRUCTION: PLASTIC-LAMINATE FACING SHEETS ARE PRESSURE LAMINATED TO CORE MATERIAL WITHOUT SPLICES OR JOINTS IN FACINGS OR CORES. LAMINATE IS APPLIED TO EDGES BEFORE BROAD SURFACES TO SEAL EDGES AND PREVENT LAMINATE FROM BEING PRIED LOOSE. EXPOSED CORE MATERIAL IS SEALED AT CUTOUTS TO PROTECT CORE FROM MOISTURE.
- CORE MATERIAL: ANSI A208.1, GRADE M-2 PARTICLEBOARD WITH 45-LB (20.4-KG) DENSITY.
  - DOORS AND PANELS: FINISHED TO NOT LESS THAN 1/4 INCH (25 MM) THICK.
  - PLASTERS: PROVIDE CONSTRUCTION TO COMPLY WITH ONE OF THE FOLLOWING:
    - FINISHED TO NOT LESS THAN 1-1/4 INCHES (32 MM) THICK AND WITH INTERNAL, 0.1196-INCH-(3.0-MM-) THICK STEEL SHEET REINFORCEMENT.
    - FINISHED TO NOT LESS THAN 1 INCH (25 MM) THICK AND WITH INTERNAL, 0.1196-INCH-(3.0-MM-) THICK STEEL SHEET REINFORCEMENT.
- E. PILASTER SHOES AND SLEEVES (CAPS): STAINLESS STEEL, ASTM A 666, TYPE 304 L, 1/4".
- F. BRACKETS (FITTINGS):
- STIRRUP TYPE: EAR OR U-BRACKETS, STAINLESS STEEL.

2.2 ACCESSORIES

- A. HARDWARE AND ACCESSORIES: MANUFACTURER'S STANDARD DESIGN, HEAVY-DUTY OPERATING HARDWARE AND ACCESSORIES.
- MATERIAL: STAINLESS STEEL.
- B. OVERHEAD BRACING: MANUFACTURER'S STANDARD CONTINUOUS, EXTRUDED ALUMINUM HEAD RAIL WITH ANTIRIP PROFILE AND IN MANUFACTURER'S STANDARD FINISH.
- C. ANCHORAGES AND FASTENERS: MANUFACTURER'S STANDARD EXPOSED FASTENERS OF STAINLESS STEEL FINISHED TO MATCH HARDWARE, WITH THEFT-RESISTANT-TYPE HEADS. PROVIDE SEX-TYPE BOLTS FOR THROUGH-BOLT APPLICATIONS. FOR CONCEALED ANCHORS, USE HOT-DIP GALVANIZED OR OTHER RUST-RESISTANT, PROTECTIVE-COATED STEEL.

2.3 FABRICATION

- A. OVERHEAD-BRACED UNITS: PROVIDE MANUFACTURER'S STANDARD CORROSION-RESISTANT SUPPORTS, LEVELING MECHANISMS, FASTENERS, AND ANCHORS AT PLASTERS TO SUIT FLOOR CONDITIONS. MAKE PROVISIONS FOR SETTING AND SECURING CONTINUOUS HEAD RAIL AT TOP OF EACH PILASTER. PROVIDE SHOES AT PLASTERS TO CONCEAL SUPPORTS AND

- LEVELING MECHANISM.
- DOORS: UNLESS OTHERWISE INDICATED, PROVIDE 24-INCH-(610-MM-) WIDE IN-SWINGING DOORS FOR STANDARD TOILET COMPARTMENTS AND 36-INCH-(914-MM-) WIDE OUT-SWINGING DOORS WITH A MINIMUM 32-INCH-(813-MM-) WIDE CLEAR OPENING FOR COMPARTMENTS INDICATED TO BE ACCESSIBLE TO PEOPLE WITH DISABILITIES.
- HINGES: MANUFACTURER'S STANDARD SELF-CLOSING TYPE THAT CAN BE ADJUSTED TO HOLD DOORS OPEN AT ANY ANGLE UP TO 90 DEGREES.
- LATCH AND KEEPER: MANUFACTURER'S STANDARD SURFACE-MOUNTED LATCH UNIT DESIGNED FOR EMERGENCY ACCESS AND WITH COMBINATION RUBBER-FACED DOOR STRIKE AND KEEPER. PROVIDE UNITS THAT COMPLY WITH ACCESSIBILITY REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION AT COMPARTMENTS INDICATED TO BE ACCESSIBLE TO PEOPLE WITH DISABILITIES.
- COAT HOOK: MANUFACTURER'S STANDARD COMBINATION HOOK AND RUBBER-TIPPED BUMPER, SIZED TO PREVENT DOOR FROM HITTING COMPARTMENT-MOUNTED ACCESSORIES.
- DOOR BUMPER: MANUFACTURER'S STANDARD RUBBER-TIPPED BUMPER AT OUT-SWINGING DOORS.
- DOOR PULL: MANUFACTURER'S STANDARD UNIT AT OUT-SWINGING DOORS THAT COMPLIES WITH ACCESSIBILITY REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION. PROVIDE UNITS ON BOTH SIDES OF DOORS AT COMPARTMENTS INDICATED TO BE ACCESSIBLE TO PEOPLE WITH DISABILITIES.

PART 3 - EXECUTION

- 3.1 INSTALLATION
- A. GENERAL: COMPLY WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS. INSTALL UNITS RIGID, STRAIGHT, LEVEL, AND PLUMB. SECURE UNITS IN POSITION WITH MANUFACTURER'S RECOMMENDED ANCHORING DEVICES.
- MAXIMUM CLEARANCES:
    - PILASTERS AND WALLS: 1/2 INCH (13 MM).
    - PANELS AND WALLS: 1 INCH (25 MM).
  - STIRRUP BRACKETS: SECURE PANELS TO WALLS AND TO PILASTERS WITH NOT LESS THAN THREE BRACKETS ATTACHED AT MIDPOINT AND NEAR TOP AND BOTTOM OF PANEL.
    - LOCATE WALL BRACKETS SO HOLES FOR WALL ANCHORS OCCUR IN MASONRY OR TILE JOINTS.
    - ALIGN BRACKETS AT PILASTERS WITH BRACKETS AT WALLS.
- 3.2 ADJUSTING
- A. HARDWARE ADJUSTMENT: ADJUST AND LUBRICATE HARDWARE ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS FOR PROPER OPERATION. SET HINGES ON IN-SWINGING DOORS TO HOLD DOORS OPEN APPROXIMATELY 30 DEGREES FROM CLOSED POSITION WHEN UNLATCHED. SET HINGES ON OUT-SWINGING DOORS TO RETURN DOORS TO FULLY CLOSED POSITION.

SECTION 102800 - TOILET, BATH, AND LAUNDRY ACCESSORIES

PART 1 - GENERAL

- 1.1 SUMMARY
- A. THIS SECTION INCLUDES THE FOLLOWING:
- PUBLIC-USE WASHROOM ACCESSORIES.
  - OWNER-FURNISHED MATERIAL: AS INDICATED ON THE DRAWINGS.
- 1.2 SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
- B. PRODUCT SCHEDULE:
- IDENTIFY LOCATIONS USING ROOM DESIGNATIONS INDICATED ON DRAWINGS.
  - IDENTIFY PRODUCTS USING DESIGNATIONS INDICATED ON DRAWINGS.

PART 2 - PRODUCTS

- 2.1 PUBLIC-USE WASHROOM ACCESSORIES
- A. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY THE FOLLOWING:
- BOBRICK WASHROOM EQUIPMENT, INC.
  - TOILET TISSUE (ROLL) DISPENSER AS INDICATED ON THE DRAWINGS.
  - PAPER TOWEL (FOLDED) DISPENSER AS FURNISHED BY THE OWNER.
  - WASTE RECEPTACLE AS FURNISHED BY THE OWNER.
  - GRAB BARS AS INDICATED ON THE DRAWINGS.
  - SANITARY NAPKIN DISPOSAL UNIT AS INDICATED ON THE DRAWINGS.
  - MIRROR UNIT AS INDICATED ON THE DRAWINGS.
- 2.2 FABRICATION
- A. KEYS: PROVIDE UNIVERSAL KEYS FOR INTERNAL ACCESS TO ACCESSORIES FOR SERVICING AND RESUPPLYING. PROVIDE MINIMUM OF SIX KEYS TO OWNER'S REPRESENTATIVE.

PART 3 - EXECUTION

- 3.1 INSTALLATION
- A. INSTALL ACCESSORIES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS, USING FASTENERS APPROPRIATE TO MATERIAL INDICATED AND RECOMMENDED BY UNIT MANUFACTURER. INSTALL UNITS LEVEL, PLUMB, AND FIRMLY ANCHORED IN LOCATIONS AND AT HEIGHTS INDICATED.

SECTION 104416 - FIRE EXTINGUISHERS

PART 1 - GENERAL

- 1.1 SUMMARY
- A. THIS SECTION INCLUDES PORTABLE, HAND-CARRIED FIRE EXTINGUISHERS AND MOUNTING BRACKETS FOR FIRE EXTINGUISHERS.
2. SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED.
- B. OPERATION AND MAINTENANCE DATA.
- C. WARRANTY: SAMPLE OF SPECIAL WARRANTY.

1.3 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.

1.4 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.
- FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
    - FAILURE OF HYDROSTATIC TEST ACCORDING TO NFPA 10.
    - FAULTY OPERATION OF VALVES OR RELEASE LEVERS.
  - 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 WITH MOUNTING BRACKET.
1. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING, AVAILABLE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
- ANSUL INCORPORATED; TYCO INTERNATIONAL LTD.
  - J. I. INDUSTRIES, INC.; A DIVISION OF ACTIVAR CONSTRUCTION PRODUCTS GROUP.
  - KIDDE RESIDENTIAL AND COMMERCIAL DIVISION; SUBSIDIARY OF KIDDE PLC.
  - LARSEN'S MANUFACTURING COMPANY.
2. INSTRUCTION LABELS: INCLUDE PICTORIAL MARKING SYSTEM COMPLYING WITH NFPA 10, APPENDIX B.
- B. MULTIPURPOSE DRY-CHEMICAL TYPE 4-A: 60-B-C, 10 LB., 4.5 KG. UL-RATED NOMINAL CAPACITY, WITH MONOAMMONIUM PHOSPHATE-BASED DRY CHEMICAL IN MANUFACTURER'S STANDARD ENAMELED CONTAINER.

2.2 MOUNTING BRACKETS

- A. MOUNTING BRACKETS: MANUFACTURER'S STANDARD GALVANIZED STEEL, DESIGNED TO SECURE FIRE EXTINGUISHER TO WALL OR STRUCTURE, OF SIZES REQUIRED FOR TYPES AND CAPACITIES OF FIRE EXTINGUISHERS INDICATED, WITH PLATED OR RED BAKED ENAMEL FINISH.
- B. IDENTIFICATION: LETTERING COMPLYING WITH AUTHORITIES HAVING JURISDICTION FOR LETTER STYLE, SIZE, SPACING, AND LOCATION. LOCATE AS INDICATED ON THE DRAWINGS.
- IDENTIFY BRACKET-MOUNTED FIRE EXTINGUISHERS WITH THE WORDS "FIRE EXTINGUISHER" IN RED LETTER DECALS APPLIED TO MOUNTING SURFACE.
    - ORIENTATION: VERTICAL.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. EXAMINE FIRE EXTINGUISHERS FOR PROPER CHARGING AND TAGGING.
- REMOVE AND REPLACE DAMAGED, DEFECTIVE, OR UNDERCHARGED FIRE EXTINGUISHERS.
- B. INSTALL FIRE EXTINGUISHERS AND MOUNTING BRACKETS IN LOCATIONS INDICATED AND IN COMPLIANCE WITH REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
- MOUNTING BRACKETS: 54 INCHES (1372 MM) ABOVE FINISHED FLOOR TO TOP OF FIRE EXTINGUISHER, OR AT HEIGHTS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
- C. MOUNTING BRACKETS: FASTEN MOUNTING BRACKETS TO SURFACES, SQUARE AND PLUMB, AT LOCATIONS INDICATED.

SECTION 114000 - FOODSERVICE EQUIPMENT

PART 1 - GENERAL

- 1.1 SUMMARY
- A. THIS SECTION INCLUDES EQUIPMENT FOR FOODSERVICE AND RELATED EQUIPMENT INDICATED ON THE DRAWINGS.
- 1.2 SUBMITTALS
- A. COORDINATION DRAWINGS: FOR FOODSERVICE FACILITIES.
- INDICATE LOCATIONS OF FOODSERVICE EQUIPMENT AND CONNECTIONS TO UTILITIES.
  - KEY EQUIPMENT USING SAME DESIGNATIONS AS INDICATED ON DRAWINGS.
  - INCLUDE PLANS AND ELEVATIONS, CLEARANCE REQUIREMENTS FOR EQUIPMENT ACCESS AND MAINTENANCE; DETAILS OF SUPPORTS, EQUIPMENT, AND UTILITY SERVICE CHARACTERISTICS.
- 1.3 QUALITY ASSURANCE
- A. NSF STANDARDS: EQUIPMENT SHALL BEAR NSF CERTIFICATION MARK OR UL CLASSIFICATION MARK CERTIFYING COMPLIANCE WITH APPLICABLE NSF/ANSI STANDARDS.
- B. UL CERTIFICATION: EQUIPMENT SHALL BE UL LISTED AND SHALL BE CERTIFIED FOR APPLICATIONS THAT ARE EVALUATED BY THE UL LISTING AGENCY FOR FIRE, ELECTRIC SHOCK, AND CASUALTY HAZARDS ACCORDING TO APPLICABLE UL STANDARDS AND THAT ARE UL CERTIFIED FOR COMPLIANCE AND LABELED FOR INTENDED USE.
- C. REGULATORY REQUIREMENTS: INSTALL EQUIPMENT TO COMPLY WITH THE FOLLOWING:
- SHRABETS, "SAFE CODE FOR MECHANICAL REFRIGERATION."
  - SPA 540, "NATIONAL FUEL GAS CODE."
  - NFPA 70, "NATIONAL ELECTRICAL CODE."
  - NFPA 96, "VENTILATION CONTROL AND FIRE PROTECTION OF COMMERCIAL COOKING OPERATIONS."
- D. INSTALLATION CONFERENCE: CONDUCT CONFERENCE AT PROJECT SITE AT A DATE AND TIME TO BE ESTABLISHED.

1.4 PROJECT CONDITIONS

- A. COORDINATE FOODSERVICE EQUIPMENT LAYOUT AND INSTALLATION WITH OTHER WORK, INCLUDING LIGHTING FIXTURES, HVAC EQUIPMENT, FIRE-SUPPRESSION SYSTEM COMPONENTS, AND UTILITY SERVICE CONNECTIONS.

PART 2 - PRODUCTS

- 2.1 DESCRIPTION OF WORK
- A. OWNER FURNISHED EQUIPMENT IS INDICATED ON DRAWINGS AND INCLUDES THE FOLLOWING:
- KITCHEN PREPARATION EQUIPMENT.
  - KITCHEN SERVING EQUIPMENT.
  - WALK-IN COOLER AND FREEZER.
  - EXHAUST HOOD.
  - STORAGE SHELVING.
  - MISCELLANEOUS KITCHEN EQUIPMENT.
- B. A SEPARATE CONTRACT WILL BE ISSUED BY THE OWNER FOR INSTALLATION OF THE DRIVE-THRU ORDER SYSTEM. CONTRACTOR IS ONLY TO INSTALL BURIED SENSOR LOOP IN PAVEMENT.
- C. A SEPARATE CONTRACT WILL BE ISSUED BY THE OWNER FOR INSTALLATION OF EXTERIOR SIGNAGE INCLUDING:
- ARBY'S POLE SIGN WITH NECESSARY FOUNDATION.
  - DRIVE-THRU MENU BOARD AND DIRECTIONAL SIGNS WITH NECESSARY FOUNDATION.
  - ARBY'S BUILDING SIGN.
  - VEHICLE DETECTOR LOOP.
  - CASH REGISTERS WITH CASE DRAWERS.
  - PRINTER.
  - CABLE ASSEMBLIES.
  - VIDEO MONITORS.
  - PROCESSOR.

2.2 PRODUCT HANDLING:

- A. UPON DELIVERY OF THE EQUIPMENT, UNLOAD AND STORE UNTIL INSTALLATION. PROVIDE PROTECTION FROM EXPOSURE TO WEATHER AND CONTINUING CONSTRUCTION.

2.3 MISCELLANEOUS MATERIALS

- A. INSTALLATION ACCESSORIES, GENERAL: NSF CERTIFIED FOR END-USE APPLICATION INDICATED.
- B. ELASTOMERIC JOINT SEALANT: ASTM C 920; TYPE S (SINGLE COMPONENT), GRADE NS (NONNSA), CLASS 25, USE NT (NONTRAFFIC) RELATED TO EXPOSURE, AND USE M, G, A, OR AS APPLICABLE TO JOINT SUBSTRATES INDICATED.
- PUBLIC HEALTH AND SAFETY REQUIREMENTS:
    - SEALANT IS CERTIFIED FOR COMPLIANCE WITH NSF STANDARDS FOR END-USE APPLICATION INDICATED.
    - WASHED AND CURED SEALANT COMPLIES WITH THE FDA'S REGULATIONS FOR USE IN AREAS THAT COME IN CONTACT WITH FOOD.
  - CYLINDRICAL SEALANT BACKING: ASTM C 1330, TYPE C, CLOSED-CELL POLYETHYLENE, IN DIAMETER LARGER THAN JOINT WIDTH.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. INSTALL FOODSERVICE EQUIPMENT LEVEL AND PLUMB, ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
- CONNECT EQUIPMENT TO UTILITIES.
  - PROVIDE CUTOUTS IN EQUIPMENT, NEATLY FORMED, WHERE REQUIRED TO RUN SERVICE LINES THROUGH EQUIPMENT TO MAKE FINAL CONNECTIONS.
- B. COMPLETE EQUIPMENT ASSEMBLY WHERE FIELD ASSEMBLY IS REQUIRED.
- PROVIDE CLOSED BUTT AND CONTACT JOINTS THAT DO NOT REQUIRE A FILLER.
  - GRIND FIELD WELDS ON STAINLESS-STEEL EQUIPMENT SMOOTH, AND POLISH TO MATCH ADJACENT FINISH.
- C. INSTALL EQUIPMENT WITH ACCESS AND MAINTENANCE CLEARANCES THAT COMPLY WITH MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS AND REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
- D. INSTALL CABINETS AND SIMILAR EQUIPMENT IN A BED OF SEALANT.
- E. INSTALL CLOSURE-TRIM STRIPS AND SIMILAR ITEMS REQUIRING FASTENERS IN A BED OF SEALANT.
- F. INSTALL JOINT SEALANT IN JOINTS BETWEEN EQUIPMENT AND ADJACENT SURFACES WITH CONTINUOUS JOINT BACKING, UNLESS OTHERWISE INDICATED. PROVIDE AIRTIGHT, WATER-TIGHT, VERMIN-PROOF, SANITARY JOINTS.

3.2 CLEANING AND PROTECTING

- A. AFTER COMPLETING INSTALLATION OF EQUIPMENT, REMOVE ANY DAMAGED FINISHES.
- B. CLEAN AND ADJUST EQUIPMENT TO REQUIREMENTS TO PRODUCE BEST-FOR-USE CONDITION.
- C. PROTECT EQUIPMENT FROM DAMAGE DURING REMAINDER OF THE CONSTRUCTION PERIOD.

SECTION 124813 - ENTRANCE FLOOR MATS AND FRAMES

PART 1 - GENERAL

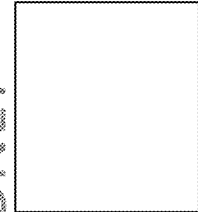
- 1.1 SUMMARY
- A. THIS SECTION INCLUDES THE FOLLOWING:
- ENTRANCE MATS IN RECESSED FRAMES.
- 1.2 SUBMITTALS
- A. PRODUCT DATA: FOR EACH TYPE OF FLOOR MAT AND FRAME.
- B. SHOP DRAWINGS: SHOW THE FOLLOWING:
- ITEMS PENETRATING FLOOR MATS AND FRAMES.
  - DIVISIONS BETWEEN MAT SECTIONS.
  - PERIMETER FLOOR MOLDINGS.
- C. SAMPLES: FOR EACH FLOOR MAT, TREAD RAIL, AND FRAME MEMBER.
- D. MAINTENANCE DATA.
- 1.3 QUALITY ASSURANCE
- A. ACCESSIBILITY REQUIREMENTS: PROVIDE INSTALLED FLOOR MATS THAT COMPLY WITH SECTION 4.5 IN THE U.S. ARCHITECTURAL & TRANSPORTATION BARRIERS COMPLIANCE BOARD'S "AMERICANS WITH DISABILITIES ACT (ADA), ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG)", SECTIONS 302 AND 303 IN ICC A117.1.

PART 2 - PRODUCTS

- 2.1 ENTRANCE MATS
- A. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY THE FOLLOWING:
- CONSTRUCTION SPECIALTIES
- B. CARPET-TYPE MATS: CARPET BONDED TO 1/8- TO 1/4-INCH-(3- TO 6-MM-) THICK, FLEXIBLE VINYL BACKING TO FORM MATS 3/8 OR 7/16 INCH (9.5 OR 11 MM) THICK WITH NONRAVELING EDGES.
- COLORS, TEXTURES, AND PATTERNS: AS INDICATED ON THE DRAWINGS.
- 2.2 FABRICATION
- A. FLOOR MATS: SHOP FABRICATE UNITS TO GREATEST EXTENT POSSIBLE IN SIZES INDICATED. UNLESS OTHERWISE INDICATED, PROVIDE SINGLE UNIT FOR EACH MAT INSTALLATION; DO NOT EXCEED MANUFACTURER'S RECOMMENDED MAXIMUM SIZES FOR UNITS THAT ARE REMOVED FOR MAINTENANCE AND CLEANING. WHERE JOINTS IN MATS ARE NECESSARY, SPACE SYMMETRICALLY AND AWAY FROM NORMAL TRAFFIC LANES. MITER CORNER JOINTS IN FRAMING ELEMENTS WITH HAIRLINE JOINTS OR PROVIDE PREFABRICATED CORNER UNITS WITHOUT JOINTS.
- B. RECESSED FRAMES: AS INDICATED, FOR PERMANENT RECESSED INSTALLATION, COMPLETE WITH CORNER PINS OR REINFORCEMENT AND ANCHORAGE DEVICES.
- FABRICATE EDGE-FRAME MEMBERS IN SINGLE LENGTHS OR, WHERE FRAME DIMENSIONS EXCEED MAXIMUM AVAILABLE LENGTHS; PROVIDE MINIMUM NUMBER OF PIECES POSSIBLE, WITH HAIRLINE JOINTS EQUALLY SPACED AND PIECES SPLICED TOGETHER BY STRAIGHT CONNECTING PINS.
  - COAT SURFACES OF ALUMINUM FRAMES THAT WILL CONTACT CEMENTITIOUS MATERIAL WITH MANUFACTURER'S STANDARD PROTECTIVE COATING.

PART 3 - EXECUTION

- 3.1 INSTALLATION
- A. INSTALL RECESSED MAT FRAMES TO COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. SET MAT TOPS AT HEIGHT RECOMMENDED BY MANUFACTURER FOR MOST EFFECTIVE CLEANING ACTION; COORDINATE TOP OF MAT SURFACES WITH BOTTOM OF DOORS THAT SWING ACROSS MATS TO PROVIDE CLEARANCE BETWEEN DOOR AND MAT.
- 3.2 PROTECTION
- A. AFTER COMPLETING FRAME INSTALLATION AND CONCRETE WORK, PROVIDE TEMPORARY FILLER OF PLYWOOD OR FIBERBOARD IN RECESSES AND COVER FRAMES WITH PLYWOOD PROTECTIVE FLOORING. MAINTAIN PROTECTION UNTIL CONSTRUCTION TRAFFIC HAS ENDED AND PROJECT IS NEAR SUBSTANTIAL COMPLETION.



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