

PIPING ASSEMBLIES, WHICH PREVENT DIRECT CONTACT WITH AND BURNS FROM PIPING, AND ALLOW SERVICE ACCESS WITHOUT REMOVING COVERINGS.  
MATERIAL AND FINISH: ANTIMICROBIAL, MOLDED PLASTIC, WHITE.

3.3. GALVANIZED SURFACES: CLEAN FIELD WELDS, CONNECTIONS, AND ABRADED AREAS AND REPAIR GALVANIZING TO COMPLY WITH ASTM A 780.1.P  
WITH A HEAVY COAT OF BITUMINOUS PAINT.

-- END OF SECTION 107313 --

2.2.12.3 EXECUTION

- 3.1 INSTALLATION
3.1.1 INSTALL ACCESSORIES USING FASTENERS APPROPRIATE TO SUBSTRATE INDICATED AND RECOMMENDED BY UNIT MANUFACTURER. INSTALL UNITS LEVEL, PLUMB, AND FIRMLY ANCHORED IN LOCATIONS AND AT HEIGHTS INDICATED.
3.1.2 INSTALL GRAB BARS TO WITHSTAND A DOWNWARD LOAD OF AT LEAST 250 LBF (111.2 N), WHEN TESTED ACCORDING TO METHOD IN ASTM F 446. ADJUST ACCESSORIES FOR UNENCUMBERED, SMOOTH OPERATION AND VERIFY THAT MECHANISMS FUNCTION PROPERLY. REPLACE DAMAGED OR DEFECTIVE ITEMS. REMOVE TEMPORARY LABELS AND PROTECTIVE COATINGS.

-- END OF SECTION 102800 --

SECTION 104413 - FIRE PROTECTION CABINETS

- 1. GENERAL
1.1 SECTION REQUIREMENTS
1.1.1 SUBMITTALS: PRODUCT DATA.
1.1.2 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.
2. PRODUCTS
2.1 FIRE PROTECTION CABINETS
2.2 FIRE-PROTECTION CABINETS <INSERT TYPE DESIGNATION USED ON DRAWINGS IF MORE THAN ONE TYPE IS USED>: ENAMELED-STEEL, RECESSED CABINETS FOR FIRE EXTINGUISHER.
2.3 PRODUCTS
2.3.1 <INSERT MANUFACTURER'S NAME; PRODUCT NAME OR DESIGNATION.>
2.3.2 FIRE-RESISTANCE RATING: REFERENCE LIFE SAFETY PLANS FOR CABINET LOCATIONS AND FIRE WALL RATINGS.
2.3.3 TRIM STYLE: ROLLED TRIM.
2.3.4 DOOR AND TRIM MATERIAL: STAINLESS STEEL.
2.3.5 DOOR GLAZING: TEMPERED FLOAT GLASS.
2.3.6 DOOR STYLE: FULLY GLAZED WITH FRAME.
2.3.7 ACCESSORIES, MOUNTING BRACKETS, IDENTIFICATION LETTERING.
3. EXECUTION
3.1 INSTALLATION
3.1.1 INSTALL CABINETS AT HEIGHTS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
3.1.2 FIRE-RATED HOSE OR VALVE CABINETS: SEAL THROUGH PENETRATIONS WITH FIRESTOPPING SEALANT.
3.1.3 IDENTIFICATION: APPLY VINYL LETTERING AT LOCATIONS INDICATED.

-- END OF SECTION 104413 --

SECTION 104416 - FIRE EXTINGUISHERS

- 1. GENERAL
1.1 SECTION REQUIREMENTS
1.1.1 SUBMITTALS: PRODUCT DATA.
1.1.2 FIRE EXTINGUISHERS: NFPA 10, LISTED AND LABELED FOR THE TYPE, RATING, AND CLASSIFICATION OF EXTINGUISHER.
2. PRODUCTS
2.1 FIRE EXTINGUISHERS
2.1.1 PORTABLE FIRE EXTINGUISHERS <INSERT TYPE DESIGNATION USED ON DRAWINGS IF MORE THAN ONE TYPE IS USED>:
2.1.2 PRODUCTS:
2.1.2.1 <INSERT MANUFACTURER'S NAME; PRODUCT NAME OR DESIGNATION.>
2.2 STORED-PRESSURE WATER TYPE: UL-RATED 2-A, 2.5-GAL. (9.5-L) NOMINAL CAPACITY.
2.3 STORED-PRESSURE ANTIFREEZE TYPE: UL-RATED 2-A, 2.5-GAL. (9.5-L) NOMINAL CAPACITY.
2.4 MULTIPURPOSE DRY-CHEMICAL TYPE: UL-RATED [1-A:10-B:C, 2.5-LB (1.1-KG)] [2-A:10-B:C, 5-LB (2.3-KG)] [3-A:40-B:C, 5-LB (2.3-KG)] [3-A:40-B:C, 6-LB (2.7-KG)] [4-A:60-B:C, 10-LB (4.5-KG)] NOMINAL CAPACITY.
3. EXECUTION
3.1 INSTALLATION
3.1.1 INSTALL MOUNTING BRACKETS IN LOCATIONS INDICATED AT HEIGHTS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
3.1.2 INSTALL FIRE EXTINGUISHERS IN CABINETS WHERE INDICATED.

-- END OF SECTION 104416 --

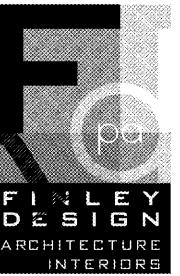
SECTION 107313 - AWNINGS

- 1. GENERAL
1.61. SECTION REQUIREMENTS
1.61.1. SUBMITTALS: PRODUCT DATA, SHOP DRAWINGS, AND SAMPLES.
1.62. VERIFY DIMENSIONS BY FIELD MEASUREMENTS BEFORE FABRICATION AND INDICATE ON SHOP DRAWINGS.
2. PRODUCTS
2.1. AWNINGS
2.1.1. PERFORMANCE REQUIREMENTS: PROVIDE AWNINGS CAPABLE OF WITHSTANDING DESIGN LOADS INDICATED.
2.2. AWNING FABRICS
2.2.1. FLAME-RESISTANCE RATINGS: PASSES NFPA 701.
2.2.2. FABRIC FIBER CONTENT: MATCH CHARACTERISTICS OF AWNINGS MANUFACTURER SPECIFIED.
2.3. AWNING FRAMES
2.3.1. ALUMINUM FRAMES: ALLOY AND TEMPER RECOMMENDED BY ALUMINUM PRODUCER AND FINISHER FOR TYPE OF USE AND FINISH INDICATED. ALUMINUM PLATE AND SHEET, ASTM B 209 (ASTM B 209M).
2.3.2. ALUMINUM EXTRUSIONS: ASTM B 221 (ASTM B 221M).
2.3.3. ALUMINUM EXTRUSIONS: ASTM B 221 (ASTM B 221M).
2.3.4. EXTRUDED STRUCTURAL PIPE AND ROUND TUBING: ASTM B 429/B 429M.
2.3.5. DRAWN SEAMLESS TUBING: ASTM B 210 (ASTM B 210M).
2.3.6. ALUMINUM FINISH: POWDER COAT.
2.4. ANCHORS, FASTENERS, FITTINGS, HARDWARE, AND INSTALLATION ACCESSORIES:
2.4.1. CORROSION-RESISTANT, WEATHER-RESISTANT, NONSTAINING MATERIALS, WHERE EXPOSED TO VIEW, PROVIDE FINISH AND COLOR AS SELECTED.
2.4.2. EXPANSION ANCHORS: STAINLESS STEEL ANCHORS ABLE TO SUSTAIN SIX TIMES THE LOAD IMPOSED WHEN INSTALLED IN UNIT MASONRY AND FOUR TIMES THE LOAD IMPOSED WHEN INSTALLED IN CONCRETE.
2.5. GALVANIZING REPAIR PAINT; HIGH-ZINC-DUST-CONTENT PAINT FOR REGALVANIZING WELDS IN STEEL, COMPLYING WITH SSPC-PAINT 20.
2.5.1. BITUMINOUS PAINT: COLD-APPLIED ASPHALT EMULSION COMPLYING WITH ASTM D 1187.
2.6. AWNING FABRICATION
2.6.1. FABRICS: REINFORCE WEAR POINTS AND HARDWARE ATTACHMENT POINTS WITH WEBSING.
2.6.2. FABRIC EDGES AND SEAMS: FOLDED AND STITCHED.
2.6.3. FRAMES: PREASSEMBLE AWNING FRAMES IN THE SHOP TO GREATEN TENSILE STRENGTH.
2.6.4. FORM BENT-METAL CORNERS TO SMALLEST RADIUS POSSIBLE WITHOUT CAUSING GRAIN SEPARATION OR OTHERWISE WEARING WORK.
2.6.5. FORM EXPOSED WORK TRUE TO LINE AND LEVEL WITH ACCURATE ANGLES AND STRAIGHT EDGES.
2.6.6. FORM EXPOSED CONNECTIONS WITH HIDDEN JOINTS. FLUSH AND SMOOTH USING CONCEALED FASTENERS WHERE POSSIBLE. PROVIDE WEEP SLOPES WHERE WATER MAY ACCUMULATE.
2.6.7. WELD CORNERS AND CONNECTIONS CONTINUOUSLY. REINFORCE CORNERS AND CONNECTIONS. FINISH EXPOSED WELDS AND SURFACES SMOOTH AND BLENDED.
2.6.8. SELECT METAL OR PLASTIC COMPONENTS EXPOSED TO VIEW: AS SELECTED.
3. EXECUTION
3.1. INSTALLATION
3.1.1. GENERAL: INSTALL AWNINGS SECURELY CONNECTED TO SUPPORTS, FREE OF RACK, AND IN PROPER ADJACENT CONSTRUCTION.
3.1.2. INSTALL AWNINGS AFTER OTHER FINISHING OPERATIONS, INCLUDING JOINT SEALING AND PAINTING, HAVE BEEN COMPLETED.
3.1.3. ATTACH FABRIC TO FRAMES AS RECOMMENDED BY FABRICATOR TO ENSURE TIGHT, WRINKLE-FREE JOINTS OF FABRIC TO FRAME.
3.1.4. FIT FRAMES AND CONNECTIONS ACCURATELY TOGETHER TO FORM HAIRLINE JOINTS.
3.1.5. WELD FRAME CONNECTIONS THAT ARE NOT TO BE LEFT AS EXPOSED JOINTS BUT CANNOT BE SHOP WELDED BECAUSE OF SHIPPING SIZE LIMITATIONS.
3.2. CORROSION PROTECTION: COAT CONCEALED SURFACES OF ALUMINUM THAT WILL COME INTO CONTACT WITH GROUT, CONCRETE, MASONRY, WOOD, OR DISSIMILAR METALS

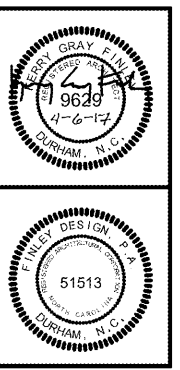
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REVISIONS

Table with 2 columns: Description, Date. Multiple empty rows for revisions.

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NOTES AND SPECIFICATIONS

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