

**08 71 00 - DOOR HARDWARE**

- 1.1 SUMMARY
A. This Section includes the following:
1. Door hardware.
2.1 HARDWARE FINISH
A. Material and Finish:
1. ANSI 618 (US14) Bright Nickel Plated, Clear Coated (over brass or bronze) or where appropriate:
2. ANSI 653 Bright Stainless Steel (400 Series)

**08 80 00 - GLAZING**

- 1.1 SUMMARY
A. Section Includes:
1. Glass for other sections referencing this Section.
2.1 MANUFACTURERS
A. Acceptable Manufacturers - Glass:
1. ACG Flat Glass North America, Inc. (www.acfglass.com)
2. Guardian Industries Corp. (www.guardian.com)
3. Oldcastle BuildingEnvelope. (www.oldcastlebc.com)
4. Pilkington Architectural. (www.pilkington.com)
5. PPG Industries, Inc. (www.ppgglazing.com)
6. Viracon, Inc. (www.viracon.com)
2.2 MATERIALS - GLASS
A. Clear Glass: ASTM C1036, Type 1 transparent flat, Class 1 clear, Quality q3 glazing select.
B. Recycled Content: Minimum 20 percent recycled glass content, classified as post-industrial.

**09 21 16 - GYPSUM BOARD ASSEMBLIES**

- 1.1 SUMMARY
A. Extent of gypsum board assemblies is shown on Drawings.
B. This Section includes the following:
1. Interior gypsum board.
2.1 INTERIOR GYPSUM WALLBOARD
A. Panel Size: Provide in maximum lengths and widths available that will minimize joints in each area and correspond with support system indicated.
B. Gypsum Wallboard: ASTM C 36.
1. Type X:
a. Thickness: As indicated.
b. Long Edges: Tapered and beveled (rounded or beveled) for prefilling.
C. Moisture Resistant Gypsum Board: ASTM C 931/C 931 M.
D. Use non-paper faced drywall for Wall Types C4, B1 & B2.
2.2 TRIM ACCESSORIES
A. Interior Trim: ASTM C 1047.
1. Material: Galvanized.
2.3 JOINT TREATMENT MATERIALS
A. General: Comply with ASTM C 475.
B. Joint Tape: Interior Gypsum Wallboard: Paper.
C. Joint Compound for Interior Gypsum Wallboard: For each coat use formulation that is compatible with other compounds applied on previous or for successive coats.
1. Pre-filling: At open joints, rounded or beveled panel edges, and damaged surface areas, use setting-type taping compound.
2. Embedding and First Coat: For embedding tape and first coat on joints, fasteners, and trim flanges, use setting-type taping compound.
3. Fill Coat: For second coat, use setting-type, sandable topping compound.
4. Finish Coat: For third coat, use setting-type, sandable topping compound.

**09 30 13 - CERAMIC TILING**

- 1.1 SUMMARY
A. This Section includes the following:
1. Ceramic tile.
2. Porcelain tile.
3. Metal edge strips installed as part of tile installations.
B. Ceramic Tiling will be furnished by Owner and installed by Contractor.
2.1 TILE PRODUCTS
A. ANSI Ceramic Tile Standard: Provide Standard grade tile that complies with ANSI A137.1, "Specifications for Ceramic Tile," for types, compositions, and other characteristics indicated.
B. ANSI Standard for Tile Installation Materials: Comply with the ANSI standard F-115-07 for products and materials indicated for setting and grouting.
C. Ceramic Mosaic Tile: As indicated on Drawings.
2.2 SETTING MATERIALS
A. Dry-Set Portland Cement Mortar (Thin Set): ANSI A118.1.
1. Prepackaged dry-mortar mix containing dry additive to which only water must be added.
2.3 GROUTING MATERIALS
A. Epoxy-Modified Grout Mixture: ANSI A118.1 and consisting of:
1. Hydroment 1900 Epoxy-Modified Grout Admixture mixed with Hydroment Ceramic Tile Grout/Joint filler.
2. Color: As indicated on Drawings.
2.4 MISCELLANEOUS MATERIALS
A. Metal Edge Strips: Angle or L-shape, white zinc alloy or stainless steel exposed-edge material.
3.1 INSTALLATION, GENERAL
A. TCA Installation Guidelines: TCA's "Handbook for Ceramic Tile Installation." Comply with TCA installation methods indicated in tile installation schedules.
B. Install tile on floors with the following joint widths:
1. Porcelain Tile: 1/8-inch.
2. Ceramic Tile: 3/16-inch.
3.2 FLOOR TILE INSTALLATION SCHEDULE
A. Interior floor installation on crack-suppression membrane for concrete slab-on-grade: TCA F115-07.
1. Thin-Set Mortar: Dry-Set mortar.
2. Grout: Epoxy grout.

**09 62 29 - CORK FLOORING**

- 1.1 SUMMARY
A. This Section includes the following:
1. Cork flooring
2. Field finishing of new cork floors
B. Cork Flooring will be furnished by Owner and installed by Contractor.
2.1 MANUFACTURERS
A. Basis of Design Products: As indicated on drawing.
2.2 RESILIENT TILE
A. Cork Floor Tile: Products complying with Federal Specification LLL-T-431 b, Type 1 and 2, density greater than 31 lbs. per cu. Ft. and complying with ASTM-E-662-97, ASTM-C1028-89:
1. Wearing Surface: Smooth
2. Thickness: 3/16 inch (5 mm)
3. Edges: Beveled
4. Size: 12 inch x 24 inch (45cm x 60 cm)
2.3 INSTALLATION MATERIALS
A. Trowel-able Leveling and Patching Compounds: Latex-modified, Portland Cement based or blended hydraulic cement based formulation provided or approved by resilient product manufacturer for applications indicated.
B. Adhesives: Water-resistant type recommended by manufacturer to suit resilient products and substrate conditions indicated.
3.1 FIELD SEALING CORK FLOORING
A. Apply two coats of lacquer finish at a rate of 0.9 quartz per 100 square feet, per manufacturer's written instruction. Allow 6 to 8 hours between coats.
B. After lacquer has dried a minimum of 5 to 8 hours, provide one coat of polymer finish per manufacturer's written directions.

**09 64 00 - WOOD FLOORING**

- 1.1 SUMMARY
A. This Section includes factory-finished wood flooring.
B. Wood flooring will be furnished by Owner and installed by Contractor.
2.1 FACTORY-FINISHED WOOD FLOORING
A. Engineered-Wood, Plank Flooring: HPVA EF, except bonding agent contains no urea formaldehyde.
1. Products: Provide products listed in the Finish Schedule

**09 68 16 - SHEET CARPETING**

- 1.1 SUMMARY
A. This Section includes broadloom, woven loop, and cut/loop carpet.
2.1 SHEET CARPETING
A. Products:
1. As indicated on Drawings.
B. No substitutes will be accepted for sheet carpeting specified.
2.2 INSTALLATION ACCESSORIES
A. Carpet Edge Guard, Non-metallic: Extruded or molded heavy-duty vinyl or rubber carpet edge guard of size and profile indicated; minimum 2-inches wide anchorage flange; colors selected by Architect from manufacturer's standard colors.
B. Trowelable Leveling and Patching Compounds: Latex-modified, hydraulic-cement-based formulation provided or recommended by carpet manufacturer.
C. Adhesives: Water-resistant, mildew-resistant, non-staining type to suit products and sub-floor conditions indicated, that complies with flammability requirements for installed carpet and is recommended or provided by carpet manufacturer.
D. Seam Adhesive: Hot-melt adhesive tape or similar product recommended by carpet manufacturer for sealing and taping seams and butting cut edges at backing to form secure seams and to prevent pile loss at seams.
E. Miscellaneous Materials: As recommended by manufacturers of carpet; selected by Installer to meet Project circumstances and requirements.

**09 75 00 - STONE FACING**

- 1.1 SUMMARY
A. Simulated stone masonry units including trim
B. Building paper
C. Metal lath and related accessories
D. Scratch coat plaster
E. Mortar
2.1 ACCEPTABLE MANUFACTURERS
A. TriLite Stone Company
305 - 13th Avenue, PO Box 308
Howard Lake, MN 55349
(320) 543-2254 or toll free (888)786-6626
(320) 543-2294 FAX
Website: www.trilitestone.com
2.2 MATERIALS
A. Simulated Masonry Units: Lightweight, freeze-thaw resistant, precast stone "TriLite Stone Co.",
1. Size: Approximately 1-3/4 inches (4.4cm) thick, random shaped.
2. Style and Model
Minnesota Limestone (TLS-4100):
Buff (TLS-4100-02)
B. Building Paper: Type I (No. 15) asphalt-saturated, non-perforated felt, ASTM D226.
C. Metal Lath: ASTM C847
1. Diamond Mesh: Self-furring expanded galvanized metal lath formed from copper bearing steel weighing between 2.5 lbs. per sq. yd. and 3.4 lbs. per sq. yd. (1.54 kg per sq. m.) with indentations if necessary to hold lath 1/4 inch (6mm) away from substrate and steel surfaces.
D. Casing and Stop Beads: Not less than 24 gage zinc formed with expanded wing unless otherwise shown.
E. Plaster Materials
Portland Cement: ASTM C150, Type I
2. Masonry Cement: ASTM C91, Type II of same manufacturer as Portland cement if optional mix is selected.
3. Aggregates for Portland Cement Plaster: Natural sand unless otherwise specified herein, complying with ASTM C897.
F. Mortar Materials: Stone manufacturer's prepackaged Type N mortar, or site blended Type N mortar consisting of one part Portland cement, one part lime, and 6 parts sand; use stone manufacturer's prepackaged mortar color additive.
2.3 PLASTER AND MORTAR MIXES
A. Plaster
1. Scratch Coat: 1 part Portland cement, 1 part masonry cement, 4 parts sand, with 1 bag of fiber added per sack of cement.
2. Mixing Water: 3 parts water and 1 part liquid additive to reduce shrinking and cracking.
B. Mortar: Thoroughly mix mortar and grout fill ingredients in quantities needed for immediate use in accordance with ASTM C270.

**09 91 23 - INTERIOR PAINTING**

- 1.1 SUMMARY
A. This Section includes surface preparation, painting, and finishing of exposed interior items and surfaces.
1. Surface preparation, priming, and finish coats specified in this Section are in addition to shop priming and surface treatment specified under other Sections.
B. Paint exposed surfaces whether or not colors are designated in "Drawing Schedules," except where a surface or material is specifically indicated not to be painted or is to remain natural. Where an item or surface is not specifically mentioned, paint the same as similar adjacent materials or surfaces. If color or finish is not designated, the Architect will select from either Project finishes or standard colors or finishes available.
C. Painting is not required on pre-finished items, finished metal surfaces, concealed surfaces, operating parts, and labels.
1. Pre-finished items not to be painted include the following factory-finished components:
a. Architectural woodwork and casework.
b. Finished mechanical and electrical equipment.
c. Light fixtures.
2. Labels: Do not paint over Underwriter's Laboratories, Factory Mutual or other code-required labels or equipment name, identification, performance rating, or nomenclature plates.
D. Paint exposed appurtenances such as grilles, registers, elec. cabinet covers, etc., as indicated on the Drawings and directed by Architect.
10 28 16 - RESIDENTIAL TOILET ACCESSORIES
1.1 SUMMARY
A. This Section includes the following:
1. Residential washroom accessories.
B. Owner-Furnished Material: See Products Section of this document.
2.1 RESIDENTIAL WASHROOM ACCESSORIES
A. Basis of Design Product: The design for accessories is based on the products indicated. Subject to compliance with requirements, provide the named product or a comparable product by one of the following:
1. American Specialties, Inc.
2. Bobrick Washroom Equipment, Inc.
3. Bradley Corporation.
B. Toilet Tissue (Roll) Dispenser - TPD:
1. Basis of Design Product: Royce Rolls Ringer 2, 3 or 4-roll.
2. Mounting: Surface mounted.
3. Description: Owner provided product, Contractor to coordinate and install.
C. Grab Bar - GB:
1. Basis of Design Product: Series B-6806 by Bobrick Washroom Equipment, Inc.
2. Mounting: Flanges with concealed fasteners.
3. Material: Stainless steel, 0.05-inch (1.3-mm) thick.
4. Finish: Smooth No. 4, satin finish.
5. Outside Diameter: 1-1/2-inches (38-mm).
6. Configuration and Length: As indicated on Drawings.
7. Description: Contractor supplied and installed.
D. Shower Curtain Rod - SCR:
1. Basis of Design Product: B-6107 by Bobrick Washroom Equipment, Inc.
2. Description: 1-inch (25.4-mm) OD, fabricated from nominal 0.0375-inch (0.95-mm) thick stainless steel.
3. Mounting Flanges: Stainless steel flanges designed for exposed fasteners.
4. Finish: No. 4 (Satin).
10 29 19 - GLASS SHOWER DOORS
1.1 SUMMARY
A. Shower doors and panels.
2.1 MANUFACTURERS
A. Manufacturer: American Shower Door Corp., which is located at: 6920 E. Slauson Ave. ; City of Commerce, CA 90040-3619; Toll Free Tel: 800-421-2333; Tel: 323-726-2478; Email: sales@americanshowerdoor.com; Web: www.americanshowerdoor.com
B. Substitutions: Not permitted.
C. Obtain products from a single manufacturer.
2.2 SHOWER DOORS AND PANELS
A. Framed Aluminum Doors and Panels:
1. Model: Classic-D 5100 by American Shower Door.
2. Rail Framing: 200 Rail.
3. Door Hinge: Pivot-regular.
4. Glass Dimensions: Size indicated on the Drawings
5. Glass Thickness: 3/4 inch (6.4 mm).
6. Glass Appearance: Obscure.
7. Glass Coating: Corrosion-resistant glass coating, ShowerGuard by Guardian.
8. Finish:
a. SN - Satin nickel anodized.
2.3 SPECIALTY ITEMS
A. Aluminum Extrusions:
1. Model: Aluminum extrusions by American Shower Door.
2. Finish:
a. SN - Satin nickel anodized.
B. Hardware:
1. Product Line: C-Pull Collection hardware by American Shower Door.
2. Material:
a. Aluminum.
3. Finish:
a. SN - Satin nickel anodized.
10 31 00 - MANUFACTURED FIREPLACES
1.1 SUMMARY
A. This Section includes Manufactured Gas Fireplaces.
B. Manufactured Fireplaces will be furnished by Owner and installed by Contractor.

- 2.1 MANUFACTURERS
A. Acceptable Products: Owner will provide full information on manufactured fireplaces to be incorporated in the work.
B. Substitutions: Not permitted.
10 71 13 - EXTERIOR SUN CONTROL DEVICES (Exterior Shutters)
1.1 SECTION INCLUDES
A. Bahama Louvered Shutters.
B. Shutter hardware.
2.1 BAHAMA LOUVERED SHUTTERS
A. Basis of Design: Subject to compliance with requirements, provide: Atlantic Premium Shutters as manufactured by The Tapco Group, which is located at: 29797 Beck Rd. ; Wixom, MI 48398-2834; Toll Free Tel: 866-288-2726; Tel: 877-437-0608; Email: wayne\_sanderson@tapcoinc.com; Web: www.atlanticpremiumshutters.com
2.2 SHUTTERS
A. Bahama Louvered Shutters: Bahama Shutters fabricated of pultruded fiberglass for vertical stiles, horizontal rails and horizontal louvers and backed with 1/8 inch (3 mm) thick polycarbonate sheet. Finished shutter is 1-1/4 inch (32 mm) thick. Shutters are finished with two part urethane paint, oven cured.
1. Style:
a. Additional vertical mullion.
2. Width:
a. Single Panel.
b. As indicated on drawings
c. 60 inch (1,524 mm) max.
3. Height:
a. As indicated on drawings
b. 103 inch (2,616 mm) max.
4. Colors:
a. Color as selected by architect from manufacturer's standard colors.
5. Hardware:
a. Male Hinge:
1) Plate size - 1-1/8 inch (28 mm) backplate.
b. Female Hinge Track, 2-3/8 inch (60 mm):
1) Plate size 1-1/4 inch (32 mm) with 1/4 inch (6 mm) lip.
2) Projection 2-3/8 inch (60 mm).
c. Female Hinge Track, 3-3/8 inch (86 mm):
1) Plate size 1-1/4 inch (32 mm) with 1/4 inch (6 mm) lip.
2) Projection 3-3/8 inch (86 mm).
d. Camelback Clips:
1) Plate size 13/16 inch (21 mm) by 2-7/16 inch (113 mm) lip.
2) Projection 1-3/8 inch (34 mm).
3) Clevis Pins: 1/4 inch (6.5 mm) by 1 inch (25 mm).
e. Tilt Arms:
1) Aluminum tilt arms with nylon end caps.
2) Nylon hinges/eye end sets.
3) Stainless steel clevis pins.
f. Locking bar and mounting brackets.
10 71 16 - IMPACT RESISTANT HURRICANE PROTECTION SCREENS
1.1 SUMMARY
a. Screen produced from a polypropylene, woven monofilament, geo-textile fabric.
2.1 MANUFACTURER
A. Acceptable Manufacturer: Hendee Enterprises, Inc., which is located at: 9350 South Point Drive; Houston, TX 77054; Toll Free Tel: 800-231-7275; Tel: 713-796-2322; Fax: 713-796-0494; Email: force12@hendee.com; Website: www.hendee.com.
11 31 00 - RESIDENTIAL APPLIANCES
1.1 Verify that Section titles referenced in this Section are correct for this Project's Specifications; Section titles may have changed.
SUMMARY
A. This Section includes the following:
1. Cooking equipment including cook tops, ovens, microwaves
2. Ventilation range hoods, island hoods
3. Refrigerator.
4. Freezers.
5. Ice makers.
6. Dishwashers.
7. Clothes washers and dryers.
8. Wine cooler
B. Residential Appliances will be furnished by Owner and installed by Contractor.
1.1 COOKING APPLIANCES
1.2
A. Cook-top CT.
B. Double Oven OV.
C. Microwave Oven MW.
D. Island Hood HD
E. Warming Drawer WD
2.2 REFRIGERATION APPLIANCES
A. Built-in Freezer REF-1
B. Built-in Refrigerator REF-2
C. Under Cabinet Refrigerator REF-3
D. Ice maker IM.
E. Wine Cooler WI
2.3 CLEANING APPLIANCES
A. Dishwasher DW-1, DW-2
B. Clothes Washer W
C. Clothes Dryer D

