

**SECTION 10 80 00
BATHROOM ACCESSORIES**

PART 1.00 - GENERAL

1.01 RELATED DOCUMENTS

- A. The Contractor is referred to the "Instructions to Bidders and General Conditions, NYCHA Contracts", latest edition; the "Special Notice to Contractors"; the "Form of Proposal"; the "Form of Bid Bond"; "Division 01 - General Requirements" of the Contract Specifications"; the "Contract Drawings" and all Amendments and Addenda thereto; all of which govern the Work of this Section.

1.02 SCOPE OF WORK

- A. The Work of this Section includes all labor, materials, equipment and services necessary to complete the new bathroom accessory installation and related work in renovated apartments as indicated on the Drawings and/or specified herein including, but not limited to, the following:
1. Fiberglass bathtub wall surround panels.
 2. Medicine cabinets.
 3. Shower curtain rods
 4. Towel bars.
 5. Toilet paper holders, tumbler and toothbrush holders, and soap dishes.
 6. Grab bars at bathtubs with new mounting plates.
 7. Provide all other labor and materials as may be reasonably inferred to be required to make the Work of this Section complete.

1.03 RELATED WORK SPECIFIED ELSEWHERE

- A. The following Sections/Divisions contain requirements that relate to the Work of this Section:
1. Section 02 05 00 - Selective Demolition / Removals
 2. Section 06 10 00 – Carpentry
 3. Section 09 21 00 – Lath / Plaster
 4. Section 09 25 00 – Gypsum Wallboard System
 5. Division 15 - Plumbing

1.04 QUALITY ASSURANCE

- A. All stainless steel accessories shall be of the same manufacturer unless otherwise approved by the Authority.
- B. Stamped names or labels on exposed faces of units will not be permitted.
- C. Materials and Installation shall comply with all applicable Federal, State and Local handicapped accessibility regulations.

PART 2.00 - PRODUCTS

2.01 FIBERGLASS BATHTUB WALL SURROUND PANELS

- A. Panels shall be of matched metal die hydraulic press molded fiberglass laminate consisting of 20% glass content with a minimum uniform thickness of seventy (70) mils. Panel surfaces shall be smooth and wear-resistant with a specular gloss factor reading of minimum 80% as measured in accordance with ASTM Standard Method D-523. Panels shall have color molded throughout with edges molded to prevent moisture penetration and be specified as a Type I finish, or panels shall be provided with a fused and baked-on acrylic aliphatic urethane finish with a minimum two (2) mils thickness on all exposed surfaces. Panels shall meet all applicable tests of ANSI Specification Z-124.1 and Z-124.2. Two-faced pressure-sensitive polyolefin tape shall be applied to back of panels at all outside exposed edges other than immediately above tub edge. Panels shall have an overlapping feature for adjustability to properly fit tubs. Back (center) panel shall overlap corners of both end (side) panels. Fiberglass bathtub wall surround panels shall be manufactured by:
1. "Tubwall" #HA-58 by Swan

- B. "Durawall" #350 by Mustee
- C. Or approved equal.
- D. Wall surrounds shall consist of three (3) panel system to enclose tub area.
- E. Back panels shall contain molded-in soap/shampoo dish located to allow clearance for grab bar installation in accordance with ADA accessibility guidelines.
- F. Provide an appropriate three (3) piece fiberglass trim kit by the panel manufacturer for each window opening in the back panel. Material and color of sill and jamb moldings shall be the same as the panels. Moldings shall ensure that the window recess is waterproof and provide a natural draining sill. Jamb moldings shall align with the top of the adjacent wall panels. Sill and jamb moldings shall be of one piece for the depth of the window recess and shall allow easy access to window pulls, handles, etc.
- G. Color of panels shall be white or other standard color as selected by the Authority.
- H. Panels and window moldings shall be MEA approved.

2.02 MEDICINE CABINETS

- A. Cabinets shall meet Fed. Spec. WW-P-541 except as modified herein. Medicine cabinets shall be:
 - 1. #105RSWT by Ketcham (Fred Silver & Co.)
 - 2. #NYC1622 by Triangle (Leigh)
 - 3. Or approved equal.
- B. Cabinets shall be surface-mounted type having a nominal size of 16-1/4" W x 22-3/8" H x 4" D and a mirror size of 16" x 22" x 3/16".
- C. Cabinet and door shall be fabricated from 20 ga. cold-rolled sheet steel and be of welded or one-piece construction. All welds shall be ground smooth before finishing. Cabinets shall have slots, notches or standards to provide for a minimum of six (6) shelf positions, 1-1/2" o.c. max. Door shall be 1/2" thick with an approved type filler (styrofoam or equivalent) between the mirror and the metal back, and shall be hung on continuous piano type or other approved type hinges. Hinges shall be located away from the side of the water closet. The door shall swing to a 90-degree opening and be equipped with a nickel-plated or stainless steel bar type door stop and approved post, and a magnetic closing device.
- D. Mirror shall be electro-copper back, silvering quality float glass free from distortions.
- E. Frame shall be fabricated from 3/8" x 5/8", 24 ga. channel section of one piece construction with flat formed radius corners, with ends joined at bottom of mirror, and held in place with a stainless steel cover and two stainless steel screws. Frame shall have a bright annealed finish and shall have no sharp edges. Frames, retaining clips, screws and other fasteners shall be non-magnetic stainless steel, 300 series.
- F. Each cabinet shall have three (3) adjustable polycarbonate or clear acrylic shelves, 3/16 inch. thick, 3-1/2 inch. min wide with all sharp edges ground smooth. Provide six (6) aluminum or non-rusting stainless steel shelf holders of adequate strength to support shelf and self contents without bending or other distortion, or movement of shelf.
- G. Finish of all metal parts, except those of stainless steel or similar rust-resistant finish, shall be white baked-on enamel with a min. thickness of 1-1/2 mils. Enamel shall be pigmented with pure titanium oxide and shall contain not less than 10% by weight of urea formaldehyde based on total vehicle solids.
- H. Each cabinet shall be provided with four (4) holes in the back of the box and 1 inch. long zinc or cadmium plated wood screws and washers for mounting purposes.

2.03 SHOWER CURTAIN RODS

- A. Rods shall be 1 inch. diameter, length as required, fabricated of min. 20 ga. #304 or #18-8 polished stainless steel, satin finish with concealed polished stainless steel flanges and

escutcheons. Flanges and mounting hardware shall be similar to existing. Shower rods shall be:

1. #B-6107 by Bobrick
2. #55-5 or 55-6 by Moen
3. #500M by Seachrome
4. # 161CS by Franklyn Brass
5. Or approved equal

2.04 TOWEL BARS

- A. Bars shall be of length as indicated on the Drawings, fabricated of #304 or #18-8 stainless steel with satin finish. Towel bars shall be:
1. #B-674 by Bobrick
 2. #P1700 posts with #023418SS, #023424SS or #023436SS bar by Moen
 3. #15620-18RD by Seachrome
 4. #5518RSF or 5524RSF by Franklin Brass
 5. Or approved equal

2.05 TOILET PAPER HOLDERS

- A. Holders shall be surface-mount type, fabricated of #304 or #18-8 stainless steel with satin finish. Toilet paper holders shall be:
1. #B-76857 by Bobrick
 2. #P1780 by Moen
 3. #15631 by Seachrome
 4. #5508PSF by Franklin Brass
 5. Or approved equal

2.06 TUMBLER AND TOOTHBRUSH HOLDERS

- A. Holders shall be surface-mount type, fabricated of #304 or #18-8 stainless steel with satin finish. Tumbler and toothbrush holders shall be:
1. #B-679 by Bobrick
 2. #1740 by Moen
 3. #15610 by Seachrome
 4. #5505 by Franklin Brass
 5. Or approved equal

2.07 SOAP DISHES

- A. Dishes shall be surface-mount type, fabricated of #304 or #18-8 stainless steel with satin finish. Soap dishes shall be:
1. #B-680 by Bobrick
- B. #P1760 by Moen
1. #15600 by Seachrome
 2. #5506H by Franklin Brass
 3. Or approved equal

2.08 GRAB BARS

- A. Grab bar shall be 1-1/4 inch O.D., type 304, 18-8 alloy stainless steel tubing, 18 gauge minimum with satin finish. Length of grab bar shall be as required by UFAS, Local Law 58/89 and as indicated on drawing. Grab bar shall be series 5700 Mfg. By Franklin Brass or approved equal.
- B. New/replacement mounting plates for grab bar installation at bathtubs shall be galvanized steel, min. 3/16" thick, 4" wide, and of length as required to accommodate grab bars and extend between studs.

PART 3.00 - EXECUTION

3.01 JOB CONDITIONS

- A. Contractor shall examine the locations and conditions at which bathroom accessories are to be installed. Notify the Authority in writing of conditions detrimental to the proper and timely completion of the work. Do not proceed with the work until unsatisfactory conditions have been corrected in an acceptable manner.

3.02 INSTALLATION

- A. After removal of existing bathtub supply fixtures, spouts/diverters, escutcheons, etc. and grab bars, tub surrounds, restoration of existing plaster walls (tile backer board at new chase walls) and installation of new grab bar mounting plates, install new wall surround panels to enclose tub area. Attach panel system to existing/new wall surfaces with quantity and type of adhesive material as recommended by the panel manufacturer. All perimeter edges between panels shall be sealed as recommended by the panel manufacture. All edges between panels and tub or wall surfaces shall be sealed with silicone sealant as specified. Reinstall any existing surface-mounted soap dishes, bottle holders, etc. previously removed to permit replacement of wall panels. Provide openings in end panels at chase walls as per manufacturer's recommendations for bathtub supply fixtures, spouts/diverters, escutcheons, etc. to be installed. Provide sealant at all panel penetrations as per manufacturer's recommendations. Wherever the new fiberglass panel interferes with the bathroom vent, carefully cut the new panel to clear the vent grille.
- B. Back panels shall be cut as required to accommodate installation of trim kits for existing window recesses. Fiberglass moldings shall be installed in such a manner as not to permit water to be trapped in the window recess between the edge of the trim and the existing window frame. Provide sealant at all edges and junctures of trim as per panel manufacturer's recommendations. Reinstall and modify as required any existing window guards previously removed to permit installation of the window trim.
- C. After removal of existing medicine cabinets and restoration/replacement of existing chase walls, install new cabinets in accordance with manufacturer's recommendations. At existing plaster walls, cabinets shall be secured to existing recessed grounds where appropriate. Where grounds are found to be defective, install new grounds equal to existing and properly secured to existing lath/framing at no additional cost to the Authority. At new tile backer board chase walls, cabinets shall be secured to new wood blocking properly secured to new metal studs. Fasteners shall consist of wood screws and washers as specified.
- D. After removal of existing shower curtain rods and restoration/replacement of adjacent walls, install new rods with flanges and escutcheons in accordance with manufacturer's recommendations. At existing plaster partitions/chase walls, rods shall be secured to existing recessed grounds where appropriate. Where grounds are found to be defective, install new grounds equal to existing and properly secured to existing lath/framing at no additional cost to the Authority. At new tile backer board chase walls, rods shall be secured to new wood blocking properly secured to new metal studs. Fasteners shall consist of wood screws as per manufacturer's recommendations
- E. After removal of existing towel bars and replacement of missing or deteriorated wood mounting rails (dado strips) at existing plaster partitions opposite chase walls, install new towel bars in accordance with manufacturer's recommendations. Towel bars shall be properly secured to existing/new wood rails with wood screws as appropriate.
- F. After removal of existing toilet paper holders and replacement of missing or deteriorated wood mounting rails at existing plaster partitions adjacent to water closets, install new surface-mounted holders in accordance with manufacturer's recommendations. Toilet paper holders shall be properly secured to existing/new wood rails with wood screws as appropriate.
- G. After removal of existing tumbler and toothbrush holders, and soap dishes, and replacement of missing or deteriorated wood mounting rails at existing plaster chase walls (new tile backer board and wood rails at new chase walls as indicated), install new surface-mounted holders and dishes adjacent to lavatories as indicated on the Drawings in accordance with

manufacturer's recommendations. Tumbler and toothbrush holders, and soap dishes shall be properly secured to existing/new wood rails with wood screws as appropriate.

- H. After installation of new chase walls, mounting plates, tub surrounds, etc., properly secure grab bars to new mounting plates with new rust resistant fasteners.
- I. New mounting plates at bathtubs for grab bar installation shall be installed at all new chase walls and as required at existing plaster walls. Grab bar/mounting plate installations shall comply with all applicable ANSI, NYC Administrative Building Code - Local Law 58/59 and UFAS requirements. Grab bars shall be installed utilizing new mounting hardware and new rust resistant fasteners.
 - 1. New Chase Walls: After removal of existing grab bars/mounting plates, tub surrounds, plaster walls, etc. as specified in Paragraph A, install new grab bar mounting plates properly secured to new metal framing. Metal studs shall be modified and reinforced as required to receive mounting plates as approved by the Authority to support grab bar reinstallation.
- J. Existing Plaster Walls: After removal of existing grab bars and tub surrounds, the Contractor and a representative of the Authority shall carefully verify the condition of the plaster/metal lath partitions/chase walls/furring to ensure that the existing channel stud framing can properly support the grab bar installation. Where existing installations are found to be inadequate to support the grab bars, metal studs shall be modified and reinforced as required to receive mounting plates. New mounting plates shall be secured to channel studs with ¼" dia. galvanized U-bolts.
- K. Masonry walls: Secure support plate to wall with four (4) new stainless steel sleeve anchors (HX 5/16 x 2-1/2) as manufactured by Hilti or approved equal.
- L. On interior walls with no studs, install support plates as follows:
 - 1. Support plate shall be min. 1/8 inch stainless steel, 4" wide and length as required and/or indicated on drawings. Plate shall be recessed in the wall on the side exterior to the bathroom. Each plate shall have six (6) female studs welded halfway thru the plate to accept machine screws from the bathroom side that secures grab bar. As an alternate, Contractor may use carriage bolts instead of studs/machine screw combination.
 - a. Apply an epoxy bonding agent directly to the plates; plaster weld and finish with a coat of plaster over plate to match existing wall.
 - b. Prime and finish paint the full height and width of related wall to match existing.
 - 2. The walls upon which the plates are to be mounted are to be verified by the Contractor and a representative of the Authority to assure they are sound. Any existing wall that appears wet, weak (shaky) or deteriorated shall be demolished and replaced with a new metal lath and stud plaster wall.
- M. Exposed fasteners and other mounting devices shall be finished to match the accessories.
 - 1. Accessories shall be securely installed, plumb and level.
 - 2. Installation to be performed by and coordinated with the trade claiming jurisdiction over the Work and at no additional cost to the Authority.

3.03 CLEANING AND PROTECTION

- A. Remove all temporary labels, markings and protective coatings.
- B. Clean and polish exposed surfaces of all installed accessories.
- C. Protect installed accessories and replace damaged items at no additional cost to the Authority.

END OF SECTION 10 80 00