

STANDARD SPECIFICATION
JANUARY 2010

DIVISION 1

SECTION 1F SUPPLEMENT OF HANDICAPPED REQUIREMENTS FOR PUBLIC AREAS

(GENERAL CONSTRUCTION, PLUMBING, AND ELECTRICAL)

1F.01 GENERAL: Comply with all of the Contract Documents.

1F.02 SCOPE OF WORK: Refer to "Division Scope of Work"

1F.03 GENERAL REQUIREMENTS

- A. The requirements as described in this Section are based on Standards of;
1. American National Standards Institute A117.1-2003 (ANSI) titled "Providing Accessibility and Usability for Physically Handicapped People".
 2. Local Law 58/87, City of New York – Access for People with Disabilities
 3. References shall be used by Contractors to incorporate the Requirements as specified.

1F.03 SPECIFIC REQUIREMENTS

- A. Refer to Architect drawings, and designation for Handicapped Public Areas.
- B. All Public Areas; (Public Halls and Stairs, Community Rooms, Toilets, Laundry Rooms, Passages, Refuse Chute Rooms, Offices, Stores, and Tenant Storage) should be designed for the handicapped.
- C. The purpose of this supplement is to outline the special design considerations to be provided by all Prime Contractors (General Contractor, Heating and Ventilating, Plumbing and Electrical).
- D. All Prime Contractors shall consult this supplement to determine any special requirement of work to be considered and provided for Handicapped Public Areas.
- E. Refer to the following Sections of Specification. Provide the requirements as specified and as shown on Architect Drawings.
1. SECTION 2A DEMOLITION
 - a. Provide new opening in masonry wall for passageway, to allow for a finished clearance of 32” minimum.
 - b. Provide new opening to allow door installation with clearance of 32”

STANDARD SPECIFICATION
JANUARY 2010

minimum between door stop on the frame and 90° open door.

2. SECTION 6A ROUGH CARPENTRY

- a. Public Toilet Rooms: Provide sufficient reinforcements to wall framing of areas that are to be fitted with grab bars. See Architect drawings for location of areas to be reinforced.
- b. Reinforcing material to be a continuous metal plate attached directly to metal/wood studs or new 2" x 3" furring on masonry walls. Reinforcing kit shall be of the same manufacturer and length as the grab bar.

3. SECTION 8A AND 8B METAL AND WOOD DOORS

- a. Wood and hollow metal doors for all masonry openings shall be provided as shown on drawings. Construction and materials as specified.
- b. Contractor shall verify required clear dimension of 32" minimum in width, except for existing masonry openings which may be less.

4. SECTION 8D FINISH HARDWARE

- a. Entrance doors to and between Public Areas or any doors within these areas shall be provided with lever handles to operate locksets or latches.

5. SECTION 9C CERAMIC TILE

- a. Detectable warning surface or detectable, non-slip treads shall be provided at the top of all stair runs and at the building entry steps, where indicated on drawings.

6. SECTION 10C TOILET ROOM ACCESSORIES

- a. Mirrors shall be installed above lavatory, with the bottom of 39 ¼" above finished floor.
- b. Toilet tissue dispenser unit shall be installed a 28" to the top of unit above finished floor.
- c. Feminine napkin disposal unit shall be installed a 25" – 30" to the top of unit above finished floor.
- d. Paper towel dispenser shall be installed a 54" to the top of unit above finished floor.

STANDARD SPECIFICATION
JANUARY 2010

- e. Soap dispenser shall be mounted above the lavatory and located in a position so it will be reached and not interfere with the lavatory faucet and gooseneck spout. Mounting height a 47 ½” to the top of unit above finished floor.
- f. Grab bars shall be installed at height of 33” - 36” above the finished floor. See Specification for requirements and drawings for locations, length, and configuration of the grab bars.

7. SECTION 15B PLUMBING

- a. Lavatory shall be "Harwich" model # 1412-20V, 20” x 18” Vitreous China, wall hung as manufactured by Crane Plumbing or approved equal. Pop-up drain, faucet holes on 4” centers, two soap depressions, and front overflow. Lavatory shall be mounted 34” maximum above floor to the top of lavatory.
- b. A removable protective under sink enclosure shall be provided to enclose the water supply pipes and drain.
 - 1) Lavatory protective enclosure; ADA-compliant, undersink pre-cut protection shall be LAV SHIELD® Model # 2018-CR-H, manufactured by Truebro Inc., or approved equal.
 - Material; Rigid PVC
 - Fasteners; Seven (7) wall anchors
 - Color; China white
- c. Lavatory faucet shall be; Delta – single handle Model 520 MPU, Symmons – single handle Model S-20S or approved equal with the following 3/8” diameter copper tubing inlets on 4” centers, aerator (with 2 ½ gpm flow restrictor), pop-up drain and 1 ¼” tailpiece. Faucet shall have chrome finish and have vandal proof lever.
- d. Water Closet - Water closet shall be elongated front tank type, vitreous china, free standing close-coupled complete with bowl, tank, cover, seat and seat cover. Unit shall be a high efficiency dual flush unit with water usage of 1.1/1.6 gpf, gravity type and not require an auxiliary pump to operate. Water closet shall meet or exceed ANSI Standards A112.19.2M and A112.19.6 (1990) and be on the New York State Department of Environmental Conservation Approved Fixture List. Crane Plumbing, Eco Saratoga Tall, Model #31975 or approved equal. Seat with cover shall be solid plastic, unit shall be white. Unit shall be manufactured by Centoco, Economy series model# HP1600 or approved equal.

STANDARD SPECIFICATION
JANUARY 2010

8. SECTION 16A ELECTRICAL

- a. Switches shall be mounted 46" (center of switch) above finished floor.
- b. Convenience receptacles shall be 18" (center of receptacle) above finished floor.
- c. The heights for intercom and circuit breaker panels shall be 48" to top of panels from finished floor.

END OF SECTION