602 DRINKING FOUNTAINS 608 Shower Compartments minimum side of the clearance provided that it is not on the side of the clearance adjacent to the **608.1 General.** Shower compartments shall comply with 608. NOT TO SCALE controls or, where provided, not on the side of the clearance adjacent to the shower seat. Advisory 608.1 General. Shower stalls that are 60 inches (1525 mm) wide and have no curb may increase the usability of a bathroom because the shower area provides additional maneuvering 602.1. GENERAL. DRINKING FOUNTAINS SHALL COMPLY WITH 307 AND 602. 608.2 Size and Clearances for Shower Compartments. Shower compartments shall have sizes | minimum entry shall be provided at one end of the long side of the compartment. 602.2. CLEAR FLOOR SPACE. UNITS SHALL HAVE A CLEAR FLOOR OR GROUND SPACE COMPLYING WITH 305 POSITIONED FOR A and clearances complying with 608.2. FORWARD APPROACH AND CENTERED ON THE UNIT. KNEE AND TOE CLEARANCE COMPLYING WITH 306 SHALL BE PROVIDED. **EXCEPTION:** A PARALLEL APPROACH COMPLYING WITH 305 SHALL BE PERMITTED AT UNITS FOR CHILDREN'S USE WHERE THE **608.2.1 Transfer Type Shower Compartments.** Transfer type shower compartments shall be 36 | 608.3. Where multiple grab bars are used, required horizontal grab bars shall be installed at the SPOUT IS 30" (760 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND AND IS 3 1/2" (90 MM) MAXIMUM FROM THE FRONT EDGE inches (915 mm) by 36 inches (915 mm) clear inside dimensions measured at the center points of same height above the finish floor. OF THE UNIT, INCLUDING BUMPERS. opposing sides and shall have a 36 inch (915 mm) wide minimum entry on the face of the shower compartment. Clearance of 36 inches (915 mm) wide minimum by 48 inches (1220 mm) long 602.3. OPERABLE PARTS. OPERABLE PARTS SHALL COMPLY WITH 309. minimum measured from the control wall shall be provided. 602.4. SPOUT HEIGHT. SPOUT OUTLETS SHALL BE 36" (915 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. **608.2.2 Standard Roll-In Type Shower Compartments.** Standard roll-in type shower compartments shall be 30 inches (760 mm) wide minimum by 60 inches (1525 mm) deep **602.5 SPOUT LOCATION**. THE SPOUT SHALL BE LOCATED 15" (380 MM) MINIMUM FROM THE VERTICAL SUPPORT AND 5" (125 MM) minimum clear inside dimensions measured at center points of opposing sides and shall have a 60 | 2. In residential dwelling units, grab bars shall not be required to be installed in showers located in MAXIMUM FROM THE EDGE OF THE UNIT, INCLUDING BUMPERS. inches (1525 mm) wide minimum entry on the face of the shower compartment. the installation of grab bars complying with 608.3. 608.2.2.1 Clearance. A 30 inch (760 mm) wide minimum by 60 inch (1525 mm) long minimum 602.6 WATER FLOW. THE SPOUT SHALL PROVIDE A FLOW OF WATER 4" (100 MM) HIGH MINIMUM AND SHALL BE LOCATED 5" (125 MM) MAXIMUM FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE MEASURED HORIZONTALLY clearance shall be provided adjacent to the open face of the shower compartment. RELATIVE TO THE FRONT FACE OF THE UNIT. WHERE SPOUTS ARE LOCATED LESS THAN 3" (75 MM) OF THE FRONT OF THE UNIT, THE ANGLE OF THE WATER STREAM SHALL BE 30 DEGREES MAXIMUM. WHERE SPOUTS ARE LOCATED BETWEEN THAN 3" (75 MM) AND 5" (125 MM) MAXIMUM FROM THE FRONT OF THE UNIT. THE ANGLE OF THE WATER STREAM SHALL BE 15 DEGREE MAXIMUM. ADVISORY 602.6 WATER FLOW. THE PURPOSE OF REQUIRING THE DRINKING FOUNTAIN SPOUT TO PRODUCE A FLOW OF WATER 4" (100 MM) HIGH MINIMUM IS SO THAT A CUP CAN BE INSERTED UNDER THE FLOW OF WATER TO PROVIDE A DRINK OF WATER FOR AN INDIVIDUAL WHO, BECAUSE OF DISABILITY, WOULD OTHERWISE BE INCAPABLE OF USING THE DRINKING FOUNTAIN. 602.7. DRINKING FOUNTAINS FOR STANDING PERSONS. SPOUT OUTLETS OF DRINKING FOUNTAINS FOR STANDING PERSONS LIFE SAFETY HORN SHALL BE 38" (965 MM) MINIMUM AND 43" (1090 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND. 603 TOILET AND BATHING ROOMS STROBE ALARM NOT TO SCALE - ELECTRICAL DEVICE/FIXTURE ELECTRICAL NOTES: 603.2.3. DOOR SWING. DOORS SHALL NOT SWING INTO THE CLEAR FLOOR SPACE OR CLEARANCE REQUIRED FOR ANY LIGHT SWITCH/THERMOSTAT SWITCH/THERMOSTAT FIXTURE. DOORS SHALL BE PERMITTED TO SWING INTO THE REQUIRED TURNING SPACE. **EXCEPTIONS: 1.** DOORS TO A TOILET ROOM OR BATHING ROOM FOR A SINGLE OCCUPANT ACCESSED ONLY THROUGH A PRIVATE OFFICE AND NOT FOR COMMON USE OR PUBLIC USE SHALL BE PERMITTED TO SWING INTO THE THE CLEAR FLOOR PHONE/DATA OUTLET SPACE OR CLEARANCE PROVIDED THE SWING OF THE DOOR CAN BE REVERSED TO COMPLY WITH 603.2.3. 2. WHERE THE ALL PLUMBING FIXTURES AS SPECIFIED IN PLUMBING TOILET ROOM OR BATHING ROOM IS FOR INDIVIDUAL USE AND A CLEAR FLOOR SPACE COMPLYING WITH 305.3 IS PROVIDED FIXTURE SCHEDULE (PLUMB DWGS) SHALL BE ACCESSIBLE. WITHIN THE ROOM BEYOND THE ARC OF THE DOOR SWING, DOORS SHALL BE PERMITTED TO SWING INTO THE CLEAR FLOOR ADA TOILET RIM HEIGHT SHALL BE 17"-19". SPACE OR CLEARANCE REQUIRED FOR ANY FIXTURE. PROVIDE SIDE SPLASH WHERE REQUIRED. ADVISORY 603.2.3. DOOR SWING EXCEPTION 1. AT THE TIME THE DOOR IS INSTALLED, AND IF THE DOOR SWING IS REVERSED * UNLESS NOTED OTHERWISE, PROVIDE SOLID, IN WALL BLOCKING FOR HANDRAILS, LIGHT IN THE FUTURE, THE DOOR MUST MEET ALL THE REQUIREMENTS SPECIFIED IN 404. ADDITIONALLY, THE DOOR SWING CANNOT DOOR KNOBS WHERE SEVERAL DEVICES ARE FIXTURES, COUNTERTOPS, MIRRORS, AND SIMILAR ITEMS. REDUCE THE REQUIRED WIDTH OF AN ACCESSIBLE ROUTE. ALSO, AVOID VIOLATING OTHER BUILDING OR LIFE SAFETY CODES **MOUNTED IN CLOSE PROXIMITY** SEE FINISH SCHEDULE IN SPECIFICATION FOR FINISHES. → PHONE/DATA OUTLET WHEN THE DOOR SWING IS REVERSED. TO EACH OTHER ON THE WALL PROVIDE SEALANT BETWEEN BACKSPLASH, SIDESPLASH COORDINATE WITH ALL AND WALLS. ELECTRICAL OUTLET RELATED TRADES (1'-3" TO BOTTOM OF OUTLET) back wall FINISHED FLOOR FRONT REACH MAX. SIDE REACH MAX. TWO WAY COMMUNICATIO - -N PANEL -FRONT REACH MIN SIDE REACH MIN FINISHED FLOOR -5'-0" MIN CLEAR CLEAR CLEAR CLEAR CLEAR 1 1/2" MAX— 1 1/2" MAX-√3" MAX FRONT REACH MAX. SIDE REACH MAX. (49°C) maximum. FRONT REACH MIN SIDE REACH MIN FINISHED FLOOR BACK WALL CONTROL WALL CONTROL WALL **BACK WALL END WALL END WALL** TRANSFER SHOWER TRANSFER SHOWER TRANSFER SHOWER **ROLL-IN SHOWER ROLL-IN SHOWER ROLL-IN SHOWER ROLL-IN SHOWER ROLL-IN SHOWER ROLL-IN SHOWER** 3'-3" - 3|-5" 1 1/2" MIN CLR 610.3 Shower Compartment Seats. Where a seat is provided in a standard roll-in shower SIDE REACH MAX. FRONT REACH MIN SIDE SIDE REACH MIN FINISHED FLOOR SIDE WALL DIMENSION TO SIDE WALL ADA URINAL REGULAR **BACK WALL BACK WALL** ADA TOILET DRINKING DRINKING HOLD (TYP) ADA TOILET (MOUNTED CLOSEST URINAL FOUNTAIN FOUNTAIN TO DOOR) ALLOWED RANGE (TYP) STANDARD MOUNTING HEIGHTS / 1/2" = 1'-0" \ **\A4** 12 11 14

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EXCEPTION: A lavatory complying with 606 shall be permitted on one 30 inch (760 mm) wide

608.2.3 Alternate Roll-In Type Shower Compartments. Alternate roll-in type shower

compartments shall be 36 inches (915 mm) wide and 60 inches (1525 mm) deep minimum clear inside dimensions measured at center points of opposing sides. A 36 inch (915 mm) wide

608.3 Grab Bars. Grab bars shall comply with 609 and shall be provided in accordance with

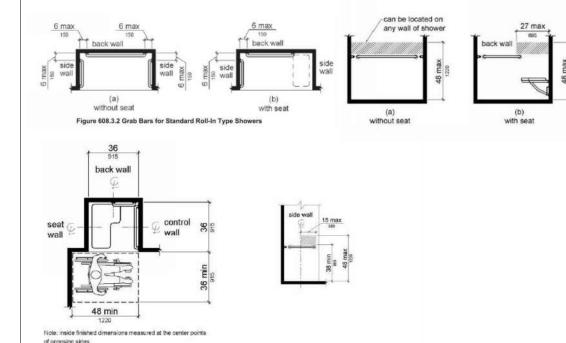
1. Grab bars shall not be required to be installed in a shower located in a bathing facility for a single occupant accessed only through a private office, and not for common use or public use provided that reinforcement has been installed in walls and located so as to permit the installation of grab bars complying with 608.3.

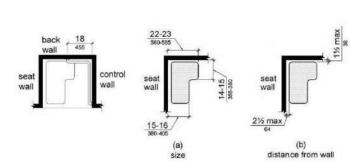
bathing facilities provided that reinforcement has been installed in walls and located so as to permit

608.3.1 Transfer Type Shower Compartments. In transfer type compartments, grab bars shall be provided across the control wall and back wall to a point 18 inches (455 mm) from the control

608.3.2 Standard Roll-In Type Shower Compartments. Where a seat is provided in standard roll-in type shower compartments, grab bars shall be provided on the back wall and the side wall opposite the seat. Grab bars shall not be provided above the seat. Where a seat is not provided in standard roll-in type shower compartments, grab bars shall be provided on three walls. Grab bars shall be installed 6 inches (150 mm) maximum from adjacent walls.

608.3.3 Alternate Roll-In Type Shower Compartments. In alternate roll-in type shower compartments, grab bars shall be provided on the back wall and the side wall farthest from the compartment entry. Grab bars shall not be provided above the seat. Grab bars shall be installed 6 inches (150 mm) maximum from adjacent walls.





608.4 Seats. A folding or non-folding seat shall be provided in transfer type shower compartments. A folding seat shall be provided in roll-in type showers required in transient lodging guest rooms with mobility features complying with 806.2. Seats shall comply with 610.

EXCEPTION: In residential dwelling units, seats shall not be required in transfer type shower compartments provided that reinforcement has been installed in walls so as to permit the installation of seats complying with 608.4.

608.5 Controls. Controls, faucets, and shower spray units shall comply with 309.4.

608.5.1 Transfer Type Shower Compartments. In transfer type shower compartments, the controls, faucets, and shower spray unit shall be installed on the side wall opposite the seat 38 inches (965 mm) minimum and 48 inches (1220 mm) maximum above the shower floor and shall be located on the control wall 15 inches (380 mm) maximum from the centerline of the seat toward the shower opening.

608.5.2 Standard Roll-In Type Shower Compartments. In standard roll-in type shower compartments, the controls, faucets, and shower spray unit shall be located above the grab bar, but no higher than 48 inches (1220 mm) above the shower floor. Where a seat is provided, the controls, faucets, and shower spray unit shall be installed on the back wall adjacent to the seat

wall and shall be located 27 inches (685 mm) maximum from the seat wall. Advisory 608.5.2 Standard Roll-in Type Shower Compartments. In standard roll-in type

showers without seats, the shower head and operable parts can be located on any of the three walls of the shower without adversely affecting accessibility.

608.5.3 Alternate Roll-In Type Shower Compartments. In alternate roll-in type shower compartments, the controls, faucets, and shower spray unit shall be located above the grab bar, but no higher than 48 inches (1220 mm) above the shower floor. Where a seat is provided, the controls, faucets, and shower spray unit shall be located on the side wall adjacent to the seat 27 inches (685 mm) maximum from the side wall behind the seat or shall be located on the back wall opposite the seat 15 inches (380 mm) maximum, left or right, of the centerline of the seat. Where a seat is not provided, the controls, faucets, and shower spray unit shall be installed on the side wall farthest from the compartment entry.

608.6 Shower Spray Unit and Water. A shower spray unit with a hose 59 inches (1500 mm) long minimum that can be used both as a fixed-position shower head and as a hand-held shower shall be provided. The shower spray unit shall have an on/off control with a non-positive shut-off. If an adjustable-height shower head on a vertical bar is used, the bar shall be installed so as not to obstruct the use of grab bars. Shower spray units shall deliver water that is 120°F

EXCEPTION: A fixed shower head located at 48 inches (1220 mm) maximum above the shower finish floor shall be permitted instead of a hand-held spray unit in facilities that are not medical care facilities, long-term care facilities, transient lodging guest rooms, or residential

Advisory 608.6 Shower Spray Unit and Water. Ensure that hand-held shower spray units are capable of delivering water pressure substantially equivalent to fixed shower heads.

608.7 Thresholds. Thresholds in roll-in type shower compartments shall be 1/2 inch (13 mm) high maximum in accordance with 303. In transfer type shower compartments, thresholds 1/2 inch (13 mm) high maximum shall be beveled, rounded, or vertical.

EXCEPTION: A threshold 2 inches (51 mm) high maximum shall be permitted in transfer type shower compartments in existing facilities where provision of a 1/2 inch (13 mm) high threshold would disturb the structural reinforcement of the floor slab.

608.8 Shower Enclosures. Enclosures for shower compartments shall not obstruct controls, faucets, and shower spray units or obstruct transfer from wheelchairs onto shower seats.

610.1 General. Seats in bathtubs and shower compartments shall comply with 610.

610.2 Bathtub Seats. The top of bathtub seats shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum above the bathroom finish floor. The depth of a removable in-tub seat shall be 15 inches (380 mm) minimum and 16 inches (405 mm) maximum. The seat shall be capable of secure placement. Permanent seats at the head end of the bathtub shall be 15 inches (380 mm) deep minimum and shall extend from the back wall to or beyond the outer

compartment, it shall be a folding type, shall be installed on the side wall adjacent to the controls, and shall extend from the back wall to a point within 3 inches (75 mm) of the compartment entry. Where a seat is provided in an alternate roll-in type shower compartment. it shall be a folding type, shall be installed on the front wall opposite the back wall, and shall extend from the adjacent side wall to a point within 3 inches (75 mm) of the compartment entry. In transfer-type showers, the seat shall extend from the back wall to a point within 3 inches (75 mm) of the compartment entry. The top of the seat shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum above the bathroom finish floor. Seats shall comply with 610.3.1 or 610.3.2.

610.3.1 Rectangular Seats. The rear edge of a rectangular seat shall be 2 1/2 inches (64 mm) maximum and the front edge 15 inches (380 mm) minimum and 16 inches (405 mm) maximum from the seat wall. The side edge of the seat shall be 1 1/2 inches (38 mm) maximum from the adjacent wall.

610.3.2 L-Shaped Seats. The rear edge of an L-shaped seat shall be 2 1/2 inches (64 mm) maximum and the front edge 15 inches (380 mm) minimum and 16 inches (405 mm) maximum from the seat wall. The rear edge of the "L" portion of the seat shall be 1 1/2 inches (38 mm) maximum from the wall and the front edge shall be 14 inches (355 mm) minimum and 15 inches (380 mm) maximum from the wall. The end of the "L" shall be 22 inches (560 mm) minimum and 23 inches maximum (585 mm) from the main seat wall.

610.4 Structural Strength. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (1112 K) is applied at any point on the seat, fastener, mounting device, or supporting structure.

ARCHITECT

NEW YORK OKLAHOMA

KSQ Design 215 W 40th Street 15th Floor New York, NY 10018 646.435.0660 office www.ksq.design

Owner **Nanuet Union Free School District** 101 Church Street Nanuet, NY 10954

www.nanuetsd.org Structural Engineer

Clapper Structural Engineering 160 Partition Street Saugerties, NY 12477

845.943.9601 www.clapperstructural.com

845.627.9880

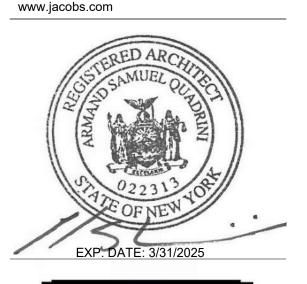
MEP Engineer Sage Engineering Associates, LLP 9 Columbia Circle Albany NY 12203

518.453.6091 www.sagellp.com

Environmental Engineer Quest Environmental Solutions 1376 Route 9

Wappingers Falls, NY 12590 845.298.6251 www.qualityenv.com

Construction Manager One Penn Plaza 24th Floor, Suite 2400 New York, NY 10119 646.908.6550





NUFSD BOND PROJECT PHASE 5 -HIGHVIEW ES

SED#50-01-08-03-0-002-020 (HIGHVIEW ES) SED#50-01-08-03-7-007-002 (Maintenance) SED#50-01-08-03-7-012-004 (OEC)

SED#50-01-08-03-0-001-026 (MILLER ES) SED#50-01-08-03-0-004-022 (BARR MS)

<u>Highview Elementary School</u> 24 Highview Ave Nanuet, NY 10954 OEC Building

135 Convent Rd Nanuet, NY 10954 <u>Maintenance Building</u> 103 Church St.

Nanuet, NY 10954 Miller Elementary School 50 Blauvelt Rd Unit1 Nanuet, NY 10954

A MacArthur Barr Middle School 143 Church St Nanuet, NY 10954

ISSUED: BID SET **DATE:** 06/21/2024

SCALE: As indicated SHEET NAME: STANDARD MOUNTING HEIGHTS

SHEET NUMBER: