

621 MEMORIAL DRIVE

ATLANTA, GA 30313



michael scott
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CURRENT MANDATORY CODES AS ADOPTED BY THE DCA...

International Building Code, 2018 Edition, with Georgia Amendments (2020), (2022)
International Residential Code, 2018 Edition, with Georgia Amendments (2020)
International Fire Code, 2018 Edition (No Georgia Amendments)
International Plumbing Code, 2018 Edition, with Georgia Amendments (2020), (2022), (2023)
International Mechanical Code, 2018 Edition, with Georgia Amendments (2020)
International Fuel Gas Code, 2018 Edition, with Georgia Amendments (2020), (2022)
National Electrical Code, 2020 Edition with Georgia Amendments (2021)
International Energy Conservation Code, 2015 Edition, with Ga Supplements and Amendments (2020), (2022), (2023)
International Swimming Pool and Spa Code, 2018 Edition, with Georgia Amendments (2020)

For information and questions regarding the Life Safety Code (NFPA 101), IFC Georgia Amendments or the Georgia Accessibility Code please contact the State Fire Marshal's Office.

CURRENT PERMISSIVE CODES ADOPTED BY THE DCA:

Disaster Resilient Building Code IBC Appendix(2013)
Disaster Resilient Building Code IRC Appendix (2013)
International Property Maintenance Code, 2018 Edition, with Georgia Amendments (2021)
International Existing Building Code, 2018 Edition, with Georgia Amendments (2021)
National Green Building Standard, 2008 Edition, with Georgia Amendments (2011)

PROJECT SUMMARY:

- * SCOPE OF WORK: RENOVATION TO EXISTING BUILDING
- * TOTAL BUILDING AREA: 1494 SF

REQUIREMENT BASED ON OCCUPANCY PER IBC 2018:

- * OCCUPANCY CLASSIFICATION: ASSEMBLY GROUP A_3SECTION 303.4
- * TYPE OF CONSTRUCTION: TYPE V-B SECTION 601.5
- * ALLOWABLE FLOOR AREA: 6,000 SF SECTION 506.3_TABLE 506.2
- * MAX. BUILDING HEIGHT: 40' SECTION 504.3_TABLE 504.3
- * ALLOWABLE # OF STORIES: 1_TABLE 504.4

OCCUPANCY CALCULATIONS:

- * TYPE OF SPACE: EXHIBIT GALLERY & MUSEUM
- * SIZE OF SPACE SF: 1494 SQFT
- * OCCUPANT LOAD FACTOR: 30 NET
- * NUMBERS OF OCCUPANTS: 50 TOTAL

PLUMBING FIXTURE REQUIREMENTS PER SECTION 2901_TABLE 2902.1

- * WATER CLOSET: 1EA
- * LAVATORY: 1 EA
- * DRINKING FOUNDATION: 1 EA
- * SERVICE SINK: 1 EA

COMMUNICATION

----- Forwarded message -----
From: Oboe Thomas <oboe@atlantaga.gov>
Date: Wed, Jan 25, 2023 at 1:30 PM
Subject: RE: EXTERNAL 621 Memorial
To: Dangar, Stuart <stuart.dangar@engelvoethers.com>
CC: Tinglin, Al Nisa <altinglin@atlantaga.gov>, Letang, Tamarla <TLetang@atlantaga.gov>

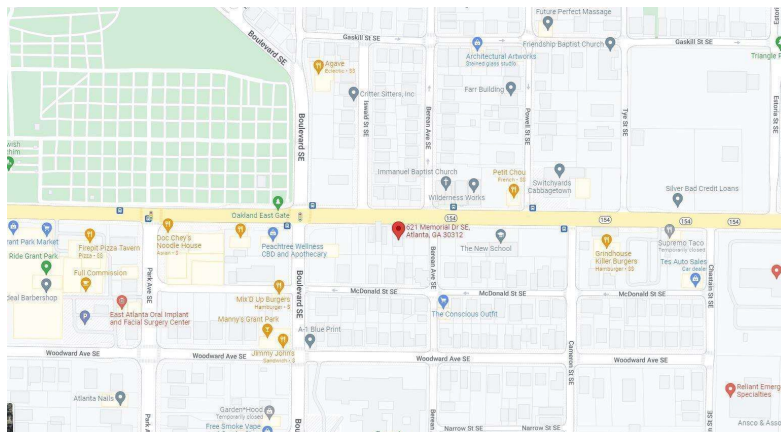
Good afternoon,
After a review of your proposed work, you will not be demolishing more than 60% of the current structure. Your proposed work is an in-kind replacement of the roof and providing skylight. The front door and window will be replaced as well as the back wall and will meet the code. The scope of work is commercial interior and exterior alteration only with no increase to the existing footprint or height.
Thank you
- Thomas

----- Forwarded message -----
From: Dunn, Nicolette <ndunn@atlantaga.gov>
Date: Fri, Apr 14, 2023 at 1:52 PM
Subject: RE: EXTERNAL 621 Memorial - bathroom configuration
To: Dangar, Stuart <stuart.dangar@engelvoethers.com>

As discussed, the occupant load is very low @39 therefore, in this instance only, the proposed restroom configuration will be sufficient for the space.

Nicolette Dunn
Planning Plan Review Specialist, Sr.
City of Atlanta
Office of Buildings, Suite 3900
45 Trimble Ave. S.W.
Atlanta, 30303
ndunn@atlantaga.gov
Desk 404-865-3686
Cell 678-414-2683

PROJECT LOCATION:



SHEET INDEX:

- 00.00 - COVER SHEET
- A0.01 - EXISTING FLOOR PLAN
- A0.02 - EXISTING ELEVATIONS
- A0.03 - PROPOSED FLOOR PLAN
- A0.04 - PROPOSED ELEVATIONS
- S0.01 - TRUSS LAYOUT
- P0.1 - PLUMBING GENERAL
- P0.2 - PLUMBING SCHEDULES & DETAILS
- P1.1 - PLUMBING FLOOR PLAN
- M0.1 - MECHANICAL GENERAL
- M0.2 - MECHANICAL SCHEDULES & DETAILS
- M1.1 - MECHANICAL FLOOR PLAN
- E0.1 - ELECTRICAL GENERAL
- E0.2 - ELECTRICAL SCHEDULES & DETAILS
- E1.1 - ELECTRICAL FLOOR PLAN

- S-1 STRUCTURAL FOUNDATION & FLOOR PLAN
- S-2 STRUCTURAL ROOF FRAMING PLAN
- S-3 STRUCTURAL SECTIONS & DETAILS
- S-4 STRUCTURAL SECTIONS & DETAILS
- S-5 STRUCTURAL NOTES & DESIGN LOADS
- S-6 STRUCTURAL NOTES & DETAILS
- S-7 STRUCTURAL NOTES & DETAILS
- S-8 STRUCTURAL NOTES & DETAILS

CONTACT INFORMATION

OWNER NAME -
OWNER CONTACT # -
CONTRACTOR -
CONTRACTOR NAME -
CONTRACTOR # -

RELEASED FOR CONSTRUCTION

621 MEMORIAL DRIVE

STREET: 621 MEMORIAL DRIVE
CITY: ATLANTA
STATE: GA
ZIP: 30312

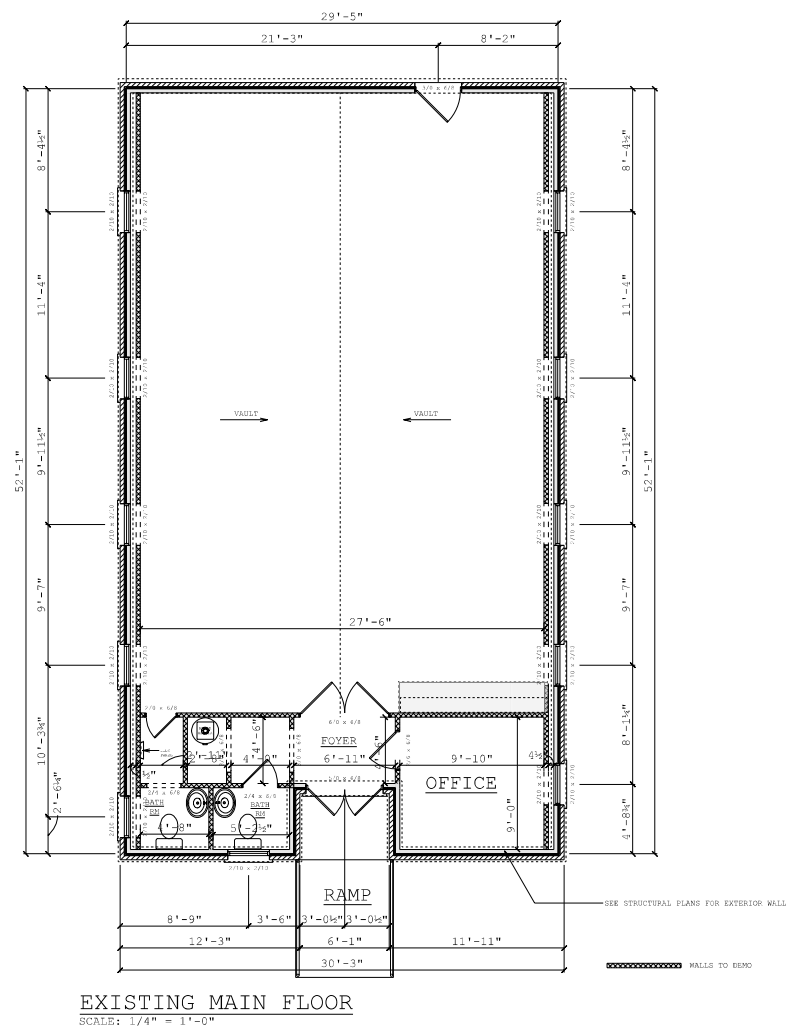
SCALE: NONE

DRAWN BY: MSN

DATE: Monday, October 02, 2023 03:00 PM

SHEET
0.00

COVER PAGE



RELEASED FOR CONSTRUCTION

SCALE: 1/4" = 1'-0"

SHEET
A0.01

621 MEMORIAL DRIVE

STREET: 621 MEMORIAL DRIVE PHONE:
CITY: ATLANTA FAX:
STATE: GA EMAIL:
ZIP: 30312

michael scott
designs llc
770.315.0402
michaelscottdesigns@gmail.com



RELEASED FOR CONSTRUCTION

michael scott
designs llc
770.315.0402
michael.scott@landat.com

[illegible]

621 MEMORIAL DRIVE

STREET: 621 MEMORIAL DRIVE
CITY: ATLANTA
STATE: GA

SCALE: 1/4" = 1'-0"

DRAWN BY: msn

DATE: Monday, October 02, 2023 09:00 PM

SHEET
A0.02

2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

304 Turning Space

304.1 General. Turning space shall comply with 304.

304.2 Floor or Ground Surface. Floor or ground surface of a turning space shall comply with 303. Changes in level are not permitted.

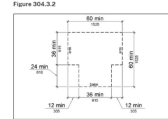
EXCEPTION: Spaces not deeper than 148 shall be permitted.

1. Advisory 304.2 Floor or Ground Surface Exception.

304.3 Turning Space

304.3.1 General. The turning space shall be a space of 60 inches (1525 mm) diameter minimum. The space shall be permitted to include knee and toe clearance complying with 306.

304.3.2 Shape. The turning space shall be a T-shaped space within a 60 inch (1525 mm) square minimum with arms and base 36 inches (915 mm) wide minimum. Each arm of the T shall be clear of obstructions 12 inches (305 mm) minimum in each direction and the base shall be clear of obstructions 24 inches (610 mm) minimum. The space shall be permitted to include knee and toe clearance complying with 306 only at the end of either the base or arms.



304.4 Door Swing. Doors shall be permitted to swing into turning spaces.

602 Drinking Fountains

602.1 General. Drinking fountains shall comply with 307 and 603.

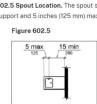
602.2 Clear Floor Space. Units shall have a clear floor or ground space complying with 305 positioned for a forward approach and centered on the unit. Knee and toe clearance for children's use when the spout is 30 inches (762 mm) maximum above the finish floor or ground shall be 31 inches (787 mm) maximum from the front edge of the unit, including bumpers.

EXCEPTION: A parallel approach complying with 305 shall be permitted at units for children's use when the spout is 30 inches (762 mm) maximum above the finish floor or ground shall be 31 inches (787 mm) maximum from the front edge of the unit, including bumpers.

602.3 Operable Parts. Operable parts shall comply with 306.

602.4 Spout Height. Spout outlets shall be 36 inches (915 mm) maximum above the finish floor or ground.

602.5 Spout Location. The spout shall be located 15 inches (380 mm) minimum from the vertical support and 5 inches (125 mm) minimum from the front edge of the unit, including bumpers.



602.6 Water Flow. The spout shall provide a flow of water 4 inches (102 mm) high minimum and shall be located 5 inches (125 mm) maximum from the front of the unit. The angle of the water stream shall be located less than 3 inches (75 mm) of the front of the unit. Where spouts are located less than 3 inches (75 mm) of the front of the unit, the angle of the water stream shall be 30 degrees maximum. Where spouts are located between 3 inches (75 mm) and 5 inches (125 mm) maximum from the front of the unit, the angle of the water stream shall be 15 degrees maximum.

1. Advisory 602.6 Water Flow.

602.7 Drinking Fountains for Standing Persons. Spout outlets of drinking fountains for standing persons shall be 38 inches (965 mm) maximum and 43 inches (1093 mm) maximum above the finish floor or ground.

1. Advisory 602.7 Drinking Fountains for Standing Persons.

603 Toilet and Bathing Rooms

603.1 General. Toilet and bathing rooms shall comply with 603.

603.2 Clearances. Clearances shall comply with 603.2.

603.2.1 Turning Space. Turning space complying with 304 shall be provided within the room.

603.2.2 Overlap. Required clear floor spaces, clearances at fixtures, and turning space shall be permitted to overlap.

603.2.3 Door Swing. Doors shall not swing into the clear floor space or clearance required for any future. 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 clear floor space or clearance provided the swing of the door can be reversed to comply with 603.2.3.

2. Where the toilet room or bathing room is for individual use and a clear floor space complying with 305.3 is provided within the room beyond the arc of the door swing, doors shall be permitted to swing into the clear floor space or clearance required for any future.

1. Advisory 603.2.3 Door Swing Exception 1.

603.3 Mirrors. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40 inches (1015 mm) maximum above the finish floor or ground.

Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 36 inches (915 mm) maximum above the finish floor or ground.

1. Advisory 603.3 Mirrors.

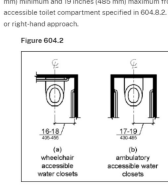
603.4 Coat Hooks and Shelves. Coat hooks shall be located within one of the reach ranges specified in 308. Shelves shall be located 40 inches (1015 mm) maximum and 48 inches (1220 mm) maximum above the finish floor.

604 Water Closets and Toilet Compartments

604.1 General. Water closets and toilet compartments shall comply with 604.2 through 604.8.

EXCEPTION: Water closets and toilet compartments for children's use shall be permitted to comply with 604.8.

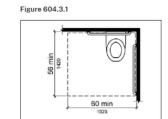
604.2 Location. The water closet shall be positioned with a wall or partition to the rear and to one side. The centerline of the water closet shall be 16 inches (405 mm) minimum to 18 inches (455 mm) maximum from the side wall or partition, except that the water closet shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum from the side wall or partition in the ambulatory accessible toilet compartment specified in 604.8.2. Water closets shall be arranged for a left-hand or right-hand approach.



Water Closet Location

604.3 Clearance. Clearances around water closets and in toilet compartments shall comply with 604.3.

604.3.1 Size. Clearance around a water closet shall be 60 inches (1525 mm) minimum measured perpendicular from the side wall and 56 inches (1420 mm) minimum measured perpendicular from the rear wall.



Size of Clearance at Water Closets

604.3.2 Overlap. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance.

EXCEPTION: In residential dwelling units, a lavatory complying with 606 shall be permitted on the rear wall. 18 inches (455 mm) minimum from the water closet centerline where the clearance at the water closet is 60 inches (1525 mm) minimum measured perpendicular from the rear wall.

1. Advisory 604.3.2 Overlap.

604.3.2 Overlap. The required clearance around the water closet shall be permitted to overlap the water closet, associated grab bars, dispensers, sanitary napkin disposal units, coat hooks, shelves, accessible routes, clear floor space and clearances required at other fixtures, and the turning space. No other fixtures or obstructions shall be located within the required water closet clearance.

EXCEPTION: In residential dwelling units, a lavatory complying with 606 shall be permitted on the rear wall. 18 inches (455 mm) minimum from the water closet centerline where the clearance at the water closet is 60 inches (1525 mm) minimum measured perpendicular from the rear wall.

1. Advisory 604.3.2 Overlap.

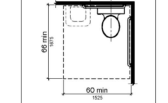
604.4 Flush Controls. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 305. Flush controls shall be located on the open side of the water closet except in ambulatory accessible compartments complying with 604.8.2.

1. Advisory 604.4 Flush Controls.

604.4 Dispensers. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches (380 mm) minimum and 48 inches (1220 mm) maximum above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.

1. Advisory 604.4 Dispensers.

604.5 Seats. The seat height of a water closet above the finish floor shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum measured to the top of the seat. Seats shall not be sprung to return to a lifted position.



(Exception) Overlap of Water Closet Clearance in Residential Dwelling Units

604.6 Seats. The seat height of a water closet above the finish floor shall be 17 inches (430 mm) minimum and 19 inches (485 mm) maximum measured to the top of the seat. Seats shall not be sprung to return to a lifted position.

604.7 Dispensers. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches (380 mm) minimum and 48 inches (1220 mm) maximum above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.

1. Advisory 604.7 Dispensers.

604.8 Grab Bars. Grab bars for water closets shall comply with 609. Grab bars shall be provided on the side wall closest to the water closet and on the rear wall.

EXCEPTIONS:

1. Grab bars shall not be required to be installed in a toilet room 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 604.8.

2. In residential dwelling units, grab bars shall not be required to be installed in toilet or bathrooms provided that reinforcement has been installed in walls and located so as to permit the installation of grab bars complying with 604.8.

3. In detention or correction facilities, grab bars shall not be required to be installed in housing or holding cells that are specially designed without protrusions for purposes of suicide prevention.

1. Advisory 604.8 Grab Bars Exception 2.

604.8.1 Side Wall. The side wall grab bar shall be 42 inches (1065 mm) long minimum, located 12 inches (305 mm) maximum from the rear wall and extending 54 inches (1370 mm) minimum from the rear wall.

Figure 604.8.1: Side wall grab bar diagram showing dimensions: 42 inch bar, 12 inch from rear wall, 54 inch extension.

Side Wall Grab Bar at Water Closets

604.8.2 Rear Wall. The rear wall grab bar shall be 38 inches (965 mm) long minimum and extend from the centerline of the water closet 12 inches (305 mm) minimum on one side and 24 inches (610 mm) minimum on the other side.

EXCEPTIONS:

1. The rear grab bar shall be permitted to be 24 inches (610 mm) long minimum, centered on the rear wall, where wall space does not permit a length of 38 inches (965 mm) minimum due to the location of a recessed fixture adjacent to the water closet.

2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.

EXCEPTIONS:

1. A water closet in a toilet room for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply with 604.4.

2. In residential dwelling units, the height of water closets shall be permitted to be 15 inches (380 mm) minimum and 19 inches (485 mm) maximum above the finish floor measured to the top of the seat.

604.5 Grab Bars. Grab bars for water closets shall comply with 609. Grab bars shall be provided on the side wall closest to the water closet and on the rear wall.

EXCEPTIONS:

1. Grab bars shall not be required to be installed in a toilet room 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 604.5.

2. In residential dwelling units, grab bars shall not be required to be installed in toilet or bathrooms provided that reinforcement has been installed in walls and located so as to permit the installation of grab bars complying with 604.5.

3. In detention or correction facilities, grab bars shall not be required to be installed in housing or holding cells that are specially designed without protrusions for purposes of suicide prevention.

1. Advisory 604.5 Grab Bars Exception 2.

604.5.1 Side Wall. The side wall grab bar shall be 42 inches (1065 mm) long minimum, located 12 inches (305 mm) maximum from the rear wall and extending 54 inches (1370 mm) minimum from the rear wall.

Figure 604.5.1: Side wall grab bar diagram showing dimensions: 42 inch bar, 12 inch from rear wall, 54 inch extension.

Side Wall Grab Bar at Water Closets

604.5.2 Rear Wall. The rear wall grab bar shall be 38 inches (965 mm) long minimum and extend from the centerline of the water closet 12 inches (305 mm) minimum on one side and 24 inches (610 mm) minimum on the other side.

EXCEPTIONS:

1. The rear grab bar shall be permitted to be 24 inches (610 mm) long minimum, centered on the rear wall, where wall space does not permit a length of 38 inches (965 mm) minimum due to the location of a recessed fixture adjacent to the water closet.

2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.

Figure 604.5.2: Rear wall grab bar diagram showing dimensions: 38 inch bar, 12 inch from centerline, 24 inch extension.

Rear Wall Grab Bar at Water Closets

604.6 Flush Controls. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 305. Flush controls shall be located on the open side of the water closet except in ambulatory accessible compartments complying with 604.8.2.

1. Advisory 604.6 Flush Controls.

604.7 Dispensers. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches (380 mm) minimum and 48 inches (1220 mm) maximum above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.

1. Advisory 604.7 Dispensers.

604.8 Grab Bars. Grab bars for water closets shall comply with 609. Grab bars shall be provided on the side wall closest to the water closet and on the rear wall.

EXCEPTIONS:

1. Grab bars shall not be required to be installed in a toilet room 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 604.8.

2. In residential dwelling units, grab bars shall not be required to be installed in toilet or bathrooms provided that reinforcement has been installed in walls and located so as to permit the installation of grab bars complying with 604.8.

3. In detention or correction facilities, grab bars shall not be required to be installed in housing or holding cells that are specially designed without protrusions for purposes of suicide prevention.

1. Advisory 604.8 Grab Bars Exception 2.

604.8.1 Side Wall. The side wall grab bar shall be 42 inches (1065 mm) long minimum, located 12 inches (305 mm) maximum from the rear wall and extending 54 inches (1370 mm) minimum from the rear wall.

Figure 604.8.1: Side wall grab bar diagram showing dimensions: 42 inch bar, 12 inch from rear wall, 54 inch extension.

Side Wall Grab Bar at Water Closets

604.8.2 Rear Wall. The rear wall grab bar shall be 38 inches (965 mm) long minimum and extend from the centerline of the water closet 12 inches (305 mm) minimum on one side and 24 inches (610 mm) minimum on the other side.

EXCEPTIONS:

1. The rear grab bar shall be permitted to be 24 inches (610 mm) long minimum, centered on the rear wall, where wall space does not permit a length of 38 inches (965 mm) minimum due to the location of a recessed fixture adjacent to the water closet.

2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.

Figure 604.8.2: Rear wall grab bar diagram showing dimensions: 38 inch bar, 12 inch from centerline, 24 inch extension.

Rear Wall Grab Bar at Water Closets

604.9 Dispensers. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches (380 mm) minimum and 48 inches (1220 mm) maximum above the finish floor and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.

1. Advisory 604.9 Dispensers.

604.10 Grab Bars. Grab bars for water closets shall comply with 609. Grab bars shall be provided on the side wall closest to the water closet and on the rear wall.

EXCEPTIONS:

1. Grab bars shall not be required to be installed in a toilet room 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 604.10.

2. In residential dwelling units, grab bars shall not be required to be installed in toilet or bathrooms provided that reinforcement has been installed in walls and located so as to permit the installation of grab bars complying with 604.10.

3. In detention or correction facilities, grab bars shall not be required to be installed in housing or holding cells that are specially designed without protrusions for purposes of suicide prevention.

1. Advisory 604.10 Grab Bars Exception 2.

604.10.1 Side Wall. The side wall grab bar shall be 42 inches (1065 mm) long minimum, located 12 inches (305 mm) maximum from the rear wall and extending 54 inches (1370 mm) minimum from the rear wall.

Figure 604.10.1: Side wall grab bar diagram showing dimensions: 42 inch bar, 12 inch from rear wall, 54 inch extension.

Side Wall Grab Bar at Water Closets

604.10.2 Rear Wall. The rear wall grab bar shall be 38 inches (965 mm) long minimum and extend from the centerline of the water closet 12 inches (305 mm) minimum on one side and 24 inches (610 mm) minimum on the other side.

EXCEPTIONS:

1. The rear grab bar shall be permitted to be 24 inches (610 mm) long minimum, centered on the rear wall, where wall space does not permit a length of 38 inches (965 mm) minimum due to the location of a recessed fixture adjacent to the water closet.

2. Where an administrative authority requires flush controls for flush valves to be located in a position that conflicts with the location of the rear grab bar, then the rear grab bar shall be permitted to be split or shifted to the open side of the toilet area.

606 Lavatories and Sinks

606.1 General. Lavatories and sinks shall comply with 606.

1. Advisory 606.1 General.

606.2 Clear Floor Space. A clear floor space complying with 305, positioned for a forward approach, and knee and toe clearance complying with 306 shall be provided.

EXCEPTIONS:

1. A parallel approach complying with 305 shall be permitted to a kitchen sink in a space where a cook top or conventional range is not provided and to wet bars.

2. A lavatory in a toilet room or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to provide knee and toe clearance complying with 306.

3. In residential dwelling units, lavatory shall be permitted under lavatories and kitchen sinks provided that all of the following conditions are met:

(a) the cabinet can be removed without removal or replacement of the fixture;

(b) the finish floor extends under the cabinet; and (c) the walls behind and surrounding the lavatory are finished.

4. A knee clearance of 24 inches (610 mm) minimum above the finish floor or ground shall be permitted at lavatories and sinks used primarily by children 8 through 12 years where the rim or counter surface is 30 inches (762 mm) maximum above the finish floor or ground.

5. A parallel approach complying with 305 shall be permitted to lavatories and sinks used primarily by children 3 years and younger.

6. The top of the overflow shall not be considered in determining knee and toe clearances.

7. No more than one level of a multi-level sink shall be required to provide knee and toe clearance complying with 306.

606.3 Height. Lavatories and sinks shall be installed with the front of the higher of the rim or counter surface 34 inches (865 mm) maximum above the finish floor or ground.

EXCEPTIONS:

1. A lavatory in a toilet or bathing facility for a single occupant accessed only through a private office and not for common use or public use shall not be required to comply with 606.3.

2. In residential dwelling units, lavatories, sinks that are adjustable to variable heights, 29 inches (735 mm) minimum and 34 inches (865 mm) maximum, shall be permitted where rough-in plumbing permits connections of supply and drain pipes for sinks mounted at the height of 29 inches (735 mm).

606.4 Fixtures. Controls for fixtures shall comply with 308. Hand-operated retaining fixtures shall remain open for 15 seconds minimum.

606.5 Exposed Pipes and Surfaces. Water supply and drain pipes under lavatories and sinks shall be insulated or otherwise configured to protect against contact. There shall be no sharp or abrasive surfaces under lavatories and sinks.

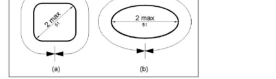
609 Grab Bars

609.1 General. Grab bars in toilet facilities and bathing facilities shall comply with 609.

609.2 Section. Grab bars shall have a cross section complying with 609.2.1 or 609.2.2.

609.2.1 Circular Cross Section. Grab bars with circular cross sections shall have an outside diameter of 1 1/4 inches (32 mm) minimum and 2 inches (51 mm) maximum.

609.2.2 Non-Circular Cross Section. Grab bars with non-circular cross sections shall have a cross-section dimension of 2 inches (51 mm) maximum and a perimeter dimension of 4 inches (100 mm) minimum and 4 1/2 inches (112 mm) maximum.



Grab Bar Non-Circular Cross Section

609.3 Spacing. The space between the wall and the grab bar shall be 1 1/2 inches (38 mm). The space between the grab bar and projecting objects below and at the ends shall be 1 1/2 inches (38 mm) minimum. The space between the grab bar and projecting objects above shall be 12 inches (305 mm) minimum.

EXCEPTION: The space between the grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1 1/2 inches (38 mm) minimum.

609.4 Spacing. The space between the wall and the grab bar shall be 1 1/2 inches (38 mm). The space between the grab bar and projecting objects below and at the ends shall be 1 1/2 inches (38 mm) minimum. The space between the grab bar and projecting objects above shall be 12 inches (305 mm) minimum.

EXCEPTION: The space between the grab bars and shower controls, shower fittings, and other grab bars above shall be permitted to be 1 1/2 inches (38 mm) minimum.

Figure 609.3: Grab bar spacing diagram showing dimensions: 1 1/2 inch from wall, 1 1/2 inch from ends, 12 inch from objects above.

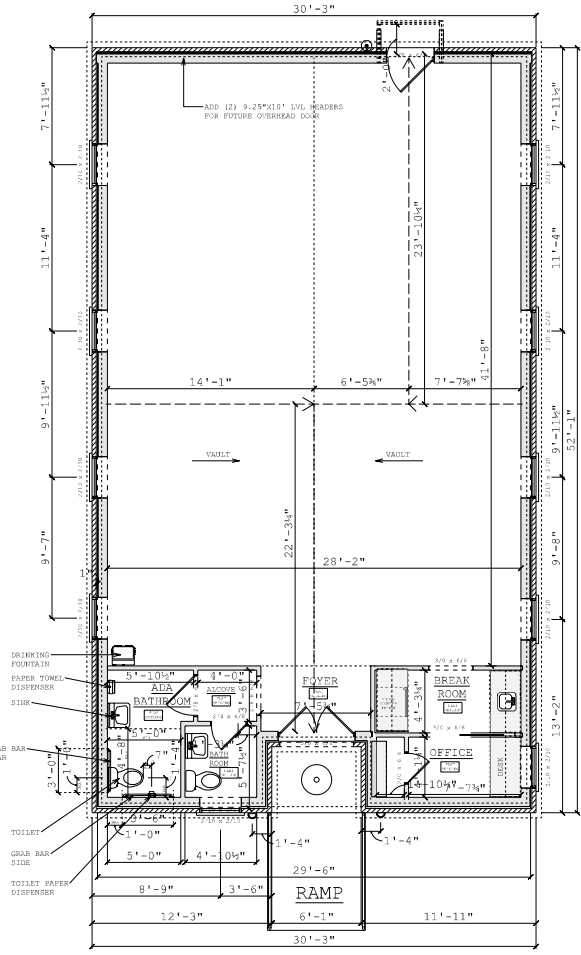
Grab Bar Spacing

609.5 Surface Hazards. Grab bars and any wall or other surface adjacent to grab bars shall be free of sharp or abrasive elements and shall have rounded edges.

609.6 Fittings. Grab bars shall not rotate within their fittings.

609.7 Installation. Grab bars shall be installed in any manner that provides a gripping surface at the specified locations and that does not obstruct the required clear floor space.

609.8 Structural Strength. Allowable stresses shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds (112 N) is applied at any point on the grab bar, fastener, mounting device or supporting structure.



PROPOSED MAIN FLOOR & LIFE SAFETY
SCALE: 1/4" = 1'-0"



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CITY: ATLANTA
STATE: GA
ZIP: 30312

SCALE: 1/4" = 1'-0"
DRAWN BY: MSN
DATE: Monday, October 02, 2023 6:00 PM

SHEET
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