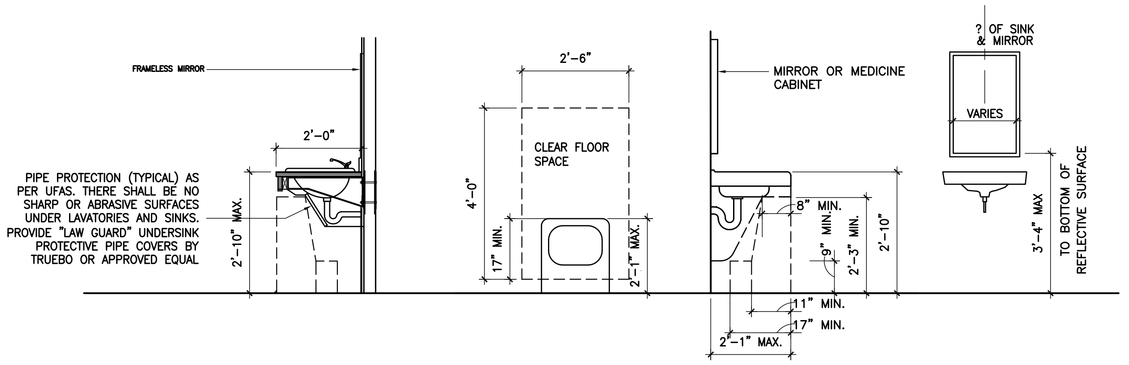
Plot Drawing
1909000-AS102.dwg
Working Drawing

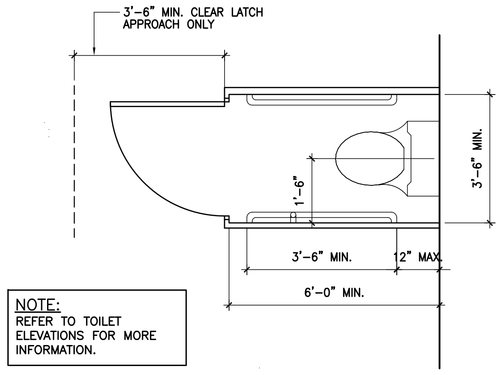
Reference Drawings
Q:\1909.000
\VAM30X42.DWG
\VAMCL1.DWG
\VAMCS1.DWG
\VAMCS2.DWG
\VAMEX1.DWG
\VAMEX2.DWG
\VAMFL1.DWG
\VAMFL2.DWG
\VAMTXAS2-1.DWG
\VAMTXAS2-2.DWG

three inches = one foot 6"
one and one half inches = one foot 6"
one inch = one foot 6"
three quarters inch = one foot 6"
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot



N.T.S.

13 SINKS AND LAVATORIES



NOTE:
REFER TO TOILET ELEVATIONS FOR MORE INFORMATION.

N.T.S.

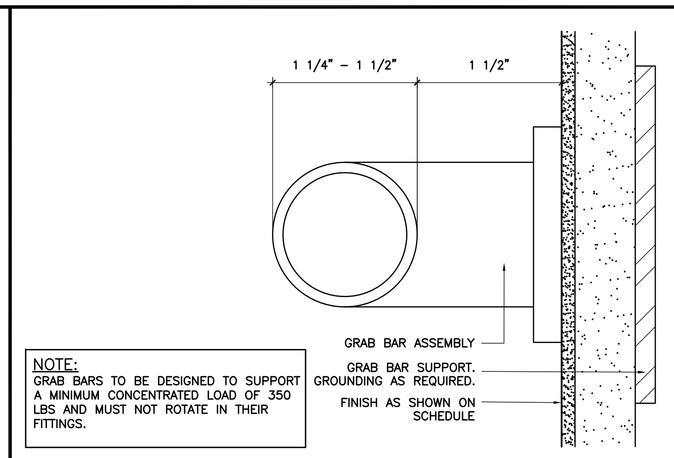
5 TOILET PLAN – AMBULATORY

BARRIER–FREE STANDARDS INDICATED HEREIN ARE TYPICAL. DIMENSIONS SHOWN ARE TYPICAL UNLESS INDICATED OTHERWISE ELSEWHERE IN THE DRAWINGS.

1. Refer to sheet 106–G1 101 for Applicable Codes.
2. The clear width of a passageway or a single wheelchair shall be 32 inches for a passageway of 24 inches or less and 36 inches for a passageway longer than 24 inches.
3. The clear floor space required for a single wheelchair shall be 30 inches by 48 inches.
4. The clear width of an accessible route shall be 36 inches.
5. Handrails: The top of gripping surface of handrails shall be 34 inches minimum and 38 inches maximum vertically above the stair nosing or ramp surface. Clear space between handrails and wall surface shall be 1 1/2" minimum.
6. Protruding Objects: Objects with leading edges located more than 27 inches and not more than 80 inches above the floor shall protrude not more than 4 inches from the wall.
7. Guardrails or other barriers shall be provided when vertical clearance of an area adjoining an accessible route is less than 80 inches high.
8. Changes in Level: A change in level of 1/4 inch high maximum shall be permitted to be vertical and without edge treatment. A change in level of between 1/4 inch and 1/2 inch high maximum shall be beveled with a slope not steeper than 1:2.
9. Accessible parking spaces shall be 96 inches wide and have an adjacent access aisle of not less than 60 inches minimum. Passenger loading zones shall provide an access aisle 60 inches wide and 20 feet long minimum adjacent to the vehicle pull–up space and at the same level as the roadway.
10. Ramps shall have a slope not steeper than 1:12. The maximum rise for any ramp without a landing is 30 inches. The ramp shall have a clear width of 36 inches. Landing length shall be a minimum of 60 inches.
11. Stair treads and risers shall be as follows: Stair treads shall be minimum of 11 inches deep, stair risers shall be a maximum of 7 inches high.
12. Door closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to an open position of 12 degrees will be 5 seconds minimum.
13. Door opening force where closers are used shall be 5 pounds maximum.
14. The bottom 12 inches of all doors except automatic doors shall have a smooth uninterrupted surface to allow the door to be opened by a wheelchair footrest without creating a trap or hazardous condition.
15. Doors may swing into a toilet room if the room is for individual use only or a clear floor space of 30 inches by 48 inches is provided beyond the arc of the door.
16. Power Assisted Doors: The time required for such doors to open to a back check position shall be 3 seconds minimum. The force required to stop door movement shall be 15 pounds maximum.
17. Bathroom mirrors shall be located with the bottom edge of the reflecting surface 40 inches maximum above the floor.
18. Water Closets: the top of the water closet seat shall be 17 – 19 inches above the floor.
19. Bathroom lavatories shall be mounted with the rim 34 inches maximum above the floor and have a clearance of 29 inches minimum from the floor to the bottom of the front edge of the apron.
20. Exposed pipes and surfaces under lavatories and sinks shall be insulated or otherwise configured to protect against contact.
21. Grab Bars shall have a diameter or width of gripping surface from 18 to 2 inches. The clear space between the grab bar surface and the wall surface shall be 1–1/2 inches minimum.
22. Structural strength: Allowable stresses in bending, shear and tension shall not be exceeded for materials used when a vertical or horizontal force of 250 pounds is applied at any point on the grab bar, seat, fastener mounting device or supporting structure.
23. Signage: Letters and numbers on signs shall have a width–to–height ratio between 3:5 and 1:1 and a stroke–width–to–height ratio between 1:5 and 1:10, utilizing an upper– case 'X' for measurement. Refer to UFAS for other signage requirements.

N.T.S.

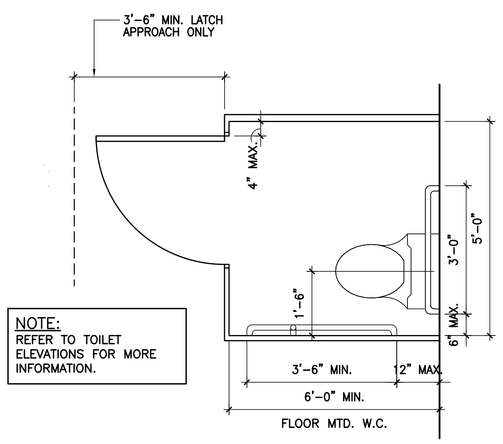
2 GEN. ACCESSIBILITY NOTES



NOTE:
GRAB BARS TO BE DESIGNED TO SUPPORT A MINIMUM CONCENTRATED LOAD OF 350 LBS AND MUST NOT ROTATE IN THEIR FITTINGS.

N.T.S.

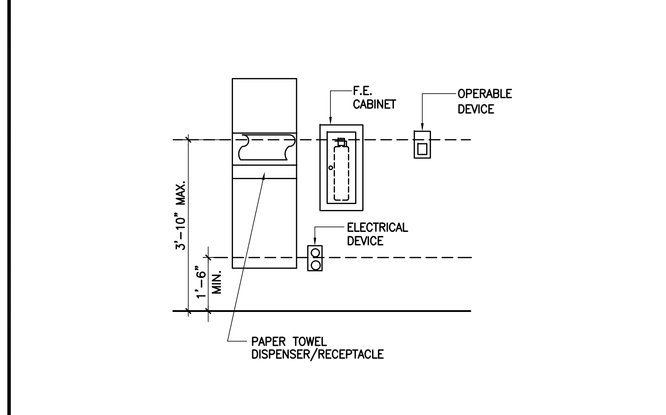
10 TYPICAL GRAB BAR



NOTE:
REFER TO TOILET ELEVATIONS FOR MORE INFORMATION.

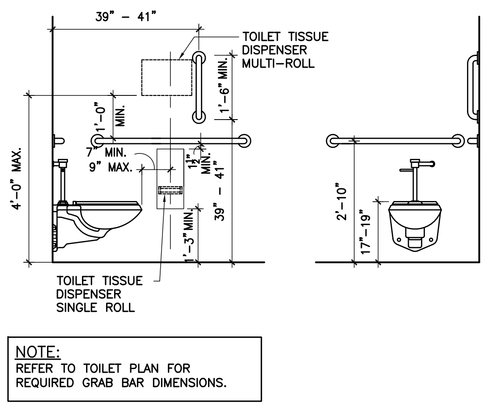
N.T.S.

6 TOILET PLAN



N.T.S.

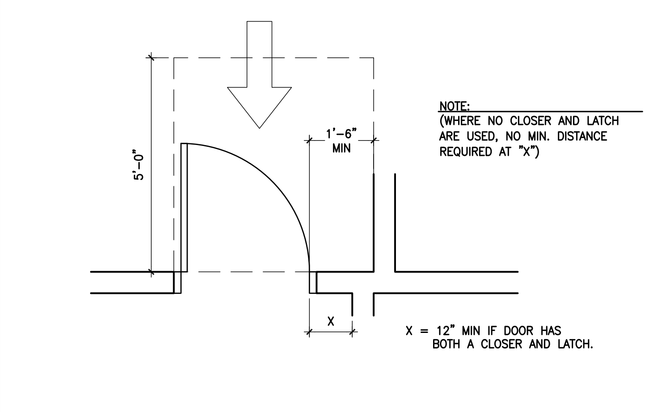
11 MOUNTING HEIGHTS



NOTE:
REFER TO TOILET PLAN FOR REQUIRED GRAB BAR DIMENSIONS.

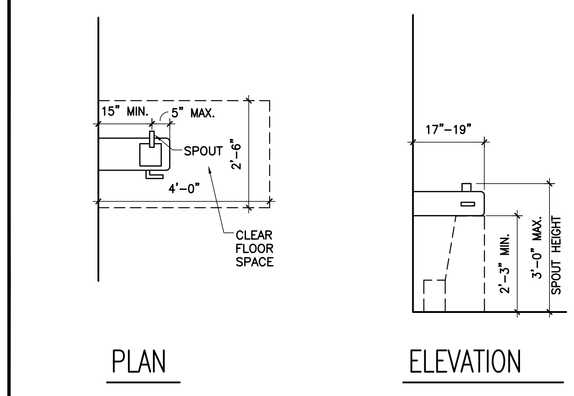
N.T.S.

7 TOILET MOUNTING ELEVS.



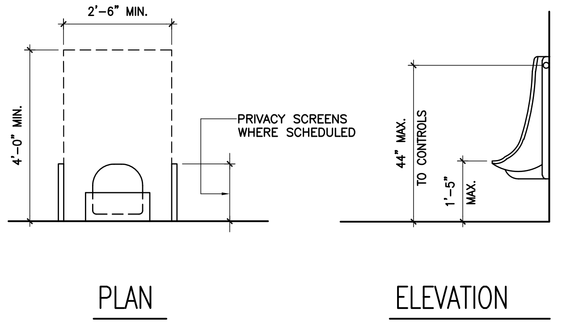
N.T.S.

3 DOOR CLEARANCES



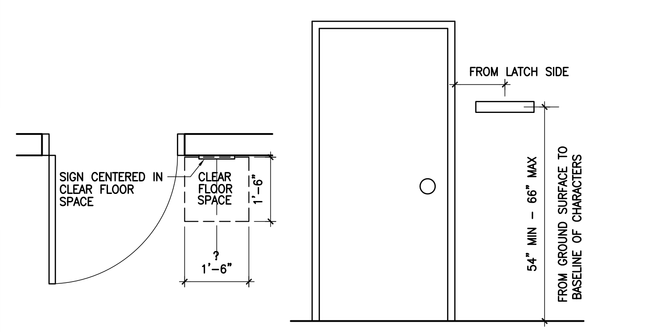
N.T.S.

12 DRINKING FOUNTAINS



N.T.S.

8 URINAL



N.T.S. KIDTA020

4 INTERIOR SIGN LOCATIONS

DESIGN APPROVED W/ COMMENT:

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119 JOHN STREET, New York, NY 10063
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Drawing Title
SECOND FLOOR – AREA 2B
BARRIER FREE DETAILS
SCALE: 1/8"=1'–0"

Approved: Project Director

Project Title
LABORATORY RENOVATION
100% CD SUBMISSION
NK Job Number: 1925.400

Location
BRONX, NY

Date 03/09/11 | Checked BL | Drawn WT

Project Number 526-09-122
Building Number 100
Drawing Number 2-AS0.03
Dwg. of

Office of Facilities Management
Department of Veterans Affairs

VA FORM 08–6231, OCT 1978