

# Site Accessibility Evaluation



Judicial

**270 S Tejon St  
Downtown, CO 80903**

Accessibility Evaluation

*Inspection Date: 08/23/2019  
Inspector: David Mejia*

Prepared By



**(719) 520 - 6866  
[www.elpasoco.com](http://www.elpasoco.com)**

## Main Entrance

### Finding: 1

Remove "Special Needs Entrance" lettering from main entrance door due to negative it's negative connotation.

*2010 ADAS Section Recommended*

*None*

#### Citation:

2010 ADAS Section: Recommended

#### As Built:

"Special Needs"  
verbiage at main  
entrance

#### Recommendation:

N/A - Refer to Finding

#### Notes:

N/A



## Main Entrance

### Finding: 2

There is no 30 inches by 48 inches clear floor space adjacent to the automatic door controllers.

Where push plates, vertical actuation bars or other similar operating devices are provided, they shall be placed in a conspicuous location. A level and clear floor or ground space for forward or parallel approach shall be provided, centered on the operating device. Doors shall not swing into the required clear floor or ground space.

*2010 ADAS Section 305.3*

*The clear floor or ground space shall be 30 inches (760 mm) minimum by 48 inches (1220 mm) minimum*

*2010 ADAS Section 404.3.5*

*Manually operated controls shall comply with 309. The clear floor space adjacent to the control shall be located beyond the arc of the door swing.*

#### Citation:

2010 ADAS Section: 305.3, 404.3.5

#### As Built:

Push button hidden  
from view and not  
centered for a forward  
approach

#### Recommendation:

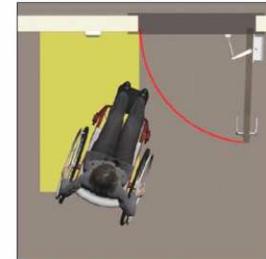
Recommend moving push button underneath fire alarm to accommodate a forward or parallel approach and installing sign indicating location of push button or on exit door frame.

#### Notes:

N/A



**Controls**



Wheelchair space at controls must be outside  
the door swing

## **Juror's Parking Lot**

### **Finding: 3**

**The cross slopes (narrow dimension) and/or running slopes (long dimension) of the accessible stall exceeds 2%.**

**The running slope and the cross slope in an accessible parking stall and the access aisle must not exceed 2%.**

*2010 ADAS Section 502.4*

*Parking spaces and access aisles serving them shall comply with 302. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted.*

#### **Citation:**

**2010 ADAS Section: 502.4**

#### **As Built:**

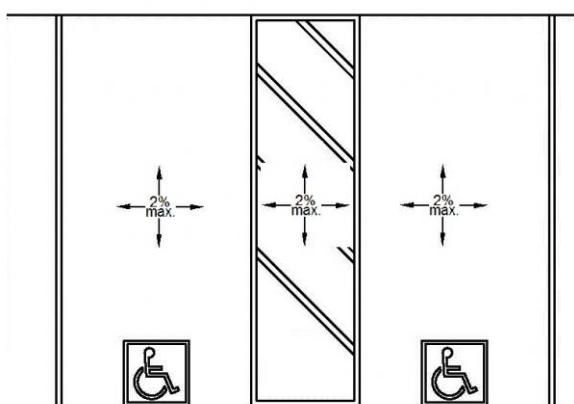
**Cross and running  
slopes range from 3%  
to 5%**

#### **Recommendation:**

**Re-paving and re-striping will be required to meet compliance.**

#### **Notes:**

**N/A**



**Finding 297327 Main Photo**

## Juror's Parking Lot

### Finding: 4

The parking stall contains abrupt edges and surface irregularities over a 1/4 inch vertical.

Parking spaces and access aisles serving them shall be stable, firm, and slip resistant. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted and shall not be sloped steeper than 2% in any direction.

2010 ADAS Section 502.4

*Parking spaces and access aisles serving them shall comply with 302. Access aisles shall be at the same level as the parking spaces they serve. Changes in level are not permitted.*

#### Citation:

2010 ADAS Section: 502.4

#### As Built:

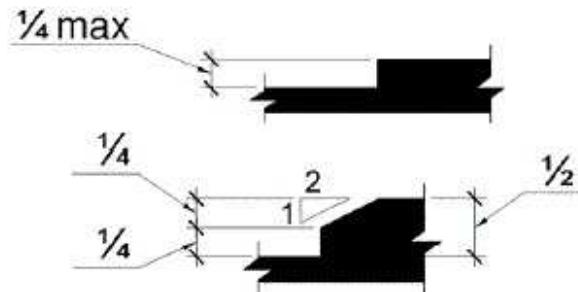
Cracking throughout  
parking lot

#### Recommendation:

Re-paving and re-striping will be required to meet compliance.

#### Notes:

N/A



Finding 297328 Main Photo

## Finding #4 Additional Finding Photos



Finding 297328 Additional Photo

## **Juror's Parking Lot**

### **Finding: 5**

**Parking lot has alligator cracking throughout. Difficult to identify accessible stalls and access isles due to faded paint/striping.**

*2010 ADAS Section Recommended*

*None*

#### **Citation:**

**2010 ADAS Section: Recommended**

#### **As Built:**

**Parking lot in need of repair**

#### **Recommendation:**

**Parking lot needs to be resurfaced and restriped. Also, the accessible parking stalls and isles need to have a maximum cross and running slope no greater than 2%.**

#### **Notes:**

**N/A**



## Finding #5 Additional Finding Photos



Finding 297329 Additional Photo

## **Juror's Parking Lot**

### **Finding: 6**

The striping and markings for the accessible parking stall, loading/unloading access aisle are dilapidated and in need of repair and/or maintenance.

*2010 ADAS Section 502.3.3*

*Access aisles shall be marked so as to discourage parking in them.*

#### **Citation:**

2010 ADAS Section: 502.3.3

#### **As Built:**

Dilapidated striping

#### **Recommendation:**

Parking lot in need of re-paving and re-striping. Difficult to identify the accessible parking stall and access isles due to dilapidated striping and deteriorating asphalt.

#### **Notes:**

N/A



Finding 297326 Main Photo

## **Access Ramp on Vermijo**

### **Finding: 7**

Access ramp is compliant. Recommend updating existing directional signage with " GROUND LEVEL ACCESS ALSO ON EAST SIDE OF BUILDING ON TEJON STREET " and placing additional signage on adjacent wall facing west.

*2010 ADAS Section Recommended*

*None*

#### **Citation:**

**2010 ADAS Section: Recommended**

#### **As Built:**

**Directional signage  
not visible**

#### **Recommendation:**

**N/A - Refer to Finding**

#### **Notes:**

**N/A**



Jury Assembly Room - W113

Finding: 8

The tactile sign is incorrectly located.

Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side.

2010 ADAS Section 703.4.2

Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

Citation:

2010 ADAS Section: 703.4.2

As Built:

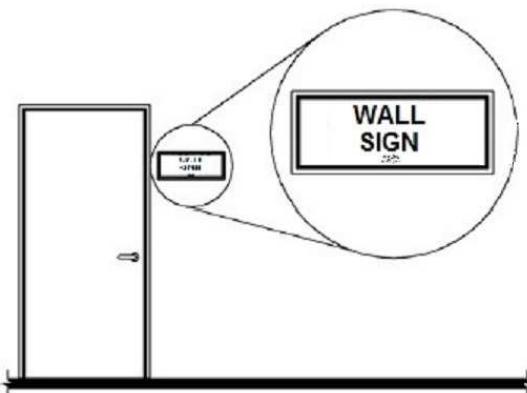
Signage is  
inappropriately  
located at doorway.

Recommendation:

Replace or add another sign to meet ADA: a). Signs that identify permanent rooms and spaces (room numbers, exit signs, and restrooms) are required to be provided in Braille, mounted at the latch side of doorway openings. Signs containing tactile characters shall be located so that a clear floor space of 18 inches minimum by 18 inches minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45-degree open position. The sign's baseline of the lowest character 48 inches above the floor and the baseline of the highest character is no more than 60 inches above the floor. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.38 of attach.

Notes:

Corrective Action: Work order # 323176 submitted for correction.



Finding 83328 Main Photo

## Jury Assembly Room - W113

### Finding: 9

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

Door opening force  
was 8 pounds  
pressure to open.

#### Recommendation:

Adjust to 5 lbs. maximum opening force: a). The door requires to be opened easily (5 pounds maximum force). Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.38 of attach.

#### Notes:

Corrective Action: Work order # 317461 submitted for correction. Automatic door opener installed, 3 Feb 2015.

**Finding #9 Continued**



Finding 83329 Main Photo

CORRECTED

## Jury Assembly Room - W113

### Finding: 10

The transaction counter provides for a parallel approach but does not provide a minimum clear width of 36 inches.

Transaction counters shall be 36 inches high and a minimum of 36 inches wide and should extend the same depth as the sales or service counter top.

2010 ADAS Section 904.4.1

*A portion of the counter surface that is 36 inches (915 mm) long minimum and 36 inches (915 mm) high maximum above the finish floor shall be provided. A clear floor or ground space complying with 305 shall be positioned for a parallel approach adjacent to the 36 inch (915 mm) minimum length of counter.*

#### Citation:

2010 ADAS Section: 904.4.1

#### As Built:

Area (Main Counter)  
is not wheelchair  
accessible. (Built  
2005)

#### Recommendation:

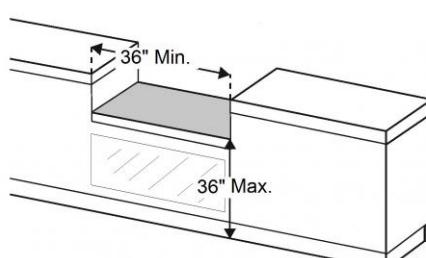
Install counter to meet ADA. a). Parallel Approach. A portion of the counter surface that is 36 inches long minimum and 36 inches high maximum above the finish floor shall be provided. A clear floor or ground space complying with 305 shall be positioned for a parallel approach adjacent to the 36-inch minimum length of counter. EXCEPTION: Where the provided counter surface is less than 36 inches long, the entire counter surface shall be 36 inches high maximum above the finish floor. Forward Approach. A portion of the counter surface that is 30 inches long minimum and 36 inches high maximum shall be provided. Knee and toe space complying with 306 shall be provided under the counter. A clear floor or ground space complying with 305 shall be positioned for a forward approach to the counter. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.77 of attach.

#### Notes:

Corrective Action: Work order # 325670 W113 MN Counter ADA Wheelchair submitted for correction.



Finding 83343 Main Photo



Jury Assembly Room - W113

Finding: 11

The public telephone is not accessible due to missing pictogram.

2010 ADAS Section 217.1

Where coin-operated public pay telephones, coinless public pay telephones, public closed-circuit telephones, public courtesy phones, or other types of public telephones are provided, public telephones shall be provided in accordance with 217 for each type of public telephone provided. For purposes of this section, a bank of telephones shall be considered to be two or more adjacent telephones.

Citation:

2010 ADAS Section: 217.1

As Built:

Public phone does not have a volume pictogram of a telephone handset with radiating sound waves. b). There was not at least one telephone that had a TTY. c). There were no signs that provided direction to public telephones also provided direction to the TTY.

Recommendation:

a). A pictogram will be attached to the provided public phone. Refer to attached link- ADA Checklist for Readily Achievable Barrier Removal, 4.14 of attach. Pictogram was attached.

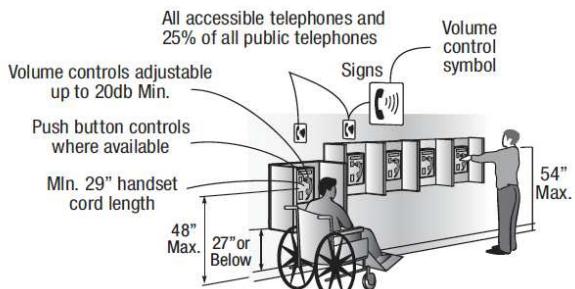
Notes:

CORRECTIVE ACTION: Pictogram was placed on phone, 3 Feb 2015.



Finding 83363 Main Photo

ACCESSIBLE TELEPHONES



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**Jury Assembly Room - W113**

**Finding: 12**

Provide "Accessible Restrooms" signage with the ISA (international symbol of accessibility) logo to inform the public of accessible restrooms inside the Jury Assembly room. These additional restrooms will add to the overall access to accessible restrooms due to the restroom's in the south tower are not fully compliant due to structural limitations.

*2010 ADAS Section Recommended*

*None*

**Citation:**

**2010 ADAS Section: Recommended**

**As Built:**

**Add accessible  
restrooms signage**

**Recommendation:**

**N/A - Refer to Finding**

**Notes:**

**N/A**



**Finding 297656 Main Photo**

## Jury Assembly Women's Restroom - W115

**Finding:** 13

Although automatic door openers are not required, it is highly recommended due to the amount of pedestrian traffic and the diverse age groups.

*2010 ADAS Section Recommended*

*None*

**Citation:**

2010 ADAS Section: Recommended

**As Built:**

No automatic door  
openers

### Recommendation:

It is highly recommended that automatic door openers be installed on the jury selection women's and men's restrooms. This is a high pedestrian traffic area and automatic door openers will benefit the enormous amounts of jurors attending daily with various disabilities and diverse age groups. A few comments were expressed to the staff in regards to the difficulty some jurors experience in opening the doors due to their medical equipment, disability and physical challenges.

### Notes:

Corrective Action: Work order #466560 submitted on 7/1/19



Finding 297135 Main Photo

## Jury Assembly Women's Restroom - W115

### Finding: 14

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

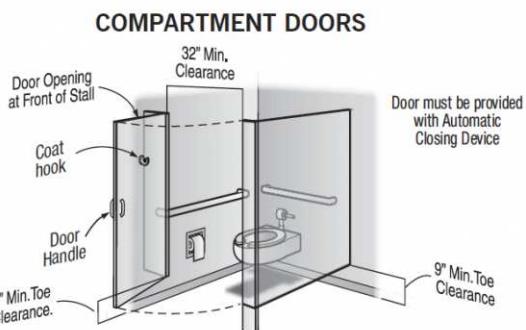
Not self closing

#### Recommendation:

N/A - Refer to Finding

#### Notes:

N/A



Finding 297139 Main Photo

## Jury Assembly Women's Restroom - W115

### Finding: 15

The toilet seat cover dispenser is mounted too high.

Dispensers must have operable parts a maximum of 48 inches above the floor. Toilet seat covers must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space that allows a side or forward approach.

2010 ADAS Section 308.1

Reach ranges shall comply with 308.

#### Citation:

2010 ADAS Section: 308.1

#### As Built:

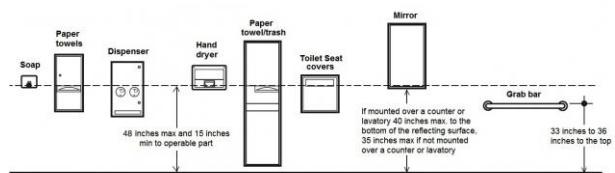
At 58.5 inches above  
finished floor

#### Recommendation:

N/A - Refer to Finding

#### Notes:

N/A



Finding 297140 Main Photo

## Jury Assembly Women's Restroom - W115

### Finding: 16

The toilet paper is not installed within the compliant range in front of the toilet.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

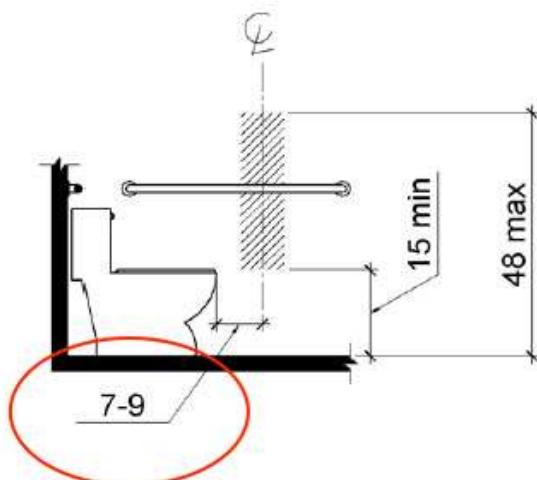
12 inches from front  
of toilet

#### Recommendation:

N/A - Refer to Finding

#### Notes:

N/A



Finding 297142 Main Photo

## Jury Assembly Women's Restroom - W115

### Finding: 17

The coat hook is installed greater than 48 inches above the finished floor.

Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum above the finished floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

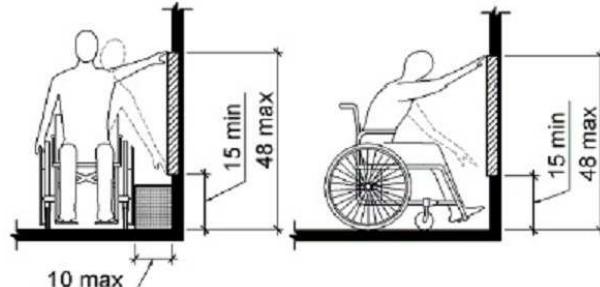
53.5 inches above  
finished floor

#### Recommendation:

N/A - Refer to Finding

#### Notes:

N/A



Finding 297143 Main Photo

## Jury Assembly Women's Restroom - W115

### Finding: 18

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

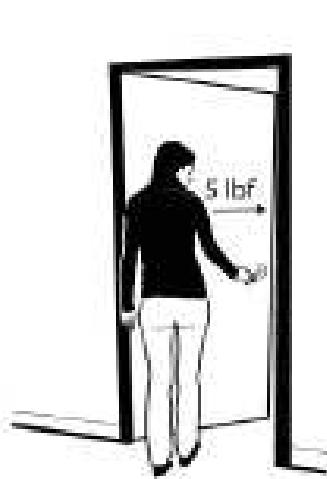
14 lbs opening force

#### Recommendation:

Adjust women's restroom door opener not to exceed 5 lbs of force to open.

#### Notes:

Corrective Action: Work order # submitted on



Finding 297137 Main Photo

**Jury Assembly Women's Restroom - W115**

**Finding: 19**

**Soft drink vending machine obstructs entrance to women's restroom.**

*2010 ADAS Section Recommended  
None*

**Citation:**

**2010 ADAS Section: Recommended**

**As Built:**

**Re-locate soft drink  
vending machine**

**Recommendation:**

Please re-locate soft drink vending machine at least one 2 feet away from women's restroom tactile identification sign to provide required clear floor space in front of the identification sign.

**Notes:**

Corrective action:



**Finding 297144 Main Photo**

## Jury Assembly Women's Restroom - W115

### Finding: 20

The water closet compartment door is missing a loop handle.

Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

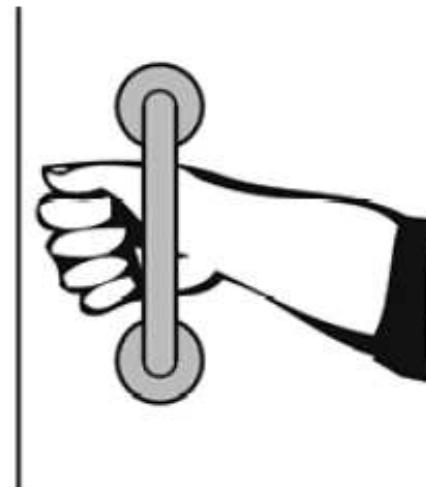
Compartiment door  
missing loop handles

#### Recommendation:

Install loop or U-shape handles on the inside and outside of the compartment door.

#### Notes:

N/A



Finding 297727 Main Photo

## Jury Assembly Men's Restroom - W115

### Finding: 21

Although automatic door openers are not required, it is highly recommended due to the amount of pedestrian traffic and the diverse age groups.

2010 ADAS Section Recommended

None

#### Citation:

2010 ADAS Section: Recommended

#### As Built:

No automatic door  
openers

#### Recommendation:

It is highly recommended that automatic door openers be installed on the jury selection women's and men's restrooms. This is a high pedestrian traffic area and automatic door openers will benefit the enormous amounts of jurors attending daily with various disabilities and diverse age groups. A few comments were expressed to the staff in regards to the difficulty some jurors experience in opening the doors due to their medical equipment, disability and physical challenges.

#### Notes:

Corrective Action: Work order #466561 submitted on 7/1/19



Finding 297136 Main Photo

## Jury Assembly Men's Restroom - W115

Finding: 22

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

### Citation:

2010 ADAS Section: 404.2.9

### As Built:

Door opening force  
was 8 pounds  
pressure to open.

### Recommendation:

Adjust to 5 lbs. maximum opening force. The door requires to be opened easily (5 pounds maximum force). Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.11 of attach.

### Notes:

Corrective Action: Work order # 326023

submitted for correction. Corrected on 2 April 2015.



Finding 83379 Main Photo

## Jury Assembly Men's Restroom - W115

### Finding: 23

The door is equipped with a door closer and returns to a closed position too quickly.

Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

2010 ADAS Section 404.2.8.1

Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

#### Citation:

2010 ADAS Section: 404.2.8.1

#### As Built:

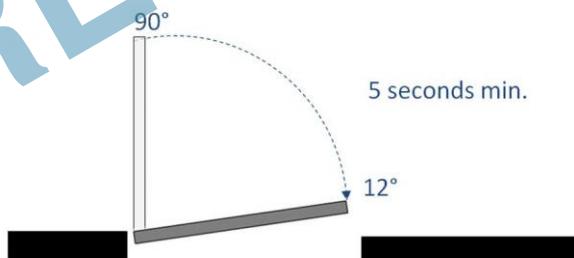
Restroom door entrance closer takes 3.9 seconds to close.

#### Recommendation:

Adjust door closer to a minimum of 5 seconds or more. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.12 of attach.

#### Notes:

Corrective Action: Work order # 326016 submitted for correction. Corrected on 2 April 2015.



Finding 83381 Main Photo

Jury Assembly Men's Restroom - W115

Finding: 24

The coat hook is installed greater than 48 inches above the finished floor.

Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum above the finished floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

Citation:

2010 ADAS Section: 308.2.1

As Built:

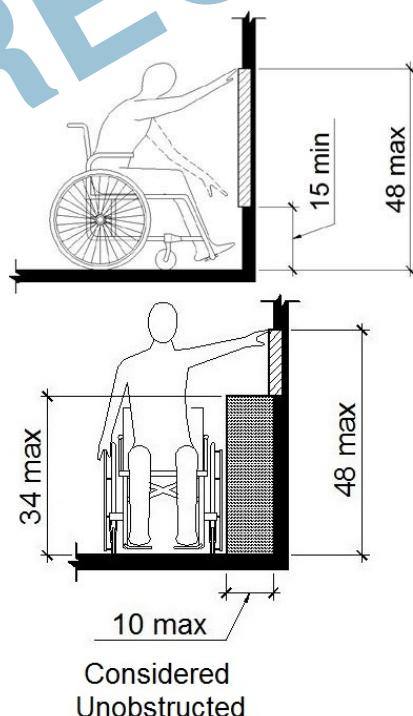
Stall coat hook on stall door measured at 53 inches above the floor

Recommendation:

Adjust hook or replace with additional accessible hook. Hook must be no less than 15 inches and no greater than 48 inches above the floor. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.20 of attach.

Notes:

Corrective Action: Work order # 326185 submitted for correction. Corrected on 15 April 2015.



Finding 83408 Main Photo

Jury Assembly Men's Restroom - W115

**Finding: 25**

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

**Citation:**

2010 ADAS Section: 308.2.1

**As Built:**

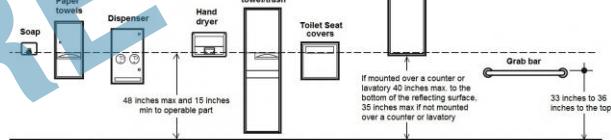
Paper towel dispenser  
(motion control) was  
49½ inches above the  
floor.

**Recommendation:**

Unobstructed: Where a forward reach is unobstructed; the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the finish floor or ground. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.29 of attach.

**Notes:**

**CORRECTIVE ACTION:** Work order # 326197 was submitted to correct height. Corrected on 15 April 2015.



Finding 83425 Main Photo

Jury Assembly Men's Restroom - W115

Finding: 26

The rear grab bar is not a minimum 36 inches in length.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface and the space between the grab bar and the top of the tank (any obstruction) shall be 1-1/2 inches minimum.

2010 ADAS Section 604.5.2

*The rear wall grab bar shall be 36 inches (915 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.*

Citation:

2010 ADAS Section: 604.5.2

As Built:

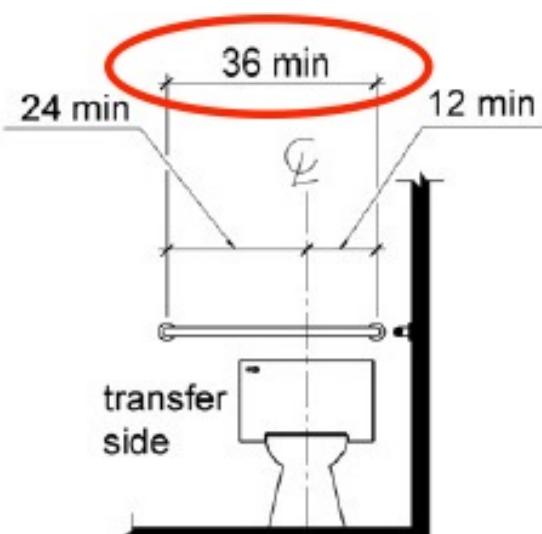
The rear grab bar is inaccessible because its overall length is 34 inches and only extended 18 inches on the other (open) side.

Recommendation:

The rear wall grab bar shall be 36 inches long minimum and extend from the centerline of the water closet 12 inches minimum on one side and 24 inches minimum on the other side with the closer end no more than 6 inches from the sidewall. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.34 of attach.

Notes:

Corrective Action: Work order # 328537 was submitted to relocate grab bar. Replaced bars, caulked, tile holes, 22 Sep 2015.



Finding 83438 Main Photo

## Jury Assembly Men's Restroom - W115

### Finding: 27

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

Toilet paper dispenser measured at 11 inches from the front of the water closet (toilet) to the centerline of the dispenser.

#### Recommendation:

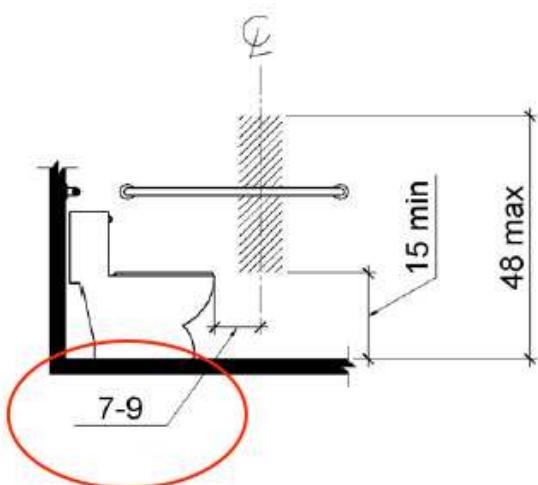
Toilet paper dispensers shall comply with 309.4 and shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches maximum above the finish floor and shall not be located behind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

ADA Checklist for Readily Achievable Barrier Removal, 3.38 of attach.

#### Notes:

Corrective Action: Work order # 328345 was submitted to relocate dispenser. Corrected on 16 April 2015.

Finding #27 Continued



Finding 83439 Main Photo

CORRECTED

Jury Assembly Men's Restroom - W115

Finding: 28

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

Citation:

2010 ADAS Section: 604.8.1.2

As Built:

Toilet compartment  
(stall) door is not self-  
closing.

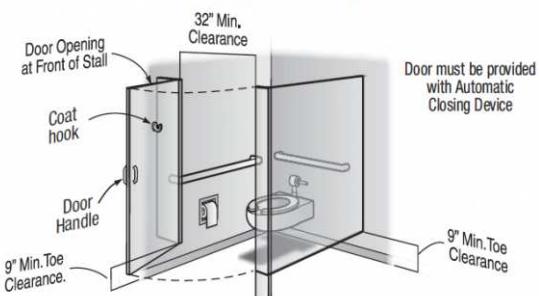
Recommendation:

Where located in the side wall or partition, the door opening shall be 4 inches maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.43 of attach.

Notes:

Corrective Action: Work order # 328346 was submitted to add or closer or replace door. Corrected on 16 April 2015.

COMPARTMENT DOORS



**Jury Assembly Men's Restroom - W115**

**Finding: 29**

The water closet compartment door is missing a loop handle.

Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

2010 ADAS Section: 604.8.1.2

**As Built:**

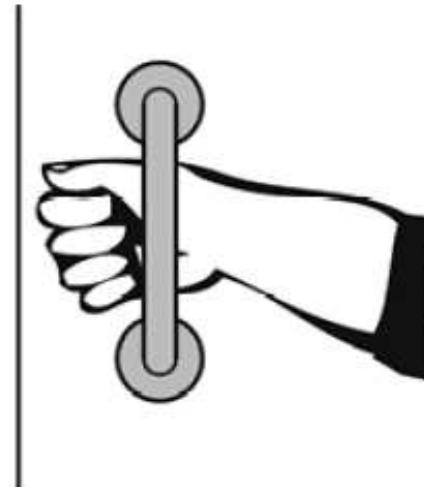
Compartment door  
missing loop handles

**Recommendation:**

Install loop or U-shape handles on the inside and outside of the compartment door.

**Notes:**

N/A



Finding 297728 Main Photo

Jury Assembly Men's Restroom - W115

Finding: 30

Knee clearance at 27 inches off the floor is not 8 inches minimum deep.

The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.3

Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

Citation:

2010 ADAS Section: 306.3.3

As Built:

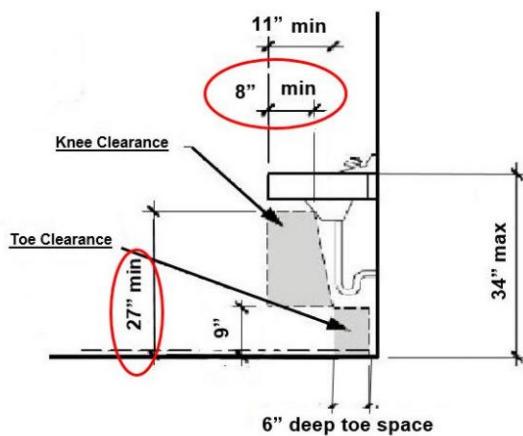
There was 21½ inches of clearance from the floor to the bottom of the lavatory sink that extended at least 8 inches under for knee clearance. (Built 2005)

Recommendation:

Minimum Required Depth: Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches deep minimum at 9 inches above the finish floor or ground, and 8 inches deep minimum at 27 inches above the finish floor or ground. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.24 of attach.

Notes:

CORRECTIVE ACTION: Removed panels for clearance and Piping extend 3 feet from edge of counter.



Finding 83417 Main Photo

## Men's Restroom - W142

### Finding: 31

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

Door opening force  
was 10 pounds  
pressure to open.

#### Recommendation:

Adjust to 5 lbs. maximum opening force. a). The door requires to be opened easily (5 pounds maximum force). Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.11 of attach.

#### Notes:

Corrective Action: Work order # 328521 submitted for correction. Corrected on 27 April 2015.



## Men's Restroom - W142

### Finding: 32

The door is equipped with a door closer and returns to a closed position too quickly.

Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

2010 ADAS Section 404.2.8.1

Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

#### Citation:

2010 ADAS Section: 404.2.8.1

#### As Built:

Men's restroom entrance door closer takes 2.5 seconds to close.

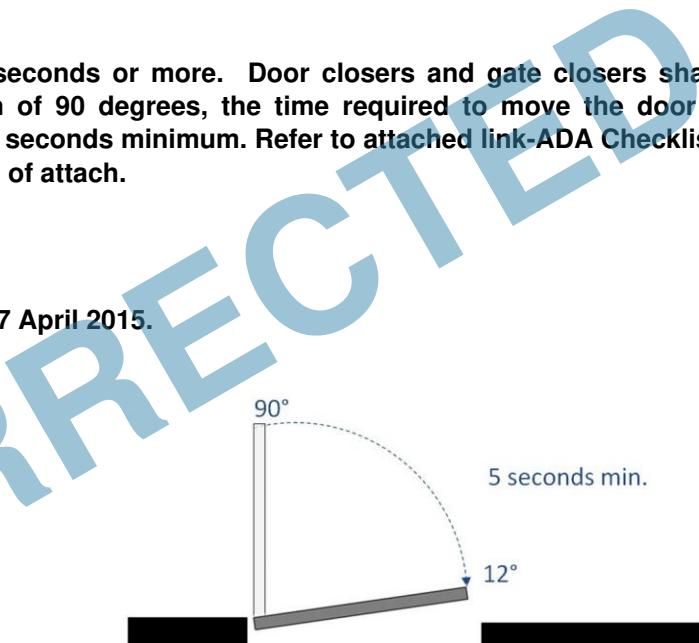
#### Recommendation:

Adjust door closer to a minimum of 5 seconds or more. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.12 of attach.

#### Notes:

Corrective Action: Work order #328521

submitted for correction. Corrected on 27 April 2015.



Finding 83442 Main Photo

Men's Restroom - W142

Finding: 33

The coat hook is installed greater than 48 inches above the finished floor.

Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum above the finished floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

Citation:

2010 ADAS Section: 308.2.1

As Built:

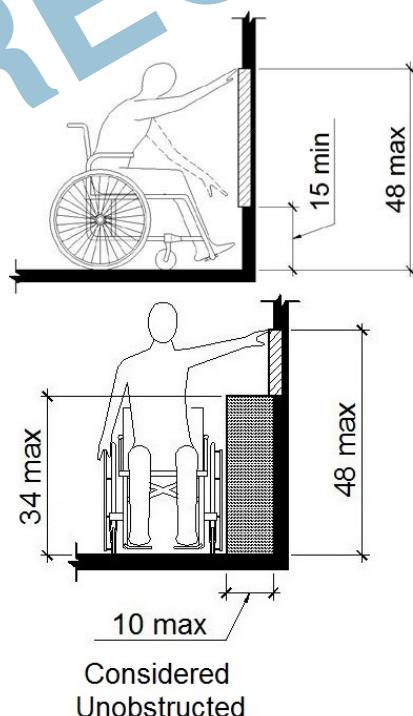
Stall coat hook on stall door measured at 54 inches above the floor

Recommendation:

Adjust hook or replace with additional accessible hook. Hook must be no less than 15 inches and no greater than 48 inches above the floor. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.20 of attach.

Notes:

Corrective Action: Work order # 328540 submitted for correction. Corrected on 27 April 2015.



Finding 83443 Main Photo

Men's Restroom - W142

Finding: 34

The rear grab bar is not a minimum 36 inches in length.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface and the space between the grab bar and the top of the tank (any obstruction) shall be 1-1/2 inches minimum.

2010 ADAS Section 604.5.2

*The rear wall grab bar shall be 36 inches (915 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.*

Citation:

2010 ADAS Section: 604.5.2

As Built:

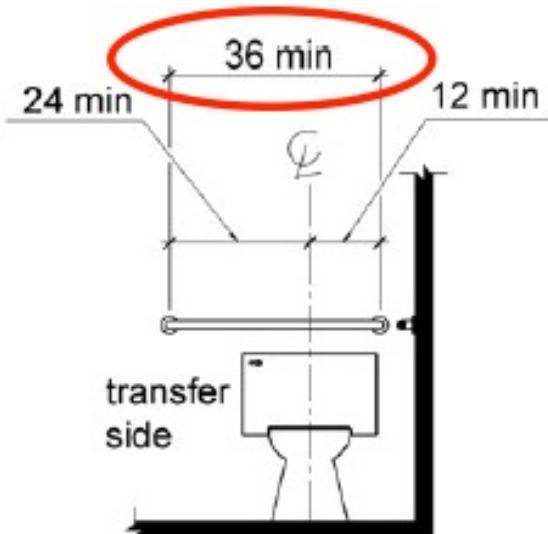
The rear grab bar is inaccessible because its overall length is 34 inches and only extended 18 inches on the other (open) side.

Recommendation:

The rear wall grab bar shall be 36 inches long minimum and extend from the centerline of the water closet 12 inches minimum on one side and 24 inches minimum on the other side with the closer end no more than 6 inches from the sidewall. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.34 of attach.

Notes:

Corrective Action: Work order # 328537 was submitted to relocate grab bar. Correceted 22 Sep 2015.



Men's Restroom - W142

**Finding:** 35

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

*2010 ADAS Section 604.7*

*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.*

**Citation:**

2010 ADAS Section: 604.7

**As Built:**

Toilet paper dispenser measured at 11 inches from the front of the water closet (toilet) to the centerline of the dispenser.

**Recommendation:**

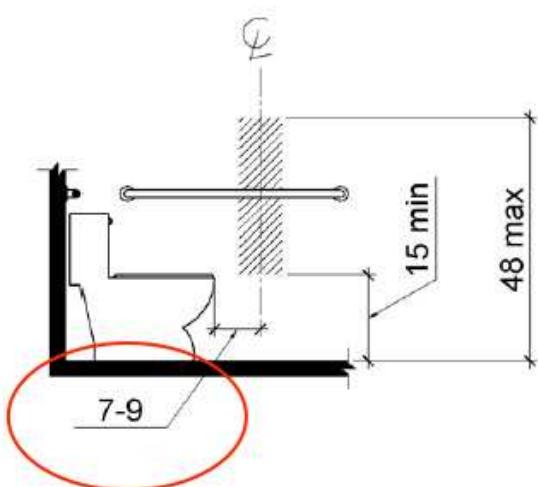
Toilet paper dispensers shall comply with 309.4 and shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches maximum above the finish floor and shall not be located behind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

ADA Checklist for Readily Achievable Barrier Removal, 3.38 of attach.

**Notes:**

Corrective Action: Work order # 328522 was submitted to relocate dispenser. Corrected on 27 April 2015.

Finding #35 Continued



Finding 83445 Main Photo

CORRECTED

Men's Restroom - W142

Finding: 36

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

Citation:

2010 ADAS Section: 604.8.1.2

As Built:

Toilet compartment  
(stall) door is not self-  
closing.

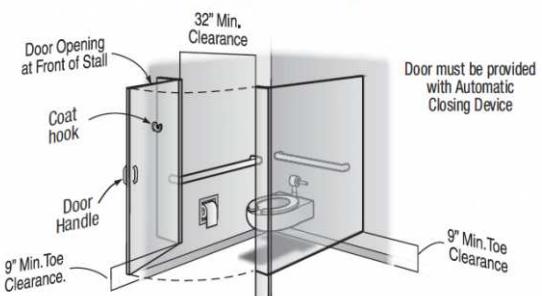
Recommendation:

Where located in the side wall or partition, the door opening shall be 4 inches maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.43 of attach.

Notes:

Corrective Action: Work order # 328346 was submitted to add or closer or replace door. Corrected on 27 April 2015.

COMPARTMENT DOORS



**Courtroom - W160**

**Finding: 37**

The witness stand is not accessible because it does not allow for a forward or side approach and is not on an accessible route.

An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space that allows a side or forward approach.

*2010 ADAS Section 309.2*

*A clear floor or ground space complying with 305 shall be provided.*

**Citation:**

**2010 ADAS Section: 309.2**

**As Built:**

An interior accessible route was not available. Witness stand accessible with no slope. Per Court Administrator Memo: ADA access-for-witness. Program accessibility is made available for wheelchair users and/or as necessary for those with disabilities by scheduling, planning, and using the following locations outlined in Memo

**Recommendation:**

Reference#1. Each courtroom must be accessible. Jury boxes, witness stands and jury deliberation areas must be accessible. Judges benches and other employee work stations must be accessible, but raised courtroom work stations are not required to provide ramps or lifts at the time of construction as long as the space

has been designed to permit the future addition of a ramp or lift without substantial reconstruction. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.2, & 2.6 of attach. Interim measure in place as per Memo. Finding identified on Transition Plan for correction during alteration/construction.

**Notes:**

Corrective Action: Work order 333747 was submitted for correction during next alteration or new construction. Interim measure in place as per Memo. Finding identified on Transition Plan for correction during alteration/construction.

**Finding #37 Continued**

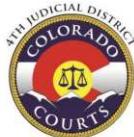


**Finding 83486 Main Photo**

**Finding #37 - Attached Document - ADAaccess-for-witness**

*Office of the District Administrator  
Fourth Judicial District of Colorado*

270 S. Tejon Street #S410  
Colorado Springs, Colorado, 80903  
719-452-5270 FAX 719-452-5008  
[Danny.davis@judicial.state.co.us](mailto:Danny.davis@judicial.state.co.us)



To: Robert Hernandez  
From: Danny Davis  
Subject: Courtroom Accommodations for witnesses

Date: June 4, 2015

Mr. Hernandez:

In regards to individuals that need wheelchair access to the witness stand, it is our practice to move the proceedings to one of the courtrooms that has wheelchair accessible witness stand.

Sincerely,

A handwritten signature of Danny Davis.

Danny Davis  
District Administrator, 4<sup>th</sup> Judicial District

Courtroom - W160

Finding: 38

The tactile sign is incorrectly located.

Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall.

2010 ADAS Section 703.4.2

Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

Citation:

2010 ADAS Section: 703.4.2

As Built:

Sign with tactile characters was not mounted on the right of the right leaf (double doors w/two active leaves) side of the door.

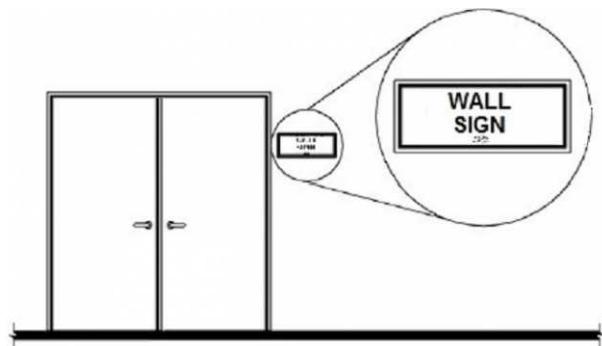
Recommendation:

Height Above Finish Floor or Ground. Tactile characters on signs shall be located 48 inches minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60 inches maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.38 of attach.

Notes:

Corrective Action: Work order # 331827 was submitted to add sign to the wall to the right of the right leaf. Added additional sign to right-side of latch, 15 Jul 2015.

Finding #38 Continued



Finding 83487 Main Photo

CORRECTED

Courtroom - W160

Finding: 39

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

**Citation:**

2010 ADAS Section: 404.2.9

**As Built:**

Door opening force  
was 8 pounds  
pressure to open.

**Recommendation:**

Adjust to 5 lbs. maximum opening force. a). The door requires to be opened easily (5 pounds maximum force). Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 245 of attach.

**Notes:**

Corrective Action: Work order # 331826 submitted for correction. Adjusted door closers, 11 Sep 2015.



Courtroom - W160

**Finding:** 40

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

**Citation:**

2010 ADAS Section: 404.2.8.1

**As Built:**

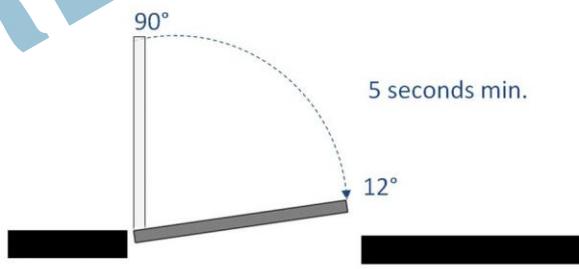
Men's restroom  
entrance door closer  
takes 3.9 seconds to  
close.

**Recommendation:**

Adjust door closer to a minimum of 5 seconds or more. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.46 of attach. Adjusted door closers, 11 Sep 2015.

**Notes:**

Corrective Action: Work order #331826  
submitted for correction. Adjusted door closers, 11 Sep 2015.



Room W200

**Finding: 41**

Currently, an employee of the probation office is in a wheel chair and is having difficulty in entering the probation office due to the weight of the door and the 10 lbs of force required to open the door.

*2010 ADAS Section Recommended*

*None*

**Citation:**

**2010 ADAS Section: Recommended**

**As Built:**

Probation office  
Room W200 public  
entrance.

**Recommendation:**

It is highly recommended that an automatic door opener be installed not just for the accommodation for the employee/s but for the public as well. This is a high pedestrian traffic area and an automatic door opener will benefit not just individuals with disabilities but also delivery and medical personnel, individuals with strollers, office furniture moving personnel, etc.

**Notes:**

Corrective Action: Work order # 434690 completed 8/31/18.

CORRECTED

Room W200

**Finding:** 42

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

**Citation:**

2010 ADAS Section: 404.2.9

**As Built:**

10 lbs opening force.

**Recommendation:**

Corrective Action:

**Notes:**

Corrective Action:



## Room W200

### Finding: 43

The tactile sign is incorrectly located.

Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall.

#### 2010 ADAS Section 703.4.2

Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

#### Citation:

2010 ADAS Section: 703.4.2

#### As Built:

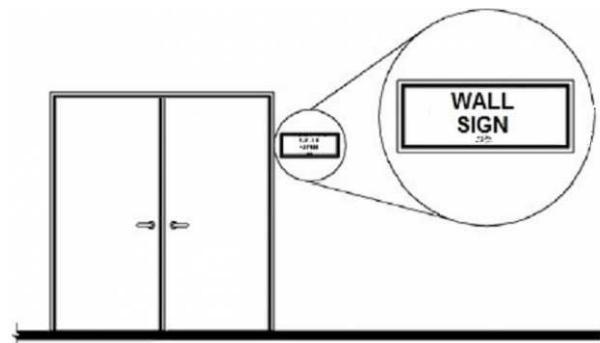
Located on the left side of doors.

#### Recommendation:

Remove and install sign on adjacent side wall to the right of the doors when facing entrance.

#### Notes:

#### Corrective Action:



Finding 293460 Main Photo

**Cafe**

**Finding: 44**

**Food/tray counters have been obstructed with merchandise, shelving and displays.**

**Food/tray counters shall be free from clutter to allow unobstructed flow of food tray.**

*2010 ADAS Section Recommended*

*None*

**Citation:**

**2010 ADAS Section: Recommended**

**As Built:**

**Food/tray counters  
obstructed**

**Recommendation:**

**Remove items from food/tray counters**

**Notes:**

**N/A**



**Cafe**

**Finding: 45**

**Cashier counter has been obstructed with merchandise and displays.**

**Cashier counters shall be free from clutter to allow unobstructed flow of food tray.**

*2010 ADAS Section Recommended*

*None*

**Citation:**

**2010 ADAS Section: Recommended**

**As Built:**

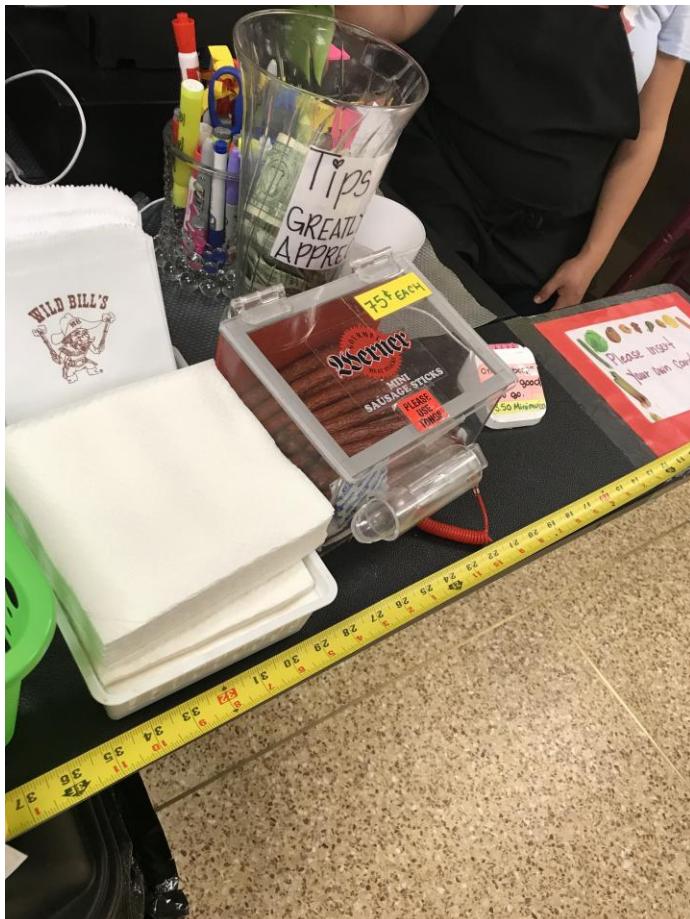
**Cashier counter obstructed**

**Recommendation:**

**Remove items from cashier counter**

**Notes:**

**N/A**



**Cafe**

**Finding: 46**

**Circulation areas have been obstructed with merchandise, shelving and displays.**

**Circulation aisles shall not be less than 36 inches in clear width.**

*2010 ADAS Section 904.2*

*All portions of counters required to comply with 904 shall be located adjacent to a walking surface complying with 403.*

**Citation:**

**2010 ADAS Section: 904.2**

**As Built:**

**Circulation isles 28 -  
32 inches in width**

**Recommendation:**

**Re-configure circulation isles to provide the minimum 36 inches in width.**

**Notes:**

N/A



## **South Tower Drinking Fountain Basement**

### **Finding: 47**

The drinking fountain is not accessible.

Drinking fountains must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space centered on the unit that allows a forward approach to the drinking fountain.

At "hi-low" type fountains, the center line of the 30 inch by 48 inch clear floor space must be centered on the "low" fountain. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground.

All drinking fountains shall be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. An alcove must not be less than 32 inches in width and 18 inches in depth. Wing walls must project out from the supporting wall at least as far as the drinking fountain.

*2010 ADAS Section 403.5.1*

*Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.*

#### **Citation:**

**2010 ADAS Section: 403.5.1**

#### **As Built:**

Eastside drinking fountain was not accessible. A. Bottom leading edge measured at 35 inches. B. Spout outlet was 42½ inches above the floor. C. Spout was 8½ inches from the rear of the drinking fountain. D. Front of fountain protruded 6 inches into the circulation path.

#### **Recommendation:**

Provide a cup holder at this fountain if set of hi-lo drinking fountains cannot be provided. However, the hi-lo fountain is preferred. A. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor. B. Spout outlets shall be 36 inches maximum above the finish floor or ground. C. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. E. Ground shall protrude 4 inches maximum horizontally into the circulation path. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.8, 4.5, 4.6, 4.7, 4.9 of attach.

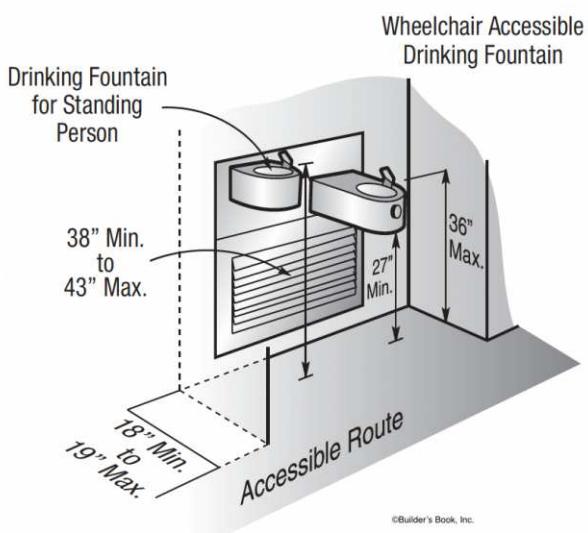
#### **Notes:**

**Corrective Action:** Work order # 331920 submitted for correction. Installed cup holder dispensers on 8 Sep, 2015 (Temporary measure).

## Finding #47 Continued



DRINKING FOUNTAINS



Finding 83492 Main Photo

## Finding #47 Additional Finding Photos



Finding 83492 Additional Photo

## **South Tower Drinking Fountain Basement**

### **Finding: 48**

The drinking fountain is not accessible.

Drinking fountains must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space centered on the unit that allows a forward approach to the drinking fountain.

At "hi-low" type fountains, the center line of the 30 inch by 48 inch clear floor space must be centered on the "low" fountain. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground.

All drinking fountains shall be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. An alcove must not be less than 32 inches in width and 18 inches in depth. Wing walls must project out from the supporting wall at least as far as the drinking fountain.

*2010 ADAS Section 403.5.1*

*Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.*

#### **Citation:**

**2010 ADAS Section: 403.5.1**

#### **As Built:**

Westside drinking fountain was not accessible. A. Bottom leading edge measured at 34 inches. B. Spout outlet was 42 inches above the floor. C. Spout was 8½ inches from the rear of the drinking fountain. D. Front of fountain protruded 6 inches into the circulation path.

#### **Recommendation:**

Provide a cup holder at this fountain if set of hi-lo drinking fountains cannot be provided. However, the hi-lo fountain is preferred. A. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor. B. Spout outlets shall be 36 inches maximum above the finish floor or ground. C. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. E. Ground shall protrude 4 inches maximum horizontally into the circulation path. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.8, 4.5, 4.6, 4.7, 4.9 of attach.

#### **Notes:**

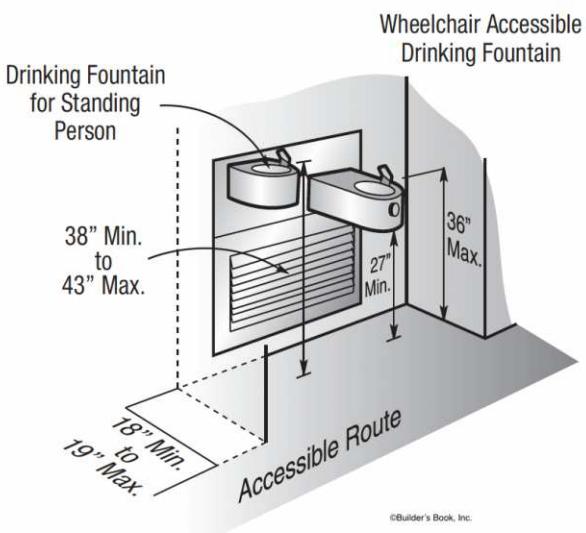
**Corrective Action:** Work order # 331920 submitted for correction. Installed cup holder dispensers on 8 Sep 2015 (Temporary measure).

## Finding #48 Continued



Finding 83569 Main Photo

### DRINKING FOUNTAINS



## **South Tower Drinking Fountain 1st Floor**

### **Finding: 49**

The drinking fountain is not accessible.

Drinking fountains must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space centered on the unit that allows a forward approach to the drinking fountain.

At "hi-low" type fountains, the center line of the 30 inch by 48 inch clear floor space must be centered on the "low" fountain. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground.

All drinking fountains shall be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. An alcove must not be less than 32 inches in width and 18 inches in depth. Wing walls must project out from the supporting wall at least as far as the drinking fountain.

*2010 ADAS Section 403.5.1*

*Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.*

### **Citation:**

**2010 ADAS Section: 403.5.1**

### **As Built:**

Eastside drinking fountain was not accessible. A. Bottom leading edge measured at 32½ inches. B. Spout outlet was 40 inches above the floor. C. Spout was 7 inches from the rear of the drinking fountain. D. Front of fountain protruded 5½ inches into the circulation path.

### **Recommendation:**

Provide a cup holder at this fountain if set of hi-lo drinking fountains cannot be provided. However, the hi-lo fountain is preferred. A. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor. B. Spout outlets shall be 36 inches maximum above the finish floor or ground. C. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. E. Ground shall protrude 4 inches maximum horizontally into the circulation path. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.8, 4.5, 4.6, 4.7, 4.9 of attach.

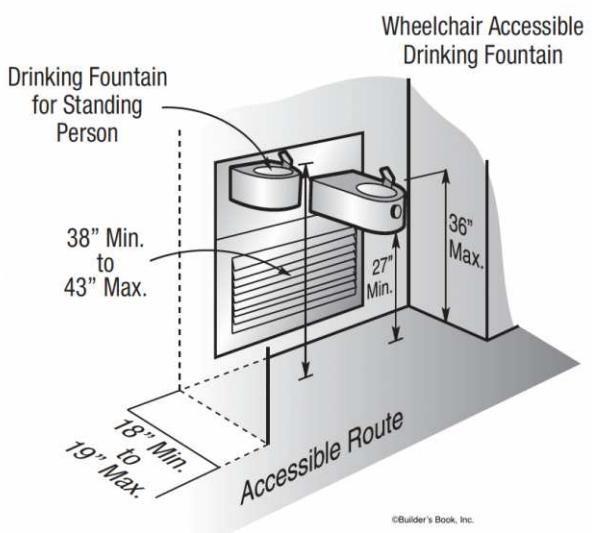
### **Notes:**

**Corrective Action:** Work order # 331920 submitted for correction. Installed cup holder dispensers on 8 Sep 2015 (Temporary measure).

## Finding #49 Continued



### DRINKING FOUNTAINS



Finding 83589 Main Photo

## **South Tower Drinking Fountain 1st Floor**

### **Finding: 50**

The drinking fountain is not accessible.

Drinking fountains must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space centered on the unit that allows a forward approach to the drinking fountain.

At "hi-low" type fountains, the center line of the 30 inch by 48 inch clear floor space must be centered on the "low" fountain. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground.

All drinking fountains shall be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. An alcove must not be less than 32 inches in width and 18 inches in depth. Wing walls must project out from the supporting wall at least as far as the drinking fountain.

*2010 ADAS Section 403.5.1*

*Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.*

### **Citation:**

**2010 ADAS Section: 403.5.1**

### **As Built:**

Westside drinking fountain was not accessible. A. Bottom leading edge measured at 33 inches. B. Spout outlet was 41 inches above the floor. C. Spout was 7 inches from the rear of the drinking fountain. D. Front of fountain protruded 5½ inches into the circulation path.

### **Recommendation:**

Provide a cup holder at this fountain if set of hi-lo drinking fountains cannot be provided. However, the hi-lo fountain is preferred. A. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor. B. Spout outlets shall be 36 inches maximum above the finish floor or ground. C. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. E. Ground shall protrude 4 inches maximum horizontally into the circulation path. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.8, 4.5, 4.6, 4.7, 4.9 of attach.

### **Notes:**

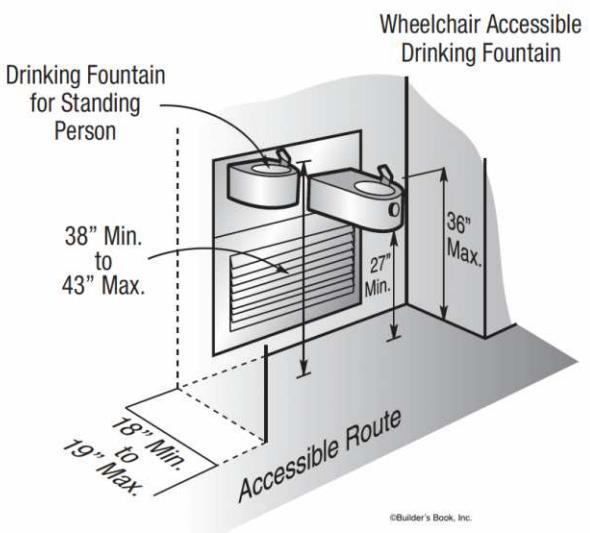
**Corrective Action:** Work order # 331920 submitted for correction. Installed cup holder dispensers on 8 Sep 2015 (Temporary measure).

## Finding #50 Continued



Finding 83590 Main Photo

### DRINKING FOUNTAINS



## **South Tower Drinking Fountain 2nd Floor**

### **Finding: 51**

The drinking fountain is not accessible.

Drinking fountains must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space centered on the unit that allows a forward approach to the drinking fountain.

At "hi-low" type fountains, the center line of the 30 inch by 48 inch clear floor space must be centered on the "low" fountain. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground.

All drinking fountains shall be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. An alcove must not be less than 32 inches in width and 18 inches in depth. Wing walls must project out from the supporting wall at least as far as the drinking fountain.

*2010 ADAS Section 403.5.1*

*Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.*

### **Citation:**

**2010 ADAS Section: 403.5.1**

### **As Built:**

Eastside drinking fountain was not accessible. A. Bottom leading edge measured at 33 inches. B. Spout outlet was 41 inches above the floor. C. Spout was 8½ inches from the rear of the drinking fountain. D. Front of fountain protruded 5½ inches into the circulation path.

### **Recommendation:**

Provide a cup holder at this fountain if set of hi-lo drinking fountains cannot be provided. However, the hi-lo fountain is preferred. A. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor. B. Spout outlets shall be 36 inches maximum above the finish floor or ground. C. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. E. Ground shall protrude 4 inches maximum horizontally into the circulation path. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.8, 4.5, 4.6, 4.7, 4.9 of attach.

### **Notes:**

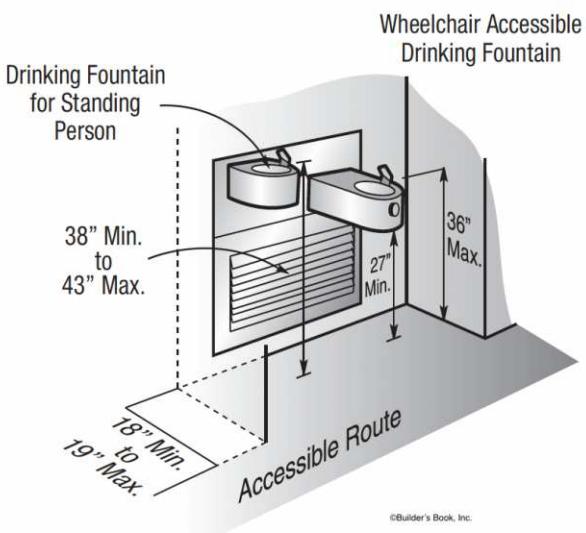
**Corrective Action:** Work order # 331920 submitted for correction. Installed cup holder dispensers on 8 Sep 2015 (Temporary measure).

## Finding #51 Continued



Finding 83591 Main Photo

### DRINKING FOUNTAINS



## **South Tower Drinking Fountain 2nd Floor**

### **Finding: 52**

The drinking fountain is not accessible.

Drinking fountains must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space centered on the unit that allows a forward approach to the drinking fountain.

At "hi-low" type fountains, the center line of the 30 inch by 48 inch clear floor space must be centered on the "low" fountain. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground.

All drinking fountains shall be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. An alcove must not be less than 32 inches in width and 18 inches in depth. Wing walls must project out from the supporting wall at least as far as the drinking fountain.

*2010 ADAS Section 403.5.1*

*Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.*

#### **Citation:**

**2010 ADAS Section: 403.5.1**

#### **As Built:**

Westside drinking fountain was not accessible. A. Bottom leading edge measured at 33 inches. B. Spout outlet was 41 inches above the floor. C. Spout was 8½ inches from the rear of the drinking fountain. D. Front of fountain protruded 5½ inches into the circulation path. E. Force was 7 pounds to activate the control.

#### **Recommendation:**

Provide a cup holder at this fountain if set of hi-lo drinking fountains cannot be provided. However, the hi-lo fountain is preferred. A. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor. B. Spout outlets shall be 36 inches maximum above the finish floor or ground. C. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. E. Ground shall protrude 4 inches maximum horizontally into the circulation path. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.8, 4.5, 4.6, 4.7, 4.9 of attach.

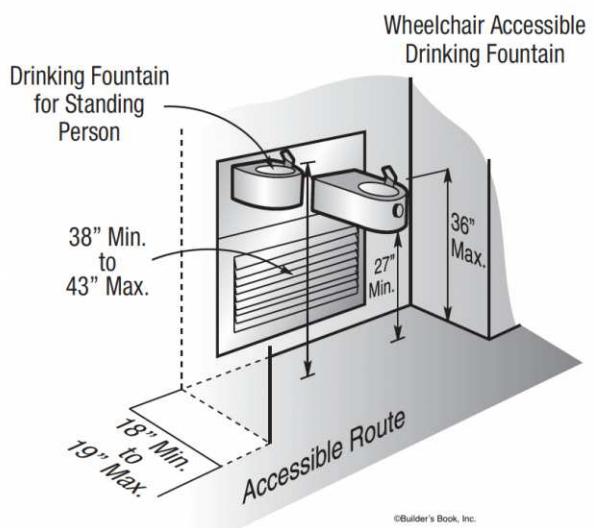
#### **Notes:**

Corrective Action: Work order # 331920 submitted for correction. Installed cup holder dispensers on

8 Sep 2015 (Temporary measure).



### DRINKING FOUNTAINS



Finding 83592 Main Photo

## **South Tower Drinking Fountain 3rd Floor**

### **Finding: 53**

The drinking fountain is not accessible.

Drinking fountains must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space centered on the unit that allows a forward approach to the drinking fountain.

At "hi-low" type fountains, the center line of the 30 inch by 48 inch clear floor space must be centered on the "low" fountain. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground.

All drinking fountains shall be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. An alcove must not be less than 32 inches in width and 18 inches in depth. Wing walls must project out from the supporting wall at least as far as the drinking fountain.

*2010 ADAS Section 403.5.1*

*Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.*

#### **Citation:**

**2010 ADAS Section: 403.5.1**

#### **As Built:**

Eastside drinking fountain was not accessible. A. Bottom leading edge measured at 33 inches. B. Spout outlet was 41 inches above the floor. C. Spout was 8½ inches from the rear of the drinking fountain. D. Front of fountain protruded 6 inches into the circulation path. E. Force was 6 pounds to activate the control.

#### **Recommendation:**

Provide a cup holder at this fountain if set of hi-lo drinking fountains cannot be provided. However, the hi-lo fountain is preferred. A. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor. B. Spout outlets shall be 36 inches maximum above the finish floor or ground. C. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. E. Ground shall protrude 4 inches maximum horizontally into the circulation path. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.8, 4.5, 4.6, 4.7, 4.9 of attach.

#### **Notes:**

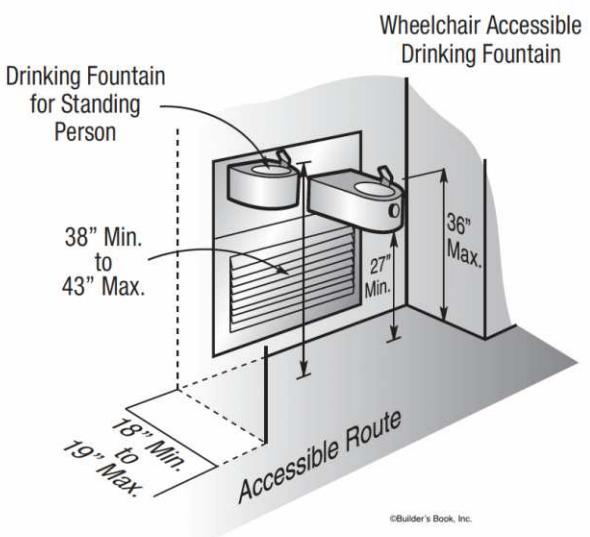
Corrective Action: Work order # 331920 submitted for correction. Installed cup holder dispensers on

8 Sep 2015 (Temporary measure).



Finding 83620 Main Photo

### DRINKING FOUNTAINS



## **South Tower Drinking Fountain 3rd Floor**

### **Finding: 54**

The drinking fountain is not accessible.

Drinking fountains must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space centered on the unit that allows a forward approach to the drinking fountain.

At "hi-low" type fountains, the center line of the 30 inch by 48 inch clear floor space must be centered on the "low" fountain. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground.

All drinking fountains shall be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. An alcove must not be less than 32 inches in width and 18 inches in depth. Wing walls must project out from the supporting wall at least as far as the drinking fountain.

*2010 ADAS Section 403.5.1*

*Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.*

### **Citation:**

**2010 ADAS Section: 403.5.1**

### **As Built:**

Westside drinking fountain was not accessible. A. Bottom leading edge measured at 33 inches. B. Spout outlet was 41 inches above the floor. C. Spout was 8½ inches from the rear of the drinking fountain. D. Front of fountain protruded 5½ inches into the circulation path.

### **Recommendation:**

Provide a cup holder at this fountain if set of hi-lo drinking fountains cannot be provided. However, the hi-lo fountain is preferred. A. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor. B. Spout outlets shall be 36 inches maximum above the finish floor or ground. C. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. E. Ground shall protrude 4 inches maximum horizontally into the circulation path. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.8, 4.5, 4.6, 4.7, 4.9 of attach.

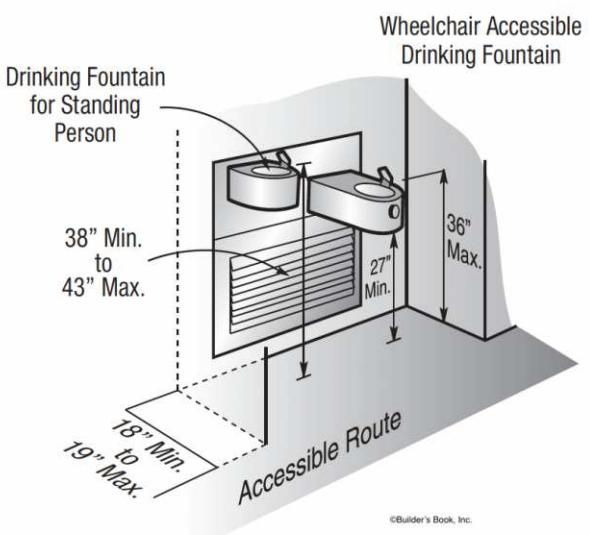
### **Notes:**

**Corrective Action:** Work order # 331920 submitted for correction. Installed cup holder dispensers on 8 Sep 2015 (Temporary measure).

## Finding #54 Continued



### DRINKING FOUNTAINS



Finding 83632 Main Photo

## **South Tower Drinking Fountain 4th Floor**

### **Finding: 55**

The drinking fountain is not accessible.

Drinking fountains must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space centered on the unit that allows a forward approach to the drinking fountain.

At "hi-low" type fountains, the center line of the 30 inch by 48 inch clear floor space must be centered on the "low" fountain. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground.

All drinking fountains shall be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. An alcove must not be less than 32 inches in width and 18 inches in depth. Wing walls must project out from the supporting wall at least as far as the drinking fountain.

*2010 ADAS Section 403.5.1*

*Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.*

### **Citation:**

**2010 ADAS Section: 403.5.1**

### **As Built:**

Eastside drinking fountain was not accessible. A. Bottom leading edge measured at 32½ inches. B. Spout outlet was 42 inches above the floor. C. Spout was 8½ inches from the rear of the drinking fountain. D. Front of fountain protruded 6½ inches into the circulation path.

### **Recommendation:**

Provide a cup holder at this fountain if set of hi-lo drinking fountains cannot be provided. However, the hi-lo fountain is preferred. A. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor. B. Spout outlets shall be 36 inches maximum above the finish floor or ground. C. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. E. Ground shall protrude 4 inches maximum horizontally into the circulation path. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.8, 4.5, 4.6, 4.7, 4.9 of attach.

### **Notes:**

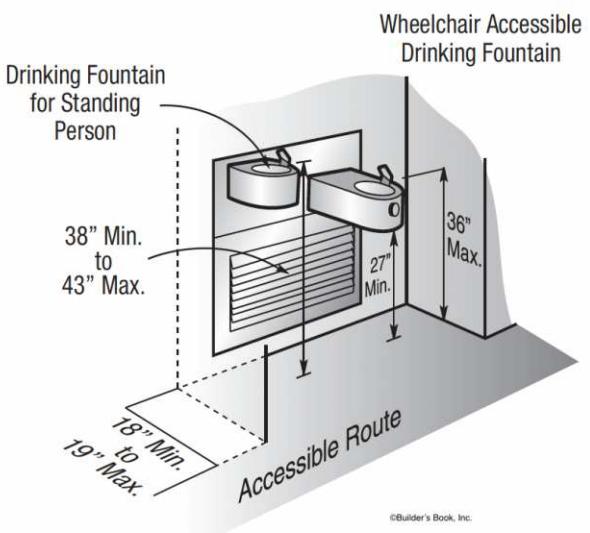
**Corrective Action:** Work order # 331920 submitted for correction. Installed cup holder dispensers on 8 Sep 2015 (Temporary measure).

## Finding #55 Continued



Finding 83621 Main Photo

### DRINKING FOUNTAINS



## **South Tower Drinking Fountain 4th Floor**

### **Finding: 56**

The drinking fountain is not accessible.

Drinking fountains must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space centered on the unit that allows a forward approach to the drinking fountain.

At "hi-low" type fountains, the center line of the 30 inch by 48 inch clear floor space must be centered on the "low" fountain. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground.

All drinking fountains shall be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. An alcove must not be less than 32 inches in width and 18 inches in depth. Wing walls must project out from the supporting wall at least as far as the drinking fountain.

#### *2010 ADAS Section 403.5.1*

*Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.*

#### **Citation:**

**2010 ADAS Section: 403.5.1**

#### **As Built:**

Westside drinking fountain was not accessible. A. Bottom leading edge measured at 32½ inches. B. Spout outlet was 42 inches above the floor. C. Spout was 7½ inches from the rear of the drinking fountain. D. Front of fountain protruded 6 inches into the circulation path.

#### **Recommendation:**

Provide a cup holder at this fountain if set of hi-lo drinking fountains cannot be provided. However, the hi-lo fountain is preferred. A. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor. B. Spout outlets shall be 36 inches maximum above the finish floor or ground. C. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. E. Ground shall protrude 4 inches maximum horizontally into the circulation path. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.8, 4.5, 4.6, 4.7, 4.9 of attach.

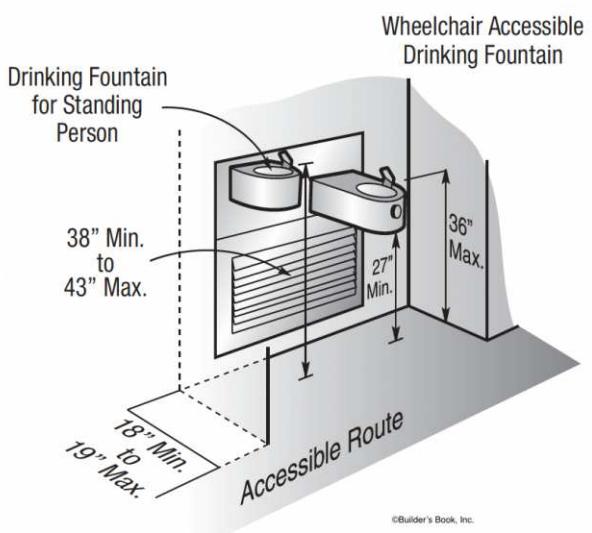
#### **Notes:**

**Corrective Action:** Work order # 331920 submitted for correction. Installed cup holder dispensers on 8 Sep 2015 (Temporary measure).

## Finding #56 Continued



### DRINKING FOUNTAINS



Finding 83636 Main Photo

## **South Tower Drinking Fountain 5th Floor**

### **Finding: 57**

The drinking fountain is not accessible.

Drinking fountains must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space centered on the unit that allows a forward approach to the drinking fountain.

At "hi-low" type fountains, the center line of the 30 inch by 48 inch clear floor space must be centered on the "low" fountain. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground.

All drinking fountains shall be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. An alcove must not be less than 32 inches in width and 18 inches in depth. Wing walls must project out from the supporting wall at least as far as the drinking fountain.

*2010 ADAS Section 403.5.1*

*Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.*

#### **Citation:**

**2010 ADAS Section: 403.5.1**

#### **As Built:**

Eastside drinking fountain was not accessible. A. Bottom leading edge measured at 32½ inches. B. Spout outlet was 43 inches above the floor. C. Spout was 9½ inches from the rear of the drinking fountain. D. Front of fountain protruded 6¾ inches into the circulation path. E. Force was 8 pounds to activate the control.

#### **Recommendation:**

Provide a cup holder at this fountain if set of hi-lo drinking fountains cannot be provided. However, the hi-lo fountain is preferred. A. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor. B. Spout outlets shall be 36 inches maximum above the finish floor or ground. C. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. E. Ground shall protrude 4 inches maximum horizontally into the circulation path. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.8, 4.5, 4.6, 4.7, 4.9 of attach.

#### **Notes:**

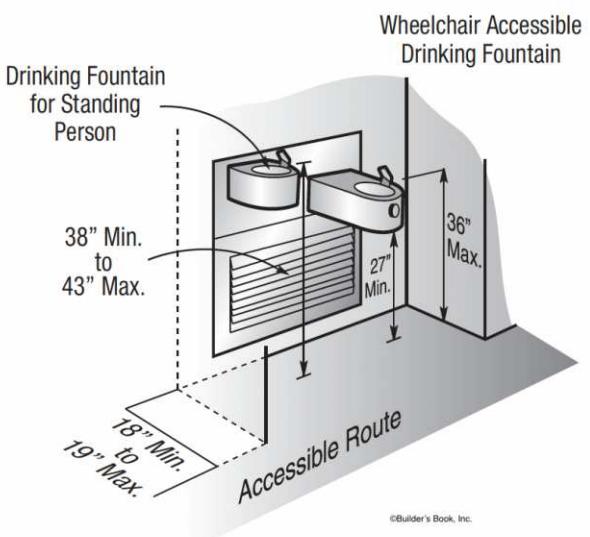
Corrective Action: Work order # 331920 submitted for correction. Installed cup holder dispensers on

8 Sep 2015 (Temporary measure).



Finding 83623 Main Photo

### DRINKING FOUNTAINS



## **South Tower Drinking Fountain 5th Floor**

### **Finding: 58**

The drinking fountain is not accessible.

Drinking fountains must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space centered on the unit that allows a forward approach to the drinking fountain.

At "hi-low" type fountains, the center line of the 30 inch by 48 inch clear floor space must be centered on the "low" fountain. Spout outlets of drinking fountains for standing persons shall be 38 inches minimum and 43 inches maximum above the finish floor or ground.

All drinking fountains shall be located completely within alcoves, positioned completely between wing walls, or otherwise positioned so as not to encroach into pedestrian ways. An alcove must not be less than 32 inches in width and 18 inches in depth. Wing walls must project out from the supporting wall at least as far as the drinking fountain.

*2010 ADAS Section 403.5.1*

*Except as provided in 403.5.2 and 403.5.3, the clear width of walking surfaces shall be 36 inches (915 mm) minimum.*

#### **Citation:**

**2010 ADAS Section: 403.5.1**

#### **As Built:**

Westside drinking fountain was not accessible. A. Bottom leading edge measured at 32½ inches. B. Spout outlet was 42 inches above the floor. C. Spout was 9½ inches from the rear of the drinking fountain. D. Front of fountain protruded 6½ inches into the circulation path. E. Force was 7 pounds to activate the control.

#### **Recommendation:**

Provide a cup holder at this fountain if set of hi-lo drinking fountains cannot be provided. However, the hi-lo fountain is preferred. A. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor. B. Spout outlets shall be 36 inches maximum above the finish floor or ground. C. The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers. E. Ground shall protrude 4 inches maximum horizontally into the circulation path. Entered into TRANSITION PLAN. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.8, 4.5, 4.6, 4.7, 4.9 of attach.

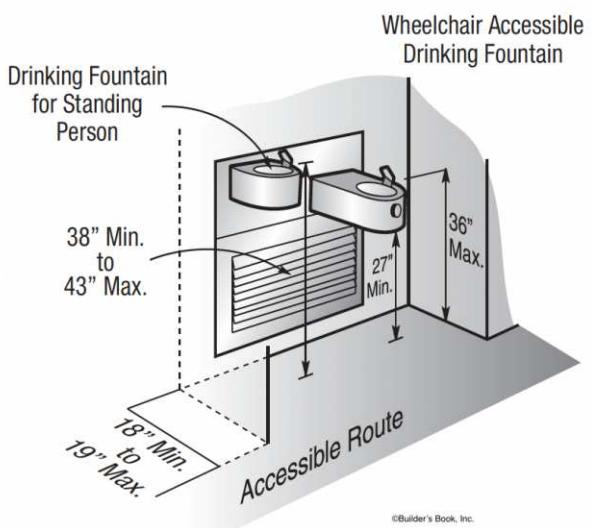
#### **Notes:**

Corrective Action: Work order # 331920 submitted for correction. Installed cup holder dispensers on

8 Sep 2015 (Temporary measure).



### DRINKING FOUNTAINS



Finding 83637 Main Photo

**W. Tower Entrance W149**

**Finding: 59**

The sales and service counter is not a minimum 36 inches wide.

A portion of the counter surface that is 36 inches long minimum and 36 inches high maximum above the finish floor shall be provided. A 30 inch by 48 inch clear floor space on an accessible route must be provided for either a forward or parallel approach. (Built 2005)

*2010 ADAS Section 904.4*

*Sales counters and service counters shall comply with 904.4.1 or 904.4.2. The accessible portion of the counter top shall extend the same depth as the sales or service counter top.*

**Citation:**

2010 ADAS Section: 904.4

**As Built:**

Counter measured 35  
inches wide //  
Forward Approach  
12.5 inches.

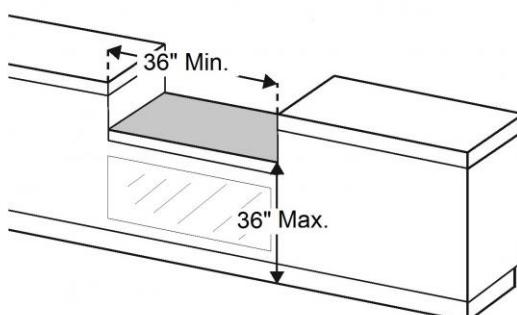
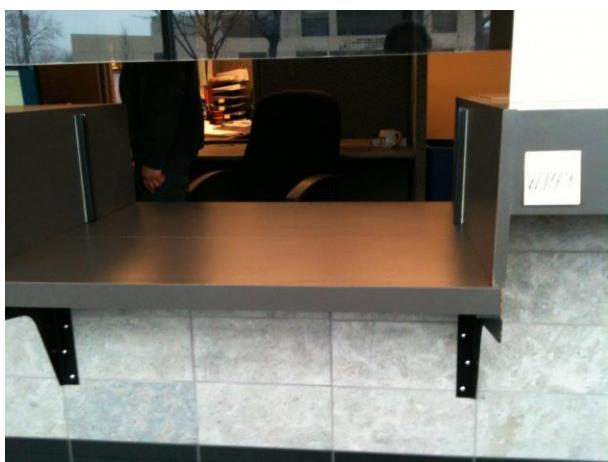
**Recommendation:**

Reconstruct counter to meet ADA. Equivalent facilitation (clipboard) will be provided.

A). A portion of the counter surface that is 36 inches long minimum and 36 inches high maximum above the finish floor shall be provided. Refer to ADA Checklist for Readily Achievable Barrier Removal - Priority 2-Access to Goods & Services, 2.76 of attach. b). Forward approach must meet no less than 17 inches and no great than 25 inches of clear floor space extended under the accessible length of the counter. Refer to attached link-ADA Priority 2-Access to Goods & Services, 2.80 of attach.

**Notes:**

Corrective Action: Work order # 323104 submitted for correction.



Finding 83323 Main Photo

## W. Tower Entrance W149

### Finding: 60

There is not enough toe space clearance under the drinking fountain.

Space under an element between the finish floor or ground and 9 inches above the finish floor or ground shall be considered toe clearance

Space extending greater than 6 inches beyond the available knee clearance at 9 inches above the finish floor or ground shall not be considered toe clearance.

Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum under the element.

2010 ADAS Section 306.2.3

Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches (430 mm) minimum under the element.

#### Citation:

2010 ADAS Section: 306.2.3

#### As Built:

Forward approach not accessible due to only measuring 13 inches in depth.

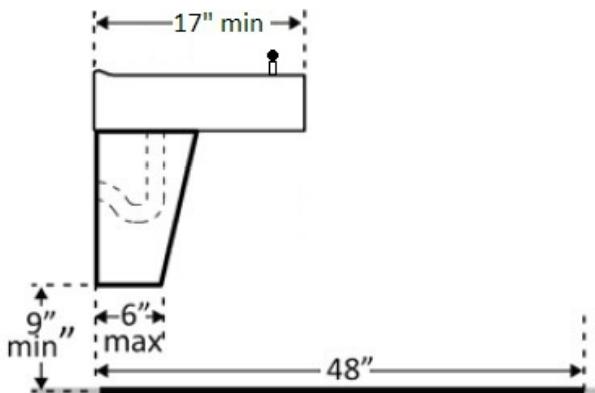
#### Recommendation:

Provide a cup holder at this fountain if set of hi-lo drinking fountains cannot be provided. However, the hi-lo fountain is preferred.

A). Forward approach must meet the minimum 17 inches and no greater than 25 inches of clear floor space extended under the accessible length of the counter. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 4.2 of attach.

#### Notes:

Corrective Action: Work order # 323177 submitted for correction. Installed cup holder dispensers on June 23, 2015 (Temporary measure).



Finding 83324 Main Photo

**Finding #60 Additional Finding Photos**



**Finding 83324 Additional Photo**



**Finding 83324 Additional Photo**

**W. Tower Entrance W149**

**Finding: 61**

The spout location is too close to the adjacent wall/support.

The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers.

*2010 ADAS Section 602.5*

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

**Citation:**

**2010 ADAS Section: 602.5**

**As Built:**

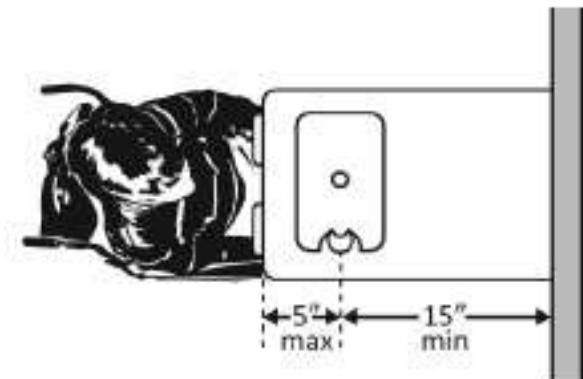
Spout only reached  
10 $\frac{1}{4}$  inches from rear  
of drinking fountain.  
(Built 2005).

**Recommendation:**

The spout is required to be at least 15 -inches from the rear of the fountain. Refer to attached link-ADA Priority 2-Access to Goods & Services, 4.7 of attach.

**Notes:**

**Corrective Action:** Work order # 323177 submitted  
for correction. Installed cup holder dispensers on June 23, 2015 (Temporary measure).



Finding 83325 Main Photo

## Finding #61 Additional Finding Photos



Finding 83325 Additional Photo

## **West Tower Drinking Fountain 1st Floor**

### **Finding: 62**

**The spout location is too close to the adjacent wall/support.**

**The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers.**

*2010 ADAS Section 602.5*

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

#### **Citation:**

**2010 ADAS Section: 602.5**

#### **As Built:**

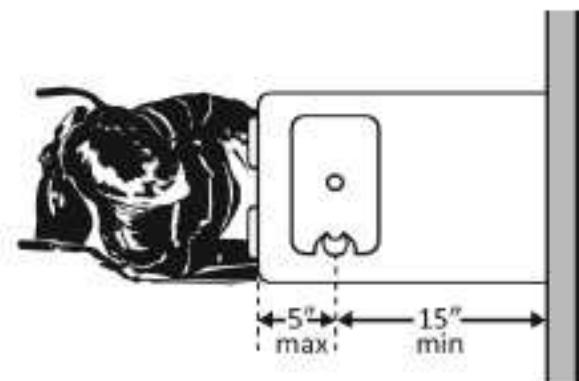
**Spout location at  
10.25 inches from the  
rear wall/support**

#### **Recommendation:**

**Extend drinking fountain by a minimum 5 inches away from wall.**

#### **Notes:**

**N/A**



## West Tower Drinking Fountain 1st Floor

### Finding: 63

There is not enough knee clearance under the drinking fountain.

The drinking fountain must have a clear knee space between the bottom of the drinking fountain and the floor not less than 27 inches in height, 30 inches in width, and 8 inches in depth.

2010 ADAS Section 602.2

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 complying with 306 shall be provided.

#### Citation:

2010 ADAS Section: 602.2

#### As Built:

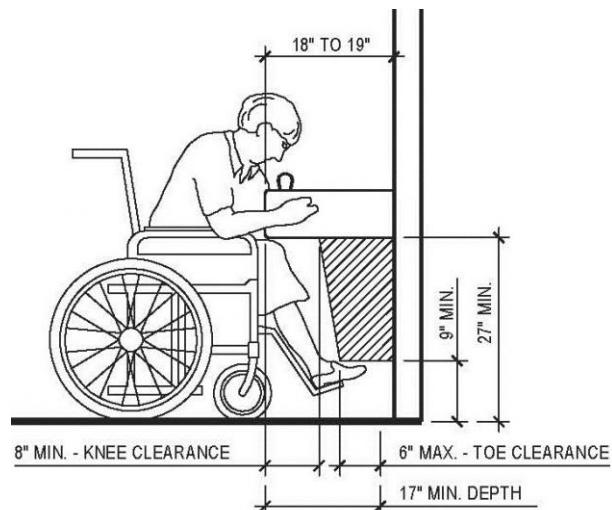
Bottom edge of  
drinking fountain  
measures 25.5 inches

#### Recommendation:

Adjust drinking fountain's height to ensure a minimum height of 27 inches above the finished floor.

#### Notes:

N/A



## West Tower Drinking Fountain 2nd Floor

### Finding: 64

The spout location is too close to the adjacent wall/support.

The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers.

2010 ADAS Section 602.5

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

#### Citation:

2010 ADAS Section: 602.5

#### As Built:

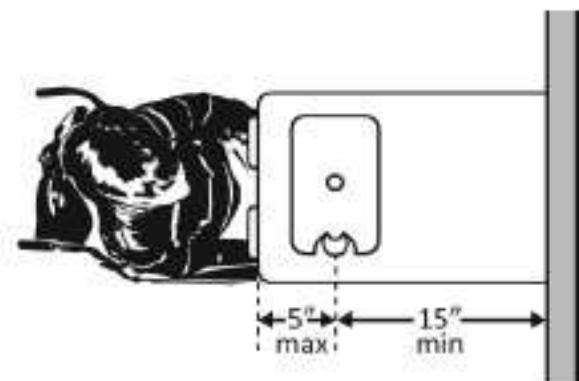
Spout location at 10.5  
inches from the rear  
wall/support

#### Recommendation:

Extend drinking fountain by a minimum 5 inches away from wall.

#### Notes:

N/A



Finding 297820 Main Photo

## Finding #64 Additional Finding Photos



Finding 297820 Additional Photo

## West Tower Drinking Fountain 2nd Floor

### Finding: 65

There is not enough knee clearance under the drinking fountain.

The drinking fountain must have a clear knee space between the bottom of the drinking fountain and the floor not less than 27 inches in height, 30 inches in width, and 8 inches in depth.

2010 ADAS Section 602.2

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 complying with 306 shall be provided.

#### Citation:

2010 ADAS Section: 602.2

#### As Built:

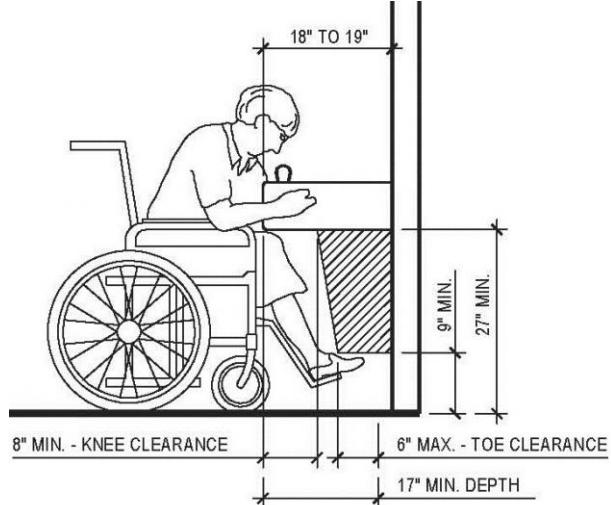
Bottom edge of  
drinking fountain  
measures 25.75  
inches

#### Recommendation:

Adjust drinking fountain's height to ensure a minimum height of 27 inches above the finished floor.

#### Notes:

N/A



Finding 297821 Main Photo

## **West Tower Drinking Fountain 2nd Floor by Elevators**

### **Finding: 66**

**The spout location is too close to the adjacent wall/support.**

**The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers.**

*2010 ADAS Section 602.5*

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

#### **Citation:**

**2010 ADAS Section: 602.5**

#### **As Built:**

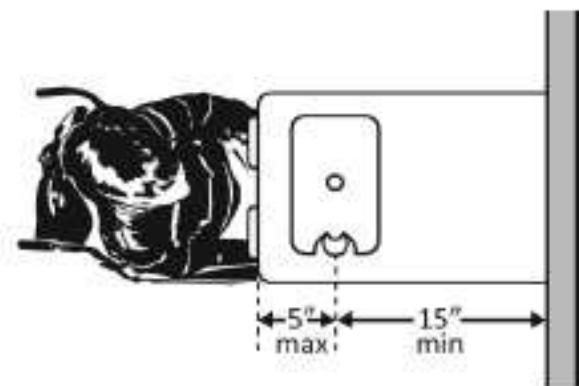
**Spout location at  
10.25 inches from the  
rear wall/support**

#### **Recommendation:**

**Extend drinking fountain by a minimum 5 inches away from wall.**

#### **Notes:**

**N/A**



**Finding 297733 Main Photo**

## West Tower Drinking Fountain 2nd Floor by Elevators

### Finding: 67

There is not enough knee clearance under the drinking fountain.

The drinking fountain must have a clear knee space between the bottom of the drinking fountain and the floor not less than 27 inches in height, 30 inches in width, and 8 inches in depth.

2010 ADAS Section 602.2

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 complying with 306 shall be provided.

#### Citation:

2010 ADAS Section: 602.2

#### As Built:

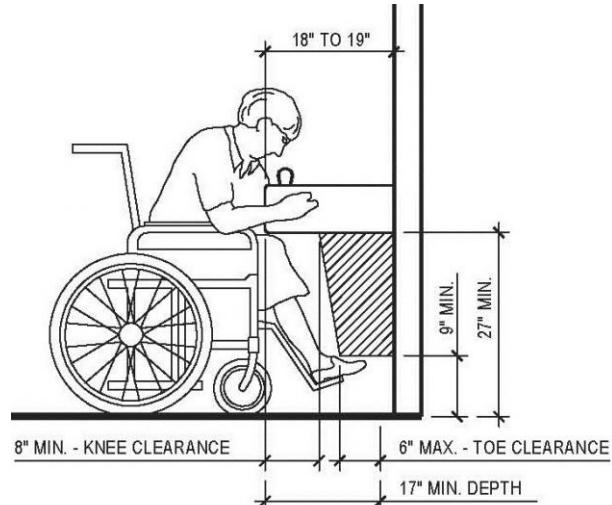
Bottom edge of  
drinking fountain  
measures 25 inches

#### Recommendation:

Adjust drinking fountain's height to ensure a minimum height of 27 inches above the finished floor.

#### Notes:

N/A



Finding 297734 Main Photo

## **West Tower Drinking Fountain 3rd Floor**

### **Finding: 68**

**The spout location is too close to the adjacent wall/support.**

**The spout shall be located 15 inches minimum from the vertical support and 5 inches maximum from the front edge of the unit, including bumpers.**

*2010 ADAS Section 602.5*

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

#### **Citation:**

**2010 ADAS Section: 602.5**

#### **As Built:**

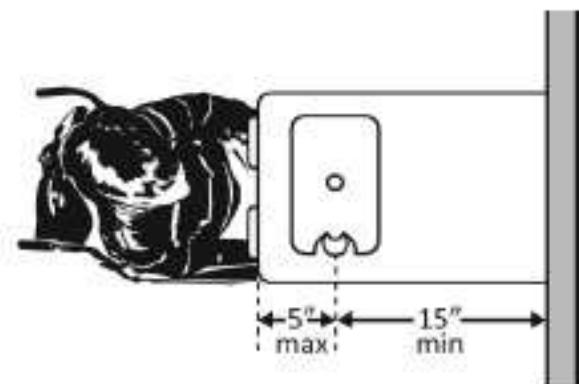
**Spout location at  
10.25 inches from the  
rear wall/support**

#### **Recommendation:**

**Extend drinking fountain by a minimum 5 inches away from wall.**

#### **Notes:**

**N/A**



**Finding 297735 Main Photo**

## West Tower Drinking Fountain 3rd Floor

### Finding: 69

There is not enough knee clearance under the drinking fountain.

The drinking fountain must have a clear knee space between the bottom of the drinking fountain and the floor not less than 27 inches in height, 30 inches in width, and 8 inches in depth.

2010 ADAS Section 602.2

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 complying with 306 shall be provided.

#### Citation:

2010 ADAS Section: 602.2

#### As Built:

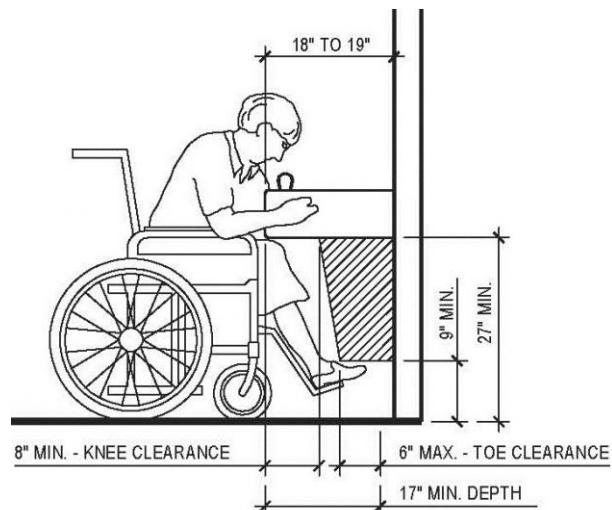
Bottom edge of  
drinking fountain  
measures 26 inches

#### Recommendation:

Adjust drinking fountain's height to ensure a minimum height of 27 inches above the finished floor.

#### Notes:

N/A



Finding 297736 Main Photo

## West Tower Drinking Fountain 4th Floor

### Finding: 70

There is not enough knee clearance under the drinking fountain.

The drinking fountain must have a clear knee space between the bottom of the drinking fountain and the floor not less than 27 inches in height, 30 inches in width, and 8 inches in depth.

2010 ADAS Section 602.2

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 complying with 306 shall be provided.

#### Citation:

2010 ADAS Section: 602.2

#### As Built:

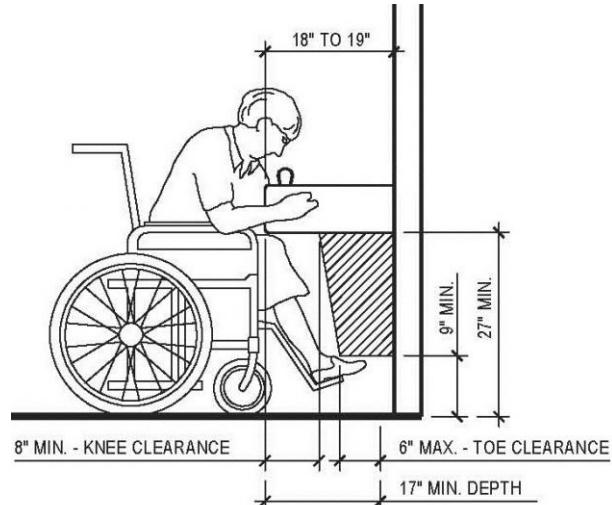
Bottom edge of  
drinking fountain  
measures 26 inches

#### Recommendation:

Adjust drinking fountain's height to ensure a minimum height of 27 inches above the finished floor.

#### Notes:

N/A



Finding 297738 Main Photo

## West Tower Drinking Fountain 5th Floor

### Finding: 71

There is not enough knee clearance under the drinking fountain.

The drinking fountain must have a clear knee space between the bottom of the drinking fountain and the floor not less than 27 inches in height, 30 inches in width, and 8 inches in depth.

2010 ADAS Section 602.2

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 complying with 306 shall be provided.

#### Citation:

2010 ADAS Section: 602.2

#### As Built:

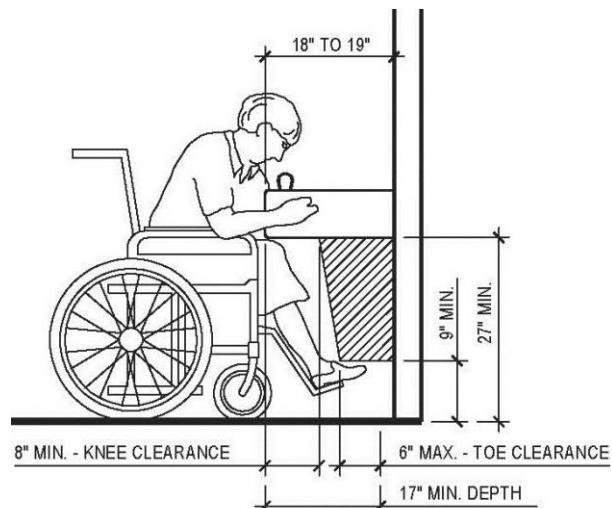
Bottom edge of  
drinking fountain  
measures 26 inches

#### Recommendation:

Adjust drinking fountain's height to ensure a minimum height of 27 inches above the finished floor.

#### Notes:

N/A



Finding 297739 Main Photo

**S. Tower Courtroom - S204**

**Finding: 72**

The witness stand is not accessible because it does not allow for a forward or side approach and is not on an accessible route.

An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space that allows a side or forward approach.

*2010 ADAS Section 309.2*

*A clear floor or ground space complying with 305 shall be provided.*

**Citation:**

**2010 ADAS Section: 309.2**

**As Built:**

An interior accessible route was not available. Witness stand accessible with no slope. Per Court Administrator Memo: ADA access-for-witness. Program accessibility is made available for wheelchair users and/or as necessary for those with disabilities by scheduling, planning, and using the following locations outlined in Memo7.

**Recommendation:**

Reference#2. Each courtroom must be accessible. Jury boxes, witness stands, and jury deliberation areas must be accessible. Judges benches and other employee work stations must be accessible, but raised courtroom work stations are not required to provide ramps or lifts at the time of construction as long as the space has been designed to permit the future addition of a ramp or lift without substantial reconstruction. Refer to attached link-ADA Checklist for Readily Achievable Barrier

**Notes:**

**Corrective Action:** Work order 333746 was submitted for correction during next alteration or new construction. Interim measure in place as per Memo. Finding identified on Transition Plan for correction during alteration/construction.

**Finding #72 Continued**



**Finding 83725 Main Photo**

**Finding #72 Additional Finding Photos**



**Finding 83725 Additional Photo**

## S. Tower Courtroom - S204

### Finding: 73

The tactile sign is incorrectly located.

Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall.

#### 2010 ADAS Section 703.4.2

Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

#### Citation:

2010 ADAS Section: 703.4.2

#### As Built:

Signage is  
inappropriately  
located at doorway.

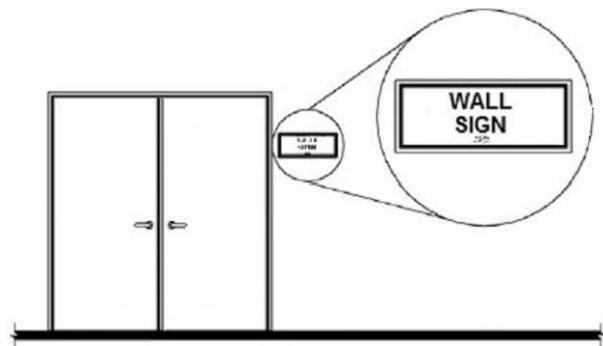
#### Recommendation:

Replace or add another sign to meet ADA: a). Work order # 332040 submitted for correction. Signs that identify permanent rooms and spaces (room numbers, exit signs, and restrooms) are required to be provided in Braille, mounted at the latch side of doorway openings. Signs containing tactile characters shall be located so that a clear floor space of 18 inches minimum by 18 inches minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45-degree open position. The sign's baseline of the lowest character 48 inches above the floor and the baseline of the highest character is no more than 60 inches above the floor. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.38 of attach.

#### Notes:

Corrective Action:

**Finding #73 Continued**



**Finding 83726 Main Photo**

CORRECTED

**S. Tower Courtroom - S204**

**Finding: 74**

The door opening does not provide at least 32 inches between the face of the door and the opposite stop.

Door openings shall provide a clear width of 32 inches minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. There shall be no projections into the required clear opening width lower than 34 inches above the finish floor or ground. Projections into the clear opening width between 34 inches and 80 inches above the finish floor or ground shall not exceed 4 inches.

*2010 ADAS Section 404.2.3*

*Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).*

**Citation:**

2010 ADAS Section: 404.2.3

**As Built:**

Entrance was not wheelchair accessible. Door width was 28½ inches.

**Recommendation:**

S204 ADA Alter Door 32" Wide to install offset hinges, install automatic openers, or alter the doorway. Door openings shall provide a clear width of 32 inches minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches deep shall provide a clear opening of 36 inches minimum. There shall be no projections into the required clear opening width lower than 34 inches above the finish floor or ground. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.40 of attach.

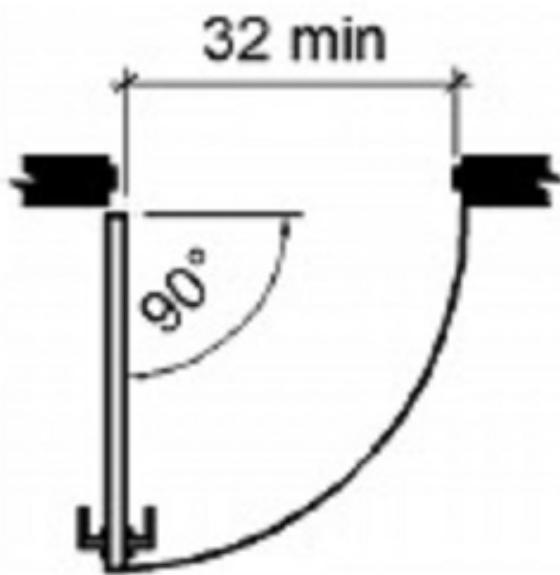
**Notes:**

Corrective Action: Work order 332095 was submitted.

**Finding #74 Continued**



**Finding 83727 Main Photo**



**Hinged Door or Gate**

## S. Tower Courtroom - S204

### Finding: 75

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

Door opening force  
was 8 pounds  
pressure to open.

#### Recommendation:

Adjust to 5 lbs. maximum opening force. a). The door requires to be opened easily (5 pounds maximum force). Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 245 of attach.

#### Notes:

Corrective Action: Work order # 332135 submitted for correction. Corrected on 9 June 2015.



**First Appearance Room - W119**

**Finding: 76**

**The tactile sign is incorrectly located.**

**Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall.**

**2010 ADAS Section 703.4.2**

*Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leafs, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.*

**Citation:**

**2010 ADAS Section: 703.4.2**

**As Built:**

**Signage is  
inappropriately  
located at doorway.**

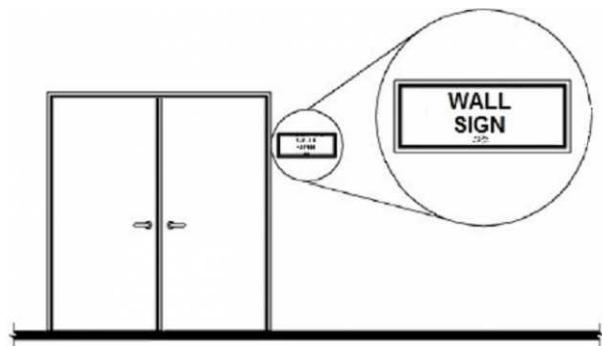
**Recommendation:**

Work order # 333858 was submitted to replace or add another sign to meet ADA. Signs that identify permanent rooms and spaces (room numbers, exit signs, and restrooms) are required to be provided in Braille, mounted at the latch side of doorway openings. Signs containing tactile characters shall be located so that a clear floor space of 18 inches minimum by 18 inches minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position. The sign's baseline of the lowest character 48 inches above the floor and the baseline of the highest character is no more than 60 inches above the floor. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 2.38 of attach.

**Notes:**

**Corrective Action: Work order # 333858 was submitted for correction.**

**Finding #76 Continued**



**Finding 83875 Main Photo**

## First Appearance Room - W119

### Finding: 77

The counter edge projects more than 4 inches into the circulation path.

Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided.

2010 ADAS Section 307.2

*Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.*

#### Citation:

2010 ADAS Section: 307.2

#### As Built:

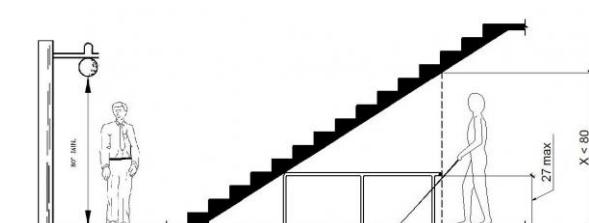
Counter was protruding 10 inches from the wall and 45 inches high from the floor.

#### Recommendation:

Work order # 336703 was submitted to add reconfigure counter. Objects with leading edges more than 27 inches and not more than 80 inches above the finish floor or ground shall protrude 4 inches maximum horizontally into the circulation path. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 4.9 of attach.

#### Notes:

Corrective Action: Work order 3 336703 submitted for correction.



Finding 83901 Main Photo

## South Tower Information Desk

### Finding: 78

The transaction counter is too high.

A portion of the counter surface that is 36 inches long minimum and 36 inches high maximum above the finish floor shall be provided. Knee and toe space must be provided for a forward approach. A 30 inch by 48 inch clear floor space on an accessible route must be provided for either a forward or parallel approach.

2010 ADAS Section 904.4.2

*A portion of the counter surface that is 30 inches (760 mm) long minimum and 36 inches (915 mm) high maximum shall be provided. Knee and toe space complying with 306 shall be provided under the counter. A clear floor or ground space complying with 305 shall be positioned for a forward approach to the counter.*

2010 ADAS Section 904.4.1

*A portion of the counter surface that is 36 inches (915 mm) long minimum and 36 inches (915 mm) high maximum above the finish floor shall be provided. A clear floor or ground space complying with 305 shall be positioned for a parallel approach adjacent to the 36 inch (915 mm) minimum length of counter.*

#### Citation:

2010 ADAS Section: 904.4.2, 904.4.1

#### As Built:

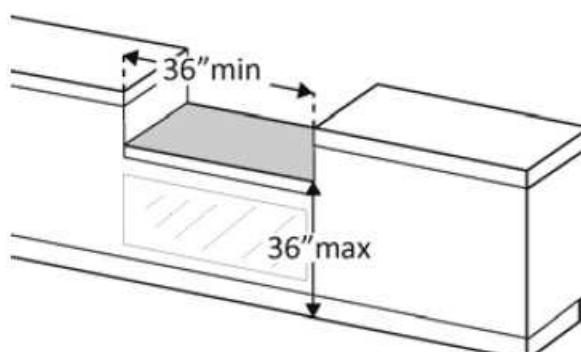
47 inches above  
finished floor

#### Recommendation:

Install compliant service counter or addition to existing service counter that includes a section of counter surface that is 36 inches long minimum and 36 inches high maximum.

#### Notes:

N/A



Finding 297294 Main Photo

## Women's Restroom Basement S001

### Finding: 79

The maneuvering space between the two doors in the vestibule is noncompliant.

The distance between two hinged or pivoted doors in series shall be 48 inches minimum plus the width of doors or gates swinging into the space.

2010 ADAS Section 404.2.6

*The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.*

#### Citation:

2010 ADAS Section: 404.2.6

#### As Built:

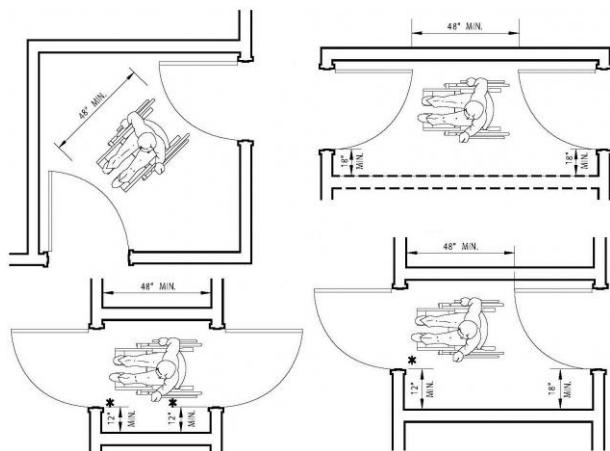
34.25 inches  
clearance between  
doors

#### Recommendation:

Recommend installing automatic door openers. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297452 Main Photo

## Women's Restroom Basement S001

### Finding: 80

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

8 pounds of force  
required

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297453 Main Photo

## Women's Restroom Basement S001

### Finding: 81

The coat hook is installed greater than 48 inches above the finished floor.

Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum above the finished floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

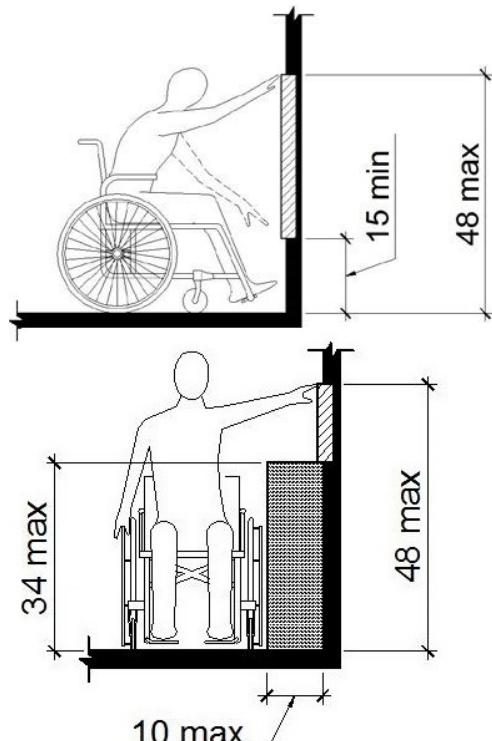
67 inches above  
finished floor

#### Recommendation:

Lower coat hook 20 inches minimum. Not to exceed a maximum height of 48 inches above finished floor.

#### Notes:

N/A



Finding 297454 Main Photo

## Women's Restroom Basement S001

### Finding: 82

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

#### Citation:

2010 ADAS Section: 404.2.8.1

#### As Built:

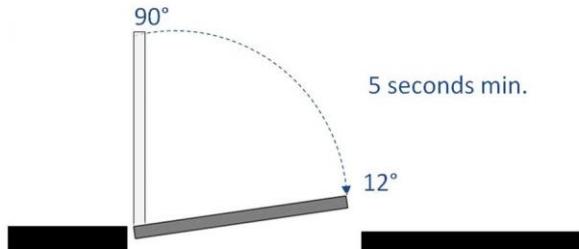
3 seconds to closed  
the position

#### Recommendation:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

#### Notes:

N/A



Finding 297455 Main Photo

## Women's Restroom Basement S001

### Finding: 83

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

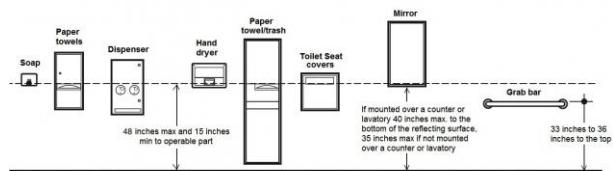
52.5 inches above  
finished floor

#### Recommendation:

Lower paper tower dispenser 5 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297456 Main Photo

## Women's Restroom Basement S001

### Finding: 84

The water and drain pipes under the lavatory are not adequately insulated.

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.

2010 ADAS Section 606.5

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.

#### Citation:

2010 ADAS Section: 606.5

#### As Built:

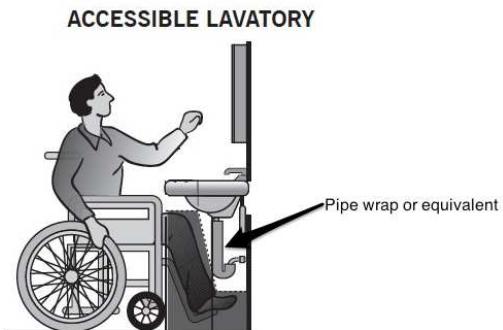
Missing drain pipe  
insulation underneath  
lavatory

#### Recommendation:

Insulate drain pipes under lavatory.

#### Notes:

N/A



Finding 297457 Main Photo

## **Women's Restroom Basement S001**

### **Finding: 85**

The faucet controls require twisting of the wrist.

Faucet controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 lb. Lever-operated, push-type and electronically controlled mechanisms are examples of acceptable designs. Self-closing valves are allowed if the faucet remains open for at least 10 seconds.

*2010 ADAS Section 606.4*

*Controls for faucets shall comply with 309. Hand-operated metering faucets shall remain open for 10 seconds minimum.*

#### **Citation:**

2010 ADAS Section: 606.4

#### **As Built:**

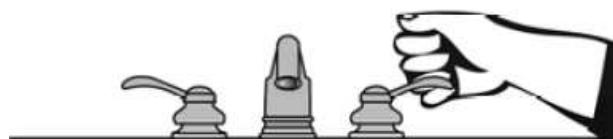
Faucet controls  
require tight grasping

#### **Recommendation:**

Install lever type faucet controls that do not require tight grasping, pinching or twisting of the wrist.

#### **Notes:**

N/A



Finding 297458 Main Photo

## Women's Restroom Basement S001

### Finding: 86

The mirror is mounted too high.

Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground.

2010 ADAS Section 603.3

*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 35 inches (890 mm) maximum above the finish floor or ground.*

#### Citation:

2010 ADAS Section: 603.3

#### As Built:

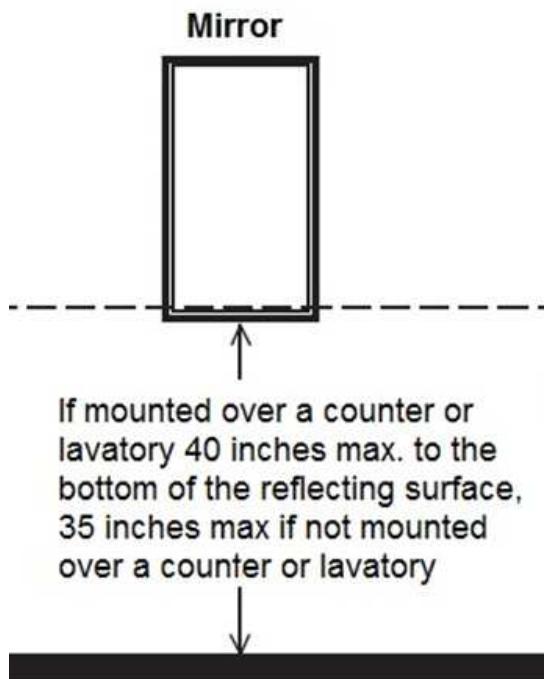
49.25 inches above  
finished floor

#### Recommendation:

Lower mirror to a maximum of 40 inches above finished floor measured to the bottom edge of the reflective surface. Recommend lowering mirror a 10 inches.

#### Notes:

N/A



Finding 297459 Main Photo

## Women's Restroom Basement S001

### Finding: 87

Knee clearance at 27 inches off the floor is not 8 inches minimum deep.

The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.3

Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

#### Citation:

2010 ADAS Section: 306.3.3

#### As Built:

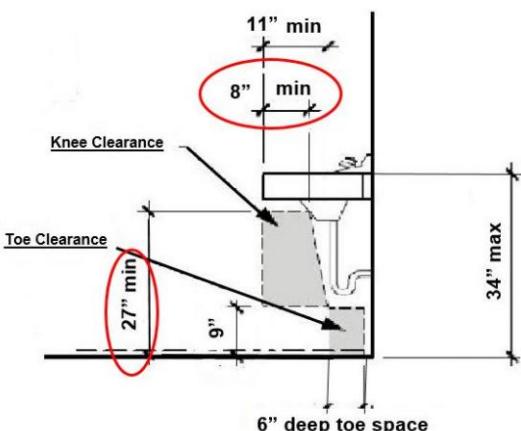
No knee clearance provided under lavatory

#### Recommendation:

Replace lavatory with one that provides a minimum height from the bottom edge of no less than 27 inches above finished floor and 8 inches minimum in depth for knee clearance.

#### Notes:

N/A



Finding 297460 Main Photo

## Women's Restroom Basement S001

### Finding: 88

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self-closing

#### Recommendation:

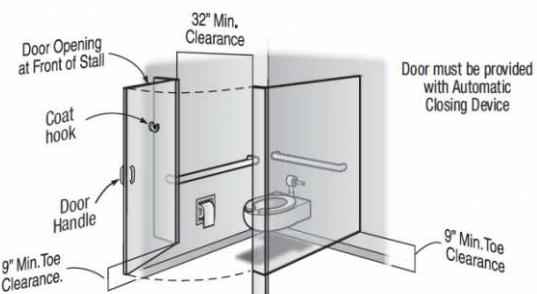
Adjust or install automatic closing hinges.

#### Notes:

N/A



COMPARTMENT DOORS



Finding 297461 Main Photo

## Women's Restroom Basement S001

### Finding: 89

The toilet compartment is not wide enough.

Toilet compartments must be a minimum of 60 inches in width.

2010 ADAS Section 604.8.1.1

Wheelchair accessible compartments shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 56 inches (1420 mm) deep minimum for wall hung water closets and 59 inches (1500 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 59 inches (1500 mm) deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

#### Citation:

2010 ADAS Section: 604.8.1.1

#### As Built:

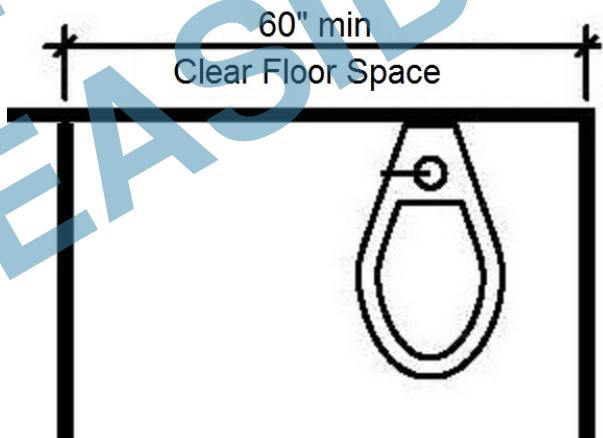
31 inches wide

#### Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297462 Main Photo

## Women's Restroom Basement S001

### Finding: 90

Accessible toilets must have grab bars installed.

The side grab bar must extend at least 54 inches minimum beyond the rear wall and start a maximum of 12 inches from the rear wall.

The rear grab bar must be a minimum of 36 inches long and extend from the centerline of the toilet 12 inches minimum on one side and 24 inches minimum on the other side.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface.

2010 ADAS Section 604.5

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.

#### Citation:

2010 ADAS Section: 604.5

#### As Built:

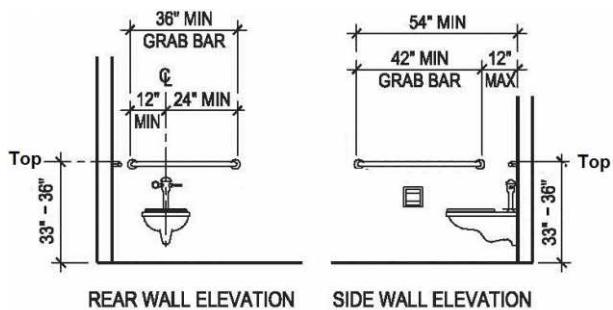
Missing grab bars

#### Recommendation:

Install 1 side and 1 rear grab bar at 36 inches maximum above finished floor measured to the top of the gripping surface. Please see finding details for compliant measurements. Rear grab bar may not meet compliance clearances due to structural limitations.

#### Notes:

N/A



Finding 297463 Main Photo

## Women's Restroom Basement S001

### Finding: 91

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

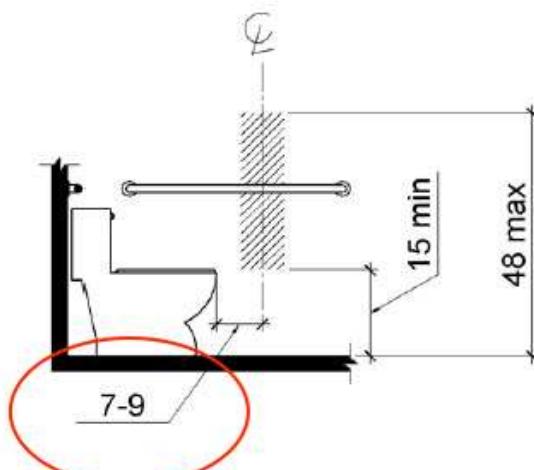
3.5 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297464 Main Photo

## Women's Restroom Basement S001

### Finding: 92

The toilet seat cover dispenser is mounted too high.

Dispensers must have operable parts a maximum of 48 inches above the floor. Toilet seat covers must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space that allows a side or forward approach.

2010 ADAS Section 308.1

Reach ranges shall comply with 308.

#### Citation:

2010 ADAS Section: 308.1

#### As Built:

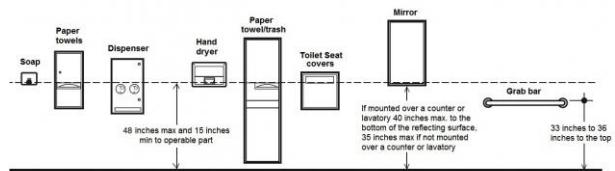
58 inches above  
finished floor

#### Recommendation:

Re-locate toilet seat cover dispenser below either grab bar at least 1.5 inches minimum below grab bars but no less than 15 inches above finished floor to meet compliance.

#### Notes:

N/A



Finding 297465 Main Photo

## Women's Restroom Basement S001

### Finding: 93

The water closet compartment door is missing a loop handle.

Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

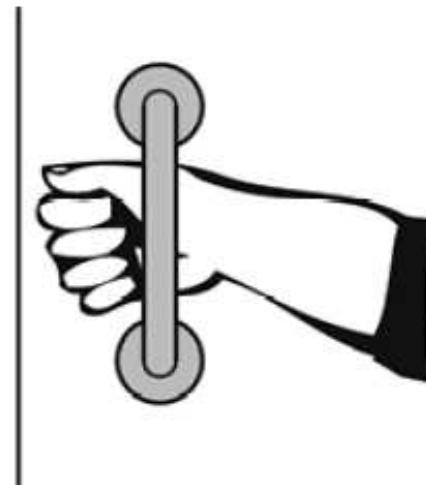
Compartiment door  
missing loop handles

#### Recommendation:

Install loop or U-shape handles on the inside and outside of the compartment door.

#### Notes:

N/A



Finding 297467 Main Photo

## Women's Restroom Basement S001

### Finding: 94

The compartment door does not have an unobstructed clear opening width of 32 inches.

The water closet compartment shall be equipped with a door that has an automatic-closing device, and must have a clear, unobstructed opening width 32 inches.

2010 ADAS Section 404.2.3

Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

#### Citation:

2010 ADAS Section: 404.2.3

#### As Built:

21.5 inches wide

#### Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297468 Main Photo

## **Women's Restroom Basement S001**

### **Finding: 95**

**There is no International Symbol of Accessibility at this entrance.**

In existing buildings and facilities where not all entrances are accessible doors that are accessible shall be identified by the International Symbol of Accessibility. Directional signs that indicate the location of the nearest accessible entrance shall be provided at entrances that are not accessible. Directional signs including the International Symbol of Accessibility indicating the accessible route to the nearest accessible entrance shall be provided at junctions when the accessible route diverges from the regular circulation path.

*2010 ADAS Section 216.6*

*Where not all entrances comply with 404, entrances complying with 404 shall be identified by the International Symbol of Accessibility complying with 703.7.2.1. Directional signs complying with 703.5 that indicate the location of the nearest entrance complying with 404 shall be provided at entrances that do not comply with 404.*

#### **Citation:**

**2010 ADAS Section: 216.6**

#### **As Built:**

**Directional sign to  
accessible restrooms  
missing**

#### **Recommendation:**

**Install directional/informational signage at restroom door entrance informing/directing the public to the accessible restrooms located on the West Tower.**

#### **Notes:**

**N/A**



**Finding 297498 Main Photo**



## Women's Restroom Basement S001

### Finding: 96

The locking/latching hardware is not accessible.

**Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

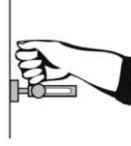
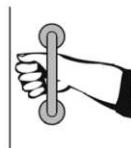
Toilet compartment  
(Stall) door lock was  
not operable with one  
hand without tight  
grasping, pinching or  
twisting of the wrist.

#### Recommendation:

Work order # 333858 was submitted to door lock . Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches minimum and 48 inches maximum above the finish floor or ground. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.44 of attach.

#### Notes:

Corrective Action: Work order # 333858 was submitted for correction.



## Women's Restroom S112

### Finding: 97

The rear grab bar is missing.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface and the space between the grab bar and the top of the tank (any obstruction) shall be 1-1/2 inches minimum.

2010 ADAS Section 609.4

Grab bars shall be installed in a horizontal position, 33 inches (840 mm) minimum and 36 inches (915 mm) maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches (455 mm) minimum and 27 inches (685 mm) maximum above the finish floor measured to the top of the gripping surface. The height of the lower grab bar on the back wall of a bathtub shall comply with 607.4.1.1 or 607.4.2.1.

#### Citation:

2010 ADAS Section: 609.4

#### As Built:

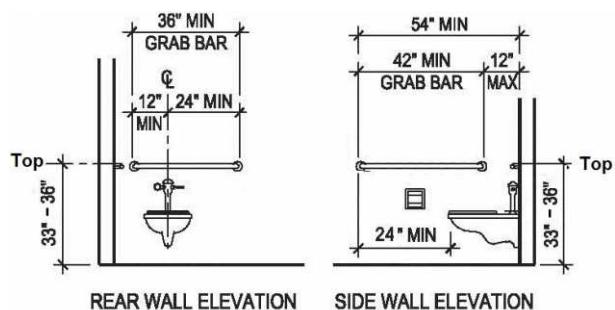
Missing rear grab bar

#### Recommendation:

Rear grab bar may not meet compliance clearances due to structural limitations. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297295 Main Photo

## Women's Restroom S112

### Finding: 98

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

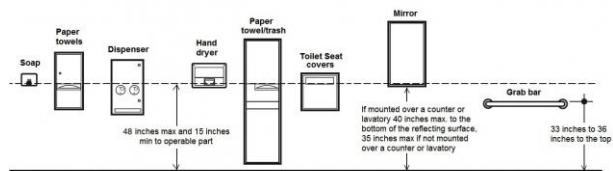
54.5 inches above  
finished floor

#### Recommendation:

Lower paper towel dispenser 7 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297296 Main Photo

## Women's Restroom S112

### Finding: 99

The seat cover dispenser is positioned too close to the grab bar.

Elements adjacent to the grab bar shall be positioned to provide unobstructed use of grab bars. The space between the grab bar and projecting objects below and at the ends shall be 1-1/2 inches minimum. The space between the grab bar and projecting objects above shall be 12 inches minimum.

2010 ADAS Section 609.3

*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.*

#### Citation:

2010 ADAS Section: 609.3

#### As Built:

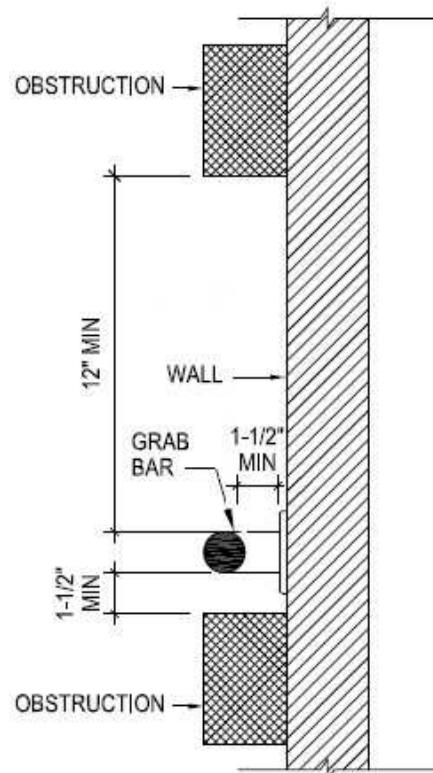
6 inches above side  
grab bar

#### Recommendation:

Re-locate toilet seat cover dispenser below either side grab bar at least 1.5 inches minimum below grab bars but no less than 15 inches above finished floor to meet compliance.

#### Notes:

N/A



## Women's Restroom S112

### Finding: 100

The pictogram field contains characters and/or Braille.

Pictograms shall have a field height of 6 inches minimum. Characters and braille shall not be located in the pictogram field.

2010 ADAS Section 703.6.1

Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

#### Citation:

2010 ADAS Section: 703.6.1

#### As Built:

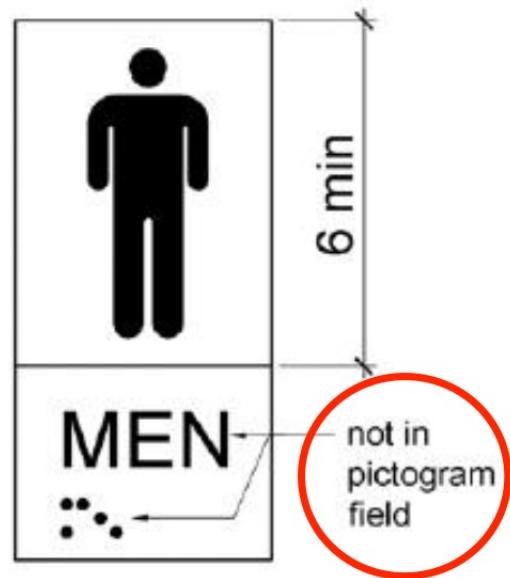
Pictogram 4 inches in height

#### Recommendation:

Replace sign with compliant pictogram field of no less than 6 inches in height.

#### Notes:

N/A



Finding 297404 Main Photo

## Women's Restroom S112

### Finding: 101

The toilet seat is not located within the range allowed off the floor.

The height of accessible water closets shall be a minimum of 17 inches and a maximum of 19 inches measured to the top of a maximum 2-inch high toilet seat.

2010 ADAS Section 604.4

*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.*

#### Citation:

2010 ADAS Section: 604.4

#### As Built:

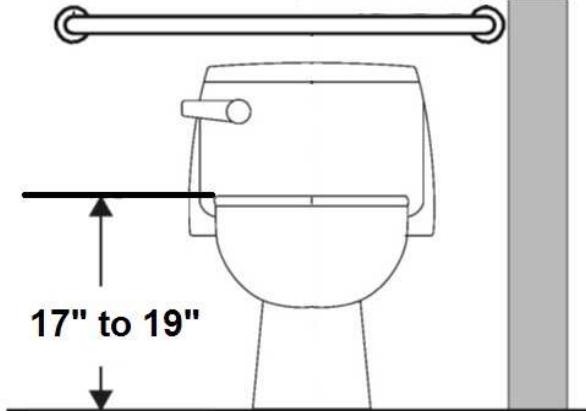
20.5 inches above  
finished floor

#### Recommendation:

Adjust toilet height, replace toilet or replace toilet seat with one that will meet the minimum height requirement of 17 inches.

#### Notes:

N/A



Finding 297524 Main Photo

## Women's Restroom S112

### Finding: 102

The toilet paper dispenser is mounted too close to the top of the grab bar, minimizing the gripping surface.

Adjacent elements shall be positioned to provide unobstructed use of grab bars. The space between the grab bar and projecting objects above shall be 12 inches minimum.

2010 ADAS Section 609.3

*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.*

#### Citation:

2010 ADAS Section: 609.3

#### As Built:

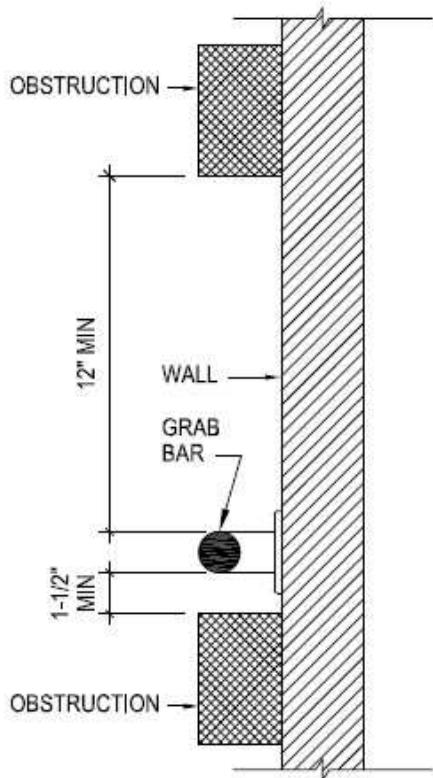
3.5 inches above side  
grab bar

#### Recommendation:

Re-locate toilet paper dispenser below either grab bar at least 1.5 inches minimum below grab bars but no less than 15 inches above finished floor to meet compliance.

#### Notes:

N/A



Finding 297525 Main Photo

## Women's Restroom S112

### Finding: 103

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

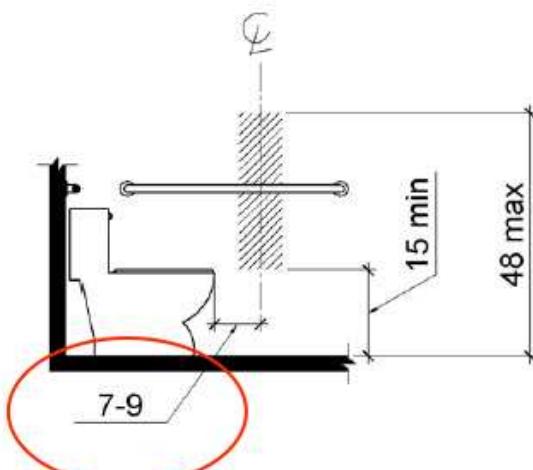
4.5 inches from front  
of the toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297526 Main Photo

## Women's Restroom S112

### Finding: 104

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

#### Citation:

2010 ADAS Section: 404.2.8.1

#### As Built:

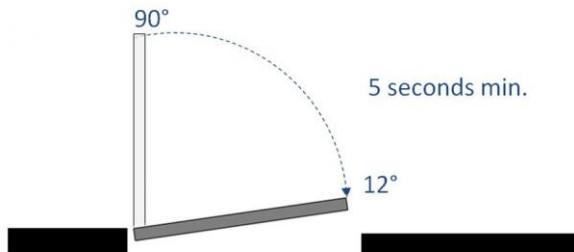
3 seconds to a closed position

#### Recommendation:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

#### Notes:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.



Finding 297401 Main Photo

## Women's Restroom S112

### Finding: 105

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

8 lbs of pressure  
required

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297402 Main Photo

## Women's Restroom S112

### Finding: 106

The maneuvering space between the two doors in the vestibule is noncompliant.

The distance between two hinged or pivoted doors in series shall be 48 inches minimum plus the width of doors or gates swinging into the space.

2010 ADAS Section 404.2.6

*The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.*

#### Citation:

2010 ADAS Section: 404.2.6

#### As Built:

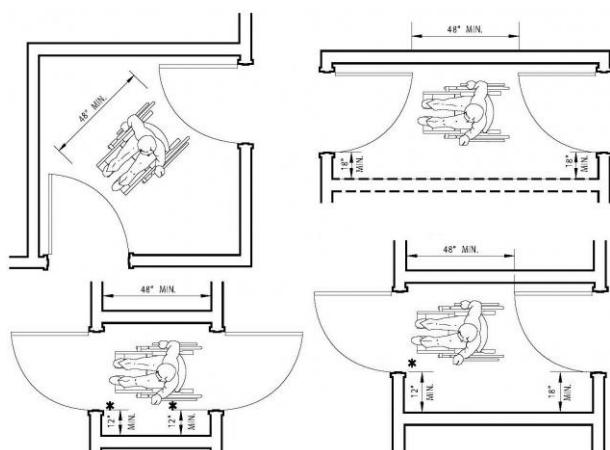
34 inches of clearance between doors

#### Recommendation:

Recommend installing automatic door openers. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297403 Main Photo

## Women's Restroom S112

### Finding: 107

Compliant knee space has not been provided under the lavatory.

The knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.1

Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

#### Citation:

2010 ADAS Section: 306.3.1

#### As Built:

No knee clearance  
provided under  
lavatory

#### Recommendation:

Replace lavatory with one that provides a minimum height from the bottom edge of no less than 27 inches above finished floor and 8 inches minimum in depth for knee clearance.

#### Notes:

N/A



## Women's Restroom S112

### Finding: 108

The water and drain pipes under the lavatory are not adequately insulated.

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.

2010 ADAS Section 606.5

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.

#### Citation:

2010 ADAS Section: 606.5

#### As Built:

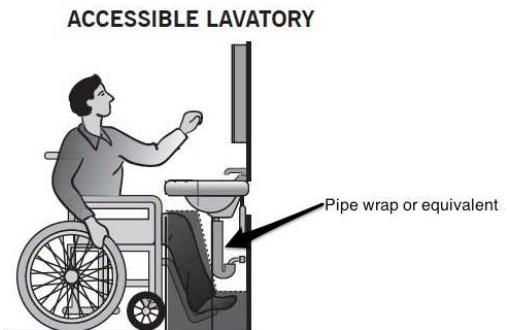
Drain pipes under  
lavatory not insulated

#### Recommendation:

Insulate drain pipes under lavatory.

#### Notes:

N/A



Finding 297406 Main Photo

## Women's Restroom S112

### Finding: 109

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

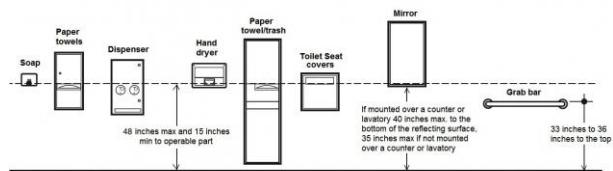
55 inches above  
finished floor

#### Recommendation:

Lower paper tower dispenser 5 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297408 Main Photo

## Women's Restroom S112

### Finding: 110

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self-closing

#### Recommendation:

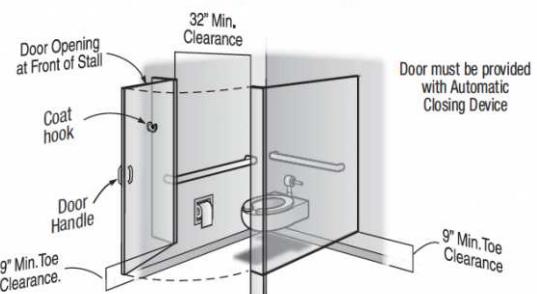
Adjust or install automatic closing hinges.

#### Notes:

N/A



COMPARTMENT DOORS



Finding 297409 Main Photo

## **Women's Restroom S112**

### **Finding: 111**

**The water closet compartment door is missing a loop handle on the inside.**

**Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### **Citation:**

**2010 ADAS Section: 604.8.1.2**

#### **As Built:**

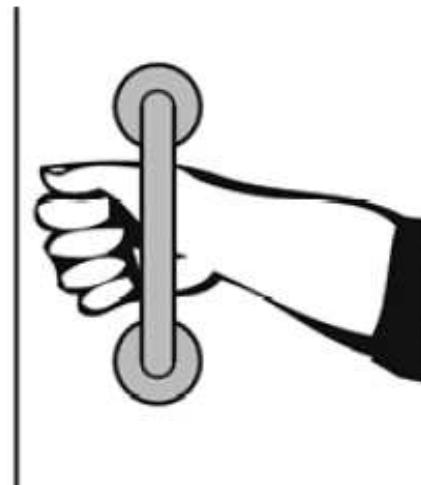
**Missing the loop  
handle on the inside  
of compartment door**

#### **Recommendation:**

**Install loop or U-shape handle on the inside of the compartment door.**

#### **Notes:**

**N/A**



**Finding 297410 Main Photo**

## Women's Restroom S112

### Finding: 112

The toilet compartment is not wide enough.

Toilet compartments must be a minimum of 60 inches in width.

2010 ADAS Section 604.8.1.1

Wheelchair accessible compartments shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 56 inches (1420 mm) deep minimum for wall hung water closets and 59 inches (1500 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 59 inches (1500 mm) deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

#### Citation:

2010 ADAS Section: 604.8.1.1

#### As Built:

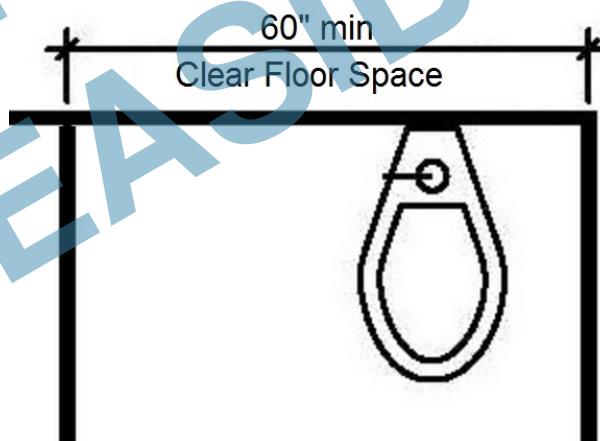
36 inches in width

#### Recommendation:

Providing the minimum required width clearance to the restroom is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297411 Main Photo

## Women's Restroom S112

### Finding: 113

The toilet seat cover dispenser is mounted too high.

Dispensers must have operable parts a maximum of 48 inches above the floor. Toilet seat covers must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space that allows a side or forward approach.

2010 ADAS Section 308.1

Reach ranges shall comply with 308.

#### Citation:

2010 ADAS Section: 308.1

#### As Built:

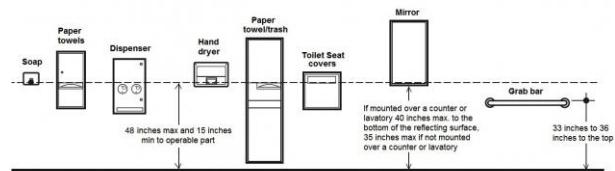
59 inches above  
finished floor

#### Recommendation:

Re-locate toilet seat cover dispenser below either side grab bar at least 1.5 inches minimum below grab bars but no less than 15 inches above finished floor to meet compliance.

#### Notes:

N/A



Finding 297412 Main Photo

## Women's Restroom S112

### Finding: 114

The toilet is not located within the range allowed from the side wall or partition.

The centerline of the toilet must be 16 to 18 inches from the side wall.

2010 ADAS Section 604.2

*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.*

#### Citation:

2010 ADAS Section: 604.2

#### As Built:

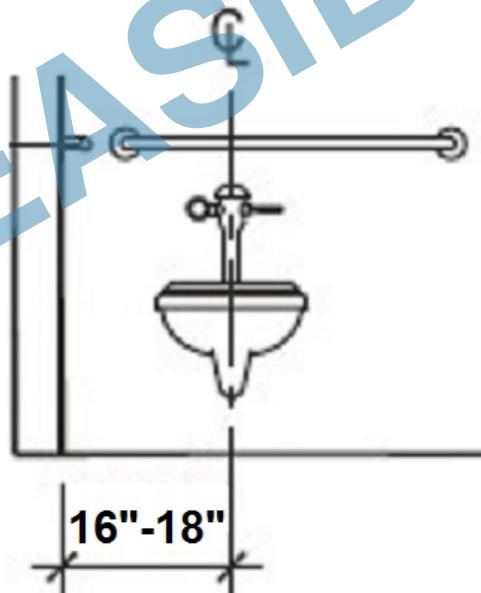
19.5 inches from side  
wall

#### Recommendation:

Providing the minimum required reach range to the toilet is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297413 Main Photo

## **Women's Restroom S112**

### **Finding: 115**

**The locking/latching hardware is not accessible.**

**Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### **Citation:**

**2010 ADAS Section: 604.8.1.2**

#### **As Built:**

**Toilet compartment  
(Stall) door lock was  
not operable with one  
hand without tight  
grasping, pinching or  
twisting of the wrist.**

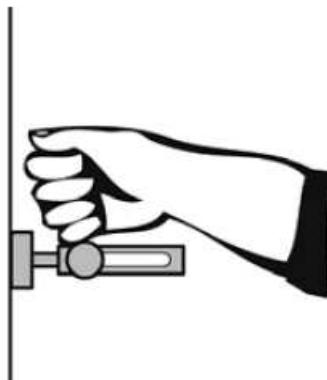
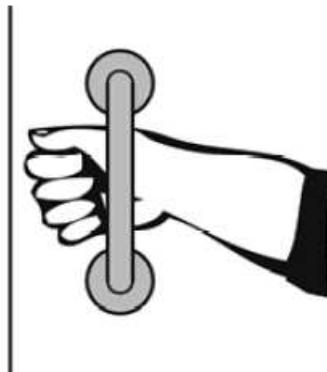
#### **Recommendation:**

Work order # 333858 was submitted to door lock . Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches minimum and 48 inches maximum above the finish floor or ground. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.44 of attach.

#### **Notes:**

**Corrective Action: Work order # 333858 was submitted for correction.**

**Finding #115 Continued**



**Finding 297511 Main Photo**

## Women's Restroom S217

### Finding: 116

Accessible toilets must have grab bars installed.

The side grab bar must extend at least 54 inches minimum beyond the rear wall and start a maximum of 12 inches from the rear wall.

The rear grab bar must be a minimum of 36 inches long and extend from the centerline of the toilet 12 inches minimum on one side and 24 inches minimum on the other side.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface.

2010 ADAS Section 604.5

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.

#### Citation:

2010 ADAS Section: 604.5

#### As Built:

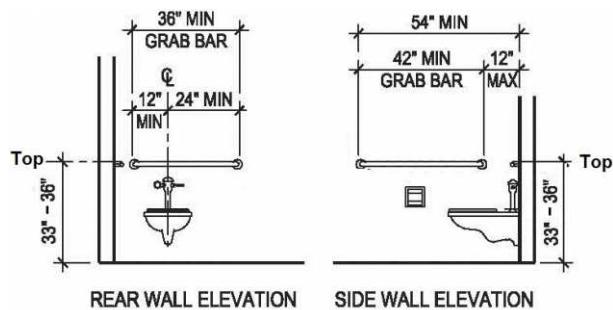
Missing grab bars

#### Recommendation:

Install 1 side and 1 rear grab bar at 36 inches maximum above finished floor measured to the top of the gripping surface. Please see finding details for compliant measurements. Rear grab bar may not meet compliance clearances due to structural limitations.

#### Notes:

N/A



Finding 297312 Main Photo

**Finding #116 Additional Finding Photos**



Finding 297312 Additional Photo



Finding 297312 Additional Photo

**Women's Restroom S217**

**Finding: 117**

**The compartment door is not self closing.**

**The water closet compartment shall be equipped with a door that has an automatic-closing device.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

2010 ADAS Section: 604.8.1.2

**As Built:**

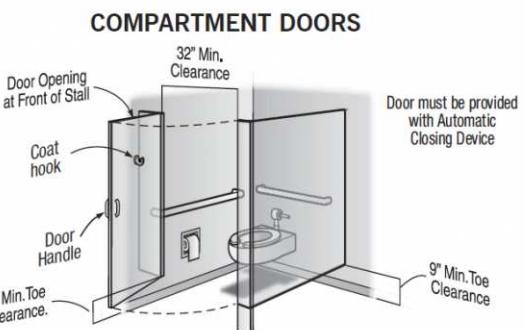
Door not self-closing

**Recommendation:**

Adjust or install automatic closing hinges.

**Notes:**

N/A



Finding 297315 Main Photo

## Women's Restroom S217

### Finding: 118

The toilet seat is not located within the range allowed off the floor.

The height of accessible water closets shall be a minimum of 17 inches and a maximum of 19 inches measured to the top of a maximum 2-inch high toilet seat.

2010 ADAS Section 604.4

*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.*

#### Citation:

2010 ADAS Section: 604.4

#### As Built:

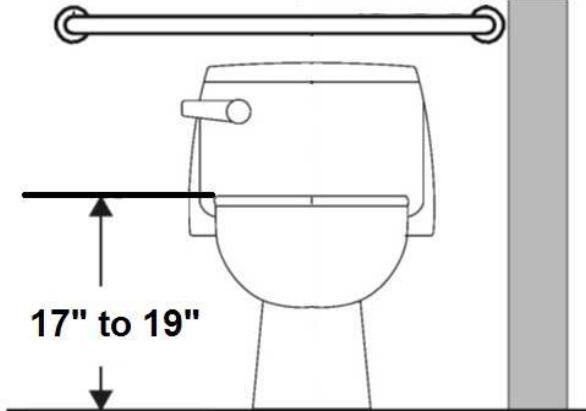
15.5 inches above  
finished floor

#### Recommendation:

Replace toilet or replace toilet seat with one that will meet the minimum height requirement of 17 inches.

#### Notes:

N/A



Finding 297316 Main Photo

## Women's Restroom S217

### Finding: 119

The toilet seat cover dispenser is mounted too high.

Dispensers must have operable parts a maximum of 48 inches above the floor. Toilet seat covers must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space that allows a side or forward approach.

2010 ADAS Section 308.1

Reach ranges shall comply with 308.

#### Citation:

2010 ADAS Section: 308.1

#### As Built:

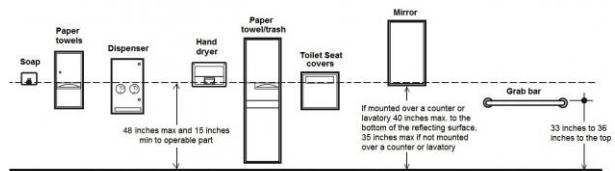
58.5 inches above  
finished floor

#### Recommendation:

Re-locate toilet seat cover dispenser below either grab bar at least 1.5 inches minimum below grab bars but no less than 15 inches above finished floor to meet compliance.

#### Notes:

N/A



Finding 297317 Main Photo

## **Women's Restroom S217**

### **Finding: 120**

**The water and drain pipes under the lavatory are not adequately insulated.**

**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.**

*2010 ADAS Section 606.5*

*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.*

#### **Citation:**

**2010 ADAS Section: 606.5**

#### **As Built:**

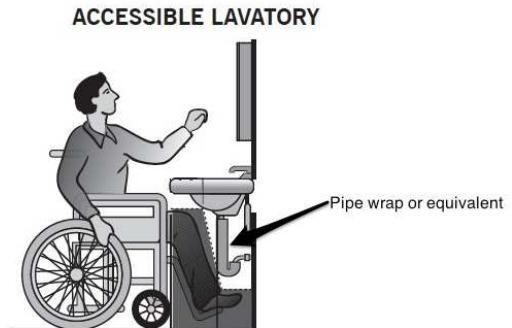
**No drain pipe insulation**

#### **Recommendation:**

**Insulate drain pipes under lavatory.**

#### **Notes:**

**N/A**



**Finding 297318 Main Photo**

## **Women's Restroom S217**

### **Finding: 121**

**The faucet controls require twisting of the wrist.**

**Faucet controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 lb. Lever-operated, push-type and electronically controlled mechanisms are examples of acceptable designs. Self-closing valves are allowed if the faucet remains open for at least 10 seconds.**

*2010 ADAS Section 606.4*

*Controls for faucets shall comply with 309. Hand-operated metering faucets shall remain open for 10 seconds minimum.*

#### **Citation:**

**2010 ADAS Section: 606.4**

#### **As Built:**

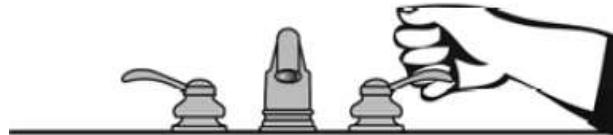
**Faucet controls  
require twisting and  
grasping**

#### **Recommendation:**

**Install lever type faucet controls that do not require tight grasping, pinching or twisting of the wrist.**

#### **Notes:**

**N/A**



**Finding 297319 Main Photo**

## Women's Restroom S217

### Finding: 122

The mirror is mounted too high.

Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground.

2010 ADAS Section 603.3

*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 35 inches (890 mm) maximum above the finish floor or ground.*

#### Citation:

2010 ADAS Section: 603.3

#### As Built:

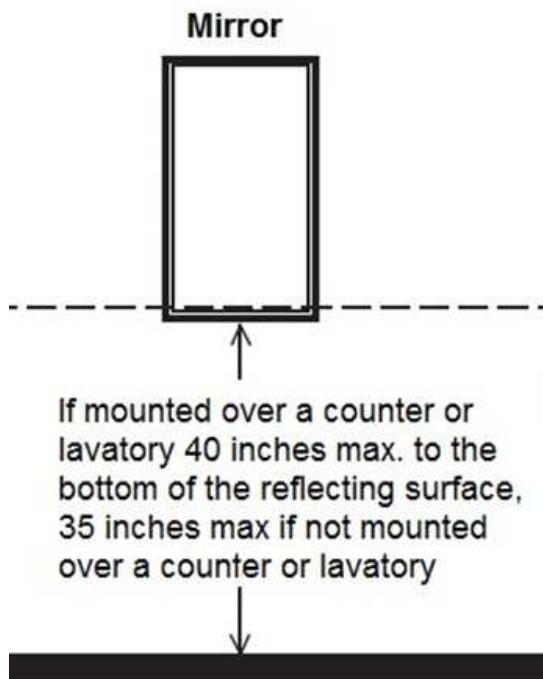
49 inches above  
finished floor

#### Recommendation:

Lower mirror to a maximum of 40 inches above finished floor measured to the reflective surface.  
Recommend lowering mirror 2 inches.

#### Notes:

N/A



Finding 297321 Main Photo

## Women's Restroom S217

### Finding: 123

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

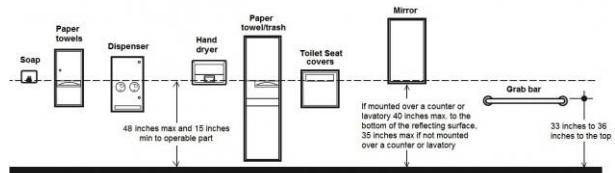
52.5 inches above  
finished floor

#### Recommendation:

Lower paper tower dispenser 6 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297322 Main Photo

## Women's Restroom S217

### Finding: 124

The maneuvering space between the two doors in the vestibule is noncompliant.

The distance between two hinged or pivoted doors in series shall be 48 inches minimum plus the width of doors or gates swinging into the space.

2010 ADAS Section 404.2.6

*The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.*

#### Citation:

2010 ADAS Section: 404.2.6

#### As Built:

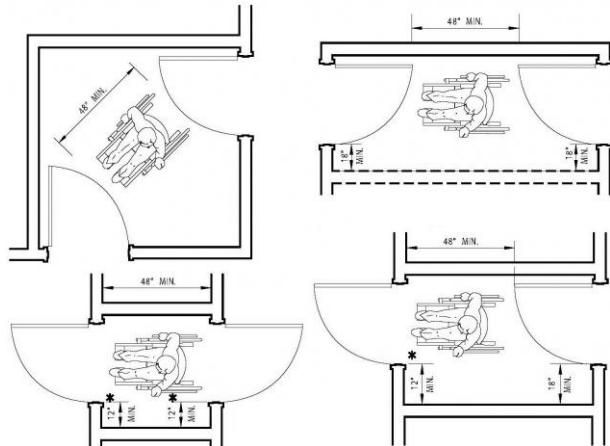
34 inches between  
doors in series

#### Recommendation:

Recommend installing automatic door openers. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297323 Main Photo

Women's Restroom S217

Finding: 125

The toilet compartment is not wide enough.

Toilet compartments must be a minimum of 60 inches in width.

2010 ADAS Section 604.8.1.1

Wheelchair accessible compartments shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 56 inches (1420 mm) deep minimum for wall hung water closets and 59 inches (1500 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 59 inches (1500 mm) deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

Citation:

2010 ADAS Section: 604.8.1.1

As Built:

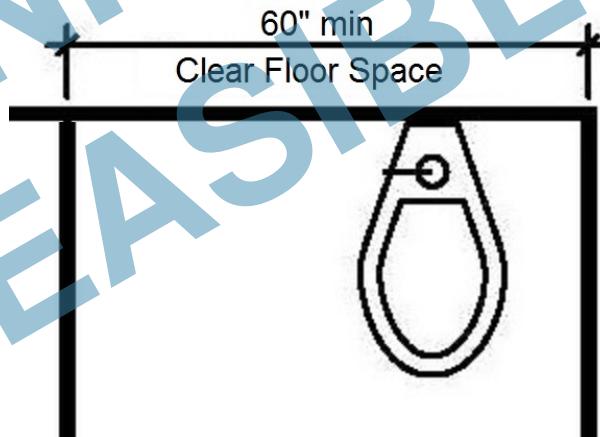
31.5 inches wide

Recommendation:

Providing the minimum required width clearance in the compartment is technically infeasible at this time because the alteration would require major renovation, removing or altering a load-bearing member that is an essential part of the structural frame. Best practice measures are recommended to ensure restroom is accessible to the extent possible. Fully accessible restrooms are provided on the West Tower.

Notes:

N/A



Finding 297313 Main Photo

## Women's Restroom S217

### Finding: 126

The water closet compartment door is missing a loop handle.

Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

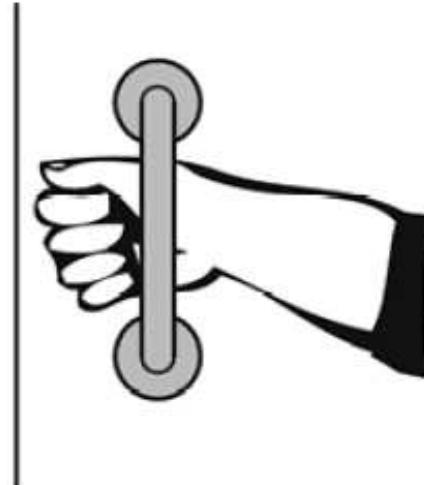
Compartiment door  
missing loop handles

#### Recommendation:

Install loop or U-shape handles on the inside and outside of the compartment door.

#### Notes:

N/A



Finding 297314 Main Photo

## Finding #126 Additional Finding Photos



Finding 297314 Additional Photo

## Women's Restroom S217

### Finding: 127

The coat hook is installed greater than 48 inches above the finished floor.

Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum above the finished floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

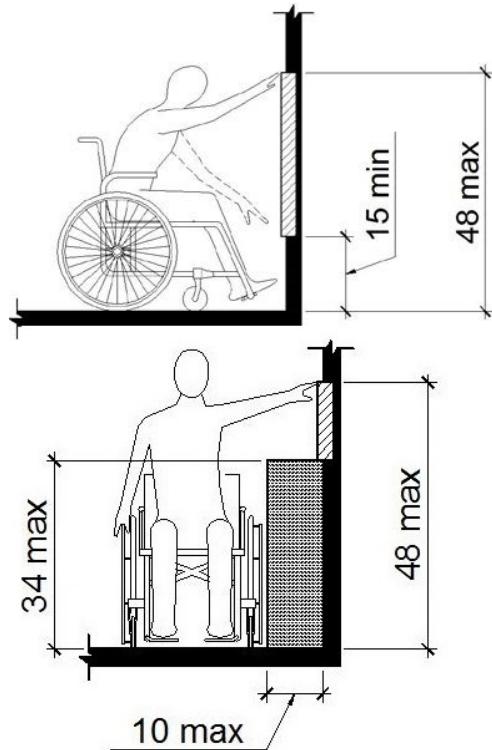
66.5 inches above  
finished floor

#### Recommendation:

Lower coat hook 20 inches minimum. Not to exceed a maximum height of 48 inches above finished floor.

#### Notes:

N/A



Considered  
Unobstructed

Finding 297417 Main Photo

## Women's Restroom S217

### Finding: 128

Knee clearance at 27 inches off the floor is not 8 inches minimum deep.

The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.3

Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

#### Citation:

2010 ADAS Section: 306.3.3

#### As Built:

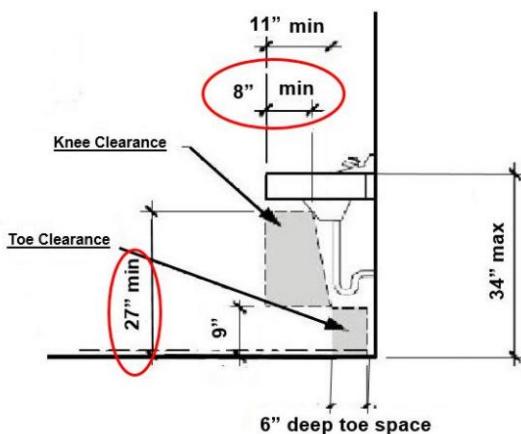
No knee clearance provided under lavatory

#### Recommendation:

Replace lavatory with one that provides a minimum height from the bottom edge of no less than 27 inches above finished floor and 8 inches minimum in depth for knee clearance.

#### Notes:

N/A



Finding 297320 Main Photo

## Finding #128 Additional Finding Photos



Finding 297320 Additional Photo

## Women's Restroom S217

### Finding: 129

The compartment door does not have an unobstructed clear opening width of 32 inches.

The water closet compartment shall be equipped with a door that has an automatic-closing device, and must have a clear, unobstructed opening width 32 inches.

2010 ADAS Section 404.2.3

Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

#### Citation:

2010 ADAS Section: 404.2.3

#### As Built:

21 inches wide

#### Recommendation:

Providing the minimum required width clearance to the restroom is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297471 Main Photo

## Women's Restroom S217

### Finding: 130

The pictogram field contains characters and/or Braille.

Pictograms shall have a field height of 6 inches minimum. Characters and braille shall not be located in the pictogram field.

2010 ADAS Section 703.6.1

Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

#### Citation:

2010 ADAS Section: 703.6.1

#### As Built:

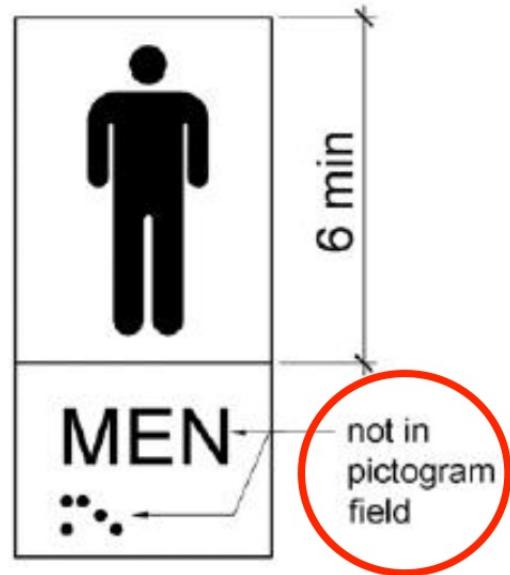
Pictogram 4 inches in height

#### Recommendation:

Replace sign with compliant pictogram field of no less than 6 inches in height.

#### Notes:

N/A



Finding 297490 Main Photo

## Women's Restroom S217

### Finding: 131

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

Requires 8 pounds of pressure to open

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297527 Main Photo

## Women's Restroom S217

### Finding: 132

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

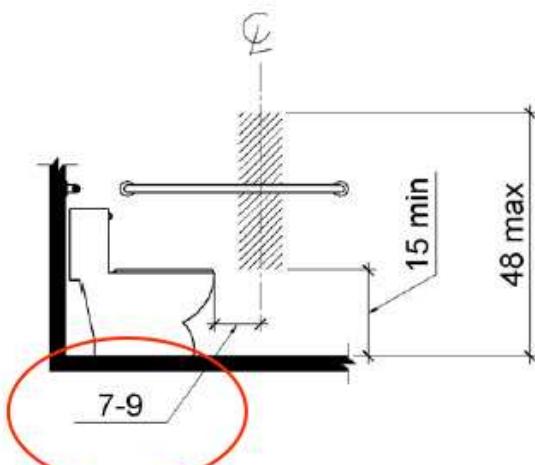
2 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297529 Main Photo

**Women's Restroom S217**

**Finding: 133**

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

**Citation:**

**2010 ADAS Section: 404.2.8.1**

**As Built:**

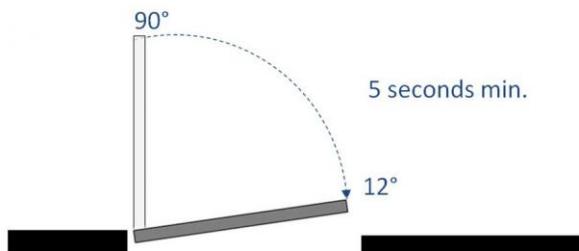
**3 seconds to closed  
the position**

**Recommendation:**

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

**Notes:**

N/A



Finding 297531 Main Photo

**Women's Restroom S217**

**Finding: 134**

**The locking/latching hardware is not accessible.**

**Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

**2010 ADAS Section: 604.8.1.2**

**As Built:**

**Toilet compartment  
(Stall) door lock was  
not operable with one  
hand without tight  
grasping, pinching or  
twisting of the wrist.**

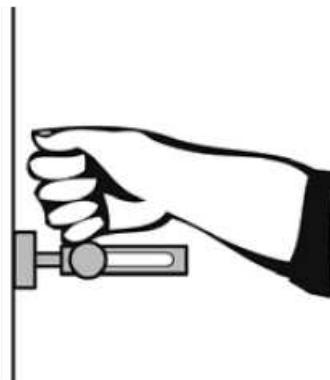
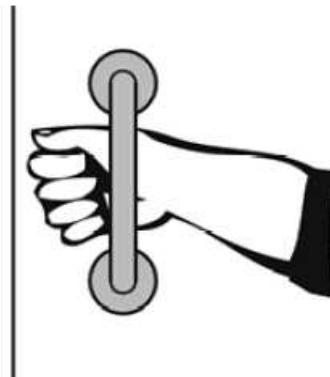
**Recommendation:**

Work order # 333858 was submitted to door lock . Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches minimum and 48 inches maximum above the finish floor or ground. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.44 of attach.

**Notes:**

**Corrective Action: Work order # 333858 was submitted for correction.**

**Finding #134 Continued**



**Finding 297513 Main Photo**

## Women's Restroom S315

### Finding: 135

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

#### Citation:

2010 ADAS Section: 404.2.8.1

#### As Built:

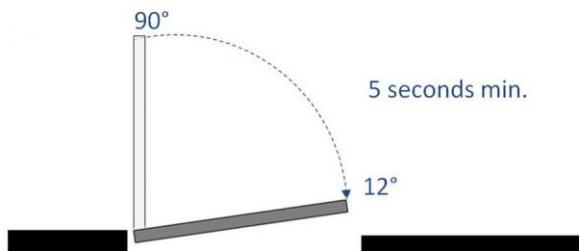
3 seconds to closed position

#### Recommendation:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

#### Notes:

N/A



Finding 297347 Main Photo

## Women's Restroom S315

### Finding: 136

The water and drain pipes under the lavatory are not adequately insulated.

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.

2010 ADAS Section 606.5

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.

#### Citation:

2010 ADAS Section: 606.5

#### As Built:

Missing drain pipe insulation under lavatory

#### Recommendation:

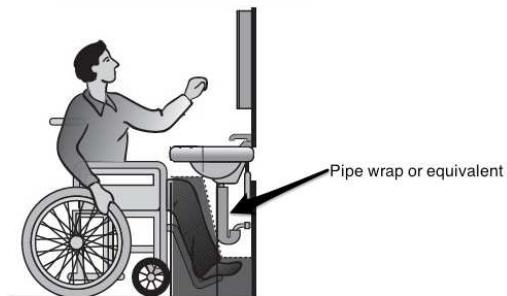
Insulate drain pipes under lavatory.

#### Notes:

N/A



ACCESSIBLE LAVATORY



Finding 297348 Main Photo

**Women's Restroom S315**

**Finding: 137**

The faucet controls require twisting of the wrist.

Faucet controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 lb. Lever-operated, push-type and electronically controlled mechanisms are examples of acceptable designs. Self-closing valves are allowed if the faucet remains open for at least 10 seconds.

*2010 ADAS Section 606.4*

*Controls for faucets shall comply with 309. Hand-operated metering faucets shall remain open for 10 seconds minimum.*

**Citation:**

2010 ADAS Section: 606.4

**As Built:**

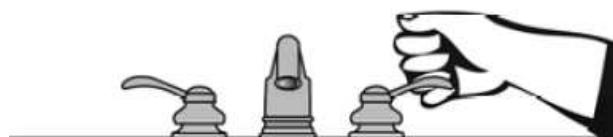
Faucet controls  
require tight grasping

**Recommendation:**

Install lever type faucet controls that do not require tight grasping, pinching or twisting of the wrist.

**Notes:**

N/A



Finding 297349 Main Photo

## Women's Restroom S315

### Finding: 138

The mirror is mounted too high.

Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground.

2010 ADAS Section 603.3

*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 35 inches (890 mm) maximum above the finish floor or ground.*

#### Citation:

2010 ADAS Section: 603.3

#### As Built:

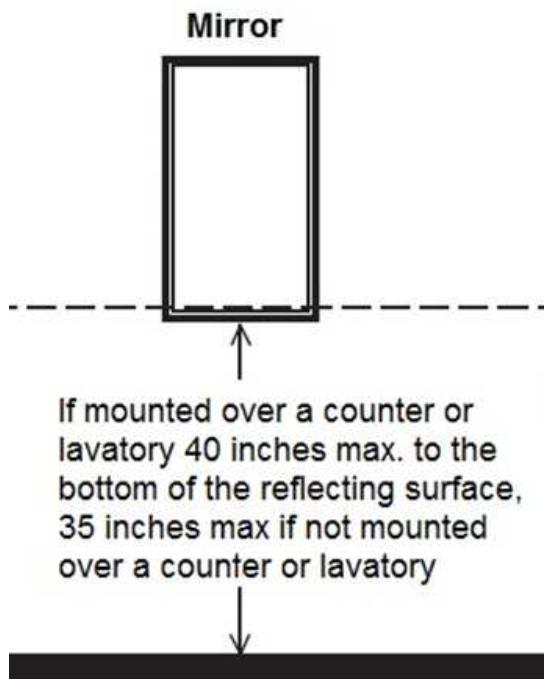
47.5 inches above  
finished floor

#### Recommendation:

Lower mirror to a maximum of 40 inches above finished floor measured to the bottom edge of the reflective surface. Recommend lowering mirror a 9 inches.

#### Notes:

N/A



Finding 297350 Main Photo

## Women's Restroom S315

### Finding: 139

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

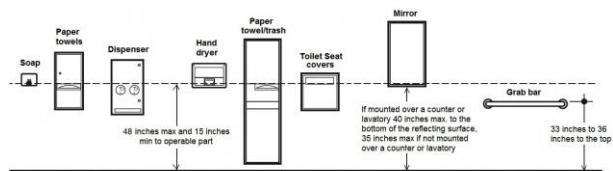
52.5 inches above  
finished floor

#### Recommendation:

Lower paper tower dispenser 5 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297351 Main Photo

## Women's Restroom S315

### Finding: 140

Accessible toilets must have grab bars installed.

The side grab bar must extend at least 54 inches minimum beyond the rear wall and start a maximum of 12 inches from the rear wall.

The rear grab bar must be a minimum of 36 inches long and extend from the centerline of the toilet 12 inches minimum on one side and 24 inches minimum on the other side.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface.

2010 ADAS Section 604.5

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.

#### Citation:

2010 ADAS Section: 604.5

#### As Built:

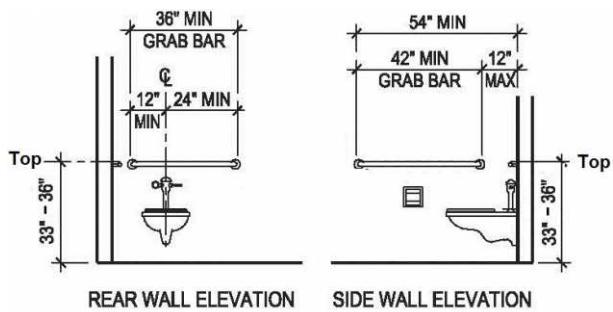
Missing grab bars

#### Recommendation:

Install 1 side and 1 rear grab bar at 36 inches maximum above finished floor measured to the top of the gripping surface. Please see finding details for compliant measurements. Rear grab bar may not meet compliance clearances due to structural limitations.

#### Notes:

N/A



Finding 297352 Main Photo

## Women's Restroom S315

### Finding: 141

The toilet seat cover dispenser is mounted too high.

Dispensers must have operable parts a maximum of 48 inches above the floor. Toilet seat covers must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space that allows a side or forward approach.

2010 ADAS Section 308.1

Reach ranges shall comply with 308.

#### Citation:

2010 ADAS Section: 308.1

#### As Built:

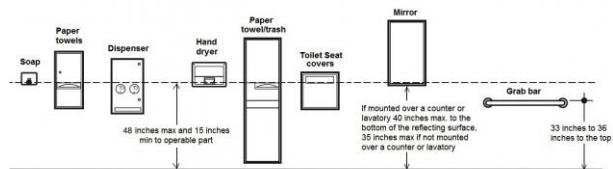
58.5 inches above  
finished floor

#### Recommendation:

Re-locate toilet seat cover dispenser below either grab bar at least 1.5 inches minimum below grab bars but no less than 15 inches above finished floor to meet compliance.

#### Notes:

N/A



Finding 297353 Main Photo

## Women's Restroom S315

### Finding: 142

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self-closing

#### Recommendation:

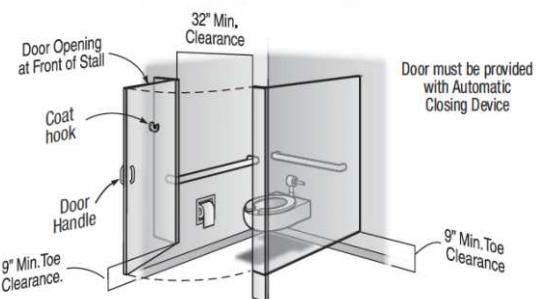
Adjust or install automatic closing hinges.

#### Notes:

N/A



COMPARTMENT DOORS



Finding 297354 Main Photo

**Women's Restroom S315**

**Finding: 143**

The water closet compartment door is missing a loop handle.

Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

2010 ADAS Section: 604.8.1.2

**As Built:**

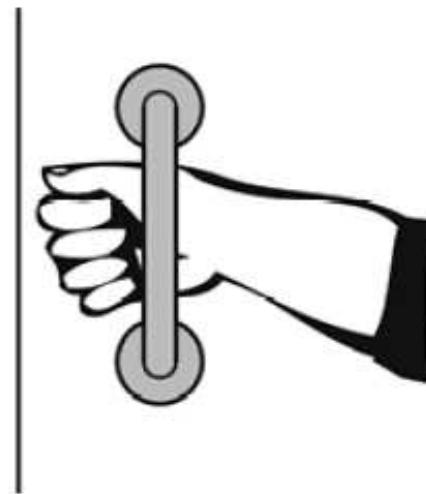
Missing loop handles

**Recommendation:**

Install loop or U-shape handles on the inside and outside of the compartment door.

**Notes:**

N/A



Finding 297355 Main Photo

## Women's Restroom S315

### Finding: 144

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

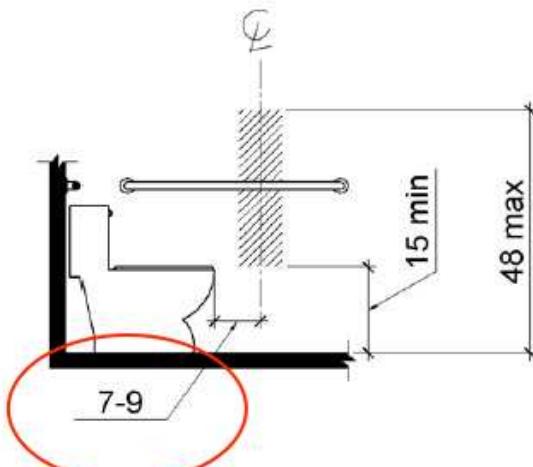
4 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297356 Main Photo

## Women's Restroom S315

### Finding: 145

The toilet seat is not located within the range allowed off the floor.

The height of accessible water closets shall be a minimum of 17 inches and a maximum of 19 inches measured to the top of a maximum 2-inch high toilet seat.

2010 ADAS Section 604.4

*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.*

#### Citation:

2010 ADAS Section: 604.4

#### As Built:

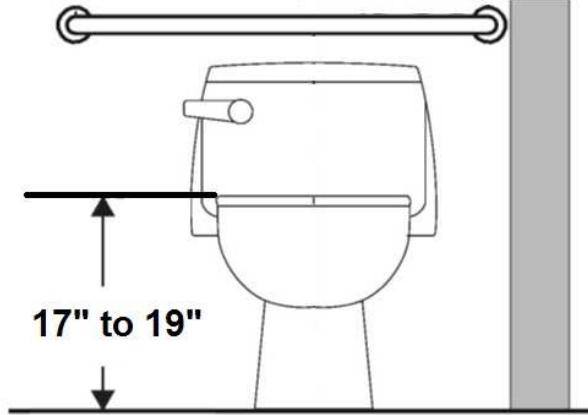
16.25 above finished  
floor

#### Recommendation:

Adjust toilet height, replace toilet or replace toilet seat with one that will meet the minimum height requirement of 17 inches.

#### Notes:

N/A



Finding 297357 Main Photo

Women's Restroom S315

Finding: 146

The toilet compartment is not wide enough.

Toilet compartments must be a minimum of 60 inches in width.

2010 ADAS Section 604.8.1.1

Wheelchair accessible compartments shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 56 inches (1420 mm) deep minimum for wall hung water closets and 59 inches (1500 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 59 inches (1500 mm) deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

Citation:

2010 ADAS Section: 604.8.1.1

As Built:

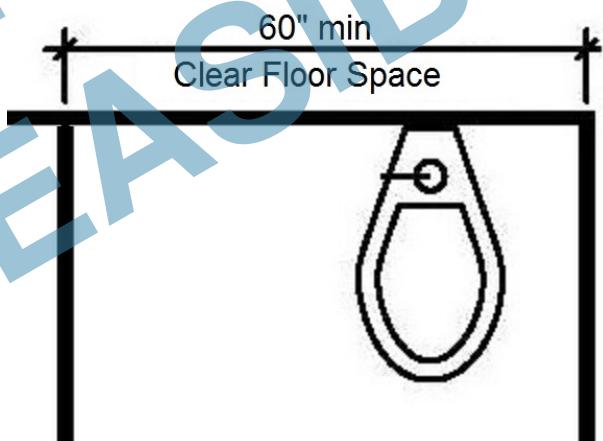
32 inches wide

Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

Notes:

N/A



Finding 297358 Main Photo

## Women's Restroom S315

### Finding: 147

The compartment door does not have an unobstructed clear opening width of 32 inches.

The water closet compartment shall be equipped with a door that has an automatic-closing device, and must have a clear, unobstructed opening width 32 inches.

2010 ADAS Section 404.2.3

Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

#### Citation:

2010 ADAS Section: 404.2.3

#### As Built:

21.5 inches wide

#### Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297359 Main Photo

## Women's Restroom S315

### Finding: 148

Knee clearance at 27 inches off the floor is not 8 inches minimum deep.

The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.3

Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

#### Citation:

2010 ADAS Section: 306.3.3

#### As Built:

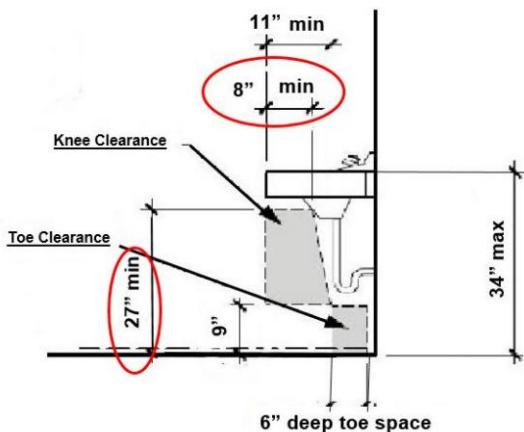
No knee clearance provided under lavatory

#### Recommendation:

Replace lavatory with one that provides a minimum height from the bottom edge of no less than 27 inches above finished floor and 8 inches minimum in depth for knee clearance.

#### Notes:

N/A



Finding 297360 Main Photo

## Women's Restroom S315

### Finding: 149

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

8 pounds of force  
required

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297362 Main Photo

## Women's Restroom S315

### Finding: 150

The coat hook is installed greater than 48 inches above the finished floor.

Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum above the finished floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

65.5 inches above  
finished floor

#### Recommendation:

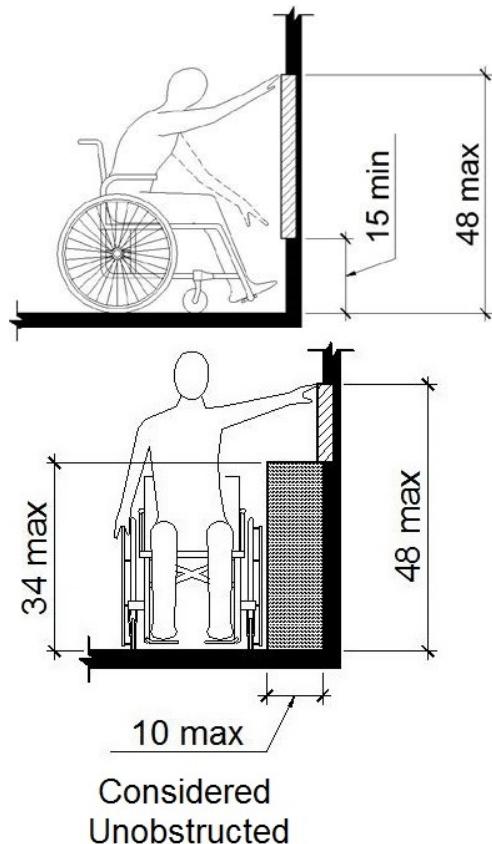
Lower coat hook 19 inches minimum. Not to exceed a maximum height of 48 inches above finished floor.

#### Notes:

N/A



Finding 297419 Main Photo



## Women's Restroom S315

### Finding: 151

The pictogram field contains characters and/or Braille.

Pictograms shall have a field height of 6 inches minimum. Characters and braille shall not be located in the pictogram field.

2010 ADAS Section 703.6.1

Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

#### Citation:

2010 ADAS Section: 703.6.1

#### As Built:

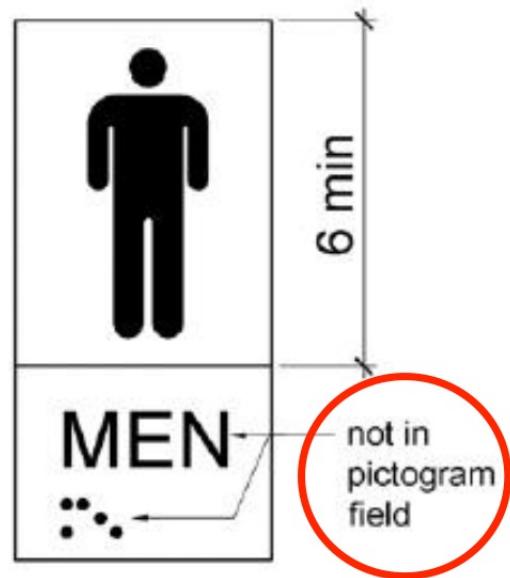
Pictogram 4 inches in height

#### Recommendation:

Replace sign with compliant pictogram filed of no less than 6 inches in height.

#### Notes:

N/A



Finding 297492 Main Photo

## Women's Restroom S315

### Finding: 152

The maneuvering space between the two doors in the vestibule is noncompliant.

The distance between two hinged or pivoted doors in series shall be 48 inches minimum plus the width of doors or gates swinging into the space.

2010 ADAS Section 404.2.6

*The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.*

#### Citation:

2010 ADAS Section: 404.2.6

#### As Built:

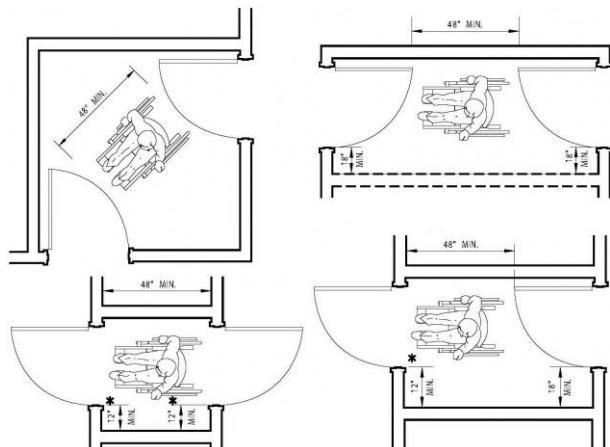
34 inches of clearance between doors

#### Recommendation:

Recommend installing automatic door openers. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297510 Main Photo

## Women's Restroom S315

### Finding: 153

The locking/latching hardware is not accessible.

Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

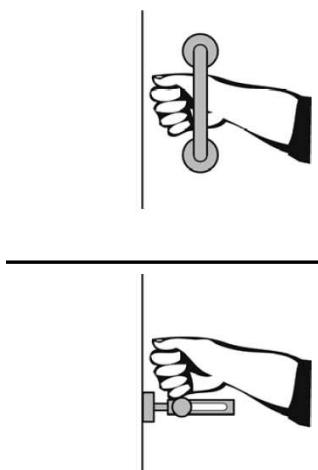
Toilet compartment  
(Stall) door lock was  
not operable with one  
hand without tight  
grasping, pinching or  
twisting of the wrist.

#### Recommendation:

Replace locking hardware with locking lever that does not require tight grasping, tight pinching or twisting of the wrist to operate.

#### Notes:

N/A



Finding 297516 Main Photo

## Women's Restroom S417

### Finding: 154

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

8 pounds of pressure  
required

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297363 Main Photo

**Women's Restroom S417**

**Finding: 155**

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

**Citation:**

**2010 ADAS Section: 404.2.8.1**

**As Built:**

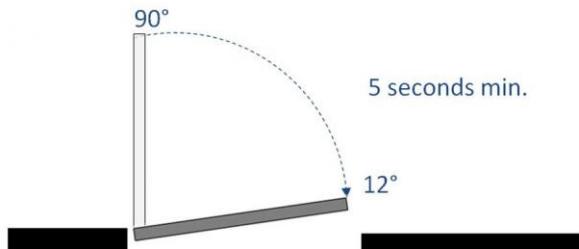
**3 seconds to closed  
the position**

**Recommendation:**

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

**Notes:**

N/A



**Finding 297364 Main Photo**

## Women's Restroom S417

### Finding: 156

The maneuvering space between the two doors in the vestibule is noncompliant.

The distance between two hinged or pivoted doors in series shall be 48 inches minimum plus the width of doors or gates swinging into the space.

2010 ADAS Section 404.2.6

*The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.*

#### Citation:

2010 ADAS Section: 404.2.6

#### As Built:

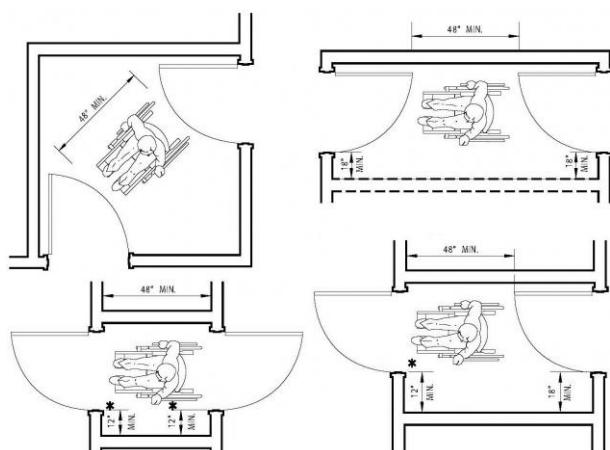
34 inches of clearance between doors

#### Recommendation:

Recommend installing automatic door openers. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297365 Main Photo

## Women's Restroom S417

### Finding: 157

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

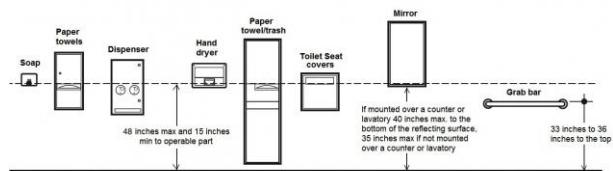
53 inches above  
finished floor

#### Recommendation:

Lower paper tower dispenser 7 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297366 Main Photo

**Women's Restroom S417**

**Finding: 158**

**The water and drain pipes under the lavatory are not adequately insulated.**

**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.**

*2010 ADAS Section 606.5*

*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.*

**Citation:**

**2010 ADAS Section: 606.5**

**As Built:**

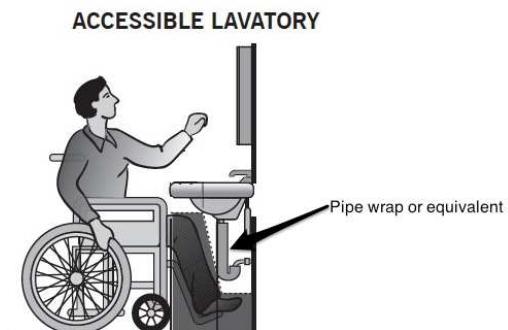
**Missing drain pipe insulation underneath lavatory**

**Recommendation:**

**Insulate drain pipes under lavatory.**

**Notes:**

**N/A**



**Finding 297367 Main Photo**

**Women's Restroom S417**

**Finding: 159**

The faucet controls require twisting of the wrist.

Faucet controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 lb. Lever-operated, push-type and electronically controlled mechanisms are examples of acceptable designs. Self-closing valves are allowed if the faucet remains open for at least 10 seconds.

*2010 ADAS Section 606.4*

*Controls for faucets shall comply with 309. Hand-operated metering faucets shall remain open for 10 seconds minimum.*

**Citation:**

2010 ADAS Section: 606.4

**As Built:**

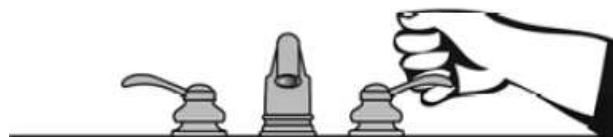
Faucet controls  
require tight grasping

**Recommendation:**

Install lever type faucet controls that do not require tight grasping, pinching or twisting of the wrist.

**Notes:**

N/A



Finding 297368 Main Photo

## Women's Restroom S417

### Finding: 160

The mirror is mounted too high.

Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground.

2010 ADAS Section 603.3

*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 35 inches (890 mm) maximum above the finish floor or ground.*

#### Citation:

2010 ADAS Section: 603.3

#### As Built:

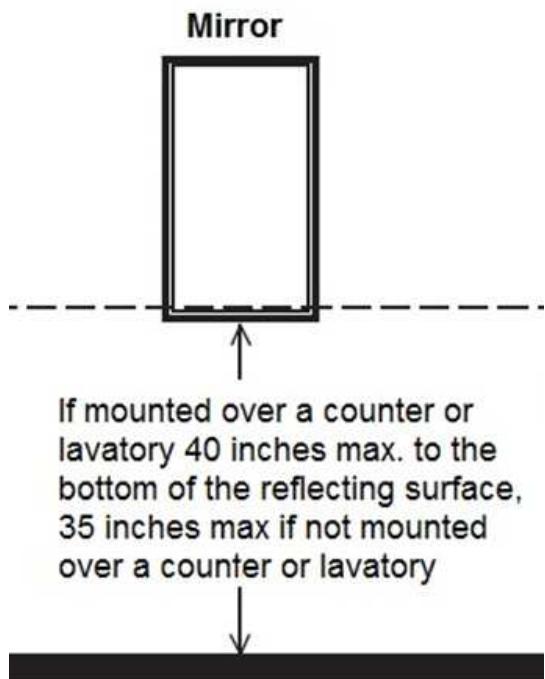
49.25 inches above  
finished floor

#### Recommendation:

Lower mirror to a maximum of 40 inches above finished floor measured to the bottom edge of the reflective surface. Recommend lowering mirror a 10 inches.

#### Notes:

N/A



Finding 297369 Main Photo

## Women's Restroom S417

### Finding: 161

Knee clearance at 27 inches off the floor is not 8 inches minimum deep.

The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.3

Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

#### Citation:

2010 ADAS Section: 306.3.3

#### As Built:

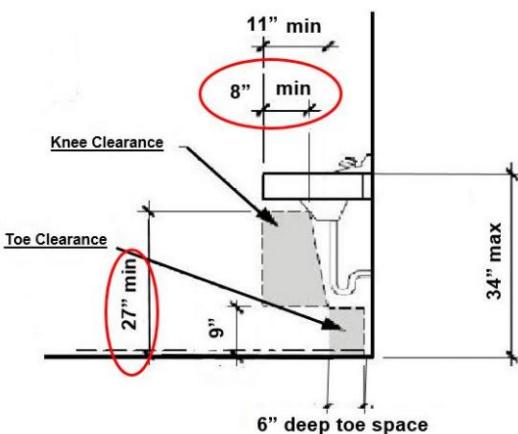
No knee clearance provided under lavatory

#### Recommendation:

Replace lavatory with one that provides a minimum height from the bottom edge of no less than 27 inches above finished floor and 8 inches minimum in depth for knee clearance.

#### Notes:

N/A



Finding 297370 Main Photo

**Women's Restroom S417**

**Finding: 162**

**The compartment door is not self closing.**

**The water closet compartment shall be equipped with a door that has an automatic-closing device.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

**2010 ADAS Section: 604.8.1.2**

**As Built:**

**Compartment door  
not self-closing**

**Recommendation:**

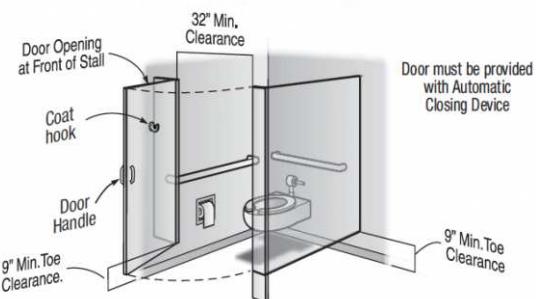
**Adjust or install automatic closing hinges.**

**Notes:**

**N/A**



**COMPARTMENT DOORS**



**Finding 297371 Main Photo**

Women's Restroom S417

Finding: 163

The toilet compartment is not wide enough.

Toilet compartments must be a minimum of 60 inches in width.

2010 ADAS Section 604.8.1.1

Wheelchair accessible compartments shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 56 inches (1420 mm) deep minimum for wall hung water closets and 59 inches (1500 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 59 inches (1500 mm) deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

Citation:

2010 ADAS Section: 604.8.1.1

As Built:

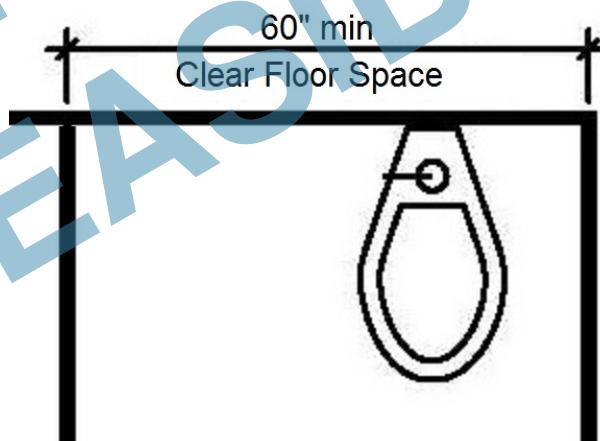
31 inches wide

Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

Notes:

N/A



Finding 297372 Main Photo

## Women's Restroom S417

### Finding: 164

Accessible toilets must have grab bars installed.

The side grab bar must extend at least 54 inches minimum beyond the rear wall and start a maximum of 12 inches from the rear wall.

The rear grab bar must be a minimum of 36 inches long and extend from the centerline of the toilet 12 inches minimum on one side and 24 inches minimum on the other side.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface.

2010 ADAS Section 604.5

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.

#### Citation:

2010 ADAS Section: 604.5

#### As Built:

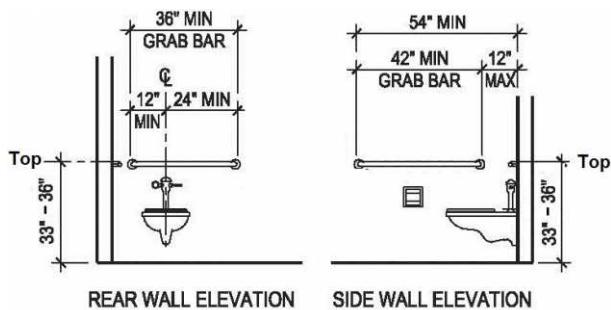
Missing grab bars

#### Recommendation:

Install 1 side and 1 rear grab bar at 36 inches maximum above finished floor measured to the top of the gripping surface. Please see finding details for compliant measurements. Rear grab bar may not meet compliance clearances due to structural limitations.

#### Notes:

N/A



Finding 297373 Main Photo

## Women's Restroom S417

### Finding: 165

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

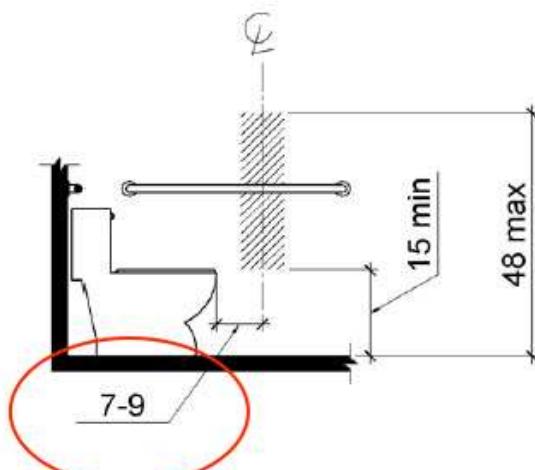
3 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297374 Main Photo

## Women's Restroom S417

### Finding: 166

The toilet seat cover dispenser is mounted too high.

Dispensers must have operable parts a maximum of 48 inches above the floor. Toilet seat covers must be on an accessible route. An accessible route of travel is 36 inches wide minimum and provides a 30 inch by 48 inch clear floor space that allows a side or forward approach.

2010 ADAS Section 308.1

Reach ranges shall comply with 308.

#### Citation:

2010 ADAS Section: 308.1

#### As Built:

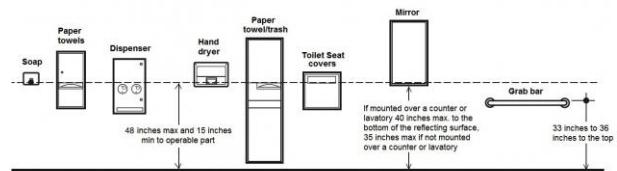
59 inches above  
finished floor

#### Recommendation:

Re-locate toilet seat cover dispenser below either grab bar at least 1.5 inches minimum below grab bars but no less than 15 inches above finished floor to meet compliance.

#### Notes:

N/A



Finding 297375 Main Photo

## Women's Restroom S417

### Finding: 167

The toilet seat is not located within the range allowed off the floor.

The height of accessible water closets shall be a minimum of 17 inches and a maximum of 19 inches measured to the top of a maximum 2-inch high toilet seat.

2010 ADAS Section 604.4

*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.*

#### Citation:

2010 ADAS Section: 604.4

#### As Built:

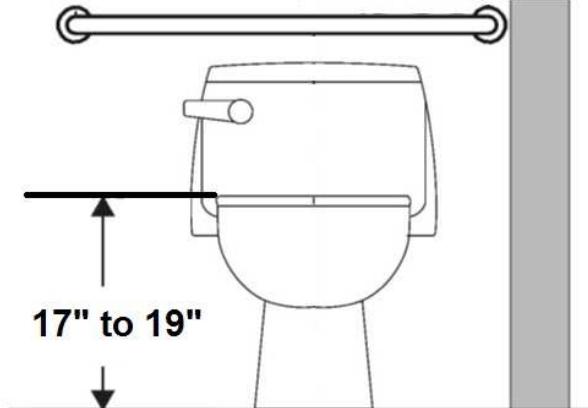
16 inches above  
finished floor

#### Recommendation:

Adjust toilet height, replace toilet or replace toilet seat with one that will meet the minimum height requirement of 17 inches.

#### Notes:

N/A



Finding 297376 Main Photo

**Women's Restroom S417**

**Finding: 168**

The water closet compartment door is missing a loop handle.

**Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

2010 ADAS Section: 604.8.1.2

**As Built:**

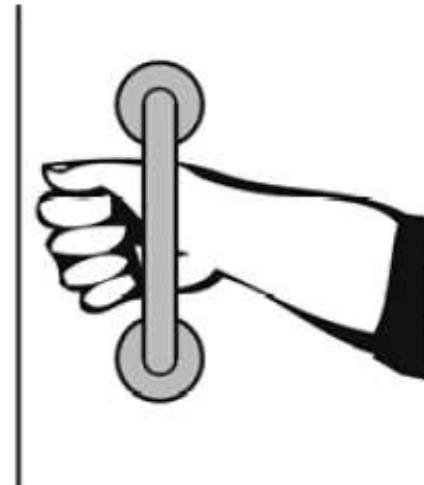
Compartment door  
missing loop handles

**Recommendation:**

Install loop or U-shape handles on the inside and outside of the compartment door.

**Notes:**

N/A



Finding 297377 Main Photo

## Women's Restroom S417

### Finding: 169

The compartment door does not have an unobstructed clear opening width of 32 inches.

The water closet compartment shall be equipped with a door that has an automatic-closing device, and must have a clear, unobstructed opening width 32 inches.

2010 ADAS Section 404.2.3

Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

#### Citation:

2010 ADAS Section: 404.2.3

#### As Built:

22.5 inches wide

#### Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297378 Main Photo

## Women's Restroom S417

### Finding: 170

The pictogram field contains characters and/or Braille.

Pictograms shall have a field height of 6 inches minimum. Characters and braille shall not be located in the pictogram field.

2010 ADAS Section 703.6.1

Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

#### Citation:

2010 ADAS Section: 703.6.1

#### As Built:

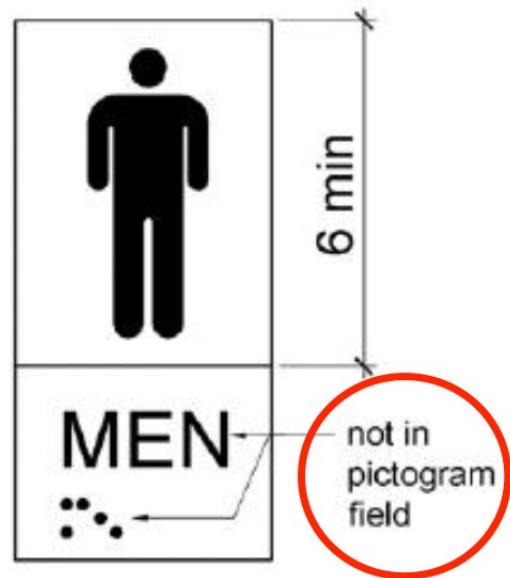
Pictogram 4 inches in height

#### Recommendation:

Replace sign with compliant pictogram field of no less than 6 inches in height.

#### Notes:

N/A



Finding 297493 Main Photo

## Women's Restroom S417

### Finding: 171

The locking/latching hardware is not accessible.

Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

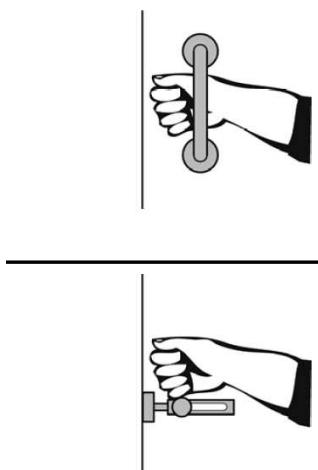
Toilet compartment  
(Stall) door lock was  
not operable with one  
hand without tight  
grasping, pinching or  
twisting of the wrist.

#### Recommendation:

Replace locking hardware with locking lever that does not require tight grasping, tight pinching or twisting of the wrist to operate.

#### Notes:

N/A



Finding 297518 Main Photo

## Women's Restroom S417

### Finding: 172

The coat hook is installed greater than 48 inches above the finished floor.

Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum above the finished floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

66 inches above  
finished floor

#### Recommendation:

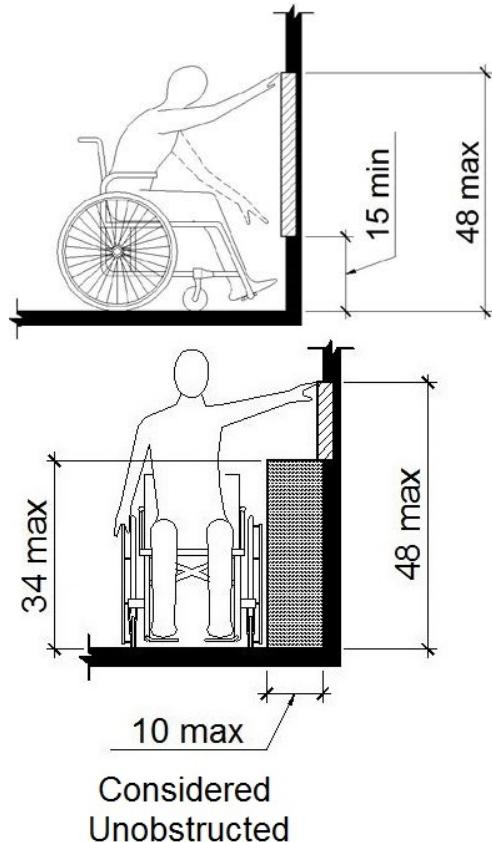
Lower coat hook 20 inches minimum. Not to exceed a maximum height of 48 inches above finished floor.

#### Notes:

N/A



Finding 297379 Main Photo



Considered  
Unobstructed

**Women's Restroom S517**

**Finding: 173**

**The door knob is not accessible because it requires tight grasping, pinching or twisting of the wrist.**

*2010 ADAS Section 309.4*

*Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.*

**Citation:**

**2010 ADAS Section: 309.4**

**As Built:**

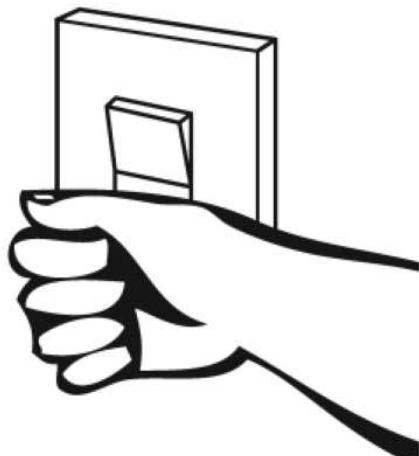
**Door knob requires  
tight grasping**

**Recommendation:**

**Install lever type door handle that does not require tight grasping, pinching or twisting of the wrist.**

**Notes:**

**N/A**



**Finding 297395 Main Photo**

## Women's Restroom S517

### Finding: 174

The maneuvering space between the two doors in the vestibule is noncompliant.

The distance between two hinged or pivoted doors in series shall be 48 inches minimum plus the width of doors or gates swinging into the space.

2010 ADAS Section 404.2.6

*The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.*

#### Citation:

2010 ADAS Section: 404.2.6

#### As Built:

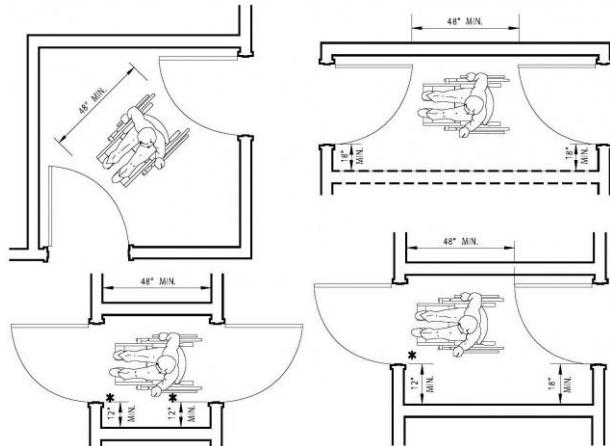
33.5 inches clearance  
between doors

#### Recommendation:

Recommend installing automatic door openers. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297396 Main Photo

## **Women's Restroom S517**

### **Finding: 175**

**The door exceeds the maximum pressure to open the door.**

**Interior doors shall have a maximum opening force of 5 pounds.**

**These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

**Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.**

*2010 ADAS Section 404.2.9*

*Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.*

#### **Citation:**

**2010 ADAS Section: 404.2.9**

#### **As Built:**

**8 pounds of force  
required**

#### **Recommendation:**

**Adjust door closer to 5 lbs of pressure or less.**

#### **Notes:**

**N/A**



**Finding 297397 Main Photo**

## Women's Restroom S517

### Finding: 176

The side grab bar is too high.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface and the space between the grab bar and the top of the tank shall be 1-1/2 inches minimum.

2010 ADAS Section 609.4

Grab bars shall be installed in a horizontal position, 33 inches (840 mm) minimum and 36 inches (915 mm) maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches (455 mm) minimum and 27 inches (685 mm) maximum above the finish floor measured to the top of the gripping surface. The height of the lower grab bar on the back wall of a bathtub shall comply with 607.4.1.1 or 607.4.2.1.

#### Citation:

2010 ADAS Section: 609.4

#### As Built:

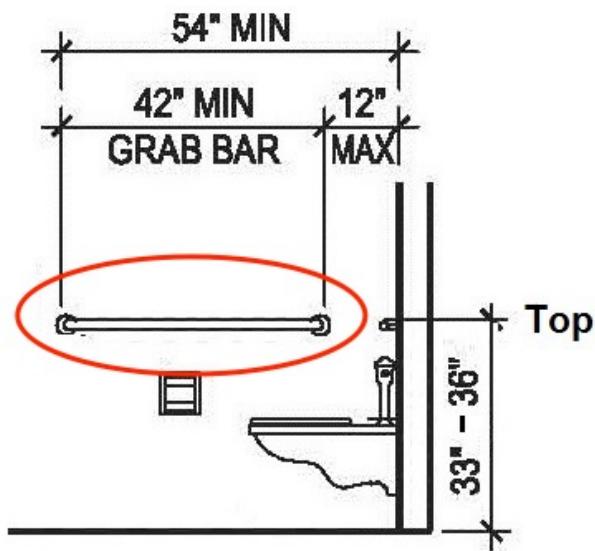
Both side grab bars  
36.75 inches above  
finished floor

#### Recommendation:

Re-position or install grab bar in a horizontal position 33 inches minimum and 36 inches maximum above the finished floor measured to the top of the gripping surface.

#### Notes:

N/A



Finding 297533 Main Photo

## Women's Restroom S517

### Finding: 177

The side grab bar is located greater than 12 inches from the rear wall.

The side grab bar must extend at least 54 inches minimum beyond the rear wall and start a maximum of 12 inches from the rear wall. A 42 inch grab bar installed the maximum distance from the rear wall (12 inches) will leave the leading end 54 inches from the rear wall. Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface.

2010 ADAS Section 604.5.1

*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.*

#### Citation:

2010 ADAS Section: 604.5.1

#### As Built:

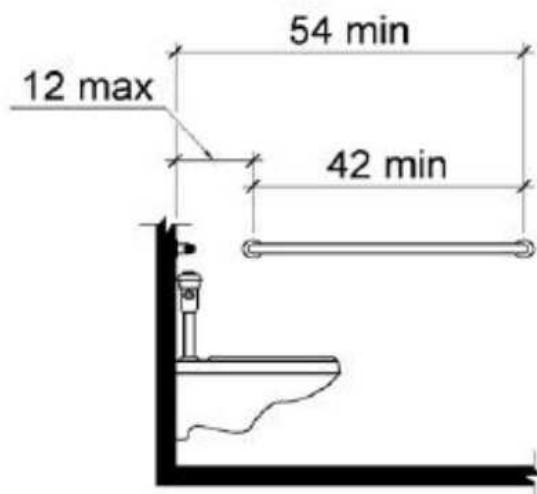
14.5 inches from rear wall

#### Recommendation:

Adjust side grab bar no to exceed 12 inches from rear wall. The side grab bar must extend at least 54 inches minimum beyond the rear wall.

#### Notes:

N/A



Finding 297534 Main Photo

## Women's Restroom S517

### Finding: 178

The side grab bar is not long enough.

The side grab bar must extend at least 54 inches minimum beyond the rear wall and start a maximum of 12 inches from the rear wall. A 42 inch grab bar installed the maximum distance from the rear wall (12 inches) will leave the leading end 54 inches from the rear wall. Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface.

2010 ADAS Section 604.5.1

*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.*

#### Citation:

2010 ADAS Section: 604.5.1

#### As Built:

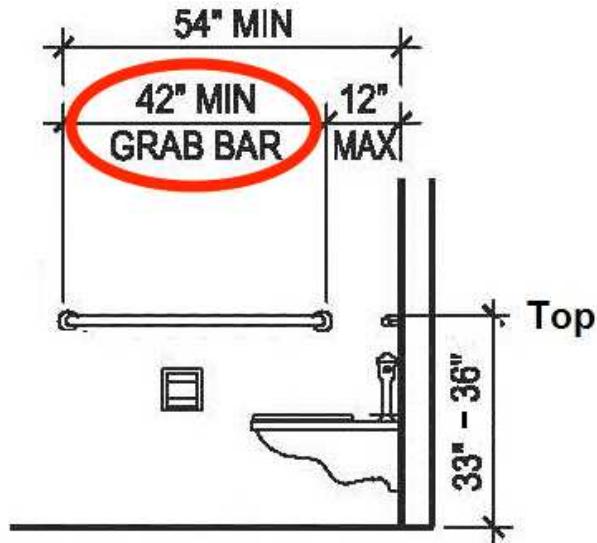
36 inches in length

#### Recommendation:

Install 42 inch minimum side grab bar.

#### Notes:

N/A



Finding 297535 Main Photo

## **Women's Restroom S517**

### **Finding: 179**

**Provide directional signage to the nearest accessible restrooms.**

**Signs that identify, direct to or give information about accessible elements and features of a building or site, shall have a non-glare finish, contrast with their background, be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I". Characters shall be uppercase or lowercase or a combination of both, conventional in form and shall not be italic, oblique, script, highly decorative, or of other unusual forms and be sized according to the viewing distance.**

*2010 ADAS Section 216.8*

*Where existing toilet rooms or bathing rooms do not comply with 603, directional signs indicating the location of the nearest toilet room or bathing room complying with 603 within the facility shall be provided. Signs shall comply with 703.5 and shall include the International Symbol of Accessibility complying with 703.7.2.1. Where existing toilet rooms or bathing rooms do not comply with 603, the toilet rooms or bathing rooms complying with 603 shall be identified by the International Symbol of Accessibility complying with 703.7.2.1. Where clustered single user toilet rooms or bathing facilities are permitted to use exceptions to 213.2, toilet rooms or bathing facilities complying with 603 shall be identified by the International Symbol of Accessibility complying with 703.7.2.1 unless all toilet rooms and bathing facilities comply with 603.*

#### **Citation:**

**2010 ADAS Section: 216.8**

#### **As Built:**

**Missing direction/info  
rmational signage to  
accessible restroom**

#### **Recommendation:**

**Install signage at restroom door entrance directing the public to accessible restrooms located on the West Tower.**

#### **Notes:**

**N/A**



**Finding 297536 Main Photo**

Women's Restroom S517

Finding: 180

The coat hook is installed greater than 48 inches above the finished floor.

Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum above the finished floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

Citation:

2010 ADAS Section: 308.2.1

As Built:

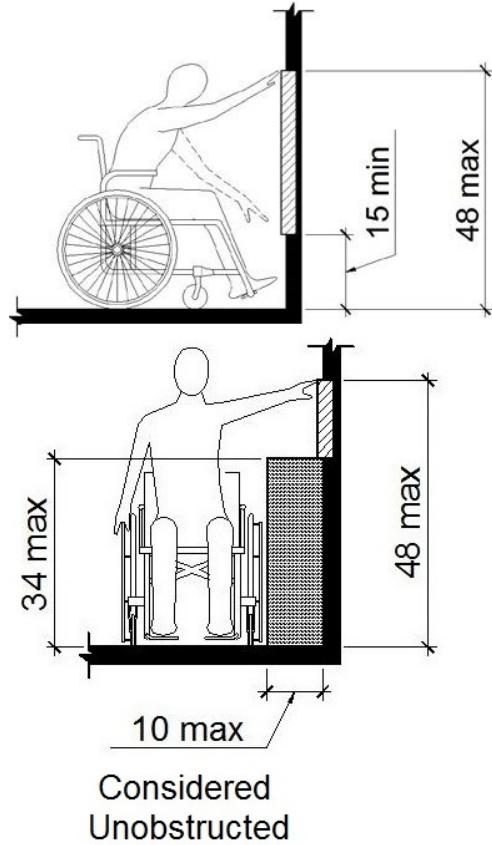
65 inches above  
finished floor

Recommendation:

Lower coat hook 20 inches minimum. Not to exceed a maximum height of 48 inches above finished floor.

Notes:

N/A



Finding 297421 Main Photo

**Women's Restroom S517**

**Finding: 181**

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

**Citation:**

**2010 ADAS Section: 404.2.8.1**

**As Built:**

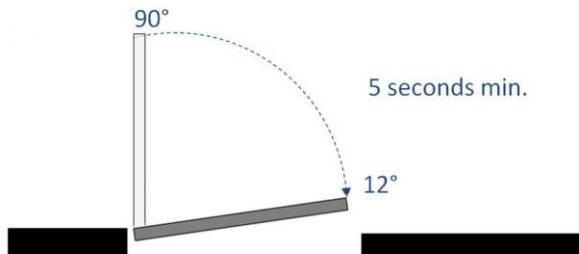
**2 seconds to closed  
the position**

**Recommendation:**

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

**Notes:**

N/A



**Finding 297423 Main Photo**

## Women's Restroom S517

### Finding: 182

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

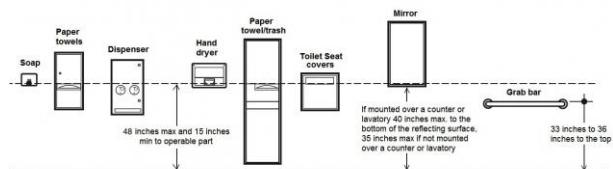
52 inches above  
finished floor

#### Recommendation:

Lower paper tower dispenser 6 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297424 Main Photo

**Women's Restroom S517**

**Finding: 183**

**The water and drain pipes under the lavatory are not adequately insulated.**

**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.**

*2010 ADAS Section 606.5*

*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.*

**Citation:**

**2010 ADAS Section: 606.5**

**As Built:**

**Missing drain pipe insulation underneath lavatory**

**Recommendation:**

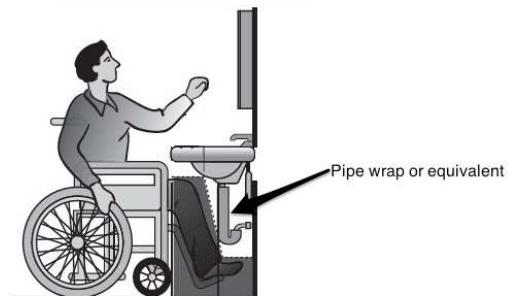
**Insulate drain pipes under lavatory.**

**Notes:**

**N/A**



**ACCESSIBLE LAVATORY**



**Finding 297425 Main Photo**

**Women's Restroom S517**

**Finding: 184**

The faucet controls require twisting of the wrist.

Faucet controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 lb. Lever-operated, push-type and electronically controlled mechanisms are examples of acceptable designs. Self-closing valves are allowed if the faucet remains open for at least 10 seconds.

*2010 ADAS Section 606.4*

*Controls for faucets shall comply with 309. Hand-operated metering faucets shall remain open for 10 seconds minimum.*

**Citation:**

2010 ADAS Section: 606.4

**As Built:**

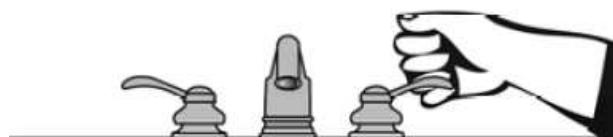
Faucet controls  
require tight grasping

**Recommendation:**

Install lever type faucet controls that do not require tight grasping, pinching or twisting of the wrist.

**Notes:**

N/A



Finding 297426 Main Photo

## Women's Restroom S517

### Finding: 185

Compliant knee space has not been provided under the lavatory.

The knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.1

Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

#### Citation:

2010 ADAS Section: 306.3.1

#### As Built:

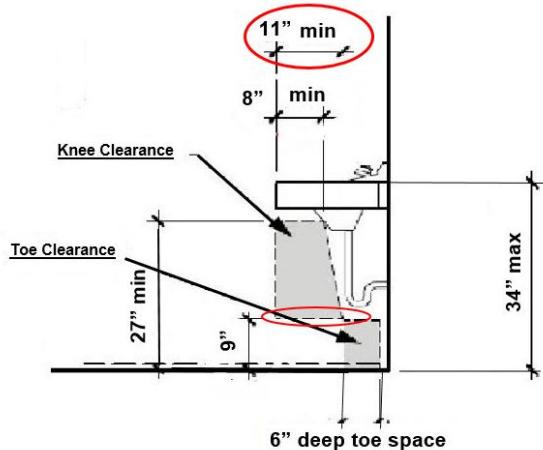
No knee clearance  
provided under  
lavatory

#### Recommendation:

Replace lavatory with one that provides a minimum height from the bottom edge of no less than 27 inches above finished floor and 8 inches minimum in depth for knee clearance.

#### Notes:

N/A



Finding 297428 Main Photo

## Women's Restroom S517

### Finding: 186

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self-closing

#### Recommendation:

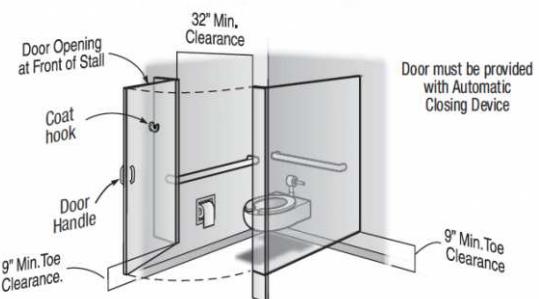
Adjust or install automatic closing hinges.

#### Notes:

N/A



COMPARTMENT DOORS



Finding 297429 Main Photo

Women's Restroom S517

Finding: 187

The toilet compartment is not wide enough.

Toilet compartments must be a minimum of 60 inches in width.

2010 ADAS Section 604.8.1.1

Wheelchair accessible compartments shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 56 inches (1420 mm) deep minimum for wall hung water closets and 59 inches (1500 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 59 inches (1500 mm) deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

Citation:

2010 ADAS Section: 604.8.1.1

As Built:

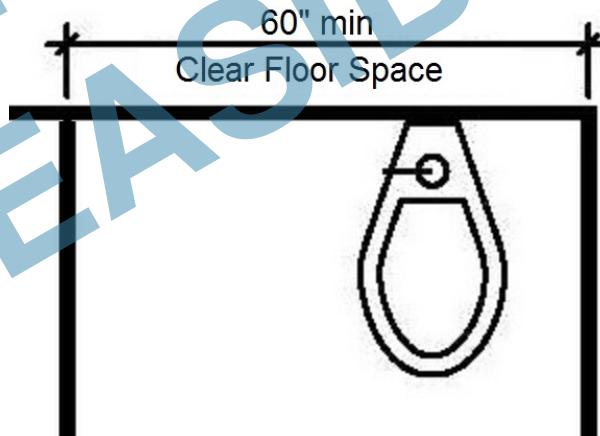
31 inches wide

Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

Notes:

N/A



Finding 297430 Main Photo

## Women's Restroom S517

### Finding: 188

The rear grab bar is missing.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface and the space between the grab bar and the top of the tank (any obstruction) shall be 1-1/2 inches minimum.

2010 ADAS Section 609.4

Grab bars shall be installed in a horizontal position, 33 inches (840 mm) minimum and 36 inches (915 mm) maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches (455 mm) minimum and 27 inches (685 mm) maximum above the finish floor measured to the top of the gripping surface. The height of the lower grab bar on the back wall of a bathtub shall comply with 607.4.1.1 or 607.4.2.1.

#### Citation:

2010 ADAS Section: 609.4

#### As Built:

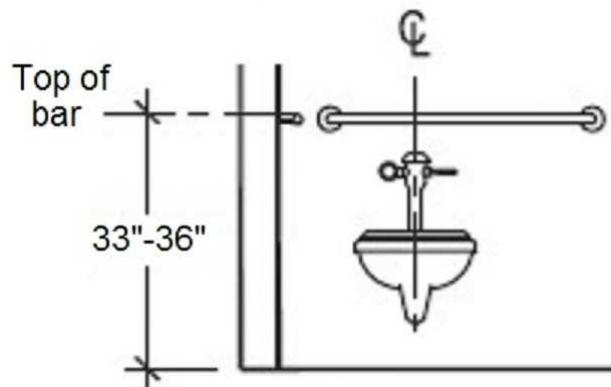
Missing rear grab bar

#### Recommendation:

Install rear grab bar at 36 inches maximum above finished floor measured to the top of the gripping surface. Please see finding details for compliant measurements. Rear grab bar may not meet compliance clearances due to structural limitations.

#### Notes:

N/A



Finding 297431 Main Photo

## Women's Restroom S517

### Finding: 189

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

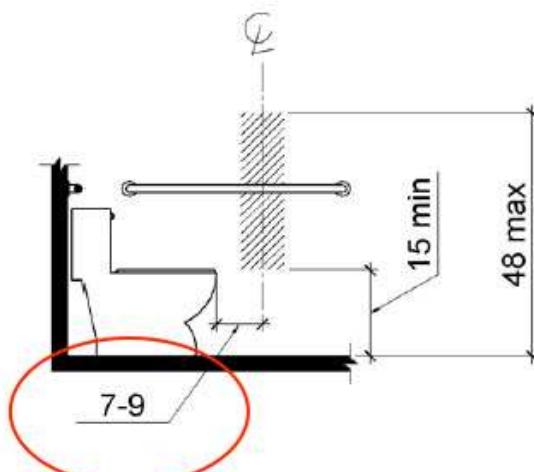
13 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297432 Main Photo

## Women's Restroom S517

### Finding: 190

The water closet compartment door is missing a loop handle.

Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

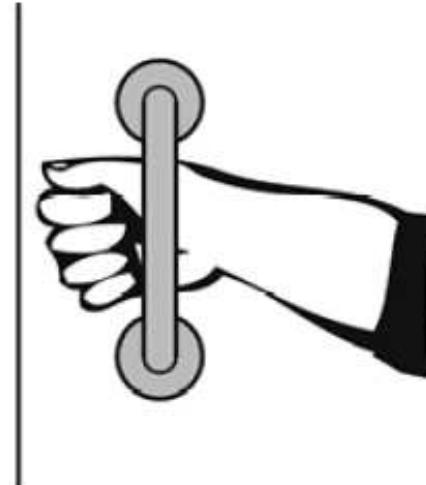
Compartiment door  
missing loop handles

#### Recommendation:

Install loop or U-shape handles on the inside and outside of the compartment door.

#### Notes:

N/A



Finding 297435 Main Photo

## Women's Restroom S517

### Finding: 191

The compartment door does not have an unobstructed clear opening width of 32 inches.

The water closet compartment shall be equipped with a door that has an automatic-closing device, and must have a clear, unobstructed opening width 32 inches.

2010 ADAS Section 404.2.3

Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

#### Citation:

2010 ADAS Section: 404.2.3

#### As Built:

22.25 inches wide

#### Recommendation:

Providing the minimum required width clearance to compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297436 Main Photo

## Women's Restroom S517

### Finding: 192

The locking/latching hardware is not accessible.

Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

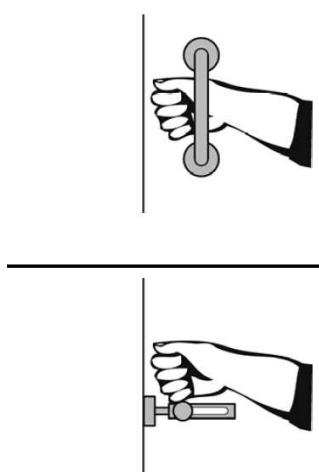
Toilet compartment  
(Stall) door lock was  
not operable with one  
hand without tight  
grasping, pinching or  
twisting of the wrist.

#### Recommendation:

Replace locking hardware with locking lever that does not require tight grasping, tight pinching or twisting of the wrist to operate.

#### Notes:

N/A



Finding 297520 Main Photo

## Women's Restroom S517

### Finding: 193

The toilet seat is not located within the range allowed off the floor.

The height of accessible water closets shall be a minimum of 17 inches and a maximum of 19 inches measured to the top of a maximum 2-inch high toilet seat.

2010 ADAS Section 604.4

*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.*

#### Citation:

2010 ADAS Section: 604.4

#### As Built:

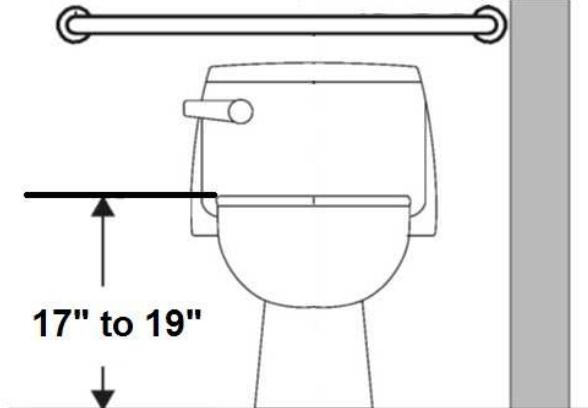
15.5 inches above  
finished floor

#### Recommendation:

Adjust toilet height, replace toilet or replace toilet seat with one that will meet the minimum height requirement of 17 inches.

#### Notes:

N/A



Finding 297434 Main Photo

## Men's Restroom Basement

### Finding: 194

The maneuvering space between the two doors in the vestibule is noncompliant.

The distance between two hinged or pivoted doors in series shall be 48 inches minimum plus the width of doors or gates swinging into the space.

2010 ADAS Section 404.2.6

The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.

#### Citation:

2010 ADAS Section: 404.2.6

#### As Built:

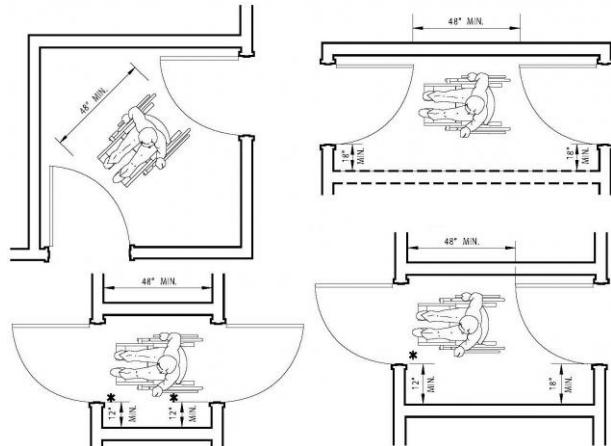
33.5 inches clearance  
between doors

#### Recommendation:

Recommend installing automatic door openers. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297473 Main Photo

## Men's Restroom Basement

### Finding: 195

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

8 pounds of force  
required

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297474 Main Photo

## Men's Restroom Basement

### Finding: 196

The coat hook is installed greater than 48 inches above the finished floor.

Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum above the finished floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

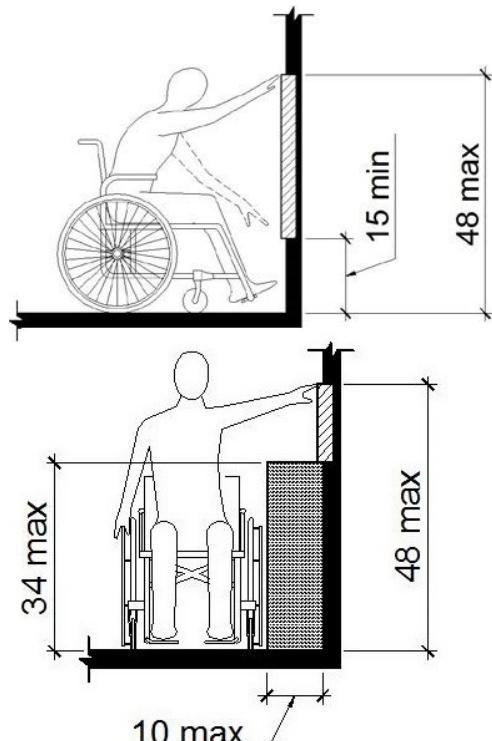
66.5 inches above  
finished floor

#### Recommendation:

Lower coat hook 19 inches minimum. Not to exceed a maximum height of 48 inches above finished floor.

#### Notes:

N/A



Considered  
Unobstructed

Finding 297475 Main Photo

## Men's Restroom Basement

### Finding: 197

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

#### Citation:

2010 ADAS Section: 404.2.8.1

#### As Built:

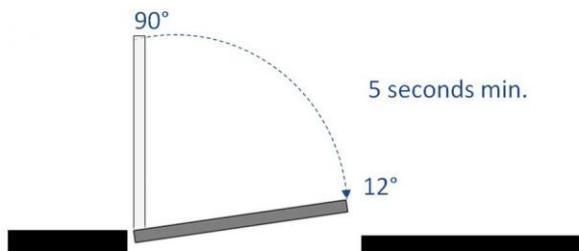
3 seconds to closed  
the position

#### Recommendation:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

#### Notes:

N/A



Finding 297476 Main Photo

## Men's Restroom Basement

### Finding: 198

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

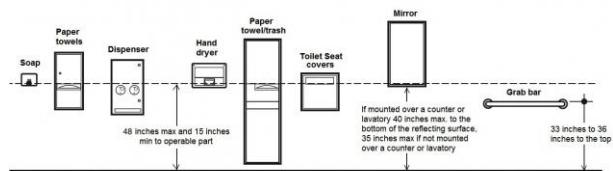
53 inches above  
finished floor

#### Recommendation:

Lower paper tower dispenser 6 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297477 Main Photo

## **Men's Restroom Basement**

### **Finding: 199**

**The water and drain pipes under the lavatory are not adequately insulated.**

**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.**

*2010 ADAS Section 606.5*

*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.*

#### **Citation:**

**2010 ADAS Section: 606.5**

#### **As Built:**

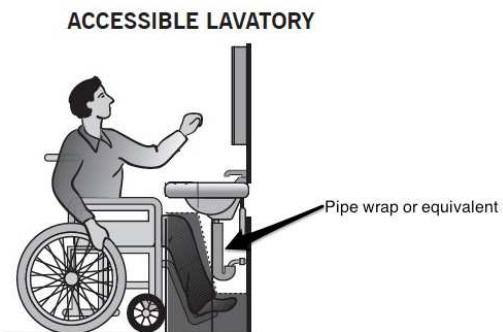
**Missing drain pipe insulation underneath lavatory**

#### **Recommendation:**

**Insulate drain pipes under lavatory.**

#### **Notes:**

**N/A**



**Finding 297478 Main Photo**

## Men's Restroom Basement

### Finding: 200

The mirror is mounted too high.

Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground.

2010 ADAS Section 603.3

*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 35 inches (890 mm) maximum above the finish floor or ground.*

#### Citation:

2010 ADAS Section: 603.3

#### As Built:

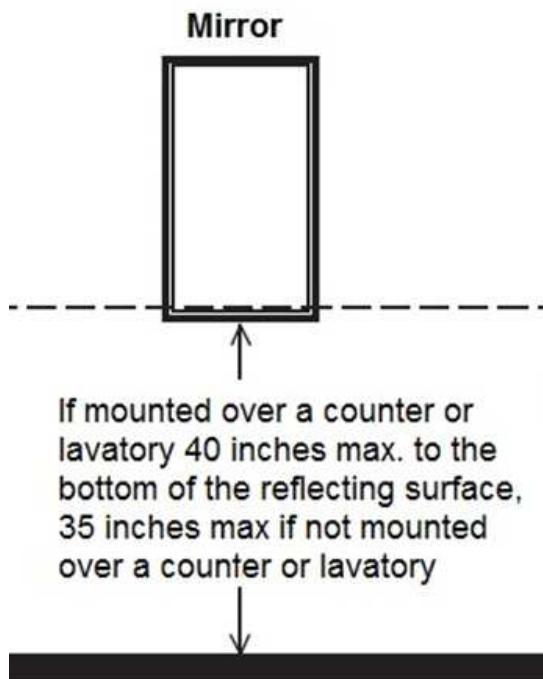
49 inches above  
finished floor

#### Recommendation:

Lower mirror to a maximum of 40 inches above finished floor measured to the bottom edge of the reflective surface. Recommend lowering mirror a 10 inches.

#### Notes:

N/A



Finding 297480 Main Photo

## Men's Restroom Basement

### Finding: 201

Knee clearance at 27 inches off the floor is not 8 inches minimum deep.

The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.3

Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

#### Citation:

2010 ADAS Section: 306.3.3

#### As Built:

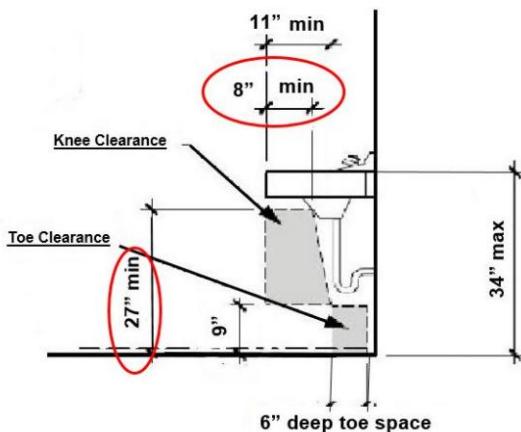
No knee clearance provided under lavatory

#### Recommendation:

Replace lavatory with one that provides a minimum height from the bottom edge of no less than 27 inches above finished floor and 8 inches minimum in depth for knee clearance.

#### Notes:

N/A



Finding 297481 Main Photo

## Men's Restroom Basement

### Finding: 202

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self-closing

#### Recommendation:

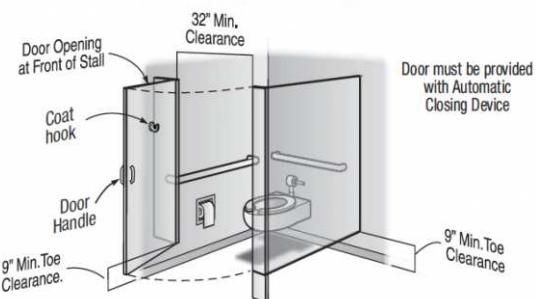
Adjust or install automatic closing hinges.

#### Notes:

N/A



COMPARTMENT DOORS



Finding 297482 Main Photo

## Men's Restroom Basement

### Finding: 203

The toilet compartment is not wide enough.

Toilet compartments must be a minimum of 60 inches in width.

2010 ADAS Section 604.8.1.1

Wheelchair accessible compartments shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 56 inches (1420 mm) deep minimum for wall hung water closets and 59 inches (1500 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 59 inches (1500 mm) deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

#### Citation:

2010 ADAS Section: 604.8.1.1

#### As Built:

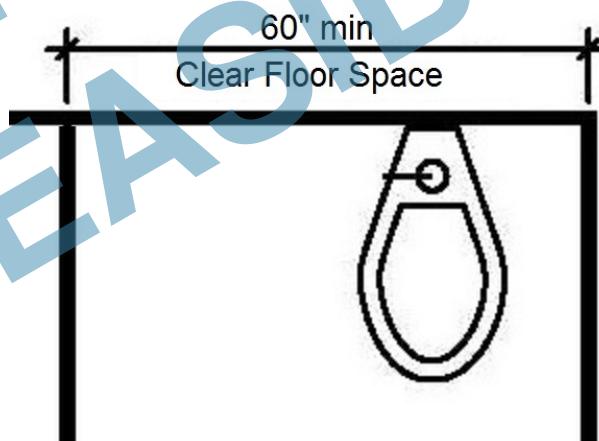
32 inches wide

#### Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297483 Main Photo

## Men's Restroom Basement

### Finding: 204

Accessible toilets must have grab bars installed.

The side grab bar must extend at least 54 inches minimum beyond the rear wall and start a maximum of 12 inches from the rear wall.

The rear grab bar must be a minimum of 36 inches long and extend from the centerline of the toilet 12 inches minimum on one side and 24 inches minimum on the other side.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface.

2010 ADAS Section 604.5

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.

#### Citation:

2010 ADAS Section: 604.5

#### As Built:

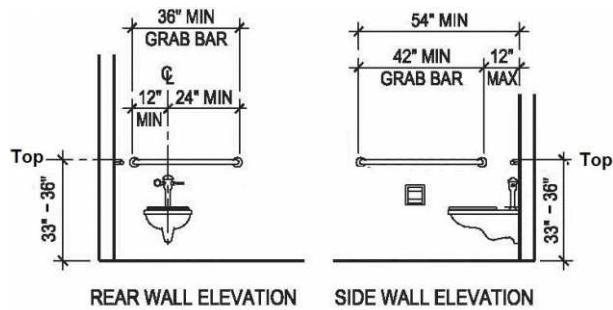
Missing grab bars

#### Recommendation:

Install 1 side and 1 rear grab bar at 36 inches maximum above finished floor measured to the top of the gripping surface. Please see finding details for compliant measurements. Rear grab bar may not meet compliance clearances due to structural limitations.

#### Notes:

N/A



Finding 297484 Main Photo

## Men's Restroom Basement

### Finding: 205

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

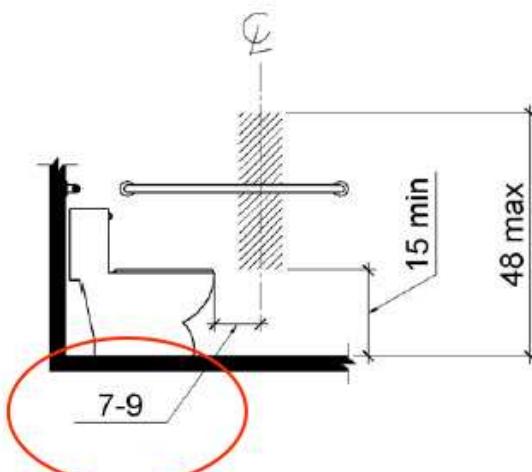
3 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297485 Main Photo

## **Men's Restroom Basement**

### **Finding: 206**

**The water closet compartment door is missing a loop handle.**

**Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### **Citation:**

**2010 ADAS Section: 604.8.1.2**

#### **As Built:**

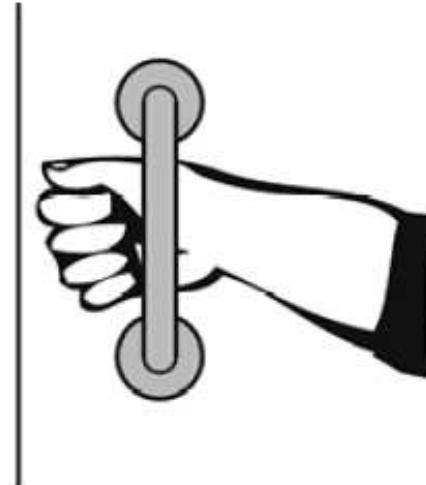
**Compartment door  
missing loop handles**

#### **Recommendation:**

**Install loop or U-shape handles on the inside and outside of the compartment door.**

#### **Notes:**

**N/A**



**Finding 297488 Main Photo**

## Men's Restroom Basement

### Finding: 207

The compartment door does not have an unobstructed clear opening width of 32 inches.

The water closet compartment shall be equipped with a door that has an automatic-closing device, and must have a clear, unobstructed opening width 32 inches.

2010 ADAS Section 404.2.3

Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

#### Citation:

2010 ADAS Section: 404.2.3

#### As Built:

22 inches wide

#### Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297489 Main Photo

## **Men's Restroom Basement**

### **Finding: 208**

**There is no International Symbol of Accessibility at this entrance.**

In existing buildings and facilities where not all entrances are accessible doors that are accessible shall be identified by the International Symbol of Accessibility. Directional signs that indicate the location of the nearest accessible entrance shall be provided at entrances that are not accessible. Directional signs including the International Symbol of Accessibility indicating the accessible route to the nearest accessible entrance shall be provided at junctions when the accessible route diverges from the regular circulation path.

*2010 ADAS Section 216.6*

*Where not all entrances comply with 404, entrances complying with 404 shall be identified by the International Symbol of Accessibility complying with 703.7.2.1. Directional signs complying with 703.5 that indicate the location of the nearest entrance complying with 404 shall be provided at entrances that do not comply with 404.*

#### **Citation:**

**2010 ADAS Section: 216.6**

#### **As Built:**

**Directional sign to  
accessible restrooms  
missing**

#### **Recommendation:**

**Install directional/informational signage at restroom door entrance informing/directing the public to the accessible restrooms located on the West Tower.**

#### **Notes:**

**N/A**



**Finding 297499 Main Photo**



## Men's Restroom Basement

### Finding: 209

The urinal is confined on three sides (alcove).

Urinals installed in alcoves or with wing walls or partitions that extend greater than 24 inches must provide a clear space in front of the urinal that is a minimum of 36 inches wide.

2010 ADAS Section 305.7.1

Alcoves shall be 36 inches (915 mm) wide minimum where the depth exceeds 24 inches (610 mm).

#### Citation:

2010 ADAS Section: 305.7.1

#### As Built:

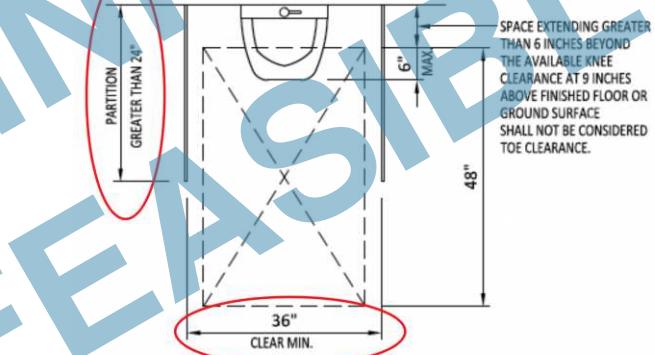
28.5 inches wide

#### Recommendation:

Providing the minimum required width clearance to the urinal is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297508 Main Photo

## Men's Restroom Basement

### Finding: 210

The rim of the urinal is too high.

Wall-hung urinals must be provided with an elongated rim projecting a minimum of 13 1/2 inches from the wall and a maximum of 17 inches above the floor.

2010 ADAS Section 605.2

Urinals shall be the stall-type or the wall-hung type with the rim 17 inches (430 mm) maximum above the finish floor or ground. Urinals shall be 13 1/2 inches (345 mm) deep minimum measured from the outer face of the urinal rim to the back of the fixture.

#### Citation:

2010 ADAS Section: 605.2

#### As Built:

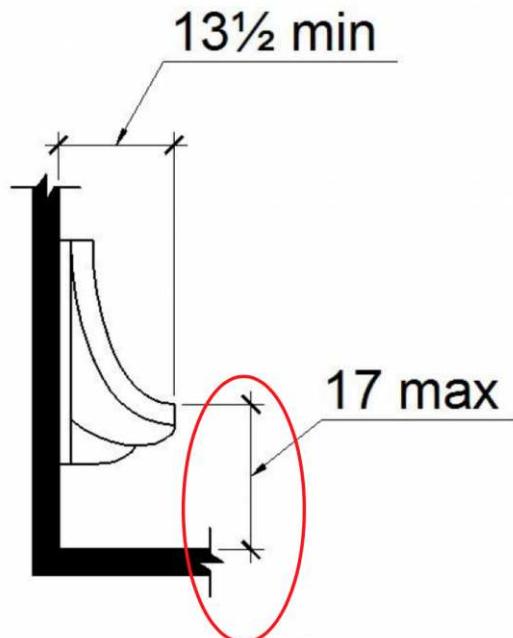
22.75 inches wide

#### Recommendation:

Lower urinal to ensure a maximum height of 17 inches above finished floor.

#### Notes:

N/A



Finding 297509 Main Photo

## **Men's Restroom Basement**

### **Finding: 211**

**The locking/latching hardware is not accessible.**

**Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### **Citation:**

**2010 ADAS Section: 604.8.1.2**

#### **As Built:**

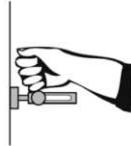
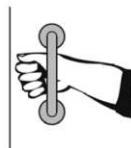
**Toilet compartment  
(Stall) door lock was  
not operable with one  
hand without tight  
grasping, pinching or  
twisting of the wrist.**

#### **Recommendation:**

Work order # 333858 was submitted to door lock . Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4. Operable parts of such hardware shall be 34 inches minimum and 48 inches maximum above the finish floor or ground. Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.44 of attach.

#### **Notes:**

**Corrective Action: Work order # 333858 was submitted for correction.**



## Men's Restroom S113

### Finding: 212

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

8 lbs of pressure  
required

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297297 Main Photo

## Men's Restroom S113

### Finding: 213

The maneuvering space between the two doors in the vestibule is noncompliant.

The distance between two hinged or pivoted doors in series shall be 48 inches minimum plus the width of doors or gates swinging into the space.

2010 ADAS Section 404.2.6

*The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.*

#### Citation:

2010 ADAS Section: 404.2.6

#### As Built:

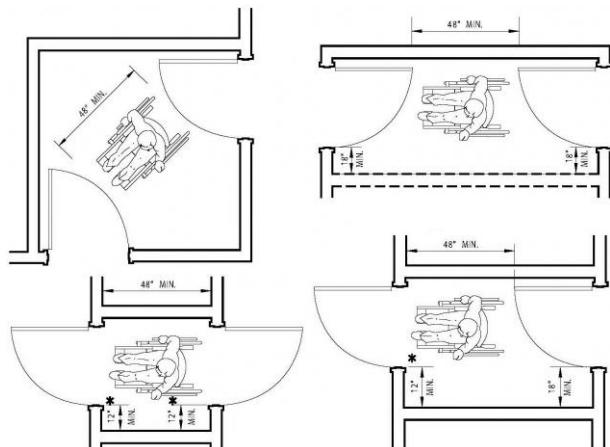
33 inches of clearance between doors

#### Recommendation:

Recommend installing automatic door openers. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297298 Main Photo

## Men's Restroom S113

### Finding: 214

The pictogram field contains characters and/or Braille.

Pictograms shall have a field height of 6 inches minimum. Characters and braille shall not be located in the pictogram field.

2010 ADAS Section 703.6.1

Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

#### Citation:

2010 ADAS Section: 703.6.1

#### As Built:

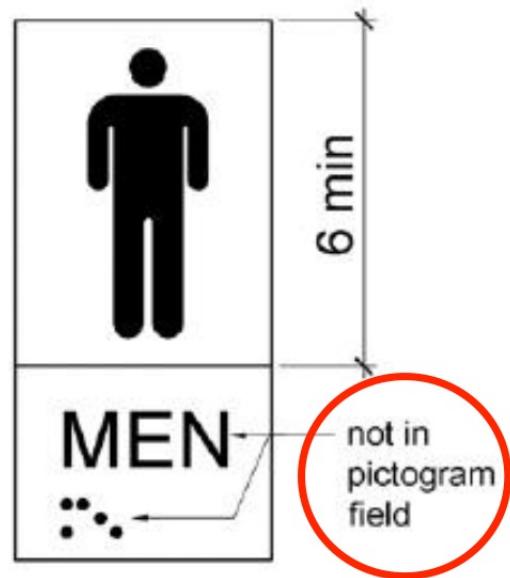
Pictogram 4 inches in height

#### Recommendation:

Replace sign with compliant pictogram field of no less than 6 inches in height.

#### Notes:

N/A



Finding 297299 Main Photo

## Men's Restroom S113

### Finding: 215

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

10 lbs of pressure  
required

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297300 Main Photo

Men's Restroom S113

Finding: 216

Compliant knee space has not been provided under the lavatory.

The knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.1

Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

Citation:

2010 ADAS Section: 306.3.1

As Built:

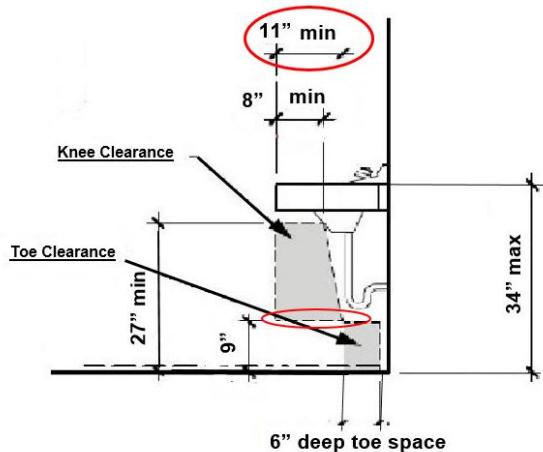
No knee clearance  
provided under  
lavatory

Recommendation:

Replace lavatory with one that provides a minimum height from the bottom edge of no less than 27 inches above finished floor and 8 inches minimum in depth for knee clearance.

Notes:

N/A



Finding 297301 Main Photo

## Finding #216 Additional Finding Photos



Finding 297301 Additional Photo

## Men's Restroom S113

### Finding: 217

The water and drain pipes under the lavatory are not adequately insulated.

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.

2010 ADAS Section 606.5

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.

#### Citation:

2010 ADAS Section: 606.5

#### As Built:

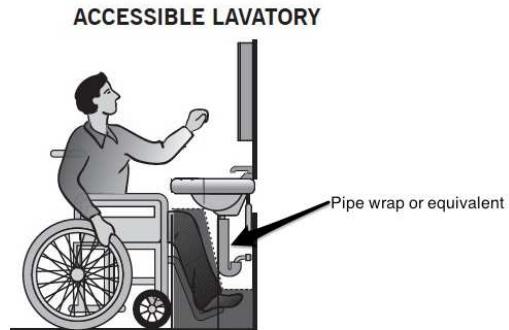
Drain pipes under  
lavatory not insulated

#### Recommendation:

Insulate drain pipes under lavatory.

#### Notes:

N/A



Finding 297302 Main Photo

## Men's Restroom S113

### Finding: 218

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

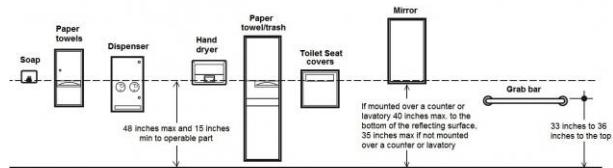
52.5 inches above  
finished floor

#### Recommendation:

Lower paper towel dispenser 5 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297304 Main Photo

**Men's Restroom S113**

**Finding: 219**

**The compartment door is not self closing.**

**The water closet compartment shall be equipped with a door that has an automatic-closing device.**

**2010 ADAS Section 604.8.1.2**

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

**2010 ADAS Section: 604.8.1.2**

**As Built:**

**Compartment door  
not self-closing**

**Recommendation:**

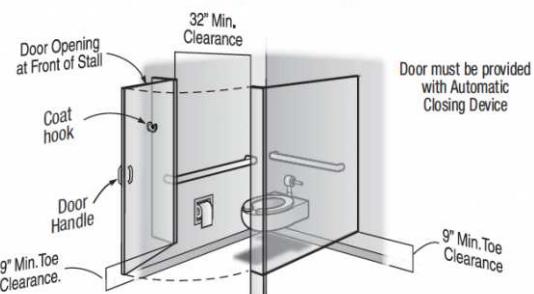
**Adjust or install automatic closing hinges.**

**Notes:**

**N/A**



**COMPARTMENT DOORS**



**Finding 297305 Main Photo**

**Men's Restroom S113**

**Finding: 220**

The water closet compartment door is missing a loop handle on the inside.

Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

**2010 ADAS Section: 604.8.1.2**

**As Built:**

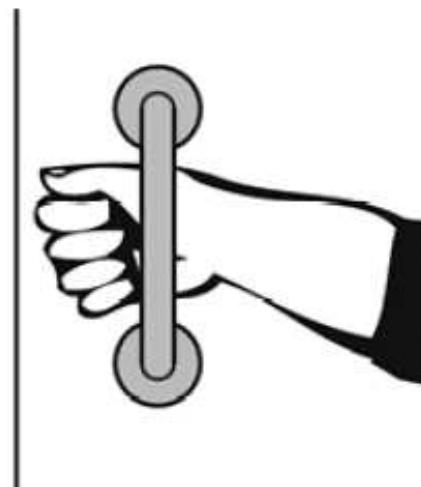
**Missing the loop  
handle on the inside  
of compartment door**

**Recommendation:**

**Install loop or U-shaped handle.**

**Notes:**

N/A



Finding 297306 Main Photo

## Men's Restroom S113

### Finding: 221

The rear grab bar is missing.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface and the space between the grab bar and the top of the tank (any obstruction) shall be 1-1/2 inches minimum.

2010 ADAS Section 609.4

Grab bars shall be installed in a horizontal position, 33 inches (840 mm) minimum and 36 inches (915 mm) maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches (455 mm) minimum and 27 inches (685 mm) maximum above the finish floor measured to the top of the gripping surface. The height of the lower grab bar on the back wall of a bathtub shall comply with 607.4.1.1 or 607.4.2.1.

#### Citation:

2010 ADAS Section: 609.4

#### As Built:

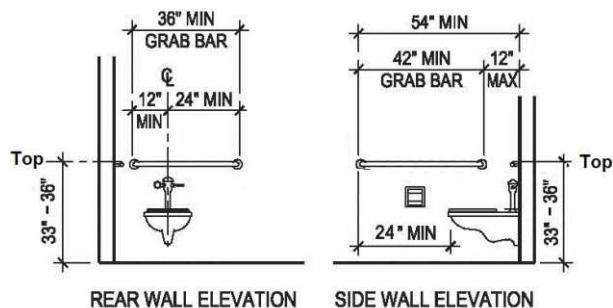
Rear grab bar missing

#### Recommendation:

Rear grab bar may not meet compliance clearances due to structural limitations. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297307 Main Photo

Men's Restroom S113

Finding: 222

The toilet compartment is not wide enough.

Toilet compartments must be a minimum of 60 inches in width.

2010 ADAS Section 604.8.1.1

Wheelchair accessible compartments shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 56 inches (1420 mm) deep minimum for wall hung water closets and 59 inches (1500 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 59 inches (1500 mm) deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

Citation:

2010 ADAS Section: 604.8.1.1

As Built:

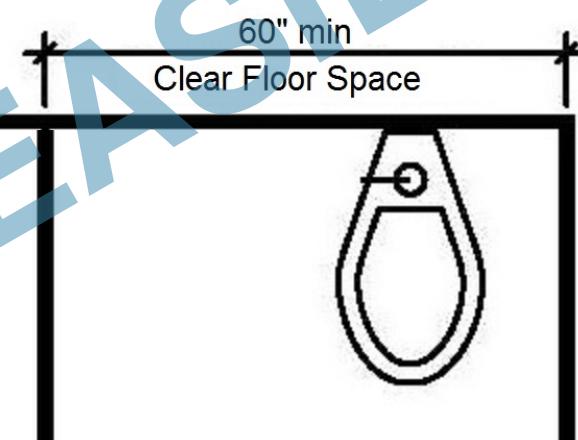
36 inches inches in width

**Recommendation:**

Providing the minimum required width clearance to the restroom is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

**Notes:**

N/A



Finding 297308 Main Photo

## Men's Restroom S113

### Finding: 223

The side grab bar does not extend far enough from the rear wall.

The side grab bar must extend at least 54 inches minimum beyond the rear wall and start a maximum of 12 inches from the rear wall. A 42 inch grab bar installed the maximum distance from the rear wall (12 inches) will leave the leading end 54 inches from the rear wall. Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface.

2010 ADAS Section 604.5.1

*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.*

#### Citation:

2010 ADAS Section: 604.5.1

#### As Built:

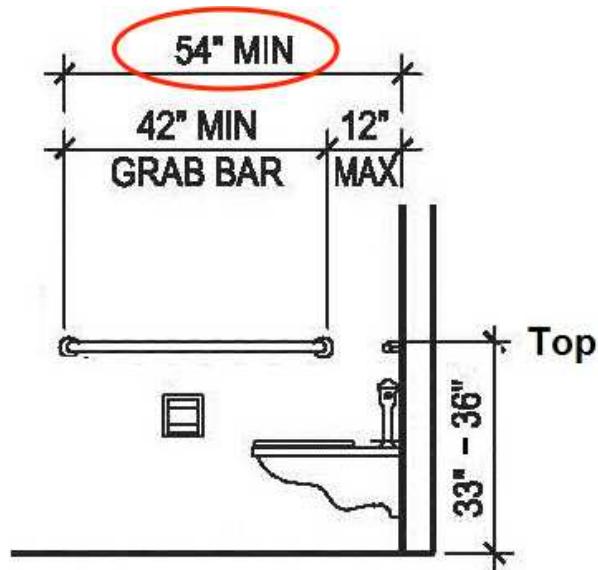
Side grab bar at 52  
inches from rear wall

#### Recommendation:

Move side grab bar 2 inches forward to meet compliance of 54 inches measured from rear wall.

#### Notes:

N/A



Finding 297309 Main Photo

## Men's Restroom S113

### Finding: 224

The seat cover dispenser is positioned too close to the grab bar.

Elements adjacent to the grab bar shall be positioned to provide unobstructed use of grab bars. The space between the grab bar and projecting objects below and at the ends shall be 1-1/2 inches minimum. The space between the grab bar and projecting objects above shall be 12 inches minimum.

2010 ADAS Section 609.3

*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.*

#### Citation:

2010 ADAS Section: 609.3

#### As Built:

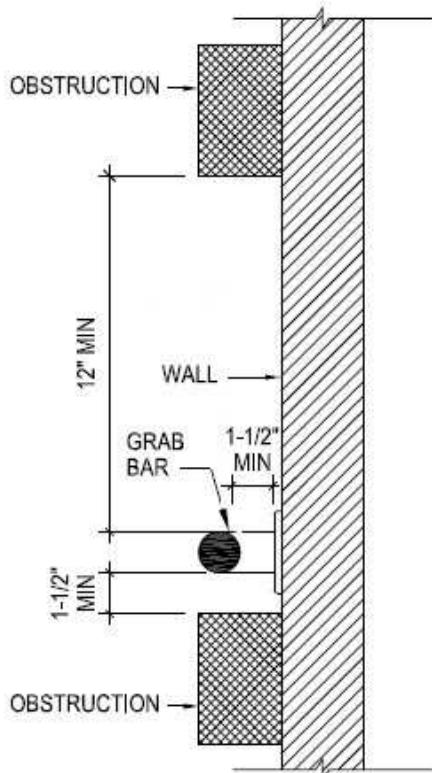
6 inches above side  
grab bar

#### Recommendation:

Re-locate toilet seat cover dispenser below either side grab bar at least 1.5 inches minimum below grab bars but no less than 15 inches above finished floor to meet compliance.

#### Notes:

N/A



Finding 297311 Main Photo

Men's Restroom S113

Finding: 225

The urinal is confined on three sides (alcove).

Urinals installed in alcoves or with wing walls or partitions that extend greater than 24 inches must provide a clear space in front of the urinal that is a minimum of 36 inches wide.

2010 ADAS Section 305.7.1

Alcoves shall be 36 inches (915 mm) wide minimum where the depth exceeds 24 inches (610 mm).

Citation:

2010 ADAS Section: 305.7.1

As Built:

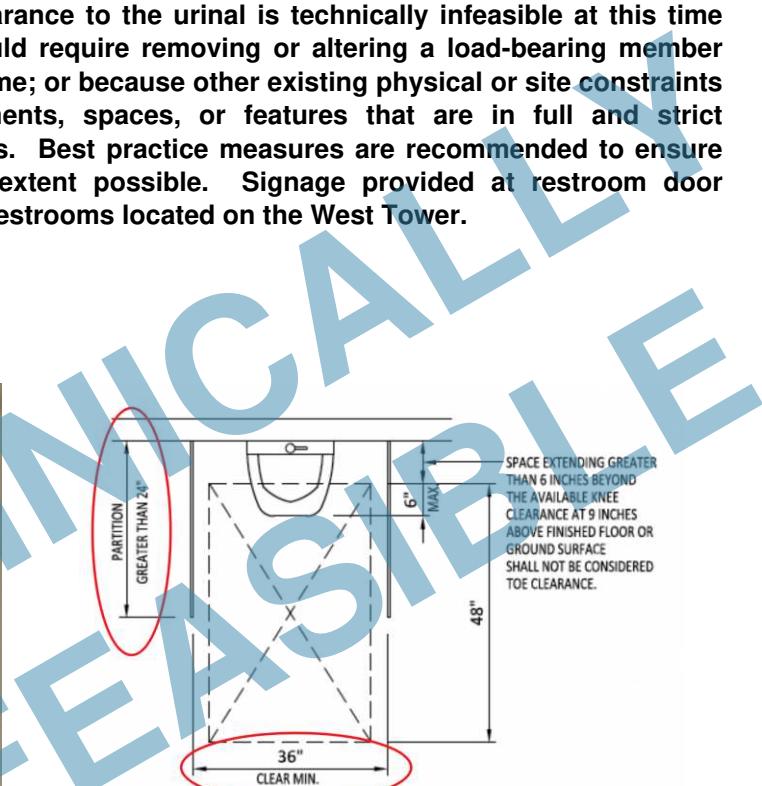
28 inches wide

Recommendation:

Providing the minimum required width clearance to the urinal is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

Notes:

N/A



Finding 297500 Main Photo

## Men's Restroom S113

### Finding: 226

The rim of the urinal is too high.

Wall-hung urinals must be provided with an elongated rim projecting a minimum of 13 1/2 inches from the wall and a maximum of 17 inches above the floor.

2010 ADAS Section 605.2

Urinals shall be the stall-type or the wall-hung type with the rim 17 inches (430 mm) maximum above the finish floor or ground. Urinals shall be 13 1/2 inches (345 mm) deep minimum measured from the outer face of the urinal rim to the back of the fixture.

#### Citation:

2010 ADAS Section: 605.2

#### As Built:

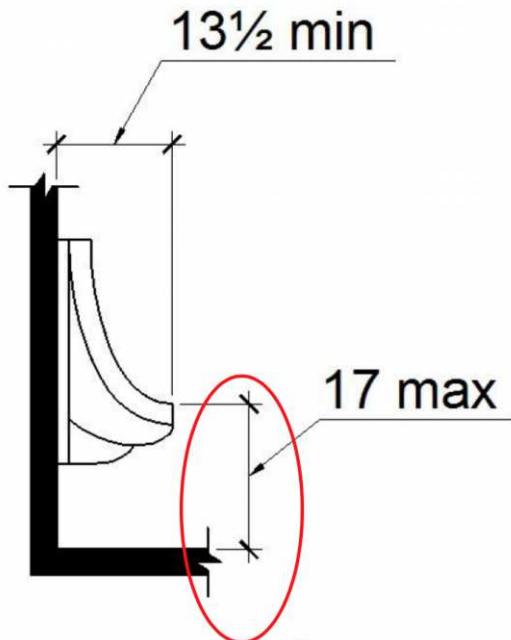
19 inches above  
finished floor

#### Recommendation:

Lower urinal to ensure a maximum height of 17 inches above finished floor.

#### Notes:

N/A



Finding 297501 Main Photo

## Men's Restroom S113

### Finding: 227

The toilet is not located within the range allowed from the side wall or partition.

The centerline of the toilet must be 16 to 18 inches from the side wall.

2010 ADAS Section 604.2

*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.*

#### Citation:

2010 ADAS Section: 604.2

#### As Built:

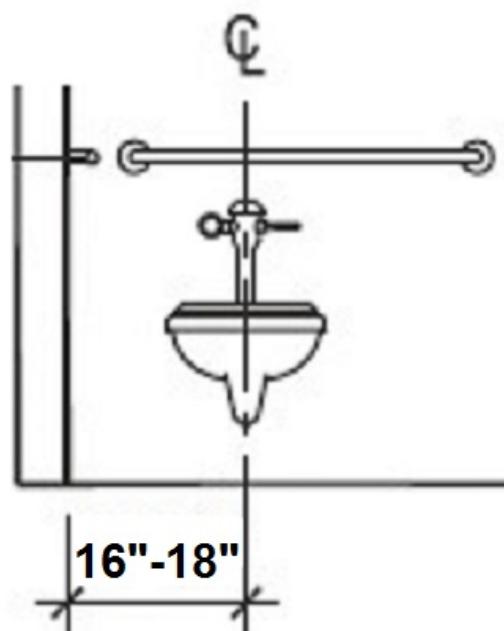
19.5 inches from side  
wall

#### Recommendation:

Providing the minimum required clearances inside the stall is technically infeasible at this time because the alteration would require major renovation, removing or altering a load-bearing member that is an essential part of the structural frame. Best practice measures are recommended to ensure restroom is accessible to the extent possible. Fully accessible restrooms are provided on the West Tower.

#### Notes:

Re-position toilet between 16 inches minimum and 18 inches maximum from centerline of toilet to side wall. May require plumbing alteration.



Finding 297310 Main Photo

## Men's Restroom S113

### Finding: 228

The locking/latching hardware is not accessible.

Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

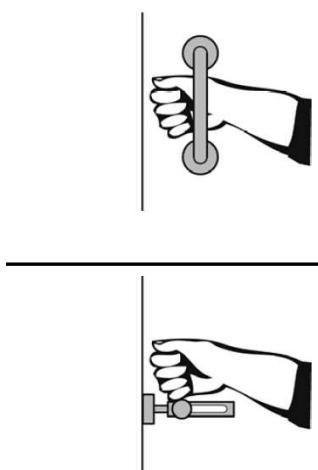
Toilet compartment  
(Stall) door lock was  
not operable with one  
hand without tight  
grasping, pinching or  
twisting of the wrist.

#### Recommendation:

Replace locking hardware with locking lever that does not require tight grasping, tight pinching or twisting of the wrist to operate.

#### Notes:

N/A



Finding 297512 Main Photo

## Men's Restroom - S218

### Finding: 229

The tactile sign is incorrectly located. (See Recommendations)

Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side.

2010 ADAS Section 703.4.2

Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

#### Citation:

2010 ADAS Section: 703.4.2

#### As Built:

1. Sign at restroom did not have raised characters.
  2. Sign was mounted on the door.
  3. Signage is inappropriately located at doorway.
- Built: 1970

#### Recommendation:

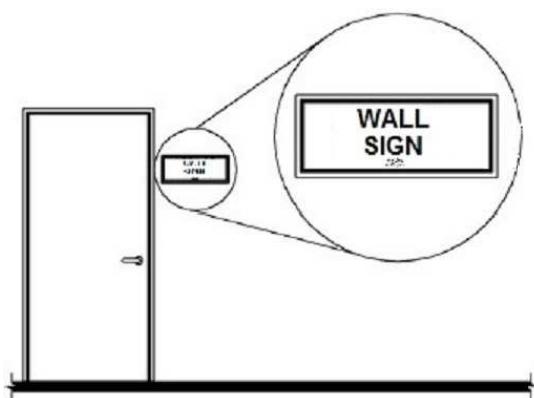
1. Raised characters shall be 1/32 inch minimum above their background; shall be uppercase, sans serif font, not be italic, oblique, script, highly decorative, or of other unusual forms; shall be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "I", height measured vertically from the baseline of the character shall be 5/8 inch minimum and 2 inches maximum based on the height of the uppercase letter "I"; Stroke thickness of the uppercase letter "I" shall be 15 percent maximum of the height of the character; Character spacing shall be measured between the two closest points of adjacent raised characters within a message, excluding word spaces: Spacing between the baselines of separate lines of raised characters within a message shall be 135 percent minimum and 170 percent maximum of the raised character height. 2. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. 3. Tactile characters on signs shall be located 48

inches minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60 inches maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character; sign shall be located so that a clear floor space of 18 inches minimum by 18 inches minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degrees open position. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.5 of attach.

#### Notes:

Corrective Action: Work order # 332147 submitted for correction.

**Finding #229 Continued**



Finding 83772 Main Photo

CORRECTED

Men's Restroom - S218

Finding: 230

The door is equipped with a door closer and returns to a closed position too quickly.

Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

2010 ADAS Section 404.2.8.1

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

Citation:

2010 ADAS Section: 404.2.8.1

As Built:

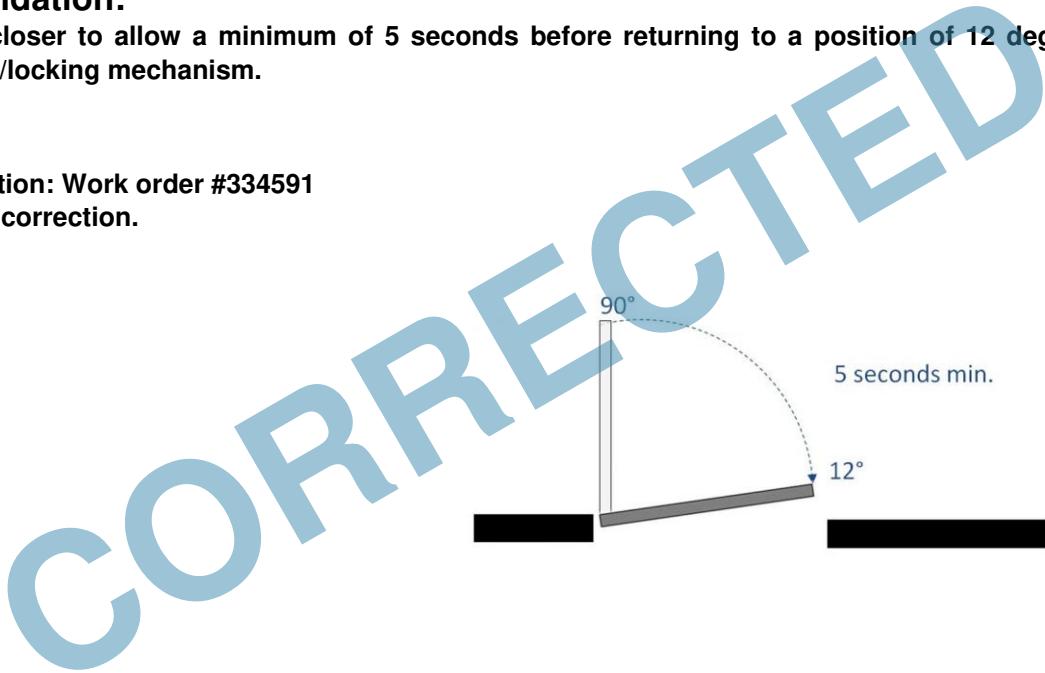
Restroom door entrance closer takes 3.9 seconds to close.

Recommendation:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

Notes:

Corrective Action: Work order #334591 submitted for correction.



## Men's Restroom - S218

### Finding: 231

The mirror is mounted too high.

Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground.

2010 ADAS Section 603.3

*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 35 inches (890 mm) maximum above the finish floor or ground.*

#### Citation:

2010 ADAS Section: 603.3

#### As Built:

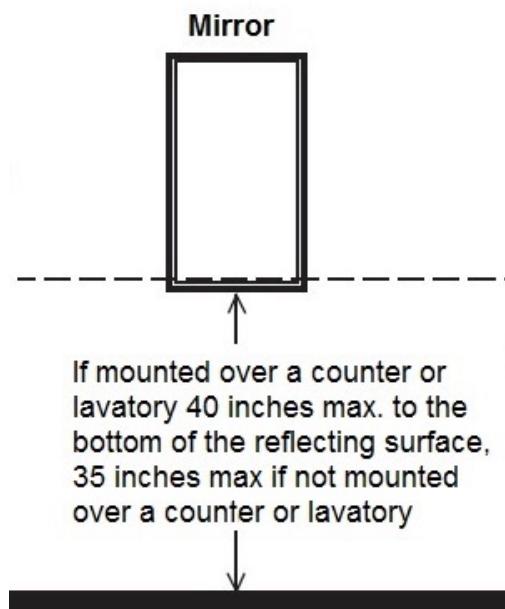
Bottom edge of mirror  
over countertop  
measures 49 inches.  
Installed: 1970

#### Recommendation:

Lower mirror to a maximum of 40 inches above finished floor measured to the bottom edge of the reflective surface. Recommend lowering mirror a 10 inches.

#### Notes:

Corrective Action: Work order 334586 was submitted to have mirror lowered.



Finding 83777 Main Photo

Men's Restroom - S218

Finding: 232

The coat hook is installed greater than 48 inches above the finished floor.

Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum above the finished floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

Citation:

2010 ADAS Section: 308.2.1

As Built:

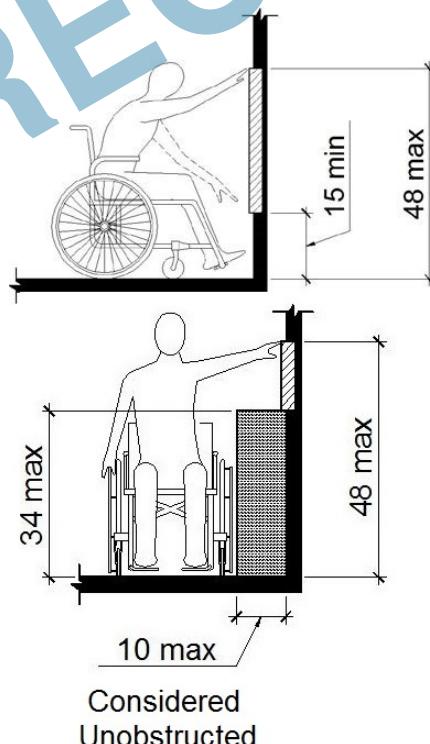
Stall coat hook on door measured at 67 inches above the floor

Recommendation:

Adjust hook or replace with additional accessible hook. Hook must be no less than 15 inches and no greater than 48 inches above the floor. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.20 of attach.

Notes:

Corrective Action: Work order # 334592 submitted for correction.



Finding 83778 Main Photo

Men's Restroom - S218

Finding: 233

The water and drain pipes under the lavatory are not adequately insulated.

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.

2010 ADAS Section 606.5

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.

Citation:

2010 ADAS Section: 606.5

As Built:

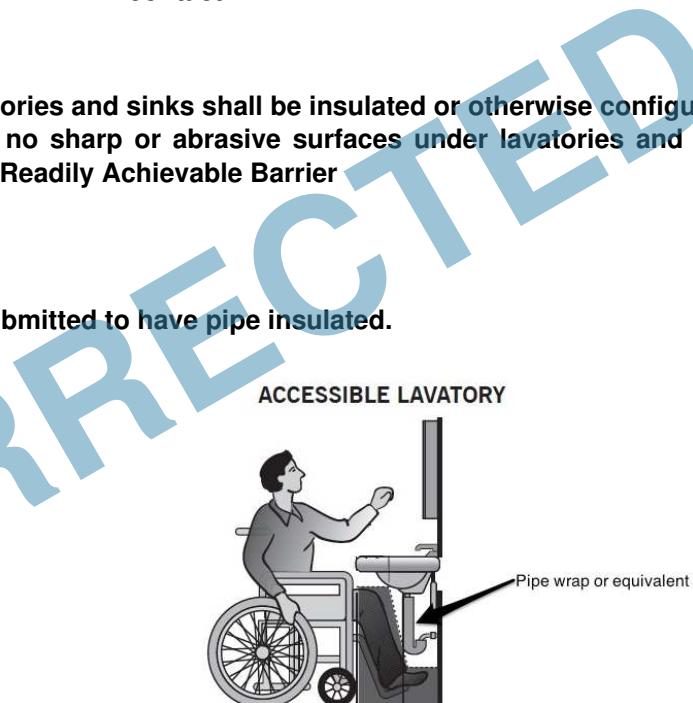
Pipes located below lavatory were not insulated or configured to protect against contact.

Recommendation:

Water supply and drainpipes 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. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.26 of attach.

Notes:

Corrective Action: Work order 334584 submitted to have pipe insulated.



Finding 83781 Main Photo

## Men's Restroom - S218

### Finding: 234

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

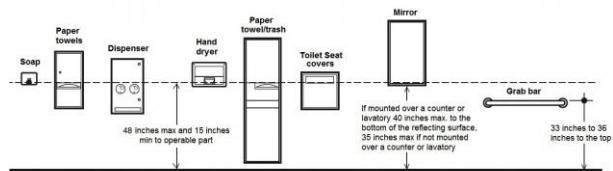
Paper towel dispenser  
was 55 inches above  
the floor.

#### Recommendation:

Lower paper tower dispenser 8 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

Corrective Action: Work order 334590 submitted for correction.



Finding 83783 Main Photo

**Men's Restroom - S218**

**Finding: 235**

**The toilet seat is not located within the range allowed off the floor.**

**The height of accessible water closets shall be a minimum of 17 inches and a maximum of 19 inches measured to the top of a maximum 2-inch high toilet seat.**

*2010 ADAS Section 604.4*

*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.*

**Citation:**

**2010 ADAS Section: 604.4**

**As Built:**

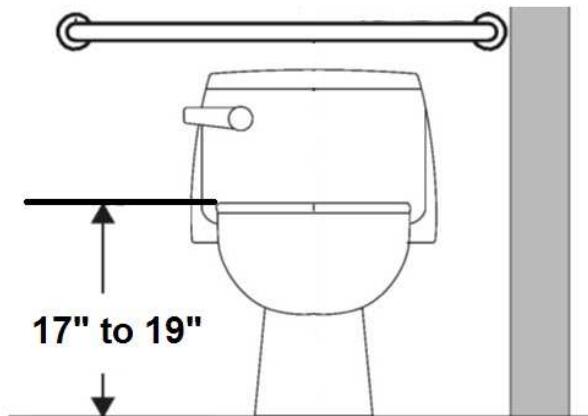
**Toilet height  
measured 16 inches  
above the floor to the  
top of the seat.**

**Recommendation:**

**Adjust toilet height, replace toilet or replace toilet seat with one that will meet the minimum height requirement of 17 inches.**

**Notes:**

**Corrective Action: Work order 333858 submitted for correction.**



**Finding 83786 Main Photo**

## Men's Restroom - S218

### Finding: 236

Accessible toilets must have grab bars installed.

The side grab bar must extend at least 54 inches minimum beyond the rear wall and start a maximum of 12 inches from the rear wall.

The rear grab bar must be a minimum of 36 inches long and extend from the centerline of the toilet 12 inches minimum on one side and 24 inches minimum on the other side.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface.

2010 ADAS Section 604.5

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.

#### Citation:

2010 ADAS Section: 604.5

#### As Built:

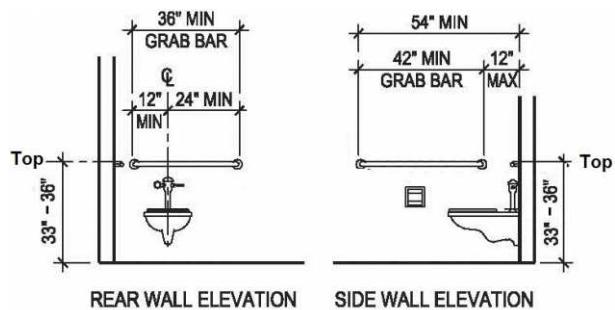
There were no grab bars available on the rear or side walls.

#### Recommendation:

Install 1 side and 1 rear grab bar at 36 inches maximum above finished floor measured to the top of the gripping surface. Please see finding details for compliant measurements. Rear grab bar may not meet compliance clearances due to structural limitations.

#### Notes:

Corrective Action: Work order 333858 submitted for correction.



Finding 83788 Main Photo

## Men's Restroom - S218

### Finding: 237

The maneuvering space on the pull side of the door or gate does not adequately extend beyond the latch side of the door.

Maneuvering space for doors or gates on the pull side with a front approach must be flat (2% max. slope in any direction) for a minimum distance of 60 inches in the direction of travel. The width of the maneuvering space must be as wide as the door or gate plus an additional 18 inches on the latch side. This latch side clearance must also be flat (2% max. slope in any direction) and clear of obstructions.

Providing the minimum required 18 inch clearance on the latch side is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

2010 ADAS Section 404.2.4.1

*Swinging doors and gates shall have maneuvering clearances complying with Table 404.2.4.1.*

#### Citation:

2010 ADAS Section: 404.2.4.1

#### As Built:

Toilet compartment  
(Stall) front approach  
to pull side of the  
door is 14 inches  
clear beyond the latch  
side.

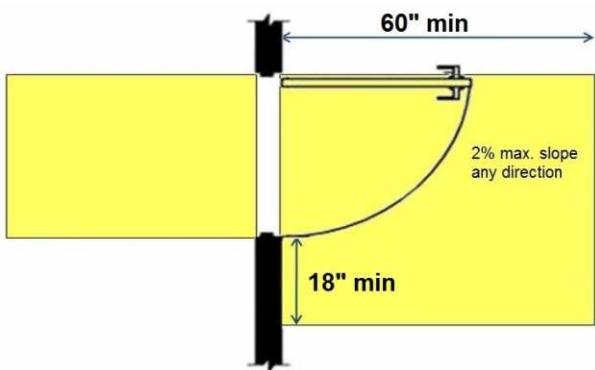
#### Recommendation:

Work order # 333858 was submitted for reconfiguring to 18 inches. Minimum maneuvering clearances at doors and gates shall comply with ADA. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.42 of attach.

#### Notes:

Corrective Action: Work order #333858 submitted for correction.

Finding #237 Continued



Finding 83868 Main Photo

TECHNICALLY  
INFEASIBLE

Men's Restroom - S218

Finding: 238

The rim of the urinal is too high.

Wall-hung urinals must be provided with an elongated rim projecting a minimum of 13 1/2 inches from the wall and a maximum of 17 inches above the floor.

2010 ADAS Section 605.2

Urinals shall be the stall-type or the wall-hung type with the rim 17 inches (430 mm) maximum above the finish floor or ground. Urinals shall be 13 1/2 inches (345 mm) deep minimum measured from the outer face of the urinal rim to the back of the fixture.

Citation:

2010 ADAS Section: 605.2

As Built:

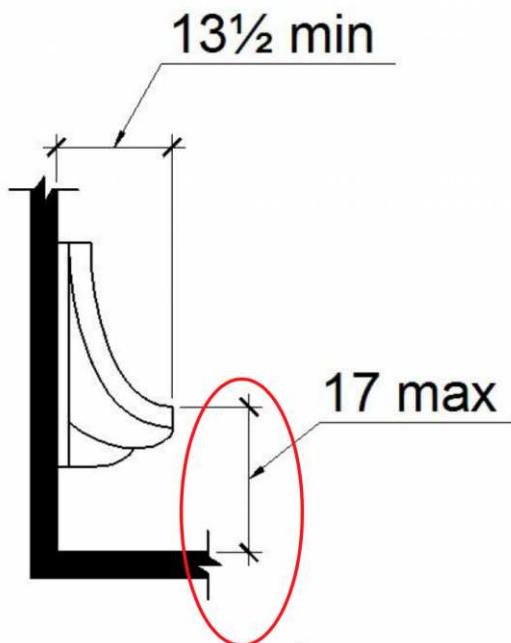
23 inches above  
finished floor

Recommendation:

Lower urinal to ensure a maximum height of 17 inches above finished floor.

Notes:

N/A



Finding 297324 Main Photo

## Men's Restroom - S218

### Finding: 239

Knee clearance at 27 inches off the floor is not 8 inches minimum deep.

The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.3

Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

#### Citation:

2010 ADAS Section: 306.3.3

#### As Built:

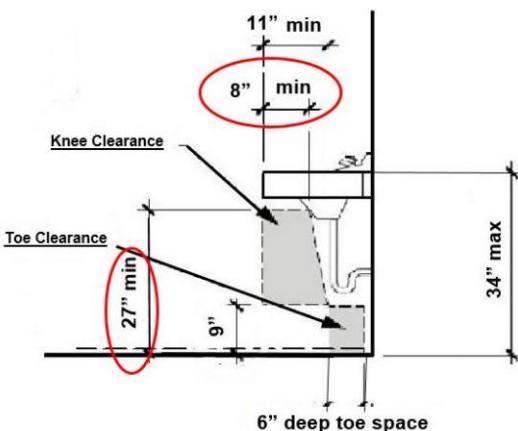
There was 25 inches of clearance from the floor to the bottom of the lavatory sink that extended at least 8 inches under for knee clearance. (Built 2005)

#### Recommendation:

Replace lavatory with one that provides a minimum height from the bottom edge of no less than 27 inches above finished floor and 8 inches minimum in depth for knee clearance.

#### Notes:

Corrective Action: Work order # 334585 submitted for correction.



Finding 83780 Main Photo

## Finding #239 Additional Finding Photos



Finding 83780 Additional Photo

## Men's Restroom - S218

### Finding: 240

The force required to operate the element exceeds the maximum.

The force required to activate operable parts is 5 pounds maximum.

2010 ADAS Section 309.4

*Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.*

#### Citation:

2010 ADAS Section: 309.4

#### As Built:

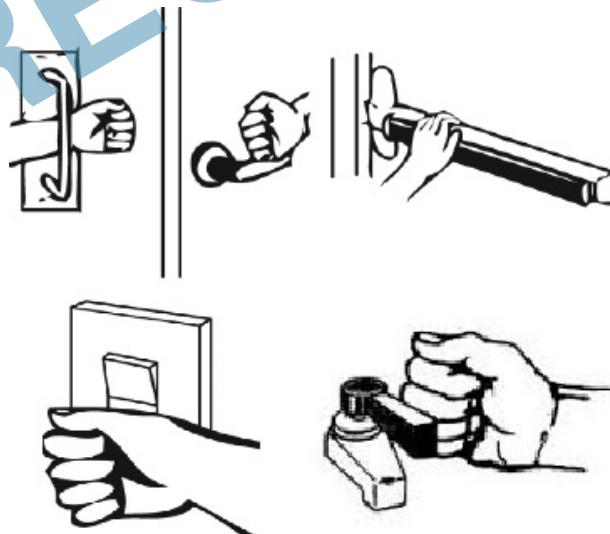
The flush control on the toilet required 7 pounds of force to activate.

#### Recommendation:

Work order 333858 submitted to change or adjust control. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 309.4: Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.36 of attach.

#### Notes:

Corrective Action: Work order 333858 submitted for correction.



Finding 83789 Main Photo

Men's Restroom - S218

Finding: 241

The flush handle is located on the wrong side of the toilet.

Controls shall be operable with one hand and shall not require tight grasping, pinching or twisting. Controls for the flush valves shall be mounted on the wide side of toilet areas, no more than 44 inches above the floor.

2010 ADAS Section 604.6

Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 309. Flush controls shall be located on the open side of the water closet except in ambulatory accessible compartments complying with 604.8.2.

Citation:

2010 ADAS Section: 604.6

As Built:

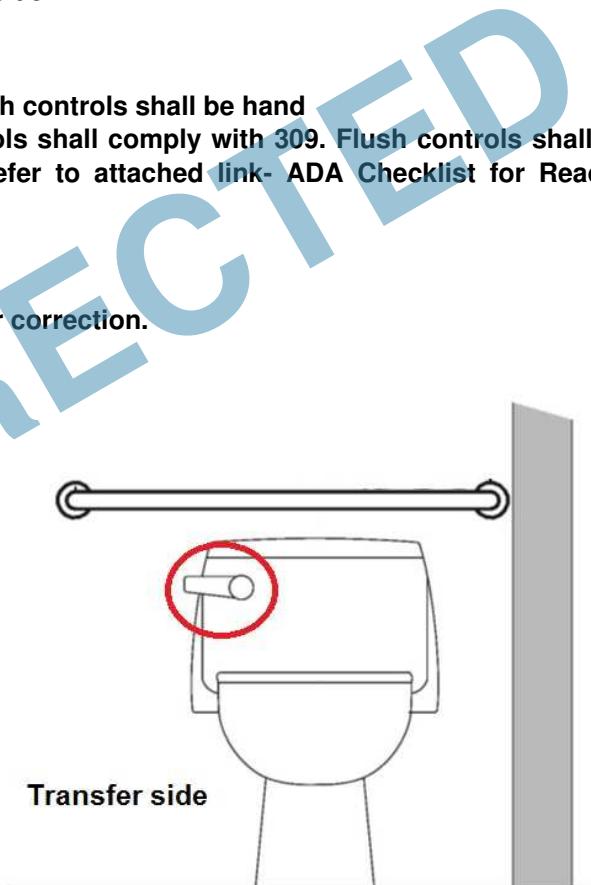
Toilet flush control  
was not on the open  
side.

Recommendation:

Work order 333858 submitted to move control. Flush controls shall be hand operated or automatic. Hand operated flush controls shall comply with 309. Flush controls shall be located on the open side of the water closet. Refer to attached link- ADA Checklist for Readily Achievable Barrier Removal, 3.37 of attach.

Notes:

Corrective Action: Work order 333858 submitted for correction.



Finding 83790 Main Photo

## Men's Restroom - S218

### Finding: 242

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

Toilet paper dispenser measured at 11 inches from the front of the water closet (toilet) to the centerline of the dispenser.

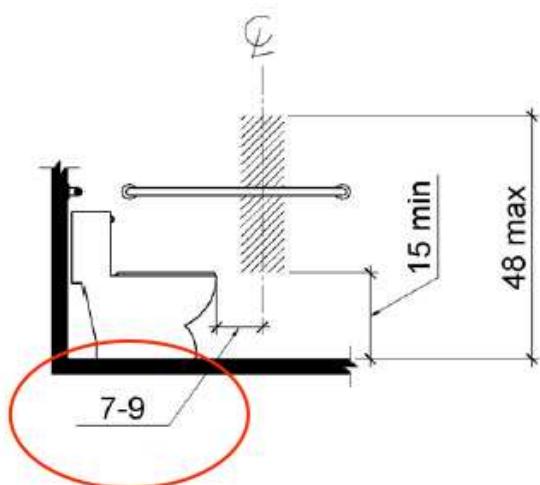
#### Recommendation:

Work order # 333858 was submitted to relocate dispenser. Toilet paper dispensers shall comply with 309.4 and shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. Refer to attached link- ADA Checklist for Readily Achievable Barrier Removal, 3.38 of attach.

#### Notes:

Corrective Action: Work order # 333858 submitted for correction.

Finding #242 Continued



Finding 83865 Main Photo

CORRECTED

**Finding #242 Additional Finding Photos**



**Finding 83865 Additional Photo**

CORRECTED

## Men's Restroom - S218

### Finding: 243

The water closet compartment door is missing a loop handle.

Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

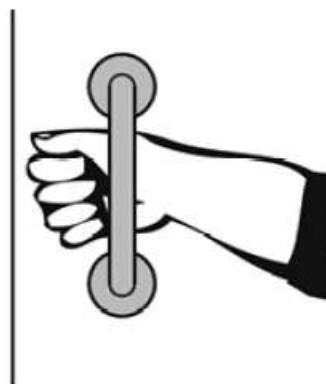
Toilet compartment (Stall) door did not have door pulls (handles) on either side.

#### Recommendation:

Work order # 333858 was submitted to add or replace door handle. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.44 of attach.

#### Notes:

Corrective Action: Work order # 333858 was submitted for correction.



Finding 83871 Main Photo

**Finding #243 Additional Finding Photos**



**Finding 83871 Additional Photo**

CORRECTED

## Men's Restroom - S218

### Finding: 244

The maneuvering space on the pull side of the door or gate does not adequately extend beyond the latch side of the door.

Maneuvering space for doors or gates on the pull side with a front approach must be flat (2% max. slope in any direction) for a minimum distance of 60 inches in the direction of travel. The width of the maneuvering space must be as wide as the door or gate plus an additional 18 inches on the latch side. This latch side clearance must also be flat (2% max. slope in any direction) and clear of obstructions.

2010 ADAS Section 404.2.4.1

*Swinging doors and gates shall have maneuvering clearances complying with Table 404.2.4.1.*

#### Citation:

2010 ADAS Section: 404.2.4.1

#### As Built:

The front approach to the pull side of the door only had 2" of maneuvering clearance beyond the latch side.

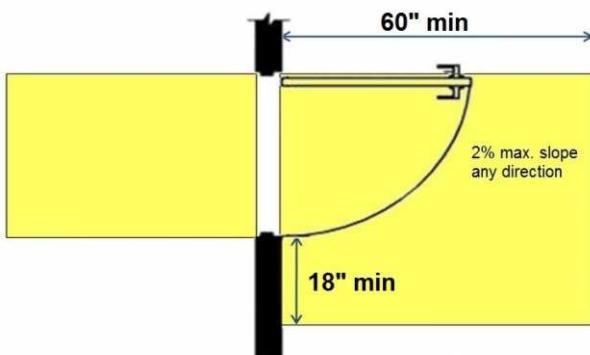
#### Recommendation:

Work order 334533 to remove obstruction, reconfigure wall or add an automatic door opener per ADA. Maneuvering clearances shall extend the full width of the doorway and the required latch side or hinge side clearance. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.7 of attach.

Recommend installing automatic door openers. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

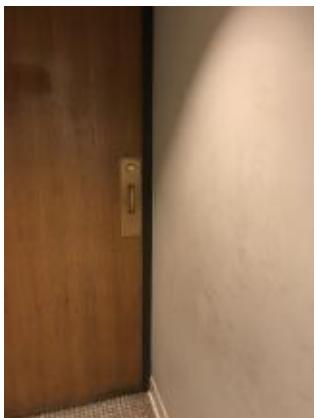
#### Notes:

Corrective Action: Work order 334533 submitted for correction.



Finding 83773 Main Photo

## Finding #244 Additional Finding Photos



Finding 83773 Additional Photo

## Men's Restroom - S218

### Finding: 245

The maneuvering space between the two doors in the vestibule is noncompliant.

The distance between two hinged or pivoted doors in series shall be 48 inches minimum plus the width of doors or gates swinging into the space.

2010 ADAS Section 404.2.6

*The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.*

#### Citation:

2010 ADAS Section: 404.2.6

#### As Built:

The distance between the doors between the hallway and restroom measures 34 inches.

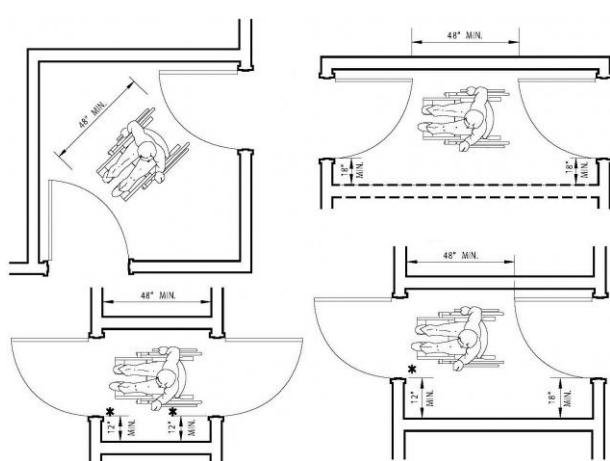
#### Recommendation:

Submitted a work order 334533 to remove inner door or change door swing to meet the ADA. The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches minimum plus the width of doors or gates swinging into the space. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.13 of attach.

Recommend installing automatic door openers. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

Corrective Action: Submitted work order 334533 for correction.



Finding 83776 Main Photo

## Finding #245 Additional Finding Photos



Finding 83776 Additional Photo

## Men's Restroom - S218

### Finding: 246

The clear floor space between the lavatory and the toilet is too narrow.

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.

Clear floor space around the water closet shall be 60 inches minimum measured perpendicular from the side wall and 56 inches minimum measured perpendicular from the rear wall.

*2010 ADAS Section 604.3.2*

*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.*

#### Citation:

2010 ADAS Section: 604.3.2

#### As Built:

Clearance provided around the water closet measured at 31 inches from the sidewall and 56 inches from the rear wall.

#### Recommendation:

Work order 333858 submitted to widen stall. Clearance around a water closet shall be 60 inches minimum measured perpendicular from the side wall and 56 inches minimum measured perpendicular from the rear wall. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.31 of attach.

#### Notes:

Corrective Action: Work order 333858 submitted for correction.

Finding #246 Continued



Finding 83785 Main Photo

TECHNICALLY  
INFEASIBLE

**Finding #246 Additional Finding Photos**



Finding 83785 Additional Photo

TECHNICALLY  
INFEASIBLE

## Men's Restroom - S218

### Finding: 247

The compartment door does not have an unobstructed clear opening width of 32 inches.

The water closet compartment shall be equipped with a door that has an automatic-closing device, and must have a clear, unobstructed opening width 32 inches.

2010 ADAS Section 404.2.3

Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

#### Citation:

2010 ADAS Section: 404.2.3

#### As Built:

The toilet compartment (stall) door opening width was 22 inches clear, between the face of the door and the stop, when the door is open 90 degrees.

#### Recommendation:

Work order # 333858 was submitted to widen door width. Toilet compartment doors, including door hardware, shall comply with. Clear Width: Door openings shall provide a clear width of 32 inches minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Refer to attached link-ADA Checklist for Readily Achievable Barrier Removal, 3.41 of attach.

#### Notes:

Corrective Action: Work order # 333858 was submitted for correction.



Finding 83867 Main Photo

**Finding #247 Additional Finding Photos**



**Finding 83867 Additional Photo**

**TECHNICALLY  
INFEASIBLE**

## Men's Restroom - S218

### Finding: 248

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Toilet compartment  
(Stall) door was not  
self-closing.

#### Recommendation:

Work order # 333858 was submitted to add closer or replace door. The door shall be self-closing. The door shall be self-closing. Refer to attached link-ADA

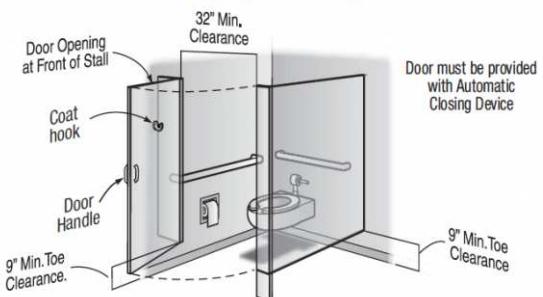
Checklist for Readily Achievable Barrier Removal, 3.43 of attach.

#### Notes:

Corrective Action: Work order # 333858 was submitted for correction.



COMPARTMENT DOORS



Finding 83870 Main Photo

## Men's Restroom - S218

### Finding: 249

The pictogram field contains characters and/or Braille.

Pictograms shall have a field height of 6 inches minimum. Characters and braille shall not be located in the pictogram field.

2010 ADAS Section 703.6.1

Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

#### Citation:

2010 ADAS Section: 703.6.1

#### As Built:

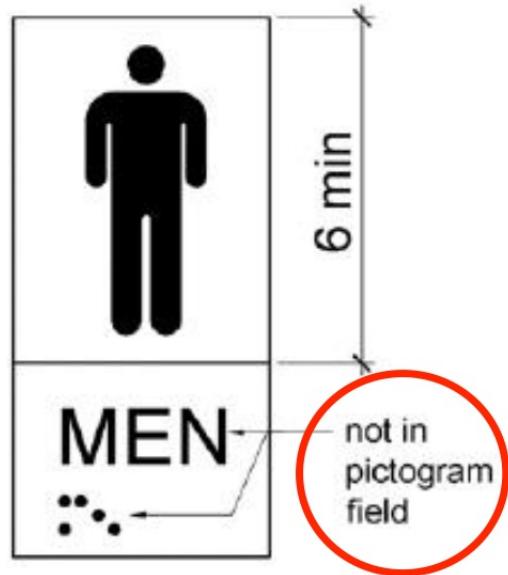
Pictogram 4 inches in height

#### Recommendation:

Replace sign with compliant pictogram filed of no less than 6 inches in height.

#### Notes:

N/A



Finding 297491 Main Photo

Men's Restroom - S218

Finding: 250

The urinal is confined on three sides (alcove).

Urinals installed in alcoves or with wing walls or partitions that extend greater than 24 inches must provide a clear space in front of the urinal that is a minimum of 36 inches wide.

2010 ADAS Section 305.7.1

Alcoves shall be 36 inches (915 mm) wide minimum where the depth exceeds 24 inches (610 mm).

Citation:

2010 ADAS Section: 305.7.1

As Built:

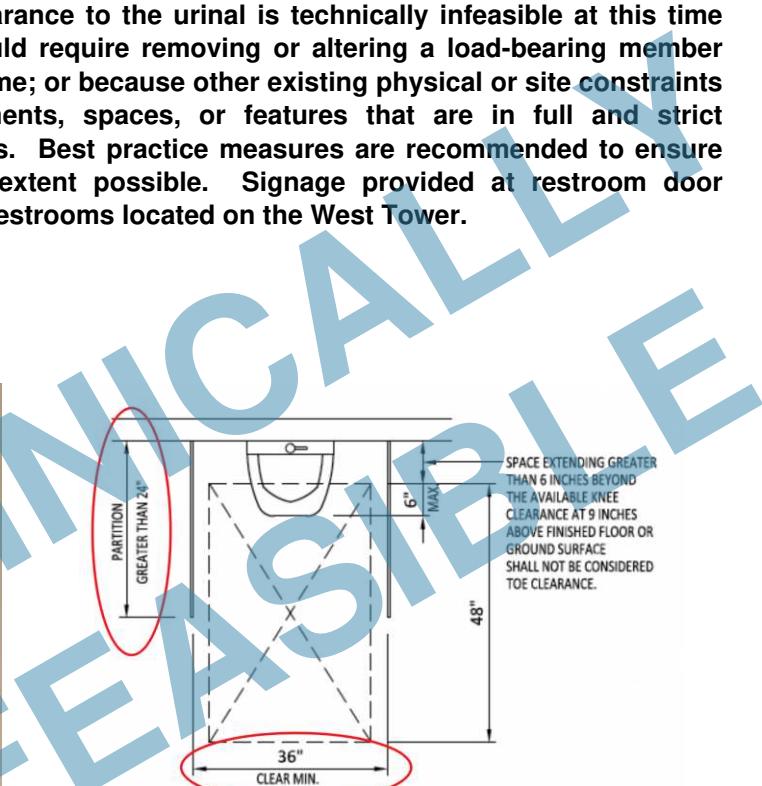
28.5 inches wide

Recommendation:

Providing the minimum required width clearance to the urinal is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

Notes:

N/A



Finding 297502 Main Photo

## Men's Restroom - S218

### Finding: 251

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

Requires 8 lbs of pressure to open

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

Corrective Action: Work order # 334591 submitted for correction.



Finding 83774 Main Photo

## Men's Restroom - S218

### Finding: 252

The locking/latching hardware is not accessible.

Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

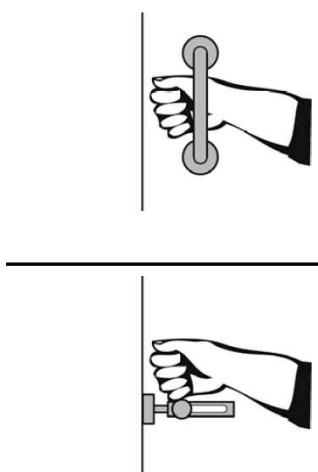
Toilet compartment  
(Stall) door lock was  
not operable with one  
hand without tight  
grasping, pinching or  
twisting of the wrist.

#### Recommendation:

Replace locking hardware with locking lever that does not require tight grasping, tight pinching or twisting of the wrist to operate.

#### Notes:

N/A



Finding 83872 Main Photo

## Finding #252 Additional Finding Photos



Finding 83872 Additional Photo

## Men's Restroom S316

### Finding: 253

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

9 pounds of pressure  
required

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297330 Main Photo

## Men's Restroom S316

### Finding: 254

The maneuvering space between the two doors in the vestibule is noncompliant.

The distance between two hinged or pivoted doors in series shall be 48 inches minimum plus the width of doors or gates swinging into the space.

2010 ADAS Section 404.2.6

*The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.*

#### Citation:

2010 ADAS Section: 404.2.6

#### As Built:

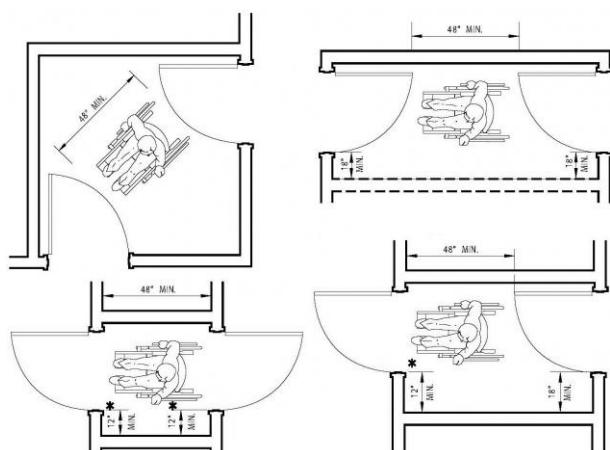
33 inches of clearance between doors

#### Recommendation:

Recommend installing automatic door openers. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297331 Main Photo

**Men's Restroom S316**

**Finding: 255**

The faucet controls require twisting of the wrist.

Faucet controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 lb. Lever-operated, push-type and electronically controlled mechanisms are examples of acceptable designs. Self-closing valves are allowed if the faucet remains open for at least 10 seconds.

*2010 ADAS Section 606.4*

*Controls for faucets shall comply with 309. Hand-operated metering faucets shall remain open for 10 seconds minimum.*

**Citation:**

2010 ADAS Section: 606.4

**As Built:**

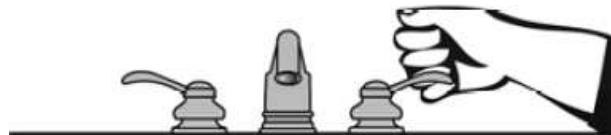
Faucet controls is required twisting of the rest

**Recommendation:**

Install lever type faucet controls that do not require tight grasping, pinching or twisting of the wrist.

**Notes:**

N/A



Finding 297332 Main Photo

## Men's Restroom S316

### Finding: 256

The water and drain pipes under the lavatory are not adequately insulated.

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.

2010 ADAS Section 606.5

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.

#### Citation:

2010 ADAS Section: 606.5

#### As Built:

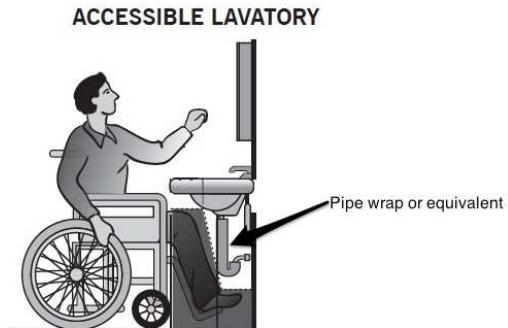
Drain pipes not  
insulated

#### Recommendation:

Insulate drain pipes under lavatory.

#### Notes:

N/A



Finding 297333 Main Photo

Men's Restroom S316

Finding: 257

Compliant knee space has not been provided under the lavatory.

The knee clearance shall be 11 inches minimum in depth at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.1

Space under an element between 9 inches (230 mm) and 27 inches (685 mm) above the finish floor or ground shall be considered knee clearance and shall comply with 306.3.

Citation:

2010 ADAS Section: 306.3.1

As Built:

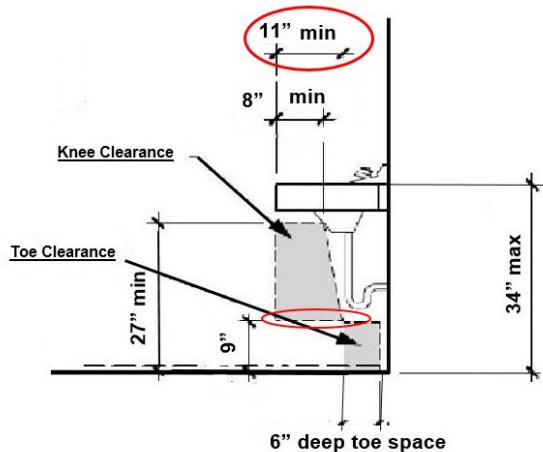
No knee clearance  
provided under  
lavatory

Recommendation:

Replace lavatory with one that provides a minimum height from the bottom edge of no less than 27 inches above finished floor and 8 inches minimum in depth for knee clearance.

Notes:

N/A



Finding 297334 Main Photo

## Men's Restroom S316

### Finding: 258

The mirror is mounted too high.

Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground.

2010 ADAS Section 603.3

*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 35 inches (890 mm) maximum above the finish floor or ground.*

#### Citation:

2010 ADAS Section: 603.3

#### As Built:

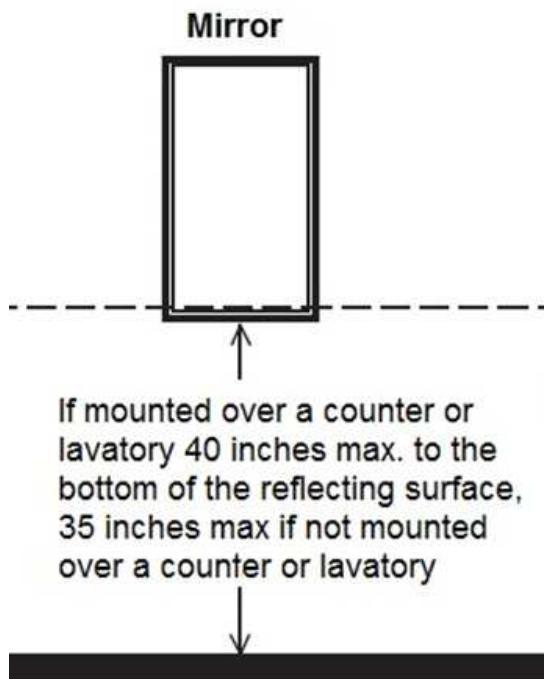
48 inches above  
finished floor

#### Recommendation:

Lower mirror to a maximum of 40 inches above finished floor measured to the bottom edge of the reflective surface. Recommend lowering mirror a 9 inches.

#### Notes:

N/A



Finding 297335 Main Photo

## Men's Restroom S316

### Finding: 259

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

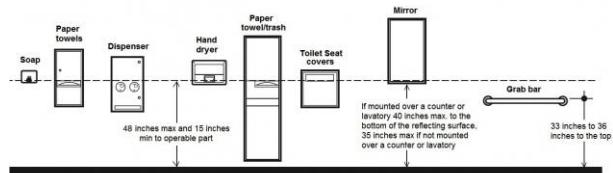
54.5 inches above  
finished floor

#### Recommendation:

Lower paper tower dispenser 8 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297336 Main Photo

## Men's Restroom S316

### Finding: 260

The water closet compartment door is missing a loop handle.

Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

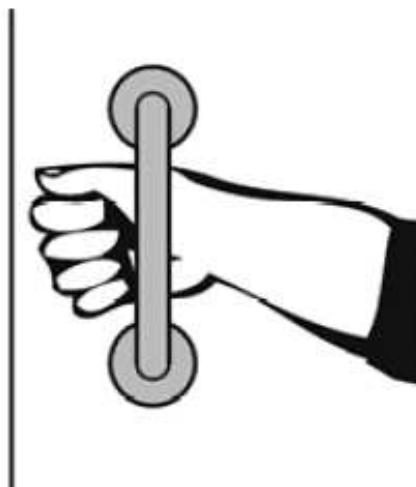
Loop handle missing  
on both sides of the  
compartment door

#### Recommendation:

Install loop or U-shape handles on the inside and outside of the compartment door.

#### Notes:

N/A



Finding 297337 Main Photo

Men's Restroom S316

Finding: 261

The toilet compartment is not wide enough.

Toilet compartments must be a minimum of 60 inches in width.

2010 ADAS Section 604.8.1.1

Wheelchair accessible compartments shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 56 inches (1420 mm) deep minimum for wall hung water closets and 59 inches (1500 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 59 inches (1500 mm) deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

Citation:

2010 ADAS Section: 604.8.1.1

As Built:

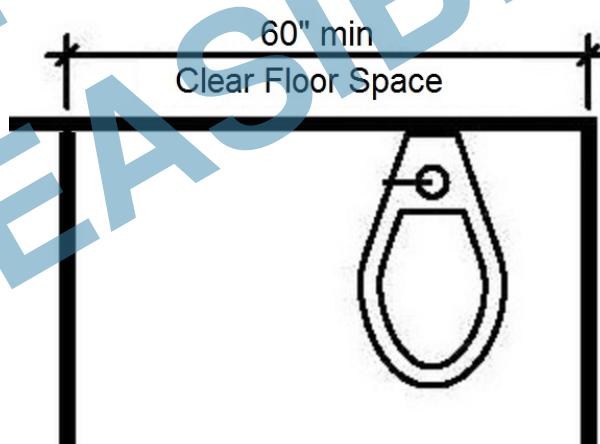
32 inches wide

Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

Notes:

N/A



Finding 297338 Main Photo

## Men's Restroom S316

### Finding: 262

The toilet seat is not located within the range allowed off the floor.

The height of accessible water closets shall be a minimum of 17 inches and a maximum of 19 inches measured to the top of a maximum 2-inch high toilet seat.

2010 ADAS Section 604.4

*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.*

#### Citation:

2010 ADAS Section: 604.4

#### As Built:

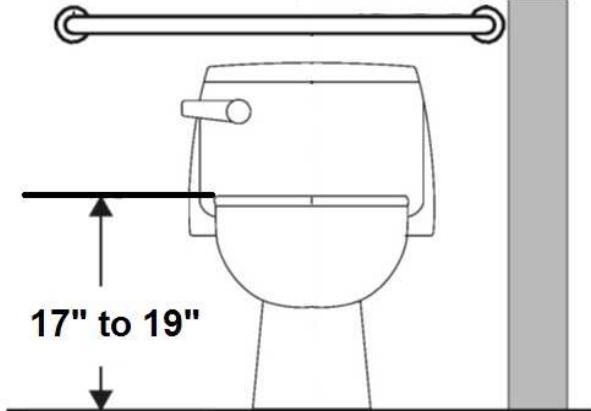
16.75 inches from  
side wall

#### Recommendation:

Adjust toilet height, replace toilet or replace toilet seat with one that will meet the minimum height requirement of 17 inches.

#### Notes:

N/A



Finding 297339 Main Photo

## Men's Restroom S316

### Finding: 263

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

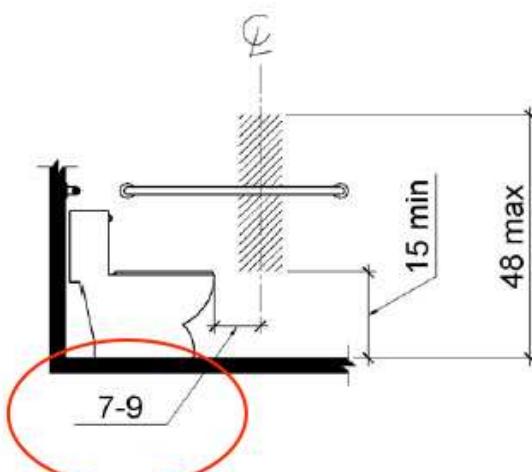
3 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297340 Main Photo

## Men's Restroom S316

### Finding: 264

Accessible toilets must have grab bars installed.

The side grab bar must extend at least 54 inches minimum beyond the rear wall and start a maximum of 12 inches from the rear wall.

The rear grab bar must be a minimum of 36 inches long and extend from the centerline of the toilet 12 inches minimum on one side and 24 inches minimum on the other side.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface.

2010 ADAS Section 604.5

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.

#### Citation:

2010 ADAS Section: 604.5

#### As Built:

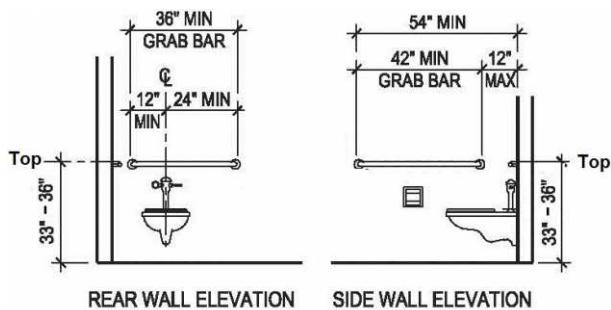
Missing grab bars

#### Recommendation:

Install 1 side and 1 rear grab bar at 36 inches maximum above finished floor measured to the top of the gripping surface. Please see finding details for compliant measurements. Rear grab bar may not meet compliance clearances due to structural limitations.

#### Notes:

N/A



Finding 297341 Main Photo

Men's Restroom S316

Finding: 265

The compartment door does not have an unobstructed clear opening width of 32 inches.

The water closet compartment shall be equipped with a door that has an automatic-closing device, and must have a clear, unobstructed opening width 32 inches.

2010 ADAS Section 404.2.3

Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

Citation:

2010 ADAS Section: 404.2.3

As Built:

22.5 inches wide

Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

Notes:

N/A



Finding 297342 Main Photo

Men's Restroom S316

Finding: 266

The urinal is confined on three sides (alcove).

Urinals installed in alcoves or with wing walls or partitions that extend greater than 24 inches must provide a clear space in front of the urinal that is a minimum of 36 inches wide.

2010 ADAS Section 305.7.1

Alcoves shall be 36 inches (915 mm) wide minimum where the depth exceeds 24 inches (610 mm).

Citation:

2010 ADAS Section: 305.7.1

As Built:

29 inches wide

Recommendation:

Providing the minimum required width clearance to the urinal is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

Notes:

N/A



Finding 297343 Main Photo

## Men's Restroom S316

### Finding: 267

The rim of the urinal is too high.

Wall-hung urinals must be provided with an elongated rim projecting a minimum of 13 1/2 inches from the wall and a maximum of 17 inches above the floor.

2010 ADAS Section 605.2

Urinals shall be the stall-type or the wall-hung type with the rim 17 inches (430 mm) maximum above the finish floor or ground. Urinals shall be 13 1/2 inches (345 mm) deep minimum measured from the outer face of the urinal rim to the back of the fixture.

#### Citation:

2010 ADAS Section: 605.2

#### As Built:

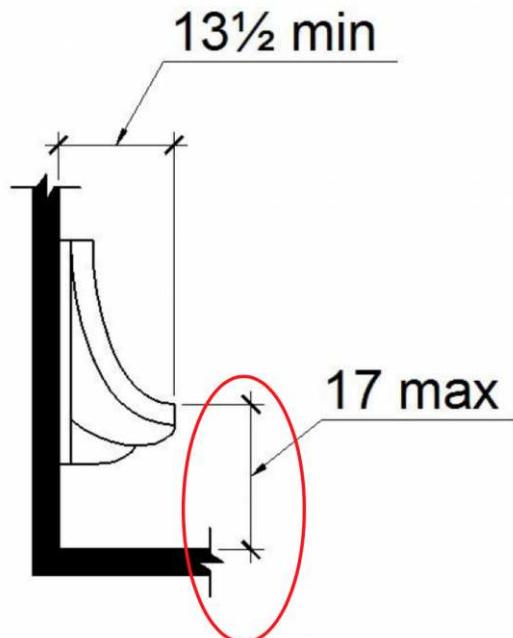
22.5 inches wide

#### Recommendation:

Lower urinal to ensure a maximum height of 17 inches above finished floor.

#### Notes:

N/A



Finding 297344 Main Photo

## Men's Restroom S316

### Finding: 268

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

#### Citation:

2010 ADAS Section: 404.2.8.1

#### As Built:

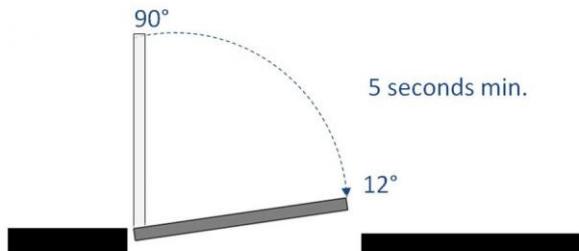
3.5 seconds to closed position

#### Recommendation:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

#### Notes:

N/A



Finding 297345 Main Photo

## Men's Restroom S316

### Finding: 269

The pictogram field contains characters and/or Braille.

Pictograms shall have a field height of 6 inches minimum. Characters and braille shall not be located in the pictogram field.

2010 ADAS Section 703.6.1

Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

#### Citation:

2010 ADAS Section: 703.6.1

#### As Built:

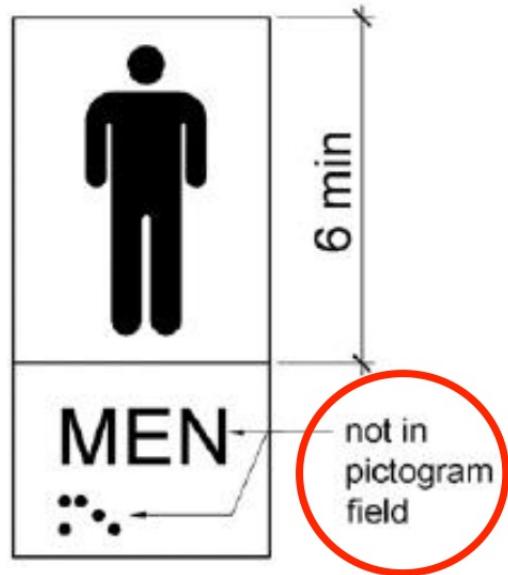
Pictogram 4 inches in height

#### Recommendation:

Replace sign with compliant pictogram field of no less than 6 inches in height.

#### Notes:

N/A



Finding 297494 Main Photo

## Men's Restroom S316

### Finding: 270

The locking/latching hardware is not accessible.

Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

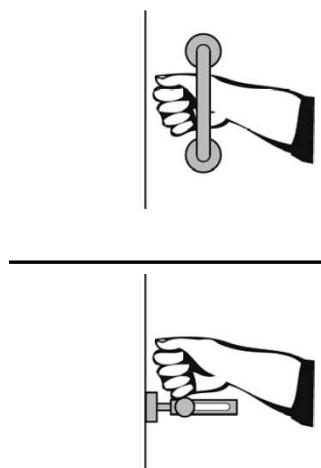
Toilet compartment  
(Stall) door lock was  
not operable with one  
hand without tight  
grasping, pinching or  
twisting of the wrist.

#### Recommendation:

Replace locking hardware with locking lever that does not require tight grasping, tight pinching or twisting of the wrist to operate.

#### Notes:

N/A



Finding 297517 Main Photo

## Men's Restroom S418

### Finding: 271

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

#### Citation:

2010 ADAS Section: 404.2.8.1

#### As Built:

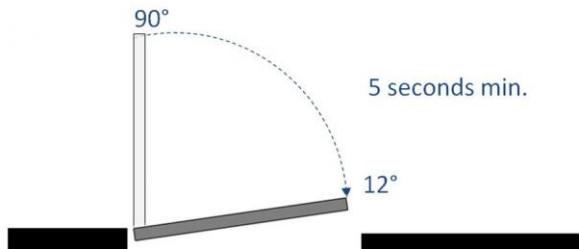
3 seconds to closed position

#### Recommendation:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

#### Notes:

N/A



Finding 297380 Main Photo

## Men's Restroom S418

### Finding: 272

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

8 pounds of force  
required

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297381 Main Photo

## Men's Restroom S418

### Finding: 273

The maneuvering space between the two doors in the vestibule is noncompliant.

The distance between two hinged or pivoted doors in series shall be 48 inches minimum plus the width of doors or gates swinging into the space.

2010 ADAS Section 404.2.6

*The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.*

#### Citation:

2010 ADAS Section: 404.2.6

#### As Built:

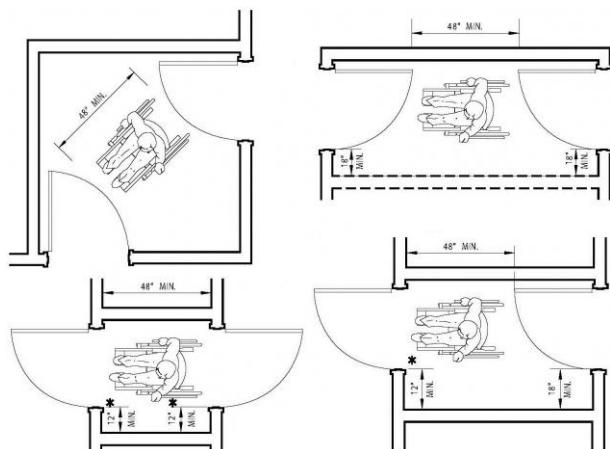
33 inches of clearance between the doors

#### Recommendation:

Recommend installing automatic door openers. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297382 Main Photo

**Men's Restroom S418**

**Finding: 274**

The water and drain pipes under the lavatory are not adequately insulated.

**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.**

*2010 ADAS Section 606.5*

*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.*

**Citation:**

**2010 ADAS Section: 606.5**

**As Built:**

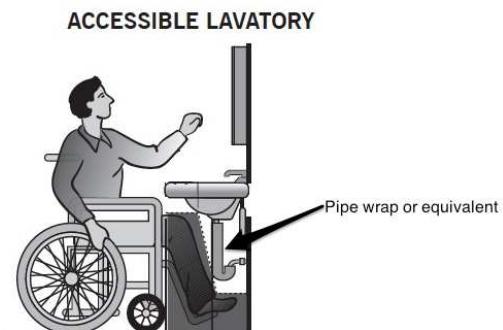
**Missing drain pipe insulation under lavatory**

**Recommendation:**

**Insulate drain pipes under lavatory.**

**Notes:**

N/A



Finding 297383 Main Photo

**Men's Restroom S418**

**Finding: 275**

The faucet controls require twisting of the wrist.

Faucet controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 lb. Lever-operated, push-type and electronically controlled mechanisms are examples of acceptable designs. Self-closing valves are allowed if the faucet remains open for at least 10 seconds.

*2010 ADAS Section 606.4*

*Controls for faucets shall comply with 309. Hand-operated metering faucets shall remain open for 10 seconds minimum.*

**Citation:**

2010 ADAS Section: 606.4

**As Built:**

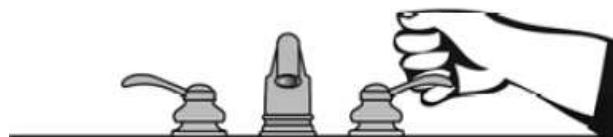
Faucet controls  
require tight grasping

**Recommendation:**

Install lever type faucet controls that do not require tight grasping, pinching or twisting of the wrist.

**Notes:**

N/A



Finding 297384 Main Photo

Men's Restroom S418

Finding: 276

Knee clearance at 27 inches off the floor is not 8 inches minimum deep.

The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.3

Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

Citation:

2010 ADAS Section: 306.3.3

As Built:

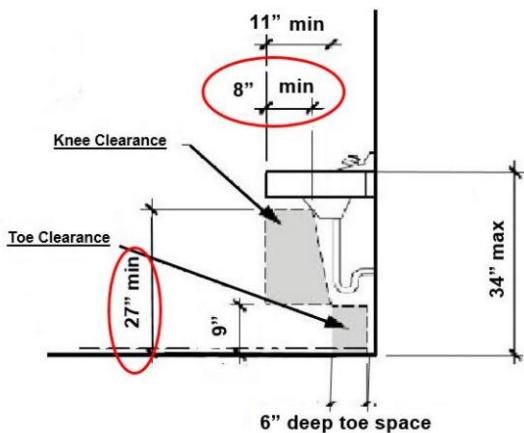
No knee clearance provided

Recommendation:

Replace lavatory with one that provides a minimum height from the bottom edge of no less than 27 inches above finished floor and 8 inches minimum in depth for knee clearance.

Notes:

N/A



Finding 297385 Main Photo

## Men's Restroom S418

### Finding: 277

The mirror is mounted too high.

Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground.

2010 ADAS Section 603.3

*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 35 inches (890 mm) maximum above the finish floor or ground.*

#### Citation:

2010 ADAS Section: 603.3

#### As Built:

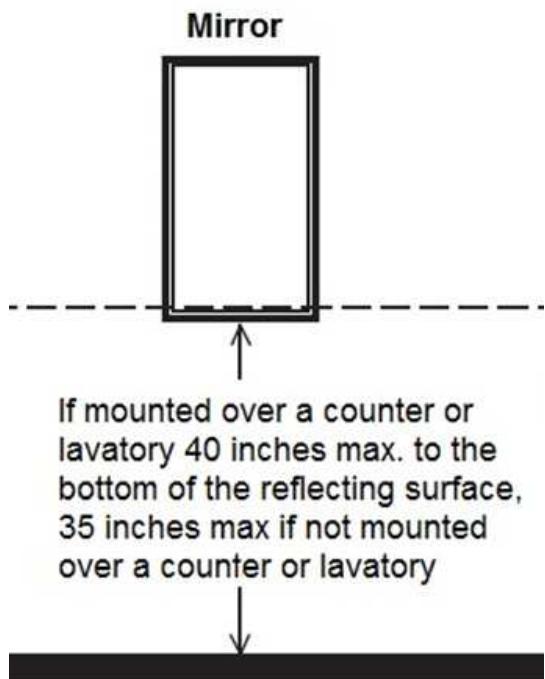
49 inches above  
finished floor

#### Recommendation:

Lower mirror to a maximum of 40 inches above finished floor measured to the bottom edge of the reflective surface. Recommend lowering mirror a 10 inches.

#### Notes:

N/A



Finding 297386 Main Photo

Men's Restroom S418

Finding: 278

The urinal is confined on three sides (alcove).

Urinals installed in alcoves or with wing walls or partitions that extend greater than 24 inches must provide a clear space in front of the urinal that is a minimum of 36 inches wide.

2010 ADAS Section 305.7.1

Alcoves shall be 36 inches (915 mm) wide minimum where the depth exceeds 24 inches (610 mm).

Citation:

2010 ADAS Section: 305.7.1

As Built:

29.75 inches wide

Recommendation:

Providing the minimum required width clearance to the urinal is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

Notes:

N/A



Finding 297387 Main Photo

Men's Restroom S418

Finding: 279

The rim of the urinal is too high.

Wall-hung urinals must be provided with an elongated rim projecting a minimum of 13 1/2 inches from the wall and a maximum of 17 inches above the floor.

2010 ADAS Section 605.2

Urinals shall be the stall-type or the wall-hung type with the rim 17 inches (430 mm) maximum above the finish floor or ground. Urinals shall be 13 1/2 inches (345 mm) deep minimum measured from the outer face of the urinal rim to the back of the fixture.

Citation:

2010 ADAS Section: 605.2

As Built:

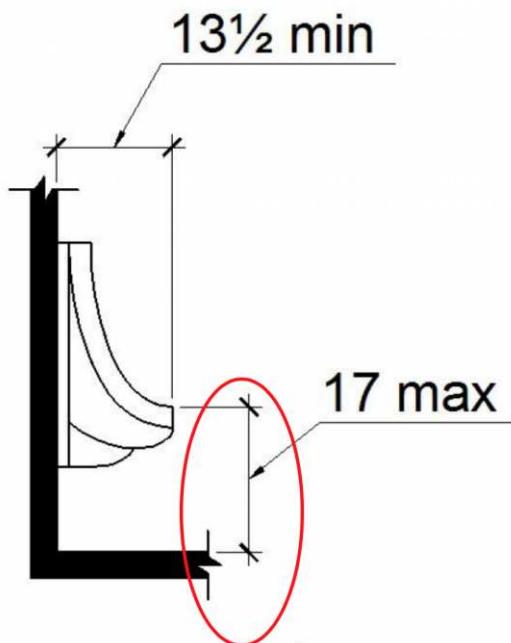
24.75 inches above  
finished floor

Recommendation:

Lower urinal to ensure a maximum height of 17 inches above finished floor.

Notes:

N/A



Finding 297388 Main Photo

## Men's Restroom S418

Finding: 280

Accessible toilets must have grab bars installed.

The side grab bar must extend at least 54 inches minimum beyond the rear wall and start a maximum of 12 inches from the rear wall.

The rear grab bar must be a minimum of 36 inches long and extend from the centerline of the toilet 12 inches minimum on one side and 24 inches minimum on the other side.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface.

2010 ADAS Section 604.5

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.

### Citation:

2010 ADAS Section: 604.5

### As Built:

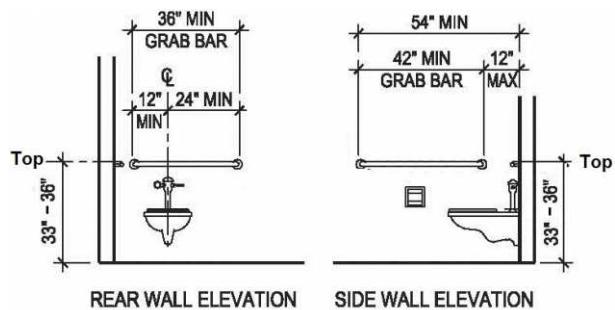
Missing grab bars

### Recommendation:

Install 1 side and 1 rear grab bar at 36 inches maximum above finished floor measured to the top of the gripping surface. Please see finding details for compliant measurements. Rear grab bar may not meet compliance clearances due to structural limitations.

### Notes:

N/A



Finding 297390 Main Photo

Men's Restroom S418

Finding: 281

The toilet compartment is not wide enough.

Toilet compartments must be a minimum of 60 inches in width.

2010 ADAS Section 604.8.1.1

Wheelchair accessible compartments shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 56 inches (1420 mm) deep minimum for wall hung water closets and 59 inches (1500 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 59 inches (1500 mm) deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

Citation:

2010 ADAS Section: 604.8.1.1

As Built:

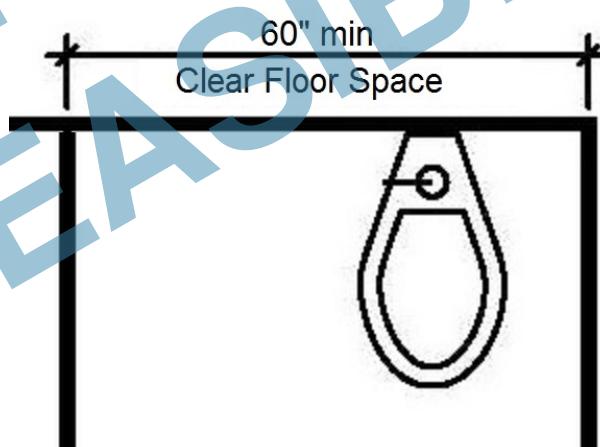
32 inches wide

Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

Notes:

N/A



Finding 297391 Main Photo

Men's Restroom S418

Finding: 282

The compartment door does not have an unobstructed clear opening width of 32 inches.

The water closet compartment shall be equipped with a door that has an automatic-closing device, and must have a clear, unobstructed opening width 32 inches.

2010 ADAS Section 404.2.3

Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

Citation:

2010 ADAS Section: 404.2.3

As Built:

22.5 inches wide

Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

Notes:

N/A



Finding 297392 Main Photo

Men's Restroom S418

Finding: 283

The coat hook is installed greater than 48 inches above the finished floor.

Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum above the finished floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

Citation:

2010 ADAS Section: 308.2.1

As Built:

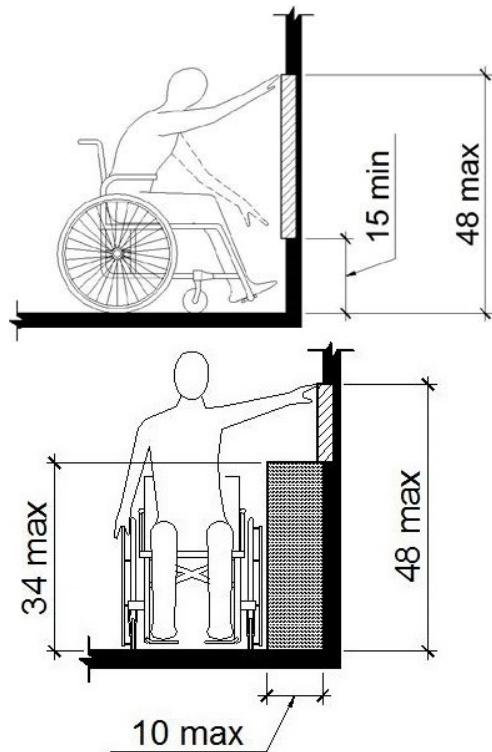
65.5 inches above  
finished floor

Recommendation:

Lower coat hook 19 inches minimum. Not to exceed a maximum height of 48 inches above finished floor.

Notes:

N/A



Considered  
Unobstructed

Finding 297393 Main Photo

**Men's Restroom S418**

**Finding: 284**

The water closet compartment door is missing a loop handle.

**Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

2010 ADAS Section: 604.8.1.2

**As Built:**

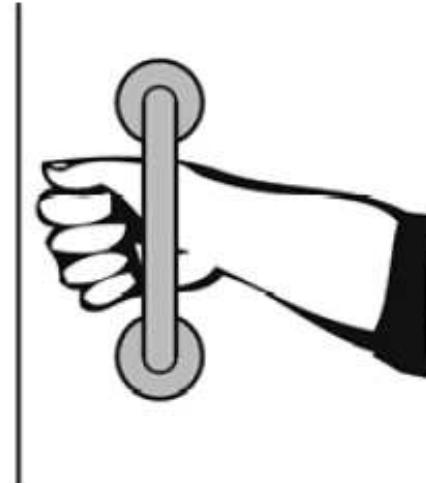
Compartment door  
missing loop handles

**Recommendation:**

Install loop or U-shape handles on the inside and outside of the compartment door.

**Notes:**

N/A



Finding 297394 Main Photo

## Men's Restroom S418

### Finding: 285

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

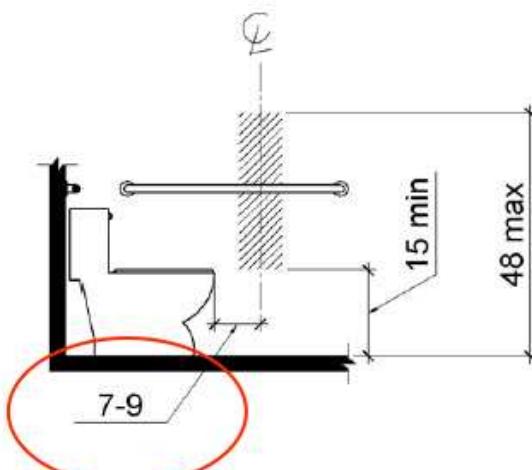
0 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297532 Main Photo

## Men's Restroom S418

Finding: 286

The pictogram field contains characters and/or Braille.

Pictograms shall have a field height of 6 inches minimum. Characters and braille shall not be located in the pictogram field.

2010 ADAS Section 703.6.1

Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

### Citation:

2010 ADAS Section: 703.6.1

### As Built:

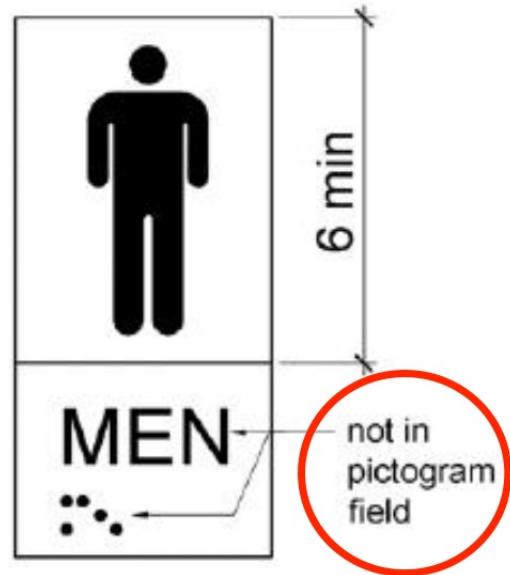
Pictogram 4 inches in height

### Recommendation:

Replace sign with compliant pictogram field of no less than 6 inches in height.

### Notes:

N/A



Finding 297495 Main Photo

## Men's Restroom S418

Finding: 287

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

### Citation:

2010 ADAS Section: 308.2.1

### As Built:

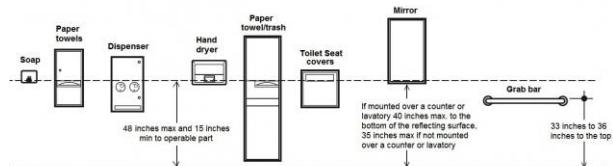
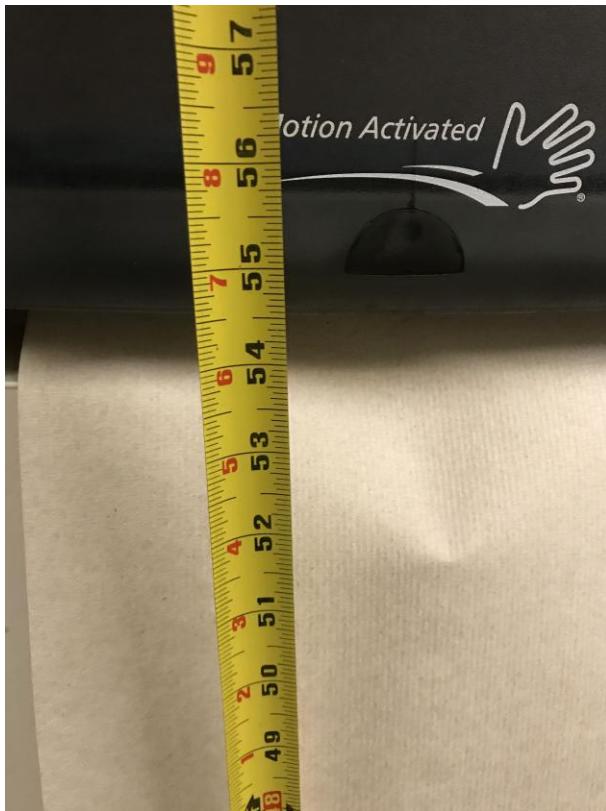
55 inches above  
finished floor

### Recommendation:

Lower paper towel dispenser 9 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

### Notes:

N/A



Finding 297389 Main Photo

**Men's Restroom S518**

**Finding: 288**

**The door knob is not accessible because it requires tight grasping, pinching or twisting of the wrist.**

*2010 ADAS Section 309.4*

*Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.*

**Citation:**

**2010 ADAS Section: 309.4**

**As Built:**

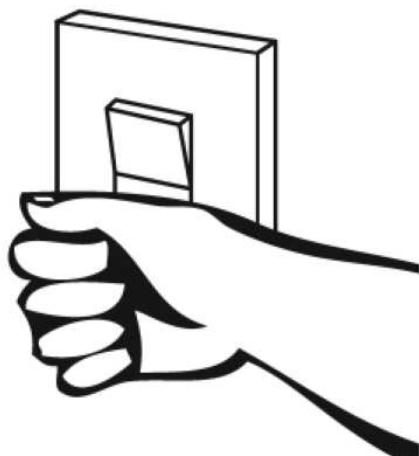
**Door knob requires  
tight grasping**

**Recommendation:**

**Install lever type door handle that does not require tight grasping, pinching or twisting of the wrist.**

**Notes:**

N/A



**Finding 297398 Main Photo**

## Men's Restroom S518

### Finding: 289

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

9 pounds of force  
required

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297399 Main Photo

## Men's Restroom S518

### Finding: 290

The maneuvering space between the two doors in the vestibule is noncompliant.

The distance between two hinged or pivoted doors in series shall be 48 inches minimum plus the width of doors or gates swinging into the space.

2010 ADAS Section 404.2.6

The distance between two hinged or pivoted doors in series and gates in series shall be 48 inches (1220 mm) minimum plus the width of doors or gates swinging into the space.

#### Citation:

2010 ADAS Section: 404.2.6

#### As Built:

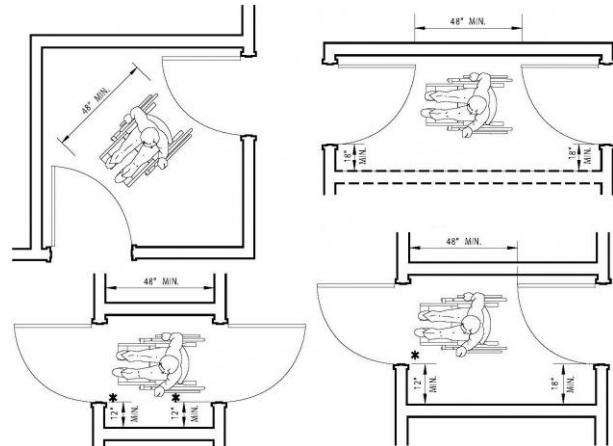
33 inches clearance  
between the doors

#### Recommendation:

Recommend installing automatic door openers. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

#### Notes:

N/A



Finding 297400 Main Photo

## Men's Restroom S518

### Finding: 291

The side grab bar is too high.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface and the space between the grab bar and the top of the tank shall be 1-1/2 inches minimum.

2010 ADAS Section 609.4

Grab bars shall be installed in a horizontal position, 33 inches (840 mm) minimum and 36 inches (915 mm) maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches (455 mm) minimum and 27 inches (685 mm) maximum above the finish floor measured to the top of the gripping surface. The height of the lower grab bar on the back wall of a bathtub shall comply with 607.4.1.1 or 607.4.2.1.

#### Citation:

2010 ADAS Section: 609.4

#### As Built:

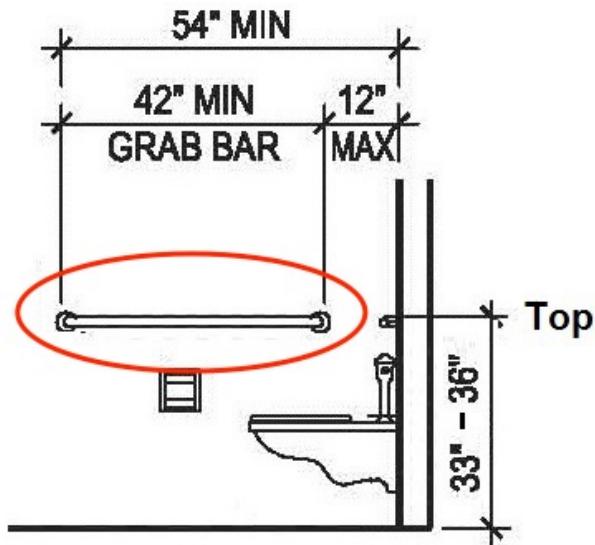
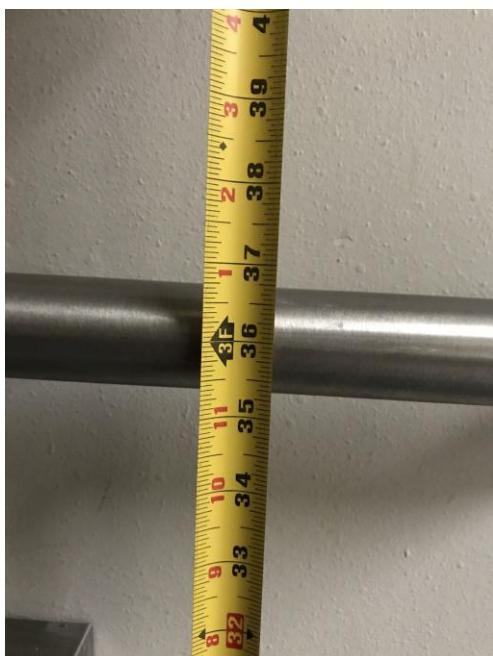
Both side grab bars at  
36.75 inches above  
finished floor

#### Recommendation:

Re-position or install grab bar in a horizontal position 33 inches minimum and 36 inches maximum above the finished floor measured to the top of the gripping surface.

#### Notes:

N/A



Finding 297537 Main Photo

**Men's Restroom S518**

**Finding: 292**

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

**Citation:**

**2010 ADAS Section: 404.2.8.1**

**As Built:**

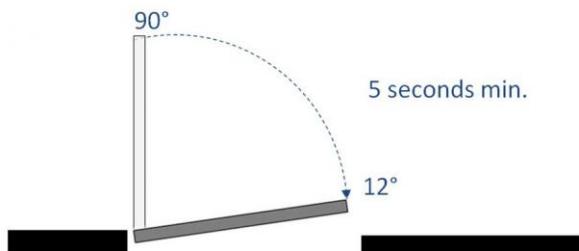
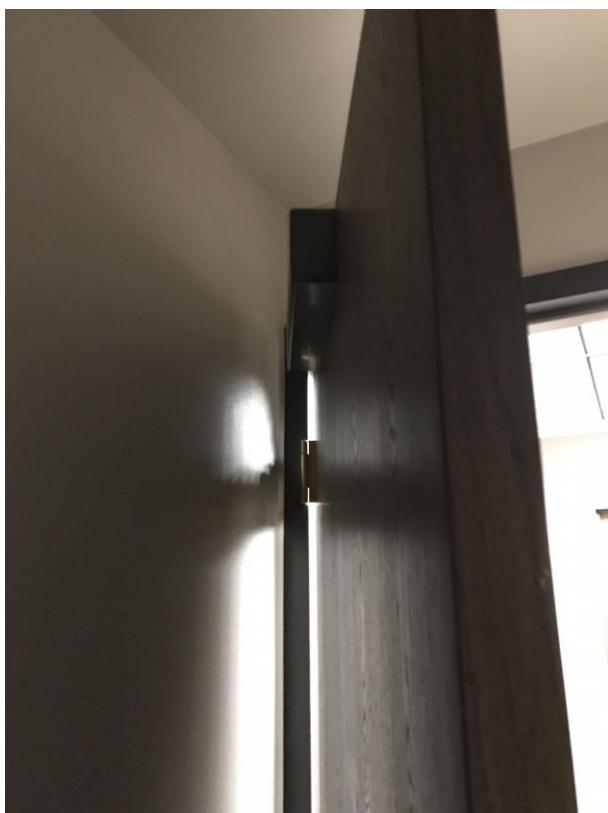
**3 seconds to closed  
the position**

**Recommendation:**

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

**Notes:**

N/A



Finding 297437 Main Photo

**Men's Restroom S518**

**Finding: 293**

**The water and drain pipes under the lavatory are not adequately insulated.**

**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.**

*2010 ADAS Section 606.5*

*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.*

**Citation:**

**2010 ADAS Section: 606.5**

**As Built:**

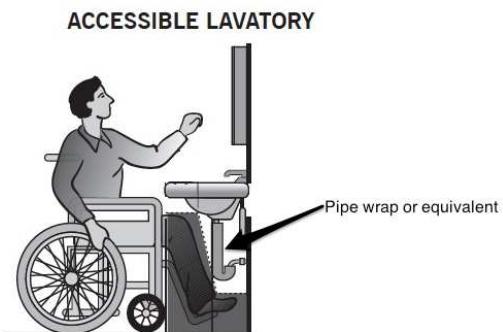
**Missing drain pipe insulation underneath lavatory**

**Recommendation:**

**Insulate drain pipes under lavatory.**

**Notes:**

**N/A**



**Finding 297439 Main Photo**

**Men's Restroom S518**

**Finding: 294**

The faucet controls require twisting of the wrist.

Faucet controls and operating mechanisms shall be operable with one hand and shall not require tight grasping, pinching or twisting of the wrist. The force required to activate controls shall be no greater than 5 lb. Lever-operated, push-type and electronically controlled mechanisms are examples of acceptable designs. Self-closing valves are allowed if the faucet remains open for at least 10 seconds.

*2010 ADAS Section 606.4*

*Controls for faucets shall comply with 309. Hand-operated metering faucets shall remain open for 10 seconds minimum.*

**Citation:**

2010 ADAS Section: 606.4

**As Built:**

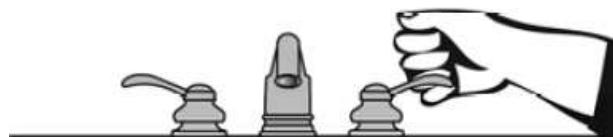
Faucet controls  
require tight grasping

**Recommendation:**

Install lever type faucet controls that do not require tight grasping, pinching or twisting of the wrist.

**Notes:**

N/A



Finding 297440 Main Photo

## Men's Restroom S518

### Finding: 295

The mirror is mounted too high.

Mirrors must have the bottom edge of the reflecting surface a maximum of 40 inches above the floor if above a sink or counter. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground.

2010 ADAS Section 603.3

*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 35 inches (890 mm) maximum above the finish floor or ground.*

#### Citation:

2010 ADAS Section: 603.3

#### As Built:

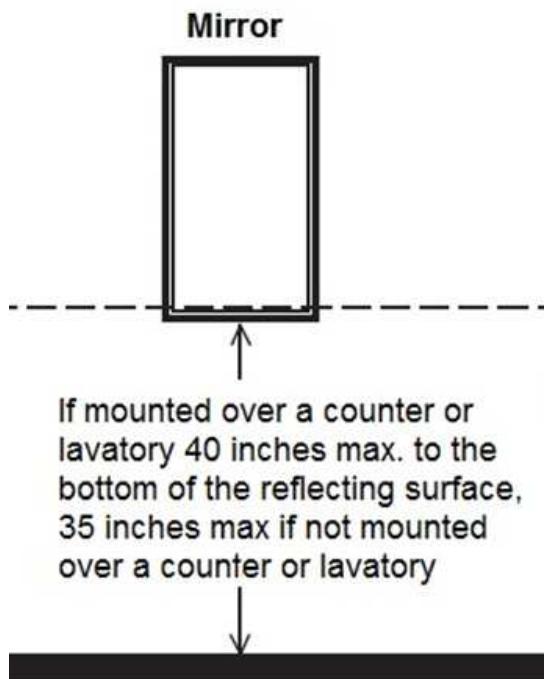
48.5 inches above  
finished floor

#### Recommendation:

Lower mirror to a maximum of 40 inches above finished floor measured to the bottom edge of the reflective surface. Recommend lowering mirror a 9 inches.

#### Notes:

N/A



Finding 297441 Main Photo

Men's Restroom S518

Finding: 296

Knee clearance at 27 inches off the floor is not 8 inches minimum deep.

The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.3

Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

Citation:

2010 ADAS Section: 306.3.3

As Built:

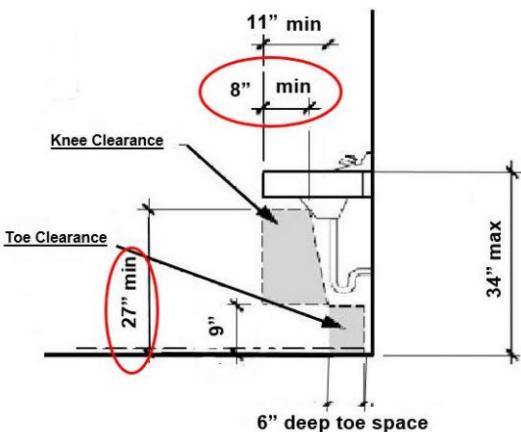
No knee clearance provided under lavatory

Recommendation:

Replace lavatory with one that provides a minimum height from the bottom edge of no less than 27 inches above finished floor and 8 inches minimum in depth for knee clearance.

Notes:

N/A



Finding 297442 Main Photo

## Men's Restroom S518

### Finding: 297

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self-closing

#### Recommendation:

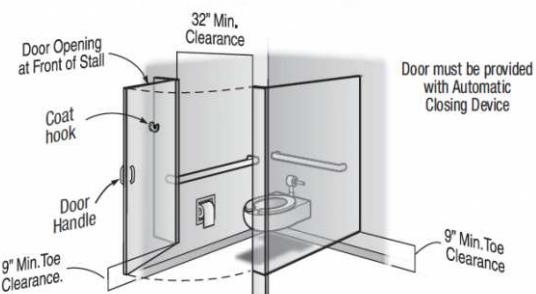
Adjust or install automatic closing hinges.

#### Notes:

N/A



COMPARTMENT DOORS



Finding 297443 Main Photo

Men's Restroom S518

Finding: 298

The toilet compartment is not wide enough.

Toilet compartments must be a minimum of 60 inches in width.

2010 ADAS Section 604.8.1.1

Wheelchair accessible compartments shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 56 inches (1420 mm) deep minimum for wall hung water closets and 59 inches (1500 mm) deep minimum for floor mounted water closets measured perpendicular to the rear wall. Wheelchair accessible compartments for children's use shall be 60 inches (1525 mm) wide minimum measured perpendicular to the side wall, and 59 inches (1500 mm) deep minimum for wall hung and floor mounted water closets measured perpendicular to the rear wall.

Citation:

2010 ADAS Section: 604.8.1.1

As Built:

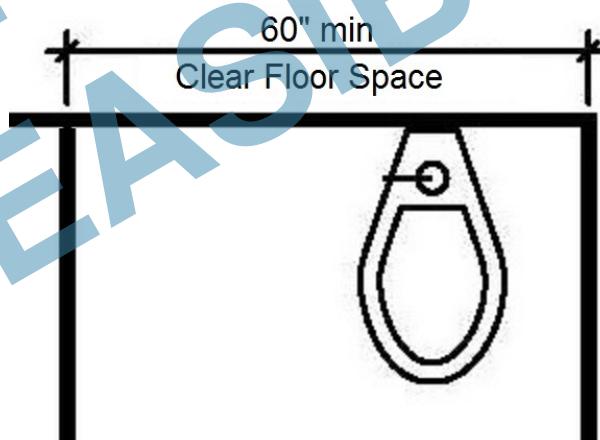
31.5 inches wide

Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

Notes:

N/A



Finding 297444 Main Photo

## Men's Restroom S518

### Finding: 299

The rear grab bar is missing.

Grab bars shall be installed in a horizontal position, 33 inches minimum and 36 inches maximum above the finish floor measured to the top of the gripping surface and the space between the grab bar and the top of the tank (any obstruction) shall be 1-1/2 inches minimum.

2010 ADAS Section 609.4

Grab bars shall be installed in a horizontal position, 33 inches (840 mm) minimum and 36 inches (915 mm) maximum above the finish floor measured to the top of the gripping surface, except that at water closets for children's use complying with 604.9, grab bars shall be installed in a horizontal position 18 inches (455 mm) minimum and 27 inches (685 mm) maximum above the finish floor measured to the top of the gripping surface. The height of the lower grab bar on the back wall of a bathtub shall comply with 607.4.1.1 or 607.4.2.1.

#### Citation:

2010 ADAS Section: 609.4

#### As Built:

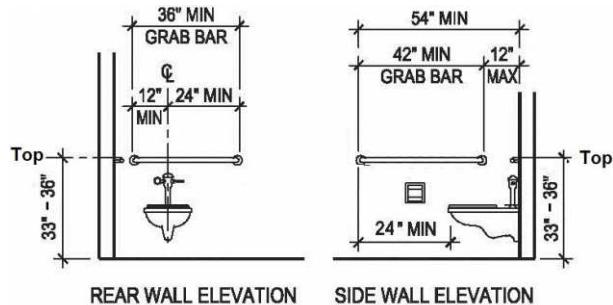
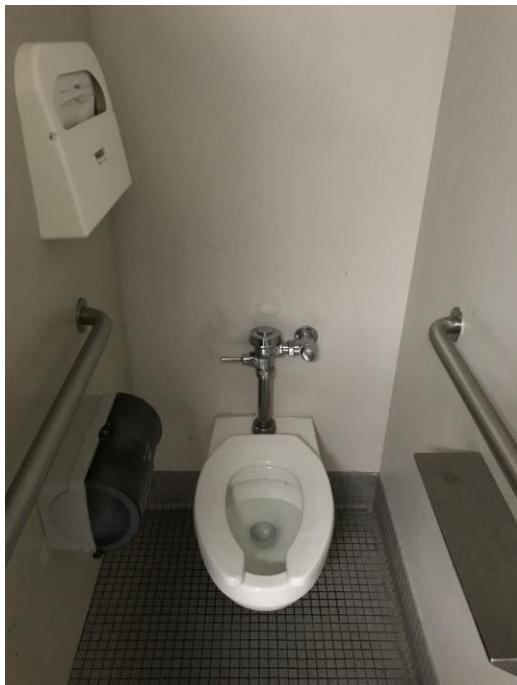
Missing grab bars

#### Recommendation:

Install rear grab bar at 36 inches maximum above finished floor measured to the top of the gripping surface. Please see finding details for compliant measurements. Rear grab bar may not meet compliance clearances or length due to structural limitations.

#### Notes:

N/A



Finding 297445 Main Photo

## Men's Restroom S518

### Finding: 300

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

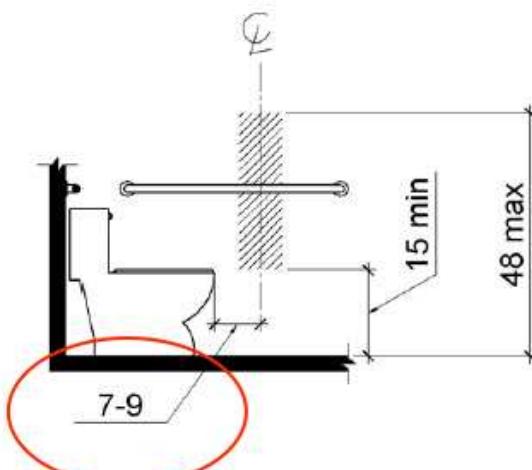
0 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297446 Main Photo

## Men's Restroom S518

### Finding: 301

The toilet seat cover dispenser is mounted too close to the top of the grab bar, minimizing the gripping surface.

Adjacent elements shall be positioned to provide unobstructed use of grab bars. The space between the grab bar and projecting objects below and at the ends shall be 1-1/2 inches minimum. The space between the grab bar and projecting objects above shall be 12 inches minimum.

2010 ADAS Section 609.3

*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.*

#### Citation:

2010 ADAS Section: 609.3

#### As Built:

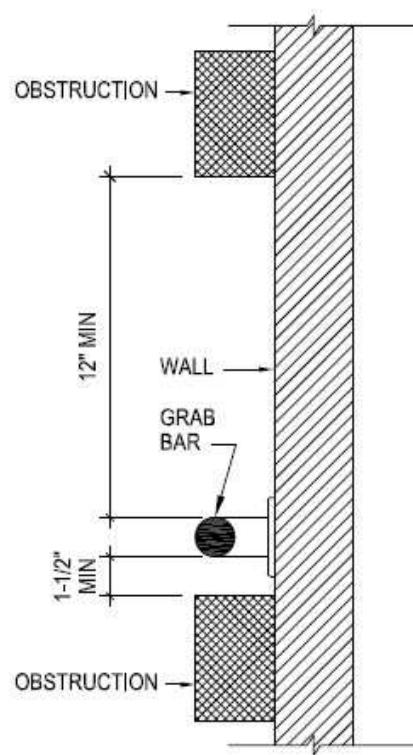
8 inches above side  
grab bar

#### Recommendation:

Re-locate toilet seat cover dispenser below either grab bar at least 1.5 inches minimum below grab bars but no less than 15 inches above finished floor to meet compliance.

#### Notes:

N/A



Finding 297447 Main Photo

## Men's Restroom S518

### Finding: 302

The toilet seat is not located within the range allowed off the floor.

The height of accessible water closets shall be a minimum of 17 inches and a maximum of 19 inches measured to the top of a maximum 2-inch high toilet seat.

2010 ADAS Section 604.4

*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.*

#### Citation:

2010 ADAS Section: 604.4

#### As Built:

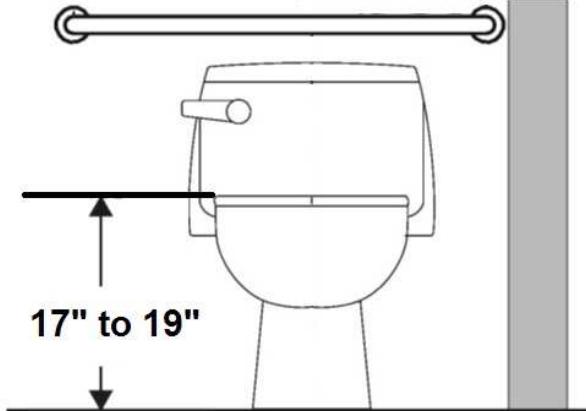
16.5 inches above  
finished floor

#### Recommendation:

Adjust toilet height, replace toilet or replace toilet seat with one that will meet the minimum height requirement of 17 inches.

#### Notes:

N/A



Finding 297448 Main Photo

**Men's Restroom S518**

**Finding: 303**

The water closet compartment door is missing a loop handle.

Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

2010 ADAS Section: 604.8.1.2

**As Built:**

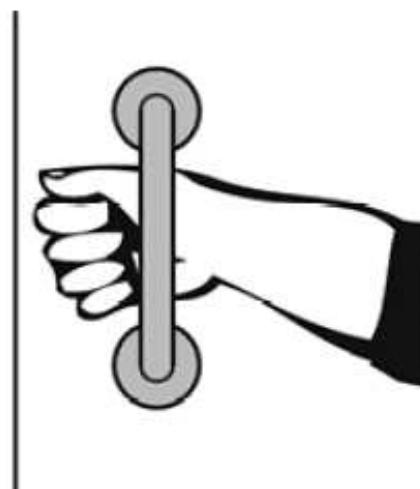
Compartment door  
missing loop handles

**Recommendation:**

Install loop or U-shaped handle. Install loop or U-shape handles on the inside and outside of the compartment door.

**Notes:**

N/A



Finding 297449 Main Photo

Men's Restroom S518

Finding: 304

The compartment door does not have an unobstructed clear opening width of 32 inches.

The water closet compartment shall be equipped with a door that has an automatic-closing device, and must have a clear, unobstructed opening width 32 inches.

2010 ADAS Section 404.2.3

Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).

Citation:

2010 ADAS Section: 404.2.3

As Built:

22 inches wide

Recommendation:

Providing the minimum required width clearance to the compartment stall is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

Notes:

N/A



Finding 297450 Main Photo

## Men's Restroom S518

### Finding: 305

The pictogram field contains characters and/or Braille.

Pictograms shall have a field height of 6 inches minimum. Characters and braille shall not be located in the pictogram field.

2010 ADAS Section 703.6.1

Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

#### Citation:

2010 ADAS Section: 703.6.1

#### As Built:

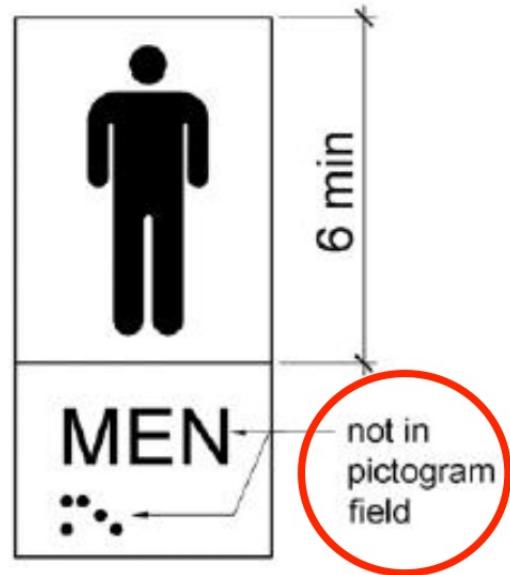
Pictogram 4 inches in height

#### Recommendation:

Replace sign with compliant pictogram field of no less than 6 inches in height.

#### Notes:

N/A



Finding 297497 Main Photo

Men's Restroom S518

Finding: 306

The urinal is confined on three sides (alcove).

Urinals installed in alcoves or with wing walls or partitions that extend greater than 24 inches must provide a clear space in front of the urinal that is a minimum of 36 inches wide.

2010 ADAS Section 305.7.1

Alcoves shall be 36 inches (915 mm) wide minimum where the depth exceeds 24 inches (610 mm).

Citation:

2010 ADAS Section: 305.7.1

As Built:

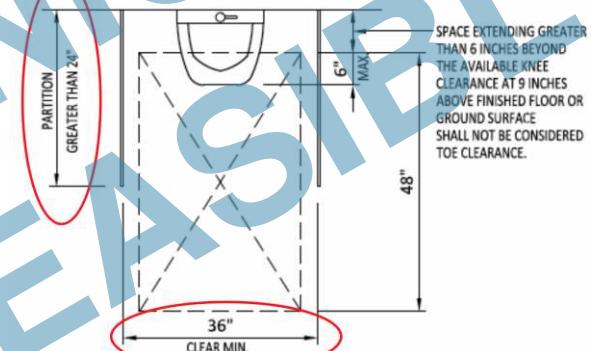
29.25 inches wide

Recommendation:

Providing the minimum required width clearance to the urinal is technically infeasible at this time because existing structural conditions would require removing or altering a load-bearing member that is an essential part of the structural frame; or because other existing physical or site constraints prohibit modification or addition of elements, spaces, or features that are in full and strict compliance with the minimum requirements. Best practice measures are recommended to ensure restroom is accessible to the maximum extent possible. Signage provided at restroom door entrance directing the public to accessible restrooms located on the West Tower.

Notes:

N/A



Finding 297506 Main Photo

## Men's Restroom S518

### Finding: 307

The rim of the urinal is too high.

Wall-hung urinals must be provided with an elongated rim projecting a minimum of 13 1/2 inches from the wall and a maximum of 17 inches above the floor.

2010 ADAS Section 605.2

Urinals shall be the stall-type or the wall-hung type with the rim 17 inches (430 mm) maximum above the finish floor or ground. Urinals shall be 13 1/2 inches (345 mm) deep minimum measured from the outer face of the urinal rim to the back of the fixture.

#### Citation:

2010 ADAS Section: 605.2

#### As Built:

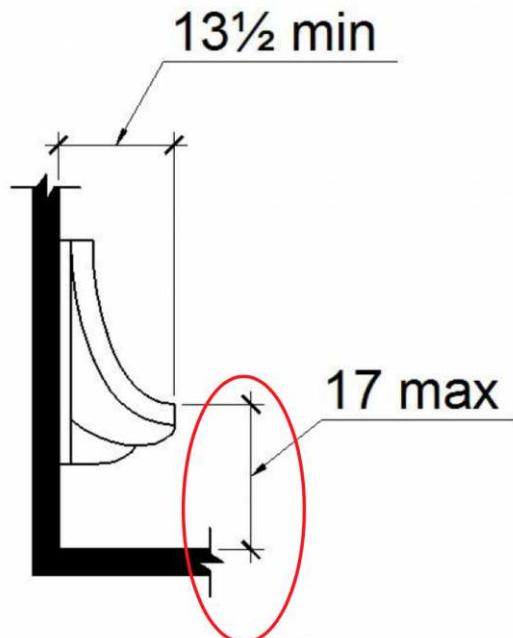
23.5 inches wide

#### Recommendation:

Lower urinal to ensure a maximum height of 17 inches above finished floor.

#### Notes:

N/A



Finding 297507 Main Photo

## Men's Restroom S518

### Finding: 308

The locking/latching hardware is not accessible.

Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

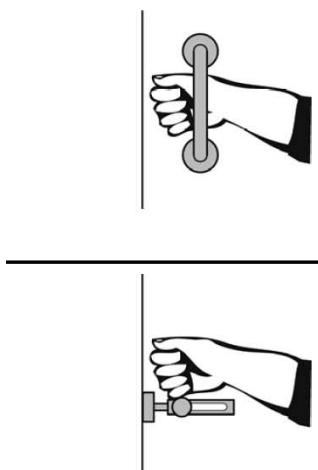
Toilet compartment  
(Stall) door lock was  
not operable with one  
hand without tight  
grasping, pinching or  
twisting of the wrist.

#### Recommendation:

Replace locking hardware with locking lever that does not require tight grasping, tight pinching or twisting of the wrist to operate.

#### Notes:

N/A



Finding 297521 Main Photo

## Basement Elevator Hallway

### Finding: 309

The fire alarm housing projects more than 4 inches into the circulation path.

Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided.

2010 ADAS Section 307.2

Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.

#### Citation:

2010 ADAS Section: 307.2

#### As Built:

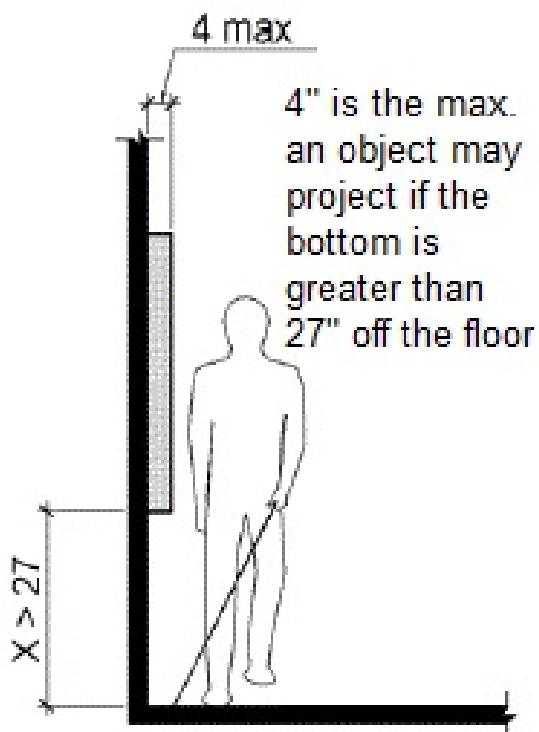
Fire alarm housing  
protrudes 5.5 inches

#### Recommendation:

If possible, replace fire alarm housing with low profile housing or recess housing into wall to meet the 4 inch maximum protrusion.

#### Notes:

N/A



Finding 297637 Main Photo

## 2nd Floor Elevator Hallway

### Finding: 310

The AED housing projects more than 4 inches into the circulation path.

Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided.

2010 ADAS Section 307.2

*Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.*

#### Citation:

2010 ADAS Section: 307.2

#### As Built:

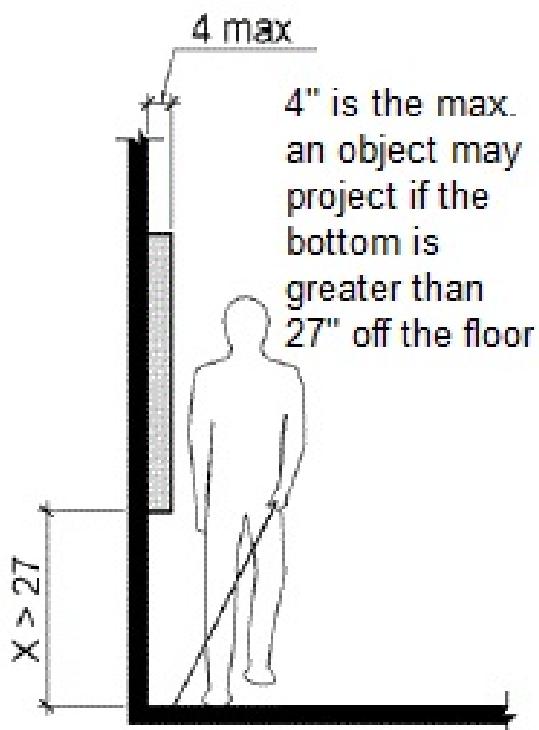
AED housing  
protrudes 7.25 inches

#### Recommendation:

If possible, replace AED housing with low profile housing or recess housing into wall to meet the 4 inch maximum protrusion.

#### Notes:

N/A



Finding 297643 Main Photo

## 3rd Floor Elevator Hallway

### Finding: 311

The AED housing projects more than 4 inches into the circulation path.

Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided.

2010 ADAS Section 307.2

*Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.*

#### Citation:

2010 ADAS Section: 307.2

#### As Built:

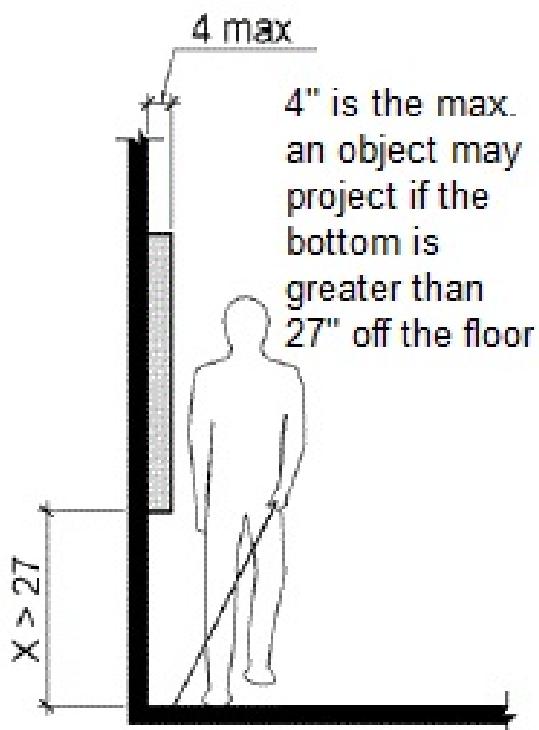
AED housing  
protrudes 7.25 inches

#### Recommendation:

If possible, replace AED housing with low profile housing or recess housing into wall to meet the 4 inch maximum protrusion.

#### Notes:

N/A



Finding 297644 Main Photo

## 4th Floor Elevator Hallway

### Finding: 312

The AED housing projects more than 4 inches into the circulation path.

Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided.

2010 ADAS Section 307.2

*Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.*

#### Citation:

2010 ADAS Section: 307.2

#### As Built:

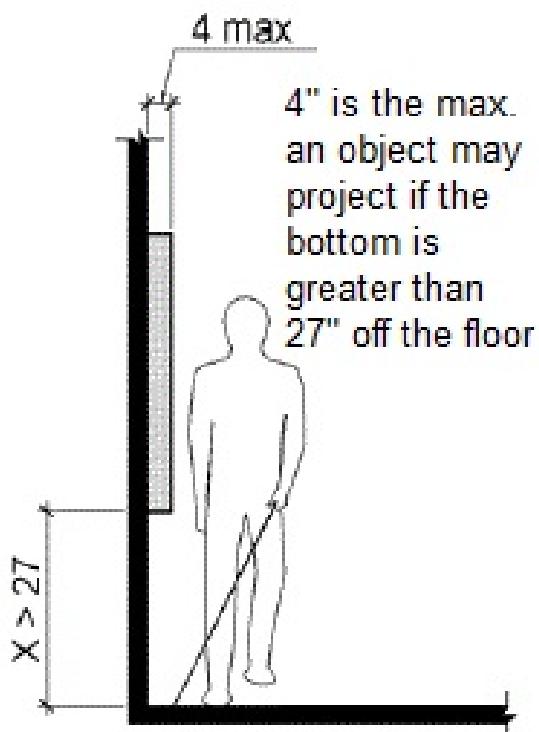
AED housing  
protrudes 7 inches

#### Recommendation:

If possible, replace AED housing with low profile housing or recess housing into wall to meet the 4 inch maximum protrusion.

#### Notes:

N/A



Finding 297645 Main Photo

## 5th Floor Elevator Hallway

### Finding: 313

The AED housing projects more than 4 inches into the circulation path.

Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided.

2010 ADAS Section 307.2

*Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.*

#### Citation:

2010 ADAS Section: 307.2

#### As Built:

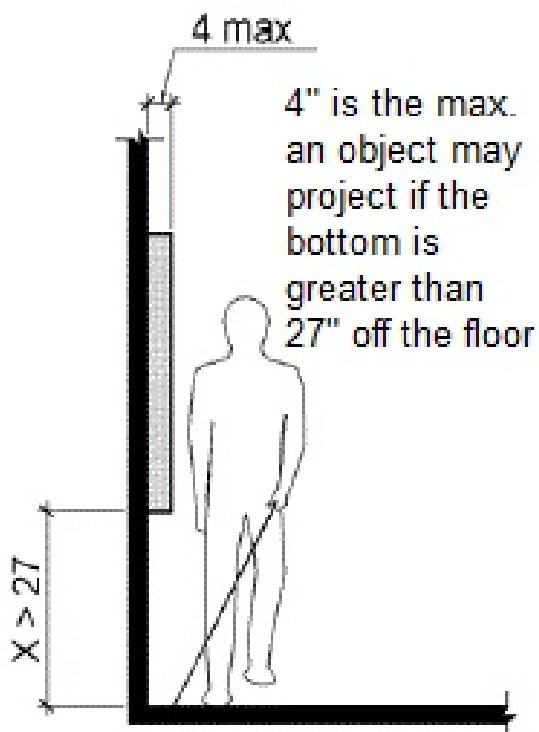
AED housing  
protrudes 7.25 inches

#### Recommendation:

If possible, replace AED housing with low profile housing or recess housing into wall to meet the 4 inch maximum protrusion.

#### Notes:

N/A



Finding 297646 Main Photo

## 5th Floor Stairway Exits

### Finding: 314

The fire alarm housing projects more than 4 inches into the circulation path.

Wall-mounted objects that have leading edges between 27 inches and 80 inches from the floor must not project more than 4 inches into the circulation path. Protruding objects that extend to the floor or within 27 inches of the floor are cane detectable and are therefore not hazardous. Where it is necessary or desirable to have objects protrude from the wall, a manner of cane detection must be provided.

2010 ADAS Section 307.2

*Objects with leading edges more than 27 inches (685 mm) and not more than 80 inches (2030 mm) above the finish floor or ground shall protrude 4 inches (100 mm) maximum horizontally into the circulation path.*

#### Citation:

2010 ADAS Section: 307.2

#### As Built:

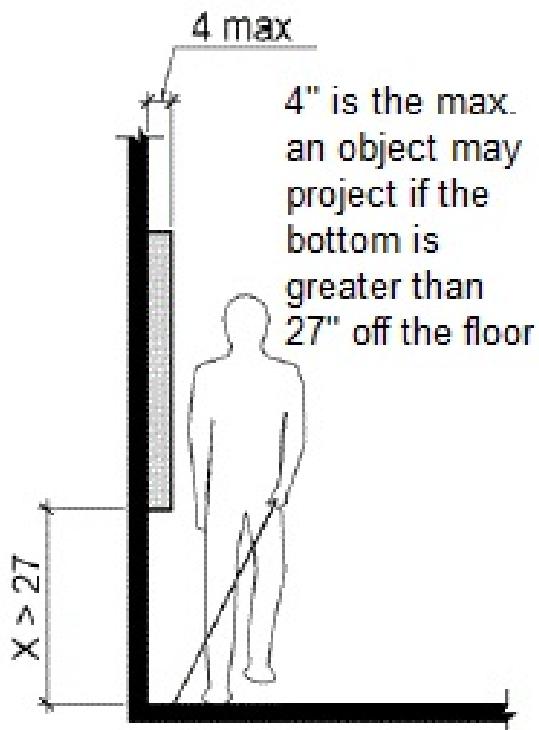
Fire alarm housing  
protrudes 5.5 inches

#### Recommendation:

Replace both fire alarm housings on the 5th floor by the exit stairways with low profile housing or recess housing into wall to meet the 4 inch maximum potrusion.

#### Notes:

N/A



Finding 297647 Main Photo

## Finding #314 Additional Finding Photos



Finding 297647 Additional Photo

## **2nd Floor East & West Hallway Entry Doors**

### **Finding: 315**

**Neither leaves of the doorways provide at least 32 inches between the face of the door and the opposite stop.**

**At least one of the active leaves of doorways with two leaves shall comply with clear width and maneuvering clearance.**

**Door openings shall provide a clear width of 32 inches minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. There shall be no projections into the required clear opening width lower than 34 inches above the finish floor or ground. Projections into the clear opening width between 34 inches and 80 inches above the finish floor or ground shall not exceed 4 inches.**

#### *2010 ADAS Section 404.2.3*

*Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).*

#### *2010 ADAS Section 404.2.2*

*At least one of the active leaves of doorways with two leaves shall comply with 404.2.3 and 404.2.4.*

#### **Citation:**

**2010 ADAS Section: 404.2.3, 404.2.2**

#### **As Built:**

**Neither hallway entry doors provide the required 32 inches in width**

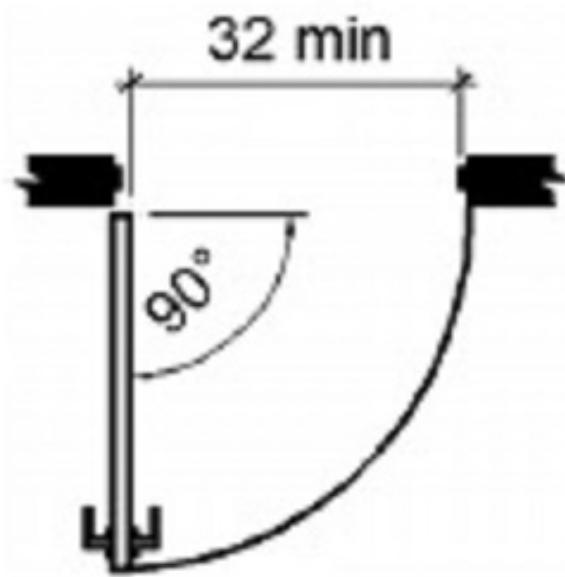
#### **Recommendation:**

**Recommend propping both doors open during business hours unless not permitted per fire safety codes, otherwise install or reconstruct hallway entry doors to meet the minimum 32 inches in width requirement.**

#### **Notes:**

**N/A**

**Finding #315 Continued**



**Hinged Door or Gate**

**Finding 297745 Main Photo**

## Finding #315 Additional Finding Photos



Finding 297745 Additional Photo



Finding 297745 Additional Photo

## **3rd Floor East & West Hallway Entry Doors**

### **Finding: 316**

**Neither leaves of the doorways provide at least 32 inches between the face of the door and the opposite stop.**

**At least one of the active leaves of doorways with two leaves shall comply with clear width and maneuvering clearance.**

**Door openings shall provide a clear width of 32 inches minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. There shall be no projections into the required clear opening width lower than 34 inches above the finish floor or ground. Projections into the clear opening width between 34 inches and 80 inches above the finish floor or ground shall not exceed 4 inches.**

*2010 ADAS Section 404.2.3*

*Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).*

*2010 ADAS Section 404.2.2*

*At least one of the active leaves of doorways with two leaves shall comply with 404.2.3 and 404.2.4.*

#### **Citation:**

**2010 ADAS Section: 404.2.3, 404.2.2**

#### **As Built:**

**Neither hallway entry doors provide the required 32 inches in width**

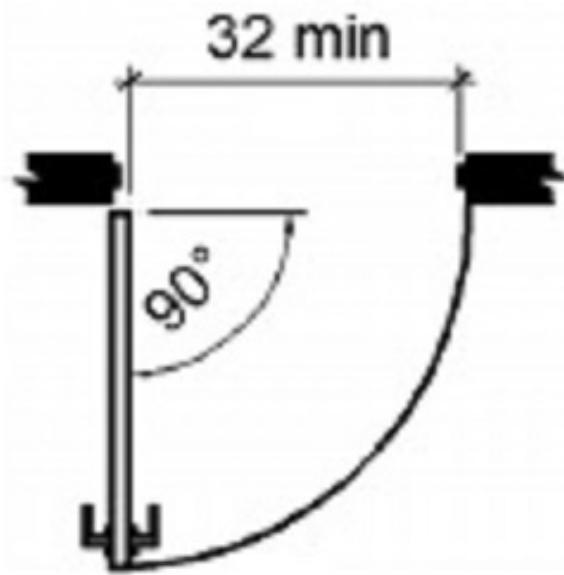
#### **Recommendation:**

**Recommend propping both doors open during business hours unless not permitted per fire safety codes, otherwise install or reconstruct hallway entry doors to meet the minimum 32 inches in width requirement.**

#### **Notes:**

**N/A**

**Finding #316 Continued**



**Hinged Door or Gate**

**Finding 297744 Main Photo**

## Finding #316 Additional Finding Photos



Finding 297744 Additional Photo



Finding 297744 Additional Photo

## Hallway Entry Doors

### Finding: 317

**Neither leaves of the doorways provide at least 32 inches between the face of the door and the opposite stop.**

**At least one of the active leaves of doorways with two leaves shall comply with clear width and maneuvering clearance.**

**Door openings shall provide a clear width of 32 inches minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. There shall be no projections into the required clear opening width lower than 34 inches above the finish floor or ground. Projections into the clear opening width between 34 inches and 80 inches above the finish floor or ground shall not exceed 4 inches.**

#### *2010 ADAS Section 404.2.3*

*Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).*

#### *2010 ADAS Section 404.2.2*

*At least one of the active leaves of doorways with two leaves shall comply with 404.2.3 and 404.2.4.*

#### Citation:

**2010 ADAS Section: 404.2.3, 404.2.2**

#### As Built:

**Neither hallway entry doors provide the required 32 inches in width**

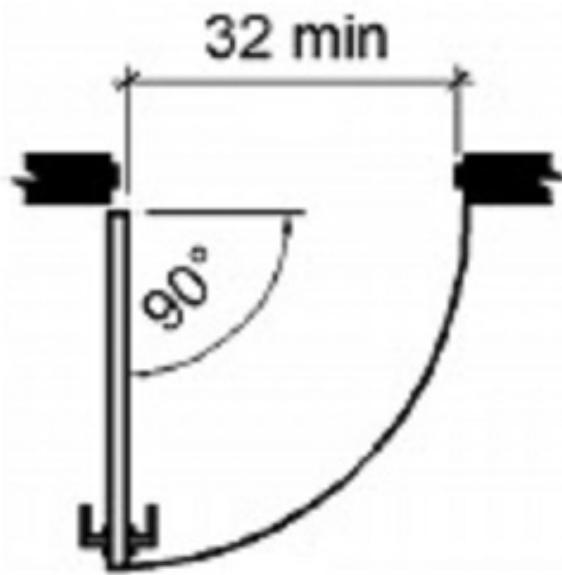
#### Recommendation:

**Recommend propping both doors open during business hours unless not permitted per fire safety codes, otherwise install or reconstruct hallway entry doors to meet the minimum 32 inches in width requirement.**

#### Notes:

N/A

**Finding #317 Continued**



**Hinged Door or Gate**

**Finding 297743 Main Photo**

**Finding #317 Additional Finding Photos**



Finding 297743 Additional Photo



Finding 297743 Additional Photo

## S250 Work Release Counter

### Finding: 318

The transaction counter is too high.

A portion of the counter surface that is 36 inches long minimum and 36 inches high maximum above the finish floor shall be provided. Knee and toe space must be provided for a forward approach. A 30 inch by 48 inch clear floor space on an accessible route must be provided for either a forward or parallel approach.

2010 ADAS Section 904.4.2

*A portion of the counter surface that is 30 inches (760 mm) long minimum and 36 inches (915 mm) high maximum shall be provided. Knee and toe space complying with 306 shall be provided under the counter. A clear floor or ground space complying with 305 shall be positioned for a forward approach to the counter.*

2010 ADAS Section 904.4.1

*A portion of the counter surface that is 36 inches (915 mm) long minimum and 36 inches (915 mm) high maximum above the finish floor shall be provided. A clear floor or ground space complying with 305 shall be positioned for a parallel approach adjacent to the 36 inch (915 mm) minimum length of counter.*

#### Citation:

2010 ADAS Section: 904.4.2, 904.4.1

#### As Built:

46 inches above  
finished floor

#### Recommendation:

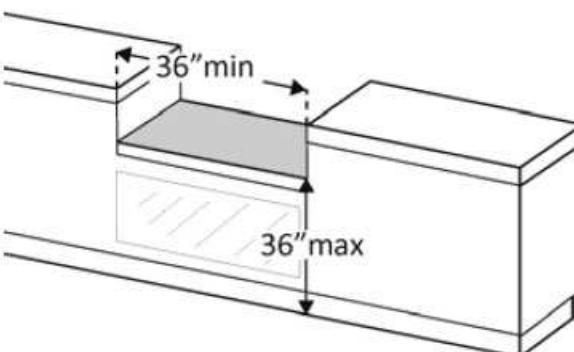
Install compliant check in/service counter that includes a section of counter surface that is 36 inches long minimum and 36 inches high maximum. Also, transaction window would have to be lowered. If existing counter is not 36 inches in length, it does not have to be lengthen to 36 inches. Option is to lower existing counters to ensure a maximum height of 36 inches above the finished floor if a 36 inch counter in length cannot be provided.

#### Notes:

N/A



Finding 297642 Main Photo



**Room S140**

**Finding: 319**

**Neither leaves of the doorways provide at least 32 inches between the face of the door and the opposite stop.**

**At least one of the active leaves of doorways with two leaves shall comply with clear width and maneuvering clearance.**

**Door openings shall provide a clear width of 32 inches minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. There shall be no projections into the required clear opening width lower than 34 inches above the finish floor or ground. Projections into the clear opening width between 34 inches and 80 inches above the finish floor or ground shall not exceed 4 inches.**

*2010 ADAS Section 404.2.3*

*Door openings shall provide a clear width of 32 inches (815 mm) minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. Openings more than 24 inches (610 mm) deep shall provide a clear opening of 36 inches (915 mm) minimum. There shall be no projections into the required clear opening width lower than 34 inches (865 mm) above the finish floor or ground. Projections into the clear opening width between 34 inches (865 mm) and 80 inches (2030 mm) above the finish floor or ground shall not exceed 4 inches (100 mm).*

*2010 ADAS Section 404.2.2*

*At least one of the active leaves of doorways with two leaves shall comply with 404.2.3 and 404.2.4.*

**Citation:**

**2010 ADAS Section: 404.2.3, 404.2.2**

**As Built:**

**28.75 inches in width**

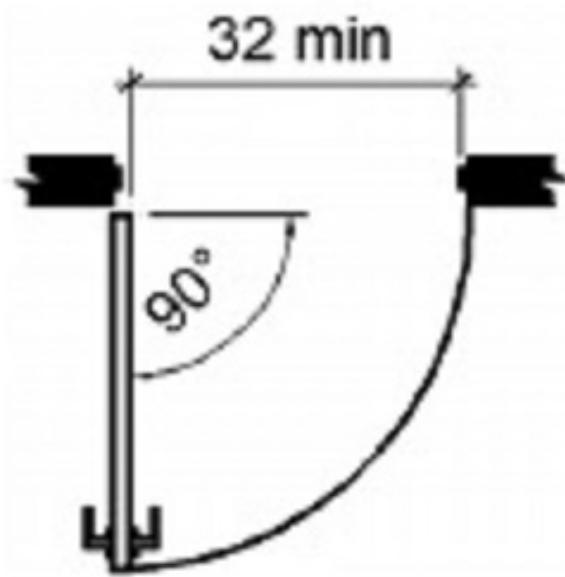
**Recommendation:**

**Install/widen door frames to meet compliance of 32 inches minimum or keep both doors open to provide minimum required clearance.**

**Notes:**

**N/A**

Finding #319 Continued



Hinged Door or Gate

Finding 297641 Main Photo

## Mediation Room S0023

### Finding: 320

The transaction counter is too high.

A portion of the counter surface that is 36 inches long minimum and 36 inches high maximum above the finish floor shall be provided. Knee and toe space must be provided for a forward approach. A 30 inch by 48 inch clear floor space on an accessible route must be provided for either a forward or parallel approach.

2010 ADAS Section 904.4.2

*A portion of the counter surface that is 30 inches (760 mm) long minimum and 36 inches (915 mm) high maximum shall be provided. Knee and toe space complying with 306 shall be provided under the counter. A clear floor or ground space complying with 305 shall be positioned for a forward approach to the counter.*

2010 ADAS Section 904.4.1

*A portion of the counter surface that is 36 inches (915 mm) long minimum and 36 inches (915 mm) high maximum above the finish floor shall be provided. A clear floor or ground space complying with 305 shall be positioned for a parallel approach adjacent to the 36 inch (915 mm) minimum length of counter.*

#### Citation:

2010 ADAS Section: 904.4.2, 904.4.1

#### As Built:

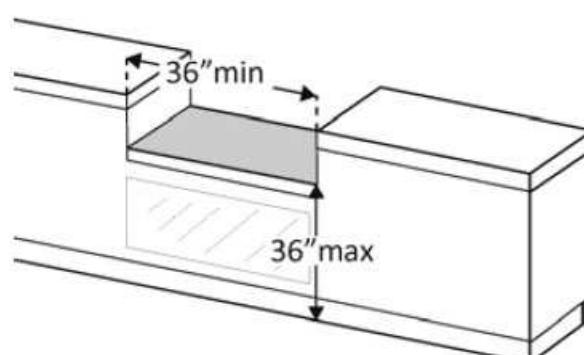
42.75 inches above  
finished floor

#### Recommendation:

Install new counter section that measures 36 inches maximum in height from the finish floor and lengthen that section of the counter to 36 inches minimum.

#### Notes:

N/A



Finding 297638 Main Photo

## Finding #320 Additional Finding Photos



Finding 297638 Additional Photo

## Mediation Room S0023

### Finding: 321

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

10 pounds of force  
required

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297639 Main Photo

## Mediation Room S0023

### Finding: 322

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

#### Citation:

2010 ADAS Section: 404.2.8.1

#### As Built:

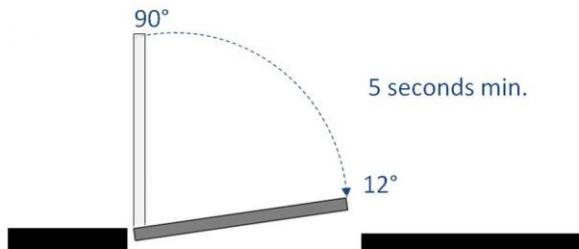
Room S022 2 seconds  
to closed position

#### Recommendation:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

#### Notes:

N/A



Finding 297640 Main Photo

## West Tower Men's Restroom 1st Floor

### Finding: 323

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self closing

#### Recommendation:

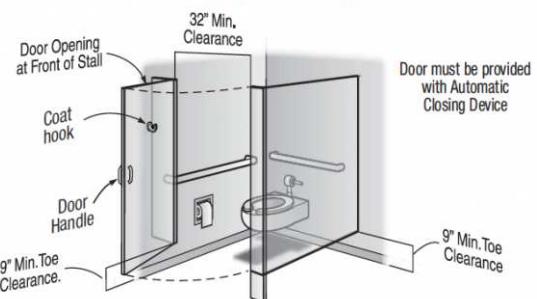
Adjust or install automatic closing hinges.

#### Notes:

N/A



#### COMPARTMENT DOORS



Finding 297658 Main Photo

West Tower Men's Restroom 1st Floor

Finding: 324

The baby changing table operating mechanism is outside reach range.

The maximum high reach allowed is 48 inches

2010 ADAS Section 308.3.1

Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

Citation:

2010 ADAS Section: 308.3.1

As Built:

54 inches above  
finished floor

Recommendation:

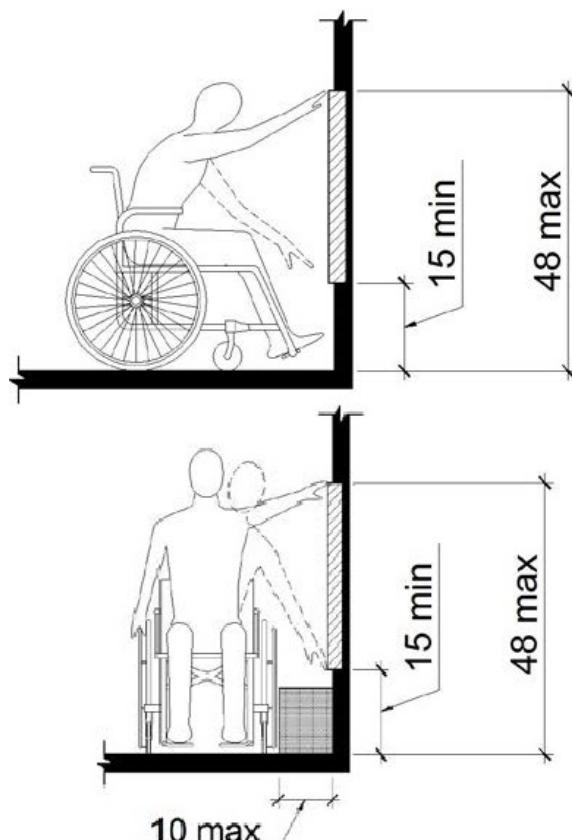
Lower baby changing station to meet the 27 inches minimum required under an element for knee clearance.

Notes:

N/A



Finding 297659 Main Photo



## West Tower Men's Restroom 1st Floor

### Finding: 325

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

8 pounds of pressure  
required

#### Recommendation:

Adjust interior's entrance door pressure to 5 lbs of pressure maximum.

#### Notes:

N/A



Finding 297660 Main Photo

## West Tower Men's Restroom 1st Floor

### Finding: 326

The locking/latching hardware is not accessible.

Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

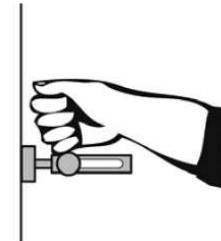
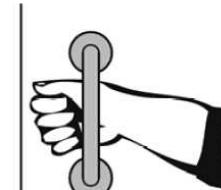
Locking hardware  
requires tight  
grasping

#### Recommendation:

Replace locking hardware with locking lever that does not require tight grasping, tight pinching or twisting of the wrist to operate.

#### Notes:

N/A



Finding 297683 Main Photo

## West Tower Men's Restroom 1st Floor

### Finding: 327

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

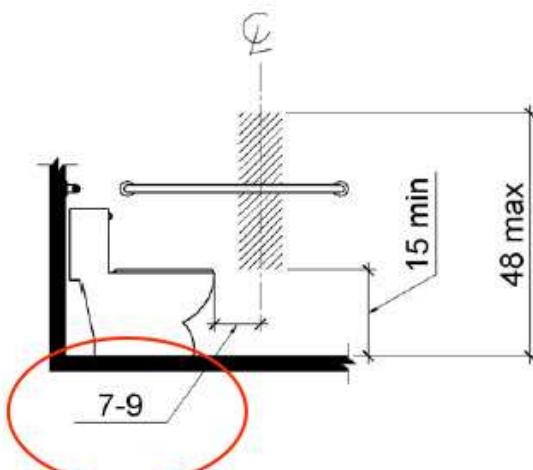
6 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297684 Main Photo

**West Tower Men's Restroom 1st Floor**

**Finding: 328**

The water closet compartment door is missing a loop handle.

**Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

2010 ADAS Section: 604.8.1.2

**As Built:**

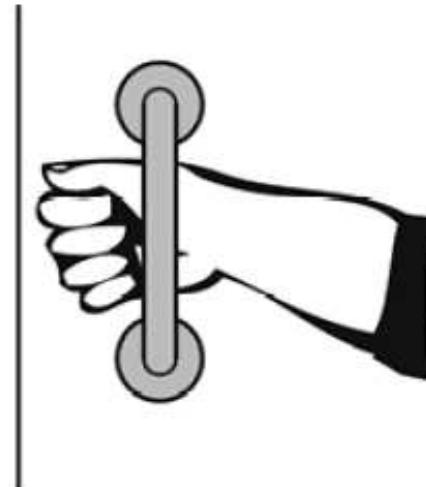
Compartment door  
missing loop handles

**Recommendation:**

Install loop or U-shape handles on the inside and outside of the compartment door.

**Notes:**

N/A



Finding 297657 Main Photo

**West Tower Men's Restroom 2nd Floor**

**Finding: 329**

The water closet compartment door is missing a loop handle.

**Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

**2010 ADAS Section: 604.8.1.2**

**As Built:**

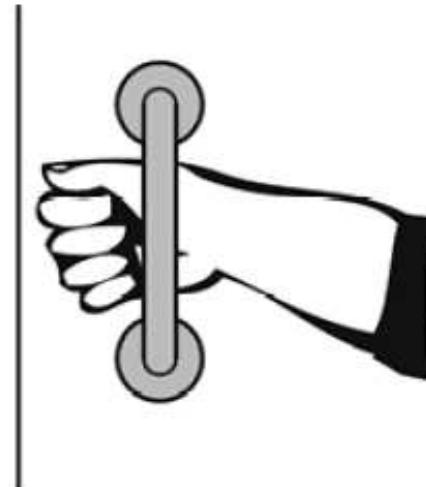
**Compartment door  
missing loop handles**

**Recommendation:**

**Install loop or U-shape handles on the inside and outside of the compartment door.**

**Notes:**

N/A



**Finding 297661 Main Photo**

**West Tower Men's Restroom 2nd Floor**

**Finding:** 330

**The compartment door is not self closing.**

**The water closet compartment shall be equipped with a door that has an automatic-closing device.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

**2010 ADAS Section: 604.8.1.2**

**As Built:**

**Compartment door  
not self-closing**

**Recommendation:**

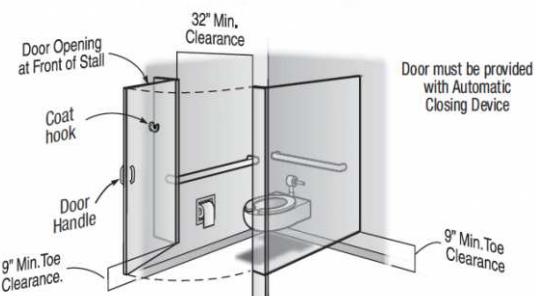
**Adjust or install automatic closing hinges.**

**Notes:**

N/A



**COMPARTMENT DOORS**



**Finding 297662 Main Photo**

## West Tower Men's Restroom 2nd Floor

### Finding: 331

The baby changing table, in the down position, obstructs the landing at the door.

Landings for interior doors on the pull side with a forward approach must be a minimum distance of 60 inches in the direction of travel. The width of the landing must be as wide as the door plus an additional 18 inches on the strike side. The landing including strike side clearance must be clear of obstructions. Landings for interior doors on the push side with a forward approach must be a minimum distance of 48 inches in the direction of travel.

2010 ADAS Section 404.1

Doors, doorways, and gates that are part of an accessible route shall comply with 404.

#### Citation:

2010 ADAS Section: 404.1

#### As Built:

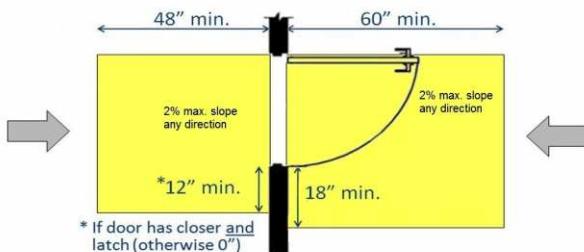
Baby changing  
station obstructs  
entrance into  
compartment stall

#### Recommendation:

Remove and replace baby changing station to adjacent wall. Ensure there is a 27 inch knee clearance measured from the finished floor to the bottom edge of the baby changing station and the operable part at a maximum of 48 inches measured from the finished floor.

#### Notes:

N/A



Finding 297663 Main Photo

## Finding #331 Additional Finding Photos



Finding 297663 Additional Photo

## West Tower Men's Restroom 2nd Floor

### Finding: 332

The baby changing table operating mechanism is outside reach range.

The maximum high reach allowed is 48 inches

2010 ADAS Section 308.3.1

Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.3.1

#### As Built:

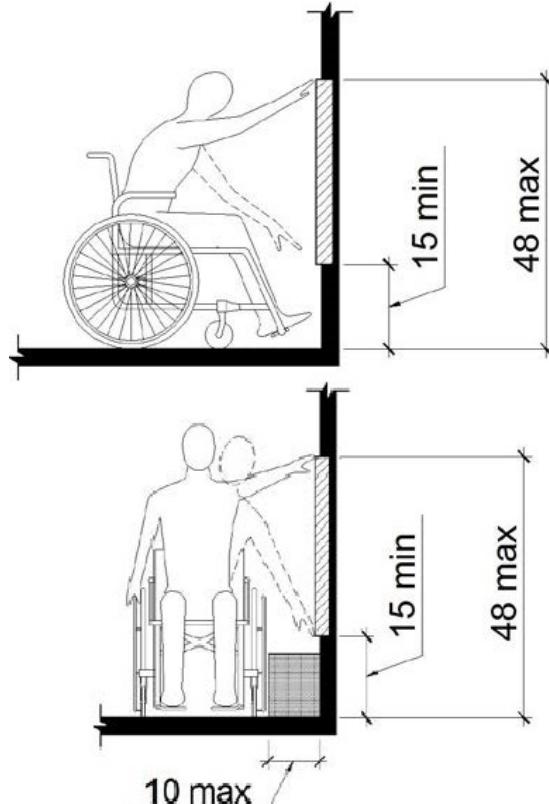
54 inches above  
finished floor

#### Recommendation:

Once baby station is placed on adjacent wall, ensure baby changing station meets the 27 inches minimum required under an element for knee clearance and the 48 inch maximum reach height for the operable part.

#### Notes:

N/A



Finding 297664 Main Photo

## West Tower Men's Restroom 2nd Floor

### Finding: 333

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

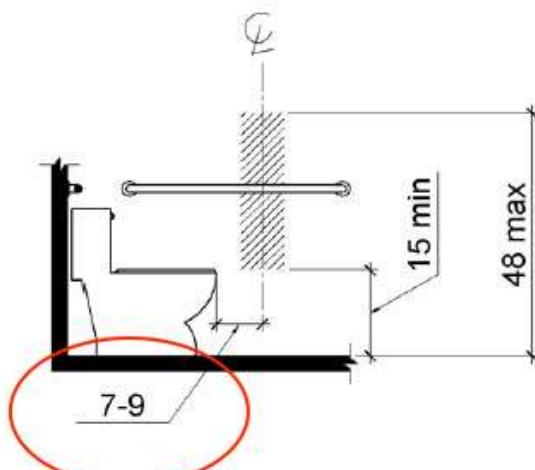
12 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297665 Main Photo

## West Tower Men's Restroom 2nd Floor

### Finding: 334

The rim of the urinal is too high.

Wall-hung urinals must be provided with an elongated rim projecting a minimum of 13 1/2 inches from the wall and a maximum of 17 inches above the floor.

2010 ADAS Section 605.2

Urinals shall be the stall-type or the wall-hung type with the rim 17 inches (430 mm) maximum above the finish floor or ground. Urinals shall be 13 1/2 inches (345 mm) deep minimum measured from the outer face of the urinal rim to the back of the fixture.

#### Citation:

2010 ADAS Section: 605.2

#### As Built:

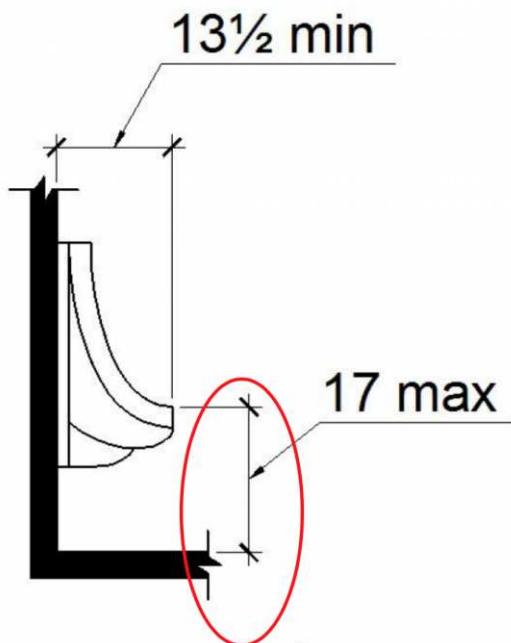
22 inches above  
finished floor

#### Recommendation:

Lower urinal to ensure a maximum height of 17 inches above finished floor.

#### Notes:

N/A



Finding 297666 Main Photo

**West Tower Men's Restroom 2nd Floor**

**Finding: 335**

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

*2010 ADAS Section 404.2.9*

*Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.*

**Citation:**

2010 ADAS Section: 404.2.9

**As Built:**

8 pounds of pressure  
required

**Recommendation:**

Adjust door closer to 5 lbs of pressure or less.

**Notes:**

N/A



Finding 297667 Main Photo

## West Tower Men's Restroom 2nd Floor

### Finding: 336

The locking/latching hardware is not accessible.

Hand-activated door opening hardware, handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

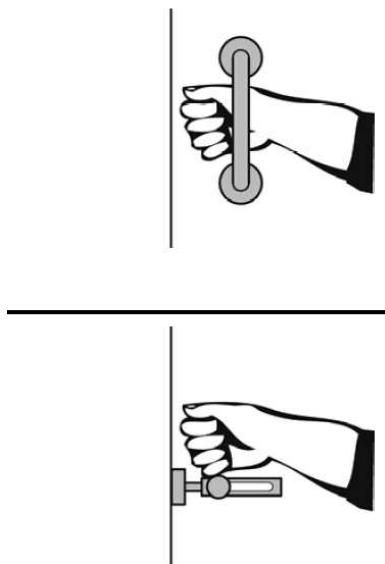
Locking hardware  
requires tight  
grasping

#### Recommendation:

Replace locking hardware with locking lever that does not require tight grasping, tight pinching or twisting of the wrist to operate.

#### Notes:

N/A



Finding 297685 Main Photo

## West Tower Men's Restroom 2nd Floor W263

### Finding: 337

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self closing

#### Recommendation:

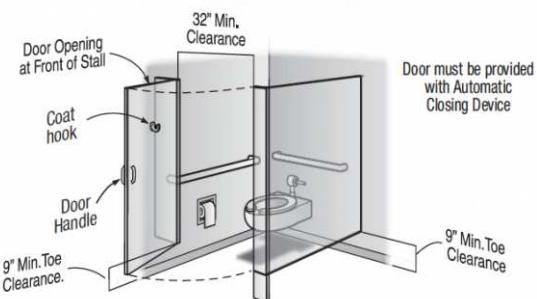
Adjust or install automatic closing hinges.

#### Notes:

N/A



COMPARTMENT DOORS



Finding 297721 Main Photo

**West Tower Men's Restroom 2nd Floor W263**

**Finding: 338**

The water closet compartment door is missing a loop handle.

**Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

**2010 ADAS Section: 604.8.1.2**

**As Built:**

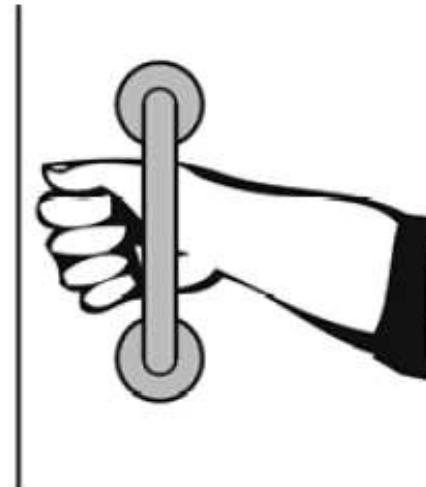
**Compartment door  
missing loop handles**

**Recommendation:**

**Install loop or U-shape handles on the inside and outside of the compartment door.**

**Notes:**

N/A



**Finding 297722 Main Photo**

## West Tower Men's Restroom 2nd Floor W263

Finding: 339

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

### Citation:

2010 ADAS Section: 604.7

### As Built:

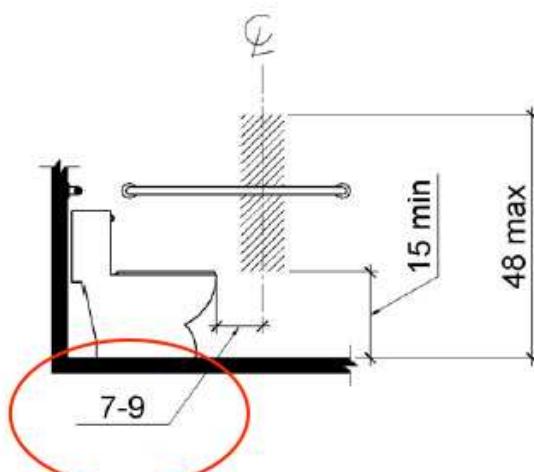
12 inches in front of  
toilet

### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

### Notes:

N/A



Finding 297723 Main Photo

## West Tower Men's Restroom 2nd Floor W263

### Finding: 340

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

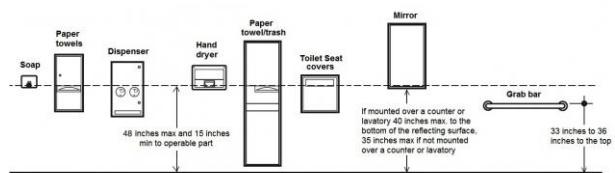
54 inches above  
finished floor

#### Recommendation:

Lower paper towel dispenser 7 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297724 Main Photo

## West Tower Men's Restroom 3rd Floor

### Finding: 341

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

9 pounds of pressure  
required

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297668 Main Photo

## West Tower Men's Restroom 3rd Floor

### Finding: 342

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self closing

#### Recommendation:

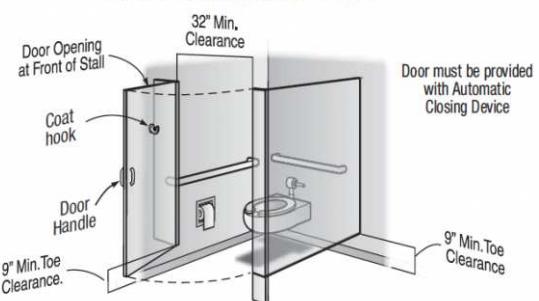
Adjust or install automatic closing hinges.

#### Notes:

N/A



COMPARTMENT DOORS



Finding 297669 Main Photo

**West Tower Men's Restroom 3rd Floor**

**Finding: 343**

The water closet compartment door is missing a loop handle on the inside.

Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

2010 ADAS Section: 604.8.1.2

**As Built:**

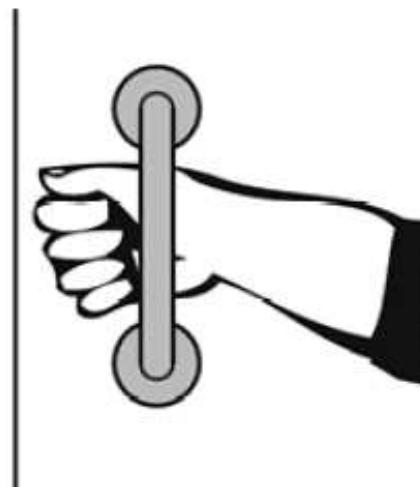
Compartment door  
missing inside loop  
handle

**Recommendation:**

Install loop or U-shaped handle on inside of compartment door.

**Notes:**

N/A



Finding 297670 Main Photo

## West Tower Men's Restroom 3rd Floor

### Finding: 344

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

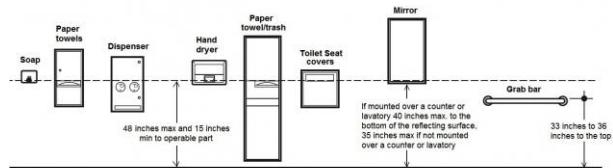
53.5 inches above  
finished floor

#### Recommendation:

Lower paper towel dispenser 6 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297671 Main Photo

## West Tower Men's Restroom 3rd Floor

### Finding: 345

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

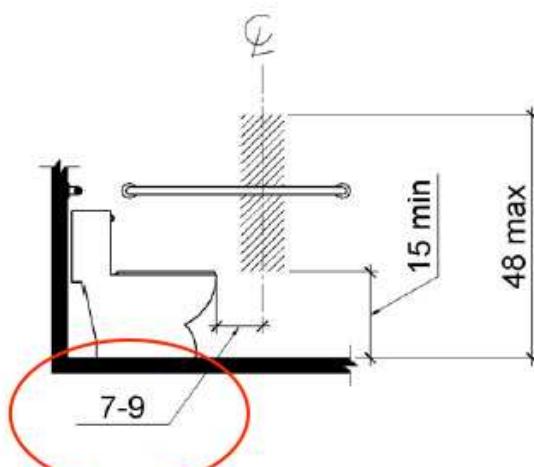
12 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297672 Main Photo

## West Tower Men's Restroom 3rd Floor

### Finding: 346

Knee clearance at 27 inches off the floor is not 8 inches minimum deep.

The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.3

Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

#### Citation:

2010 ADAS Section: 306.3.3

#### As Built:

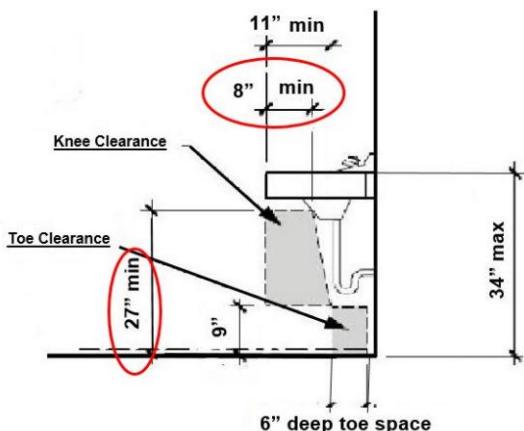
There was 21½ inches of clearance from the floor to the bottom of the lavatory sink that extended at least 8 inches under for knee clearance. (Built 2005)

#### Recommendation:

Remove panel underneath for clearance 3 feet from edge of counter.

#### Notes:

N/A



Finding 297729 Main Photo

## West Tower Men's Restroom 4th Floor

### Finding: 347

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

Requires 8 pounds of pressure

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297673 Main Photo

## West Tower Men's Restroom 4th Floor

### Finding: 348

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self closing

#### Recommendation:

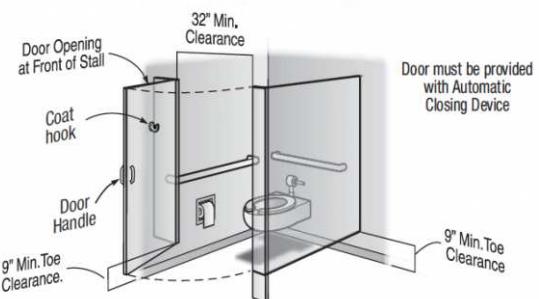
Adjust or install automatic closing hinges.

#### Notes:

N/A



COMPARTMENT DOORS



Finding 297674 Main Photo

**West Tower Men's Restroom 4th Floor**

**Finding: 349**

The water closet compartment door is missing a loop handle.

**Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

2010 ADAS Section: 604.8.1.2

**As Built:**

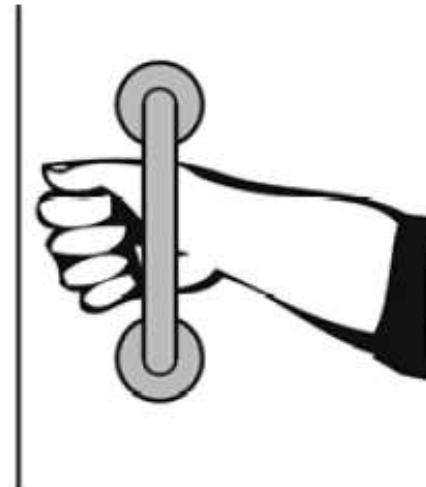
Compartment door  
missing loop handles

**Recommendation:**

Install loop or U-shape handles on the inside and outside of the compartment door.

**Notes:**

N/A



Finding 297675 Main Photo

## West Tower Men's Restroom 4th Floor

### Finding: 350

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

#### Citation:

2010 ADAS Section: 404.2.8.1

#### As Built:

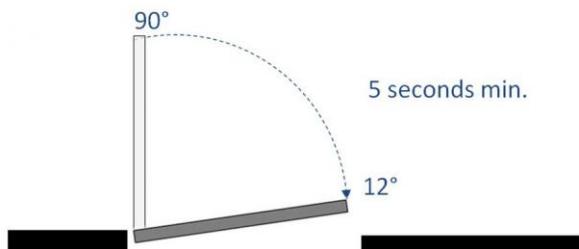
4 seconds to closed position

#### Recommendation:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

#### Notes:

N/A



Finding 297676 Main Photo

## West Tower Men's Restroom 5th Floor

### Finding: 351

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

8 pounds of pressure  
required

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297677 Main Photo

## West Tower Men's Restroom 5th Floor

### Finding: 352

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self closing

#### Recommendation:

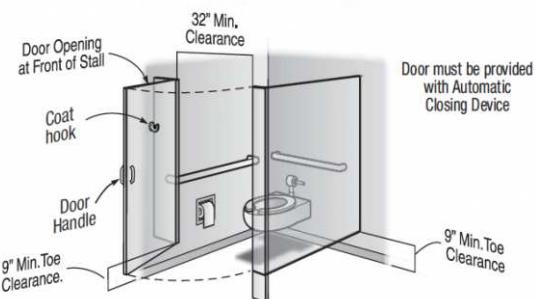
Adjust or install automatic closing hinges.

#### Notes:

N/A



COMPARTMENT DOORS



Finding 297678 Main Photo

## West Tower Men's Restroom 5th Floor

### Finding: 353

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

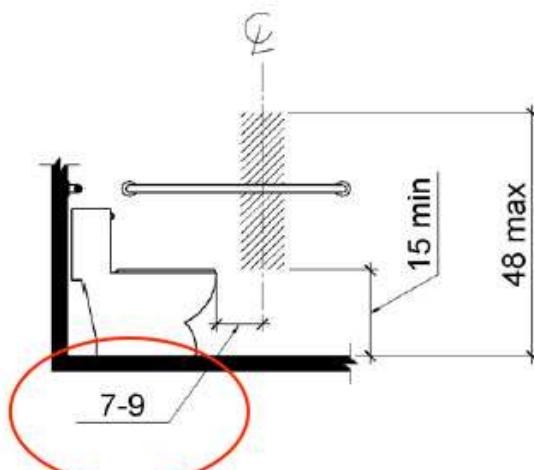
10 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297680 Main Photo

## West Tower Men's Restroom 5th Floor

### Finding: 354

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

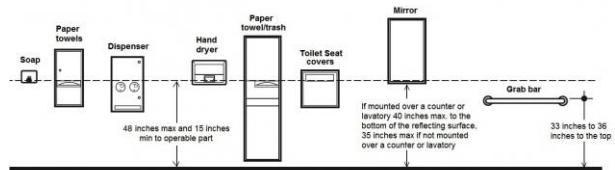
51 inches above  
finished floor

#### Recommendation:

Lower paper towel dispenser 4 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297681 Main Photo

## **West Tower Men's Restroom 5th Floor**

### **Finding: 355**

**The water closet compartment door is missing a loop handle.**

**Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### **Citation:**

**2010 ADAS Section: 604.8.1.2**

#### **As Built:**

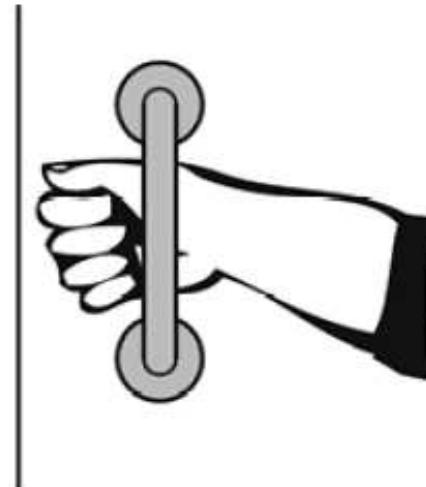
**Compartment door  
missing loop handles**

#### **Recommendation:**

**Install loop or U-shape handles on the inside and outside of the compartment door.**

#### **Notes:**

**N/A**



**Finding 297679 Main Photo**

## **West Tower Women's Restroom 1st Floor**

### **Finding: 356**

**The door exceeds the maximum pressure to open the door.**

**Interior doors shall have a maximum opening force of 5 pounds.**

**These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

**Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.**

*2010 ADAS Section 404.2.9*

*Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.*

#### **Citation:**

**2010 ADAS Section: 404.2.9**

#### **As Built:**

**8 pounds of pressure  
required**

#### **Recommendation:**

**Adjust both entrance doors.**

#### **Notes:**

**N/A**



**Finding 297702 Main Photo**

## West Tower Women's Restroom 1st Floor

### Finding: 357

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self-closing

#### Recommendation:

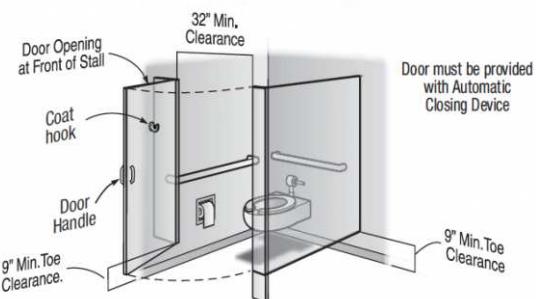
Adjust or install automatic closing hinges.

#### Notes:

N/A



COMPARTMENT DOORS



Finding 297703 Main Photo

**West Tower Women's Restroom 1st Floor**

**Finding: 358**

The water closet compartment door is missing a loop handle.

**Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

2010 ADAS Section: 604.8.1.2

**As Built:**

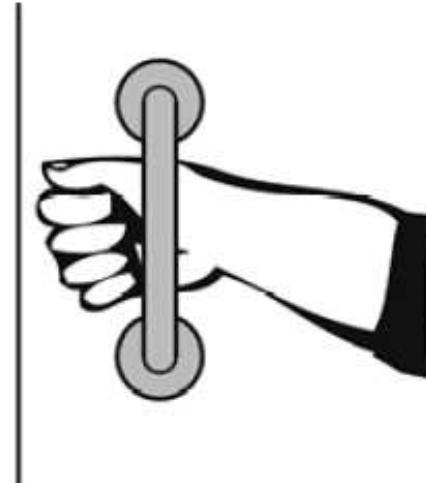
Compartment door  
missing loop handles

**Recommendation:**

Install loop or U-shape handles on the inside and outside of the compartment door.

**Notes:**

N/A



Finding 297704 Main Photo

## West Tower Women's Restroom 1st Floor

### Finding: 359

The operating hardware is not accessible because it requires tight grasping, pinching or twisting of the wrist to operate.

Hand-activated hardware, handles, pulls, latches, locks, and other operating devices on accessible elements shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching or twisting of the wrist to operate.

2010 ADAS Section 309.4

*Operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.*

#### Citation:

2010 ADAS Section: 309.4

#### As Built:

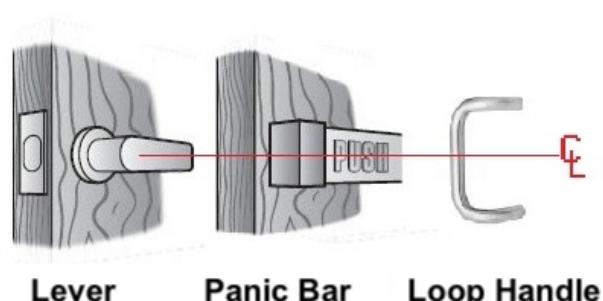
Locking hardware  
requires tight  
grasping

#### Recommendation:

Replace locking hardware with locking lever that does not require tight grasping, tight pinching or twisting of the wrist to operate.

#### Notes:

N/A



Operating hardware must be  
centered between 34" and 44"  
above the floor or ground

Finding 297705 Main Photo

West Tower Women's Restroom 1st Floor

Finding: 360

The baby changing table operating mechanism is outside reach range.

The maximum high reach allowed is 48 inches

2010 ADAS Section 308.3.1

Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

Citation:

2010 ADAS Section: 308.3.1

As Built:

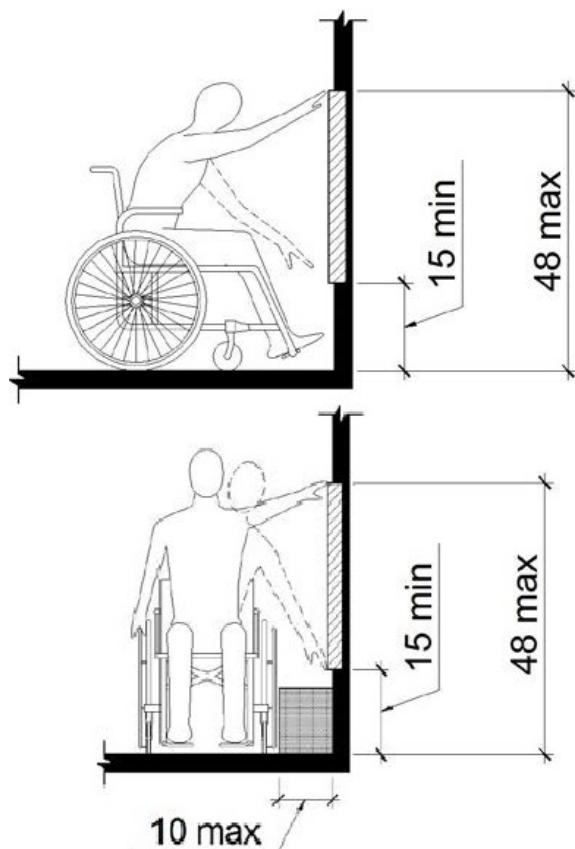
53 inches above  
finished floor

Recommendation:

Lower baby changing station to meet the 27 inches minimum required under an element for knee clearance and 48 inches maximum to operable part.

Notes:

N/A



Finding 297706 Main Photo

## West Tower Women's Restroom 1st Floor

### Finding: 361

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

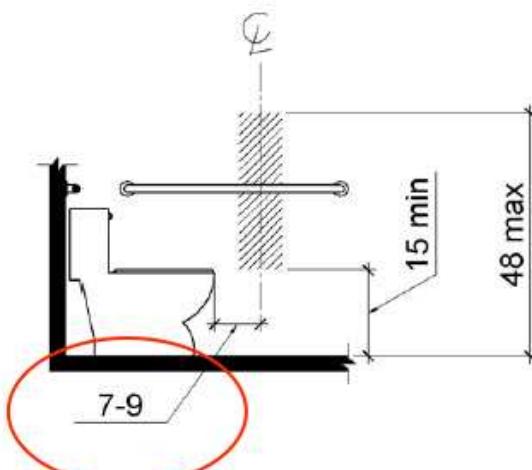
12 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297707 Main Photo

West Tower Women's Restroom 2nd Floor

Finding: 362

The baby changing table operating mechanism is outside reach range.

The maximum high reach allowed is 48 inches

2010 ADAS Section 308.3.1

Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48 inches (1220 mm) maximum and the low side reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

Citation:

2010 ADAS Section: 308.3.1

As Built:

53 inches above  
finished floor

Recommendation:

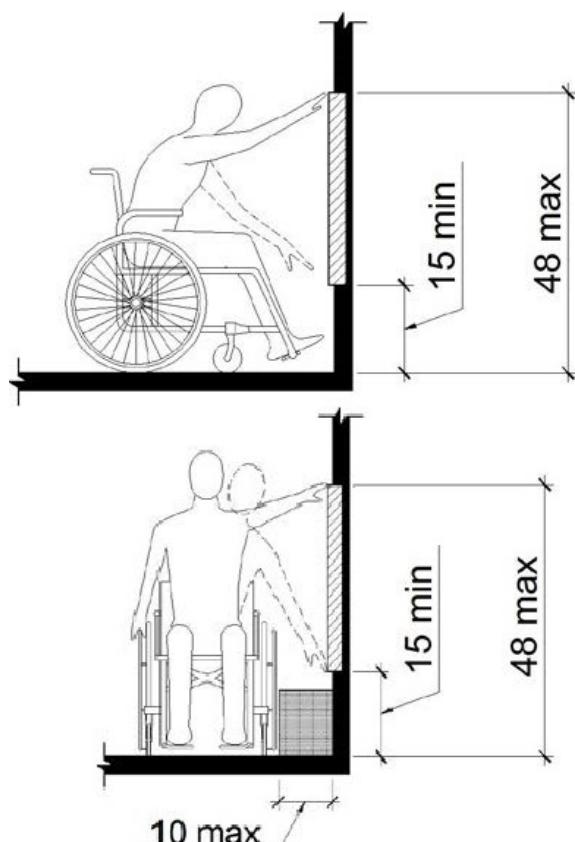
Lower baby changing station to meet the 27 inches minimum required under an element for knee clearance and 48 inches maximum to operable part.

Notes:

N/A



Finding 297689 Main Photo



## West Tower Women's Restroom 2nd Floor

### Finding: 363

The baby changing table, in the down position, obstructs the landing at the door.

Landings for interior doors on the pull side with a forward approach must be a minimum distance of 60 inches in the direction of travel. The width of the landing must be as wide as the door plus an additional 18 inches on the strike side. The landing including strike side clearance must be clear of obstructions. Landings for interior doors on the push side with a forward approach must be a minimum distance of 48 inches in the direction of travel.

2010 ADAS Section 404.1

Doors, doorways, and gates that are part of an accessible route shall comply with 404.

#### Citation:

2010 ADAS Section: 404.1

#### As Built:

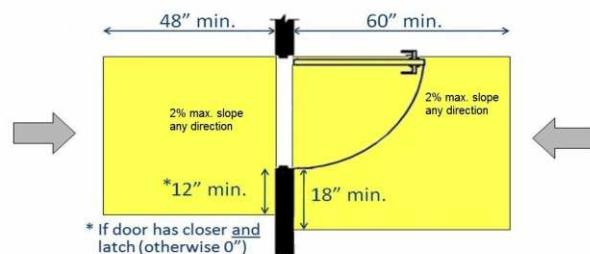
Baby changing  
station obstruct door  
entrance when in  
down position

#### Recommendation:

Remove and replace baby changing station to adjacent wall. Ensure there is a 27 inch knee clearance measured from the finished floor to the bottom edge of the baby changing station and the operable part at a maximum of 48 inches measured from the finished floor.

#### Notes:

N/A



Finding 297691 Main Photo

## **West Tower Women's Restroom 2nd Floor**

### **Finding: 364**

**The door exceeds the maximum pressure to open the door.**

**Interior doors shall have a maximum opening force of 5 pounds.**

**These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

**Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.**

*2010 ADAS Section 404.2.9*

*Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.*

#### **Citation:**

**2010 ADAS Section: 404.2.9**

#### **As Built:**

**8 pounds of pressure  
required**

#### **Recommendation:**

**Adjust both entrance doors to 5 lbs of pressure or less.**

#### **Notes:**

**N/A**



**Finding 297686 Main Photo**

**West Tower Women's Restroom 2nd Floor**

**Finding: 365**

**The compartment door is not self closing.**

**The water closet compartment shall be equipped with a door that has an automatic-closing device.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

**2010 ADAS Section: 604.8.1.2**

**As Built:**

**Compartment door  
not self closing**

**Recommendation:**

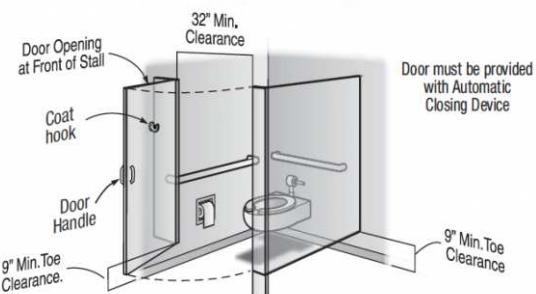
**Adjust or install automatic closing hinges.**

**Notes:**

**N/A**



**COMPARTMENT DOORS**



**Finding 297687 Main Photo**

## West Tower Women's Restroom 2nd Floor

### Finding: 366

The water closet compartment door is missing a loop handle.

Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.

2010 ADAS Section 604.8.1.2

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

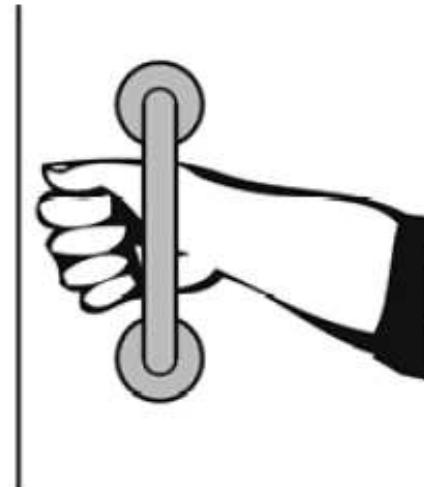
Compartiment door  
missing loop handles

#### Recommendation:

Install loop or U-shape handles on the inside and outside of the compartment door.

#### Notes:

N/A



Finding 297688 Main Photo

## West Tower Women's Restroom 2nd Floor

### Finding: 367

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

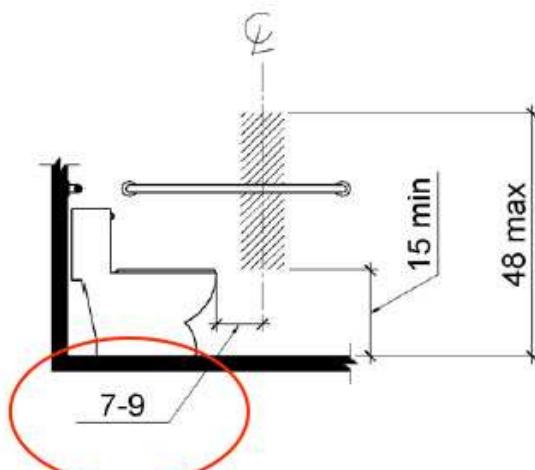
10 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297690 Main Photo

## West tower Women's Restroom 2nd Floor W262

### Finding: 368

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

8 pounds of pressure  
required

#### Recommendation:

Adjust both entrance doors to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297713 Main Photo

**West tower Women's Restroom 2nd Floor W262**

**Finding: 369**

The water closet compartment door is missing a loop handle.

**Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

2010 ADAS Section: 604.8.1.2

**As Built:**

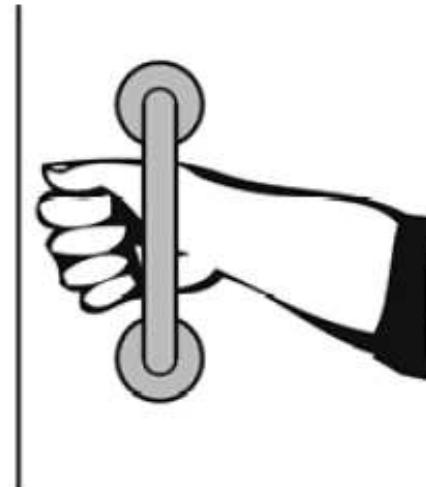
Compartment door  
missing loop handles

**Recommendation:**

Install loop or U-shape handles on the inside and outside of the compartment door.

**Notes:**

N/A



Finding 297714 Main Photo

## West tower Women's Restroom 2nd Floor W262

### Finding: 370

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self closing

#### Recommendation:

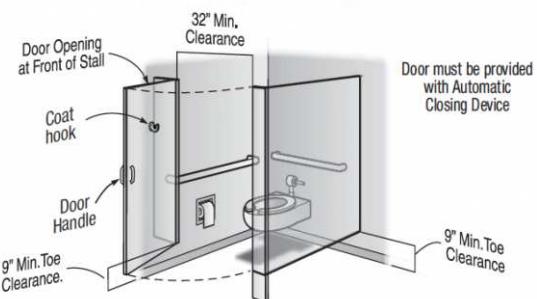
Adjust or install automatic closing hinges.

#### Notes:

N/A



COMPARTMENT DOORS



Finding 297715 Main Photo

West tower Women's Restroom 2nd Floor W262

Finding: 371

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

Citation:

2010 ADAS Section: 604.7

As Built:

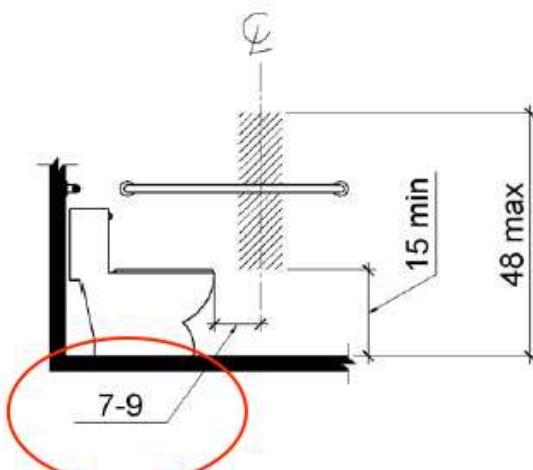
12 inches in front of  
toilet

Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

Notes:

N/A



Finding 297716 Main Photo

## West tower Women's Restroom 2nd Floor W262

### Finding: 372

The toilet seat is not located within the range allowed off the floor.

The height of accessible water closets shall be a minimum of 17 inches and a maximum of 19 inches measured to the top of a maximum 2-inch high toilet seat.

2010 ADAS Section 604.4

*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.*

#### Citation:

2010 ADAS Section: 604.4

#### As Built:

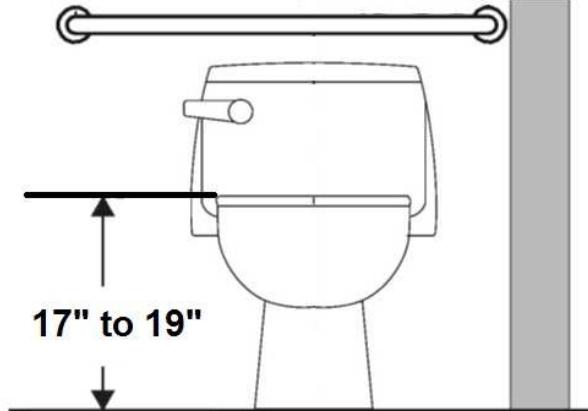
16.5 inches above  
finished floor

#### Recommendation:

Adjust toilet height, replace toilet or replace toilet seat with one that will meet the minimum height requirement of 17 inches.

#### Notes:

N/A



Finding 297717 Main Photo

West tower Women's Restroom 2nd Floor W262

Finding: 373

The coat hook is installed greater than 48 inches above the finished floor.

Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum above the finished floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

Citation:

2010 ADAS Section: 308.2.1

As Built:

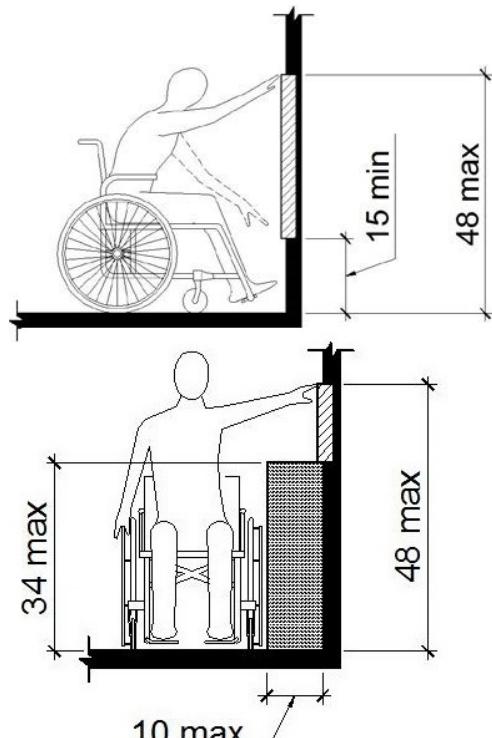
53.5 inches above  
finished floor

Recommendation:

Lower coat hook 6 inches minimum. Not to exceed a maximum height of 48 inches above finished floor.

Notes:

N/A



Considered  
Unobstructed

Finding 297718 Main Photo

West tower Women's Restroom 2nd Floor W262

Finding: 374

Knee clearance at 27 inches off the floor is not 8 inches minimum deep.

The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.3

Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

Citation:

2010 ADAS Section: 306.3.3

As Built:

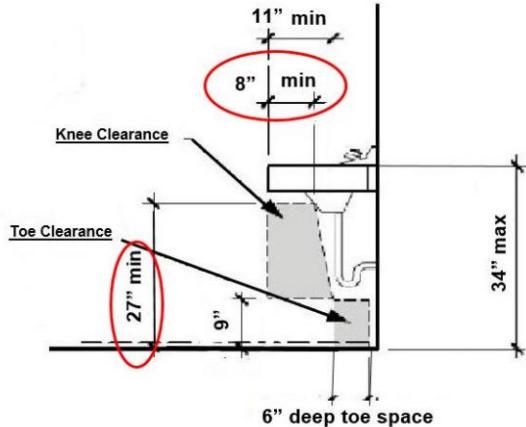
Knee clearance not provided underneath lavatory

Recommendation:

Remove panel underneath for clearance 3 feet from edge of counter.

Notes:

N/A



Finding 297719 Main Photo

## West tower Women's Restroom 2nd Floor W262

### Finding: 375

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

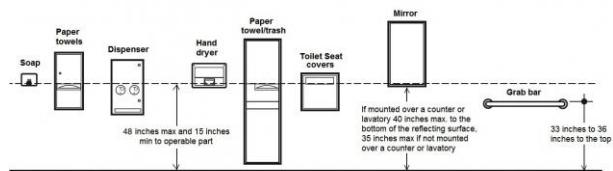
54 inches above  
finished floor

#### Recommendation:

Lower paper towel dispenser 9 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297720 Main Photo

**West Tower Women's Restroom 3rd Floor**

**Finding: 376**

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

*2010 ADAS Section 404.2.9*

*Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.*

**Citation:**

2010 ADAS Section: 404.2.9

**As Built:**

8 pounds of pressure  
required

**Recommendation:**

Adjust door closer to 5 lbs of pressure or less.

**Notes:**

N/A



Finding 297692 Main Photo

## West Tower Women's Restroom 3rd Floor

### Finding: 377

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

#### Citation:

2010 ADAS Section: 404.2.8.1

#### As Built:

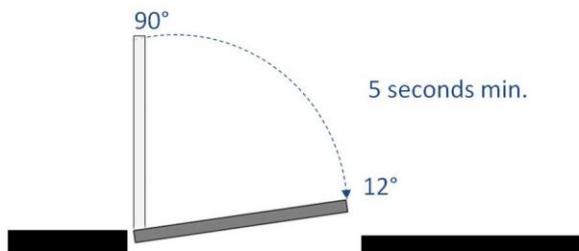
4 seconds to closed position

#### Recommendation:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

#### Notes:

N/A



Finding 297693 Main Photo

## West Tower Women's Restroom 3rd Floor

### Finding: 378

The paper towel dispenser's operation mechanism is too high off the floor.

Dispensers must have all operable parts a maximum of 48 inches above the floor.

2010 ADAS Section 308.2.1

Where a forward reach is unobstructed, the high forward reach shall be 48 inches (1220 mm) maximum and the low forward reach shall be 15 inches (380 mm) minimum above the finish floor or ground.

#### Citation:

2010 ADAS Section: 308.2.1

#### As Built:

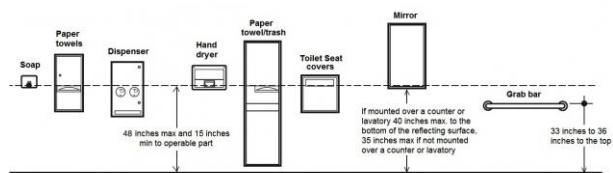
53 inches above  
finished floor

#### Recommendation:

Lower paper towel dispenser 6 inches to meet compliance. 48 inches maximum height above finished floor for operable parts (sensor).

#### Notes:

N/A



Finding 297694 Main Photo

## West Tower Women's Restroom 3rd Floor

### Finding: 379

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self closing

#### Recommendation:

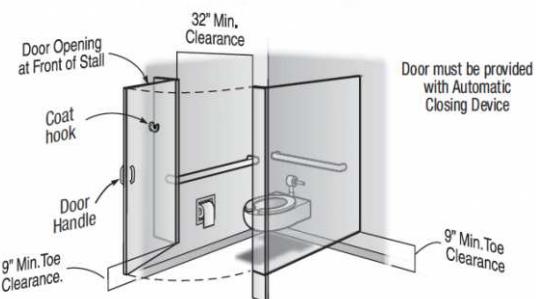
Adjust or install automatic closing hinges.

#### Notes:

N/A



COMPARTMENT DOORS



Finding 297695 Main Photo

## West Tower Women's Restroom 3rd Floor

### Finding: 380

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

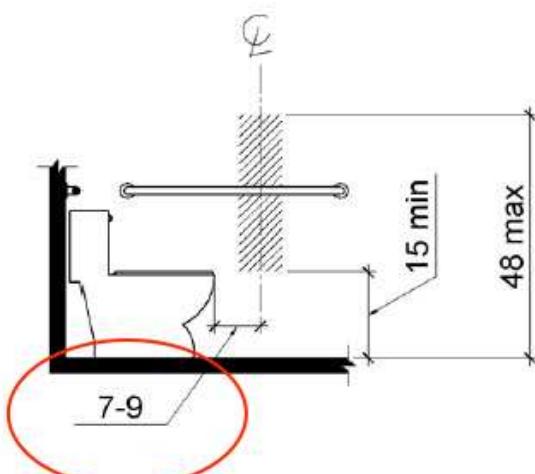
12 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297696 Main Photo

## **West Tower Women's Restroom 3rd Floor**

### **Finding: 381**

**The water closet compartment door is missing a loop handle.**

**Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

#### **Citation:**

**2010 ADAS Section: 604.8.1.2**

#### **As Built:**

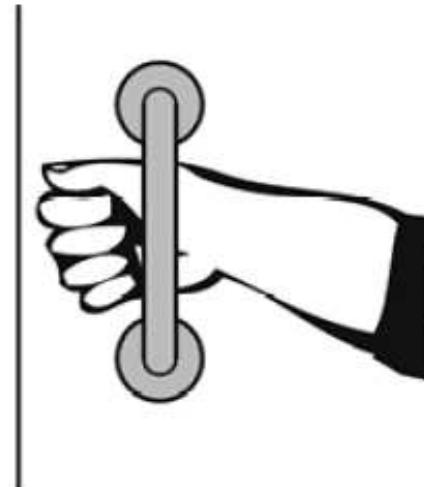
**Compartment door  
missing loop handles**

#### **Recommendation:**

**Install loop or U-shape handles on the inside and outside of the compartment door.**

#### **Notes:**

**N/A**



**Finding 297697 Main Photo**

## West Tower Women's Restroom 3rd Floor

### Finding: 382

Knee clearance at 27 inches off the floor is not 8 inches minimum deep.

The knee clearance, measured from the bottom of the apron or the outside bottom edge of the lavatory, must be 27 inches at a point located 8 inches back from the front edge and continuing to 11 inches minimum in depth at 9 inches above the floor. The top of the lavatory rim may be no higher than 34 inches.

2010 ADAS Section 306.3.3

Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches (280 mm) deep minimum at 9 inches (230 mm) above the finish floor or ground, and 8 inches (205 mm) deep minimum at 27 inches (685 mm) above the finish floor or ground.

#### Citation:

2010 ADAS Section: 306.3.3

#### As Built:

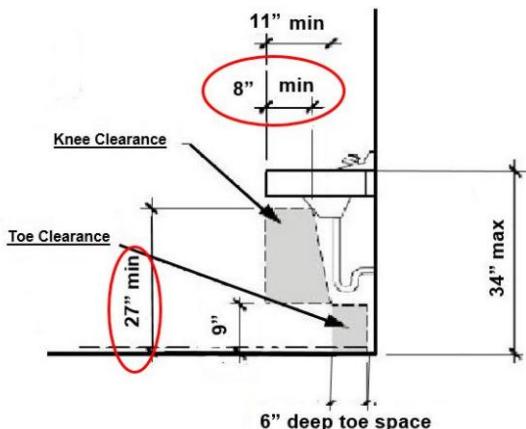
There was 21½ inches of clearance from the floor to the bottom of the lavatory sink that extended at least 8 inches under for knee clearance. (Built 2005)

#### Recommendation:

Remove panel underneath for clearance 3 feet from edge of counter.

#### Notes:

N/A



Finding 297730 Main Photo

## West Tower Women's Restroom 4th Floor

### Finding: 383

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

#### Citation:

2010 ADAS Section: 604.8.1.2

#### As Built:

Compartment door  
not self closing

#### Recommendation:

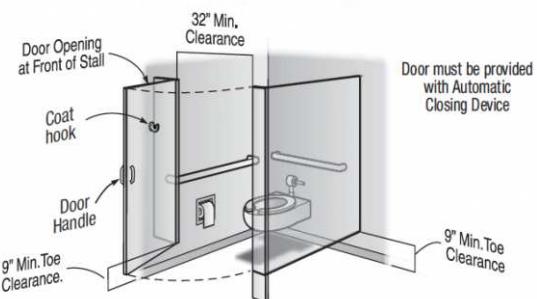
Adjust or install automatic closing hinges.

#### Notes:

N/A



COMPARTMENT DOORS



Finding 297699 Main Photo

**West Tower Women's Restroom 4th Floor**

**Finding: 384**

The water closet compartment door is missing a loop handle.

**Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

2010 ADAS Section: 604.8.1.2

**As Built:**

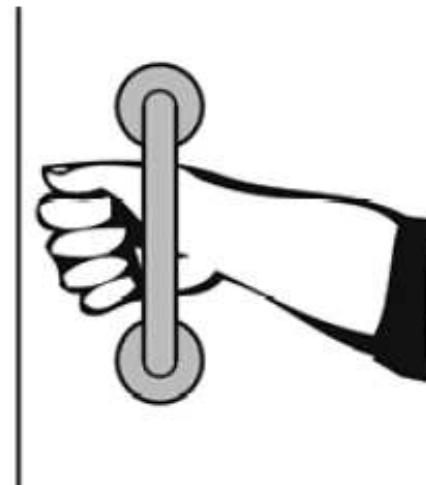
Compartment door  
missing loop handles

**Recommendation:**

Install loop or U-shape handles on the inside and outside of the compartment door.

**Notes:**

N/A



Finding 297700 Main Photo

## West Tower Women's Restroom 4th Floor

### Finding: 385

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

#### Citation:

2010 ADAS Section: 404.2.8.1

#### As Built:

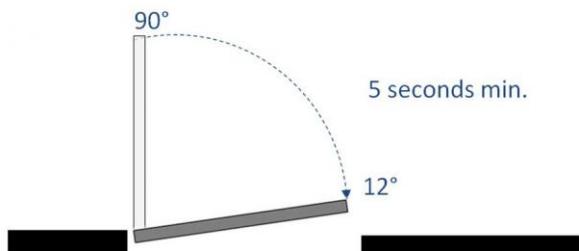
4 seconds to closed position

#### Recommendation:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

#### Notes:

N/A



Finding 297698 Main Photo

## West Tower Women's Restroom 5th Floor

### Finding: 386

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

9 pounds of force  
required

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297651 Main Photo

## West Tower Women's Restroom 5th Floor

**Finding: 387**

The compartment door is not self closing.

The water closet compartment shall be equipped with a door that has an automatic-closing device.

2010 ADAS Section 604.8.1.2

Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.

**Citation:**

2010 ADAS Section: 604.8.1.2

**As Built:**

Compartment door  
not self closing

**Recommendation:**

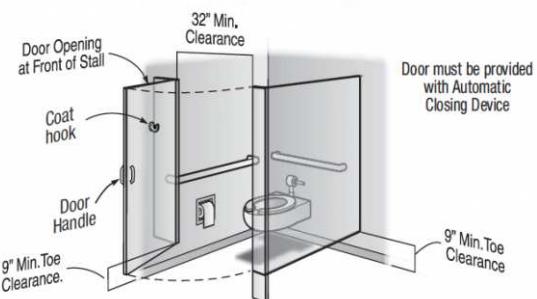
Adjust or install automatic closing hinges.

**Notes:**

N/A



**COMPARTMENT DOORS**



Finding 297652 Main Photo

## West Tower Women's Restroom 5th Floor

### Finding: 388

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

#### Citation:

2010 ADAS Section: 404.2.8.1

#### As Built:

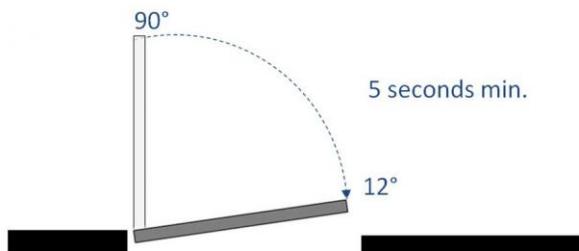
3 seconds to closed position

#### Recommendation:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

#### Notes:

N/A



Finding 297655 Main Photo

## West Tower Women's Restroom 5th Floor

### Finding: 389

The toilet paper is not installed within the compliant range.

Toilet paper dispensers shall be 7 inches minimum and 9 inches maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches minimum and 48 inches 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. There shall be a clearance of 1 1/2 inches minimum below the grab bar.

2010 ADAS Section 604.7

*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.*

#### Citation:

2010 ADAS Section: 604.7

#### As Built:

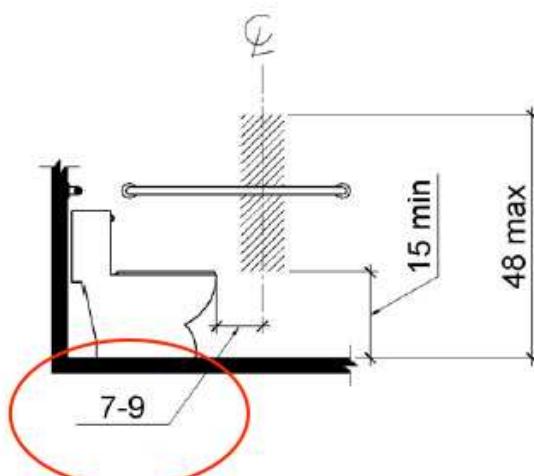
12 inches in front of  
toilet

#### Recommendation:

Re-position toilet paper dispenser to be within 7 inches minimum to 9 inches maximum in front of the toilet measured to the centerline of the dispenser.

#### Notes:

N/A



Finding 297701 Main Photo

**West Tower Women's Restroom 5th Floor**

**Finding: 390**

The water closet compartment door is missing a loop handle.

**Water closet compartments must be equipped with a door that has a loop or U-shaped handle on both sides of the door immediately below the latch. The latch must be flip-over style, sliding or other hardware not requiring the user to grasp or twist.**

*2010 ADAS Section 604.8.1.2*

*Toilet compartment doors, including door hardware, shall comply with 404 except that if the approach is to the latch side of the compartment door, clearance between the door side of the compartment and any obstruction shall be 42 inches (1065 mm) minimum. Doors shall be located in the front partition or in the side wall or partition farthest from the water closet. Where located in the front partition, the door opening shall be 4 inches (100 mm) maximum from the side wall or partition farthest from the water closet. Where located in the side wall or partition, the door opening shall be 4 inches (100 mm) maximum from the front partition. The door shall be self-closing. A door pull complying with 404.2.7 shall be placed on both sides of the door near the latch. Toilet compartment doors shall not swing into the minimum required compartment area.*

**Citation:**

2010 ADAS Section: 604.8.1.2

**As Built:**

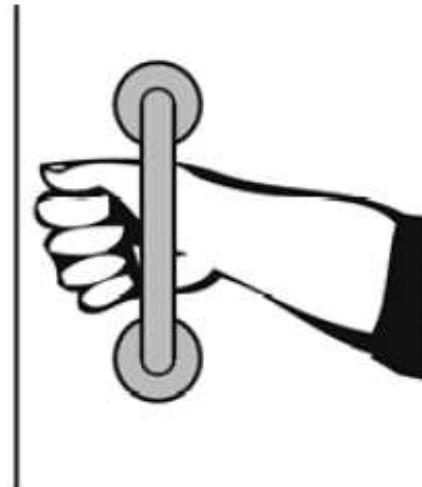
Compartment door  
missing loop handles

**Recommendation:**

Install loop or U-shape handles on the inside and outside of the compartment door.

**Notes:**

N/A



Finding 297653 Main Photo

## Room W173

### Finding: 391

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

#### Citation:

2010 ADAS Section: 404.2.9

#### As Built:

Requires 12 pounds  
of pressure

#### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

#### Notes:

N/A



Finding 297649 Main Photo

Room W173

Finding: 392

The door is equipped with a door closer and returns to a closed position too quickly.

Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

2010 ADAS Section 404.2.8.1

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

Citation:

2010 ADAS Section: 404.2.8.1

As Built:

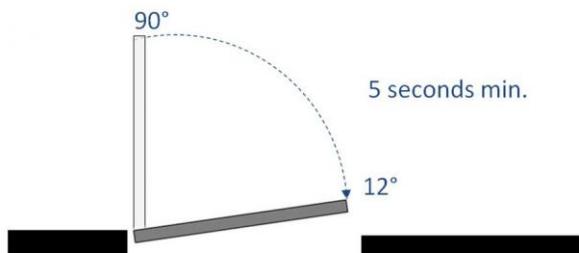
2 seconds to closed  
position

Recommendation:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

Notes:

N/A



Finding 297650 Main Photo

**Room W119**

**Finding: 393**

The accessible portion of the countertop does not extend the same depth as the sales or service counter top.

**Transaction counters shall be 36 inches maximum high and a minimum of 36 inches wide and must extend the same depth as the sales or service counter top.**

*2010 ADAS Section 904.4*

*Sales counters and service counters shall comply with 904.4.1 or 904.4.2. The accessible portion of the counter top shall extend the same depth as the sales or service counter top.*

**Citation:**

2010 ADAS Section: 904.4

**As Built:**

Surface counter is 6  
inches in width

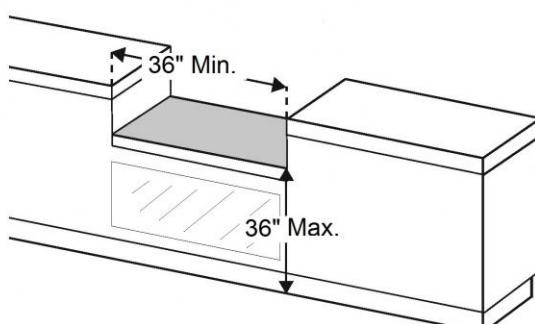
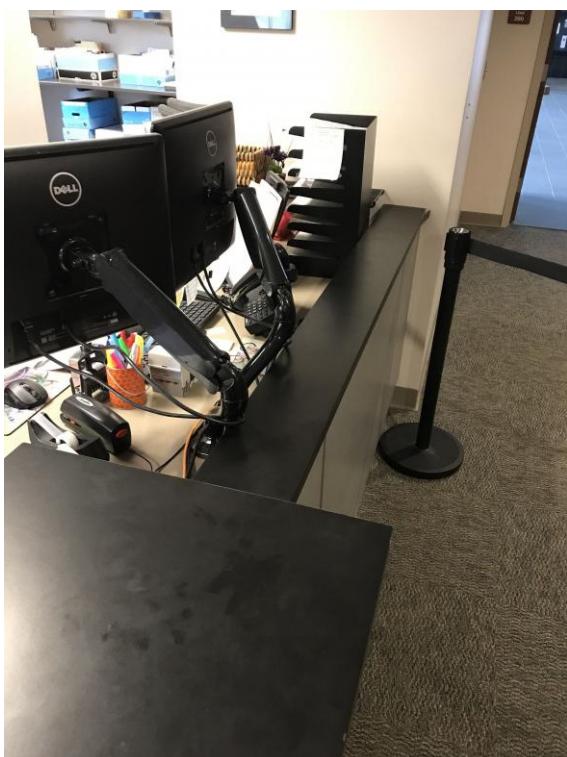
**Recommendation:**

Install new counter section that measures 36 inches maximum in height from the finish floor and lengthen that section of the counter to 36 inches minimum.

Height and depth should match adjacent counter.

**Notes:**

N/A



Finding 297648 Main Photo

## Finding #393 Additional Finding Photos



Finding 297648 Additional Photo

## West Tower 2nd Floor Staff Area

### Finding: 394

The transaction counter is too high.

A portion of the counter surface that is 36 inches long minimum and 36 inches high maximum above the finish floor shall be provided. Knee and toe space must be provided for a forward approach. A 30 inch by 48 inch clear floor space on an accessible route must be provided for either a forward or parallel approach.

2010 ADAS Section 904.4.2

*A portion of the counter surface that is 30 inches (760 mm) long minimum and 36 inches (915 mm) high maximum shall be provided. Knee and toe space complying with 306 shall be provided under the counter. A clear floor or ground space complying with 305 shall be positioned for a forward approach to the counter.*

2010 ADAS Section 904.4.1

*A portion of the counter surface that is 36 inches (915 mm) long minimum and 36 inches (915 mm) high maximum above the finish floor shall be provided. A clear floor or ground space complying with 305 shall be positioned for a parallel approach adjacent to the 36 inch (915 mm) minimum length of counter.*

#### Citation:

2010 ADAS Section: 904.4.2, 904.4.1

#### As Built:

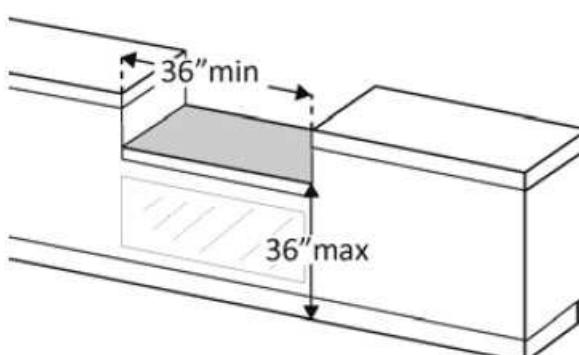
41 inches above  
finished floor for 3  
service windows

#### Recommendation:

Install new counter sections to each service window. Transaction/service counters should measure 36 inches maximum in height from the finished floor and 36 inches minimum in length.

#### Notes:

N/A



## Finding #394 Additional Finding Photos



Finding 297710 Additional Photo



Finding 297710 Additional Photo



Finding 297710 Additional Photo

## West Tower 3rd Floor Staff Area

### Finding: 395

The transaction counter is too high.

A portion of the counter surface that is 36 inches long minimum and 36 inches high maximum above the finish floor shall be provided. Knee and toe space must be provided for a forward approach. A 30 inch by 48 inch clear floor space on an accessible route must be provided for either a forward or parallel approach.

2010 ADAS Section 904.4.2

*A portion of the counter surface that is 30 inches (760 mm) long minimum and 36 inches (915 mm) high maximum shall be provided. Knee and toe space complying with 306 shall be provided under the counter. A clear floor or ground space complying with 305 shall be positioned for a forward approach to the counter.*

2010 ADAS Section 904.4.1

*A portion of the counter surface that is 36 inches (915 mm) long minimum and 36 inches (915 mm) high maximum above the finish floor shall be provided. A clear floor or ground space complying with 305 shall be positioned for a parallel approach adjacent to the 36 inch (915 mm) minimum length of counter.*

#### Citation:

2010 ADAS Section: 904.4.2, 904.4.1

#### As Built:

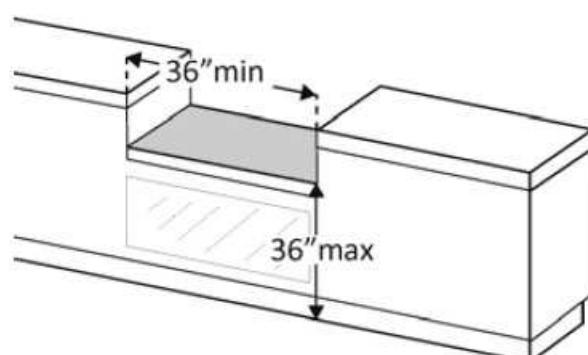
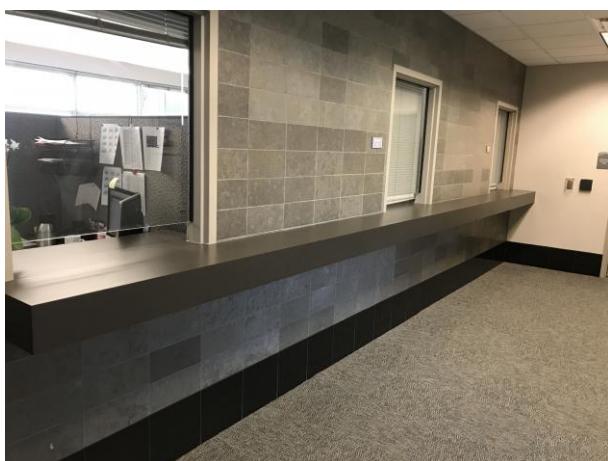
41 inches above  
finished floor for 3  
service windows

#### Recommendation:

Install new counter sections to each service window. Transaction/service counters should measure 36 inches maximum in height from the finished floor and 36 inches minimum in length.

#### Notes:

N/A

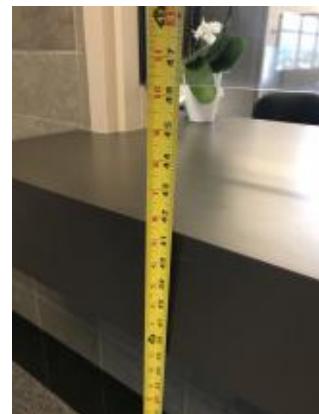


Finding 297682 Main Photo

## Finding #395 Additional Finding Photos



Finding 297682 Additional Photo



Finding 297682 Additional Photo



Finding 297682 Additional Photo

## **West Tower 4th Floor Staff Area**

### **Finding: 396**

The transaction counter is too high.

A portion of the counter surface that is 36 inches long minimum and 36 inches high maximum above the finish floor shall be provided. Knee and toe space must be provided for a forward approach. A 30 inch by 48 inch clear floor space on an accessible route must be provided for either a forward or parallel approach.

*2010 ADAS Section 904.4.2*

*A portion of the counter surface that is 30 inches (760 mm) long minimum and 36 inches (915 mm) high maximum shall be provided. Knee and toe space complying with 306 shall be provided under the counter. A clear floor or ground space complying with 305 shall be positioned for a forward approach to the counter.*

*2010 ADAS Section 904.4.1*

*A portion of the counter surface that is 36 inches (915 mm) long minimum and 36 inches (915 mm) high maximum above the finish floor shall be provided. A clear floor or ground space complying with 305 shall be positioned for a parallel approach adjacent to the 36 inch (915 mm) minimum length of counter.*

#### **Citation:**

**2010 ADAS Section: 904.4.2, 904.4.1**

#### **As Built:**

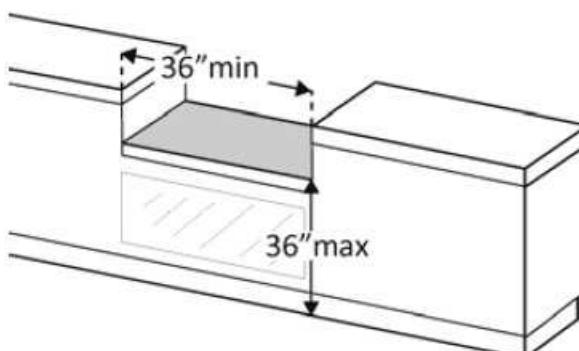
**41 inches above  
finished floor for 3  
service windows**

#### **Recommendation:**

Install new counter sections to each service window. Transaction/service counters should measure 36 inches maximum in height from the finished floor and 36 inches minimum in length.

#### **Notes:**

N/A



## West Tower 5th Floor Staff Area

### Finding: 397

The transaction counter is too high.

A portion of the counter surface that is 36 inches long minimum and 36 inches high maximum above the finish floor shall be provided. Knee and toe space must be provided for a forward approach. A 30 inch by 48 inch clear floor space on an accessible route must be provided for either a forward or parallel approach.

2010 ADAS Section 904.4.2

*A portion of the counter surface that is 30 inches (760 mm) long minimum and 36 inches (915 mm) high maximum shall be provided. Knee and toe space complying with 306 shall be provided under the counter. A clear floor or ground space complying with 305 shall be positioned for a forward approach to the counter.*

2010 ADAS Section 904.4.1

*A portion of the counter surface that is 36 inches (915 mm) long minimum and 36 inches (915 mm) high maximum above the finish floor shall be provided. A clear floor or ground space complying with 305 shall be positioned for a parallel approach adjacent to the 36 inch (915 mm) minimum length of counter.*

#### Citation:

2010 ADAS Section: 904.4.2, 904.4.1

#### As Built:

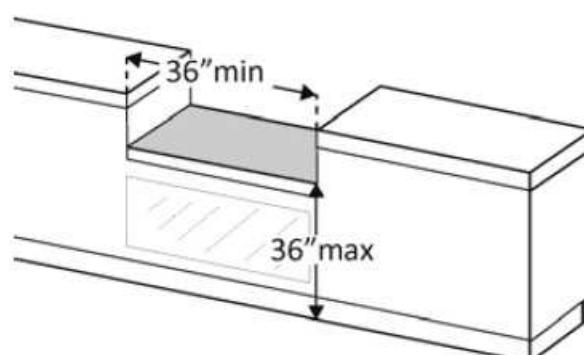
41 inches above  
finished floor for 3  
service windows

#### Recommendation:

Install new counter sections to each service window. Transaction/service counters should measure 36 inches maximum in height from the finished floor and 36 inches minimum in length.

#### Notes:

N/A



Finding 297709 Main Photo

## Finding #397 Additional Finding Photos



Finding 297709 Additional Photo



Finding 297709 Additional Photo



Finding 297709 Additional Photo

## West/South Tower Main Exit

**Finding:** 398

The door exceeds the maximum pressure to open the door.

Interior doors shall have a maximum opening force of 5 pounds.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position. Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.

Door and gate spring hinges shall be adjusted so that from the open position of 70 degrees, the door or gate shall move to the closed position in 1.5 seconds minimum.

2010 ADAS Section 404.2.9

Fire doors shall have a minimum opening force allowable by the appropriate administrative authority. The force for pushing or pulling open a door or gate other than fire doors shall be as follows: 1. Interior hinged doors and gates: 5 pounds (22.2 N) maximum. 2. Sliding or folding doors: 5 pounds (22.2 N) maximum. These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door or gate in a closed position.

### Citation:

2010 ADAS Section: 404.2.9

### As Built:

Requires 8 pounds or more of pressure to open

### Recommendation:

Adjust door closer to 5 lbs of pressure or less.

### Notes:

N/A



Finding 297725 Main Photo

## Finding #398 Additional Finding Photos



Finding 297725 Additional Photo

## West/South Tower Main Exit

### Finding: 399

The door is equipped with a door closer and returns to a closed position too quickly.

**Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.**

*2010 ADAS Section 404.2.8.1*

*Door closers and gate closers shall be adjusted so that from an open position of 90 degrees, the time required to move the door to a position of 12 degrees from the latch is 5 seconds minimum.*

#### Citation:

2010 ADAS Section: 404.2.8.1

#### As Built:

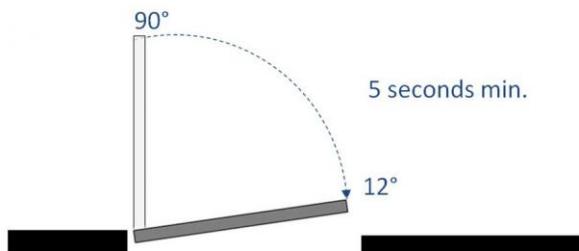
3 seconds to closed position

#### Recommendation:

Adjust door closer to allow a minimum of 5 seconds before returning to a position of 12 degrees from the latch/locking mechanism.

#### Notes:

N/A



Finding 297726 Main Photo