



**ADDISON AIRPORT  
BUILDING REPORT**

**Facility Information:** **Facility Name:** Cavanaugh Flight Museum - Main Building  
**Facility Contact:** Lisa Pyles **Contact Phone:** 972-450-2878

**Accessology Inspector Information:**  
**Inspector:** Karen Jackson **Date:** April 17, 2017  
**Email:** Kjackson@accessology.com

**Latitude:** 32.972488 **Longitude:** -96.834886  
**Address:** 4572 Clair Chennault Street **City:** Addison **County:** Dallas

**General Parking Notes:**

The parking lot is between the main building and hanger 4. There are spaces in-between the two buildings so it is not clear how many exactly serve each building.

<b>Total Parking Spaces:</b>	25
<b>Total Accessible Parking Spaces:</b>	1
<b>Number of van accessible spaces:</b>	0
<b>Is the accessible parking substantially compliant?</b>	No

**Violation #1:** The access aisle is only 53" wide, where it is required to be a minimum of 60" wide.

**Standard:** 2010 ADAAG 502.3.1 Access Aisle Width.

**Text:** Access aisles serving car and van parking spaces shall be 60 inches wide minimum.

**ADDISON AIRPORT - Cavanaugh Flight Museum - Main Building**  
**Parking - Page 2**

**Possible Solutions:**

Restripe access aisle.

**Violation #1 Cost:**

\$2,100

Priority

Level 5

**Violation #2:**

The accessible parking space is required to van accessible.

**Standard:**

**2010 ADAAG 502.2 Vehicle Spaces.**

**Text:**

Car parking spaces shall be 96" wide min. and van parking spaces shall be 132" wide min., shall be marked to define the width, and shall have an adjacent access aisle complying with 502.3. EXCEPTION: Van parking spaces shall be permitted to be 96" wide min. where the access aisle is 96" wide min.

**Possible Solutions:**

Restripe accessible parking space and access aisle so the accessible space and access aisles are each a minimum of 96" wide. Price included with Violation #1.

**Violation #2 Cost:**

\$0

Priority

Level 5

**Violation #3:**

The expansion joint that runs from the parking space through the access aisle has grass growing up through it.

**Standard:**

**2010 ADAAG 302.1 General.**

**Text:**

Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with 302.

**Possible Solutions:**

Clean out and caulk the expansion joint to achieve a smooth transition.

**ADDISON AIRPORT - Cavanaugh Flight Museum - Main Building**  
**Parking - Page 3**

**Violation #3 Cost:**

\$210

Priority

Level 5

**Violation #4:**

The parking sign is faded and illegible.

**Standard:**

**2010 ADAAG 502.6 Identification.**

**Text:**

Signs identifying van parking spaces shall contain the designation "van accessible." Signs shall be 60" minimum above the finish floor or ground surface measured to the bottom of the sign.

**Possible Solutions:**

Replace with a compliant van accessible sign.

**Violation #4 Cost:**

\$525

Priority

Level 5

**Parking Violations Total**

\$2,835

High Priority 1-4

Medium Priority 5-8

Low Priority 9-12

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**General Accessible Route Notes:**

The route from the parking to the building entrance is not compliant.

Is the path of travel from accessible parking to building entrance compliant?   
 Does the path of travel serve all exterior amenities offered by the facility?   
 Is the path of travel from building entrances to all amenities served by the entrance substantially compliant?

**Violation #5:** The sidewalk as well as the landing at the top of the curb ramp has a 5.4% cross slope.

**Standard:** 2010 ADAAG 405.3 Cross Slope.

**Text:** Cross slope of ramp runs shall not be steeper than 1:48.

**Possible Solutions:** Replace the sidewalk to achieve a cross slope no greater than 1:48.

**Violation #5 Cost:** \$4,200 **Priority:** Level 3

**Violation #6:** The curb ramp has a change in level greater than a 1/2" at the bottom and is 35-3/4" wide and has a drop off.

**Standard:** 2010 ADAAG 405.5 Clear Width.  
 2010 ADAAG 303.2 Vertical.

**ADDISON AIRPORT - Cavanaugh Flight Museum - Main Building**  
**Accessible Route Exterior - Page 2**

**Text:**

**2010 ADAAG 405.5 Clear Width.** The clear width of a ramp run shall be 36" min.  
**2010 ADAAG 303.2 Vertical.** Changes in level of ¼ inch high maximum shall be permitted to be vertical.

**Possible Solutions:**

Install new compliant curb ramp at the end of the sidewalk next to the access aisle to provide a

**Violation #6 Cost:**

\$2,100

Priority

Level 3

Accessible Route Total

\$6,300

High Priority

1-4

Medium Priority

5-8

Low Priority

9-12

## ADDISON AIRPORT BUILDING REPORT

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**General Entrance Notes:**

The main entrance into the facility has non-compliant slopes.

Is the main entry door accessible?

No

Is there an alternate door that is accessible?

N/A

If so, does the inaccessible door have signage indicating the location of the nearest accessible door?

N/A

**Violation #7:** There is a 10.2% slope at the main entrance door.

**Standard:** **2010 ADAAG 404.2.4.4 Floor or Ground Surface.**

**Text:** Floor or ground surface within required maneuvering clearances shall comply with 302. Changes in level are not permitted. EXCEPTIONS: Slopes not steeper than 1:48 shall be permitted.

**Possible Solutions:** Remove and re-pour concrete to achieve slopes no greater than 1:48.

**Violation #7 Cost:** \$2,100

Priority Level 3

**Violation #8:** The entrance door opening is only 27" wide where a minimum of 32" is required.

**Standard:** **2010 ADAAG 404.2.2 Double-Leaf Doors and Gates.**

**ADDISON AIRPORT - Cavanaugh Flight Museum - Main Building**  
**Entrance - Page 2**

**Text:**

At least one of the active leaves of doorways with two leaves shall comply with 404.2.3 and 404.2.4.

**Possible Solutions:**

Modify doors so one of the door openings is a minimum of 32" opening.

**Violation #8 Cost:**

\$2,625

Priority

Level 4

Entrance Total

\$4,725

High Priority 1-4

Medium Priority 5-8

Low Priority 9-12

## ADDISON AIRPORT BUILDING REPORT

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There are multiple hallways throughout the facility. Many of the doors have non-compliant hardware and maneuvering clearances. The room signage is mounted on the doors and does not have Braille or tactile characters.

Does this facility have any hallways?

Yes

Do the doors have compliant hardware?

No

Do the doors have proper maneuvering clearances?

No

Is the hallway width at least 36" clear width?

Yes

Are visual strobes provided?

No

Are there any protruding objects?

No

Is the signage substantially compliant?

No

**Violation #9:**

The front desk is 39-9/16" to the top of the counter.

**Standard:**

**2010 ADAAG 904.4.1 Parallel Approach.**

**Text:**

A portion of the counter surface that is 36" long minimum and 36" high maximum above the finish floor shall be provided.

**Possible Solutions:**

Replace desk or lower a portion of the desk to 36" above finished floor.

**Violation #9 Cost:**

\$2,100

Priority

Level 2



**ADDISON AIRPORT - Cavanaugh Flight Museum - Main Building**  
**Hallway - Page 2**

**Violation #10:** There are four (4) doors in the facility that have knob door hardware.

**Standard:** 2010 ADAAG 404.2.7 Door and Gate Hardware.

**Text:** Handles, pulls, latches, locks, and other operable parts on doors and gates shall comply with 309.4.

**Possible Solutions:** Replace hardware with lever hardware.

**Violation #10 Cost:** \$2,100

Priority Level 5

Hallway Total \$4,200

High Priority 1-4

Medium Priority 5-8

Low Priority 9-12

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**General Restroom Notes:**

This facility has a single user Men's and a single user Women's restrooms.

**Is the door to the restroom substantially compliant?**

No

**Does the room have the required turning radius?**

No

**Is the water closet substantially compliant?**

No

**Does the water closet have the required clear floor space?**

No

**Is the lavatory substantially compliant?**

No

**Is the urinal substantially compliant?**

N/A

**Is the mirror substantially compliant?**

Yes

**Violation #11:**

Men's Room: Signage is mounted on the door and does not have Braille or tactile characters.

**Standard:**

2010 ADAAG 216.2 Designations.

**Text:**

Interior and exterior signs identifying permanent rooms and spaces shall comply with 703.1, 703.2, and 703.5.

**Possible Solutions:**

Install compliant signage on the wall on the latch side of the door.

**Violation #11 Cost:**

\$525

Priority

Level 6

**Violation #12:**

Men's Room: There is only a 4-1/2" maneuvering clearance on the pull side of the door where a minimum of 18" is required.

**ADDISON AIRPORT - Cavanaugh Flight Museum - Main Building  
Restrooms - Page 2**

**Standard:**

**2010 ADAAG 404.2.4.1 Swinging Doors and Gates.**

**Text:**

Swinging doors and gates shall have maneuvering clearances complying with Table 404.2.4.1.

**Possible Solutions:**

Reverse the swing of the door.

**Violation #12 Cost:**

\$1,575

Priority

Level 3

**Violation #13:**

Men's Room: Water closet's required clear floor width is blocked by the urinal screen and the urinal.

**Standard:**

**2010 ADAAG 604.3.1 Size.**

**Text:**

Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall.

**Possible Solutions:**

Remove urinal and urinal screen to provide required clearances.

**Violation #13 Cost:**

\$2,625

Priority

Level 4

**Violation #14:**

Men's Room: Only a side grab bar is provided where both side and rear grab bars are required to be provided.

**Standard:**

**2010 ADAAG 604.5 Grab Bars.**

**Text:**

Grab bars shall be provided on the side wall closest to the water closet and on the rear wall.

**ADDISON AIRPORT - Cavanaugh Flight Museum - Main Building**  
**Restrooms - Page 3**

**Possible Solutions:**

Install compliant grab bars at rear and side of water closet.

**Violation #14 Cost:**

\$1,050

Priority

Level 6

**Violation #15:**

Men's Room: The lavatory does not have the required knee clearance provided.

**Standard:**

**2010 ADAAG 606.2 Clear Floor Space.**

**Text:**

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

**Possible Solutions:**

Modify or replace lavatory.

**Violation #15 Cost:**

\$2,100

Priority

Level 4

**Violation #16:**

Men's Room: The lavatory faucets controls require grasping and twisting to operate.

**Standard:**

**2010 ADAAG 606.4 Faucets.**

**Text:**

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

**Possible Solutions:**

Replace with lever style hardware.

**Violation #16 Cost:**

\$525

Priority

Level 5

**Violation #17:**

Women's Room: Signage is mounted on the door.

**ADDISON AIRPORT - Cavanaugh Flight Museum - Main Building**  
**Restrooms - Page 4**

**Standard:**

**2010 ADAAG 216.2 Designations.**

**Text:**

Interior and exterior signs identifying permanent rooms and spaces shall comply with 703.1, 703.2, and 703.5.

**Possible Solutions:**

Install compliant signage on the wall on the latch side of the door.

**Violation #17 Cost:**

\$525

Priority

Level 6

**Violation #18:**

Women's Room: There is not a minimum of 18" provided on the pull side of the door.

**Standard:**

**2010 ADAAG 404.2.4.1 Swinging Doors and Gates.**

**Text:**

Swinging doors and gates shall have maneuvering clearances complying with Table 404.2.4.1.

**Possible Solutions:**

Reverse the swing of the door.

**Violation #18 Cost:**

\$1,575

Priority

Level 3

**Violation #19:**

Women's Room: The lavatory encroaches on the required clear floor space width for the water closet.

**Standard:**

**2010 ADAAG 604.3.1 Size.**

**Text:**

Clearance around a water closet shall be 60" minimum measured perpendicular from the side wall and 56" minimum measured perpendicular from the rear wall.

**ADDISON AIRPORT - Cavanaugh Flight Museum - Main Building**  
**Restrooms - Page 5**

**Possible Solutions:**

Reconfigure room to provide the required clear floor space for the water closet.

**Violation #19 Cost:**

\$3,150

Priority

Level 4

**Violation #20:**

Women's Room: Flush control is on the closed side of the water closet.

**Standard:**

**2010 ADAAG 604.9.5 Flush Controls**

**Text:**

Flush controls shall be located on the open side of the water closet.

**Possible Solutions:**

Replace flush valve to the open side.

**Violation #20 Cost:**

\$525

Priority

Level 5

**Violation #21:**

Women's Room: Only a side grab bar is provided where both side and rear grab bars are required to be provided.

**Standard:**

**2010 ADAAG 604.5 Grab Bars.**

**Text:**

Grab bars shall be provided on the side wall closest to the water closet and on the rear wall.

**Possible Solutions:**

Install compliant grab bars at rear and side of water closet.

**Violation #21 Cost:**

\$1,050

Priority

Level 5

**Violation #22:**

Women's Room: The lavatory does not have the required knee clearance provided.

**ADDISON AIRPORT - Cavanaugh Flight Museum - Main Building**  
**Restrooms - Page 6**

**Standard:**

**2010 ADAAG 606.2 Clear Floor Space.**

**Text:**

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

**Possible Solutions:**

Modify or replace lavatory.

**Violation #22 Cost:**

\$2,100

Priority

Level 4

**Violation #23:**

Women's Room: The faucet controls require grasping and twisting to operate.

**Standard:**

**2010 ADAAG 606.4 Faucets.**

**Text:**

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

**Possible Solutions:**

Replace faucet with lever style hardware.

**Violation #23 Cost:**

\$525

Priority

Level 5

Restrooms Total

\$17,850

High Priority

1-4

Medium Priority

5-8

Low Priority

9-12

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**Latitude:** 32.972488 **Longitude:** -96.834886  
**Address:** 4572 Clair Chennault Street **City:** Addison **County:** Dallas

### General Misc Notes:

There are outside picnic tables as well as a drinking fountain and a donation box in the hangar portion of the building.

**Are there exterior drinking fountains?**

No

**Are there any other miscellaneous items not previously covered?**

N/A

**Violation #24:**

There is only one drinking fountain provided in the hangar area and it is not compliant.

**Standard:**

2010 ADAAG 211.2 Minimum Number.

**Text:**

No fewer than two drinking fountains shall be provided. One drinking fountain shall comply with 602.1 through 602.6 and one drinking fountain shall comply with 602.7.

**Possible Solutions:**

Remove or install a Hi/Low fountain.

**Violation #24 Cost:**

\$5,250

Priority

Level 8

**Violation #25:**

The top of the donation box is at 56" above finished floor.

**Standard:**

2010 ADAAG 308.2.2 Obstructed High Reach.



**ADDISON AIRPORT - Cavanaugh Flight Museum - Main Building**  
**Miscellaneous - Page 2**

**Text:**

Where a high forward reach is over an obstruction, clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction. The high forward reach shall be 48" max. where the reach depth is 20" max.

**Possible Solutions:**

Lower the donation box so that it is no higher than 48" to the opening.

**Violation #25 Cost:**

\$525

Priority

Level 7

**Violation #26:**

There are no accessible picnic tables provided.

**Standard:**

**2010 ADAAG 902.2 Clear Floor or Ground Space.**

**Text:**

A clear floor space complying with 305 positioned for a forward approach shall be provided. Knee and toe clearance complying with 306 shall be provided.

**Possible Solutions:**

Provide an accessible picnic table.

**Violation #26 Cost:**

\$2,273

Priority

Level 12

Miscellaneous Total

\$8,048

High Priority

1-4

Medium Priority

5-8

Low Priority

9-12

## Summary Sheet for Cavanaugh Flight Museum - Main Building

### Cavanaugh Flight Museum - Main Building

#	VIOLATION SUMMARY	PRIORITY LEVEL	COST
1	Restripe access aisle.	Level 5	\$2,100.00
2	Restripe accessible parking space and access aisle so the accessible space and access aisles are each a minimum of 96" wide. Price included with Violation #1.	Level 5	\$0.00
3	Clean out and caulk the expansion joint to achieve a smooth transition.	Level 5	\$210.00
4	Replace with a compliant van accessible sign.	Level 5	\$525.00
5	Replace the sidewalk to achieve a cross slope no greater than 1:48.	Level 3	\$4,200.00
6	Install new compliant curb ramp at the end of the sidewalk next to the access aisle to provide a	Level 3	\$2,100.00
7	Remove and re-pour concrete to achieve slopes no greater than 1:48.	Level 3	\$2,100.00
8	Modify doors so one of the door openings is a minimum of 32" opening.	Level 4	\$2,625.00
9	Replace desk or lower a portion of the desk to 36" above finished floor.	Level 2	\$2,100.00
10	Replace hardware with lever hardware.	Level 5	\$2,100.00
11	Install compliant signage on the wall on the latch side of the door.	Level 6	\$525.00
12	Reverse the swing of the door.	Level 3	\$1,575.00
13	Remove urinal and urinal screen to provide required clearances.	Level 4	\$2,625.00
14	Install compliant grab bars at rear and side of water closet.	Level 6	\$1,050.00
15	Modify or replace lavatory.	Level 4	\$2,100.00
16	Replace with lever style hardware.	Level 5	\$525.00
17	Install compliant signage on the wall on the latch side of the door.	Level 6	\$525.00
18	Reverse the swing of the door.	Level 3	\$1,575.00
19	Replace flush valve to the open side.	Level 4	\$3,150.00
20	Replace flush valve to the open side.	Level 5	\$525.00
21	Install compliant grab bars at rear and side of water closet.	Level 5	\$1,050.00
22	Modify or replace lavatory.	Level 4	\$2,100.00
23	Replace faucet with lever style hardware.	Level 5	\$525.00
24	Remove or install a Hi/Low fountain.	Level 8	\$5,250.00
25	Lower the donation box so that it is no higher than 48" to the opening.	Level 7	\$525.00
26	Provide an accessible picnic table.	Level 12	\$2,273.00

Grand Total	\$43,958.00
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**Violation 1** - The access aisle is only 53" wide, where it is required to be a minimum of 60" wide.



**Violation 2** - The accessible parking space is required to van accessible.



**Violation 3** - The expansion joint that runs from the parking space through the access aisle has grass growing up through it.

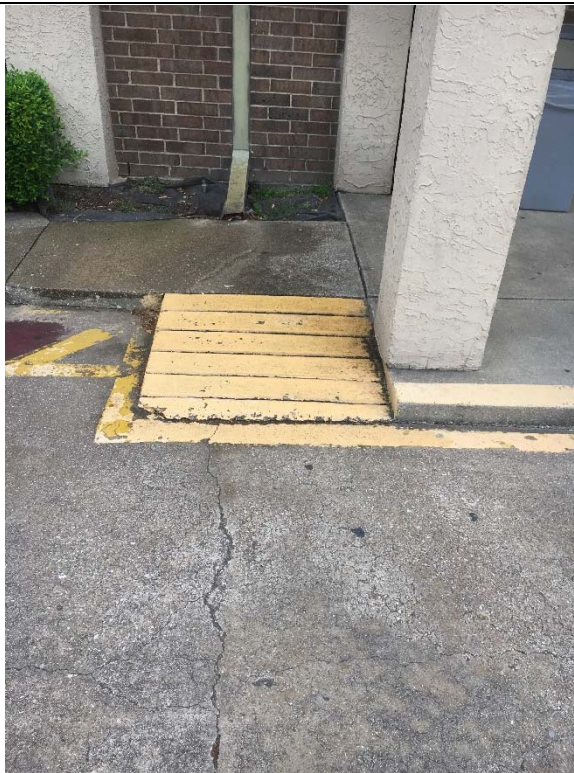


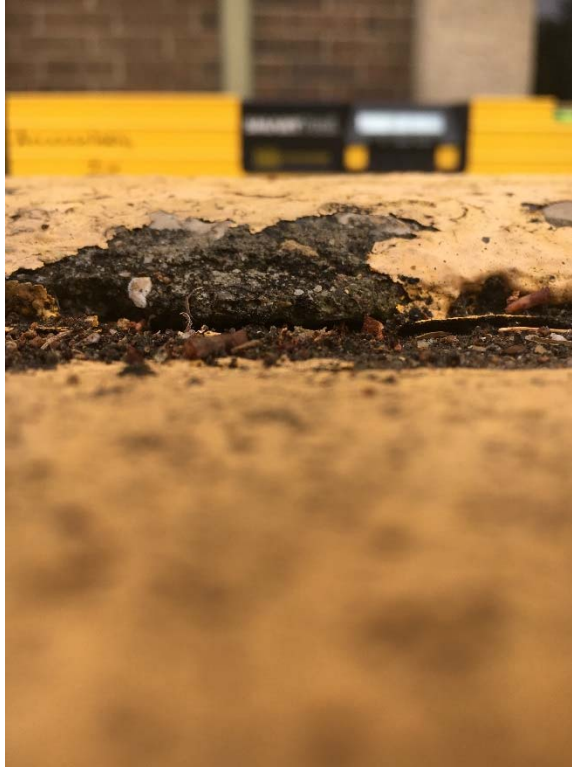
**Violation 4** - The parking sign is faded and illegible.



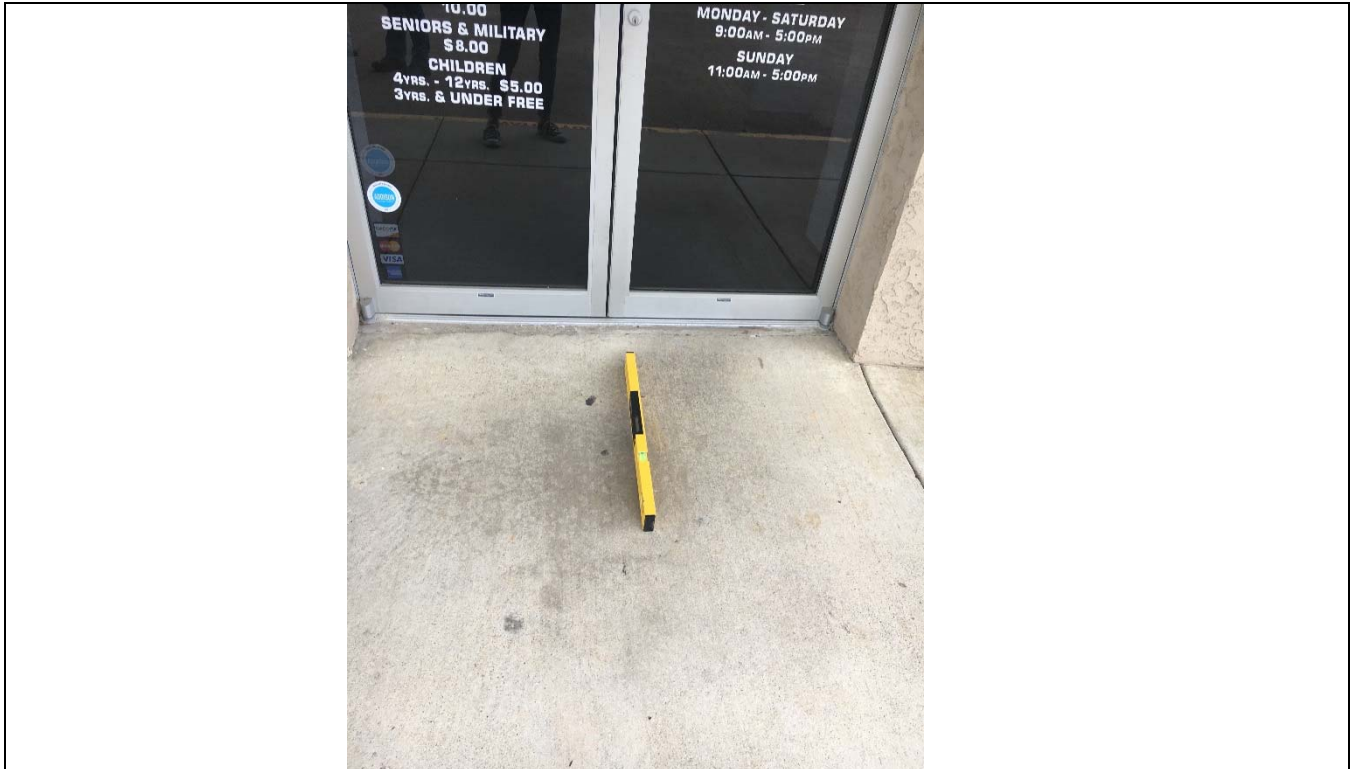


**Violation 5** - The sidewalk as well as the landing at the top of the curb ramp has a 5.4% cross slope.





**Violation 6** - The curb ramp has a change in level greater than a 1/2" at the bottom and is 35-3/4" wide and has a drop off.



**Violation 7** - There is a 10.2% slope at the main entrance door.

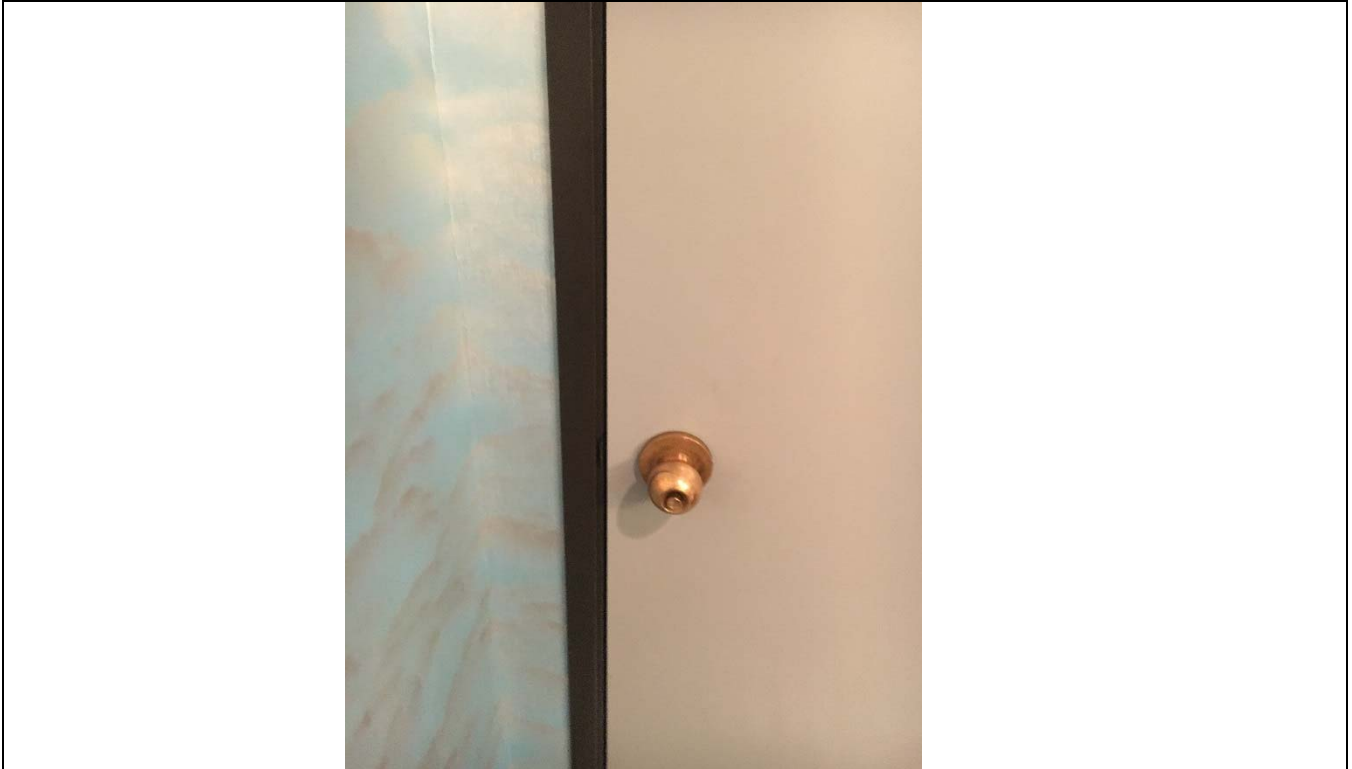




**Violation 8** - The entrance door opening is only 27" wide where a minimum of 32" is required.



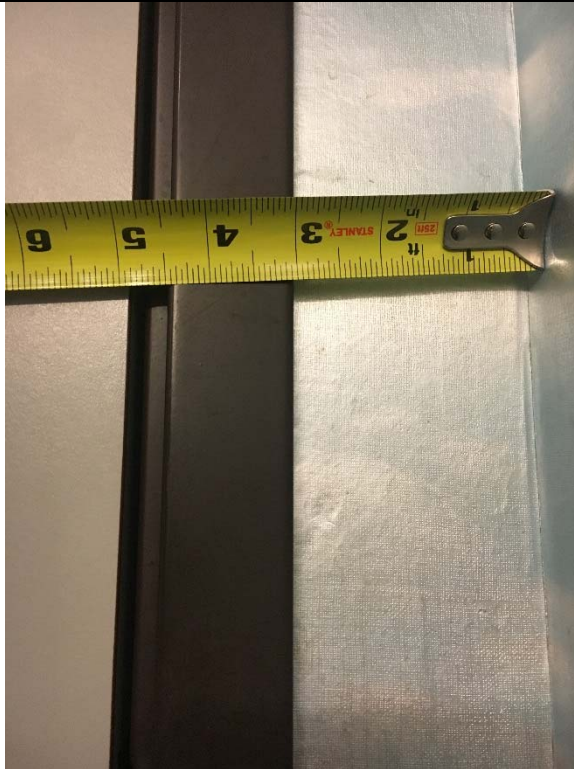
**Violation 9** - The front desk is 39-9/16" to the top of the counter.



**Violation 10** - There are four (4) doors in the facility that have knob door hardware.



**Violation 11** - Men's Room: Signage is mounted on the door and does not have Braille or tactile characters.



**Violation 12 - Men's Room:** There is only a 4-1/2" maneuvering clearance on the pull side of the door where a minimum of 18" is required.





**Violation 13** - Men's Room: Water closet's required clear floor width is blocked by the urinal screen and the urinal.



**Violation 14** - Men's Room: Only a side grab bar is provided where both side and rear grab bars are required to be provided.



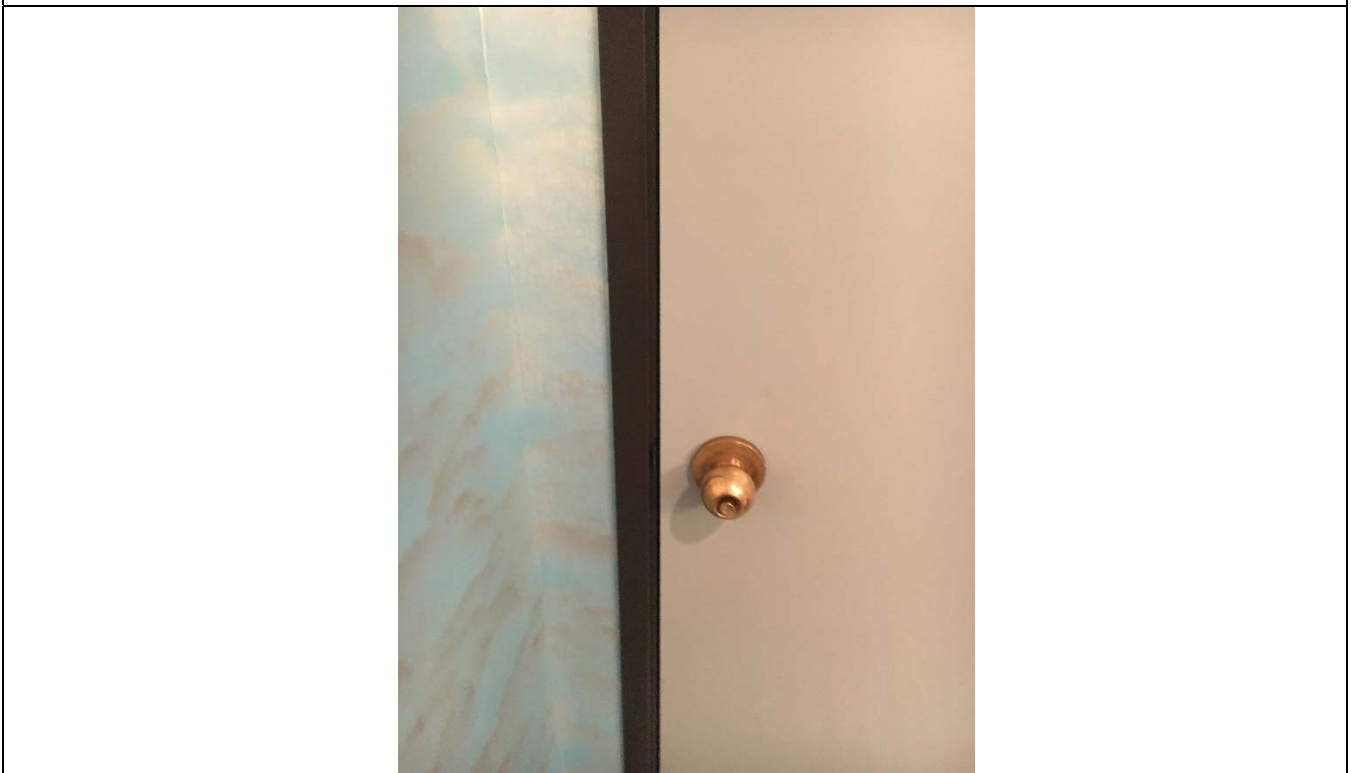
**Violation 15 - Men's Room:** The lavatory does not have the required knee clearance provided.



**Violation 16 - Men's Room:** The lavatory faucets controls require grasping and twisting to operate.



**Violation 17** - Women's Room: Signage is mounted on the door.



**Violation 18** - Women's Room: There is not a minimum of 18" provided on the pull side of the door.



**Violation 19** - Women's Room: The lavatory encroaches on the required clear floor space width for the water closet.

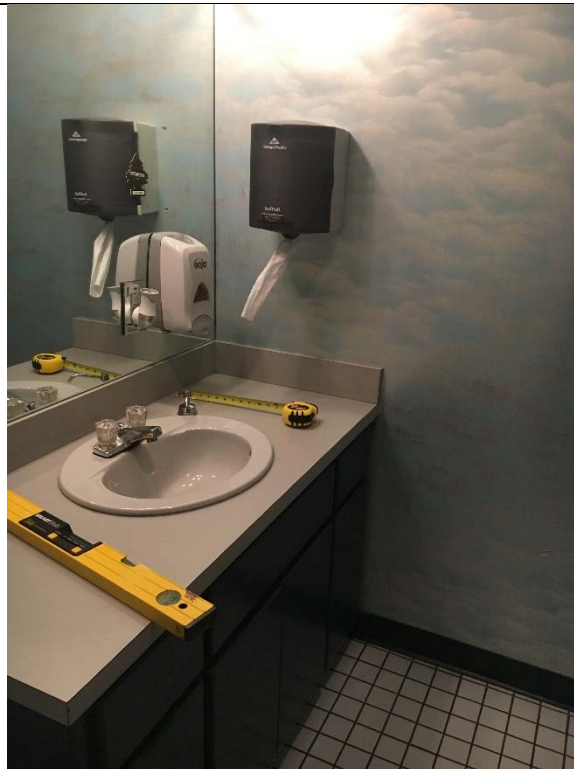


**Violation 20** - Women's Room: Flush control is on the closed side of the water closet.

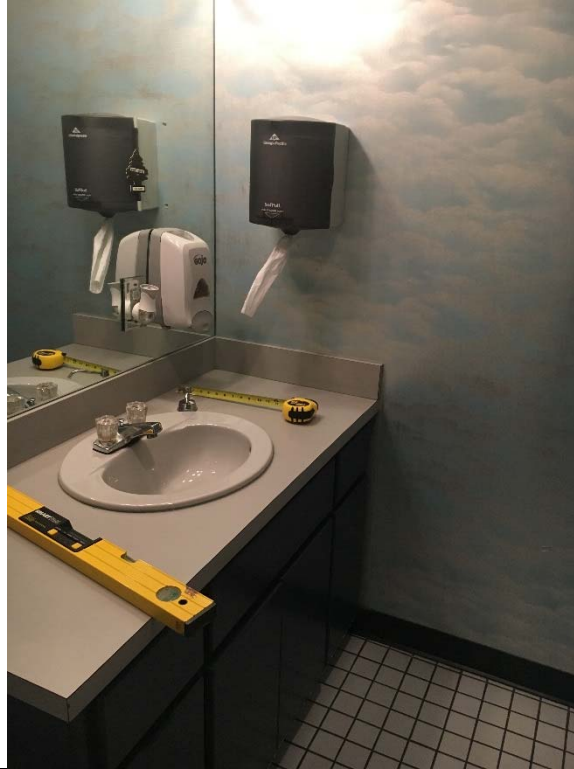




**Violation 21 - Women's Room:** Only a side grab bar is provided where both side and rear grab bars are required to be provided.



**Violation 22 - Women's Room:** The lavatory does not have the required knee clearance provided.



**Violation 23 - Women's Room:** The faucet controls require grasping and twisting to operate.



**Violation 24 -** There is only one drinking fountain provided in the hangar area and it is not compliant.





**Violation 25** - The top of the donation box is at 56" above finished floor.



**Violation 26** - There are no accessible picnic tables provided.