



### BOTTOM LINE: Multivista Saves You Time & Money

- 1** The client searched their hospital project's online construction documentation portal to diagnose why ADA handrails were falling off the walls. By referencing Multivista's Exact-Built® construction record, the client was able to determine the cause of the issue and get it repaired without invasive, time-consuming destructive testing.



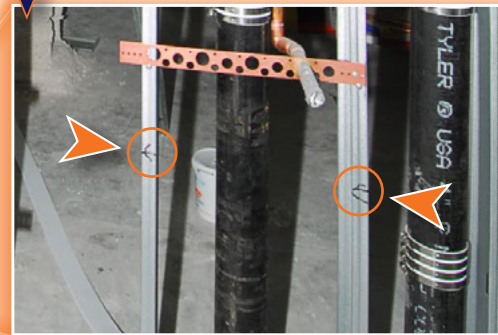
Multiple ADA handrails were falling off the walls. What is the cause?

## \$200,000 SAVINGS

After reviewing the documentation for each of the bathrooms in the hospital, it was determined that approximately 10 percent of more than 450 bathrooms had the same issue.



By taking a look at the MEP Exact-Built®, the client was able to conclude that handrails were falling off because they lacked the backing to support them. Is this isolated or systemic?



A savings of more than \$200,000 for destructive testing and repair was realized by using Multivista. In addition, the client concluded that the savings per occurrence for each defective bathroom was between \$150 and \$550, and saved as many as 9 work hours.

ADA Handrails <b>WITHOUT</b> Multivista				
Activity	Time	Labor	Material	Total
Supervision	1.0	\$84	\$0	\$84
Destructive Testing	2.0	\$76	\$0	\$76
Repair	6.0	\$376	\$27	\$403
Total	9.0	\$536	\$27	\$563
ADA Handrails <b>WITH</b> Multivista				
Activity	Time	Labor	Material	Total
Supervision	0.5	\$84	\$0	\$84
Demolition	1.0	\$19	\$0	\$19
Repair	4.5	\$282	\$22	\$304
Total	6.0	\$385	\$22	\$407
Savings Using Multivista				
Activity	Time	Labor	Material	Total
Supervision	0.5	\$0	\$0	\$0
Destructive Testing	1.0	\$57	\$0	\$57
Repair	1.5	\$94	\$5	\$99
Total	3.0	\$151	\$5	\$156
<b>*Total Savings = 27.71%</b>				

- 2** When it came time to install the handrail and crash rails on this hospital wall, the contractor was unsure how the in-wall process piping was configured. Using Multivista's MEP Exact-Built® photo shoot they were able to go back in time and review the location of mechanical, electrical, and plumbing and all other in-wall systems post-inspection, pre-insulation.

Crash Rail <b>WITHOUT</b> Multivista				
Activity	Time	Labor	Material	Total
Supervision	1.5	\$126	\$0	\$126
Destructive Testing	2.0	\$76	\$0	\$76
Repair	8.0	\$565	\$27	\$592
Total	11.5	\$767	\$27	\$794
Crash Rail <b>WITH</b> Multivista				
Activity	Time	Labor	Material	Total
Supervision	0.5	\$42	\$0	\$42
Demolition	0.0	\$0	\$0	\$0
Repair	0.0	\$0	\$0	\$0
Total	0.5	\$42	\$0	\$42
Savings Using Multivista				
Activity	Time	Labor	Material	Total
Supervision	1.0	\$84	\$0	\$84
Destructive Testing	2.0	\$76	\$0	\$76
Repair	8.0	\$565	\$27	\$592
Total	11.0	\$725	\$27	\$752
<b>*Total Savings = 94.71%</b>				



Multivista's MEP Exact-Built® shoot captured just-in-time documentation of this hallway at specific milestones of construction.



Using Multivista's secure, online portal, the client was able to track the progression of the wall build-out to verify the location of all in-wall systems in this hallway. This allowed the contractor to confidently and properly install necessary railings.

## 94% SAVINGS

In this case Multivista saved more than 11 work hours and nearly \$800!