

Mezzanine Inspection Report (Scoping)

Date: 12/19/2014	Station Name: G05 Largo Town Center	Mezzanine #: 111	Completed By: Mike Butler
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Summary

Pull string installation was completed in power duct between Kiosk, Handhole 1, Handhole 2, Handhole 3 and AFC Panel. Video scoping or visual inspection was also completed in power duct between Kiosk, Handhole 1, Handhole 2, Handhole 3 and AFC Panel; duct is in good condition and not at capacity.

Pull string installation could not be completed for communication duct in faregate array because duct was at capacity as a result of multiple wires feeding the 12 faregates. The partial scoping video shows that there is wire congestion within the duct. Video scoping was completed for the power duct in the faregate array.

Scanning was not needed at this mezzanine.

Scoping of Faregate Array(s)

Task	Yes/No	Notes
Communications Duct –Faregate Array (12 gates)		
Was video scoping completed for the entire duct run?	Partially	Refer to "WMATA Largo Town Center 3inch Comm Faregate.avi"
Were pull strings installed at all faregates in the array?	No	
Were there any obstructions or blockages? Provide details of type and specific location.	Yes	Wire congestion due to multiple wires.
Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires.	Yes	3" and 6" ducts with more than 20 wires.
Power Duct - Faregate Array (12 gates)		
Was video scoping completed for the entire duct run?	Yes	Refer to "WMATA Largo Town Center 6inch Power Faregate Duct.avi"
Were there any obstructions or blockages? Provide details of type and specific location.	No	
Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires.	No	6" with approximately 10 wires.


Scoping of Power Duct - Kiosk to AFC Panel		
Task	Yes/No	Notes
Kiosk to Handhole 1 (Distance=60')		
Was video scoping completed for the entire duct / conduit run?	Yes	Refer to "WMATA Largo Town Center 6inch Power Kiosk to HH1.avi"
Was pull string installed?	Yes	
Were there any obstructions or blockages? Provide details of type and specific location.	No	
Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires.	No	6" duct, approximately 10 wires
Handhole 1 to Handhole 2 (Distance=8')		
Was video scoping completed for the entire duct / conduit run?	No	This run is a short duct span and all wiring was visible to the bare eye.
Was pull string installed?	Yes	
Were there any obstructions or blockages? Provide details of type and specific location.	No	
Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires.	No	6" duct, approximately 10 wires
Handhole 2 to Handhole 3 (Distance=8')		
Was video scoping completed for the entire duct / conduit run?	No	This run is a short duct span and all wiring was visible to the bare eye.
Was pull string installed?	Yes	
Were there any obstructions or blockages? Provide details of type and specific location.	No	
Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires.	No	6" duct, approximately 10 wires
Handhole 3 to AFC Panel (Distance=3')		
Was video scoping completed for the entire duct / conduit run?	No	This run is a short duct span and all wiring was visible to the bare eye.
Was pull string installed?	Yes	
Were there any obstructions or blockages? Provide details of type and specific location.	No	
Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires.	No	6" duct, approximately 10 wires
Observations / Issues / Next Steps		
Total power duct run from Kiosk to AFC Panel is 79'. Refer to attached photos for details of existing duct run.		
Existing AFC Installation Plan not available for this mezzanine.		
Sign Off		
	GFP Representative	WMATA PRGM
Name:	Mike Butler	
Signature:		
Date:	02/04/2015	

Photo #1: Existing Duct Run from Kiosk to AFC Panel

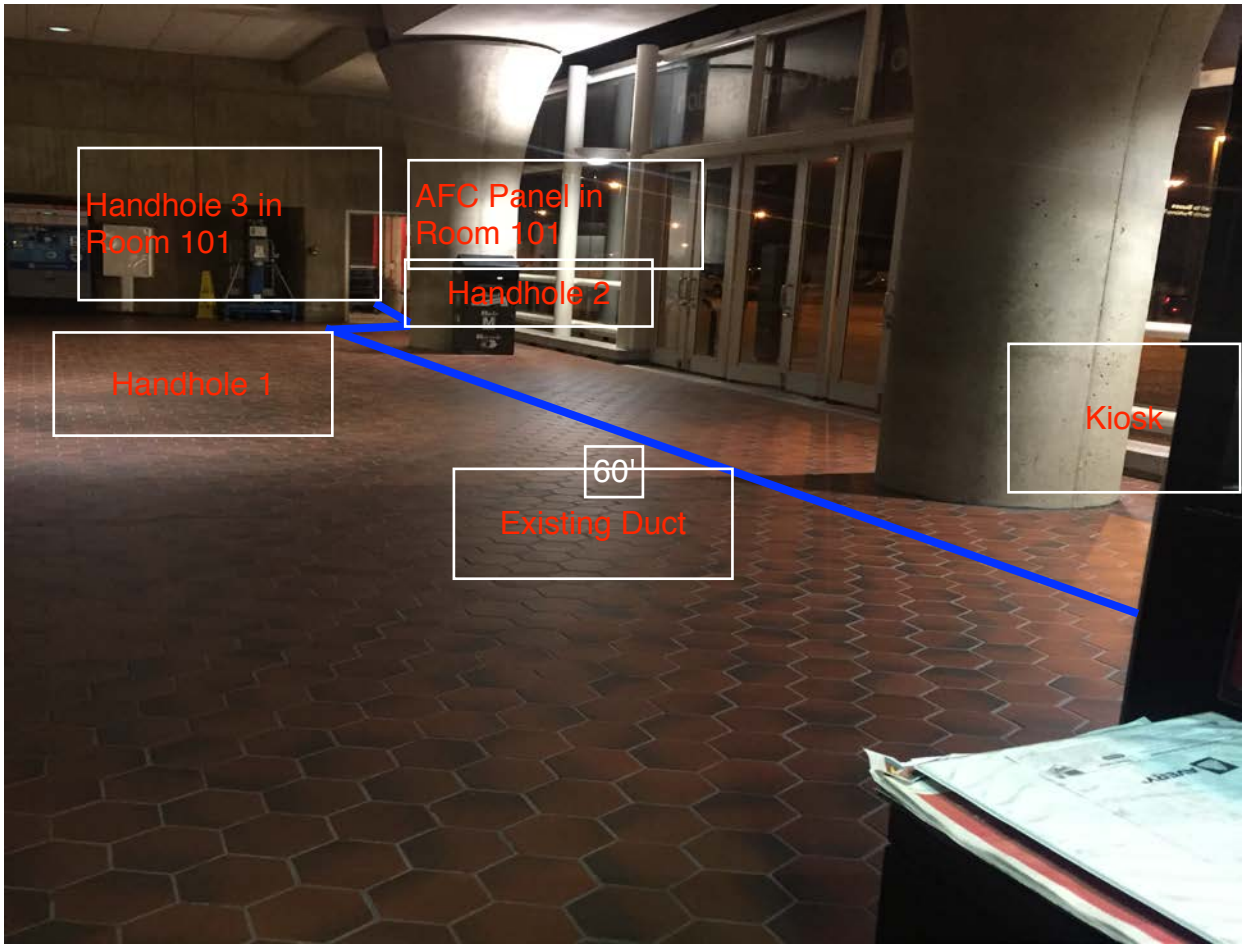
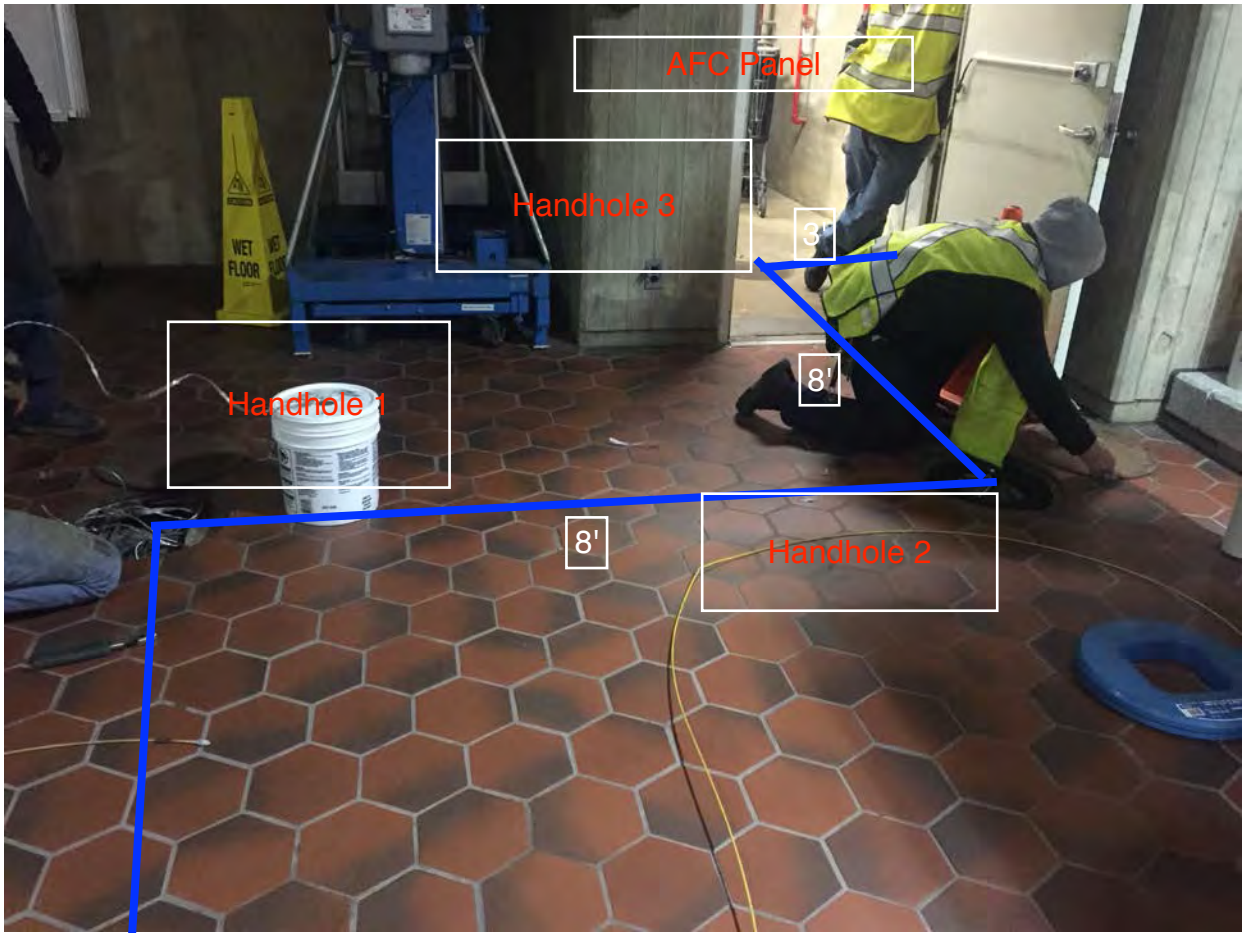


Photo #2: Existing duct run from Handhole 3 to AFC panel (Room 101)



Photo #3: Existing duct run (3 handholes)



Mezzanine Inspection Report (Scoping)

Date: 11/26/2014	Station Name: J02 Van Dorn Street	Mezzanine #: 094	Completed By: Balkis Hassane
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Summary

All scoping and pull string installations were completed for this station as per the scope of work. The communication and power ducts in the faregate array are in good condition and not at capacity. The power duct runs from the kiosk to handhole 1 and from handhole 1 to the AFC panel were in good condition and not at capacity.

No scanning is required at this mezzanine.

Scoping of Faregate Array(s)

Task	Yes/No	Notes
Communications Duct – Faregate Array (7 Gates)		
Was video scoping completed for the entire duct run?	Yes	Refer to WMATA Van Dorn Station 6inch Comm Kiosk to First H.H. Duct.avi, WMATA Van Dorn Station 6inch Comm H.H. to Fairgates Duct.avi, and WMATA Van Dorn Station 3inch Comm H.H. to Fairgates Duct.avi files.
Were pull strings installed at all faregates in the array?	Yes	
Were there any obstructions or blockages? Provide details of type and specific location.	No	Minor dust and debris
Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires.	No	6" duct is empty
Power Duct - Faregate Array (7 Gates)		
Was video scoping completed for the entire duct run?	Yes	Refer to WMATA Van Dorn Station Power Kiosk to Fairgates Duct.avi file.
Were there any obstructions or blockages? Provide details of type and specific location.	No	
Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires.	No	6" duct less than 5 wires


Scoping of Power Duct - Kiosk to AFC Panel		
Task	Yes/No	Notes
Kiosk to Handhole 1 (40' run)		
Was video scoping completed for the entire duct / conduit run?	Yes	Refer to WMATA Van Dorn Station Power Kiosk to H.H. Duct.avi file.
Was pull string installed?	Yes	
Were there any obstructions or blockages? Provide details of type and specific location.	No	
Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires.	No	
Handhole 1 to AFC Panel (5' run)		
Was video scoping completed for the entire duct / conduit run?	No	Duct run between handhole and 90 degree bend less than 3 feet.
Was pull string installed?	Yes	
Were there any obstructions or blockages? Provide details of type and specific location.	No	
Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires.	No	
Observations / Issues / Next Steps		
AFC panel is on the other side of the wall next to handhole 1. Walker duct has a 90 degree bend up to AFC panel.		
Sign Off		
	GFP Representative	WMATA PRGM
Name:	Balkis Hassane	
Signature:		
Date:	11/26/14	

Photo #1 – J02 Van Dorn Street: Handhole 1 on mezzanine floor

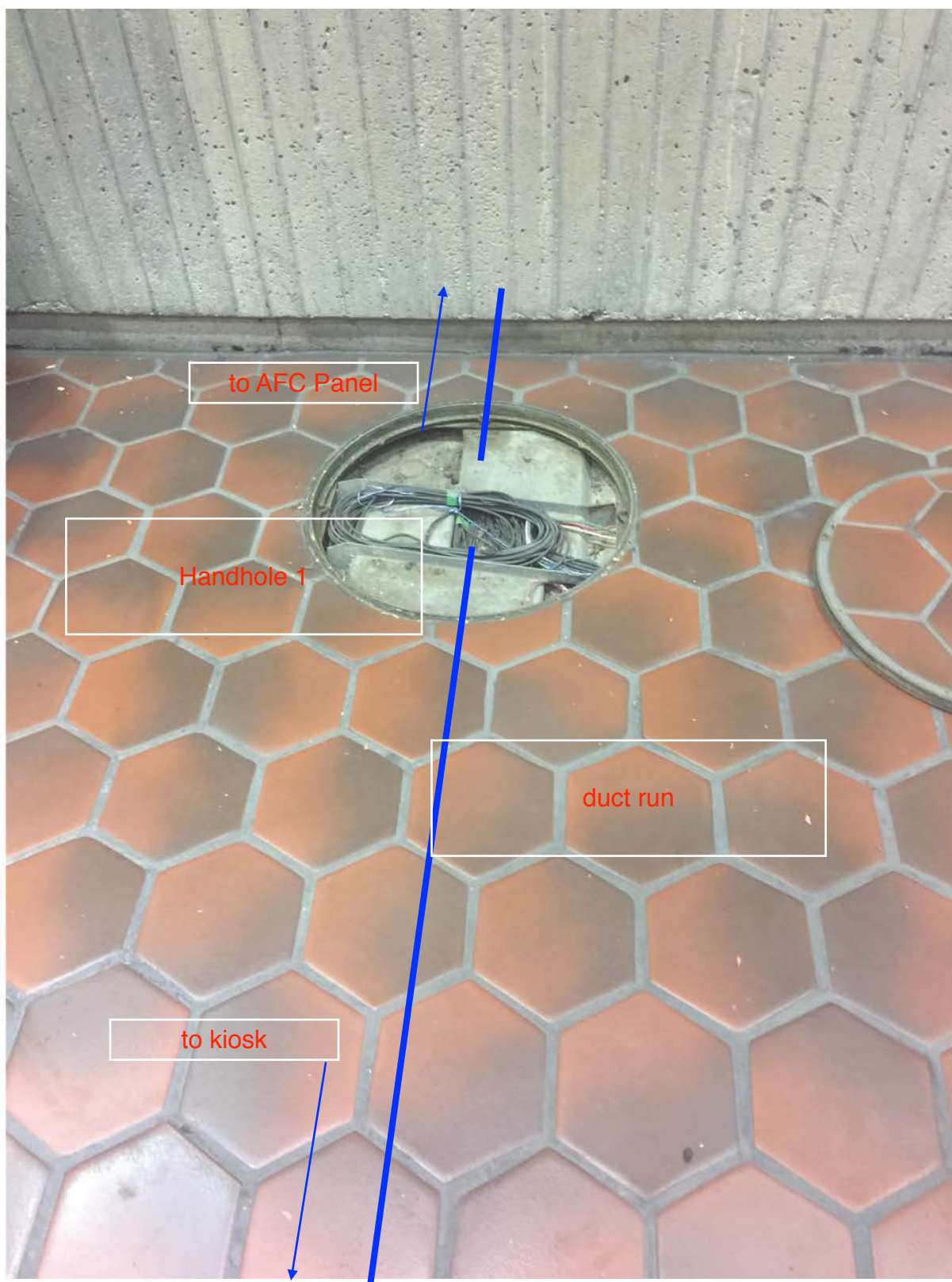
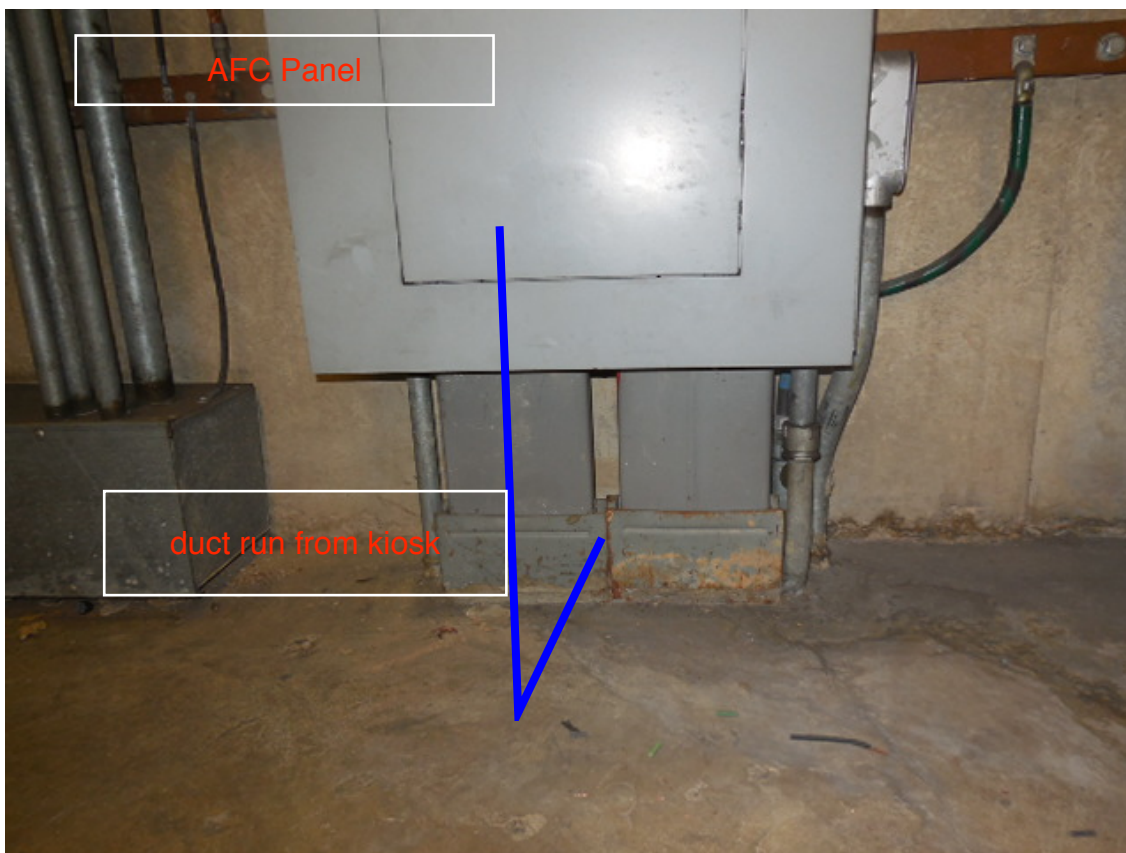


Photo #2 – J02 Van Dorn Street: AFC Panel

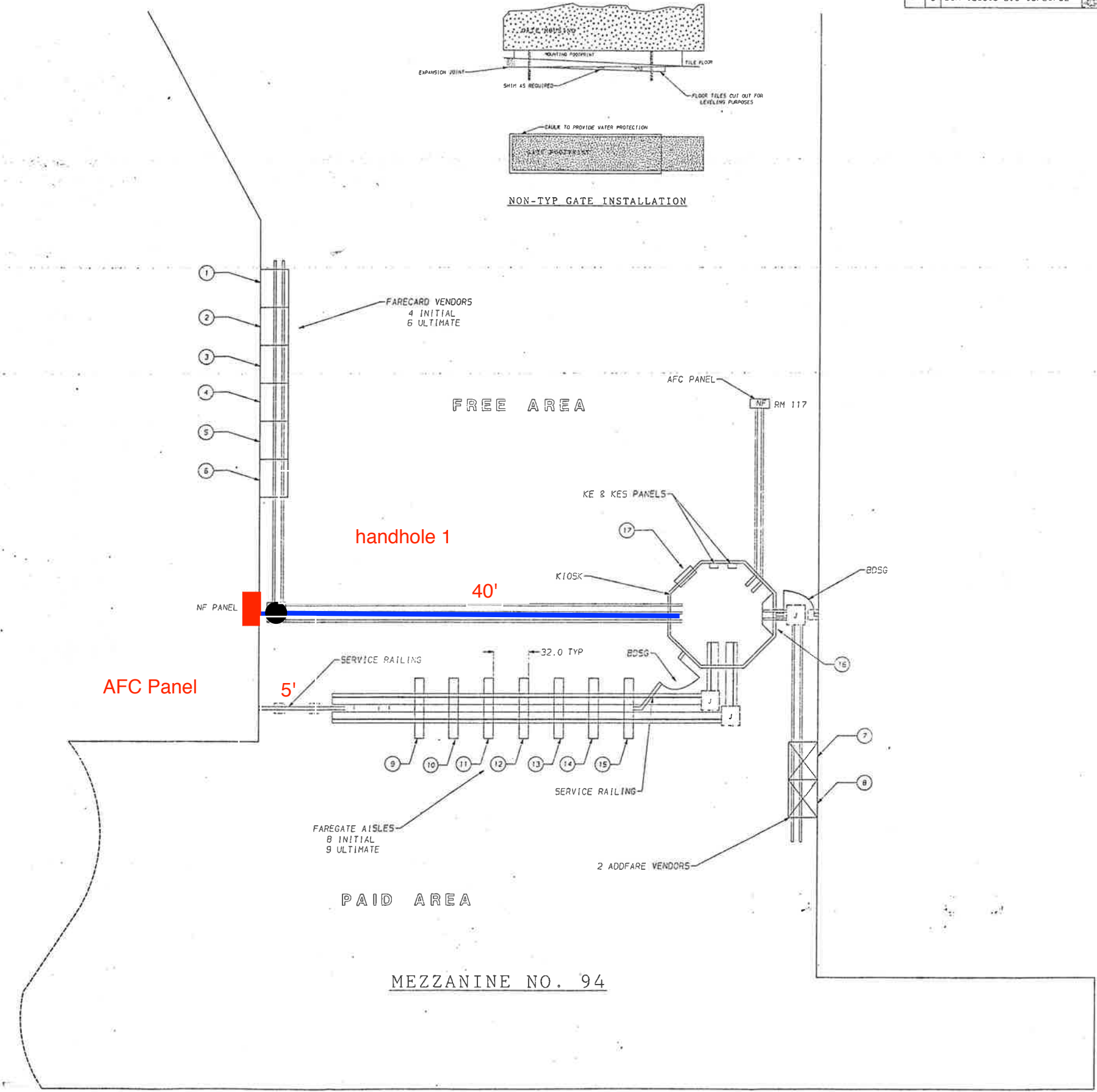


NOTES:

1. FOR VENDOR AND ADDFARE INSTALLATION SEE 931-4002.
2. FOR SMADS INSTALLATION SEE 931-4001.
3. FOR ENTRY, EXIT AND REVERSIBLE GATE INSTALLATION SEE 931-4003.
4. FOR BI-DIRECTIONAL SERVICE GATE INSTALLATION SEE 931-4005.
5. FOR A TYPICAL MEZZANINE INSTALLATION SEE 931-4000.
6. CIRCUIT BREAKERS WITH COMMON NEUTRAL, 1,3 & 5; 7,9 & 11; 22 & 24; 15,16 & 18; 10,12 & 14.

REVISIONS			
EDUC REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	01/10/92	R. WHITE
B	DCN 028905 BJC 03/20/92		

ITEM	NAME	S/N	PANEL AFC	1/35 BREAKER
1	VENDOR	FUTURE	NF	1
2	VENDOR	FUTURE	NF	3
3	VENDOR	1855	NF	5
4	VENDOR	1815	NF	7
5	VENDOR	1831	NF	9
6	VENDOR	1807	NF	11
7	ADDFARE	2806	NF	22
8	ADDFARE	2825	NF	24
9	ENTRY GATE	3921	NF	8
10	REV. GATE	7868	NF	10
11	REV. GATE	7872	NF	12
12	REV. GATE	7874	NF	14
13	REV. GATE	7882	NF	16
14	REV. GATE	7885	NF	18
15	EXIT GATE	4818	NF	N/A
16	SMADS	8815	KE	1
17	S. CLOCK	98984	KES	8
18	EMERGENCY LT		KE	4



<p>SEE SEPARATE PL WHEN ITEM NUMBERS ARE USED (REF DESIGNATOR MAY BE USED IN LIEU OF ITEM NUMBERS)</p> <p>NEXT ASSY:</p> <p>DO NOT SCALE DRAWING</p>	<p>UNLESS OTHERWISE SPECIFIED</p> <table border="1"> <tr> <th>SIZE</th> <th>TOLERANCES</th> </tr> <tr> <td>0.125 thru .125</td> <td>±.004 - .001</td> </tr> <tr> <td>.125 thru .250</td> <td>±.005 - .001</td> </tr> <tr> <td>.250 thru .500</td> <td>±.006 - .001</td> </tr> <tr> <td>.500 thru .750</td> <td>±.008 - .001</td> </tr> <tr> <td>.750 thru 1.000</td> <td>±.010 - .001</td> </tr> </table>	SIZE	TOLERANCES	0.125 thru .125	±.004 - .001	.125 thru .250	±.005 - .001	.250 thru .500	±.006 - .001	.500 thru .750	±.008 - .001	.750 thru 1.000	±.010 - .001	<p>UNLESS OTHERWISE SPECIFIED</p> <table border="1"> <tr> <th>TOLERANCES</th> <th>ANGULAR</th> </tr> <tr> <td>LINEAR</td> <td>±.001</td> </tr> <tr> <td>ANGULAR</td> <td>±0°30'</td> </tr> </table>	TOLERANCES	ANGULAR	LINEAR	±.001	ANGULAR	±0°30'	<p>DATE: 21 OCT 1996</p> <p>FILE NO: 931-4017</p> <p>FILE LOCATION: 931-4017</p> <p>APPROVAL:</p> <p>DESIGNER: R. WHITE</p> <p>CHECKER: R. WHITE</p> <p>SCALE: 1/35</p> <p>SHEET: 1 OF 1</p>	<p>CUBIC</p> <p>AUTOMATIC REVENUE COLLECTION SYSTEM - PROGRAM WESTERN DATA DIVISION</p> <p>TITLE: VAN DORN STATION MEZZANINE LAYOUT</p> <p>PROJECT NO: 931-4017</p> <p>SCALE: 1/35</p> <p>SHEET: 1 OF 1</p>
SIZE	TOLERANCES																					
0.125 thru .125	±.004 - .001																					
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.750 thru 1.000	±.010 - .001																					
TOLERANCES	ANGULAR																					
LINEAR	±.001																					
ANGULAR	±0°30'																					

Mezzanine Inspection Report (Scoping)

Date: 01/15/2015	Station Name: J03 Franconia-Springfield	Mezzanine #: 095	Completed By: Tino Sahoo
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Summary

Video scoping for the communications duct in the faregate array was partially completed. The scoping was done up to the 9th and 10th faregate before encountering grime and debris. Pull strings were successfully installed in the communications duct. The power duct in the faregate array was successfully scoped. Video scope and pull string installation was successfully completed between the kiosk and the AFC panel.

Scanning is not required at this mezzanine

Scoping of Faregate Array(s)

Task	Yes/No	Notes
Communications Duct –Faregate Array (12 Gates)		
Was video scoping completed for the entire duct run?	No	Refer to WMATA Franconia- Springfield 6inch Comm Duct.avi file.
Were pull strings installed at all faregates in the array?	Yes	
Were there any obstructions or blockages? Provide details of type and specific location.	Yes	Grime and debris between gates 9 and 10
Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires.	No	6" duct, less than 15 wires
Power Duct - Faregate Array (12 Gates)		
Was video scoping completed for the entire duct run?	Yes	Refer to WMATA Franconia Springfield 6 inch Power duct Fairgates.avi video file.
Were there any obstructions or blockages? Provide details of type and specific location.	No	Minor dust and debris
Is the duct at capacity? Provide additional details about the dimensions of ducts and number of wires.	No	6" duct, less than 15 wires


Scoping of Power Duct - Kiosk to AFC Panel		
Task	Yes/No	Notes
Kiosk to Electrical trough (125' run)		
Was video scoping completed for the entire duct / conduit run?	Yes	Refer to WMATA Franconia Springfield Power Feed AFC to Kiosk.avi video file.
Was pull string installed?	Yes	
Were there any obstructions or blockages? Provide details of type and specific location.	No	
Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires.	No	
Electrical trough to AFC Panel (5' run)		
Was video scoping completed for the entire duct / conduit run?	No	Wires run through trough into 1" conduit up to AFC panel
Was pull string installed?	Yes	
Were there any obstructions or blockages? Provide details of type and specific location.	No	
Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires.	No	
Observations / Issues / Next Steps		
<p>Total run from the kiosk to AFC panel is 130'.</p> <p>Existing AFC Installation Plan not available for this mezzanine.</p>		
Sign Off		
	GFP Representative	WMATA PRGM
Name:	Tino Sahoo	
Signature:		
Date:	01/15/2015	

Photo #1 – J03 Franconia-Springfield: Mezzanine floor duct run towards AFC panel



Photo #2 – J03 Franconia-Springfield: AFC panel



