Mezzanine Inspection Report (Scoping)						
Date: 01/08/2015	e: 01/08/2015 Station Name: D02 Smithsonian North Mezzanine #: 054 Completed By: Zach Fitzwater					
	Summary					
Summary Video scoping was completed for the communication and power ducts in the faregate arrays. Pull strings were successfully installed in the communication ducts for the faregate arrays. Video scoping was completed and pull string installed in the power duct between the Kiosk , Handhole 1, Handhole 2, Handhole 3 and the AFC Panel. Scanning is not required at this mezzanine.						
		Scoping o	of Faregate Array(s)			
	Task	Yes/No		Notes		
Communications Duo	ct – Upper Faregate Array (7 G	ates)				
Was video scoping co run?	ompleted for the entire duct	Yes	Refer to WMATA Smith	sonian North 6inch Upper Comm Videos.avi file.		
Were pull strings inst array?	alled at all faregates in the	Yes				
Were there any obstru details of type and sp	uctions or blockages? Provide ecific location.	No	Minor dust and debris			
	? Provide additional details of ducts and number of wires.	No	6" duct less than 10 wires			
Communications Duo	ct - Lower Faregate Array (7 G	ates)				
Was video scoping c run?	ompleted for the entire duct	Yes	Refer to WMATA Smith	sonian North 6inch Lower Comm Videos.avi file.		
Were pull strings inst array?	alled at all faregates in the	Yes				
Were there any obstru details of type and sp	uctions or blockages? Provide ecific location.	No	Minor dust and debris			
Is the duct at capacity about the dimensions	? Provide additional details of ducts and number of wires.	No	6" duct less than 10 wire	25		
Power Duct - Upper F	aregate Array (7 Gates)					
Was video scoping c run?	ompleted for the entire duct	Yes	Refer to WMATA Smithe Videos.avi file.	sonian North 6inch Upper Power to Kiosk		
Were there any obstru details of type and sp	uctions or blockages? Provide ecific location.	No	Minor dust and debris			
	? Provide additional details of ducts and number of wires.	No	6" duct less than 10 wires			
Power Duct - Lower Faregate Array (7 Gates)						
Was video scoping c run?	ompleted for the entire duct	Yes	Refer to WMATA Smith Videos.avi file.	sonian North 6inch Lower Power to Kiosk		
Were there any obstru details of type and sp	uctions or blockages? Provide ecific location.	No	Minor dust and debris			
	? Provide additional details of ducts and number of wires.	No	6" duct less than 10 wire	25		

Scoping of Power Duct - Kiosk to AFC Panel						
Task Yes/No			Notes			
Kiosk to Handhole 1 (5')		1				
Was video scoping completed for the entire duct conduit run?	Yes					
Was pull string installed?	Yes					
Were there any obstructions or blockages? Provid details of type and specific location.	e No	Minor dust and debris				
Is the duct / conduit at capacity? Provide additiona details about the dimensions of duct / conduit and number of wires.	l No	6" duct – inside the	wires congested at small handhole openings, but there is room ducts			
Handhole 1 to Handhole 2 (45')						
Was video scoping completed for the entire duct conduit run?	Yes	Tangle of wires at handhole 2 prevented last 1' of scope. Refer to WMATA Smithsonian North Power HH1 to HH2 Videos.avi file.				
Was pull string installed?	Yes					
Were there any obstructions or blockages? Provid details of type and specific location.	e No	Minor dus	Minor dust and debris			
Is the duct / conduit at capacity? Provide additiona details about the dimensions of duct / conduit and number of wires.	l No	6" duct – wires congested at small handhole openings, but there is room inside the ducts				
Handhole 2 to Handhole 3 (45')						
Was video scoping completed for the entire duct conduit run?	Yes	Tangle of wires at handhole 2 prevented last 1' of scope. Refer to WM Smithsonian North Power HH3 to HH2 to HH3 to AFC Videos.avi file.				
Was pull string installed?	Yes					
Were there any obstructions or blockages? Provid details of type and specific location.	e No	Minor dust and debris				
Is the duct / conduit at capacity? Provide additiona details about the dimensions of duct / conduit and number of wires.	l No	6" duct – wires congested at small handhole openings, but there is room inside the ducts				
Handhole 3 to AFC Panel (25')						
Was video scoping completed for the entire duct conduit run?	Yes	Refer to WMATA Smithsonian North Power HH3 to HH2 to HH3 to AFC Videos.avi file.				
Was pull string installed?	Yes					
Were there any obstructions or blockages? Provid details of type and specific location.	e No	Minor dust and debris				
Is the duct / conduit at capacity? Provide additiona details about the dimensions of duct / conduit and number of wires.	l No	6" duct – wires congested at small handhole openings, but there is room inside the ducts				
	Observation	ns / Issues	/ Next Steps			
Small handhole entries make wires crowded at ha unhindered. Total run from Kiosk to AFC panel = 120'	andholes, but th	nere is room	inside the duct for more wires and ducts are fairly clean and			
		01 011				
Sign Off						
GFP Represe	GFP Representative		WMATA PRGM			
Name: Zach Fitzwater	ne: Zach Fitzwater					
Signature:						
Date: 01/08/2015						

Photo #1 – D02 Smithsonian North: Kiosk to handhole 1

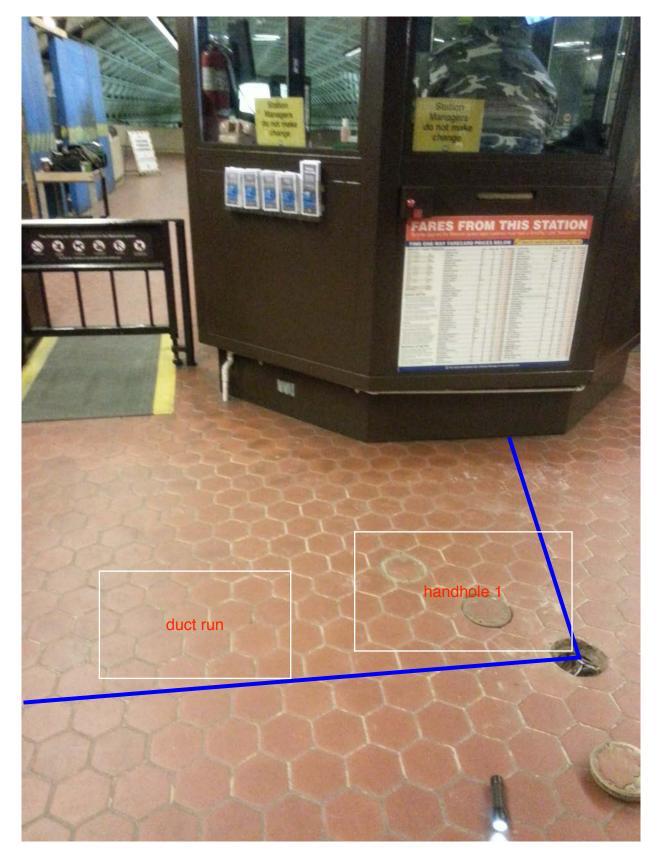


Photo #2 – D02 Smithsonian North: Handhole 1 to handhole 2

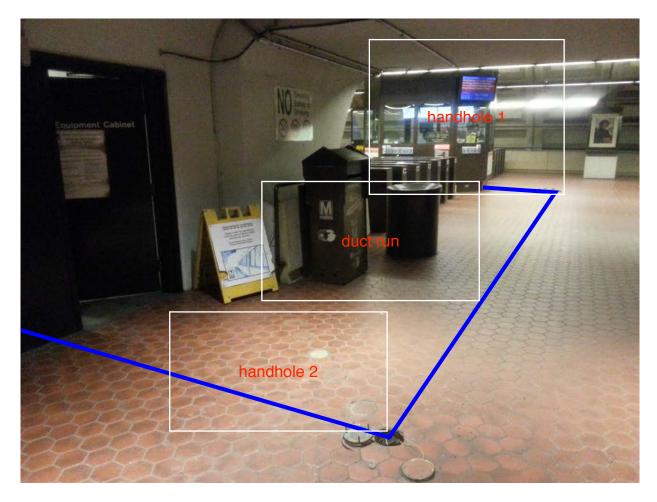


Photo #3 – D02 Smithsonian North: Handhole 2 to handhole 3

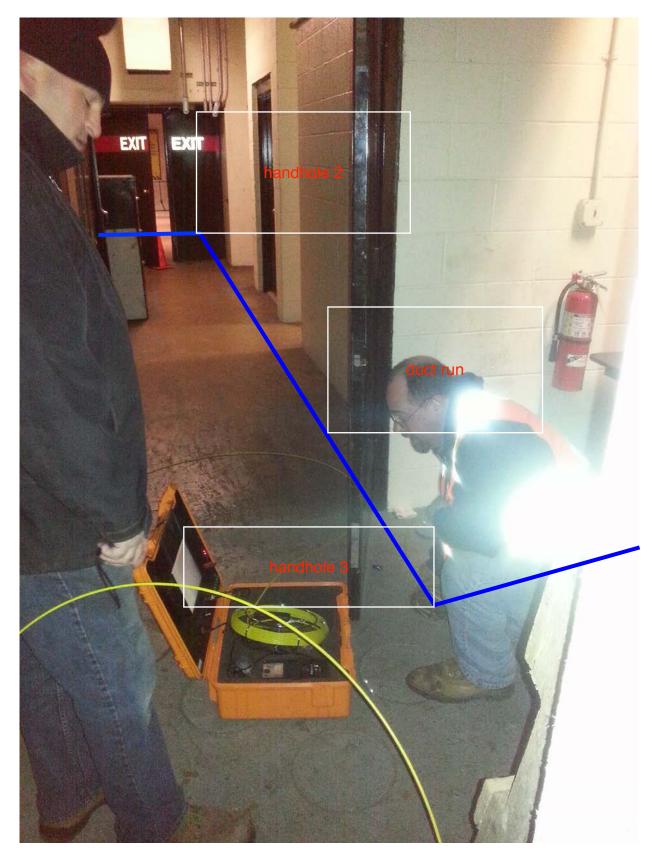
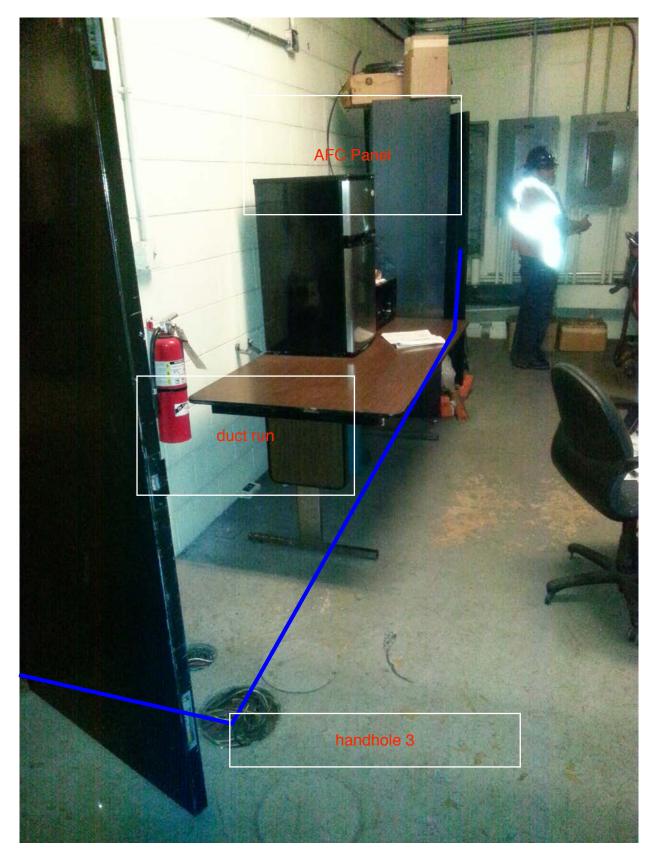


Photo #4 – D02 Smithsonian North: Handhole 3 to AFC panel



NOTES: ALL INFORMATION COULERNING DUCTS AND CONDUITS IS BASED AN INFORMATION SUPPLIED TO CUBIC WESTERN DATA BY BECKTEL. 6 ... TOTAL MACHINIG INVENTORY IS DEPILTED ON THIS DRAKING THE MINIMUM OPERATIONAL MACHINE INVENTORY IS REFERENCED ON PAL NES THIS DRAWING BY THE X DRAWNTHED THE MACHINE ;"" FOR AS BUILT CONDITIONS SEE SHEET 2. 4 DUCT FOR REFERENCE DEAWINGS USED SEE SUPPORT DILUMENTATION FACKAGE FOR THIS MEEZANING. #2 0007 MECH. EQUIP. 🗛 AFC Panel -VIEW "A"-"A" 25' handhole 2 ~ #20427 # ADUCTS handhole 3 ΠΠ DOCT 45 duct run E OUCT PEA (6 14K VENDOR ARRAY #ZDUCT ADDFARE ALRAY ADDFARE MACHINES EQUALLY 40.9 VENDOR MACHINES EQUALLY SPACED ON MEZZANINE & SPACED ON MEZZANING 2:0 C# 4DUCT Sta DUCT (9) SO CONTROL CARLE (69'0" CONTROL CARLE) (55-0 CONTROL MARLE)

4 DUCT ---

1.4

-1 INSTALLATION PLAN (AS BUILT CONDITION)

- 34

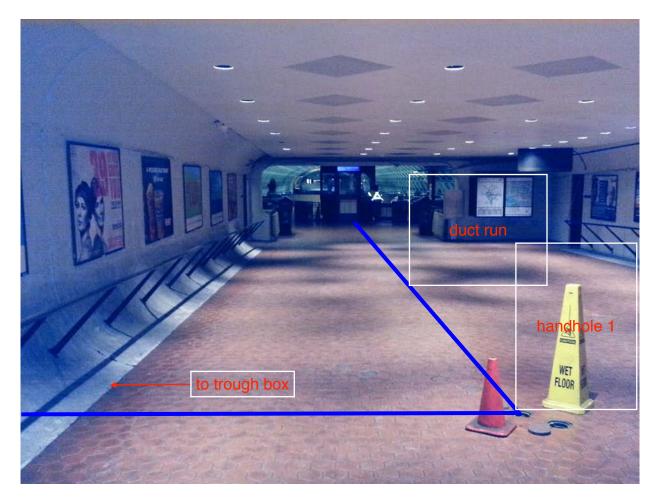
ATE ARRAY

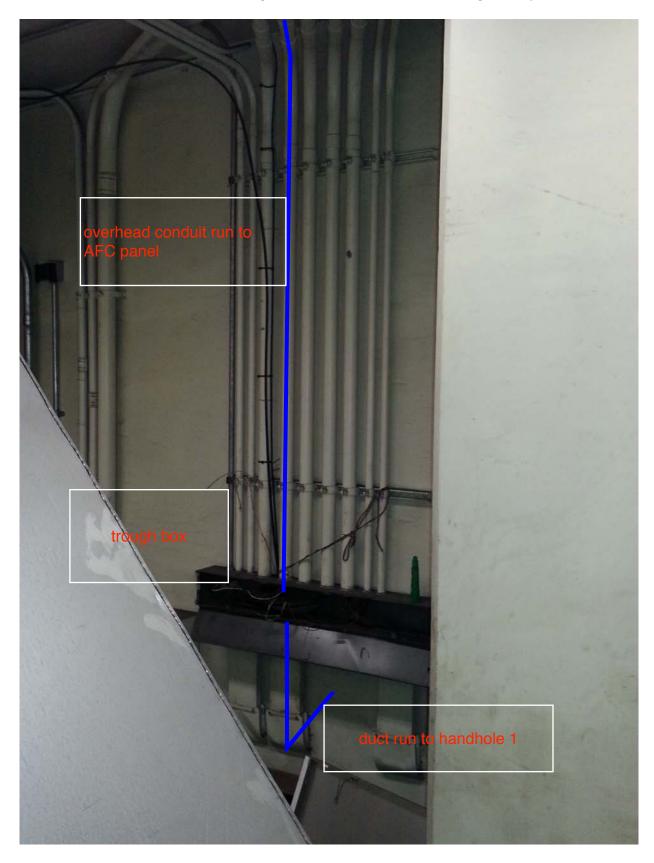
		REVISIO	Ns	1 0.00	1
	AS BUILT	DESCRIP	REFRENCE	DATE A 7-13-7	APVO
				1	1 Ab
					-
			÷		
			Ť		
				÷	
				-	
- an			a	24	
خصيف المسخ			**********************		- aparta
CONTRACT NU	MBER		C WESTE		TA
- 2200'	7A	5050 KEARNY WES	A subsidiary of Cubic Corpo ROAD + POST OFFICE BOX B	1787 + SAN DIEGO, CA &	2136
REL		SMITHSU	NIAN S NRTH MEE	TATION ZZANINI	E
ENGAG DESIGN CHECK			MACHINE	-3	
DRAWN " DESIGN ACTIVITY	APPROVAL S	SIZE	DRAW	O384	REV
APPROVE	U 8-5-76		726 -	0304	1 44 1

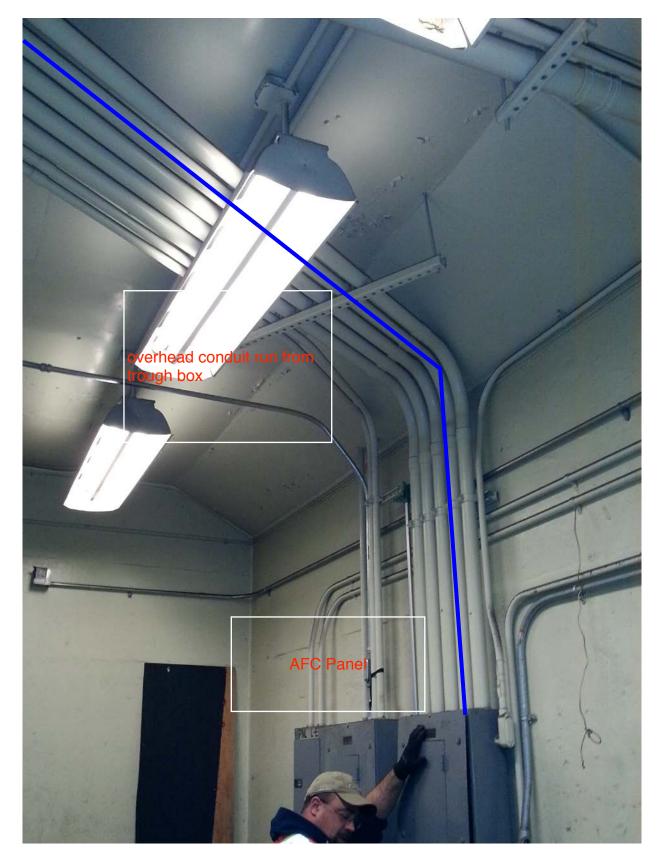
Mezzanine Inspection Report (Scoping)						
Date: 01/07/15	01/07/15 Station Name: D02 Smithsonian South Mezzanine #: 055 Completed By: Zach Fitzwater					
Summary						
Scoping and pull sting installation completed for all communication ducts for the faregate arrays. Video scoping completed for power ducts for faregate arrays and duct run from kiosk to trough box in Mechanical Equipment Room #214. Pull string was already installed in power duct from kiosk to handhole 1, and from handhole 1 to the trough box. Pull string was installed in overhead conduit run from trough box to AFC Panel. Scanning is not required at this mezzanine.						
		Scoping o	of Faregate Array(s)			
	Task	Yes/No		Notes		
Communications Duc	ct – Upper Faregate Array (5 G	ates)				
Was video scoping co run?	ompleted for the entire duct	Yes	Refer to WMATA Smiths	sonian South 6inch Upper Comm Video.avi file.		
Were pull strings insta array?	alled at all faregates in the	Yes				
Were there any obstru details of type and spo	uctions or blockages? Provide ecific location.	No	Minor dust and debris			
	? Provide additional details of ducts and number of wires.	No	6" duct less than 10 wire	25		
Communications Duc	ct - Lower Faregate Array (5 G	ates)				
Was video scoping c run?	ompleted for the entire duct	Yes		sonian South 3inch Lower Comm Video.avi and outh 6inch Lower Comm Video.avi files.		
Were pull strings insta array?	alled at all faregates in the	Yes				
Were there any obstru details of type and spe	uctions or blockages? Provide ecific location.	No	Minor dust and debris			
	? Provide additional details of ducts and number of wires.	No	6" duct less than 10 wire	25		
	aregate Array (5 Gates)		ſ			
Was video scoping c run?	ompleted for the entire duct	Yes	Refer to WMATA Smiths	sonian South 6inch Upper Power Video.avi file.		
Were there any obstru details of type and spo	uctions or blockages? Provide ecific location.	No	Minor dust			
	? Provide additional details of ducts and number of wires.	No	6" duct less than 10 wires			
Power Duct - Lower Faregate Array (5 Gates)						
Was video scoping c run?	ompleted for the entire duct	Yes	Refer to WMATA Smiths	sonian South 6inch Lower Power Video.avi file.		
Were there any obstru details of type and spe	uctions or blockages? Provide ecific location.	No	Minor dust and debris			
	? Provide additional details of ducts and number of wires.	No	3" duct less than 10 wire	25		

Scoping of Power Duct - Kiosk to AFC Panel						
Task Yes/No			Notes			
Kiosk to Handhole 1 (90 foot run)						
Was video scoping completed for the entire duct / conduit run?	Yes	Refer to WMATA Smithsonian South 6inch Power Handhole to Kiosk Video.avi file.				
Was pull string installed?	Yes Pull string already installed in run					
Were there any obstructions or blockages? Provide details of type and specific location.	No	Minor dust				
Is the duct / conduit at capacity? Provide additional details about the dimensions of duct / conduit and number of wires.	No	6" duct les	s than 10 wires			
Handhole 1 to Trough box (20 foot run)						
Was video scoping completed for the entire duct / conduit run?	Yes Refer to WMATA Smithsonian South 6inch Power Handhole to Trough Video.avi file.					
Was pull string installed?		Pull string	already installed in run			
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 less than 10 wires				
Trough box to AFC Panel (40 foot run)	-					
Was video scoping completed for the entire duct / conduit run?	No	Conduit – scoping not required				
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	2" conduit less than 10 wires				
Observations / Issues / Next Steps						
Total run from Kiosk to AFC Panel is 150 feet.						
Sign Off						
GFP Representative WMATA PRGM						
Name: Zach Fitzwater	Zach Fitzwater					
Signature:	1th J = forten					
Date: 01/07/15						

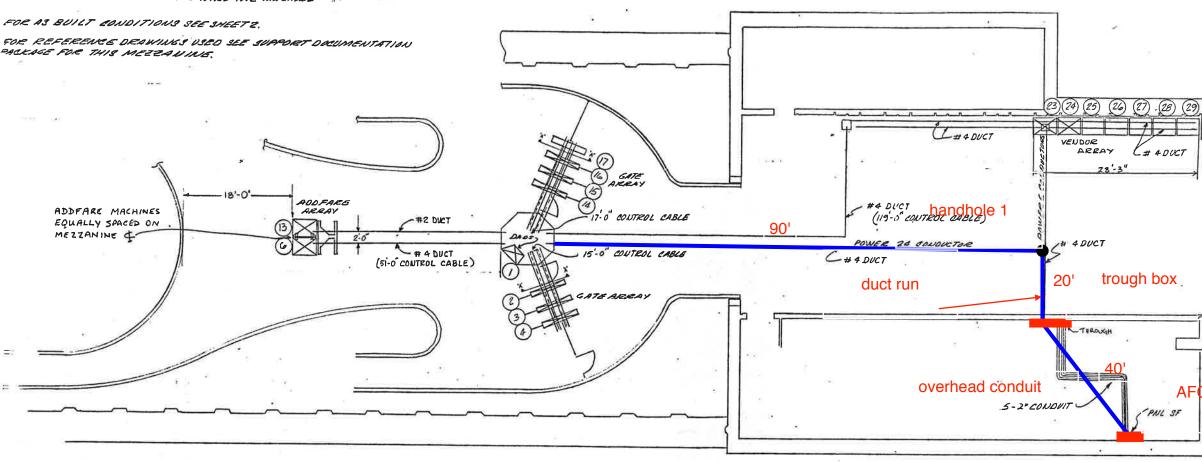
Photo #1 – D02 Smithsonian South: Kiosk to Handhole 1











- 2 INSTALLATION PLAN (AS BUILT CONDITION)

REFERENCE DRAWINGS USED REF. SK" SK= 770, 779 WMATA WMATA REF. DWG + N65 98 CWD REFDWG + 926-0319 926-0329 OWD REF DWG SH 344 DDTC 26#27

REVISIONS DESCRIPTION DATE APVO 4B AS. BUILT DRAWING REVISION A 7-13-77 # 4 DUCT # 2 DVC7 VIEW "A-"A" Pane ç., (*) - NA MARTON ANTRO هيصحصيد فيماجعه فبالمحاص والمعادين وأبراك حصاد وأبارك فليتحص والمحاصية والمعادية والمعادية CONTRACT NUMBER CUBIC WESTERN DATA A subsidiary of Cubic Corporation 3 5850 KEARNY MEBA ROAD + POST OFFICE BOX 80787 + SAN DIEGO. CA 92138 22007A SMITHSONIAN STATION SOUTH MEZZANINE AFC MACHINES Participa - 19 DRAWING NUMBER DESIGN ACTIVITY APPROVAL Juli D. Powell R.S. 71 926-0384 5 APPROVED inte 1/12/26 SHEET 2 OF 2 SCALE/4" = "O"