

## Project Order Modification (P.O.M.) #03 for Project Order 91

PROJECT NAME: U010C - MIA Airside Operation Break Room	PROJECT ORDER No: 91
CONTRACT TITLE: Miscellaneous Construction Contracts, MCC-8-10	DATE: 01/29/2021
CONTRACTOR: MCM Corporation	PAGES: 24

The contractor is hereby authorized to make the following changes to the current contract and perform the work subject to all contract stipulations and covenants. Except as otherwise specifically set forth herein, the terms and conditions for the Project Order remain unchanged.

**AMOUNT:** \$ 0.00

**DESCRIPTION OF WORK:** This is an excusable non-compensable Project Order Modification (POM) extending the contract time to completion by an additional 464 calendar days.

**REASON FOR CHANGE:** COUNTY REQUESTED CHANGE / UNFORESEEABLE CHANGE

**JUSTIFICATION:** Several unforeseen conditions


MCM and its subcontractors agree to make no claim for damages for delay on account of this Project Order Modification whether occasioned by any act or omission of the OWNER or any of its representatives (whether it is an Excusable Delay or otherwise) and MCM agrees that any such claim shall be compensated solely by a non-compensable excusable delay of time to complete performance of the Work.

### SUMMARY OF PROJECT ORDER (P.O.) AMOUNT

<b>REASON FOR CHANGE:</b>	<b>ORIGINAL P.O. AMOUNT</b>		<b>\$ 364,090.17</b>
Regulatory Change	COST OF CONSTRUCTION CHANGES PREVIOUSLY ORDERED (POM#1 & 2)		\$ 114,713.03
Other Agency Requested Change	ADJUSTED P.O. AMOUNT PRIOR TO THIS P.O.M.		\$ 478,803.20
Design Errors Change	COST OF CONSTRUCTION CHANGES THIS P.O.M.		\$ 0.00
Design Omission Change	ADJUSTED P.O. AMOUNT INCLUDING THIS P. O. M.		\$ 478,803.20
County Requested Change			
Unforeseeable Change	PERCENT INCREASE, THIS P.O. M.		<u>0.00 %</u>
Other			

**EXTENSION OF TIME ALLOWED BY THIS CHANGE** 464 CALENDAR DAYS TO 05/28/2021


A/E CERTIFYING STATEMENT: I hereby certify that the supporting cost data included is, in my considered opinion, accurate; that the prices quoted are fair and reasonable and in proper ratio to the cost of the original work contracted for under benefit competitive bidding.


By:  2/1/21  
 ACCEPTED: GENERAL CONTRACTOR DATE  
 PRINT NAME: Juan Munilla

By:  2/2/2021  
 APPROVED: PROJECT CONSULTANT DATE  
 PRINT NAME: Jacek Schindler (Schindler Architects)

By:  2/5/21  
 APPROVED: MDAD PROJECT MANAGER DATE  
 PRINT NAME: Sergio Negreira

By:  2/10/21  
 APPROVED: CONSULTING ENGINEER (HNTB) DATE  
 PRINT NAME: Pedro Gordo

By:  2-11-20  
 APPROVED: MDAD CHIEF OF CONSTRUCTION DATE  
 PRINT NAME: Enrique Perez

By:  2-11-21  
 APPROVED: MDAD AST. DIRECTOR OF FAC. DEV. DATE  
 PRINT NAME: Pedro F. Hernández, P.E.

By:  2/1/21  
 APPROVED: MDAD CHIEF FINANCIAL OFFICER DATE  
 PRINT NAME: Sergio San Miguel

Digitally signed by Sergio San Miguel  
 DN: cn=Sergio San Miguel, o=MDAD,  
 ou=Finance, email=ssanmiguel@miami-airport.com, c=US  
 Date: 2021.02.16 08:46:51 -0500



# Purchase Order

## AVIATION DEPARTMENT

4200 NW 36TH Street  
Miami FL 33102  
United States

**Supplier:** 0000016621  
MUNILLA CONSTRUCTION MANAGEMENT, LLC  
MCM LOCK BOX ACCOUNT  
P.O. BOX 829931  
PHILADELPHIA PA 19182

### CHANGE ORDER

### Dispatch via Print

<b>Purchase Order</b>	<b>Date</b>	<b>Revision</b>	<b>Page</b>
AVIAT-1000017644	08/09/2019	5 - 02/02/2021	1
<b>Payment Terms</b>	<b>Freight Terms</b>	<b>Ship Via</b>	
N30	Destination	Common	
<b>Buyer</b>	<b>Phone</b>	<b>Carrier</b>	
Maria Najera-Matos -MDAD		Carrier	
<b>Ship To:</b>	<b>Currency</b>		

1C30401C  
Warehouse Bldg 3040  
4331 NW 22nd Street  
Miami FL 33122  
United States

**Attention:** Not Specified

**Bill To:** Accounts Payable  
P.O. Box 526624  
MIAMI FL 33152-6624  
United States

**Tax Exempt?** Y **Tax Exempt ID:** 59-6000573

**Replenishment Option:** Standard

Line-Sch	Item/Description	Mfg ID	Quantity	UOM	PO Price	Extended Amt	Due Date
1- 1	PO 91, POM 1-3, U010C MIA AIRSIDE OPERATION BREAK ROOM PO 91 - \$364,090.17; POM 1-3 = \$114,713.03		1.00	EA	478,803.20	478,803.20	08/09/2019

Contract ID: MCC-8-10

Contract Line: 6 Category Line: 0 Release: 268

**Item Total** 478,803.20

**Total PO Amount** 478,803.20

**Note:** All Chemical and hazardous material orders must be delivered with a copy of the most recent available MSDS for the product. Failure to do so, may result in the refusal of acceptance of the material or product.

**Authorized Signature**  
**Vivian R. Gonzalez**

Digitally signed by Vivian R. Gonzalez  
DN: cn=Vivian R. Gonzalez, o=MDAD, ou=Program  
Controls, email=vgonzalez@miami-airport.com, c=US  
Date: 2021.02.02 16:29:40 -05'00'

Activity ID	Activity Name	Start	Finish	At Completion Duration	Duration % Complete	Total Float	2021															
							Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
<b>Total</b>		23-Sep-19 A	28-May-21	614	80.78%	-464																
<b>MIA - AIRSIDE BREAK ROOM - REBASELINE SCHEDULE JAN 2021</b>		23-Sep-19 A	28-May-21	614	80.78%	-464																
<b>GENERAL CONDITIONS</b>		23-Sep-19 A	28-May-21	614	53.73%	-464																
GC 100	NTP (Sept-23-19)	23-Sep-19 A		0	100%																	
GC 120	NTP thru Project Final Completion (150 CD)	23-Sep-19 A	28-May-21	614	21.33%	-464																
GC 140	Project Management & Allowance (NTP thru Substantial Completion)	23-Sep-19 A	26-Apr-21	582	39.01%	-464																
GC 105	Pre-Cons POD	23-Sep-19 A		0	100%																	
GC 110	Safety Manuals	23-Sep-19 A	28-Oct-19 A	35	100%																	
GC 130	Badges	23-Sep-19 A	28-Oct-19 A	35	100%																	
<b>SCOPE OF WORK DELETED</b>		09-Oct-19 A	03-Jun-20 A	239	100%																	
<b>SCHEDULE IMPACTS</b>		24-Oct-19 A	21-Feb-21	487	95.48%	-368																
<b>RFI #001 - ELECTRICAL WALK</b>		28-Oct-19 A	07-Feb-20 A	102	100%																	
SI 110	RFI # 001- Electrical Walk	28-Oct-19 A	07-Feb-20 A	102	100%																	
<b>RFI #002 - REMOVAL OF BATHROOM CHASE WALL</b>		24-Oct-19 A	15-Nov-19 A	22	100%																	
SI 100	Removal of existing CMU Wall - Bathroom Chase Wall	24-Oct-19 A	15-Nov-19 A	22	100%																	
<b>RFI #003 - RESTROOM TO BREAKROOM CMU</b>		28-Oct-19 A	20-Jan-20 A	84	100%																	
SI 120	RFI # 003-Restroom to Breakroom CMU	28-Oct-19 A	20-Jan-20 A	84	100%																	
<b>RFI #012 - 2" EXISTING WATER SERVICE PIPE IN BAD CONDITION</b>		10-Dec-19 A	15-Jan-20 A	36	100%																	
SI 125	RFI # 012- 2" Existing Water Service Pipe in Bad Condition	10-Dec-19 A	15-Jan-20 A	36	100%																	
<b>RFI #020: Electrical Details</b>		12-Mar-20 A	15-Apr-20 A	35	100%																	
SI 239	RFI #020: Electrical Details	12-Mar-20 A	15-Apr-20 A	35	100%																	
<b>RFI #017 - REPLACE EXISTING 2" WATER SERVICE PIPE</b>		07-Jan-20 A	24-Mar-20 A	78	100%																	
SI 130	RFI # 17 - Replace Existing 2" Water Service Pipe	07-Jan-20 A	10-Jan-20 A	4	100%																	
<b>RWP #2 - NEW DRAINAGE PIPING AND NEW VALVE</b>		13-Jan-20 A	04-Mar-20 A	37	100%																	
SI 140	Prepare CO #1 & CO #2 - New 4" Service Weight Drainline and Repair Brok	13-Jan-20 A	15-Jan-20 A	3	100%																	
SI 150	Approve CO #1 & CO #2 - New 4" Service Weight Drainline and Repair Bro	16-Jan-20 A	27-Jan-20 A	7	100%																	
SI 160	Replace Drainline / PVC Underground Pipe	28-Jan-20 A	04-Mar-20 A	26	100%																	
<b>RWP #7 - CONCRETE FOR SLAB ON GRADE</b>		05-Mar-20 A	24-Mar-20 A	20	100%																	
SI 185	ISSUE: Pending RWP #7 Approval of Concrete Pour at Bathroom	05-Mar-20 A	24-Mar-20 A	20	100%																	
<b>ENGINEER FAILED TO ATTEND WALKTHROUGH / COORDINATION MEETING</b>		20-Feb-20 A	10-Mar-20 A	20	100%																	
SI 180	ENGINEER FAILED TO ATTEND 2 SCHEDULED WALKTHROUGH FOR P	20-Feb-20 A	10-Mar-20 A	20	100%																	
<b>RWP #4 - NEW DUCTWORK AND DEVICES</b>		18-Feb-20 A	29-Mar-20 A	41	100%																	
SI 190	ISSUE: RFI # 019: New Duct Pass Through North Restroom Wall Conflict	18-Feb-20 A	16-Mar-20 A	27	100%																	
SI 200	Install New Ductwork and Devices	23-Mar-20 A	29-Mar-20 A	7	100%																	
<b>RWP #6 - COLLAPSED FIBER DUCT</b>		28-Feb-20 A	22-May-20 A	84	100%																	
SI 195	ISSUE: Existing Fire Duct Collapse	28-Feb-20 A	16-Mar-20 A	18	100%																	
SI 196	ISSUE : Approval of RWP #6	16-Mar-20 A	16-Mar-20 A	1	100%																	
SI 215	Fab/ Deliver Insulation	18-Mar-20 A	20-Mar-20 A	3	100%																	
SI 225	Repair/ Install Fire Duct Insulation	24-Mar-20 A	22-May-20 A	59	100%																	
<b>RWP #5 - NEW FIRE DAMPERS</b>		28-Feb-20 A	08-Apr-20 A	40	100%																	
SI 155	ISSUE: FIRE DAMPERS	28-Feb-20 A	16-Mar-20 A	18	100%																	
SI 205	Approval of RWP #5- New Fire Dampers	16-Mar-20 A	16-Mar-20 A	1	100%																	
SI 210	Fab/ Delivery Fire Dampers	17-Mar-20 A	30-Mar-20 A	14	100%																	
SI 220	Install New Fire Dampers	01-Apr-20 A	08-Apr-20 A	7	100%																	
<b>COVID 19</b>		18-Mar-20 A	31-Jul-20 A	135	100%																	
SI 230	ISSUE: Due to Covid 19 and mandated Physical distancing, A minimum of wor	18-Mar-20 A	31-Jul-20 A	135	100%																	
SI 240	ISSUE: Aro Eldrich has not performed due to lack of PPE- Agreed to be back	06-Apr-20 A	27-Apr-20 A	21	100%																	
<b>DAMPERS AT BACKSIDE OF BATHROOM</b>		09-Apr-20 A	07-Feb-21	305	96.72%	-458																
SI 255	Additional Fire Dampers needed- Different sizes- Pending New RWP	09-Apr-20 A	07-Feb-21	305	96.72%	-458																
<b>RFI #021- OCCUPATION SENSORS FIRE ALARM CONNECTION</b>		15-Apr-20 A	21-Feb-21	313	92.97%	-467																
SI 241	RFI #021 / Approval of RWP #10 :Occupation Sensors Fire Alarm connection	15-Apr-20 A	07-Feb-21	299	95.45%	-467																
SI 251	New Scope: Install Fire Alarm Components	08-Feb-21	14-Feb-21	7	0%	-467																
SI 261	New Scope: Install Conduit and Low Voltage Wires	15-Feb-21	21-Feb-21	7	0%	-467																

- Remaining Level of Effort ◆ ◆ Milestone
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work

MIA - AIRSIDE BREAK ROOM - REBASELINE SCHEDULE JAN 2021  
MCM- REBASELINE Schedule



Activity ID	Activity Name	Start	Finish	At Completion Duration	Duration % Complete	Total Float	2021											
							Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
RFI #024: XFMR TRANSFORMER ACCESS OBSTRUCTION		08-May-20 A	01-Jun-20 A	24	100%													
SI 262	RFI #024: INSPECTION COMMENTS- XFMR TRANSFORMER ACCESS O	08-May-20 A	01-Jun-20 A	24	100%													
RWP #13 - HALLWAY CEILING REMOVE & REINSTALL		28-Sep-20 A	07-Feb-21	133	89.04%	-354												
SI 271	RWP #13- Hallway ceiling Remove & Reinstall- Pending Approval	28-Sep-20 A	07-Feb-21	133	89.04%	-354												
RWP #14 - NEW FIRE RATED EXIT PANIC DEVICE		28-Sep-20 A	07-Feb-21	133	88.73%	-354												
SI 281	RWP #14- New Fire Rated Exit Panic Device- Pending Approval	28-Sep-20 A	07-Feb-21	133	88.73%	-354												
RWP #15 - RESTROOM WALL REVISED LAYOUT		28-Sep-20 A	07-Feb-21	133	88.73%	-354												
SI 291	RWP #15- Restroom Wall Revised Layout	28-Sep-20 A	07-Feb-21	133	88.73%	-354												
RWP #16 - RESTROOM WALL REPAIR		28-Sep-20 A	07-Feb-21	133	88.73%	-354												
SI 301	RWP #16 - Restroom Wall Repair	28-Sep-20 A	07-Feb-21	133	88.73%	-354												
RWP #18 - 2 HOUR FRW REPAIR AT RESTROOM		28-Sep-20 A	07-Feb-21	133	88.73%	-354												
SI 311	RWP #18 - 2 HOUR Fire Rate Wall Repair At Restroom	28-Sep-20 A	07-Feb-21	133	88.73%	-354												
RWP #19 - PROVIDE & INSTALL (10) CEILING ACCESS PANELS		16-Oct-20 A	07-Feb-21	115	84.91%	-354												
SI 321	RWP #19- Provide & Install (10) Ceiling Access Panels	16-Oct-20 A	07-Feb-21	115	84.91%	-354												
RWP #20 - DEMO & RE-INSTALL HEADER PARTITION WALL FOR RELOCATION OF EXISTING T		28-Sep-20 A	07-Feb-21	133	88.73%	-354												
SI 331	RPW #20- Demo & Re-Install Header Partition Wall For Relocation Of Existin	28-Sep-20 A	07-Feb-21	133	88.73%	-354												
RWP #21 - WATER VALVE ACCESS PANELS (2)		28-Sep-20 A	07-Feb-21	133	88.73%	-354												
SI 341	RWP #21- Water Valve Access Panels (2)	28-Sep-20 A	07-Feb-21	133	88.73%	-354												
RWP #22 - INSTALL SPEAKERS AND OR FA IN RESTROOM		28-Sep-20 A	18-Feb-21	144	81%	-365												
SI 351	RWP #22- Install Speakers and/or Fire Alarm in Restroom	28-Sep-20 A	18-Feb-21	144	81%	-365												
<b>SUBMITTALS</b>		30-Oct-19 A	20-Feb-21	480	95.76%	-418												
PREPARE & SUBMIT SUBMITTALS		30-Oct-19 A	04-Dec-19 A	26	100%													
REVIEW & APPROVE SUBMITTALS		01-Nov-19 A	18-Dec-19 A	34	100%													
FABRICATION & DELIVERY MATERIAL		06-Dec-19 A	20-Feb-21	443	95.26%	-418												
<b>CONSTRUCTION</b>		07-Oct-19 A	26-Apr-21	400	84.41%	-327												
<b>MOBILIZATION</b>		07-Oct-19 A	26-Apr-21	400	82.91%	-327												
M A 02	Provide Dumpster Container/ Protect Finishes/First Aid Facilities	07-Oct-19 A	26-Apr-21	400	31.46%	-327												
M A 01	Mobilization - Pack. A- Misc. General Work	07-Oct-19 A	08-Oct-19 A	2	100%													
MOB I 01	Mobilization - Pack. I- Electrical	07-Oct-19 A	08-Oct-19 A	2	100%													
M A 03	Shop Drawings - Pack A - Misc. General Work	07-Oct-19 A	31-Jan-20 A	82	100%													
M A 04	Temporary Dust/Debris Control	07-Oct-19 A	26-Apr-21	400	31.46%	-327												
E-2.0 I 02	Provide Temporary Lighting and/or Power	07-Oct-19 A	26-Apr-21	400	31.46%	-327												
MOB G 01	Mobilization - Pack. G- Plumbing	07-Nov-19 A	08-Nov-19 A	2	100%													
MOB H 01	Mobilization - Pack. H- HVAC	11-Nov-19 A	12-Nov-19 A	2	100%													
M B 02	Mobilization - Pack. B - Drywall	14-Jan-20 A	15-Jan-20 A	2	100%													
M C 03	Mobilization - Pack. C- Tiles	01-Feb-21	02-Feb-21	2	0%	-297												
MOB F 06	Mobilization - Pack. F- Fire Protection	01-Feb-21	02-Feb-21	2	0%	-315												
M E 05	Mobilization - Pack E - Painting	05-Feb-21	08-Feb-21	2	0%	-310												
M J 130	Mobilization - Pack. J- Honeywell	22-Feb-21	24-Feb-21	3	0%	-302												
<b>DEMOLITION</b>		09-Oct-19 A	28-Feb-20 A	100	100%													
E-2.0-1 I 03	Remove and Dispose of power receptacles, conduit, junction boxes & conduit	09-Oct-19 A	11-Oct-19 A	3	100%													
ADD A 02	Remove Toilet Accessories, Partitions and Doors	09-Oct-19 A	11-Oct-19 A	3	100%													
S-1 A 03	Remove and Dispose of Doors and Frames	09-Oct-19 A	07-Nov-19 A	22	100%													
ADD C 06	Remove and Dispose Masonry Wall	09-Oct-19 A	14-Nov-19 A	27	100%													
S-1 A 13	Remove Ceiling Grid System	09-Oct-19 A	11-Oct-19 A	3	100%													
E-2.0-2 I 04	Remove and Dispose of work lighting, conduit & switching back to source pan	09-Oct-19 A	15-Oct-19 A	5	100%													
E-2.0-7 I 05	Cap/Remove existing electrical line to chiller line	09-Oct-19 A	15-Oct-19 A	5	100%													
E-2.0-3 I 06	Remove and Dispose electrical to RC6-3 & wall mounted supports	09-Oct-19 A	15-Oct-19 A	5	100%													
E-2.0-5 I 08	Remove and Dispose of existing loads & electrical for existing exhaust fan bac	09-Oct-19 A	15-Oct-19 A	5	100%													
E-3.0-1 I 09	Demolish existing lights, circuits & conduit back to source breaker	09-Oct-19 A	15-Oct-19 A	5	100%													
S-1 A 23	Remove and Dispose Interior Walls, existing finishes, & floor tiles	15-Oct-19 A	17-Oct-19 A	3	100%													
FP-2.0 F 00	Remove and dispose of fire sprinkler pipes, heads, accessories & cap pipes at	11-Nov-19 A	13-Nov-19 A	3	100%													
M-2.0-3 H 03	Remove existing exhaust fan & associated ductwork, supports, grilles & contro	11-Nov-19 A	13-Nov-19 A	3	100%													

- █ Remaining Level of Effort ◆ Milestone
- █ Actual Level of Effort
- █ Actual Work
- █ Remaining Work
- █ Critical Remaining Work

MIA - AIRSIDE BREAK ROOM - REBASELINE SCHEDULE JAN 2021  
MCM- REBASELINE Schedule



Activity ID	Activity Name	Start	Finish	At Completion Duration	Duration % Complete	Total Float	2021													
							Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
A-2.0 A03	Outline/Dispose Concrete area repair	12-Nov-19 A	15-Nov-19 A	4	100%															
P-2.0-1/9 G 02	Remove & modify CW Piping Back	12-Nov-19 A	28-Feb-20 A	76	100%															
P-2.0-2 G 03	Remove vent piping back to point	12-Nov-19 A	13-Nov-19 A	2	100%															
P-2.0-3/8 G 04	Remove sanitary waste piping & cap piping	12-Nov-19 A	13-Nov-19 A	2	100%															
M-2.0-1 H 02	Remove existing ductwork, cap	13-Nov-19 A	19-Nov-19 A	5	100%															
P-2.0-4/5/6 G 05	Remove Urinal, Water Closet, Lavatory Support & associated piping	14-Nov-19 A	14-Nov-19 A	1	100%															
P-2.0-7 G 06	Remove existing grate	15-Nov-19 A	28-Nov-19 A	9	100%															
A-2.0 A 100	Remove vertical and horizontal steel channels	28-Nov-19 A	29-Nov-19 A	2	100%															
P-2.0-12 G 09	Remove Water Cooler	05-Feb-20 A	05-Feb-20 A	1	100%															
<b>NEW WORK</b>		10-Dec-19 A	14-Apr-21	345	84.85%	-327														
<b>ROUGH</b>		10-Dec-19 A	11-Feb-21	302	97.02%	-313														
A-2.0 A 150	Install epoxy reinforcement	10-Dec-19 A	23-Dec-19 A	9	100%															
A-2.0 A 190	Install ladder type horizontal reinforcement- for window	10-Dec-19 A	11-Dec-19 A	2	100%															
A2.0 A 14	Repair Concrete Wall & Fill Wall holes opening	13-Dec-19 A	23-Dec-19 A	6	100%															
P-2.0-8 G 07	Cut, cap & re-route existing sanitary lines	15-Jan-20 A	28-Feb-20 A	32	100%															
M-2.0-3 H 04	Modify existing exhaust ductwork as required	20-Jan-20 A	31-Jul-20 A	139	100%															
A2.0 A 17	Install Paperbacked & Metal Lath at Ceiling- Entrance	24-Jan-20 A	16-Mar-20 A	37	100%															
M-2.0-12 H 08	Route exhaust dutwork above ceiling from fan to exhaust plenum & connect	24-Jan-20 A	01-Feb-21	263	80%	-312														
ADD2 B 05	Provide and Repair wall penetrations	27-Jan-20 A	03-Feb-20 A	5	100%															
A-2.0 B 19	Provide and Install Wall Framing, Firestop, Furring Channels	05-Feb-20 A	07-Feb-20 A	2	100%															
A-2.0 A 10	Install Door Frames	07-Feb-20 A	07-Feb-20 A	1	100%															
E-2.0 3 I 11	Provide & Install 480V disconnect & transformer above ceiling	10-Feb-20 A	11-Feb-20 A	2	100%															
A-2.0 A 170	Install diagonal bracing	10-Feb-20 A	11-Feb-20 A	2	100%															
M-2.0-11 H 07	Provide & Install ceiling mounted exhaust fan	17-Feb-20 A	09-Feb-21	253	73.33%	-319														
A-2.0 B 39	Provide & Install Metal Backing, Ceiling Framing	21-Feb-20 A	16-Mar-20 A	17	100%															
E-2.0 2 I 10	Provide & Install 2" conduit & Install control/power conductor	02-Mar-20 A	01-Feb-21	236	80%	-312														
M-2.0-8 H 05	Install fire damper w/ access door in ductwork & ceiling (as needed)	04-Mar-20 A	08-Feb-21	240	93.33%	-321														
E-2.0-4 I 07	Label existing electrical & telecom conduit attached to wall (remove supports &	16-Mar-20 A	27-Mar-20 A	9	100%															
FP-2.0 F 01	Fire Protection Rough	30-Apr-20 A	06-May-20 A	5	100%															
P-0.0 G 112	Pre Test System & Modify vent piping as required	29-May-20 A	03-Jun-20 A	4	100%															
P-0.0 G 232	Place concrete for slab	29-May-20 A	29-May-20 A	1	100%															
A-2.0 A200	Provide and Install 36"X42" door and hardware	29-May-20 A	30-Nov-20 A	130	100%															
A-2.0 A 05	Install Bench/ back support	01-Jun-20 A	01-Feb-21	171	60%	-314														
M-2.0 H 15	Install AC-1 & Rebalance AHU	19-Jun-20 A	10-Feb-21	165	50%	-319														
M-2.0-19 H 10	Route copper tubing from AC-1 condensate pump above dg thru rated walls i	24-Jun-20 A	26-Jun-20 A	3	100%															
A-2.0 B 29	Prove and Install Non Absorbent Water Resistant Materials, Corner Beads	01-Feb-21	02-Feb-21	2	0%	-314														
E-2.0 1 I 09	Provide & mount motor rated switch	01-Feb-21	01-Feb-21	1	0%	-313														
A-2.0 A 160	Install steel channel, steel angles and bolts	01-Feb-21	04-Feb-21	4	0%	-308														
M-2.0-18 H 09	Remote thermostat location for unit AC-1	09-Feb-21	11-Feb-21	3	0%	-321														
<b>FINISHES</b>		04-Mar-20 A	02-Apr-21	278	84.62%	-321														
E-2.0 I 5	Provide & Install Electrical panels	04-Mar-20 A	05-Mar-20 A	2	100%															
A-2.0 A 65	Fill wall opening and match finishes for mechanical demolition	18-May-20 A	22-May-20 A	5	100%															
A-2.0 A 20	Install Doors, Hardware	21-May-20 A	22-May-20 A	1	100%															
A-2.0 B 49	Provide and install Gypsum Wall Board for Ceiling at Entrance	26-May-20 A	28-May-20 A	3	100%															
M-2.0-20 H 11	Route refrigerant lines from A/C-1 to CU-1 located outside	01-Jun-20 A	03-Jun-20 A	3	100%															
M-2.0-22 H 22	New condensing unit CU-1 mounted on existing concrete drive	04-Jun-20 A	08-Jun-20 A	3	100%															
A-2.0 B 22	Provide and Install Gypsum Wall Board for Wall	05-Jun-20 A	22-Feb-21	182	90%	-327														
A-2.0 E 41	Paint Exterior Stucco Finish Walls	02-Feb-21	08-Feb-21	4	0%	-285														
FP-2.0 F 02	Replace and relocate fire sprinkler pipes, heads & accessories	03-Feb-21	05-Feb-21	3	0%	-306														
A-2.0 B 23	Provide and Apply Sealant & Caulking	22-Feb-21	23-Feb-21	1	0%	-325														
A3.0 A 03	Provide and Install Plywood & Plywood sheathing at Ceiling	22-Feb-21	25-Feb-21	3	0%	-327														
A3.0 A 04	Apply Plaster at Ceiling	25-Feb-21	04-Mar-21	5	0%	-327														

- ◆ Remaining Level of Effort
- ◆ Actual Level of Effort
- ◆ Actual Work
- ◆ Remaining Work
- ◆ Critical Remaining Work
- ◆ Milestone

MIA - AIRSIDE BREAK ROOM - REBASELINE SCHEDULE JAN 2021  
MCM- REBASELINE Schedule



Activity ID	Activity Name	Start	Finish	At Completion Duration	Duration % Complete	Total Float	2021											
							Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
A-2.0 B 59	Provide and Apply Finish to Walls and Ceilings	25-Feb-21	04-Mar-21	5	0%	-327		■	Provide and Apply Finish to Walls and Ceilings									
A3.0 A 23	Provide & Install Ceiling Access Panels	25-Feb-21	01-Mar-21	2	0%	-324		■	Provide & Install Ceiling Access Panels									
A-2.0 E 34	Prime Paint & 1st Coat Interior Wall, Ceiling, and Door	04-Mar-21	09-Mar-21	3	0%	-327		■	Prime Paint & 1st Coat Interior Wall, Ceiling, and Door									
A-2.0 E 35	Finish Painting Interior Wall, Ceiling, and Door	04-Mar-21	09-Mar-21	3	0%	-321		■	Finish Painting Interior Wall, Ceiling, and Door									
A-2.0 A01a	Install Acoustical Ceiling System	09-Mar-21	12-Mar-21	3	0%	-327		■	Install Acoustical Ceiling System									
A-2.0 A07	Install VCT	09-Mar-21	12-Mar-21	3	0%	-309		■	Install VCT									
E-3.0 I 04	Provide & Install Light Fixtures	12-Mar-21	17-Mar-21	3	0%	-327		■	Provide & Install Light Fixtures									
E4.0 I 430	Install Fire Alarm System (Strobes, Horn, Smoke Detectors and Pull Station)	12-Mar-21	17-Mar-21	3	0%	-313		■	Install Fire Alarm System (Strobes, Horn, Smoke Detectors and Pull Station)									
A-2.0 C 28	Install Floor Tiles and Patch	17-Mar-21	31-Mar-21	10	0%	-327		■	Install Floor Tiles and Patch									
P-0.0 G 72	Install floor/wall cleanouts, drains & grates	31-Mar-21	01-Apr-21	1	0%	-320		■	Install floor/wall cleanouts, drains & grates									
P-0.0 G 162	Install Check valve & Heat trap	31-Mar-21	01-Apr-21	1	0%	-320		■	Install Check valve & Heat trap									
P-0.0 G 202	Install thermal expansion tank	31-Mar-21	01-Apr-21	1	0%	-321		■	Install thermal expansion tank									
P-0.0 G 132	Install isolation valve and modify cold/hot water piping	01-Apr-21	02-Apr-21	1	0%	-321		■	Install isolation valve and modify cold/hot water piping									
<b>TRIM</b>		<b>09-Mar-21</b>	<b>14-Apr-21</b>	<b>26</b>	<b>0%</b>	<b>-327</b>												
A-2.0 A 45	Install TV Bracket	09-Mar-21	11-Mar-21	2	0%	-306		■	Install TV Bracket									
A-2.0 A 55	Install Fire extinguisher	11-Mar-21	12-Mar-21	1	0%	-306		■	Install Fire extinguisher									
A-2.0 A 17	Install Rubber/Tile Baseboard	12-Mar-21	16-Mar-21	2	0%	-309		■	Install Rubber/Tile Baseboard									
A-2.0 A 15	Provide and Install Marble & Aluminum Threshold	16-Mar-21	17-Mar-21	1	0%	-309		■	Provide and Install Marble & Aluminum Threshold									
E-3.0 I 03	Provide & Install Exit & Emergency Lighting	17-Mar-21	19-Mar-21	2	0%	-313		■	Provide & Install Exit & Emergency Lighting									
E-3.0 I 34	Provide & Install Receptacles	17-Mar-21	19-Mar-21	2	0%	-311		■	Provide & Install Receptacles									
A-2.0 A 18	Install Signage	19-Mar-21	23-Mar-21	2	0%	-313		■	Install Signage									
P-0.0 G 62	Install steel sink & mixing valves	31-Mar-21	02-Apr-21	2	0%	-321		■	Install steel sink & mixing valves									
P-0.0 G 12	Install Urinals, Water Closet and Lavatories	31-Mar-21	05-Apr-21	3	0%	-327		■	Install Urinals, Water Closet and Lavatories									
P-2.1 G 01	Install Water Heater	31-Mar-21	02-Apr-21	2	0%	-320		■	Install Water Heater									
P-2.1 G 04	Install Drinking Fountain / Water Cooler	02-Apr-21	05-Apr-21	1	0%	-320		■	Install Drinking Fountain / Water Cooler									
A-2.0 A 06	Install Toilet Partitions & Urinal Screens	05-Apr-21	08-Apr-21	3	0%	-327		■	Install Toilet Partitions & Urinal Screens									
A-2.0 A 35	Install Toilet Accessories	08-Apr-21	12-Apr-21	2	0%	-327		■	Install Toilet Accessories									
A2.0 A 230	Final Professional Cleaning	12-Apr-21	14-Apr-21	2	0%	-327		■	Final Professional Cleaning									
<b>PROJECT CLOSE OUT</b>		<b>06-Feb-21</b>	<b>28-May-21</b>	<b>112</b>	<b>0%</b>	<b>-464</b>												
PC F 07	Punchlist & Cleaning - Pack. F- Fire Protection	06-Feb-21	10-Feb-21	5	0%	-389		■	Punchlist & Cleaning - Pack. F- Fire Protection									
PC H 16	Punch List & Cleaning - Pack H- HVAC	12-Feb-21	16-Feb-21	5	0%	-407		■	Punch List & Cleaning - Pack H- HVAC									
PC B 03	Punchlist - Guaranties Pack B - Drywall	04-Mar-21	09-Mar-21	5	0%	-415		■	Punchlist - Guaranties Pack B - Drywall									
PC E 06	Punch List & Cleaning Painting- Pack. E-	09-Mar-21	12-Mar-21	3	0%	-418		■	Punch List & Cleaning Painting- Pack. E-									
PC J 100	Program & Testing Fire Alarm Devices	17-Mar-21	20-Mar-21	3	0%	-431		■	Program & Testing Fire Alarm Devices									
PC I 10	Punch List & Cleaning Pack I - Electrical	19-Mar-21	22-Mar-21	3	0%	-428		■	Punch List & Cleaning Pack I - Electrical									
PC J 110	Punchlist - Guaranties Pack J - Fire Alarm	20-Mar-21	25-Mar-21	5	0%	-431		■	Punchlist - Guaranties Pack J - Fire Alarm									
PC C 04	Punch List & Cleaning - Pack. C- Tiles	31-Mar-21	05-Apr-21	5	0%	-442		■	Punch List & Cleaning - Pack. C- Tiles									
PC G 08	Punch List & Cleaning Pack G - Plumbing	05-Apr-21	08-Apr-21	3	0%	-445		■	Punch List & Cleaning Pack G - Plumbing									
PC A 180	Final Inspections & As-Built Drawings / Guaranties	14-Apr-21	26-Apr-21	9	0%	-327		■	Final Inspections & As-Built Drawings / Guaranties									
PC-190	Substantial Completion (Feb-10-20)		26-Apr-21	0	0%	-464		◆	Substantial Completion (Feb-10-20)									
PC-230	Punch List & Cleaning Pack A - General Work	27-Apr-21	28-Apr-21	2	0%	-464		■	Punch List & Cleaning Pack A - General Work									
PC-250	Project Close-Out	29-Apr-21	28-May-21	30	0%	-464		■	Project Close-Out									
PC-240	Final Completion (Feb-19-20)		28-May-21	0	0%	-464		◆	Final Completion (Feb-19-20)									

- Remaining Level of Effort ◆ ◆ Milestone
- Actual Level of Effort
- Actual Work
- Remaining Work
- Critical Remaining Work

MIA - AIRSIDE BREAK ROOM - REBASELINE SCHEDULE JAN 2021  
MCM- REBASELINE Schedule

Page 4 of 4  
Data Date 31-Jan-21





**PROJECT: U010C**

**REFURBISH AIRSIDE OPERATIONS BREAKROOM**

## **TIME IMPACT ANALYSIS**

**MCC-8-10**

**MISCELLANEOUS CONSTRUCTION CONTRACT**

**MUNILLA CONSTRUCTION  
3050 NW 20 STREET, 2<sup>ND</sup> FLOOR  
MIAMI, FLORIDA 33126**

**MCM PROJECT ENGINEER:  
VICTOR CAMPS  
[vcamps@mcm-us.com](mailto:vcamps@mcm-us.com)**

**PHONE: (305) 541-0000  
FAX: (305) 541-9771**

**MDAD PROJECT MANAGER:  
SERGIO NEGREIRA  
[snegreira@miami-airport.com](mailto:snegreira@miami-airport.com)**

**Date: 01/20//2021**

## TABLE OF CONTENTS

1.0 - INTRODUCTION	
2.0 - ANALYSIS METHODOLOGY	
3.0 – EVENT DELAY NO.1 BATHROOM CHASE WALL	
3.1 - TIME IMPACT ANALYSIS OF DELAY NO.1	
3.2 - OVERALL IMPACT ON SCHEDULE	
4.0 – EVENT DELAY NO.2 REPLACEMENT OF WATER SERVICE PIPE & NO.3 NEW DRAINAGE PIPING AND NEW VALVE	
4.1 - TIME IMPACT ANALYSIS OF DELAY NO.2 & NO.3	
4.2 - OVERALL IMPACT ON SCHEDULE	
5.0 – EVENT DELAY NO.4 RE-BUILD CHASE WALL	
5.1 - TIME IMPACT ANALYSIS OF DELAY NO.4	
5.2 - OVERALL IMPACT ON SCHEDULE	
6.0 – EVENT DELAY NO.5 NEW DUCTWORK AND DEVICES	
6.1 - TIME IMPACT ANALYSIS OF DELAY NO.5	
6.2 - OVERALL IMPACT ON SCHEDULE	
7.0 – EVENT DELAY NO.6 NEW FIRE DEVICES	
7.1 - TIME IMPACT ANALYSIS OF DELAY NO.6	
7.2 - OVERALL IMPACT ON SCHEDULE	
8.0 – EVENT DELAY NO.7 COLLAPSED FIBERGLASS DUCT	
8.1 - TIME IMPACT ANALYSIS OF DELAY NO.7	
8.2 - OVERALL IMPACT ON SCHEDULE	
9.0 – EVENT DELAY NO.8 CONCRETE FLOOR SLAB	
9.1 - TIME IMPACT ANALYSIS OF DELAY NO.8	
9.2 - OVERALL IMPACT ON SCHEDULE	
10.0 – EVENT DELAY NO.9 FIRE DAMPERS PENETRATING NORTH WALL RESTROOMS	
10.1 - TIME IMPACT ANALYSIS OF DELAY NO.9	
10.2 - OVERALL IMPACT ON SCHEDULE	
11.0 – EVENT DELAY NO.10 OCCUPANCY SENSORS	
11.1 - TIME IMPACT ANALYSIS OF DELAY NO.10	
11.2 - OVERALL IMPACT ON SCHEDULE	

## 12.0 - CONCLUSION

### 14.0 – EXHIBITS

- 01 PROJECT NOTICE TO PROCEED
- 02 PROJECT SUMMARY BASELINE SCHEDULE
- 03 PROJECT IMPACTED SCHEDULE WITH DELAYS
- 04 EVENT DELAY NO.1 DEMOLITION OF BATHROOM CHASE WALL
- 05 EVENT DELAY NO.1 DEMO. BATH. CHASE WALL IMPACTED SCHEDULE
- 06 EVENT DELAY NO.2 & NO.3 REPLACEMENT OF WATER SERVICE PIPE & NEW DRAINAGE PIPING & NEW VALVE
- 07 EVENT DELAY NO.2 & NO.3 REPLACE. WATER SERVICE PIPE IMPACTED SCHEDULE & NEW DRAINAGE PIPING & NEW VALVE
- 08 EVENT DELAY NO.4 RE-BUILD CHASE WALL
- 09 EVENT DELAY NO.4 REVBUILD CHASE WALL IMPACTED SCHEDULE
- 10 EVENT DELAY NO.5 NEW DUCTWORK & DEVICES
- 11 EVENT DELAY NO.5 NEW DUCTWORK & DEVICES IMPACTED SCHEDULE
- 12 EVENT DELAY NO.6 NEW FIRE DAMPERS
- 13 EVENT DELAY NO.6 NEW FIRE DAMPERS IMPACTED SCHEDULE
- 14 EVENT DELAY NO.7 COLLAPSED FIBERGLASS DUCT
- 15 EVENT DELAY NO.7 COLLAPSED FIBERGLASS DUCT IMPACTED SCHEDULE
- 16 EVENT DELAY NO.8 CONCRETE FLOOR SLAB
- 17 EVENT DELAY NO.8 CONCRETE FLOOR SLAB IMPACTED SCHEDULE
- 18 EVENT DELAY NO.9 FIRE DAMPERS PENETRATING NORTH WALL RESTROOM
- 19 EVENT DELAY NO.9 FIRE DAMPERS N. WALL RESTROOM IMPACTED SCHEDULE
- 20 EVENT DELAY NO.10 OCCUPANCY SENSORS
- 21 EVENT DELAY NO.10 OCCUPANCY SENSORS IMPACTED SCHEDULE
- 22 DELAY OCCURRENCE GRAPH
- 23 PROJECT DELAY TIMELINE GRAPH

### 1.0 - INTRODUCTION

This project includes renovations to Airside Operations Breakroom and adjacent Ramp Level Restrooms.

- Refurbish of Airside Operations Breakroom and adjacent level restrooms are as follows:
  - Demolition of restrooms.
  - Selective demolition in Breakroom area.
  - New finishes (Floor, Wall, Ceiling)
  - Replacement of Doors and Hardwares.
  - New plumbing fixtures.
  - New electrical.
  - New mechanical/ HVAC work.
  - New firesprinklers.
  - New fixtures.
  - New furnishings.

Project NTP was issued on September 23<sup>rd</sup> 2019. The original substantial completion was scheduled on February 19, 2020, representing a duration of 150 calendar days. See Baseline summary of the Overall Construction Schedule follows for reference purposes (Exhibit 1).

Activity Name	Start	Finish	At Completion Duration	2020											
				Oct	N	D	Jan	F	M	Apr	M	Jun	Jul	A	S
<b>MIA - AIRSIDE BREAK ROOM - BASELINE</b>	23-Sep-19	19-Feb-20	150	MIA - AIRSIDE BREAK ROOM - B											
<b>GENERAL CONDITIONS</b>	23-Sep-19	19-Feb-20	150	GENERAL CONDITIONS:											
NTP (Sept-23-19)	23-Sep-19		0												
Pre-Cons POD	23-Sep-19		0												
Safety Manuals	23-Sep-19	06-Oct-19	14	Safety Manuals											
Badges	23-Sep-19	22-Oct-19	30	Badges:											
Project Management & Allowance (NTP thru Substantial Completion)	23-Sep-19	10-Feb-20	141	Project Management & Allowance (N											
NTP thru Project Final Completion (150 CD)	23-Sep-19	19-Feb-20	150	NTP thru Project Final Completion											
<b>SUBMITTALS</b>	02-Oct-19	08-Dec-19	68	SUBMITTALS:											
<b>CONSTRUCTION</b>	07-Oct-19	10-Feb-20	89	CONSTRUCTION:											
<b>MOBILIZATION</b>	07-Oct-19	10-Feb-20	89	MOBILIZATION											
<b>DEMOLITION</b>	09-Oct-19	31-Oct-19	17	DEMOLITION											
<b>NEW WORK</b>	11-Oct-19	05-Feb-20	82	NEW WORK											
<b>ROUGH</b>	11-Oct-19	29-Nov-19	36	ROUGH											
<b>FINISHES</b>	20-Nov-19	03-Feb-20	52	FINISHES											
<b>TRIM</b>	09-Jan-20	05-Feb-20	20	TRIM:											
<b>PROJECT CLOSE OUT</b>	27-Nov-19	19-Feb-20	85	PROJECT CLOSE OUT											

Exhibit No. 2 – Baseline Summary Schedule

### 2.0 ANALYSIS METHODOLOGY

The Time Impact Analysis method used for this project, involves the insertion of activities indicating delays or changes into the updated schedule representing progress up to the point when a delay event occurred to determine the impact of those delay activities. The delays resulted from the events discussed in this analysis are added to the Updated Schedule, and the impact on the project duration is calculated.

The impacted updated schedule below, reflects how the substantial completion date has been impacted as a result of the events described in this report. In this analysis, each delay has been added to the Updated Schedule as a single event and its effects. (Exhibit 2).

Activity Name	Start	Finish	At Completion Duration	2020												2021											
				S	O	N	D	J	F	M	A	M	J	J	A	S	N	D	J	F	M	A	M	J	J	A	S
<b>MIA - AIRSIDE BREAK ROOM - BASELINE - TIA #1</b>	23-Sep-19	28-Apr-21	584	MIA - AIRSIDE BREAK ROOM - BASELINE - TIA #1																							
<b>GENERAL CONDITIONS</b>	23-Sep-19	28-Apr-21	584	GENERAL CONDITIONS																							
NTP (Sept-23-19)	23-Sep-19		0																								
Pre-Cons POD	23-Sep-19		0																								
Safety Manuals	23-Sep-19	06-Oct-19	14	Safety Manuals																							
Badges	23-Sep-19	22-Oct-19	30	Badges																							
Project Management & Allowance (NTP thru Substantial Completion)	23-Sep-19	20-Apr-21	576	Project Management																							
NTP thru Project Final Completion (150 CD)	23-Sep-19	28-Apr-21	584	NTP thru Project																							
<b>SCHEDULE DELAYS</b>	24-Oct-19	12-Mar-21	356	SCHEDULE DELAYS																							
<b>EVENT DELAY NO. 1 Demolition of Bathroom Chase Wall</b>	24-Oct-19	09-Dec-19	33	EVENT DELAY NO. 1 Demolition of Bathroom Chase Wall																							
<b>EVENT DELAY NO. 2 Replacement of Existing Water Service Pipe</b>	10-Dec-19	16-Dec-19	5	EVENT DELAY NO. 2 Replacement of Existing Water Service Pipe																							
<b>EVENT DELAY NO. 3 Replacement of Existing Sewer Pipe and New Valve</b>	08-Jan-20	19-Mar-20	52	EVENT DELAY NO. 3 Replacement of Existing Sewer Pipe and New Valve																							
<b>EVENT DELAY NO. 4 Re-build Chase Wall</b>	24-Jan-20	12-Mar-21	292	EVENT DELAY NO. 4 Re-build Chase Wall																							
<b>EVENT DELAY NO. 5 New Ductwork and Devices - print RFI# 019</b>	14-Jan-20	27-Mar-20	54	EVENT DELAY NO. 5 New Ductwork and Devices - print RFI# 019																							
<b>EVENT DELAY NO. 6 New Fire Dampers</b>	07-Jan-20	19-Jan-21	267	EVENT DELAY NO. 6 New Fire Dampers																							
<b>EVENT DELAY NO. 7 Collapsed Fiberglass Duct</b>	26-Feb-20	21-Jan-21	233	EVENT DELAY NO. 7 Collapsed Fiberglass Duct																							
<b>EVENT DELAY NO. 8 Concrete for floor slab</b>	04-Mar-20	31-Mar-20	20	EVENT DELAY NO. 8 Concrete for floor slab																							
<b>EVENT DELAY NO. 9 Fiber Dampers penetrating north wall Restroom</b>	18-Feb-20	19-Jan-21	237	EVENT DELAY NO. 9 Fiber Dampers penetrating north wall Restroom																							
<b>EVENT DELAY NO. 10 Occupancy Sensors</b>	07-Nov-19	13-Apr-20	111	EVENT DELAY NO. 10 Occupancy Sensors																							
<b>SUBMITTALS</b>	02-Oct-19	03-May-20	215	SUBMITTALS																							
<b>CONSTRUCTION</b>	07-Oct-19	20-Apr-21	562	CONSTRUCTION																							
<b>PROJECT CLOSE OUT</b>	12-Dec-19	28-Apr-21	504	PROJECT CLOSE OUT																							
Punchlist - Guaranties Pack B - Drywall	12-Dec-19	16-Dec-19	5	Punchlist - Guaranties Pack B - Drywall																							
Punch List & Cleaning - Pack H- HVAC	22-Jan-21	26-Jan-21	5	Punch List & Cleaning - Pack H- HVAC																							
Punch List & Cleaning Painting- Pack. E-	04-Feb-21	06-Feb-21	3	Punch List & Cleaning Painting- Pack. E-																							
Program & Testing Fire Alarm Devices	05-Feb-21	07-Feb-21	3	Program & Testing Fire Alarm Devices																							
Punch List & Cleaning Pack I - Electrical	09-Feb-21	11-Feb-21	3	Punch List & Cleaning Pack I - Electrical																							
Punchlist - Guaranties Pack J - Fire Alarm	08-Feb-21	12-Feb-21	5	Punchlist - Guaranties Pack J - Fire Alarm																							
Punch List & Cleaning - Pack. C- Tiles	27-Mar-21	02-Apr-21	7	Punch List & Cleaning - Pack. C- Tiles																							
Punch List & Cleaning Pack G - Plumbing	07-Apr-21	11-Apr-21	5	Punch List & Cleaning Pack G - Plumbing																							
Final Inspections	16-Apr-21	20-Apr-21	5	Final Inspections																							
Substantial Completion (Feb-10-20)		20-Apr-21	0																								
Punch List & Cleaning Pack A - General Work	21-Apr-21	28-Apr-21	8	Punch List & Cleaning Pack A - General Work																							
Final Completion (Feb-19-20)		28-Apr-21	0																								

Exhibit No. 3 – Impacted Baseline with delays

This time analysis is to request a time extension due to various unforeseen conditions extending the Project Completion to April 20<sup>th</sup> 2021.

**BASIS OF THE CLAIM / DELAY EVENTS:**

**3.0 DEMOLITION OF BATHROOM CHASE WALL**

The proposed bathroom renovation required work to be done behind the existing concrete chase wall. The existing chase wall had a crawl space of approximately 12 to 14 inches clear space that was not sufficient to perform the required work. RFI 002 recommended to remove existing CMU chase wall at bathroom side. A/E replied to have the CMU chase wall removed from floor to tie beam and replaced with a steel frame partition wall in the same location.

**3.1-TIME IMPACT ANALYSIS OF EVENT DELAY**

WO #1 was prepared on 11/15/19. MDAD approved work. Demolition of wall completed on 11/24/19. This is a critical 31 CD delay.

**3.2 - OVERALL IMPACT ON SCHEDULE**

Event Delay impacted the following activities:

- P-2.0-1/9 G 02 Remove & modify CW Piping Back
- P-2.0-2 G 03 Remove vent piping back to point
- P-2.0-3/8 G 04 Remove sanitary waste piping & cap piping...

Activity ID	Activity Name	Start	Finish	At Completion Duration	Total Float	O	N	D	J	F	M	A	M	J	J	A
<b>Total</b>		23-Sep-19	31-May-20	252	-102											
<b>MIA - AIRSIDE BREAK ROOM - BASELINE - TIA #1</b>		23-Sep-19	31-May-20	252	-102											
<b>GENERAL CONDITIONS</b>		23-Sep-19	31-May-20	252	-102											
<b>SCHEDULE DELAYS</b>		24-Oct-19	09-Dec-19	33	-1											
<b>EVENT DELAY NO. 1 Demolition of Bathroom Chase Wall</b>		24-Oct-19	09-Dec-19	33	-1											
SI 100	RFI #002 - Demolition of Bathroom Chase Wall 10/24/19-11/14/19	24-Oct-19	14-Nov-19	16	-1											
SI 120	Prepare WO #1 11/15/19- 11/25/19	15-Nov-19	25-Nov-19	7	-1											
SI 130	MDAD Approval of WO #1	26-Nov-19	02-Dec-19	5	-1											
SI 110	Demolition of Chase Wall	03-Dec-19	09-Dec-19	5	-1											
<b>CONSTRUCTION</b>		09-Oct-19	07-Jan-20	63	31											
<b>NEW WORK</b>		09-Oct-19	07-Jan-20	63	31											
<b>ROUGH</b>		19-Dec-19	24-Dec-19	4	39											
P-0.0 G 72	Install floor drains & grates	19-Dec-19	19-Dec-19	1	39											
P-0.0 G 132	Install isolation valve and modify piping	20-Dec-19	20-Dec-19	1	39											
P-0.0 G 162	Install Check valve & Heat trap	23-Dec-19	24-Dec-19	2	39											
<b>FINISHES</b>		26-Dec-19	07-Jan-20	8	-1											
P-2.0-12 G 09	Remove/ Replace Water Cooler	26-Dec-19	31-Dec-19	4	-1											
ADD2 B 05	Provide and Repair wall penetrations	02-Jan-20	07-Jan-20	4	-1											
<b>BATHROOMS</b>		09-Oct-19	24-Dec-19	55	-1											
P-2.0-3/8 G 04	Remove sanitary waste piping & cap piping	09-Oct-19	10-Oct-19	2	8											
P-2.0-2 G 03	Remove vent piping back to point	10-Dec-19	11-Dec-19	2	-1											
P-2.0-8 G 07	Cut, cap & re-route existing sanitary lines	12-Dec-19	13-Dec-19	2	-1											
P-2.0-8 G	Excavate soil for slab	16-Dec-19	18-Dec-19	3	-1											
P-0.0 G 62	Install mixing valves	19-Dec-19	20-Dec-19	2	-1											
P-0.0 G 242	Install Relief vents for Water Closet	23-Dec-19	24-Dec-19	2	-1											
<b>PROJECT CLOSE OUT</b>		31-May-20	31-May-20	0	-102											

Exhibit No. 4 – Event Delay No.1 Demolition of Bathroom Chase Wall

#### 4.0 REPLACEMENT OF EXISTING WATER SERVICE PIPE & REPLACEMENT OF EXISTING SEWER PIPE AND NEW VALVE

During the demolition of the sanitary waste piping, the plumbing subcontractor discovered the existing water service pipe was in the way of the WC1 and the need for replacement. RFI #012 submitted a video to show the conditions of the 2" water service pipe. The A/E recommended to relocate/replace the 2" water pipes as required to allow for WC support.

Subcontractor submitted RFI #017 stating that the existing 2" vertical cast iron stack is not functional and does not show any flow. The subcontractor attempted to clear the pipe by flushing the system with fresh water as well as with the use of a mechanically added device without success. The A/E agreed with the contractor's recommendation to cancel and cap off the existing 2" vertical stack and replace the 2" pipe system and water valve

#### 4.1-TIME IMPACT ANALYSIS OF EVENT DELAY

The additional replacement of the existing water service pipes completed on 03/04/20. This is a critical delay of 85 days.

RWP #2 was submitted to MDAD on 01/23/20. MDAD approved the work to move forward on 01/27/20. The subcontractor completed the additional scope of work on 03/04/20. This affected completion of the concrete pour of slab and completion of wall. This is a critical delay of 56 CD.

### 4.2 - OVERALL IMPACT ON SCHEDULE

Event delay impacted the following activities :

- P-0.0 G 62 Install Mixing Valves
- P-0.0 G 242 Install Relief Vents for Water Closet
- P-0.0 G 262 Install Cold Water Line
- P-0.0 G 232 Place concrete for slab
- P-2.0-12 G 09 Remove / Replace Water Cooler

Activity ID	Activity Name	Start	Finish	At Completion Duration	Total Float	O	N	D	J	F	M	A	M	J	J	A
<b>Total</b>		23-Sep-19	19-May-20	240	-98											
<b>MIA - AIRSIDE BREAK ROOM - BASELINE - TIA #1</b>		23-Sep-19	19-May-20	240	-98											
<b>GENERAL CONDITIONS</b>		23-Sep-19	23-Sep-19	0	-66											
<b>SCHEDULE DELAYS</b>		24-Oct-19	19-Mar-20	104	-49											
<b>EVENT DELAY NO. 1 Demolition of Bathroom Chase Wall</b>		24-Oct-19	09-Dec-19	33	-48											
SI 100	RFI #002 - Demolition of Bathroom Chase Wall 10/24/19-11/14/19	24-Oct-19	14-Nov-19	16	-48											
SI 120	Prepare WO #1 11/15/19- 11/25/19	15-Nov-19	25-Nov-19	7	-48											
SI 130	MDAD Approval of WO #1	26-Nov-19	02-Dec-19	5	-48											
SI 110	Demolition of Chase Wall	03-Dec-19	09-Dec-19	5	-48											
<b>EVENT DELAY NO. 2 Replacement of Existing Water Service Pipe</b>		10-Dec-19	16-Dec-19	5	-48											
SI 200	RFI #012 - Replacement of existing water service pipe 12/10/19-12/16/19	10-Dec-19	16-Dec-19	5	-48											
<b>EVENT DELAY NO. 3 Replacement of Existing Sewer Pipe and New Valve</b>		08-Jan-20	19-Mar-20	52	-49											
SI 300	RFI #017 - Replacement of existing sewer pipe and new valve	08-Jan-20*	10-Jan-20	3	0											
SI 310	Prepare WO #2 - Replacement of existing sewer pipe and new valve	13-Jan-20	23-Jan-20	9	-65											
SI 320	MDAD Approval of WO #2/ POM #1 to replace water & sewer pipe & n	24-Jan-20	05-Mar-20	30	-65											
SI 330	Replacement of existing sewer pipe and new valve	06-Mar-20	12-Mar-20	5	-65											
SI 340	Replace existing water service pipe	13-Mar-20	19-Mar-20	5	-65											
<b>CONSTRUCTION</b>		20-Mar-20	06-Apr-20	12	-42											
<b>NEW WORK</b>		20-Mar-20	06-Apr-20	12	-42											
<b>FINISHES</b>		26-Mar-20	06-Apr-20	8	-65											
P-2.0-12 G 09	Remove/ Replace Water Cooler	26-Mar-20	31-Mar-20	4	-65											
ADD2 B 05	Provide and Repair wall penetrations	01-Apr-20	06-Apr-20	4	-65											
<b>BATHROOMS</b>		20-Mar-20	27-Mar-20	6	-36											
P-0.0 G 62	Install mixing valves	20-Mar-20	23-Mar-20	2	-65											
P-0.0 G 242	Install Relief vents for Water Closet	24-Mar-20	25-Mar-20	2	-65											
P-0.0 G 262	Install Cold Water Line	26-Mar-20	27-Mar-20	2	-36											
<b>PROJECT CLOSE OUT</b>		01-Apr-20	19-May-20	49	-98											

Exhibit 5 – Event Delay No.2 & No.3 Replacement of Existing Water Service Pipe & Replacement of Existing Sewer Pipe & New Valve

### 4.0 REBUILD CHASE WALL

Once the existing sewer pipe and new valve were installed, and the concrete slab pour, the Subcontractor could build the chase wall.

#### 5.1-TIME IMPACT ANALYSIS OF EVENT DELAY

WO# 3 was submitted on 01/24/20. MDAD approved the work on 02/05/20. Metal framing is completed. However; due to additional electrical issues from RFI #008, RFI #020, RFI #021 and additional access panels, the completion of the wall is on hold. Pending Approval of RWP #15 & RWP #16

#### 5.2 - OVERALL IMPACT ON SCHEDULE

Event Delay impacted the following activities:

- A-2.0 C 28 – Install Floor Tiles & Patch
- P-0.0 G 12 – Install Urinals, Water Closet and Lavatories
- A-2.0 A 06 – Install Toilet Partitions & Urinal Screens

- A-2.0 A 35 – Install Toilet Accessories

Activity ID	Activity Name	Start	Finish	At Completion Duration	Total Float	Gantt Chart (Month-Year)											
<b>Total</b>		23-Sep-19	24-Feb-21	521	-379	[Gantt Chart]											
<b>MIA - AIRSIDE BREAK ROOM - BASELINE - TIA #1</b>																	
<b>GENERAL CONDITIONS</b>																	
GC 100	NTP (Sept-23-19)	23-Sep-19		0	-360	[Gantt Chart]											
GC 140	Project Management & Allowance (NTP thru Substantial Completion)	23-Sep-19	24-Feb-21	521	-379	[Gantt Chart]											
<b>SCHEDULE DELAYS</b>																	
<b>EVENT DELAY NO. 4 Re-build Chase Wall</b>																	
SI 400	Prepare WO #3 - Build new chase wall	24-Jan-20	27-Jan-20	2	-267	[Gantt Chart]											
SI 410	MDAD & Subcontractor Approval of Budget for WO #3 - 02/05/20	28-Jan-20	05-Feb-20	7	-267	[Gantt Chart]											
SI 420	Build new chase wall- Pending RWP #15/ RWP#16	06-Feb-20	18-Jan-21	244	-267	[Gantt Chart]											
SI 430	RWP #15 Restroom Wall Revised Layout- Pending Approval	22-Jun-20	18-Jan-21	147	-267	[Gantt Chart]											
SI 440	RWP #16 Restroom Wall Repair- Pending Approval	22-Jun-20	18-Jan-21	147	-267	[Gantt Chart]											
<b>CONSTRUCTION</b>																	
<b>NEW WORK</b>																	
<b>BATHROOMS</b>																	
A-2.0 C 28	Install Floor Tiles and Patch	19-Jan-21	17-Feb-21	22	-267	[Gantt Chart]											
P-0.0 G 12	Install Urinals, Water Closet and Lavatories	02-Feb-21	08-Feb-21	5	-267	[Gantt Chart]											
A-2.0 A 06	Install Toilet Partitions & Urinal Screens	09-Feb-21	12-Feb-21	4	-267	[Gantt Chart]											
A-2.0 A 35	Install Toilet Accessories	15-Feb-21	17-Feb-21	3	-267	[Gantt Chart]											
<b>TRIM</b>																	
A2.0 A 230	Final Cleaning	18-Feb-21	19-Feb-21	2	-267	[Gantt Chart]											
<b>PROJECT CLOSE OUT</b>																	
		20-Feb-21	24-Feb-21	5	-379	[Gantt Chart]											

Exhibit 6 – Event Delay No.4 Re-build Chase Wall

## 6.0 – NEW DUCTWORK & DEVICES

As per Drawing Rev #3, a new metal ductwork and 2 new required air distribution devices.

### 6.1-TIME IMPACT ANALYSIS OF EVENT DELAY

MDAD approved RWP #4 on 03/16/20. Due to COVID-19, material was delivered to jobsite on 05/03/20. Subcontractor installed new ductwork by 05/08/20. This is a concurrent delay of 115 CD, impacting the schedule by 51 CD.

### 6.2 - OVERALL IMPACT ON SCHEDULE

Event delay Impacted the following activities:

- A-2.0 E 35 – Finish Painting Interior Wall, Ceiling & Door
- A-2.0 A 07 – Install VCT
- A-2.0 B 49 – Install Acoustical Ceiling Grid
- A-2.0 A 17 – Install Rubber Tile / Baseboard

Activity ID	Activity Name	Start	Finish	At Completion Duration	Total Float	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A
<b>Total</b>		23-Sep-19	04-Mar-21	529	-379																					
<b>MIA - AIRSIDE BREAK ROOM - BASELINE - TIA #1</b>		23-Sep-19	04-Mar-21	529	-379																					
<b>GENERAL CONDITIONS</b>		23-Sep-19	04-Mar-21	529	-379																					
GC 100	NTP (Sept-23-19)	23-Sep-19		0	-360																					
GC 120	NTP thru Project Final Completion (150 CD)	23-Sep-19	04-Mar-21	529	-379																					
<b>SCHEDULE DELAYS</b>		14-Jan-20	27-Mar-20	54	-51																					
<b>EVENT DELAY NO. 5 New Ductwork and Devices - print RFI# 019</b>		14-Jan-20	27-Mar-20	54	-51																					
SI 500	Email from Subcontractor on Ductwork and Devices	14-Jan-20*	14-Jan-20	1	-25																					
SI 510	Prepare WO #4 - New Ductwork and Devices	20-Feb-20*	27-Feb-20	6	-51																					
SI 520	MDAD & Subcontractor Approval of Budget WO #4 - 03/16/20	28-Feb-20	16-Mar-20	12	-51																					
SI 530	Fabrication & Delivery of New Ductwork & Devices	17-Mar-20	23-Mar-20	5	-51																					
SI 540	Install New Ductwork and Devices	24-Mar-20	27-Mar-20	4	-51																					
<b>CONSTRUCTION</b>		17-Apr-20	19-Feb-21	217	-267																					
<b>NEW WORK</b>		17-Apr-20	19-Feb-21	217	-267																					
<b>FINISHES</b>		17-Apr-20	08-May-20	16	-72																					
A-2.0 E 35	Finish Painting Interior Wall, Ceiling, and Door	17-Apr-20	22-Apr-20	4	-65																					
A-2.0 A 07	Install VCT	04-May-20	08-May-20	5	-72																					
<b>BATHROOMS</b>		17-Apr-20	21-Apr-20	3	-65																					
A-2.0 B 49	Install Acoustical Ceiling Grid	17-Apr-20	21-Apr-20	3	-65																					
<b>TRIM</b>		11-May-20	19-Feb-21	201	-267																					
A-2.0 A 17	Install Rubber/Tile Baseboard	11-May-20	13-May-20	3	-72																					
A2.0 A 230	Final Cleaning	18-Feb-21	19-Feb-21	2	-267																					
<b>PROJECT CLOSE OUT</b>		20-Feb-21	04-Mar-21	13	-379																					

Exhibit 7 – Event Delay No.5 New Ductwork & Devices

### 7.0 – NEW FIRE DAMPERS

RFI #015 requested confirmation if no fire dampers are needed in the existing firewall. A/E replied that fire dampers are needed

#### 7.1-TIME IMPACT ANALYSIS OF EVENT DELAY

MDAD PM approved RWP #5 on 03/17/20. Due to COVID-19 pandemic, materials were delivered to jobsite on 05/03/20. Subcontractor installed new fire dampers. However; installation and connection will complete once bathroom wall has been completed. This is an open ended concurrent delay.

#### 7.2 - OVERALL IMPACT ON SCHEDULE

Event Delay is impacting the following activities:

- A-2.0 E 35 – Finish Painting Interior Wall, Ceiling & Door
- A-2.0 A 07 – Install VCT
- A-2.0 B 49 – Install Acoustical Ceiling Grid
- A-2.0 A 17 – Install Rubber Tile / Baseboard

Activity ID	Activity Name	Start	Finish	At Completion Duration	Total Float	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
<b>Total</b>		23-Sep-19	20-Apr-21	576	-434																								
<b>MIA - AIRSIDE BREAK ROOM - BASELINE - TIA #1</b>		23-Sep-19	20-Apr-21	576	-434																								
<b>GENERAL CONDITIONS</b>		23-Sep-19	23-Sep-19	0	-415																								
GC 100	NTP (Sept-23-19)	23-Sep-19		0	-415																								
<b>SCHEDULE DELAYS</b>		07-Jan-20	21-Jan-21	269	-266																								
<b>EVENT DELAY NO. 6 New Fire Dampers</b>		07-Jan-20	19-Jan-21	267	-266																								
SI 600	RF# 015 - Fire Dampers & fire rated wall requirements	07-Jan-20*	10-Jan-20	4	-45																								
SI 610	Prepare WO #5 - New Fire Dampers	20-Feb-20*	27-Feb-20	6	-73																								
SI 620	MDAD & Subcontractor Approval of Budget WO #5- 3/ 17/20	28-Feb-20	17-Mar-20	13	-73																								
SI 630	Fabrication & Delivery of Fire Dampers	18-Mar-20	10-Apr-20	18	-73																								
SI 640	Install & Connect New Fire Dampers	13-Jan-21	19-Jan-21	5	-266																								
<b>EVENT DELAY NO. 7 Collapsed Fiberglass Duct</b>		20-Jan-21	21-Jan-21	2	-266																								
SI 720	Install Collapsed Fireglass Duct	20-Jan-21	21-Jan-21	2	-266																								
<b>CONSTRUCTION</b>		22-Jan-21	15-Apr-21	60	-306																								
<b>NEW WORK</b>		22-Jan-21	15-Apr-21	60	-306																								
<b>FINISHES</b>		22-Jan-21	10-Feb-21	14	-266																								
A-2.0 A01a	Install Acoustical Ceiling System	22-Jan-21	28-Jan-21	5	-266																								
A-2.0 E 35	Finish Painting Interior Wall, Ceiling, and Door	29-Jan-21	03-Feb-21	4	-266																								
A-2.0 A07	Install VCT	04-Feb-21	10-Feb-21	5	-266																								
<b>TRIM</b>		11-Feb-21	15-Apr-21	46	-306																								
A-2.0 A 17	Install Rubber/Tile Baseboard	11-Feb-21	15-Feb-21	3	-266																								
A2.0 A 230	Final Cleaning	14-Apr-21	15-Apr-21	2	-306																								
<b>PROJECT CLOSE OUT</b>		16-Apr-21	20-Apr-21	5	-434																								

Exhibit 8 – Event Delay No.6 New Fire Dampers

### 8.0 – COLLAPSED FIBER DUCT

The subcontractor found an existing fiberflass duct in the ceiling of the bathroom that collapsed and needed to be replaced.

#### 8.1-TIME IMPACT ANALYSIS OF EVENT DELAY

WO #6 was submitted on 02/28/20 - MDAD approved WO #6 by email on 03/16/20. A hard ceiling finish has been decided at bathroom ceiling.This is a concurrent open ended delay.

#### 8.2 - OVERALL IMPACT ON SCHEDULE

Event Delay is impacting the following activities:

- A-2.0 E 35 – Finish Painting Interior Wall, Ceiling & Door
- A-2.0 A 07 – Install VCT
- A-2.0 B 49 – Install Acoustical Ceiling Grid
- A-2.0 A 17 – Install Rubber Tile / Baseboard

Activity ID	Activity Name	Start	Finish	At Completion Duration	Total Float	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	
<b>Total</b>		08-Jan-20	24-Feb-21	414	-379																					
<b>MIA - AIRSIDE BREAK ROOM - BASELINE - TIA #1</b>		08-Jan-20	24-Feb-21	414	-379																					
<b>SCHEDULE DELAYS</b>		08-Jan-20	21-Apr-20	75	-72																					
EVENT DELAY NO. 3 Replacement of Existing Sewer Pipe and New Valve		08-Jan-20	23-Jan-20	12	-9																					
EVENT DELAY NO. 7 Collapsed Fiberglass Duct		26-Feb-20	21-Apr-20	40	-73																					
SI 700 Prepare WO #6 - Collapsed Fiberglass Duct		26-Feb-20*	28-Feb-20	3	-49																					
SI 710 MDAD & Subcontractor Approval of WO #6 -03/16/20		02-Mar-20	16-Mar-20	11	-49																					
SI 720 Install Collapsed Fireglass Duct		20-Apr-20	21-Apr-20	2	-73																					
<b>CONSTRUCTION</b>		22-Apr-20	19-Feb-21	214	-267																					
<b>NEW WORK</b>		22-Apr-20	19-Feb-21	214	-267																					
<b>FINISHES</b>		22-Apr-20	11-May-20	14	-73																					
A-2.0 A 01a Install Acoustical Ceiling System		22-Apr-20	28-Apr-20	5	-73																					
A-2.0 E 35 Finish Painting Interior Wall, Ceiling, and Door		29-Apr-20	04-May-20	4	-73																					
A-2.0 A 07 Install VCT		05-May-20	11-May-20	5	-73																					
<b>TRIM</b>		12-May-20	19-Feb-21	200	-267																					
A-2.0 A 17 Install Rubber/Tile Baseboard		12-May-20	14-May-20	3	-73																					
A-2.0 A 15 Provide and Install Marble & Aluminum Threshold		15-May-20	15-May-20	1	-73																					
A2.0 A 230 Final Cleaning		18-Feb-21	19-Feb-21	2	-267																					
<b>PROJECT CLOSE OUT</b>		20-Feb-21	24-Feb-21	5	-379																					

Exhibit 9 – Event Delay No.7 Collapsed Fiberglass Duct

**9.0 – CONCRETE FOR FLOOR SLAB**

A/E approved detailed of proposed concrete slab on the ground on 03/10/20.

**9.1-TIME IMPACT ANALYSIS OF EVENT DELAY**

WO# 7 was submitted on 03/11/20. MDAD PM approved cost by email on 03/19/20. Subcontractor began work and completed slab on 3/31/20. This is a concurrent delay of 27 CD.

**9.2 - OVERALL IMPACT ON SCHEDULE**

Event Delay impacted the following activities:

- A-2.0 C 28 – Install Floor Tiles & Patch
- P-0.0 G 12 – Install Urinals, Water Closet and Lavatories
- A-2.0 A 06 – Install Toilet Partitions & Urinal Screens
- A-2.0 A 35 – Install Toilet Accessories

Activity ID	Activity Name	Start	Finish	At Completion Duration	Total Float	J	F	M	A	M	J	J	A	S	J	N	D	J	F	M	A	M	J	J	A	S	D
<b>Total</b>		23-Sep-19	28-Apr-21	584	-434																						
<b>MIA - AIRSIDE BREAK ROOM - BASELINE - TIA #1</b>		23-Sep-19	28-Apr-21	584	-434																						
<b>GENERAL CONDITIONS</b>		23-Sep-19	28-Apr-21	584	-434																						
GC 100	NTP (Sept-23-19)	23-Sep-19		0	-415																						
GC 120	NTP thru Project Final Completion (150 CD)	23-Sep-19	28-Apr-21	584	-434																						
<b>SCHEDULE DELAYS</b>		04-Mar-20	12-Mar-21	264	-306																						
<b>EVENT DELAY NO. 4 Re-build Chase Wall</b>		01-Apr-20	12-Mar-21	244	-306																						
SI 420	Build new chase wall- Pending RWP #15/ RWP #16	01-Apr-20	12-Mar-21	244	-306																						
SI 430	RWP #15 Restroom Wall Revised Layout- Pending Approval	14-Aug-20	12-Mar-21	147	-306																						
SI 440	RWP #16 Restroom Wall Repair- Pending Approval	14-Aug-20	12-Mar-21	147	-306																						
<b>EVENT DELAY NO. 8 Concrete for floor slab</b>		04-Mar-20	31-Mar-20	20	-306																						
SI 800	Prepare WO #7- Additional Concrete for Floor Slab	04-Mar-20*	11-Mar-20	6	-302																						
SI 810	MDAD & Subcontractor Approval of Budget WO #7- 03/19/20	12-Mar-20	19-Mar-20	6	-302																						
SI 820	Compact Soil	26-Mar-20	27-Mar-20	2	-306																						
P-0.0 G 232	Place concrete for slab	30-Mar-20	31-Mar-20	2	-306																						
<b>CONSTRUCTION</b>		15-Mar-21	15-Apr-21	24	-306																						
<b>NEW WORK</b>		15-Mar-21	15-Apr-21	24	-306																						
<b>BATHROOMS</b>		15-Mar-21	13-Apr-21	22	-306																						
A-2.0 C 28	Install Floor Tiles and Patch	15-Mar-21	26-Mar-21	10	-306																						
P-0.0 G 12	Install Urinals, Water Closet and Lavatories	29-Mar-21	02-Apr-21	5	-306																						
A-2.0 A 06	Install Toilet Partitions & Urinal Screens	05-Apr-21	08-Apr-21	4	-306																						
A-2.0 A 35	Install Toilet Accessories	09-Apr-21	13-Apr-21	3	-306																						
<b>TRIM</b>		14-Apr-21	15-Apr-21	2	-306																						
A2.0 A 230	Final Cleaning	14-Apr-21	15-Apr-21	2	-306																						
<b>PROJECT CLOSE OUT</b>		16-Apr-21	28-Apr-21	13	-434																						
PCA 180	Final Inspections	16-Apr-21	20-Apr-21	5	-434																						
PC-190	Substantial Completion (Feb-10-20)		20-Apr-21	0	-434																						
PC-230	Punch List & Cleaning Pack A - General Work	21-Apr-21	28-Apr-21	8	-434																						
PC-240	Final Completion (Feb-19-20)		28-Apr-21	0	-434																						

Exhibit 10 – Event Delay No.8 Concrete for floor Slab

### 10.0 – FIRE DAMPERS PENETRATING NORTH WALL RESTROOM

RFI#019 reflected conflicting dampers/ductwork penetrating at the north wall of the restroom. A/E requested modification of the fire dampers penetrating the north wall of the restroom overhead.

#### 10.1-TIME IMPACT ANALYSIS OF EVENT DELAY

MDAD PM approved work. Due to COVID-19, material was delivered to jobsite on 05/03/20. Subcontractor installed new fire dampers and will complete connections once bathroom wall is installed. This is a concurrent open ended delay

#### 10.2 - OVERALL IMPACT ON SCHEDULE

Event Delay is impacting the following activities:

- A-2.0 E 35 – Finish Painting Interior Wall, Ceiling & Door
- A-2.0 A 07 – Install VCT
- A-2.0 B 49 – Install Acoustical Ceiling Grid
- A-2.0 A 17 – Install Rubber Tile / Baseboard

Activity ID	Activity Name	Start	Finish	At Completion Duration	Total Float	J	A	S	O	N	D	J	F	M	A	M	J	J
<b>Total</b>		23-Sep-19	28-Apr-21	584	-434													
<b>MIA - AIRSIDE BREAK ROOM - BASELINE - TIA#1</b>		23-Sep-19	28-Apr-21	584	-434													
<b>GENERAL CONDITIONS</b>		23-Sep-19	28-Apr-21	584	-434													
GC 100	NTP (Sept-23-19)	23-Sep-19		0	-412													
GC 120	NTP thru Project Final Completion (150 CD)	23-Sep-19	28-Apr-21	584	-434													
<b>SCHEDULE DELAYS</b>		18-Feb-20	19-Jan-21	237	-266													
<b>EVENT DELAY NO. 9 Fiber Dampers penetrating north wall Restroom</b>		18-Feb-20	19-Jan-21	237	-266													
SI 900	RF# 019 - New Duct Pass North Restroom Wall Conflict	18-Feb-20*	13-Mar-20	19	-266													
SI 910	Prepare WO #8 - Fire Dampers penetrating the north wall on the rest	16-Mar-20	26-Mar-20	9	-266													
SI 920	MDAD & Subcontractor Approval of Budget WO #8 -Pending Appro	27-Mar-20	15-Jan-21	207	-266													
SI 930	Install Fiber Dampers penetrating the north wall on the restroom	18-Jan-21	19-Jan-21	2	-266													
<b>CONSTRUCTION</b>		22-Jan-21	15-Apr-21	60	-306													
<b>NEW WORK</b>		22-Jan-21	15-Apr-21	60	-306													
<b>FINISHES</b>		22-Jan-21	10-Feb-21	14	-266													
A-2.0 A01a	Install Acoustical Ceiling System	22-Jan-21	28-Jan-21	5	-266													
A-2.0 E 35	Finish Painting Interior Wall, Ceiling, and Door	29-Jan-21	03-Feb-21	4	-266													
A-2.0 A07	Install VCT	04-Feb-21	10-Feb-21	5	-266													
<b>TRIM</b>		11-Feb-21	15-Apr-21	46	-306													
A-2.0 A 17	Install Rubber/Tile Baseboard	11-Feb-21	15-Feb-21	3	-266													
A2.0 A 230	Final Cleaning	14-Apr-21	15-Apr-21	2	-306													
<b>PROJECT CLOSE OUT</b>		28-Apr-21	28-Apr-21	0	-434													
PC-240	Final Completion (Feb-19-20)		28-Apr-21	0	-434													

Exhibit 11 – Event Delay No.9 Fire Dampers Penetrating North Wall Restroom

### 11.0 – OCCUPANCY SENSORS

RFI #020: Electrical questions were answered by A/E - MDAD requested input from fire Bldg. Dept. requirements on light switches.

### 11.1-TIME IMPACT ANALYSIS OF EVENT DELAY

Pending Approval of RWP #10. This is a critical open ended delay.

### 11.2 - OVERALL IMPACT ON SCHEDULE

Event Delay is impacting the following activities:

- A-2.0 E 35 – Finish Painting Interior Wall, Ceiling & Door
- A-2.0 A 07 – Install VCT
- A-2.0 B 49 – Install Acoustical Ceiling Grid
- A-2.0 A 17 – Install Rubber Tile / Baseboard

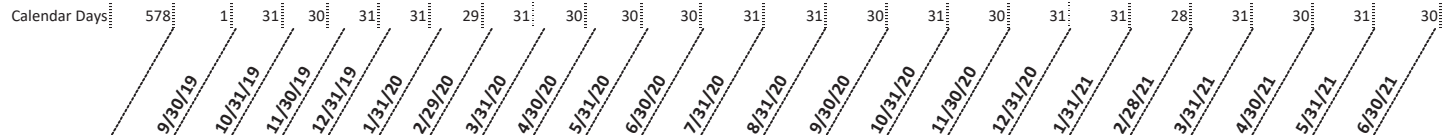


- 11 EVENT DELAY NO.5 NEW DUCTWORK & DEVICES IMPACTED SCHEDULE
- 12 EVENT DELAY NO.6 NEW FIRE DAMPERS
- 13 EVENT DELAY NO.6 NEW FIRE DAMPERS IMPACTED SCHEDULE
- 14 EVENT DELAY NO.7 COLLAPSED FIBERGLASS DUCT
- 15 EVENT DELAY NO.7 COLLAPSED FIBERGLASS DUCT IMPACTED SCHEDULE
- 16 EVENT DELAY NO.8 CONCRETE FLOOR SLAB
- 17 EVENT DELAY NO.8 CONCRETE FLOOR SLAB IMPACTED SCHEDULE
- 18 EVENT DELAY NO.9 FIRE DAMPERS PENETRATING NORTH WALL RESTROOM
- 19 EVENT DELAY NO.9 FIRE DAMPERS N. WALL RESTROOM IMPACTED SCHEDULE
- 20 EVENT DELAY NO.10 OCCUPANCY SENSORS
- 21 EVENT DELAY NO.10 OCCUPANCY SENSORS IMPACTED SCHEDULE
- 22 DELAY OCCURRENCE GRAPH
- 23 PROJECT DELAY TIMELINE GRAPH

MCC-8-10 REFURBISH AIRSIDE OPERATIONS BREAKROOM

Delay Event Occurrence Graph

TIA



DELAY-EVENT OCCURRENCE GRAPH

NTP 09/23/19

PROJECT ORIGINAL DURATION = 150 CD

MCM and MDAD agreed that the project could be completed in the time proposed if the A/E moves in the same expedited mode we are moving. Any issue resolution that deviates from this accord will be reported in this report for any potential Time Impact Analysis that we may be forced to present.

NTP 09/23/19

Original Completion  
150 CD 02/19/20

Proposed Completion

434 CD  
4/28/2021

Event delay No. 1: Demolition of bathroom Chase wall

10/24/19 - 11/24/19: The proposed bathroom renovation required work to be done behind the existing concrete chase wall. The existing chase wall had a crawl space of approximately 12 to 14 inches clear space that was not sufficient to perform the required work. RFI 002 recommended to remove existing CMU chase wall at bathroom side. A/E replied to have the CMU chase wall removed from floor to tie beam and replaced with a steel frame partition wall in the same location. WO #1 was prepared on 11/15/19. MDAD approved work, and demolition of wall completed on 11/24/19. This is a critical 31 CD delay.

Event delay No. 1: Demolition of Bathroom Chase Wall

Event delay No. 2: Replacement of existing water service pipe

12/10/19 - 03/04/20 During the demolition of the sanitary waste piping, the plumbing subcontractor discovered the existing water service pipe was in the way of the WC1 and the need for replacement. RFI #012 submitted a video to show the conditions of the 2" water service pipe. The A/E recommended to relocate/replace the 2" water pipes as required to allow for WC support. The scope of work was performed on Event delay no. 3 - Replacement of Existing Sewer Pipe and New Valve. The additional replacement of the existing water service pipes completed on 03/04/20. This is a critical delay of 85 days.

Event delay No. 2: Replacement of existing water service pipe

Event delay No. 3: Replacement of existing Sewer Pipe and New Valve

01/08/20 - 03/04/20 - The Subcontractor submitted RFI #017 stating that the existing 2" vertical cast iron stack is not functional and does not show any flow. The subcontractor attempted to clear the pipe by flushing the system with fresh water as well as with the use of a mechanically added device without success. The A/E agreed with the contractor's recommendation to cancel and cap off the existing 2" vertical stack and replace the 2" pipe system and water valve. RWP #2 was submitted to MDAD on 01/23/20. MDAD approved the work to move forward on 01/27/20. The subcontractor completed the additional scope of work on

Event delay No. 3: Replacement of Existing Sewer Pipe and New Valve

MCC-8-10 REFURBISH AIRSIDE OPERATIONS BREAKROOM

Delay Event Occurrence Graph

TIA

02/27/20. The subcontractor completed the additional scope of work on 03/04/20.

This affected completion of the concrete pour of slab and completion of wall. This is a critical delay of 56 CD.

**Event delay No. 4: Re-build the Chase wall - Print WO#1**

01/24/20 - OPEN - Once the existing sewer pipe and new valve were installed, and the concrete slab pour, the Subcontractor could build the chase wall. WO# 3 was submitted on 01/24/20. MDAD approved the work on 02/05/20. Metal framing is completed. However; due to additional electrical issues from RFI #008, RFI #020, RFI #021 and additional access panels, the completion of the wall is on hold. Pending Approval of RWP #15 & RWP #16

**Event delay No. 4: Re-Build the Chase Wall**



MCC-8-10 REFURBISH AIRSIDE OPERATIONS BREAKROOM

Delay Event Occurrence Graph

TIA

<p><b>Event delay No. 5: New ductwork and devices</b></p> <p>1/14/20- 05/08/20 - As per Drawing Rev #3, a new metal ductwork and 2 new air distribution devices are required. MDAD approved RWP #4 on 03/16/20. Due to COVID-19, material was delivered to jobsite on 05/03/20. Subcontractor installed new ductwork by 05/08/20. This is a concurrent delay of 115 CD.</p>
<p><b>Event delay No. 6: New fire dampers</b></p> <p>01/07/20-OPEN- On 01/07/20 RFI #015 requested confirmation if no fire dampers are needed in the existing firewall. A/E replied that fire dampers are needed. MDAD PM approved RWP #5 on 03/17/20. Due to COVID-19 pandemic, materials were delivered to jobsite on 05/03/20. Subcontractor installed new fire dampers. However; installation and connection will complete once bathroom wall has been completed. This is an open ended concurrent delay.</p>
<p><b>Event delay No. 7: Collapsed fiberglass duct</b></p> <p>02/26/20- OPEN - The subcontractor found an existing fiberglass duct in the ceiling of the bathroom that collapsed and needed to be replaced. WO #6 was submitted on 02/28/20 - MDAD approved WO #6 by email on 03/16/20. A hard ceiling finish has been decided at bathroom ceiling. This is a concurrent open ended delay.</p>
<p><b>Event delay No. 8: Concrete for floor slab</b></p> <p>03/04/20- 03/31/20 - A/E approved detailed of proposed concrete slab on the ground on 03/10/20. WO# 7 was submitted on 03/11/20. MDAD PM approved cost by email on 03/19/20. Subcontractor began work and completed slab on 3/31/20. This is a concurrent delay of 27 CD.</p>
<p><b>Event delay No. 9: Fire Dampers penetrating north wall of Restroom</b></p> <p>02/18/20- OPEN: RFI#019 reflected conflicting dampers/ductwork penetrating at the north wall of the restroom. A/E requested modification of the fire dampers penetrating the north wall of the restroom overhead. MDAD PM approved work. Due to COVID-19, material was delivered to jobsite on 05/03/20. Subcontractor installed new fire dampers and will complete connections once bathroom wall is installed. This is a concurrent open ended delay .</p>
<p><b>Event delay No. 10: Occupancy Sensors</b></p> <p>03/12/20 - OPEN : RFI #020: Electrical questions were answered by A/E - pending answer from MDAD PM regarding fire Bldg. Dept. requirements on light switches. Pending Approval of RWP #10. This is a critical open ended delay.</p>

Event delay No. 5: New Ductwork and Devices



Event delay No. 6: New Fire Dampers



Event delay No. 7: Collapsed Fiberglass Duct



Event delay No. 8: Concrete for floor slab



Event delay No. 9: Fire dampers penetrating the North Wall of the Restrooms



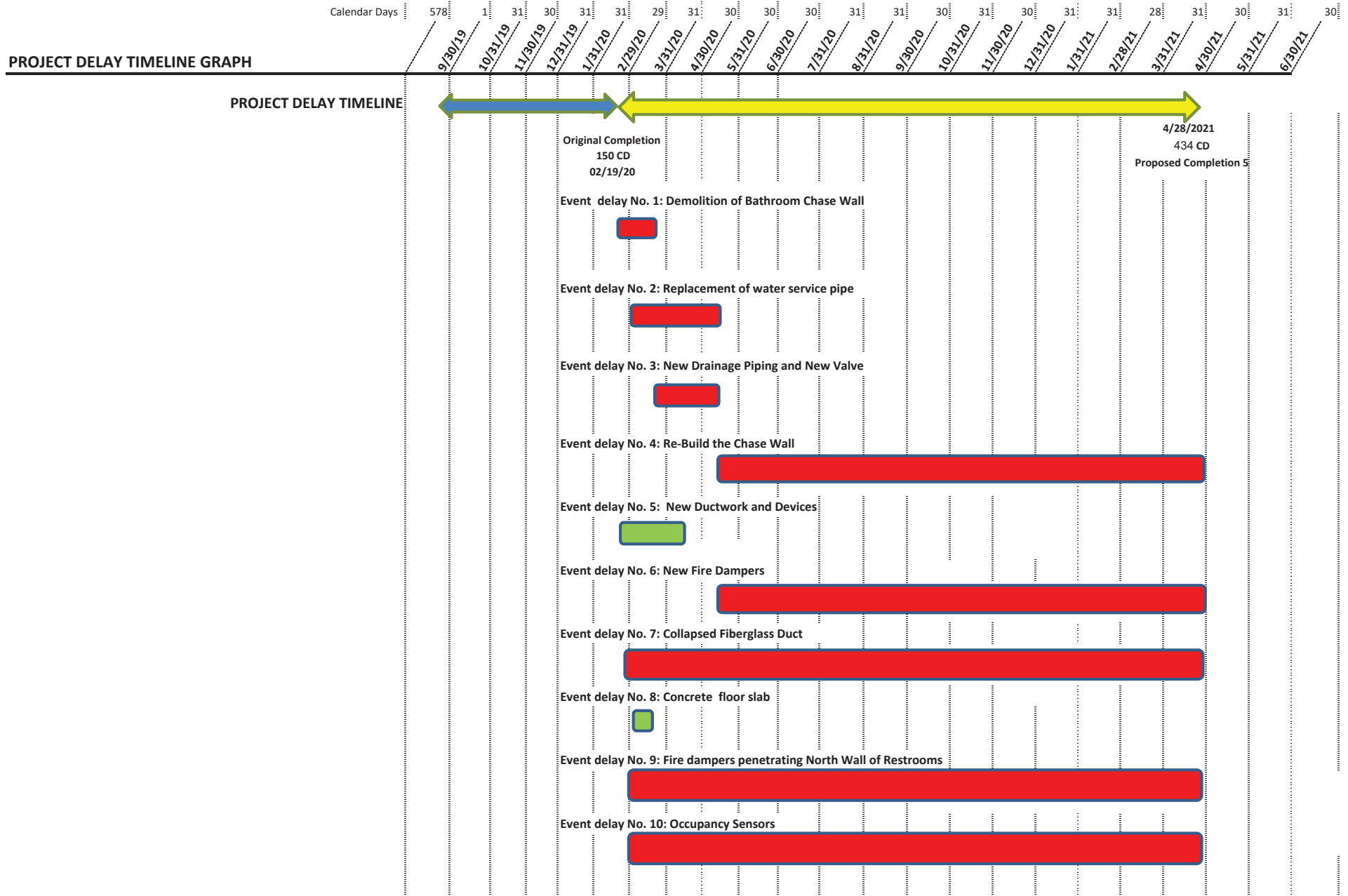
Event delay No. 10: Occupancy Sensors



MCC-8-10 REFURBISH AIRSIDE OPERATIONS BREAKROOM

Delay Event Occurrence Graph

TIA



**Transmittal**

PROJECT NAME MIA- Airside Operation Break Room PROJECT No. U010C

FROM Natalie McCudden TRANSMITTAL No. \_\_\_\_\_

TO Document Control DATE February 16, 2021

REFERENCE Fully Executed Project Order Modification #3

We are forwarding to you...

- CORRESPONDENCE
- SERVICE/WORK ORDERS
- CONTRACT DOCUMENTS
- SHOP DRAWINGS
- SAMPLES

- PROJECT PRINTS
- SPECIFICATIONS
- REPORTS
- OTHER: POM

These are transmitted...

- FOR YOUR USE
- FOR YOUR APPROVAL
- AS YOU REQUESTED
- FOR REVIEW & COMMENT

Directions...

- PLEASE SIGN AND RETURN ALL COPIES
- MAKE CORRECTIONS AS NOTED
- PLEASE RETURN BY: \_\_\_\_\_
- OTHER: \_\_\_\_\_

Medium...

- ORIGINALS
- REPRODUCTIONS

COPIES	ITEM	DATED	DESCRIPTION
1	1	1/29/202	U010C – Fully Executed Project Order Modification #3

SENT VIA:  Facsimile  U.S. Mail  Courier  Interoffice Delivery  Hand Delivery

REMARKS

SIGNED: Natalie McCudden

Printed Name Natalie McCudden

- Distribution: Document Control - Original
- Enrique Perez – MDAD
  - Juan Munilla – MCM
  - Virginia Mirabal – MDAD
  - Elizabeth Ramos - MDAD
  - Jorge Gonzales - MDAD
  - Maribel Westgate – MDAD
  - Sergio Negreira - MDAD
  - Mayra Ramirez – MDAD
  - Lourdes Larrea – HNTB
  - Maritza Casas – HNTB
  - Natalie McCudden - PCI
  - Belinda Martin - PCI
  - Barbara Gonzalez - PCI

Please acknowledge receipt by signing transmittal.

Received by: \_\_\_\_\_