



**W.T. RICH COMPANY, INC.**

**Manchester Memorial  
Elementary School  
Manchester-by-the-Sea, MA**

**MONTHLY CONSTRUCTION REPORT**



*Owner:*  
**Manchester Essex Regional School  
District**  
Manchester-by-the-Sea, MA

*Owner's Project Manager:*  
**Dore & Whittier Management Partners**

*Designer:*  
**JCJ Architecture**  
Boston, MA

*Construction Manager:*  
**W. T. RICH COMPANY, INC.**  
29 Crafts Street, Suite 300  
Newton, MA 02458  
617-467-6010

June 2020

**Manchester Memorial Elementary School  
Monthly Construction Report Summary – June 2020**

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**Manchester Memorial Elementary School  
Monthly Construction Report Summary – June 2020**

**SECTION 2 - PROJECT SCHEDULE UPDATE**

**Summary:**

Our attached schedule update has a **data date of 6/30/2020**, so is inclusive of all progress through this date. Below are several notes in summary of progress and anticipated schedule, shown in our schedule update.

**Permitting:**

- WTR and owner met with Fire department to review Phase 1 turnover logistics.
- Phase 1 final inspections to start end of July.

**Phase 1 – Upcoming Critical Path Milestones (per Updated P6 Schedule):**

MILESTONE ACTIVITY	PREV PROJECTED P6 COMPLETION	ACTUAL COMPLETION DATE
2 <sup>nd</sup> Floor Finishes for Rough Clean / WTR WTC list	6/26/20	6/26/20
1st Floor Finishes for Rough Clean WTR WTC list	7/6/20	6/30/20
Fire Alarm Programming and Testing	7/13/20	
HVAC Testing and Balancing	8/3/20	

**June Summary of Phase 1 Progress:**

- Phase 1 CP-3 Soffit panels ongoing, 50% complete.
- Phase 1 SF/CW 99% completed.
- Temporary Stairs Completed.
- West Stairs formed and poured, west ramp ramp formed ready to pour.
- Gas work order complete, finishing up building tie-in for plumbing inspection
- Ongoing elevator installation, hoistway and cab finishes.
- Second Floor
  - Interior Finishes near complete, flooring in, millwork installed, Div 10 Ongoing.
  - Rough-Clean complete and WTC Lists developed.
- First Floor (1 week behind Second floor)
  - Interior Finishes near complete, flooring in, millwork installed, Div 10 Ongoing.
  - Rough-Clean complete and WTC Lists developed.
- Phase 2 Abatement Complete.
- Phase 2 Demo 90% Complete.

**July Look Ahead:**

- Phase 1 Scuppers to be cut in and flashed. Field measure for edge metal.
- Phase 1 CP-3 Soffit panels to be completed
- Phase 1 SF/CW final glass to be completed.
- Architect's punchlist scheduled for July 13 (2<sup>nd</sup> floor) July 20 (1<sup>st</sup> Floor).

- Exterior Complete and punchlist generated.
- Final clean anticipated.
- Testing and Balancing of HVAC systems to be completed
- Fire alarm testing and programming to be completed.
- Engineer Affidavits to be completed.
- All Local AHJ inspections to be completed (building inspection / TCO date 8/7/20)
- Phase 2 working platform grading to be completed.
- Helical RAP's installation anticipated.

**Manchester Memorial Elementary School  
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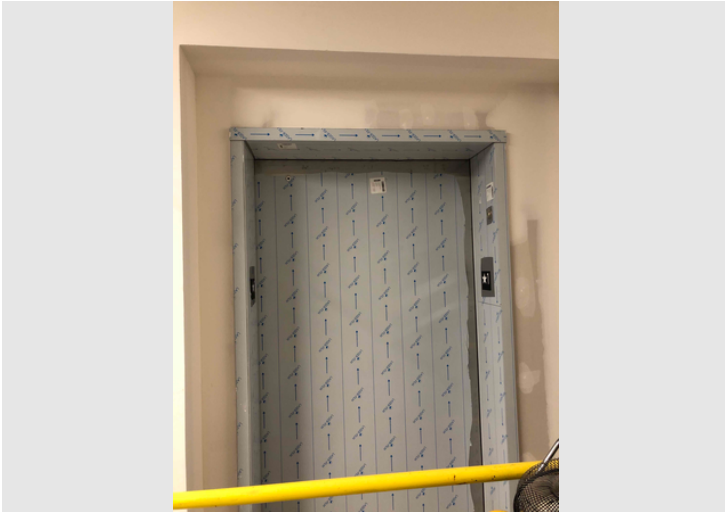
**SECTION 2 – PROGRESS PHOTOS**



W.T. Rich Company

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43 Lincoln Street  
Manchester by the Sea, Massachusetts 01944



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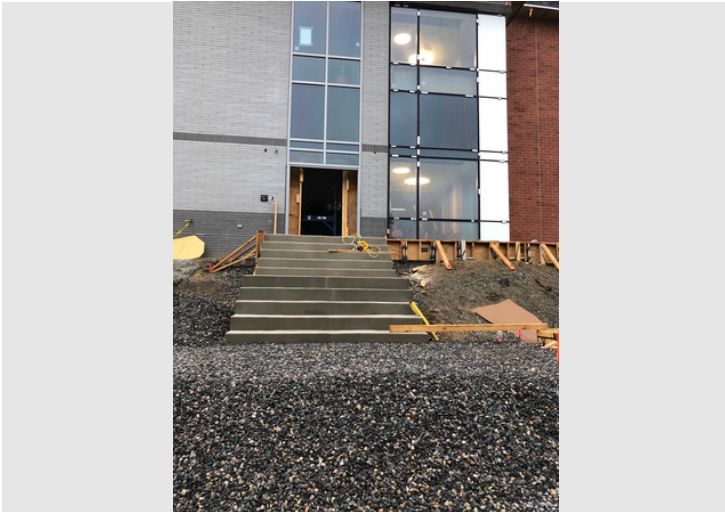
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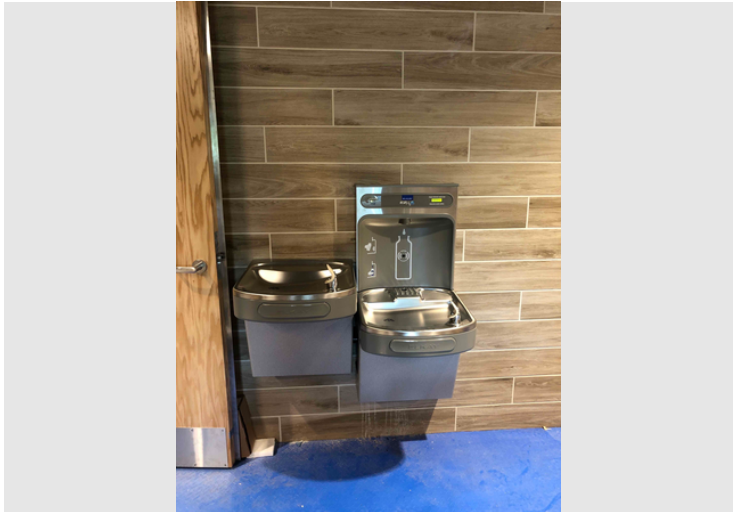
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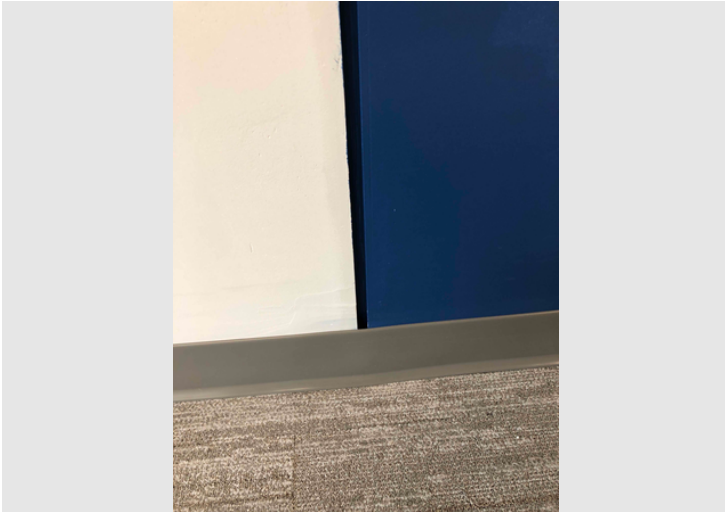
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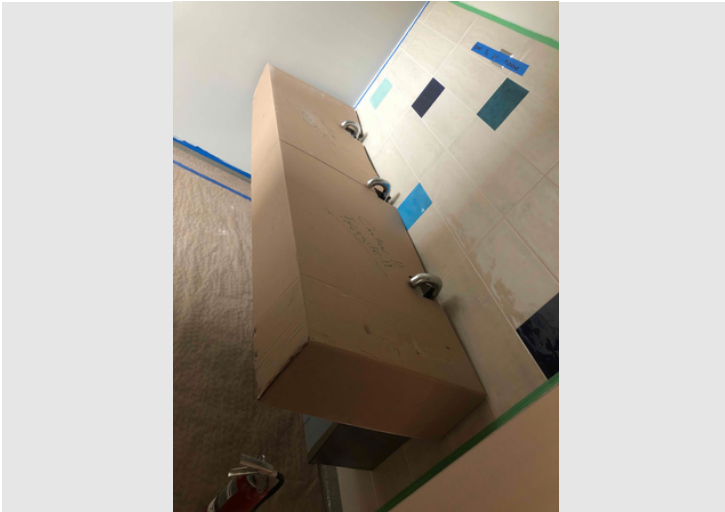
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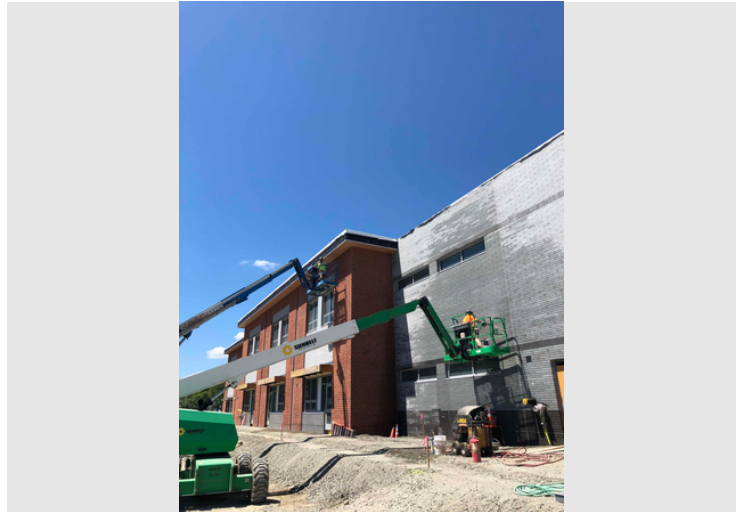
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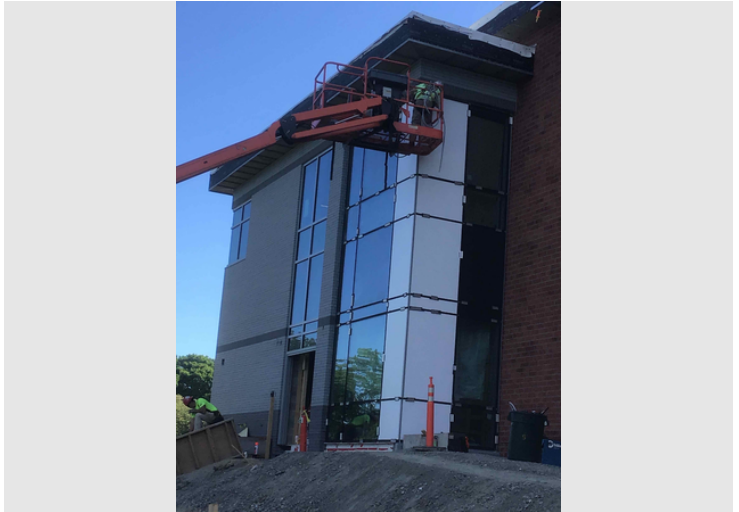
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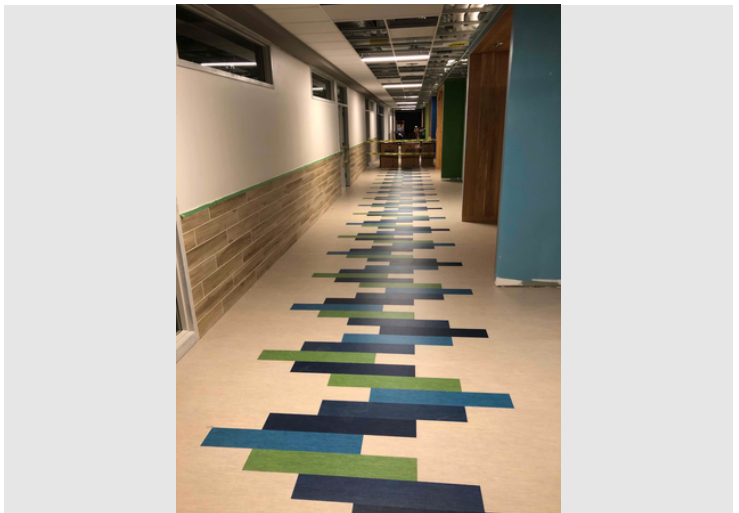
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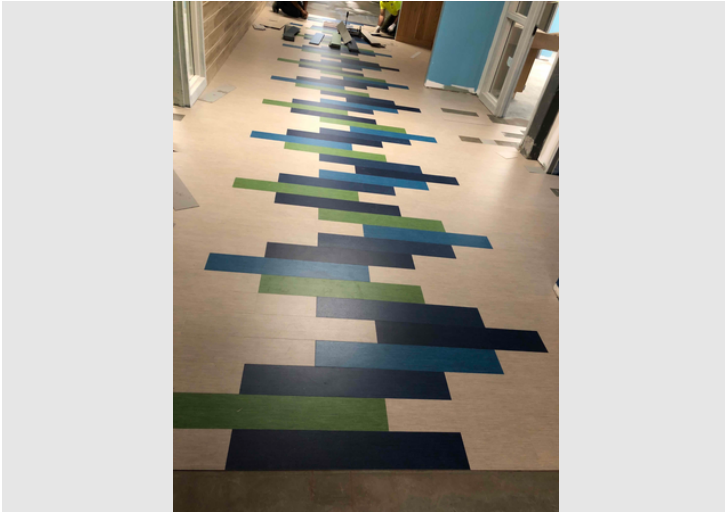
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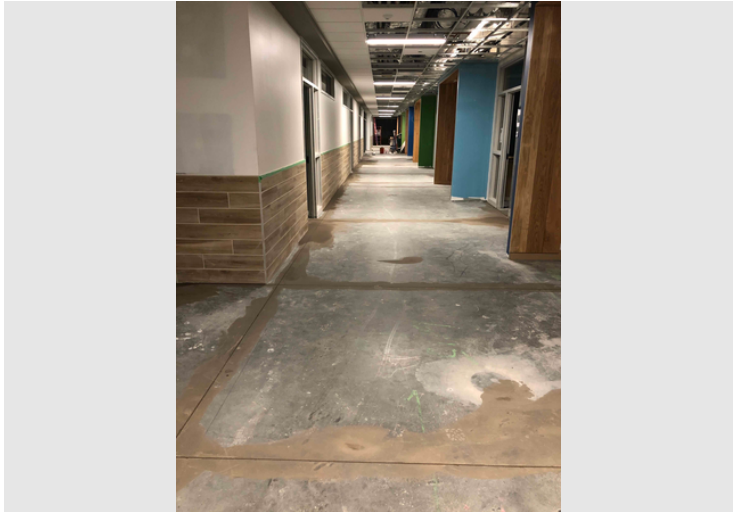
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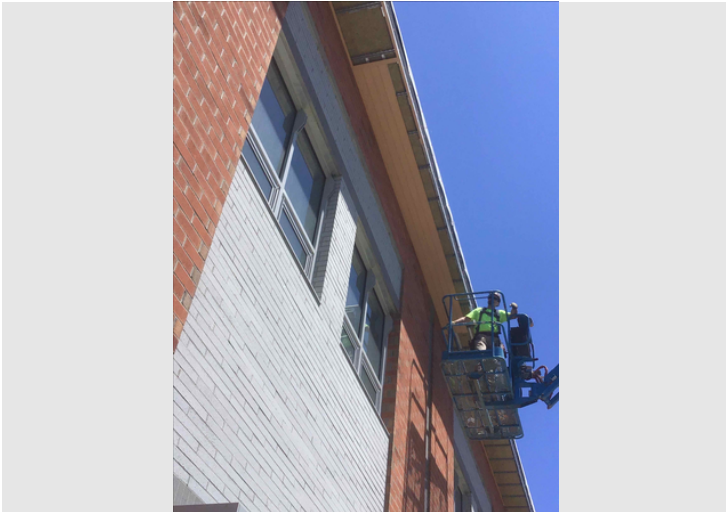
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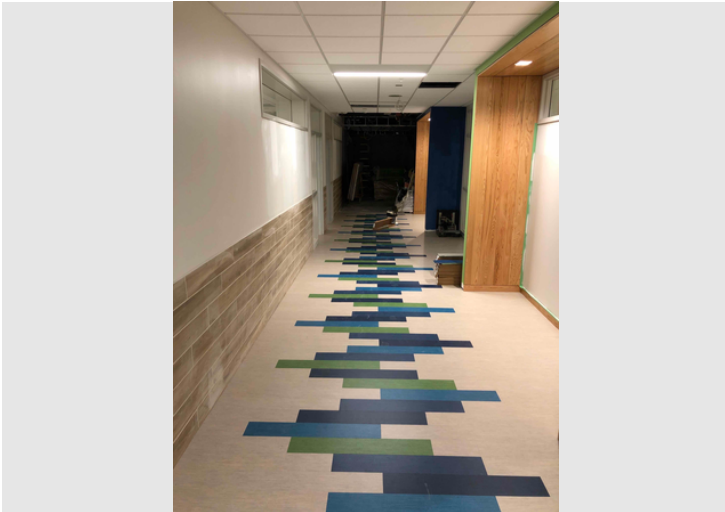
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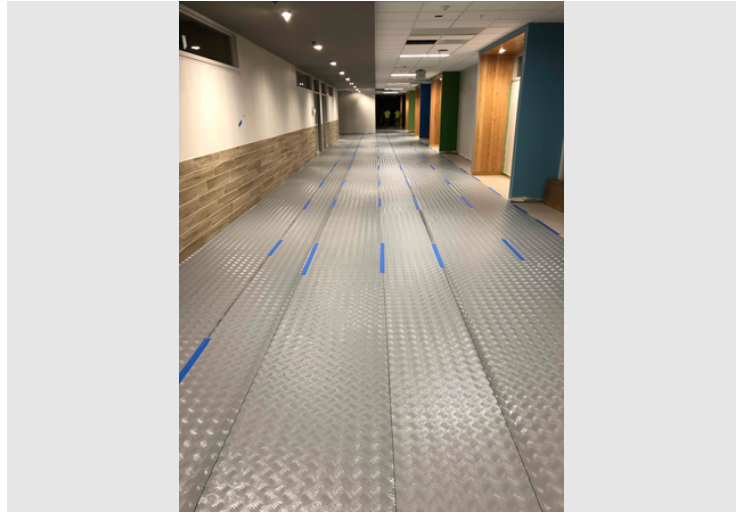
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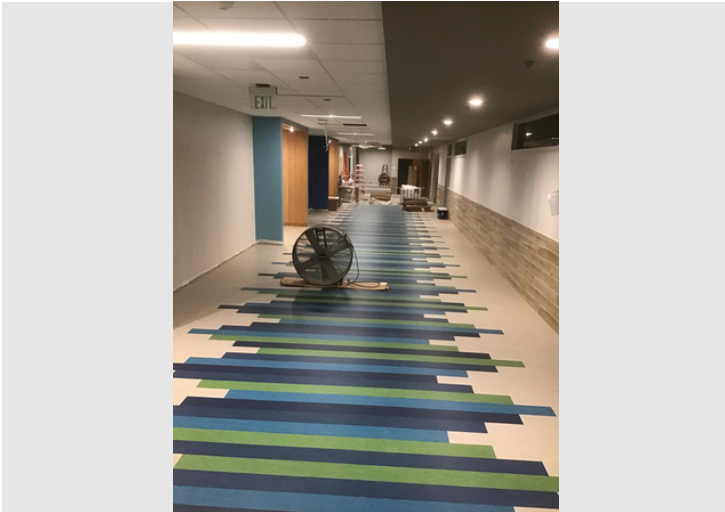
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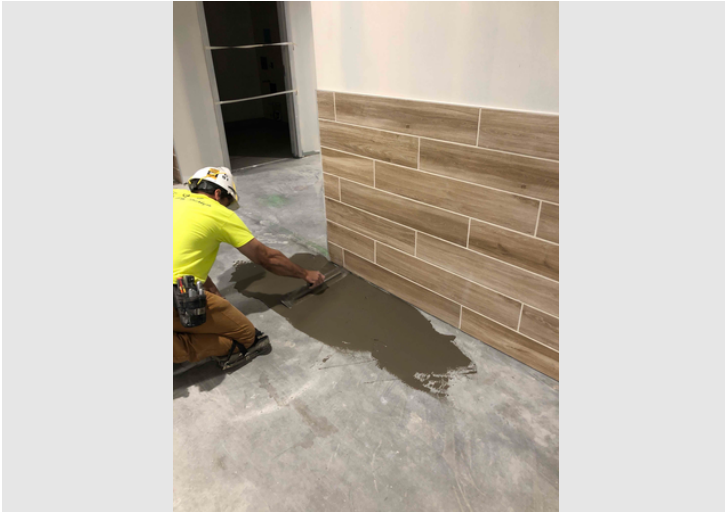
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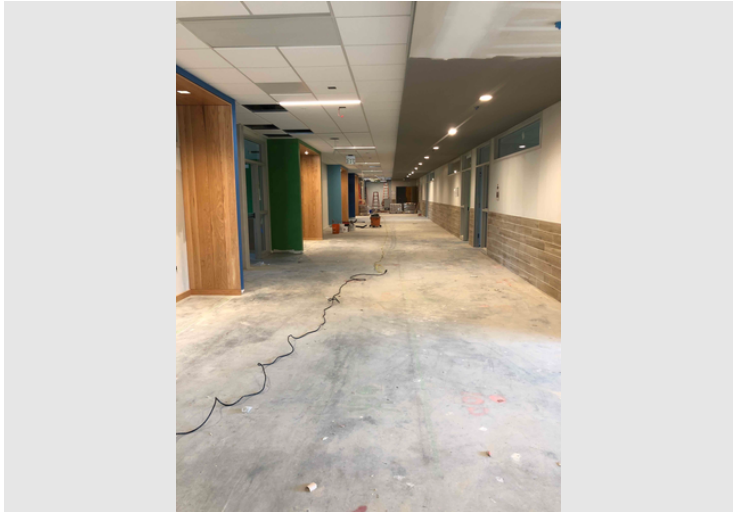
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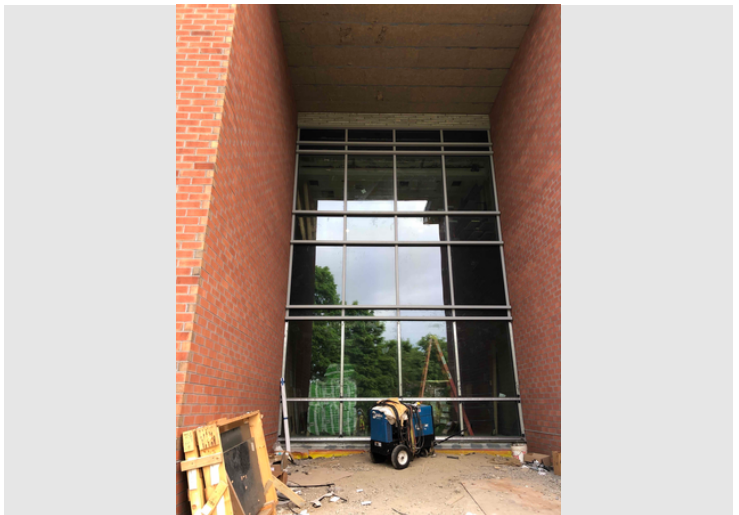
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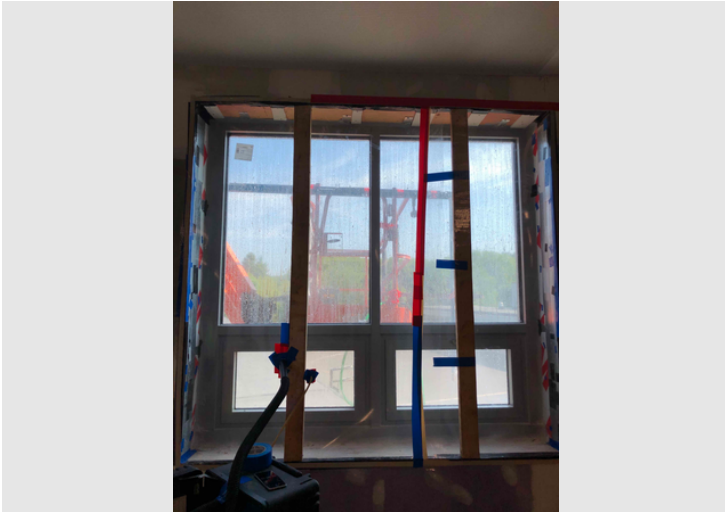
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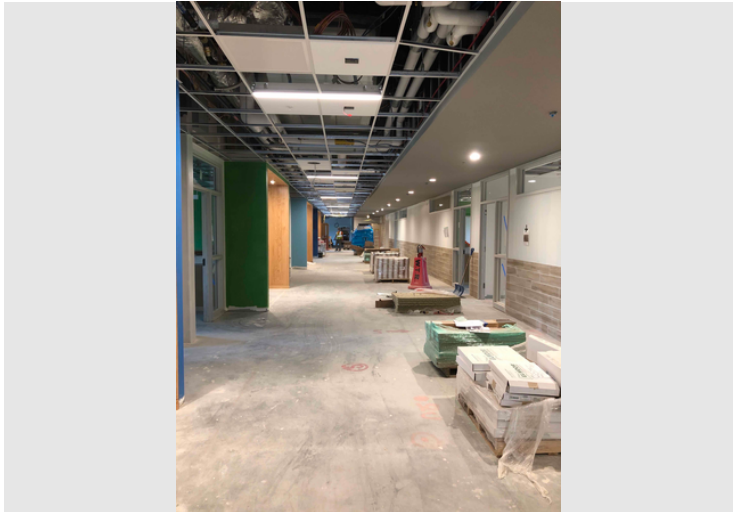
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File Name

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Description

Taken Date

2020/06/02 11:07:12

Uploaded By

Trishya Patel

Upload Date

2020/06/02 11:09:25

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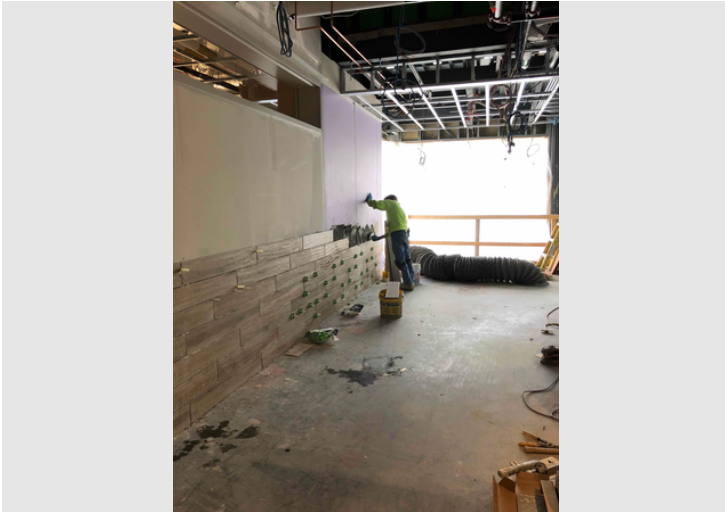
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W.T. Rich Company

Printed on Fri Jul 3, 2020 at 01:29 pm EDT

Job #: 201802 Manchester Memorial Elementary School  
43 Lincoln Street  
Manchester by the Sea, Massachusetts 01944



Description

Taken Date

2020/06/02 11:06:55

Uploaded By

Trishya Patel

Upload Date

2020/06/02 11:08:37

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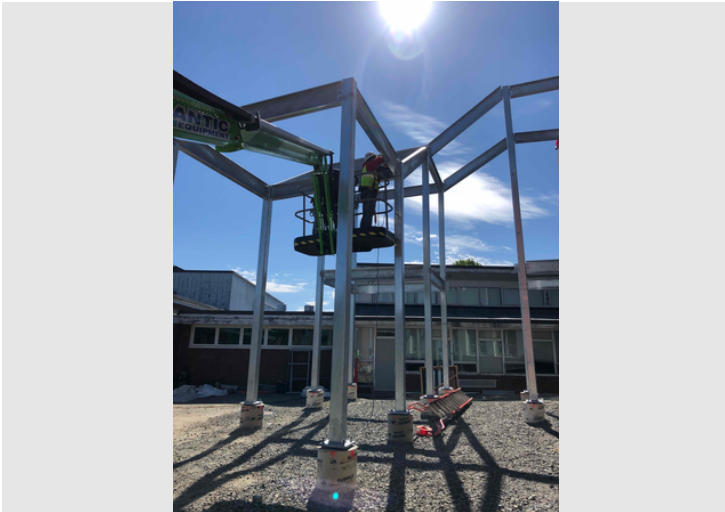
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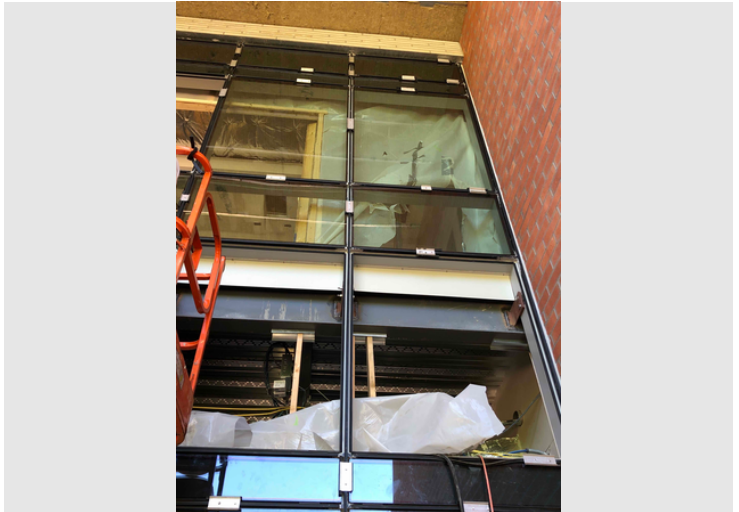
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2020/06/02 09:20:04

Uploaded By

Trishya Patel

Upload Date

2020/06/02 10:23:18

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W.T. Rich Company

Printed on Fri Jul 3, 2020 at 01:29 pm EDT

Job #: 201802 Manchester Memorial Elementary School  
43 Lincoln Street  
Manchester by the Sea, Massachusetts 01944



Description

Taken Date

2020/06/02 09:03:18

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Rick Lawrence

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2020/06/12 14:17:32

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Description

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2020/06/02 07:18:38

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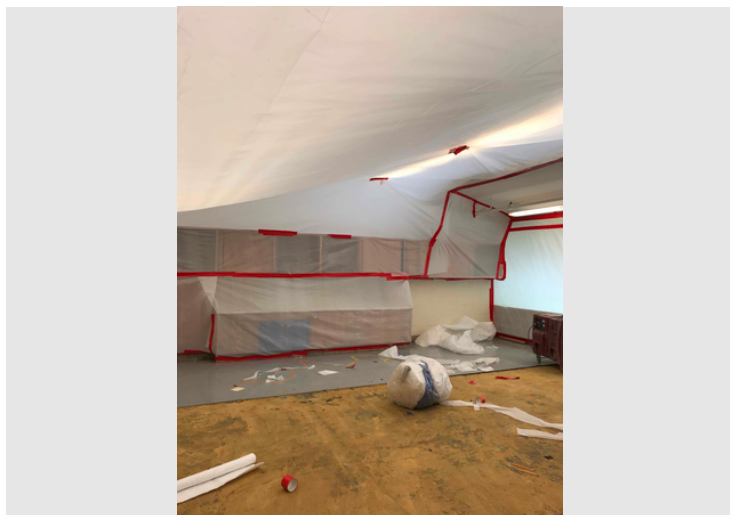
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Upload Date

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Taken Date

2020/06/01 13:06:05

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Rick Lawrence

Upload Date

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W.T. Rich Company

Printed on Fri Jul 3, 2020 at 01:29 pm EDT

Job #: 201802 Manchester Memorial Elementary School  
43 Lincoln Street  
Manchester by the Sea, Massachusetts 01944



Description

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Rick Lawrence

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W.T. Rich Company

Printed on Fri Jul 3, 2020 at 01:29 pm EDT

Job #: 201802 Manchester Memorial Elementary School  
43 Lincoln Street  
Manchester by the Sea, Massachusetts 01944



Description

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2020/06/01 11:38:28

Uploaded By

Rick Lawrence

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Description

Taken Date

2020/06/01 11:30:51

Uploaded By

Rick Lawrence

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Description

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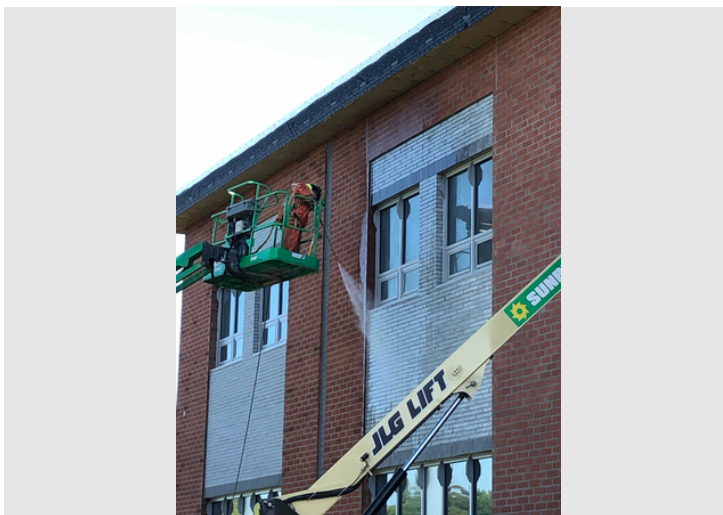
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Uploaded By

Trishya Patel

Upload Date

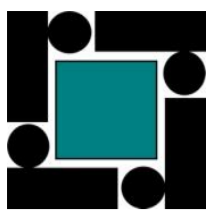
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**Manchester Memorial Elementary School  
Monthly Construction Report Summary – June 2020**

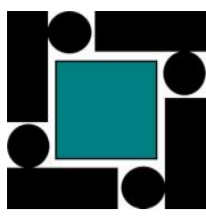
**SECTION 3 – ATTACHMENTS**



W.T. Rich Company - Look Ahead Schedule  
Manchester Memorial Elementary School

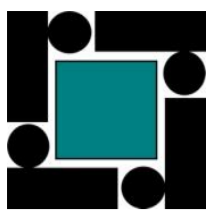
Updated: 7/2/2020

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						6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30	7/1	7/2	7/3	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/11	7/12
Milestone/Activity Description	Responsibility	First Delivery	Initial Inspection	Start Date	End Date																					
UPCOMING MILESTONES / GENERAL																										
Exterior Masonry Wash Down	JDB			Complete	Complete																					
Curtain Wall / Storefront (CW 18 & 19 week of 7/13)	JDB			TBD	TBD																					
2nd Floor Ready to Close ACT Ceilings	JDB		Completed	Complete	CComplete																					
1st Floor Ready to Close ACT Ceilings	JDB			Complete	Complete																					
HVAC Start Ups & Testing ** (Gas anticipated 6/24/20)	JDB			07/09/20	TBD																					
Elevator Installation	JDB			05/26/20	07/07/20																					
HVAC Testing & Balancing	JDB																									
MEP/FP Completion Milestones																										
Elevator inspection	SK			No Later than	06/30/20																					
Generator	SK			07/06/20	07/10/20																					
MEP Final Inspections Complete	SK			No Later than	07/16/20																					
FA Testing Complete	SK			No Later than	07/16/20																					
T&B Air report	SK			No Later than	07/24/20																					
T&B HW report	SK			No Later than	08/03/20																					
Fire Dept Inspection	SK			No Later than	07/24/20																					
Engineering Affidavits	SK			No Later than	07/27/20																					
Electrical Inspector Sign-off	SK			No Later than	07/27/20																					
Plumbing Inspector Sign-off	SK			No Later than	08/03/20																					
Building Interior - SECOND FLOOR																										
Annese Electric																										
Fire caulk EMR and ER	BA			06/15/20	06/26/20																					
Install Tel/data racks & cable tray	SK			05/26/20	TBD																					
UPS, Transformer, ATS in Elec Room - target Complete (Pending RFI #204)	SK				TBD																					
Motorize door - target complete	SK				07/15/20																					
Clocks and PA - target complete	SK				07/15/20																					
Sound System - target complete	SK				07/15/20																					
Security - target complete	SK				07/15/20																					
Test Fire Alarm - Target Complete	SK				07/15/20																					
Lighting Control System - target complete	SK				07/15/20																					
Kiln Wiring and Exhaust Fan	SK				07/15/20																					
E. Amanti & Sons Plumbing																										
Install sinks in millwork	SK			05/18/20	07/07/20																					
Install bathroom fixtures	SK			06/17/20	06/24/20																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					
E. Amanti & Sons HVAC																										
RP west CW 18 delayed	BA			06/30/20	07/03/20																					
RP at CW 20 add	SK			06/30/20	07/03/20																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					
Manganaro																										
Install FW-1	BA			06/24/20	TBD																					
Board and Tape Hard Ceilings - (Firestopping Inspection - reference RFI 177) TBC	SB			TBD	06/30/20																					
Stair 1 ceiling ( delayed temp stairs)	BA			07/06/20	07/09/20																					
Taping Corridors Ready for Ceiling Tiles (Review Fire Walls - waiting FS inspection)	SB			TBD	TBD																					
Drywall end of corridor west	BA			06/22/20	07/01/20																					
Division 10/11 Installation	BA			06/24/20	TBD																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					
O'Byrne Painting																										
Paint dry erase areas	BA			07/13/20	07/17/20																					
Prime and first coat touchup	BA			Complete	Complete																					
Finish Paint All Classrooms	BA			05/21/20	07/17/20																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					



Manchester Memorial Elementary School

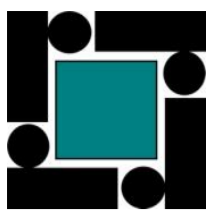
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						6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30	7/1	7/2	7/3	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/11	7/12
Milestone/Activity Description	Responsibility	First Delivery	Initial Inspection	Start Date	End Date																					
The Waterproofing Co																										
Interior Caulking Door Frames & Borrowed Lights	AC			Complete	Complete																					
Caulk Countertops windows & millwork	AC			06/18/20	06/22/20																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					
H Carr																										
Install Grid at end of corridor west ( delay )	BA			Complete	Complete																					
Install grid spacers at wall angle	JDB			06/16/20	06/24/20																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					
Cogswell Sprinkler																										
Install Drops in Ceiling	JDB			06/18/20	06/23/20																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					
A&A Windows																										
Temp door glass?	SB			TBD	07/02/20																					
Complete CW 18&19 snap trim & glass	SB			06/22/20	TBD																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					
Nova Woodworking																										
Work to complete / Initial Punch	SB			06/22/20	06/26/20																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					
Joseph Cohn & Sons																										
Install Corridor Tile - (Stair #1 End)	SB			07/01/20	07/03/20																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					
CJM																										
Install Vinyl Floor Tile (2nd Shift)	TP			07/03/20	TBD																					
Install Base	TP			06/24/20	07/01/20																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					
Pavilion																										
Install Carpet	TP			Complete	Complete																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					
Resinous Flooring																										
Install Resinous Flooring Overdue, Repairs	SB			05/26/20	07/03/20																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					
TCI																										
Install Doors and Hardware ( weather strip to be reviewed)	SB			06/22/20	07/03/20																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					
Walker Specialties																										
Field Measure	SB			Complete	Complete																					
Install Window Shades	SB			07/06/20	07/10/20																					
Northshore Steel																										
Install Stair #1 Hand Rails	SB			Complete	Complete																					
Metro Cleaning																										
Rough Clean for Punchlist / HVAC Testing and Balancing	SB			06/24/20	06/26/20																					
Won Door																										
Corridor Folding partitions	SB			07/01/20	07/06/20																					
WTR Pre Punch list, work to complete list	SB			TBD	TBD																					
MMES Team																										
Above ceiling inspection hard ceilings / Fire Rating	SB			Complete	06/30/20																					
Above ceiling inspection classrooms	SB			Complete	Complete																					
Fire Caulking inspection	SB			TBD	06/30/20																					
WTR Pre Punch list, work to complete list	SB			06/24/20	07/06/20																					
JCJ Punchlist	SB			07/06/20	07/10/20																					
Building Interior - FIRST FLOOR																										
Annese Electric																										
Smoke / Fire / Sound Sealent * overdue	SB			03/12/20	06/29/20																					
Install Tel/Data & Lighting Controls	JDB			04/06/20	TBD																					
Install Security Wiring	JDB			04/06/20	TBD																					



W.T. Rich Company - Look Ahead Schedule  
Manchester Memorial Elementary School

Updated: 7/2/2020

						MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN
						6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30	7/1	7/2	7/3	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/11	7/12
Milestone/Activity Description	Responsibility	First Delivery	Initial Inspection	Start Date	End Date																					
Motorize door - target complete	SK																									
Clocks and PA - target complete	SK			TBC	07/15/20																					
Sound System - target complete	SK			TBC	07/15/20																					
Security - target complete	SK				07/15/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Test Fire Alarm - Target Complete	SK				07/15/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Lighting Control System - target complete	SK				07/15/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Kiln Wiring and Exhaust Fan	SK				07/15/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
E. Amanti & Sons Plumbing																										
Smoke / Fire / Delay - delay	SB			03/12/20	TBD	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Install bathroom fixtures ( delay flooring)	BA			06/25/20	07/03/20				X	X			X	X	X	X	X									
Install custodian sink - delay flooring	BA			06/25/20	07/03/20				X	X			X	X	X	X	X									
Install Gas Tie-in (meter) (NGrid Delay - TBD)	JDB			06/24/20	07/02/20			X	X	X			X	X	X	X										
Tie in classroom Sinks	JDB			06/15/20	06/24/20	X	X	X																		
E. Amanti & Sons HVAC																										
Smoke / Fire / Sound Sealent - delay	SB			03/12/20	TBD	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Top of elevator Shaft Controls	JDB			Complete	Complete																					
Install Radiant Panels (not set in hard ceilings - trim TBC) RFI 198 CW 20	JDB			05/01/20	TBD	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Manganaro																										
Board and Tape Hard Ceilings - (Firestopping Inspection - reference RFI 177) TBC	SB			TBD	06/30/20																					
Fire Stopping	SB			TBD	06/30/20																					
Div 10 Tack Baords, toilet partitions	BA			07/01/20	07/06/20										X	X	X			X						
Install FWP corridors	BA			06/24/20	07/07/20			X	X	X			X	X	X	X	X			X	X					
Stair 1 drywall ( delay temp Stair)	BA			TBD	TBD																					
Drywall end of corridor West ceiling	BA			06/22/20	07/02/20	X	X	X	X	X			X	X	X	X										
O'Byrne Painting																										
Touch up Prime + First Coat	BA			Complete	Complete																					
Paint art room 117 ceiling	BA			07/02/20	07/03/20											X	X									
Prime and first coat corridors	BA			Complete	Complete																					
Finish Paint	BA			06/08/20	07/17/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Dry erase paint	BA			07/17/20	07/23/20																					
H Carr																										
Grid install Art Room	JDB			07/06/20	07/07/20															X	X					
White out Classrooms Ceiling	JDB			06/22/20	06/26/20	X	X	X	X	X																
Grid in corridors West	JDB			TBD	06/30/20																					
Install grid spacers at wall angle	JDB			06/22/20	07/17/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Joseph Cohn & Sons																										
Corridor Tile at CW 18 * delay CW 18	SB			07/01/20	07/03/20										X	X	X									
SOEP																										
Spray acoustical in art room ceilings Repair	SB			Complete	Complete																					
CJM																										
Install Corridor Floor tile west	TP			07/02/20	07/03/20											X	X									
Install Stair #1 rubber flooring	TP			TBD	TBD																					
Install Vinyl Floor Tile	TP			06/16/20	06/26/20	X	X	X	X	X																
Vynal Base	TP			06/29/20	07/03/20								X	X	X	X	X									
Pavilion																										
Install Carpet	TP			06/25/20	07/02/20				X	X			X	X	X	X										
Resinous Flooring																										
Install Resinous Flooring (both floors ready) Repairs	JDB			06/01/20	07/03/20	X	X	X	X	X			X	X	X	X	X									
TCI																										
Install Doors and Hardware	SB			06/24/20	07/03/20			X	X	X			X	X	X	X	X									
Walker Specialties																										
Field Measure	BA			Complete	Complete																					
Install Window Shades	BA			07/06/20	07/10/20															X	X	X	X	X		
ALL																										

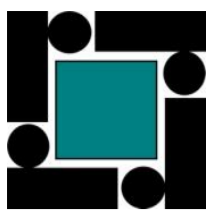


W.T. Rich Company - Look Ahead Schedule

Manchester Memorial Elementary School

Updated: 7/2/2020

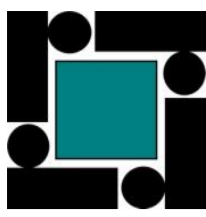
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						6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30	7/1	7/2	7/3	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/11	7/12
Milestone/Activity Description	Responsibility	First Delivery	Initial Inspection	Start Date	End Date																					
Above ceiling inspection	BA/TP			Complete	Complete																					
Metro Cleaning																										
Rough Clean for Punchlist / HVAC Testing and Balancing	JDB			06/29/20	07/10/20								X	X	X	X	X			X	X	X	X	X		
Won Door																										
Corridor Folding partitions	BA			07/08/20	07/10/20																	X	X	X		
MMES Team																										
Fire Caulking inspection	SB			TBD	07/30/20																					
WTR Pre Punch list, work to complete list	JDB			07/02/20	07/10/20											X	X			X	X	X	X	X		
JCJ Punchlist	JDB			07/13/20	07/17/20																					
Building EXTERIOR																										
Annese Electric																										
Card Access	SK			TBD	TBD																					
Tie in existing building FA security, tel data	JDB			06/22/20	07/03/20	X	X	X	X	X			X	X	X	X	X									
Install Exterior Lighting	JDB			06/22/20	07/03/20	X	X	X	X	X			X	X	X	X	X									
Temp stair lighting	JDB																									
MMES Team																										
Form and pour for temp egress	SB			06/29/20	07/01/20								X	X	X											
Erect egress wal and doors	JDB			TBD	TBD																					
Cover temp walkway	JDB			TBD	TBD																					
E. Amanti & Sons																										
Manganaro																										
Repair Fasha * delay	JDB			TBD	TBD																					
The Waterproofing Co																										
Caulk Expansion Joints (South Elevation)	JDB			Complete	Complete																					
SOEP																										
Installation of spray foam at eyebrow roofs	BA			Complete	Complete																					
H Carr																										
Install CP-3 carrier system	JDB			05/26/20	06/26/20	X	X	X	X	X																
Install CP-3 soffit panels	JDB			06/17/20	TBD	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Marmelo																										
Wash down building	JDB			Complete	Complete																					
A&A Windows																										
Ready for retest on North Elevation	JDB	Scheduled		Complete	Complete																					
Install South Side Sun Shades	JDB	Scheduled		Complete	Complete																					
Installing CW West Elevation (CW18 & CW19) glass	JDB	Scheduled		TBD	TBD																					
Install CW Glass doors 10&24	JDB	Scheduled		07/02/20	07/03/20											X	X									
United Civil																										
Fill and Grade at South elevation for Sidewalks	SB			06/11/20	06/16/20																					
Grade and pave for west egress	SB																									
Site prep for turn over	SB																									
JL Marshall																										
West Stair/Ramp Concrete	SB			06/11/20	06/26/20	X	X	X	X	X																
South elevation Sidewalks	Sb			06/25/20	07/04/20				X	X			X	X	X	X	X									
Northshore Steel																										
North Side Temp Stairs	BA			05/26/20	07/03/20	X	X	X	X	X			X	X	X	X	X									
West Stair / Ramp Railings	BA			06/26/20	07/13/20					X			X	X	X	X	X			X	X	X	X	X		
Temp egress walkway raisl	BA																									
ROOF																										
Stanley Roofing																										
Scuppers / Metal	SB			06/18/20	07/03/20	X	X	X	X	X			X	X	X	X	X									
Roofing at Eyebrows	SB			06/18/20	TBD	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Installation fascia ( after CP3 system)	SB			06/29/20	07/10/20								X	X	X	X	X			X	X	X	X	X		
Clean up roof	SB			TBD	TBD																					
Roofing temp stairs	SB																									
Roof Screen Install (WTR)																										



W.T. Rich Company - Look Ahead Schedule  
Manchester Memorial Elementary School

Updated: 7/2/2020

						MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN
						6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30	7/1	7/2	7/3	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/11	7/12
Milestone/Activity Description																										
Install Roof Screens	SB/AC																									
Manufacturer roofing inspection	SB/AC				TBD	TBD																				
MMES Team																										
WTR Pre Punch list, work to complete list	JDB				07/06/20	07/13/20														X	X	X	X	X		
JCJ Punchlist	JDB				07/16/20	07/22/20																				
Phase 2																										
Annese Electric																										
Cut and Cap Fire Alarm System	JDB				Complete	Complete																				
Tie in FA new building	JDB					07/17/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X	
Tie in PA	JDB					07/17/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X	
Tine in existing security & new building security	JDB					07/17/20																				
Underground Targeted	JDB				08/03/20																					
E. Amanti & Sons Plumbing																										
Underground install target date	JDB				08/03/20																					
Manganaro																										
Temp Exterior partitions at demo wing * After basement demo	BA				06/30/20	07/07/20																				
American Demo																										
Abatement foundation	SB				07/01/20	07/09/20										X	X	X			X	X	X	X		
Building seperation	SB				06/08/20	07/03/20	X	X	X	X	X			X	X	X	X	X								
Building demo	SB				06/09/20	07/10/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X	
Demo toilet rooms west elevation	SB				06/24/20	06/30/20			X	X	X			X	X											
Cogswell Sprinkler																										
Cut and Cap FP	JDB				Complete	Complete																				
Reconnect FP loop at existing building	JDB				Complete	Complete																				
Marmelo																										
Install Masonry at existing crawlspace	SB				TBD	TBD																				
WTR																										
Waterproof crawlspace at existing building	SB				TBD	TBD																				
Stanley Roofing																										
Close off existing roof at demo	SB				TBD	07/08/20																				
United Civil																										
Working platform for ground improvements	SB				07/13/20	07/17/20	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Excavate for Foundations	SB				08/03/20	10/05/20																				
Helical																										
Ground Improvements	SB				07/20/20	07/31/20																				
Permits / Sign-offs / C of Os/ Inspections																										
2nd floor above ceiling inspector sign off (dependent on lights)					Complete	Complete																				
1st floor above ceiling inspector sign off (dependent on lights)					Complete	Complete																				
Quality Control																										
Preinstallation Meetings * Shades																										
First Delivery Inspections	WTR																									
Window Retest (SF-15)	JTC / WTR				05/26/20	05/28/20																				
Window Testing (2nd Round)	JTC / WTR				05/29/20	06/02/20																				
2nd and 1st floor above hard ceiling inspection	JDB/SB/BA				Complete	Complete																				
Abatement	CDW				06/02/20	06/10/20																				
Vibration Monitoring	Geocomp				06/08/20	07/15/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X	
Working Platform / GeoPiers	LGCI				06/25/20	07/10/20				X	X			X	X	X	X	X			X	X	X	X	X	
Concrete	JTC / WTR				07/13/20	09/01/20																				
Rebar	JTC / WTR				07/13/20	09/01/20																				
Mock-Ups																										
Paint walls	JDB			Completed																						
Install ceiling Grid ( observation not finalized)	JDB			Completed																						
White out Ceiling 2nd	JDB			Completed	05/19/20																					
White out Ceiling 1st	JDB			Completed	05/26/20																					
Install Flooring Resinous & CT	JDB			Completed	05/26/20	06/02/20																				
Install Divison 10	JDB				TBC	TBC																				
Install Electrical - Sent out lighting procore	JDB			Completed	Complete	Complete																				
Install Millwork	JDB			Completed	05/04/20	05/26/20																				
Install Plumbing Fixtures	JDB				06/15/20	06/15/20																				
Install DD difusers - Sent out procore	JDB			Completed	Complete	Complete					Complete							Complete								
Install doors and glass	JDB			Completed	06/20/20	07/03/20	X	X	X	X	X			X		X	X	X								



W.T. Rich Company - Look Ahead Schedule  
Manchester Memorial Elementary School

Updated: 7/2/2020

						MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN
						6/22	6/23	6/24	6/25	6/26	6/27	6/28	6/29	6/30	7/1	7/2	7/3	7/4	7/5	7/6	7/7	7/8	7/9	7/10	7/11	7/12
Milestone/Activity Description	Responsibility	First Delivery	Initial Inspection	Start Date	End Date																					
Install hardware	JDB		Completed	06/20/20	07/03/20																					
Corridor CT done	JDB		Completed	Complete	Complete																					
Bathroom CT	JDB		Completed	Complete	Complete																					
Corridor VCT	JDB		Completed	06/09/20	06/12/20																					
Subcontractor Meetings - Every Thursday AM @ 8:00AM																										
Safety																										
Orientations - On Going as Needed with New Hires	SB																									
COVID-19 pre entry & Spray																										
CORI Check- On Going as Needed with New Hires	SB																									
ConstructSecure Safety Inspections (min 1 per Week)																										

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023				
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Manchester Memorial Elementary School		1005	399		08/Feb/18 A	26/Jan/22																								
PCOs		125	0		31/Dec/19 A	19/Jun/20 A																								
PCO 8014	PCO 8014 Ground Improvements Stair #1 Egress Structures	30	0	100%	31/Dec/19 A	22/May/20 A	PCO 8014 Ground Improvements Stair #1 Egress Structures																							
PCO -140	NGrid Gas - additional Engineering issues	30	0	100%	02/Mar/20 A	19/Jun/20 A	NGrid Gas - additional Engineering issues																							
PCO 8064	NGrid ELelectric - Additional Handholes PCO 8064	30	0	100%	09/Mar/20 A	28/Apr/20 A	NGrid ELelectric - Additional Handholes PCO 8064																							
CV19 Emergency Spring 2020		67	0		24/Mar/20 A	22/May/20 A																								
PCO 8051	Massachusetts COVID19 Order No. 13	11	0	100%	24/Mar/20 A	07/Apr/20 A	Massachusetts COVID19 Order No. 13																							
CV19-120	Tapers & Glazers Union Shut Down/Remob	16	0	100%	06/Apr/20 A	04/May/20 A	Tapers & Glazers Union Shut Down/Remob																							
CV19-130	Carpenters Union Shut Down/Remob	16	0	100%	06/Apr/20 A	27/Apr/20 A	Carpenters Union Shut Down/Remob																							
CV19-140	Wood Doors - Plant Delay	40	0	100%	07/Apr/20 A	22/May/20 A	Wood Doors - Plant Delay																							
CV19-150	Tile Bathroom Wall - Italy Plant Delay	40	0	100%	07/Apr/20 A	23/Apr/20 A	Tile Bathroom Wall - Italy Plant Delay																							
Design and Preconstruction		611	5		08/Feb/18 A	07/Jul/20																								
Schematic Design		153	0		26/Apr/18 A	04/Dec/18 A																								
Design Development		62	0		09/Nov/18 A	08/Feb/19 A																								
Local Approvals		17	0		15/Oct/18 A	06/Nov/18 A																								
Early Package #1 Abatement, Demo, Site Prep		93	0		08/Feb/19 A	21/Jun/19 A																								
School Building Committee Meetings		73	0		29/May/19 A	10/Sep/19 A																								
Conservation Commission Approval Process		66	0		04/Apr/19 A	11/Jul/19 A																								
Planning Board Approval Process		20	0		13/May/19 A	10/Jun/19 A																								
60% Construction Documents		328	0		08/Feb/18 A	24/May/19 A																								
Early Package #2 Fdns, Site, Steel, RAPs		48	0		02/Apr/19 A	07/Jun/19 A																								
90% Construction Documents		57	0		23/Apr/19 A	13/Aug/19 A																								
Early Package #3 Curtainwall/SF, RTU's, Boilers, MSB,		37	0		21/Jun/19 A	13/Aug/19 A																								
100% Construction Documents & GMP		192	5		12/Jun/19 A	07/Jul/20																								
CDF 180	Prequalify Contractors - Release RFQ / Advertisement Public	5	0	100%	12/Jun/19 A	26/Jun/19 A	Prequalify Contractors - Release RFQ / Advertisement Public																							
CDF 190	Review & Evaluate Qualifications	30	0	100%	26/Jun/19 A	30/Jul/19 A	Review & Evaluate Qualifications																							
CDF 260	Prepare & Issue 100% Construction Bid Documents	39	0	100%	15/Jul/19 A	06/Sep/19 A	Prepare & Issue 100% Construction Bid Documents																							
CDF 200	Issue Notice of Eligibility and Instructions to Bidders	11	0	100%	31/Jul/19 A	15/Aug/19 A	Issue Notice of Eligibility and Instructions to Bidders																							
CDF 140	Establish GMP	71	0	100%	06/Sep/19 A	16/Dec/19 A	Establish GMP																							
CDF 160	Bid and Award Trade & Priority Contracts	29	0	100%	06/Sep/19 A	08/Oct/19 A	Bid and Award Trade & Priority Contracts																							
CDF 130	Bid and Award Remaining Phase 1 Non-Trade Contracts	60	0	100%	06/Sep/19 A	22/Oct/19 A	Bid and Award Remaining Phase 1 Non-Trade Contracts																							
CDF 150	Bid and Award Contracts with Phase 2 Scope Only	30	5	83.33%	31/Jan/20 A	07/Jul/20	Bid and Award Contracts with Phase 2 Scope Only																							
Procurement Milestone Summary		322	0		10/Apr/19 A	07/Jul/20																								
XX2 110	Award EP1 - Abatement & Demolition	0	0	100%		10/Apr/19 A	Award EP1 - Abatement & Demolition																							
PRO 120	Award EP2 - RAP, Foundations, Steel, Site	0	0	100%		12/Jun/19 A	Award EP2 - RAP, Foundations, Steel, Site																							
PRO 160	Award EP3 - MSB, Boilers, RTU's, Masonry, Elevators, SF/CW	0	0	100%		14/Aug/19 A	Award EP3 - MSB, Boilers, RTU's, Masonry, Elevators, SF/CW																							
PRO 130	Award Phase 1 Trade & Priority Contracts	0	0	100%		28/Oct/19 A	Award Phase 1 Trade & Priority Contracts																							
PRO 150	Award Phase 1 Remaining Non-Trade Contracts	0	0	100%		26/Nov/19 A	Award Phase 1 Remaining Non-Trade Contracts																							
PRO 170	Award Phase 2 Contracts	0	0	0%		07/Jul/20	Award Phase 2 Contracts																							
Permits		164	0		10/May/19 A	28/Oct/19 A																								
PER 130	Abatement 10 Day EPA Notice	10	0	100%	10/May/19 A	23/May/19 A	Abatement 10 Day EPA Notice																							
PER 100	Demolition Permit	18	0	100%	25/May/19 A	12/Jun/19 A	Demolition Permit																							
PER 120	Building Permit - Foundations and Steel	20	0	100%	13/Jun/19 A	12/Jul/19 A	Building Permit - Foundations and Steel																							
PER 110	Building Permit - Full Construction	40	0	100%	26/Sep/19 A	28/Oct/19 A	Building Permit - Full Construction																							
Submittal Packages		337	3		02/Apr/19 A	02/Jul/20																								
Division 01 - General Conditions		83	0		02/Apr/19 A	19/Aug/19 A																								
015000 - Temp Trailers		83	0		02/Apr/19 A	19/Aug/19 A																								
SM 2 1040	Submit & Release Temporary Trailer Specifications	15	0	100%	02/Apr/19 A	22/Apr/19 A	Submit & Release Temporary Trailer Specifications																							
SM 2 1050	Fabricate & Deliver Trailers	20	0	100%	01/Jul/19 A	19/Aug/19 A	Fabricate & Deliver Trailers																							
Division 02 - Existing Conditions		50	0		12/Apr/19 A	21/Jun/19 A																								
024113 - Utility Line Removal - Early Package		15	0		03/Jun/19 A	21/Jun/19 A																								

[illegible]



Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
Division 07 - Roofs	SM 7 1740	Prepare and Submit Package Spray Foam Insulation	5	0	100%	22/Oct/19 A	21/Jan/20 A	<div><div></div></div> Prepare and Submit Package Spray Foam Insulation																					
	SM 7 1750	Review and Approve Package Spray Foam Insulation	18	0	100%	21/Jan/20 A	24/Jan/20 A	<div><div></div></div> Review and Approve Package Spray Foam Insulation																					
	SM 7 1760	Deliver Spray Foam Insulation	3	0	100%	27/Jan/20 A	27/May/20 A	<div><div></div></div> Deliver Spray Foam Insulation																					
	072715 - Vapor Barriers		42	0		22/Oct/19 A	07/Feb/20 A	<div><div></div></div>																					
	SM 7 1050	Prepare and Submit Package Membrane Air Barriers	15	0	100%	22/Oct/19 A	11/Nov/19 A	<div><div></div></div> Prepare and Submit Package Membrane Air Barriers																					
	SM 7 1220	Review and Approve Package Membrane Air Barriers	20	0	100%	31/Oct/19 A	27/Nov/19 A	<div><div></div></div> Review and Approve Package Membrane Air Barriers																					
	SM 7 1340	Deliver Membrane Air Barrier	15	0	100%	29/Nov/19 A	07/Feb/20 A	<div><div></div></div> Deliver Membrane Air Barrier																					
	075419 - PVC Roofing		37	0		08/Oct/19 A	27/Nov/19 A	<div><div></div></div>																					
	SM 7 1560	Prepare and Submit Package PVC Roofing	15	0	100%	08/Oct/19 A	04/Nov/19 A	<div><div></div></div> Prepare and Submit Package PVC Roofing																					
	SM 7 1570	Review and Approve Package PVC Roofing	10	0	100%	04/Nov/19 A	13/Nov/19 A	<div><div></div></div> Review and Approve Package PVC Roofing																					
	SM 7 1580	Fabricate and Deliver PVC Roofing	10	0	100%	14/Nov/19 A	27/Nov/19 A	<div><div></div></div> Fabricate and Deliver PVC Roofing																					
	076200 - Sheet Metal Flashing and Trim		105	0		02/Oct/19 A	30/Jun/20	<div><div></div></div>																					
	SM 7 1120	Prepare and Submit Package Sheet Metal Flashing	10	0	100%	02/Oct/19 A	08/Oct/19 A	<div><div></div></div> Prepare and Submit Package Sheet Metal Flashing																					
	SM 7 1320	Review and Approve Package Sheet Metal Flashing	15	0	100%	08/Oct/19 A	06/Mar/20 A	<div><div></div></div> Review and Approve Package Sheet Metal Flashing																					
	SM 7 1500	Fabricate and Deliver Sheet Metal Flashing & Trim	20	0	100%	09/Mar/20 A	30/Jun/20	<div><div></div></div> Fabricate and Deliver Sheet Metal Flashing & Trim																					
	077100 - Roof Specialties		111	0		14/Oct/19 A	20/Mar/20 A	<div><div></div></div>																					
	SM 7 1150	Prepare and Submit Package Roof Specialties	20	0	100%	14/Oct/19 A	06/Mar/20 A	<div><div></div></div> Prepare and Submit Package Roof Specialties																					
	SM 7 1350	Review and Approve Package Roof Specialties	5	0	100%	09/Mar/20 A	13/Mar/20 A	<div><div></div></div> Review and Approve Package Roof Specialties																					
	SM 7 1510	Fabricate and Deliver Roof Specialties	5	0	100%	16/Mar/20 A	20/Mar/20 A	<div><div></div></div> Fabricate and Deliver Roof Specialties																					
	077129 - Manufactured Roof Expansion Joints		42	0		01/Oct/19 A	27/Nov/19 A	<div><div></div></div>																					
	SM 7 1770	Prepare and Submit Package Roof Expansion Joints	15	0	100%	01/Oct/19 A	21/Oct/19 A	<div><div></div></div> Prepare and Submit Package Roof Expansion Joints																					
	SM 7 1780	Review and Approve Package Roof Expansion Joints	15	0	100%	08/Oct/19 A	31/Oct/19 A	<div><div></div></div> Review and Approve Package Roof Expansion Joints																					
	SM 7 1790	Fabricate and Deliver Roof Expansion Joints	20	0	100%	31/Oct/19 A	27/Nov/19 A	<div><div></div></div> Fabricate and Deliver Roof Expansion Joints																					
	077200 - Roof Accessories		127	0		31/Oct/19 A	30/Apr/20 A	<div><div></div></div>																					
	SM 7 1160	Prepare and Submit Package Roof Accessories	14	0	100%	31/Oct/19 A	19/Mar/20 A	<div><div></div></div> Prepare and Submit Package Roof Accessories																					
	SM 7 1360	Review and Approve Package Roof Accessories	10	0	100%	20/Mar/20 A	02/Apr/20 A	<div><div></div></div> Review and Approve Package Roof Accessories																					
	SM 7 1520	Fabricate and Deliver Roof Accessories	20	0	100%	03/Apr/20 A	30/Apr/20 A	<div><div></div></div> Fabricate and Deliver Roof Accessories																					
	078413 - Penetration Firestopping		61	0		31/Oct/19 A	28/Jan/20 A	<div><div></div></div>																					
	SM 7 1620	Prepare and Submit Package Penetration Firestopping	10	0	100%	31/Oct/19 A	14/Jan/20 A	<div><div></div></div> Prepare and Submit Package Penetration Firestopping																					
	SM 7 1630	Review and Approve Package Penetration Firestopping	5	0	100%	15/Jan/20 A	21/Jan/20 A	<div><div></div></div> Review and Approve Package Penetration Firestopping																					
	SM 7 1640	Fabricate and Deliver Penetration Firestopping	5	0	100%	22/Jan/20 A	28/Jan/20 A	<div><div></div></div> Fabricate and Deliver Penetration Firestopping																					
	078446 - Fire Resistive Joints		56	0		31/Oct/19 A	21/Jan/20 A	<div><div></div></div>																					
	SM 7 1650	Prepare and Submit Package Fire Resistant Joints	10	0	100%	31/Oct/19 A	07/Jan/20 A	<div><div></div></div> Prepare and Submit Package Fire Resistant Joints																					
	SM 7 1660	Review and Approve Package Fire Resistant Joints	5	0	100%	08/Jan/20 A	14/Jan/20 A	<div><div></div></div> Review and Approve Package Fire Resistant Joints																					
	SM 7 1670	Fabricate and Deliver Fire Resistant Joints	5	0	100%	15/Jan/20 A	21/Jan/20 A	<div><div></div></div> Fabricate and Deliver Fire Resistant Joints																					
	079200 - Joint Sealants		40	0		02/Mar/20 A	20/Apr/20 A	<div><div></div></div>																					
	SM 7 1680	Prepare and Submit Package Joint Sealants	10	0	100%	02/Mar/20 A	13/Mar/20 A	<div><div></div></div> Prepare and Submit Package Joint Sealants																					
	SM 7 1690	Review and Approve Package Joint Sealants	15	0	100%	16/Mar/20 A	31/Mar/20 A	<div><div></div></div> Review and Approve Package Joint Sealants																					
	SM 7 1700	Fabricate and Deliver Joint Sealants	15	0	100%	31/Mar/20 A	20/Apr/20 A	<div><div></div></div> Fabricate and Deliver Joint Sealants																					
	Division 08 - Openings		181	0		15/Aug/19 A	29/May/20 A	<div><div></div></div>																					
	081113 - Hollow Metal Doors & Frames		114	0		14/Oct/19 A	22/May/20 A	<div><div></div></div>																					
	SM 8 1110	Prepare and Submit Package HM Doors & Frames	20	0	100%	14/Oct/19 A	01/Nov/19 A	<div><div></div></div> Prepare and Submit Package HM Doors & Frames																					
	SM 8 1210	Review and Approve Package HM Doors & Frames	30	0	100%	04/Nov/19 A	22/Nov/19 A	<div><div></div></div> Review and Approve Package HM Doors & Frames																					
	SM 8 1230	Fabricate and Delivery Masonry HM Door Frames	20	0	100%	04/Nov/19 A	05/Dec/19 A	<div><div></div></div> Fabricate and Delivery Masonry HM Door Frames																					
	SM 8 1270	Fabricate and Deliver HM Door Frames	20	0	100%	25/Nov/19 A	31/Dec/19 A	<div><div></div></div> Fabricate and Deliver HM Door Frames																					
	SM 8 1280	Fabricate and Deliver HM Doors	60	0	100%	31/Dec/19 A	22/May/20 A	<div><div></div></div> Fabricate and Deliver HM Doors																					
	081416 - Flush Wood Doors		98	0		31/Dec/19 A	22/May/20 A	<div><div></div></div>																					
SM 8 1120	Prepare and Submit Package Flush Wood Doors	5	0	100%	31/Dec/19 A	07/Jan/20 A	<div><div></div></div> Prepare and Submit Package Flush Wood Doors																						
SM 8 1220	Review and Approve Package Flush Wood Doors	20	0	100%	08/Jan/20 A	24/Feb/20 A	<div><div></div></div> Review and Approve Package Flush Wood Doors																						
SM 8 1290	Fabricate and Deliver Flush Wood Doors	60	0	100%	25/Feb/20 A	22/May/20 A	<div><div></div></div> Fabricate and Deliver Flush Wood Doors																						
083323 - Access Doors & Frames		63	0		31/Dec/19 A	10/Apr/20 A	<div><div></div></div>																						

DETAIL SCHEDULE

Project Controls SCHEDULE

Appendix

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			24
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
Division 08 - Windows and Doors	SM8 1090	Prepare and Submit Package Access Doors	5	0	100%	31/Dec/19 A	07/Jan/20 A																						
	SM8 1100	Review and Approve Package Access Doors	10	0	100%	08/Jan/20 A	14/Feb/20 A																						
	SM8 1110	Fabricate and Deliver Access Doors	30	0	100%	18/Feb/20 A	10/Apr/20 A																						
	084113 Aluminum Entrances		132	0		19/Aug/19 A	01/Apr/20 A																						
	SM 8 1020	Prepare and Submit Package Storefronts	25	0	100%	19/Aug/19 A	25/Sep/19 A																						
	SM 8 1080	Review and Approve Package Storefronts	25	0	100%	26/Sep/19 A	31/Oct/19 A																						
	SM 8 1180	Fabricate and Deliver Storefront & Entrance Frames	90	0	100%	31/Oct/19 A	01/Apr/20 A																						
	084113 Phase 1 Storefront Windows		122	0		03/Sep/19 A	01/Apr/20 A																						
	SM 8 1330	Prepare and Submit Package Storefront Windows	25	0	100%	03/Sep/19 A	18/Sep/19 A																						
	SM 8 1340	Review and Approve Package Storefront Windows	25	0	100%	19/Sep/19 A	02/Oct/19 A																						
	SM 8 1350	Fabricate and Deliver Storefront Windows Frames	80	0	100%	31/Oct/19 A	01/Apr/20 A																						
	084113 Phase 1 Interior Storefront		102	0		01/Oct/19 A	29/May/20 A																						
	SM 8 1300	Prepare and Submit Package Interior Storefronts	25	0	100%	01/Oct/19 A	11/Oct/19 A																						
	SM 8 1310	Review and Approve Package Interior Storefronts	5	0	100%	14/Oct/19 A	18/Oct/19 A																						
	SM 8 1320	Fabricate and Deliver Interior Storefront Frames	80	0	100%	31/Oct/19 A	29/May/20 A																						
	084413 Glazed Aluminum Curtain Walls		132	0		15/Aug/19 A	01/Apr/20 A																						
	SM 8 1030	Prepare and Submit Aluminum Curtain Wall Package	25	0	100%	15/Aug/19 A	25/Sep/19 A																						
	SM 8 1090	Review and Approve Curtain Wall Package	20	0	100%	08/Oct/19 A	06/Nov/19 A																						
	SM 8 1190	Fabricate and Deliver Curtain Wall	85	0	100%	07/Nov/19 A	01/Apr/20 A																						
	087000 - Door Hardware		101	0		22/Oct/19 A	22/May/20 A																						
	SM8 1120	Prepare and Submit Package Door Hardware	10	0	100%	22/Oct/19 A	27/Nov/19 A																						
	SM8 1130	Review and Approve Package Door Hardware	20	0	100%	29/Nov/19 A	07/Feb/20 A																						
	SM8 1140	Fabricate and Deliver Door Hardware	25	0	100%	10/Feb/20 A	22/May/20 A																						
	087113 - Automatic Door Operators		130	0		22/Oct/19 A	22/May/20 A																						
	SM8 1180	Prepare and Submit Package Automatic Doors Operator	15	0	100%	22/Oct/19 A	06/Feb/20 A																						
	SM8 1190	Review and Approve Package Automatic Doors Operator	5	0	100%	07/Feb/20 A	13/Feb/20 A																						
	SM8 1200	Fabricate and Deliver Automatic Doors Operator	50	0	100%	14/Feb/20 A	22/May/20 A																						
	088000 Exterior Glazing		120	0		22/Oct/19 A	31/Mar/20 A																						
	SM8 1210	Prepare and Submit Package Exterior Glazing	25	0	100%	22/Oct/19 A	05/Dec/19 A																						
	SM8 1220	Review and Approve Package Exterior Glazing	25	0	100%	06/Dec/19 A	06/Feb/20 A																						
	SM8 1230	Fabricate and Deliver Exterior Glazing	45	0	100%	07/Feb/20 A	31/Mar/20 A																						
	089119 Fixed Louvers		96	0		31/Oct/19 A	14/Feb/20 A																						
	SM 8 1100	Prepare and Submit Package Louvers	15	0	100%	31/Oct/19 A	20/Nov/19 A																						
	SM 8 1200	Review and Approve Package Louvers	15	0	100%	21/Nov/19 A	21/Jan/20 A																						
	SM 8 1250	Fabricate and Deliver Fixed Louvers & Vents	40	0	100%	22/Jan/20 A	14/Feb/20 A																						
	Division 09 - Finishes		155	0		22/Oct/19 A	29/Jun/20 A																						
	092116 Gypsum Board Assemblies		90	0		22/Oct/19 A	28/Feb/20 A																						
	SM 9 1040	Prepare and Submit Package Gboard Assemblies	20	0	100%	22/Oct/19 A	27/Nov/19 A																						
	SM 9 1140	Review and Approve Package Gboard Assemblies	15	0	100%	29/Nov/19 A	21/Jan/20 A																						
	SM 9 1240	Fabricate and Deliver GBoard Assemblies	27	0	100%	22/Jan/20 A	28/Feb/20 A																						
092216 Non-Structural Metal framing		73	0		22/Oct/19 A	05/Feb/20 A																							
SM 9 1330	Prepare and Submit Package Non Structural Metal Framing	20	0	100%	22/Oct/19 A	27/Nov/19 A																							
SM 9 1340	Review and Approve Package Non Structural Metal Framing	15	0	100%	29/Nov/19 A	07/Jan/20 A																							
SM 9 1350	Fabricate and Deliver Non Structural Metal Framing	20	0	100%	08/Jan/20 A	05/Feb/20 A																							
092900 Gypsum Board		83	0		22/Oct/19 A	13/Feb/20 A																							
SM 9 1100	Prepare and Submit Package Shaft Wall Assemblies	20	0	100%	22/Oct/19 A	27/Nov/19 A																							
SM 9 1170	Review and Approve Package Shaft Wall Assemblies	15	0	100%	29/Nov/19 A	21/Jan/20 A																							
SM 9 1270	Fabricate and Deliver Shaft Wall Assemblies	20	0	100%	22/Jan/20 A	13/Feb/20 A																							
093000 Tiling		145	0		22/Oct/19 A	20/May/20 A																							
SM 9 1080	Prepare and Submit Package Tiling	20	0	100%	22/Oct/19 A	27/Nov/19 A																							
SM 9 1150	Review and Approve Package Tiling	15	0	100%	02/Dec/19 A	21/Jan/20 A																							

Start Date: 08/Feb/18  
Finish Date: 26/Jan/22  
Data Date: 30/Jun/20  
Print Date: 02/Jul/20  
Layout: Owner

- Summary

Actual Work

Remaining Work

Remaining Level of Effort
- Critical Remaining Work

Actual Milestone

Milestone

Critical Milestone

Manchester Memorial Elementary School

Note: The projections are based upon activity earning type and performance to-date on in-progress activities. Every precaution has been taken to ensure this report is accurate and up-to-date. No liability is assumed for errors or omissions. Rounding errors may exist.

W.T. Rich Company, Inc.

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Division 10 - Specialties	SM 9 1250	Fabricate and Deliver Tiling	60	0	100%	21/Jan/20 A	20/May/20 A	<div><div></div></div> Fabricate and Deliver Tiling																					
	095113 Acoustical Ceiling Panels		113	0		22/Oct/19 A	30/Mar/20 A	<div><div></div></div>																					
	SM 9 1010	Prepare and Submit Package Acoustical Ceilings	15	0	100%	22/Oct/19 A	21/Jan/20 A	<div><div></div></div> Prepare and Submit Package Acoustical Ceilings																					
	SM 9 1110	Review and Approve Package Acoustical Ceilings	15	0	100%	22/Jan/20 A	03/Mar/20 A	<div><div></div></div> Review and Approve Package Acoustical Ceilings																					
	SM 9 1220	Fabricate and Deliver Acoustical Ceilings	21	0	100%	04/Mar/20 A	30/Mar/20 A	<div><div></div></div> Fabricate and Deliver Acoustical Ceilings																					
	095123 Exterior Wood Soffit		121	0		22/Oct/19 A	10/Apr/20 A	<div><div></div></div>																					
	SM 9 1390	Prepare and Submit Package Wood Ceilings	15	0	100%	22/Oct/19 A	21/Jan/20 A	<div><div></div></div> Prepare and Submit Package Wood Ceilings																					
	SM 9 1400	Review and Approve Package Wood Ceilings	15	0	100%	22/Jan/20 A	02/Mar/20 A	<div><div></div></div> Review and Approve Package Wood Ceilings																					
	SM 9 1410	Fabricate and Deliver Exterior Wood Soffits	30	0	100%	03/Mar/20 A	10/Apr/20 A	<div><div></div></div> Fabricate and Deliver Exterior Wood Soffits																					
	096513 Resilient Base & Accessories		133	0		22/Oct/19 A	31/May/20 A	<div><div></div></div>																					
	SM 9 1060	Prepare and Submit Package	25	0	100%	22/Oct/19 A	08/Nov/19 A	<div><div></div></div> Prepare and Submit Package																					
	SM 9 1200	Review and Approve Package	25	0	100%	08/Nov/19 A	10/Jan/20 A	<div><div></div></div> Review and Approve Package																					
	SM 9 1310	Fabricate and Deliver Resilient Base & Accessories	60	0	100%	10/Jan/20 A	31/May/20 A	<div><div></div></div> Fabricate and Deliver Resilient Base & Accessories																					
	096519 Resilient Tile Flooring		132	0		22/Oct/19 A	14/May/20 A	<div><div></div></div>																					
	SM 9 1420	Prepare and Submit Package	25	0	100%	22/Oct/19 A	08/Nov/19 A	<div><div></div></div> Prepare and Submit Package																					
	SM 9 1430	Review and Approve Package	25	0	100%	31/Dec/19 A	03/Feb/20 A	<div><div></div></div> Review and Approve Package																					
	SM 9 1440	Fabricate and Deliver Resilient Tile Flooring	60	0	100%	04/Feb/20 A	14/May/20 A	<div><div></div></div> Fabricate and Deliver Resilient Tile Flooring																					
	096723 Resinous Flooring		104	0		22/Oct/19 A	29/Apr/20 A	<div><div></div></div>																					
	SM9 1030	Prepare and Submit Resinous Floor Package	15	0	100%	22/Oct/19 A	07/Jan/20 A	<div><div></div></div> Prepare and Submit Resinous Floor Package																					
	SM9 1040	Review and Approve Resinous Floor Package	15	0	100%	08/Jan/20 A	05/Feb/20 A	<div><div></div></div> Review and Approve Resinous Floor Package																					
	SM9 1050	Fabricate and Deliver Resinous Flooring	30	0	100%	06/Feb/20 A	29/Apr/20 A	<div><div></div></div> Fabricate and Deliver Resinous Flooring																					
	096813 Tile Carpeting		90	0		31/Dec/19 A	14/May/20 A	<div><div></div></div>																					
	SM 9 1070	Prepare and Submit Package Carpeting	15	0	100%	31/Dec/19 A	21/Jan/20 A	<div><div></div></div> Prepare and Submit Package Carpeting																					
	SM 9 1210	Review and Approve Package Carpeting	15	0	100%	22/Jan/20 A	11/Feb/20 A	<div><div></div></div> Review and Approve Package Carpeting																					
	SM 9 1320	Fabricate and Deliver Carpeting	60	0	100%	12/Feb/20 A	14/May/20 A	<div><div></div></div> Fabricate and Deliver Carpeting																					
	097723 Fabric Wrapped Panels		65	0		03/Feb/20 A	29/Jun/20 A	<div><div></div></div>																					
	SM 9 1480	Prepare and Submit Package Fabric Wrapped Panels	5	0	100%	03/Feb/20 A	07/Feb/20 A	<div><div></div></div> Prepare and Submit Package Fabric Wrapped Panels																					
	SM 9 1490	Review and Approve Package Fabric Wrapped Panels	10	0	100%	10/Feb/20 A	24/Feb/20 A	<div><div></div></div> Review and Approve Package Fabric Wrapped Panels																					
	SM 9 1500	Fabricate and Deliver Fabric Wrapped Panels	50	0	100%	31/Mar/20 A	29/Jun/20 A	<div><div></div></div> Fabricate and Deliver Fabric Wrapped Panels																					
	099113 Exterior Painting		107	0		31/Dec/19 A	04/May/20 A	<div><div></div></div>																					
	SM 9 1090	Prepare and Submit Package Paint & Coating	20	0	100%	31/Dec/19 A	28/Jan/20 A	<div><div></div></div> Prepare and Submit Package Paint & Coating																					
	SM 9 1160	Review and Approve Package Paint & Coating	15	0	100%	29/Jan/20 A	24/Feb/20 A	<div><div></div></div> Review and Approve Package Paint & Coating																					
	SM 9 1260	Order and Deliver Exterior Paint & Coating	69	0	100%	25/Feb/20 A	04/May/20 A	<div><div></div></div> Order and Deliver Exterior Paint & Coating																					
	099123 Interior Painting		39	0		31/Dec/19 A	25/Feb/20 A	<div><div></div></div>																					
	SM 9 1510	Prepare and Submit Package Paint & Coating	20	0	100%	31/Dec/19 A	28/Jan/20 A	<div><div></div></div> Prepare and Submit Package Paint & Coating																					
	SM 9 1520	Review and Approve Package Paint & Coating	15	0	100%	29/Jan/20 A	24/Feb/20 A	<div><div></div></div> Review and Approve Package Paint & Coating																					
	SM 9 1530	Order and Deliver Paint & Coating	1	0	100%	25/Feb/20 A	25/Feb/20 A	<div><div></div></div> Order and Deliver Paint & Coating																					
	099300 Staining and Transparent Finishing		38	0		31/Dec/19 A	25/Feb/20 A	<div><div></div></div>																					
	SM 9 1540	Prepare and Submit Package Paint & Coating	20	0	100%	31/Dec/19 A	28/Jan/20 A	<div><div></div></div> Prepare and Submit Package Paint & Coating																					
	SM 9 1550	Review and Approve Package Paint & Coating	15	0	100%	29/Jan/20 A	24/Feb/20 A	<div><div></div></div> Review and Approve Package Paint & Coating																					
	SM 9 1560	Fabricate and Deliver Paint & Coating	0	0	100%	25/Feb/20 A	25/Feb/20 A	<div><div></div></div> Fabricate and Deliver Paint & Coating																					
	099600 High Performance Coating		40	0		31/Dec/19 A	26/Feb/20 A	<div><div></div></div>																					
	SM 9 1570	Prepare and Submit Package Paint & Coating	20	0	100%	31/Dec/19 A	28/Jan/20 A	<div><div></div></div> Prepare and Submit Package Paint & Coating																					
	SM 9 1580	Review and Approve Package Paint & Coating	15	0	100%	29/Jan/20 A	24/Feb/20 A	<div><div></div></div> Review and Approve Package Paint & Coating																					
	SM 9 1590	Fabricate and Deliver Paint & Coating	2	0	100%	25/Feb/20 A	26/Feb/20 A	<div><div></div></div> Fabricate and Deliver Paint & Coating																					
Division 10 - Specialties		129	2		31/Dec/19 A	01/Jul/20	<div><div></div></div>																						
101100 Visual Display Surfaces		93	0		31/Dec/19 A	22/May/20 A	<div><div></div></div>																						
SM 10 100	Prepare and Submit Package Display Units	15	0	100%	31/Dec/19 A	21/Jan/20 A	<div><div></div></div> Prepare and Submit Package Display Units																						
SM 10 200	Review and Approve Package Display Units	15	0	100%	22/Jan/20 A	14/Feb/20 A	<div><div></div></div> Review and Approve Package Display Units																						
SM 10 280	Fabricate and Deliver Visual Display Unit	60	0	100%	18/Feb/20 A	22/May/20 A	<div><div></div></div> Fabricate and Deliver Visual Display Unit																						
101400 Signage		129	2		31/Dec/19 A	01/Jul/20	<div><div></div></div>																						

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
	SM 10 110	Prepare and Submit Package Signage	15	0	100%	31/Dec/19 A	04/Feb/20 A	<div><div></div></div> Prepare and Submit Package Signage																					
	SM 10 190	Review and Approve Package Signage	15	0	100%	05/Feb/20 A	01/Jun/20 A	<div><div></div></div> Review and Approve Package Signage																					
	SM 10 270	Fabricate and Deliver Signage	22	2	90.91%	01/Jun/20 A	01/Jul/20	<div><div></div></div> Fabricate and Deliver Signage																					
	102113 Phenolic-Core Toilet Compartments		92	0		31/Dec/19 A	01/Jun/20 A	<div><div></div></div>																					
	SM 10 120	Prepare and Submit Package Toilet Partitions	15	0	100%	31/Dec/19 A	21/Feb/20 A	<div><div></div></div> Prepare and Submit Package Toilet Partitions																					
	SM 10 210	Review and Approve Package Partitions	15	0	100%	24/Feb/20 A	13/Mar/20 A	<div><div></div></div> Review and Approve Package Partitions																					
	SM 10 290	Fabricate and Deliver Toilet Partitions	40	0	100%	16/Mar/20 A	01/Jun/20 A	<div><div></div></div> Fabricate and Deliver Toilet Partitions																					
	102800 Toilet Accessories		63	0		31/Dec/19 A	01/Jun/20 A	<div><div></div></div>																					
	SM 10 150	Prepare and Submit Package Toilet Accessories	25	0	100%	31/Dec/19 A	04/Feb/20 A	<div><div></div></div> Prepare and Submit Package Toilet Accessories																					
	SM 10 240	Review and Approve Package Toilet Accessories	25	0	100%	05/Feb/20 A	14/Feb/20 A	<div><div></div></div> Review and Approve Package Toilet Accessories																					
	SM 10 320	Fabricate and Deliver Bath Accessories	30	0	100%	18/Feb/20 A	01/Jun/20 A	<div><div></div></div> Fabricate and Deliver Bath Accessories																					
	104413 Fire Extinguisher Cabinets		58	0		31/Dec/19 A	07/May/20 A	<div><div></div></div>																					
	SM 10 340	Prepare and Submit Package Fire Cabinets	25	0	100%	31/Dec/19 A	05/Feb/20 A	<div><div></div></div> Prepare and Submit Package Fire Cabinets																					
	SM 10 350	Review and Approve Package Fire Cabinets	5	0	100%	03/Feb/20 A	07/Feb/20 A	<div><div></div></div> Review and Approve Package Fire Cabinets																					
	SM 10 360	Fabricate and Deliver Fire Protection Cabinets	30	0	100%	10/Feb/20 A	07/May/20 A	<div><div></div></div> Fabricate and Deliver Fire Protection Cabinets																					
	104416 Fire Extinguishers		58	0		31/Dec/19 A	07/May/20 A	<div><div></div></div>																					
	SM 10 160	Prepare and Submit Package Fire Extinguishers	25	0	100%	31/Dec/19 A	05/Feb/20 A	<div><div></div></div> Prepare and Submit Package Fire Extinguishers																					
	SM 10 250	Review and Approve Package Fire Extinguishers	5	0	100%	03/Feb/20 A	07/Feb/20 A	<div><div></div></div> Review and Approve Package Fire Extinguishers																					
	SM 10 330	Fabricate and Deliver Fire Protection Extinguishers	30	0	100%	10/Feb/20 A	07/May/20 A	<div><div></div></div> Fabricate and Deliver Fire Protection Extinguishers																					
	Division 11 - Equipment		91	0		31/Dec/19 A	29/May/20 A	<div><div></div></div>																					
	113100 - Residential Appliances		91	0		31/Dec/19 A	29/May/20 A	<div><div></div></div>																					
	SM11 1030	Prepare and Submit Package Appliances	15	0	100%	31/Dec/19 A	06/Feb/20 A	<div><div></div></div> Prepare and Submit Package Appliances																					
	SM11 1040	Review and Approve Package Appliances	15	0	100%	06/Feb/20 A	27/Feb/20 A	<div><div></div></div> Review and Approve Package Appliances																					
	SM11 1050	Fabricate and Deliver Appliances	50	0	100%	28/Feb/20 A	29/May/20 A	<div><div></div></div> Fabricate and Deliver Appliances																					
	Division 12 - Furnishings		147	1		31/Dec/19 A	30/Jun/20	<div><div></div></div>																					
	122413 - Window Shades		147	1		31/Dec/19 A	30/Jun/20	<div><div></div></div>																					
	SM 12 120	Prepare and Submit Package Window Shades	15	0	100%	31/Dec/19 A	14/Feb/20 A	<div><div></div></div> Prepare and Submit Package Window Shades																					
	SM 12 130	Review and Approve Package Window Shades	30	0	100%	18/Feb/20 A	01/May/20 A	<div><div></div></div> Review and Approve Package Window Shades																					
	SM 12 160	Fabricate and Deliver Window Shades	40	1	97.5%	04/May/20 A	30/Jun/20	<div><div></div></div> Fabricate and Deliver Window Shades																					
	123623 -Plastic Laminate Clad Countertops		78	0		31/Dec/19 A	22/May/20 A	<div><div></div></div>																					
	SM 12 220	Prepare and Submit Package Plastic Laminate Countertops	10	0	100%	31/Dec/19 A	14/Jan/20 A	<div><div></div></div> Prepare and Submit Package Plastic Laminate Countertops																					
	SM 12 230	Review and Approve Package Plastic Laminate Countertops	20	0	100%	15/Jan/20 A	07/Feb/20 A	<div><div></div></div> Review and Approve Package Plastic Laminate Countertops																					
	SM 12 240	Fabricate and Deliver Plastic Laminate Countertops	50	0	100%	10/Feb/20 A	22/May/20 A	<div><div></div></div> Fabricate and Deliver Plastic Laminate Countertops																					
	Division 14 - Lifts		166	0		15/Aug/19 A	25/May/20 A	<div><div></div></div>																					
	142100 - Electric Traction Elevator		166	0		15/Aug/19 A	25/May/20 A	<div><div></div></div>																					
	SM13 1000	Prepare and Submit Package Elevator	20	0	100%	15/Aug/19 A	28/Aug/19 A	<div><div></div></div> Prepare and Submit Package Elevator																					
	SM13 1010	Review and Approve Package Elevator	25	0	100%	29/Aug/19 A	27/Sep/19 A	<div><div></div></div> Review and Approve Package Elevator																					
	SM13 1020	Fabricate & Deliver Elevator	90	0	100%	27/Sep/19 A	25/May/20 A	<div><div></div></div> Fabricate & Deliver Elevator																					
	SM13 1030	Fabricate & Deliver Guide Rail Inserts / Embed Items	1	0	100%	27/Sep/19 A	27/Sep/19 A	<div><div></div></div> Fabricate & Deliver Guide Rail Inserts / Embed Items																					
	Division 21 - Fire Protection		52	0		22/Oct/19 A	29/Jan/20 A	<div><div></div></div>																					
	Pipe & Fittings		47	0		22/Oct/19 A	29/Jan/20 A	<div><div></div></div>																					
	SM 21 140	Prepare and Submit Package Pipe, Fittings	15	0	100%	22/Oct/19 A	01/Nov/19 A	<div><div></div></div> Prepare and Submit Package Pipe, Fittings																					
	SM 21 180	Review and Approve Package Pipe, Fittings	15	0	100%	31/Oct/19 A	20/Nov/19 A	<div><div></div></div> Review and Approve Package Pipe, Fittings																					
	SM 21 240	Fab & Del Fire Protection - Pipe, Fittings	25	0	100%	21/Nov/19 A	29/Jan/20 A	<div><div></div></div> Fab & Del Fire Protection - Pipe, Fittings																					
	Joints		47	0		22/Oct/19 A	29/Jan/20 A	<div><div></div></div>																					
	SM21 1000	Prepare and Submit Package Joints	15	0	100%	22/Oct/19 A	08/Nov/19 A	<div><div></div></div> Prepare and Submit Package Joints																					
	SM21 1010	Review and Approve Package Joints	15	0	100%	31/Oct/19 A	20/Nov/19 A	<div><div></div></div> Review and Approve Package Joints																					
	SM21 1020	Fab & Del Fire Protection - Joints	25	0	100%	21/Nov/19 A	29/Jan/20 A	<div><div></div></div> Fab & Del Fire Protection - Joints																					
	Valves		47	0		22/Oct/19 A	29/Jan/20 A	<div><div></div></div>																					
	SM 21 150	Prepare and Submit Package Valves	20	0	100%	22/Oct/19 A	08/Nov/19 A	<div><div></div></div> Prepare and Submit Package Valves																					
	SM 21 220	Review and Approve Package Valves	20	0	100%	31/Oct/19 A	27/Nov/19 A	<div><div></div></div> Review and Approve Package Valves																					

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
Division 21 - Mechanical	SM 21 290	Fabricate and Deliver Valves	20	0	100%	29/Nov/19 A	29/Jan/20 A																						
	Sprinklers		52	0		22/Oct/19 A	29/Jan/20 A																						
	SM 21 210	Prepare and Submit Package Sprinkler Heads	10	0	100%	22/Oct/19 A	13/Nov/19 A																						
	SM 21 250	Review and Approve Sprinkler Heads	10	0	100%	14/Nov/19 A	27/Nov/19 A																						
	SM 21 280	Fab & Deliver Sprinkler Heads	25	0	100%	29/Nov/19 A	29/Jan/20 A																						
	Fire Dept Connections		52	0		22/Oct/19 A	29/Jan/20 A																						
	SM21 1030	Prepare and Submit Package Fire Dept Connections	10	0	100%	22/Oct/19 A	13/Nov/19 A																						
	SM21 1040	Review and Approve Fire Dept Connections	10	0	100%	14/Nov/19 A	27/Nov/19 A																						
	SM21 1050	Fab & Deliver Fire Dept Connections	25	0	100%	29/Nov/19 A	29/Jan/20 A																						
	Fire Standpipe Equipment		52	0		22/Oct/19 A	29/Jan/20 A																						
	SM21 1060	Prepare and Submit Package Fire Standpipe Equip	10	0	100%	22/Oct/19 A	13/Nov/19 A																						
	SM21 1070	Review and Approve Fire Standpipe Equip	10	0	100%	14/Nov/19 A	27/Nov/19 A																						
	SM21 1080	Fab & Deliver Fire Standpipe Equip	25	0	100%	29/Nov/19 A	29/Jan/20 A																						
	Roof Manifold		52	0		22/Oct/19 A	29/Jan/20 A																						
	SM21 1090	Prepare and Submit Package Roof Manifold	10	0	100%	22/Oct/19 A	13/Nov/19 A																						
	SM21 1100	Review and Approve Roof Manifold	10	0	100%	14/Nov/19 A	27/Nov/19 A																						
	SM21 1110	Fab & Deliver Roof Manifold	25	0	100%	29/Nov/19 A	29/Jan/20 A																						
	Fire Dept Hydrant Connection		52	0		22/Oct/19 A	29/Jan/20 A																						
	SM21 1120	Prepare and Submit Package Fire Dept Hydrant Connection	10	0	100%	22/Oct/19 A	13/Nov/19 A																						
	SM21 1130	Review and Approve Fire Dept Hydrant Connection	10	0	100%	14/Nov/19 A	27/Nov/19 A																						
	SM21 1140	Fab & Deliver Fire Dept Hydrant Connection	25	0	100%	29/Nov/19 A	29/Jan/20 A																						
	Supplementary Steel Channels & Supports		52	0		22/Oct/19 A	29/Jan/20 A																						
	SM21 1150	Prepare and Submit Package Steel Channels & Supports	10	0	100%	22/Oct/19 A	13/Nov/19 A																						
	SM21 1160	Review and Approve Steel Channels & Supports	10	0	100%	14/Nov/19 A	27/Nov/19 A																						
	SM21 1170	Fab & Deliver Steel Channels & Supports	25	0	100%	29/Nov/19 A	29/Jan/20 A																						
	Hangers & Seismic Restraints		42	0		22/Oct/19 A	29/Jan/20 A																						
	SM 21 110	Prepare and Submit Package Hangers	10	0	100%	22/Oct/19 A	13/Nov/19 A																						
	SM 21 190	Review and Approve Package Hangers	10	0	100%	14/Nov/19 A	27/Nov/19 A																						
	SM 21 260	Fabricate and Deliver Fire Protection Hangers & Seismic Restraints	15	0	100%	29/Nov/19 A	29/Jan/20 A																						
	Alarm Devices		52	0		22/Oct/19 A	29/Jan/20 A																						
	SM21 1180	Prepare and Submit Package Alarm Devices	10	0	100%	22/Oct/19 A	13/Nov/19 A																						
	SM21 1190	Review and Approve Alarm Devices	10	0	100%	14/Nov/19 A	27/Nov/19 A																						
	SM21 1200	Fab & Deliver Alarm Devices	25	0	100%	29/Nov/19 A	29/Jan/20 A																						
	Double Check Valve		52	0		22/Oct/19 A	29/Jan/20 A																						
	SM21 1210	Prepare and Submit Package Double Check Valves	10	0	100%	22/Oct/19 A	13/Nov/19 A																						
	SM21 1220	Review and Approve Double Check Valves	10	0	100%	14/Nov/19 A	27/Nov/19 A																						
	SM21 1230	Fab & Deliver Double Check Valves	25	0	100%	29/Nov/19 A	29/Jan/20 A																						
	Access Panels		52	0		22/Oct/19 A	29/Jan/20 A																						
	SM 21 100	Prepare and Submit Package Access Panels	15	0	100%	22/Oct/19 A	20/Nov/19 A																						
	SM 21 170	Review and Approve Access Panels	15	0	100%	21/Nov/19 A	12/Dec/19 A																						
	SM 21 230	Fab & Deliver Access Panels	15	0	100%	13/Dec/19 A	29/Jan/20 A																						
	Air Compressor		52	0		22/Oct/19 A	14/Jan/20 A																						
	SM21 1240	Prepare and Submit Package Air Compressor	10	0	100%	22/Oct/19 A	13/Nov/19 A																						
	SM21 1250	Review and Approve Air Compressor	10	0	100%	14/Nov/19 A	27/Nov/19 A																						
	SM21 1260	Fab & Deliver Air Compressor	25	0	100%	29/Nov/19 A	14/Jan/20 A																						
	Division 22 - Plumbing		97	0		22/Oct/19 A	26/May/20 A																						
Pipe,Fittings		52	0		22/Oct/19 A	06/Jan/20 A																							
SM 22 100	Prepare and Submit Package Pipe	10	0	100%	22/Oct/19 A	13/Nov/19 A																							
SM 22 260	Review and Approve Package Pipe	10	0	100%	14/Nov/19 A	27/Nov/19 A																							
SM 22 400	Fabricate and Deliver Plumbing Pipe	25	0	100%	29/Nov/19 A	06/Jan/20 A																							
Joints		52	0		22/Oct/19 A	06/Jan/20 A																							

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
1	SM22 1000	Prepare and Submit Package Joints	10	0	100%	22/Oct/19 A	13/Nov/19 A	<div><div></div><div>Prepare and Submit Package Joints</div></div>																					
	SM22 1010	Review and Approve Package Joints	10	0	100%	14/Nov/19 A	27/Nov/19 A	<div><div></div><div>Review and Approve Package Joints</div></div>																					
	SM22 1020	Fabricate and Deliver Plumbing Joints	25	0	100%	29/Nov/19 A	06/Jan/20 A	<div><div></div><div>Fabricate and Deliver Plumbing Joints</div></div>																					
	Valves		52	0		22/Oct/19 A	06/Jan/20 A	<div><div></div></div>																					
	SM22 1030	Prepare and Submit Package Valves	10	0	100%	22/Oct/19 A	13/Nov/19 A	<div><div></div><div>Prepare and Submit Package Valves</div></div>																					
	SM22 1040	Review and Approve Package Valves	10	0	100%	14/Nov/19 A	27/Nov/19 A	<div><div></div><div>Review and Approve Package Valves</div></div>																					
	SM22 1050	Fabricate and Deliver Plumbing Valves	25	0	100%	29/Nov/19 A	06/Jan/20 A	<div><div></div><div>Fabricate and Deliver Plumbing Valves</div></div>																					
	Insulation		37	0		22/Oct/19 A	12/Dec/19 A	<div><div></div></div>																					
	SM 22 130	Prepare and Submit Package Insulation	15	0	100%	22/Oct/19 A	20/Nov/19 A	<div><div></div><div>Prepare and Submit Package Insulation</div></div>																					
	SM 22 370	Review and Approve Package Insulation	15	0	100%	21/Nov/19 A	12/Dec/19 A	<div><div></div><div>Review and Approve Package Insulation</div></div>																					
	SM 22 550	Fabricate and Deliver Plumbing Insulation	5	0	100%	02/Dec/19 A	06/Dec/19 A	<div><div></div><div>Fabricate and Deliver Plumbing Insulation</div></div>																					
	Traps		52	0		22/Oct/19 A	13/Dec/19 A	<div><div></div></div>																					
	SM22 1060	Prepare and Submit Package Traps	10	0	100%	22/Oct/19 A	13/Nov/19 A	<div><div></div><div>Prepare and Submit Package Traps</div></div>																					
	SM22 1070	Review and Approve Package Traps	10	0	100%	14/Nov/19 A	27/Nov/19 A	<div><div></div><div>Review and Approve Package Traps</div></div>																					
	SM22 1080	Fabricate and Deliver Plumbing Traps	25	0	100%	29/Nov/19 A	13/Dec/19 A	<div><div></div><div>Fabricate and Deliver Plumbing Traps</div></div>																					
	Drain Valves		52	0		22/Oct/19 A	13/Dec/19 A	<div><div></div></div>																					
	SM22 1090	Prepare and Submit Package Drain Valves	10	0	100%	22/Oct/19 A	13/Nov/19 A	<div><div></div><div>Prepare and Submit Package Drain Valves</div></div>																					
	SM22 1100	Review and Approve Package Drain Valves	10	0	100%	14/Nov/19 A	27/Nov/19 A	<div><div></div><div>Review and Approve Package Drain Valves</div></div>																					
	SM22 1110	Fabricate and Deliver Plumbing Drain Valves	25	0	100%	29/Nov/19 A	13/Dec/19 A	<div><div></div><div>Fabricate and Deliver Plumbing Drain Valves</div></div>																					
	Shock Absorbers		52	0		22/Oct/19 A	13/Dec/19 A	<div><div></div></div>																					
	SM22 1120	Prepare and Submit Package Shock Absorbers	10	0	100%	22/Oct/19 A	13/Nov/19 A	<div><div></div><div>Prepare and Submit Package Shock Absorbers</div></div>																					
	SM22 1130	Review and Approve Package Shock Absorbers	10	0	100%	14/Nov/19 A	27/Nov/19 A	<div><div></div><div>Review and Approve Package Shock Absorbers</div></div>																					
	SM22 1140	Fabricate and Deliver Plumbing Shock Absorbers	25	0	100%	29/Nov/19 A	13/Dec/19 A	<div><div></div><div>Fabricate and Deliver Plumbing Shock Absorbers</div></div>																					
	Piping Accessories		52	0		22/Oct/19 A	13/Dec/19 A	<div><div></div></div>																					
	SM22 1150	Prepare and Submit Package Piping Accessories	10	0	100%	22/Oct/19 A	13/Nov/19 A	<div><div></div><div>Prepare and Submit Package Piping Accessories</div></div>																					
	SM22 1160	Review and Approve Package Piping Accessories	10	0	100%	14/Nov/19 A	27/Nov/19 A	<div><div></div><div>Review and Approve Package Piping Accessories</div></div>																					
	SM22 1170	Fabricate and Deliver Plumbing Piping Accessories	25	0	100%	29/Nov/19 A	13/Dec/19 A	<div><div></div><div>Fabricate and Deliver Plumbing Piping Accessories</div></div>																					
	Hose Bibbs & Wall Hydrants		52	0		22/Oct/19 A	13/Dec/19 A	<div><div></div></div>																					
	SM 22 170	Prepare and Submit Package Hose Bibbs	15	0	100%	22/Oct/19 A	20/Nov/19 A	<div><div></div><div>Prepare and Submit Package Hose Bibbs</div></div>																					
	SM 22 300	Review and Approve Package Hbse Bibbs	15	0	100%	21/Nov/19 A	12/Dec/19 A	<div><div></div><div>Review and Approve Package Hbse Bibbs</div></div>																					
	SM 22 460	Fabricate and Deliver Plumbing Hose Bibbs	15	0	100%	13/Dec/19 A	13/Dec/19 A	<div><div></div><div>Fabricate and Deliver Plumbing Hose Bibbs</div></div>																					
	Cleanouts		52	0		22/Oct/19 A	13/Dec/19 A	<div><div></div></div>																					
	SM 22 190	Prepare and Submit Package Cleanouts	15	0	100%	22/Oct/19 A	20/Nov/19 A	<div><div></div><div>Prepare and Submit Package Cleanouts</div></div>																					
	SM 22 320	Review and Approve Package Cleanouts	15	0	100%	21/Nov/19 A	12/Dec/19 A	<div><div></div><div>Review and Approve Package Cleanouts</div></div>																					
	SM 22 480	Fabricate and Deliver Plumbing Cleanouts	15	0	100%	13/Dec/19 A	13/Dec/19 A	<div><div></div><div>Fabricate and Deliver Plumbing Cleanouts</div></div>																					
	Access Panels & Covers		52	0		22/Oct/19 A	13/Dec/19 A	<div><div></div></div>																					
	SM 22 180	Prepare and Submit Package Access Panels	15	0	100%	22/Oct/19 A	20/Nov/19 A	<div><div></div><div>Prepare and Submit Package Access Panels</div></div>																					
	SM 22 310	Review and Approve Package Access Panels	15	0	100%	21/Nov/19 A	12/Dec/19 A	<div><div></div><div>Review and Approve Package Access Panels</div></div>																					
	SM 22 470	Fabricate and Deliver Plumbing Access Panels	15	0	100%	13/Dec/19 A	13/Dec/19 A	<div><div></div><div>Fabricate and Deliver Plumbing Access Panels</div></div>																					
	Steel Channels & Supports		52	0		22/Oct/19 A	13/Dec/19 A	<div><div></div></div>																					
	SM22 1180	Prepare and Submit Package Steel Channels & Supportd	10	0	100%	22/Oct/19 A	13/Nov/19 A	<div><div></div><div>Prepare and Submit Package Steel Channels &amp; Supportd</div></div>																					
	SM22 1190	Review and Approve Package Steel Channels & Supportd	10	0	100%	14/Nov/19 A	27/Nov/19 A	<div><div></div><div>Review and Approve Package Steel Channels &amp; Supportd</div></div>																					
	SM22 1200	Fabricate and Deliver Plumbing Steel Channels & Supportd	25	0	100%	29/Nov/19 A	13/Dec/19 A	<div><div></div><div>Fabricate and Deliver Plumbing Steel Channels &amp; Supportd</div></div>																					
	Hangers, Anchors, Guides, Supports		47	0		22/Oct/19 A	13/Dec/19 A	<div><div></div></div>																					
	SM 22 120	Prepare and Submit Package Hangers	15	0	100%	22/Oct/19 A	20/Nov/19 A	<div><div></div><div>Prepare and Submit Package Hangers</div></div>																					
SM 22 270	Review and Approve Package Hangers	15	0	100%	21/Nov/19 A	12/Dec/19 A	<div><div></div><div>Review and Approve Package Hangers</div></div>																						
SM 22 420	Fabricate and Deliver Plumbing Hangers	10	0	100%	13/Dec/19 A	13/Dec/19 A	<div><div></div><div>Fabricate and Deliver Plumbing Hangers</div></div>																						
Floor Drains		52	0		22/Oct/19 A	13/Dec/19 A	<div><div></div></div>																						
SM 22 160	Prepare and Submit Drains	15	0	100%	22/Oct/19 A	20/Nov/19 A	<div><div></div><div>Prepare and Submit Drains</div></div>																						
SM 22 290	Review and Approve Package Drains	15	0	100%	21/Nov/19 A	12/Dec/19 A	<div><div></div><div>Review and Approve Package Drains</div></div>																						
SM 22 450	Fabricate and Deliver Roof & Floor Drain	15	0	100%	13/Dec/19 A	13/Dec/19 A	<div><div></div><div>Fabricate and Deliver Roof &amp; Floor Drain</div></div>																						

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Fixtures		82	0		22/Oct/19 A	26/May/20 A																							
SM 22 110	Prepare and Submit Package Plumbing Fixtures	20	0	100%	22/Oct/19 A	27/Nov/19 A	<div>Prepare and Submit Package Plumbing Fixtures</div>																						
SM 22 410	Review and Approve Package Plumbing Fixtures	15	0	100%	29/Nov/19 A	19/Dec/19 A	<div>Review and Approve Package Plumbing Fixtures</div>																						
SM 22 560	Fabricate and Deliver Plumbing Fixtures	40	0	100%	20/Dec/19 A	26/May/20 A	<div>Fabricate and Deliver Plumbing Fixtures</div>																						
Backflow Preventers		52	0		22/Oct/19 A	13/Dec/19 A																							
SM22 1210	Prepare and Submit Package Backflow Preventers	10	0	100%	22/Oct/19 A	13/Nov/19 A	<div>Prepare and Submit Package Backflow Preventers</div>																						
SM22 1220	Review and Approve Package Backflow Preventers	10	0	100%	14/Nov/19 A	27/Nov/19 A	<div>Review and Approve Package Backflow Preventers</div>																						
SM22 1230	Fabricate and Deliver Plumbing Backflow Preventers	25	0	100%	29/Nov/19 A	13/Dec/19 A	<div>Fabricate and Deliver Plumbing Backflow Preventers</div>																						
Unions & Nipples		47	0		22/Oct/19 A	13/Dec/19 A																							
SM22 1240	Prepare and Submit Package Unions & Nipples	10	0	100%	22/Oct/19 A	13/Nov/19 A	<div>Prepare and Submit Package Unions &amp; Nipples</div>																						
SM22 1250	Review and Approve Package Unions & Nipples	10	0	100%	14/Nov/19 A	27/Nov/19 A	<div>Review and Approve Package Unions &amp; Nipples</div>																						
SM22 1260	Fabricate and Deliver Plumbing Unions & Nipples	20	0	100%	29/Nov/19 A	13/Dec/19 A	<div>Fabricate and Deliver Plumbing Unions &amp; Nipples</div>																						
Water Heaters		97	0		22/Oct/19 A	10/Apr/20 A																							
SM22 1270	Prepare and Submit Package Water Heaters	20	0	100%	22/Oct/19 A	27/Nov/19 A	<div>Prepare and Submit Package Water Heaters</div>																						
SM22 1280	Review and Approve Package Water Heaters	20	0	100%	29/Nov/19 A	21/Feb/20 A	<div>Review and Approve Package Water Heaters</div>																						
SM22 1290	Fabricate and Deliver Plumbing water Heaters	12	0	100%	24/Feb/20 A	10/Apr/20 A	<div>Fabricate and Deliver Plumbing water Heaters</div>																						
Non-potable Water Heater		97	0		22/Oct/19 A	10/Mar/20 A																							
SM22 1300	Prepare and Submit Package Non-potable Water Heater	20	0	100%	22/Oct/19 A	27/Nov/19 A	<div>Prepare and Submit Package Non-potable Water Heater</div>																						
SM22 1310	Review and Approve Package Non-potable Water Heater	20	0	100%	29/Nov/19 A	21/Jan/20 A	<div>Review and Approve Package Non-potable Water Heater</div>																						
SM22 1320	Fabricate and Deliver Plumbing Non-potable Water Heater	34	0	100%	22/Jan/20 A	10/Mar/20 A	<div>Fabricate and Deliver Plumbing Non-potable Water Heater</div>																						
Sump Pump Systems		70	0		22/Oct/19 A	02/Mar/20 A																							
SM22 1330	Prepare and Submit Package Sump Pump System	20	0	100%	22/Oct/19 A	27/Nov/19 A	<div>Prepare and Submit Package Sump Pump System</div>																						
SM22 1340	Review and Approve Package Sump Pump System	20	0	100%	29/Nov/19 A	31/Jan/20 A	<div>Review and Approve Package Sump Pump System</div>																						
SM22 1350	Fabricate and Deliver Plumbing Sump Pump System	0	0	100%	31/Jan/20 A	02/Mar/20 A	<div>Fabricate and Deliver Plumbing Sump Pump System</div>																						
Tempering Valves		70	0		22/Oct/19 A	02/Mar/20 A																							
SM22 1360	Prepare and Submit Package Tempering Valves	20	0	100%	22/Oct/19 A	27/Nov/19 A	<div>Prepare and Submit Package Tempering Valves</div>																						
SM22 1370	Review and Approve Package Tempering Valves	20	0	100%	29/Nov/19 A	31/Jan/20 A	<div>Review and Approve Package Tempering Valves</div>																						
SM22 1380	Fabricate and Deliver Plumbing Tempering Valves	0	0	100%	31/Jan/20 A	02/Mar/20 A	<div>Fabricate and Deliver Plumbing Tempering Valves</div>																						
Recirculating Hot Water Pumps		93	0		22/Oct/19 A	04/Mar/20 A																							
SM22 1390	Prepare and Submit Package Recirculating Hot Water Pumps	20	0	100%	22/Oct/19 A	27/Nov/19 A	<div>Prepare and Submit Package Recirculating Hot Water Pumps</div>																						
SM22 1400	Review and Approve Package Recirculating Hot Water Pumps	20	0	100%	29/Nov/19 A	31/Dec/19 A	<div>Review and Approve Package Recirculating Hot Water Pumps</div>																						
SM22 1410	Fabricate and Deliver Plumbing Recirculating Hot Water Pumps	45	0	100%	31/Dec/19 A	04/Mar/20 A	<div>Fabricate and Deliver Plumbing Recirculating Hot Water Pumps</div>																						
Air Intake & Exhaust Breeching - Chimney, Stacks		80	0		22/Oct/19 A	13/Feb/20 A																							
SM22 1420	Prepare and Submit Package Air Intake & Exhaust Breeching	20	0	100%	22/Oct/19 A	27/Nov/19 A	<div>Prepare and Submit Package Air Intake &amp; Exhaust Breeching</div>																						
SM22 1430	Review and Approve Package Air Intake & Exhaust Breeching	20	0	100%	29/Nov/19 A	31/Jan/20 A	<div>Review and Approve Package Air Intake &amp; Exhaust Breeching</div>																						
SM22 1440	Fabricate and Deliver Plumbing Air Intake & Exhaust Breeching	10	0	100%	31/Jan/20 A	13/Feb/20 A	<div>Fabricate and Deliver Plumbing Air Intake &amp; Exhaust Breeching</div>																						
Condensate Neutralizing Tubes		70	0		22/Oct/19 A	13/Feb/20 A																							
SM22 1450	Prepare and Submit Package Condensate Neutralizing Tubes	20	0	100%	22/Oct/19 A	27/Nov/19 A	<div>Prepare and Submit Package Condensate Neutralizing Tubes</div>																						
SM22 1460	Review and Approve Package Condensate Neutralizing Tubes	20	0	100%	29/Nov/19 A	31/Jan/20 A	<div>Review and Approve Package Condensate Neutralizing Tubes</div>																						
SM22 1470	Fabricate and Deliver Plumbing Condensate Neutralizing Tubes	0	0	100%	31/Jan/20 A	13/Feb/20 A	<div>Fabricate and Deliver Plumbing Condensate Neutralizing Tubes</div>																						
Natural Gas Sub Meter		67	0		22/Oct/19 A	13/Feb/20 A																							
SM22 1510	Prepare and Submit Package Natural Gas Sub-Meter	20	0	100%	22/Oct/19 A	27/Nov/19 A	<div>Prepare and Submit Package Natural Gas Sub-Meter</div>																						
SM22 1520	Review and Approve Package Natural Gas Sub-Meter	20	0	100%	29/Nov/19 A	27/Dec/19 A	<div>Review and Approve Package Natural Gas Sub-Meter</div>																						
SM22 1530	Fabricate and Deliver Plumbing Natural Gas Sub-Meter	20	0	100%	30/Dec/19 A	13/Feb/20 A	<div>Fabricate and Deliver Plumbing Natural Gas Sub-Meter</div>																						
Water Meter		67	0		22/Oct/19 A	31/Mar/20 A																							
SM22 1540	Prepare and Submit Package Water Meter	20	0	100%	22/Oct/19 A	27/Nov/19 A	<div>Prepare and Submit Package Water Meter</div>																						
SM22 1550	Review and Approve Package Water Meter	20	0	100%	29/Nov/19 A	27/Dec/19 A	<div>Review and Approve Package Water Meter</div>																						
SM22 1560	Fabricate and Deliver Plumbing Water Meter	20	0	100%	30/Dec/19 A	31/Mar/20 A	<div>Fabricate and Deliver Plumbing Water Meter</div>																						
Domestic Water Sub- Meter		67	0		22/Oct/19 A	31/Jan/20 A																							
SM22 1570	Prepare and Submit Package Domestic Water Sub-Meter	20	0	100%	22/Oct/19 A	27/Nov/19 A	<div>Prepare and Submit Package Domestic Water Sub-Meter</div>																						
SM22 1580	Review and Approve Package Domestic Water Sub-Meter	20	0	100%	29/Nov/19 A	27/Dec/19 A	<div>Review and Approve Package Domestic Water Sub-Meter</div>																						



Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			24
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
1	SM23 1090	Prepare and Submit Package - Terminal Heating Units	10	0	100%	22/Oct/19 A	13/Nov/19 A																						
	SM23 1100	Review and Approve Package - Terminal Heating Units	10	0	100%	31/Dec/19 A	14/Jan/20 A																						
	SM23 1110	Fabricate and Deliver HVAC Terminal Heating Units Electric	40	0	100%	15/Jan/20 A	31/Mar/20 A																						
	Variable Air Volume Boxes		62	0		22/Oct/19 A	11/Mar/20 A																						
	SM23 1060	Prepare and Submit Package - VAV Boxes	15	0	100%	22/Oct/19 A	20/Nov/19 A																						
	SM23 1070	Review and Approve Package - VAV Boxes	15	0	100%	21/Nov/19 A	12/Dec/19 A																						
	SM23 1080	Fabricate and Deliver HVAC VAV Boxes	25	0	100%	13/Dec/19 A	11/Mar/20 A																						
	Rooftop Units		156	0		28/Aug/19 A	24/Mar/20 A																						
	SM 23 800	Prepare and Submit Package - Rooftop Units	20	0	100%	28/Aug/19 A	13/Sep/19 A																						
	SM 23 810	Review and Approve Package - Rooftop Units	25	0	100%	16/Sep/19 A	11/Oct/19 A																						
	SM 23 820	Fabricate and Deliver HVAC Rooftop Units	90	0	100%	14/Oct/19 A	24/Mar/20 A																						
	Ductless Cooling Unit Systems		115	0		22/Oct/19 A	09/Mar/20 A																						
	SM 23 160	Prepare and Submit Package - Ductless Cooling Unit Systems	10	0	100%	22/Oct/19 A	06/Nov/19 A																						
	SM 23 400	Review and Approve Package - Ductless Cooling Unit Systems	10	0	100%	07/Nov/19 A	31/Dec/19 A																						
	SM 23 590	Fabricate and Deliver HVAC Ductless Cooling Unit Systems	30	0	100%	01/Jan/20 A	09/Mar/20 A																						
	Power & Gravity Ventilators		66	0		22/Oct/19 A	24/Jan/20 A																						
	SM 23 180	Prepare and Submit Package - Power & Gravity Ventilators	15	0	100%	22/Oct/19 A	08/Nov/19 A																						
	SM 23 185	Review & Approve Package - Power & Gravity Ventilators	15	0	100%	31/Oct/19 A	20/Nov/19 A																						
	SM 23 610	Fabricate and Deliver HVAC Power & Gravity Ventilators	18	0	100%	31/Dec/19 A	24/Jan/20 A																						
	Metal Ductwork		32	0		22/Oct/19 A	03/Jan/20 A																						
	SM 3 190	Prepare and Submit Package - Metal Ductwork	15	0	100%	22/Oct/19 A	08/Nov/19 A																						
	SM 3 200	Review and Approve Package - Metal Ductwork	15	0	100%	31/Oct/19 A	20/Nov/19 A																						
	SM 3 210	Fabricate and Deliver HVAC Metal Ductwork	10	0	100%	21/Nov/19 A	03/Jan/20 A																						
	Metal Ductwork Accessories		32	0		22/Oct/19 A	02/Jan/20 A																						
	SM23 220	Prepare and Submit Package - Metal Ductwork Accessories	15	0	100%	22/Oct/19 A	08/Nov/19 A																						
	SM23 230	Review and Approve Package - Metal Ductwork Accessories	15	0	100%	31/Oct/19 A	20/Nov/19 A																						
	SM23 240	Fabricate and Deliver HVAC Metal Ductwork Accessories	10	0	100%	21/Nov/19 A	02/Jan/20 A																						
	Air Outlets & Inlets		93	0		22/Oct/19 A	13/Mar/20 A																						
	SM 23 600	Prepare & Submit Package - Air Outlets & Inlets	15	0	100%	22/Oct/19 A	08/Nov/19 A																						
	SM 23 100	Review & Approve Package - Air Outlets & Inlets	15	0	100%	31/Dec/19 A	21/Jan/20 A																						
	SM 23 110	Fabricate and Deliver Air Outlets & Inlets	30	0	100%	22/Jan/20 A	13/Mar/20 A																						
	Acoustic Duct Lining		32	0		22/Oct/19 A	03/Jan/20 A																						
	SM23 1120	Prepare and Submit Package - Acoustical Duct Lining	15	0	100%	22/Oct/19 A	08/Nov/19 A																						
	SM23 1130	Review and Approve Package - Acoustical Duct Lining	15	0	100%	31/Oct/19 A	20/Nov/19 A																						
	SM23 1140	Fabricate and Deliver HVAC Acoustical Duct Lining	10	0	100%	21/Nov/19 A	03/Jan/20 A																						
	Sound Attenuators		37	0		22/Oct/19 A	07/Jan/20 A																						
	SM 23 250	Prepare and Submit Package - Sound Attenuators	10	0	100%	22/Oct/19 A	08/Nov/19 A																						
	SM 23 340	Review and Approve Package - Sound Attenuators	10	0	100%	31/Oct/19 A	13/Nov/19 A																						
	SM 23 530	Fabricate and Deliver HVAC Sound Attenuators	20	0	100%	14/Nov/19 A	07/Jan/20 A																						
	Condensate Discharge Pumps		91	0		22/Oct/19 A	02/Mar/20 A																						
SM 23 140	Prepare and Submit Package - Condensate Discharge Pumps	20	0	100%	22/Oct/19 A	27/Nov/19 A																							
SM 23 380	Review and Approve Package - Condensate Discharge Pumps	20	0	100%	29/Nov/19 A	27/Dec/19 A																							
SM 23 570	Fabricate and Deliver HVAC Condensate Discharge Pumps	43	0	100%	31/Dec/19 A	02/Mar/20 A																							
Firestop Systems		53	0		22/Oct/19 A	14/Jan/20 A																							
SM 23 260	Prepare and Submit Package - Firestop Systems	10	0	100%	22/Oct/19 A	08/Nov/19 A																							
SM 23 350	Review and Approve Package - Firestop Systems	10	0	100%	31/Oct/19 A	13/Nov/19 A																							
SM 23 540	Fabricate and Deliver HVAC Firestop Systems	25	0	100%	02/Dec/19 A	14/Jan/20 A																							
Automatic Temperature Controls		82	0		22/Oct/19 A	18/Feb/20 A																							
SM 23 220	Prepare and Submit Package ATCs	5	0	100%	22/Oct/19 A	27/Jan/20 A																							
SM 23 300	Review and Approve Package ATCs	10	0	100%	28/Jan/20 A	03/Feb/20 A																							
SM 23 500	Fabricate and Deliver ATCs	10	0	100%	04/Feb/20 A	18/Feb/20 A																							

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023				
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
230548 - Vibratory Controls	Testing, Adjusting, Balancing, Cx	79	0		02/Mar/20 A	29/Jun/20 A																								
	SM23 1150	Prepare and Submit Package - Testing, Adjusting, Balancing, Cx	15	0	100%	02/Mar/20 A	20/Mar/20 A	■ Prepare and Submit Package - Testing, Adjusting, Balancing, Cx																						
	SM23 1160	Review and Approve Package - Testing, Adjusting, Balancing, Cx	15	0	100%	23/Mar/20 A	22/May/20 A	■ Review and Approve Package - Testing, Adjusting, Balancing, Cx																						
	SM23 1170	Deliver t HVAC Testing, Adjusting, Balancing, Cx	10	0	100%	29/May/20 A	29/Jun/20 A	■ Deliver t HVAC Testing, Adjusting, Balancing, Cx																						
	230548 - Vibratory Controls		73	0		22/Oct/19 A	31/Jan/20 A																							
	SM23 1180	Prepare and Submit Package - Vibratory & Seismic Controls	15	0	100%	22/Oct/19 A	07/Nov/19 A	■ Prepare and Submit Package - Vibratory & Seismic Controls																						
	SM23 1190	Review and Approve Package - Vibratory & Seismic Controls	15	0	100%	31/Oct/19 A	20/Nov/19 A	■ Review and Approve Package - Vibratory & Seismic Controls																						
	SM23 1200	Fabricate and Deliver HVAC Vibratory & Seismic Controls	25	0	100%	20/Nov/19 A	31/Jan/20 A	■ Fabricate and Deliver HVAC Vibratory & Seismic Controls																						
	Division 26 - Electrical		174	3		15/Aug/19 A	02/Jul/20																							
	Raceways & Fittings		43	0		22/Oct/19 A	21/Jan/20 A																							
	SM 26 900	Prepare and Submit Package Raceways & Fittings	20	0	100%	22/Oct/19 A	27/Nov/19 A	■ Prepare and Submit Package Raceways & Fittings																						
	SM 26 920	Review and Approve Package Raceways & Fittings	15	0	100%	29/Nov/19 A	19/Dec/19 A	■ Review and Approve Package Raceways & Fittings																						
	SM 26 940	Fabricate and Deliver Raceways & Fittings	15	0	100%	19/Dec/19 A	21/Jan/20 A	■ Fabricate and Deliver Raceways & Fittings																						
	Conductors		43	0		22/Oct/19 A	21/Jan/20 A																							
	SM26 1000	Prepare and Submit Package Conductors	20	0	100%	22/Oct/19 A	27/Nov/19 A	■ Prepare and Submit Package Conductors																						
	SM26 1010	Review and Approve Package Conductors	15	0	100%	29/Nov/19 A	19/Dec/19 A	■ Review and Approve Package Conductors																						
	SM26 1020	Fabricate and Deliver Conductors	15	0	100%	19/Dec/19 A	21/Jan/20 A	■ Fabricate and Deliver Conductors																						
	Access Panels		63	0		22/Oct/19 A	21/Jan/20 A																							
	SM 26 910	Prepare and Submit Package Access Panels	20	0	100%	22/Oct/19 A	27/Nov/19 A	■ Prepare and Submit Package Access Panels																						
	SM 26 930	Review and Approve Package Access Panels	15	0	100%	29/Nov/19 A	19/Dec/19 A	■ Review and Approve Package Access Panels																						
	SM 26 950	Fabricate and Deliver Access Panels	15	0	100%	31/Dec/19 A	21/Jan/20 A	■ Fabricate and Deliver Access Panels																						
	Sleeves, Inserts, Openings		23	0		22/Oct/19 A	03/Jan/20 A																							
	SM 26 100	Prepare and Submit Package Sleeves, Inserts	15	0	100%	22/Oct/19 A	11/Nov/19 A	■ Prepare and Submit Package Sleeves, Inserts																						
	SM 26 110	Review and Approve Package Sleeves, Inserts	5	0	100%	12/Nov/19 A	18/Nov/19 A	■ Review and Approve Package Sleeves, Inserts																						
	SM 26 120	Fabricate and Deliver Sleeves, Inserts	3	0	100%	19/Nov/19 A	03/Jan/20 A	■ Fabricate and Deliver Sleeves, Inserts																						
	Wiring Devices		56	0		22/Oct/19 A	21/Jan/20 A																							
	SM 26 190	Prepare and Submit Package Wiring Devices	20	0	100%	22/Oct/19 A	27/Nov/19 A	■ Prepare and Submit Package Wiring Devices																						
	SM 26 240	Review and Approve Package Wiring Devices	15	0	100%	29/Nov/19 A	19/Dec/19 A	■ Review and Approve Package Wiring Devices																						
	SM 26 360	Fabricate and Deliver Electrical Wiring Devices	15	0	100%	19/Dec/19 A	21/Jan/20 A	■ Fabricate and Deliver Electrical Wiring Devices																						
	Lighting Fixtures		111	0		22/Oct/19 A	08/Apr/20 A																							
	SM 26 130	Prepare and Submit Package Light Fixtures	20	0	100%	22/Oct/19 A	27/Nov/19 A	■ Prepare and Submit Package Light Fixtures																						
	SM 26 250	Review and Approve Package Light Fixtures	15	0	100%	29/Nov/19 A	31/Jan/20 A	■ Review and Approve Package Light Fixtures																						
	SM 26 370	Fabricate & Deliver Lighting Fixtures	48	0	100%	31/Jan/20 A	08/Apr/20 A	■ Fabricate & Deliver Lighting Fixtures																						
	Electric Power Equipment		71	0		22/Oct/19 A	27/Mar/20 A																							
	SM26 1030	Prepare and Submit Package Electrical Power Equipment	15	0	100%	22/Oct/19 A	20/Nov/19 A	■ Prepare and Submit Package Electrical Power Equipment																						
	SM26 1040	Review and Approve Package Electrical Power Equipment	15	0	100%	21/Nov/19 A	12/Dec/19 A	■ Review and Approve Package Electrical Power Equipment																						
	SM26 1050	Fabricate & Deliver Dry Type Electrical Power Equipment	30	0	100%	19/Dec/19 A	27/Mar/20 A	■ Fabricate & Deliver Dry Type Electrical Power Equipment																						
	Electrical Controls & Instrumentents		83	0		22/Oct/19 A	28/Feb/20 A																							
	SM26 1060	Prepare and Submit Package Electrical Controls & Instruments	20	0	100%	22/Oct/19 A	29/Nov/19 A	■ Prepare and Submit Package Electrical Controls & Instruments																						
	SM26 1070	Review and Approve Package Electrical Controls & Instruments	15	0	100%	29/Nov/19 A	21/Jan/20 A	■ Review and Approve Package Electrical Controls & Instruments																						
	SM26 1080	Fabricate & Deliver Dry Type Electrical Controls & Instruments	20	0	100%	22/Jan/20 A	28/Feb/20 A	■ Fabricate & Deliver Dry Type Electrical Controls & Instruments																						
	Grounding		71	0		22/Oct/19 A	21/Jan/20 A																							
	SM 26 120	Prepare and Submit Package Grounding	20	0	100%	22/Oct/19 A	29/Nov/19 A	■ Prepare and Submit Package Grounding																						
	SM 26 290	Review and Approve Package Grounding	15	0	100%	29/Nov/19 A	10/Dec/19 A	■ Review and Approve Package Grounding																						
	SM 26 410	Fabricate & Deliver Grounding	15	0	100%	10/Dec/19 A	21/Jan/20 A	■ Fabricate & Deliver Grounding																						
	Distribution Switchboard		138	0		15/Aug/19 A	12/Feb/20 A																							
	SM 26 180	Prepare and Submit Package Switchboard	25	0	100%	15/Aug/19 A	20/Sep/19 A	■ Prepare and Submit Package Switchboard																						
	SM 26 230	Review and Approve Package Switchboard	15	0	100%	23/Sep/19 A	11/Oct/19 A	■ Review and Approve Package Switchboard																						
SM 26 350	Fabricate and Deliver Switchboard	50	0	100%	19/Dec/19 A	12/Feb/20 A	■ Fabricate and Deliver Switchboard																							
Panel Boards		103	0		22/Oct/19 A	21/Feb/20 A																								
SM 26 170	Prepare and Submit Package Panel Boards	15	0	100%	22/Oct/19 A	04/Nov/19 A	■ Prepare and Submit Package Panel Boards																							

DETAIL SCHEDULE

Project Controls SCHEDULE

Appendix

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
<div></div>	SM 26 220	Review and Approve Package Panel Boards	15	0	100%	04/Nov/19 A	07/Jan/20 A	<div><div></div> Review and Approve Package Panel Boards</div>																					
	SM 26 340	Fabricate and Deliver Electrical Panel Boards	50	0	100%	08/Jan/20 A	21/Feb/20 A	<div><div></div> Fabricate and Deliver Electrical Panel Boards</div>																					
	Dry Type Transformers		113	0		22/Oct/19 A	13/Feb/20 A	<div><div></div></div>																					
	SM 26 710	Prepare and Submit Package Dry Type Transformers	15	0	100%	22/Oct/19 A	20/Nov/19 A	<div><div></div> Prepare and Submit Package Dry Type Transformers</div>																					
	SM 26 790	Review and Approve Package Dry Type Transformers	15	0	100%	21/Nov/19 A	07/Jan/20 A	<div><div></div> Review and Approve Package Dry Type Transformers</div>																					
	SM 26 840	Fabricate & Deliver Dry TypeTransformers	60	0	100%	08/Jan/20 A	13/Feb/20 A	<div><div></div> Fabricate &amp; Deliver Dry TypeTransformers</div>																					
	Fire Alarm System		83	0		22/Oct/19 A	19/Feb/20 A	<div><div></div></div>																					
	SM 26 130	Prepare and Submit Package Fire Alarm System	25	0	100%	22/Oct/19 A	07/Jan/20 A	<div><div></div> Prepare and Submit Package Fire Alarm System</div>																					
	SM 26 140	Review and Approve Package Fire Alarm System	10	0	100%	08/Jan/20 A	04/Feb/20 A	<div><div></div> Review and Approve Package Fire Alarm System</div>																					
	SM 26 150	Fabricate & Deliver Fire Alarm System	10	0	100%	05/Feb/20 A	19/Feb/20 A	<div><div></div> Fabricate &amp; Deliver Fire Alarm System</div>																					
	Surge Protection Devices		88	0		22/Oct/19 A	03/Apr/20 A	<div><div></div></div>																					
	SM 26 110	Prepare and Submit Package Surge Protection Devices	10	0	100%	22/Oct/19 A	08/Nov/19 A	<div><div></div> Prepare and Submit Package Surge Protection Devices</div>																					
	SM 26 270	Review and Approve Package Surge Protection Devices	15	0	100%	31/Dec/19 A	21/Jan/20 A	<div><div></div> Review and Approve Package Surge Protection Devices</div>																					
	SM 26 390	Fabricate & Deliver Dry Type Surge Protection Devices	25	0	100%	22/Jan/20 A	03/Apr/20 A	<div><div></div> Fabricate &amp; Deliver Dry Type Surge Protection Devices</div>																					
	Lighting Control System		111	0		22/Oct/19 A	10/Apr/20 A	<div><div></div></div>																					
	SM 26 100	Prepare and Submit Package Lighting Control	20	0	100%	22/Oct/19 A	08/Nov/19 A	<div><div></div> Prepare and Submit Package Lighting Control</div>																					
	SM 26 280	Review and Approve Package Lighting Control	5	0	100%	08/Nov/19 A	07/Feb/20 A	<div><div></div> Review and Approve Package Lighting Control</div>																					
	SM 26 400	Fabricate & Deliver Lighting Control System	35	0	100%	10/Feb/20 A	10/Apr/20 A	<div><div></div> Fabricate &amp; Deliver Lighting Control System</div>																					
	Wireways		61	0		22/Oct/19 A	10/Jan/20 A	<div><div></div></div>																					
	SM 26 700	Prepare and Submit Package Wireways	5	0	100%	22/Oct/19 A	26/Dec/19 A	<div><div></div> Prepare and Submit Package Wireways</div>																					
	SM 26 750	Review and Approve Package Wireways	15	0	100%	27/Dec/19 A	07/Jan/20 A	<div><div></div> Review and Approve Package Wireways</div>																					
	SM 26 800	Fabricate and Deliver Wireways	5	0	100%	08/Jan/20 A	10/Jan/20 A	<div><div></div> Fabricate and Deliver Wireways</div>																					
	Seals		61	0		22/Oct/19 A	07/Jan/20 A	<div><div></div></div>																					
	SM 26 720	Prepare and Submit Package Seals	5	0	100%	22/Oct/19 A	26/Dec/19 A	<div><div></div> Prepare and Submit Package Seals</div>																					
	SM 26 760	Review and Approve Package Seals	15	0	100%	27/Dec/19 A	27/Dec/19 A	<div><div></div> Review and Approve Package Seals</div>																					
	SM 26 810	Fabricate and Deliver Seals	5	0	100%	30/Dec/19 A	07/Jan/20 A	<div><div></div> Fabricate and Deliver Seals</div>																					
	Standby Electrical System		127	3		22/Oct/19 A	02/Jul/20	<div><div></div></div>																					
	SM 26 740	Prepare and Submit Package Standby Electrical System	15	0	100%	22/Oct/19 A	06/Nov/19 A	<div><div></div> Prepare and Submit Package Standby Electrical System</div>																					
	SM 26 780	Review and Approve Package Standby Electrical System	15	0	100%	06/Nov/19 A	29/Nov/19 A	<div><div></div> Review and Approve Package Standby Electrical System</div>																					
	SM 26 830	Fabricate and Deliver Generator	80	3	96.25%	29/Nov/19 A	02/Jul/20	<div><div></div> Fabricate and Deliver Generator</div>																					
	Variable Frequency Drives		105	0		22/Oct/19 A	31/Mar/20 A	<div><div></div></div>																					
	SM26 1090	Prepare and Submit Package Variable Frequency Drives	10	0	100%	22/Oct/19 A	07/Jan/20 A	<div><div></div> Prepare and Submit Package Variable Frequency Drives</div>																					
	SM26 1100	Review and Approve Package Variable Frequency Drives	10	0	100%	08/Jan/20 A	06/Mar/20 A	<div><div></div> Review and Approve Package Variable Frequency Drives</div>																					
	SM26 1110	Fabricate & Deliver Dry Type Variable Frquesncy Drives	10	0	100%	09/Mar/20 A	31/Mar/20 A	<div><div></div> Fabricate &amp; Deliver Dry Type Variable Frquesncy Drives</div>																					
	Firestop		56	0		22/Oct/19 A	07/Jan/20 A	<div><div></div></div>																					
	SM 26 730	Prepare and Submit Package Firestop	5	0	100%	22/Oct/19 A	06/Nov/19 A	<div><div></div> Prepare and Submit Package Firestop</div>																					
	SM 26 770	Review and Approve Package Firestop	15	0	100%	07/Nov/19 A	27/Nov/19 A	<div><div></div> Review and Approve Package Firestop</div>																					
	SM 26 820	Fabricate and Deliver Firestop	15	0	100%	19/Dec/19 A	07/Jan/20 A	<div><div></div> Fabricate and Deliver Firestop</div>																					
	Cabling System		51	0		22/Oct/19 A	07/Jan/20 A	<div><div></div></div>																					
SM 26 200	Prepare and Submit Package Cable System	10	0	100%	22/Oct/19 A	13/Nov/19 A	<div><div></div> Prepare and Submit Package Cable System</div>																						
SM 26 260	Review and Approve Package Cable System	15	0	100%	14/Nov/19 A	05/Dec/19 A	<div><div></div> Review and Approve Package Cable System</div>																						
SM 26 380	Fabricate & Deliver Cable System	10	0	100%	19/Dec/19 A	07/Jan/20 A	<div><div></div> Fabricate &amp; Deliver Cable System</div>																						
Floor Outlets		63	0		22/Oct/19 A	21/Jan/20 A	<div><div></div></div>																						
SM 26 320	Prepare & Submit Package - Floor Outlets	15	0	100%	22/Oct/19 A	20/Nov/19 A	<div><div></div> Prepare &amp; Submit Package - Floor Outlets</div>																						
SM 26 160	Review & Approve Package - Floor Outlets	15	0	100%	21/Nov/19 A	12/Dec/19 A	<div><div></div> Review &amp; Approve Package - Floor Outlets</div>																						
SM 26 170	Fabricate & Deliver Floor Outlets	15	0	100%	31/Dec/19 A	21/Jan/20 A	<div><div></div> Fabricate &amp; Deliver Floor Outlets</div>																						
Division 27 & 28 - Technology & Security		80	0		22/Oct/19 A	13/Feb/20 A	<div><div></div></div>																						
Communications Room Equipment		58	0		22/Oct/19 A	14/Jan/20 A	<div><div></div></div>																						
SM27 1000	Prepare & Submit Package - Communications Room Equip	15	0	100%	22/Oct/19 A	20/Nov/19 A	<div><div></div> Prepare &amp; Submit Package - Communications Room Equip</div>																						
SM27 1010	Review & Approve Package - Communications Room Equip	15	0	100%	19/Dec/19 A	07/Jan/20 A	<div><div></div> Review &amp; Approve Package - Communications Room Equip</div>																						
SM27 1020	Fabricate & Deliver Communications Room Equip	5	0	100%	08/Jan/20 A	14/Jan/20 A	<div><div></div> Fabricate &amp; Deliver Communications Room Equip</div>																						





Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
	MOB 120	Temporary Certificate of Occupancy for Existing Building (Sign-off	5	0	100%	15/Aug/19 A																							
	MOB 130	Relocate Furniture, Students	5	0	100%	15/Aug/19 A																							
	MOB 160	Install Trailers, Temporary Utilities, Laydown Areas	5	0	100%	19/Aug/19 A																							
	MOB 190	New ADA Compliant Access to Pre-K & Asphalt Playground / Fen	8	0	100%	22/Aug/19 A																							
	MOB 140	Ready for School Year 2019/2020 (PD days)	0	0	100%																								
	Site Utilities		263	0		01/Mar/19 A																							
	1SU 150	N-Grid Work Order/Design - gas	120	0	100%	01/Mar/19 A																							
	1SU 160	N-Grid Work Order/Design - electric	120	0	100%	01/Mar/19 A																							
	1SU 210	N-Grid Work Order/Design - temporary Electric	40	0	100%	03/May/19 A																							
	1SU 200	Install Sanitary Sewer Bypass	3	0	100%	22/Jul/19 A																							
	1SU 220	Install Electrical Duct Bank and Manholes	15	0	100%	20/Aug/19 A																							
	1SU 230	Install Electrical Ductbank in Drop off Loop (Summer Work)	10	0	100%	20/Aug/19 A																							
	1SU 100	Install New Water Service	10	0	100%	10/Oct/19 A																							
	1SU 120	Install New Sanitary Main/Replace Existing Sewer Manhole	10	0	100%	02/Dec/19 A																							
	1SU 130	Install Temp Storm Drainage tie in	10	0	100%	03/Dec/19 A																							
	1SU 140	Scheduling Period / Install new electrical service, pole, & transfor	50	0	100%	10/Dec/19 A																							
	1SU 110	Install new gas service	10	0	100%	28/Feb/20 A																							
	Demolition - Southwest Wing		23	0		14/Jun/19 A																							
	1DEM 105	End of School 2019/SW Wing Vacated	0	0	100%	14/Jun/19 A																							
	1DEM 130	Conduct Abatement/Air Clearance/Break down Containment	8	0	100%	17/Jun/19 A																							
	1DEM 110	Cut,Cap, Make-Safe/Selective Demolition	2	0	100%	17/Jun/19 A																							
	1DEM 120	Set Up Containment	5	0	100%	17/Jun/19 A																							
	1DEM 190	Demolish and Remove Building & Foundation - Backfill. Rough G	15	0	100%	26/Jun/19 A																							
	1DEM 170	Install Temporary Structural Supports & Separate from Existing B	5	0	100%	28/Jun/19 A																							
	1DEM 200	Install Temporary Partitions, Infill Foundation (Waterproof), and R	10	0	100%	01/Jul/19 A																							
	Superstructure		120	0		15/Jul/19 A																							
	1SS100	Grade Site for Ground Improvements	15	0	100%	15/Jul/19 A																							
	1SS110	Install Ground Improvements	15	0	100%	05/Aug/19 A																							
	1SS130	Excavate for Foundations	20	0	100%	27/Aug/19 A																							
	1SS120	Ready for Foundations	0	0	100%	28/Aug/19 A																							
	1SS140	Form & Place Footings	10	0	100%	28/Aug/19 A																							
	1SS270	Schedule Impact Items to Foundations: CCD#001 CL #10 Dimen	2	0	100%	29/Aug/19 A																							
	1SS150	Form & Place Foundation Walls	25	0	100%	03/Sep/19 A																							
	1SS260	Form & Place Iso Piers & Pilasters	20	0	100%	03/Sep/19 A																							
	1SS160	Insulate Foundations	5	0	100%	16/Sep/19 A																							
	1SS190	Backfill Foundations	20	0	100%	17/Sep/19 A																							
	1SS180	Waterproof Elevator Pit	5	0	100%	30/Sep/19 A																							
	1SS170	Form & Place Elevator Pit	5	0	100%	07/Oct/19 A																							
	1SS210	Erect Structural Steel	8	0	100%	28/Oct/19 A																							
	1SS200	Foundations ready for Steel	0	0	100%	28/Oct/19 A																							
	1SS220	Install Steel Decking & Detailing	20	0	100%	06/Nov/19 A																							
	1SS240	Install CMU Elevator Shaft	10	0	100%	02/Dec/19 A																							
	1SS230	Structural Steel Complete	0	0	100%																								
	Slabs		41	0		14/Nov/19 A																							
	1SL 110	Install Underslab MEPs	22	0	100%	14/Nov/19 A																							
	1SL 140	Enclose Building for Winter Concrete	10	0	100%	14/Nov/19 A																							
	1SL 100	Prep & Place Slab on Deck	5	0	100%	21/Nov/19 A																							
	1SL 160	Install Roof Slab	5	0	100%	06/Dec/19 A																							
	1SL 150	Backfill, Prep	5	0	100%	23/Dec/19 A																							
	1SL 120	Prep & Place Slab on Grade	5	0	100%	30/Dec/19 A																							
	Stairs		144	0		08/Nov/19 A																							

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
	1ST 100	Install Temporary Exterior Stair	10	0	100%	08/Nov/19 A	13/Nov/19 A	Install Temporary Exterior Stair																					
	1SL 200	Install Handrails at Stairs & Ramp	144	0	100%	08/Nov/19 A	24/Jun/20 A	Install Handrails at Stairs & Ramp																					
	1ST 110	Install CMU Shaft Stair #1	10	0	100%	19/Dec/19 A	27/Jan/20 A	Install CMU Shaft Stair #1																					
	1SL 130	Install Metal Pan Stair #1	5	0	100%	27/Jan/20 A	05/Feb/20 A	Install Metal Pan Stair #1																					
	1SL 170	Place Concrete Stair #1	10	0	100%	13/Feb/20 A	27/Feb/20 A	Place Concrete Stair #1																					
	1SL 180	Ground Improvements for Stair 1 Egress Ramp & Stair (PCO #80	5	0	100%	15/May/20 A	22/May/20 A	Ground Improvements for Stair 1 Egress Ramp & Stair (PCO #8014)																					
	1SL 190	Construct Egress Stair and Ramp for Stair #1	18	0	100%	01/Jun/20 A	24/Jun/20 A	Construct Egress Stair and Ramp for Stair #1																					
	Envelope		145	8		05/Dec/19 A	10/Jul/20																						
	1EX 180	Roof Edge Framing	7	0	100%	05/Dec/19 A	02/Mar/20 A	Roof Edge Framing																					
	1EX 100	Install Exterior Framing & Sheathing	20	0	100%	23/Dec/19 A	02/Mar/20 A	Install Exterior Framing & Sheathing																					
	1EX 130	Install Temporary Weather Protection (for electrical rough in)	6	0	100%	20/Jan/20 A	03/Feb/20 A	Install Temporary Weather Protection (for electrical rough in)																					
	1EX 110	Install Air Vapor Barrier	20	0	100%	10/Feb/20 A	20/Mar/20 A	Install Air Vapor Barrier																					
	1EX 160	Install Masonry Finishes	40	0	100%	20/Feb/20 A	22/May/20 A	Install Masonry Finishes																					
	1EX 140	Install SF Windows, Curtainwalls	33	0	100%	20/Apr/20 A	09/Jun/20 A	Install SF Windows, Curtainwalls																					
	1EX 220	Install Exterior Wood Soffit	19	8	57.89%	18/May/20 A	10/Jul/20	Install Exterior Wood Soffit																					
	1EX 150	Install Storefront Entrances	18	0	100%	22/May/20 A	04/Jun/20 A	Install Storefront Entrances																					
	1EX 210	Overhang Spray Foam Insulation	2	0	100%	27/May/20 A	28/May/20 A	Overhang Spray Foam Insulation																					
	Roofing & Roof Mounted Items		137	13		15/Dec/19 A	17/Jul/20																						
	1EX 120	Install Roofing System	15	0	100%	15/Dec/19 A	30/Dec/19 A	Install Roofing System																					
	1EX 190	Roof Blocking/Roof Drains/Mechanical Curbs/Roof Hatch	5	0	100%	31/Dec/19 A	31/Jan/20 A	Roof Blocking/Roof Drains/Mechanical Curbs/Roof Hatch																					
	1EX 170	Install HVAC Roof Top Units	10	0	100%	24/Mar/20 A	21/May/20 A	Install HVAC Roof Top Units																					
	1EX 200	Install Edge Metal & Sheet Metal Flashing, Roof Screens	20	13	35%	16/Jun/20 A	17/Jul/20	Install Edge Metal & Sheet Metal Flashing, Roof Screens																					
	Rough In		95	0		23/Dec/19 A	22/Jun/20 A																						
	2nd Floor Rough In		95	0		23/Dec/19 A	22/Jun/20 A																						
	1R2 100	Start Rough In	0	0	100%	23/Dec/19 A		Start Rough In																					
	1R2 120	Frame Interior Partitions	15	0	100%	23/Dec/19 A	22/Jan/20 A	Frame Interior Partitions																					
	1R2 130	Rough-in Plumbing	15	0	100%	23/Dec/19 A	29/Jan/20 A	Rough-in Plumbing																					
	1R2 110	Rough-in HVAC Ductwork & Piping	20	0	100%	07/Jan/20 A	03/Mar/20 A	Rough-in HVAC Ductwork & Piping																					
	1R2 140	Rough-in Electrical Power, Lights	20	0	100%	22/Jan/20 A	03/Mar/20 A	Rough-in Electrical Power, Lights																					
	1R2 180	Rough-in Fire Alarm	20	0	100%	22/Jan/20 A	03/Mar/20 A	Rough-in Fire Alarm																					
	1R2 150	Rough-in Fire Protection	10	0	100%	27/Jan/20 A	02/Mar/20 A	Rough-in Fire Protection																					
	1R2 160	MECH Inspections	15	0	100%	31/Jan/20 A	16/Mar/20 A	MECH Inspections																					
	1R2 190	Rough-in ATCs,	5	0	100%	31/Jan/20 A	02/Mar/20 A	Rough-in ATCs,																					
	1R2 200	Rough-in Tele/data/security/BDA	10	0	100%	31/Jan/20 A	02/Mar/20 A	Rough-in Tele/data/security/BDA																					
	1R2 270	MECH Insulation & Firestopping	8	0	100%	24/Feb/20 A	06/Mar/20 A	MECH Insulation & Firestopping																					
	1R2 300	Inwall Inspection	5	0	100%	25/Feb/20 A	13/Mar/20 A	Inwall Inspection																					
	1R2 290	Building Insulation	5	0	100%	26/Feb/20 A	02/Mar/20 A	Building Insulation																					
	1R2 280	MECH Insulation Inspection	1	0	100%	05/Mar/20 A	06/Mar/20 A	MECH Insulation Inspection																					
	1R2 170	Complete Rough-in 2nd Floor	0	0	100%		16/Mar/20 A	Complete Rough-in 2nd Floor																					
	1R2 310	Interface Fire Alarm/Security/BDA	10	0	100%	20/May/20 A	22/Jun/20 A	Interface Fire Alarm/Security/BDA																					
	1st Floor Rough In		37	0		27/Jan/20 A	24/Mar/20 A																						
	1R1 100	Start Rough In 1st Floor	0	0	100%	27/Jan/20 A		Start Rough In 1st Floor																					
	1R1 130	Rough-in Plumbing	12	0	100%	27/Jan/20 A	28/Feb/20 A	Rough-in Plumbing																					
	1R1 110	Rough-in HVAC Ductwork & Piping	20	0	100%	31/Jan/20 A	13/Mar/20 A	Rough-in HVAC Ductwork & Piping																					
	1R1 120	Frame Interior Partitions	15	0	100%	31/Jan/20 A	02/Mar/20 A	Frame Interior Partitions																					
1R1 150	Rough-in Fire Protection	10	0	100%	05/Feb/20 A	11/Mar/20 A	Rough-in Fire Protection																						
1R1 140	Rough-in Electrical Power, Lights	20	0	100%	12/Feb/20 A	12/Mar/20 A	Rough-in Electrical Power, Lights																						
1R1 180	Rough-in Fire Alarm	20	0	100%	12/Feb/20 A	12/Mar/20 A	Rough-in Fire Alarm																						
1R1 190	Rough-in ATCs	5	0	100%	12/Feb/20 A	06/Mar/20 A	Rough-in ATCs																						
1R1 200	Rough-in Tele/data.Security/BDA	10	0	100%	14/Feb/20 A	05/Mar/20 A	Rough-in Tele/data.Security/BDA																						
1R1 210	Interface Fire Alarm/Security/BDA	10	0	100%	02/Mar/20 A	13/Mar/20 A	Interface Fire Alarm/Security/BDA																						

Activity ID		Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			2024																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
								Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	1R1 100	MECH Inspections	10	0	100%	05/Mar/20 A	18/Mar/20 A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												



DETAIL SCHEDULE

Project Controls SCHEDULE

Appendix

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
	2DEM 230	Mobilize Phase 2 - End of School 2020/Central & SE Wings Vacated	0	0	100%	01/Jun/20 A																							
	2DEM 240	Cut,Cap, Make-Safe/Selective Demolition	1	0	100%	01/Jun/20 A																							
	2DEM 250	Set Up Containment	2	0	100%	01/Jun/20 A																							
	2DEM 210	Conduct Abatement/Air Clearance/Break down Containment	5	0	100%	03/Jun/20 A																							
	2DEM 220	Demolish and Remove Building & Foundation - Backfill. Rough Grade	15	8	46.67%	10/Jun/20 A																							
	2DEM 260	Install temporary Structural Supports	2	2	20%	29/Jun/20 A																							
Phase 2 Submittals		532	263		10/Jun/19 A	13/Jul/21																							
042613 - Phase 2 CMU (Stair & Elevator Shaft)		135	87		03/Sep/19 A	30/Oct/20																							
	SM04 1090	Prepare and Submit Package CMU	20	0	100%	03/Sep/19 A																							
	SM04 1100	Review and Approve Package CMU	20	0	100%	30/Sep/19 A																							
	SM04 1110	Fabricate and Deliver CMU and Reinforcement	30	87	0%	31/Jan/20 A																							
051200 - Phase 2 (Area B&C) Anchor Bolts		298	29		28/Oct/19 A	10/Aug/20																							
	SM 5 1420	Prepare and Submit Package Anchor Bolts	9	0	100%	28/Oct/19 A																							
	SM 5 1430	Review and Approve Package Anchor Bolts	15	0	100%	31/Mar/20 A																							
	SM 5 1440	Fabricate and Deliver Structural Anchor Bolts	78	29	62.82%	21/Apr/20 A																							
033000 Phase 2 - Cast-In-Place Concrete		45	23		01/Jan/20 A	31/Jul/20																							
	SM 3 1030	Prepare and Submit Concrete Package	15	0	100%	01/Jan/20 A																							
	SM 3 1040	Review and Approve Concrete Package	15	0	100%	10/Jan/20 A																							
	SM 3 1050	Fabricate & Deliver Concrete Phase 2	15	23	0%	31/Jan/20 A																							
051200 - Phase 2 (Area B&C) Structural Steel Framing		98	45		10/Jun/19 A	01/Sep/20																							
	SM 5 1450	Prepare and Submit Package Structural Steel	30	0	100%	10/Jun/19 A																							
	SM 5 1460	Review and Approve Package Structural Steel	24	0	100%	01/Aug/19 A																							
	SM 5 1470	Fabricate and Deliver Structural Steel Framing	35	45	0%	09/Sep/19 A																							
053100 - Phase 2 (Area B&C) Steel Decking		110	65		13/Jun/19 A	30/Sep/20																							
	SM 5 1480	Prepare and Submit Package Steel Decking	20	0	100%	13/Jun/19 A																							
	SM 5 1490	Review and Approve Package Steel Decking	20	0	100%	12/Aug/19 A																							
	SM 5 1500	Fabricate and Deliver Steel Decking	49	65	0%	10/Sep/19 A																							
055000 - Phase 2 (Area B&C) Metal Fabrications		240	65		22/Oct/19 A	30/Sep/20																							
	SM 5 1510	Prepare and Submit Package Metal Fabs	20	20	0%	22/Oct/19 A																							
	SM 5 1520	Review and Approve Package Metal Fabs	20	20	0%	29/Jul/20																							
	SM 5 1530	Fabricate and Deliver Metal Fabrications	25	25	0%	26/Aug/20																							
055113 - Phase 2 Metal Pan Stairs		231	50		14/Oct/19 A	09/Sep/20																							
	SM 5 1370	Prepare and Submit Package Metal Stairs & Railings	20	10	50%	14/Oct/19 A																							
	SM 5 1400	Field Meassure Floor Heights	3	3	0%	30/Jun/20																							
	SM 5 1410	Fabricate Field Measured Items and Deliver Metal Stairs & Railings	10	10	0%	06/Jul/20																							
	SM 5 1380	Review and Approve Package Metal Stairs & Railings	25	25	0%	15/Jul/20																							
	SM 5 1390	Fabricate Stock Sized Items and Deliver	15	15	0%	19/Aug/20																							
061533 - Wood Patio Decking		169	169		30/Jun/20	01/Mar/21																							
	SM 6 1220	Prepare and Submit Package Wood Patio Decking	7	7	0%	30/Jun/20																							
	SM 6 1230	Review and Approve Package Wood Patio Decking	40	40	0%	10/Jul/20																							
	SM 6 1240	Fabricate and Deliver Wood Patio Decking	122	122	0%	04/Sep/20																							
061850 - Glue Laminated Timber Beams Phase 2		228	228		19/Aug/20	13/Jul/21																							
	SM 6 1030	Prepare and Submit Package Glue Laminated Timber Beams	178	178	0%	19/Aug/20																							
	SM 6 1100	Review and Approve Package Glue Laminated Timber Beams	20	20	0%	03/May/21																							
	SM 6 1120	Fabricate and Deliver Glue Laminated Timber Beams	30	30	0%	01/Jun/21																							
064023 - Phase 2 Interior Woodwork		342	158		09/Oct/19 A	12/Feb/21																							
	SM 6 1280	Prepare and Submit Package Arch Woodwork	15	15	0%	09/Oct/19 A																							
	SM 6 1290	Review and Approve Package Arch Woodwork	15	15	0%	22/Jul/20																							
	SM 6 1340	Release Materials for Delivery to Shop	20	20	0%	12/Aug/20																							
	SM 6 1310	Field Measure 1st Floor Arch Woodwork	3	3	0%	10/Sep/20																							
	SM 6 1330	Fabricate and Deliver Arch Woodwork 1st Floor	20	20	0%	15/Sep/20																							

Start Date: 08/Feb/18  
Finish Date: 26/Jan/22  
Data Date: 30/Jun/20  
Print Date: 02/Jul/20  
Layout: Owner

- Summary

Actual Work

Remaining Work

Remaining Level of Effort
- Critical Remaining Work

Actual Milestone

Milestone

Critical Milestone

Manchester Memorial Elementary School

Note: The projections are based upon activity earning type and performance to-date on in-progress activities. Every precaution has been taken to ensure this report is accurate and up-to-date. No liability is assumed for errors or omissions. Rounding errors may exist.

W.T. Rich Company, Inc.

DETAIL SCHEDULE

Project Controls SCHEDULE

Appendix

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
	SM 6 1300	Field Measure 2nd Floor Arch Woodwork	3	3	0%	13/Jan/21	15/Jan/21																						
	SM 6 1320	Fabricate and Deliver Arch Woodwork 2nd Floor	20	20	0%	18/Jan/21	12/Feb/21																						
	066400 - Plastic Paneling		187	187		08/Jul/20	01/Apr/21																						
	SM 6 1250	Prepare and Submit Package FRP Paneling	20	20	0%	08/Jul/20	04/Aug/20																						
	SM 6 1260	Review and Approve Package FRP Paneling	20	20	0%	05/Aug/20	01/Sep/20																						
	SM 6 1270	Fabricate and Deliver FRP Paneling Phase 2	147	147	0%	02/Sep/20	01/Apr/21																						
	074213- Formed PVC Roof Screens		75	1		17/Mar/20 A	30/Jun/20																						
	SM 7 1100	Prepare and Submit Package PVC Roof Screens	10	0	100%	17/Mar/20 A	30/Mar/20 A																						
	SM 7 1310	Review and Approve Package PVC Roof Screens	15	0	100%	31/Mar/20 A	20/Apr/20 A																						
	SM 7 1490	Fabricate and Deliver PVC Roof Screens Phase 2	50	1	98%	21/Apr/20 A	30/Jun/20																						
	079500 - Expansion Control		40	40		30/Jun/20	25/Aug/20																						
	SM 7 1710	Prepare and Submit Package Expansion Control	10	10	0%	30/Jun/20	14/Jul/20																						
	SM 7 1720	Review and Approve Package Expansion Control	15	15	0%	15/Jul/20	04/Aug/20																						
	SM 7 1730	Fabricate and Deliver Expansion Control Phase 2	15	15	0%	05/Aug/20	25/Aug/20																						
	083323 - Coiling Doors		208	208		08/Jul/20	30/Apr/21																						
	SM8 1000	Prepare and Submit Package Overhead Coiling Doors	20	20	0%	08/Jul/20	04/Aug/20																						
	SM8 1010	Review and Approve Package Overhead Coiling Doors	15	15	0%	05/Aug/20	25/Aug/20																						
	SM8 1020	Fabricate and Deliver Coiling Doors Phase 2	173	173	0%	26/Aug/20	30/Apr/21																						
	084113 Phase 2 Storefront Windows		114	128		03/Sep/19 A	31/Dec/20																						
	SM 8 1390	Prepare and Submit Package Storefront Windows	25	0	100%	03/Sep/19 A	18/Sep/19 A																						
	SM 8 1400	Review and Approve Package Storefront Windows	25	0	100%	19/Sep/19 A	02/Oct/19 A																						
	SM 8 1410	Fabricate and Deliver Storefront Windows Frames	80	128	0%	21/Oct/19 A	31/Dec/20																						
	084413 Phase 2 Glazed Aluminum Curtain Walls		379	169		15/Aug/19 A	01/Mar/21																						
	SM 8 1420	Prepare and Submit Aluminum Curtain Wall Package	25	0	100%	15/Aug/19 A	25/Sep/19 A																						
	SM 8 1430	Review and Approve Curtain Wall Package	20	0	100%	08/Oct/19 A	07/Jan/20 A																						
	SM 8 1440	Fabricate and Deliver Curtain Wall	291	169	41.92%	08/Jan/20 A	01/Mar/21																						
	084113 Phase 2 Interior Storefront		168	168		30/Jun/20	26/Feb/21																						
	SM 8 1360	Prepare and Submit Package Interior Storefronts	25	25	0%	30/Jun/20*	04/Aug/20																						
	SM 8 1370	Review and Approve Package Interior Storefronts	25	25	0%	05/Aug/20	09/Sep/20																						
	SM 8 1380	Fabricate and Deliver Interior Storefront Frames Phase 2	118	118	0%	10/Sep/20	26/Feb/21																						
	088113 Decorative Glass Glazing		131	210		22/Oct/19 A	27/Apr/21																						
	SM8 1060	Prepare and Submit Package Interior Glazing	25	0	100%	22/Oct/19 A	06/Feb/20 A																						
	SM8 1070	Review and Approve Package Interior Glazing	15	0	100%	03/Feb/20 A	24/Feb/20 A																						
	SM8 1080	Fabricate and Deliver Decorative Glazing	45	210	0%	25/Feb/20 A	27/Apr/21																						
	088700 Window Film		121	192		22/Oct/19 A	01/Apr/21																						
	SM 8 1050	Prepare and Submit Package Exterior Glazing	25	0	100%	22/Oct/19 A	05/Dec/19 A																						
	SM 8 1150	Review and Approve Package Exterior Glazing	25	0	100%	06/Dec/19 A	07/Feb/20 A																						
	SM 8 1260	Fabricate and Deliver Window Film	45	192	0%	10/Feb/20 A	01/Apr/21																						
	096466 Wood Athletic Flooring		321	194		31/Dec/19 A	05/Apr/21																						
	SM9 1060	Prepare and Submit Wood Athletic Floor Package	20	0	100%	31/Dec/19 A	28/Jan/20 A																						
	SM9 1070	Review and Approve Wood Athletic Floor Package	25	25	0%	28/Jan/20 A	04/Aug/20																						
	SM9 1080	Fabricate and Deliver Wood Athletic Floor Phase 2	169	169	0%	05/Aug/20	05/Apr/21																						
	096566 Resilient Athletic Flooring		363	188		22/Oct/19 A	26/Mar/21																						
	SM9 1120	Prepare and Submit Resilient Athletic Floor Package	25	25	0%	22/Oct/19 A	04/Aug/20																						
	SM9 1130	Review and Approve Resilient Athletic Package	25	25	0%	05/Aug/20	09/Sep/20																						
	SM9 1140	Fabricate and Deliver Resilient Athletic Phase 2	138	138	0%	10/Sep/20	26/Mar/21																						
	097200 Wall Coverings		315	222		19/Feb/20 A	13/May/21																						
	SM 9 1450	Prepare and Submit Package Wall Coverings	1	0	100%	19/Feb/20 A	19/Feb/20 A																						
	SM 9 1460	Review and Approve Package Wall Coverings	15	10	33.33%	20/Feb/20 A	14/Jul/20																						
	SM 9 1470	Fabricate and Deliver Wall Coverings Phase 2	212	212	0%	15/Jul/20	13/May/21																						
	098433 Sound Absorbing Wall Units		182	182		30/Jun/20	18/Mar/21																						

Start Date: 08/Feb/18  
Finish Date: 26/Jan/22  
Data Date: 30/Jun/20  
Print Date: 02/Jul/20  
Layout: Owner

- Summary

Actual Work

Remaining Work

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

Manchester Memorial Elementary School

Note: The projections are based upon activity earning type and performance to-date on in-progress activities. Every precaution has been taken to ensure this report is accurate and up-to-date. No liability is assumed for errors or omissions. Rounding errors may exist.

W.T. Rich Company, Inc.

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023					
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
SM9 1090	Prepare and Submit Package Sound Absorbing Panels	20	20	0%	30/Jun/20	28/Jul/20											<div><div></div> Prepare and Submit Package Sound Absorbing Panels</div>														
	Review and Approve Package Sound Absorbing Panels	15	15	0%	29/Jul/20	18/Aug/20											<div><div></div> Review and Approve Package Sound Absorbing Panels</div>														
	SM9 1110	Fabricate and Deliver Sound Absorbing Panels Phase 2	147	147	0%	19/Aug/20	18/Mar/21											<div><div></div> Fabricate and Deliver Sound Absorbing Panels Phase 2</div>													
098436 Sound Absorbing Ceiling Units		182	182		30/Jun/20	18/Mar/21																									
SM9 1150	Prepare and Submit Package Sound Absorbing Panels	20	20	0%	30/Jun/20	28/Jul/20											<div><div></div> Prepare and Submit Package Sound Absorbing Panels</div>														
	Review and Approve Package Sound Absorbing Panels	15	15	0%	29/Jul/20	18/Aug/20											<div><div></div> Review and Approve Package Sound Absorbing Panels</div>														
	SM9 1170	Fabricate and Deliver Sound Absorbing Panels Phase 2	147	147	0%	19/Aug/20	18/Mar/21											<div><div></div> Fabricate and Deliver Sound Absorbing Panels Phase 2</div>													
101453 Traffic Signage		70	70		30/Jun/20	07/Oct/20																									
SM10 1000	Prepare and Submit Package Traffic Signage	10	10	0%	30/Jun/20	14/Jul/20											<div><div></div> Prepare and Submit Package Traffic Signage</div>														
	Review and Approve Package Traffic Signage	10	10	0%	15/Jul/20	28/Jul/20											<div><div></div> Review and Approve Package Traffic Signage</div>														
	SM10 1020	Fabricate and Deliver Traffic Signage Phase 3	50	50	0%	29/Jul/20	07/Oct/20											<div><div></div> Fabricate and Deliver Traffic Signage Phase 3</div>													
102123 Cubicles		71	203		31/Dec/19 A	16/Apr/21																									
SM10 1030	Prepare and Submit Package Cubicle Curtains	25	0	100%	31/Dec/19 A	05/Feb/20 A											<div><div></div> Prepare and Submit Package Cubicle Curtains</div>														
	Review and Approve Package Cubicle Curtains	15	0	100%	06/Feb/20 A	27/Feb/20 A											<div><div></div> Review and Approve Package Cubicle Curtains</div>														
	SM10 1050	Fabricate and Deliver Cubicle Curtains	20	203	0%	27/Feb/20 A	16/Apr/21											<div><div></div> Fabricate and Deliver Cubicle Curtains</div>													
102239 Folding Panel Partitions		281	53		31/Dec/19 A	08/Feb/21																									
SM10 1090	Prepare and Submit Package Folding Panel Partitions	25	0	100%	31/Dec/19 A	05/Feb/20 A											<div><div></div> Prepare and Submit Package Folding Panel Partitions</div>														
	Review and Approve Package Folding Panel Partitions	5	0	100%	03/Feb/20 A	07/Feb/20 A											<div><div></div> Review and Approve Package Folding Panel Partitions</div>														
	SM10 1120	Field Measure for Folding Panel Partition Phase 2	3	3	0%	20/Nov/20	24/Nov/20											<div><div></div> Field Measure for Folding Panel Partition Phase 2</div>													
	SM10 1110	Fabricate and Deliver Folding Panel Partitions	50	50	0%	25/Nov/20	08/Feb/21											<div><div></div> Fabricate and Deliver Folding Panel Partitions</div>													
105113 Lockers		101	209		31/Dec/19 A	26/Apr/21																									
SM 10 170	Prepare and Submit Package Lockers	15	0	100%	31/Dec/19 A	05/Feb/20 A											<div><div></div> Prepare and Submit Package Lockers</div>														
	Review and Approve Package Lockers	15	0	100%	06/Feb/20 A	27/Feb/20 A											<div><div></div> Review and Approve Package Lockers</div>														
	SM 10 260	Fabricate and Deliver Metal Lockers Phase 2	60	209	0%	28/Feb/20 A	26/Apr/21											<div><div></div> Fabricate and Deliver Metal Lockers Phase 2</div>													
114000 - Food Service Equipment		269	209		02/Apr/20 A	26/Apr/21																									
SM11 1000	Prepare and Submit Package Food Service Equipment	25	0	100%	02/Apr/20 A	03/Apr/20 A											<div><div></div> Prepare and Submit Package Food Service Equipment</div>														
	Review and Approve Package Food Service Equipment	25	0	100%	06/Apr/20 A	12/Jun/20 A											<div><div></div> Review and Approve Package Food Service Equipment</div>														
	SM11 1020	Fabricate and Deliver Food Service Equipment Phase 2	220	209	5%	15/Jun/20 A	26/Apr/21											<div><div></div> Fabricate and Deliver Food Service Equipment Phase 2</div>													
115213 Projection Screens		341	214		31/Dec/19 A	03/May/21																									
SM 11 100	Prepare and Submit Package Proj Screens	25	3	88%	31/Dec/19 A	02/Jul/20											<div><div></div> Prepare and Submit Package Proj Screens</div>														
	Review and Approve Package Proj Screens	25	25	0%	06/Jul/20	07/Aug/20											<div><div></div> Review and Approve Package Proj Screens</div>														
	SM 11 120	Fabricate and Deliver Projection Screens Phase 2	186	186	0%	10/Aug/20	03/May/21											<div><div></div> Fabricate and Deliver Projection Screens Phase 2</div>													
115700 - Misc Equipment		147	40		31/Dec/19 A	25/Aug/20																									
SM11 1060	Prepare and Submit Package Misc Equipment	15	0	100%	31/Dec/19 A	04/Feb/20 A											<div><div></div> Prepare and Submit Package Misc Equipment</div>														
	Review and Approve Package Misc Equipment	16	0	100%	05/Feb/20 A	01/Jun/20 A											<div><div></div> Review and Approve Package Misc Equipment</div>														
	SM11 1080	Fabricate and Deliver Misc Phase 2	40	40	0%	02/Jun/20 A	25/Aug/20											<div><div></div> Fabricate and Deliver Misc Phase 2</div>													
116143 - Platform Curtains		187	187		08/Jul/20	01/Apr/21																									
SM11 1090	Prepare and Submit Package Platform Curtains	25	25	0%	08/Jul/20	11/Aug/20											<div><div></div> Prepare and Submit Package Platform Curtains</div>														
	Review and Approve Package Platform Curtains	25	25	0%	12/Aug/20	16/Sep/20											<div><div></div> Review and Approve Package Platform Curtains</div>														
	SM11 1110	Fabricate and Deliver Platform Curtains Phase 2	137	137	0%	17/Sep/20	01/Apr/21											<div><div></div> Fabricate and Deliver Platform Curtains Phase 2</div>													
116310 - Scoring Equipment		129	129		08/Jul/20	11/Jan/21																									
SM11 1120	Prepare and Submit Package Scoreboard Equipment	25	25	0%	08/Jul/20	11/Aug/20											<div><div></div> Prepare and Submit Package Scoreboard Equipment</div>														
	Review and Approve Package Scoreboard Equipment	25	25	0%	12/Aug/20	16/Sep/20											<div><div></div> Review and Approve Package Scoreboard Equipment</div>														
	SM11 1140	Fabricate and Deliver Scoreboard Equipment - Phase 2	79	79	0%	17/Sep/20	11/Jan/21											<div><div></div> Fabricate and Deliver Scoreboard Equipment - Phase 2</div>													
116623 - Gymnasium Equipment		188	188		08/Jul/20	02/Apr/21																									
SM11 1150	Prepare and Submit Package Gym Equipment	25	25	0%	08/Jul/20	11/Aug/20											<div><div></div> Prepare and Submit Package Gym Equipment</div>														
	Review and Approve Package Gym Equipment	25	25	0%	12/Aug/20	16/Sep/20											<div><div></div> Review and Approve Package Gym Equipment</div>														
	SM11 1170	Fabricate and Deliver Gym Equipment	138	138	0%	17/Sep/20	02/Apr/21											<div><div></div> Fabricate and Deliver Gym Equipment</div>													
116653 - Gymnasium Dividers		187	187		08/Jul/20	01/Apr/21																									
SM11 1180	Prepare and Submit Package Gym Dividers	25	25	0%	08/Jul/20	11/Aug/20											<div><div></div> Prepare and Submit Package Gym Dividers</div>														
	Review and Approve Package Gym Dividers	25	25	0%	12/Aug/20	16/Sep/20											<div><div></div> Review and Approve Package Gym Dividers</div>														



Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
321613.43 Granite Curbs	SM 32 330	Prepare and Submit Package - Stone Dust Surfacing	10	10	0%	30/Jun/20	14/Jul/20																						
	SM 32 340	Review and Approve Package - Stone Dust Surfacing	5	5	0%	15/Jul/20	21/Jul/20																						
	SM 32 350	Fabricate & Deliver Stone Dust Surfacing	5	5	0%	22/Jul/20	28/Jul/20																						
	321613.43 Granite Curbs		110	25		02/Mar/20 A	04/Aug/20																						
	SM 32 540	Prepare and Submit Package - Granite Curbs	10	0	100%	02/Mar/20 A	13/Mar/20 A																						
	SM 32 550	Review and Approve Package - Granite Curbs	15	15	0%	16/Mar/20 A	21/Jul/20																						
	SM 32 560	Fabricate & Deliver Granite Curbs	10	10	0%	22/Jul/20	04/Aug/20																						
	321713 Pavement Marking		35	35		30/Jun/20	18/Aug/20																						
	SM 32 450	Prepare and Submit Package - Pavement Markings	10	10	0%	30/Jun/20	14/Jul/20																						
	SM 32 460	Review and Approve Package - Pavement Markings	15	15	0%	15/Jul/20	04/Aug/20																						
	SM 32 470	Fabricate & Deliver Pavement Markings	10	10	0%	05/Aug/20	18/Aug/20																						
	321723.13 Painted Pavement Markings		35	35		30/Jun/20	18/Aug/20																						
	SM 32 390	Prepare and Submit Package - Painted Pavement Markings	10	10	0%	30/Jun/20	14/Jul/20																						
	SM 32 400	Review and Approve Package - Painted Pavement Markings	15	15	0%	15/Jul/20	04/Aug/20																						
	SM 32 410	Fabricate & Deliver Painted Pavement Markings	10	10	0%	05/Aug/20	18/Aug/20																						
	321726 Tactile Warning Surfacing		35	35		30/Jun/20	18/Aug/20																						
	SM 32 360	Prepare and Submit Package - Tactile Warning Surfacing	10	10	0%	30/Jun/20	14/Jul/20																						
	SM 32 370	Review and Approve Package - Tactile Warning Surfacing	15	15	0%	15/Jul/20	04/Aug/20																						
	SM 32 380	Fabricate & Deliver Tactile Warning Surfacing	10	10	0%	05/Aug/20	18/Aug/20																						
	321816 Playground Protective Surfacing		55	55		08/Jul/20	23/Sep/20																						
	SM 232130	Prepare and Submit Package Playground Protective Surfacing	20	20	0%	08/Jul/20	04/Aug/20																						
	SM 232140	Review and Approve Package Playground Protective Surfacing	35	35	0%	05/Aug/20	23/Sep/20																						
	321823 Court Surfacing		50	50		08/Jul/20	16/Sep/20																						
	SM 232150	Prepare and Submit Package Court Surfacing	20	20	0%	08/Jul/20	04/Aug/20																						
	SM 232160	Review and Approve Package Court Surfacing	30	30	0%	05/Aug/20	16/Sep/20																						
	323100 Chain Link Fence & Gates		65	65		08/Jul/20	07/Oct/20																						
	SM 32 110	Prepare and Submit Package Fence	20	20	0%	08/Jul/20	04/Aug/20																						
	SM 32 210	Review and Approve Package Fence	15	15	0%	05/Aug/20	25/Aug/20																						
	SM 32 290	Fabricate & Deliver Fencing	30	30	0%	26/Aug/20	07/Oct/20																						
	323129 Wood Fences & Gates		191	191		08/Jul/20	07/Apr/21																						
	SM 32 480	Prepare and Submit Package Fence	20	20	0%	08/Jul/20	04/Aug/20																						
	SM 32 490	Review and Approve Package Fence	15	15	0%	05/Aug/20	25/Aug/20																						
	SM 32 500	Fabricate & Deliver Fencing	156	156	0%	26/Aug/20	07/Apr/21																						
	324510 Guardrails		191	191		08/Jul/20	07/Apr/21																						
	SM 32 510	Prepare and Submit Package Guardrails	20	20	0%	08/Jul/20	04/Aug/20																						
	SM 32 520	Review and Approve Package Guardrails	15	15	0%	05/Aug/20	25/Aug/20																						
	SM 32 530	Fabricate & Deliver Guardrails	156	156	0%	26/Aug/20	07/Apr/21																						
	329200 Turfs & grasses		183	183		08/Jul/20	26/Mar/21																						
	SM 232110	Prepare and Submit Package Turfs & Grasses	20	20	0%	08/Jul/20	04/Aug/20																						
	SM 232120	Review and Approve Package Turfs & Grasses	163	163	0%	05/Aug/20	26/Mar/21																						
	329300 Plants		194	194		08/Jul/20	12/Apr/21																						
	SM 232170	Prepare and Submit Package Plants	15	15	0%	08/Jul/20	28/Jul/20																						
	SM 232180	Review and Approve Package Plants	25	25	0%	29/Jul/20	01/Sep/20																						
	SM 232190	Select and Deliver Plantings	154	154	0%	02/Sep/20	12/Apr/21																						
	Superstructure C		94	94		13/Jul/20	20/Nov/20																						
SSC100	Grade Site for Ground Improvements	5	5	0%	13/Jul/20	17/Jul/20																							
SSC110	Install Ground Improvements	10	10	0%	20/Jul/20	31/Jul/20																							
SSC120	Ready for Foundations	0	0	0%	03/Aug/20																								
SSC130	Excavate for Foundations	30	30	0%	03/Aug/20	14/Sep/20																							
SSC140	Form & Place Footings - Tie in to A bldg North	10	10	0%	10/Aug/20	21/Aug/20																							
SSC160	Backfill Foundations	30	30	0%	13/Aug/20	24/Sep/20																							

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
SSC150	Form & Place Foundation Walls, Piers, Pillasters A North	15	15	0%	18/Aug/20	08/Sep/20											Form & Place Foundation Walls, Piers, Pillasters A North												
	SSC260	Form and Place Footings East & South	10	10	0%	24/Aug/20											04/Sep/20	Form and Place Footings East & South											
	SSC250	Form and Place ISO Footings	13	13	0%	25/Aug/20											11/Sep/20	Form and Place ISO Footings											
	SSC170	Form & Place Elevator Pit	5	5	0%	01/Sep/20											08/Sep/20	Form & Place Elevator Pit											
	SSC270	Form & Place Foundation Walls, Piers, Pillasters S&E	15	15	0%	01/Sep/20											22/Sep/20	Form & Place Foundation Walls, Piers, Pillasters S&E											
	SSC180	Damproof Foundations	5	5	0%	09/Sep/20											15/Sep/20	Damproof Foundations											
	SSC190	Waterproof Elevator Pit	5	5	0%	09/Sep/20											15/Sep/20	Waterproof Elevator Pit											
	SSC210	Foundations ready for CMU & Steel	0	0	0%	25/Sep/20												Foundations ready for CMU & Steel											
	SSC200	Erect Structural Steel	15	15	0%	09/Oct/20											29/Oct/20	Erect Structural Steel											
	SSC220	Install Steel Decking & Detailing	15	15	0%	16/Oct/20											05/Nov/20	Install Steel Decking & Detailing											
	SSC230	Install CMU Stair Shaft #3	15	15	0%	02/Nov/20											20/Nov/20	Install CMU Stair Shaft #3											
	SSC240	Structural Steel Complete C	0	0	0%												05/Nov/20	Structural Steel Complete C											
	Slabs C		78	78		18/Sep/20											11/Jan/21												
	SLC120	Install Underslab MEPs & Inspect	15	15	0%	18/Sep/20											08/Oct/20	Install Underslab MEPs & Inspect											
	SLC100	Enclose Building for Winter Concrete	5	5	0%	30/Oct/20											05/Nov/20	Enclose Building for Winter Concrete											
	SLC110	Prep & Place Slab on Deck	6	6	0%	05/Nov/20											12/Nov/20	Prep & Place Slab on Deck											
	SLC130	Prep & Place Slab on Grade	8	8	0%	13/Nov/20											24/Nov/20	Prep & Place Slab on Grade											
	SLC140	Install Stairways	30	30	0%	25/Nov/20											11/Jan/21	Install Stairways											
	Superstructure B		78	78		03/Aug/20											19/Nov/20												
	SSB120	Ready for Foundations	0	0	0%	03/Aug/20												Ready for Foundations											
	SSB130	Excavate for Foundations	30	30	0%	03/Aug/20											14/Sep/20	Excavate for Foundations											
	SSB140	Form & Place Footings - Tie into A bldg South	10	10	0%	10/Aug/20											21/Aug/20	Form & Place Footings - Tie into A bldg South											
	SSB160	Form & Place Foundation Walls, Piers, Pillasters A South	15	15	0%	17/Aug/20											04/Sep/20	Form & Place Foundation Walls, Piers, Pillasters A South											
	SSB170	Form and Place Footings East & South	10	10	0%	24/Aug/20											04/Sep/20	Form and Place Footings East & South											
SSB190	Form & Place Elevator Pit	5	5	0%	31/Aug/20	04/Sep/20	Form & Place Elevator Pit																						
SSB180	Form and Place ISO Footings	13	13	0%	31/Aug/20	17/Sep/20	Form and Place ISO Footings																						
SSB200	Form & Place Foundation Walls, Piers, Pillasters E&S	18	18	0%	01/Sep/20	25/Sep/20	Form & Place Foundation Walls, Piers, Pillasters E&S																						
SSB150	Backfill Foundations	20	20	0%	04/Sep/20	02/Oct/20	Backfill Foundations																						
SSB210	Damproof Foundations	5	5	0%	08/Sep/20	14/Sep/20	Damproof Foundations																						
SSB220	Waterproof Elevator Pit	5	5	0%	08/Sep/20	14/Sep/20	Waterproof Elevator Pit																						
SSB230	Foundations ready for CMU & Steel	0	0	0%	05/Oct/20		Foundations ready for CMU & Steel																						
SSB240	Erect Structural Steel	15	15	0%	16/Oct/20	05/Nov/20	Erect Structural Steel																						
SSB250	Install Steel Decking & Detailing	20	20	0%	23/Oct/20	19/Nov/20	Install Steel Decking & Detailing																						
SSB260	Structural Steel Complete B	0	0	0%		19/Nov/20	Structural Steel Complete B																						
Slabs B		68	68		02/Oct/20	11/Jan/21																							
SSB300	Install Underslab MEPs & Inspect	15	15	0%	02/Oct/20	22/Oct/20	Install Underslab MEPs & Inspect																						
SSB310	Prep & Place Slab on Grade	5	5	0%	18/Nov/20	24/Nov/20	Prep & Place Slab on Grade																						
SSB320	Install Stairways	30	30	0%	25/Nov/20	11/Jan/21	Install Stairways																						
Stairs		50	50		06/Nov/20	20/Jan/21																							
STA100	Install Temporary Exterior Stair	10	10	0%	06/Nov/20	19/Nov/20	Install Temporary Exterior Stair																						
STA110	Install CMU Shaft Stair #3	10	10	0%	20/Nov/20	07/Dec/20	Install CMU Shaft Stair #3																						
STA150	Erect Hub Stair #2	5	5	0%	04/Dec/20	10/Dec/20	Erect Hub Stair #2																						
STA160	Erect LGM Framing Stair #2	5	5	0%	11/Dec/20	17/Dec/20	Erect LGM Framing Stair #2																						
STA120	Install Metal Pan Stair #3	10	10	0%	15/Dec/20	29/Dec/20	Install Metal Pan Stair #3																						
STA170	Prep & Place Lightweight Slab Stair #2	5	5	0%	18/Dec/20	24/Dec/20	Prep & Place Lightweight Slab Stair #2																						
STA130	Place Concrete & Cure Stair #2 & 3	5	5	0%	30/Dec/20	06/Jan/21	Place Concrete & Cure Stair #2 & 3																						
STA140	Install Handrails at Stairs	10	10	0%	07/Jan/21	20/Jan/21	Install Handrails at Stairs																						
Roofing & Roof Mounted Items C		105	105		30/Oct/20	31/Mar/21																							
ROOC100	Roof Blocking/Roof Drains/Mechanical Curbs	5	5	0%	30/Oct/20	05/Nov/20	Roof Blocking/Roof Drains/Mechanical Curbs																						
ROOC110	Install Roofing System	25	25	0%	02/Nov/20	08/Dec/20	Install Roofing System																						
ROOC120	Install HVAC Roof Top Units	10	10	0%	09/Dec/20	22/Dec/20	Install HVAC Roof Top Units																						

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
1	ROOC130	Install Kitchen / Roof Exhaust Fans	10	10	0%	09/Dec/20	22/Dec/20											█ Install Kitchen / Roof Exhaust Fans											
	ROOC150	Install Edge Metal & Sheet Metal Flashing	10	10	0%	04/Mar/21	17/Mar/21											█ Install Edge Metal & Sheet Metal Flashing											
	ROOC160	Install Roof Screens	10	10	0%	18/Mar/21	31/Mar/21											█ Install Roof Screens											
	Envelope C		95	95		13/Nov/20	31/Mar/21											██████████											
	EXTC100	Install Exterior Framing & Sheathing	20	20	0%	13/Nov/20	14/Dec/20											█ Install Exterior Framing & Sheathing											
	EXTC120	Install Air Vapor Barrier	15	15	0%	01/Dec/20	21/Dec/20											█ Install Air Vapor Barrier											
	EXTC110	Install Temporary Weather Protection (for rough in)	10	10	0%	01/Dec/20	15/Dec/20											█ Install Temporary Weather Protection (for rough in)											
	EXTC130	Install Masonry Finishes	20	20	0%	22/Dec/20	20/Jan/21											█ Install Masonry Finishes											
	EXTC140	Install Soffit Z Girts, Insulation & Soffit Panels	30	30	0%	21/Jan/21	03/Mar/21											█ Install Soffit Z Girts, Insulation & Soffit Panels											
	EXTC160	Install Windows, Curtainwalls	25	25	0%	21/Jan/21	24/Feb/21											█ Install Windows, Curtainwalls											
	EXTC150	Install Storefronts	20	20	0%	04/Mar/21	31/Mar/21											█ Install Storefronts											
	Roofing & Roof Mounted Items B		100	100		06/Nov/20	31/Mar/21											██████████											
	ROOB100	Roof Blocking/Roof Drains/Mechanical Curbs	10	10	0%	06/Nov/20	19/Nov/20											█ Roof Blocking/Roof Drains/Mechanical Curbs											
	ROOB110	Install Roofing System	20	20	0%	20/Nov/20	21/Dec/20											█ Install Roofing System											
	ROOB130	Install Kitchen / Roof Exhaust Fans	10	10	0%	22/Dec/20	06/Jan/21											█ Install Kitchen / Roof Exhaust Fans											
	ROOB120	Install HVAC Roof Top Units	10	10	0%	07/Jan/21	20/Jan/21											█ Install HVAC Roof Top Units											
	ROOB150	Install Edge Metal & Sheet Metal Flashing	10	10	0%	04/Mar/21	17/Mar/21											█ Install Edge Metal & Sheet Metal Flashing											
	ROOB160	Install Roof Screens	10	10	0%	18/Mar/21	31/Mar/21											█ Install Roof Screens											
	Envelope B		85	85		01/Dec/20	31/Mar/21											██████████											
	EXTB100	Install Exterior Framing & Sheathing	20	20	0%	01/Dec/20	29/Dec/20											█ Install Exterior Framing & Sheathing											
	EXTB120	Install Air Vapor Barrier	15	15	0%	15/Dec/20	06/Jan/21											█ Install Air Vapor Barrier											
	EXTB110	Install Temporary Weather Protection (for rough in)	10	10	0%	15/Dec/20	30/Dec/20											█ Install Temporary Weather Protection (for rough in)											
	EXTB130	Install Masonry Finishes	25	25	0%	07/Jan/21	10/Feb/21											█ Install Masonry Finishes											
	EXTB160	Install Soffit Z Girts, Insulation & Soffit Panels	30	30	0%	21/Jan/21	03/Mar/21											█ Install Soffit Z Girts, Insulation & Soffit Panels											
	EXTB140	Install Windows, Curtainwalls	20	20	0%	11/Feb/21	10/Mar/21											█ Install Windows, Curtainwalls											
	EXTB150	Install Storefronts	10	10	0%	18/Mar/21	31/Mar/21											█ Install Storefronts											
	Rough In		68	68		15/Dec/20	22/Mar/21											██████████											
	Area C		56	56		15/Dec/20	04/Mar/21											██████████											
	2nd Floor Rough In - Library, Bridge		41	41		15/Dec/20	11/Feb/21											██████████											
	2R2 100	Start Rough In	0	0	0%	15/Dec/20												◆ Start Rough In											
	2R2 110	Rough-in HVAC Ductwork & Piping	8	8	0%	23/Dec/20	05/Jan/21											█ Rough-in HVAC Ductwork & Piping											
	2R2 120	Frame Interior Partitions	8	8	0%	31/Dec/20	12/Jan/21											█ Frame Interior Partitions											
	2R2 130	Rough-in Plumbing	5	5	0%	08/Jan/21	14/Jan/21											█ Rough-in Plumbing											
	2R2 140	Rough-in Electrical Poer, Lights	12	12	0%	08/Jan/21	25/Jan/21											█ Rough-in Electrical Poer, Lights											
	2R2 180	Rough-in Fire Alarm	12	12	0%	08/Jan/21	25/Jan/21											█ Rough-in Fire Alarm											
	2R2 190	Rough-in ATCs	12	12	0%	08/Jan/21	25/Jan/21											█ Rough-in ATCs											
	2R2 200	Rough-in Tele/data	12	12	0%	08/Jan/21	25/Jan/21											█ Rough-in Tele/data											
	2R2 150	Rough-in Fire Protection	8	8	0%	13/Jan/21	22/Jan/21											█ Rough-in Fire Protection											
	2R2 100	MEP Inspections	3	3	0%	25/Jan/21	27/Jan/21											█ MEP Inspections											
	2R2 110	MECH Insulation & Firestopping	5	5	0%	28/Jan/21	03/Feb/21											█ MECH Insulation & Firestopping											
2R2 120	MECH Insulation Inspection	1	1	0%	04/Feb/21	04/Feb/21	█ MECH Insulation Inspection																						
2R2 130	Building Insulation	5	5	0%	05/Feb/21	11/Feb/21	█ Building Insulation																						
2R2 140	Inwall Inspection	5	5	0%	05/Feb/21	11/Feb/21	█ Inwall Inspection																						
2R2 170	Complete Rough-in 2nd Floor Library	0	0	0%		11/Feb/21	◆ Complete Rough-in 2nd Floor Library																						
1st Floor Rough In - Admin & Pre-K		46	46		30/Dec/20	04/Mar/21	██████████																						
2R1 100	Start Rough In 1st Floor	0	0	0%	30/Dec/20		◆ Start Rough In 1st Floor																						
2R1 110	Rough-in HVAC Ductwork & Piping	20	20	0%	30/Dec/20	27/Jan/21	█ Rough-in HVAC Ductwork & Piping																						
2R1 120	Frame Interior Partitions	15	15	0%	14/Jan/21	03/Feb/21	█ Frame Interior Partitions																						
2R1 150	Rough-in Fire Protection	10	10	0%	21/Jan/21	03/Feb/21	█ Rough-in Fire Protection																						
2R1 130	Rough-in Plumbing	12	12	0%	28/Jan/21	12/Feb/21	█ Rough-in Plumbing																						
2R1 140	Rough-in Electrical Power, Lights	20	20	0%	28/Jan/21	24/Feb/21	█ Rough-in Electrical Power, Lights																						

Activity ID			Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023				
									Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
1	2R1	180	Rough-in Fire Alarm	20	20	0%	28/Jan/21	24/Feb/21													<div><div></div> Rough-in Fire Alarm</div>											
	2R1	190	Rough-in ATCs	20	20	0%	28/Jan/21	24/Feb/21													<div><div></div> Rough-in ATCs</div>											
	2R1	200	Rough-in Tele/data	20	20	0%	28/Jan/21	24/Feb/21													<div><div></div> Rough-in Tele/data</div>											
	2R1	100	MEP Inspections	3	3	0%	15/Feb/21	17/Feb/21													<div><div></div> MEP Inspections</div>											
	2R1	110	MECH Insulation & Firestopping	5	5	0%	18/Feb/21	24/Feb/21													<div><div></div> MECH Insulation &amp; Firestopping</div>											
	2R1	120	MECH Insulation Inspection	1	1	0%	25/Feb/21	25/Feb/21													<div><div></div> MECH Insulation Inspection</div>											
	2R1	130	Building Insulation	5	5	0%	26/Feb/21	04/Mar/21													<div><div></div> Building Insulation</div>											
	2R1	140	Inwall Inspection	5	5	0%	26/Feb/21	04/Mar/21													<div><div></div> Inwall Inspection</div>											
	2R1	170	Complete Rough-in 1st Floor	0	0	0%		04/Mar/21													<div><div></div> Complete Rough-in 1st Floor</div>											
	Area B			53	53		07/Jan/21	22/Mar/21													<div><div></div></div>											
	Gymnasium/Cafeteria/Stage			42	42		07/Jan/21	05/Mar/21													<div><div></div></div>											
	2RG	100	Start Rough In Gym/Caf	0	0	0%	07/Jan/21														<div><div></div> Start Rough In Gym/Caf</div>											
	2RG	110	Rough-in HVAC Ductwork & Piping	15	15	0%	07/Jan/21	27/Jan/21													<div><div></div> Rough-in HVAC Ductwork &amp; Piping</div>											
	2RG	120	Frame Interior Partitions	10	10	0%	21/Jan/21	03/Feb/21													<div><div></div> Frame Interior Partitions</div>											
	2RG	150	Rough-in Fire Protection	10	10	0%	21/Jan/21	03/Feb/21													<div><div></div> Rough-in Fire Protection</div>											
	2RG	140	Rough-in Electrical Power, Lights	10	10	0%	28/Jan/21	10/Feb/21													<div><div></div> Rough-in Electrical Power, Lights</div>											
	2RG	180	Rough-in Fire Alarm	10	10	0%	28/Jan/21	10/Feb/21													<div><div></div> Rough-in Fire Alarm</div>											
	2RG	190	Rough-in ATCs	10	10	0%	28/Jan/21	10/Feb/21													<div><div></div> Rough-in ATCs</div>											
	2RG	200	Rough-in Tele/data	10	10	0%	28/Jan/21	10/Feb/21													<div><div></div> Rough-in Tele/data</div>											
	2RG	130	Rough-in Plumbing	10	10	0%	02/Feb/21	15/Feb/21													<div><div></div> Rough-in Plumbing</div>											
	2RG	105	MEP Inspections	3	3	0%	16/Feb/21	18/Feb/21													<div><div></div> MEP Inspections</div>											
	2RG	115	MECH Insulation & Firestopping	5	5	0%	19/Feb/21	25/Feb/21													<div><div></div> MECH Insulation &amp; Firestopping</div>											
	2RG	125	MECH Insulation Inspection	1	1	0%	26/Feb/21	26/Feb/21													<div><div></div> MECH Insulation Inspection</div>											
	2RG	135	Building Insulation	5	5	0%	01/Mar/21	05/Mar/21													<div><div></div> Building Insulation</div>											
	2RG	145	Inwall Inspection	5	5	0%	01/Mar/21	05/Mar/21													<div><div></div> Inwall Inspection</div>											
	2RG	170	Complete Rough-in Gym/Caf	0	0	0%		05/Mar/21													<div><div></div> Complete Rough-in Gym/Caf</div>											
	Kitchen			48	48		14/Jan/21	22/Mar/21													<div><div></div></div>											
	2RK	100	Start Rough In Kitchen	0	0	0%	14/Jan/21														<div><div></div> Start Rough In Kitchen</div>											
	2RK	110	Rough-in HVAC Ductwork & Piping	10	10	0%	21/Jan/21	03/Feb/21													<div><div></div> Rough-in HVAC Ductwork &amp; Piping</div>											
	2RK	120	Frame Interior Partitions	7	7	0%	04/Feb/21	12/Feb/21													<div><div></div> Frame Interior Partitions</div>											
	2RK	140	Rough-in Electrical Power & Lights	12	12	0%	08/Feb/21	23/Feb/21													<div><div></div> Rough-in Electrical Power &amp; Lights</div>											
	2RK	180	Rough-in Fire Alarm	12	12	0%	08/Feb/21	23/Feb/21													<div><div></div> Rough-in Fire Alarm</div>											
	2RK	190	Rough-in ATCs	12	12	0%	08/Feb/21	23/Feb/21													<div><div></div> Rough-in ATCs</div>											
	2RK	200	Rough-in Tele/data	12	12	0%	08/Feb/21	23/Feb/21													<div><div></div> Rough-in Tele/data</div>											
	2RK	130	Rough-in Plumbing	12	12	0%	15/Feb/21	02/Mar/21													<div><div></div> Rough-in Plumbing</div>											
	2RK	150	Rough-in Fire Protection	5	5	0%	15/Feb/21	19/Feb/21													<div><div></div> Rough-in Fire Protection</div>											
	2RK	100	MECH Inspections	3	3	0%	03/Mar/21	05/Mar/21													<div><div></div> MEP Inspections</div>											
	2RK	110	MECH Insulation & Firestopping	5	5	0%	08/Mar/21	12/Mar/21													<div><div></div> MECH Insulation &amp; Firestopping</div>											
	2RK	120	MECH Insulation Inspection	1	1	0%	15/Mar/21	15/Mar/21													<div><div></div> MECH Insulation Inspection</div>											
	2RK	130	Building Insulation	5	5	0%	16/Mar/21	22/Mar/21													<div><div></div> Building Insulation</div>											
	2RK	140	Inwall Inspection	5	5	0%	16/Mar/21	22/Mar/21													<div><div></div> Inwall Inspection</div>											
	2RK	170	Complete Rough-in Kitchen	0	0	0%		22/Mar/21													<div><div></div> Complete Rough-in Kitchen</div>											
	Finishes			84	84		08/Feb/21	04/Jun/21													<div><div></div></div>											
	Area C			81	81		08/Feb/21	01/Jun/21													<div><div></div></div>											
	2nd Floor Finishes - Library, Bridge			66	66		08/Feb/21	10/May/21													<div><div></div></div>											
2F2	100	Start Finishes 2nd Floor	0	0	0%	08/Feb/21														<div><div></div> Start Finishes 2nd Floor</div>												
2F2	110	Hang Drywall/Tape & Finish	10	10	0%	11/Feb/21	24/Feb/21													<div><div></div> Hang Drywall/Tape &amp; Finish</div>												
2F2	120	Paint - Prime & First Coat	5	5	0%	22/Feb/21	26/Feb/21													<div><div></div> Paint - Prime &amp; First Coat</div>												
2F2	130	Install Ceiling Grids and Frames	5	5	0%	01/Mar/21	05/Mar/21													<div><div></div> Install Ceiling Grids and Frames</div>												
2F2	350	Install Doors, HW, Interior SF & Interior Glazing	5	5	0%	02/Mar/21	08/Mar/21													<div><div></div> Install Doors, HW, Interior SF &amp; Interior Glazing</div>												
2F2	140	Install Light Fixtures	10	10	0%	04/Mar/21	17/Mar/21													<div><div></div> Install Light Fixtures</div>												





Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
2HF 500	Complete Finishes Hub	0	0	0%		01/Jul/21											◆ Complete Finishes Hub												
WTR Work Lists, Cleaning, Punch Lists		53	53		11/May/21	26/Jul/21											Clean Up, WTR Punch List - 2nd Floor												
SC21030	Clean Up, WTR Punch List - 2nd Floor	10	10	0%	11/May/21	24/May/21											Clean Up, WTR Punch List - 1st Floor												
SC21020	Clean Up, WTR Punch List - 1st Floor	15	15	0%	02/Jun/21	22/Jun/21											Clean Up, WTR Punch List - Gymnasium/Caf												
SC21120	Clean Up, WTR Punch List - Gymnasium/Caf	15	15	0%	09/Jun/21	29/Jun/21											Clean Up, WTR Punch List - Kitchen												
SC21130	Clean Up, WTR Punch List - Kitchen	15	15	0%	16/Jun/21	07/Jul/21											Clean Up, WTR Punch List - Interface												
SC21110	Clean Up, WTR Punch List - Interface	3	3	0%	22/Jul/21	26/Jul/21																							
Phase 2 Testing & Substantial Completion		30	30		25/Jun/21	06/Aug/21											HVAC Testing & Balancing												
SC21070	HVAC Testing & Balancing	10	10	0%	25/Jun/21	09/Jul/21											Fire Alarm Programming and testing												
SC21050	Fire Alarm Programming and testing	7	7	0%	08/Jul/21	16/Jul/21											MEP Inspections												
SC21080	MEP Inspections	5	5	0%	12/Jul/21	16/Jul/21											Primary Systems Commissioning												
SC21090	Primary Systems Commissioning	10	10	0%	12/Jul/21	23/Jul/21											Architect's Punch List, Final Cleaning												
SC21000	Architect's Punch List, Final Cleaning	15	15	0%	15/Jul/21	04/Aug/21											Fire Department Inspections												
SC21060	Fire Department Inspections	3	3	0%	19/Jul/21	21/Jul/21											Final Building Inspection												
SC21040	Final Building Inspection	2	2	0%	22/Jul/21	23/Jul/21											Temporary Certificate of Occupancy - Phase 2												
SC21010	Temporary Certificate of Occupancy - Phase 2	2	2	0%	05/Aug/21	06/Aug/21											Substantial Completion Phase 2 Rwquired 8/6/21												
SC21100	Substantial Completion Phase 2 Rwquired 8/6/21	0	0	0%		06/Aug/21*																							
Phase 3 - Final Site Finishes		158	158		18/Mar/21	28/Oct/21																							
Demolition - Northern Wings		25	25		28/Jun/21	02/Aug/21											Mobilize Phase 3 - Close of School 2021												
3DEM 100	Mobilize Phase 3 - Close of School 2021	1	1	0%	28/Jun/21*	28/Jun/21											Conduct Abatement of Remaining Building (Boiler Room, Gym, Auditorium, Caf)												
3DEM 110	Conduct Abatement of Remaining Building (Boiler Room, Gym, A	10	10	0%	28/Jun/21	12/Jul/21											Demolish and Remove Building & Foundation .												
3DEM 120	Demolish and Remove Building & Foundation .	20	20	0%	06/Jul/21	02/Aug/21																							
Site Finishes		158	158		18/Mar/21	28/Oct/21																							
Site Utilities		30	30		03/Aug/21	14/Sep/21											Site Drainage (North Side of Site)												
3SIT 300	Site Drainage (North Side of Site)	20	20	0%	03/Aug/21	30/Aug/21											Infiltration System												
3SIT 650	Infiltration System	20	20	0%	03/Aug/21	30/Aug/21											Site lighting and light pole bases												
3SIT 310	Site lighting and light pole bases	10	10	0%	31/Aug/21	14/Sep/21																							
Priority Walkways for School Opening		81	81		18/Mar/21	12/Jul/21											Utilites (drainage/site lighting) at South Side of Site (K-1 and Pre-K Areas)												
A1000	Utilites (drainage/site lighting) at South Side of Site (K-1 and Pre-K	30	30	0%	18/Mar/21	28/Apr/21											Grade and prepare sub-base												
A1010	Grade and prepare sub-base	3	3	0%	28/May/21	02/Jun/21											Form and prep for concrete walkways												
A1020	Form and prep for concrete walkways	5	5	0%	03/Jun/21	09/Jun/21											Place and finish concrete walks												
A1030	Place and finish concrete walks	10	10	0%	15/Jun/21	28/Jun/21											Accessible for school access												
A1040	Accessible for school access	2	2	0%	09/Jul/21	12/Jul/21*																							
Play Areas		134	134		19/Apr/21	26/Oct/21																							
Playground Outside K thru 1 - Southside of School		47	47		19/Apr/21	23/Jun/21											Form & Pour Concrete Retaining Walls												
3SIT 670	Form & Pour Concrete Retaining Walls	5	5	0%	19/Apr/21*	23/Apr/21											Rough Grading												
3SIT 400	Rough Grading	3	3	0%	29/Apr/21	03/May/21											Set Footings / Posts / Bollards for Inground Mount Furnishings and Fencing												
3SIT 420	Set Footings / Posts / Bollards for Inground Mount Furnishings ar	5	5	0%	04/May/21	10/May/21											Set Curb, Raised Planters, and Finish Grade												
3SIT 490	Set Curb, Raised Planters, and Finish Grade	3	3	0%	11/May/21	13/May/21											Pour Concrete Sidewalks and Pads												
3SIT 430	Pour Concrete Sidewalks and Pads	10	10	0%	14/May/21	27/May/21											Install Playground Equipment / Above Ground / Surface Mount Furnishings and Fencing												
3SIT 410	Install Playground Equipment / Above Ground / Surface Mount Fi	10	10	0%	28/May/21	11/Jun/21											Install Safety Play Surfacing												
3SIT 610	Install Safety Play Surfacing	5	5	0%	28/May/21	04/Jun/21											Install Sub Base and Asphalt Binder Course												
3SIT 640	Install Sub Base and Asphalt Binder Course	3	3	0%	28/May/21	02/Jun/21											Install Plantings & Lawns												
3SIT 550	Install Plantings & Lawns	10	10	0%	07/Jun/21	18/Jun/21											Asphalt Paved Walkways												
3SIT 520	Asphalt Paved Walkways	3	3	0%	21/Jun/21	23/Jun/21																							
Playground at Pre-K - Eastside		57	57		04/May/21	23/Jul/21											Rough Grading												
3SIT 500	Rough Grading	3	3	0%	04/May/21	06/May/21											Set Footings / Posts / Bollards for Inground Mount Furnishings and Fencing												
3SIT 360	Set Footings / Posts / Bollards for Inground Mount Furnishings ar	5	5	0%	07/May/21	13/May/21											Set Curb, Raised Planters, and Finish Grading												
3SIT 380	Set Curb, Raised Planters, and Finish Grading	3	3	0%	10/Jun/21	14/Jun/21											Pour Concrete Pavement and Pads												
3SIT 390	Pour Concrete Pavement and Pads	10	10	0%	15/Jun/21	28/Jun/21											Install Plantings and Lawns												
3SIT 530	Install Plantings and Lawns	5	5	0%	29/Jun/21	06/Jul/21																							

