



**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

January 2021

**Manchester Memorial Elementary School  
Monthly Construction Report Summary – January 2021**

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**Manchester Memorial Elementary School  
Monthly Construction Report Summary – January 2021**

**SECTION 1 - PROJECT SCHEDULE UPDATE**

**Summary:**

Our attached schedule update has a **data date of 02/01/2021**, 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:**

- School sign design has been brought to Con Com for review. Awaiting determination on final location.
- Stormwater Management System submittal under review. Will be forwarded to Con Com for review once scope has been realized.

**Phase 2 – Upcoming Critical Path Milestones (per Updated P6 Schedule):**

<b>MILESTONE ACTIVITY</b>	<b>PREV PROJECTED P6 COMPLETION</b>	<b>ACTUAL COMPLETION DATE</b>
Phase 2 Roof Installation Complete – C Building	01/22/21	01/29/21
Phase 2 Rough-in Complete – B Building	03/12/21	
Phase 2 Rough-in Complete – C Building	03/23/21	

**January Summary of Phase 2 Progress:**

- Structural steel detailing and corrective work complete.
- C Building framing/sheathing/roofing complete.
- Mechanical, electrical, plumbing, and fire protection rough-in started.
- Exterior AVB ongoing.
- Storefront window installation ongoing.

**February Look Ahead:**

- Masonry veneer installation expected to begin.
- AVB to be completed.
- Mechanical, electrical, plumbing, and fire protection ongoing.
- Curtainwall installation to begin.
- Phase 1 / Phase 2 MEP Tie-In Work to begin.

**Manchester Memorial Elementary School  
Monthly Construction Report Summary – January 2021**

**SECTION 2 – PROGRESS PHOTOS**



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W.T. Rich Company

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43 Lincoln Street  
Manchester by the Sea, Massachusetts 01944



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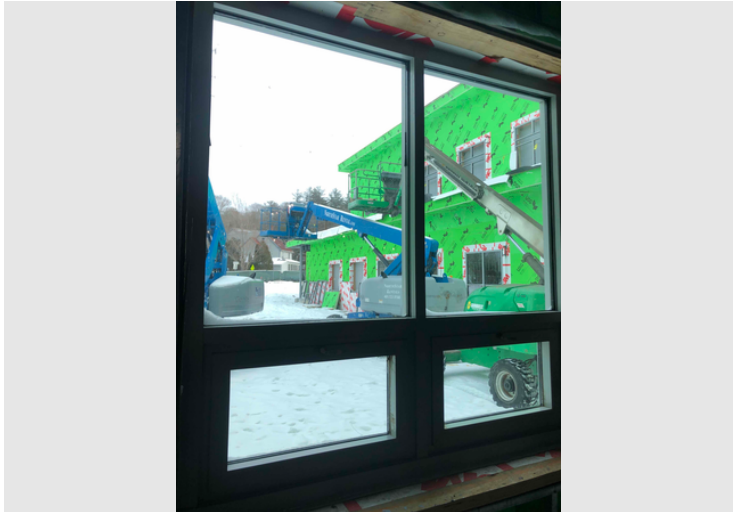
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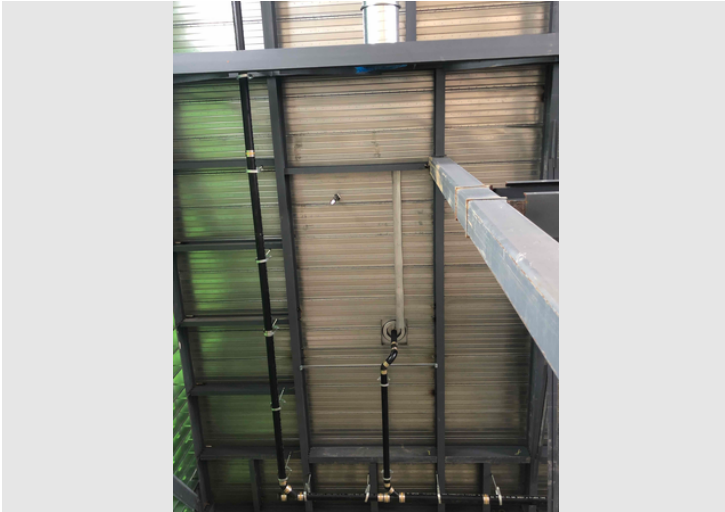
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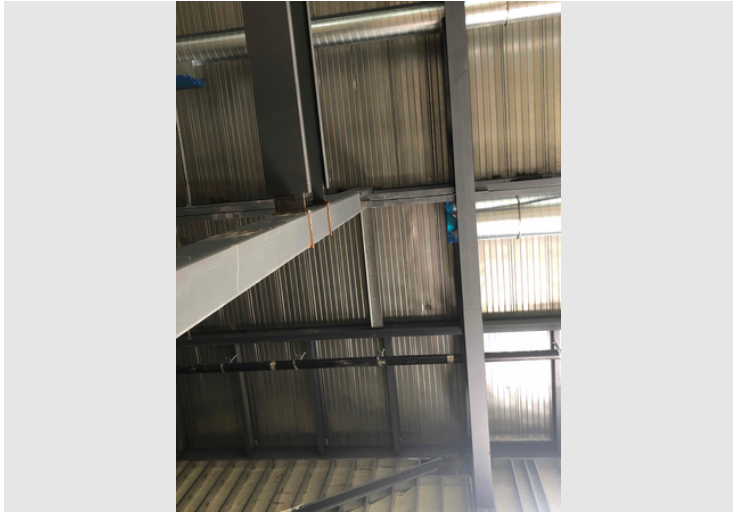
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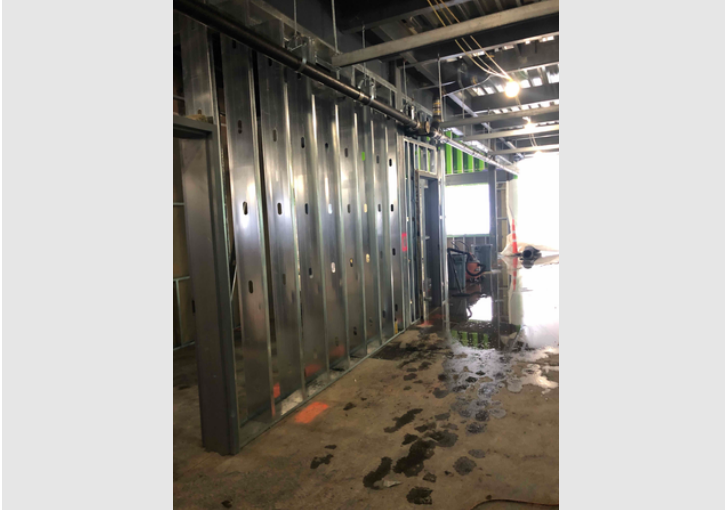
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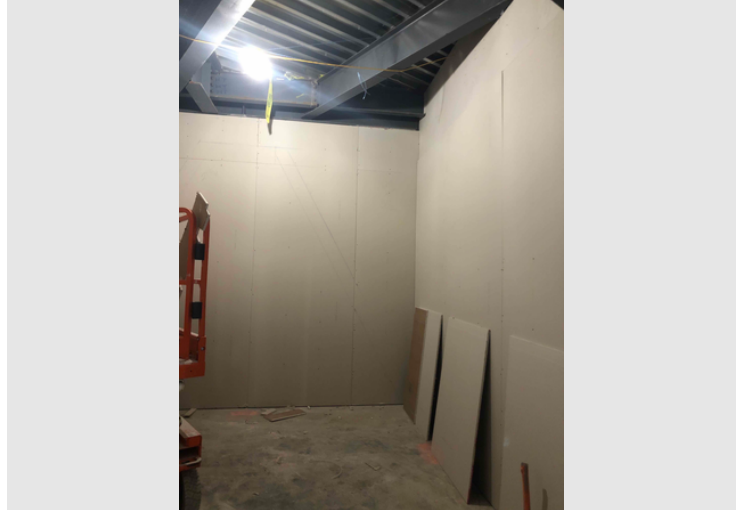
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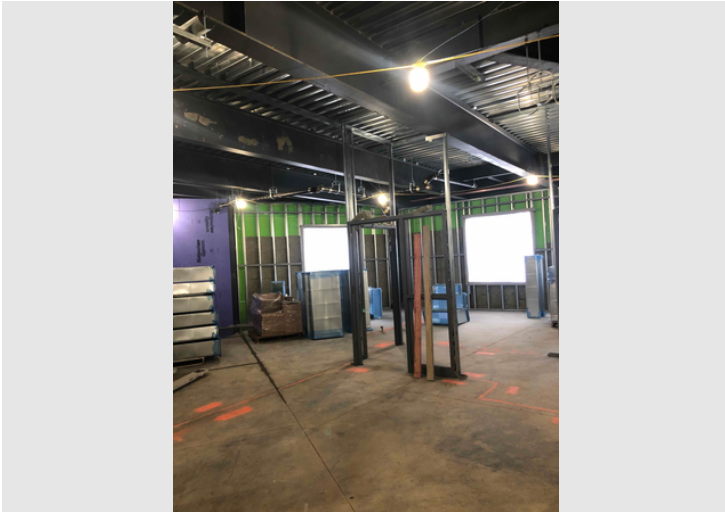
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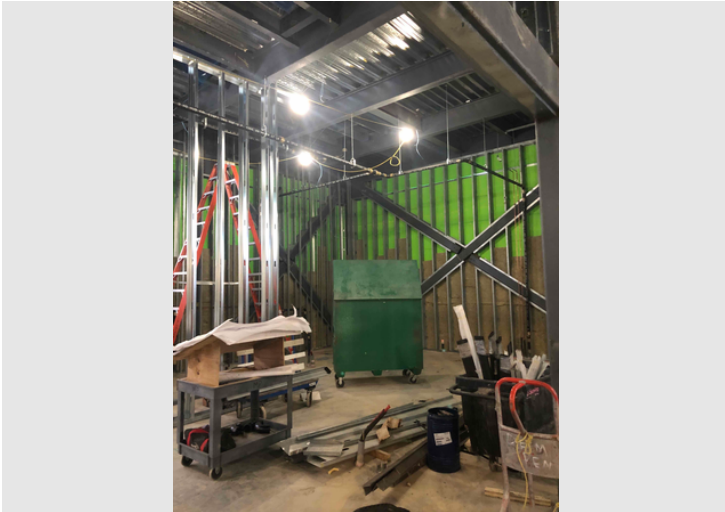
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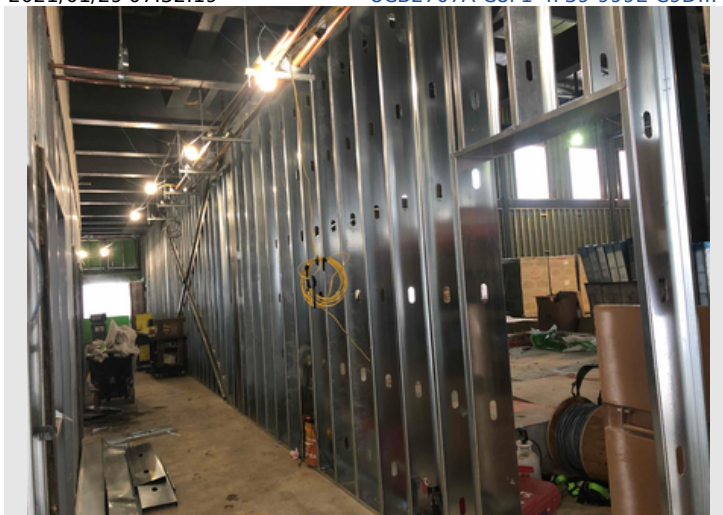
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43 Lincoln Street  
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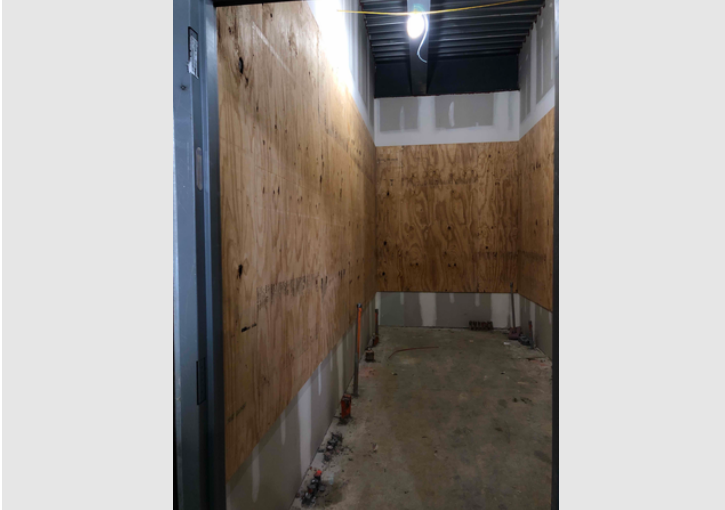
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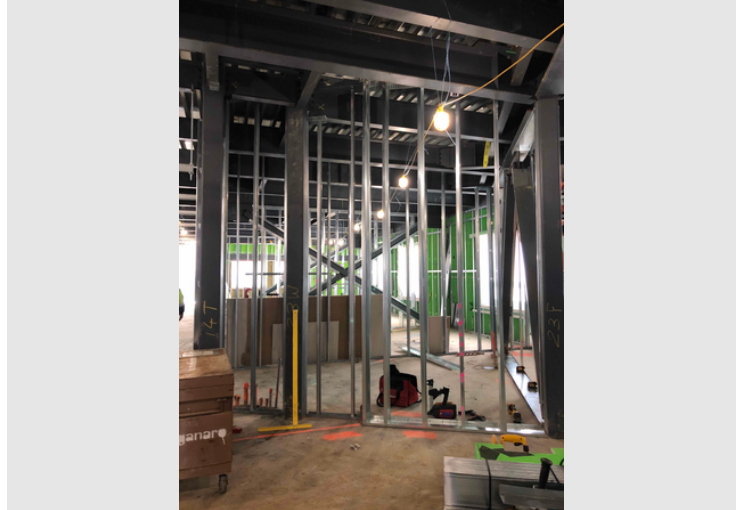
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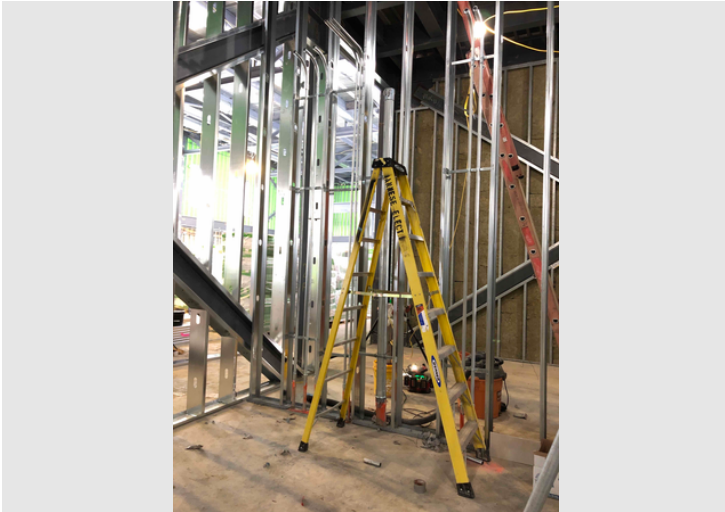
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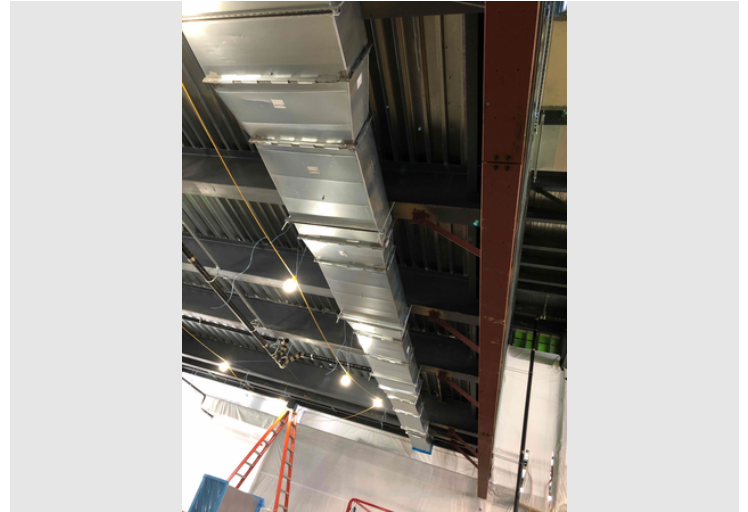
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**Manchester Memorial Elementary School  
Monthly Construction Report Summary – January 2021**

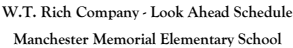
**SECTION 3 – ATTACHMENTS**



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

Updated: 2/1/2021

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						1/25	1/26	1/27	1/28	1/29	1/30	1/31	2/1	2/2	2/3	2/4	2/5	2/6	2/7	2/8	2/9	2/10	2/11	2/12	2/13	2/14	2/15	2/16	2/17	2/18	2/19	2/20	2/21	
Milestone/Activity Description		Responsibility	First Delivery	Initial Inspection	Start Date	End Date																												
UPCOMING MILESTONES / GENERAL																																		
Phase 1																																		
Manganaro																																		
Kiln Set-Up and Training (Fridays 9:30 - 10:30)		JDB	Not Required		TBD	TBD																												
Phase 2																																		
Annese Electric																																		
Heat Trace FP Lines		KN	Not Required		TBD	TBD																												
Branch Circuit Wiring		KN	Not Required		01/18/21	TBD																												
Rough B Building Security & FA		KN	Not Required		01/18/21	TBD																												
Rough B Building TEL/DATA		KN	Not Required		01/18/21	TBD																												
Build Out B Building Electrical Room		KN	Not Required		01/18/21	TBD																												
Rough C Building Security & FA		KN	Not Required		02/01/21	TBD																												
Rough C Building TEL/DATA		KN	Not Required		02/01/21	TBD																												
MEP Rough Inspection B Building (PROJECTED)		KN	Not Required		02/26/21	02/26/21																												
MEP Rough Inspection C Building (PROJECTED)		KN	Not Required		03/12/21	03/12/21																												
MEP In-Wall Complete / Ready to Close Walls B Building (PROJECTED)		KN	Not Required		03/05/21	03/05/21																												
MEP In-Wall Complete / Ready to Close Walls C Building (PROJECTED)		KN	Not Required		03/19/21	03/19/21																												
E. Amanti & Sons - Plumbing																																		
Heat Trace FP Lines		KN	Not Required		TBD	TBD																												
Installation Roof Rain Leaders and Drains Throughout (C-Building)		KN	Scheduled		11/02/20	01/15/21																												
Rough B Building Plumbing		KN	Not Required		01/04/21	TBD																												
Rough C Building Plumbing		KN	Not Required		01/18/21	TBD																												
MEP Rough Inspection B Building (PROJECTED)		KN	Not Required		02/19/21	02/19/21																												
MEP Rough Inspection C Building (PROJECTED)		KN	Not Required		03/05/21	03/05/21																												
MEP In-Wall Complete / Ready to Close Walls B Building (PROJECTED)		KN	Not Required		03/05/21	03/05/21																												
MEP In-Wall Complete / Ready to Close Walls C Building (PROJECTED)		KN	Not Required		03/19/21	03/19/21																												
E. Amanti & Sons - HVAC																																		
RTU Delivery (PROJECTED)		KN	Not Required		02/04/21	02/04/21																												
Install Ductwork B Building (Gymnasium)		KN	Not Required		01/04/21	02/12/21																												
Install Ductwork B (Kitchen/Caf/Maintenance) (PROJECTED)		KN	Not Required		01/21/21	02/19/21																												
Install Ductwork C Building (Central)		KN	Not Required		02/08/21	03/05/21																												
Install Ductwork C Building (Media Center)		KN	Not Required		TBD	03/05/21																												
Install Ductwork C Building (Admin/Pre-K)		KN	Not Required		02/08/21	03/05/21																												
Installation of Rough Heating B		KN	Not Required		01/04/21	02/19/21																												
Installation of Rough Heating C		KN	Not Required		01/18/21	03/05/21																												
MEP Rough Inspection B Building (PROJECTED)		KN	Not Required		02/19/21	02/19/21																												
MEP Rough Inspection C Building (PROJECTED)		KN	Not Required		03/05/21	03/05/21																												
MEP In-Wall Complete / Ready to Close Walls B Building (PROJECTED)		KN	Not Required		03/05/21	03/05/21																												
MEP In-Wall Complete / Ready to Close Walls C Building (PROJECTED)		KN	Not Required		03/19/21	03/19/21																												
United Civil																																		
Connect Grease Trap		JDB	Not Required		TBD	TBD																												
Cogswell Sprinklers																					</													



						MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN								
Milestones/Activity Description						1/25	1/26	1/27	1/28	1/29	1/30	1/31	2/1	2/2	2/3	2/4	2/5	2/6	2/7	2/8	2/9	2/10	2/11	2/12	2/13	2/14	2/15	2/16	2/17	2/18	2/19	2/20	2/21								
Ready to Close Walls C Building*						BA						Not Required																													
The Waterproofing Co																																									
Installation AVB C Building						JDB						Scheduled						01/18/21						02/22/21																	
Installation AVB B Building						JDB						Scheduled						01/04/21						02/22/21																	
Installation AVB Hub						JDB						Scheduled						02/23/21						03/02/21																	
Marmelo Brothers Inc.																																									
CMU Backup Walls - Hub (PENDING RFI RESPONSE)						JDB						Not Required						12/09/20						TBD																	
Masonry Veneer - Building C ( PROJECTED)						JDB						Not Required						02/15/21						TBD																	
Masonry Veneer - Building B (PROJECTED)						JDB						Not Required						TBD						TBD																	
CMU backup B building (At Media Center South Wall)						JDB						Not Required						TBD						TBD																	
Stair #3 Wall Patching						JDB						Not Required						TBD						TBD																	
Stanley Roofing																																									
Shingle Pre-K & Hub						TP						Scheduled						01/28/21						02/18/21																	
Install Roof Gym Edge Detail						TP						Completed						TBD						TBD																	
Media Center Roof Detailing						TP						Scheduled						TBD						TBD																	
Café, Kitchen Roof Detailing						TP						Scheduled						TBD						TBD																	
Custodian & Gym Corridor Roof Detailing						TP						Scheduled						TBD						TBD																	
A&A Windows																																									
Installation SF North and East Elevation C Building (prek and admin)						JDB						Not Required						01/19/21						01/29/21																	
Installation SF East Media Center and South C Building (prek, media center, admin)						JDB						Not Required						01/25/21						01/29/21																	
Installation CW North & East Elevation Building C						JDB						Not Required						01/19/21						02/04/21																	
Installation SF North Elevation B Building						JDB						Not Required						01/18/21						02/12/21																	
Installation SF South Elevation B Building						JDB						Not Required						TBD						TBD																	
Installation CW West Elevation Building B						JDB						Not Required						TBD						TBD																	
Installation CW North Elevation B Building						JDB						Not Required						TBD						TBD																	
WTR																																									
Snow Removal						JDB						Not Required						TBD						TBD																	
Temp Enclosures						JDB						Not Required						12/20/20						01/29/21																	
C Building Weather Tight and Heated						JDB						Not Required						02/08/21						02/08/21																	
Quality Control																																									
Pre-Installation MARMELO						JTC/WTR						Not Required						Completed						01/27/21						01/27/21											
Pre-Installation SOEP						JTC/WTR						Not Required						Completed						TBD						TBD											
First Delivery Inspections						WTR						Scheduled						07/15/20						06/30/21																	
MEP Installation												Not Required						TBD						TBD																	
Mock-Ups																																									
Sub-Contractor Meeting																																									
Subcontractor Meetings - Every Wednesday AM @ 9:00AM												Not Required																													
Inspections & Commissioning																																									
AVB Testing						TP						Not Required						01/19/21						01/20/21																	
Security						KN						Not Required						TBD						TBD																	
PA system						KN/AC						Not Required						12/28/20						12/31/20																	
Final wedding inspection						JDB						Not Required						TBD																							
Final Commissioning						WTR						Scheduled						12/28/20						12/31/20																	
Safety																																									
Orientations - On Going as Needed with New Hires						TP						Not Required																													
COVID-19 pre entrav & Sprav						TP						Not Required						Daily																							
CORI Check-On Going as Needed with New Hires						TP						Not Required																													
ConstructSecure Safety Inspections (min 1 per Week)						TP/JDB/BA						Not Required																													
School																																									
February Vacation - Target Phasing Line Work / Stormwater Work												Not Required						2/15/2020						2/19/2020																	
April Vacation - Target Abatement?												Not Required						4/19/2020						4/24/2020																	
Last Day School												Not Required						6/17/2020						6/24/2020																	
Blackout period of Building												Not Required						7:30:00 AM						8:30:00 AM																	
Blackout period of Building												Not Required						2:30:00 PM						3:30:00 PM																	
Subcontractors in Phase I Building												Not Required						2/15/2021						2/19/2021																	

JANUARY UPDATE SCHEDULE						PHASE 2 & 3 SCHEDULE																						
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
Manchester Memorial Elementary School		998	244		08/Feb/18 A	20/Jan/22																						
Design and Preconstruction		611	0		08/Feb/18 A	07/Jul/20 A																						
Submittal Packages		337	0		02/Apr/19 A	02/Jul/20 A																						
Phase 1 - New Classroom Wing Area A		397	3		01/Mar/19 A	03/Feb/21																						
Phase 2 - New Building Areas B&C		548	131		10/Jun/19 A	06/Aug/21																						
Phase 2 Submittals		490	73		10/Jun/19 A	14/May/21																						
042613 - Phase 2 CMU (Stair & Elevator Shaft)		135	0		03/Sep/19 A	21/Sep/20 A																						
SM04 1090	Prepare and Submit Package CMU	20	0	100%	03/Sep/19 A	30/Sep/19 A																						
SM04 1100	Review and Approve Package CMU	20	0	100%	30/Sep/19 A	31/Jan/20 A																						
SM04 1110	Fabricate and Deliver CMU and Reinforcement	30	0	100%	31/Jan/20 A	21/Sep/20 A																						
051200 - Phase 2 (Area B&C) Anchor Bolts		298	0		28/Oct/19 A	10/Aug/20 A																						
SM 5 1420	Prepare and Submit Package Anchor Bolts	9	0	100%	28/Oct/19 A	31/Mar/20 A																						
SM 5 1430	Review and Approve Package Anchor Bolts	15	0	100%	31/Mar/20 A	20/Apr/20 A																						
SM 5 1440	Fabricate and Deliver Structural Anchor Bolts	78	0	100%	21/Apr/20 A	10/Aug/20 A																						
033000 Phase 2 - Cast-In-Place Concrete		45	0		01/Jan/20 A	30/Jul/20 A																						
SM 3 1030	Prepare and Submit Concrete Package	15	0	100%	01/Jan/20 A	09/Jan/20 A																						
SM 3 1040	Review and Approve Concrete Package	15	0	100%	10/Jan/20 A	31/Jan/20 A																						
SM 3 1050	Fabricate & Deliver Concrete Phase 2	15	0	100%	31/Jan/20 A	30/Jul/20 A																						
051200 - Phase 2 (Area B&C) Structural Steel Framing		98	0		10/Jun/19 A	12/Oct/20 A																						
SM 5 1450	Prepare and Submit Package Structural Steel	30	0	100%	10/Jun/19 A	01/Aug/19 A																						
SM 5 1460	Review and Approve Package Structural Steel	24	0	100%	01/Aug/19 A	30/Sep/19 A																						
SM 5 1470	Fabricate and Deliver Structural Steel Framing	35	0	100%	09/Sep/19 A	12/Oct/20 A																						
053100 - Phase 2 (Area B&C) Steel Decking		110	0		13/Jun/19 A	12/Oct/20 A																						
SM 5 1480	Prepare and Submit Package Steel Decking	20	0	100%	13/Jun/19 A	09/Aug/19 A																						
SM 5 1490	Review and Approve Package Steel Decking	20	0	100%	12/Aug/19 A	09/Sep/19 A																						
SM 5 1500	Fabricate and Deliver Steel Decking	49	0	100%	10/Sep/19 A	12/Oct/20 A																						
055000 - Phase 2 (Area B&C) Metal Fabrications		265	10		22/Oct/19 A	12/Feb/21																						
SM 5 1510	Prepare and Submit Package Metal Fabs	20	0	100%	22/Oct/19 A	28/Jul/20 A																						
SM 5 1520	Review and Approve Package Metal Fabs	20	0	100%	29/Jul/20 A	30/Sep/20 A																						
SM 5 1530	Fabricate and Deliver Metal Fabrications	25	10	50%	30/Sep/20 A	12/Feb/21																						
055113 - Phase 2 Metal Pan Stairs		244	0		14/Oct/19 A	07/Oct/20 A																						
SM 5 1370	Prepare and Submit Package Metal Stairs & Railings	20	0	100%	14/Oct/19 A	14/Jul/20 A																						
SM 5 1400	Field Meassure Floor Heights	3	0	100%	30/Jun/20 A	02/Jul/20 A																						
SM 5 1410	Fabricate Field Measured Items and Deliver Metal Stairs & Railing	10	0	100%	06/Jul/20 A	07/Oct/20 A																						
SM 5 1380	Review and Approve Package Metal Stairs & Railings	25	0	100%	31/Jul/20 A	04/Sep/20 A																						
SM 5 1390	Fabricate Stock Sized Items and Deliver	15	0	100%	08/Sep/20 A	06/Oct/20 A																						
061533 - Wood Patio Decking		146	20		31/Jul/20 A	01/Mar/21																						
SM 6 1220	Prepare and Submit Package Wood Patio Decking	43	0	100%	31/Jul/20 A	30/Nov/20 A																						
SM 6 1230	Review and Approve Package Wood Patio Decking	40	10	75%	30/Nov/20 A	12/Feb/21																						
SM 6 1240	Fabricate and Deliver Wood Patio Decking	10	10	0%	16/Feb/21	01/Mar/21																						
061850 - Glue Laminated Timber Beams Phase 2		70	27		30/Nov/20 A	10/Mar/21																						
SM 6 1030	Prepare and Submit Package Glue Laminated Timber Beams	15	0	100%	30/Nov/20 A	18/Dec/20 A																						
SM 6 1100	Review and Approve Package Glue Laminated Timber Beams	20	0	100%	21/Dec/20 A	26/Jan/21 A																						
SM 6 1120	Fabricate and Deliver Glue Laminated Timber Beams	30	27	10%	27/Jan/21 A	10/Mar/21																						
064023 - Phase 2 Interior Woodwork		347	15		09/Oct/19 A	22/Feb/21																						
SM 6 1280	Prepare and Submit Package Arch Woodwork	15	0	100%	09/Oct/19 A	20/Aug/20 A																						
SM 6 1290	Review and Approve Package Arch Woodwork	15	0	100%	21/Aug/20 A	10/Sep/20 A																						
SM 6 1340	Release Materials for Delivery to Shop	20	0	100%	11/Sep/20 A	07/Jan/21 A																						
SM 6 1310	Field Measure 1st Floor Arch Woodwork	3	0	100%	08/Jan/21 A	12/Jan/21 A																						
Start Date: 08/Feb/18 Finish Date: 20/Jan/22 Data Date: 31/Jan/21 Print Date: 27/Jan/21 Layout: Owner																												
Summary Actual Work Remaining Work Remaining Level of Effort																												
Critical Remaining Work Actual Milestone Milestone Critical Milestone																												
Manchester Memorial Elementary School																												
Page 1 of 13																												
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W.T. Rich Company, Inc.																												

JANUARY UPDATE SCHEDULE

PHASE 2 & 3 SCHEDULE

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
1	SM 6 1330	Fabricate and Deliver Arch Woodwork 1st Floor	20	10	50%	13/Jan/21 A	12/Feb/21																					
	SM 6 1300	Field Measure 2nd Floor Arch Woodwork	3	0	100%	20/Jan/21 A	22/Jan/21 A																					
	SM 6 1320	Fabricate and Deliver Arch Woodwork 2nd Floor	20	15	25%	25/Jan/21 A	22/Feb/21																					
	066400 - Plastic Paneling		148	43		31/Aug/20 A	01/Apr/21																					
	SM 6 1250	Prepare and Submit Package FRP Paneling	20	0	100%	31/Aug/20 A	28/Sep/20 A																					
	SM 6 1260	Review and Approve Package FRP Paneling	20	0	100%	29/Sep/20 A	23/Oct/20 A																					
	SM 6 1270	Fabricate and Deliver FRP Paneling Phase 2	110	43	60.91%	26/Oct/20 A	01/Apr/21																					
	074213- Formed PVC Roof Screens		75	0		17/Mar/20 A	31/Jul/20 A																					
	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	0	100%	21/Apr/20 A	31/Jul/20 A																					
	079500 - Expansion Control		83	0		31/Jul/20 A	25/Nov/20 A																					
	SM 7 1710	Prepare and Submit Package Expansion Control	10	0	100%	31/Jul/20 A	03/Nov/20 A																					
	SM 7 1720	Review and Approve Package Expansion Control	15	0	100%	04/Nov/20 A	24/Nov/20 A																					
	SM 7 1730	Fabricate and Deliver Expansion Control Phase 2	1	0	100%	25/Nov/20 A	25/Nov/20 A																					
	083323 - Coiling Doors		189	63		31/Jul/20 A	30/Apr/21																					
	SM8 1000	Prepare and Submit Package Overhead Coiling Doors	20	0	100%	31/Jul/20 A	21/Sep/20 A																					
	SM8 1010	Review and Approve Package Overhead Coiling Doors	15	0	100%	22/Sep/20 A	13/Oct/20 A																					
	SM8 1020	Fabricate and Deliver Coiling Doors Phase 2	139	63	54.68%	14/Oct/20 A	30/Apr/21																					
	084113 Phase 2 Storefront Windows		114	0		03/Sep/19 A	22/Jan/21 A																					
	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	0	100%	21/Oct/19 A	22/Jan/21 A																					
	084413 Phase 2 Glazed Aluminum Curtain Walls		379	29		15/Aug/19 A	12/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	29	50%	08/Jan/20 A	12/Mar/21																					
	084113 Phase 2 Interior Storefront		145	0		31/Jul/20 A	15/Jan/21 A																					
	SM 8 1360	Prepare and Submit Package Interior Storefronts	20	0	100%	31/Jul/20 A	27/Aug/20 A																					
	SM 8 1370	Review and Approve Package Interior Storefronts	25	0	100%	28/Aug/20 A	18/Dec/20 A																					
	SM 8 1380	Fabricate and Deliver Interior Storefront Frames Phase 2	47	0	100%	21/Dec/20 A	15/Jan/21 A																					
	088113 Decorative Glass Glazing		131	60		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	60	0%	25/Feb/20 A	27/Apr/21																					
	088700 Window Film		121	43		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	43	4.44%	10/Feb/20 A	01/Apr/21																					
	096466 Wood Athletic Flooring		320	45		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	0	100%	28/Jan/20 A	20/Oct/20 A																					
	SM9 1080	Fabricate and Deliver Wood Athletic Floor Phase 2	115	45	60.87%	21/Oct/20 A	05/Apr/21																					
	096566 Resilient Athletic Flooring		362	39		22/Oct/19 A	26/Mar/21																					
	SM9 1120	Prepare and Submit Resilient Athletic Floor Package	25	0	100%	22/Oct/19 A	20/Oct/20 A																					
	SM9 1130	Review and Approve Resilient Athletic Package	25	0	100%	21/Oct/20 A	29/Oct/20 A																					
SM9 1140	Fabricate and Deliver Resilient Athletic Phase 2	119	39	67.23%	30/Oct/20 A	26/Mar/21																						
097200 Wall Coverings		313	72		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																						

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Layout: Owner

Summary

Actual Work

Remaining Work

Remaining Level of Effort

Critical Remaining Work

Actual Milestone

Milestone

Critical Milestone

Manchester Memorial Elementary School

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W.T. Rich Company, Inc.

JANUARY UPDATE SCHEDULE

PHASE 2 & 3 SCHEDULE

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	
	SM 9 1460	Review and Approve Package Wall Coverings	15	0	100%	20/Feb/20 A																								
	SM 9 1470	Fabricate and Deliver Wall Coverings Phase 2	93	72	22.58%	31/Dec/20 A																								
	098433 Sound Absorbing Wall Units		117	33		30/Sep/20 A																								
	SM9 1090	Prepare and Submit Package Sound Absorbing Panels	15	0	100%	30/Sep/20 A																								
	SM9 1100	Review and Approve Package Sound Absorbing Panels	15	0	100%	21/Oct/20 A																								
	SM9 1110	Fabricate and Deliver Sound Absorbing Panels Phase 2	47	33	29.03%	12/Jan/21 A																								
	098436 Sound Absorbing Ceiling Units		117	33		30/Sep/20 A																								
	SM9 1150	Prepare and Submit Package Sound Absorbing Panels	15	0	100%	30/Sep/20 A																								
	SM9 1160	Review and Approve Package Sound Absorbing Panels	15	0	100%	21/Oct/20 A																								
	SM9 1170	Fabricate and Deliver Sound Absorbing Panels Phase 2	47	33	29.03%	12/Jan/21 A																								
	101453 Traffic Signage		81	50		30/Nov/20 A																								
	SM10 1000	Prepare and Submit Package Traffic Signage	10	0	100%	30/Nov/20 A																								
	SM10 1010	Review and Approve Package Traffic Signage	10	0	100%	14/Dec/20 A																								
	SM10 1020	Fabricate and Deliver Traffic Signage Phase 3	50	50	0%	14/Jan/21 A																								
	102123 Cubicles		71	54		31/Dec/19 A																								
	SM10 1030	Prepare and Submit Package Cubicle Curtains	25	0	100%	31/Dec/19 A																								
	SM10 1040	Review and Approve Package Cubicle Curtains	15	0	100%	06/Feb/20 A																								
	SM10 1050	Fabricate and Deliver Cubicle Curtains	20	54	0%	27/Feb/20 A																								
	102239 Folding Panel Partitions		304	50		31/Dec/19 A																								
	SM10 1090	Prepare and Submit Package Folding Panel Partitions	25	0	100%	31/Dec/19 A																								
	SM10 1100	Review and Approve Package Folding Panel Partitions	5	0	100%	03/Feb/20 A																								
	SM10 1110	Fabricate and Deliver Folding Panel Partitions	50	50	0%	31/Dec/20 A																								
	SM10 1120	Field Measure for Folding Panel Partition Phase 2	0	0	100%	31/Dec/20 A																								
	105113 Lockers		101	59		31/Dec/19 A																								
	SM 10 170	Prepare and Submit Package Lockers	15	0	100%	31/Dec/19 A																								
	SM 10 180	Review and Approve Package Lockers	15	0	100%	06/Feb/20 A																								
	SM 10 260	Fabricate and Deliver Metal Lockers Phase 2	60	59	1.67%	28/Feb/20 A																								
	114000 - Food Service Equipment		267	59		02/Apr/20 A																								
	SM11 1000	Prepare and Submit Package Food Service Equipment	25	0	100%	02/Apr/20 A																								
	SM11 1010	Review and Approve Package Food Service Equipment	25	0	100%	06/Apr/20 A																								
	SM11 1020	Fabricate and Deliver Food Service Equipment Phase 2	220	59	73.18%	15/Jun/20 A																								
	115213 Projection Screens		318	43		31/Dec/19 A																								
	SM 11 100	Prepare and Submit Package Proj Screens	25	0	100%	31/Dec/19 A																								
	SM 11 110	Review and Approve Package Proj Screens	25	0	100%	05/Oct/20 A																								
	SM 11 120	Fabricate and Deliver Projection Screens Phase 2	81	43	46.91%	07/Dec/20 A																								
	115700 - Misc Equipment		147	19		31/Dec/19 A																								
	SM11 1060	Prepare and Submit Package Misc Equipment	15	0	100%	31/Dec/19 A																								
	SM11 1070	Review and Approve Package Misc Equipment	16	0	100%	05/Feb/20 A																								
	SM11 1080	Fabricate and Deliver Misc Phase 2	40	19	52.5%	02/Jun/20 A																								
	116143 - Platform Curtains		86	43		30/Nov/20 A																								
	SM11 1090	Prepare and Submit Package Platform Curtains	0	0	100%	30/Nov/20 A																								
	SM11 1100	Review and Approve Package Platform Curtains	25	0	100%	30/Nov/20 A																								
	SM11 1110	Fabricate and Deliver Platform Curtains Phase 2	54	43	20.37%	15/Jan/21 A																								
	116310 - Scoring Equipment		70	10		30/Sep/20 A																								
	SM11 1120	Prepare and Submit Package Scoreboard Equipment	4	0	100%	30/Sep/20 A																								
	SM11 1130	Review and Approve Package Scoreboard Equipment	25	0	100%	06/Oct/20 A																								
	SM11 1140	Fabricate and Deliver Scoreboard Equipment - Phase 2	2	10	0%	08/Jan/21 A																								
	116623 - Gymnasium Equipment		128	44		30/Sep/20 A																								
	SM11 1150	Prepare and Submit Package Gym Equipment	4	0	100%	30/Sep/20 A																								

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- Summary

Actual Work

Remaining Work

Remaining Level of Effort
- Critical Remaining Work

Actual Milestone

Milestone

Critical Milestone

Manchester Memorial Elementary School

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JANUARY UPDATE SCHEDULE

PHASE 2 & 3 SCHEDULE

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
Division 31 - Gymnasium	SM11 1160	Review and Approve Package Gym Equipment	25	0	100%	06/Oct/20 A	07/Jan/21 A																					
	SM11 1170	Fabricate and Deliver Gym Equipment	60	44	26.67%	08/Jan/21 A	02/Apr/21																					
	116653 - Gymnasium Dividers		86	43		30/Nov/20 A	01/Apr/21																					
	SM11 1180	Prepare and Submit Package Gym Dividers	0	0	100%	30/Nov/20 A	30/Nov/20 A																					
	SM11 1190	Review and Approve Package Gym Dividers	25	0	100%	30/Nov/20 A	18/Dec/20 A																					
	SM11 1200	Fabricate and Deliver Gym Dividers	71	43	39.44%	21/Dec/20 A	01/Apr/21																					
	116813 - Play Equipment and Structures		153	69		30/Sep/20 A	10/May/21																					
	SM11 1210	Prepare and Submit Package Play Equipment and Structures	4	0	100%	30/Sep/20 A	05/Oct/20 A																					
	SM11 1220	Review and Approve Package Play Equipment and Structures	5	0	100%	06/Oct/20 A	12/Oct/20 A																					
	SM11 1230	Fabricate and Deliver Play Equipment and Structures	126	69	45.24%	13/Oct/20 A	10/May/21																					
	123260 - Musical Storage cabinets		129	45		30/Sep/20 A	05/Apr/21																					
	SM 12 190	Prepare and Submit Package Musical Storage Cabinets	9	0	100%	30/Sep/20 A	12/Oct/20 A																					
	SM 12 200	Review and Approve Package Musical Storage Cabinets	30	0	100%	13/Oct/20 A	11/Dec/20 A																					
	SM 12 210	Fabricate and Deliver Window Musical Storage Cabinets	78	45	42.31%	14/Dec/20 A	05/Apr/21																					
	124816 Entrance Floor Grilles		68	0		31/Dec/19 A	31/Dec/20 A																					
	SM 12 310	Prepare and Submit Package Floor Mats	25	0	100%	31/Dec/19 A	30/Jan/20 A																					
	SM 12 320	Review and Approve Package Floor Mats	25	0	100%	30/Jan/20 A	07/Feb/20 A																					
	SM 12 330	Fabricate & Deliver Floor Grills	40	0	100%	10/Feb/20 A	31/Dec/20 A																					
	124813 Entrance Floor Mats & Frames		68	43		31/Dec/19 A	01/Apr/21																					
	SM 12 115	Prepare and Submit Package Floor Mats	25	0	100%	31/Dec/19 A	30/Jan/20 A																					
	SM 12 150	Review and Approve Package Floor Mats	25	0	100%	30/Jan/20 A	07/Feb/20 A																					
	SM 12 180	Fabricate & Deliver Floor Mats	40	43	0%	10/Feb/20 A	01/Apr/21																					
	126600 - Telescoping Bleachers		148	43		31/Aug/20 A	01/Apr/21																					
	SM 12 340	Prepare and Submit Package Telescoping Bleachers	20	0	100%	31/Aug/20 A	07/Jan/21 A																					
	SM 12 350	Review and Approve Package Telescoping Bleachers	20	0	100%	29/Sep/20 A	14/Jan/21 A																					
	SM 12 360	Fabricate and Deliver Telescoping Bleachers	54	43	20.37%	15/Jan/21 A	01/Apr/21																					
	129300 - Site Furnishings		85	64		31/Dec/20 A	03/May/21																					
	SM 12 370	Prepare and Submit Package Site Furnishings	20	10	50%	31/Dec/20 A	12/Feb/21																					
	SM 12 380	Review and Approve Package Site Furnishings	20	20	0%	16/Feb/21	15/Mar/21																					
	SM 12 390	Fabricate and Deliver Window Site Furnishings	34	34	0%	16/Mar/21	03/May/21																					
	Air Cooled Chiller		272	0		22/Oct/19 A	27/Oct/20 A																					
	SM23 1210	Prepare and Submit Package - Air Cooled Chiller	20	0	100%	22/Oct/19 A	27/Nov/19 A																					
	SM23 1220	Review and Approve Package - Air Cooled Chiller	20	0	100%	31/Dec/19 A	28/Jan/20 A																					
	SM23 1230	Fabricate and Deliver HVAC Air Coded Chiller	204	0	100%	29/Jan/20 A	27/Oct/20 A																					
	Induction Terminal Units (Active Chilled Beam)		263	19		22/Oct/19 A	26/Feb/21																					
	SM 23 700	Prepare and Submit Package - Induction Terminal Units	10	0	100%	22/Oct/19 A	08/Nov/19 A																					
	SM 23 710	Review and Approve Package - Induction Terminal Units	10	0	100%	31/Dec/19 A	14/Jan/20 A																					
	SM 23 720	Fabricate and Deliver HVAC Induction Terminal Units	205	19	90.73%	15/Jan/20 A	26/Feb/21																					
	Bi-directional Antenna System		68	43		22/Oct/19 A	01/Apr/21																					
	SM26 1150	Prepare & Submit Package - Antenna System	15	0	100%	22/Oct/19 A	20/Nov/19 A																					
SM26 1160	Review & Approve Package - Antenna System	15	0	100%	21/Nov/19 A	07/Jan/20 A																						
SM26 1170	Fabricate & Deliver Antenna System	15	43	0%	08/Jan/20 A	01/Apr/21																						
Lightning Protection		118	45		22/Oct/19 A	05/Apr/21																						
SM26 1210	Prepare & Submit Package - Lightning Protection	15	0	100%	22/Oct/19 A	20/Nov/19 A																						
SM26 1220	Review & Approve Package - Lightning Protection	15	0	100%	21/Nov/19 A	12/Dec/19 A																						
SM26 1230	Fabricate & Deliver Lightning Protection	70	45	35.71%	31/Dec/19 A	05/Apr/21																						
Division 32 - Exterior Improvements		306	73		02/Mar/20 A	14/May/21																						
321216 Asphalt Paving		75	63		30/Nov/20 A	30/Apr/21																						
SM 32 100	Prepare and Submit Package Bases, Ballasts, Paving	0	0	100%	30/Nov/20 A	30/Nov/20 A																						

Start Date: 08/Feb/18  
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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.

JANUARY UPDATE SCHEDULE							PHASE 2 & 3 SCHEDULE																							
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		
	SM 32 110	Review and Approve Package Bases, Ballasts, Paving	15	0	100%	30/Nov/20 A																								
	SM 32 320	Fabricate and Deliver Bases, Ballasts, Paving	20	63	0%	21/Dec/20 A																								
	321316 Concrete Paving		76	33		30/Nov/20 A																								
	SM 32 100	Prepare and Submit Package - Concrete Paving	30	15	50%	30/Nov/20 A																								
	SM 32 200	Review and Approve Package - Concrete Paving	25	13	50%	14/Dec/20 A																								
	SM 32 270	Fabricate & Deliver Concrete Paving	20	20	0%	18/Feb/21																								
	321500 Stone Dust Surfacing		10	73		30/Nov/20 A																								
	SM 32 330	Prepare and Submit Package - Stone Dust Surfacing	0	0	100%	30/Nov/20 A																								
	SM 32 340	Review and Approve Package - Stone Dust Surfacing	5	0	100%	30/Nov/20 A																								
	SM 32 350	Fabricate & Deliver Stone Dust Surfacing	5	73	0%	07/Dec/20 A																								
	321613.43 Granite Curbs		153	63		02/Mar/20 A																								
	SM 32 540	Prepare and Submit Package - Granite Curbs	10	0	100%	02/Mar/20 A																								
	SM 32 550	Review and Approve Package - Granite Curbs	15	0	100%	16/Mar/20 A																								
	SM 32 560	Fabricate & Deliver Granite Curbs	10	63	0%	22/Sep/20 A																								
	321713 Pavement Marking		25	73		30/Nov/20 A																								
	SM 32 450	Prepare and Submit Package - Pavement Markings	0	0	100%	30/Nov/20 A																								
	SM 32 460	Review and Approve Package - Pavement Markings	15	0	100%	30/Nov/20 A																								
	SM 32 470	Fabricate & Deliver Pavement Markings	10	73	0%	21/Dec/20 A																								
	321723.13 Painted Pavement Markings		116	73		30/Nov/20 A																								
	SM 32 390	Prepare and Submit Package - Painted Pavement Markings	0	0	100%	30/Nov/20 A																								
	SM 32 400	Review and Approve Package - Painted Pavement Markings	15	0	100%	30/Nov/20 A																								
	SM 32 410	Fabricate & Deliver Painted Pavement Markings	73	73	0%	01/Feb/21																								
	321726 Tactile Warning Surfacing		25	73		30/Nov/20 A																								
	SM 32 360	Prepare and Submit Package - Tactile Warning Surfacing	0	0	100%	30/Nov/20 A																								
	SM 32 370	Review and Approve Package - Tactile Warning Surfacing	15	0	100%	30/Nov/20 A																								
	SM 32 380	Fabricate & Deliver Tactile Warning Surfacing	10	73	0%	21/Dec/20 A																								
	321816 Playground Protective Surfacing		35	35		01/Feb/21																								
	SM 232130	Prepare and Submit Package Playground Protective Surfacing	0	0	0%	01/Feb/21																								
	SM 232140	Review and Approve Package Playground Protective Surfacing	35	35	0%	01/Feb/21																								
	321823 Court Surfacing		30	0		30/Nov/20 A																								
	SM 232150	Prepare and Submit Package Court Surfacing	0	0	100%	30/Nov/20 A																								
	SM 232160	Review and Approve Package Court Surfacing	30	0	100%	30/Nov/20 A																								
	323100 Chain Link Fence & Gates		106	20		31/Aug/20 A																								
	SM 32 110	Prepare and Submit Package Fence	20	0	100%	31/Aug/20 A																								

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- Summary

Actual Work

Remaining Work

Remaining Level of Effort
- Critical Remaining Work

Actual Milestone

Milestone

Critical Milestone

Manchester Memorial Elementary School

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W.T. Rich Company, Inc.

JANUARY UPDATE SCHEDULE							PHASE 2 & 3 SCHEDULE																					
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
2DEM 240	Cut,Cap, Make-Safe/Selective Demolition	1	0	100%	01/Jun/20 A	01/Jun/20 A																						
2DEM 250	Set Up Containment	2	0	100%	01/Jun/20 A	02/Jun/20 A																						
2DEM 210	Conduct Abatement/Air Clearance/Break down Containment	5	0	100%	03/Jun/20 A	09/Jun/20 A																						
2DEM 220	Demolish and Remove Building & Foundation - Backfill. Rough G	15	0	100%	10/Jun/20 A	10/Jul/20 A																						
2DEM 260	Install temporary Structural Supports	2	0	100%	29/Jun/20 A	01/Jul/20 A																						
Area B Structure		209	104		31/Aug/20 A	29/Jun/21																						
Superstructure B		59	0		31/Aug/20 A	20/Nov/20 A																						
SSB120	Ready for Foundations	0	0	100%	31/Aug/20 A																							
SSB130	Excavate for Foundations	30	0	100%	31/Aug/20 A	21/Sep/20 A																						
SSB140	Form & Place Footings - Tie into A bldg South	10	0	100%	03/Sep/20 A	16/Sep/20 A																						
SSB160	Form & Place Foundation Walls, Piers, Pillasters A South	15	0	100%	15/Sep/20 A	21/Sep/20 A																						
SSB190	Form & Place Elevator Pit	5	0	100%	15/Sep/20 A	21/Sep/20 A																						
SSB150	Backfill Foundations	20	0	100%	15/Sep/20 A	30/Sep/20 A																						
SSB170	Form and Place Footings East & South	10	0	100%	17/Sep/20 A	25/Sep/20 A																						
SSB230	Foundations ready for CMU & Steel	0	0	100%	22/Sep/20 A																							
SSB200	Form & Place Foundation Walls, Piers, Pillasters E&S	18	0	100%	23/Sep/20 A	28/Sep/20 A																						
SSB180	Form and Place ISO Footings	13	0	100%	25/Sep/20 A	30/Sep/20 A																						
SSB240	Erect Structural Steel B	12	0	100%	06/Oct/20 A	21/Oct/20 A																						
SSB250	Install Steel Decking & Detailing B	10	0	100%	21/Oct/20 A	20/Nov/20 A																						
SSB260	Structural Steel Complete B	0	0	100%		20/Nov/20 A																						
Slabs B		116	0		11/Sep/20 A	29/Jan/21 A																						
SSB300	Install Underslab MEPs & Inspect	15	0	100%	11/Sep/20 A	30/Sep/20 A																						
SSB310	Prep & Place Slab on Grade B	8	0	100%	20/Nov/20 A	04/Dec/20 A																						
SSB320	Install Stairway #2	27	0	100%	20/Jan/21 A	29/Jan/21 A																						
Stairs		141	25		30/Sep/20 A	03/May/21																						
STA110	Install CMU Shaft Stair #3	10	0	100%	30/Sep/20 A	08/Oct/20 A																						
STA120	Install Metal Pan Stair #3	8	0	100%	09/Oct/20 A	20/Oct/20 A																						
STA150	Erect Hub Stair #2	5	5	0%	29/Mar/21	02/Apr/21																						
STA160	Erect LGM Framing Stair #2	5	5	0%	05/Apr/21	09/Apr/21																						
STA130	Place Concrete & Cure Stair #2 & 3	5	5	0%	12/Apr/21	16/Apr/21																						
STA170	Prep & Place Lightweight Slab Stair #2	5	5	0%	12/Apr/21	16/Apr/21																						
STA140	Install Handrails at Stairs	10	10	0%	20/Apr/21	03/May/21																						
Roofing & Roof Mounted Items B		160	101		16/Nov/20 A	29/Jun/21																						
ROOB100	Roof Blocking/Roof Drains/Mechanical Curbs	10	0	100%	16/Nov/20 A	24/Dec/20 A																						
ROOB110	Install Roofing System	25	0	100%	17/Nov/20 A	08/Jan/21 A																						
ROOB120	Install HVAC Roof Top Units	10	10	0%	04/Feb/21	18/Feb/21																						
ROOB130	Install Kitchen / Roof Exhaust Fans	10	10	0%	04/Feb/21	18/Feb/21																						
ROOB150	Install Edge Metal & Sheet Metal Flashing	10	10	0%	16/Jun/21	29/Jun/21																						
ROOB160	Install Roof Screens	10	10	0%	16/Jun/21	29/Jun/21																						
Envelope B		137	94		23/Nov/20 A	15/Jun/21																						
EXTB100	Install Exterior Framing & Sheathing	20	0	100%	23/Nov/20 A	24/Dec/20 A																						
EXTB110	Install Temporary Weather Protection (for rough in)	10	0	100%	30/Nov/20 A	24/Dec/20 A																						
EXTB180	Weather delays/Steel Inspection B	10	0	100%	17/Dec/20 A	04/Jan/21 A																						
EXTB120	Install Air Vapor Barrier	15	14	6.67%	04/Jan/21 A	19/Feb/21																						
EXTB150	Install Storefronts	10	5	50%	18/Jan/21 A	05/Feb/21																						
EXTB130	Install Masonry Finishes	50	50	0%	22/Feb/21	03/May/21																						
EXTB140	Install Windows, Curtainwalls	30	30	0%	02/Mar/21	12/Apr/21																						
EXTB160	Install Soffit Z Girts, Insulation	20	20	0%	04/May/21	01/Jun/21																						
EXTB170	Install Soffit Panels	10	10	0%	02/Jun/21	15/Jun/21																						

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Summary

Actual Work

Remaining Work

Remaining Level of Effort

Critical Remaining Work

Actual Milestone

Milestone

Critical Milestone

Manchester Memorial Elementary School

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W.T. Rich Company, Inc.

JANUARY UPDATE SCHEDULE

PHASE 2 & 3 SCHEDULE

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			1	
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		
Area C Structure		240	100		13/Jul/20 A	23/Jun/21																								
Superstructure C		94	0		13/Jul/20 A	20/Nov/20 A																								
SSC100	Grade Site for Ground Improvements	5	0	100%	13/Jul/20 A	17/Jul/20 A																								■ Grade Site for Ground Improvements
SSC110	Install Ground Improvements	10	0	100%	20/Jul/20 A	31/Jul/20 A																								■ Install Ground Improvements
SSC120	Ready for Foundations	0	0	100%	31/Jul/20 A																									◆ Ready for Foundations
SSC130	Excavate for Foundations	30	0	100%	03/Aug/20 A	14/Sep/20 A																								■ Excavate for Foundations
SSC140	Form & Place Footings - Tie into A bldg North	10	0	100%	10/Aug/20 A	21/Aug/20 A																								■ Form & Place Footings - Tie into A bldg North
SSC160	Backfill Foundations	30	0	100%	13/Aug/20 A	24/Sep/20 A																								■ Backfill Foundations
SSC150	Form & Place Foundation Walls, Piers, Pillasters A North	15	0	100%	18/Aug/20 A	08/Sep/20 A																								■ Form & Place Foundation Walls, Piers, Pillasters A North
SSC260	Form and Place Footings East & South	10	0	100%	24/Aug/20 A	04/Sep/20 A																								■ Form and Place Footings East & South
SSC250	Form and Place ISO Footings	13	0	100%	25/Aug/20 A	11/Sep/20 A																								■ Form and Place ISO Footings
SSC170	Form & Place Elevator Pit	5	0	100%	01/Sep/20 A	08/Sep/20 A																								■ Form & Place Elevator Pit
SSC270	Form & Place Foundation Walls, Piers, Pillasters S&E	15	0	100%	01/Sep/20 A	22/Sep/20 A																								■ Form & Place Foundation Walls, Piers, Pillasters S&E
SSC210	Foundations ready for CMU & Steel	0	0	100%	25/Sep/20 A																									◆ Foundations ready for CMU & Steel
SSC230	Install CMU Stair Shaft #3	15	0	100%	28/Sep/20 A	07/Oct/20 A																								■ Install CMU Stair Shaft #3
SSC200	Erect Structural Steel	10	0	100%	13/Oct/20 A	26/Oct/20 A																								■ Erect Structural Steel
SSC220	Install Steel Decking & Detailing	10	0	100%	20/Oct/20 A	20/Nov/20 A																								■ Install Steel Decking & Detailing
SSC240	Structural Steel Complete C	0	0	100%		20/Nov/20 A																								◆ Structural Steel Complete C
Slabs C		59	0		27/Aug/20 A	10/Dec/20 A																								
SLC120	Install Underslab MEPs & Inspect	15	0	100%	27/Aug/20 A	16/Sep/20 A																								■ Install Underslab MEPs & Inspect
SLC140	Install Stairway #3	30	0	100%	16/Nov/20 A	03/Dec/20 A																								■ Install Stairway #3
SLC110	Prep & Place Slab on Deck C & Bridge	6	0	100%	24/Nov/20 A	30/Nov/20 A																								■ Prep & Place Slab on Deck C & Bridge
SLC130	Prep & Place Slab on Grade	8	0	100%	01/Dec/20 A	10/Dec/20 A																								■ Prep & Place Slab on Grade
Roofing & Roof Mounted Items C		161	97		23/Nov/20 A	23/Jun/21																								
ROOC100	Roof Blocking/Roof Drains/Mechanical Curbs	5	0	100%	23/Nov/20 A	24/Dec/20 A																								■ Roof Blocking/Roof Drains/Mechanical Curbs
ROOC110	Install Roofing System	25	0	100%	24/Nov/20 A	29/Jan/21 A																								■ Install Roofing System
ROOC120	Install HVAC Roof Top Units	10	10	0%	04/Feb/21	18/Feb/21																								■ Install HVAC Roof Top Units
ROOC130	Install Roof Exhaust Fans	10	10	0%	04/Feb/21	18/Feb/21																								■ Install Roof Exhaust Fans
ROOC150	Install Edge Metal & Sheet Metal Flashing	10	10	0%	10/Jun/21	23/Jun/21																								■ Install Edge Metal & Sheet Metal Flashing
ROOC160	Install Roof Screens	10	10	0%	10/Jun/21	23/Jun/21																								■ Install Roof Screens
Envelope C		133	90		30/Nov/20 A	09/Jun/21																								
EXTC100	Install Exterior Framing & Sheathing	20	0	100%	30/Nov/20 A	15/Jan/21 A																								■ Install Exterior Framing & Sheathing
EXTC180	Weather delays/Steel Inspections C	10	0	100%	28/Dec/20 A	14/Jan/21 A																								■ Weather delays/Steel Inspections C
EXTC110	Install Temporary Weather Protection (for rough in)	10	0	100%	31/Dec/20 A	15/Jan/21 A																								■ Install Temporary Weather Protection (for rough in)
EXTC120	Install Air Vapor Barrier	20	10	50%	12/Jan/21 A	12/Feb/21																								■ Install Air Vapor Barrier
EXTC150	Install Storefronts	20	16	20%	25/Jan/21 A	23/Feb/21																								■ Install Storefronts
EXTC130	Install Masonry Finishes	50	50	0%	16/Feb/21	27/Apr/21																								■ Install Masonry Finishes
EXTC160	Install Windows, Curtainwalls	25	25	0%	22/Feb/21	26/Mar/21																								■ Install Windows, Curtainwalls
EXTC140	Install Soffit Z Girts, Insulation	20	20	0%	28/Apr/21	25/May/21																								■ Install Soffit Z Girts, Insulation
EXTC170	Soffit Panels	10	10	0%	26/May/21	09/Jun/21																								■ Soffit Panels
Rough In		56	36		04/Jan/21 A	23/Mar/21																								
Area B		49	29		04/Jan/21 A	12/Mar/21																								
Gymnasium/Stage		44	24		04/Jan/21 A	05/Mar/21																								
2RG 100	Start Rough In Gym/Stage	0	0	100%	04/Jan/21 A																									◆ Start Rough In Gym/Stage
2RG 120	Frame Interior Partitions	10	0	100%	18/Jan/21 A	29/Jan/21 A																								■ Frame Interior Partitions
2RG 150	Rough-in Fire Protection	10	0	100%	18/Jan/21 A	29/Jan/21 A																								■ Rough-in Fire Protection
2RG 110	Rough-in HVAC Ductwork & Piping	15	10	33.33%	25/Jan/21 A	12/Feb/21																								■ Rough-in HVAC Ductwork & Piping
2RG 140	Rough-in Electrical Power, Lights	10	5	50%	25/Jan/21 A	05/Feb/21																								■ Rough-in Electrical Power, Lights
2RG 180	Rough-in Fire Alarm	10	5	50%	25/Jan/21 A	05/Feb/21																								■ Rough-in Fire Alarm

JANUARY UPDATE SCHEDULE							PHASE 2 & 3 SCHEDULE																									
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							
2RG 190	Rough-in ATCs	10	5	50%	25/Jan/21 A	05/Feb/21																										
2RG 200	Rough-in Tele/data	10	5	50%	25/Jan/21 A	05/Feb/21																										
2RG 130	Rough-in Plumbing	10	8	20%	28/Jan/21 A	10/Feb/21																										
2RG 105	MEP Inspections	3	3	0%	16/Feb/21	18/Feb/21																										
2RG 115	MECH Insulation & Firestopping	5	5	0%	19/Feb/21	25/Feb/21																										
2RG 125	MECH Insulation Inspection	2	2	0%	26/Feb/21	01/Mar/21																										
2RG 135	Building Insulation	4	4	0%	02/Mar/21	05/Mar/21																										
2RG 145	Inwall Inspection	4	4	0%	02/Mar/21	05/Mar/21																										
2RG 170	Complete Rough-in Gym/Stage	0	0	0%		05/Mar/21																										
Kitchen/Cafeteria		39	29		18/Jan/21 A	12/Mar/21																										
2RK 100	Start Rough In Kitchen/Caf	0	0	100%	18/Jan/21 A																											
2RK 110	Rough-in HVAC Ductwork & Piping	10	1	90%	18/Jan/21 A	01/Feb/21																										
2RK 120	Frame Interior Partitions	7	0	100%	18/Jan/21 A	26/Jan/21 A																										
2RK 130	Rough-in Plumbing	15	8	46.67%	20/Jan/21 A	10/Feb/21																										
2RK 150	Rough-in Fire Protection	10	3	70%	20/Jan/21 A	03/Feb/21																										
2RK 140	Rough-in Electrical Power & Lights	11	9	18.18%	27/Jan/21 A	11/Feb/21																										
2RK 180	Rough-in Fire Alarm	10	10	0%	12/Feb/21	26/Feb/21																										
2RK 190	Rough-in ATCs	10	10	0%	12/Feb/21	26/Feb/21																										
2RK 200	Rough-in Tele/data	10	10	0%	12/Feb/21	26/Feb/21																										
2RK 100	MECH Inspections	5	5	0%	12/Feb/21	19/Feb/21																										
2RK 110	MECH Insulation & Firestopping	5	5	0%	22/Feb/21	26/Feb/21																										
2RK 120	MECH Insulation Inspection	5	5	0%	01/Mar/21	05/Mar/21																										
2RK 130	Building Insulation	5	5	0%	08/Mar/21	12/Mar/21																										
2RK 140	Inwall Inspection	5	5	0%	08/Mar/21	12/Mar/21																										
2RK 170	Complete Rough-in Kitchen/Caf	0	0	0%		12/Mar/21																										
Area C		36	36		01/Feb/21	23/Mar/21																										
1st Floor Rough In - Admin & Pre-K		34	34		01/Feb/21	19/Mar/21																										
2R1 100	Start Rough In 1st Floor	0	0	0%	01/Feb/21																											
2R1 110	Rough-in HVAC Ductwork & Piping	20	20	0%	01/Feb/21	01/Mar/21																										
2R1 120	Frame Interior Partitions	15	15	0%	01/Feb/21	22/Feb/21																										
2R1 140	Rough-in Electrical Power, Lights	20	20	0%	08/Feb/21	08/Mar/21																										
2R1 150	Rough-in Fire Protection	10	10	0%	08/Feb/21	22/Feb/21																										
2R1 180	Rough-in Fire Alarm	20	20	0%	08/Feb/21	08/Mar/21																										
2R1 200	Rough-in Tele/data	20	20	0%	08/Feb/21	08/Mar/21																										
2R1 130	Rough-in Plumbing	12	12	0%	16/Feb/21	03/Mar/21																										
2R1 190	Rough-in ATCs	20	20	0%	16/Feb/21	15/Mar/21																										
2R1 100	MEP Inspections	3	3	0%	04/Mar/21	08/Mar/21																										
2R1 110	MECH Insulation & Firestopping	5	5	0%	05/Mar/21	11/Mar/21																										
2R1 120	MECH Insulation Inspection	1	1	0%	12/Mar/21	12/Mar/21																										
2R1 130	Building Insulation	5	5	0%	12/Mar/21	18/Mar/21																										
2R1 140	Inwall Inspection	5	5	0%	15/Mar/21	19/Mar/21																										
2R1 170	Complete Rough-in 1st Floor	0	0	0%		19/Mar/21																										
2nd Floor Rough In - Library, Bridge		31	31		08/Feb/21	23/Mar/21																										
2R2 100	Start Rough In	0	0	0%	08/Feb/21																											
2R2 120	Frame Interior Partitions	8	8	0%	08/Feb/21	18/Feb/21																										
2R2 130	Rough-in Plumbing	5	5	0%	16/Feb/21	22/Feb/21																										
2R2 140	Rough-in Electrical Poer, Lights	12	12	0%	16/Feb/21	03/Mar/21																										
2R2 180	Rough-in Fire Alarm	12	12	0%	16/Feb/21	03/Mar/21																										
2R2 190	Rough-in ATCs	12	12	0%	16/Feb/21	03/Mar/21																										
Start Date: 08/Feb/18			 Summary			 Critical Remaining Work			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.			
Finish Date: 20/Jan/22			 Actual Work			 Actual Milestone																										
Data Date: 31/Jan/21			 Remaining Work			 Milestone																										
Print Date: 27/Jan/21			 Remaining Level of Effort			 Critical Milestone																										
Layout: Owner									Page 8 of 13																							

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