



**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

September 2020

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

# **T A B L E O F C O N T E N T S**

**Section 1 – Project Schedule Update**

- **Project Schedule Update Summary**
- **Important Upcoming Milestones**

**Section 2 – Progress Photos**

**Section 3 – Attachments / Logs**

- **Project Schedule – September Update**
- **4 Week Look Ahead**

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

**SECTION 1 - PROJECT SCHEDULE UPDATE**

**Summary:**

Our attached schedule update has a **data date of 9/30/2020**, 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:**

- TCO has been received from Building department for phase 1 Area A.

**Phase 1 & 2 – Upcoming Critical Path Milestones (per Updated P6 Schedule):**

MILESTONE ACTIVITY	PREV PROJECTED P6 COMPLETION	ACTUAL COMPLETION DATE
Phase 2 Ground Improvements	7/31/20	7/31/20
Phase 2 Foundation Complete	9/25/20	9/25/20
Phase 2 Steel Complete	11/5/20	
Phase 2 Start Exterior Framing	11/10/20	

**September Summary of Phase 1 Progress:**

- Phase 1 Punchlist limited at this point, only items that are waiting on materials.
- Phase 1 RTU Commissioning Scheduled to complete in October. Only remaining commissioning is security to be completed after PR #009 scope completion.
- Phase 2 Foundation are completed.
- Phase 2 Underground plumbing/electrical is 99% complete.
- Phase 2 Underslab preparation is to be completed in early October.
- Phase 2 Steel Fabrication is complete and in route.

**October Look Ahead:**

- Phase 1 commissioning to be completed.
- Phase 2 Stair #3 CMU Shaft to be completed.
- Phase 2 Stair #3 Stairs to be installed.
- Phase 2 Steel Erection & detailing.
- Phase 2 Sanitary, Drainage / Temporary Rain Leader Tie-ins.

**NOTE: For the September schedule update, WTR has re-sequenced the SF window installation to accelerate the schedule and save on winter conditions costs.**

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

**SECTION 2 – PROGRESS PHOTOS**



W.T. Rich Company

Printed on Wed Oct 7, 2020 at 08:31 pm EDT

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



Description

**Taken Date**

2020/09/29 08:56:57

**Uploaded By**

John deBettencourt

**Upload Date**

2020/09/29 08:56:59

**File Name**

[6146B404-EFF9-4EC6-A15A-7E76...](#)



Description

**Taken Date**

2020/09/29 08:54:48

**Uploaded By**

John deBettencourt

**Upload Date**

2020/09/29 08:54:50

**File Name**

[A784E528-A9FC-49FA-8157-5936...](#)



Description

**Taken Date**

2020/09/24 08:46:25

**Uploaded By**

John deBettencourt

**Upload Date**

2020/09/24 08:46:26

**File Name**

[097FFD93-1F79-4DBF-A7AB-E70...](#)



Description

**Taken Date**

2020/09/22 11:25:25

**Uploaded By**

John deBettencourt

**Upload Date**

2020/09/22 11:25:28

**File Name**

[64E6A510-758D-4A97-9E14-D03...](#)



W.T. Rich Company

Printed on Wed Oct 7, 2020 at 08:31 pm EDT

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



Description

**Taken Date**

2020/09/22 11:25:20

**Uploaded By**

John deBettencourt

**Upload Date**

2020/09/22 11:25:22

**File Name**

[B454FCE8-9BFA-4E5E-9547-8465...](#)



Description

**Taken Date**

2020/09/22 11:25:16

**Uploaded By**

John deBettencourt

**Upload Date**

2020/09/22 11:25:20

**File Name**

[BE590220-95D8-4D30-A198-265...](#)



Description

**Taken Date**

2020/09/22 11:24:06

**Uploaded By**

John deBettencourt

**Upload Date**

2020/09/22 11:24:09

**File Name**

[4E112072-0D1E-44C4-A802-E93...](#)



Description

**Taken Date**

2020/09/22 11:19:48

**Uploaded By**

John deBettencourt

**Upload Date**

2020/09/22 11:19:51

**File Name**

[6F259B07-0F4A-4F1C-90C9-30AB...](#)



W.T. Rich Company

Printed on Wed Oct 7, 2020 at 08:31 pm EDT

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



**Description**

**Taken Date**

2020/09/22 11:17:19

**Uploaded By**

John deBettencourt

**Upload Date**

2020/09/22 11:17:53

**File Name**

[25423B4F-D8D0-48D8-9C4D-B7C...](#)



**Description**

**Taken Date**

2020/09/22 11:16:54

**Uploaded By**

John deBettencourt

**Upload Date**

2020/09/22 11:17:18

**File Name**

[B9225519-CC08-4C97-98A8-DCC...](#)



**Description**

**Taken Date**

2020/09/22 11:15:12

**Uploaded By**

John deBettencourt

**Upload Date**

2020/09/22 11:15:17

**File Name**

[3DBB957C-7A74-4C9F-A6E6-CAA...](#)



**Description**

**Taken Date**

2020/09/18 13:07:01

**Uploaded By**

John deBettencourt

**Upload Date**

2020/09/18 13:26:25

**File Name**

[9A97934E-8FE7-4C58-9815-3F11...](#)



W.T. Rich Company

Printed on Wed Oct 7, 2020 at 08:31 pm EDT

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



Description

**Taken Date**

2020/09/18 13:06:06

**Uploaded By**

John deBettencourt

**Upload Date**

2020/09/18 13:13:18

**File Name**

30A1502C-1DB0-4E81-8546-F71F...



Description

**Taken Date**

2020/09/18 12:56:12

**Uploaded By**

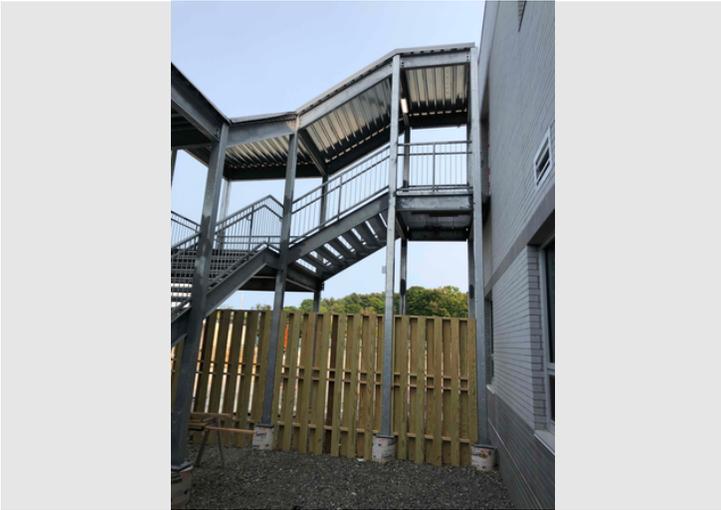
John deBettencourt

**Upload Date**

2020/09/18 13:09:13

**File Name**

7DE4245F-5122-4847-9339-A9BE...



Description

**Taken Date**

2020/09/15 14:59:23

**Uploaded By**

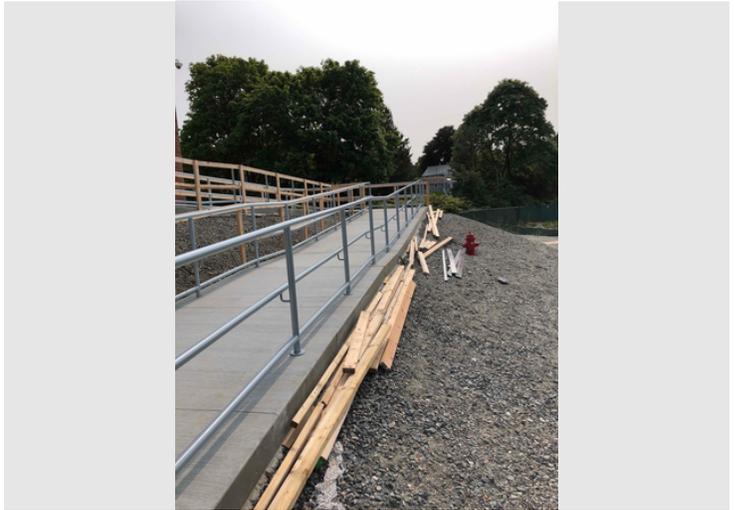
Trishya Patel

**Upload Date**

2020/09/15 14:59:26

**File Name**

4C37634C-C317-49E2-94D2-DBA...



Description

**Taken Date**

2020/09/15 13:35:23

**Uploaded By**

Trishya Patel

**Upload Date**

2020/09/15 13:35:34

**File Name**

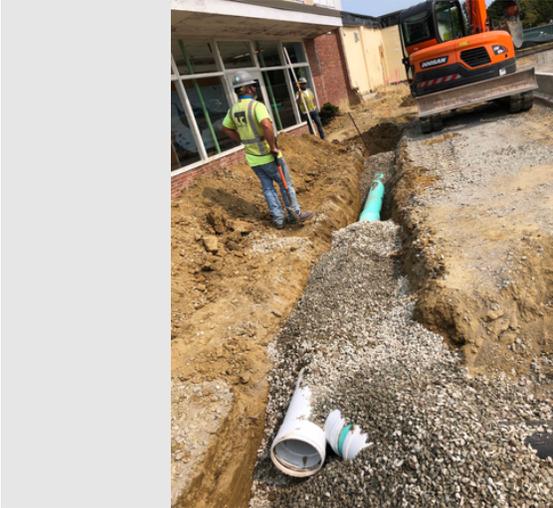
98CF2589-4375-4F0C-941F-74B3...



W.T. Rich Company

Printed on Wed Oct 7, 2020 at 08:31 pm EDT

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



Description

**Taken Date**

2020/09/15 13:03:32

**Uploaded By**

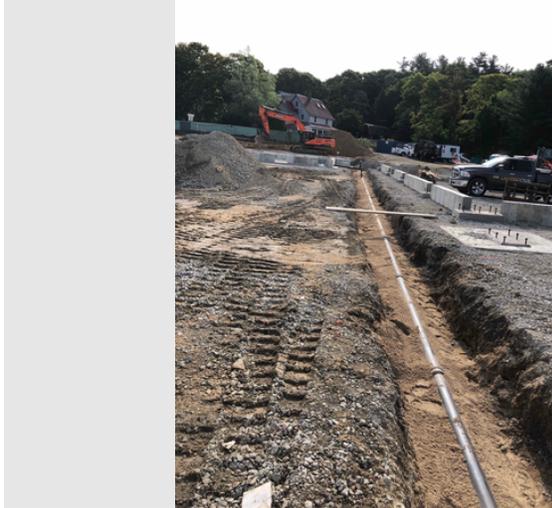
Trishya Patel

**Upload Date**

2020/09/15 13:03:37

**File Name**

[23A6E58C-AB14-4F03-A6DC-E78...](#)



Description

**Taken Date**

2020/09/14 09:29:44

**Uploaded By**

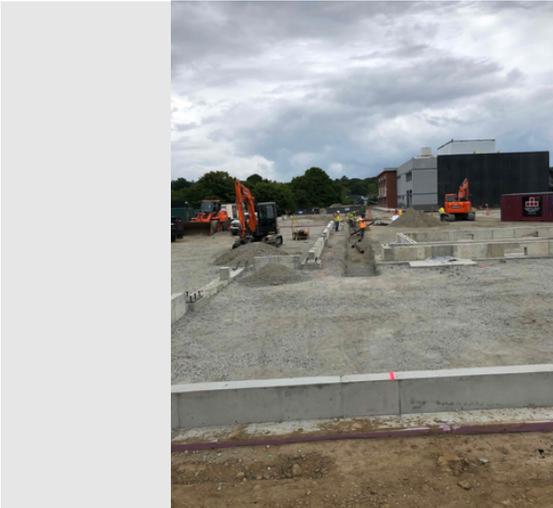
Trishya Patel

**Upload Date**

2020/09/14 09:32:12

**File Name**

[B0E641D2-B7A0-4FDD-95D9-593...](#)



Description

**Taken Date**

2020/09/10 14:35:02

**Uploaded By**

Trishya Patel

**Upload Date**

2020/09/10 14:35:05

**File Name**

[A1197B0A-A762-4D5A-95CA-0B8...](#)



Description

**Taken Date**

2020/09/04 14:12:38

**Uploaded By**

Trishya Patel

**Upload Date**

2020/09/04 14:12:42

**File Name**

[C2B59E78-D9C7-4389-B308-D3F...](#)



W.T. Rich Company

Printed on Wed Oct 7, 2020 at 08:31 pm EDT

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



Description

**Taken Date**

2020/09/04 13:54:31

**Uploaded By**

Alex Corbett

**Upload Date**

2020/09/04 14:14:13

**File Name**

920FBA1E-855B-46BA-A618-DA3...



Description

**Taken Date**

2020/09/03 13:11:32

**Uploaded By**

Trishya Patel

**Upload Date**

2020/09/03 13:11:36

**File Name**

0842042B-3D4C-4256-98D7-0F7...



Description

**Taken Date**

2020/09/03 13:10:41

**Uploaded By**

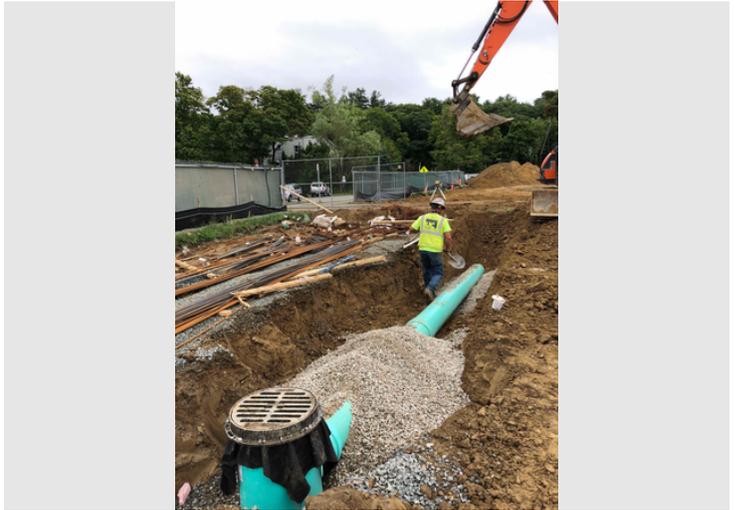
Trishya Patel

**Upload Date**

2020/09/03 13:10:48

**File Name**

BF756D2B-7827-426F-AB90-FF3C...



Description

**Taken Date**

2020/09/03 13:09:04

**Uploaded By**

Trishya Patel

**Upload Date**

2020/09/03 13:09:09

**File Name**

FDF641E7-7136-4844-81B5-05BB...



W.T. Rich Company

Printed on Wed Oct 7, 2020 at 08:31 pm EDT

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



Description

**Taken Date**

2020/09/03 11:31:01

**Uploaded By**

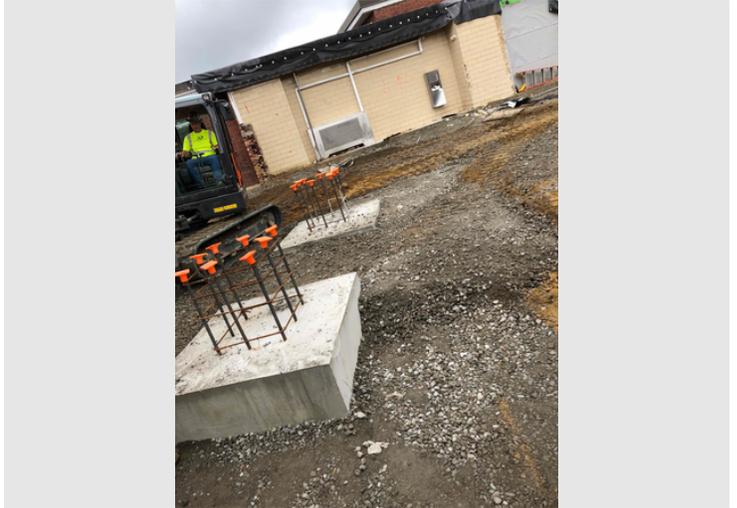
Trishya Patel

**Upload Date**

2020/09/03 11:38:05

**File Name**

[8A80F061-6396-45E5-BE61-1268...](#)



Description

**Taken Date**

2020/09/03 09:18:59

**Uploaded By**

Trishya Patel

**Upload Date**

2020/09/03 09:19:06

**File Name**

[6815B933-F21C-40DB-A0A3-E1F...](#)



Description

**Taken Date**

2020/09/01 14:25:00

**Uploaded By**

Trishya Patel

**Upload Date**

2020/09/01 14:25:08

**File Name**

[A5621888-4BBC-4C1F-A149-52EF...](#)



Description

**Taken Date**

2020/09/01 14:24:44

**Uploaded By**

Trishya Patel

**Upload Date**

2020/09/01 14:24:58

**File Name**

[A3B0B98C-EF6D-4277-9722-A6A...](#)



W.T. Rich Company

Printed on Wed Oct 7, 2020 at 08:31 pm EDT

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



Description

**Taken Date**

2020/09/01 13:59:38

**Uploaded By**

Trishya Patel

**Upload Date**

2020/09/01 13:59:40

**File Name**

[9C075E50-672A-47D5-BE2D-E9D...](#)



Description

**Taken Date**

2020/09/01 13:59:26

**Uploaded By**

Trishya Patel

**Upload Date**

2020/09/01 13:59:29

**File Name**

[9B810003-8542-43D2-9924-5A8...](#)



Description

**Taken Date**

2020/09/01 13:59:10

**Uploaded By**

Trishya Patel

**Upload Date**

2020/09/01 13:59:13

**File Name**

[02D608DF-8E72-416B-A29D-1BB...](#)



Description

**Taken Date**

2020/09/01 07:55:50

**Uploaded By**

Trishya Patel

**Upload Date**

2020/09/01 07:55:55

**File Name**

[2964194D-C71F-49BF-A541-5DF...](#)

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

**SECTION 3 – ATTACHMENTS**



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

Milestone/Activity Description	Responsibility	First Delivery	Initial Inspection	Start Date	End Date	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	
						10/5	10/6	10/7	10/8	10/9	10/10	10/11	10/12	10/13	10/14	10/15	10/16	10/17	10/18	10/19	10/20	10/21	10/22	10/23	10/24	10/25	
<b>UPCOMING MILESTONES / GENERAL</b>																											
<b>Building Interior - Punchlist</b>																											
<b>E. Amanti &amp; Sons HVAC</b>																											
Complete Arch Punch list (buffer tank PCO insulation)	TP			Complete	10/17/20																						
<b>Manganaro</b>																											
Supply Kiln	JDB			10/17/20	10/17/20																						
Complete Arch Punch list (AWP's)	TP			10/17/20	10/17/20																						
<b>TCI</b>																											
Complete Arch Punch list	TP			TBC																							
<b>Noreaster</b>																											
Complete Arch Punch list/Back Punch	TP			07/13/20																							
<b>MMES Team</b>																											
JCJ Back Punch	JDB			08/05/20	TBD	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
<b>Building Exterior &amp; Punchlist</b>																											
<b>MMES Team</b>																											
JCJ exterior Punch List	JDB			TBD	10/19/20																						
Complete Arch Punch list	TP			08/31/20	TBD	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
<b>Stanley</b>																											
Complete Arch Punch list (Finish Eyebrows)	TP			10/08/20	10/09/20				X	X																	
<b>A&amp;A Windows</b>																											
Complete Arch Punch list	TP	Scheduled		10/12/20	10/12/20								X														
<b>Northshore Steel</b>																											
Complete Arch Punch list	TP			10/08/20	10/14/20				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
<b>The Waterproofing Co</b>																											
Exterior Punch list	TP			10/13/20	10/16/20								X	X	X	X	X	X	X	X	X	X	X	X	X		
Caulk Sidewalk & Ramp	TP			10/13/20	10/16/20								X	X	X	X	X	X	X	X	X	X	X	X	X		
<b>Roof Screen Install (WTR)</b>																											
Install Roof Screens	BA/JDB	Completed	Scheduled	08/10/20	10/30/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Roofing Inspection	JDB/AC			Complete	Complete																						
<b>MMES Team</b>																											
JCJ Punchlist	JDB			07/16/20	TBD	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
<b>Phase 2</b>																											
<b>Annese Electric</b>																											
Installation of Underground Conduct	KN			09/08/20	10/16/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Temporary Power & Lighting	KN			09/14/20	11/30/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Rough Electrical Stair #3				09/16/20	10/06/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Underground Inspection - C Building				Complete	Complete																						
Underground Inspection - B Building				09/30/20	10/15/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
<b>E. Amanti &amp; Sons Plumbing</b>																											
Underground Piping	KN	Scheduled		08/10/20	10/09/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Piping for Roof Dains/CCD 002	KN			Complete	Complete																						
Installation of Grease Tank	KN			10/06/20	10/06/20		X																				
Installation of Kitchen Underground	KN			09/15/20	10/16/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Temporary Heat Projected	KN			12/15/20																							
Installation Roof Rain Leaders	KN			11/02/20	11/30/20																						
<b>United Civil</b>																											
Back Fill Foundations	JDB	Scheduled	Scheduled	Complete	Complete																						
Prep slab on Grade - C Building	JDB			10/19/20	10/30/20															X	X	X	X	X	X		
Prep slab on Grade - B Building	JDB			10/26/20	11/10/20																						
Installation of Site Drainage	JDB			09/15/20	10/05/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Installation Grease Tank	JDB			10/05/20	10/09/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Final Grade Slab on Grade	JDB			11/02/20	11/06/20																						
<b>North Shore Steel</b>																											
Installation Stair #3	JDB			10/08/20	10/13/20				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		



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

Updated: 10/8/2020

Milestone/Activity Description	Responsibility	First Delivery	Initial Inspection	Start Date	End Date	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	
						10/5	10/6	10/7	10/8	10/9	10/10	10/11	10/12	10/13	10/14	10/15	10/16	10/17	10/18	10/19	10/20	10/21	10/22	10/23	10/24	10/25	
<b>Marmemo Brothers Inc.</b>																											
CMU at Stair 3	JDB			09/14/20	10/07/20																						
<b>Stellar Steel</b>																											
Erect Steel	TP/JDB/BA	Scheduled	Scheduled	10/13/20	10/21/20																						
Detailing Steel	TP/JDB/BA	Scheduled	Scheduled	10/19/20	11/06/20																						
Survey Anchor Bolts	TP/AC/BP			Complete	Complete																						
<b>The Waterproofing Co</b>																											
Installation VB Projected	JDB			11/30/20	TBD																						
<b>JLM</b>																											
Slab on Grade	JDB			11/09/20	11/17/20																						
Slab on Deck	JDB			11/05/20	11/09/20																						
Slab on Roof	JDB			11/05/20	11/17/20																						
Installation W1 Piers & Complete Anchor Bolts / Hold Submittal	JDB			09/22/20	09/25/20																						
<b>A&amp;A Windows</b>																											
Installation SF North Elevation C Building	JDB																										
Installation SF North Elevation B Building	JDB																										
Installation SF South & West Elevation C Building	JDB																										
Installation SF South Elevation B Building	JDB																										
<b>Manganaro</b>																											
Exterior Framing & Dense Glass Starting C Building	JDB			11/23/20	TBD																						
Roof Edge Framing Starting C Building	JDB			11/26/20	TBD																						
Window Blocking Starting C Building	JDB			11/16/20	TBD																						
<b>Stanley Roofing</b>																											
Install Roof C Building Projected	JDB			11/09/20	11/30/20																						
Install Roof B Building Projected	JDB			11/16/20	11/30/20																						
<b>WTR</b>																											
Survey For Control	JDB			11/23/20																							
<b>Quality Control</b>																											
Preinstallation Meetings Steel Phase-II	JTC/WTR	Scheduled	Completed	08/26/20																							
First Delivery Inspections	WTR			07/15/20	06/30/21																						
Bottom of footing inspection	JTC / WTR	Scheduled		Complete	Complete																						
FF - FL Test SOG				11/18/20																							
Concrete Depressed Slab	JTC / WTR	Scheduled		07/13/20	12/15/20																						
Rebar	JTC / WTR	Scheduled		07/13/20	12/10/20																						
<b>Mock-Ups</b>																											
<b>Sub-Contractor Meeting</b>																											
Subcontractor Meetings - Every Thursday AM @ 8:00AM																											
<b>Inspections &amp; Commissioning (Phase 1)</b>																											
Boilers	KN		Completed	09/28/20	09/28/20																						
Exhaust Fans	KN		Completed	09/28/20	09/28/20																						
Hot water System	KN		Completed	07/27/20	09/28/20																						
Building Flush out	KN			08/21/20	10/15/20																						
Security (PCO Relocste S 2)	KN			Need approval																							
Owner Training	KN/AC			07/28/20																							
RTU's	KN			09/28/20																							
Steel Inspection Welding Bolts																											
<b>Safety</b>																											
Orientations - On Going as Needed with New Hires	TP																										
COVID-19 pre entry & Spray																											
CORI Check- On Going as Needed with New Hires	TP																										
ConstructSecure Safety Inspections (min 1 per Week)																											
<b>School</b>																											
Teachers working in classroom				08/31/20	TBD																						
No School				10/12/20																							
No School				11/11/20																							
No School				11/27/20																							
No School				12/24/20	01/01/21																						
Students in Class				TBD	TBD																						
Blackout period of Building				7:30:00 AM	8:30:00 AM																						
Blackout period of Building				2:30:00 PM	3:30:00 PM																						
E.A.S - Access A Building tie in gas piping to B building				11/11/2020																							
Topping off Beam Signing																											
Topping off Cerimonies																											

September Update Schedule

Manchester Memorial Elementary School

Activity ID	Activity Name	Act% Comp	Orig Dur	Rem Dur	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	
<b>Manchester Memorial Elementary School</b>																														
<b>PCOs</b>																														
<b>Design and Preconstruction</b>																														
<b>Permits</b>																														
<b>Submittal Packages</b>																														
<b>MEP Coordination</b>																														
<b>Construction</b>																														
<b>Phase 1 - New Classroom Wing Area A</b>																														
<b>Mobilization</b>																														
<b>Site Utilities</b>																														
<b>Demolition - Southwest Wing</b>																														
<b>Superstructure</b>																														
<b>Slabs</b>																														
<b>Stairs</b>																														
<b>Envelope</b>																														
<b>Roofing &amp; Roof Mounted Items</b>																														
1EX 120	Install Roofing System	100%	15	0	15/Dec/19 A	30/Dec/19 A	Install Roofing System																							
1EX 190	Roof Blocking/Roof Drains/Mechanical Curbs/Roof Hatch	100%	5	0	31/Dec/19 A	31/Jan/20 A	Roof Blocking/Roof Drains/Mechanical Curbs/Roof Hatch																							
1EX 170	Install HVAC Roof Top Units	100%	10	0	24/Mar/20 A	21/May/20 A	Install HVAC Roof Top Units																							
1EX 200	Install Edge Metal & Sheet Metal Flashing, Roof Screens	0%	20	23	16/Jun/20 A	30/Oct/20	Install Edge Metal & Sheet Metal Flashing, Roof Screens																							
<b>Rough In</b>																														
<b>Finishes</b>																														
<b>Elevator</b>																														
<b>Mechanical Room</b>																														
<b>Electrical Rooms</b>																														
<b>West Wing Site Finishes</b>																														
<b>WTR Work List, Cleaning, Punchlists</b>																														
<b>Phase 1 - Testing, Inspections, TCO, Substantial Completion</b>																														
<b>Phase 1 - FFE / Ready for Start of School</b>																														
FFE 100	Ready for FFE	100%	0	0		31/Jul/20 A	Ready for FFE																							
FFE 110	FFE by others	100%	10	0	03/Aug/20 A	14/Aug/20 A	FFE by others																							
SC11130	Hot Water System Balancing	88.89%	36	4	31/Aug/20 A	05/Oct/20	Hot Water System Balancing																							
FFE 120	READY FOR START OF SCHOOL 2020	100%	0	0		31/Aug/20 A	READY FOR START OF SCHOOL 2020																							
<b>Phase 2 - Remainder of New Building Areas B&amp;C</b>																														
<b>Demolition - Central &amp; Southeast Wings</b>																														
2DEM 230	Mobilize Phase 2 - End of School 2020/Central & SE Wings Vacated	100%	0	0	01/Jun/20 A		Mobilize Phase 2 - End of School 2020/Central & SE Wings Vacated																							
2DEM 240	Cut, Cap, Make-Safe/Selective Demolition	100%	1	0	01/Jun/20 A	01/Jun/20 A	Cut, Cap, Make-Safe/Selective Demolition																							
2DEM 250	Set Up Containment	100%	2	0	01/Jun/20 A	02/Jun/20 A	Set Up Containment																							
2DEM 210	Conduct Abatement/Air Clearance/Break down Containment	100%	5	0	03/Jun/20 A	09/Jun/20 A	Conduct Abatement/Air Clearance/Break down Containment																							
2DEM 220	Demolish and Remove Building & Foundation - Backfill. Rough Grade	100%	15	0	10/Jun/20 A	10/Jul/20 A	Demolish and Remove Building & Foundation - Backfill. Rough Grade																							
2DEM 260	Install temporary Structural Supports	100%	2	0	29/Jun/20 A	01/Jul/20 A	Install temporary Structural Supports																							
<b>Phase 2 Submittals</b>																														
<b>042613 - Phase 2 CMU (Stair &amp; Elevator Shaft)</b>																														
SM04 1090	Prepare and Submit Package CMU	100%	20	0	03/Sep/19 A	30/Sep/19 A	Prepare and Submit Package CMU																							

- Summary
- Remaining Work
- Critical Remaining Work
- Milestone
- Critical Milestone



September Update Schedule

Manchester Memorial Elementary School

Activity ID	Activity Name	Act% Comp	Orig Dur	Rem Dur	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	
<b>066400 - Plastic Paneling</b>							149	128	31/Aug/20 A	01/Apr/21																				
SM 6 1250	Prepare and Submit Package FRP Paneling	100%	20	0	31/Aug/20 A	28/Sep/20 A	Prepare and Submit Package FRP Paneling																							
SM 6 1260	Review and Approve Package FRP Paneling	10%	20	18	29/Sep/20 A	23/Oct/20	Review and Approve Package FRP Paneling																							
SM 6 1270	Fabricate and Deliver FRP Paneling Phase 2	0%	110	110	26/Oct/20	01/Apr/21	Fabricate and Deliver FRP Paneling Phase 2																							
<b>074213-Formed PVC Roof Screens</b>							75	0	17/Mar/20 A	31/Jul/20 A																				
SM 7 1100	Prepare and Submit Package PVC Roof Screens	100%	10	0	17/Mar/20 A	30/Mar/20 A	Prepare and Submit Package PVC Roof Screens																							
SM 7 1310	Review and Approve Package PVC Roof Screens	100%	15	0	31/Mar/20 A	20/Apr/20 A	Review and Approve Package PVC Roof Screens																							
SM 7 1490	Fabricate and Deliver PVC Roof Screens Phase 2	100%	50	0	21/Apr/20 A	31/Jul/20 A	Fabricate and Deliver PVC Roof Screens Phase 2																							
<b>079500 - Expansion Control</b>							84	42	31/Jul/20 A	30/Nov/20																				
SM 7 1710	Prepare and Submit Package Expansion Control	0%	10	12	31/Jul/20 A	15/Oct/20	Prepare and Submit Package Expansion Control																							
SM 7 1720	Review and Approve Package Expansion Control	0%	15	15	16/Oct/20	05/Nov/20	Review and Approve Package Expansion Control																							
SM 7 1730	Fabricate and Deliver Expansion Control Phase 2	0%	15	15	06/Nov/20	30/Nov/20	Fabricate and Deliver Expansion Control Phase 2																							
<b>083323 - Coiling Doors</b>							191	149	31/Jul/20 A	30/Apr/21																				
SM8 1000	Prepare and Submit Package Overhead Coiling Doors	100%	20	0	31/Jul/20 A	21/Sep/20 A	Prepare and Submit Package Overhead Coiling Doors																							
SM8 1010	Review and Approve Package Overhead Coiling Doors	33.33%	15	10	22/Sep/20 A	13/Oct/20	Review and Approve Package Overhead Coiling Doors																							
SM8 1020	Fabricate and Deliver Coiling Doors Phase 2	0%	139	139	14/Oct/20	30/Apr/21	Fabricate and Deliver Coiling Doors Phase 2																							
<b>084113 Phase 2 Storefront Windows</b>							114	52	03/Sep/19 A	14/Dec/20																				
SM 8 1390	Prepare and Submit Package Storefront Windows	100%	25	0	03/Sep/19 A	18/Sep/19 A	Prepare and Submit Package Storefront Windows																							
SM 8 1400	Review and Approve Package Storefront Windows	100%	25	0	19/Sep/19 A	02/Oct/19 A	Review and Approve Package Storefront Windows																							
SM 8 1410	Fabricate and Deliver Storefront Windows Frames	35%	80	52	21/Oct/19 A	14/Dec/20	Fabricate and Deliver Storefront Windows Frames																							
<b>084413 Phase 2 Glazed Aluminum Curtain Walls</b>							379	105	15/Aug/19 A	01/Mar/21																				
SM 8 1420	Prepare and Submit Aluminum Curtain Wall Package	100%	25	0	15/Aug/19 A	25/Sep/19 A	Prepare and Submit Aluminum Curtain Wall Package																							
SM 8 1430	Review and Approve Curtain Wall Package	100%	20	0	08/Oct/19 A	07/Jan/20 A	Review and Approve Curtain Wall Package																							
SM 8 1440	Fabricate and Deliver Curtain Wall	63.92%	291	105	08/Jan/20 A	01/Mar/21	Fabricate and Deliver Curtain Wall																							
<b>084113 Phase 2 Interior Storefront</b>							146	104	31/Jul/20 A	26/Feb/21																				
SM 8 1360	Prepare and Submit Package Interior Storefronts	100%	20	0	31/Jul/20 A	27/Aug/20 A	Prepare and Submit Package Interior Storefronts																							
SM 8 1370	Review and Approve Package Interior Storefronts	92%	25	2	28/Aug/20 A	01/Oct/20	Review and Approve Package Interior Storefronts																							
SM 8 1380	Fabricate and Deliver Interior Storefront Frames Phase 2	0%	102	102	02/Oct/20	26/Feb/21	Fabricate and Deliver Interior Storefront Frames Phase 2																							
<b>088113 Decorative Glass Glazing</b>							131	146	22/Oct/19 A	27/Apr/21																				
SM8 1060	Prepare and Submit Package Interior Glazing	100%	25	0	22/Oct/19 A	06/Feb/20 A	Prepare and Submit Package Interior Glazing																							
SM8 1070	Review and Approve Package Interior Glazing	100%	15	0	03/Feb/20 A	24/Feb/20 A	Review and Approve Package Interior Glazing																							
SM8 1080	Fabricate and Deliver Decorative Glazing	0%	45	146	25/Feb/20 A	27/Apr/21	Fabricate and Deliver Decorative Glazing																							
<b>088700 Window Film</b>							121	128	22/Oct/19 A	01/Apr/21																				
SM 8 1050	Prepare and Submit Package Exterior Glazing	100%	25	0	22/Oct/19 A	05/Dec/19 A	Prepare and Submit Package Exterior Glazing																							
SM 8 1150	Review and Approve Package Exterior Glazing	100%	25	0	06/Dec/19 A	07/Feb/20 A	Review and Approve Package Exterior Glazing																							
SM 8 1260	Fabricate and Deliver Window Film	0%	45	128	10/Feb/20 A	01/Apr/21	Fabricate and Deliver Window Film																							
<b>096466 Wood Athletic Flooring</b>							321	130	31/Dec/19 A	05/Apr/21																				
SM9 1060	Prepare and Submit Wood Athletic Floor Package	100%	20	0	31/Dec/19 A	28/Jan/20 A	Prepare and Submit Wood Athletic Floor Package																							
SM9 1070	Review and Approve Wood Athletic Floor Package	40%	25	15	28/Jan/20 A	20/Oct/20	Review and Approve Wood Athletic Floor Package																							
SM9 1080	Fabricate and Deliver Wood Athletic Floor Phase 2	0%	115	115	21/Oct/20	05/Apr/21	Fabricate and Deliver Wood Athletic Floor Phase 2																							
<b>096566 Resilient Athletic Flooring</b>							363	124	22/Oct/19 A	26/Mar/21																				
SM9 1120	Prepare and Submit Resilient Athletic Floor Package	40%	25	15	22/Oct/19 A	20/Oct/20	Prepare and Submit Resilient Athletic Floor Package																							
SM9 1130	Review and Approve Resilient Athletic Package	0%	25	25	21/Oct/20	24/Nov/20	Review and Approve Resilient Athletic Package																							
SM9 1140	Fabricate and Deliver Resilient Athletic Phase 2	0%	84	84	25/Nov/20	26/Mar/21	Fabricate and Deliver Resilient Athletic Phase 2																							

- Summary
- Remaining Work
- Critical Remaining Work
- Milestone
- Critical Milestone

September Update Schedule

Manchester Memorial Elementary School

Activity ID	Activity Name	Act% Comp	Orig Dur	Rem Dur	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	
<b>097200 Wall Coverings</b>							315	158	19/Feb/20 A	13/May/21																				
SM 9 1450	Prepare and Submit Package Wall Coverings	100%	1	0	19/Feb/20 A	19/Feb/20 A	Prepare and Submit Package Wall Coverings																							
SM 9 1460	Review and Approve Package Wall Coverings	0%	15	15	20/Feb/20 A	20/Oct/20	Review and Approve Package Wall Coverings																							
SM 9 1470	Fabricate and Deliver Wall Coverings Phase 2	0%	143	143	21/Oct/20	13/May/21	Fabricate and Deliver Wall Coverings Phase 2																							
<b>098433 Sound Absorbing Wall Units</b>							118	118	30/Sep/20	18/Mar/21																				
SM9 1090	Prepare and Submit Package Sound Absorbing Panels	0%	15	15	30/Sep/20	20/Oct/20	Prepare and Submit Package Sound Absorbing Panels																							
SM9 1100	Review and Approve Package Sound Absorbing Panels	0%	15	15	21/Oct/20	10/Nov/20	Review and Approve Package Sound Absorbing Panels																							
SM9 1110	Fabricate and Deliver Sound Absorbing Panels Phase 2	0%	88	88	11/Nov/20	18/Mar/21	Fabricate and Deliver Sound Absorbing Panels Phase 2																							
<b>098436 Sound Absorbing Ceiling Units</b>							118	118	30/Sep/20	18/Mar/21																				
SM9 1150	Prepare and Submit Package Sound Absorbing Panels	0%	15	15	30/Sep/20	20/Oct/20	Prepare and Submit Package Sound Absorbing Panels																							
SM9 1160	Review and Approve Package Sound Absorbing Panels	0%	15	15	21/Oct/20	10/Nov/20	Review and Approve Package Sound Absorbing Panels																							
SM9 1170	Fabricate and Deliver Sound Absorbing Panels Phase 2	0%	88	88	11/Nov/20	18/Mar/21	Fabricate and Deliver Sound Absorbing Panels Phase 2																							
<b>101453 Traffic Signage</b>							70	70	30/Sep/20	11/Jan/21																				
SM10 1000	Prepare and Submit Package Traffic Signage	0%	10	10	30/Sep/20	13/Oct/20	Prepare and Submit Package Traffic Signage																							
SM10 1010	Review and Approve Package Traffic Signage	0%	10	10	14/Oct/20	27/Oct/20	Review and Approve Package Traffic Signage																							
SM10 1020	Fabricate and Deliver Traffic Signage Phase 3	0%	50	50	28/Oct/20	11/Jan/21	Fabricate and Deliver Traffic Signage Phase 3																							
<b>102123 Cubicles</b>							71	139	31/Dec/19 A	16/Apr/21																				
SM10 1030	Prepare and Submit Package Cubicle Curtains	100%	25	0	31/Dec/19 A	05/Feb/20 A	Prepare and Submit Package Cubicle Curtains																							
SM10 1040	Review and Approve Package Cubicle Curtains	100%	15	0	06/Feb/20 A	27/Feb/20 A	Review and Approve Package Cubicle Curtains																							
SM10 1050	Fabricate and Deliver Cubicle Curtains	0%	20	139	27/Feb/20 A	16/Apr/21	Fabricate and Deliver Cubicle Curtains																							
<b>102239 Folding Panel Partitions</b>							292	74	31/Dec/19 A	23/Feb/21																				
SM10 1090	Prepare and Submit Package Folding Panel Partitions	100%	25	0	31/Dec/19 A	05/Feb/20 A	Prepare and Submit Package Folding Panel Partitions																							
SM10 1100	Review and Approve Package Folding Panel Partitions	100%	5	0	03/Feb/20 A	07/Feb/20 A	Review and Approve Package Folding Panel Partitions																							
SM10 1120	Field Measure for Folding Panel Partition Phase 2	0%	24	24	06/Nov/20	11/Dec/20	Field Measure for Folding Panel Partition Phase 2																							
SM10 1110	Fabricate and Deliver Folding Panel Partitions	0%	50	50	14/Dec/20	23/Feb/21	Fabricate and Deliver Folding Panel Partitions																							
<b>105113 Lockers</b>							101	145	31/Dec/19 A	26/Apr/21																				
SM 10 170	Prepare and Submit Package Lockers	100%	15	0	31/Dec/19 A	05/Feb/20 A	Prepare and Submit Package Lockers																							
SM 10 180	Review and Approve Package Lockers	100%	15	0	06/Feb/20 A	27/Feb/20 A	Review and Approve Package Lockers																							
SM 10 260	Fabricate and Deliver Metal Lockers Phase 2	0%	60	145	28/Feb/20 A	26/Apr/21	Fabricate and Deliver Metal Lockers Phase 2																							
<b>114000 - Food Service Equipment</b>							269	145	02/Apr/20 A	26/Apr/21																				
SM11 1000	Prepare and Submit Package Food Service Equipment	100%	25	0	02/Apr/20 A	03/Apr/20 A	Prepare and Submit Package Food Service Equipment																							
SM11 1010	Review and Approve Package Food Service Equipment	100%	25	0	06/Apr/20 A	12/Jun/20 A	Review and Approve Package Food Service Equipment																							
SM11 1020	Fabricate and Deliver Food Service Equipment Phase 2	34.09%	220	145	15/Jun/20 A	26/Apr/21	Fabricate and Deliver Food Service Equipment Phase 2																							
<b>115213 Projection Screens</b>							319	128	31/Dec/19 A	01/Apr/21																				
SM 11 100	Prepare and Submit Package Proj Screens	88%	25	3	31/Dec/19 A	02/Oct/20	Prepare and Submit Package Proj Screens																							
SM 11 110	Review and Approve Package Proj Screens	0%	25	25	05/Oct/20	06/Nov/20	Review and Approve Package Proj Screens																							
SM 11 120	Fabricate and Deliver Projection Screens Phase 2	0%	100	100	09/Nov/20	01/Apr/21	Fabricate and Deliver Projection Screens Phase 2																							
<b>115700 - Misc Equipment</b>							147	40	31/Dec/19 A	24/Nov/20																				
SM11 1060	Prepare and Submit Package Misc Equipment	100%	15	0	31/Dec/19 A	04/Feb/20 A	Prepare and Submit Package Misc Equipment																							
SM11 1070	Review and Approve Package Misc Equipment	100%	16	0	05/Feb/20 A	01/Jun/20 A	Review and Approve Package Misc Equipment																							
SM11 1080	Fabricate and Deliver Misc Phase 2	0%	40	40	02/Jun/20 A	24/Nov/20	Fabricate and Deliver Misc Phase 2																							
<b>116143 - Platform Curtains</b>							128	128	30/Sep/20	01/Apr/21																				
SM11 1090	Prepare and Submit Package Platform Curtains	0%	4	4	30/Sep/20	05/Oct/20	Prepare and Submit Package Platform Curtains																							
SM11 1100	Review and Approve Package Platform Curtains	0%	25	25	06/Oct/20	09/Nov/20	Review and Approve Package Platform Curtains																							

- Summary
- Remaining Work
- Critical Remaining Work
- Milestone
- Critical Milestone





















