



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

April 2020

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

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

SECTION 2 - PROJECT SCHEDULE UPDATE

Summary:

Our attached schedule update has a **data date of 4/20/2020**, 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:

- Local AHJ required to review phase 2 proposed layout and logistics for occupancy.
- DOT permit for Verizon manhole tie-in at summer street.

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

MILESTONE ACTIVITY	PROJECTED P6 COMPLETION	ACTUAL COMPLETION DATE
AVB Complete	3/16/20	3/16/20
Masonry Veneer Complete	5/15/20	
2 nd Floor Rough-in	3/18/20	2/28/20
1 st Floor Rough-in	3/24/20	3/24/20
2 nd Floor Finishes for WTR WTC list	7/6/20	
1st Floor Finishes for WTR WTC list	7/20/20	
Startups and Pretesting	6/19/20	

April Summary of Progress:

- Experienced delays related to NGrid Gas work order, NGrid Electrical work order, and COVID-19 related impact to carpentry, taping, and glazing activities.
- Phase wall roofing complete, Phase 1 masonry approximately 80% complete, soffit z-girts and panels completed.
- Installed SF on North Elevation.
- Second Floor
 - Completed most of the drywall, taping, and finishing of soffits (ready for firestopping inspection).
 - Completed classroom paint and ceiling grid.
 - Installed hallway ceramic tile.
 - Completed first delivery of millwork and started mockup for classroom finishes.
- First Floor
 - Schedule following the second floor.
 - Hallways taped, finished and painting on going.
 - Classroom ceiling ACT started.

May Look Ahead:

- Scuppers to be cut in and flashed. Field measure for edge metal.
- Anticipating completing 80% of SF/CW to move forward with interior finishes.
- Anticipated schedule is to start temporary stairs at north elevation, west stairs and ramp, and grade for sidewalks at door openings.
- Anticipating permanent power and gas to complete work orders by dates shown on schedule.
- Anticipating RTU startups after the building gets permanent power. Boiler Startups dependent on gas work order completion.
- Anticipating elevator installation start, hoistway and cab finishes.
- Second Floor
 - Intended schedule is to start millwork, other classroom and hallway finishes.
 - Intended to continue with bathroom ceiling, wall and floor finishes.
 - Intended schedule is to proceed with devicing, drops, etc.
 - Pushing server room set up for early school move.
- First Floor
 - Intended schedule is to complete tape, finish, and paint of all walls and hard ceilings.
 - Intended schedule is to complete ACT Grid.
 - Intended schedule is to start millwork and other classroom finishes.

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

SECTION 2 – PROGRESS PHOTOS

APRIL 2020 SCHEDULE

Project Controls SCHEDULE

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			Milestones				
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		Q4			
Manchester Memorial Elementary School		1005	449		08/Feb/18 A	26/Jan/22																											
PCOs		76	20		31/Dec/19 A	15/May/20																											
PCO 8014	PCO 8014 Ground Improvements Stair #1 Egress Structures	30	0	100%	31/Dec/19 A	25/Feb/20 A																											PCO 8014 Ground Improvements Stair #1 Egress Structures
PCO -140	NGrid Gas - additional Engineering issues	30	20	33.33%	02/Mar/20 A	15/May/20																											NGrid Gas - additional Engineering issues
PCO 8064	NGrid ELeetric - Additional Handholes PCO 8064	30	7	76.67%	09/Mar/20 A	28/Apr/20																											NGrid ELeetric - Additional Handholes PCO 8064
CV19 Emergency Spring 2020		67	40		24/Mar/20 A	15/Jun/20																											
PCO 8051	Massachusetts COVID19 Order No. 13	11	0	100%	24/Mar/20 A	07/Apr/20 A																											Massachusetts COVID19 Order No. 13
CV19-120	Tapers & Glazers Union Shut Down	16	6	62.5%	06/Apr/20 A	27/Apr/20																											Tapers & Glazers Union Shut Down
CV19-130	Carpenters Union Shut Down	16	2	87.5%	06/Apr/20 A	21/Apr/20																											Carpenters Union Shut Down
CV19-140	Wood Doors - Plant Delay	40	40	0%	07/Apr/20 A	15/Jun/20																											Wood Doors - Plant Delay
CV19-150	Tile Bathroom Wall - Italy Plant Delay	40	4	90%	07/Apr/20 A	23/Apr/20																											Tile Bathroom Wall - Italy Plant Delay
Design and Preconstruction		531	5		08/Feb/18 A	24/Apr/20																											
Schematic Design		153	0		26/Apr/18 A	04/Dec/18 A																											
Design Development		62	0		09/Nov/18 A	08/Feb/19 A																											
Local Approvals		17	0		15/Oct/18 A	06/Nov/18 A																											
Early Package #1 Abatement, Demo, Site Prep		93	0		08/Feb/19 A	21/Jun/19 A																											
School Building Committee Meetings		73	0		29/May/19 A	10/Sep/19 A																											
Conservation Commission Approval Process		66	0		04/Apr/19 A	11/Jul/19 A																											
Planning Board Approval Process		20	0		13/May/19 A	10/Jun/19 A																											
60% Construction Documents		328	0		08/Feb/18 A	24/May/19 A																											
Early Package #2 Fdns, Site, Steel, RAPs		48	0		02/Apr/19 A	07/Jun/19 A																											
90% Construction Documents		57	0		23/Apr/19 A	13/Aug/19 A																											
Early Package #3 Curtainwall/SF, RTU's, Boilers, MSB,		37	0		21/Jun/19 A	13/Aug/19 A																											
100% Construction Documents & GMP		192	5		12/Jun/19 A	24/Apr/20																											
CDF 180	Prequalify Contractors - Release RFQ / Advertisement Public	5	0	100%	12/Jun/19 A	26/Jun/19 A																											Prequalify Contractors - Release RFQ / Advertisement Public
CDF 190	Review & Evaluate Qualifications	30	0	100%	26/Jun/19 A	30/Jul/19 A																											Review & Evaluate Qualifications
CDF 260	Prepare & Issue 100% Construction Bid Documents	39	0	100%	15/Jul/19 A	06/Sep/19 A																											Prepare & Issue 100% Construction Bid Documents
CDF 200	Issue Notice of Eligibility and Instructions to Bidders	11	0	100%	31/Jul/19 A	15/Aug/19 A																											Issue Notice of Eligibility and Instructions to Bidders
CDF 140	Establish GMP	71	0	100%	06/Sep/19 A	16/Dec/19 A																											Establish GMP
CDF 160	Bid and Award Trade & Priority Contracts	29	0	100%	06/Sep/19 A	08/Oct/19 A																											Bid and Award Trade & Priority Contracts
CDF 130	Bid and Award Remaining Phase 1 Non-Trade Contracts	60	0	100%	06/Sep/19 A	22/Oct/19 A																											Bid and Award Remaining Phase 1 Non-Trade Contracts
CDF 150	Bid and Award Contracts with Phase 2 Scope Only	30	5	85%	31/Jan/20 A	24/Apr/20																											Bid and Award Contracts with Phase 2 Scope Only
Procurement Milestone Summary		272	0		10/Apr/19 A	24/Apr/20																											
XX2 110	Award EP1 - Abatement & Demolition	0	0	100%		10/Apr/19 A																											Award EP1 - Abatement & Demolition
PRO 120	Award EP2 - RAP, Foundations, Steel, Site	0	0	100%		12/Jun/19 A																											Award EP2 - RAP, Foundations, Steel, Site
PRO 160	Award EP3 - MSB, Boilers, RTU's, Masonry, Elevators, SF/CW	0	0	100%		14/Aug/19 A																											Award EP3 - MSB, Boilers, RTU's, Masonry, Elevators, SF/CW
PRO 130	Award Phase 1 Trade & Priority Contracts	0	0	100%		28/Oct/19 A																											Award Phase 1 Trade & Priority Contracts
PRO 150	Award Phase 1 Remaining Non-Trade Contracts	0	0	100%		26/Nov/19 A																											Award Phase 1 Remaining Non-Trade Contracts
PRO 170	Award Phase 2 Contracts	0	0	0%		24/Apr/20																											Award Phase 2 Contracts
Permits		164	0		10/May/19 A	28/Oct/19 A																											
PER 130	Abatement 10 Day EPA Notice	10	0	100%	10/May/19 A	23/May/19 A																											Abatement 10 Day EPA Notice
PER 100	Demolition Permit	18	0	100%	25/May/19 A	12/Jun/19 A																											Demolition Permit
PER 120	Building Permit - Foundations and Steel	20	0	100%	13/Jun/19 A	12/Jul/19 A																											Building Permit - Foundations and Steel
PER 110	Building Permit - Full Construction	40	0	100%	26/Sep/19 A	28/Oct/19 A																											Building Permit - Full Construction
Submittal Packages		526	259		02/Apr/19 A	26/Apr/21																											
Division 01 - General Conditions		83	0		02/Apr/19 A	19/Aug/19 A																											
015000 - Temp Trailers		83	0		02/Apr/19 A	19/Aug/19 A																											
SM 2 1040	Submit & Release Temporary Trailer Specifications	15	0	100%	02/Apr/19 A	22/Apr/19 A																											Submit & Release Temporary Trailer Specifications
SM 2 1050	Fabricate & Deliver Trailers	20	0	100%	01/Jul/19 A	19/Aug/19 A																											Fabricate & Deliver Trailers
Division 02 - Existing Conditions		50	0		12/Apr/19 A	21/Jun/19 A																											
024113 - Utility Line Removal - Early Package		15	0		03/Jun/19 A	21/Jun/19 A																											

Start Date:	08/Feb/18
Finish Date:	26/Jan/22
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Print Date:	08/May/20
Layout:	Owner

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

Manchester Memorial Elementary School

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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.

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APRIL 2020 SCHEDULE

Project Controls SCHEDULE

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
	SM 2 1020	Prepare & Submit Utility Line Submittal	15	0	100%	03/Jun/19 A	21/Jun/19 A	<div><div></div> Prepare & Submit Utility Line Submittal</div>																					
	SM 2 1030	Review and Approve Utility Line Submittal	10	0	100%	21/Jun/19 A	21/Jun/19 A	<div><div></div> Review and Approve Utility Line Submittal</div>																					
	024116 - Structural Demolition - Demolition - Early Package		40	0		12/Apr/19 A	07/Jun/19 A	<div><div></div></div>																					
	SM02 1000	Prepare & Submit Demolition Submittal	15	0	100%	12/Apr/19 A	02/May/19 A	<div><div></div> Prepare & Submit Demolition Submittal</div>																					
	SM02 1010	Review and Approve Demolition Submittal	25	0	100%	03/May/19 A	07/Jun/19 A	<div><div></div> Review and Approve Demolition Submittal</div>																					
	024119 - Selective Demolition - Early Package		32	0		12/Apr/19 A	28/May/19 A	<div><div></div></div>																					
	SM02 1020	Prepare & Submit Demolition Submittal	15	0	100%	12/Apr/19 A	02/May/19 A	<div><div></div> Prepare & Submit Demolition Submittal</div>																					
	SM02 1030	Review and Approve Demolition Submittal	25	0	100%	23/Apr/19 A	28/May/19 A	<div><div></div> Review and Approve Demolition Submittal</div>																					
	028213 - Asbestos Abatement (& Hazmat Handling & Disposal)		42	0		12/Apr/19 A	11/Jun/19 A	<div><div></div></div>																					
	SM02 1040	Prepare & Submit Abatement Submittal	20	0	100%	12/Apr/19 A	09/May/19 A	<div><div></div> Prepare & Submit Abatement Submittal</div>																					
	SM02 1050	Review and Approve Abatement Submittal	30	0	100%	30/Apr/19 A	11/Jun/19 A	<div><div></div> Review and Approve Abatement Submittal</div>																					
	Division 03 - Concrete & Reinforcement		49	0		18/Jun/19 A	30/Aug/19 A	<div><div></div></div>																					
	033000 Phase 1 - Cast-In-Place Concrete		49	0		18/Jun/19 A	30/Aug/19 A	<div><div></div></div>																					
	SM 3 1000	Prepare and Submit Concrete Package	15	0	100%	18/Jun/19 A	22/Jul/19 A	<div><div></div> Prepare and Submit Concrete Package</div>																					
	SM 3 1010	Review and Approve Concrete Package	15	0	100%	18/Jul/19 A	02/Aug/19 A	<div><div></div> Review and Approve Concrete Package</div>																					
	SM 3 1020	Fabricate & Deliver Steel Reinforcement	15	0	100%	05/Aug/19 A	30/Aug/19 A	<div><div></div> Fabricate & Deliver Steel Reinforcement</div>																					
	Division 04 - Masonry		124	0		03/Sep/19 A	02/Mar/20 A	<div><div></div></div>																					
	042613 - Phase 1 CMU (Stair & Elevator Shaft)		63	0		03/Sep/19 A	29/Nov/19 A	<div><div></div></div>																					
	SM04 1060	Prepare and Submit Package CMU	20	0	100%	03/Sep/19 A	04/Nov/19 A	<div><div></div> Prepare and Submit Package CMU</div>																					
	SM04 1070	Review and Approve Package CMU	19	0	100%	22/Oct/19 A	15/Nov/19 A	<div><div></div> Review and Approve Package CMU</div>																					
	SM04 1080	Fabricate and Deliver CMU and Reinforcement	9	0	100%	18/Nov/19 A	29/Nov/19 A	<div><div></div> Fabricate and Deliver CMU and Reinforcement</div>																					
	042613 - Masonry Veneer		88	0		16/Sep/19 A	03/Feb/20 A	<div><div></div></div>																					
	SM04 1000	Prepare and Submit Package Masonry Veneer	20	0	100%	16/Sep/19 A	23/Sep/19 A	<div><div></div> Prepare and Submit Package Masonry Veneer</div>																					
	SM04 1010	Review and Approve Package Masonry Veneer	15	0	100%	14/Oct/19 A	08/Nov/19 A	<div><div></div> Review and Approve Package Masonry Veneer</div>																					
	SM04 1020	Fabricate and Deliver Masonry Veneer	55	0	100%	31/Oct/19 A	03/Feb/20 A	<div><div></div> Fabricate and Deliver Masonry Veneer</div>																					
	042613 - Concrete Masonry Units		72	0		03/Sep/19 A	03/Dec/19 A	<div><div></div></div>																					
	SM04 1030	Prepare and Submit Package Decorative CMU	20	0	100%	03/Sep/19 A	30/Sep/19 A	<div><div></div> Prepare and Submit Package Decorative CMU</div>																					
	SM04 1040	Review and Approve Package Decorative CMU	20	0	100%	30/Sep/19 A	31/Oct/19 A	<div><div></div> Review and Approve Package Decorative CMU</div>																					
	SM04 1050	Fabricate and Deliver CMU and Reinforcement	30	0	100%	31/Oct/19 A	03/Dec/19 A	<div><div></div> Fabricate and Deliver CMU and Reinforcement</div>																					
	047200 - Cast Stone Masonry		105	0		30/Sep/19 A	02/Mar/20 A	<div><div></div></div>																					
	SM 4 1000	Prepare and Submit Package Cast Stone Masonry	20	0	100%	30/Sep/19 A	18/Oct/19 A	<div><div></div> Prepare and Submit Package Cast Stone Masonry</div>																					
	SM 4 1020	Review and Approve Package Cast Stone Masonry	20	0	100%	11/Nov/19 A	09/Dec/19 A	<div><div></div> Review and Approve Package Cast Stone Masonry</div>																					
	SM 4 1040	Fabricate and Deliver Cast Stone Masonry	60	0	100%	03/Dec/19 A	02/Mar/20 A	<div><div></div> Fabricate and Deliver Cast Stone Masonry</div>																					
	Division 05 - Metals		242	0		10/Jun/19 A	29/Apr/20 A	<div><div></div></div>																					
	051200 - Phase 1 (Area A) Anchor Bolts		242	0		13/Jun/19 A	16/Aug/19 A	<div><div></div></div>																					
	SM 5 1310	Prepare and Submit Package Anchor Bolts	9	0	100%	13/Jun/19 A	28/Jun/19 A	<div><div></div> Prepare and Submit Package Anchor Bolts</div>																					
	SM 5 1320	Review and Approve Package Anchor Bolts	15	0	100%	01/Jul/19 A	22/Jul/19 A	<div><div></div> Review and Approve Package Anchor Bolts</div>																					
	SM 5 1330	Fabricate and Deliver Structural Anchor Bolts	15	0	100%	01/Aug/19 A	16/Aug/19 A	<div><div></div> Fabricate and Deliver Structural Anchor Bolts</div>																					
	051200 - Phase 1 Structural Steel Framing		98	0		10/Jun/19 A	28/Oct/19 A	<div><div></div></div>																					
	SM 5 1000	Prepare and Submit Package Structural Steel	30	0	100%	10/Jun/19 A	01/Aug/19 A	<div><div></div> Prepare and Submit Package Structural Steel</div>																					
	SM 5 1060	Review and Approve Package Structural Steel	24	0	100%	01/Aug/19 A	30/Sep/19 A	<div><div></div> Review and Approve Package Structural Steel</div>																					
	SM 5 1160	Fabricate and Deliver Structural Steel Framing	35	0	100%	09/Sep/19 A	28/Oct/19 A	<div><div></div> Fabricate and Deliver Structural Steel Framing</div>																					
	051500 - Stud Shear Connectors		110	0		13/Jun/19 A	31/Oct/19 A	<div><div></div></div>																					
	SM 5 1080	Review and Approve Package Steel Joists	20	0	100%	13/Jun/19 A	06/Sep/19 A	<div><div></div> Review and Approve Package Steel Joists</div>																					
	SM 5 1020	Prepare and Submit Package Steel Joists	20	0	100%	01/Jul/19 A	19/Aug/19 A	<div><div></div> Prepare and Submit Package Steel Joists</div>																					
	SM 5 1170	Fabricate and Deliver Stud Shear Connectors	50	0	100%	09/Sep/19 A	31/Oct/19 A	<div><div></div> Fabricate and Deliver Stud Shear Connectors</div>																					
	053100 - Phase 1 (Area A) Steel Decking		110	0		13/Jun/19 A	28/Oct/19 A	<div><div></div></div>																					
	SM 5 1040	Prepare and Submit Package Steel Decking	20	0	100%	13/Jun/19 A	09/Aug/19 A	<div><div></div> Prepare and Submit Package Steel Decking</div>																					
	SM 5 1100	Review and Approve Package Steel Decking	20	0	100%	12/Aug/19 A	09/Sep/19 A	<div><div></div> Review and Approve Package Steel Decking</div>																					
	SM 5 1180	Fabricate and Deliver Steel Decking	49	0	100%	10/Sep/19 A	28/Oct/19 A	<div><div></div> Fabricate and Deliver Steel Decking</div>																					
	054100 - Cold Formed Metal Framing		35	0		22/Oct/19 A	05/Dec/19 A	<div><div></div></div>																					

Start Date: 08/Feb/18
Finish Date: 26/Jan/22
Data Date: 20/Apr/20
Print Date: 08/May/20
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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APRIL 2020 SCHEDULE

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							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
055000 - Phase 1 (Area A) Metal Fabrications	SM 5 1140	Prepare and Submit Package Metal Framing	25	0	100%	22/Oct/19 A	15/Nov/19 A	<div><div></div><div>Prepare and Submit Package Metal Framing</div></div>																					
	SM 5 1210	Review and Approve Package Metal Framing	5	0	100%	15/Nov/19 A	29/Nov/19 A	<div><div></div><div>Review and Approve Package Metal Framing</div></div>																					
	SM 5 1250	Fabricate and Deliver Cold Formed Metal Framing	4	0	100%	29/Nov/19 A	05/Dec/19 A	<div><div></div><div>Fabricate and Deliver Cold Formed Metal Framing</div></div>																					
			84	0		22/Oct/19 A	20/Feb/20 A	<div><div></div></div>																					
	SM 5 1130	Prepare and Submit Package Metal Fabs	20	0	100%	22/Oct/19 A	21/Jan/20 A	<div><div></div><div>Prepare and Submit Package Metal Fabs</div></div>																					
	SM 5 1220	Review and Approve Package Metal Fabs	10	0	100%	22/Jan/20 A	05/Feb/20 A	<div><div></div><div>Review and Approve Package Metal Fabs</div></div>																					
	SM 5 1260	Fabricate and Deliver Metal Fabrications	10	0	100%	06/Feb/20 A	20/Feb/20 A	<div><div></div><div>Fabricate and Deliver Metal Fabrications</div></div>																					
			29	0		23/Sep/19 A	07/Nov/19 A	<div><div></div></div>																					
	SM 5 1150	Prepare and Submit Package Metal Stairs & Railings	20	0	100%	23/Sep/19 A	27/Sep/19 A	<div><div></div><div>Prepare and Submit Package Metal Stairs & Railings</div></div>																					
	SM 5 1190	Review and Approve Package Metal Stairs & Railings	10	0	100%	01/Oct/19 A	14/Oct/19 A	<div><div></div><div>Review and Approve Package Metal Stairs & Railings</div></div>																					
055113 - Phase 1 Metal Pan Stairs	SM 5 1300	Fabricate and Deliver Metal Stairs	10	0	100%	22/Oct/19 A	07/Nov/19 A	<div><div></div><div>Fabricate and Deliver Metal Stairs</div></div>																					
			139	0		10/Oct/19 A	29/Apr/20 A	<div><div></div></div>																					
	SM 5 1540	Prepare and Submit Package Metal Railings	60	0	100%	10/Oct/19 A	04/Feb/20 A	<div><div></div><div>Prepare and Submit Package Metal Railings</div></div>																					
	SM 5 1550	Review and Approve Package Metal Railings	8	0	100%	05/Feb/20 A	14/Feb/20 A	<div><div></div><div>Review and Approve Package Metal Railings</div></div>																					
	SM 5 1560	Field Measure and Release	5	0	100%	20/Feb/20 A	15/Apr/20 A	<div><div></div><div>Field Measure and Release</div></div>																					
	SM 5 1570	Fabricate and Deliver Metal Railings	10	0	100%	16/Apr/20 A	29/Apr/20 A	<div><div></div><div>Fabricate and Deliver Metal Railings</div></div>																					
			113	0		22/Oct/19 A	27/Apr/20 A	<div><div></div></div>																					
	SM 5 1270	Prepare and Submit Package Pipe & Tube Railings	20	0	100%	22/Oct/19 A	04/Feb/20 A	<div><div></div><div>Prepare and Submit Package Pipe & Tube Railings</div></div>																					
	SM 5 1280	Review and Approve Package Pipe & Tube Railings	15	0	100%	05/Feb/20 A	14/Feb/20 A	<div><div></div><div>Review and Approve Package Pipe & Tube Railings</div></div>																					
	SM 5 1290	Fabricate and Deliver Pipe & Tube Railings	25	0	100%	14/Feb/20 A	27/Apr/20 A	<div><div></div><div>Fabricate and Deliver Pipe & Tube Railings</div></div>																					
Division 06 - Wood, Plastics and Composites		149	16		09/Oct/19 A	11/May/20																							
061053 - Misc Carpentry		59	0		09/Oct/19 A	14/Jan/20 A																							
061600 - Sheathing	SM 6 1000	Prepare and Submit Package Rough Carpentry	15	0	100%	09/Oct/19 A	12/Nov/19 A	<div><div></div><div>Prepare and Submit Package Rough Carpentry</div></div>																					
	SM 6 1010	Review and Approve Package Rough Carpentry	15	0	100%	12/Nov/19 A	03/Dec/19 A	<div><div></div><div>Review and Approve Package Rough Carpentry</div></div>																					
	SM 6 1070	Fabricate and Deliver Rough Carpentry	20	0	100%	04/Dec/19 A	14/Jan/20 A	<div><div></div><div>Fabricate and Deliver Rough Carpentry</div></div>																					
			29	0		22/Oct/19 A	20/Dec/19 A	<div><div></div></div>																					
064023 - Phase 1 Interior Woodwork	SM 6 1020	Prepare and Submit Package Sheathing	15	0	100%	22/Oct/19 A	12/Nov/19 A	<div><div></div><div>Prepare and Submit Package Sheathing</div></div>																					
	SM 6 1060	Review and Approve Package Sheathing	9	0	100%	12/Nov/19 A	22/Nov/19 A	<div><div></div><div>Review and Approve Package Sheathing</div></div>																					
	SM 6 1080	Fabricate and Deliver Sheathing	5	0	100%	25/Nov/19 A	20/Dec/19 A	<div><div></div><div>Fabricate and Deliver Sheathing</div></div>																					
			134	16		09/Oct/19 A	11/May/20	<div><div></div></div>																					
064200 - Wood Paneling	SM 6 1050	Prepare and Submit Package Arch Woodwork	15	0	100%	09/Oct/19 A	31/Jan/20 A	<div><div></div><div>Prepare and Submit Package Arch Woodwork</div></div>																					
	SM 6 1090	Review and Approve Package Arch Woodwork	15	0	100%	31/Jan/20 A	20/Feb/20 A	<div><div></div><div>Review and Approve Package Arch Woodwork</div></div>																					
	SM 6 1180	Release Materials for Delivery to Shop	20	0	100%	21/Feb/20 A	13/Mar/20 A	<div><div></div><div>Release Materials for Delivery to Shop</div></div>																					
	SM 6 1140	Field Measure 2nd Floor Arch Woodwork	3	0	100%	16/Mar/20 A	18/Mar/20 A	<div><div></div><div>Field Measure 2nd Floor Arch Woodwork</div></div>																					
	SM 6 1160	Field Measure 1st Floor Arch Woodwork	3	0	100%	16/Mar/20 A	18/Mar/20 A	<div><div></div><div>Field Measure 1st Floor Arch Woodwork</div></div>																					
	SM 6 1150	Fabricate and Deliver Arch Woodwork 2nd Floor	20	0	100%	19/Mar/20 A	29/Apr/20 A	<div><div></div><div>Fabricate and Deliver Arch Woodwork 2nd Floor</div></div>																					
	SM 6 1170	Fabricate and Deliver Arch Woodwork 1st Floor	20	16	20%	19/Mar/20 A	11/May/20	<div><div></div><div>Fabricate and Deliver Arch Woodwork 1st Floor</div></div>																					
			50	11		02/Mar/20 A	04/May/20	<div><div></div></div>																					
071326 - Sheet Waterproofing	SM 6 1045	Prepare and Submit Package Wood Paneling	10	0	100%	02/Mar/20 A	13/Mar/20 A	<div><div></div><div>Prepare and Submit Package Wood Paneling</div></div>																					
	SM 6 1110	Review and Approve Package Wood Paneling	10	0	100%	16/Mar/20 A	27/Mar/20 A	<div><div></div><div>Review and Approve Package Wood Paneling</div></div>																					
	SM 6 1130	Fabricate and Deliver Wood Paneling	30	11	63.33%	30/Mar/20 A	04/May/20	<div><div></div><div>Fabricate and Deliver Wood Paneling</div></div>																					
Division 07 - Thermal & Moisture Protection		255	51		01/Jul/19 A	30/Jun/20																							
072100 - Thermal Insulation (Rigid Foam)		32	0		01/Jul/19 A	14/Aug/19 A																							
072100 - Thermal Insulation (Spray Foam / Inwall)	SM 7 1010	Prepare and Submit Sheet Waterproofing Package	15	0	100%	01/Jul/19 A	01/Aug/19 A	<div><div></div><div>Prepare and Submit Sheet Waterproofing Package</div></div>																					
	SM 7 1030	Review and Approve Sheet Waterproofing Package	15	0	100%	23/Jul/19 A	01/Aug/19 A	<div><div></div><div>Review and Approve Sheet Waterproofing Package</div></div>																					
	SM 7 1210	Deliver Sheet Waterproofing	10	0	100%	01/Aug/19 A	14/Aug/19 A	<div><div></div><div>Deliver Sheet Waterproofing</div></div>																					
			32	0		01/Aug/19 A	16/Sep/19 A	<div><div></div></div>																					
072100 - Thermal Insulation (Rigid Foam)	SM 7 1090	Prepare and Submit Package Thermal Insulation	15	0	100%	01/Aug/19 A	21/Aug/19 A	<div><div></div><div>Prepare and Submit Package Thermal Insulation</div></div>																					
	SM 7 1240	Review and Approve Package Thermal Insulation	10	0	100%	22/Aug/19 A	05/Sep/19 A	<div><div></div><div>Review and Approve Package Thermal Insulation</div></div>																					
	SM 7 1430	Deliver Thermal Insulation	10	0	100%	03/Sep/19 A	16/Sep/19 A	<div><div></div><div>Deliver Thermal Insulation</div></div>																					
			69	16		22/Oct/19 A	11/May/20	<div><div></div></div>																					

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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.

APRIL 2020 SCHEDULE

Project Controls SCHEDULE

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
	SM 7 1740	Prepare and Submit Package Spray Foam Insulation	5	0	100%	22/Oct/19 A	21/Jan/20 A	<div><div></div><div>Prepare and Submit Package Spray Foam Insulation</div></div>																					
	SM 7 1750	Review and Approve Package Spray Foam Insulation	18	0	100%	21/Jan/20 A	24/Jan/20 A	<div><div></div><div>Review and Approve Package Spray Foam Insulation</div></div>																					
	SM 7 1760	Deliver Spray Foam Insulation	3	16	75%	27/Jan/20 A	11/May/20	<div><div></div><div>Deliver Spray Foam Insulation</div></div>																					
	072715 - Vapor Barriers		42	0		22/Oct/19 A	07/Feb/20 A	<div><div></div></div>																					
	SM 7 1050	Prepare and Submit Package Membrane Air Barriers	15	0	100%	22/Oct/19 A	11/Nov/19 A	<div><div></div><div>Prepare and Submit Package Membrane Air Barriers</div></div>																					
	SM 7 1220	Review and Approve Package Membrane Air Barriers	20	0	100%	31/Oct/19 A	27/Nov/19 A	<div><div></div><div>Review and Approve Package Membrane Air Barriers</div></div>																					
	SM 7 1340	Deliver Membrane Air Barrier	15	0	100%	29/Nov/19 A	07/Feb/20 A	<div><div></div><div>Deliver Membrane Air Barrier</div></div>																					
	074213- Formed PVC Roof Screens		75	51		17/Mar/20 A	30/Jun/20	<div><div></div></div>																					
	SM 7 1100	Prepare and Submit Package PVC Roof Screens	10	0	100%	17/Mar/20 A	30/Mar/20 A	<div><div></div><div>Prepare and Submit Package PVC Roof Screens</div></div>																					
	SM 7 1310	Review and Approve Package PVC Roof Screens	15	0	100%	31/Mar/20 A	20/Apr/20 A	<div><div></div><div>Review and Approve Package PVC Roof Screens</div></div>																					
	SM 7 1490	Fabricate and Deliver PVC Roof Screens Phase 2	50	51	0%	21/Apr/20 A	30/Jun/20	<div><div></div><div>Fabricate and Deliver PVC Roof Screens Phase 2</div></div>																					
	075419 - PVC Roofing		37	0		08/Oct/19 A	27/Nov/19 A	<div><div></div></div>																					
	SM 7 1560	Prepare and Submit Package PVC Roofing	15	0	100%	08/Oct/19 A	04/Nov/19 A	<div><div></div><div>Prepare and Submit Package PVC Roofing</div></div>																					
	SM 7 1570	Review and Approve Package PVC Roofing	10	0	100%	04/Nov/19 A	13/Nov/19 A	<div><div></div><div>Review and Approve Package PVC Roofing</div></div>																					
	SM 7 1580	Fabricate and Deliver PVC Roofing	10	0	100%	14/Nov/19 A	27/Nov/19 A	<div><div></div><div>Fabricate and Deliver PVC Roofing</div></div>																					
	076200 - Sheet Metal Flashing and Trim		105	30		02/Oct/19 A	01/Jun/20	<div><div></div></div>																					
	SM 7 1120	Prepare and Submit Package Sheet Metal Flashing	10	0	100%	02/Oct/19 A	08/Oct/19 A	<div><div></div><div>Prepare and Submit Package Sheet Metal Flashing</div></div>																					
	SM 7 1320	Review and Approve Package Sheet Metal Flashing	15	0	100%	08/Oct/19 A	06/Mar/20 A	<div><div></div><div>Review and Approve Package Sheet Metal Flashing</div></div>																					
	SM 7 1500	Fabricate and Deliver Sheet Metal Flashing & Trim	20	30	0%	09/Mar/20 A	01/Jun/20	<div><div></div><div>Fabricate and Deliver Sheet Metal Flashing & Trim</div></div>																					
	077100 - Roof Specialties		111	0		14/Oct/19 A	20/Mar/20 A	<div><div></div></div>																					
	SM 7 1150	Prepare and Submit Package Roof Specialties	20	0	100%	14/Oct/19 A	06/Mar/20 A	<div><div></div><div>Prepare and Submit Package Roof Specialties</div></div>																					
	SM 7 1350	Review and Approve Package Roof Specialties	5	0	100%	09/Mar/20 A	13/Mar/20 A	<div><div></div><div>Review and Approve Package Roof Specialties</div></div>																					
	SM 7 1510	Fabricate and Deliver Roof Specialties	5	0	100%	16/Mar/20 A	20/Mar/20 A	<div><div></div><div>Fabricate and Deliver Roof Specialties</div></div>																					
	077129 - Manufactured Roof Expansion Joints		42	0		01/Oct/19 A	27/Nov/19 A	<div><div></div></div>																					
	SM 7 1770	Prepare and Submit Package Roof Expansion Joints	15	0	100%	01/Oct/19 A	21/Oct/19 A	<div><div></div><div>Prepare and Submit Package Roof Expansion Joints</div></div>																					
	SM 7 1780	Review and Approve Package Roof Expansion Joints	15	0	100%	08/Oct/19 A	31/Oct/19 A	<div><div></div><div>Review and Approve Package Roof Expansion Joints</div></div>																					
	SM 7 1790	Fabricate and Deliver Roof Expansion Joints	20	0	100%	31/Oct/19 A	27/Nov/19 A	<div><div></div><div>Fabricate and Deliver Roof Expansion Joints</div></div>																					
	077200 - Roof Accessories		127	0		31/Oct/19 A	30/Apr/20 A	<div><div></div></div>																					
	SM 7 1160	Prepare and Submit Package Roof Accessories	14	0	100%	31/Oct/19 A	19/Mar/20 A	<div><div></div><div>Prepare and Submit Package Roof Accessories</div></div>																					
	SM 7 1360	Review and Approve Package Roof Accessories	10	0	100%	20/Mar/20 A	02/Apr/20 A	<div><div></div><div>Review and Approve Package Roof Accessories</div></div>																					
	SM 7 1520	Fabricate and Deliver Roof Accessories	20	0	100%	03/Apr/20 A	30/Apr/20 A	<div><div></div><div>Fabricate and Deliver Roof Accessories</div></div>																					
	078413 - Penetration Firestopping		61	0		31/Oct/19 A	28/Jan/20 A	<div><div></div></div>																					
	SM 7 1620	Prepare and Submit Package Penetration Firestopping	10	0	100%	31/Oct/19 A	14/Jan/20 A	<div><div></div><div>Prepare and Submit Package Penetration Firestopping</div></div>																					
	SM 7 1630	Review and Approve Package Penetration Firestopping	5	0	100%	15/Jan/20 A	21/Jan/20 A	<div><div></div><div>Review and Approve Package Penetration Firestopping</div></div>																					
	SM 7 1640	Fabricate and Deliver Penetration Firestopping	5	0	100%	22/Jan/20 A	28/Jan/20 A	<div><div></div><div>Fabricate and Deliver Penetration Firestopping</div></div>																					
	078446 - Fire Resistive Joints		56	0		31/Oct/19 A	21/Jan/20 A	<div><div></div></div>																					
	SM 7 1650	Prepare and Submit Package Fire Resistant Joints	10	0	100%	31/Oct/19 A	07/Jan/20 A	<div><div></div><div>Prepare and Submit Package Fire Resistant Joints</div></div>																					
	SM 7 1660	Review and Approve Package Fire Resistant Joints	5	0	100%	08/Jan/20 A	14/Jan/20 A	<div><div></div><div>Review and Approve Package Fire Resistant Joints</div></div>																					
	SM 7 1670	Fabricate and Deliver Fire Resistant Joints	5	0	100%	15/Jan/20 A	21/Jan/20 A	<div><div></div><div>Fabricate and Deliver Fire Resistant Joints</div></div>																					
	079200 - Joint Sealants		40	0		02/Mar/20 A	20/Apr/20 A	<div><div></div></div>																					
	SM 7 1680	Prepare and Submit Package Joint Sealants	10	0	100%	02/Mar/20 A	13/Mar/20 A	<div><div></div><div>Prepare and Submit Package Joint Sealants</div></div>																					
	SM 7 1690	Review and Approve Package Joint Sealants	15	0	100%	16/Mar/20 A	31/Mar/20 A	<div><div></div><div>Review and Approve Package Joint Sealants</div></div>																					
	SM 7 1700	Fabricate and Deliver Joint Sealants	15	0	100%	31/Mar/20 A	20/Apr/20 A	<div><div></div><div>Fabricate and Deliver Joint Sealants</div></div>																					
	Division 08 - Openings		181	40		15/Aug/19 A	15/Jun/20	<div><div></div></div>																					
	081113 - Hollow Metal Doors & Frames		114	9		14/Oct/19 A	30/Apr/20	<div><div></div></div>																					
	SM 8 1110	Prepare and Submit Package HM Doors & Frames	20	0	100%	14/Oct/19 A	01/Nov/19 A	<div><div></div><div>Prepare and Submit Package HM Doors & Frames</div></div>																					
	SM 8 1210	Review and Approve Package HM Doors & Frames	30	0	100%	04/Nov/19 A	22/Nov/19 A	<div><div></div><div>Review and Approve Package HM Doors & Frames</div></div>																					
	SM 8 1230	Fabricate and Delivery Masonry HM Door Frames	20	0	100%	04/Nov/19 A	05/Dec/19 A	<div><div></div><div>Fabricate and Delivery Masonry HM Door Frames</div></div>																					
	SM 8 1270	Fabricate and Deliver HM Door Frames	20	0	100%	25/Nov/19 A	31/Dec/19 A	<div><div></div><div>Fabricate and Deliver HM Door Frames</div></div>																					
	SM 8 1280	Fabricate and Deliver HM Doors	60	9	85%	31/Dec/19 A	30/Apr/20	<div><div></div><div>Fabricate and Deliver HM Doors</div></div>																					
	081416 - Flush Wood Doors		98	40		31/Dec/19 A	15/Jun/20	<div><div></div></div>																					

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Actual Work

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Milestone

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APRIL 2020 SCHEDULE

Project Controls SCHEDULE

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
	SM 8 1120	Prepare and Submit Package Flush Wood Doors	5	0	100%	31/Dec/19 A																							
	SM 8 1220	Review and Approve Package Flush Wood Doors	20	0	100%	08/Jan/20 A																							
	SM 8 1290	Fabricate and Deliver Flush Wood Doors	60	40	95%	25/Feb/20 A																							
	083323 - Access Doors & Frames		63	0		31/Dec/19 A																							
	SM8 1090	Prepare and Submit Package Access Doors	5	0	100%	31/Dec/19 A																							
	SM8 1100	Review and Approve Package Access Doors	10	0	100%	08/Jan/20 A																							
	SM8 1110	Fabricate and Deliver Access Doors	30	0	100%	18/Feb/20 A																							
	084113 Aluminum Entrances		132	0		19/Aug/19 A																							
	SM 8 1020	Prepare and Submit Package Storefronts	25	0	100%	19/Aug/19 A																							
	SM 8 1080	Review and Approve Package Storefronts	25	0	100%	26/Sep/19 A																							
	SM 8 1180	Fabricate and Deliver Storefront & Entrance Frames	90	0	100%	31/Oct/19 A																							
	084113 Phase 1 Storefront Windows		122	0		03/Sep/19 A																							
	SM 8 1330	Prepare and Submit Package Storefront Windows	25	0	100%	03/Sep/19 A																							
	SM 8 1340	Review and Approve Package Storefront Windows	25	0	100%	19/Sep/19 A																							
	SM 8 1350	Fabricate and Deliver Storefront Windows Frames	80	0	100%	31/Oct/19 A																							
	084113 Phase 1 Interior Storefront		102	16		01/Oct/19 A																							
	SM 8 1300	Prepare and Submit Package Interior Storefronts	25	0	100%	01/Oct/19 A																							
	SM 8 1310	Review and Approve Package Interior Storefronts	5	0	100%	14/Oct/19 A																							
	SM 8 1320	Fabricate and Deliver Interior Storefront Frames	80	16	80%	31/Oct/19 A																							
	084413 Glazed Aluminum Curtain Walls		132	0		15/Aug/19 A																							
	SM 8 1030	Prepare and Submit Aluminum Curtain Wall Package	25	0	100%	15/Aug/19 A																							
	SM 8 1090	Review and Approve Curtain Wall Package	20	0	100%	08/Oct/19 A																							
	SM 8 1190	Fabricate and Deliver Curtain Wall	85	0	100%	07/Nov/19 A																							
	087000 - Door Hardware		101	37		22/Oct/19 A																							
	SM8 1120	Prepare and Submit Package Door Hardware	10	0	100%	22/Oct/19 A																							
	SM8 1130	Review and Approve Package Door Hardware	20	0	100%	29/Nov/19 A																							
	SM8 1140	Fabricate and Deliver Door Hardware	25	37	0%	10/Feb/20 A																							
	087113 - Automatic Door Operators		130	37		22/Oct/19 A																							
	SM8 1180	Prepare and Submit Package Automatic Doors Operator	15	0	100%	22/Oct/19 A																							
	SM8 1190	Review and Approve Package Automatic Doors Operator	5	0	100%	07/Feb/20 A																							
	SM8 1200	Fabricate and Deliver Automatic Doors Operator	50	37	26%	14/Feb/20 A																							
	088000 Exterior Glazing		120	0		22/Oct/19 A																							
	SM8 1210	Prepare and Submit Package Exterior Glazing	25	0	100%	22/Oct/19 A																							
	SM8 1220	Review and Approve Package Exterior Glazing	25	0	100%	06/Dec/19 A																							
	SM8 1230	Fabricate and Deliver Exterior Glazing	45	0	100%	07/Feb/20 A																							
	089119 Fixed Louvers		96	0		31/Oct/19 A																							
	SM 8 1100	Prepare and Submit Package Louvers	15	0	100%	31/Oct/19 A																							
	SM 8 1200	Review and Approve Package Louvers	15	0	100%	21/Nov/19 A																							
	SM 8 1250	Fabricate and Deliver Fixed Louvers & Vents	40	0	100%	22/Jan/20 A																							
	Division 09 - Finishes		155	29		22/Oct/19 A																							
	092116 Gypsum Board Assemblies		90	0		22/Oct/19 A																							
	SM 9 1040	Prepare and Submit Package Gboard Assemblies	20	0	100%	22/Oct/19 A																							
	SM 9 1140	Review and Approve Package Gboard Assemblies	15	0	100%	29/Nov/19 A																							
	SM 9 1240	Fabricate and Deliver GBoard Assemblies	27	0	100%	22/Jan/20 A																							
	092216 Non-Structural Metal framing		73	0		22/Oct/19 A																							
	SM 9 1330	Prepare and Submit Package Non Structural Metal Framing	20	0	100%	22/Oct/19 A																							
	SM 9 1340	Review and Approve Package Non Structural Metal Framing	15	0	100%	29/Nov/19 A																							
	SM 9 1350	Fabricate and Deliver Non Structural Metal Framing	20	0	100%	08/Jan/20 A																							
	092900 Gypsum Board		83	0		22/Oct/19 A																							
	SM 9 1100	Prepare and Submit Package Shaft Wall Assemblies	20	0	100%	22/Oct/19 A																							
	SM 9 1170	Review and Approve Package Shaft Wall Assemblies	15	0	100%	29/Nov/19 A																							

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							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
	SM 9 1270	Fabricate and Deliver Shaft Wall Assemblies	20	0	100%	22/Jan/20 A	13/Feb/20 A	<div><div></div><div>Fabricate and Deliver Shaft Wall Assemblies</div></div>																					
	093000 Tiling		145	4		22/Oct/19 A	23/Apr/20	<div><div></div><div></div></div>																					
	SM 9 1080	Prepare and Submit Package Tiling	20	0	100%	22/Oct/19 A	27/Nov/19 A	<div><div></div><div>Prepare and Submit Package Tiling</div></div>																					
	SM 9 1150	Review and Approve Package Tiling	15	0	100%	02/Dec/19 A	21/Jan/20 A	<div><div></div><div>Review and Approve Package Tiling</div></div>																					
	SM 9 1250	Fabricate and Deliver Tiling	60	4	93.33%	21/Jan/20 A	23/Apr/20	<div><div></div><div>Fabricate and Deliver Tiling</div></div>																					
	095113 Acoustical Ceiling Panels		113	0		22/Oct/19 A	30/Mar/20 A	<div><div></div><div></div></div>																					
	SM 9 1010	Prepare and Submit Package Acoustical Ceilings	15	0	100%	22/Oct/19 A	21/Jan/20 A	<div><div></div><div>Prepare and Submit Package Acoustical Ceilings</div></div>																					
	SM 9 1110	Review and Approve Package Acoustical Ceilings	15	0	100%	22/Jan/20 A	03/Mar/20 A	<div><div></div><div>Review and Approve Package Acoustical Ceilings</div></div>																					
	SM 9 1220	Fabricate and Deliver Acoustical Ceilings	21	0	100%	04/Mar/20 A	30/Mar/20 A	<div><div></div><div>Fabricate and Deliver Acoustical Ceilings</div></div>																					
	095123 Exterior Wood Soffit		121	0		22/Oct/19 A	10/Apr/20 A	<div><div></div><div></div></div>																					
	SM 9 1390	Prepare and Submit Package Wood Ceilings	15	0	100%	22/Oct/19 A	21/Jan/20 A	<div><div></div><div>Prepare and Submit Package Wood Ceilings</div></div>																					
	SM 9 1400	Review and Approve Package Wood Ceilings	15	0	100%	22/Jan/20 A	02/Mar/20 A	<div><div></div><div>Review and Approve Package Wood Ceilings</div></div>																					
	SM 9 1410	Fabricate and Deliver Exterior Wood Soffits	30	0	100%	03/Mar/20 A	10/Apr/20 A	<div><div></div><div>Fabricate and Deliver Exterior Wood Soffits</div></div>																					
	096513 Resilient Base & Accessories		133	10		22/Oct/19 A	01/May/20	<div><div></div><div></div></div>																					
	SM 9 1060	Prepare and Submit Package	25	0	100%	22/Oct/19 A	08/Nov/19 A	<div><div></div><div>Prepare and Submit Package</div></div>																					
	SM 9 1200	Review and Approve Package	25	0	100%	08/Nov/19 A	10/Jan/20 A	<div><div></div><div>Review and Approve Package</div></div>																					
	SM 9 1310	Fabricate and Deliver Resilient Base & Accessories	60	10	83.33%	10/Jan/20 A	01/May/20	<div><div></div><div>Fabricate and Deliver Resilient Base & Accessories</div></div>																					
	096519 Resilient Tile Flooring		132	10		22/Oct/19 A	01/May/20	<div><div></div><div></div></div>																					
	SM 9 1420	Prepare and Submit Package	25	0	100%	22/Oct/19 A	08/Nov/19 A	<div><div></div><div>Prepare and Submit Package</div></div>																					
	SM 9 1430	Review and Approve Package	25	0	100%	31/Dec/19 A	03/Feb/20 A	<div><div></div><div>Review and Approve Package</div></div>																					
	SM 9 1440	Fabricate and Deliver Resilient Tile Flooring	60	10	83.33%	04/Feb/20 A	01/May/20	<div><div></div><div>Fabricate and Deliver Resilient Tile Flooring</div></div>																					
	096723 Resinous Flooring		104	0		22/Oct/19 A	29/Apr/20 A	<div><div></div><div></div></div>																					
	SM9 1030	Prepare and Submit Resinous Floor Package	15	0	100%	22/Oct/19 A	07/Jan/20 A	<div><div></div><div>Prepare and Submit Resinous Floor Package</div></div>																					
	SM9 1040	Review and Approve Resinous Floor Package	15	0	100%	08/Jan/20 A	05/Feb/20 A	<div><div></div><div>Review and Approve Resinous Floor Package</div></div>																					
	SM9 1050	Fabricate and Deliver Resinous Flooring	30	0	100%	06/Feb/20 A	29/Apr/20 A	<div><div></div><div>Fabricate and Deliver Resinous Flooring</div></div>																					
	096813 Tile Carpeting		90	25		31/Dec/19 A	22/May/20	<div><div></div><div></div></div>																					
	SM 9 1070	Prepare and Submit Package Carpeting	15	0	100%	31/Dec/19 A	21/Jan/20 A	<div><div></div><div>Prepare and Submit Package Carpeting</div></div>																					
	SM 9 1210	Review and Approve Package Carpeting	15	0	100%	22/Jan/20 A	11/Feb/20 A	<div><div></div><div>Review and Approve Package Carpeting</div></div>																					
	SM 9 1320	Fabricate and Deliver Carpeting	60	25	58.33%	12/Feb/20 A	22/May/20	<div><div></div><div>Fabricate and Deliver Carpeting</div></div>																					
	097723 Fabric Wrapped Panels		65	29		03/Feb/20 A	29/May/20	<div><div></div><div></div></div>																					
	SM 9 1480	Prepare and Submit Package Fabric Wrapped Panels	5	0	100%	03/Feb/20 A	07/Feb/20 A	<div><div></div><div>Prepare and Submit Package Fabric Wrapped Panels</div></div>																					
	SM 9 1490	Review and Approve Package Fabric Wrapped Panels	10	0	100%	10/Feb/20 A	24/Feb/20 A	<div><div></div><div>Review and Approve Package Fabric Wrapped Panels</div></div>																					
	SM 9 1500	Fabricate and Deliver Fabric Wrapped Panels	50	29	42%	31/Mar/20 A	29/May/20	<div><div></div><div>Fabricate and Deliver Fabric Wrapped Panels</div></div>																					
	099113 Exterior Painting		107	11		31/Dec/19 A	04/May/20	<div><div></div><div></div></div>																					
	SM 9 1090	Prepare and Submit Package Paint & Coating	20	0	100%	31/Dec/19 A	28/Jan/20 A	<div><div></div><div>Prepare and Submit Package Paint & Coating</div></div>																					
	SM 9 1160	Review and Approve Package Paint & Coating	15	0	100%	29/Jan/20 A	24/Feb/20 A	<div><div></div><div>Review and Approve Package Paint & Coating</div></div>																					
	SM 9 1260	Order and Deliver Exterior Paint & Coating	69	11	84.06%	25/Feb/20 A	04/May/20	<div><div></div><div>Order and Deliver Exterior Paint & Coating</div></div>																					
	099123 Interior Painting		39	0		31/Dec/19 A	25/Feb/20 A	<div><div></div><div></div></div>																					
	SM 9 1510	Prepare and Submit Package Paint & Coating	20	0	100%	31/Dec/19 A	28/Jan/20 A	<div><div></div><div>Prepare and Submit Package Paint & Coating</div></div>																					
	SM 9 1520	Review and Approve Package Paint & Coating	15	0	100%	29/Jan/20 A	24/Feb/20 A	<div><div></div><div>Review and Approve Package Paint & Coating</div></div>																					
	SM 9 1530	Order and Deliver Paint & Coating	1	0	100%	25/Feb/20 A	25/Feb/20 A	<div><div></div><div>Order and Deliver Paint & Coating</div></div>																					
	099300 Staining and Transparent Finishing		38	0		31/Dec/19 A	25/Feb/20 A	<div><div></div><div></div></div>																					
	SM 9 1540	Prepare and Submit Package Paint & Coating	20	0	100%	31/Dec/19 A	28/Jan/20 A	<div><div></div><div>Prepare and Submit Package Paint & Coating</div></div>																					
	SM 9 1550	Review and Approve Package Paint & Coating	15	0	100%	29/Jan/20 A	24/Feb/20 A	<div><div></div><div>Review and Approve Package Paint & Coating</div></div>																					
	SM 9 1560	Fabricate and Deliver Paint & Coating	0	0	100%	25/Feb/20 A	25/Feb/20 A	<div><div></div><div>Fabricate and Deliver Paint & Coating</div></div>																					
	099600 High Performance Coating		40	0		31/Dec/19 A	26/Feb/20 A	<div><div></div><div></div></div>																					
	SM 9 1570	Prepare and Submit Package Paint & Coating	20	0	100%	31/Dec/19 A	28/Jan/20 A	<div><div></div><div>Prepare and Submit Package Paint & Coating</div></div>																					
	SM 9 1580	Review and Approve Package Paint & Coating	15	0	100%	29/Jan/20 A	24/Feb/20 A	<div><div></div><div>Review and Approve Package Paint & Coating</div></div>																					
	SM 9 1590	Fabricate and Deliver Paint & Coating	2	0	100%	25/Feb/20 A	26/Feb/20 A	<div><div></div><div>Fabricate and Deliver Paint & Coating</div></div>																					
	Division 10 - Specialties		147	70		31/Dec/19 A	28/Jul/20	<div><div></div><div></div></div>																					
	101100 Visual Display Surfaces		93	25		31/Dec/19 A	22/May/20	<div><div></div><div></div></div>																					

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Summary

Actual Work

Remaining Work

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Critical Remaining Work

Actual Milestone

Milestone

Critical Milestone

Manchester Memorial Elementary School

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W.T. Rich Company, Inc.

APRIL 2020 SCHEDULE

Project Controls 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	Q4
Division 10 - Equipment	SM 10 100	Prepare and Submit Package Display Units	15	0	100%	31/Dec/19 A	21/Jan/20 A	<div><div></div> Prepare and Submit Package Display Units</div>																					
	SM 10 200	Review and Approve Package Display Units	15	0	100%	22/Jan/20 A	14/Feb/20 A	<div><div></div> Review and Approve Package Display Units</div>																					
	SM 10 280	Fabricate and Deliver Visual Display Unit	60	25	58.33%	18/Feb/20 A	22/May/20	<div><div></div><div></div> Fabricate and Deliver Visual Display Unit</div>																					
	101400 Signage		117	40		31/Dec/19 A	15/Jun/20	<div><div></div></div>																					
	SM 10 110	Prepare and Submit Package Signage	15	0	100%	31/Dec/19 A	04/Feb/20 A	<div><div></div> Prepare and Submit Package Signage</div>																					
	SM 10 190	Review and Approve Package Signage	15	10	33.33%	05/Feb/20 A	01/May/20	<div><div></div> Review and Approve Package Signage</div>																					
	SM 10 270	Fabricate and Deliver Signage	30	30	0%	04/May/20	15/Jun/20	<div><div></div> Fabricate and Deliver Signage</div>																					
	101453 Traffic Signage		70	70		20/Apr/20	28/Jul/20	<div><div></div></div>																					
	SM10 1000	Prepare and Submit Package Traffic Signage	10	10	0%	20/Apr/20	01/May/20	<div><div></div> Prepare and Submit Package Traffic Signage</div>																					
	SM10 1010	Review and Approve Package Traffic Signage	10	10	0%	04/May/20	15/May/20	<div><div></div> Review and Approve Package Traffic Signage</div>																					
	SM10 1020	Fabricate and Deliver Traffic Signage	50	50	0%	18/May/20	28/Jul/20	<div><div></div> Fabricate and Deliver Traffic Signage</div>																					
	102113 Phenolic-Core Toilet Compartments		92	30		31/Dec/19 A	01/Jun/20	<div><div></div></div>																					
	SM 10 120	Prepare and Submit Package Toilet Partitions	15	0	100%	31/Dec/19 A	21/Feb/20 A	<div><div></div> Prepare and Submit Package Toilet Partitions</div>																					
	SM 10 210	Review and Approve Package Partitions	15	0	100%	24/Feb/20 A	13/Mar/20 A	<div><div></div> Review and Approve Package Partitions</div>																					
	SM 10 290	Fabricate and Deliver Toilet Partitions	40	30	25%	16/Mar/20 A	01/Jun/20	<div><div></div> Fabricate and Deliver Toilet Partitions</div>																					
	102800 Toilet Accessories		63	30		31/Dec/19 A	01/Jun/20	<div><div></div></div>																					
	SM 10 150	Prepare and Submit Package Toilet Accessories	25	0	100%	31/Dec/19 A	04/Feb/20 A	<div><div></div> Prepare and Submit Package Toilet Accessories</div>																					
	SM 10 240	Review and Approve Package Toilet Accessories	25	0	100%	05/Feb/20 A	14/Feb/20 A	<div><div></div> Review and Approve Package Toilet Accessories</div>																					
	SM 10 320	Fabricate and Deliver Bath Accessories	30	30	0%	18/Feb/20 A	01/Jun/20	<div><div></div> Fabricate and Deliver Bath Accessories</div>																					
	104413 Fire Extinguisher Cabinets		58	26		31/Dec/19 A	26/May/20	<div><div></div></div>																					
	SM 10 340	Prepare and Submit Package Fire Cabinets	25	0	100%	31/Dec/19 A	05/Feb/20 A	<div><div></div> Prepare and Submit Package Fire Cabinets</div>																					
	SM 10 350	Review and Approve Package Fire Cabinets	5	0	100%	03/Feb/20 A	07/Feb/20 A	<div><div></div> Review and Approve Package Fire Cabinets</div>																					
	SM 10 360	Fabricate and Deliver Fire Protection Cabinets	30	26	13.33%	10/Feb/20 A	26/May/20	<div><div></div><div></div> Fabricate and Deliver Fire Protection Cabinets</div>																					
	104416 Fire Extinguishers		58	26		31/Dec/19 A	26/May/20	<div><div></div></div>																					
	SM 10 160	Prepare and Submit Package Fire Extinguishers	25	0	100%	31/Dec/19 A	05/Feb/20 A	<div><div></div> Prepare and Submit Package Fire Extinguishers</div>																					
	SM 10 250	Review and Approve Package Fire Extinguishers	5	0	100%	03/Feb/20 A	07/Feb/20 A	<div><div></div> Review and Approve Package Fire Extinguishers</div>																					
	SM 10 330	Fabricate and Deliver Fire Protection Extinguishers	30	26	13.33%	10/Feb/20 A	26/May/20	<div><div></div><div></div> Fabricate and Deliver Fire Protection Extinguishers</div>																					
	Division 11 - Equipment		336	259		31/Dec/19 A	26/Apr/21	<div><div></div></div>																					
	113100 - Residential Appliances		91	29		31/Dec/19 A	29/May/20	<div><div></div></div>																					
	SM11 1030	Prepare and Submit Package Appliances	15	3	80%	31/Dec/19 A	22/Apr/20	<div><div></div> Prepare and Submit Package Appliances</div>																					
	SM11 1040	Review and Approve Package Appliances	15	0	100%	06/Feb/20 A	27/Feb/20 A	<div><div></div> Review and Approve Package Appliances</div>																					
	SM11 1050	Fabricate and Deliver Appliances	50	29	42%	28/Feb/20 A	29/May/20	<div><div></div> Fabricate and Deliver Appliances</div>																					
	114000 - Food Service Equipment		269	259		02/Apr/20 A	26/Apr/21	<div><div></div></div>																					
	SM11 1000	Prepare and Submit Package Food Service Equipment	25	0	100%	02/Apr/20 A	03/Apr/20 A	<div><div></div> Prepare and Submit Package Food Service Equipment</div>																					
	SM11 1010	Review and Approve Package Food Service Equipment	25	10	60%	06/Apr/20 A	01/May/20	<div><div></div> Review and Approve Package Food Service Equipment</div>																					
	SM11 1020	Fabricate and Deliver Food Service Equipment Phase 2	249	249	0%	04/May/20	26/Apr/21	<div><div></div> Fabricate and Deliver Food Service Equipment Phase 2</div>																					
115700 - Misc Equipment		118	41		31/Dec/19 A	16/Jun/20	<div><div></div></div>																						
SM11 1060	Prepare and Submit Package Misc Equipment	15	0	100%	31/Dec/19 A	04/Feb/20 A	<div><div></div> Prepare and Submit Package Misc Equipment</div>																						
SM11 1070	Review and Approve Package Misc Equipment	16	1	93.75%	05/Feb/20 A	20/Apr/20	<div><div></div> Review and Approve Package Misc Equipment</div>																						
SM11 1080	Fabricate and Deliver Misc Equipment	40	40	0%	21/Apr/20	16/Jun/20	<div><div></div> Fabricate and Deliver Misc Equipment</div>																						
Division 12 - Furnishings		118	41		31/Dec/19 A	16/Jun/20	<div><div></div></div>																						
122413 - Window Shades		118	41		31/Dec/19 A	16/Jun/20	<div><div></div></div>																						
SM 12 120	Prepare and Submit Package Window Shades	15	0	100%	31/Dec/19 A	14/Feb/20 A	<div><div></div> Prepare and Submit Package Window Shades</div>																						
SM 12 130	Review and Approve Package Window Shades	30	1	96.67%	18/Feb/20 A	20/Apr/20	<div><div></div> Review and Approve Package Window Shades</div>																						
SM 12 160	Fabricate and Deliver Window Shades	40	40	0%	21/Apr/20	16/Jun/20	<div><div></div> Fabricate and Deliver Window Shades</div>																						
123623 -Plastic Laminate Clad Countertops		78	15		31/Dec/19 A	08/May/20	<div><div></div></div>																						
SM 12 220	Prepare and Submit Package Plastic Laminate Countertops	10	0	100%	31/Dec/19 A	14/Jan/20 A	<div><div></div> Prepare and Submit Package Plastic Laminate Countertops</div>																						
SM 12 230	Review and Approve Package Plastic Laminate Countertops	20	0	100%	15/Jan/20 A	07/Feb/20 A	<div><div></div> Review and Approve Package Plastic Laminate Countertops</div>																						
SM 12 240	Fabricate and Deliver Plastic Laminate Countertops	50	15	70%	10/Feb/20 A	08/May/20	<div><div></div><div></div> Fabricate and Deliver Plastic Laminate Countertops</div>																						
Division 14 - Lifts		166	13		15/Aug/19 A	06/May/20	<div><div></div></div>																						
142100 - Electric Traction Elevator		166	13		15/Aug/19 A	06/May/20	<div><div></div></div>																						

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Actual Work

Remaining Work

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APRIL 2020 SCHEDULE

Project Controls SCHEDULE

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
	SM13 1000	Prepare and Submit Package Elevator	20	0	100%	15/Aug/19 A	28/Aug/19 A																						
	SM13 1010	Review and Approve Package Elevator	25	0	100%	29/Aug/19 A	27/Sep/19 A																						
	SM13 1020	Fabricate & Deliver Elevator	90	13	85.56%	27/Sep/19 A	06/May/20																						
	SM13 1030	Fabricate & Deliver Guide Rail Inserts / Embed Items	1	0	100%	27/Sep/19 A	27/Sep/19 A																						
Division 21 - Fire Protection		52	0		22/Oct/19 A	29/Jan/20 A																							
Pipe & Fittings		47	0		22/Oct/19 A	29/Jan/20 A																							
SM 21 140	Prepare and Submit Package Pipe, Fittings	15	0	100%	22/Oct/19 A	01/Nov/19 A																							
SM 21 180	Review and Approve Package Pipe, Fittings	15	0	100%	31/Oct/19 A	20/Nov/19 A																							
SM 21 240	Fab & Del Fire Protection - Pipe, Fittings	25	0	100%	21/Nov/19 A	29/Jan/20 A																							
Joints		47	0		22/Oct/19 A	29/Jan/20 A																							
SM21 1000	Prepare and Submit Package Joints	15	0	100%	22/Oct/19 A	08/Nov/19 A																							
SM21 1010	Review and Approve Package Joints	15	0	100%	31/Oct/19 A	20/Nov/19 A																							
SM21 1020	Fab & Del Fire Protection - Joints	25	0	100%	21/Nov/19 A	29/Jan/20 A																							
Valves		47	0		22/Oct/19 A	29/Jan/20 A																							
SM 21 150	Prepare and Submit Package Valves	20	0	100%	22/Oct/19 A	08/Nov/19 A																							
SM 21 220	Review and Approve Package Valves	20	0	100%	31/Oct/19 A	27/Nov/19 A																							
SM 21 290	Fabricate and Deliver Valves	20	0	100%	29/Nov/19 A	29/Jan/20 A																							
Sprinklers		52	0		22/Oct/19 A	29/Jan/20 A																							
SM 21 210	Prepare and Submit Package Sprinkler Heads	10	0	100%	22/Oct/19 A	13/Nov/19 A																							
SM 21 250	Review and Approve Sprinkler Heads	10	0	100%	14/Nov/19 A	27/Nov/19 A																							
SM 21 280	Fab & Deliver Sprinkler Heads	25	0	100%	29/Nov/19 A	29/Jan/20 A																							
Fire Dept Connections		52	0		22/Oct/19 A	29/Jan/20 A																							
SM21 1030	Prepare and Submit Package Fire Dept Connections	10	0	100%	22/Oct/19 A	13/Nov/19 A																							
SM21 1040	Review and Approve Fire Dept Connections	10	0	100%	14/Nov/19 A	27/Nov/19 A																							
SM21 1050	Fab & Deliver Fire Dept Connections	25	0	100%	29/Nov/19 A	29/Jan/20 A																							
Fire Standpipe Equipment		52	0		22/Oct/19 A	29/Jan/20 A																							
SM21 1060	Prepare and Submit Package Fire Standpipe Equip	10	0	100%	22/Oct/19 A	13/Nov/19 A																							
SM21 1070	Review and Approve Fire Standpipe Equip	10	0	100%	14/Nov/19 A	27/Nov/19 A																							
SM21 1080	Fab & Deliver Fire Standpipe Equip	25	0	100%	29/Nov/19 A	29/Jan/20 A																							
Roof Manifold		52	0		22/Oct/19 A	29/Jan/20 A																							
SM21 1090	Prepare and Submit Package Roof Manifold	10	0	100%	22/Oct/19 A	13/Nov/19 A																							
SM21 1100	Review and Approve Roof Manifold	10	0	100%	14/Nov/19 A	27/Nov/19 A																							
SM21 1110	Fab & Deliver Roof Manifold	25	0	100%	29/Nov/19 A	29/Jan/20 A																							
Fire Dept Hydrant Connection		52	0		22/Oct/19 A	29/Jan/20 A																							
SM21 1120	Prepare and Submit Package Fire Dept Hydrant Connection	10	0	100%	22/Oct/19 A	13/Nov/19 A																							
SM21 1130	Review and Approve Fire Dept Hydrant Connection	10	0	100%	14/Nov/19 A	27/Nov/19 A																							
SM21 1140	Fab & Deliver Fire Dept Hydrant Connection	25	0	100%	29/Nov/19 A	29/Jan/20 A																							
Supplementary Steel Channels & Supports		52	0		22/Oct/19 A	29/Jan/20 A																							
SM21 1150	Prepare and Submit Package Steel Channels & Supports	10	0	100%	22/Oct/19 A	13/Nov/19 A																							
SM21 1160	Review and Approve Steel Channels & Supports	10	0	100%	14/Nov/19 A	27/Nov/19 A																							
SM21 1170	Fab & Deliver Steel Channels & Supports	25	0	100%	29/Nov/19 A	29/Jan/20 A																							
Hangers & Seismic Restraints		42	0		22/Oct/19 A	29/Jan/20 A																							
SM 21 110	Prepare and Submit Package Hangers	10	0	100%	22/Oct/19 A	13/Nov/19 A																							
SM 21 190	Review and Approve Package Hangers	10	0	100%	14/Nov/19 A	27/Nov/19 A																							
SM 21 260	Fabricate and Deliver Fire Protection Hangers & Seismic Restraini	15	0	100%	29/Nov/19 A	29/Jan/20 A																							
Alarm Devices		52	0		22/Oct/19 A	29/Jan/20 A																							
SM21 1180	Prepare and Submit Package Alarm Devices	10	0	100%	22/Oct/19 A	13/Nov/19 A																							
SM21 1190	Review and Approve Alarm Devices	10	0	100%	14/Nov/19 A	27/Nov/19 A																							
SM21 1200	Fab & Deliver Alarm Devices	25	0	100%	29/Nov/19 A	29/Jan/20 A																							
Double Check Valve		52	0		22/Oct/19 A	29/Jan/20 A																							
SM21 1210	Prepare and Submit Package Double Check Valves	10	0	100%	22/Oct/19 A	13/Nov/19 A																							

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APRIL 2020 SCHEDULE

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Division 22 - Plumbing	SM21 1220	Review and Approve Double Check Valves	10	0	100%	14/Nov/19 A																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</

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Data Date: 20/Apr/20
Print Date: 08/May/20
Layout: Owner

Summary

Actual Work

Remaining Work

Remaining Level of Effort

Critical Remaining Work

Actual Milestone

Milestone

Critical Milestone

Manchester Memorial Elementary School

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

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Access Panels & Covers		52	0		22/Oct/19 A	13/Dec/19 A																							
SM 22 180	Prepare and Submit Package Access Panels	15	0	100%	22/Oct/19 A	20/Nov/19 A	Prepare and Submit Package Access Panels																						
SM 22 310	Review and Approve Package Access Panels	15	0	100%	21/Nov/19 A	12/Dec/19 A	Review and Approve Package Access Panels																						
SM 22 470	Fabricate and Deliver Plumbing Access Panels	15	0	100%	13/Dec/19 A	13/Dec/19 A	Fabricate and Deliver Plumbing Access Panels																						
Steel Channels & Supports		52	0		22/Oct/19 A	13/Dec/19 A																							
SM22 1180	Prepare and Submit Package Steel Channels & Supportd	10	0	100%	22/Oct/19 A	13/Nov/19 A	Prepare and Submit Package Steel Channels & Supportd																						
SM22 1190	Review and Approve Package Steel Channels & Supportd	10	0	100%	14/Nov/19 A	27/Nov/19 A	Review and Approve Package Steel Channels & Supportd																						
SM22 1200	Fabricate and Deliver Plumbing Steel Channels & Supportd	25	0	100%	29/Nov/19 A	13/Dec/19 A	Fabricate and Deliver Plumbing Steel Channels & Supportd																						
Hangers, Anchors, Guides, Supports		47	0		22/Oct/19 A	13/Dec/19 A																							
SM 22 120	Prepare and Submit Package Hangers	15	0	100%	22/Oct/19 A	20/Nov/19 A	Prepare and Submit Package Hangers																						
SM 22 270	Review and Approve Package Hangers	15	0	100%	21/Nov/19 A	12/Dec/19 A	Review and Approve Package Hangers																						
SM 22 420	Fabricate and Deliver Plumbing Hangers	10	0	100%	13/Dec/19 A	13/Dec/19 A	Fabricate and Deliver Plumbing Hangers																						
Floor Drains		52	0		22/Oct/19 A	13/Dec/19 A																							
SM 22 160	Prepare and Submit Drains	15	0	100%	22/Oct/19 A	20/Nov/19 A	Prepare and Submit Drains																						
SM 22 290	Review and Approve Package Drains	15	0	100%	21/Nov/19 A	12/Dec/19 A	Review and Approve Package Drains																						
SM 22 450	Fabricate and Deliver Roof & Floor Drain	15	0	100%	13/Dec/19 A	13/Dec/19 A	Fabricate and Deliver Roof & Floor Drain																						
Fixtures		82	25		22/Oct/19 A	22/May/20																							
SM 22 110	Prepare and Submit Package Plumbing Fixtures	20	0	100%	22/Oct/19 A	27/Nov/19 A	Prepare and Submit Package Plumbing Fixtures																						
SM 22 410	Review and Approve Package Plumbing Fictures	15	0	100%	29/Nov/19 A	19/Dec/19 A	Review and Approve Package Plumbing Fictures																						
SM 22 560	Fabricate and Deliver Plumbing Fixtures	40	25	37.5%	20/Dec/19 A	22/May/20	Fabricate and Deliver Plumbing Fixtures																						
Backflow Preventers		52	0		22/Oct/19 A	13/Dec/19 A																							
SM22 1210	Prepare and Submit Package Backflow Preventers	10	0	100%	22/Oct/19 A	13/Nov/19 A	Prepare and Submit Package Backflow Preventers																						
SM22 1220	Review and Approve Package Backflow Preventers	10	0	100%	14/Nov/19 A	27/Nov/19 A	Review and Approve Package Backflow Preventers																						
SM22 1230	Fabricate and Deliver Plumbing Backflow Preventers	25	0	100%	29/Nov/19 A	13/Dec/19 A	Fabricate and Deliver Plumbing Backflow Preventers																						
Unions & Nipples		47	0		22/Oct/19 A	13/Dec/19 A																							
SM22 1240	Prepare and Submit Package Unions & Nipples	10	0	100%	22/Oct/19 A	13/Nov/19 A	Prepare and Submit Package Unions & Nipples																						
SM22 1250	Review and Approve Package Unions & Npples	10	0	100%	14/Nov/19 A	27/Nov/19 A	Review and Approve Package Unions & Npples																						
SM22 1260	Fabricate and Deliver Plumbing Unions & Nipples	20	0	100%	29/Nov/19 A	13/Dec/19 A	Fabricate and Deliver Plumbing Unions & Nipples																						
Water Heaters		97	0		22/Oct/19 A	10/Apr/20 A																							
SM22 1270	Prepare and Submit Package Water Heaters	20	0	100%	22/Oct/19 A	27/Nov/19 A	Prepare and Submit Package Water Heaters																						
SM22 1280	Review and Approve Package Water Heaters	20	0	100%	29/Nov/19 A	21/Feb/20 A	Review and Approve Package Water Heaters																						
SM22 1290	Fabricate and Deliver Plumbing water Heaters	12	0	100%	24/Feb/20 A	10/Apr/20 A	Fabricate and Deliver Plumbing water Heaters																						
Non-potable Water Heater		97	0		22/Oct/19 A	10/Mar/20 A																							
SM22 1300	Prepare and Submit Package Non-potable Water Heater	20	0	100%	22/Oct/19 A	27/Nov/19 A	Prepare and Submit Package Non-potable Water Heater																						
SM22 1310	Review and Approve Package Non-potable Water Heater	20	0	100%	29/Nov/19 A	21/Jan/20 A	Review and Approve Package Non-potable Water Heater																						
SM22 1320	Fabricate and Deliver Plumbing Non-potable Water Heater	34	0	100%	22/Jan/20 A	10/Mar/20 A	Fabricate and Deliver Plumbing Non-potable Water Heater																						
Sump Pump Systems		70	0		22/Oct/19 A	02/Mar/20 A																							
SM22 1330	Prepare and Submit Package Sump Pump System	20	0	100%	22/Oct/19 A	27/Nov/19 A	Prepare and Submit Package Sump Pump System																						
SM22 1340	Review and Approve Package Sump Pump System	20	0	100%	29/Nov/19 A	31/Jan/20 A	Review and Approve Package Sump Pump System																						
SM22 1350	Fabricate and Deliver Plumbing Sump Pump System	0	0	100%	31/Jan/20 A	02/Mar/20 A	Fabricate and Deliver Plumbing Sump Pump System																						
Tempering Valves		70	0		22/Oct/19 A	02/Mar/20 A																							
SM22 1360	Prepare and Submit Package Tempering Valves	20	0	100%	22/Oct/19 A	27/Nov/19 A	Prepare and Submit Package Tempering Valves																						
SM22 1370	Review and Approve Package Tempering Valves	20	0	100%	29/Nov/19 A	31/Jan/20 A	Review and Approve Package Tempering Valves																						
SM22 1380	Fabricate and Deliver Plumbing Tempering Valves	0	0	100%	31/Jan/20 A	02/Mar/20 A	Fabricate and Deliver Plumbing Tempering Valves																						
Recirculating Hot Water Pumps		93	0		22/Oct/19 A	04/Mar/20 A																							
SM22 1390	Prepare and Submit Package Recirculating Hot Water Pumps	20	0	100%	22/Oct/19 A	27/Nov/19 A	Prepare and Submit Package Recirculating Hot Water Pumps																						
SM22 1400	Review and Approve Package Recirculating Hot Water Pumps	20	0	100%	29/Nov/19 A	31/Dec/19 A	Review and Approve Package Recirculating Hot Water Pumps																						
SM22 1410	Fabricate and Deliver Plumbing Recirculating Hot Water Pumps	45	0	100%	31/Dec/19 A	04/Mar/20 A	Fabricate and Deliver Plumbing Recirculating Hot Water Pumps																						
Air Intake & Exhaust Breeching - Chimney, Stacks		80	0		22/Oct/19 A	13/Feb/20 A																							
SM22 1420	Prepare and Submit Package Air Intake & Exhaust Breeching	20	0	100%	22/Oct/19 A	27/Nov/19 A	Prepare and Submit Package Air Intake & Exhaust Breeching																						
SM22 1430	Review and Approve Package Air Intake & Exhaust Breeching	20	0	100%	29/Nov/19 A	31/Jan/20 A	Review and Approve Package Air Intake & Exhaust Breeching																						

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Division 22 - Plumbing	SM22 1440	Fabricate and Deliver Plumbing Air Intake & Exhaust Breeching	10	0	100%	31/Jan/20 A	13/Feb/20 A	Fabricate and Deliver Plumbing Air Intake & Exhaust Breeching																					
	Condensate Neutralizing Tubes		70	0		22/Oct/19 A	13/Feb/20 A	Condensate Neutralizing Tubes																					
	SM22 1450	Prepare and Submit Package Condensate Neutralizing Tubes	20	0	100%	22/Oct/19 A	27/Nov/19 A	Prepare and Submit Package Condensate Neutralizing Tubes																					
	SM22 1460	Review and Approve Package Condensate Neutralizing Tubes	20	0	100%	29/Nov/19 A	31/Jan/20 A	Review and Approve Package Condensate Neutralizing Tubes																					
	SM22 1470	Fabricate and Deliver Plumbing Condensate Neutralizing Tubes	0	0	100%	31/Jan/20 A	13/Feb/20 A	Fabricate and Deliver Plumbing Condensate Neutralizing Tubes																					
	Natural Gas Sub Meter		67	0		22/Oct/19 A	13/Feb/20 A	Natural Gas Sub Meter																					
	SM22 1510	Prepare and Submit Package Natural Gas Sub-Meter	20	0	100%	22/Oct/19 A	27/Nov/19 A	Prepare and Submit Package Natural Gas Sub-Meter																					
	SM22 1520	Review and Approve Package Natural Gas Sub-Meter	20	0	100%	29/Nov/19 A	27/Dec/19 A	Review and Approve Package Natural Gas Sub-Meter																					
	SM22 1530	Fabricate and Deliver Plumbing Natural Gas Sub-Meter	20	0	100%	30/Dec/19 A	13/Feb/20 A	Fabricate and Deliver Plumbing Natural Gas Sub-Meter																					
	Water Meter		67	0		22/Oct/19 A	31/Mar/20 A	Water Meter																					
	SM22 1540	Prepare and Submit Package Water Meter	20	0	100%	22/Oct/19 A	27/Nov/19 A	Prepare and Submit Package Water Meter																					
	SM22 1550	Review and Approve Package Water Meter	20	0	100%	29/Nov/19 A	27/Dec/19 A	Review and Approve Package Water Meter																					
	SM22 1560	Fabricate and Deliver Plumbing Water Meter	20	0	100%	30/Dec/19 A	31/Mar/20 A	Fabricate and Deliver Plumbing Water Meter																					
	Domestic Water Sub- Meter		67	0		22/Oct/19 A	31/Jan/20 A	Domestic Water Sub- Meter																					
	SM22 1570	Prepare and Submit Package Domestic Water Sub-Meter	20	0	100%	22/Oct/19 A	27/Nov/19 A	Prepare and Submit Package Domestic Water Sub-Meter																					
	SM22 1580	Review and Approve Package Domestic Water Sub-Meter	20	0	100%	29/Nov/19 A	27/Dec/19 A	Review and Approve Package Domestic Water Sub-Meter																					
	SM22 1590	Fabricate and Deliver Plumbing Domestic Water Sub-Meter	20	0	100%	30/Dec/19 A	31/Jan/20 A	Fabricate and Deliver Plumbing Domestic Water Sub-Meter																					
	Emergency Gas Solenoid Valve		67	0		22/Oct/19 A	31/Mar/20 A	Emergency Gas Solenoid Valve																					
	SM22 1600	Prepare and Submit Package Emergency Gas Solenoid Valve	20	0	100%	22/Oct/19 A	27/Nov/19 A	Prepare and Submit Package Emergency Gas Solenoid Valve																					
	SM22 1610	Review and Approve Package Emergency Gas Solenoid Valve	20	0	100%	29/Nov/19 A	27/Dec/19 A	Review and Approve Package Emergency Gas Solenoid Valve																					
SM22 1620	Fabricate and Deliver Plumbing Emergency Gas Solenoid Valve	20	0	100%	30/Dec/19 A	31/Mar/20 A	Fabricate and Deliver Plumbing Emergency Gas Solenoid Valve																						
Firestop Systems		67	0		22/Oct/19 A	31/Jan/20 A	Firestop Systems																						
SM22 1630	Prepare and Submit Package Firestop Systems	20	0	100%	22/Oct/19 A	27/Nov/19 A	Prepare and Submit Package Firestop Systems																						
SM22 1640	Review and Approve Package Firestop Systems	20	0	100%	29/Nov/19 A	27/Dec/19 A	Review and Approve Package Firestop Systems																						
SM22 1650	Fabricate and Deliver Plumbing Firestop Systems	20	0	100%	30/Dec/19 A	31/Jan/20 A	Fabricate and Deliver Plumbing Firestop Systems																						
Division 23 - HVAC		178	15		28/Aug/19 A	08/May/20	Division 23 - HVAC																						
Valves		58	0		22/Oct/19 A	14/Jan/20 A	Valves																						
SM 23 150	Prepare and Submit Package - Valves	15	0	100%	22/Oct/19 A	08/Nov/19 A	Prepare and Submit Package - Valves																						
SM 23 390	Review and Approve Package - Valves	15	0	100%	31/Oct/19 A	20/Nov/19 A	Review and Approve Package - Valves																						
SM 23 580	Fabricate and Deliver HVAC Valves	10	0	100%	31/Dec/19 A	14/Jan/20 A	Fabricate and Deliver HVAC Valves																						
Meters & Gages		58	0		22/Oct/19 A	14/Jan/20 A	Meters & Gages																						
SM 23 120	Prepare and Submit Package - Meters & Gauges	15	0	100%	22/Oct/19 A	08/Nov/19 A	Prepare and Submit Package - Meters & Gauges																						
SM 23 370	Review and Approve Package - Meters & Gauges	15	0	100%	31/Oct/19 A	20/Nov/19 A	Review and Approve Package - Meters & Gauges																						
SM 23 560	Fabricate and Deliver HVAC Meters & Gauges	10	0	100%	31/Dec/19 A	14/Jan/20 A	Fabricate and Deliver HVAC Meters & Gauges																						
Hangers and Attachments		68	0		22/Oct/19 A	03/Jan/20 A	Hangers and Attachments																						
SM 23 230	Prepare and Submit Package - Pipe Hangers, Sleeves	15	0	100%	22/Oct/19 A	04/Nov/19 A	Prepare and Submit Package - Pipe Hangers, Sleeves																						
SM 23 320	Review and Approve Package - Pipe Hangers, Sleeves	15	0	100%	07/Nov/19 A	20/Nov/19 A	Review and Approve Package - Pipe Hangers, Sleeves																						
SM 23 510	Fabricate and Deliver HVAC Pipe Hangers, Sleeves	20	0	100%	20/Nov/19 A	03/Jan/20 A	Fabricate and Deliver HVAC Pipe Hangers, Sleeves																						
Mechanical Identification		68	0		22/Oct/19 A	03/Jan/20 A	Mechanical Identification																						
SM 23 280	Prepare and Submit Package - Tagging	15	0	100%	22/Oct/19 A	07/Nov/19 A	Prepare and Submit Package - Tagging																						
SM 23 450	Review and Approve Package - Tagging	15	0	100%	31/Oct/19 A	20/Nov/19 A	Review and Approve Package - Tagging																						
SM 23 660	Fabricate and Deliver HVAC Tagging	20	0	100%	20/Nov/19 A	03/Jan/20 A	Fabricate and Deliver HVAC Tagging																						
Mechanical & Grease Duct Insulation		63	0		22/Oct/19 A	21/Jan/20 A	Mechanical & Grease Duct Insulation																						
SM 23 110	Prepare and Submit Package - Mechanical Insulation	10	0	100%	22/Oct/19 A	13/Nov/19 A	Prepare and Submit Package - Mechanical Insulation																						
SM 23 470	Review and Approve Package - Mechanical Insulation	15	0	100%	14/Nov/19 A	05/Dec/19 A	Review and Approve Package - Mechanical Insulation																						
SM 23 680	Fabricate and Deliver HVAC Insulation	15	0	100%	31/Dec/19 A	21/Jan/20 A	Fabricate and Deliver HVAC Insulation																						
Hydronic Piping		58	0		22/Oct/19 A	14/Jan/20 A	Hydronic Piping																						
SM 23 900	Prepare and Submit Package - Hydronic Piping	15	0	100%	22/Oct/19 A	07/Nov/19 A	Prepare and Submit Package - Hydronic Piping																						
SM 23 920	Review and Approve Package - Hydronic Piping	15	0	100%	31/Oct/19 A	20/Nov/19 A	Review and Approve Package - Hydronic Piping																						
SM 23 940	Fabricate and Deliver HVAC Hydronic Piping	10	0	100%	20/Nov/19 A	14/Jan/20 A	Fabricate and Deliver HVAC Hydronic Piping																						
Refrigeration Piping		68	0		22/Oct/19 A	14/Jan/20 A	Refrigeration Piping																						

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	SM 23 910	Prepare and Submit Package - Refrigeration Piping	15	0	100%	22/Oct/19 A																							
	SM 23 930	Review and Approve Package - Refrigeration Piping	15	0	100%	31/Oct/19 A																							
	SM 23 950	Fabricate and Deliver HVAC Refrigeration Piping	20	0	100%	20/Nov/19 A																							
	Boilers		113	0		22/Oct/19 A																							
	SM23 1000	Prepare and Submit Package - Gas Fired Boiler	20	0	100%	22/Oct/19 A																							
	SM23 1010	Review and Approve Package - Gas Fired Boiler	20	0	100%	08/Nov/19 A																							
	SM23 1020	Fabricate and Deliver HVAC Gas Fired Boiler	60	0	100%	08/Jan/20 A																							
	Pumps		88	0		22/Oct/19 A																							
	SM23 1030	Prepare and Submit Package - Pumps	15	0	100%	22/Oct/19 A																							
	SM23 1040	Review and Approve Package - Pumps	15	0	100%	31/Dec/19 A																							
	SM23 1050	Fabricate and Deliver HVAC Pumps	25	0	100%	22/Jan/20 A																							
	Terminal Heating Units Hot Water		100	0		22/Oct/19 A																							
	SM 23 130	Prepare and Submit Package - Terminal Heating Units	10	0	100%	22/Oct/19 A																							
	SM 23 480	Review and Approve Package - Terminal Heating Units	10	0	100%	19/Nov/19 A																							
	SM 23 690	Fabricate and Deliver HVAC Terminal Heating Units Hydronic	50	0	100%	03/Jan/20 A																							
	Terminal Heating Units Electric		98	0		22/Oct/19 A																							
	SM23 1090	Prepare and Submit Package - Terminal Heating Units	10	0	100%	22/Oct/19 A																							
	SM23 1100	Review and Approve Package - Terminal Heating Units	10	0	100%	31/Dec/19 A																							
	SM23 1110	Fabricate and Deliver HVAC Terminal Heating Units Electric	40	0	100%	15/Jan/20 A																							
	Variable Air Volume Boxes		62	0		22/Oct/19 A																							
	SM23 1060	Prepare and Submit Package - VAV Boxes	15	0	100%	22/Oct/19 A																							
	SM23 1070	Review and Approve Package - VAV Boxes	15	0	100%	21/Nov/19 A																							
	SM23 1080	Fabricate and Deliver HVAC VAV Boxes	25	0	100%	13/Dec/19 A																							
	Rooftop Units		156	0		28/Aug/19 A																							
	SM 23 800	Prepare and Submit Package - Rooftop Units	20	0	100%	28/Aug/19 A																							
	SM 23 810	Review and Approve Package - Rooftop Units	25	0	100%	16/Sep/19 A																							
	SM 23 820	Fabricate and Deliver HVAC Rooftop Units	90	0	100%	14/Oct/19 A																							
	Ductless Cooling Unit Systems		115	0		22/Oct/19 A																							
	SM 23 160	Prepare and Submit Package - Ductless Cooling Unit Systems	10	0	100%	22/Oct/19 A																							
	SM 23 400	Review and Approve Package - Ductless Cooling Unit Systems	10	0	100%	07/Nov/19 A																							
	SM 23 590	Fabricate and Deliver HVAC Ductless Cooling Unit Systems	30	0	100%	01/Jan/20 A																							
	Power & Gravity Ventilators		66	0		22/Oct/19 A																							
	SM 23 180	Prepare and Submit Package - Power & Gravity Ventilators	15	0	100%	22/Oct/19 A																							
	SM 23 185	Review & Approve Package - Power & Gravity Ventilators	15	0	100%	31/Oct/19 A																							
	SM 23 610	Fabricate and Deliver HVAC Power & Gravity Ventilators	18	0	100%	31/Dec/19 A																							
	Metal Ductwork		32	0		22/Oct/19 A																							
	SM 3 190	Prepare and Submit Package - Metal Ductwork	15	0	100%	22/Oct/19 A																							
	SM 3 200	Review and Approve Package - Metal Ductwork	15	0	100%	31/Oct/19 A																							
	SM 3 210	Fabricate and Deliver HVAC Metal Ductwork	10	0	100%	21/Nov/19 A																							
	Metal Ductwork Accessories		32	0		22/Oct/19 A																							
	SM23 220	Prepare and Submit Package - Metal Ductwork Accessories	15	0	100%	22/Oct/19 A																							
	SM23 230	Review and Approve Package - Metal Ductwork Accessories	15	0	100%	31/Oct/19 A																							
	SM23 240	Fabricate and Deliver HVAC Metal Ductwork Accessories	10	0	100%	21/Nov/19 A																							
	Air Outlets & Inlets		93	0		22/Oct/19 A																							
	SM 23 600	Prepare & Submit Package - Air Outlets & Inlets	15	0	100%	22/Oct/19 A																							
	SM 23 100	Review & Approve Package - Air Outlets & Inlets	15	0	100%	31/Dec/19 A																							
	SM 23 110	Fabricate and Deliver Air Outlets & Inlets	30	0	100%	22/Jan/20 A																							
	Acoustic Duct Lining		32	0		22/Oct/19 A																							
	SM23 1120	Prepare and Submit Package - Acoustical Duct Lining	15	0	100%	22/Oct/19 A																							
	SM23 1130	Review and Approve Package - Acoustical Duct Lining	15	0	100%	31/Oct/19 A																							
	SM23 1140	Fabricate and Deliver HVAC Acoustical Duct Lining	10	0	100%	21/Nov/19 A																							

Start Date: 08/Feb/18
Finish Date: 26/Jan/22
Data Date: 20/Apr/20
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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.

APRIL 2020 SCHEDULE

Project Controls SCHEDULE

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
	SM26 1040	Review and Approve Package Electrical Power Equipment	15	0	100%	21/Nov/19 A																							
	SM26 1050	Fabricate & Deliver Dry Type Electrical Power Equipment	30	0	100%	19/Dec/19 A																							
	Electrical Controls & Instrumentents		83	0		22/Oct/19 A																							
	SM26 1060	Prepare and Submit Package Electrical Controls & Instruments	20	0	100%	22/Oct/19 A																							
	SM26 1070	Review and Approve Package Electrical Controls & Instruments	15	0	100%	29/Nov/19 A																							
	SM26 1080	Fabricate & Deliver Dry Type Electrical Controls & Instruments	20	0	100%	22/Jan/20 A																							
	Grounding		71	0		22/Oct/19 A																							
	SM 26 120	Prepare and Submit Package Grounding	20	0	100%	22/Oct/19 A																							
	SM 26 290	Review and Approve Package Grounding	15	0	100%	29/Nov/19 A																							
	SM 26 410	Fabricate & Deliver Grounding	15	0	100%	10/Dec/19 A																							
	Distribution Switchboard		138	0		15/Aug/19 A																							
	SM 26 180	Prepare and Submit Package Switchboard	25	0	100%	15/Aug/19 A																							
	SM 26 230	Review and Approve Package Switchboard	15	0	100%	23/Sep/19 A																							
	SM 26 350	Fabricate and Deliver Switchboard	50	0	100%	19/Dec/19 A																							
	Panel Boards		103	0		22/Oct/19 A																							
	SM 26 170	Prepare and Submit Package Panel Boards	15	0	100%	22/Oct/19 A																							
	SM 26 220	Review and Approve Package Panel Boards	15	0	100%	04/Nov/19 A																							
	SM 26 340	Fabricate and Deliver Electrical Panel Boards	50	0	100%	08/Jan/20 A																							
	Dry Type Transformers		113	0		22/Oct/19 A																							
	SM 26 710	Prepare and Submit Package Dry Type Transformers	15	0	100%	22/Oct/19 A																							
	SM 26 790	Review and Approve Package Dry Type Transformers	15	0	100%	21/Nov/19 A																							
	SM 26 840	Fabricate & Deliver Dry Type Transformors	60	0	100%	08/Jan/20 A																							
	Fire Alarm System		83	0		22/Oct/19 A																							
	SM 26 130	Prepare and Submit Package Fire Alarm System	25	0	100%	22/Oct/19 A																							
	SM 26 140	Review and Approve Package Fire Alarm System	10	0	100%	08/Jan/20 A																							
	SM 26 150	Fabricate & Deliver Fire Alarm System	10	0	100%	05/Feb/20 A																							
	Surge Protection Devices		88	0		22/Oct/19 A																							
	SM 26 110	Prepare and Submit Package Surge Protection Devices	10	0	100%	22/Oct/19 A																							
	SM 26 270	Review and Approve Package Surge Protection Devices	15	0	100%	31/Dec/19 A																							
	SM 26 390	Fabricate & Deliver Dry Type Surge Protection Devices	25	0	100%	22/Jan/20 A																							
	Lighting Control System		111	0		22/Oct/19 A																							
	SM 26 100	Prepare and Submit Package Lighting Control	20	0	100%	22/Oct/19 A																							
	SM 26 280	Review and Approve Package Lighting Control	5	0	100%	08/Nov/19 A																							
	SM 26 400	Fabricate & Deliver Lighting Control System	35	0	100%	10/Feb/20 A																							
	Wireways		61	0		22/Oct/19 A																							
	SM 26 700	Prepare and Submit Package Wireways	5	0	100%	22/Oct/19 A																							
	SM 26 750	Review and Approve Package Wireways	15	0	100%	27/Dec/19 A																							
	SM 26 800	Fabricate and Deliver Wireways	5	0	100%	08/Jan/20 A																							
	Seals		61	0		22/Oct/19 A																							
	SM 26 720	Prepare and Submit Package Seals	5	0	100%	22/Oct/19 A																							
	SM 26 760	Review and Approve Package Seals	15	0	100%	27/Dec/19 A																							
	SM 26 810	Fabricate and Deliver Seals	5	0	100%	30/Dec/19 A																							
	Standby Electrical System		127	39		22/Oct/19 A																							
	SM 26 740	Prepare and Submit Package Standby Electrical System	15	0	100%	22/Oct/19 A																							
	SM 26 780	Review and Approve Package Standby Electrical System	15	0	100%	06/Nov/19 A																							
	SM 26 830	Fabricate and Deliver Generator	80	39	51.25%	29/Nov/19 A																							
	Variable Frequency Drives		105	0		22/Oct/19 A																							
	SM26 1090	Prepare and Submit Package Variable Frequency Drives	10	0	100%	22/Oct/19 A																							
	SM26 1100	Review and Approve Package Variable Frequency Drives	10	0	100%	08/Jan/20 A																							
	SM26 1110	Fabricate & Deliver Dry Type Variable Frquesncy Drives	10	0	100%	09/Mar/20 A																							
	Firestop		56	0		22/Oct/19 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

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.

APRIL 2020 SCHEDULE

Project Controls SCHEDULE

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			14
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
26	SM 26 730	Prepare and Submit Package Firestop	5	0	100%	22/Oct/19 A	■ Prepare and Submit Package Firestop																						
	SM 26 770	Review and Approve Package Firestop	15	0	100%	07/Nov/19 A	■ Review and Approve Package Firestop																						
	SM 26 820	Fabricate and Deliver Firestop	15	0	100%	19/Dec/19 A	■ Fabricate and Deliver Firestop																						
	Cabling System		51	0		22/Oct/19 A	■ ■																						

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W.T. Rich Company, Inc.

APRIL 2020 SCHEDULE

Project Controls 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	Q4
Division 30 - Electrical	SM27 1290	Fabricate & Deliver Wireless Clock System	5	0	100%	08/Jan/20 A	14/Jan/20 A	Fabricate & Deliver Wireless Clock System																					
	Two Way Communications Call Boxes		58	0		22/Oct/19 A	14/Jan/20 A																						
	SM27 1300	Prepare & Submit Package - Two Way Call Box	15	0	100%	22/Oct/19 A	20/Nov/19 A	Prepare & Submit Package - Two Way Call Box																					
	SM27 1310	Review & Approve Package - Two Way Call Box	15	0	100%	19/Dec/19 A	07/Jan/20 A	Review & Approve Package - Two Way Call Box																					
	SM27 1320	Fabricate & Deliver Two Way Call Box	5	0	100%	08/Jan/20 A	14/Jan/20 A	Fabricate & Deliver Two Way Call Box																					
	Local Sound System		58	0		22/Oct/19 A	14/Jan/20 A																						
	SM27 1360	Prepare & Submit Package - Local Sound System	15	0	100%	22/Oct/19 A	20/Nov/19 A	Prepare & Submit Package - Local Sound System																					
	SM27 1370	Review & Approve Package - Local Sound System	15	0	100%	19/Dec/19 A	07/Jan/20 A	Review & Approve Package - Local Sound System																					
	SM27 1380	Fabricate & Deliver Local Sound System	5	0	100%	08/Jan/20 A	14/Jan/20 A	Fabricate & Deliver Local Sound System																					
	Elevator Phone Line Fault Monitor		58	0		22/Oct/19 A	14/Jan/20 A																						
	SM27 1330	Prepare & Submit Package - Elevator Phone Line Fault Monitor	15	0	100%	22/Oct/19 A	20/Nov/19 A	Prepare & Submit Package - Elevator Phone Line Fault Monitor																					
	SM27 1340	Review & Approve Package - Elevator Phone Line Fault Monitor	15	0	100%	19/Dec/19 A	07/Jan/20 A	Review & Approve Package - Elevator Phone Line Fault Monitor																					
	SM27 1350	Fabricate & Deliver Elevator Phone Line Fault Monitor	5	0	100%	08/Jan/20 A	14/Jan/20 A	Fabricate & Deliver Elevator Phone Line Fault Monitor																					
	CCTV System		58	0		22/Oct/19 A	14/Jan/20 A																						
	SM27 1390	Prepare & Submit Package - CCTV	15	0	100%	22/Oct/19 A	20/Nov/19 A	Prepare & Submit Package - CCTV																					
	SM27 1400	Review & Approve Package CCTV	15	0	100%	19/Dec/19 A	07/Jan/20 A	Review & Approve Package CCTV																					
	SM27 1410	Fabricate & Deliver CCTV	5	0	100%	08/Jan/20 A	14/Jan/20 A	Fabricate & Deliver CCTV																					
	Division 31 - Earthwork		45	0		30/May/19 A	01/Aug/19 A																						
	312100 Erosion & Sediment Control		30	0		30/May/19 A	11/Jul/19 A																						
	SM 31 1100	Submit & Review and Approve Erosion Controls	30	0	100%	30/May/19 A	11/Jul/19 A	Submit & Review and Approve Erosion Controls																					
	SM 31 1110	Order & Deliver Erosion Controls	5	0	100%	11/Jun/19 A	17/Jun/19 A	Order & Deliver Erosion Controls																					
	312000 Earth Moving		24	0		20/Jun/19 A	24/Jul/19 A																						
	SM 31 1120	Submit & Review and Approve Submittals	20	0	100%	20/Jun/19 A	19/Jul/19 A	Submit & Review and Approve Submittals																					
	SM 31 1130	Order & Deliver Materials	4	0	100%	19/Jul/19 A	24/Jul/19 A	Order & Deliver Materials																					
	316000 Ground Improvements		21	0		01/Jul/19 A	01/Aug/19 A																						
SM 31 1140	Prepare and Submit Design Ground Improvements	15	0	100%	01/Jul/19 A	23/Jul/19 A	Prepare and Submit Design Ground Improvements																						
SM 31 1160	Review & Approve Ground Improvements	5	0	100%	24/Jul/19 A	25/Jul/19 A	Review & Approve Ground Improvements																						
SM 31 1150	Release & Schedule Ground Improvements	4	0	100%	25/Jul/19 A	01/Aug/19 A	Release & Schedule Ground Improvements																						
316000 Slope Stability		22	0		02/Jul/19 A	01/Aug/19 A																							
SM 31 1170	Prepare and Submit Design Slope Stability	12	0	100%	02/Jul/19 A	22/Jul/19 A	Prepare and Submit Design Slope Stability																						
SM 31 1190	Review & Approve Slope Stability Design	5	0	100%	23/Jul/19 A	29/Jul/19 A	Review & Approve Slope Stability Design																						
SM 31 1180	Release & Schedule Slope Stability Scope	4	0	100%	29/Jul/19 A	01/Aug/19 A	Release & Schedule Slope Stability Scope																						
Division 32 - Exterior Improvements		284	249		02/Mar/20 A	12/Apr/21																							
321216 Asphalt Paving		95	95		20/Apr/20	01/Sep/20																							
SM 32 100	Prepare and Submit Package Bases, Ballasts, Paving	20	20	0%	20/Apr/20	15/May/20	Prepare and Submit Package Bases, Ballasts, Paving																						
SM 32 110	Review and Approve Package Bases, Ballasts, Paving	15	15	0%	18/May/20	08/Jun/20	Review and Approve Package Bases, Ballasts, Paving																						
SM 32 320	Fabricate and Deliver Bases, Ballasts, Paving	20	20	0%	05/Aug/20	01/Sep/20	Fabricate and Deliver Bases, Ballasts, Paving																						
321316 Concrete Paving		75	75		20/Apr/20	04/Aug/20																							
SM 32 100	Prepare and Submit Package - Concrete Paving	30	30	0%	20/Apr/20	01/Jun/20	Prepare and Submit Package - Concrete Paving																						
SM 32 200	Review and Approve Package - Concrete Paving	25	25	0%	02/Jun/20	07/Jul/20	Review and Approve Package - Concrete Paving																						
SM 32 270	Fabricate & Deliver Concrete Paving	20	20	0%	08/Jul/20	04/Aug/20	Fabricate & Deliver Concrete Paving																						
321500 Stone Dust Surfacing		20	20		20/Apr/20	15/May/20																							
SM 32 330	Prepare and Submit Package - Stone Dust Surfacing	10	10	0%	20/Apr/20	01/May/20	Prepare and Submit Package - Stone Dust Surfacing																						
SM 32 340	Review and Approve Package - Stone Dust Surfacing	5	5	0%	04/May/20	08/May/20	Review and Approve Package - Stone Dust Surfacing																						
SM 32 350	Fabricate & Deliver Stone Dust Surfacing	5	5	0%	11/May/20	15/May/20	Fabricate & Deliver Stone Dust Surfacing																						
321613.43 Granite Curbs		60	25		02/Mar/20 A	22/May/20																							
SM 32 540	Prepare and Submit Package - Granite Curbs	10	0	100%	02/Mar/20 A	13/Mar/20 A	Prepare and Submit Package - Granite Curbs																						
SM 32 550	Review and Approve Package - Granite Curbs	15	15	0%	16/Mar/20 A	08/May/20	Review and Approve Package - Granite Curbs																						
SM 32 560	Fabricate & Deliver Granite Curbs	10	10	0%	11/May/20	22/May/20	Fabricate & Deliver Granite Curbs																						
321713 Pavement Marking		35	35		20/Apr/20	08/Jun/20																							
SM 32 450	Prepare and Submit Package - Pavement Markings	10	10	0%	20/Apr/20	01/May/20	Prepare and Submit Package - Pavement Markings																						

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 Summary
 Actual Work
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 Actual Milestone
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 Critical Milestone

Manchester Memorial Elementary School

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APRIL 2020 SCHEDULE

Project Controls SCHEDULE

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							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
32	SM 32 460	Review and Approve Package - Pavement Markings	15	15	0%	04/May/20	22/May/20								<div><div></div> Review and Approve Package - Pavement Markings</div>																
	SM 32 470	Fabricate & Deliver Pavement Markings	10	10	0%	26/May/20	08/Jun/20								<div><div></div> Fabricate & Deliver Pavement Markings</div>																
	321723.13 Painted Pavement Markings		35	35		20/Apr/20	08/Jun/20																								
	SM 32 390	Prepare and Submit Package - Painted Pavement Markings	10	10	0%	20/Apr/20	01/May/20								<div><div></div> Prepare and Submit Package - Painted Pavement Markings</div>																
	SM 32 400	Review and Approve Package - Painted Pavement Markings	15	15	0%	04/May/20	22/May/20								<div><div></div> Review and Approve Package - Painted Pavement Markings</div>																
	SM 32 410	Fabricate & Deliver Painted Pavement Markings	10	10	0%	26/May/20	08/Jun/20								<div><div></div> Fabricate & Deliver Painted Pavement Markings</div>																
	321726 Tactile Warning Surfacing		35	35		20/Apr/20	08/Jun/20																								
	SM 32 360	Prepare and Submit Package - Tactile Warning Surfacing	10	10	0%	20/Apr/20	01/May/20								<div><div></div> Prepare and Submit Package - Tactile Warning Surfacing</div>																
	SM 32 370	Review and Approve Package - Tactile Warning Surfacing	15	15	0%	04/May/20	22/May/20								<div><div></div> Review and Approve Package - Tactile Warning Surfacing</div>																
	SM 32 380	Fabricate & Deliver Tactile Warning Surfacing	10	10	0%	26/May/20	08/Jun/20								<div><div></div> Fabricate & Deliver Tactile Warning Surfacing</div>																
	321816 Playground Protective Surfacing		55	55		24/Apr/20	14/Jul/20																								
	SM 232130	Prepare and Submit Package Playground Protective Surfacing	20	20	0%	24/Apr/20	22/May/20								<div><div></div> Prepare and Submit Package Playground Protective Surfacing</div>																
	SM 232140	Review and Approve Package Playground Protective Surfacing	35	35	0%	22/May/20	14/Jul/20								<div><div></div> Review and Approve Package Playground Protective Surfacing</div>																
	321823 Court Surfacing		50	50		24/Apr/20	07/Jul/20																								
	SM 232150	Prepare and Submit Package Court Surfacing	20	20	0%	24/Apr/20	22/May/20								<div><div></div> Prepare and Submit Package Court Surfacing</div>																
	SM 232160	Review and Approve Package Court Surfacing	30	30	0%	22/May/20	07/Jul/20								<div><div></div> Review and Approve Package Court Surfacing</div>																
	323100 Chain Link Fence & Gates		65	65		24/Apr/20	28/Jul/20																								
	SM 32 110	Prepare and Submit Package Fence	20	20	0%	24/Apr/20	22/May/20								<div><div></div> Prepare and Submit Package Fence</div>																
	SM 32 210	Review and Approve Package Fence	15	15	0%	22/May/20	15/Jun/20								<div><div></div> Review and Approve Package Fence</div>																
	SM 32 290	Fabricate & Deliver Fencing	30	30	0%	15/Jun/20	28/Jul/20								<div><div></div> Fabricate & Deliver Fencing</div>																
	323129 Wood Fences & Gates		242	242		24/Apr/20	07/Apr/21																								
	SM 32 480	Prepare and Submit Package Fence	20	20	0%	24/Apr/20	22/May/20								<div><div></div> Prepare and Submit Package Fence</div>																
	SM 32 490	Review and Approve Package Fence	15	15	0%	22/May/20	15/Jun/20								<div><div></div> Review and Approve Package Fence</div>																
	SM 32 500	Fabricate & Deliver Fencing	207	207	0%	15/Jun/20	07/Apr/21								<div><div></div> Fabricate & Deliver Fencing</div>																
	324510 Guardrails		242	242		24/Apr/20	07/Apr/21																								
	SM 32 510	Prepare and Submit Package Guardrails	20	20	0%	24/Apr/20	22/May/20								<div><div></div> Prepare and Submit Package Guardrails</div>																
	SM 32 520	Review and Approve Package Guardrails	15	15	0%	22/May/20	15/Jun/20								<div><div></div> Review and Approve Package Guardrails</div>																
	SM 32 530	Fabricate & Deliver Guardrails	207	207	0%	15/Jun/20	07/Apr/21								<div><div></div> Fabricate & Deliver Guardrails</div>																
	329200 Turfs & grasses		234	234		24/Apr/20	26/Mar/21																								
	SM 232110	Prepare and Submit Package Turfs & Grasses	20	20	0%	24/Apr/20	22/May/20								<div><div></div> Prepare and Submit Package Turfs & Grasses</div>																
	SM 232120	Review and Approve Package Turfs & Grasses	214	214	0%	22/May/20	26/Mar/21								<div><div></div> Review and Approve Package Turfs & Grasses</div>																
	329300 Plants		245	245		24/Apr/20	12/Apr/21																								
SM 232170	Prepare and Submit Package Plants	15	15	0%	24/Apr/20	15/May/20								<div><div></div> Prepare and Submit Package Plants</div>																	
SM 232180	Review and Approve Package Plants	25	25	0%	15/May/20	22/Jun/20								<div><div></div> Review and Approve Package Plants</div>																	
SM 232190	Select and Deliver Plantings	205	205	0%	22/Jun/20	12/Apr/21								<div><div></div> Select and Deliver Plantings</div>																	
Division 33 - Utilities			139	0		01/Jul/19 A	18/Nov/19 A																								
331000 Water Systems			48	0		01/Jul/19 A	30/Sep/19 A																								
SM33 1000	Prepare and Submit Package Water Systems	20	0	100%	01/Jul/19 A	26/Jul/19 A	<div><div></div> Prepare and Submit Package Water Systems</div>																								
SM33 1010	Review and Approve Package Water Systems	20	0	100%	01/Aug/19 A	28/Aug/19 A	<div><div></div> Review and Approve Package Water Systems</div>																								
SM33 1020	Fabricate and Deliver Sanitary Water Systems	20	0	100%	29/Aug/19 A	30/Sep/19 A	<div><div></div> Fabricate and Deliver Sanitary Water Systems</div>																								
333000 Sanitary Sewer Utilities (Piping for temp)			21	0		01/Jul/19 A	30/Jul/19 A																								
SM33 1030	Prepare and Submit Package Sanitary Sewer Piping	5	0	100%	01/Jul/19 A	08/Jul/19 A	<div><div></div> Prepare and Submit Package Sanitary Sewer Piping</div>																								
SM33 1040	Review and Approve Package Sanitary Sewer Piping	6	0	100%	09/Jul/19 A	16/Jul/19 A	<div><div></div> Review and Approve Package Sanitary Sewer Piping</div>																								
SM33 1050	Fabricate and Deliver Sanitary Sewer Utilities Piping	10	0	100%	17/Jul/19 A	30/Jul/19 A	<div><div></div> Fabricate and Deliver Sanitary Sewer Utilities Piping</div>																								
333000 Sanitary Sewer Utilities			59	0		01/Jul/19 A	23/Sep/19 A																								
SM33 1060	Prepare and Submit Package Sanitary Sewer	20	0	100%	01/Jul/19 A	29/Jul/19 A	<div><div></div> Prepare and Submit Package Sanitary Sewer</div>																								
SM33 1070	Review and Approve Package Sanitary Sewer	20	0	100%	01/Aug/19 A	28/Aug/19 A	<div><div></div> Review and Approve Package Sanitary Sewer</div>																								
SM33 1080	Fabricate and Deliver Sanitary Sewer Utilities	15	0	100%	03/Sep/19 A	23/Sep/19 A	<div><div></div> Fabricate and Deliver Sanitary Sewer Utilities</div>																								
334000 Storm Drainage Utilities			99	0		01/Jul/19 A	18/Nov/19 A																								
SM 33 120	Prepare and Submit Package Storm Drainage	20	0	100%	01/Jul/19 A	29/Jul/19 A	<div><div></div> Prepare and Submit Package Storm Drainage</div>																								
SM 33 150	Review and Approve Package Storm Drainage	20	0	100%	01/Aug/19 A	22/Oct/19 A	<div><div></div> Review and Approve Package Storm Drainage</div>																								

APRIL 2020 SCHEDULE

Project Controls SCHEDULE

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
SM 33 180	Fabricate and Deliver Storm Drainage Utilities	20	0	100%	22/Oct/19 A	18/Nov/19 A																							
	334000 Storm Drainage Utilities (Structures)	139	0		01/Jul/19 A	31/Oct/19 A																							
	SM 33 190	Prepare and Submit Package Storm Drainage	20	0	100%	01/Jul/19 A	29/Jul/19 A																						
	SM 33 200	Review and Approve Package Storm Drainage	35	0	100%	01/Aug/19 A	13/Sep/19 A																						
	SM 33 210	Fabricate and Deliver Storm Drainage Utilities	60	0	100%	22/Oct/19 A	31/Oct/19 A																						
MEP Coordination		61	0		15/Oct/19 A	31/Jan/20 A																							
MEP 140	MEP Coordination Kick Off Meeting	1	0	100%	15/Oct/19 A	15/Oct/19 A																							
MEP 100	MEP Coordination - Underslab and Verticals	6	0	100%	01/Nov/19 A	08/Nov/19 A																							
MEP 110	MEP Coordination 2nd Floor	20	0	100%	01/Nov/19 A	02/Dec/19 A																							
MEP 130	MEP Coordination Roof	15	0	100%	15/Nov/19 A	15/Nov/19 A																							
MEP 120	MEP Coordination 1st Floor	20	0	100%	31/Dec/19 A	31/Jan/20 A																							
Construction		0	0																										
Phase 1 - New Classroom Wing		426	137		01/Mar/19 A	30/Oct/20																							
Mobilization		49	0		17/Jun/19 A	04/Sep/19 A																							
MOB 100	Mobilization	0	0	100%	17/Jun/19 A																								
MOB 150	Install Access Roads, Erosions Controls, Fencing	15	0	100%	19/Jun/19 A	12/Jul/19 A																							
MOB 180	Strip Top Soil (Test & Haul Off Site) & Clear / Grub Site	30	0	100%	12/Jul/19 A	26/Jul/19 A																							
MOB 110	Temporary Work for Admin Offices at Pre-K & Install Temp Signage	5	0	100%	05/Aug/19 A	30/Aug/19 A																							
MOB 170	Building & Fire Dept Inspections	3	0	100%	12/Aug/19 A	14/Aug/19 A																							
MOB 120	Temporary Certificate of Occupancy for Existing Building (Sign-off	5	0	100%	15/Aug/19 A	21/Aug/19 A																							
MOB 130	Relocate Furniture, Students	5	0	100%	15/Aug/19 A	21/Aug/19 A																							
MOB 160	Install Trailers, Temporary Utilities, Laydown Areas	5	0	100%	19/Aug/19 A	04/Sep/19 A																							
MOB 190	New ADA Compliant Access to Pre-K & Asphalt Playground / Fencing	8	0	100%	22/Aug/19 A	30/Aug/19 A																							
MOB 140	Ready for School Year 2019/2020 (PD days)	0	0	100%		22/Aug/19 A																							
Site Utilities		263	32		01/Mar/19 A	08/Jun/20																							
1SU 150	N-Grid Work Order/Design - gas	120	0	100%	01/Mar/19 A	27/Feb/20 A																							
1SU 160	N-Grid Work Order/Design - electric	120	0	100%	01/Mar/19 A	08/Jan/20 A																							
1SU 210	N-Grid Work Order/Design - temporary Electric	40	0	100%	03/May/19 A	20/Aug/19 A																							
1SU 200	Install Sanitary Sewer Bypass	3	0	100%	22/Jul/19 A	24/Jul/19 A																							
1SU 220	Install Electrical Duct Bank and Manholes	15	0	100%	20/Aug/19 A	14/Jan/20 A																							
1SU 230	Install Electrical Ductbank in Drop off Loop (Summer Work)	10	0	100%	20/Aug/19 A	27/Aug/19 A																							
1SU 100	Install New Water Service	10	0	100%	10/Oct/19 A	25/Oct/19 A																							
1SU 120	Install New Sanitary Main/Replace Existing Sewer Manhole	10	0	100%	02/Dec/19 A	13/Dec/19 A																							
1SU 130	Install Temp Storm Drainage tie in	10	0	100%	03/Dec/19 A	16/Dec/19 A																							
1SU 140	Scheduling Period / Install new electrical service, pole, & transformer	50	15	70%	10/Dec/19 A	13/May/20																							
1SU 110	Install new gas service	10	15	0%	28/Feb/20 A	08/Jun/20																							
Demolition - Southwest Wing		23	0		14/Jun/19 A	27/Jul/19 A																							
1DEM 105	End of School 2019/SW Wing Vacated	0	0	100%	14/Jun/19 A																								
1DEM 130	Conduct Abatement/Air Clearance/Break down Containment	8	0	100%	17/Jun/19 A	26/Jun/19 A																							
1DEM 110	Cut,Cap, Make-Safe/Selective Demolition	2	0	100%	17/Jun/19 A	26/Jun/19 A																							
1DEM 120	Set Up Containment	5	0	100%	17/Jun/19 A	21/Jun/19 A																							
1DEM 190	Demolish and Remove Building & Foundation - Backfill. Rough G	15	0	100%	26/Jun/19 A	12/Jul/19 A																							
1DEM 170	Install Temporary Structural Supports & Separate from Existing B	5	0	100%	28/Jun/19 A	01/Jul/19 A																							
1DEM 200	Install Temporary Partitions, Infill Foundation (Waterproof), and R	10	0	100%	01/Jul/19 A	27/Jul/19 A																							
Superstructure		120	0		15/Jul/19 A	31/Jan/20 A																							
1SS100	Grade Site for Ground Improvements	15	0	100%	15/Jul/19 A	02/Aug/19 A																							
1SS110	Install Ground Improvements	15	0	100%	05/Aug/19 A	28/Aug/19 A																							
1SS130	Excavate for Foundations	20	0	100%	27/Aug/19 A	23/Sep/19 A																							
1SS120	Ready for Foundations	0	0	100%	28/Aug/19 A																								
1SS140	Form & Place Footings	10	0	100%	28/Aug/19 A	23/Sep/19 A																							
1SS270	Schedule Impact Items to Foundations: CCD#001 CL #10 Dimen	2	0	100%	29/Aug/19 A	03/Sep/19 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

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.

APRIL 2020 SCHEDULE

Project Controls 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	Q4
1SS150	Form & Place Foundation Walls	25	0	100%	03/Sep/19 A	27/Sep/19 A	<div><div></div>Form & Place Foundation Walls</div>																						
1SS260	Form & Place Iso Piers & Pilasters	20	0	100%	03/Sep/19 A	23/Sep/19 A	<div><div></div>Form & Place Iso Piers & Pilasters</div>																						
1SS160	Insulate Foundations	5	0	100%	16/Sep/19 A	03/Oct/19 A	<div><div></div>Insulate Foundations</div>																						
1SS190	Backfill Foundations	20	0	100%	17/Sep/19 A	25/Oct/19 A	<div><div></div>Backfill Foundations</div>																						
1SS180	Waterproof Elevator Pit	5	0	100%	30/Sep/19 A	04/Oct/19 A	<div><div></div>Waterproof Elevator Pit</div>																						
1SS170	Form & Place Elevator Pit	5	0	100%	07/Oct/19 A	07/Oct/19 A	<div><div></div>Form & Place Elevator Pit</div>																						
1SS210	Erect Structural Steel	8	0	100%	28/Oct/19 A	22/Nov/19 A	<div><div></div>Erect Structural Steel</div>																						
1SS200	Foundations ready for Steel	0	0	100%	28/Oct/19 A		<div><div></div>Foundations ready for Steel</div>																						
1SS220	Install Steel Decking & Detailing	20	0	100%	06/Nov/19 A	02/Jan/20 A	<div><div></div>Install Steel Decking & Detailing</div>																						
1SS240	Install CMU Elevator Shaft	10	0	100%	02/Dec/19 A	31/Jan/20 A	<div><div></div>Install CMU Elevator Shaft</div>																						
1SS230	Structural Steel Complete	0	0	100%		02/Jan/20 A	<div><div></div>Structural Steel Complete</div>																						
Slabs		41	0		14/Nov/19 A	09/Jan/20 A	<div><div></div></div>																						
1SL 110	Install Underslab MEPs	22	0	100%	14/Nov/19 A	07/Jan/20 A	<div><div></div>Install Underslab MEPs</div>																						
1SL 140	Enclose Building for Winter Concrete	10	0	100%	14/Nov/19 A	27/Nov/19 A	<div><div></div>Enclose Building for Winter Concrete</div>																						
1SL 100	Prep & Place Slab on Deck	5	0	100%	21/Nov/19 A	27/Nov/19 A	<div><div></div>Prep & Place Slab on Deck</div>																						
1SL 160	Install Roof Slab	5	0	100%	06/Dec/19 A	12/Dec/19 A	<div><div></div>Install Roof Slab</div>																						
1SL 150	Backfill, Prep	5	0	100%	23/Dec/19 A	31/Dec/19 A	<div><div></div>Backfill, Prep</div>																						
1SL 120	Prep & Place Slab on Grade	5	0	100%	30/Dec/19 A	09/Jan/20 A	<div><div></div>Prep & Place Slab on Grade</div>																						
Stairs		154	24		08/Nov/19 A	09/Jul/20	<div><div></div></div>																						
1ST 100	Install Temporary Exterior Stair	10	0	100%	08/Nov/19 A	13/Nov/19 A	<div><div></div>Install Temporary Exterior Stair</div>																						
1ST 110	Install CMU Shaft Stair #1	10	0	100%	19/Dec/19 A	27/Jan/20 A	<div><div></div>Install CMU Shaft Stair #1</div>																						
1SL 130	Install Metal Pan Stair #1	5	0	100%	27/Jan/20 A	05/Feb/20 A	<div><div></div>Install Metal Pan Stair #1</div>																						
1SL 170	Place Concrete Stair #1	10	0	100%	13/Feb/20 A	27/Feb/20 A	<div><div></div>Place Concrete Stair #1</div>																						
1SL 180	Ground Improvements for Stair 1 Egress Ramp & Stair (PCO #80	5	5	0%	05/Jun/20	11/Jun/20	<div><div></div>Ground Improvements for Stair 1 Egress Ramp & Stair (PCO #8014)</div>																						
1SL 190	Construct Egress Stair and Ramp for Stair #1	19	19	0%	12/Jun/20	09/Jul/20	<div><div></div>Construct Egress Stair and Ramp for Stair #1</div>																						
Envelope		145	51		05/Dec/19 A	30/Jun/20	<div><div></div></div>																						
1EX 180	Roof Edge Framing	7	0	100%	05/Dec/19 A	02/Mar/20 A	<div><div></div>Roof Edge Framing</div>																						
1EX 100	Install Exterior Framing & Sheathing	20	0	100%	23/Dec/19 A	02/Mar/20 A	<div><div></div>Install Exterior Framing & Sheathing</div>																						
1EX 130	Install Temporary Weather Protection (for electrical rough in)	6	0	100%	20/Jan/20 A	03/Feb/20 A	<div><div></div>Install Temporary Weather Protection (for electrical rough in)</div>																						
1EX 110	Install Air Vapor Barrier	20	0	100%	10/Feb/20 A	20/Mar/20 A	<div><div></div>Install Air Vapor Barrier</div>																						
1EX 160	Install Masonry Finishes	40	25	90%	20/Feb/20 A	22/May/20	<div><div></div>Install Masonry Finishes</div>																						
1EX 140	Install SF Windows, Curtainwalls	33	33	0%	20/Apr/20	04/Jun/20	<div><div></div>Install SF Windows, Curtainwalls</div>																						
1EX 210	Overhang Spray Foam Insulation	2	2	0%	12/May/20	13/May/20	<div><div></div>Overhang Spray Foam Insulation</div>																						
1EX 220	Install Exterior Wood Soffit	19	19	0%	18/May/20	12/Jun/20	<div><div></div>Install Exterior Wood Soffit</div>																						
1EX 150	Install Storefront Entrances	18	18	0%	05/Jun/20	30/Jun/20	<div><div></div>Install Storefront Entrances</div>																						
Roofing & Roof Mounted Items		137	60		15/Dec/19 A	14/Jul/20	<div><div></div></div>																						
1EX 120	Install Roofing System	15	0	100%	15/Dec/19 A	30/Dec/19 A	<div><div></div>Install Roofing System</div>																						
1EX 190	Roof Blocking/Roof Drains/Mechanical Curbs/Roof Hatch	5	0	100%	31/Dec/19 A	31/Jan/20 A	<div><div></div>Roof Blocking/Roof Drains/Mechanical Curbs/Roof Hatch</div>																						
1EX 170	Install HVAC Roof Top Units	10	12	95%	24/Mar/20 A	05/May/20	<div><div></div>Install HVAC Roof Top Units</div>																						
1EX 200	Install Edge Metal & Sheet Metal Flashing, Roof Screens	30	30	0%	02/Jun/20	14/Jul/20	<div><div></div>Install Edge Metal & Sheet Metal Flashing, Roof Screens</div>																						
Rough In		95	10		23/Dec/19 A	01/May/20	<div><div></div></div>																						
2nd Floor Rough In		95	10		23/Dec/19 A	01/May/20	<div><div></div></div>																						
1R2 100	Start Rough In	0	0	100%	23/Dec/19 A		<div><div></div>Start Rough In</div>																						
1R2 120	Frame Interior Partitions	15	0	100%	23/Dec/19 A	22/Jan/20 A	<div><div></div>Frame Interior Partitions</div>																						
1R2 130	Rough-in Plumbing	15	0	100%	23/Dec/19 A	29/Jan/20 A	<div><div></div>Rough-in Plumbing</div>																						
1R2 110	Rough-in HVAC Ductwork & Piping	20	0	100%	07/Jan/20 A	03/Mar/20 A	<div><div></div>Rough-in HVAC Ductwork & Piping</div>																						
1R2 140	Rough-in Electrical Power, Lights	20	0	100%	22/Jan/20 A	03/Mar/20 A	<div><div></div>Rough-in Electrical Power, Lights</div>																						
1R2 180	Rough-in Fire Alarm	20	0	100%	22/Jan/20 A	03/Mar/20 A	<div><div></div>Rough-in Fire Alarm</div>																						
1R2 150	Rough-in Fire Protection	10	0	100%	27/Jan/20 A	02/Mar/20 A	<div><div></div>Rough-in Fire Protection</div>																						
1R2 160	MECH Inspections	15	0	100%	31/Jan/20 A	16/Mar/20 A	<div><div></div>MECH Inspections</div>																						
1R2 190	Rough-in ATCs,	5	0	100%	31/Jan/20 A	02/Mar/20 A	<div><div></div>Rough-in ATCs,</div>																						

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

Manchester Memorial Elementary School

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APRIL 2020 SCHEDULE

Project Controls SCHEDULE

Activity ID		Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			4	
								Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3		
	1R2 200	Rough-in Tele/data/security/BDA	10	0	100%	31/Jan/20 A	02/Mar/20 A																								
	1R2 270	MECH Insulation & Firestopping	8	0	100%	24/Feb/20 A	06/Mar/20 A																								
	1R2 300	Inwall Inspection	5	0	100%	25/Feb/20 A	13/Mar/20 A																								
	1R2 290	Building Insulation	5	0	100%	26/Feb/20 A	02/Mar/20 A																								
	1R2 280	MECH Insulation Inspection	1	0	100%	05/Mar/20 A	06/Mar/20 A																								
	1R2 170	Complete Rough-in 2nd Floor	0	0	100%		16/Mar/20 A																								
	1R2 310	Interface Fire Alarm/Security/BDA	10	10	0%	20/Apr/20	01/May/20																								
	1st Floor Rough In		37	0		27/Jan/20 A	24/Mar/20 A																								
	1R1 100	Start Rough In 1st Floor	0	0	100%	27/Jan/20 A																									
	1R1 130	Rough-in Plumbing	12	0	100%	27/Jan/20 A	28/Feb/20 A																								
	1R1 110	Rough-in HVAC Ductwork & Piping	20	0	100%	31/Jan/20 A	13/Mar/20 A																								
	1R1 120	Frame Interior Partitions	15	0	100%	31/Jan/20 A	02/Mar/20 A																								
	1R1 150	Rough-in Fire Protection	10	0	100%	05/Feb/20 A	11/Mar/20 A																								
	1R1 140	Rough-in Electrical Power, Lights	20	0	100%	12/Feb/20 A	12/Mar/20 A																								
	1R1 180	Rough-in Fire Alarm	20	0	100%	12/Feb/20 A	12/Mar/20 A																								
	1R1 190	Rough-in ATCs	5	0	100%	12/Feb/20 A	06/Mar/20 A																								
	1R1 200	Rough-in Tele/data.Security/BDA	10	0	100%	14/Feb/20 A	05/Mar/20 A																								
	1R1 210	Interface Fire Alarm/Security/BDA	10	0	100%	02/Mar/20 A	13/Mar/20 A																								
	1R1 100	MECH Inspections	10	0	100%	05/Mar/20 A	18/Mar/20 A																								
	1R1 140	Inwall Inspection	5	0	100%	10/Mar/20 A	16/Mar/20 A																								
	1R1 110	MECH Insulation & Firestopping	8	0	100%	12/Mar/20 A	23/Mar/20 A																								
	1R1 160	Electrical Inspection	1	0	100%	16/Mar/20 A	16/Mar/20 A																								
	1R1 130	Building Insulation	5	0	100%	17/Mar/20 A	23/Mar/20 A																								
	1R1 170	Complete Rough-in 1st Floor	0	0	100%		23/Mar/20 A																								
	1R1 120	MECH Insulation Inspection	1	0	100%	24/Mar/20 A	24/Mar/20 A																								
	Finishes		94	59		02/Mar/20 A	13/Jul/20																								
	2nd Floor Finishes		88	53		02/Mar/20 A	02/Jul/20																								
	1F2 100	Start Finishes 2nd Floor	0	0	100%	02/Mar/20 A																									
	1F2 110	Hang Drywall/Tape & Finish	14	0	100%	02/Mar/20 A	19/Mar/20 A																								
	1F2 120	Paint - Prime & First Coat	7	0	100%	13/Mar/20 A	23/Mar/20 A																								
	1F2 130	Install Ceiling Grids and Frames CV	8	8	90%	30/Mar/20 A	05/May/20																								
	1F2 340	Gboard Ceilings, Soffits CV	5	5	80%	06/Apr/20 A	28/Apr/20																								
	1F2 140	Install Light Fixtures	10	5	60%	13/Apr/20 A	24/Apr/20																								
	1F2 170	Install Wall Tile	15	15	0%	24/Apr/20	14/May/20																								
	1F2 160	Install HVAC Radiant Panels & RGDs CV	10	10	0%	04/May/20	15/May/20																								
	1F2 250	Install Sprinklers drops and heads CV	8	8	0%	06/May/20	15/May/20																								
	1F2 150	Install Acoustical Ceiling Tile & Wood Ceilings CV	8	8	0%	12/May/20	21/May/20																								
	1F2 260	Prep & Install Epoxy Flooring CV	10	10	0%	15/May/20	29/May/20																								
	1F2 180	Paint Finish Coat CV	7	7	0%	22/May/20	02/Jun/20																								
	1F2 210	Install Millwork & Casework	15	15	0%	22/May/20	12/Jun/20																								
	1F2 190	Install MEP & Fire Alarm Finishes CV	15	15	0%	27/May/20	16/Jun/20																								
	1F2 200	Install Bathroom Plumbing Fixtures	8	8	0%	01/Jun/20	10/Jun/20																								
	1F2 320	Install Classroom Bathroom Fixtures	5	5	0%	01/Jun/20	05/Jun/20																								
	1F2 220	Prep & Install Resilient Flooring CV	18	18	0%	03/Jun/20	26/Jun/20																								
	1F2 240	Install Division 10,11,12 CV	10	10	0%	03/Jun/20	16/Jun/20																								
1F2 330	Install Doors, HW, Interior SF & Interior Glazing CV	10	10	0%	19/Jun/20	02/Jul/20																									
1F2 230	Complete Finishes 2nd Floor	0	0	0%		02/Jul/20																									
1st Floor Finishes		84	57		16/Mar/20 A	13/Jul/20																									
1F1 100	Start Finishes 1st Floor	0	0	100%	16/Mar/20 A																										
1F1 110	Hang Drywall/Tape & Finish CV	14	16	70%	16/Mar/20 A	13/May/20																									
1F1 120	Paint - Prime & First Coat CV	7	3	50%	06/Apr/20 A	15/May/20																									

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Summary

Actual Work

Remaining Work

Remaining Level of Effort

Actual Milestone

Milestone

Critical Milestone

Critical Remaining Work

Manchester Memorial Elementary School

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APRIL 2020 SCHEDULE

Project Controls SCHEDULE

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							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
1F1	105	GBoard Ceilings, Soffits CV	8	8	0%	14/May/20	26/May/20																						
	170	Install Wall Tile CV	15	15	0%	18/May/20	08/Jun/20																						
	130	Install Ceiling Grids and Frames CV	8	8	0%	21/May/20	02/Jun/20																						
	160	Install HVAC Radiant Panels & RGDs CV	10	10	0%	21/May/20	04/Jun/20																						
	250	Install Sprinklers drops and heads CV	8	8	0%	27/May/20	05/Jun/20																						
	140	Install Light Fixtures CV	10	10	0%	01/Jun/20	12/Jun/20																						
	150	Install Acoustical Ceiling tile & Wood Ceiling CV	8	8	0%	05/Jun/20	16/Jun/20																						
	180	Paint Finish Coat CV	10	10	0%	08/Jun/20	19/Jun/20																						
	270	Prep & Install Epoxy Flooring CV	10	10	0%	09/Jun/20	22/Jun/20																						
	210	Install Millwork & Casework	15	15	0%	12/Jun/20	02/Jul/20																						
	190	Install MEP & Fire Alarm Finishes	15	15	0%	15/Jun/20	06/Jul/20																						
	220	Prep & Install Resilient Flooring	18	18	0%	15/Jun/20	09/Jul/20																						
	340	Install Doors, HW, Interior SF & Interior Glazing CV	10	10	0%	22/Jun/20	06/Jul/20																						
	200	Install Bathroom Plumbing Fixtures	5	5	0%	23/Jun/20	29/Jun/20																						
	260	Install Classroom Bathroom Fixtures	8	8	0%	23/Jun/20	02/Jul/20																						
240	Install Division 10,11,12	10	10	0%	29/Jun/20	13/Jul/20																							
230	Complete Finishes 1st Floor	0	0	0%		13/Jul/20																							
Elevator		95	60		02/Mar/20 A	14/Jul/20																							
1ELV 100	Construct Hoistway & Penthouse	20	0	100%	02/Mar/20 A	27/Mar/20 A																							
1ELV 110	Electrical Rough in Elevator	15	20	80%	09/Mar/20 A	15/May/20																							
1ELV 120	Hoistway & Cab Finishes	25	25	0%	18/May/20	22/Jun/20																							
1ELV 130	Call for State Inspection	15	15	0%	23/Jun/20	14/Jul/20																							
Mechanical Room		79	44		02/Mar/20 A	19/Jun/20																							
1MCH 100	Install Housekeeping pads	3	0	100%	02/Mar/20 A	04/Mar/20 A																							
1MCH 130	Electrical Rough-in	10	0	100%	02/Mar/20 A	13/Mar/20 A																							
1MCH 150	Plumbing Rough-in	10	0	100%	02/Mar/20 A	13/Mar/20 A																							
1MCH 140	Install Duct Work and HVAC piping	10	0	100%	05/Mar/20 A	18/Mar/20 A																							
1MCH 120	Install HVAC Mech Room Equipment - Boilers, Water Heaters, Pl	15	0	100%	23/Mar/20 A	10/Apr/20 A																							
1MCH 160	ATC Rough-in, Terminations and Check out	12	24	70%	30/Mar/20 A	21/May/20																							
1MCH 170	HVAC Boiler Room Equip Startup and Pre-Testing CV	20	20	0%	22/May/20	19/Jun/20																							
1MCH 180	HVAC RTU Startup and Pre-Testing	20	20	0%	22/May/20	19/Jun/20																							
Electrical Rooms		98	30		20/Jan/20 A	18/Jun/20																							
1ELE100	Electric room preparation (pre-switcgear)	10	0	100%	20/Jan/20 A	09/Mar/20 A																							
1ELE 100	Install Housekeeping pads	3	0	100%	30/Jan/20 A	16/Mar/20 A																							
1ELE150	Rough-in Supporting MEP's	5	0	100%	05/Mar/20 A	11/Mar/20 A																							
1ELE140	Install switchgear and main distribution panels	10	0	100%	10/Mar/20 A	23/Mar/20 A																							
1ELE160	Run Secondary feeds from transformer to switch gear	5	5	0%	07/May/20	13/May/20																							
1ELE130	Electrical terminations, testing, and inspection	5	5	0%	07/May/20	13/May/20																							
1ELE120	Switchover to new permanent power	2	2	0%	14/May/20	15/May/20																							
1ELE110	Install Generator	5	5	0%	12/Jun/20	18/Jun/20																							
West Wing Site Finishes		39	39		05/Jun/20	30/Jul/20																							
1SIT 100	Final grading	5	5	0%	05/Jun/20	11/Jun/20																							
1SIT 110	Site Lighting	10	10	0%	12/Jun/20	25/Jun/20																							
1SIT 120	Site walks, walls and paving	20	20	0%	19/Jun/20	17/Jul/20																							
1SIT 130	Lawns and plantings	10	10	0%	13/Jul/20	24/Jul/20																							
1SIT 140	Site Improvements / Installation of Handrails & Guardrails	5	5	0%	24/Jul/20	30/Jul/20																							
WTR Work List, Cleaning, Punchlists		20	20		22/Jun/20	20/Jul/20																							
SC11030	Clean Up, WTR Punch List - 2nd Floor	10	10	0%	22/Jun/20	06/Jul/20																							
SC11020	Clean Up, WTR Punch List - 1st Floor	10	10	0%	07/Jul/20	20/Jul/20																							
Phase 1 - Testing, Inspections, TCO, Substantial Completion		47	47		07/Jul/20	10/Sep/20																							
SC11060	Fire Alarm Programming and Final testing	7	7	0%	07/Jul/20	15/Jul/20																							

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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.

APRIL 2020 SCHEDULE

Project Controls SCHEDULE

[illegible]

Start Date:	08/Feb/18
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	Summary		Critical Remaining Work
	Actual Work		Actual Milestone
	Remaining Work		Milestone
	Remaining Level of Effort		Critical Milestone

Manchester Memorial Elementary School

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W.T. Rich Company, Inc.

APRIL 2020 SCHEDULE

Project Controls 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	Q4						
064023 - Phase 2 Interior Woodwork	SM 6 1100	Review and Approve Package Glue Laminated Timber Beams	20	20	0%	03/May/21	28/May/21															Review and Approve Package Glue Laminated Timber Beams													
	SM 6 1120	Fabricate and Deliver Glue Laminated Timber Beams	30	30	0%	01/Jun/21	13/Jul/21															Fabricate and Deliver Glue Laminated Timber Beams													
	064023 - Phase 2 Interior Woodwork		356	222		09/Oct/19 A	04/Mar/21																												
	SM 6 1280	Prepare and Submit Package Arch Woodwork	15	15	0%	09/Oct/19 A	08/May/20															Prepare and Submit Package Arch Woodwork													
	SM 6 1290	Review and Approve Package Arch Woodwork	15	15	0%	11/May/20	01/Jun/20															Review and Approve Package Arch Woodwork													
	SM 6 1340	Release Materials for Delivery to Shop	20	20	0%	02/Jun/20	29/Jun/20															Release Materials for Delivery to Shop													
	SM 6 1310	Field Measure 1st Floor Arch Woodwork	3	3	0%	30/Jun/20	02/Jul/20															Field Measure 1st Floor Arch Woodwork													
	SM 6 1330	Fabricate and Deliver Arch Woodwork 1st Floor	20	20	0%	06/Jul/20	31/Jul/20															Fabricate and Deliver Arch Woodwork 1st Floor													
	SM 6 1300	Field Measure 2nd Floor Arch Woodwork	3	3	0%	02/Feb/21	04/Feb/21															Field Measure 2nd Floor Arch Woodwork													
	SM 6 1320	Fabricate and Deliver Arch Woodwork 2nd Floor	20	20	0%	05/Feb/21	04/Mar/21															Fabricate and Deliver Arch Woodwork 2nd Floor													
	066400 - Plastic Paneling		238	238		24/Apr/20	01/Apr/21																												
	SM 6 1250	Prepare and Submit Package FRP Paneling	20	20	0%	24/Apr/20	22/May/20															Prepare and Submit Package FRP Paneling													
	SM 6 1260	Review and Approve Package FRP Paneling	20	20	0%	22/May/20	22/Jun/20															Review and Approve Package FRP Paneling													
	SM 6 1270	Fabricate and Deliver FRP Paneling Phase 2	198	198	0%	22/Jun/20	01/Apr/21															Fabricate and Deliver FRP Paneling Phase 2													
	079500 - Expansion Control		40	40		20/Apr/20	15/Jun/20																												
	SM 7 1710	Prepare and Submit Package Expansion Control	10	10	0%	20/Apr/20	01/May/20															Prepare and Submit Package Expansion Control													
	SM 7 1720	Review and Approve Package Expansion Control	15	15	0%	04/May/20	22/May/20															Review and Approve Package Expansion Control													
	SM 7 1730	Fabricate and Deliver Expansion Control Phase 2	15	15	0%	26/May/20	15/Jun/20															Fabricate and Deliver Expansion Control Phase 2													
	083323 - Coiling Doors		259	259		24/Apr/20	30/Apr/21																												
	SM8 1000	Prepare and Submit Package Overhead Coiling Doors	20	20	0%	24/Apr/20	22/May/20															Prepare and Submit Package Overhead Coiling Doors													
	SM8 1010	Review and Approve Package Overhead Coiling Doors	15	15	0%	22/May/20	15/Jun/20															Review and Approve Package Overhead Coiling Doors													
	SM8 1020	Fabricate and Deliver Coiling Doors Phase 2	224	224	0%	15/Jun/20	30/Apr/21															Fabricate and Deliver Coiling Doors Phase 2													
	084113 Phase 2 Storefront Windows		114	178		03/Sep/19 A	31/Dec/20																												
	SM 8 1390	Prepare and Submit Package Storefront Windows	25	0	100%	03/Sep/19 A	18/Sep/19 A															Prepare and Submit Package Storefront Windows													
	SM 8 1400	Review and Approve Package Storefront Windows	25	0	100%	19/Sep/19 A	02/Oct/19 A															Review and Approve Package Storefront Windows													
	SM 8 1410	Fabricate and Deliver Storefront Windows Frames	80	178	0%	21/Oct/19 A	31/Dec/20															Fabricate and Deliver Storefront Windows Frames													
	084413 Phase 2 Glazed Aluminum Curtain Walls		379	219		15/Aug/19 A	01/Mar/21																												
	SM 8 1420	Prepare and Submit Aluminum Curtain Wall Package	25	0	100%	15/Aug/19 A	25/Sep/19 A															Prepare and Submit Aluminum Curtain Wall Package													
	SM 8 1430	Review and Approve Curtain Wall Package	20	0	100%	08/Oct/19 A	07/Jan/20 A															Review and Approve Curtain Wall Package													
	SM 8 1440	Fabricate and Deliver Curtain Wall	291	219	24.74%	08/Jan/20 A	01/Mar/21															Fabricate and Deliver Curtain Wall													
	084113 Phase 2 Interior Storefront		218	218		20/Apr/20	26/Feb/21																												
	SM 8 1360	Prepare and Submit Package Interior Storefronts	25	25	0%	20/Apr/20*	22/May/20															Prepare and Submit Package Interior Storefronts													
	SM 8 1370	Review and Approve Package Interior Storefronts	25	25	0%	26/May/20	29/Jun/20															Review and Approve Package Interior Storefronts													
	SM 8 1380	Fabricate and Deliver Interior Storefront Frames Phase 2	168	168	0%	30/Jun/20	26/Feb/21															Fabricate and Deliver Interior Storefront Frames Phase 2													
	088113 Decorative Glass Glazing		131	260		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															Prepare and Submit Package Interior Glazing													
	SM8 1070	Review and Approve Package Interior Glazing	15	0	100%	03/Feb/20 A	24/Feb/20 A															Review and Approve Package Interior Glazing													
	SM8 1080	Fabricate and Deliver Decorative Glazing	45	260	0%	25/Feb/20 A	27/Apr/21															Fabricate and Deliver Decorative Glazing													
	088700 Window Film		121	242		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															Prepare and Submit Package Exterior Glazing													
	SM 8 1150	Review and Approve Package Exterior Glazing	25	0	100%	06/Dec/19 A	07/Feb/20 A															Review and Approve Package Exterior Glazing													
	SM 8 1260	Fabricate and Deliver Window Film	45	242	0%	10/Feb/20 A	01/Apr/21															Fabricate and Deliver Window Film													
	096466 Wood Athletic Flooring		321	244		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															Prepare and Submit Wood Athletic Floor Package													
	SM9 1070	Review and Approve Wood Athletic Floor Package	25	25	0%	28/Jan/20 A	22/May/20															Review and Approve Wood Athletic Floor Package													
	SM9 1080	Fabricate and Deliver Wood Athletic Floor Phase 2	219	219	0%	26/May/20	05/Apr/21															Fabricate and Deliver Wood Athletic Floor Phase 2													
096566 Resilient Athletic Flooring		363	238		22/Oct/19 A	26/Mar/21																													
SM9 1120	Prepare and Submit Resilient Athletic Floor Package	25	25	0%	22/Oct/19 A	22/May/20															Prepare and Submit Resilient Athletic Floor Package														
SM9 1130	Review and Approve Resilient Athletic Package	25	25	0%	26/May/20	29/Jun/20															Review and Approve Resilient Athletic Package														
SM9 1140	Fabricate and Deliver Resilient Athletic Phase 2	188	188	0%	30/Jun/20	26/Mar/21															Fabricate and Deliver Resilient Athletic Phase 2														
097200 Wall Coverings		315	272		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															Prepare and Submit Package Wall Coverings														
SM 9 1460	Review and Approve Package Wall Coverings	15	10	33.33%	20/Feb/20 A	01/May/20															Review and Approve Package Wall Coverings														

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Actual Work

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- Critical Remaining Work

Actual Milestone

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Manchester Memorial Elementary School

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W.T. Rich Company, Inc.

APRIL 2020 SCHEDULE Project Controls SCHEDULE

[illegible]

W.T. Rich Company, Inc.

APRIL 2020 SCHEDULE

Project Controls SCHEDULE

Activity ID	Activity Name	Orig Dur (Days)	Rem Dur	Act % Comp	Start	Finish	2018			2019				2020				2021				2022				2023			24
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	
124813 Entrance	SM 12 330	Fabricate & Deliver Floor Mats	40	0	100%	10/Feb/20 A	20/Apr/20																						
	124813 Entrance	Floor Mats & Frames	68	0		31/Dec/19 A	20/Apr/20																						
	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	0	100%	10/Feb/20 A	20/Apr/20																						
	126600 - Telescoping	Bleachers	218	218		22/May/20	01/Apr/21																						
	SM 12 340	Prepare and Submit Package Telescoping Bleachers	20	20	0%	22/May/20	22/Jun/20																						
	SM 12 350	Review and Approve Package Telescoping Bleachers	20	20	0%	22/Jun/20	21/Jul/20																						
	SM 12 360	Fabricate and Deliver Telescoping Bleachers	178	178	0%	21/Jul/20	01/Apr/21																						
	129300 - Site Furnishings		260	260		24/Apr/20	03/May/21																						
	SM 12 370	Prepare and Submit Package Site Furnishings	20	20	0%	24/Apr/20	22/May/20																						
	SM 12 380	Review and Approve Package Site Furnishings	20	20	0%	22/May/20	22/Jun/20																						
	SM 12 390	Fabricate and Deliver Window Site Furnishings	220	220	0%	22/Jun/20	03/May/21																						
	Air Cooled Chiller		272	20		22/Oct/19 A	15/May/20																						
	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 Cooled Chiller	204	20	90.2%	29/Jan/20 A	15/May/20																						
	Induction Terminal Units (Active Chilled Beam)		263	138		22/Oct/19 A	02/Nov/20																						
	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	138	32.68%	15/Jan/20 A	02/Nov/20																						
	Bi-directional Antenna System		68	242		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	242	0%	08/Jan/20 A	01/Apr/21																						
	Lightning Protection		118	244		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	244	0%	31/Dec/19 A	05/Apr/21																						
	Demolition - Central & Southwest Wings		22	22		26/Jun/20	28/Jul/20																						
	2DEM 230	Mobilize Phase 2 - End of School 2020/Central & SE Wings Vacated	0	0	0%	26/Jun/20*																							
	2DEM 240	Cut,Cap, Make-Safe/Selective Demolition	1	1	0%	26/Jun/20	26/Jun/20																						
	2DEM 250	Set Up Containment	2	2	0%	26/Jun/20	29/Jun/20																						
	2DEM 210	Conduct Abatement/Air Clearance/Break down Containment	5	5	0%	30/Jun/20	07/Jul/20																						

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Actual Work

Remaining Work

Remaining Level of Effort

Critical Remaining Work

Actual Milestone

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APRIL 2020 SCHEDULE

Project Controls SCHEDULE

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							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
2R1 170	Complete Rough-in 1st Floor	0	0	0%		23/Mar/21													◆ Complete Rough-in 1st Floor												
	Gymnasium/Cafeteria/Stage	52	52		11/Jan/21	23/Mar/21													◆ Start Rough In Gym/Caf												
	2RG 100	Start Rough In Gym/Caf	0	0	0%	11/Jan/21														■ Rough-in HVAC Ductwork & Piping											
	2RG 110	Rough-in HVAC Ductwork & Piping	15	15	0%	25/Jan/21	12/Feb/21													▣ Frame Interior Partitions											
	2RG 120	Frame Interior Partitions	10	10	0%	08/Feb/21	19/Feb/21													▣ Rough-in Fire Protection											
	2RG 150	Rough-in Fire Protection	10	10	0%	08/Feb/21	19/Feb/21													▣ Rough-in Electrical Power, Lights											
	2RG 140	Rough-in Electrical Power, Lights	10	10	0%	15/Feb/21	26/Feb/21													▣ Rough-in Fire Alarm											
	2RG 180	Rough-in Fire Alarm	10	10	0%	15/Feb/21	26/Feb/21													▣ Rough-in ATCs											
	2RG 190	Rough-in ATCs	10	10	0%	15/Feb/21	26/Feb/21													▣ Rough-in Tele/data											
	2RG 200	Rough-in Tele/data	10	10	0%	15/Feb/21	26/Feb/21													▣ Rough-in Plumbing											
	2RG 130	Rough-in Plumbing	10	10	0%	18/Feb/21	03/Mar/21													▣ MEP Inspections											
	2RG 105	MEP Inspections	3	3	0%	04/Mar/21	08/Mar/21													▣ MECH Insulation & Firestopping											
	2RG 115	MECH Insulation & Firestopping	5	5	0%	09/Mar/21	15/Mar/21													▣ MECH Insulation Inspection											
	2RG 125	MECH Insulation Inspection	1	1	0%	16/Mar/21	16/Mar/21													▣ Building Insulation											
	2RG 135	Building Insulation	5	5	0%	17/Mar/21	23/Mar/21													▣ Inwall Inspection											
	2RG 145	Inwall Inspection	5	5	0%	17/Mar/21	23/Mar/21													◆ Complete Rough-in Gym/Caf											
	2RG 170	Complete Rough-in Gym/Caf	0	0	0%		23/Mar/21																								
	Kitchen		58	58		18/Jan/21	07/Apr/21													◆ Start Rough In Kitchen											
	2RK 100	Start Rough In Kitchen	0	0	0%	18/Jan/21														■ Rough-in HVAC Ductwork & Piping											
	2RK 110	Rough-in HVAC Ductwork & Piping	10	10	0%	08/Feb/21	19/Feb/21													▣ Frame Interior Partitions											
	2RK 120	Frame Interior Partitions	7	7	0%	22/Feb/21	02/Mar/21													▣ Rough-in Electrical Power & Lights											
	2RK 140	Rough-in Electrical Power & Lights	12	12	0%	24/Feb/21	11/Mar/21													▣ Rough-in Fire Alarm											
	2RK 180	Rough-in Fire Alarm	12	12	0%	24/Feb/21	11/Mar/21													▣ Rough-in ATCs											
	2RK 190	Rough-in ATCs	12	12	0%	24/Feb/21	11/Mar/21													▣ Rough-in Tele/data											
	2RK 200	Rough-in Tele/data	12	12	0%	24/Feb/21	11/Mar/21													▣ Rough-in Plumbing											
	2RK 130	Rough-in Plumbing	12	12	0%	03/Mar/21	18/Mar/21													▣ Rough-in Fire Protection											
	2RK 150	Rough-in Fire Protection	5	5	0%	03/Mar/21	09/Mar/21													▣ MEP Inspections											
	2RK 100	MECH Inspections	3	3	0%	19/Mar/21	23/Mar/21													▣ MECH Insulation & Firestopping											
	2RK 110	MECH Insulation & Firestopping	5	5	0%	24/Mar/21	30/Mar/21													▣ MECH Insulation Inspection											
	2RK 120	MECH Insulation Inspection	1	1	0%	31/Mar/21	31/Mar/21													▣ Building Insulation											
	2RK 130	Building Insulation	5	5	0%	01/Apr/21	07/Apr/21													▣ Inwall Inspection											
	2RK 140	Inwall Inspection	5	5	0%	01/Apr/21	07/Apr/21													◆ Complete Rough-in Kitchen											
	2RK 170	Complete Rough-in Kitchen	0	0	0%		07/Apr/21																								
	Finishes		102	102		26/Feb/21	21/Jul/21													◆ Start Finishes 2nd Floor											
	2nd Floor Finishes - Library, Bridge		52	52		26/Feb/21	10/May/21													▣ Hang Drywall/Tape & Finish											
	2F2 100	Start Finishes 2nd Floor	0	0	0%	26/Feb/21														▣ Install Outdoor Classroom Finishes											
	2F2 110	Hang Drywall/Tape & Finish	10	10	0%	01/Mar/21	12/Mar/21													▣ Paint - Prime & First Coat											
	2F2 270	Install Outdoor Classroom Finishes	15	15	0%	02/Mar/21	22/Mar/21													▣ Install Ceiling Grids and Frames											
	2F2 120	Paint - Prime & First Coat	5	5	0%	10/Mar/21	16/Mar/21													▣ Install Doors, HW, Interior SF & Interior Glazing											
	2F2 130	Install Ceiling Grids and Frames	5	5	0%	17/Mar/21	23/Mar/21													▣ Install Light Fixtures											
	2F2 350	Install Doors, HW, Interior SF & Interior Glazing	5	5	0%	17/Mar/21	23/Mar/21													▣ Install HVAC Radiant Panels & RGDs											
	2F2 140	Install Light Fixtures	10	10	0%	22/Mar/21	02/Apr/21													▣ Install Floor & Wall Tile											
	2F2 160	Install HVAC Radiant Panels & RGDs	5	5	0%	24/Mar/21	30/Mar/21													▣ Install Sprinklers drops and heads											
	2F2 170	Install Floor & Wall Tile	10	10	0%	24/Mar/21	06/Apr/21													▣ Pull ATC/Teledata Wiring											
	2F2 250	Install Sprinklers drops and heads	8	8	0%	24/Mar/21	02/Apr/21													▣ Install Acooustical Ceiling Tile & Wood Ceiling Panels											
	2F2 260	Pull ATC/Teledata Wiring	10	10	0%	02/Apr/21	15/Apr/21													▣ Paint Finish Coat											
	2F2 150	Install Acooustical Ceiling Tile & Wood Ceiling Panels	5	5	0%	05/Apr/21	09/Apr/21													▣ Install Millwork & Casework											
	2F2 180	Paint Finish Coat	5	5	0%	05/Apr/21	09/Apr/21													▣ Prep & Install Flooring											
	2F2 210	Install Millwork & Casework	15	15	0%	05/Apr/21	23/Apr/21													▣ Install MEP & Fire Alarm Finishes											
	2F2 220	Prep & Install Flooring	12	12	0%	12/Apr/21	27/Apr/21													▣ Install Division 10,11,12											
2F2 190	Install MEP & Fire Alarm Finishes	5	5	0%	16/Apr/21	22/Apr/21																									
2F2 240	Install Division 10,11,12	5	5	0%	04/May/21	10/May/21																									

APRIL 2020 SCHEDULE

Project Controls 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	Q4		
	SC21040	Final Building Inspection	2	2	0%	29/Jul/21	30/Jul/21											Final Building Inspection													
	SC21010	Temporary Certificate of Occupancy - Phase 2	2	2	0%	05/Aug/21	06/Aug/21											Temporary Certificate of Occupancy - Phase 2													
	SC21100	Substantial Completion Phase 2 Rquired 8/6/21	0	0	0%		06/Aug/21*											Substantial Completion Phase 2 Rquired 8/6/21													
Phase 3 - Final Site Finishes			141	141		12/Apr/21	28/Oct/21																								
Demolition - Northern Wings			25	25		28/Jun/21	02/Aug/21																								
3DEM 100	Mobilize Phase 3 - Close of School 2021	1	1	0%	28/Jun/21*	28/Jun/21											Mobilize Phase 3 - Close of School 2021														
3DEM 110	Conduct Abatement of Remaining Building (Boiler Room, Gym, A	10	10	0%	28/Jun/21	12/Jul/21											Conduct Abatement of Remaining Building (Boiler Room, Gym, Auditorium, C														
3DEM 120	Demolish and Remove Building & Foundation .	20	20	0%	06/Jul/21	02/Aug/21											Demolish and Remove Building & Foundation .														
Site Finishes			141	141		12/Apr/21	28/Oct/21																								
Site Utilities			30	30		03/Aug/21	14/Sep/21																								
3SIT 300	Site Drainage (North Side of Site)	20	20	0%	03/Aug/21	30/Aug/21											Site Drainage (North Side of Site)														
3SIT 650	Infiltration System	20	20	0%	03/Aug/21	30/Aug/21											Infiltration System														
3SIT 310	Site lighting and light pole bases	10	10	0%	31/Aug/21	14/Sep/21											Site lighting and light pole bases														
Priority Walkways for School Opening			81	81		12/Apr/21	04/Aug/21																								
A1000	Utilites (drainage/site lighting) at South Side of Site (K-1 and Pre-	30	30	0%	12/Apr/21	21/May/21											Utilites (drainage/site lighting) at South Side of Site (K-1 and Pre-K Areas)														
A1010	Grade and prepare sub-base	3	3	0%	23/Jun/21	25/Jun/21											Grade and prepare sub-base														
A1020	Form and prep for concrete walkways	5	5	0%	28/Jun/21	02/Jul/21											Form and prep for concrete walkways														
A1030	Place and finish concrete walks	10	10	0%	09/Jul/21	22/Jul/21											Place and finish concrete walks														
A1040	Accessible for school access	2	2	0%	03/Aug/21	04/Aug/21*											Accessible for school access														
Play Areas			134	134		19/Apr/21	26/Oct/21																								
Playground Outside K thru 1 - Southside of School			64	64		19/Apr/21	19/Jul/21																								
3SIT 670	Form & Pour Concrete Retaining Walls	5	5	0%	19/Apr/21*	23/Apr/21											Form & Pour Concrete Retaining Walls														
3SIT 400	Rough Grading	3	3	0%	24/May/21	26/May/21											Rough Grading														
3SIT 420	Set Footings / Posts / Bollards for Inground Mount Furnishings ar	5	5	0%	27/May/21	03/Jun/21											Set Footings / Posts / Bollards for Inground Mount Furnishings and Fencing														
3SIT 490	Set Curb, Raised Planters, and Finish Grade	3	3	0%	04/Jun/21	08/Jun/21											Set Curb, Raised Planters, and Finish Grade														
3SIT 430	Pour Concrete Sidewalks and Pads	10	10	0%	09/Jun/21	22/Jun/21											Pour Concrete Sidewalks and Pads														
3SIT 410	Install Playground Equipment / Above Ground / Surface Mount F	10	10	0%	23/Jun/21	07/Jul/21											Install Playground Equipment / Above Ground / Surface Mount Furnishings /														
3SIT 610	Install Safety Play Surfacing	5	5	0%	23/Jun/21	29/Jun/21											Install Safety Play Surfacing														
3SIT 640	Install Sub Base and Asphalt Binder Course	3	3	0%	23/Jun/21	25/Jun/21											Install Sub Base and Asphalt Binder Course														
3SIT 550	Install Plantings & Lawns	10	10	0%	30/Jun/21	14/Jul/21											Install Plantings & Lawns														
3SIT 520	Asphalt Paved Walkways	3	3	0%	15/Jul/21	19/Jul/21											Asphalt Paved Walkways														
Playground at Pre-K - Eastside			57	57		27/May/21	17/Aug/21																								
3SIT 500	Rough Grading	3	3	0%	27/May/21	01/Jun/21											Rough Grading														
3SIT 360	Set Footings / Posts / Bollards for Inground Mount Furnishings ar	5	5	0%	02/Jun/21	08/Jun/21											Set Footings / Posts / Bollards for Inground Mount Furnishings and Fencing														
3SIT 380	Set Curb, Raised Planters, and Finish Grading	3	3	0%	06/Jul/21	08/Jul/21											Set Curb, Raised Planters, and Finish Grading														
3SIT 390	Pour Concrete Pavement and Pads	10	10	0%	09/Jul/21	22/Jul/21											Pour Concrete Pavement and Pads														
3SIT 530	Install Plantings and Lawns	5	5	0%	23/Jul/21	29/Jul/21											Install Plantings and Lawns														
3SIT 630	Install Sub Base and Asphalt Binder Course	3	3	0%	23/Jul/21	27/Jul/21											Install Sub Base and Asphalt Binder Course														
3SIT 600	Install Safety Play Surfacing	5	5	0%	28/Jul/21	03/Aug/21											Install Safety Play Surfacing														
3SIT 510	Asphalt Paved Walkways	2	2	0%	30/Jul/21	02/Aug/21											Asphalt Paved Walkways														
3SIT 370	Install Play Equipment / Above Ground / Surface Mount Furnishir	10	10	0%	04/Aug/21	17/Aug/21											Install Play Equipment / Above Ground / Surface Mount Furnishings / Fer														
Basketball Court			40	40		31/Aug/21	26/Oct/21																								
3SIT 440	Rough Grading	3	3	0%	31/Aug/21	02/Sep/21											Rough Grading														
3SIT 460	Set Footings / Posts for Inground Mount BBall Goals, Benches, F	5	5	0%	08/Sep/21	14/Sep/21											Set Footings / Posts for Inground Mount BBall Goals, Benches, Fencing														
3SIT 480	Fine Grade for Surfacing	3	3	0%	15/Sep/21	17/Sep/21											Fine Grade for Surfacing														
3SIT 570	Install Bituminous Binder course	5	5	0%	20/Sep/21	24/Sep/21											Install Bituminous Binder course														
3SIT 470	Install Bituminous Court Surface & markings	10	10	0%	27/Sep/21	08/Oct/21											Install Bituminous Court Surface & markings														
3SIT 620	Install Plantings & Lawns	10	10	0%	08/Oct/21	21/Oct/21											Install Plantings & Lawns														
3SIT 450	Install Hoops & Above Ground Furnishings - Benches & Furnishin	5	5	0%	11/Oct/21	15/Oct/21											Install Hoops & Above Ground Furnishings - Benches & Furnishings														
3SIT 580	Install Asphalt Walkways	3	3	0%	22/Oct/21	26/Oct/21											Install Asphalt Walkways														
Playground for Grades 2-5 / Plinkoball Court - NorthWest			27	27		03/Sep/21	12/Oct/21																								
3SIT 540	Rough Grading	2	2	0%	03/Sep/21	07/Sep/21											Rough Grading														



W.T. Rich Company

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Description

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Uploaded By

Trishya Patel

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2020/04/30 10:30:36

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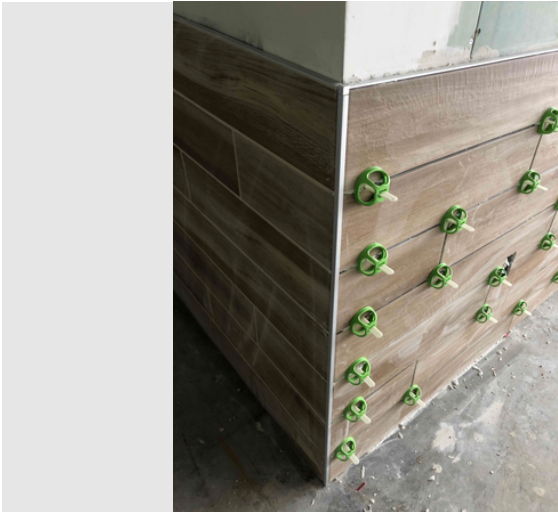
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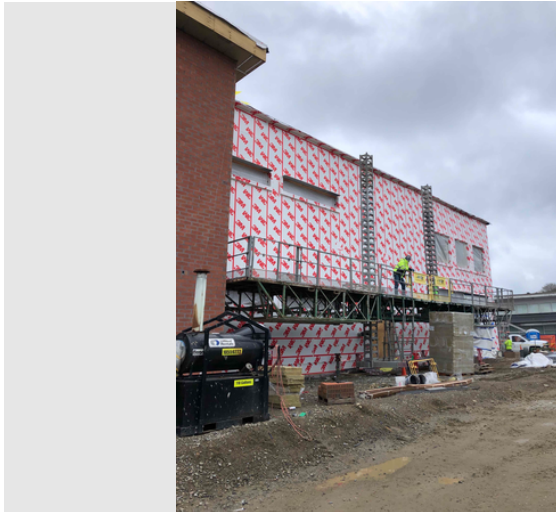
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Description

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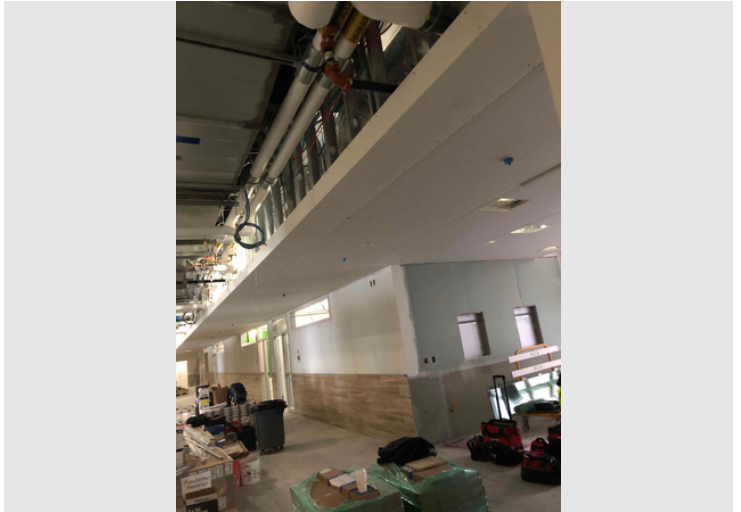
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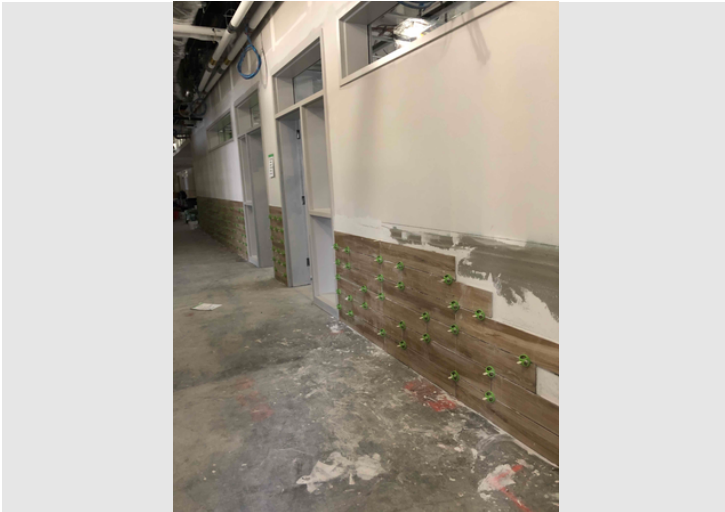
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43 Lincoln Street
Manchester by the Sea, Massachusetts 01944



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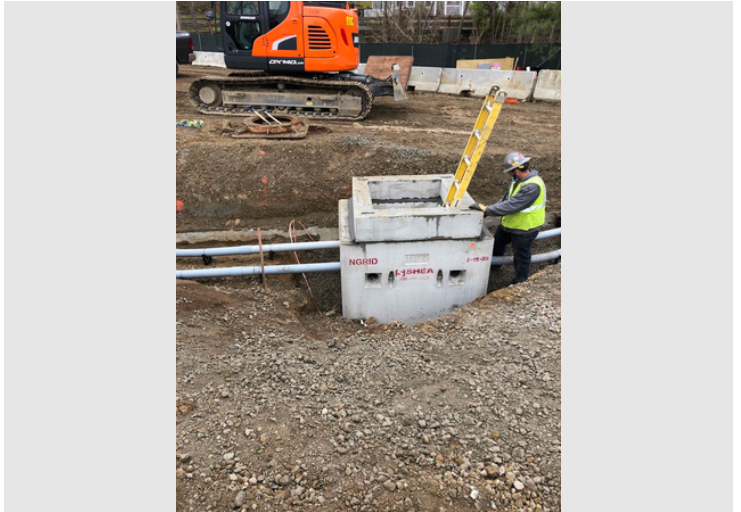
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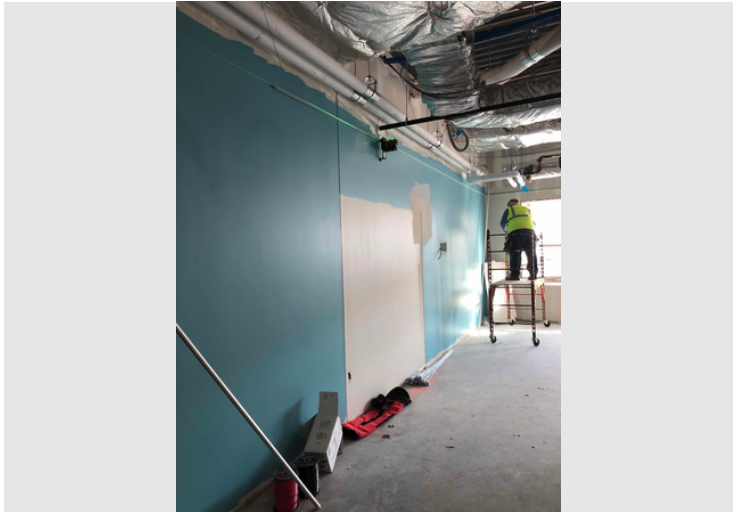
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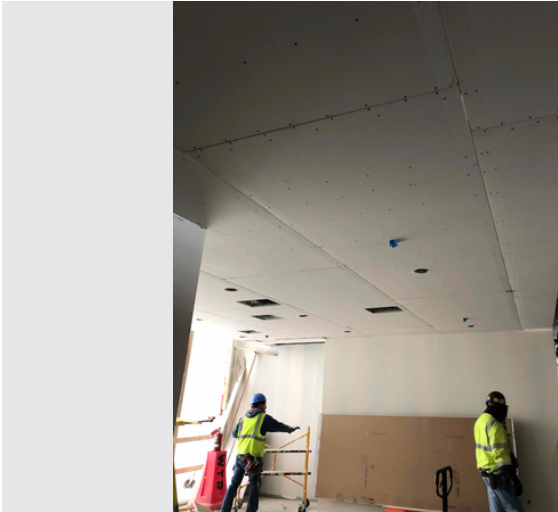
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Description

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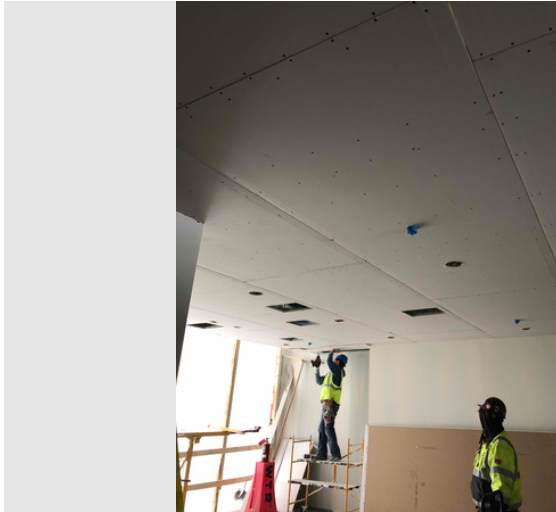
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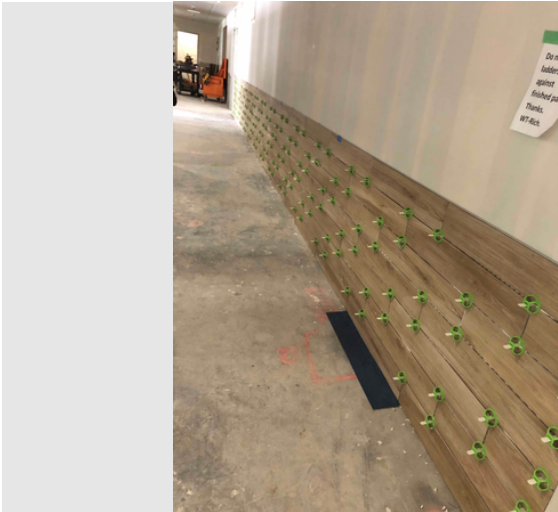
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Description

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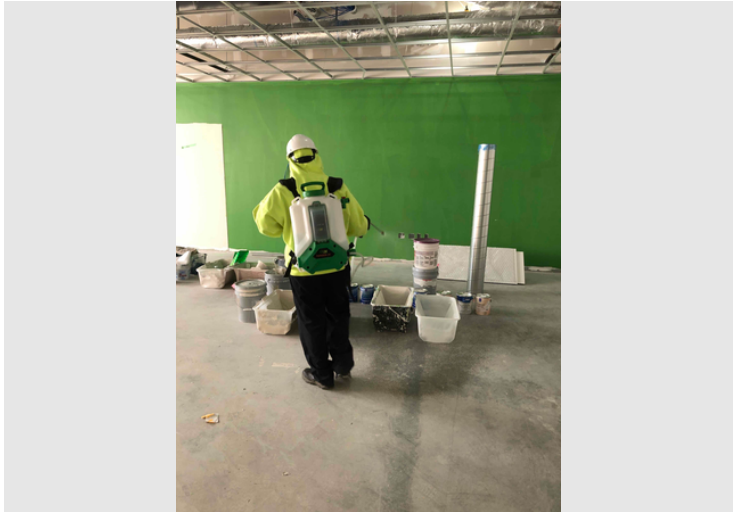
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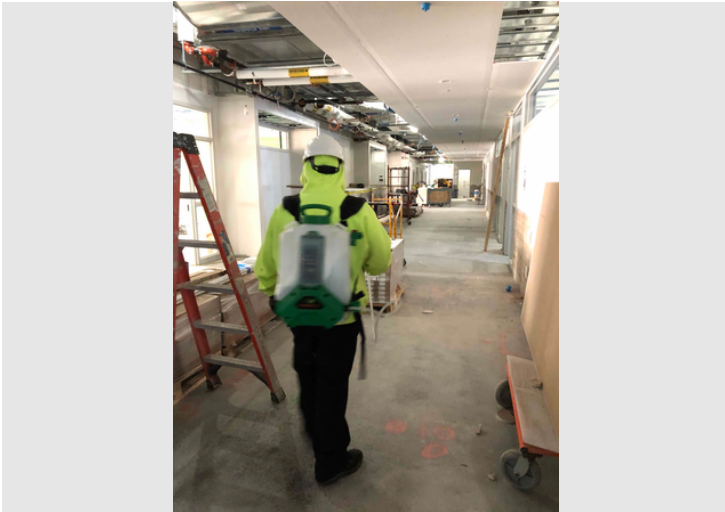
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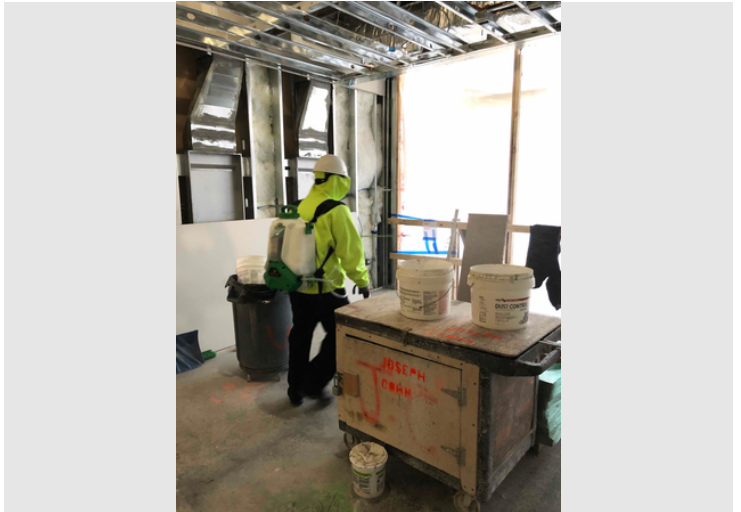
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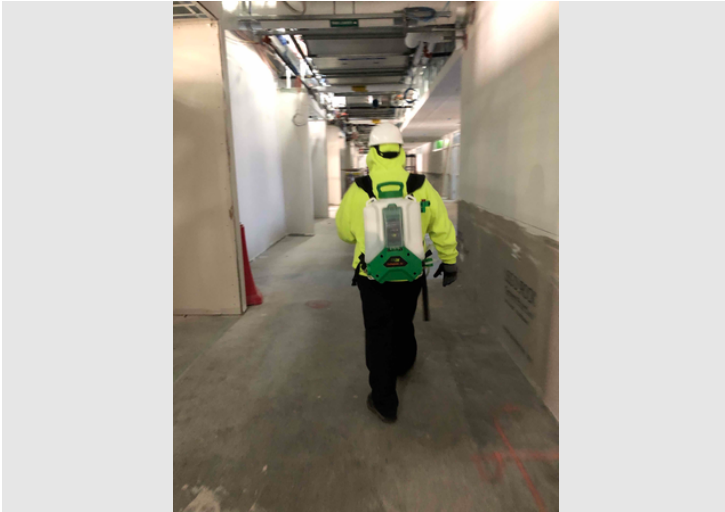
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43 Lincoln Street
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Description

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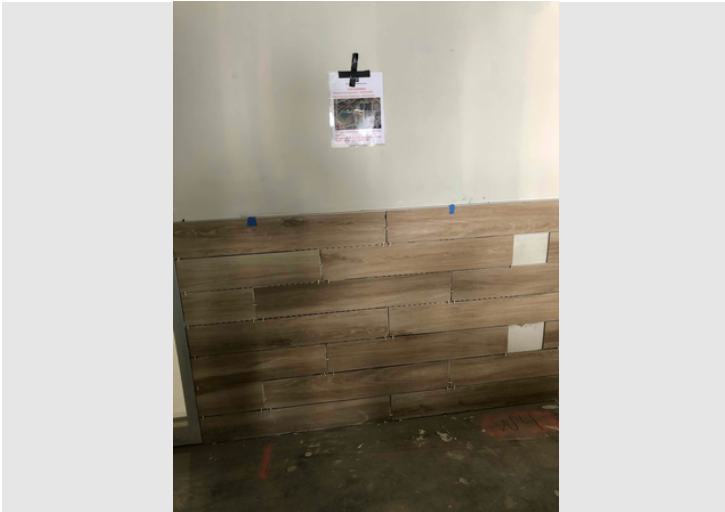
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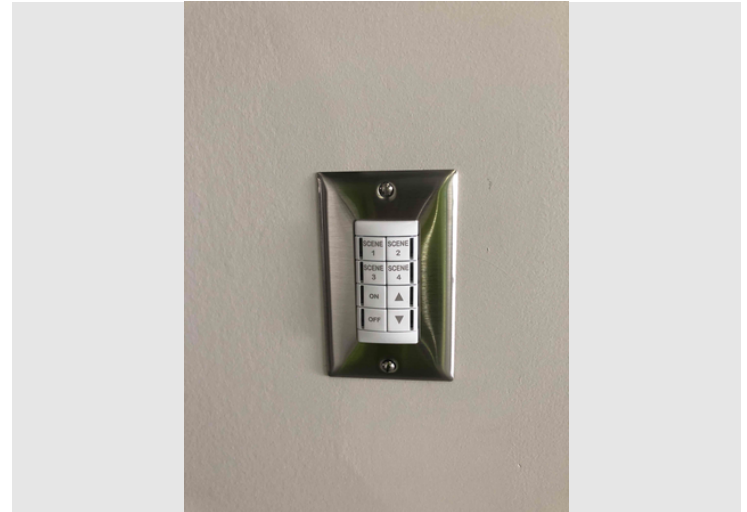
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43 Lincoln Street
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Description

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Uploaded By

Trishya Patel

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2020/04/20 08:06:20

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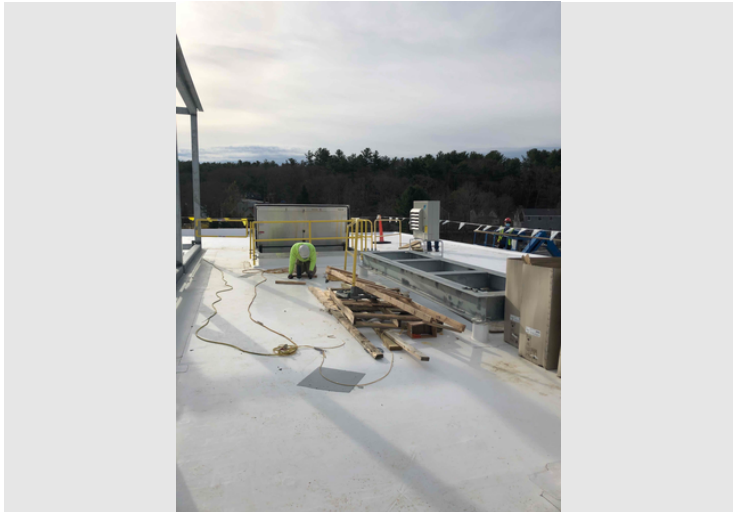
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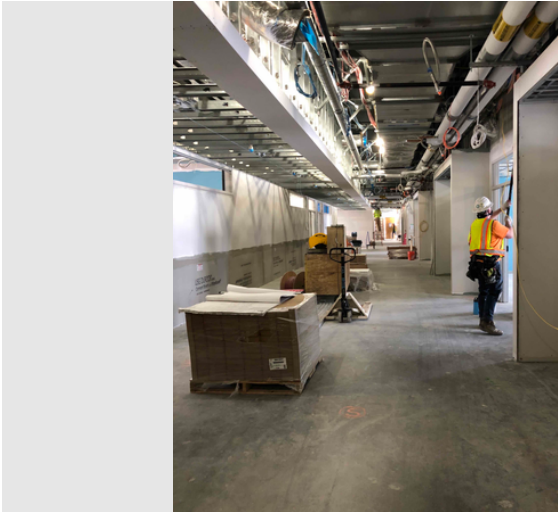
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Job #: 201802 Manchester Memorial Elementary School
43 Lincoln Street
Manchester by the Sea, Massachusetts 01944



Description

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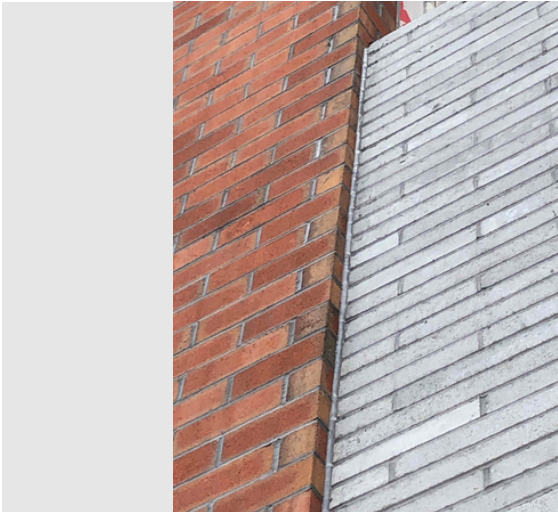
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43 Lincoln Street
Manchester by the Sea, Massachusetts 01944



Description

Taken Date

2020/04/16 07:32:29

Uploaded By

Trishya Patel

Upload Date

2020/04/16 07:32:41

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Description

Taken Date

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Description

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2020/04/15 14:25:57

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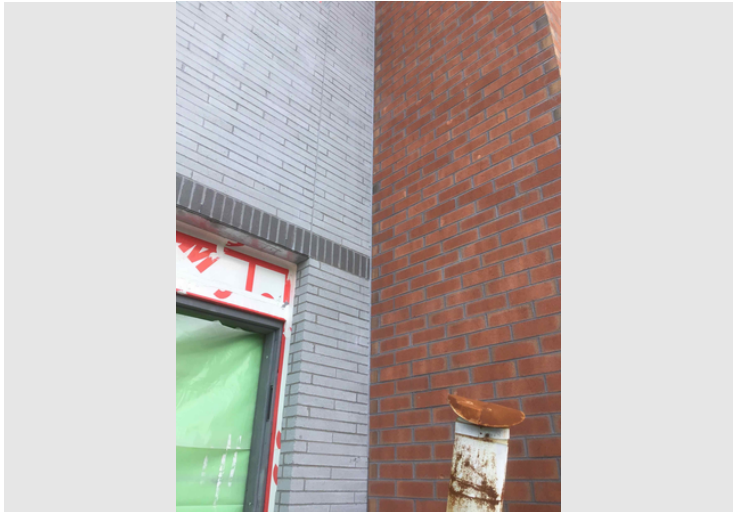
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Upload Date

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Upload Date

2020/04/15 13:38:26

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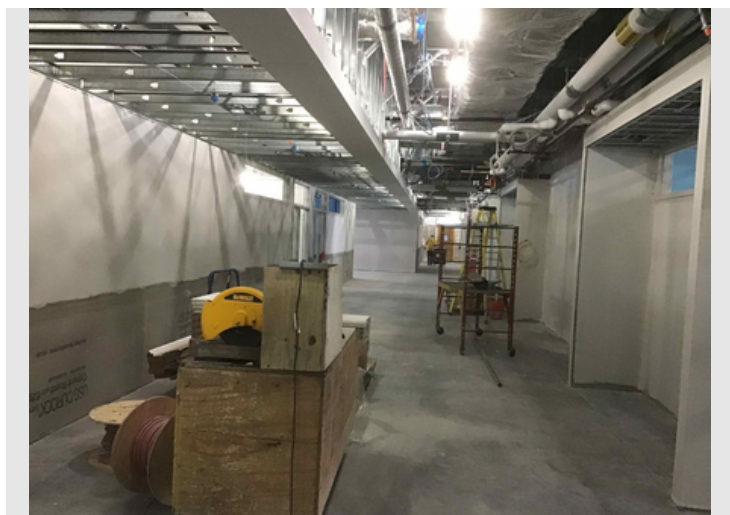
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W.T. Rich Company

Printed on Thu May 7, 2020 at 08:59 pm EDT

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



Description

Taken Date

2020/04/13 11:35:59

Uploaded By

John deBettencourt

Upload Date

2020/04/13 11:38:22

File Name

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Description

Taken Date

2020/04/13 11:35:36

Uploaded By

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Upload Date

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Description

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Upload Date

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Description

Taken Date

2020/04/10 14:30:57

Uploaded By

Tim Cella-Mowatt

Upload Date

2020/04/14 07:12:36

File Name

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W.T. Rich Company

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



Description

Taken Date

2020/04/10 14:30:57

Uploaded By

John deBettencourt

Upload Date

2020/04/10 14:31:28

File Name

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Description

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2020/04/10 14:22:25

Uploaded By

John deBettencourt

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2020/04/10 14:22:27

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2020/04/10 10:10:31

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John deBettencourt

Upload Date

2020/04/10 10:10:37

File Name

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W.T. Rich Company

Printed on Thu May 7, 2020 at 08:59 pm EDT

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



Description

Taken Date

2020/04/10 06:51:29

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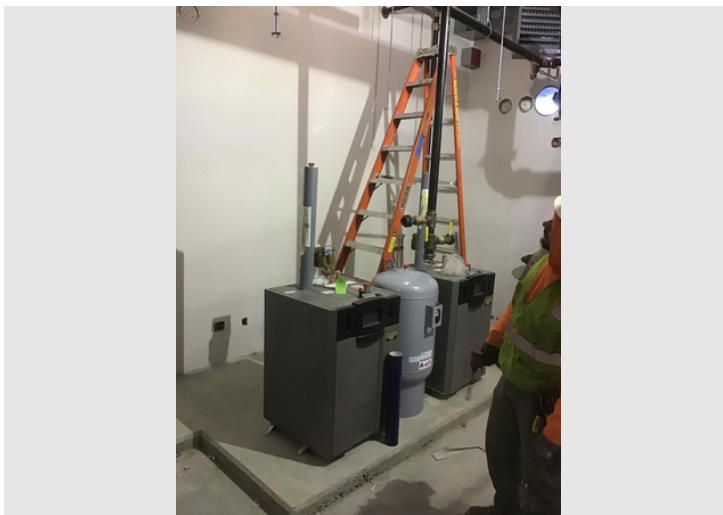
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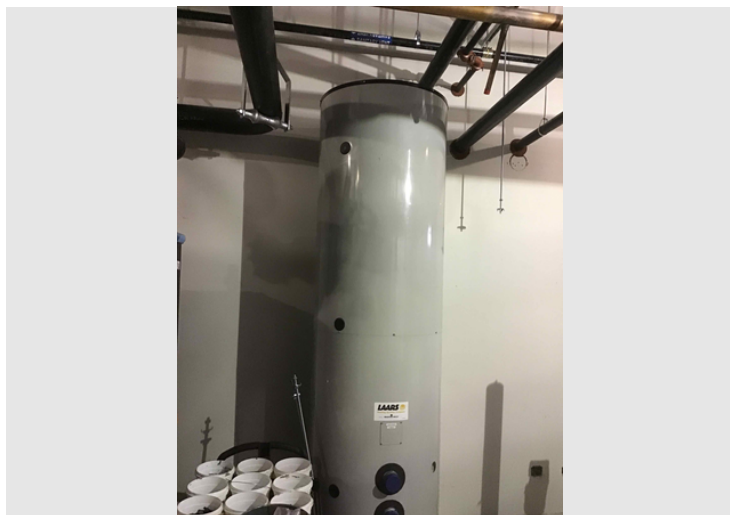
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Description

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Description

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John deBettencourt

Upload Date

2020/04/09 06:23:53

File Name

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W.T. Rich Company

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



Description

Taken Date

2020/04/09 06:22:37

Uploaded By

John deBettencourt

Upload Date

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Description

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2020/04/07 09:21:36

Uploaded By

John deBettencourt

Upload Date

2020/04/07 09:22:32

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



Description

Taken Date

2020/04/07 07:17:01

Uploaded By

John deBettencourt

Upload Date

2020/04/07 07:17:05

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Description

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Upload Date

2020/04/06 13:32:41

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W.T. Rich Company

Printed on Thu May 7, 2020 at 08:59 pm EDT

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



Description

Taken Date

2020/04/06 07:37:41

Uploaded By

John deBettencourt

Upload Date

2020/04/06 07:37:46

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Description

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2020/04/06 07:37:23

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Description

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2020/04/06 07:35:59

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Description

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2020/04/04 09:15:26

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John deBettencourt

Upload Date

2020/04/04 09:15:34

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W.T. Rich Company

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



Description

Taken Date

2020/04/04 09:05:52

Uploaded By

John deBettencourt

Upload Date

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Description

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Uploaded By

Rick Lawrence

Upload Date

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File Name

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Description

Taken Date

2020/04/02 08:05:06

Uploaded By

John deBettencourt

Upload Date

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Printed on Thu May 7, 2020 at 08:59 pm EDT

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



Description

Taken Date

2020/04/02 07:21:31

Uploaded By

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2020/04/02 07:59:24

File Name

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Description

Taken Date

2020/04/01 13:01:02

Uploaded By

Rick Lawrence

Upload Date

2020/04/02 07:59:17

File Name

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Description

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Uploaded By

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



Description

Taken Date

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John deBettencourt

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Description

Taken Date

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Rick Lawrence

Upload Date

2020/04/02 07:58:45

File Name

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Description

Taken Date

2020/04/01 08:47:00

Uploaded By

Rick Lawrence

Upload Date

2020/04/02 07:59:24

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



Description

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Description

Taken Date

2020/04/01 08:40:10

Uploaded By

Rick Lawrence

Upload Date

2020/04/02 07:58:04

File Name

[DSC04211.JPG](#)



Description

Taken Date

2020/04/01 08:39:00

Uploaded By

Rick Lawrence

Upload Date

2020/04/02 07:58:11

File Name

[DSC04208.JPG](#)



Description

Taken Date

2020/04/01 08:32:40

Uploaded By

Rick Lawrence

Upload Date

2020/04/02 07:57:11

File Name

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Printed on Thu May 7, 2020 at 08:59 pm EDT

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



Description

Taken Date

2020/04/01 08:27:02

Uploaded By

Rick Lawrence

Upload Date

2020/04/02 07:56:36

File Name

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Description

Taken Date

2020/04/01 08:26:49

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Rick Lawrence

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2020/04/02 07:56:27

File Name

[DSC04173.JPG](#)



Description

Taken Date

2020/04/01 08:26:31

Uploaded By

Rick Lawrence

Upload Date

2020/04/02 07:57:14

File Name

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Description

Taken Date

2020/04/01 08:26:13

Uploaded By

Rick Lawrence

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W.T. Rich Company

Printed on Thu May 7, 2020 at 08:59 pm EDT

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



Description

Taken Date

2020/04/01 08:22:08

Uploaded By

Rick Lawrence

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2020/04/02 07:56:33

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Description

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2020/04/01 08:21:20

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Rick Lawrence

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File Name

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Description

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2020/04/01 08:13:10

Uploaded By

Rick Lawrence

Upload Date

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File Name

[DSC04142.JPG](#)



Description

Taken Date

2020/04/01 08:12:48

Uploaded By

Rick Lawrence

Upload Date

2020/04/02 07:55:09

File Name

[DSC04141.JPG](#)



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Printed on Thu May 7, 2020 at 08:59 pm EDT

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



Description

Taken Date

2020/04/01 08:12:27

Uploaded By

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Upload Date

2020/04/02 07:55:18

File Name

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Description

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2020/04/01 08:10:48

Uploaded By

Rick Lawrence

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2020/04/02 07:55:04

File Name

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Description

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Uploaded By

Rick Lawrence

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2020/04/02 07:54:36

File Name

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Description

Taken Date

2020/04/01 08:06:36

Uploaded By

Rick Lawrence

Upload Date

2020/04/02 07:54:35

File Name

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W.T. Rich Company

Printed on Thu May 7, 2020 at 08:59 pm EDT

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



Description

Taken Date

2020/04/01 08:06:31

Uploaded By

Rick Lawrence

Upload Date

2020/04/02 07:54:45

File Name

[DSC04121.JPG](#)



Description

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Description

Taken Date

2020/04/01 08:02:02

Uploaded By

John deBettencourt

Upload Date

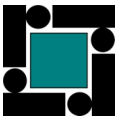
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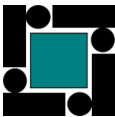
**Manchester Memorial Elementary School
Monthly Construction Report Summary – April 2020**

SECTION 3 – ATTACHMENTS



Manchester Memorial Elementary School

						MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN
						4/27	4/28	4/29	4/30	5/1	5/2	5/3	5/4	5/5	5/6	5/7	5/8	5/9	5/10	5/11	5/12	5/13	5/14	5/15	5/16	5/17
Milestone/Activity Description	Responsibility	First Delivery	Initial Inspection	Start Date	End Date																					
UPCOMING MILESTONES / GENERAL																										
Exterior Masonry	JDB			03/02/20	05/20/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Start Curtain Wall / Storefront	JDB			03/30/20	TBD	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
2nd Floor Ready to Close ACT Ceilings * need heat Tile	JDB			05/19/20	TBD																					
1st Floor Ready to Close ACT Ceilings * need heat* Tile	JDB			05/26/20	TBD																					
Ready for Permanent Power (Delays with NGrid)	JDB			05/01/20	TBD					X			X	X	X	X	X			X	X	X	X	X		
HVAC Start Ups & Testing (Need Power)	JDB			05/01/20	05/15/20					X			X	X	X	X	X			X	X	X	X	X		
Elevator Installation	JDB			05/11/20	06/05/20															X	X	X	X	X		
Building Interior - SECOND FLOOR																										
Annese Electric																										
Install Light Fixture in hard ceilings (delivered 4-20)	BA			Complete	Compete																					
Installation Electrical Distribution	JDB			03/09/20	05/15/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Power to all Roof Top Equipment	JDB			TBC	TBC																					
Smoke/Fire/Sound Seal	BA			03/10/20	05/15/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Ready for Permanent Power	JDB			04/03/20	04/03/20																					
Install Tel/data racks & cable tray	JDB				TBD	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Install light fixture in classrooms	JDB			04/27/20	05/19/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Install Tel/Com Wiring (back order material)	JDB			03/23/20	05/15/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Rough Electrical Stair #1 LS8 LS8A	JDB			03/23/20	05/15/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
E. Amanti & Sons Plumbing																										
Install sinks in millwork	SK			05/18/20	05/29/20																					
E. Amanti & Sons HVAC																										
Smoke/Fire/Sound Seal Classrooms & Corridors	BA			03/10/20	05/15/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Install RP in classrooms	BA			04/27/20	05/08/20	X	X	X	X	X			X	X	X	X	X									
Install DD's in Classroom& Insulate	BA			04/06/20	05/08/20	X	X	X	X	X			X	X	X	X	X									
Tie in Chiller water pumps & tanks	BA			04/20/20	05/08/20	X	X	X	X	X			X	X	X	X	X									
Manganaro																										
Finish Sand & Tape Classrooms	BA			03/30/20	05/08/20	X	X	X	X	X			X	X	X	X	X									
Drywall Bathroom Ceilings (waiting on lights)	BA			04/30/20	05/06/20				X	X			X	X	X											
Insulate DW at window returns	BA			04/29/20	05/28/20			X	X	X			X	X	X	X	X			X	X	X	X	X		
Board and Tape Hard Ceilings	BA			04/01/20	05/08/20	X	X	X	X	X			X	X	X	X	X									
Taping Corridors Ready for Ceiling	BA			04/27/20	05/08/20	X	X	X	X	X			X	X	X	X	X									
O'Byrne Painting																										
Prime + First Coat Corridors + Ceiling	BA			05/07/20	05/15/20											X	X			X	X	X	X	X		
The Waterproofing Co																										



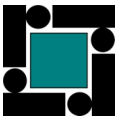
Manchester Memorial Elementary School

						MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN
						4/27	4/28	4/29	4/30	5/1	5/2	5/3	5/4	5/5	5/6	5/7	5/8	5/9	5/10	5/11	5/12	5/13	5/14	5/15	5/16	5/17
Milestone/Activity Description	Responsibility	First Delivery	Initial Inspection	Start Date	End Date																					
Interior Caulking Door Frames & Borrowed Lights	BA			Complete	Complete																					
H Carr																										
Install Ceiling Grid	JDB			03/30/20	05/08/20	X	X	X	X	X			X	X	X	X	X									
White out Classrooms Ceiling	BA			05/19/20	05/29/20																					
Install Corridor Ceiling Grid	JDB			05/15/20	05/19/20																			X		
Cogswell Sprinkler																										
Insstall Drops in Ceiling	SK			Complete	Complete																					
Demobilize extra material	BA			Complete	Complete																					
A&A Windows																										
Install HM Glass	SB			Complete	Complete																					
Nova Woodworking																										
Install Classroom Millwork (Dates for Materials TBC)	SB			04/29/20	05/22/20			X	X	X			X	X	X	X	X			X	X	X	X	X		
Install Hallway Wood Paneling (Dates for Materials TBC)	SB			04/29/20	05/22/20			X	X	X			X	X	X	X	X			X	X	X	X	X		
Joseph Cohn & Sons																										
Install Corridor Tile	SB			04/22/20	05/08/20	X	X	X	X	X			X	X	X	X	X									
Install Bathroom Tile (Confirm Delivery from Italy?)	SB			04/29/20	05/13/20			X	X	X			X	X	X	X	X			X	X	X				
Resinous Flooring																										
Install Resinous Flooring (both floors ready)	SB			05/18/20	05/29/20																					
Northshore Steel																										
Install Service Stair Handrail	SB			Complete	Complete																					
Install Stiar #1 Hand Rails	SB			Complete	Complete																					
MMES Team																										
Above ceiling inspection hard ceilings	SB			04/23/20	05/04/20	X	X	X	X	X			X													
Above ceiling inspection classrooms	SB			05/11/20	05/15/20															X	X	X	X	X		
WTR - Instalation temp door Elec rom/ Tell Com & EMR	SB			04/29/20	05/08/20			X	X	X			X	X	X	X	X									
Building Interior - FIRST FLOOR																										
Annese Electric																										
Complete FA Rough	JDB			Complete	Complete																					
Smoke / Fire / Sound Sealent	JDB			03/12/20	05/01/20	X	X	X	X	X																
Install Tel/Data & Lighting Controls	JDB			04/06/20	05/08/20	X	X	X	X	X			X	X	X	X	X									
Iinstall Security Wiring	JDB			04/06/20	05/08/20	X	X	X	X	X			X	X	X	X	X									
Install Hard Ceiling Light Fixtures Bathrooms	JDB			04/27/20	05/15/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Main Electrical Distribution	JDB			03/12/20	05/08/20	X	X	X	X	X			X	X	X	X	X									
Ready for Elevator	JDB			04/30/20	04/30/20				X																	
E. Amanti & Sons Plumbing																										
Smoke / Fire / Sound Sealent	JDB			03/12/20	05/15/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		



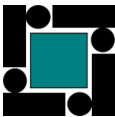
Manchester Memorial Elementary School

						MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	
						4/27	4/28	4/29	4/30	5/1	5/2	5/3	5/4	5/5	5/6	5/7	5/8	5/9	5/10	5/11	5/12	5/13	5/14	5/15	5/16	5/17	
Milestone/Activity Description	Responsibility	First Delivery	Initial Inspection	Start Date	End Date																						
Install Temperature Controls	BA			04/06/20	05/22/20	X	X	X	X	X	X		X	X	X	X	X	X			X	X	X	X	X		
Install Boiler & HWH breach through roof	JDB			04/29/20	05/08/20			X	X	X	X	X	X	X	X	X	X	X	X								
Install Hot Water Heater & Piping	BA			03/30/20	05/08/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
Install Gas Train	JDB			03/30/20	05/08/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
E. Amanti & Sons HVAC											X	X							X	X							
HVAC Duct & Pipe Install	JDB			02/20/20	04/24/20						X	X						X	X								
Smoke / Fire / Sound Sealent	JDB			03/12/20	05/15/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Install Radient Panel	JDB			05/01/20	05/08/20					X	X	X	X	X	X	X	X	X	X								
Install DD's classrooms	JDB			05/04/20	05/15/20						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
Install Boiler Flues	SK			04/15/20	05/08/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
Manganaro											X	X						X	X								
Installation Classroom, Drywall + Tape	BA			04/21/20	05/01/20	X	X	X	X	X	X	X						X	X								
Tape Corridors	BA			04/29/20	05/04/20			X	X	X	X	X	X					X	X								
Frame Hard Ceilings	BA			04/27/20	05/01/20	X	X	X	X	X	X	X						X	X								
O'Byrne Painting											X	X						X	X								
Prime + First Coat Classrooms	BA			04/06/20	04/30/20	X	X	X	X		X	X						X	X								
Prime and first coat corridors	BA			04/24/20	05/05/20	X	X	X	X	X	X	X	X	X				X	X								
H Carr											X	X						X	X								
Ceiling Grid	JDB			04/23/20	05/05/20	X	X	X	X	X	X	X	X	X				X	X								
White out Classrooms Ceiling	JDB			05/26/20	06/05/20						X	X						X	X								
Grid in corridors	JDB			05/20/20	05/22/20						X	X						X	X								
Joseph Cohn & Sons											X	X						X	X								
Corridor Tile	SB			04/29/20	05/07/20			X	X	X	X	X	X	X	X	X		X	X								
Bathroom Tile	SB			05/11/20	05/15/20						X	X						X	X	X	X	X	X	X	X		
SOEP											X	X						X	X								
Spray acoustical in art room ceilings	SB			05/06/20	05/07/20						X	X			X	X		X	X								
ALL											X	X						X	X								
Above ceiling inspection	BA/TP			05/11/20	05/22/20						X	X						X	X	X	X	X	X	X	X		
Building EXTERIOR																											
Annese Electric											X	X						X	X								
Install Verizon conduit and electric ductbank In Rodway * waiting on permit	SK			TBD	TBD						X	X						X	X								
Installation rec, speakers & East Light in masonry walls + Security	JDB			03/04/20	05/15/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
E. Amanti & Sons											X	X						X	X								
Installation of Hose Bibs	JDB			Complete	Compete						X	X						X	X								
Installation of Louver	JDB			04/27/20	05/08/20	X	X	X	X	X	X	X	X	X	X	X	X	X	X								
Manganaro											X	X						X	X								



Manchester Memorial Elementary School

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						4/27	4/28	4/29	4/30	5/1	5/2	5/3	5/4	5/5	5/6	5/7	5/8	5/9	5/10	5/11	5/12	5/13	5/14	5/15	5/16	5/17
Milestone/Activity Description	Responsibility	First Delivery	Initial Inspection	Start Date	End Date																					
Install Soffit & Fascia	BA			Complete	Complete																					
The Waterproofing Co																										
Caulk Expansion Joints (South Elevation)	JDB			04/28/20	05/15/20		X	X	X	X			X	X	X	X	X			X	X	X	X	X		
SOAP																										
Installation of spray foam at eyebrow roofs	SB			05/06/20	05/08/20										X	X	X									
H Carr																										
Install CP-3 soffit systems	JDB			TBD	TBD																					
Marmelo																										
Install Masonry at North Elevation	JDB	Completed	Completed	Complete	Complete																					
Install Masonry at West Elevation	JDB	Completed	Completed	04/25/20	05/01/20	X	X	X	X	X																
Install Masorny at South Elevation	JDB	Completed	Completed	03/30/20	05/08/20	X	X	X	X	X			X	X	X	X	X									
Wash down building	JDB			05/11/20	05/22/20															X	X	X	X	X		
A&A Windows																										
Installing SF-1 North Elevation	JDB	Scheduled		04/21/20	05/08/20	X	X	X	X	X			X	X	X	X	X									
Installing SF/CW West Elevation	JDB	Scheduled		06/08/20	06/12/20																					
Installing SF/CW South Elevation	JDB	Scheduled		04/28/20	05/15/20		X	X	X	X			X	X	X	X	X			X	X	X	X	X		
United Civil																										
E&B for Verizon Line	SB			04/20/20	TBD	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X		
Site prep for Stairs & ramp at west elevation	SB			Complete	04/30/20																					
Install Electric Structure	SB			Complete	Complete																					
Backfill newly located hand hole	SB			Complete	Complete																					
Footings for Temp Stairs	SB			Complete	Complete																					
Fill and Grade at South elevation for Sidewalks	SB																									
Excavate for Underground Conduit North and South	SB			Complete	Complete																					
Annese Installation conduit between builings	SB			Complete	Complete																					
Helical																										
Install ground improvements + ramp	BP			05/18/20	05/22/20																					
JL Marshall																										
West Stair/Ramp Concrete	BA			05/25/20	06/05/20																					
South elevation Sidewalks	BA			06/29/20	07/10/20																					
Stanley Roofing																										
Installation fasha (after CP3 system																										
Northshore Steel																										
North Side Temp Stairs * Target Date	SB			05/11/20	06/15/20															X	X	X	X	X		
West Stair / Ramp Railings * target date	SB			TBD	TBD																					

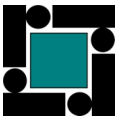


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						4/27	4/28	4/29	4/30	5/1	5/2	5/3	5/4	5/5	5/6	5/7	5/8	5/9	5/10	5/11	5/12	5/13	5/14	5/15	5/16	5/17	
Milestone/Activity Description						Responsibility	First Delivery	Initial Inspection	Start Date	End Date																	
ROOF																											
Stanley Roofing																											
Pipe Pens & Support DCU x 4	BA			04/13/20	05/15/20	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X			
Scuppers / Metal	SB			TBD	TBD																						
Tie in VB at facis	SB			04/15/20	04/30/20	X	X	X	X																		
Penetrations for DCU's	SB			TBD	TBD																						
Penetrations for vents	SB			TBD	TBD																						
Clean up roof	SB			TBD	TBD																						
Stellar Steel																											
Chiller Steel	SB/AC			05/30/20	TBD																						
E. Amanti & Sons																											
Set Efs	SB		Completed	Complete	Complete																						
DCU's x 3	SB			4/6/2020	5/8/2020	X	X	X	X	X			X	X	X	X	X										
Set Chiller	SB			5/5/2020																							
Existing Building Milestones / General																											
American Environmental																											
Abatement phase 2	SB			TBD	TBD																						
Anneese Electric																											
Install Temp Raceways to Building	SB			04/29/20	05/08/20			X	X	X			X	X	X	X	X										
WTR																											
Tape & paint Dw, install base	SB			04/21/20	05/08/20	X	X	X	X	X			X	X	X	X	X										
AHU startup (perm power)	SB			05/08/20																							
Finalize temp office space	SB			04/14/20	05/13/20	X	X	X	X	X			X	X	X	X	X			X	X	X					
Relocate office trailers for phase 2				04/27/20	05/08/20	X	X	X	X	X			X	X	X	X	X										
Start Demo phase 2, Pending move out				05/04/20	05/31/20								X	X	X	X	X			X	X	X	X	X			
Utilities																											
Permanent Power	SK			02/10/20	TBD	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X			
National Grid Gas Line (Confirm Tie-in at Driveway)	SK			04/01/20	TBD	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X			
Advance Recovery Schedule																											
Install Gas Main (Tie-in TBC - NGrid Delay)				TBD	TBD																						
Tel/Data Tie in roadway ** pending permit approval				TBD	TBD																						
Raceway existing Building				04/13/20	05/08/20	X	X	X	X	X			X	X	X	X	X										
Abatement Crawl Space only																											
Prepare site for phase 2 demo				04/20/20	TBD	X	X	X	X	X			X	X	X	X	X			X	X	X	X	X			



Manchester Memorial Elementary School

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						4/27	4/28	4/29	4/30	5/1	5/2	5/3	5/4	5/5	5/6	5/7	5/8	5/9	5/10	5/11	5/12	5/13	5/14	5/15	5/16	5/17
Milestone/Activity Description	Responsibility	First Delivery	Initial Inspection	Start Date	End Date																					
Telcom Power & security temp office space Rough				Complete	Complete																					
Approval for temp egress north elevation 5/1 drop dead date				05/01/20	05/01/20																					
Permits / Sign-offs / C of Os/ Inspections																										
Building Permit				Complete	Complete																					
Second Floor Rough Electrical Sign-Off				Complete	Complete																					
Rough plumbing 1st and 2nd				Complete	Complete																					
Rough Electricial Inspection 1st Floor		Completed	Completed	Complete	Complete																					
Fire Protection Main Flush				Complete	Complete																					
2nd floor above ceiling inspector sign off				05/19/20																						
1st floor above ceiling inspector sign off				05/26/00																						
Holiday's - NO WORK 5/25 UNION HOLIDAY																										
No School - WORK but NO KIDS, as of 3/12																										
Quality Control																										
Preinstallation Meetings																										
Vapor Barrier (Pull Test	JTC			Complete	Complete																					
Welds	JTC			Complete	Complete																					
First Delivery Inspections	WTR																									
Window Testing	JTC / WTR			05/04/20	05/07/20																					
2nd floor above hard ceiling inspection	JDB/SB/BA			03/20/20	04/10/20																					
Initial and Follow-Up Inspections (Review of Workmanship and Procedures)																										
Concrete	JTC / WTR																									
Rebar	JTC / WTR																									
Mock-Up Classroom																										
Paint walls	JDB		Completed																							
Install ceiling Grid (observation not finalized)	JDB																									
White out Ceiling 1st	JDB			05/26/20																						
White out Ceiling 2nd	JDB			05/19/20																						
Install Flooring Resenous & CT	JDB																									
Install Divison 10	JDB																									
Install Electrical - Sent out lighting procore	JDB																									
Install Plumbing	JDB																									
Install DD difusers - Sent out procore	JDB																									
Install Millwork	JDB																									
Install doors and glass	JDB																									
Install hardware	JDB																									
Corridor CT donw	JDB																									
Bathroom CT - Approved	JDB			05/01/20																						
Corrivor VCT	JDB			tbd																						



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

Updated: 5/7/2020

						MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN
						4/27	4/28	4/29	4/30	5/1	5/2	5/3	5/4	5/5	5/6	5/7	5/8	5/9	5/10	5/11	5/12	5/13	5/14	5/15	5/16	5/17
Milestone/Activity Description						Responsibility	First Delivery	Initial Inspection	Start Date	End Date																
Subcontractor Meetings - Every Thursday AM @ 8:00AM																										
Safety																										
Orientations - On Going as Needed with New Hires						SB																				
COVID-19 pre entry & Spray																										
CORI Check- On Going as Needed with New Hires						SB																				
ConstructSecure Safety Inspections (min 1 per Week)																										