



Crabtree, Rohrbaugh & Associates - Architects

401 East Winding Hill Road
 Mechanicsburg, PA 17055
 Maryland • Pennsylvania • Virginia • West Virginia

Contractor: Hosler Corporation
Address: 906 North Vine Street
Address:
City, State, ZIP: Berwick, PA 18603

Project : Northern Lebanon SD
Address: New Elementary School

Change Order No: 5
Date: 10/31/2022

Architect's Project No: 3446

The contract is changed as follows:

Contract Type: HVAC

Notice to Proceed Date: 8/31/2021

Add \$	4,113.00
Deduct	

To provide spiral double wall ductwork in the cafeteria in lieu of the specified rectangular ductwork that would not fit within the webs of the bar joists. See the attached Hosler COR MC-007 Rev #2 dated October 11, 2022.

Additional Documentation Attached

This Change Order is not valid until signed by the Owner, Architect, and Contractor.

Original Contract Amount	\$	5,095,200.00
Net Change by previous Change Orders	\$	(95,200.00)
Contract Amount prior to this Change Order	\$	5,000,000.00
Net Change by this Change Order	\$	4,113.00
Contract Amount after this Change Order	\$	5,004,113.00

Contract Time adjustment as a result of this Change Order 0 Days
 Date of Substantial Completion as of this Change Order

Architect
 Crabtree Rohrbaugh & Assoc.
 401 East Winding Hill Road
 Third Floor
 Mechanicsburg, PA 17055

Contractor
 Hosler Corporation
 906 North Vine Street
 Berwick, PA 18603

Owner
 Northern Lebanon School District
 345 School Drive
 Fredericksburg, PA 17026

By: _____

By: _____

By: _____

Date: _____

Date: _____

Date: _____



HOSLER CORP.
 6 NORTH VINE STREET
 BERWICK, PA 18603
 PHONE: (570) 759-2892
 FAX (570) 520-4630

Date:

Tuesday, October 11, 2022

MC-COR-007_Rev2**To:**

Crabtree, Rohrbach, and Associates - Architects
 401 East Winding Hill Road
 Mechanicsburg, PA 17055

Re:

Northern Lebanon ES

Proposed Change Order:

This change order is for the difference in price between lined rectangular and double wall spiral ductwork in the Cafeteria. The lined rectangular would not fit between the joists as designed and needed to be changed to double wall round. We also had to change from a single, lined rectangular return down the chase to two double wall round returns into the soffit.

Labor						
Hours	Classification	Rate/Hour	Rate Subtotal	Fringe / Hour	Fringe Subtotal	Labor Subtotal
	Administrative Hours	\$85.00	\$0.00	\$0.00	\$0.00	
251	Sheet Metal Worker (Install DW)	\$36.08	\$9,056.08	\$42.65	\$10,705.15	\$19,761.23
137	Sheet Metal Worker (Fabricate DW fittings)	\$36.08	\$4,942.96	\$42.65	\$5,843.05	\$10,786.01
	Subtotal		\$13,999.04		\$16,548.20	\$30,547.24
	15% Profit and Overhead		\$2,099.86		\$2,482.23	\$4,582.09
	Total		\$16,098.90		\$19,030.43	\$35,129.33

Material				
Qty.	Description	Unit	Each	Subtotal
1256	Rectangular Duct	EA	\$11.51	\$14,456.56
1263	Galv sheet metal (DW duct fittings)	LBS	\$1.00	\$1,263.00
515	Liner for DW fittings	SQFT	\$1.00	\$515.00
1	Double wall straight ducts and flanges for fittings	LOT	\$11,350.00	\$11,350.00
-4976	Rectangular Duct	EA	\$11.51	-\$57,273.76
-35	12" taps	EA	\$38.00	-\$1,330.00
-35	12" elbows	EA	\$10.50	-\$367.50
-346	12" round duct	FT	\$7.50	-\$2,595.00
	Subtotal			-\$33,981.70
	6% PA Sales Tax			-\$2,038.90
	Total			-\$36,020.60

Total Mandated Burden			
Basis	Description	Rate	Subtotal
\$ 13,999.04	Social Security	7.650%	\$1,070.93
\$ 13,999.04	State Unemployment Tax	3.7544%	\$525.58
\$ 13,999.04	Federal Unemployment Tax	1.200%	\$167.99
\$ 13,999.04	Worker's Compensation	\$11.25 /100	\$1,574.89
\$ 13,999.04	General Liability	\$7.24 /100	\$1,012.83
			Subtotal
			\$4,352.22
			15% Profit and Overhead
			\$652.83
			Total Mandated Burden
			\$5,005.05

<u>SUMMARY</u>	
LABOR	\$35,129.00
SUBCONTRACTOR	\$0.00
MATERIALS	-\$36,021.00
TOOLS AND EQUIPMENT	\$0.00
TOTAL MANDATED BURDEN	\$5,005.00
C.O.R. TOTAL	\$4,113.00



 Justin Caspersen
 Vice President



HOSLER CORP.
 16 NORTH VINE STREET
 BERWICK, PA 18603
 PHONE: (570) 759-2892
 FAX (570) 520-4630

Date:

Tuesday, October 11, 2022

MC-COR-007**To:**

Crabtree, Rohrbach, and Associates - Architects
 401 East Winding Hill Road
 Mechanicsburg, PA 17055

Re:

Northern Lebanon ES

Proposed Change Order:

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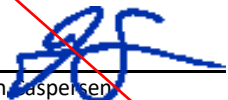
Labor						
Hours	Classification	Rate/Hour	Rate Subtotal	Fringe / Hour	Fringe Subtotal	Labor Subtotal
1	Administrative Hours	\$85.00	\$85.00	\$0.00	\$0.00	\$85.00
162	Sheet Metal Worker (Fabrication of rect duct and DW fittings)	\$75.00	\$12,150.00	\$0.00	\$0.00	\$12,150.00
311	Sheet Metal Worker (Install)	\$36.08	\$11,220.88	\$42.65	\$13,264.15	\$24,485.03
-196	Sheet Metal Worker (Fabrication of rect duct)	\$75.00	-\$14,700.00	\$0.00	\$0.00	-\$14,700.00
-178	Sheet Metal Worker (Install)	\$36.08	-\$6,422.24	\$42.65	-\$7,591.70	-\$14,013.94
Subtotal			\$2,333.64		\$5,672.45	\$8,006.09
15% Profit and Overhead			\$350.05		\$850.87	\$1,200.91
Total			\$2,683.69		\$6,523.32	\$9,207.00

Material				
Qty.	Description	Unit	Each	Subtotal
2519	Galv sheet metal (rectangular duct and DW fittings)	LBS	\$1.00	\$2,519.00
1498	Fiberglass liner	SQ FT	\$1.00	\$1,498.00
1	Double wall straight ducts and flanges for fittings	LOT	\$11,350.00	\$11,350.00
-4976	Galv sheet metal	LBS	\$1.00	-\$4,976.00
-3447	Fiberglass liner	SQ FT	\$1.00	-\$3,447.00
-35	12" taps	EA	\$38.00	-\$1,330.00
-35	12" elbows	EA	\$10.50	-\$367.50
-346	12" round duct	FT	\$7.50	-\$2,595.00
Subtotal				\$2,651.50
6% PA Sales Tax				\$159.09
10% Profit and Overhead				\$281.06
Total				\$3,091.65

See revised COR MC-007 R2.

Total Mandated Burden			
Basis	Description	Rate	Subtotal
\$ 2,333.64	Social Security	7.650%	\$178.52
\$ 2,333.64	State Unemployment Tax	3.7544%	\$87.61
\$ 2,333.64	Federal Unemployment Tax	1.200%	\$28.00
\$ 2,333.64	Worker's Compensation	\$11.25 /100	\$262.53
\$ 2,333.64	General Liability	\$7.24 /100	\$168.84
		Subtotal	\$725.51
		15% Profit and Overhead	\$108.83
		Total Mandated Burden	\$834.34

SUMMARY	
LABOR	\$9,207.00
SUBCONTRACTOR	\$0.00
MATERIALS	\$3,092.00
TOOLS AND EQUIPMENT	\$0.00
TOTAL MANDATED BURDEN	\$834.00
C.O.R. TOTAL	\$13,133.00


Justin Caspersen
Vice President

Justin Caspersen

From: Phil Geiser <pgeiser@binghamtonhardware.com>
Sent: Monday, October 3, 2022 8:35 AM
To: Justin Caspersen
Subject: RE: NLES DW for pricing

1" double wall spiral duct
-solid galvanized outer wall, 1" fiberglass, Perforated inner wall
-flanged transverse connection, factory sealed

28ea Loose Double wall rings

\$11,350.00+tax/delivered price

Ty

Philip Geiser
Binghamton Hardware and HVAC Supply
Cell 570-279-0985
pgeiser@binghamtonhardware.com

From: Justin Caspersen <justin@hoslercorp.com>
Sent: Monday, October 3, 2022 8:14 AM
To: Phil Geiser <pgeiser@binghamtonhardware.com>
Subject: NLES DW for pricing

Phil,

Can you please price this for me? I need to submit it for a change order for approval.

Solid galvanized outer, perf inner, 1" fiberglass.

Northern Lebanon Cafeteria
DW Spiral Straight

Qty	OD	Length	Type
6	14	40	DW Spiral Straight
3	14	60	DW Spiral Straight
1	16	40	DW Spiral Straight
3	16	60	DW Spiral Straight
1	18	120	DW Spiral Straight
2	20	60	DW Spiral Straight
1	20	120	DW Spiral Straight
1	22	60	DW Spiral Straight
1	22	80	DW Spiral Straight

1	24	30	DW Spiral Straight
1	24	48	DW Spiral Straight
9	24	60	DW Spiral Straight
2	24	70	DW Spiral Straight
1	24	80	DW Spiral Straight
1	26	39.875	DW Spiral Straight
16	26	60	DW Spiral Straight
1	26	63.375	DW Spiral Straight
2	26	84.125	DW Spiral Straight
1	26	127	DW Spiral Straight
5	28	60	DW Spiral Straight

DW Flanges

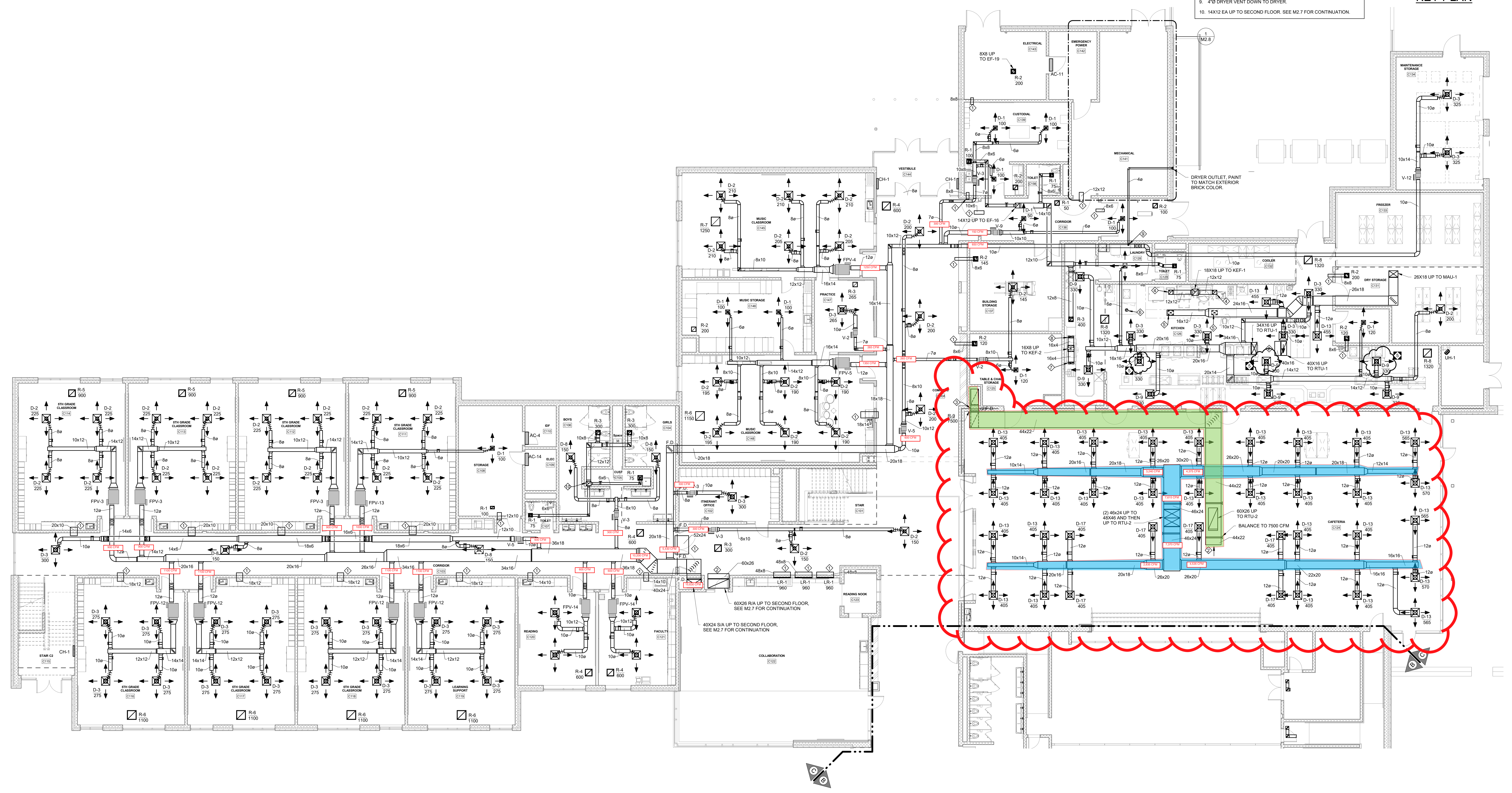
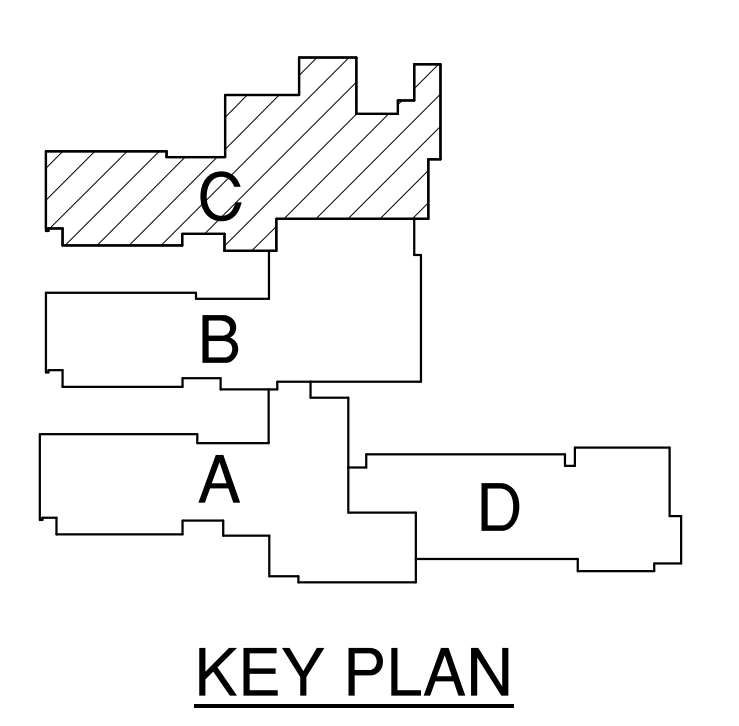
Qty	OD
2	28
11	26
7	24
2	22
3	20
1	18
2	16

Thank you,



Justin Caspersen
Hosler Corp. | Vice President
a: 906 N. Vine St. | Berwick, PA 18603
p: 570-759-2892 | c: 570-594-0237

- DRAWING NOTES:**
1. TERMINATE TRANSFER DUCT OPEN ENDED ABOVE CEILING.
 2. TERMINATE R/A DUCT OPEN ENDED ABOVE CEILING.
 3. DROP RETURN DUCT IN CHASE FOR LOW RETURN. MOUNT RETURN REGISTER AT 6" A.F.F.
 4. CONNECT 12X12 E/A TO HOOD PER MANUFACTURER'S GUIDELINES.
 5. CONNECT 16X12 S/A TO HOOD PER MANUFACTURER'S GUIDELINES.
 6. CONNECT 8"Ø EA TO OVEN VENTILATOR PER MANUFACTURER'S GUIDELINES. EXTEND 8" EA UP TO KEF-1 ON ROOF.
 7. CONNECT 4X16 E/A TO DISHWASHER PER MANUFACTURER'S GUIDELINES. BALANCE TO 200 CFM.
 8. CONNECT 4X16 E/A TO DISHWASHER PER MANUFACTURER'S GUIDELINES. BALANCE TO 400 CFM.
 9. 4"Ø DRYER VENT DOWN TO DRYER.
 10. 14X12 EA UP TO SECOND FLOOR. SEE M2.7 FOR CONTINUATION.



1 M2.3 FIRST FLOOR UNIT C HVAC
1/8" = 1'-0"

REVISIONS	NO.	DATE	DESCRIPTION OF CHANGES
	1	05-08-21	As Issued
	3	06-22-21	As Issued #3
	5	07-07-21	As Issued #5

MOORE
ENGINEERING

3637 Columbia Avenue
Lancaster, PA 17603
P: 717.285.3141
mooreengineering.com

CRABTREE ROHRBAUGH & ASSOCIATES - ARCHITECTS

401 EAST WINDING HILL ROAD
MECHANICSBURG PA 17055
717-458-0272 FAX 717-458-0047

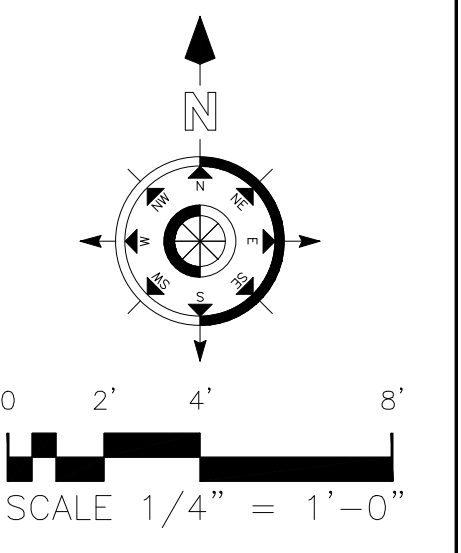
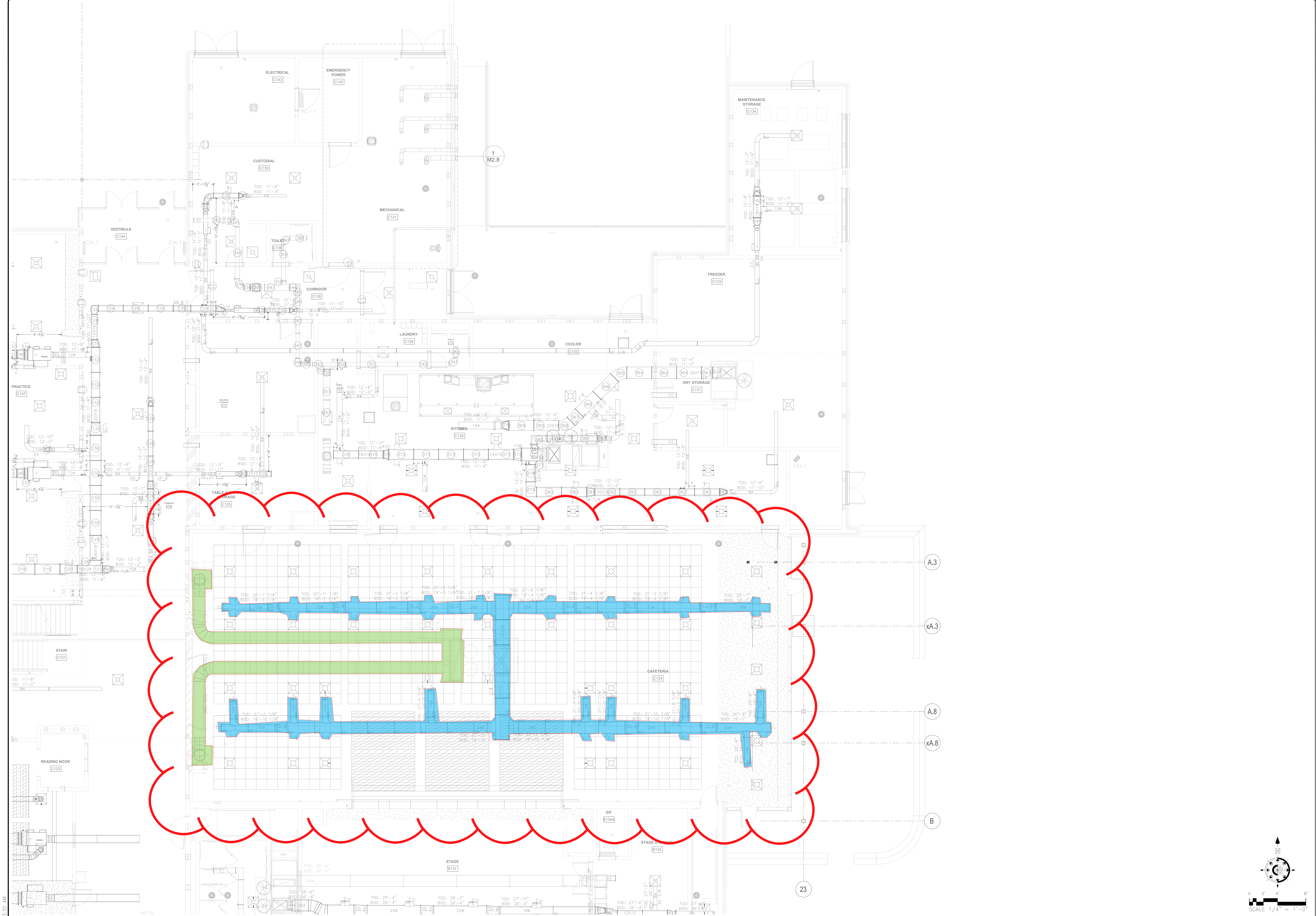
TOWSON, MARYLAND
CHARLOTTESVILLE, VIRGINIA
WHITE SULPHUR SPRINGS, WEST VIRGINIA

www.cra-architects.com

PROPOSED NEW
NORTHERN LEBANON ELEMENTARY SCHOOL
NORTHERN LEBANON SCHOOL DISTRICT
SCHOOL DRIVE & AIRPORT ROAD
BETHEL TOWNSHIP, LEBANON COUNTY, PENNSYLVANIA

FIRST FLOOR UNIT C - HVAC
PLOT SCALE: 1/8" = 1'-0"
FILENAME: 20195
DATE: JUNE 1, 2021

PROJECT 3446
M2.3



TRADE	COMPANY	DATE	SIGNATURE
HVAC			
PLUMBING			
MEDIA PIPE			
FIRE SPRINK			
ELECTRICIAN			
GENERAL			

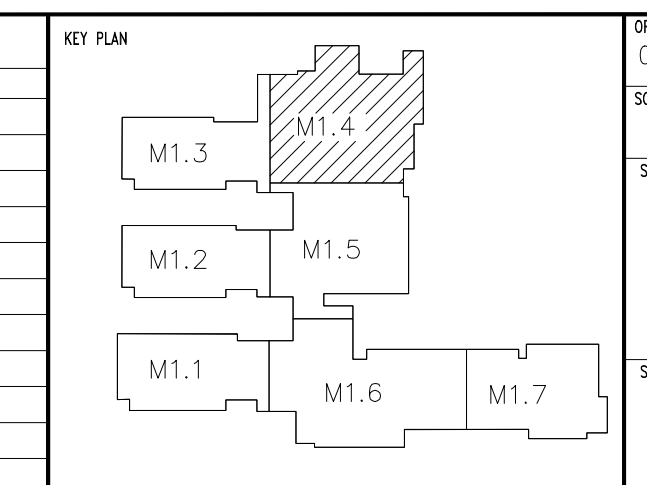
LAYOUT BASED ON	
PROJECT DRAWING	RELEASE
ARCHITECTURAL	
STRUCTURAL	
MECHANICAL	
PLUMBING	

THE DRAWINGS REFERENCED ABOVE WERE USED AS A BASIS FOR THIS LAYOUT.

HOSLER CORP.
 906 N. VINE ST.
 BERWICK, PA 18603

NORTHERN LEBANON SCHOOL DISTRICT
ELEMENTARY SCHOOL
 243 AIRPORT ROAD
 FREDERICKSBURG, PA 17026

REVISIONS	
NO.	DATE



ISSUE DATE: 07/26/22
 SCALE: 3/16" = 1'-0"
C AREA EAST
 SHEET NO: **M1.4**