

Building Data Summary	
Project ID:	Addition & Renovation York Township Elementary School
Location:	2500 South Queen Street York,PA 17402
Scope of Work:	Piping, length and fittings
Date:	

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage	Unit Material Cost	Total Material Cost	Unit Manhour	Hourly Wage	Unit Labor Cost	Total Labor Cost	Sub Cost	Total Trade Cost		
DIVISION.01 GENERAL REQUIREMENTS																
1		Supervision and Coordination	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -	\$ 5,500.00			
2		Submittals and Shop drawings	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -				
3		Final Cleaning	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -				
4		Mobilization Costs	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -				
5		Temporary Control & Facilities	LS	1	0%	1	\$ -	\$ -	0.000	\$ -	\$ -	\$ -				
		Subtotal (General Requirements)												\$ 5,500		
DIVISION 23- HVAC/Mechanical																
		Pipes														
6		1" Hot Water Return	LF	1090	5%	1145	\$ -	\$ -	0.200	\$ 30.00	\$ 6.00	\$ 6,867.00	\$ 6,867.00			
7		1" Hot Water Supply	LF	1090	5%	1145	\$ -	\$ -	0.200	\$ 30.00	\$ 6.00	\$ 6,867.00	\$ 6,867.00			
8		2" Chilled Hot Water Return	LF	50	5%	53	\$ -	\$ -	0.300	\$ 30.00	\$ 9.00	\$ 472.50	\$ 472.50			
9		2" Chilled Hot Water Supply	LF	50	5%	53	\$ -	\$ -	0.300	\$ 30.00	\$ 9.00	\$ 472.50	\$ 472.50			
10		2" Hot Water Return	LF	660	5%	693	\$ -	\$ -	0.300	\$ 30.00	\$ 9.00	\$ 6,237.00	\$ 6,237.00			
11		2" Hot Water Supply	LF	660	5%	693	\$ -	\$ -	0.300	\$ 30.00	\$ 9.00	\$ 6,237.00	\$ 6,237.00			
12		3" Chilled Hot Water Return	LF	250	5%	263	\$ -	\$ -	0.350	\$ 30.00	\$ 10.50	\$ 2,756.25	\$ 2,756.25			
13		3" Chilled Hot Water Supply	LF	250	5%	263	\$ -	\$ -	0.350	\$ 30.00	\$ 10.50	\$ 2,756.25	\$ 2,756.25			
14		3" Hot Water Return	LF	90	5%	95	\$ -	\$ -	0.350	\$ 30.00	\$ 10.50	\$ 992.25	\$ 992.25			
15		3" Hot Water Supply	LF	90	5%	95	\$ -	\$ -	0.350	\$ 30.00	\$ 10.50	\$ 992.25	\$ 992.25			
16		4" Chilled Hot Water Return	LF	345	5%	362	\$ -	\$ -	0.450	\$ 30.00	\$ 13.50	\$ 4,890.38	\$ 4,890.38			
17		4" Chilled Hot Water Supply	LF	345	5%	362	\$ -	\$ -	0.450	\$ 30.00	\$ 13.50	\$ 4,890.38	\$ 4,890.38			
18		4" Hot Water Return	LF	350	5%	368	\$ -	\$ -	0.450	\$ 30.00	\$ 13.50	\$ 4,961.25	\$ 4,961.25			
19		4" Hot Water Supply	LF	350	5%	368	\$ -	\$ -	0.450	\$ 30.00	\$ 13.50	\$ 4,961.25	\$ 4,961.25			
20		6" Chilled Hot Water Return	LF	340	5%	357	\$ -	\$ -	0.750	\$ 30.00	\$ 22.50	\$ 8,032.50	\$ 8,032.50			
21		6" Chilled Hot Water Supply	LF	340	5%	357	\$ -	\$ -	0.750	\$ 30.00	\$ 22.50	\$ 8,032.50	\$ 8,032.50			
22		6" Hot Water Return	LF	180	5%	189	\$ -	\$ -	0.750	\$ 30.00	\$ 22.50	\$ 4,252.50	\$ 4,252.50			
23		6" Hot Water Supply	LF	180	5%	189	\$ -	\$ -	0.750	\$ 30.00	\$ 22.50	\$ 4,252.50	\$ 4,252.50			
24		1 1/4" Hot Water Return	LF	290	5%	305	\$ -	\$ -	0.210	\$ 30.00	\$ 6.30	\$ 1,918.35	\$ 1,918.35			
25		1 1/4" Hot Water Supply	LF	290	5%	305	\$ -	\$ -	0.210	\$ 30.00	\$ 6.30	\$ 1,918.35	\$ 1,918.35			
26		1 1/2" Hot Water Return	LF	265	5%	278	\$ -	\$ -	0.220	\$ 30.00	\$ 6.60	\$ 1,836.45	\$ 1,836.45			
27		1 1/2" Hot Water Supply	LF	265	5%	278	\$ -	\$ -	0.220	\$ 30.00	\$ 6.60	\$ 1,836.45	\$ 1,836.45			
28		2 1/2" Hot Water Return	LF	445	5%	467	\$ -	\$ -	0.320	\$ 30.00	\$ 9.60	\$ 4,485.60	\$ 4,485.60			
29		2 1/2" Hot Water Supply	LF	445	5%	467	\$ -	\$ -	0.320	\$ 30.00	\$ 9.60	\$ 4,485.60	\$ 4,485.60			
30		2 1/2" Chilled Hot Water Return	LF	530	5%	557	\$ -	\$ -	0.320	\$ 30.00	\$ 9.60	\$ 5,342.40	\$ 5,342.40			
31		2 1/2" Chilled Hot Water Supply	LF	530	5%	557	\$ -	\$ -	0.320	\$ 30.00	\$ 9.60	\$ 5,342.40	\$ 5,342.40			
32		3/4" Condensate Drain	LF	80	5%	84	\$ -	\$ -	0.120	\$ 30.00	\$ 3.60	\$ 302.40	\$ 302.40			
33		3/4" Hot Water Return	LF	1525	5%	1601	\$ -	\$ -	0.180	\$ 30.00	\$ 5.40	\$ 8,646.75	\$ 8,646.75			
34		3/4" Hot Water Supply	LF	1525	5%	1601	\$ -	\$ -	0.180	\$ 30.00	\$ 5.40	\$ 8,646.75	\$ 8,646.75			
35		3/4" Refrigerant Pipe	LF	100	5%	105	\$ -	\$ -	0.150	\$ 30.00	\$ 4.50	\$ 472.50	\$ 472.50			
			Connections													
36			2 1/2" Ball Valve	EA	6	0%	6	\$ -	\$ -	0.800	\$ 30.00	\$ 24.00	\$ 144.00		\$ 144.00	
37			2" Ball Valve	EA	6	0%	6	\$ -	\$ -	0.600	\$ 30.00	\$ 18.00	\$ 108.00		\$ 108.00	
38			4" Ball Valve	EA	14	0%	14	\$ -	\$ -	1.500	\$ 30.00	\$ 45.00	\$ 630.00		\$ 630.00	
39			6" Ball Valve	EA	42	0%	42	\$ -	\$ -	2.000	\$ 30.00	\$ 60.00	\$ 2,520.00		\$ 2,520.00	
40		1 1/4" Ball Valve	EA	2	0%	2	\$ -	\$ -	0.350	\$ 30.00	\$ 10.50	\$ 21.00	\$ 21.00			
41		1 1/2" Ball Valve	EA	2	0%	2	\$ -	\$ -	0.400	\$ 30.00	\$ 12.00	\$ 24.00	\$ 24.00			
42		1" Ball Valve	EA	2	0%	2	\$ -	\$ -	0.300	\$ 30.00	\$ 9.00	\$ 18.00	\$ 18.00			
43		3" Ball Valve	EA	5	0%	5	\$ -	\$ -	1.000	\$ 30.00	\$ 30.00	\$ 150.00	\$ 150.00			
44		6" To 3/4" Tee	EA	2	0%	2	\$ -	\$ -	1.600	\$ 30.00	\$ 48.00	\$ 96.00	\$ 96.00			
45		1" Tee	EA	2	0%	2	\$ -	\$ -	0.300	\$ 30.00	\$ 9.00	\$ 18.00	\$ 18.00			
46		3/4" 90 D Elbow	EA	208	0%	208	\$ -	\$ -	0.150	\$ 30.00	\$ 4.50	\$ 936.00	\$ 936.00			
47		3/4" To 1" Tee	EA	4	0%	4	\$ -	\$ -	0.250	\$ 30.00	\$ 7.50	\$ 30.00	\$ 30.00			

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48		3/4" To 1-1/2" Tee	EA	4	0%	4	\$ -	\$ -	0.350	\$ 30.00	\$ 10.50	\$ 42.00	\$ 42.00	
49		1" 90 D Elbow	EA	115	0%	115	\$ -	\$ -	0.200	\$ 30.00	\$ 6.00	\$ 690.00	\$ 690.00	
50		1 1/2" 90 D Elbow	EA	18	0%	18	\$ -	\$ -	0.350	\$ 30.00	\$ 10.50	\$ 189.00	\$ 189.00	
51		2" 90D Elbow	EA	55	0%	55	\$ -	\$ -	0.450	\$ 30.00	\$ 13.50	\$ 742.50	\$ 742.50	
52		1 1/4 " 90D Elbow	EA	16	0%	16	\$ -	\$ -	0.300	\$ 30.00	\$ 9.00	\$ 144.00	\$ 144.00	
53		2 1/2 " 90D Elbow	EA	50	0%	50	\$ -	\$ -	0.600	\$ 30.00	\$ 18.00	\$ 900.00	\$ 900.00	
54		3" 90D Elbow	EA	15	0%	15	\$ -	\$ -	0.750	\$ 30.00	\$ 22.50	\$ 337.50	\$ 337.50	
55		4" 90D Elbow	EA	26	0%	26	\$ -	\$ -	1.100	\$ 30.00	\$ 33.00	\$ 858.00	\$ 858.00	
56		6" 90D Elbow	EA	52	0%	52	\$ -	\$ -	1.600	\$ 30.00	\$ 48.00	\$ 2,496.00	\$ 2,496.00	
		Subtotal (Hvac)						\$ -				\$ 135,251		\$ 135,251

												PROJECTED COST	\$	140,751
												INSURANCE	3%	\$ 4,223
												CONTINGENCY	5%	\$ 7,038
												OVERHEAD AND PROFIT	15%	\$ 21,113
												TAX	0.00%	\$ -
												SUGGESTED BID	\$	173,124

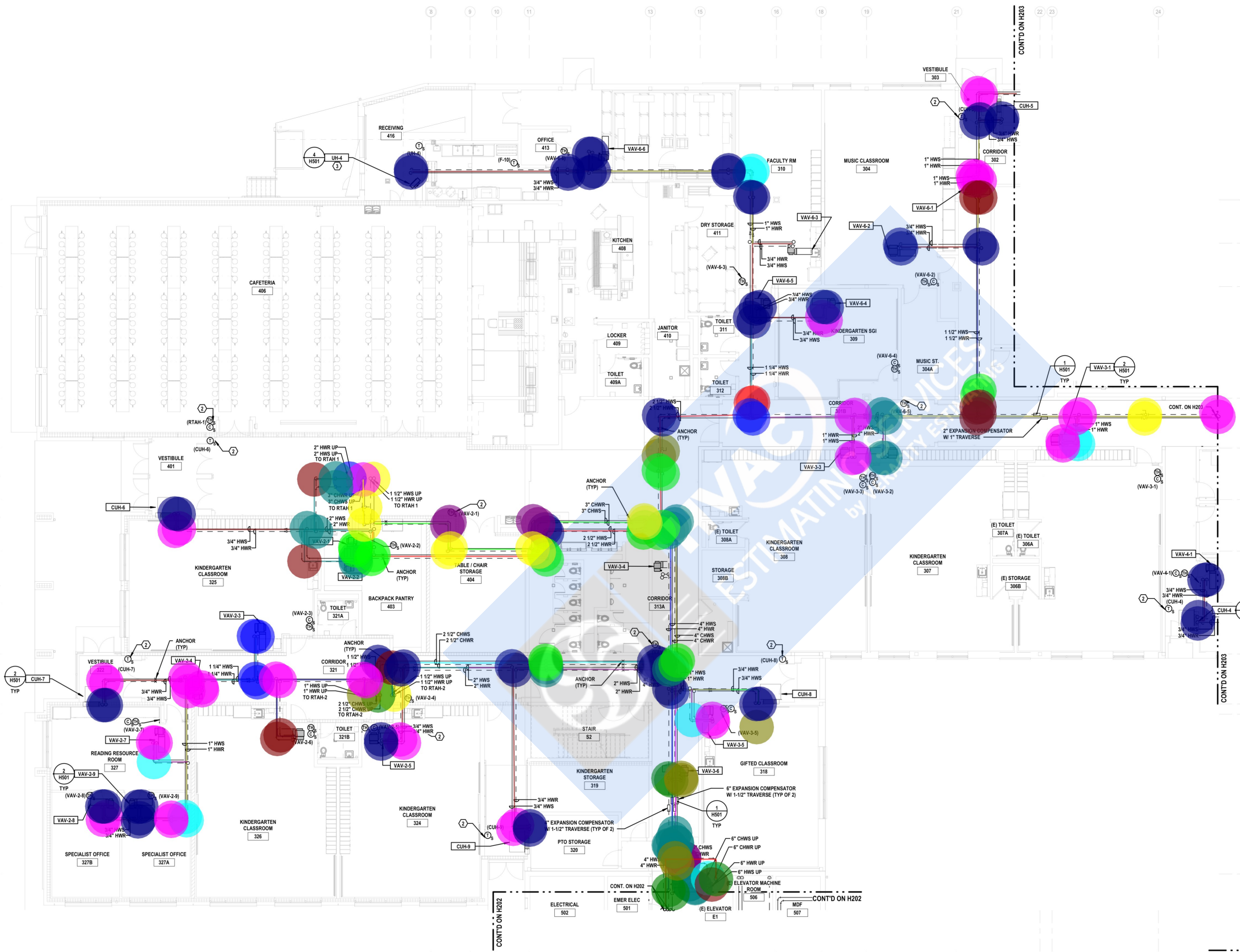
Note:

- 1.Please verify the equipment's and their prices with owner.
- 2.Online sources are used for pricing.
- 3.Prices can vary depending upon field conditions.



NOTES

1" HWS,HWR	192.9 FT
1 1/2" HWS,HWR	65.3 FT
2" HWS,HWR	71.0 FT
1 1/4" HWS,HWR	43.9 FT
2 1/2" HWS,HWR	105.5 FT
3" CHWS,CHWS	62.9 FT
4" HWS,HWR	65.6 FT
6" CHWS,CHWR	36.0 FT
2 1/2" CHWS,CHWR	64.1 FT
4" CHWS,CHWR	32.8 FT
3/4" HWS,HWR	225.1 FT
2 1/2" Ball Valve	2.0 EA
2" Ball Valve	4.0 EA
4" Ball Valve	4.0 EA
6" Ball Valve	16.0 EA
1 1/4" Ball Valve	2.0 EA
1 1/2" Ball Valve	2.0 EA
1" Ball Valve	2.0 EA
3/4" 90 D Elbow	14.0 EA
1" 90 D Elbow	6.0 EA
1 1/2" 90 D Elbow	2.0 EA
2 1/2" D Elbow	6.0 EA
3" D Elbow	4.0 EA
4" D Elbow	4.0 EA
1 1/2" HWS, HWR UP	2.0 EA
2" HWS, HWR UP	1.0 EA
3" CHWS, CHWR UP	1.0 EA
6" CHWS, CHWR UP	1.0 EA
6" HWS, HWR UP	1.0 EA
2 1/2" CHWS, CHWR UP	1.0 EA
1" HWS,HWR UP	1.0 EA
1"hws	24.9 FT
2"hws	66.8 FT
6"chws	22.7 FT
3/4"hwr	8.1 FT
1 1/4" HWS, HWR UP	0.0 EA
3"c hwr	9.1 FT
1"90	2.0 EA
2"90d	3.0 EA
690d	1.0 EA
3/4"	1.0 EA
3/4" HWS,HWR DOWN	52.0 EA
2" HWS,HWR	10.0 EA
2 1/2" HWS,HWR	16.0 EA
3" CHWS,CHWR	8.0 EA
1 1/4" HWS,HWR	6.0 EA
1" HWS,HWR	29.0 EA
1 1/2" HWS,HWR	6.0 EA
4" HWS,HWR	4.0 EA
6" CHWS,CHWR	4.0 EA



FIRST FLOOR PLAN — PIPING — AREA A
SCALE: 1/8" = 1'-0"

KEYPLAN — AREA A

Barton Associates
CONSULTING ENGINEERS
221 West Philadelphia Street
Vill, PA 19101
(717) 845-1624
www.barton-engineers.com



PROJECT NO: 2024188.00
DATE: 8/21/25
COMMISSION NO: 2023068
VOLUME 2
ADDITIONS & RENOVATIONS
DRAWING NO: H201

SCALE: AS NOTED
DRAWN BY: KEM
COORDINATED BY:
CHECKED BY:
APPROVED BY:

NOTES

- 1 UNLESS NOTED OTHERWISE, HOT WATER PIPING RUN OUTS TO INDIVIDUAL UNITS SHALL BE 3/4".
- 2 PROVIDE SENSOR MANUFACTURER'S ACCESSORY LOCKING GUARD COVER.
- 3 INSTALL UNIT AT 7'-6" ABOVE FINISHED FLOOR. PROVIDE CONDENSATE DRAINAGE PUMP DIRECTLY BELOW UNIT. EXTEND 3/4" CONDENSATE DRAINAGE PIPING FROM UNIT'S CONDENSATE DRAINAGE CONNECTION AND EXTEND CONDENSATE DRAINAGE FROM PUMP AS SHOWN ON DRAWING.
- 4 SIZE, TRAP, AND INSTALL REFRIGERANT PIPING PER MANUFACTURER'S REQUIREMENTS.
- 5 INSTALL UNIT AT 8'-0" ABOVE FINISHED FLOOR.
- 6 SPILL 3/4" CONDENSATE DRAINAGE TO GRADE AT 1'-0" ABOVE FINISHED GRADE. TERMINATE WITH AN ELBOW TURNED DOWN AND SPILL TO SPLASH BLOCK. SEAL PIPE PENETRATION OF EXTERIOR WALL WITH CLEAR SILICONE CAULK.

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CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE BEFORE PROCEEDING WITH THE WORK

BID SET

rlps ARCHITECTS

RLPS ARCHITECTS, LLP
250 VALLEYBROOK DRIVE
LANCASTER, PA 17601
PHONE: 717-560-9501
www.rlps.com

PROJECT NAME:
ADDITIONS AND RENOVATIONS FOR YORK TOWNSHIP ELEMENTARY SCHOOL

PROJECT ADDRESS:
2500 SOUTH QUEEN STREET, YORK, PA 17402

REVISIONS		
NO.	DATE	DESCRIPTION

DRAWING TITLE:
FIRST FLOOR PLAN - AREA B - PIPING

SCALE: AS NOTED

DRAWN BY: **KEM**

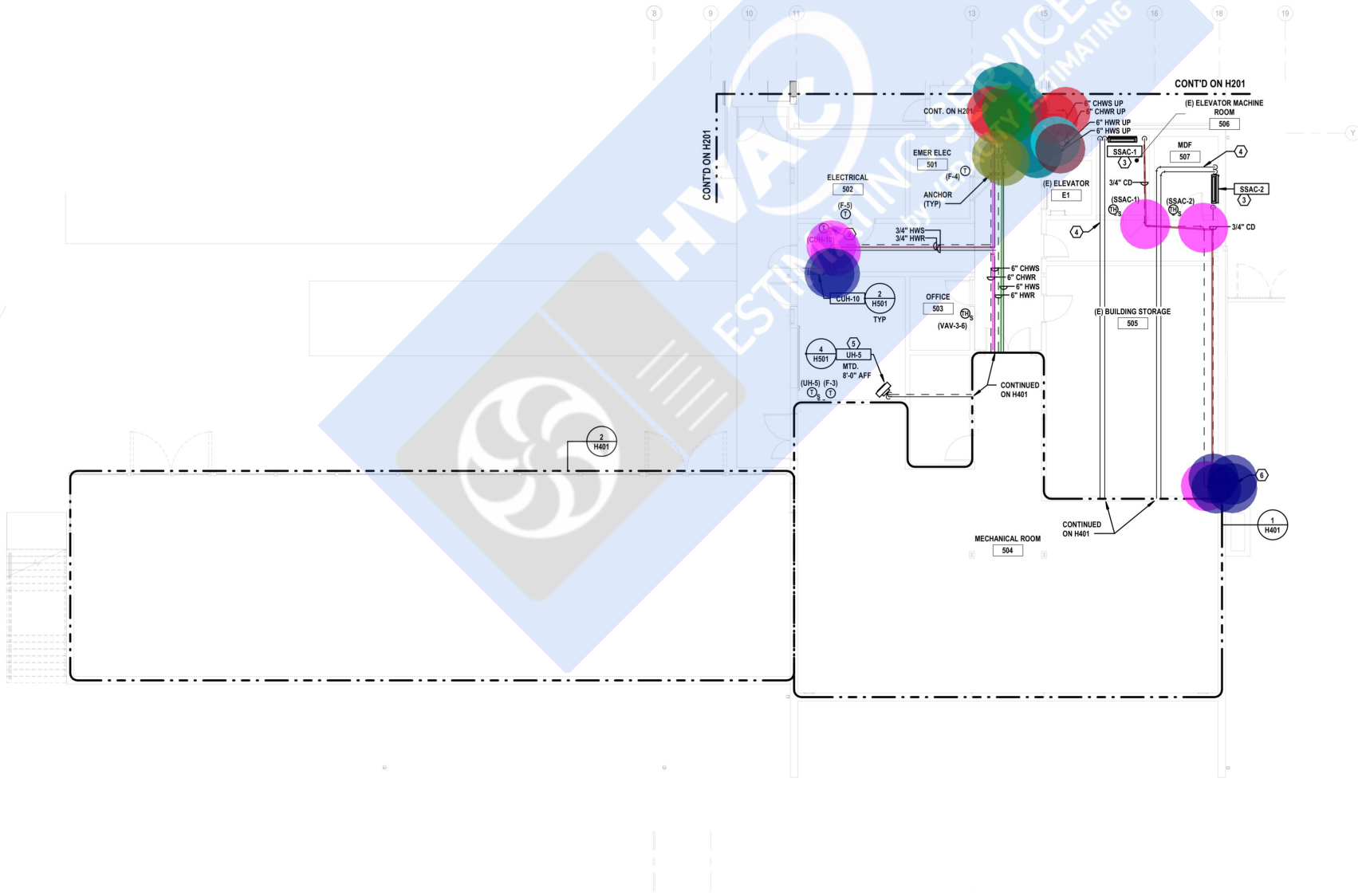
COORDINATED BY:

CHECKED BY:

APPROVED BY:

VOLUME 2
ADDITIONS & RENOVATIONS
DRAWING NO:
H202
COMMISSION NO: 2023068
DATE: 8/21/25

	3/4" CD	56.5 FT	
	6" CHWS, CHWR	43.7 FT	
	6" HWS, HWR	34.3 FT	
	3/4" HWS, HWR	24.5 FT	
	6" Ball Valve	14.0 EA	
	3/4" 90 D Elbow	5.0 EA	
	6" D Elbow	4.0 EA	
	6" CHWS, CHWR UP	1.0 EA	
	6" HWS, HWR UP	1.0 EA	
	4" HWS, HWR	2.0 EA	
	6" CHWS, CHWR	2.0 EA	
	3/4" HWS, HWR DOWN	6.0 EA	



FIRST FLOOR PLAN — PIPING — AREA B

SCALE: 1/8" = 1'-0"

KEYPLAN — AREA B

NO SCALE

Barton Associates
CONSULTING ENGINEERS
Susquehanna Commerce Center
North Building
221 West Philadelphia Street
York, PA 17401
(717) 845-1824
www.bartonco.com

PROJECT NO: 2024188.00
DESIGNED BY: KEM
CHECKED BY: MCT
DATE: 8/21/25



COMMISSIONED BY: DCS

NOTES

- UNLESS NOTED OTHERWISE, HOT WATER PIPING RUN OUTS TO INDIVIDUAL UNITS SHALL BE 3/4".
- PROVIDE SENSOR MANUFACTURER'S ACCESSORY LOCKING GUARD COVER.
- ROUTE PIPING CONCEALED IN WALL TO WALL ENCLOSURE, ROUTE RETURN PIPE BELOW BASEBOARD.
- INSTALL UNIT AT 8'-0" ABOVE FINISHED FLOOR.
- MOUNT CABINET UNIT HEATER ON UNDERSIDE OF STAIRS.

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CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE BEFORE PROCEEDING WITH THE WORK

BID SET

rlps
ARCHITECTS

RLPS ARCHITECTS, LLP
250 VALLEYBROOK DRIVE
LANCASTER, PA 17601

PHONE: 717-560-9501
www.rlps.com

PROJECT NAME:
ADDITIONS AND RENOVATIONS FOR YORK TOWNSHIP ELEMENTARY SCHOOL

PROJECT ADDRESS:
2500 SOUTH QUEEN STREET, YORK, PA 17402

REVISIONS		
NO.	DATE	DESCRIPTION

DRAWING TITLE:
FIRST FLOOR PLAN - AREA C - PIPING

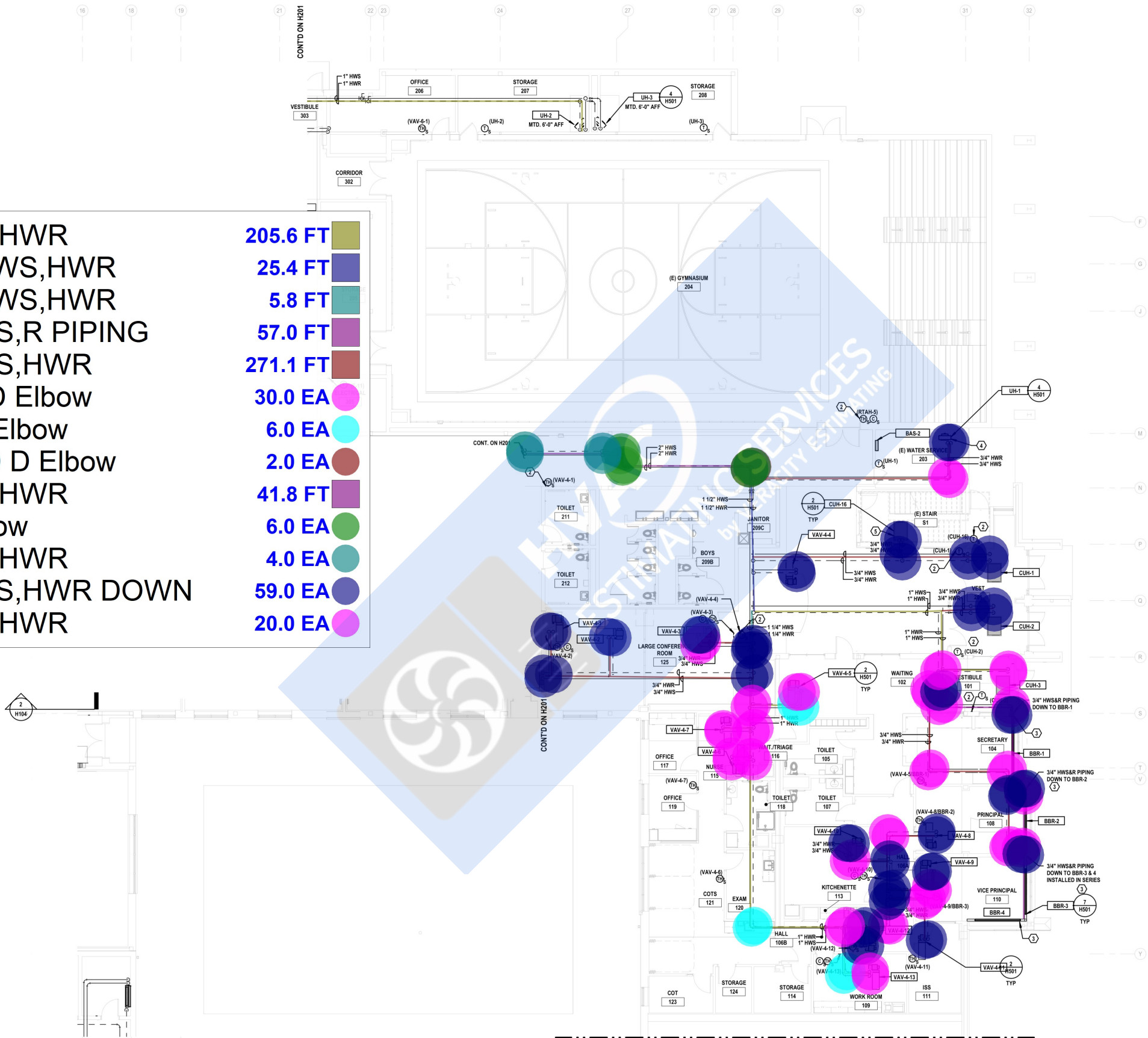
SCALE: AS NOTED
DRAWN BY: KEM
COORDINATED BY:
CHECKED BY:
APPROVED BY:

VOLUME 2
ADDITIONS & RENOVATIONS

DRAWING NO:
H203

COMMISSION NO: 2023068
DATE: 8/21/25

1" HWS,HWR	205.6 FT
1 1/2" HWS,HWR	25.4 FT
1 1/4" HWS,HWR	5.8 FT
3/4" HWS,R PIPING	57.0 FT
3/4" HWS,HWR	271.1 FT
3/4" 90 D Elbow	30.0 EA
1" 90 D Elbow	6.0 EA
1 1/2" 90 D Elbow	2.0 EA
2" HWS,HWR	41.8 FT
2" D Elbow	6.0 EA
2" HWS,HWR	4.0 EA
3/4" HWS,HWR DOWN	59.0 EA
1" HWS,HWR	20.0 EA



FIRST FLOOR PLAN — PIPING — AREA C
SCALE: 1/8" = 1'-0"

KEYPLAN — AREA C

Barton Associates
CONSULTING ENGINEERS

221 West Philadelphia Street
York, PA 17401

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An Employee Owned Company — We Make Buildings Work

PROJECT NO: 2024188.00
DESIGNED BY: KEM
CHECKED BY: MCT
DATE: 8/21/25



NOTES

1 UNLESS NOTED OTHERWISE, HOT WATER PIPING RUN OUTS TO INDIVIDUAL UNITS SHALL BE 3/4".

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1" HWS,HWR	73.8 FT
1 1/4" HWS,HWR	25.7 FT
4" HWS,HWR	213.5 FT
4" CHWS,CHWR	182.1 FT
6" CHWS,CHWR	32.5 FT
2 1/2" HWS,HWR	173.5 FT
3" CHWR,CHWS	98.9 FT
2 1/2" CHWS,CH...	145.3 FT
2" HWS,HWR	76.7 FT
3/4" HWS,HWR	47.4 FT
2" Ball Valve	2.0 EA
3" Ball Valve	4.0 EA
6" Ball Valve	8.0 EA
4" Ball Valve	10.0 EA
3/4" 90 D Elbow	2.0 EA
1" 90 D Elbow	6.0 EA
2" D Elbow	4.0 EA
1 1/4" D Elbow	3.0 EA
2 1/2" D Elbow	12.0 EA
4" D Elbow	11.0 EA
6" D Elbow	2.0 EA
1" HWS,HWR UP	3.0 EA
2" CHWS, CHWR UP	3.0 EA
1 1/4" HWS, HWR ...	3.0 EA
2" HWS, HWR UP	2.0 EA
3" CHWS, CHWR UP	1.0 EA
2 1/2" CHWS, CHW...	2.0 EA
1 1/2" HWS, HWR UP	1.0 EA
2"hws	61.4 FT
1"hws	9.1 FT
2-1/2"chws	33.2 FT
3"c hwr	7.2 FT
3/4cd	22.8 FT
3/4"hwr	22.4 FT
1"90	1.0 EA
2"90d	1.0 EA
3/4"	2.0 EA
1" HWS,HWR	4.0 EA
2" HWS,HWR	10.0 EA
2 1/2" HWS,HWR	2.0 EA
3/4" HWS,HWR D...	11.0 EA

KEYPLAN - AREA D

NO SCALE



SECOND FLOOR PLAN - PIPING - AREA D

SCALE: 1/8" = 1'-0"

1

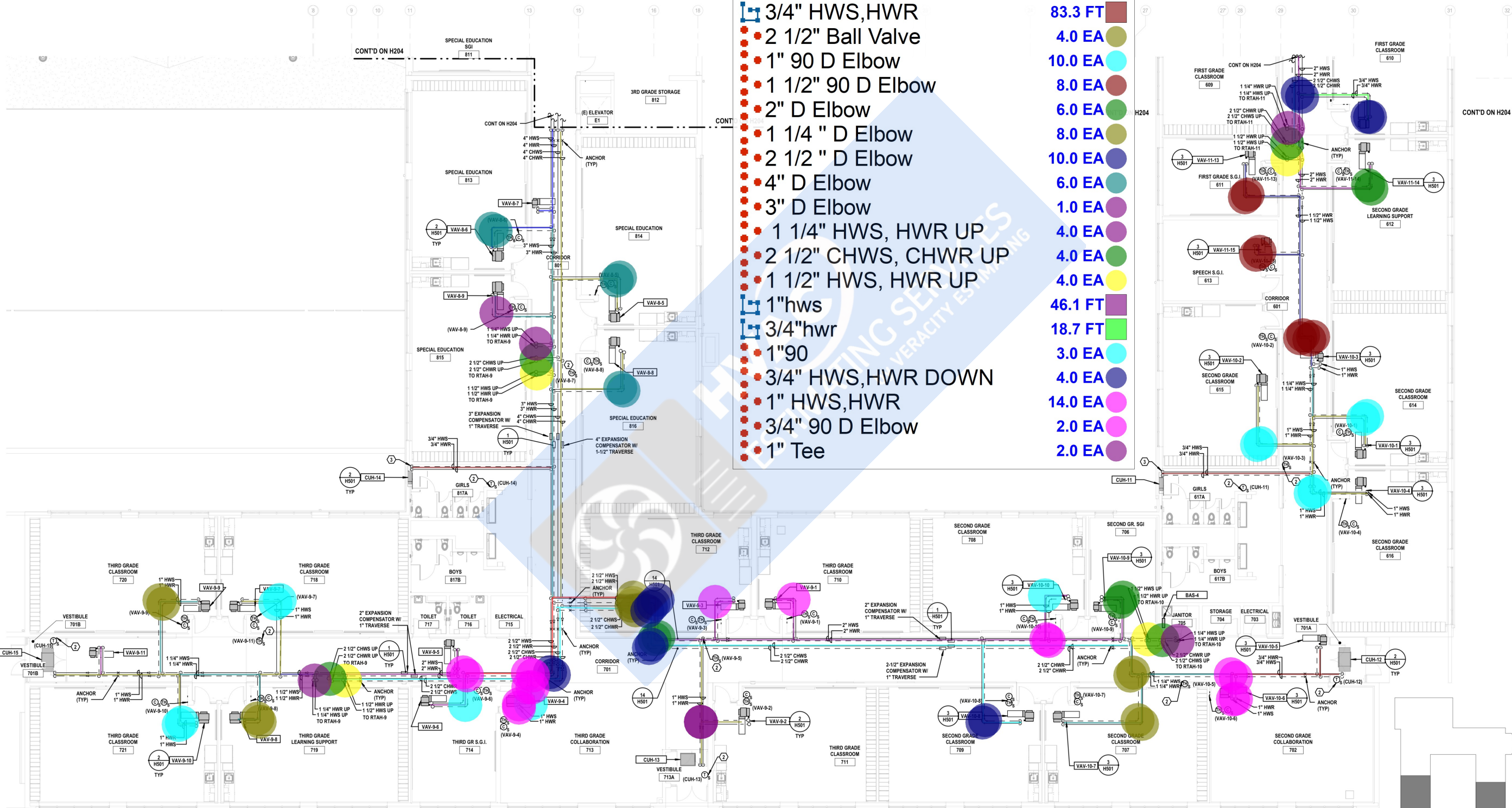
SECOND GRADE
LEARNING SUPPORT
812

Barton Associates
CONSULTING ENGINEERS
Sousaphone Commerce Center
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221 West Philadelphia Street
York, PA 17401
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An Employee Owned Company - We Make Buildings Work
PROJECT NO. 2024188.00
CLIENT KEM
DESIGNED BY MCT
CHECKED BY DCS
DATE 8/21/25



DRAWN BY: KEM
COORDINATED BY:
CHECKED BY:
APPROVED BY:
VOLUME 2
ADDITIONS & RENOVATIONS
DRAWING NO. H204
COMMISSION NO. 2023068
DATE 8/21/25



- 4" HWS,HWR
- 4" CHWS,CHWR
- 3" HWS,HWR
- 2 1/2" HWS,HWR
- 2 1/2" CHWS,CHWR
- 2" HWS,HWR
- 1" HWS,HWR
- 1 1/4" HWS,HWR
- 1 1/2" HWS,HWR
- 3/4" HWS,HWR
- 2 1/2" Ball Valve
- 1" 90 D Elbow
- 1 1/2" 90 D Elbow
- 2" D Elbow
- 1 1/4" D Elbow
- 2 1/2" D Elbow
- 4" D Elbow
- 3" D Elbow
- 1 1/4" HWS, HWR UP
- 2 1/2" CHWS, CHWR UP
- 1 1/2" HWS, HWR UP
- 1" hws
- 3/4" hwr
- 1" 90
- 3/4" HWS,HWR DOWN
- 1" HWS,HWR
- 3/4" 90 D Elbow
- 1" Tee

- 38.0 FT
- 129.8 FT
- 88.2 FT
- 59.4 FT
- 212.2 FT
- 205.4 FT
- 159.6 FT
- 110.9 FT
- 69.6 FT
- 83.3 FT
- 4.0 EA
- 10.0 EA
- 8.0 EA
- 6.0 EA
- 10.0 EA
- 6.0 EA
- 1.0 EA
- 4.0 EA
- 4.0 EA
- 4.0 EA
- 46.1 FT
- 18.7 FT
- 3.0 EA
- 4.0 EA
- 14.0 EA
- 2.0 EA
- 2.0 EA

NOTES

- 1 UNLESS NOTED OTHERWISE, HOT WATER PIPING RUN OUTS TO INDIVIDUAL UNITS SHALL BE 3/4".
- 2 PROVIDE SENSOR MANUFACTURER'S ACCESSORY LOCKING GUARD COVER.
- 3 INSTALL HOT WATER PIPING DROPS CONCEALED IN THE WALL ON THE BUILDING SIDE OF WALL INSULATION.

BID SET



RLPS ARCHITECTS, LLP
250 VALLEYBROOK DRIVE
LANCASTER, PA 17601
PHONE: 717-560-9501
www.rlp.com

PROJECT NAME:
ADDITIONS AND RENOVATIONS
FOR
YORK TOWNSHIP
ELEMENTARY SCHOOL

PROJECT ADDRESS:
2500 SOUTH QUEEN STREET,
YORK, PA 17402

REVISIONS		
NO.	DATE	DESCRIPTION

DRAWING TITLE:
SECOND FLOOR
PLAN - AREA E -
PIPING

SCALE: AS NOTED
DRAWN BY: KEM
COORDINATED BY:
CHECKED BY:
APPROVED BY:
VOLUME 2
ADDITIONS AND RENOVATIONS
DRAWING NO:
H205
COMMISSION NO: 2023068
DATE: 8/21/25

SECOND FLOOR PLAN - PIPING - AREA E
SCALE: 1/8" = 1'-0"

KEYPLAN - AREA E

Barton Associates
CONSULTING ENGINEERS
221 West Philadelphia Street
York, PA 17402
(717) 845-7824
www.bartonassoc.com
An Employee Owned Company - We Make Buildings Work

- 1 SIZE, TRAP, AND INSTALL REFRIGERANT PIPING PER MANUFACTURER'S REQUIREMENTS.
- 2 INSTALL UNIT LEVEL ON 4" CONCRETE PAD.
- 3 INSTALL UNIT AT 8'-0" ABOVE FINISHED FLOOR.
- 4 EXTEND 6/4 DUCT TO CRAWLSPACE WITH AN OPEN ENDED DUCT. INSTALL HUMIDITY SENSOR IN CRAWLSPACE FOR CONTROL OF ASSOCIATED EXHAUST FAN.
- 5 PROVIDE MANUFACTURER REQUIRED BRICK VENT.

CONTRACTOR SHALL VERIFY
ALL DIMENSIONS AND
CONDITIONS AT THE SITE
BEFORE PROCEEDING WITH
THE WORK



PROJECT NAME:
**ADDITIONS AND
RENOVATIONS
FOR
YORK
TOWNSHIP
ELEMENTARY
SCHOOL**

REVISIONS		
NO.	DATE	DESCRIPTION

[illegible]

SCALE: AS NOTED

DRAWN BY: _____ KE
COORDINATED BY: _____
CHECKED BY: _____
APPROVED BY: _____

VOLUME 2

ADDITIONS & RENOVATIONS

DRAWING NO:
H401

COMMISSION NO:	202306
DATE:	8/21/2

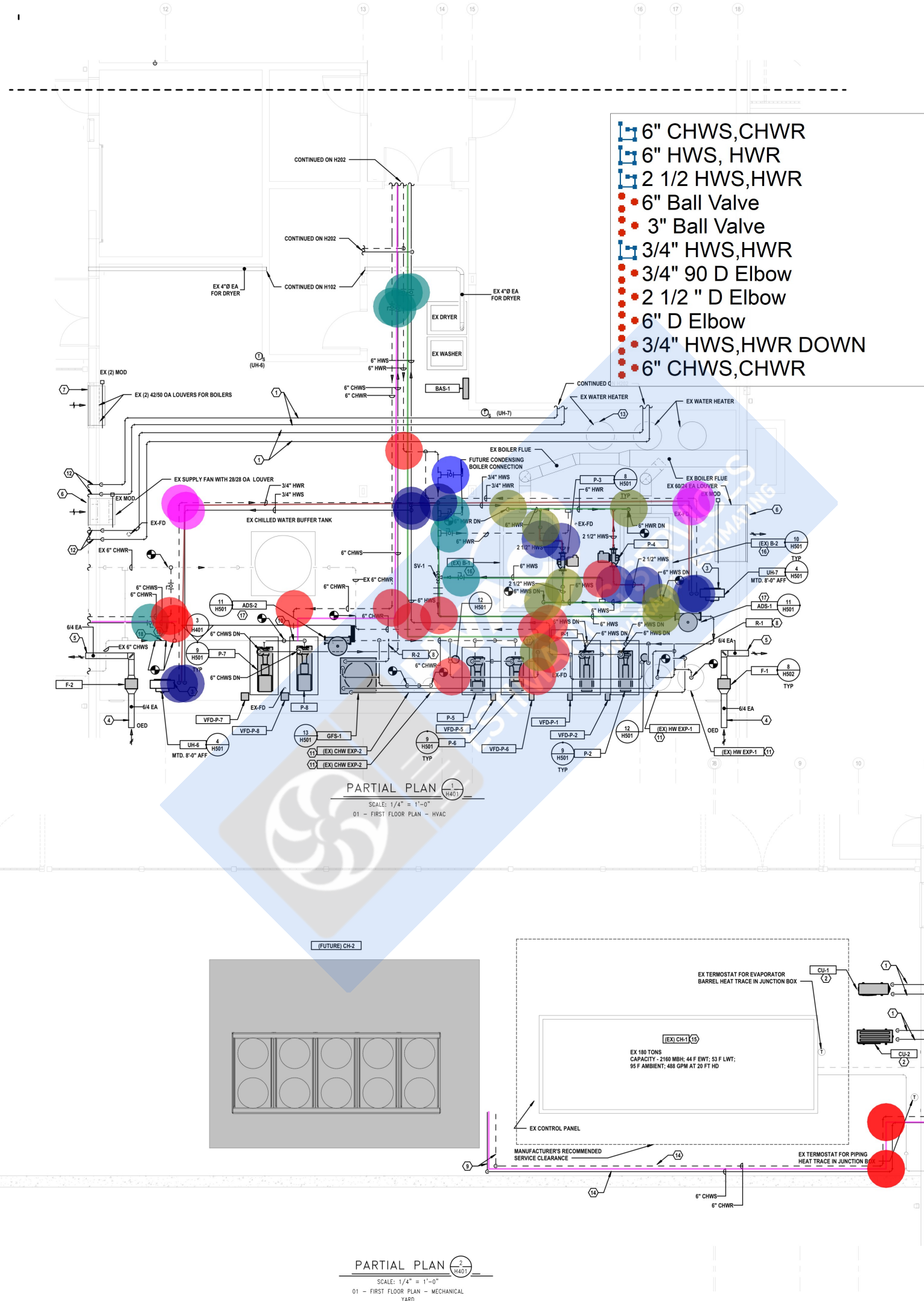
CONSULTING ENGINEERS
Susquehanna Commerce Center (717) 845-7655
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Pennsylvania | North Carolina | Maryland

PROJECT No.	DRAWN BY:	DESIGNED BY:
2024188.00	KEM	MCT

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PARTIAL PLAN 2
H401

SCALE: 1/4" = 1'-0"

01 - FIRST FLOOR PLAN - MECHANICAL YARD