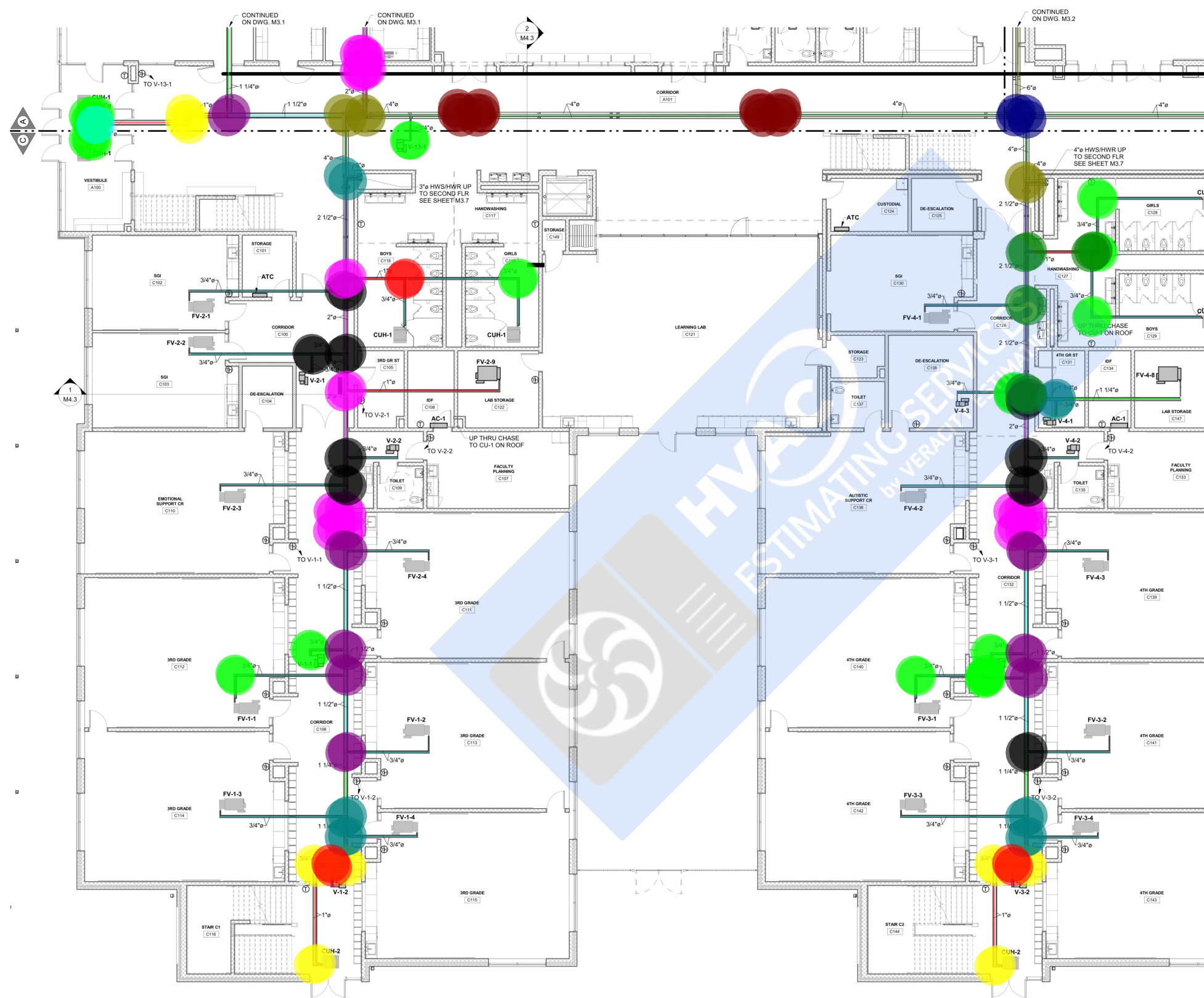


Building Data Summary	
Project ID:	York Suburban International School 701 Erlen Drive, York, PA 17402 Pipe length and fittings only
Location:	
Scope of Work:	
Date:	

Item #	Ref. Sheet #	Item Description	Unit	Quantity	Wastage	Quantity w/ Wastage
DIVISION 23- HVAC/Mechanical						
		Pipes				
1		3/4" Hot Water Supply	LF	1788	5%	1877
2		3/4" Hot Water Return	LF	1788	5%	1877
3		1" Hot Water Supply	LF	678	5%	712
4		1" Hot Water Return	LF	678	5%	712
5		1 1/4" Hot Water Supply	LF	362	5%	380
6		1 1/4" Hot Water Return	LF	362	5%	380
7		2" Hot Water Supply	LF	532	5%	559
8		2" Hot Water Return	LF	532	5%	559
9		1 1/2" Hot Water Supply	LF	390	5%	410
10		1 1/2" Hot Water Return	LF	390	5%	410
11		4" Hot Water Supply	LF	322	5%	338
12		4" Hot Water Return	LF	322	5%	338
13		6" Hot Water Supply	LF	180	5%	189
14		6" Hot Water Return	LF	180	5%	189
15		2 1/2" Hot Water Supply	LF	296	5%	311
16		2 1/2" Hot Water Return	LF	296	5%	311
17		3" Hot Water Supply	LF	20	5%	21
18		3" Hot Water Return	LF	20	5%	21
		Connections				
19		3/4" Dia 90D Elbow	EA	134	0%	134
20		1" Dia 90D Elbow	EA	55	0%	55
21		1 1/4" Dia 90D Elbow	EA	21	0%	21
22		2" Dia 90D Elbow	EA	59	0%	59
23		1 1/2" Dia 90D Elbow	EA	9	0%	9
24		4" Dia 90D Elbow	EA	46	0%	46
25		6" Dia 90D Elbow	EA	13	0%	13
26		2 1/2" Dia 90D Elbow	EA	29	0%	29
27		2" to 3/4" Dia Tee	EA	54	0%	54
28		3/4" to 1 1/2" Dia Tee	EA	32	0%	32
29		1 1/4" to 3/4" Dia Tee	EA	40	0%	40
30		1" to 3/4" Dia Tee	EA	55	0%	55
31		1" to 1/4" Dia Tee	EA	2	0%	2
32		1" to 1 1/4" Dia Tee	EA	20	0%	20
33		1" to 1 1/2" Dia Tee	EA	6	0%	6
34		1" to 2" Dia Tee	EA	6	0%	6
35		3/4" to 3/4" Dia Tee	EA	8	0%	8
36		2 1/2" to 3/4" Dia Tee	EA	44	0%	44
37		2" to 4" Dia Tee	EA	6	0%	6
38		4" to 6" Dia Tee	EA	4	0%	4
39		1 1/2" to 1 1/4" Dia Tee	EA	4	0%	4
40		3" to 4" Dia Tee	EA	2	0%	2
41		4" to 3/4" Dia Tee	EA	2	0%	2
42		1 1/2" to 4" Dia Tee	EA	4	0%	4
43		1" to 4" Dia Tee	EA	2	0%	2
44		2" to 1 1/4" Dia Tee	EA	16	0%	16
45		2" to 2 1/2" Dia Tee	EA	6	0%	6
46		2 1/2" to 3" Dia Tee	EA	2	0%	2
47		1" to 2 1/2" Dia Tee	EA	12	0%	12
48		2 1/2" to 4" Dia Tee	EA	2	0%	2
49		2" to 3" Dia Tee	EA	2	0%	2
50		2" t0 6" Dia Tee	EA	2	0%	2
51		6" to 1 1/2" Dia Tee	EA	2	0%	2
52		6" to 3/4" Dia Tee	EA	4	0%	4



- | | | |
|---|--------------------------|---|
|  | 2" HWS, HWR | 1 |
|  | 1 1/4" HWS, HWR | |
|  | 3/4" HWS, HWR | 4 |
|  | 1" HWS, HWR | 1 |
|  | 1 1/2" HWS, HWR | |
|  | 4" HWS, HWR | 1 |
|  | 6" HWS, HWR | |
|  | 2 1/2" HWS, HWR | |
|  | 3" HWS, HWR | |
|  | 1" Dia 90D Elbow | |
|  | 2" Dia 90D Elbow | |
|  | 4" Dia 90D Elbow | |
|  | 1" to 3/4" Dia Tee | |
|  | 1 1/4" to 3/4" Dia Tee | |
|  | 3/4" to 1 1/2" Dia Tee | |
|  | 2" to 3/4" Dia Tee | |
|  | 1" to 2" Dia Tee | |
|  | 3/4" Dia 90D Elbow | |
|  | 3/4" to 3/4" Dia Tee | |
|  | 2 1/2" to 3/4" Dia Tee | |
|  | 2" to 4" Dia Tee | |
|  | 4" to 6" Dia Tee | |
|  | 1" to 1 1/4" Dia Tee | |
|  | 1 1/2" to 1 1/4" Dia Tee | |
|  | 3" to 4" Dia Tee | |

- | | |
|----------|--|
| 100.6 FT | |
| 69.3 FT | |
| 438.2 FT | |
| 127.8 FT | |
| 90.2 FT | |
| 169.0 FT | |
| 17.4 FT | |
| 54.7 FT | |
| 2.2 FT | |
| 16.0 EA | |
| 24.0 EA | |
| 16.0 EA | |
| 6.0 EA | |
| 10.0 EA | |
| 14.0 EA | |
| 18.0 EA | |
| 4.0 EA | |
| 34.0 EA | |
| 1.0 EA | |
| 8.0 EA | |
| 6.0 EA | |
| 4.0 EA | |
| 0.0 EA | |
| 2.0 EA | |
| 2.0 EA | |

① FIRST FLOOR AREA C HVAC PIPING
1/8" = 1'-0"

CRABTREE
401 EAST WINDING
MECHANICSBURG
717 458 0373

CR

FIRST FLOOR AREA C HVAC
PIPING

PLOT SCALE:	1/8" = 1'-0"
FILENAME:	23085
DATE:	JULY 15, 202

PROJECT
3704

M3.3

4" HWS, HWR

1" HWS, HWR

3/4" HWS, HWR

1 1/4" HWS, HWR

1 1/2" HWS, HWR

2" HWS, HWR

2 1/2" HWS, HWR

3" HWS, HWR

3/4" Dia 90D Elbow

1" Dia 90D Elbow

2" Dia 90D Elbow

4" Dia 90D Elbow

4" to 3/4" Dia Tee

1 1/2" to 4" Dia Tee

1" to 3/4" Dia Tee

1" to 4" Dia Tee

2" to 3/4" Dia Tee

1" to 2" Dia Tee

3/4" to 3/4" Dia Tee

3/4" to 1 1/2" Dia Tee

1" to 1 1/4" Dia Tee

104.5 FT

57.4 FT

228.0 FT

3.9 FT

59.7 FT

54.3 FT

12.7 FT

2.5 FT

18.0 EA

10.0 EA

8.0 EA

24.0 EA

2.0 EA

4.0 EA

6.0 EA

2.0 EA

12.0 EA

2.0 EA

2.0 EA

2.0 EA

8.0 EA

2.0 EA

1 FIRST FLOOR AREA D HVAC PIPING
1/8" = 1'-0"

MOORE
ENGINEERING COMPANY
3637 Columbia Avenue
Lancaster PA 17603
P: 717.285.3141
MooreEngineering.com

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KEY PLAN

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NO.	MM-DD-YY	NAME	DESCRIPTION OF CHANGES

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CHARLOTTEVILLE, VIRGINIA
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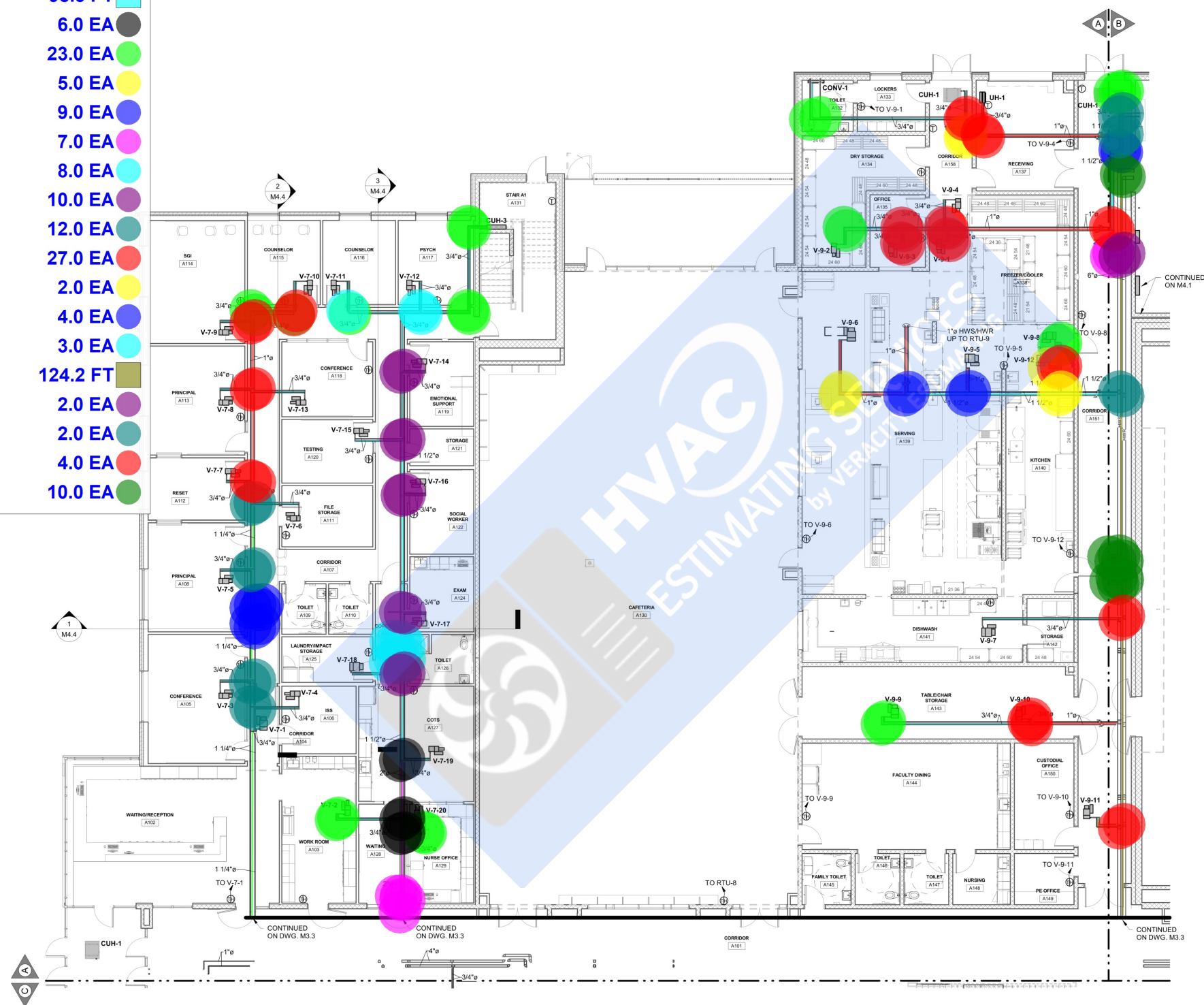
NEW CONSTRUCTION FOR
YORK SUBURBAN INTERMEDIATE SCHOOL
YORK SUBURBAN SCHOOL DISTRICT
701 ERLIN DRIVE, YORK, PA 17402

FIRST FLOOR AREA D HVAC
PIPING
PLOT SCALE:
1/8" = 1'-0"
FILENAME:
23085
DATE:
JULY 15, 2025

PROJECT
3704

M3.4

3/4" HWS, HWR	296.7 FT
1" HWS, HWR	127.4 FT
1 1/4" HWS, HWR	69.8 FT
2" HWS, HWR	30.3 FT
1 1/2" HWS, HWR	98.3 FT
2" to 3/4" Dia Tee	6.0 EA
3/4" Dia 90D Elbow	23.0 EA
1" Dia 90D Elbow	5.0 EA
1 1/4" Dia 90D Elbow	9.0 EA
2" Dia 90D Elbow	7.0 EA
1 1/2" Dia 90D Elbow	8.0 EA
3/4" to 1 1/2" Dia Tee	10.0 EA
1 1/4" to 3/4" Dia Tee	12.0 EA
1" to 3/4" Dia Tee	27.0 EA
1" to 1 1/4" Dia Tee	2.0 EA
1" to 1 1/2" Dia Tee	4.0 EA
3/4" to 3/4" Dia Tee	3.0 EA
6" HWS, HWR	124.2 FT
2" to 6" Dia Tee	2.0 EA
6" to 1 1/2" Dia Tee	2.0 EA
6" to 3/4" Dia Tee	4.0 EA
6" Dia 90D Elbow	10.0 EA



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NEW CONSTRUCTION FOR
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YORK SUBURBAN SCHOOL DISTRICT
701 ERLIN DRIVE, YORK, PA 17402

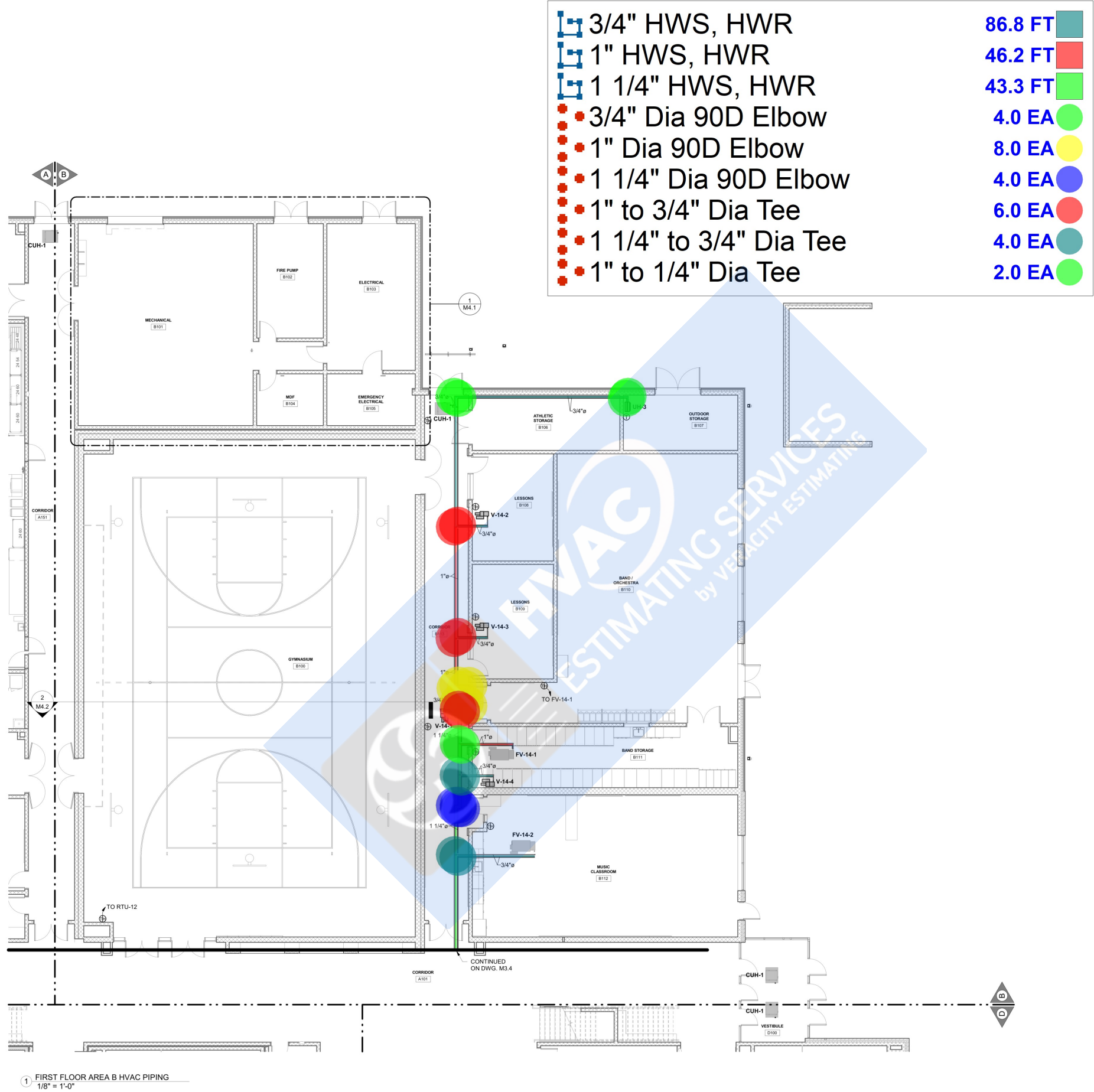
701 ERLÉN DRIVE, YORK, PA 17402

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PLOT SCALE:	1/8" = 1'-0"
FILENAME:	23085
DATE:	JULY

PROJECT
3704

M3.1

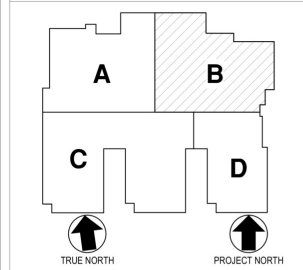


1 FIRST FLOOR AREA B HVAC PIPING
1/8" = 1'-0"

- 3/4" HWS, HWR 86.8 FT
- 1" HWS, HWR 46.2 FT
- 1 1/4" HWS, HWR 43.3 FT
- 3/4" Dia 90D Elbow 4.0 EA
- 1" Dia 90D Elbow 8.0 EA
- 1 1/4" Dia 90D Elbow 4.0 EA
- 1" to 3/4" Dia Tee 6.0 EA
- 1 1/4" to 3/4" Dia Tee 4.0 EA
- 1" to 1/4" Dia Tee 2.0 EA

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KEY PLAN



REVISIONS

NO.	MM-DD-YY	NAME	DESCRIPTION OF CHANGES

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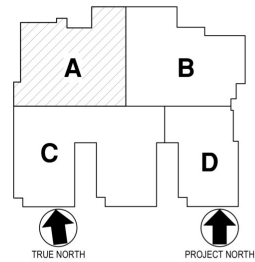
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YORK SUBURBAN SCHOOL DISTRICT
701 ERLIN DRIVE, YORK, PA 17402



FIRST FLOOR AREA B HVAC PIPING
PLOT SCALE:
1/8" = 1'-0"
FILENAME:
23085
DATE:
JULY 15, 2025

PROJECT
3704
M3.2

KEY PLAN



REVISIONS

NO.	MM-DD-YY	NAME	DESCRIPTION OF CHANGES

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YORK SUBURBAN SCHOOL DISTRICT
701 ERLIN DRIVE, YORK, PA 17402

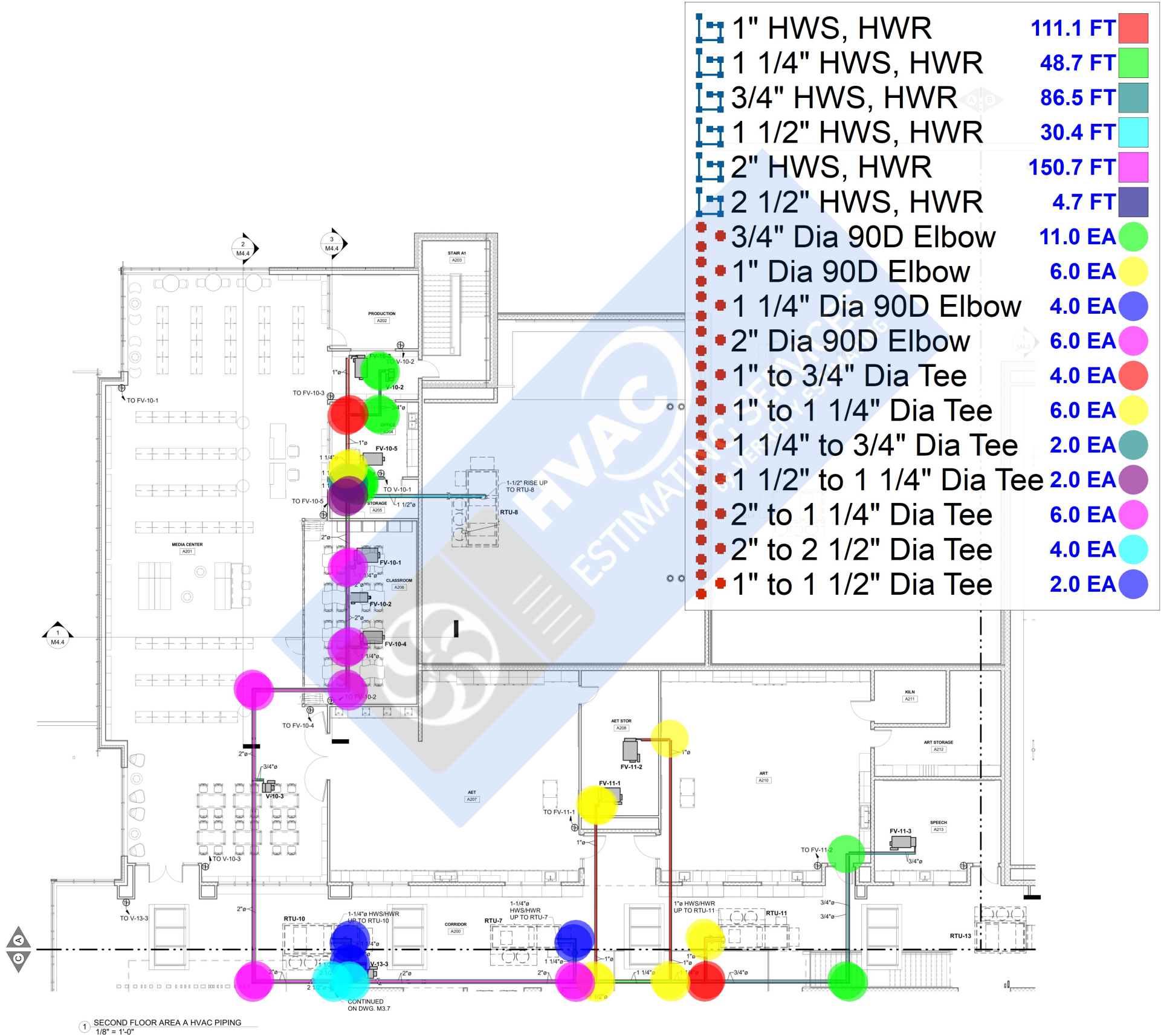
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SECOND FLOOR AREA A
HVAC PIPING

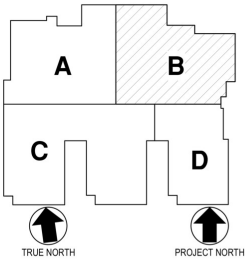
PLOT SCALE:
1/8" = 1'-0"
FILENAME:
23085
DATE:
JULY 15, 2025

PROJECT
3704

M3.5



KEY PLAN



REVISIONS

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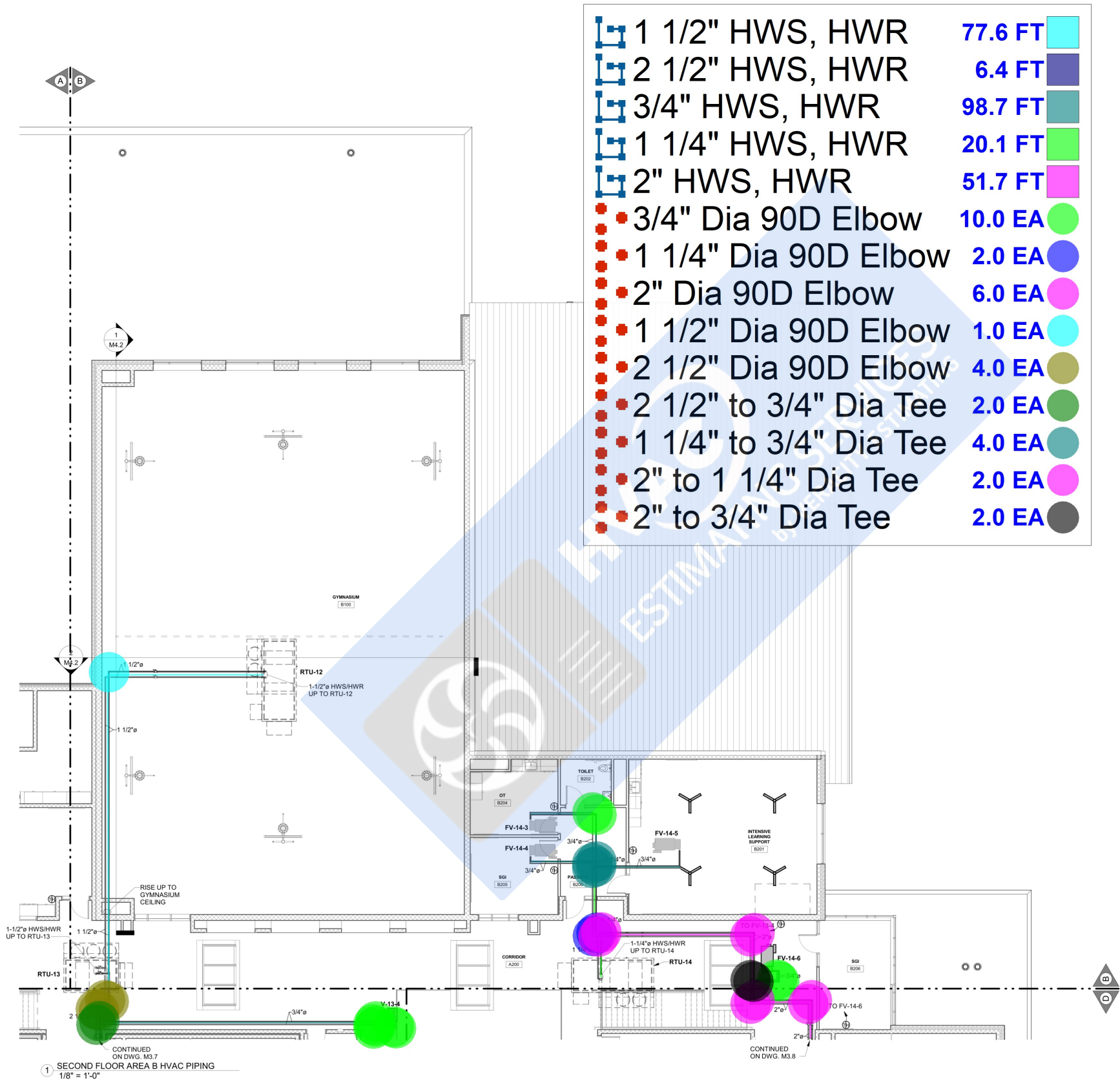
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SECOND FLOOR AREA B
HVAC PIPING

PLOT SCALE:
1/8" = 1'-0"
FILENAME:
23085
DATE:
JULY 15, 2025

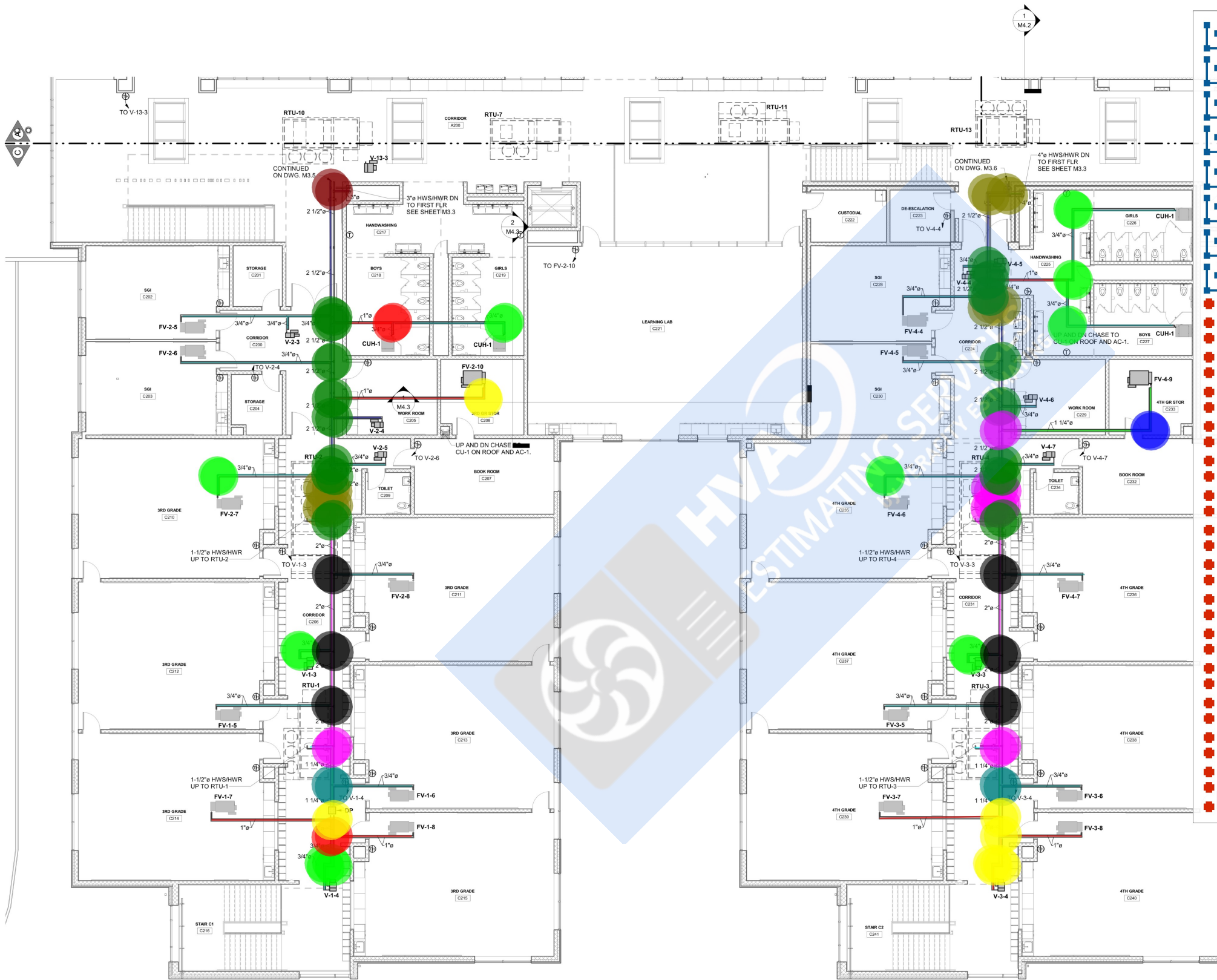
PROJECT
3704

M3.6



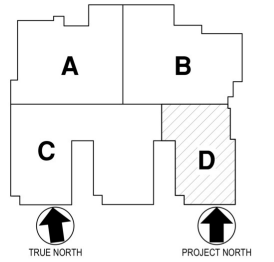
KEY PLAN

3/4" HWS, HWR	362.7 FT
1" HWS, HWR	139.6 FT
1 1/4" HWS, HWR	56.0 FT
2" HWS, HWR	90.6 FT
1 1/2" HWS, HWR	16.4 FT
2 1/2" HWS, HWR	128.8 FT
3" HWS, HWR	2.5 FT
4" HWS, HWR	2.1 FT
3/4" Dia 90D Elbow	20.0 EA
1" Dia 90D Elbow	6.0 EA
1 1/4" Dia 90D Elbow	2.0 EA
2" Dia 90D Elbow	8.0 EA
2 1/2" Dia 90D Elbow	14.0 EA
2 1/2" to 3" Dia Tee	2.0 EA
2 1/2" to 3/4" Dia Tee	22.0 EA
1" to 3/4" Dia Tee	4.0 EA
1" to 1 1/2" Dia Tee	0.0 EA
1" to 2 1/2" Dia Tee	10.0 EA
2" to 3/4" Dia Tee	12.0 EA
2" to 1 1/4" Dia Tee	6.0 EA
1 1/4" to 3/4" Dia Tee	4.0 EA
1" to 1 1/4" Dia Tee	6.0 EA
2 1/2" to 4" Dia Tee	2.0 EA



1 SECOND FLOOR AREA C HVAC PIPING
1/8" = 1'-0"

KEY PLAN



REVISIONS

NO.	MM-DD-YY	NAME	DESCRIPTION OF CHANGES

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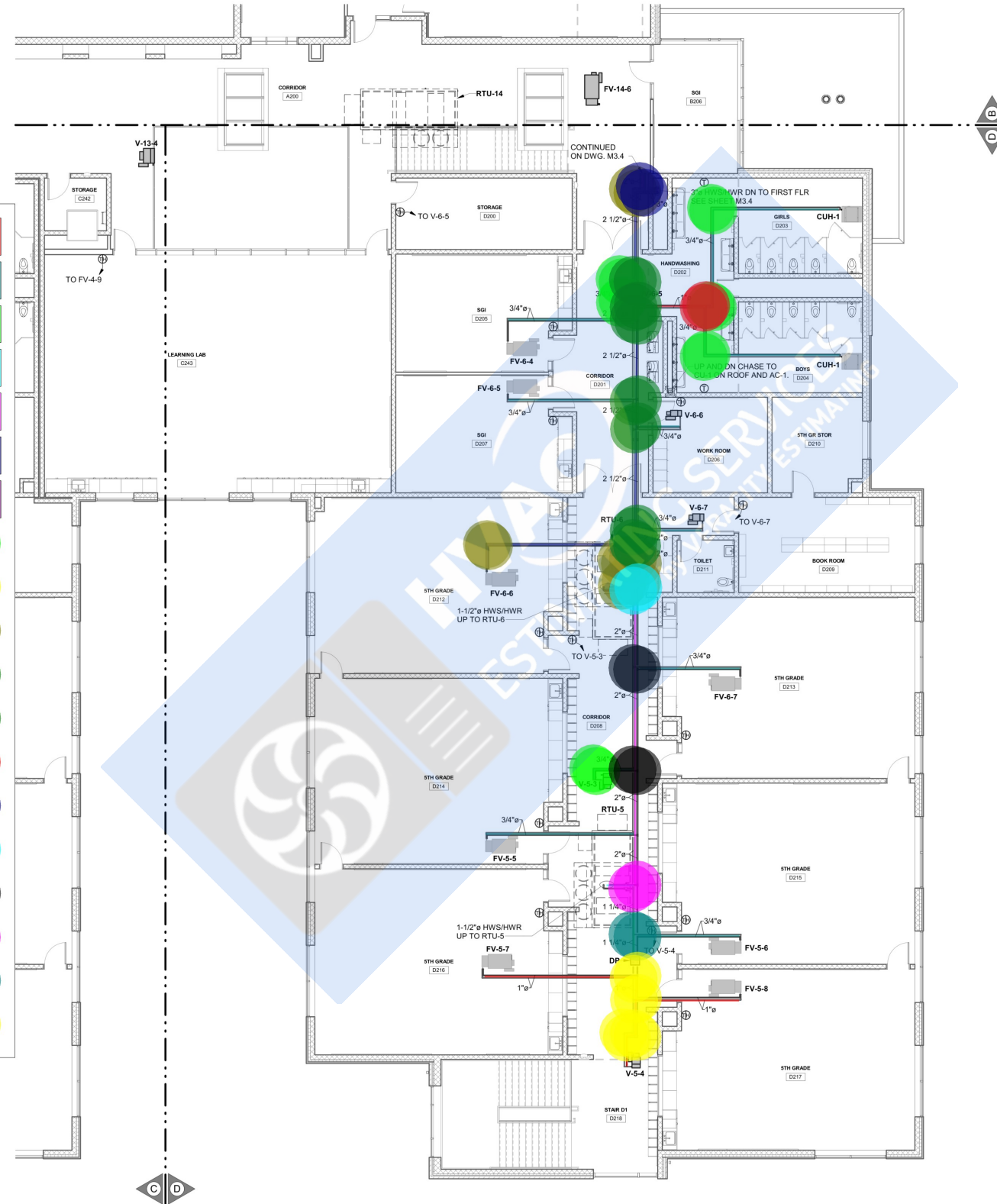
SECOND FLOOR AREA D
HVAC PIPING

PLOT SCALE:
1/8" = 1'-0"
FILENAME:
23085
DATE:
JULY 15, 2025

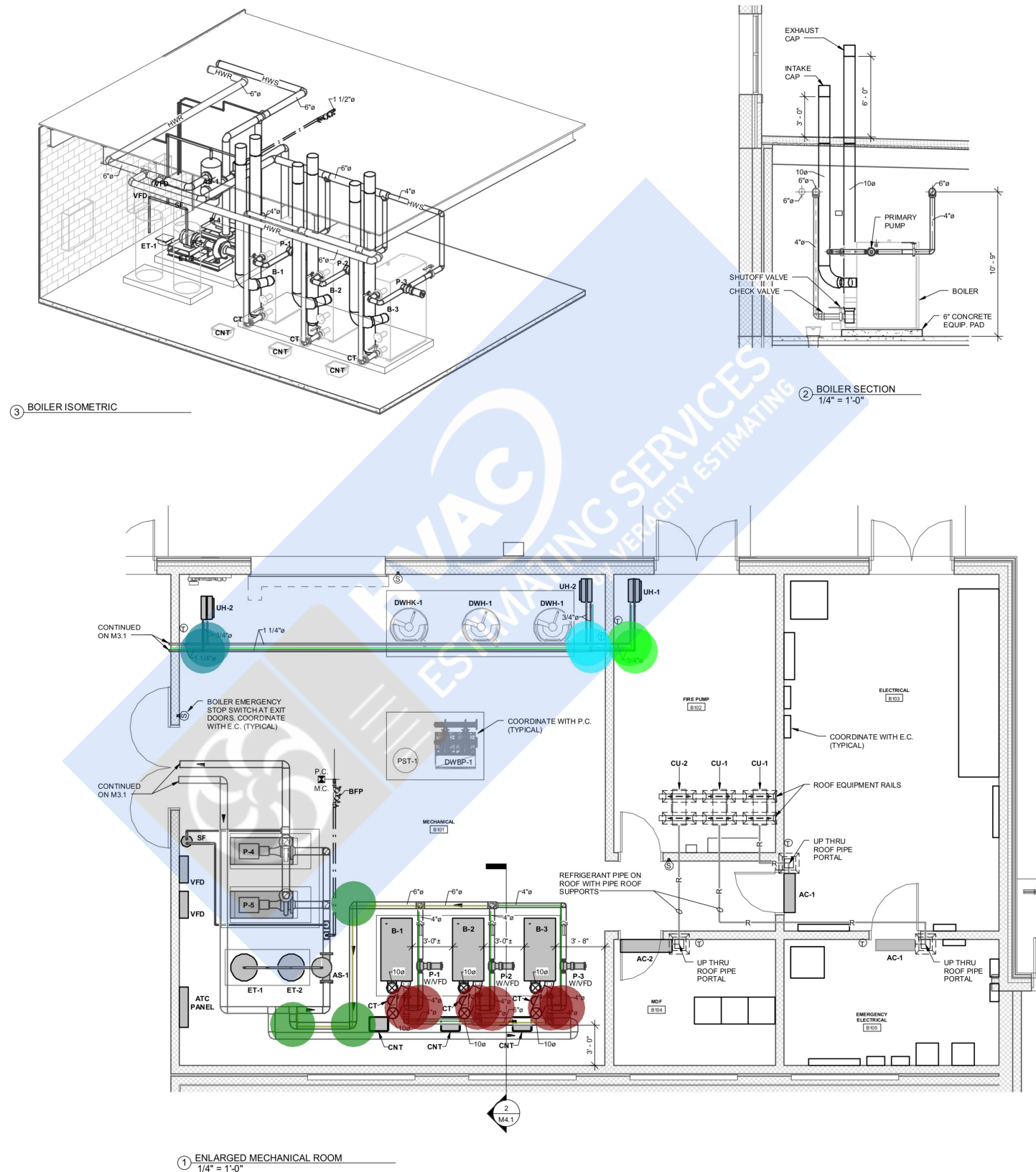
PROJECT
3704

M3.8

- | | | |
|------------------------|----------|--|
| 1" HWS, HWR | 58.7 FT | |
| 3/4" HWS, HWR | 169.9 FT | |
| 1 1/4" HWS, HWR | 9.8 FT | |
| 1 1/2" HWS, HWR | 8.0 FT | |
| 2" HWS, HWR | 44.0 FT | |
| 2 1/2" HWS, HWR | 78.8 FT | |
| 3" HWS, HWR | 3.2 FT | |
| 3/4" Dia 90D Elbow | 12.0 EA | |
| 1" Dia 90D Elbow | 4.0 EA | |
| 2 1/2" Dia 90D Elbow | 11.0 EA | |
| 2 1/2" to 3/4" Dia Tee | 12.0 EA | |
| 1" to 2 1/2" Dia Tee | 2.0 EA | |
| 1" to 3/4" Dia Tee | 2.0 EA | |
| 2" to 3" Dia Tee | 2.0 EA | |
| 2" to 2 1/2" Dia Tee | 2.0 EA | |
| 2" to 3/4" Dia Tee | 4.0 EA | |
| 2" to 1 1/4" Dia Tee | 2.0 EA | |
| 1 1/4" to 3/4" Dia Tee | 2.0 EA | |
| 1" to 1 1/4" Dia Tee | 4.0 EA | |



	4" HWS, HWR	37.4 FT	
	3/4" HWS, HWR	11.2 FT	
	1 1/4" HWS, HWR	31.5 FT	
	6" HWS, HWR	29.0 FT	
	3/4" Dia 90D Elbow	2.0 EA	
	4" Dia 90D Elbow	6.0 EA	
	6" Dia 90D Elbow	3.0 EA	
	3/4" to 3/4" Dia Tee	2.0 EA	
	1 1/4" to 3/4" Dia Tee	2.0 EA	



REVISIONS

NO.	MM-DD-YY	NAME	DESCRIPTION OF CHANGES

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YORK SUBURBAN SCHOOL DISTRICT
701 ERLIN DRIVE, YORK, PA 17402

CR

ENLARGED MECHANICAL
ROOM PLAN

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

FILENAME:
23085

DATE:
JULY 15, 2025

PROJECT
3704

M4.1