



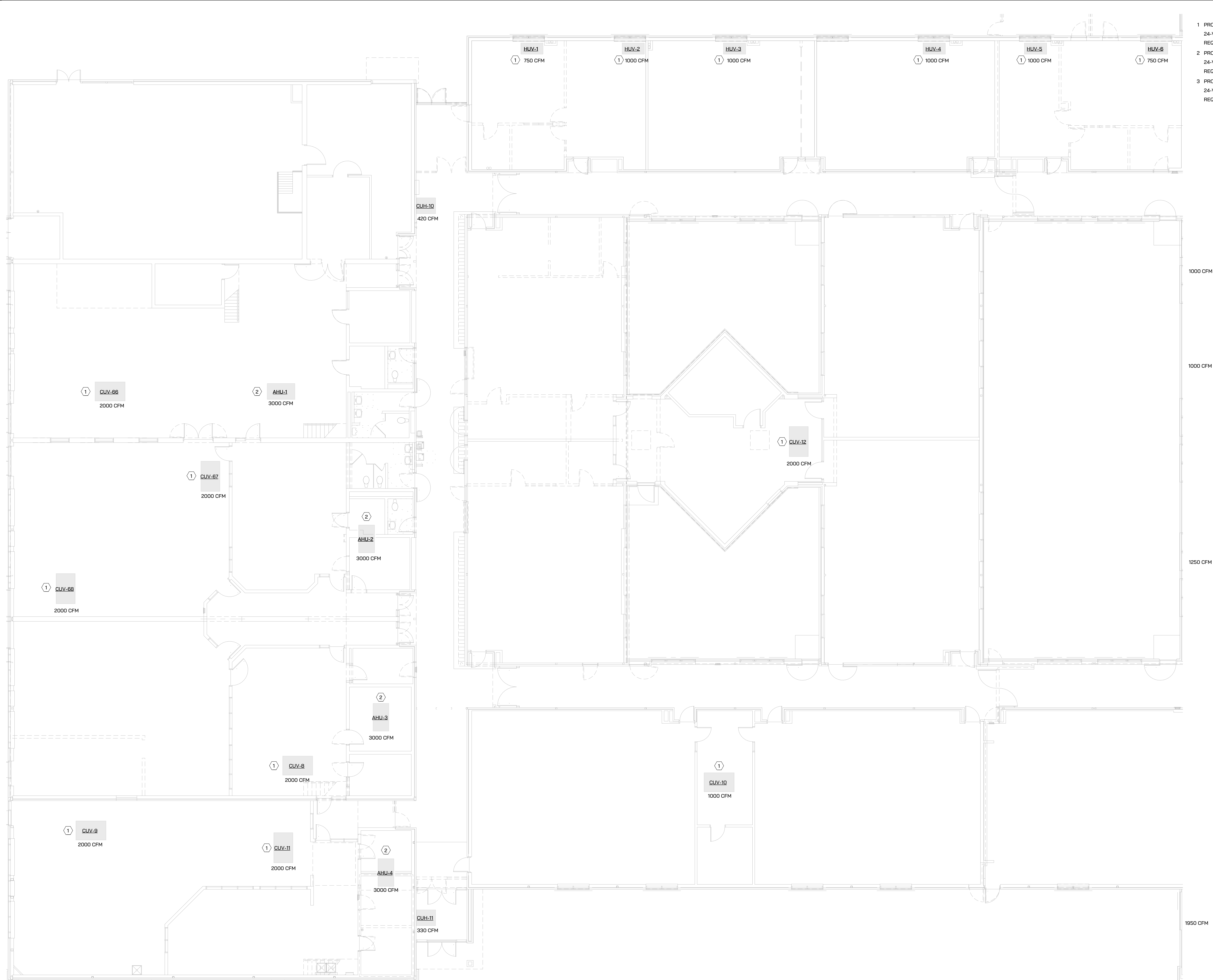


ST. JOSEPH HIGH SCHOOL - IAQ UPGRADES

**IGNYTE**  
MECHANICAL + ELECTRICAL DESIGN

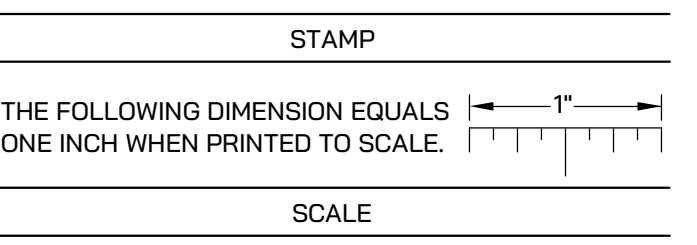
**SHEET METAL KEYED NOTES**

- 1 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS CI-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.
- 2 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS DM48. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.
- 3 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS DM-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.



1000 CFM  
1000 CFM  
1250 CFM  
1950 CFM

Project Status: 4.18.2023  
Issued For: Date



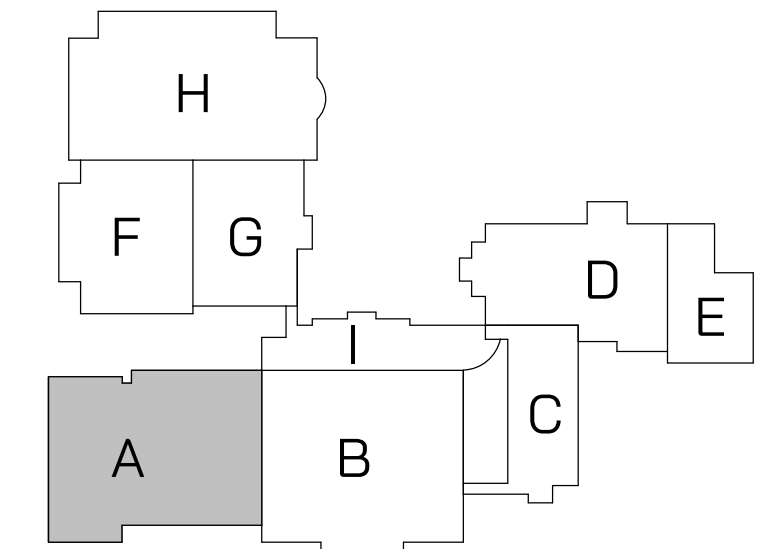
Drawing Title:  
**LOWER LEVEL SHEET METAL PLAN - UNIT A**

Project Number

**M300A**

➔ LOWER LEVEL SHEET METAL PLAN - UNIT A  
1/8" = 1'-0"

**FLOOR KEY PLAN**



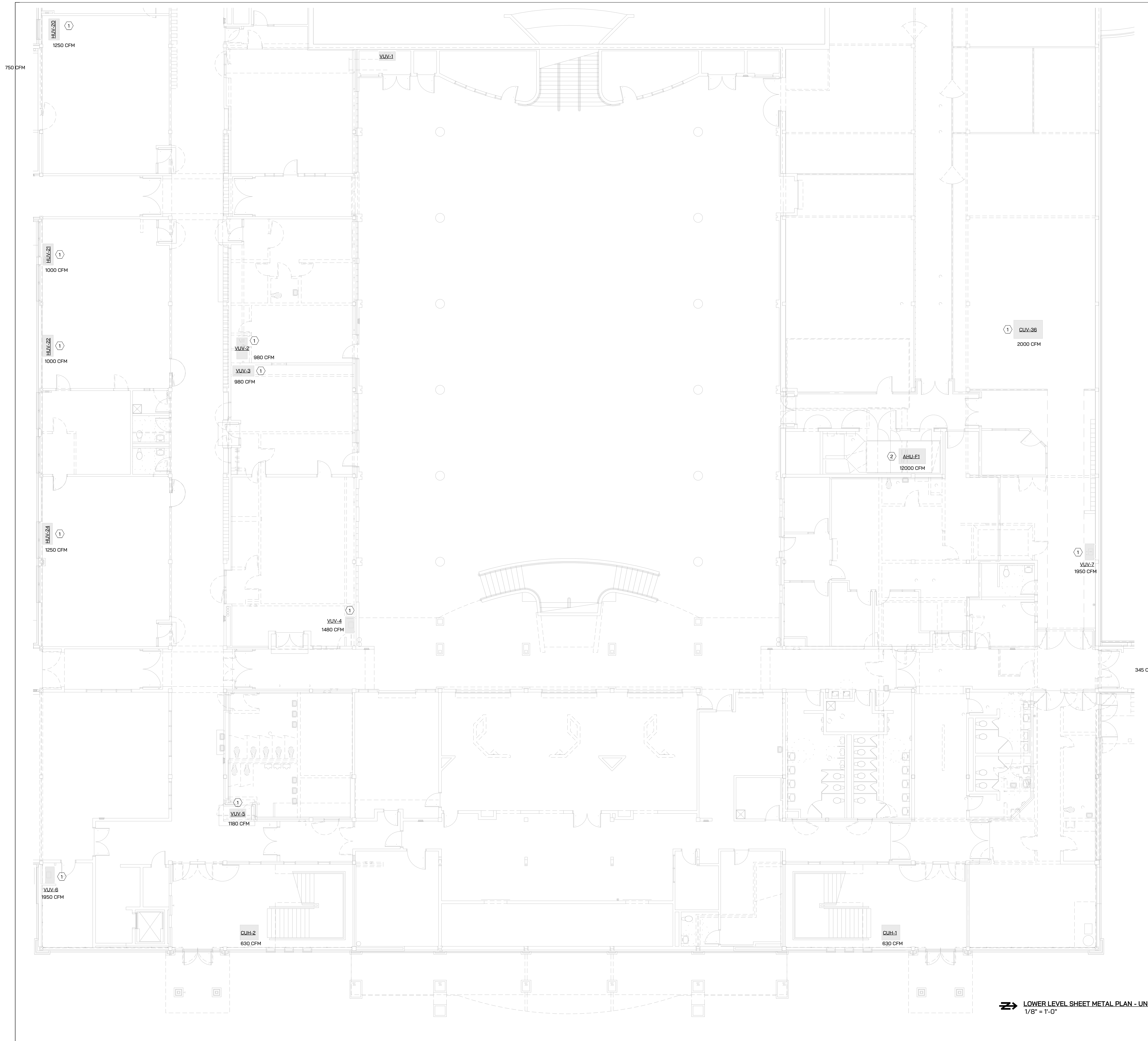


ST. JOSEPH HIGH SCHOOL - IAQ UPGRADES

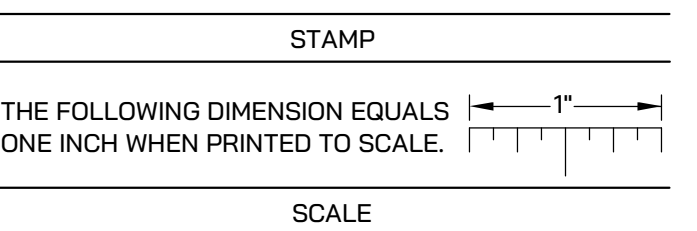
**IGNYTE**  
MECHANICAL + ELECTRICAL DESIGN

**SHEET METAL KEYED NOTES**

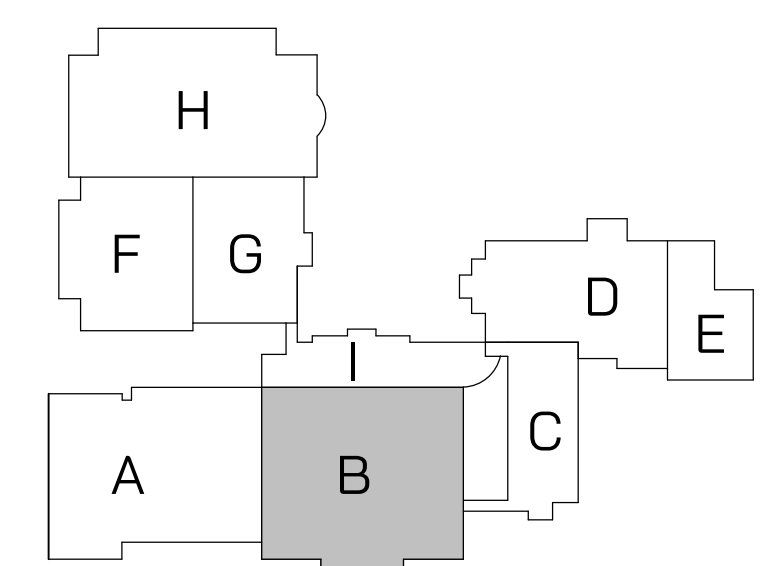
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- 2 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS DM48. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.
- 3 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS DM-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.



Project Status	4.18.2023
Issued For:	Date



**FLOOR KEY PLAN**



➔ LOWER LEVEL SHEET METAL PLAN - UNIT B  
1/8" = 1'-0"

Drawing Title:  
**LOWER LEVEL SHEET METAL PLAN - UNIT B**

Project Number

**M300B**

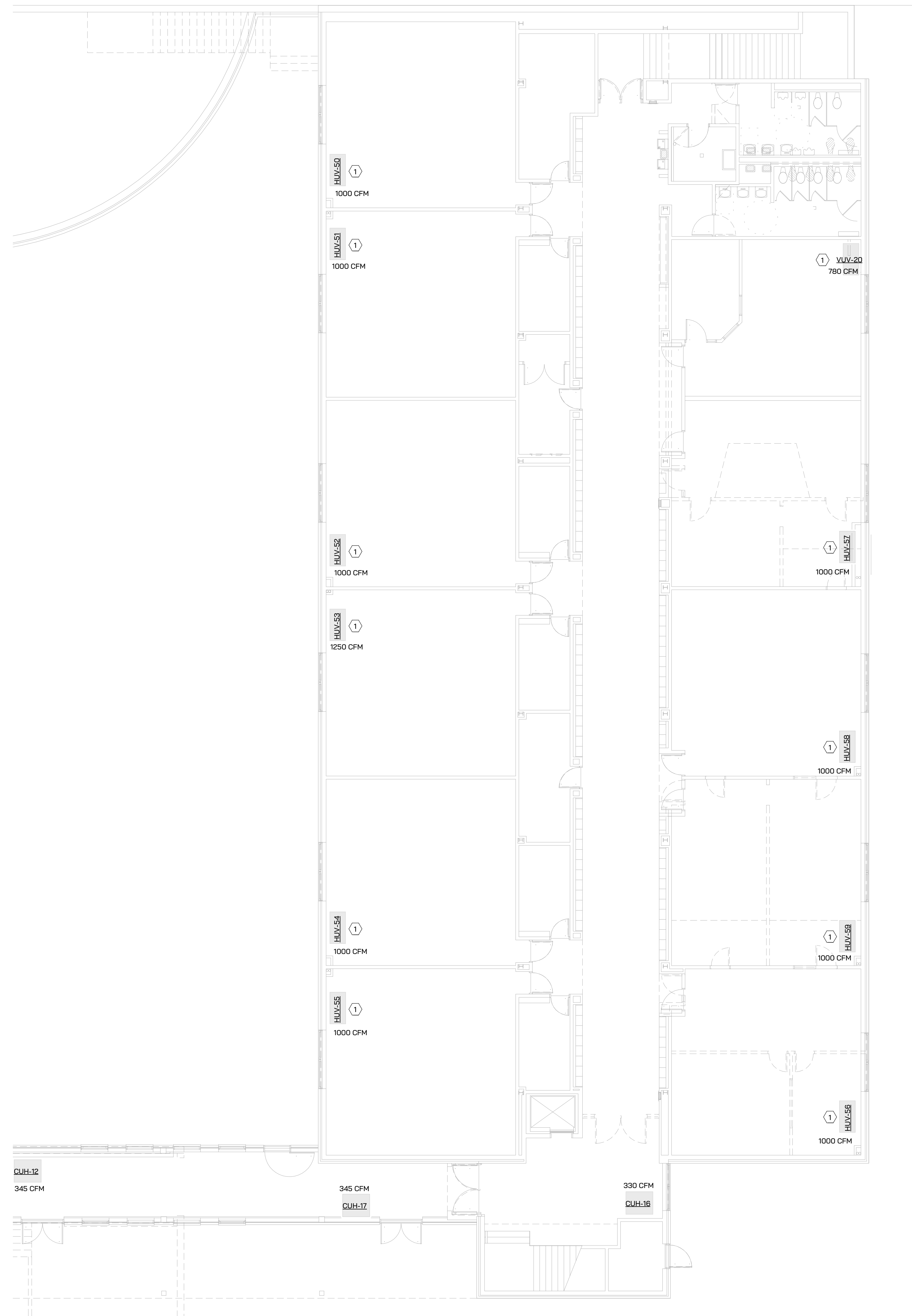


ST. JOSEPH HIGH SCHOOL - IAQ UPGRADES

**IGNYTE**  
MECHANICAL + ELECTRICAL DESIGN

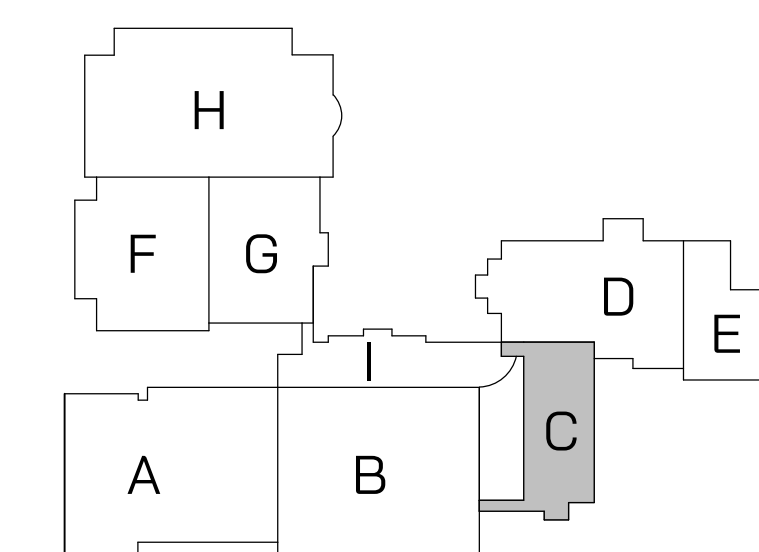
**SHEET METAL KEYED NOTES**

- 1 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS CI-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.
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- 3 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS DM-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.

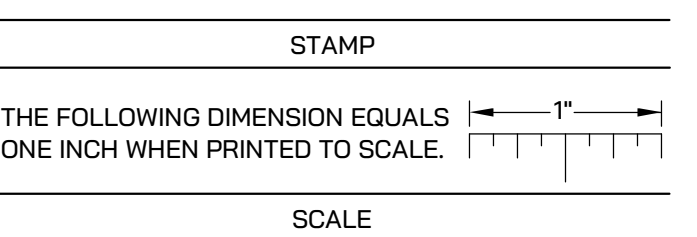


➔ LOWER LEVEL SHEET METAL PLAN - UNIT C  
1/8" = 1'-0"

**FLOOR KEY PLAN**



Project Status	4.18.2023
Issued For:	Date



Drawing Title:

**LOWER LEVEL SHEET METAL PLAN - UNIT C**

Project Number

**M300C**

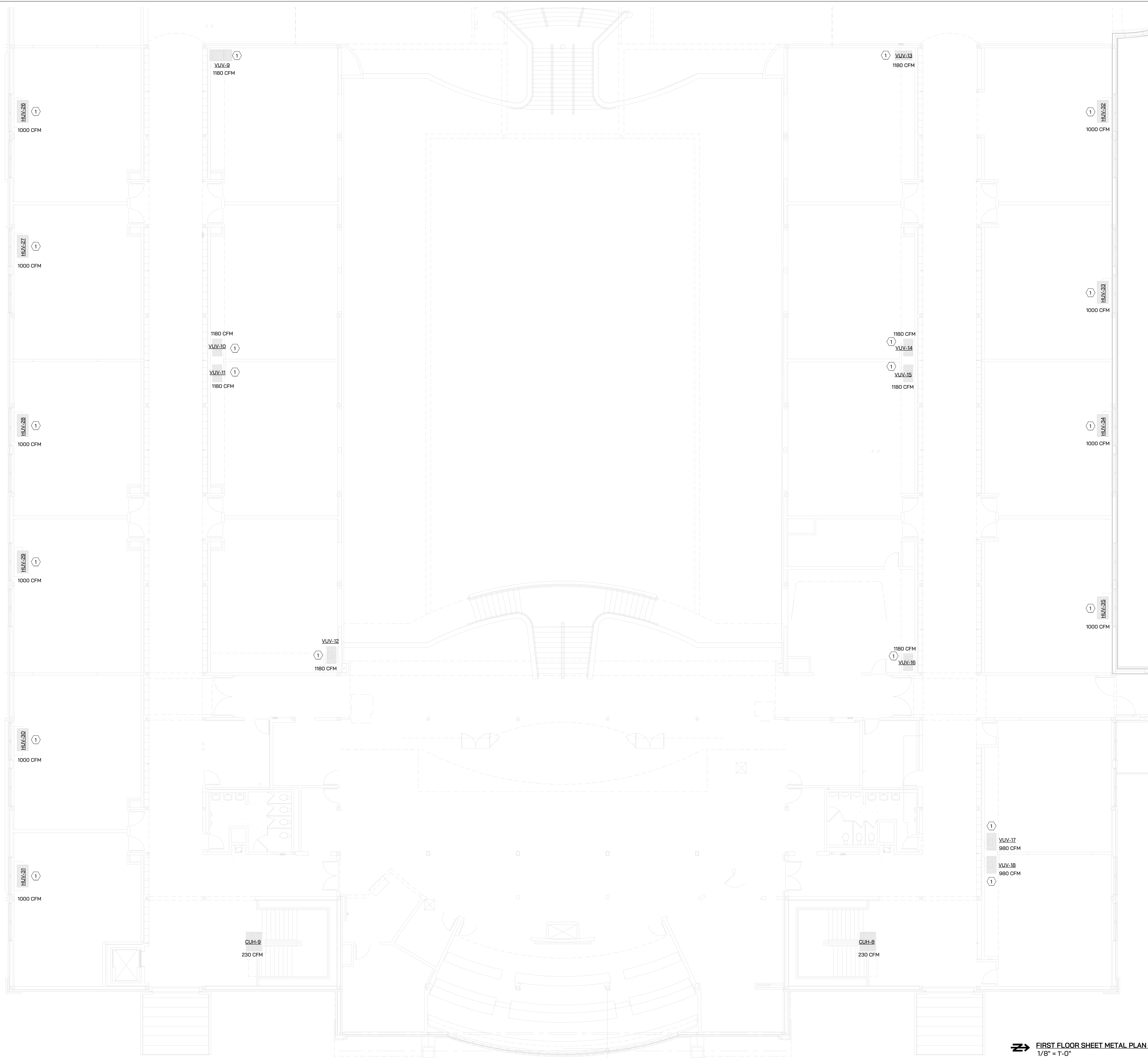


ST. JOSEPH HIGH SCHOOL - IAQ UPGRADES

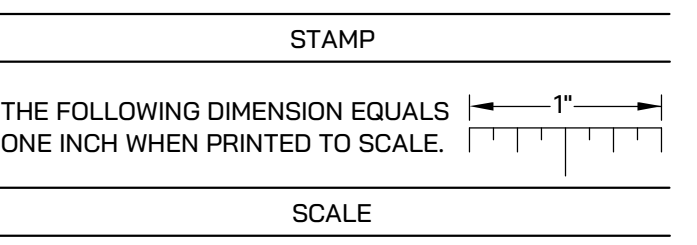
**IGNYTE**  
MECHANICAL + ELECTRICAL DESIGN

**SHEET METAL KEYED NOTES**

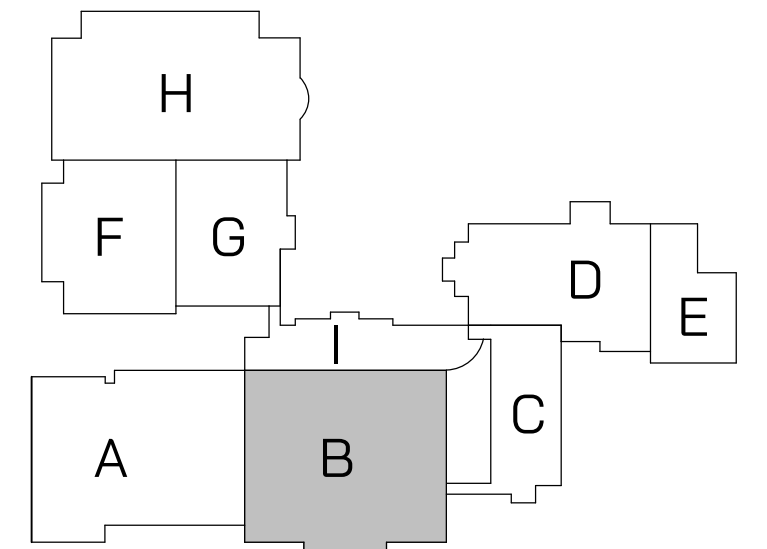
- 1 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS CI-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.
- 2 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS DM4B. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.
- 3 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS DM-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.



Project Status	4.18.2023
Issued For:	Date



**FLOOR KEY PLAN**



➔ FIRST FLOOR SHEET METAL PLAN - UNIT B  
1/8" = 1'-0"

Drawing Title:  
**FIRST FLOOR SHEET METAL PLAN - UNIT B**

Project Number

**M310B**



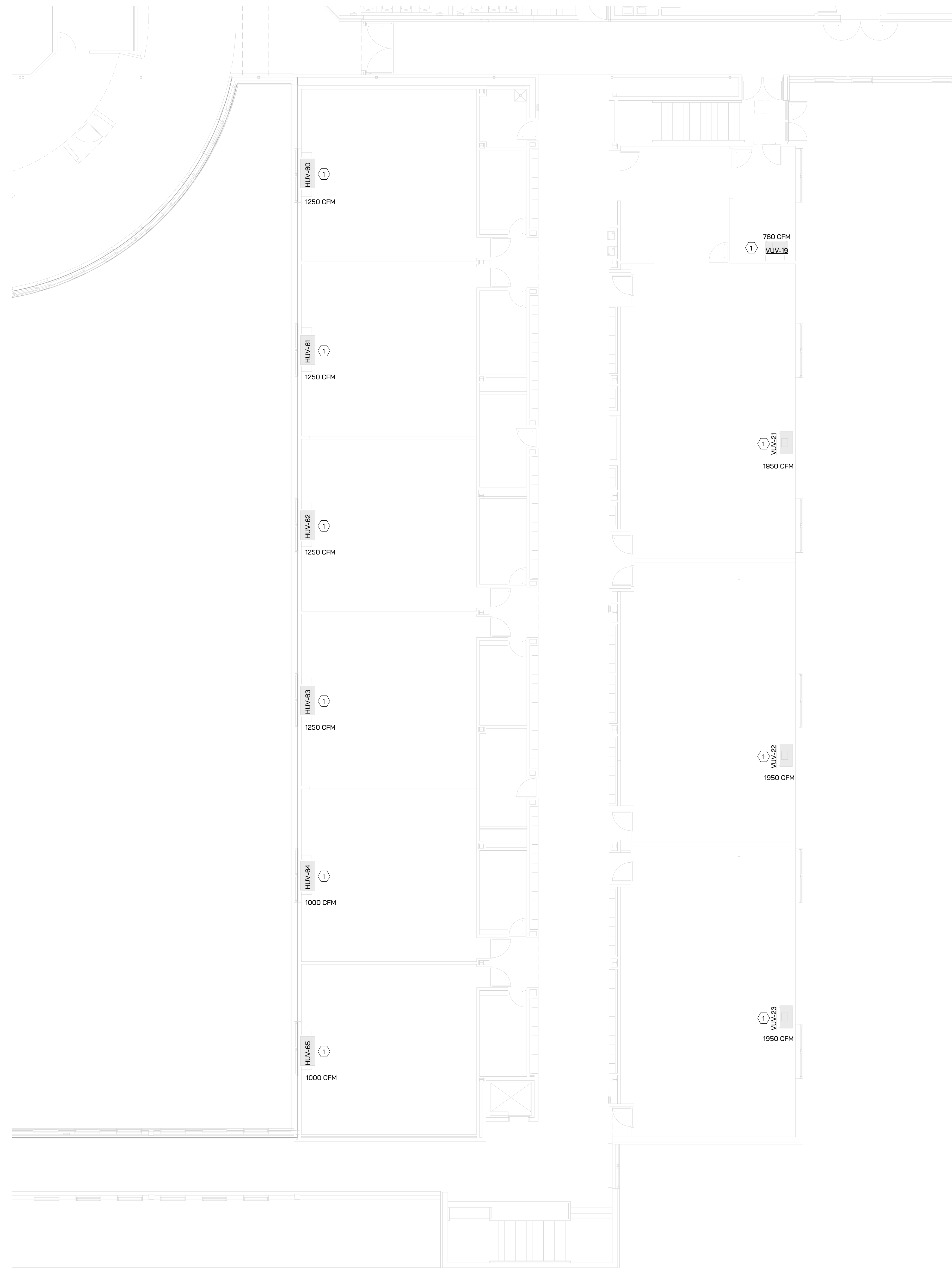
ST. JOSEPH HIGH SCHOOL - IAQ UPGRADES

**IGNYTE**  
MECHANICAL + ELECTRICAL DESIGN

**SHEET METAL KEYED NOTES**

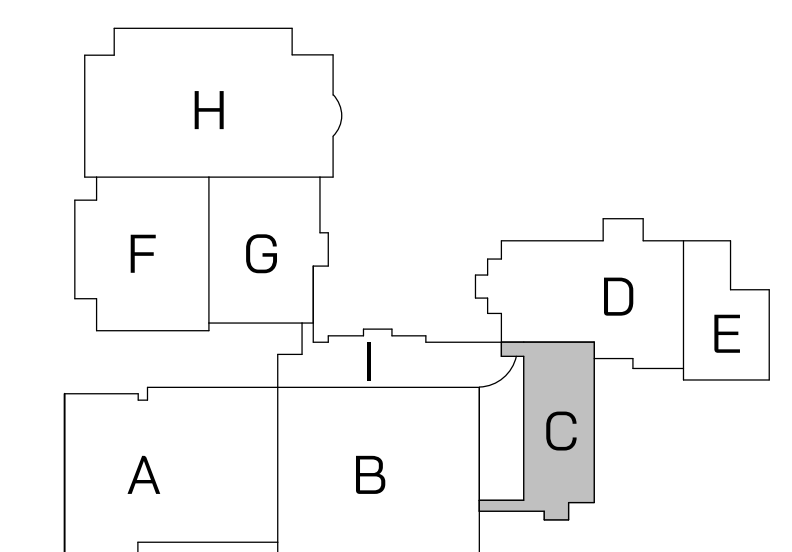
- 1 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS CI-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.
- 2 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS DM48. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.
- 3 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS DM-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.

20100 CFM

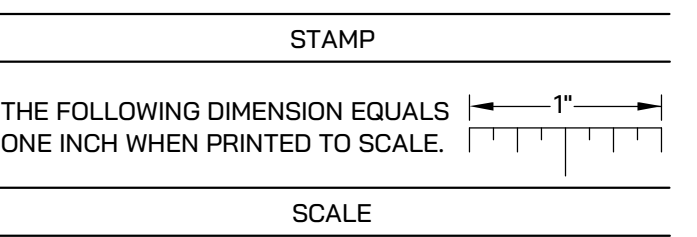


➔ FIRST FLOOR SHEET METAL PLAN - UNIT C  
1/8" = 1'-0"

**FLOOR KEY PLAN**



Project Status	4.18.2023
Issued For:	Date



Drawing Title:

**FIRST FLOOR SHEET METAL PLAN - UNIT C**

Project Number

**M310C**

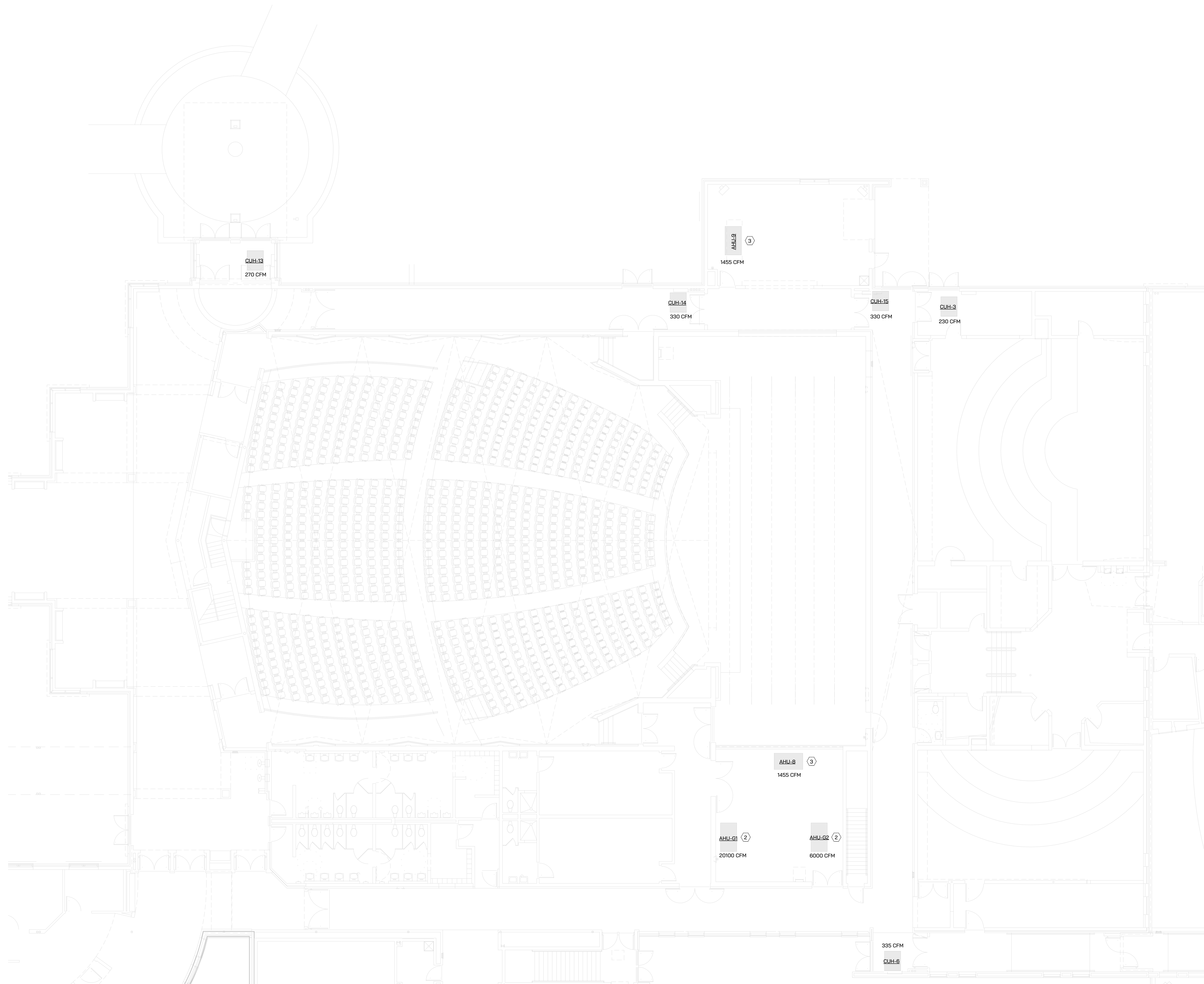


ST. JOSEPH HIGH SCHOOL - IAQ UPGRADES

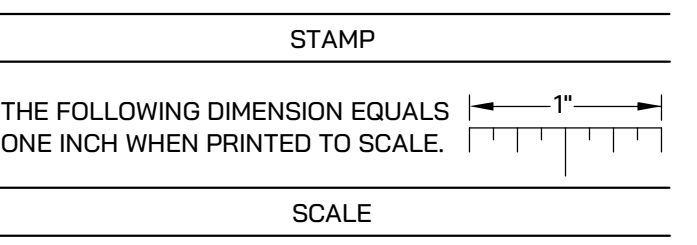
**IGNYTE**  
MECHANICAL + ELECTRICAL DESIGN

SHEET METAL KEYED NOTES

- 1 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS CI-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.
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Project Status	4.18.2023
Issued For:	Date



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Drawing Title:

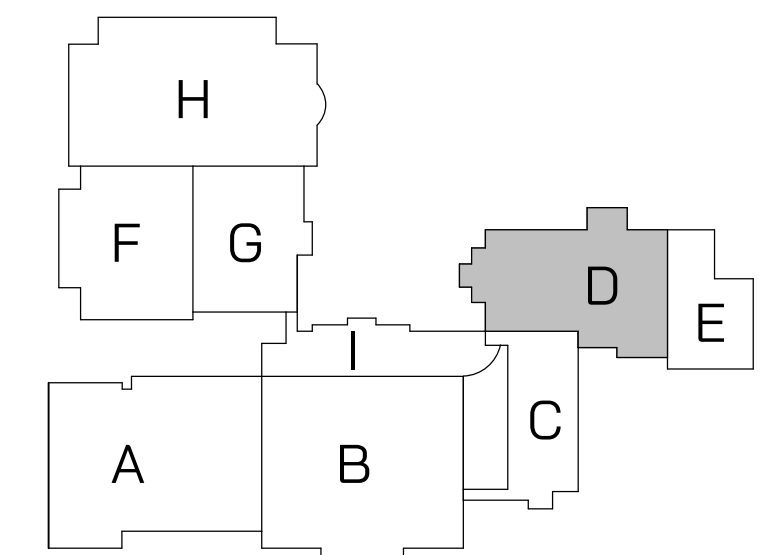
**FIRST FLOOR SHEET METAL PLAN - UNIT D**

Project Number

**M310D**

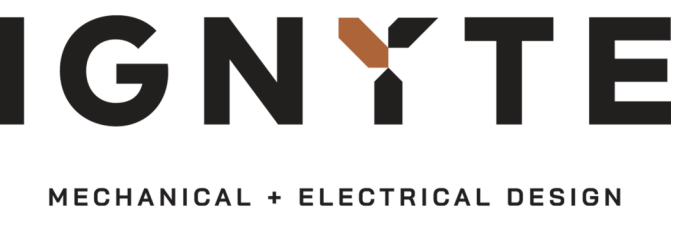
**FIRST FLOOR SHEET METAL PLAN - UNIT D**  
1/8" = 1'-0"

FLOOR KEY PLAN





ST. JOSEPH HIGH SCHOOL - IAQ UPGRADES



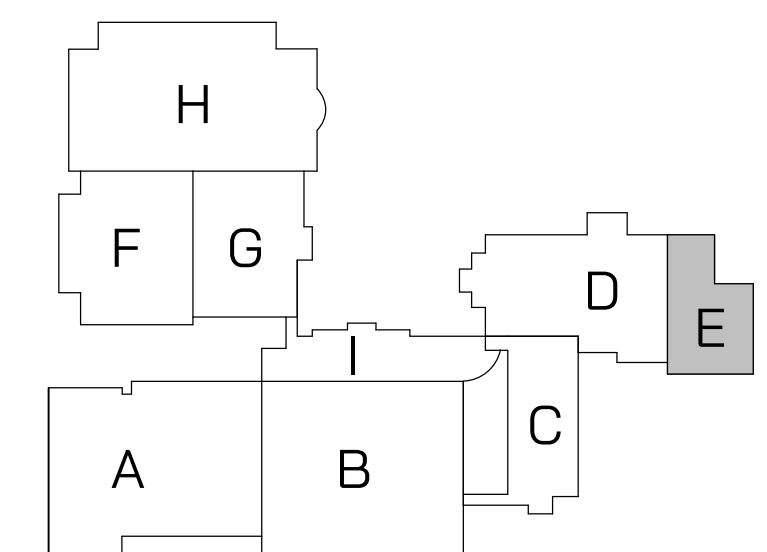
SHEET METAL KEYED NOTES

- 1 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS CI-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.
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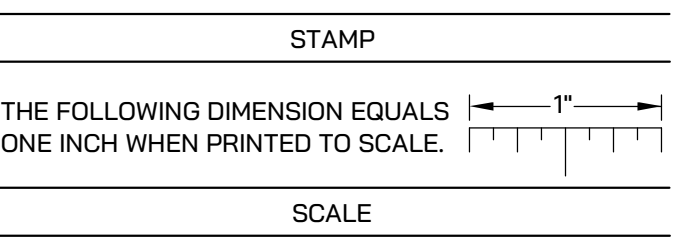


FIRST FLOOR SHEET METAL PLAN - UNIT E  
1/8" = 1'-0"

FLOOR KEY PLAN



Project Status	4.18.2023
Issued For:	Date



Drawing Title:  
FIRST FLOOR SHEET METAL PLAN - UNIT E

Project Number

M310E



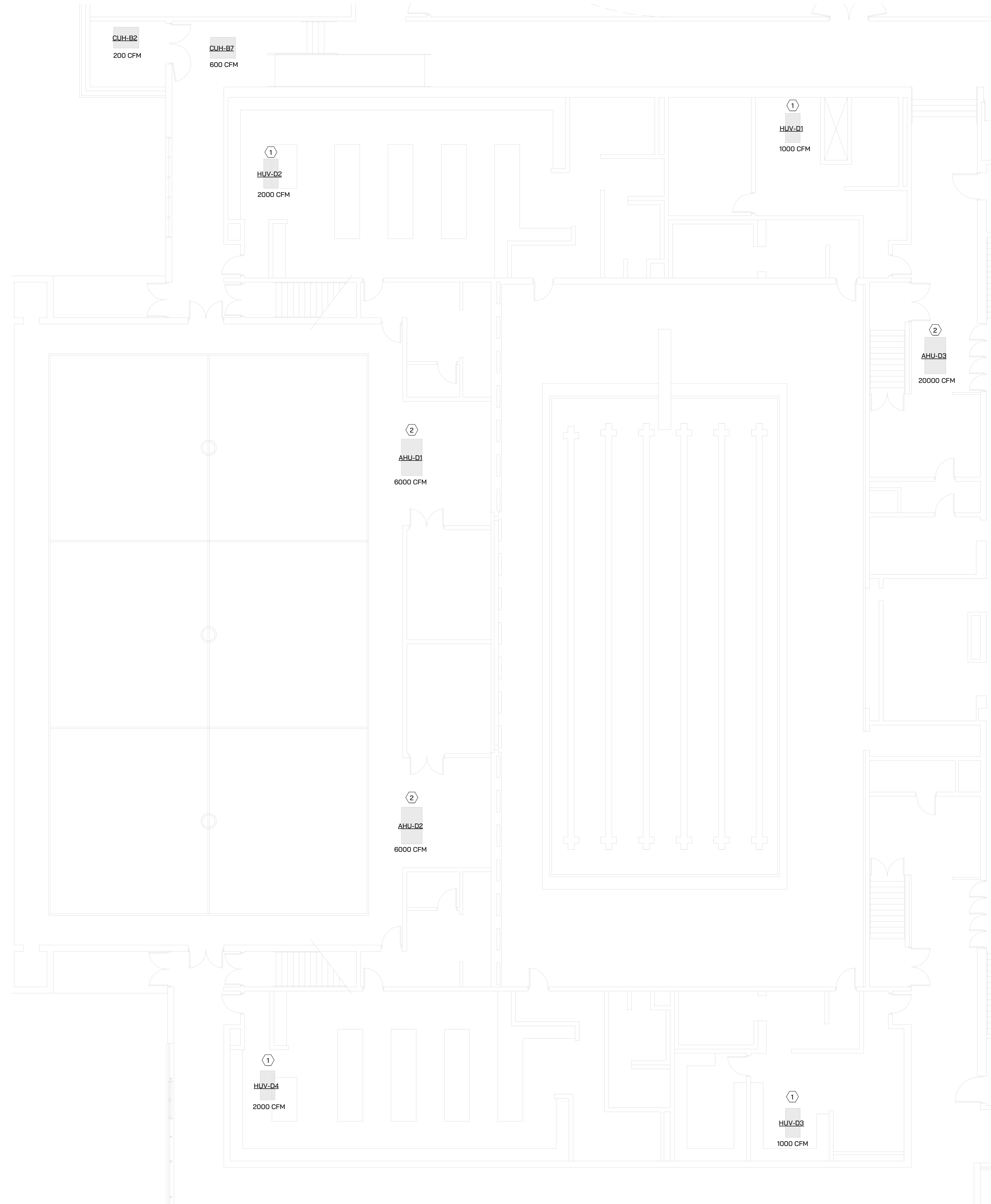


ST. JOSEPH HIGH SCHOOL - IAQ UPGRADES

**IGNYTE**  
MECHANICAL + ELECTRICAL DESIGN

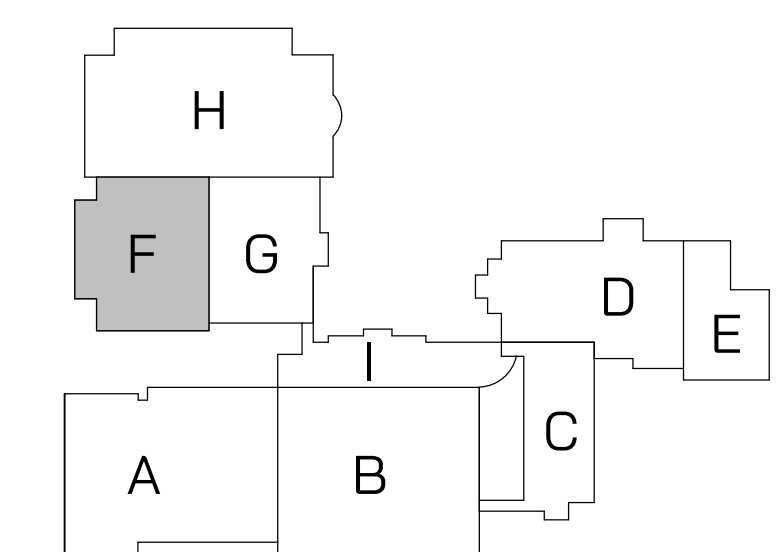
**SHEET METAL KEYED NOTES**

- 1 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS CI-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.
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- 3 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS DM-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.



➔ FIRST FLOOR SHEET METAL PLAN - UNIT F  
1/8" = 1'-0"

**FLOOR KEY PLAN**



Project Status	4.18.2023
Issued For:	Date

STAMP

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE.

SCALE

Drawing Title:  
**FIRST FLOOR SHEET METAL PLAN - UNIT F**

Project Number

**M310F**

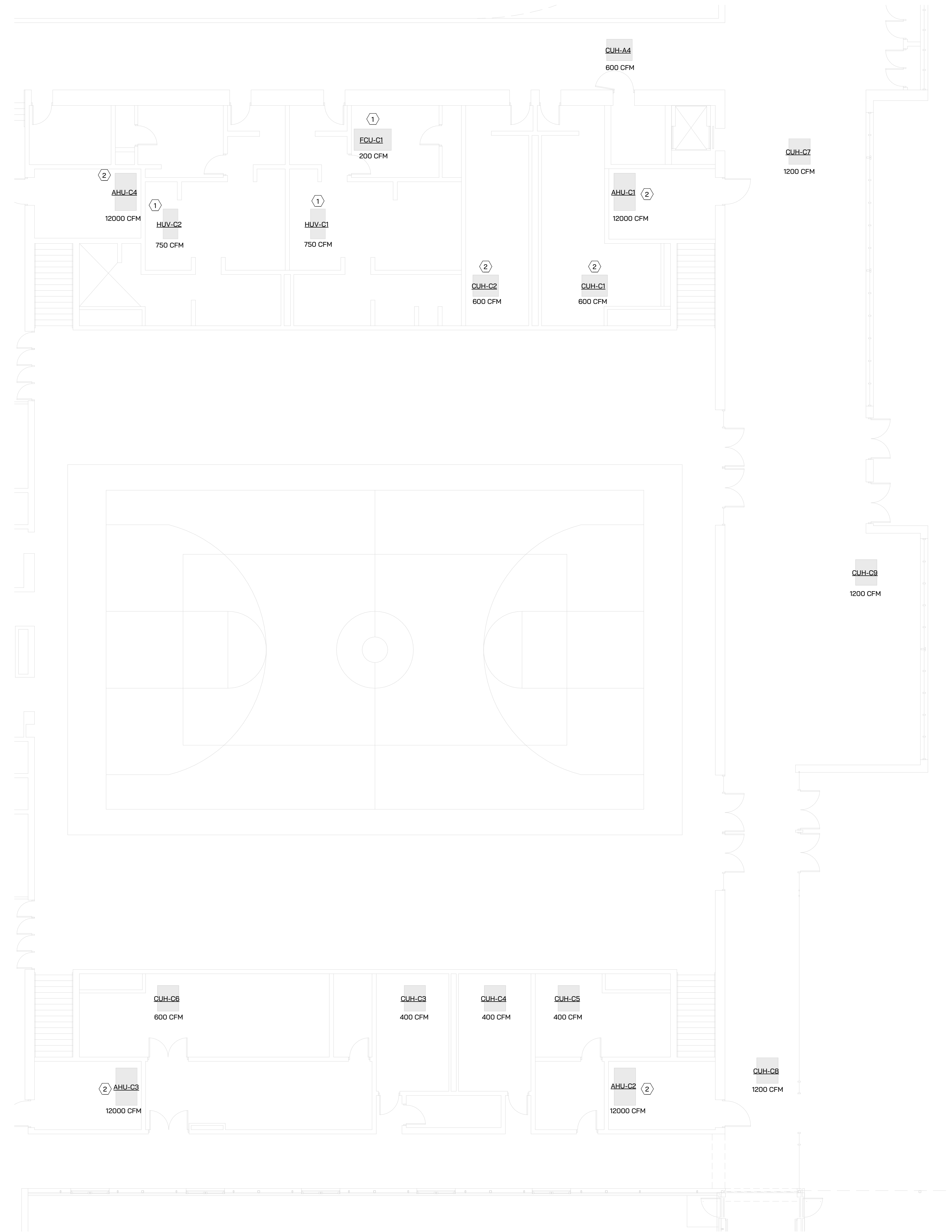


ST. JOSEPH HIGH SCHOOL - IAQ UPGRADES

**IGNYTE**  
MECHANICAL + ELECTRICAL DESIGN

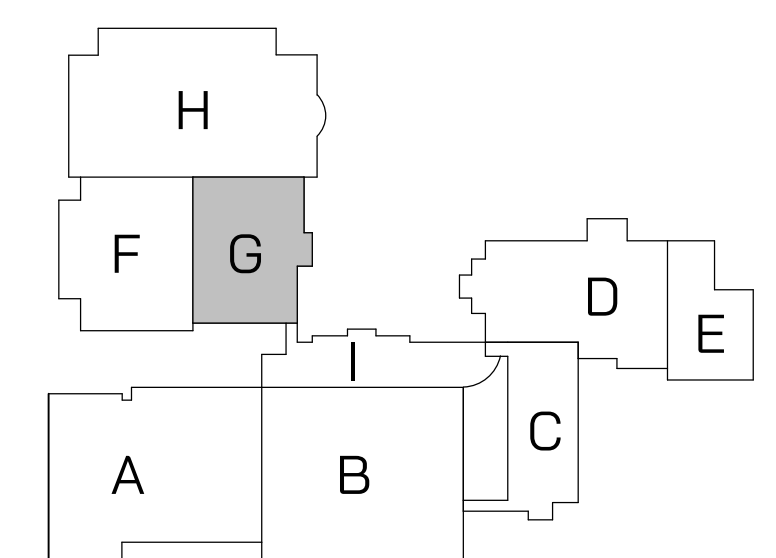
**SHEET METAL KEYED NOTES**

- 1 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS CI-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.
- 2 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS DM4B. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.
- 3 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS DM-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.

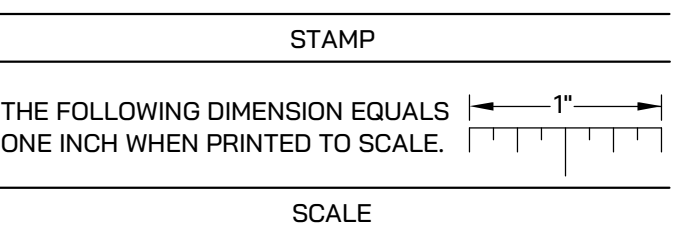


➔ FIRST FLOOR SHEET METAL PLAN - UNIT G  
1/8" = 1'-0"

**FLOOR KEY PLAN**



Project Status	4.18.2023
Issued For:	Date



Drawing Title:  
**FIRST FLOOR SHEET METAL PLAN - UNIT G**

Project Number

**M310G**



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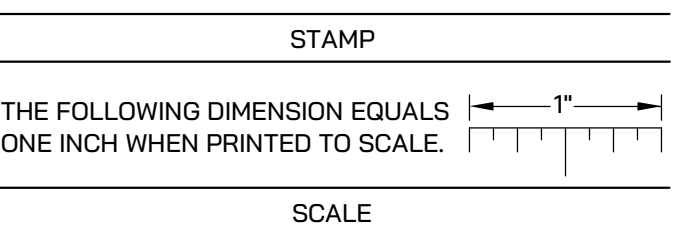
**IGNYTE**  
MECHANICAL + ELECTRICAL DESIGN

**SHEET METAL KEYED NOTES**

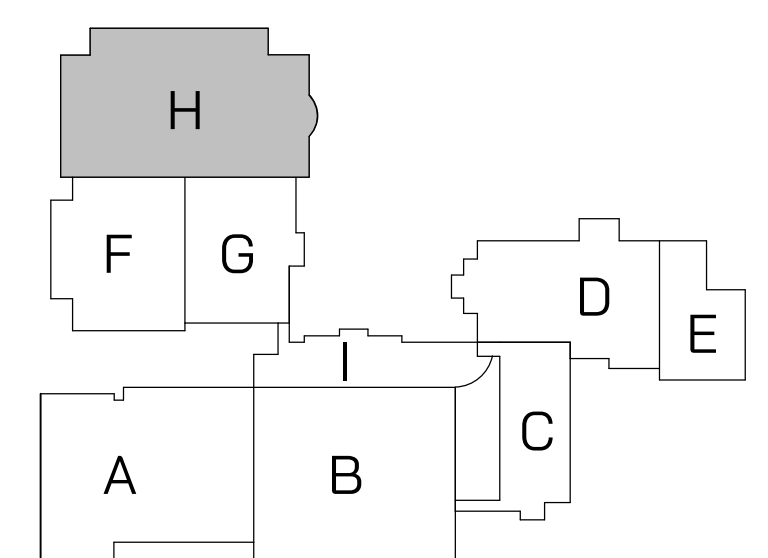
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Project Status	4.18.2023
Issued For:	Date



**FLOOR KEY PLAN**



➔ **FIRST FLOOR SHEET METAL PLAN - UNIT H**  
1/8" = 1'-0"

Drawing Title:

**FIRST FLOOR SHEET METAL PLAN - UNIT H**

Project Number

**M310H**



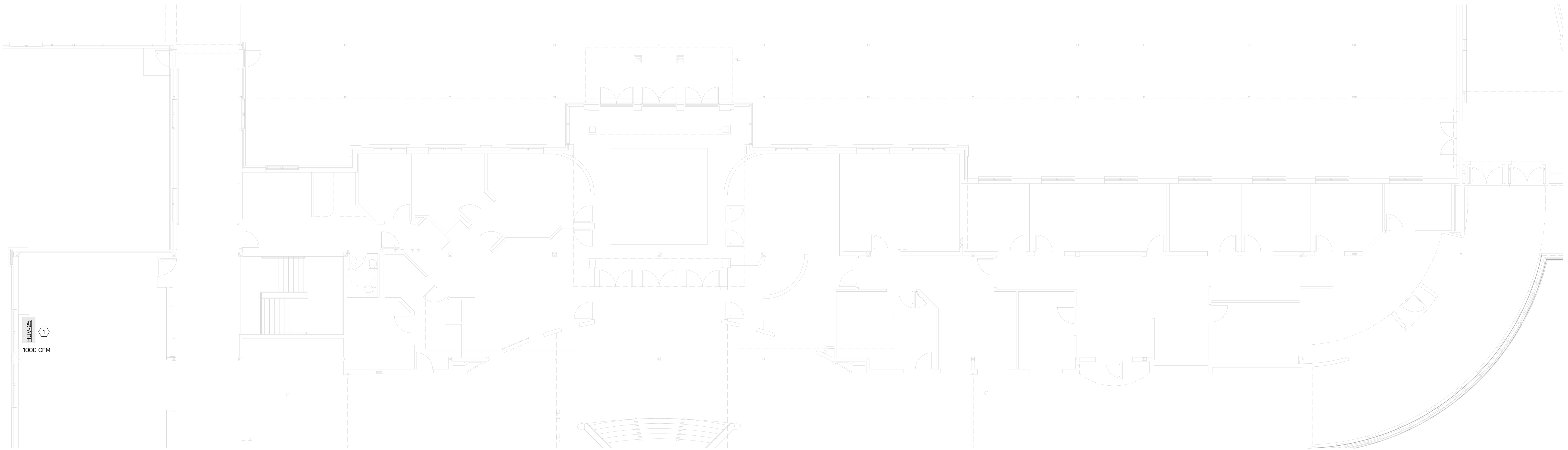
ST. JOSEPH HIGH SCHOOL - IAQ UPGRADES

**IGNYTE**  
MECHANICAL + ELECTRICAL DESIGN

**SHEET METAL KEYED NOTES**

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12000 CFM



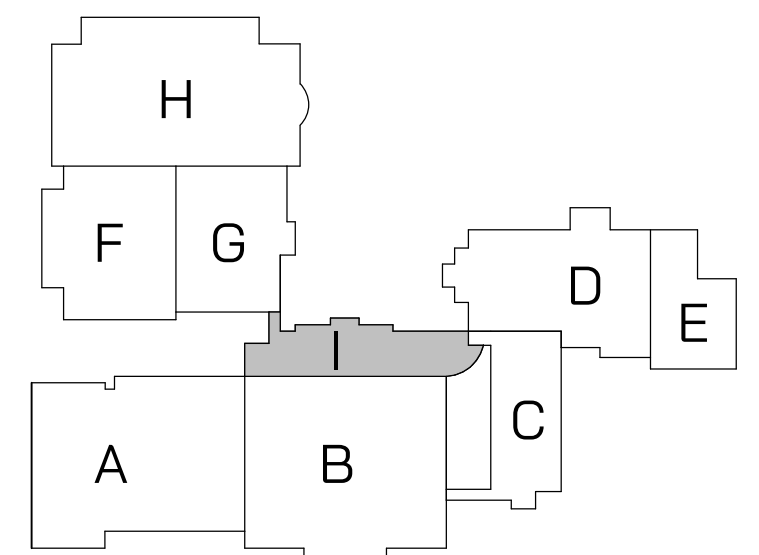
Project Status	4.18.2023
Issued For:	Date

STAMP

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE.

SCALE

**FLOOR KEY PLAN**



➔ **FIRST FLOOR SHEET METAL PLAN - UNIT I**  
1/8" = 1'-0"

Drawing Title:

**FIRST FLOOR SHEET METAL PLAN - UNIT I**

Project Number

**M310I**



ST. JOSEPH HIGH SCHOOL - IAQ UPGRADES

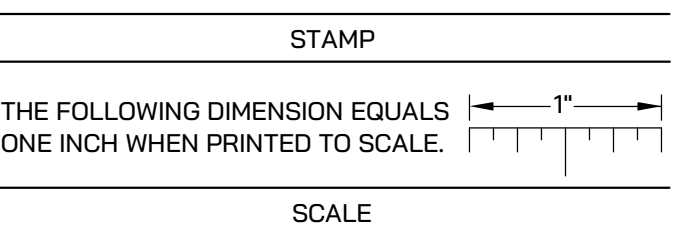


SHEET METAL KEYED NOTES

- 1 PROVIDE BIPOLAR IONIZATION FOR EXISTING UNIT, GPS CI-2. PROVIDE 24-VOLT FOR UNITS FROM NEAREST CONTROL POWER. PROVIDE ALL REQUIRED WIRING, CONDUIT AND ASSOCIATED EQUIPMENT.
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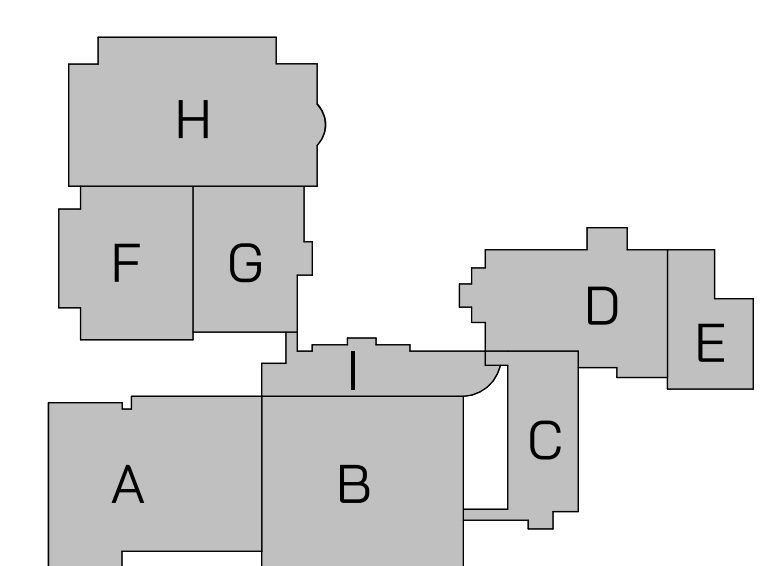
Project Status	4.18.2023
Issued For:	Date



STAMP

MECHANICAL ROOF PLAN  
1" = 30'-0"

FLOOR KEY PLAN



Drawing Title:

MECHANICAL ROOF PLAN

Project Number

M330



ST. JOSEPH HIGH SCHOOL - IAQ UPGRADES

**IGNYTE**  
MECHANICAL + ELECTRICAL DESIGN

# ST. JOSEPH HIGH SCHOOL - IAQ UPGRADES ST. JOSEPH PUBLIC SCHOOLS

2521 Stadium Dr, St Joseph, MI 49085

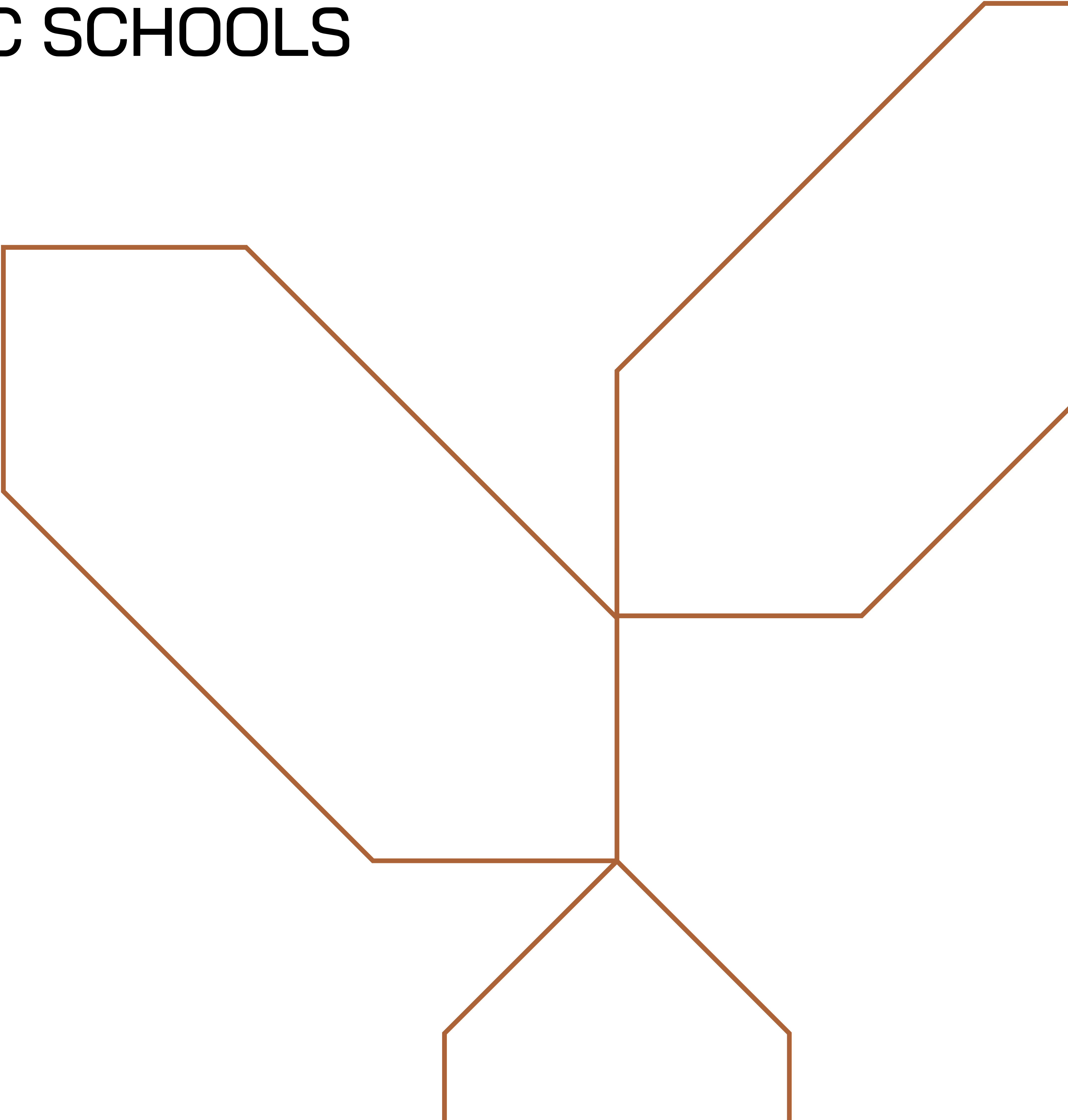
**MEP Engineer / Project Manager:**

IGNYTE DESIGN  
38 COMMERCE SW, SUITE 450  
GRAND RAPIDS, MI 49503

WWW.IGNYTE.DESIGN

**Applicable Codes:**

- 2015 MICHIGAN BUILDING CODE
- 2015 MICHIGAN MECHANICAL CODE
- 2018 MICHIGAN PLUMBING CODE
- 2015 MICHIGAN ENERGY CODE
- 2017 NATIONAL ELECTRIC CODE



Project Status	4.18.2023
Issued For:	Date

STAMP

THE FOLLOWING DIMENSION EQUALS ONE INCH WHEN PRINTED TO SCALE.

SCALE

Drawing Title:

COVER SHEET

Project Number

**G000**