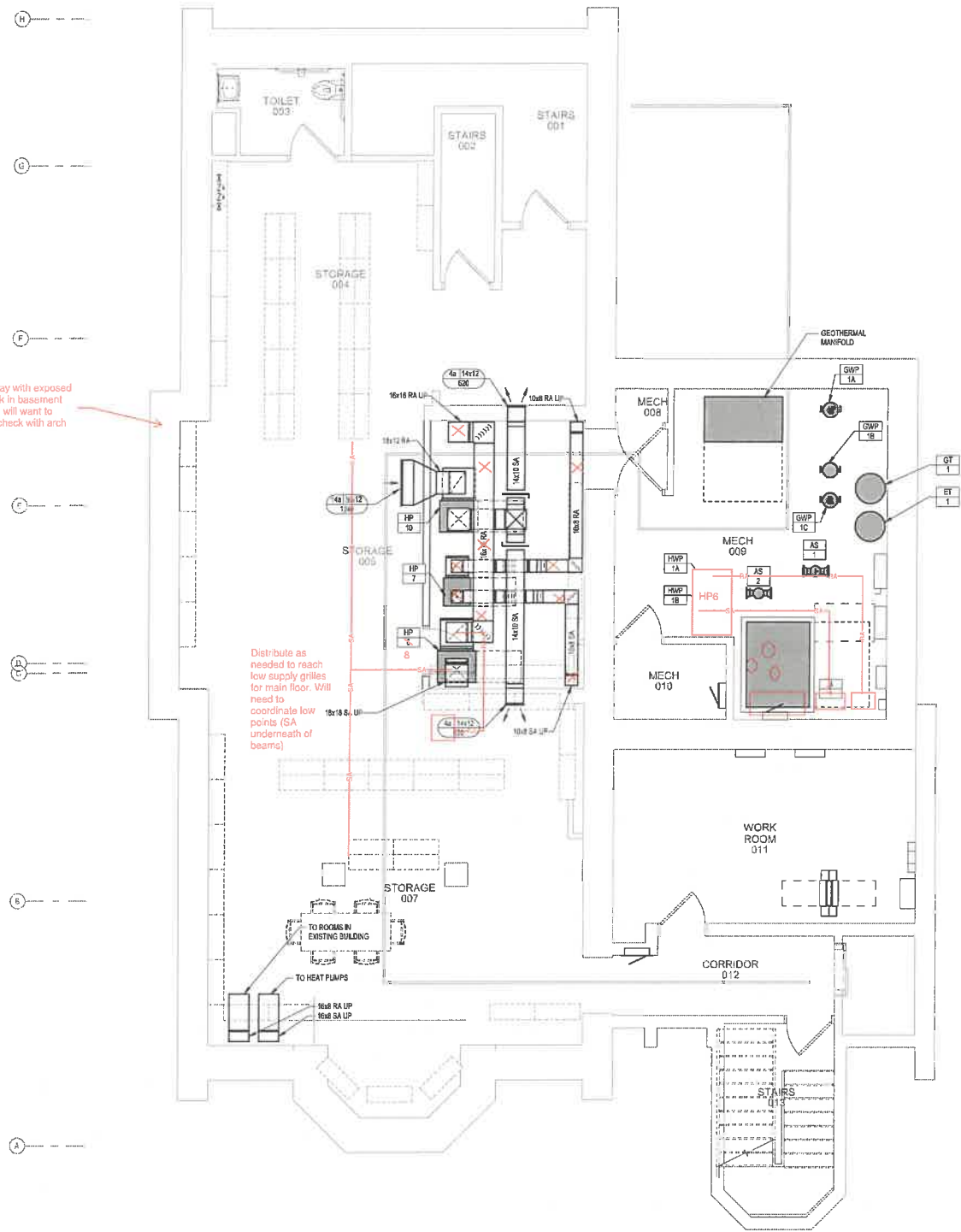


**1 BASEMENT FLOOR MECHANICAL DUCTWORK PLAN**  
SCALE: 1/4" = 1'-0"

I feel okay with exposed ductwork in basement storage, will want to double check with arch

Distribute as needed to reach low supply grilles for main floor. Will need to coordinate low points (SA underneath of beams)

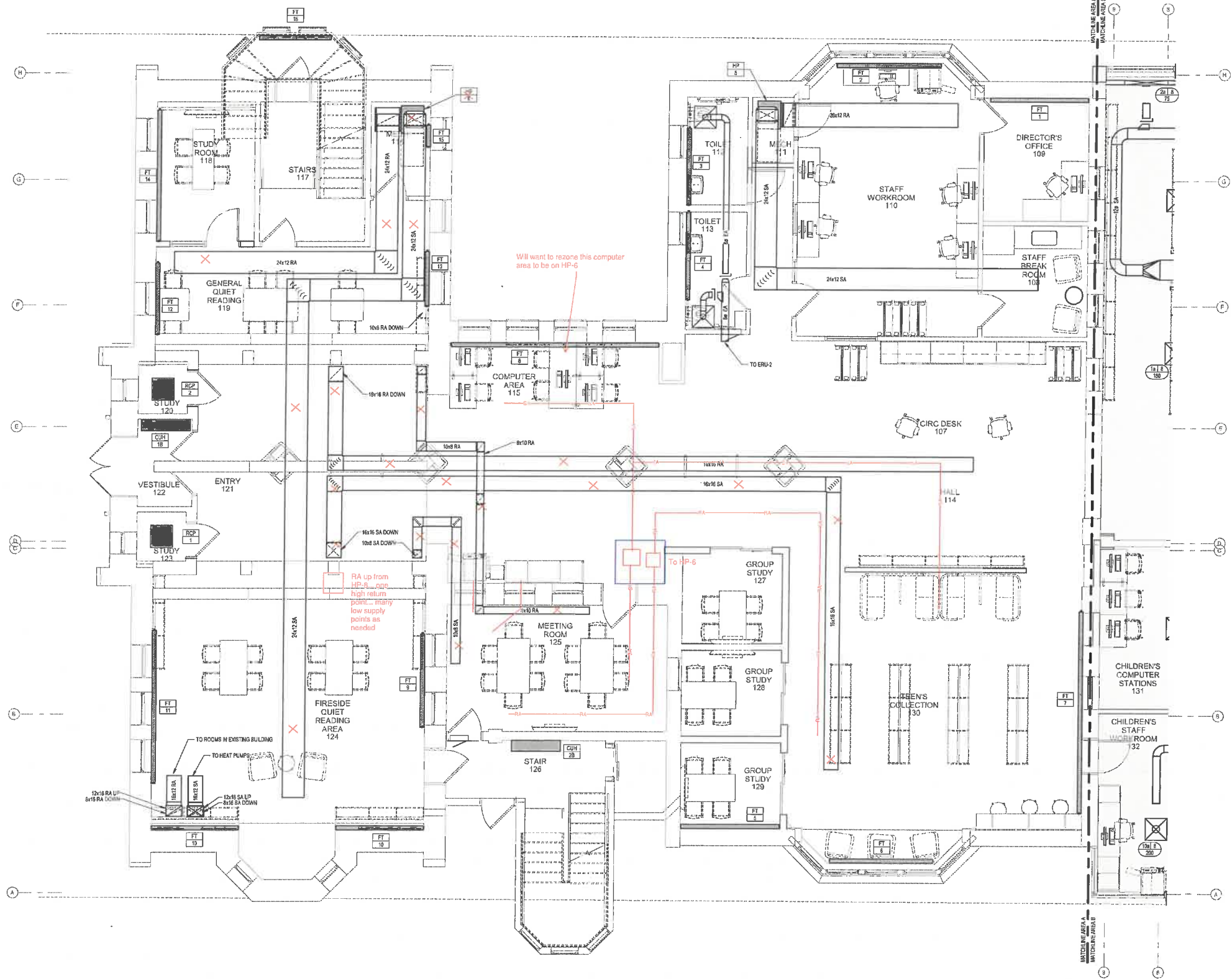


KEYED NOTES

**PRELIMINARY**  
NOT FOR CONSTRUCTION

 <b>FEH DESIGN</b> ARCHITECTURE / ENGINEERING / INTERIORS DES MOINES, IA (515) 288-2000 DUBUQUE, IA (563) 585-4900 MILWAUKEE, WI (414) 200-9660	
 <b>DESIGN ENGINEERS</b> BUILDING SYSTEM CONSULTANTS Des Moines, IA 50319-2676 Cedar Rapids, IA 52402-3876 318.841.1544 608.424.8315	
IN ASSOCIATION WITH <b>BASEMENT FLOOR MECHANICAL DUCTWORK PLAN</b>	
PROJECT TITLE: CITY OF LAKE MILLS <b>L.D. FARGO PUBLIC LIBRARY</b> 120 E MADISON ST. LAKE MILLS, WI 53551	
DATE ISSUED: 10/08/2023 ISSUED FOR: 100% CD REV. NO.: DATE	PROJECT NUMBER: <b>2019409</b>
SHEET: <b>M2.0</b>	

3D X 42" Autodesk Descr:LD Fargo Library Renovation - DE231300MEP - LD Fargo Library Renovation - DE231300\_R22.rvt 12/16/2025 2:23:52 PM



KEYED NOTES

**FEH DESIGN**  
ARCHITECTURE / ENGINEERING / INTERIORS  
DES MOINES, IA (515) 288-2000  
DUBUQUE, IA (515) 585-4800  
SIoux CITY, IA (712) 252-3888  
MILWAUKEE, WI (414) 200-8660

**DESIGN ENGINEERS**  
BUILDING SYSTEMS CONSULTANTS  
Cedar Rapids, IA 515 394-1344  
Des Moines, IA 515 297-2875  
Madison, WI 608 424 8315

IN ASSOCIATION WITH  
SHEET TITLE  
MAIN FLOOR MECHANICAL DUCTWORK PLAN  
- AREA A

PROJECT TITLE  
CITY OF LAKE MILLS  
L.D. FARGO PUBLIC LIBRARY

120 E MADISON ST.  
LAKE MILLS, WI 53551

DATE ISSUED 10/06/2025  
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PROJECT NUMBER  
2019409

SHEET  
M2.1A

**GRILLE AND DIFFUSER KEY**

GRILLE OR DIFFUSER PLAN MARK

COORDINATE GRILLE DIFFUSERS WITH ARCHITECTURAL REFLECTED CEILING PLAN

RETURN GRILLE TAGS INDICATE DESIGN RETURN AIRFLOW DIRECTION. OCCUPY OPERATIONS FOR ALL RETURN GRILLES AND DUCTWORK ARE SIZED FOR 100% OF SUPPLY AIRFLOW.

**DUCTWORK HATCHING KEY**

GALVANIZED

EXPOSED ROUND SPIRAL DUCT WITH PAINT GRIP AND JOINT LINER

Refer to Specifications

**NEW WORK KEY**

EXISTING

NEW / REVISED

EXISTING EQUIPMENT

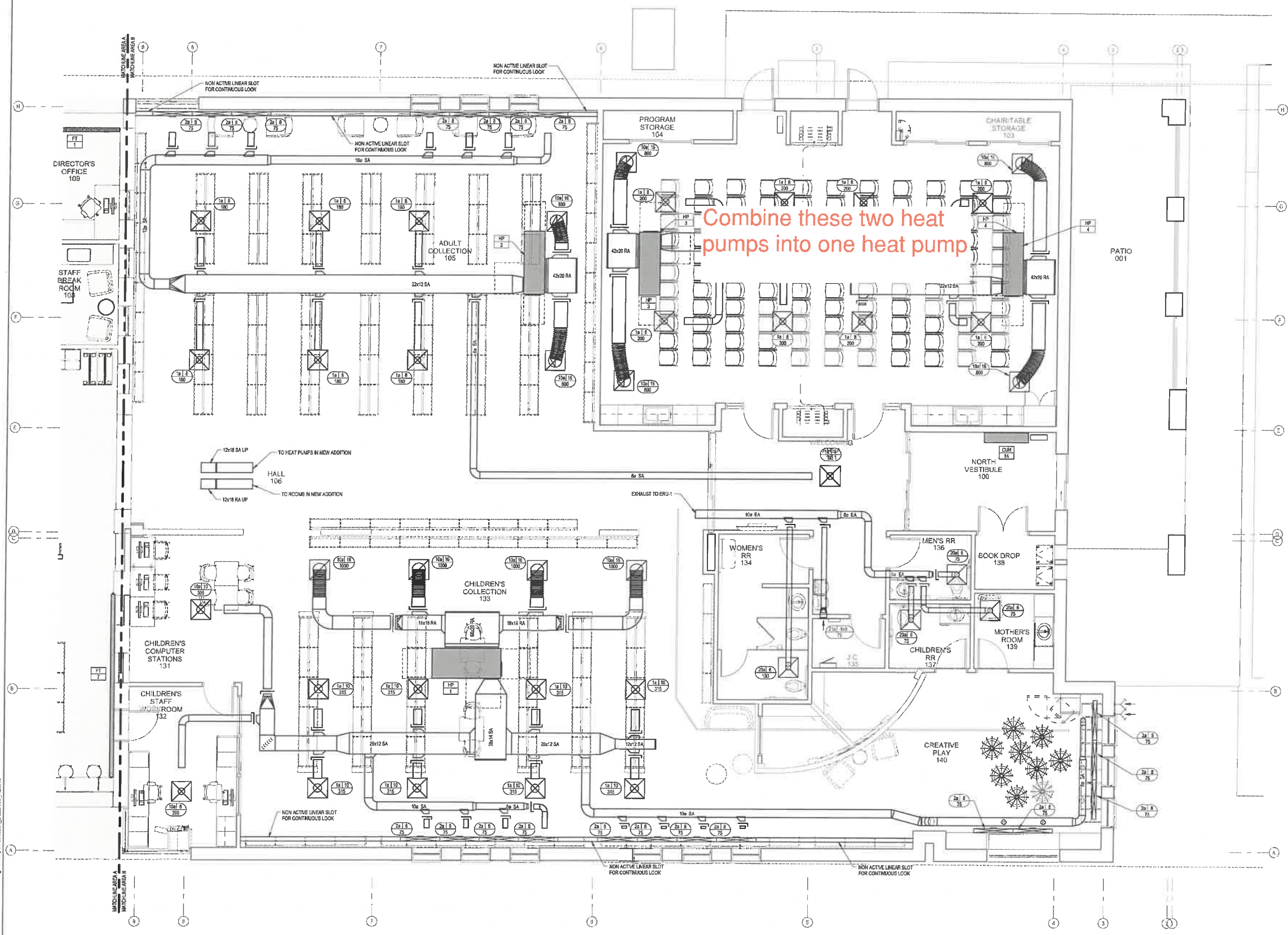
NEW / REVISED EQUIPMENT

**PRELIMINARY**  
NOT FOR CONSTRUCTION

1 MAIN FLOOR MECHANICAL DUCTWORK PLAN - AREA A  
SCALE: 1/4" = 1'-0"

30" X 42" Autodesk Descr:LD Fargo Library Renovation - DE231331WSEP - LD Fargo Library Renovation - DE231331W SEP 2022.rvt 12/16/2025 2:23:55 PM

KEYED NOTES



Combine these two heat pumps into one heat pump

**GRILLE AND DIFFUSER KEY**

GRILLE OR DIFFUSER PLAN MARK: DIFFUSER NECK SIZE: CFS1\*

\*COORDINATE GRILLE/DIFFUSER WITH ARCHITECTURAL REFLECTED CEILING PLAN

RETURN GRILLE TAGS INDICATE DESIGN RETURN AIR FLOW DIRECTION OCCUPY OPERATOR BUT ALL RETURN GRILLES AND DUCTWORK ARE SIZED FOR 100% OF SUPPLY AIR FLOW.

**DUCTWORK HATCHING KEY**

GALVANIZED

EXPOSED ROUND SPIRAL DUCT WITH PINK GRIP AND DUCT LINER

Refer to Specifications

**NEW WORK KEY**

EXISTING

NEW / REVISED

EXISTING EQUIPMENT

NEW / FRESHENED EQUIPMENT

1 MAIN FLOOR MECHANICAL DUCTWORK PLAN - AREA B  
SCALE: 1/4" = 1'-0"

**PRELIMINARY**  
NOT FOR CONSTRUCTION

PROJECT TITLE: CITY OF LAKE MILLS  
L.D. FARGO PUBLIC LIBRARY  
120 E MADISON ST.  
LAKE MILLS, WI. 53551

PROJECT NUMBER: 2019409  
SHEET: M2.1B

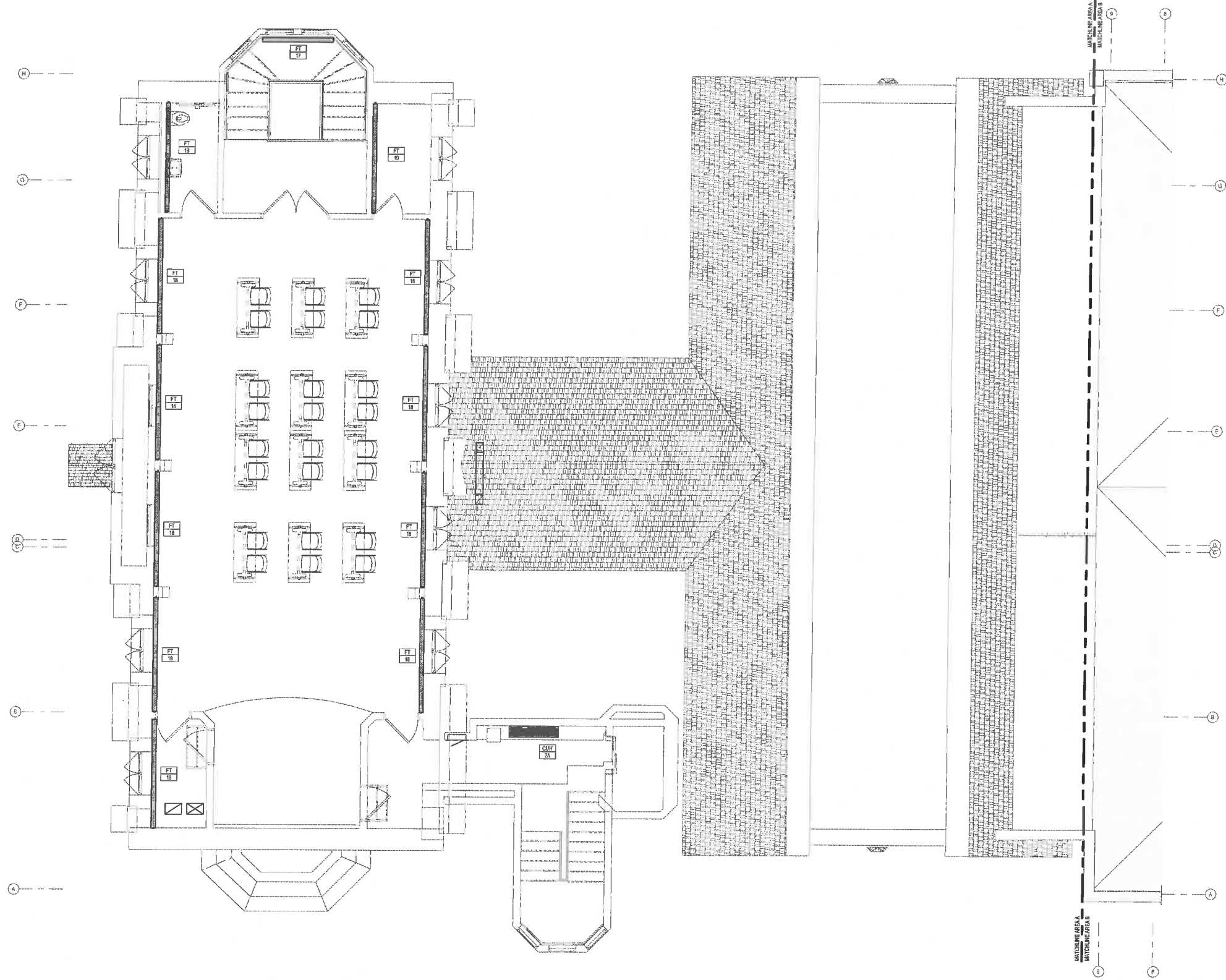
DATE ISSUED: 10/08/2025  
ISSUED FOR: 100% DD  
REV. NO.: DATE

FEH DESIGN  
ARCHITECTURE / ENGINEERING / INTERIORS  
DES MOINES, IA  
DUBUQUE, IA  
SIoux CITY, IA  
(515) 288-2000  
(563) 593-4800  
(712) 252-3888  
(712) 252-3888

DESIGN ENGINEERS  
BUILDING SYSTEMS CONSULTANTS  
Des Moines, IA  
Cedar Rapids, IA  
319.841.3544  
515.207.8676  
563.424.8815



IN ASSOCIATION WITH:

1 UPPER FLOOR MECHANICAL DUCTWORK PLAN - AREA A  
SCALE: 1/4" = 1'-0"



KEYED NOTES

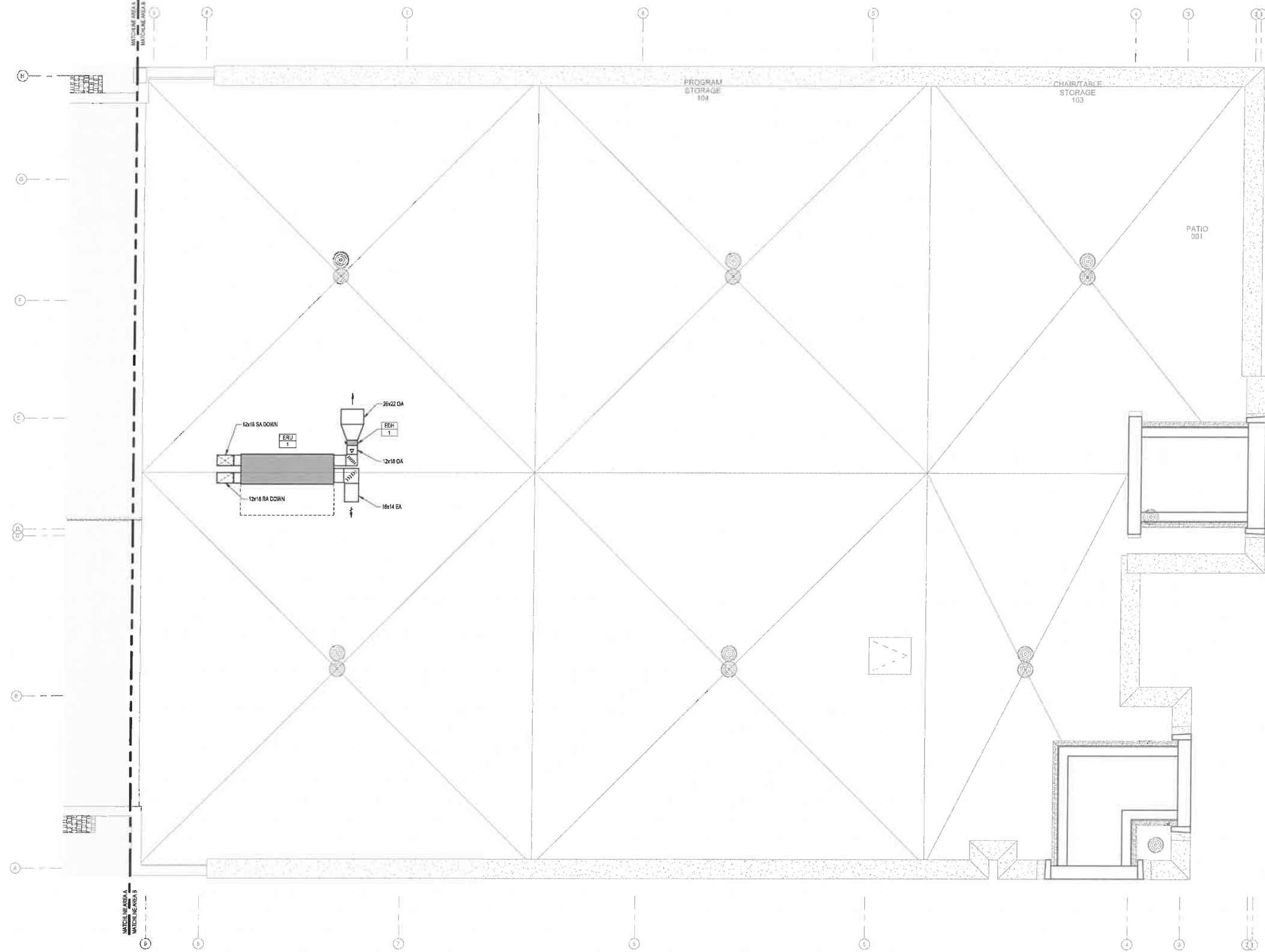
**PRELIMINARY**  
NOT FOR CONSTRUCTION

 <b>FEH DESIGN</b> ARCHITECTURE / ENGINEERING / INTERIORS DES MOINES, IA (515) 286-2000 DUBLUQUE, IA (683) 563-9600 MILWAUKEE, WI (414) 290-9880	 <b>DESIGN ENGINEERS</b> BUILDING SYSTEMS CONSULTANTS Cedar Rapids, IA 513 941.1844 Des Moines, IA 515.207.6876 Madison, WI 608.424.8815	PROJECT TITLE <b>CITY OF LAKE MILLS</b> <b>L.D. FARGO PUBLIC LIBRARY</b> 120 E MADISON ST. LAKE MILLS, WI. 53551	SHEET TITLE <b>UPPER FLOOR MECHANICAL DUCTWORK</b> <b>PLAN - AREA A</b>
		PROJECT NUMBER <b>2019409</b>	DATE ISSUED 10/08/2025 ISSUED FOR 100% DD REV. NO. DATE

SHEET  
**M2.2**



30" X 42" Autodesk Desc2D Fargo Library Renovation - DE23100MEP - LD Fargo Library Renovation - DE23100\_R023.rvt  
 12/16/2025 2:23:58 PM



KEYED NOTES

**GRILLE AND DIFFUSER KEY**

GRILLE OR DIFFUSER PLAN MARK:  $\frac{14 \times 14}{SD}$  DIFFUSER NECK SIZE:  $\frac{14 \times 14}{SD}$

COORDINATE GRILLE AND DIFFUSER WITH ARCHITECTURAL REFLECTED CEILING PLAN

\*RETURN GRILLE TAGS INDICATE DESIGN RETURN AIRFLOW DURING OCCUPY OPERATIONS. ALL RETURN GRILLES AND DUCTWORK ARE SIZED FOR 100% OF SUPPLY AIRFLOW.

**DUCTWORK HATCHING KEY**

GALVANIZED  
 EXPOSED ROUND SPIRAL DUCT WITH FIBER GLASS INSULATION AND DUCT LINER  
 Refer to Specifications

**NEW WORK KEY**

EXISTING  
 NEW / REVISED  
 EXISTING EQUIPMENT  
 NEW / REVISED EQUIPMENT

**1 ROOF MECHANICAL DUCTWORK PLAN - AREA B**  
 SCALE: 1/4" = 1'-0"

**FEH DESIGN**  
 ARCHITECTURE / ENGINEERING / INTERIORS  
 MILWAUKEE, WI (414) 200-9950  
 DUBLUQUE, IA (563) 653-4600  
 DES MOINES, IA (515) 288-2000  
 SIOUX CITY, IA (712) 252-3859

**DESIGN ENGINEERS**  
 BUILDING SYSTEMS CONSULTANTS  
 Madison, WI 608.424.8215  
 Des Moines, IA 515.257.4616  
 Cedar Rapids, IA 319.643.1994

IN ASSOCIATION WITH

**DESIGN ENGINEERS**  
 BUILDING SYSTEMS CONSULTANTS  
 Madison, WI 608.424.8215  
 Des Moines, IA 515.257.4616  
 Cedar Rapids, IA 319.643.1994

SHEET TITLE: **ROOF MECHANICAL DUCTWORK PLAN - AREA B**

PROJECT TITLE: **CITY OF LAKE MILLS L.D. FARGO PUBLIC LIBRARY**  
 120 E MADISON ST.  
 LAKE MILLS, WI. 53551

DATE ISSUED: 10/08/2025  
 ISSUED FOR: 100% DD  
 REV. NO. DATE

PROJECT NUMBER: **2019409**

SHEET: **M2.3B**

**PRELIMINARY**  
 NOT FOR CONSTRUCTION