BAR IS ONE INCH ON OFFICIAL DRAWINGS. 0 1" IF NOT ONE INCH, ADJUST SCALE ACCORDINGLY.

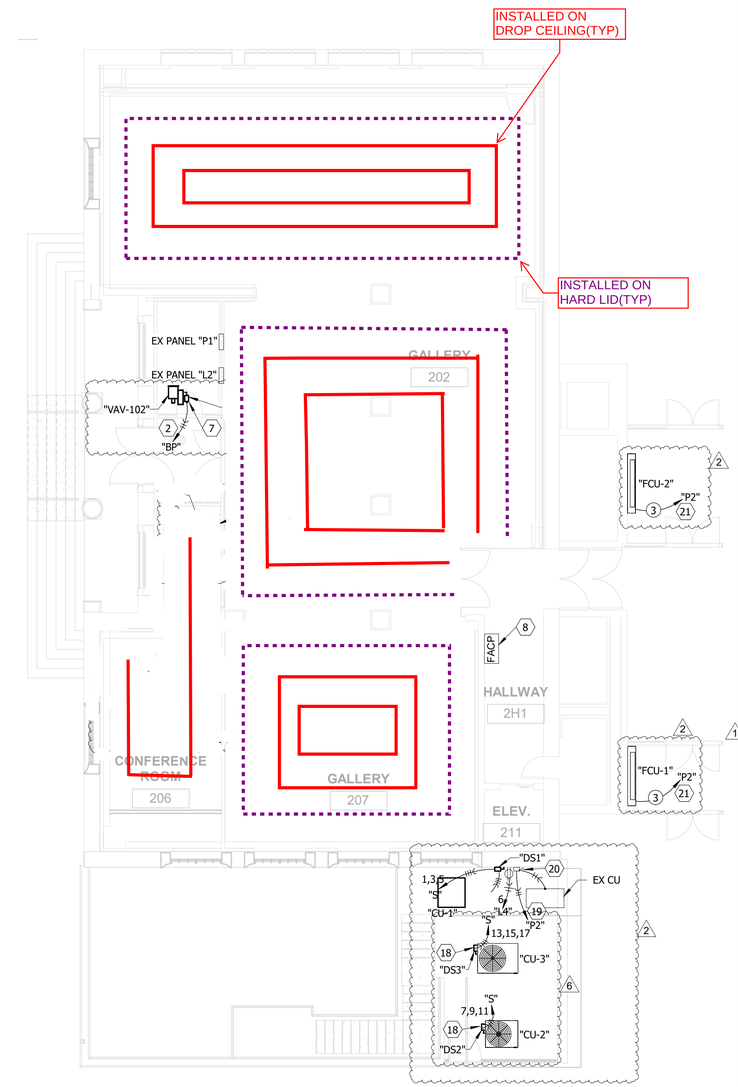
REFERENCE NOTES:

2

18. MOUNT DISCONNECT TO CONDENSING UNIT. COORDINATE EXACT MOUNTING LOCATION WITH M/C. PROVIDE LFMC CONNECTION TO CONDENSING UNIT.
19. ROUTE CONDUIT AND WIRE TO EXISTING PANEL P2 AND CONNECT TO EXISTING 20A2P CIRCUIT BREAKER.
20. INSTALL RELOCATED DISCONNECT SWITCH. PROVIDE LFMC CONNECTION TO CONDENSING UNIT.
21. PROVIDE NEW 25A2P CIRCUIT BREAKER IN EXISTING PANEL P2. REARRANGE EXISTING OR REMOVE UNUSED CIRCUIT BREAKERS AS REQUIRED.

REFERENCE NOTES:

1. PROVIDE NEW 25A3P CIRCUIT BREAKER IN EXISTING PANEL BP.
2. PROVIDE NEW 20A2P CIRCUIT BREAKER IN EXISTING PANEL BP.
3. CONNECT TO EXISTING 20A3P CIRCUIT BREAKER IN EXISTING PANEL BP.
4. CONNECT TO EXISTING 30A3P CIRCUIT BREAKER IN EXISTING PANEL BP.
5. COORDINATE LIGHTING FIXTURE MOUNTING LOCATION AND HEIGHT WITH MECHANCIAL PIPING AND DUCTWORK.
6. COORDINATE LOCATION OF RECEPTACLE WITH M/C FOR CONNECTION OF WATER SOFTENER SYSTEM POWER SUPPLY.
7. MOUNT DISCONNECT TO VAV BOX IN ACCESSIBLE LOCATION. COORDINATE MOUNTING LOCATION WITH M/C.
8. EXISTING SIMPLEX 4100U FACP TO REMAIN. E/C TO PROVIDE ALL REQUIRED ACCESSORIES FOR CONNECTION OF ADDITIONAL FIRE ALARM DEVICES.
9. CONNECT TO EXISTING F/S DAMPER CIRCUIT.
10. PROVIDE SMOKE DETECTOR ADJACENT TO TRANSFER DUCT OPENING NEAR FACE OF GRILLE. INTERCONNECT TO CLOSE DAMPER UPON ACTIVATION OF SMOKE DETECTOR. PROVIDE WIRE IN CONDUIT AS REQUIRED.
11. PROVIDE CONTROL RELAY FOR SMOKE DAMPER ACTUATION.
12. MOUNT DUCT SMOKE DETECTOR IN AHU RETURN AIR DUCT AND PROVIDE FAN SHUTDOWN RELAY. PROVIDE WIRING IN CONDUIT AS REQUIRED. COORDINATE INSTALLATION WITH M/C.
13. CONNECT TO AHU MAINTENANCE LIGHTING FIXTURE. COORDINATE EXACT CONNECTION LOCATION WITH M/C.
14. RELOCATE PULL STATION TO LOCATION SHOWN. EXTEND FIRE ALARM CONDUIT AND WIRE TO NEW LOCATION. MATCH EXISTING WIRE TYPE, QUANTITY, AND SIZE. MOUNT PULL STATION BETWEEN 3'-6" TO 4'-0" AFF TO TOP OF HANDLE.
15. PROVIDE NEW FIRE ALARM HORN/STROBE MATCHING EXISTING SYSTEM MANUFACTURER. PROVIDE WIRE AND CONDUIT AND CONNECT TO NEAREST EXISTING NOTIFICATION CIRCUIT. MOUNT HORN/STROBE BETWEEN 6'-8" AND 7'-8" AFF TO CENTER OF LENS.
16. EXISTING FIRE ALARM HORN/STROBE TO REMAIN.
17. EXISTING TRANE CONTROL PANEL RELOCATED BY M/C. COORDINATE ELECTRICAL CONNECTION REQUIREMENTS WITH M/C.



FIRST FLOOR POWER IMPROVEMENT PLAN

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

GENERAL NOTES:

1. PROVIDE UPDATED TYPE-WRITTEN PANELBOARD CIRCUIT DIRECTORIES FOR EACH PANELBOARD MODIFIED DURING CONSTRUCTION.
2. REMOVE AND REINSTALL LIGHTING FIXTURES AND LIGHTING TRACK AS REQUIRED FOR MECHANICAL SYSTEMS INSTALLATION. EXISTING LIGHTING CONTROLS TO REMAIN.
3. REMOVE AND REINSTALL FIRE ALARM DEVICES AS REQUIRED FOR MECHANICAL SYSTEMS INSTALLATION.
4. COORDINATE MECHANICAL EQUIPMENT ELECTRICAL WIRING AND CONNECTION REQUIREMENTS WITH M/C.
5. PROVIDE FIRE ALARM SHOP DRAWINGS FOR FIRE ALARM SYSTEM ALTERATIONS AND SUBMIT TO CITY OF TOPEKA DEVELOPEMENT SERVICES. SHOP DRAWINGS SHALL BE DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 72, 2019 AND BE SIGNED/SEALED BY LICENSED PROFESSIONAL ENGINEER, FIRE PROTECTION ENGINEER, OR NICET LEVEL III OR IV CERTIFIED INDIVIDUAL.

FEEDER SCHEDULE:

1. 3-10 & 1-10G IN 3/4"C
2. 3-8 & 1-10G IN 3/4"C
3. 2-10 & 1-10G IN 3/4"C 2

#	DATE	DESCRIPTION	BY
1	06/05/2023	FIRE PLAN REVIEW	NSW
2	09/22/2023	ASI #1	NSW
6	02/22/2024	ASI #6	

Bartlett&West
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www.bartlettwest.com

BASEMENT & FIRST FLOOR POWER IMPROVEMENT PLAN

WASHBURN UNIVERSITY
MULVANE ART MUSEUM HVAC IMPROVEMENTS
1700 SW JEWELL AVE, TOPEKA, KS 66621

DESIGNED BY:	RAS
DRAWN BY:	RAS
APPROVED BY:	WJN
DESIGN PROJ:	17527.173
CONST:	----
SCALE:	AS NOTED
DATE:	09/22/2023
DRAWING NO:	E-101
SHEET NO:	32 of 34

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