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SCOTTSDALE, ARIZONA 85255

PROJECT NAME:
KSK 01

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	Review	04/12/2023
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PROJECT NUMBER	
DATE	07/25/2023
DRAWN BY	KML
CHECKED BY	MKC

SHEET NAME
MECHANICAL PLAN

SHEET #
M2.0

MECHANICAL KEY NOTES

- 1 EXISTING ROOFTOP UNIT & ASSOCIATED DUCTWORK TO REMAIN. VERIFY EXACT LOCATION OF EQUIPMENT & DUCT IN FIELD PRIOR TO BID.
- 2 RELOCATE EXISTING CEILING TEMPERATURE SENSOR. VERIFY OPERATION OF ALL CONTROLS AND REPLACE IF REQUIRED.
- 3 COORDINATE WITH ELECTRICAL CONTRACTOR AND INSTALL SALES AREA CEILING FANS. REFER TO ARCHITECTURAL PLANS AND DETAILS.
- 4 EXISTING AIR DEVICE TO REMAIN.
- 5 CONNECT NEW EXHAUST FANS INTO EXISTING EXHAUST DUCT. REWORK FLEX DUCT AS/IF REQUIRED. VERIFY LOCATION IN FIELD PRIOR TO BID.
- 6 NOT USED.
- 7 CLEAN AND REINSTALL SALVAGED AIR DEVICE IN NEW CEILING GRID AS/IF REQUIRED. REWORK FLEX DUCT AS/IF REQUIRED TO RECONNECT TO AIR DEVICE. VERIFY LOCATION IN FIELD PRIOR TO BID.

GENERAL NOTES

- A. CONTRACTORS AND SUB-CONTRACTORS SHALL CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS. INFORMATION REGARDING THE COMPLETE WORK IS DISPERSED THROUGHOUT THE DOCUMENT SET AND CANNOT BE ACCURATELY DETERMINED WITHOUT REFERENCE TO THE COMPLETE DOCUMENT SET.
- B. COORDINATE WITH THE WORK OF OTHER SECTIONS, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND WITH THE CONSTRAINTS OF THE EXISTING CONDITIONS OF THE PROJECT SITE. PROVIDE DUCT RISES AND DROPS AS REQUIRED FOR FIELD INSTALLATION AND TRADE COORDINATION. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING WORK.
- C. DRAWINGS FOR HVAC WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWINGS SHALL NOT BE SCALED FOR EXACT MEASUREMENT. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK, CONNECTIONS, ACCESSORIES, OFFSETS, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.
- D. ALL WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE GOVERNING CITY. PURCHASE ALL PERMITS ASSOCIATED WITH THE WORK. OBTAIN ALL INSPECTIONS REQUIRED BY CODE.
- E. PROVIDE TURNING VANES IN ALL SQUARE (90 DEGREE) ELBOWS.

THERMOSTAT PROGRAMMING

PROGRAM SHOWROOM AND OFFICE THERMOSTATS AS FOLLOWS:

COOLING
MONDAY THROUGH SATURDAY 5:30 AM TO 7:00 PM = 72°F.
(SETBACK TO 82°F OTHERWISE).

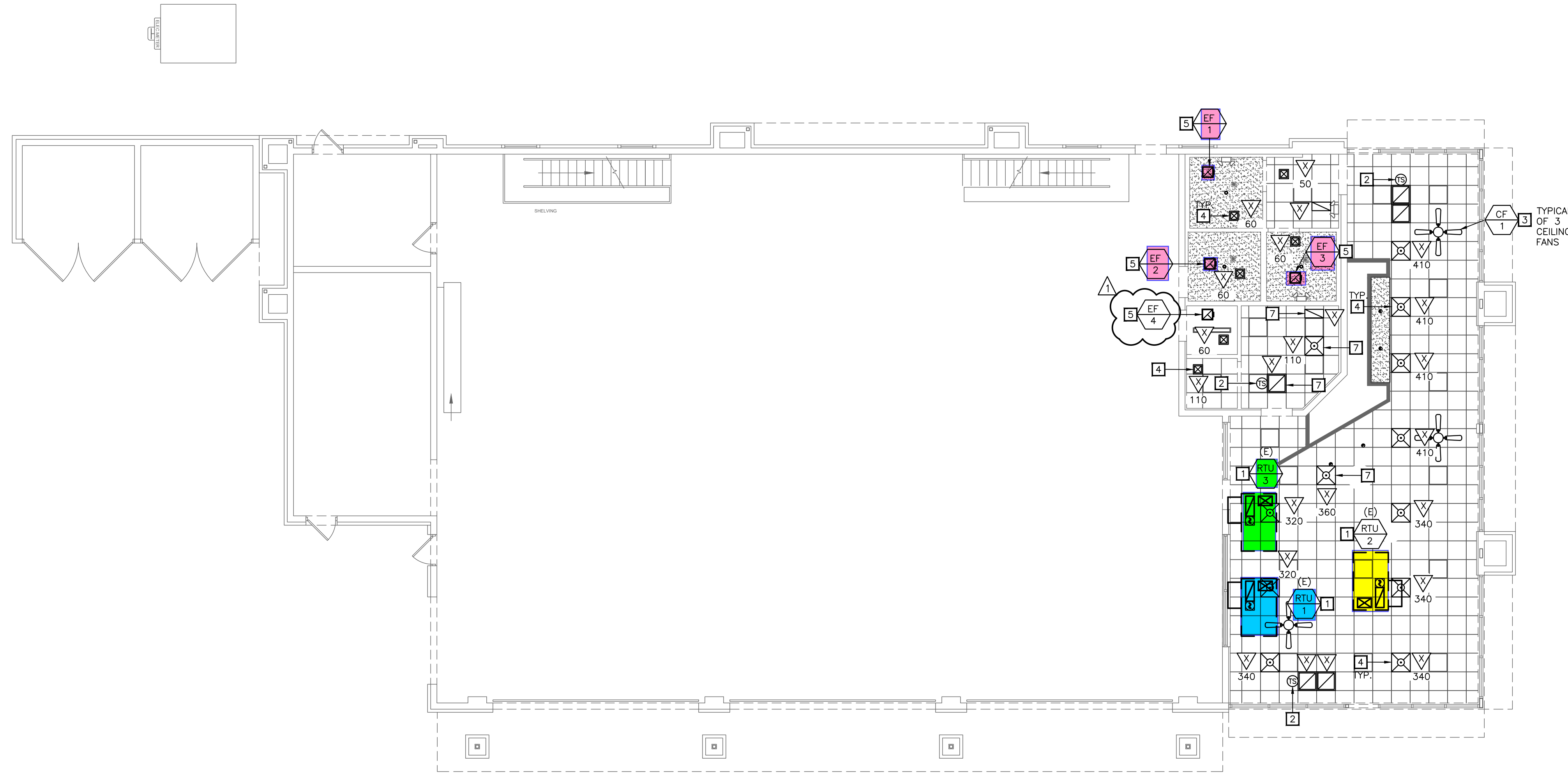
HEATING
MONDAY THROUGH SATURDAY 5:30 AM TO 7:00 PM = 67°F.
(SETBACK TO 57°F OTHERWISE).

OWNER FURNISHED EQUIPMENT

THE FOLLOWING HVAC COMPONENTS SHALL BE FURNISHED BY OWNER, AND INSTALLED BY THE MECHANICAL CONTRACTOR. CONTRACTOR SHALL PROVIDE ONE YEAR LABOR WARRANTY ON ALL OWNER FURNISHED EQUIPMENT:

- ALL EXHAUST AND VENTILATION FANS
- ALL PROGRAMMABLE THERMOSTATS AND REMOTE SENSORS
- ALL SUPPLY AND CEILING FANS (HVL'S FANS INSTALLED BY OTHERS)

THE OWNER SHALL FURNISH ALL ACCESSORIES LISTED IN THE EQUIPMENT SCHEDULES. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ACCESSORIES, MOUNTING HARDWARE, AND OTHER APPURTENANCES REQUIRED FOR INSTALLATION AND NOT LISTED IN THE SCHEDULES.



01 FIRST FLOOR MECHANICAL PLAN
1/8" = 1'-0"
NORTH
TRUE

whs
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