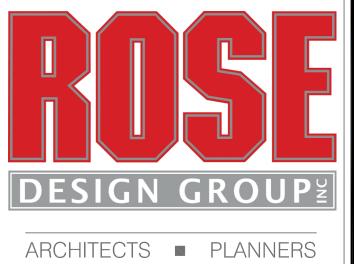


PLAN NOTES

I, CHRISTOPHER R. BELL. AIA. REGISTERED ARCHITECT AND A REPRESENTATIVE OF ROSE DESIGN GROUP, INC., DO HEREBY ACCEPT PROFESSIONAL RESPONSIBILITY AS REQUIRED BY THE PROFESSIONAL FOR THE ARCHITECTURAL DESIGN DRAWINGS CONSISTING OF SHEETS A-0 THRU A-10. I HEREBY DISCLAIM RESPONSIBILITY FOR ALL OTHER DRAWINGS IN THE CONSTRUCTION DOCUMENT PACKAGE, THEY BEING THE RESPONSIBILITY OF OTHER DESIGN PROFESSIONALS WHOSE SEALS AND SIGNED STATEMENTS MAY APPEAR ELSEWHERE IN THE CONSTRUCTION DOCUMENT PACKAGE.

Christopher R. Beil

CHRISTOPHER R. BELL - ARCHITECT MO# A-6275



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AUTHORITY # A-83

PROPOSED BODY SHOP BUILDING FOR CRASH CHAMPIONS 451 SE OLDHAM PARKWAY UNIT G

LEE'S SUMMIT.MISSOURI

NO. DESCRIPTION DATE

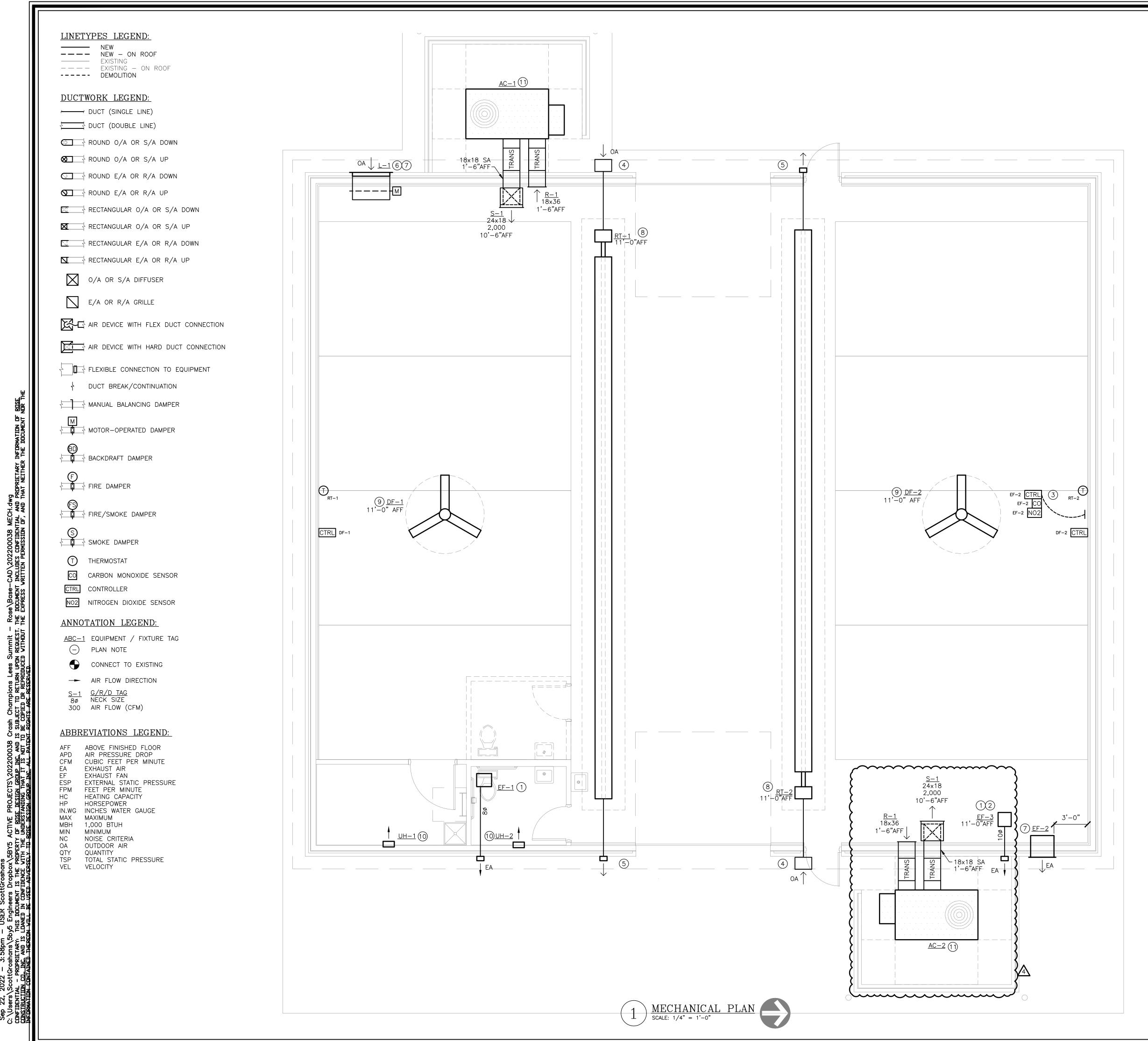
ADD A/C 09-15-22

PROJECT NUMBER 22009
DATE ISSUED: 06 / 14 / 22

SHEET NUMBER

A3.0

WALL SECTIONS



— <u>MECHANICAL PLAN NOTES:</u>

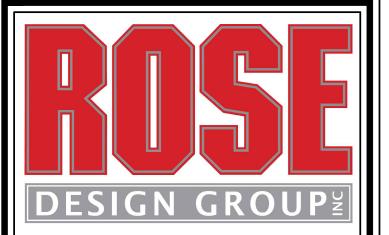
- 1. ROUTE EXHAUST DUCT OF SIZE INDICATED ON PLAN FROM EXHAUST FAN THROUGH WALL AS SHOWN. PROVIDE WALL PENETRATION AND VENT CAP PER MANUFACTURER'S RECOMMENDATIONS. LOCATE DISCHARGE AT MINIMUM OF 10'-0" FROM ANY BUILDING OPENINGS OR OUTDOOR AIR
- 2. SUSPEND INLINE EXHAUST FAN FROM STRUCTURE. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 3. PROVIDE CARBON MONOXIDE / NITROGEN DIOXIDE DETECTION SYSTEM, MONOXIVENT MODEL # FDS-SA-CO-NO OR EQUAL, WITH CONTRÖLLER AND QUANTITY OR SENSORS AS RECOMMENDED BY THE MANUFACTURER. COORDINATE POWER REQUIREMENTS WITH ELECTRICAL CONTRACTOR.
- 4. PROVIDE 4Ø COMBUSTION AIR INTAKE THROUGH WALL. TERMINATE WITH KIT FURNISHED WITH TUBE HEATER. REFER TO TUBE HEATER MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR INTAKE MATERIAL REQUIREMENTS.
- 5. PROVIDE 40 COMBUSTION AIR EXHAUST THROUGH WALL. TERMINATE WITH KIT FURNISHED WITH TUBE HEATER. REFER TO TUBE HEATER MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR COMBUSTION EXHAUST MATERIAL REQUIREMENTS.
- 6. PROVIDE MOTOR OPERATED DAMPER IN LOUVER AS SHOWN. MATCH DAMPER SIZE TO LOUVER FACE DIMENSIONS. ACTUATOR TO BE 120 VOLT, SPRING CLOSED. INTERLOCK DAMPER WITH GAS DETECTION SYSTEM.
- 7. INSTALL INDICATED EQUIPMENT AS HIGH AS POSSIBLE ON EXTERIOR WALL.
- 8. INSTALL RADIANT TUBE HEATER WITH DEFLECTOR SHIELD DIRECTED AT 30° ANGLE TOWARDS EXTERIOR WALL.
- 9. COORDINATE INSTALLATION OF HVLS FAN WITH OTHER TRADES. MAINTAIN OPERATIONAL AND MAINTENANCE
- 10. LOCATE UNIT HEATER ON WALL WHERE SHOWN, MIN 1'-0" AFF. INSTALL PER MANUFACTURER'S REQUIREMENTS.

CLEARANCES AS REQUIRED BY MANUFACTURER.

11. INSTALL PACKAGED UNITARY AIR CONDITIONING UNIT ON EQUIPMENT PAD WITH CURB. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION. INSTALL PER MANUFACTURER'S REQUIREMENTS.



SCOTT D. GROSHANS MO LICENSE # PE-2019012798



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NO.	DESCRIPTION	DATE
	FOR PERMIT	06 / 14 / 2022
1	CITY COMMENTS	07 / 07 / 2022
2	CITY COMMENTS	07 / 13 / 2022
3	SHOP AC REVISION	09 / 19 / 2022
4	CITY COMMENTS	09 / 22 / 2022

SUMMIT.MISSOURI

LEE'S

22009

06 / 14 / 2022

OLDHAM

451

PROJECT NUMBER

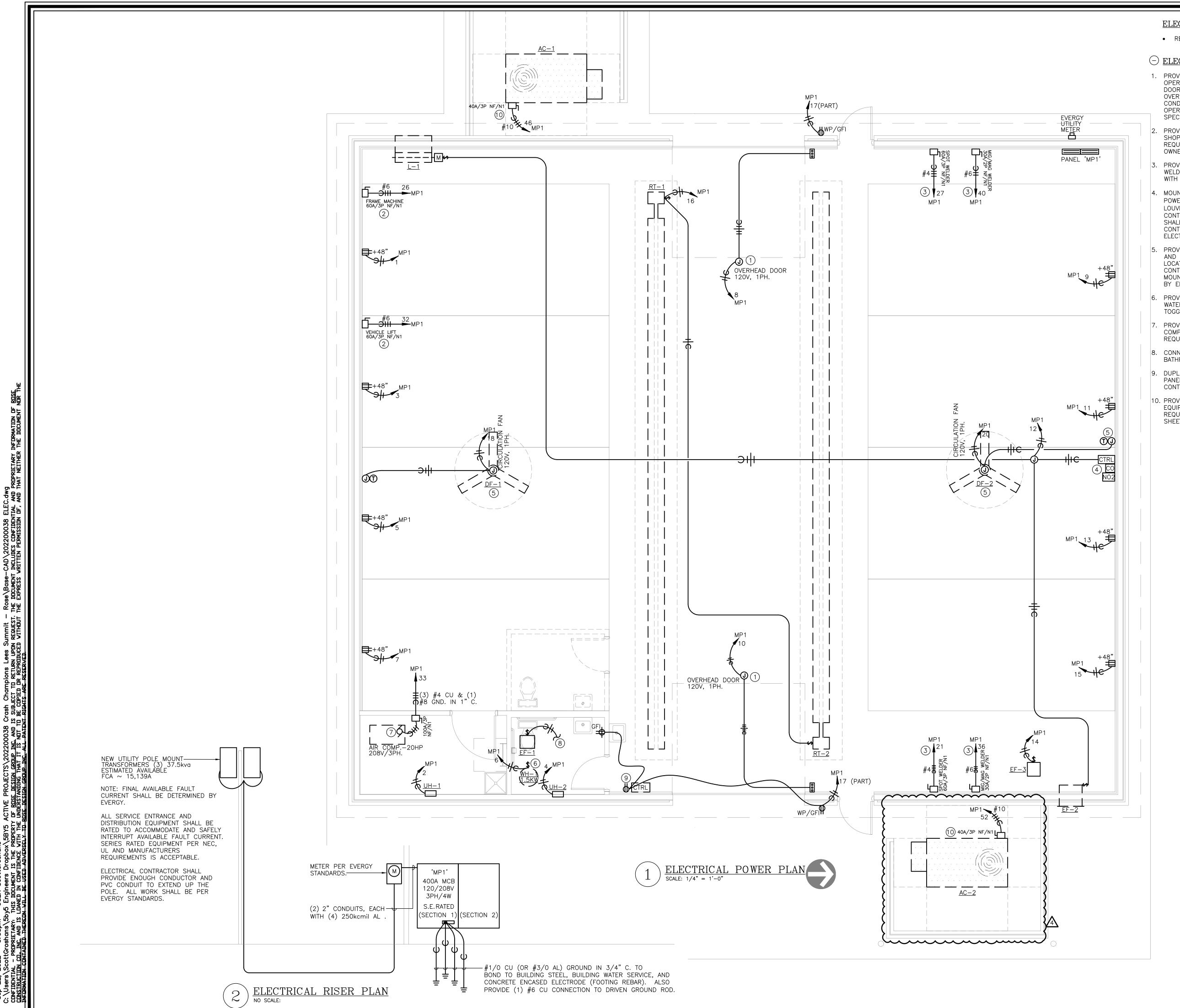
PROPOSED

DATE ISSUED: SHEET NUMBER

MECHANICAL PLAN

ENGINEERS contact@5by5eng.com
5by5eng.com

1100 Main Street, 4th Floor Kansas City, MO 64105 Kansas COA: E-2361 913-689-9449



ELECTRICAL GENERAL NOTES:

• REFER TO SHEET E3.0 FOR ELECTRICAL GENERAL NOTES.

ELECTRICAL PLAN NOTES:

1. PROVIDE 120V CONNECTION TO OVERHEAD DOOR OPERATOR. MOUNT CONTROL STATION PROVIDED WITH DOOR IN LOCATION APPROVED BY OWNER ADJACENT TO OVERHEAD DOOR FOR PUSH-BUTTON CONTROLS. PROVIDE CONDUIT AND WIRING BETWEEN CONTROLLER AND OPERATOR. COORDINATE WITH DOOR INSTALLER FOR SPECIFIC ELECTRICAL REQUIREMENTS.

PROVIDE DISCONNECT AND FLEX CONNECTION TO BODY SHOP EQUIPMENT. VERIFY EXACT LOCATION AND SPECIFIC REQUIREMENTS PRIOR TO ROUGH IN. COORDINATE WITH OWNER LOCATION AND PHASING TO RELOCATE EQUIPMENT.

PROVIDE DISCONNECT AND FLEXIBLE CONNECTION TO SHOP WELDING EQUIPMENT. CONFIRM ACTUAL REQUIREMENTS WITH SHOP OWNER PRIOR TO ROUGH-IN.

4. MOUNT 'CO' CONTROL PANEL ON WALL, AND ROUTE POWER WIRING TO EXHAUST FAN 'EF-2' AND MOTORIZED LOUVER 'L-1'. COORDINATE INSTALL WITH MECHANICAL CONTRACTOR. ALL FANS, LOUVERS & CONTROL DEVICES SHALL BE FURNISHED BY MECHANICAL. MOUNTING OF CONTROL PANEL AND ALL WIRING SHALL BE BY ELECTRICAL CONTRACTOR.

PROVIDE JUNCTION BOX FOR POWER TO CIRCULATION FAN, AND INSTALL FAN CONTROL DEVICE. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR. ALL FANS & CONTROL DEVICES SHALL BE FURNISHED BY MECHANICAL. MOUNTING OF CONTROL PANEL AND ALL WIRING SHALL BE BY ELECTRICAL CONTRACTOR

PROVIDE CONNECTION TO 1500 WATT 120V ELECTRIC WATER HEATER MOUNTED ABOVE THE CEILING. PROVIDE TOGGLE SWITCH DISCONNECT SWITCH.

7. PROVIDE DISCONNECT AND FLEXIBLE CONNECTION TO AIR COMPRESSOR. COORDINATE HOOK-UP AND EXACT REQUIRMENTS WITH OWNER.

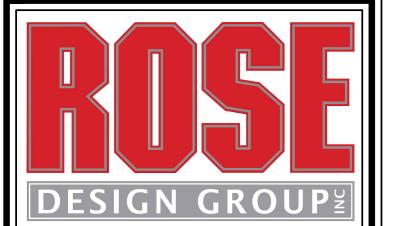
8. CONNECT BATHROOM EXHAUST FAN ON TO SWITCHED BATHROOM LIGHTS.

9. DUPLEX RECEPTACLE FOR SEPTIC TANK LEVEL MONITORING PANEL. COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR.

10. PROVIDE CONNECTION AND DISCONNECT ON MECHANICAL EQUIPMENT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH MECHANICAL CONTRACTOR. REFER TO SHEET M2.0 FOR ADDITIONAL INFORMATION.



SCOTT D. GROSHANS MO LICENSE # PE-2019012798



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SHOP **OLDHAM PROPOSED**

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PROJECT NUMBER DATE ISSUED:

SHEET NUMBER

ELECTRICAL POWER PLAN

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