

NORTH
1 | POWER AND SYSTEMS PLAN - BASE BID
1/8"=1'-0"

NORTH
2 | POWER AND SYSTEMS PLAN - ALTERNATE #1
1/8"=1'-0"

GENERAL NOTES:

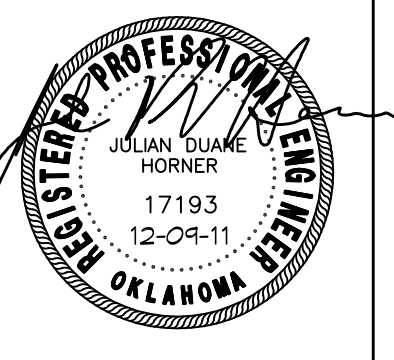
- A. DEMOLISH ALL ELECTRICAL ASSOCIATED WITH WALLS AND ROOF BEING DEMOLISHED, UNO.
- B. DEMOLISH ALL ELECTRICAL ASSOCIATED WITH EXISTING MECHANICAL BEING DEMOLISHED.
- C. ALL NEW FIRE ALARM DEVICES SHALL BE 100% COMPATIBLE WITH EXISTING SYSTEM. CONNECT ALL FIRE ALARM INITIATION DEVICES TO EXPO CENTER INITIATION CIRCUIT. CONNECT ALL FIRE ALARM ANNUNCIATION DEVICES TO EXPO CENTER ANNUNCIATION CIRCUIT. PROVIDE ALL CABLING AND CONDUITS AS REQUIRED.
- D. ALL CONDUITS ROUTED EXPOSED SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO BUILDING LINES IN A NEAT AND WORKMANLIKE MANNER.
- E. ALL CABLING SHALL BE ROUTED IN CONDUIT.
- F. MAINTAIN CODE-REQUIRED WORKING CLEARANCES ABOUT ALL EQUIPMENT.
- G. POWER, COMMUNICATIONS, FIRE ALARM AND PUBLIC ADDRESS SYSTEMS SHALL BE MAINTAINED TO ALL OCCUPIED AREAS THROUGHOUT CONSTRUCTION PERIOD. PROVIDE TEMPORARY SOLUTIONS AS REQUIRED.
- H. DEMOLITION AND CONSTRUCTION SHALL BE ACCOMPLISHED IN STEPS AS DESCRIBED IN THE ARCHITECTURAL CONTRACT DOCUMENTS.
- I. SCHEDULE ALL POWER OUTAGES WITH THE OWNER (7) DAYS IN ADVANCE.
- J. PROVIDE DEDICATED NEUTRALS FOR EACH CIRCUIT, UNO.
- K. ALL 120V CIRCUITS OVER 90' IN LENGTH SHALL BE #10 AWG., UNO.
- L. CONTRACTOR SHALL COORDINATE WITH ARCHITECT TO RELOCATE EXISTING EXTERIOR ELECTRICAL DEVICES AS REQUIRED BY INSTALLATION OF BUILDING EXTERIOR PANELING ON SOUTH WALL OF INDOOR ARENA.
- M. ROUTE CIRCUITING TO ROOF TOP EQUIPMENT UP THROUGH ROOF CURB. DO NOT PENETRATE ROOF.
- N. PROVIDE SURFACE MOUNTED BOXES AND A 1/2" CONDUIT ROUTED CONTINUOUS TO THE UNIT SERVED BY THE THERMOSTAT. RE: MECHANICAL FOR EXACT QUANTITIES AND LOCATIONS. COORDINATE ROUGH-IN HEIGHT AND BOX ORIENTATION WITH TEMPERATURE CONTROLS CONTRACTOR.

KEYED NOTES:

1. REPLACE EXISTING RECEPTACLE WITH NEW GFCI PROTECTED DUPLEX RECEPTACLE AND COVERPLATE.
2. CONNECT TO EXISTING CIRCUITING.
3. EXISTING ELECTRICAL/COMMUNICATIONS IN THIS AREA SHALL REMAIN AND BE MAINTAINED OPERATIONAL.
4. CONTRACTOR SHALL PRESERVE AND RE-USE EXISTING FIRE ALARM HORN WITH PROJECTOR AND FIRE ALARM STROBE DEVICES. INSTALL AS SHOWN ON PLANS WITH STROBE MOUNTED BELOW HORN. STROBE SHALL BE CAPABLE OF 110cd CANDELA RATING; OTHERWISE PROVIDE NEW STROBE DEVICE COMPATIBLE WITH EXISTING FIRE ALARM SYSTEM. CONNECT DEVICES TO EXISTING FIRE ALARM SYSTEM AS BEFORE.
5. ROUTE HOMERUN TO EXISTING PANEL "EL1" AND TERMINATE CIRCUIT ON A SPARE 1P20A BREAKER. IF NO SPARE BREAKER IS AVAILABLE, PROVIDE NEW 1P20A BREAKER WITH AIC RATING TO MATCH EXISTING AND TERMINATE.
6. SURFACE MOUNT DEVICE. PROVIDE CABLING IN CONTINUOUS CONDUIT BACK TO TELEPHONE CLOSET E35B AND PUNCH CABLE DOWN AS TERMINAL BOARD "TTB1" AS DIRECTED BY OWNER.
7. CONTRACTOR SHALL PRESERVE AND RE-USE EXISTING SPEAKER. MOUNT HIGH IN STRUCTURE AS SHOWN AND RE-CONNECT TO EXISTING PAGING SYSTEM AS BEFORE.
8. 3 #1, 1 #6 GND., 1-1/2" C. IF EXISTING CONDUITS FEEDING CONDENSING UNITS ARE ROUTED UNDERGROUND, CONDUITS MAY BE UTILIZED TO RE-FEED UNITS. PULL NEW WIRE.
9. PROTECT ALL EXISTING GEAR AND EQUIPMENT THROUGHOUT COURSE OF CONSTRUCTION.
10. ROUTE TO EXISTING PANEL "EM1" AND TERMINATE ON EXISTING BREAKER FEEDING CONDENSING UNIT.
11. EXISTING UNIT HEATER RE-INSTALLED IN EXISTING LOCATION. PROVIDE NEW CONNECTIONS AND MANUAL MOTOR STARTER AS SHOWN.
12. EXISTING THERMOSTAT TO BE RE-INSTALLED BY DIV 16. PROVIDE NEW CIRCUITING AS INDICATED. COORDINATE MOUNTING HEIGHT AND LOCATION WITH MECHANICAL AND ARCHITECT.
13. PROVIDE NEW MOTOR STARTER WITH INTEGRAL DISCONNECTING MEANS AND CONNECT TO EXISTING EXHAUST FAN EF-E35 TO MATCH EXISTING INSTALLATION. PROVIDE CONTROL POWER TRANSFORMER SIZED AS REQUIRED TO PROVIDE POWER TO MOTORIZED DAMPER.
14. CONNECT TO EXISTING CIRCUIT.
15. EXISTING EXHAUST FAN EF-E35. CONTRACTOR SHALL RE-INSTALL AND RECONNECT TO MATCH EXISTING INSTALLATION.
16. EXISTING MOTORIZED DAMPER. CONTRACTOR SHALL RE-INSTALL AND RECONNECT TO MATCH EXISTING INSTALLATION.
17. INTERLOCK WITH EF-E35 SO THAT DAMPER OPENS WHEN EXHAUST FAN OPERATES. CONNECT TO N.O. AUXILIARY CONTACT IN EF-E35 MOTOR STARTER. MATCH EXISTING INSTALLATION.
18. PROVIDE SUPPLY AIR DUCT DETECTOR AS REQUIRED. CONNECT TO EXISTING FIRE ALARM SYSTEM. PROVIDE REMOTE RESET/ALARM MODULE AS REQUIRED AND MOUNT IN A VISIBLE, ACCESSIBLE LOCATION. COORDINATE LOCATION WITH ARCHITECT AND AHJ.
19. RECEPTACLE FOR FIRE SUPPRESSION SYSTEM AIR COMPRESSOR MOUNTED 6'-0" AFF. COORDINATE EXACT LOCATION WITH ARCHITECT.
20. PROVIDE WEATHERPROOF EXTERIOR HORN STROBE. WIRE THIS HORN STROBE INDEPENDENTLY OF ALL OTHERS SO IT SOUNDS CONTINUOUSLY AS LONG AS THERE IS WATER FLOW. CONNECT TO EXISTING FIRE ALARM SYSTEM AS REQUIRED.
21. PRESERVE EXISTING TAMPER AND FLOW SWITCHES AT EXISTING FIRE SPRINKLER RISERS. RECONNECT TO EXISTING FIRE ALARM SYSTEMS AS REQUIRED.
22. 2 #8, 1 #10 GND., 3/4" C.
23. AIR COMPRESSOR FOR FIRE SUPPRESSION SYSTEM SHALL REMAIN OPERATIONAL THROUGHOUT ENTIRE CONSTRUCTION PERIOD. PROVIDE TEMPORARY POWER SOLUTION AS REQUIRED.
24. ROUTE TO EXISTING PANEL "EM1" AND TERMINATE ON EXISTING BREAKER FEEDING MAKE-UP AIR UNIT.
25. EXISTING MAKE-UP AIR UNIT RELOCATED FROM ROOF TO GROUND. PROVIDE NEW POWER AS SHOWN.
26. EXISTING MAKE-UP AIR UNIT RE-INSTALLED ON NEW ROOF.

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CLAREMORE CIVIC EXPO CENTER
SHOP REPLACEMENT
CLAREMORE, OKLAHOMA

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