115 Memorial Drive Paducah, KY 42001 T: 270.984.0066

**Construction Documents** 

# **GENERAL INFORMATION**

## GOVERNING REGULATIONS

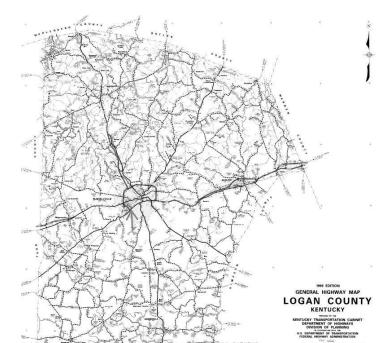
KENTUCKY BUILDING CODE	2013
INTERNATIONAL MECHANICAL CODE	2012
INTERNATIONAL ENERGY CONSERVATION CODE	.2012
KENTUCKY PLUMBING CODE	2013
NATIONAL ELECTRICAL CODE NFPA 70	2014
SPRINKLER SYSTEMS NFPA 13	2010

## PROJECT DESCRIPTION

## PROJECT LOCATION

VICINITY MAP: STATE





VICINITY MAP: LOCAL / CAMPUS





# Russellville Independent Athletic <u>Fieldhouse</u>

RUSSELLVILLE INDEPENDENT SCHOOL DISTRICT 355 S SUMMER ST, RUSSELLVILLE, KY 42276

**Construction Documents** 

6.28.2024

CLIENT PROJECT #: PROJECT NUMBER UK PROJECT MANAGER: RAYMOND HAUNSZ

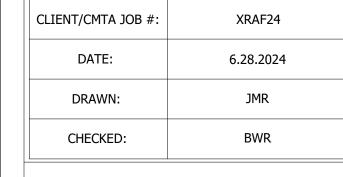


BUILDING SCIENCE LEADERSHIP

CMTA Project Manager: Matt Wade mwade@cmta.com

115 MEMORIAL DRIVE PADUCAH, KY 42001 T: 270 984.0066





**REVISIONS** 

G-001

# PROJECT TEAM

PROJECT MANAGER: MATT WADE

ELECTRICAL ENGINEER: BRAD REEVES / MELVIN MOSS

MECHANICAL ENGINEER: MATT WADE

CIRCULATION FAN SCHEDULE										
	MANUFACTUR						E	LECTRICAL DAT	A	
MARK	ER	MODEL#	TYPE	WEIGHT	DIAMETER	BLADES	FLA	VOLTAGE	PHASE	REMARKS
CF-1	GREENHECK	DC-5-14-13LV	HIGH VOLUME, LOW SPEED	135	14'	5	5 A	115 V	1	ALL

### REMARI

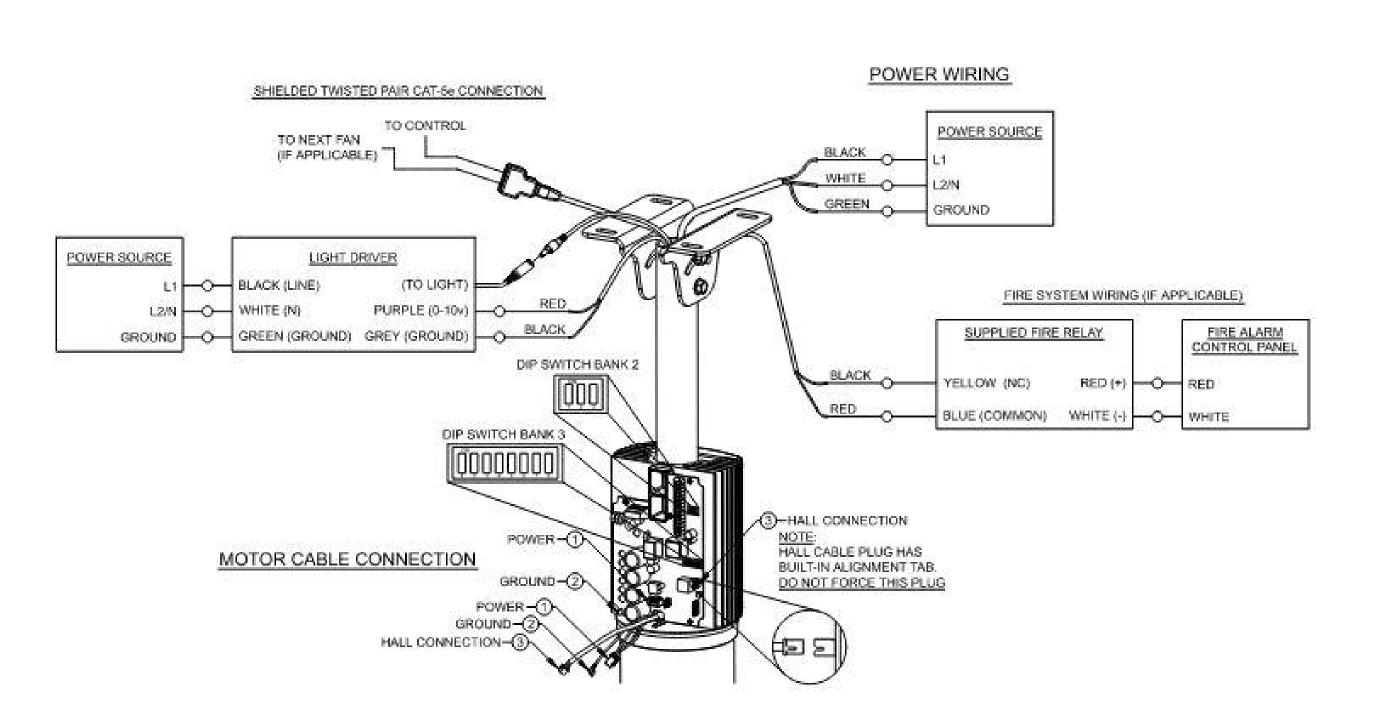
- 1. PROVIDE WITH LED LIGHT KIT, 23W, 1800 LUMEN OUTPUT RATING, 4000K COLOR TEMPERATURE. REQUIRES SEPARATE 115 V POWER FROM FAN. 2. I-BEAM MOUNTING KIT REQUIRED.
- 3. DOWNTUBE WITH CONCEALED WIRES. TOTAL DROP LENGTH TO BE 24".
  4. PROVIDE CONTROLLER CAPABLE OF CONTROLLING ALL FOUR FANS (STANDARD TOUCHSCREEN). CONTROLLER TO BE POWERED THROUGH 24V
- SUPPLIED BY FAN'S VFD VIA CAT-5E COMMUNICATION CABLE.
  5. SOUND PRESSURE 30dBA.
- 6. FACTORY MOUNTED AND WIRED VARIABLE FREQUENCY DEVICE (VFD).
  7. ELECTRICAL WARRANTY: 1 YR.
- 8. MECHANICAL WARRANTY: 10 YR.
  9. SHALL BE LICENSED TO BEAR THE AMCA CERTIFIED RATING SEAL FOR CIRCULATING FAN PERFORMANCE TO ENSURE PERFORMANCE AS CATALOGED IN
- 10. ENTIRE FAN ASSEMBLY SHALL BE UL.
- 11. PERFORMANCE CAPABILITIES UP TO 55,800 CFM.
  12. MAXIMUM CONTINUOUS OPERATING TEMPERATURE OF 104 DEGREES FAHRENHEIT.
- 13. DESIGNED FOR FORWARD AND REVERSE OPERATION CAPABILITIES.

  14. FAN SHALL BEAR A PERMANENTLY AFFIXED MANUFACTURER'S MYLAR NAMEPLATE CONTAINGIN MODEL NUMBER, INDIVIDUAL SERIAL NUMBER, AND ELECTRICAL REQUIREMENTS OF FAN.
- 15. MULTI-PIECE HUBS NOT ACCEPTED. PROVIDE SINGLE STAINLESS HUB WITH GRADE 5 SAE BOLTS MINIMUM.
  16. AIRFOIL BLADES SHALL BE INTERNALLY REINFORCED SUCH THAT BLADE DEFLECTION SHALL NOT EXCEED +/- 2.4" WHILE FAN IS IN STANDNY OR OPERATION.
  17. MOTORS SHALL BE OF THE HIGH TORQUE, LOW SPEED DIRECT DRIVE TYPE, CAREFULLY MATCHED TO THE FAN LOAD AND FURNISHED AT THE
- SPECIFIED VOLTAGE AND PHASE.

  18. MOTORS SHALL BE AN INTERNAL ROTOR DESIGN.
- 19. MOTORS SHALL INCLUDE PLUG-AND-PLAY CONNECTORS FOR ALL WIRING TO THE VFD.
  20. MOTORS SHALL INCLUDE AN INTERNALLY-MOUNTED THERMISTOR FOR CONTINUOUS MONITORING OF THE MOTOR'S INTERNAL TEMPERATURE.
  21. MOTORS SHALL INCLUDE CLASS B INSULATION.
  22. MOTOR ENCLOSURE IP54.
- 23. VFD ENCLOSURE IP50.
  24. VFD SHALL BE FACTORY PROGRAMMED AND DESIGNED FOR MODBUS RS-485 COMMUNICATION WITH CONTROL DEVICES VIA THE MODBUS COMMUNICATION PROTOCOL.
  25. VFD SHALL BE PROVIDED WITH PLUG-AND-PLAY WIRTING FOR EASE OF INSTILLATION.
- 25. VFD SHALL BE PROVIDED WITH PLUG-AND-PLAY WIRTING FOR EASE OF INSTILLATION.
  26. VFD SHALL BE FACTORY-WIRED FOR POWER AND CONTROL OF LED LIGHT
  27. VFD SHALL INCLUDE TWO THERMISTORS FOR CONTINUOUS MONITORING OF VFD'S INTERNAL AND EXTERNAL TEMPERATURE.
  28. VFD SHALL INCLUDE INTELLIGENT PROTECTION SYSTEMS TO PREVENT FAILURES CAUSED BY OVER/UNDER-VOLTAGE, OVER-CURRENT, OVER-
- TEMPERATURE, OVER-SPEED, AND FAN IMPACT.
  29. ALL HARDWARE SHOULD BE MINIMUM OF SAE GRADE 5.
  30. FACTORY INSTALLED SAFETY RETENTION CABLES.

35. PROVIDE WITH 100' OF CAT-5E CONTROL CABLE FOR EACH FAN.

- 31. STANDARD FINISH.
  32. CONTROLS SHALL BE CAPABLE OF OPERATING ONE OR MULTIPLE FANS AS SPECIFIED. CONTROLS SHALL PROVIDE START/STOP, SPEED, AND ROTATION DIRECTION? CONTROL CAPABILITIES AS WELL AS DIAGNOSTIC AND FAULT HISTORY INFORMATION FOR EACH FAN.
- 33. CONTROLS SHALL ALSO BE CAPABLE OF TURNING ON/OFF FAN MOUNTED LIGHT.
  34. CONTROLS SHALL INCLUDE RJ45 PORTS FOR PLUG-AND-PLAY CONNECTION TO FANS.



FAN WIRING DETAIL
SCALE: NONE

## PANELBOARD AND WIRING SCHEDULE PANEL: MAIN MAINS TYPE: MCB PANEL INTERRUPTING RATING: <ENGINEER TO SPECIFY> **VOLTAGE**: 208Y/120V,3P,4W SPD: LOCATION: AMPERES: 200 A MOUNTING: SURFACE SUPPLY FROM: CIRCUIT DESCRIPTION HOT, NEUT, GND OCP PCKT A B C CKT POCP HOT, NEUT, GND CIRCUIT DESCRIPTION NEW BREAKERS TO BE INSTALLED 20 | 1-#10, 1-#10, 1-#10 | CIRCULATION FAN 1,2 IN THE CIRCUIT SPACE DESIGNATED 20 | 1-#10, 1-#10, 1-#10 | CIRCULATION FAN 3,4 ON PANEL SCHEDULE 1.2 kVA 0.0 kVA 1.2 kVA LOAD CLASSIFICATION CONNECTED LOAD | DEMAND FACTOR | ESTIMATED DEMAND PANEL TOTALS 2400 VA TOTAL CONNECTED LOAD: 2400 VA TOTAL ESTIMATED DEMAND: 2400 VA **TOTAL CONNECTED CURRENT:** 7 A TOTAL ESTIMATED DEMAND CURRENT: 7 A 25 % ADDITIONAL CAPACITY: 2 A **TOTAL PANEL CURRENT: 8 A** NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P

### **ELECTRICAL DEMOLITION NOTES:**

- A. DOTTED LINES INDICATE ITEMS FOR REMOVAL (UON) AND SOLID HALFTONE LINES INDICATE EXISTING ITEMS TO REMAIN.
  B. THE CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF EXISTING CIRCUITS THAT CONTAIN DEVICES OR EQUIPMENT THAT ARE TO REMAIN. WHEN DEMOLITION OF AN ELECTRICAL DEVICE (OR CIRCUIT) IS INDICATED ON THE DRAWINGS: THE CONTRACTOR SHALL ENSURE THAT OTHER DEVICES OR EQUIPMENT "UPSTREAM" OR "DOWNSTREAM" ON THE CIRCUITS SHALL REMAIN IN "PRE- DEMOLITION" WORKING ORDER. "LEFT-OVER" CIRCUIT BREAKERS SHALL REMAIN, BE SWITCHED TO OFF POSITION, AND BE LABELED AS SPARES IN THEIR PANELS.
  - PROVIDE NEW TYPEWRITTEN DIRECTORIES FOR ALL PANELS AFFECTED.

    C. LOCATIONS OF DEVICES, CONNECTIONS, ETC., INDICATED ON THIS DRAWING WERE TAKEN FROM VARIOUS SOURCES. THEY ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO VARIATION FROM EXISTING CONDITIONS. CERTAIN EXISTING ELEMENTS MAY NOT BE INDICATED AT ALL. THE CONTRACTOR PROPOSING TO DO ANY PART OF THE WORK INDICATED HEREON SHALL VISIT THIS SITE AND DETERMINE TO HIS SATISFACTION THAT THEY MAY COMPLETE ALL WORK REQUIRED FOR THE BID WHICH HE PROPOSES.
- D. REMOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONDUCTORS FOR DEVICES / FIXTURES / ETC. BEING REMOVED (BACK TO SOURCE), WHETHER INDICATED OR NOT (UON). CONTRACTOR SHALL PATCH AND REPAIR ANY EXISTING WALLS, FLOORS OR CEILINGS WHERE DEVICES ARE SHOWN TO BE REMOVED (PATCH AND REPAIR TO RECEIVE NEW FINISHES SEE ARCHITECTURAL PLANS).
- E. COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH OWNER. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.
- F. COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT.
- G. CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS / CEILINGS AS REQUIRED WHERE DEVICES ARE BEING REMOVED OR INSTALLED.
- H. EXISTING ELECTRICAL SYSTEMS IN CONFLICT WITH CONSTRUCTION SHALL BE RELOCATED TO PERMIT INSTALLATION OF DEVICES AND
- EQUIPMENT SHOWN ON PLANS.

  I. ALL EXISTING PANELS AFFECTED BY THIS CONTRACTOR'S WORK SHALL BE PROVIDED WITH NEW TYPE-WRITTEN PANEL DIRECTORIES AND INSERT SLEEVES. PANEL DIRECTORIES SHALL NOT USE ROOM NAMES OR NUMBERS FROM THESE DRAWINGS. DIRECTORIES SHALL BE DETAILED AND COORDINATED WITH OWNER'S SUITE NUMBERS, FINAL ROOM NUMBERS, IT RACK NAMES, WORKSTATION DESIGNATIONS, ETC. UNUSED BREAKERS SHALL BE IN OFF POSITION.

DESCRIPTION	MOUNTING HEIGHT	SYMBOL
POWER OUTLETS		
JUNCTION BOX, CEILING OR WALL		ο Ψ
LIGHTING FIXTURES AND EQUIPMENT		
SURFACE OR SUSPENDED CEILING FIXTURE		m m m m m m m m m m m m m m m m m m m
MISCELLANEOUS		PHASE NEUTRAL
CONDUIT CONCEALED IN WALLS OR IN CEILING SPACE: ARROW(S) INDICATE(S) HOME RUN & # OF CIRCUITS: HASHMARKS INDICATE # OF CONDUCTORS.		GROUND
VARIABLE FREQUENCY DRIVE	5'-0"	<b>B</b>
PANELBOARD, SURFACE OR FLUSH MOUNTED, HATCHING INDICATES EMERGENCY	6'-6" TO TOP	
EQUIPMENT TAG, REFER TO EQUIPMENT SCHEDULE		EQUIP-#
MECHANICAL EQUIPMENT DESIGNATOR (SEE MECH. SCHEDULES)		EQUIP-#
TAGGED NOTE		$\bigcirc$
REVISION TAG		$\triangle$
LINETYPE LEGEND	·	
	EXISTING	
	DEMOLISHED	
	NEW	

### **ELECTRICAL GENERAL NOTES:**

ADDENDUM.

- A. EACH CONTRACTOR, PROPOSER, SUPPLIER AND/OR MANUFACTURER SHALL REFER TO ALL DOCUMENTS PERTAINING TO THIS PROJECT AND COORDINATE ACCORDINGLY SO AS TO ENSURE ADEQUACY OF FIT, COMPLIANCE WITH SPECIFICATIONS, PROPER VOLTAGE AND CURRENT CHARACTERISTICS TO AVOID CONFLICT WITH ANY OTHER BUILDINGS SYSTEMS. VERIFY SAME WITH SHOP DRAWINGS.
- B. ADDITIONAL ELECTRICAL REQUIREMENTS MAY BE SHOWN ON PLANS FROM OTHER DISCIPLINES IN THIS SET. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL PLANS AND SPECIFICATIONS FOR A COMPLETE UNDERSTANDING OF THE PROJECT REQUIREMENTS.
- C. WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES. INCLUDING BUT NOT LIMITED TO NFPA 70 (NEC), NFPA 72, INTERNATIONAL BUILDING CODES, ETC.
- D. CONTRACTOR SHALL FOLLOW SEISMIC RESTRAINT AND DESIGN REQUIREMENTS
   CONTAINED IN LATEST ADOPTED STATE AND INTERNATIONAL BUILDING CODES,
   WITH ALL AMENDMENTS AS ADOPTED BY THE CURRENT LEGISLATION. REFER TO
   ELECTRICAL AND STRUCTURAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
   E. ALL OFFSETS, TURNS, FITTINGS, TRIM, DETAIL, ETC. MAY NOT BE INDICATED, BUT
   SHALL BE PROVIDED AS REQUIRED. ADDITIONAL ALLOWANCES SHALL BE INCLUDED
- FOR SAME AT EACH PROPOSER'S DISCRETION.

  F. INSTALL NO PIPING, CONDUIT, DUCTWORK, ETC. IN A LOCATION OR IN A MANNER WHICH WILL ALLOW FREEZING OR THE COLLECTION OF CONDENSATION THEREON. IF IN DOUBT, CONTACT THE ENGINEER.
- G. ADVISE THE ENGINEER OF ANY CONFLICTS, ERRORS, OMISSIONS, ETC. AT LEAST TEN DAYS PRIOR TO BID DATE, TO ALLOW CLARIFICATION BY WRITTEN
- H. WHERE CONFLICTS ARE FOUND BETWEEN DRAWINGS, DETAILS, OR SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL APPLY. NOTIFY ENGINEER OF DISCREPANCY IN WRITING.
- I. DEVIATION FROM SPECIFICATIONS OR PLANS REQUIRES PRIOR WRITTEN
  APPROVAL FROM THE ENGINEERS AND MUST BE SUBMITTED IN WRITING NO LATER
- THAN TEN DAYS PRIOR TO THE BID DATE.

  J. OBSERVE ALL APPLICABLE CODES, RULES AND REGULATIONS THAT MAY APPLY TO THE WORK UNDER THIS CONTRACT. (CITY, COUNTY, LOCAL, STATE, FEDERAL,
- MUNICIPALITY, UTILITY COMPANY, OSHA, ETC.).

  K. MOUNTING HEIGHTS FOR WALL MOUNTED DEVICES INDICATED ABOVE FINISHED FLOOR ARE TO CENTER OF DEVICE UON. MOUNTING HEIGHTS TO CEILING
- SUSPENDED DEVICES ARE TO BOTTOM OF DEVICE UON.

  L. INSTALL EQUIPMENT, MATERIALS, ETC. IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND DIRECTIONS. IF IN CONFLICT WITH
- THE DESIGN INDICATED IN CONTRACT DOCUMENTS, ADVISE THE ENGINEER PRIOR TO INSTALLATION FOR CLARIFICATION.

  M. THE PURPOSE AND INTENT OF ALL OF THE DOCUMENTS PERTAINING TO THIS PROJECT IS TO PROVIDE A COMPLETE FUNCTIONAL SAFE LIKE NEW FACILITY.
- PROJECT IS TO PROVIDE A COMPLETE, FUNCTIONAL, SAFE, LIKE-NEW FACILITY.
  ANYTHING LESS SHALL BE UNACCEPTABLE.

  N. ALL SYSTEMS, EQUIPMENT AND MATERIALS ARE TO BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER. WORK NOT MEETING THIS CRITERION SHALL BE
- REMOVED AND REINSTALLED SATISFACTORILY. FINAL DETERMINATION OF THE ACCEPTABILITY OF THE QUALITY OF WORK RESIDES WITH THE ENGINEER.

  O. ALL WORK, MATERIALS, EQUIPMENT, ETC. SHALL BE FULLY GUARANTEED FOR ONE FULL CALENDAR YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION AS DOCUMENTED BY THE ENGINEER, UNLESS LONGER WARRANTY PERIODS FOR
- EQUIPMENT ARE SPECIFIED.

  P. UNLESS OTHERWISE SPECIFIED OR INDICATED, ALL EQUIPMENT AND/OR MATERIALS WITHIN OCCUPIED SPACES OR EXPOSED TO VIEW ON THE BUILDING EXTERIOR SHALL BE PRIMED AND FINISHED SO AS TO COMPLEMENT ADJACENT SURFACE, UNLESS OTHERWISE NOTED. COORDINATE WORK AND COLORS WITH ENGINEER.
- Q. THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COMPANY FEES, CASH CONTRIBUTIONS OR OTHER COSTS THAT THE UTILITY COMPANY MAY REQUIRE TO COMPLETE THEIR WORK. (ELECTRIC, TELEPHONE, TELEVISION, DATA, ETC.).

  R. PROVIDE DETAILED SHOP DRAWINGS TO ENGINEER PRIOR TO PURCHASING OR
- INSTALLING ANY EQUIPMENT.

  S. DEVIATIONS IN SIZES, CAPACITIES, FIT, FINISH, ETC. FOR EQUIPMENT FROM THAT PRIME SPECIFIED SHALL BE THE RESPONSIBILITY OF THE PURCHASER OF THAT EQUIPMENT. ANY PROVISIONS REQUIRED TO ACCOMMODATE A DEVIATION, WHETHER APPROVED BY THE ENGINEER OR NOT, SHALL BE THE RESPONSIBILITY OF THE PURCHASER.
- T. THE CONSTRUCTION MANAGER, GENERAL CONTRACTOR, OR WHOMEVER HOLDS THE PRIME CONTRACT(S) FOR THIS CONSTRUCTION IS RESPONSIBLE FOR THE COORDINATION, APPEARANCE, SCHEDULING AND TIMELINESS OF THE WORK OF ALL TRADES, CONTRACTORS, SUPPLIERS, INSTALLERS, ETC. POOR OR UNTIMELY WORK ON THE PART OF ANY SUBCONTRACTOR SHALL BE RESOLVED BY THE PARTY WHO ENGAGED THEM ON THIS PROJECT.
- U. WHERE MOUNTING HEIGHTS ARE NOT INDICATED OR ARE IN CONFLICT WITH ANY
  OTHER BUILDING SYSTEM, CONTACT THE ENGINEER BEFORE AFFECTING
  INSTALLATION.
   V. ALL ELECTRICAL COMPONENTS OR EQUIPMENT SHALL BE LISTED AND LABELED BY
- V. ALL ELECTRICAL COMPONENTS OR EQUIPMENT SHALL BE LISTED AND LABELED BY UNDERWRITER'S LABORATORIES OR OTHER APPROVED LISTING AGENCY.

  APPROVAL AND LABELING OF INDIVIDUAL COMPONENTS ON AN ASSEMBLY IS NOT ACCEPTABLE AS MEETING THIS REQUIREMENT, UNLESS WAIVED BY THE ENGINEER IN WRITING.

  W. ALL WIRING SYSTEMS SHALL BE INSTALLED WITH A MINIMUM OF SPLICES.
- W. ALL WIRING SYSTEMS SHALL BE INSTALLED WITH A MINIMUM OF SPLICES.
   CONDUCTORS, WHETHER SINGLE OR MULTI-PAIR, SHALL BE INSTALLED
   CONTINUOUS INSOFAR AS POSSIBLE FROM TERMINAL POINT TO TERMINAL POINT
   X. NO CONDUIT, SUPPORTS, ETC. SHALL BE RUN THROUGH ACCESS CLEARANCES OF
- EQUIPMENT BY OTHER TRADES (I.E. VAV BOXES). COORDINATE WITH ALL TRADES PRIOR TO CONSTRUCTION.

  Y. ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO ENSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE OR SUB-SERVICE FOR SAFETY PURPOSES. PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. VERIFY THE LOCATION, SIZE, TYPE, ETC. OF EACH UNDERGROUND OR OVERHEAD UTILITY. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE AND/OR LOCAL RULES, REGULATIONS, STANDARD AND SAFETY REQUIREMENTS. UTILITIES

UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT

REQUIREMENT SHALL APPLY.

Z. ALL SUPPORTS FOR EQUIPMENT, DEVICES OR FIXTURES SHALL BE UNIQUE,
DIRECTLY FROM THE BUILDING STRUCTURE. DO NOT SUPPORT WORK FROM OTHER
TRADES EQUIPMENT OR SUPPORTS WITHOUT WRITTEN PERMISSION FROM THE

SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE MUNICIPALITY OR

- ENGINEER AND CONSENT OF THE OTHER TRADE, IN WRITING.

  AA. WHERE INTERRUPTING AN EXISTING UTILITY OR SERVICE DELIBERATELY OR
  ACCIDENTALLY, THE RESPONSIBLE CONTRACTOR SHALL WORK CONTINUOUSLY AS
  NEEDED TO RESTORE SAME, PROVIDING PREMIUM TIME AS NEEDED.
- BB. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING
  REQUIRED FOR HIS WORK. ALL CUTTING AND PATCHING SHALL BE IN ACCORDANCE
  WITH THE ENGINEERS'S STANDARDS FOR SUCH WORK.
  CC. ALL WORK SHALL BE CONCEALED UNLESS SPECIFICALLY INDICATED TO BE
- EXPOSED, OR REQUIRED TO BE EXPOSED. IF IN DOUBT, CONTACT THE ENGINEER FOR CLARIFICATIONS PRIOR TO INSTALLING ANY SUCH WORK.

  DD. INTERRUPTION OF ANY EXISTING SERVICES SHALL BE COORDINATED WITH THE OWNER, GENERAL CONTRACTOR, UTILITY COMPANY AS NECESSARY, AND THE ARCHITECT, AT LEAST TWO WEEKS IN ADVANCE OF ANTICIPATED INTERRUPTION. A SCHEDULE FOR THESE OUTAGES SHALL BE DEVELOPED AND AGREED UPON BETWEEN THE PARTIES MENTIONED TO AVOID UNNECESSARY INCONVENIENCE TO THE OWNER OR ANY AFFECTED PARTY. NOTIFY THE UTILITY COMPANY OF ANY
- ANTICIPATED SERVICES REQUIRED TWO WEEKS IN ADVANCE, IN WRITING. IF UTILITY COMPANY REQUIRES A LONGER NOTIFICATION PERIOD, SO PROVIDE.

  EE. ALL MATERIALS FURNISHED AND ALL WORK INSTALLED SHALL COMPLY WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODES, NATIONAL FIRE CODES OF THE NATIONAL FIRE PROTECTION ASSOCIATION, THE REQUIREMENTS OF LOCAL UTILITY COMPANIES, AND WITH THE REQUIREMENTS OF ALL GOVERNMENTAL AGENCIES OR DEPARTMENTS HAVING JURISDICTION. IF ANY CONFLICTS OR DISCREPANCIES OCCUR THE MOST STRINGENT SHALL APPLY.
- FF. DO NOT SCALE FROM DRAWINGS, AS PRINTING DISTORTS SCALE. WORK SHALL BE LAID OUT FROM DIMENSIONED DRAWINGS, OR DIMENSIONS SUPPLIED TO THE CONTRACTOR.
   GG. NOISY WORK, WORK OUTSIDE CONSTRUCTION BARRIERS, WORK IN OCCUPIED

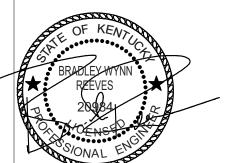
COORDINATE EXACT REQUIREMENTS WITH OWNER PRIOR TO CONSTRUCTION.

AREAS, ETC. SHALL BE PERFORMED AFTER HOURS OR ON WEEKENDS. COORDINATE EXACT SCHEDULING WITH FACILITY PRIOR TO CONSTRUCTION.

HH. ALL ITEMS HAVING KEYED LOCKS/OPERATORS SHALL HAVE CORED LOCKS/OPERATORS. ALL KEYING SHALL MATCH THE OWNER'S EXISTING KEY-WAYS.



Construction Documents





AMER ST, RUSSELLVILLE, KY 42276

Fieldh

CLIENT/CMTA JOB #: XRAF24

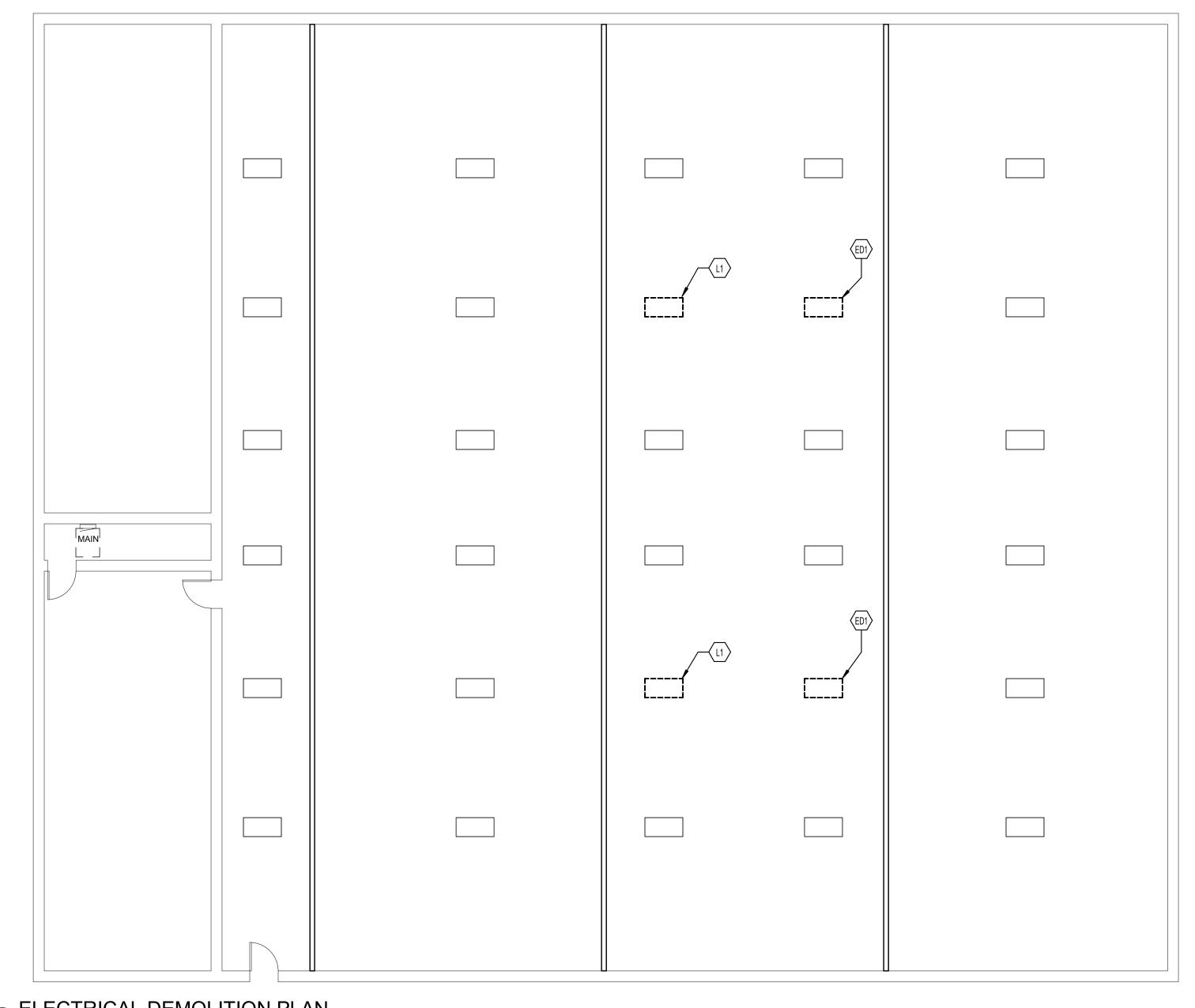
DATE: 6.28.2024

DRAWN: JMR

CHECKED: BWR

REVISIONS

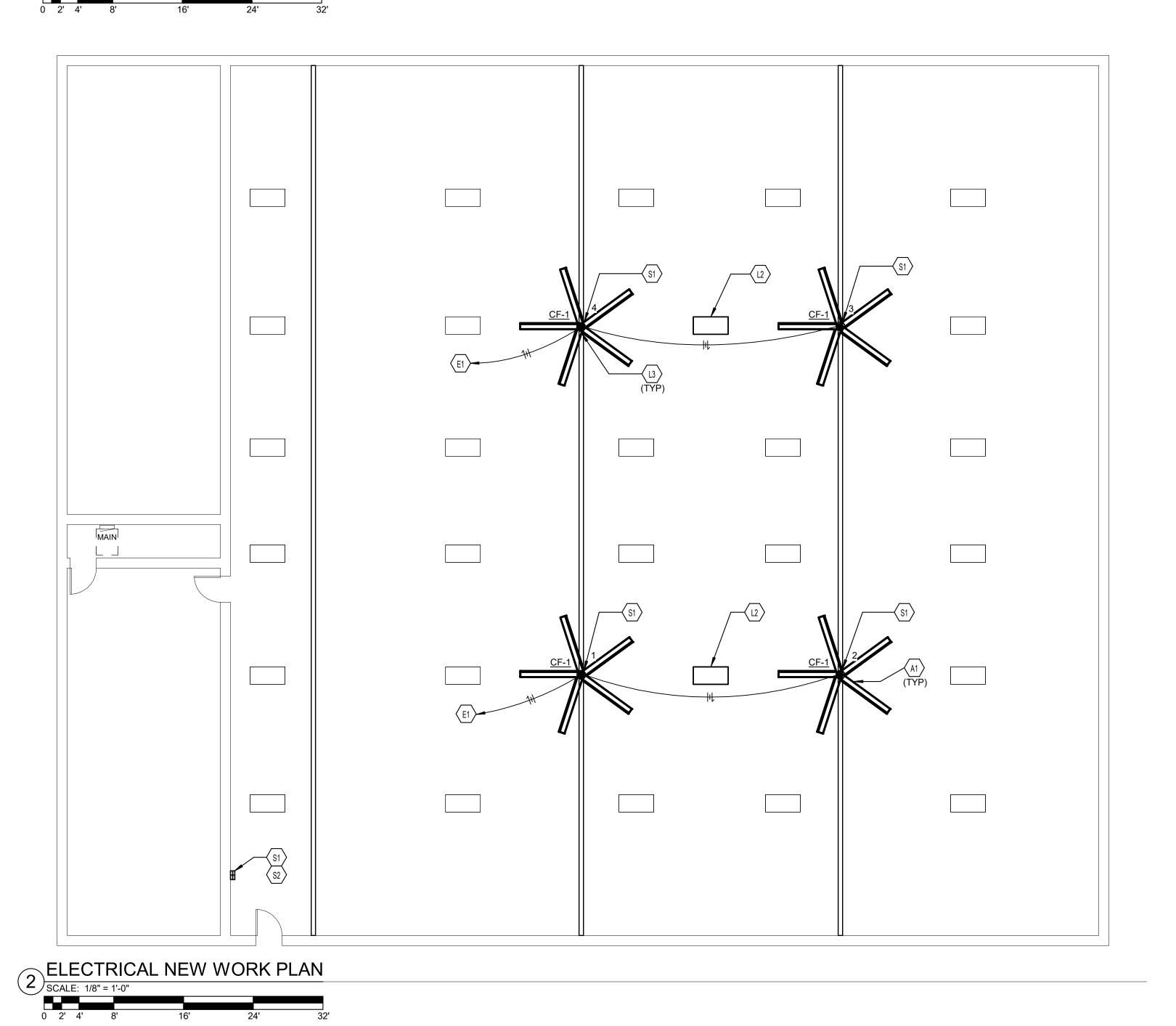
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ELECTRICAL DEMOLITION PLAN

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

0 2' 4' 8' 16' 24' 32'



**TAGGED NOTES** 

- A1 CIRCULATION FAN TO BE INSTALLED IN LOCATION SHOWN ON DRAWING. IT IS TO BE MOUNTED ON THE CROSS I-BEAM IF STRUCTURE. REFER TO MANUAL FOR INFORMATION.

  E1 PROVIDE 120V POWER TO NEW CIRCULATION FAN FED FROM
- PROVIDE 120V POWER TO NEW CIRCULATION FAN FED FROM EXISTING MAIN PANEL. CONTRACTOR TO PROVIDE NEW 20A CIRCUIT BREAKER SWITCH FOR EACH NEW CIRCUIT. MAIN PANEL MANUFACTURER AND MODEL IS SQUARE D QOC40US.
- ED1 DEMO LIGHT FIXTURE TO MAKE ROOM FOR NEW CIRCULATION FAN. REMOVE CONDUIT BACK TO JUNCTION BOX.
   L1 SALVAGE FIXTURE FOR RELOCATION IN NEW WORK. REFER TO
- SHEET E3.0 FOR NEW LOCATION.

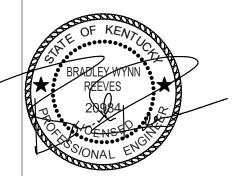
  L2 SALVAGED FIXTURE TO BE INSTALLED IN LOCATION SHOWN ON DRAWINGS. RUN NEW FLEX MC CABLING FROM NEAREST EXISTING
- LIGHTING JUNCTION BOX TO POWER FIXTURE.

  L3 PROVIDE POWER SEPARATE FROM POWER FEEDING FAN TO
- INTEGRATED FAN LED. RUN NEW FLEX MC CABLING FROM NEAREST EXISTING LIGHTING JUNCTION BOX TO POWER FIXTURE.

  S1 USE PROVIDED CAT-5E CABLE INCLUDED WITH FAN SHIPMENT TO CONNECT FANS/CONTROL TO FAN NETWORK. WHEN NETWORKING FANS, REFER TO NUMBER LOCATED NEAR FAN TO ADJUST ITS ADDRESS. REFER TO MANUAL FOR INITIALIZATION AND SETUP OF
- S2 MOUNT CONTROLLER ON WALL AS SHOWN ON DRAWING IN LINE WITH EXISTING LIGHTING CONTROLS.



**Construction Documents** 





IMER ST, RUSSELLVILLE, KY 42276

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Russellville Independent Athletic Fieldhouse

E2.0