

ADDENDUM NO. 4

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**HVAC & BAS Replacement
Waverly Regional Youth Center
Waverly, Missouri
PROJECT NO. H2314-01**

Bid Opening Date is: 1:30 PM, Thursday, November 14th, 2024

Bidders are hereby informed that the Construction Plans and/or Specifications are modified as follows:

SPECIFICATION CHANGES:

1. Specification Section 012300, Paragraph 3.1.B.2.c: ADD the following: "This includes, but is not limited to, non-plenum-rated wiring, PVC piping, PVC conduit, etc."
2. Specification Section 012300, Paragraph 3.1.A: Addendum #2 stated "500 pound lifting capacity". REVISE to "2500 pound lifting capacity".
3. Specification Sections 232300, 237416.11 and 237416.13: Replace references to refrigerant R-410A with refrigerant R-454B.
4. Specification Section 236200.2.3.A: ADD Aeon as an approved manufacturer.
5. Specification Section 237313.16.2.2.A: ADD Aeon as an approved manufacturer.

DRAWING CHANGES:

1. Sheet A121 - REMOVE abatement note from Voyagers GM room.
2. Sheet A210 - Clarification on painting wall to match existing: Patch the brick to match existing. Repaint the entire exterior wall corner to corner full height where the brick is infilled. The upper floor is not painted, only the on grade level walls where the PTAC units are removed.
3. Sheet S310 – DELETE Detail 2 is no longer required.
4. Sheet M111 – REPLACE Plan Note #3 as follows:
 - a. Fan shall be Loren Cook 135 CFS or approved equal. ¾ HP.
5. REPLACE Sheet M601 in its entirety
6. REPLACE Sheet E101 in its entirety
7. REPLACE Sheet E111 in its entirety
8. REPLACE Sheet E112 in its entirety
9. REPLACE Sheet E601 in its entirety

GENERAL COMMENTS:

1. NONE

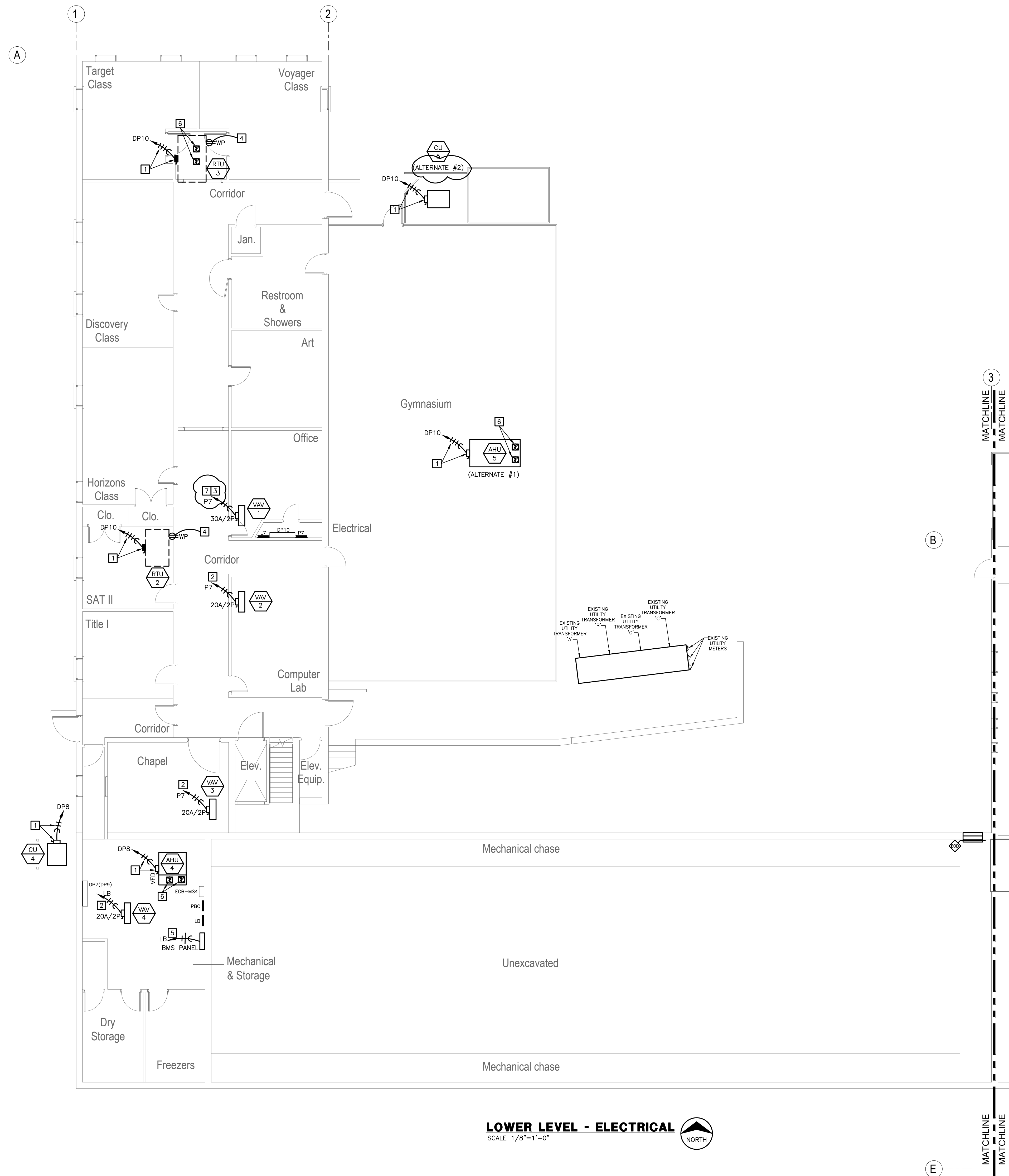
ATTACHMENTS:

1. Sheet M601 Revised
2. Sheet E101 Revised
3. Sheet E111 Revised

4. Sheet E112 Revised
5. Sheet E601 Revised

November 7, 2024

END ADDENDUM NO. 4



ELECTRICAL GENERAL NOTES
 A. REFER TO SHEET E-001 FOR ELECTRICAL GENERAL NOTES.
 B. REFER TO SHEET E-001 FOR FIRE ALARM GENERAL NOTES.

ELECTRICAL PLAN NOTES

- REFER TO ELECTRICAL ONE-LINE DIAGRAM FOR CIRCUITING AND DISCONNECT INFORMATION.
- CONNECT TO NEW OR SPARE 20A/2P CIRCUIT BREAKER. FIELD VERIFY AND PROVIDE NEW BREAKER AS REQUIRED.
- PROVIDE 2-#10, 1-#10 GROUND IN 3/4" CONDUIT.
- FACTORY MOUNTED RECEPTACLE. CONNECT TO NEAREST CIRCUIT SERVING RECEPTACLES ON THE ROOF OR TO NEW OR SPARE CIRCUIT BREAKER IN NEAREST 120V PANEL.
- CONNECT TO NEW OR SPARE 20A/1P CIRCUIT BREAKER.
- PROVIDE DUCT SMOKE DETECTOR. COORDINATE REQUIREMENTS WITH HVAC EQUIPMENT MANUFACTURER. PROVIDE CONNECTION TO EXISTING FIRE ALARM SYSTEM AS REQUIRED.
- CONNECT TO NEW OR SPARE 25A/2P CIRCUIT BREAKER. FIELD VERIFY AND PROVIDE NEW BREAKER AS REQUIRED.

MISCELLANEOUS NOTES

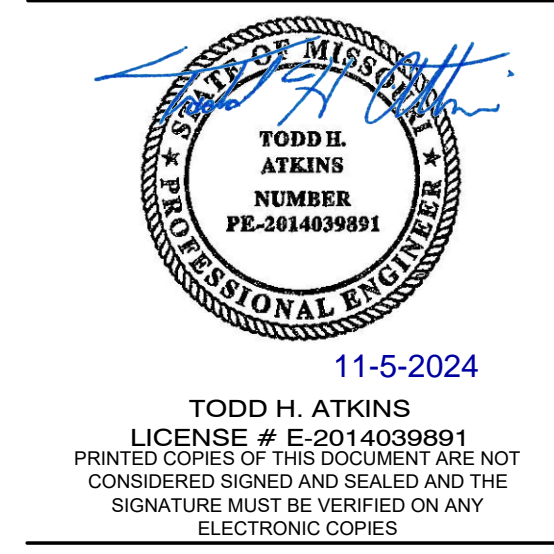
CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIR OF ANY DAMAGED ITEMS OR SURFACES RESULTING FROM THEIR WORK ACTIVITIES. THIS INCLUDES, BUT IS NOT LIMITED TO, DAMAGES INCURRED DURING DEMOLITION, CONSTRUCTION, INSTALLATION, OR ANY OTHER RELATED TASKS. THE CONTRACTOR IS EXPECTED TO PROMPTLY IDENTIFY AND ADDRESS ANY DAMAGES, ENSURING THAT THE AFFECTED AREAS ARE RESTORED TO THEIR ORIGINAL CONDITION AT THEIR OWN EXPENSE. IT IS IMPERATIVE THAT ALL NECESSARY REPAIRS ARE COMPLETED TO THE SATISFACTION OF THE FMDC PROJECT MANAGER.

FIRE CAULK AROUND THE PERIMETER OF ALL NEW FLOOR, CEILING, AND WALL PENETRATIONS RESULTING FROM THIS NEW WORK, REGARDLESS OF FLOOR/WALL/CEILING/ROOF ASSEMBLY REQUIREMENT. PATCH OPEN AREAS IN EXISTING PLASTER CEILINGS WITHIN CEILING AREAS EXPOSED BY THIS NEW WORK. REFERENCE ARCHITECTURAL DRAWINGS FOR PATCHING DETAILS.

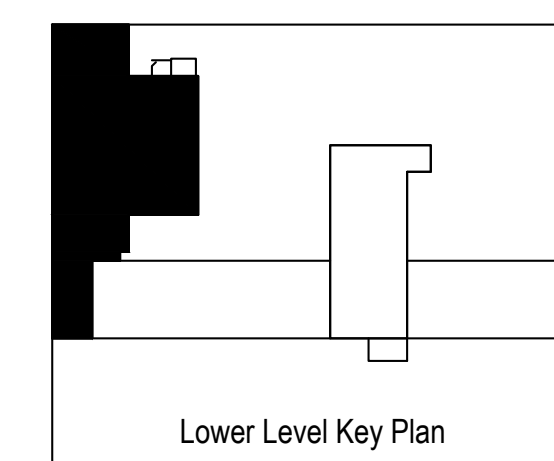
CONTRACTOR SHALL PROVIDE DAILY CLEANING, VANDAL PROTECTION, AND BARRIER PROTECTION BETWEEN WORK AND NON-WORK AREAS.

CONFIDENTIALITY NOTICE: BUILDING OCCUPANT PRIVACY IS PARAMOUNT. NO PHOTOGRAPHY, VIDEOGRAPHY, OR COMMUNICATION WITH BUILDING OCCUPANTS IS PERMITTED. THIS RESTRICTION APPLIES TO ALL AREAS WITHIN THE PREMISES, INCLUDING BUT NOT LIMITED TO CLASSROOMS, HALLWAYS, COMMON AREAS, AND OUTDOOR SPACES.

STATE OF MISSOURI
 MICHAEL L. PARSON,
 GOVERNOR



GIBBENS DRAKE SCOTT, INC.
 Consulting Engineers
 9201 E. 63rd Street, Suite 100
 Raytown, Missouri 64133
 (816) 353-1790
 Missouri State Certificate of Authority #000816



OFFICE OF ADMINISTRATION
 DIVISION OF FACILITIES
 MANAGEMENT,
 DESIGN AND CONSTRUCTION

WAVERLY REGIONAL
 YOUTH CENTER

HVAC & BAS
 REPLACEMENT

WAVERLY REGIONAL
 YOUTH CENTER
 WAVERLY, MO

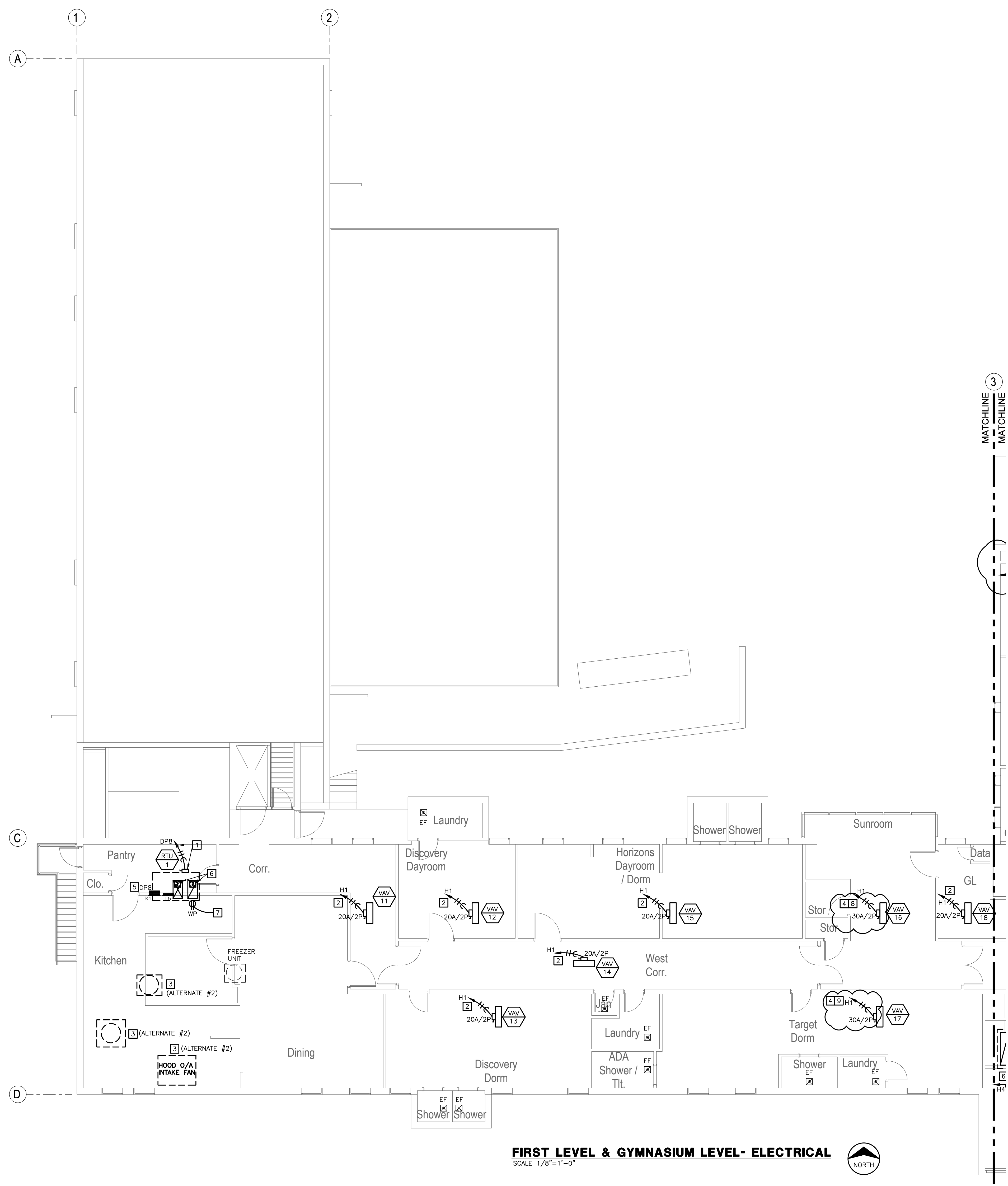
PROJECT # H2314-01
 SITE # 7707
 ASSET# 8877707003

REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 REVISION: Addendum #4
 DATE: 11/5/24
 ISSUE DATE: 9/13/2024
 BID SET

CAD DWG FILE: E-101
 DRAWN BY: JHD
 CHECKED BY: THA
 DESIGNED BY: GDS

SHEET TITLE:
**LOWER LEVEL
 ELECTRICAL PLAN**

SHEET NUMBER:
E-101
 36 OF 44 SHEETS
 09/13/24



ELECTRICAL GENERAL NOTES
 A. REFER TO SHEET E-001 FOR ELECTRICAL GENERAL NOTES.
 B. REFER TO SHEET E-001 FOR FIRE ALARM GENERAL NOTES.

ELECTRICAL PLAN NOTES

- REFER TO ELECTRICAL ONE-LINE DIAGRAM FOR CIRCUITING AND DISCONNECT INFORMATION.
- CONNECT TO NEW OR SPARE 20A/2P CIRCUIT BREAKER. FIELD VERIFY AND PROVIDE NEW BREAKER AS REQUIRED.
- ALTERNATE #2. DISCONNECT FROM POWER AND REMOVE EXISTING UPBLAST EXHAUST FAN, KITCHEN HOOD EXHAUST FAN, AND MAKEUP AIR FAN. REMOVE ASSOCIATED CIRCUITING THAT CANNOT BE REUSED. CIRCUIT NEW FANS PER MANUFACTURE'S INSTRUCTIONS. REFERENCE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE 2-#10, 1-#10 GROUND IN 3/4" CONDUIT.
- ALTERNATE ASSOCIATED WITH THIS EQUIPMENT. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- PROVIDE DUCT SMOKE DETECTOR. COORDINATE REQUIREMENTS WITH HVAC EQUIPMENT MANUFACTURER. PROVIDE CONNECTION TO EXISTING FIRE ALARM SYSTEM AS REQUIRED.
- FACTORY MOUNTED RECEPTACLE. CONNECT TO NEAREST CIRCUIT SERVING RECEPTACLES ON THE ROOF OR TO NEW OR SPARE CIRCUIT BREAKER IN NEAREST 120V PANEL.
- CONNECT TO NEW OR SPARE 25A/2P CIRCUIT BREAKER. FIELD VERIFY AND PROVIDE NEW BREAKER AS REQUIRED.
- CONNECT TO NEW OR SPARE 30A/2P CIRCUIT BREAKER. FIELD VERIFY AND PROVIDE NEW BREAKER AS REQUIRED.

MISCELLANEOUS NOTES

CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIR OF ANY DAMAGED ITEMS OR SURFACES RESULTING FROM THEIR WORK ACTIVITIES. THIS INCLUDES, BUT IS NOT LIMITED TO, DAMAGES INCURRED DURING DEMOLITION, CONSTRUCTION, INSTALLATION, OR ANY OTHER RELATED TASKS. THE CONTRACTOR IS EXPECTED TO PROMPTLY IDENTIFY AND ADDRESS ANY DAMAGES, ENSURING THAT THE AFFECTED AREAS ARE RESTORED TO THEIR ORIGINAL CONDITION AT THEIR OWN EXPENSE. IT IS IMPERATIVE THAT ALL NECESSARY REPAIRS ARE COMPLETED TO THE SATISFACTION OF THE FMDC PROJECT MANAGER.

FIRE CAULK AROUND THE PERIMETER OF ALL NEW FLOOR, CEILING, AND WALL PENETRATIONS RESULTING FROM THIS NEW WORK, REGARDLESS OF FLOOR/WALL/CEILING/ROOF ASSEMBLY REQUIREMENT. PATCH OPEN AREAS IN EXISTING PLASTER CEILING WITHIN CEILING AREAS EXPOSED BY THIS NEW WORK. REFERENCE ARCHITECTURAL DRAWINGS FOR PATCHING DETAILS.

CONTRACTOR SHALL PROVIDE DAILY CLEANING, VANDAL PROTECTION, AND BARRIER PROTECTION BETWEEN WORK AND NON-WORK AREAS.

CONFIDENTIALITY NOTICE: BUILDING OCCUPANT PRIVACY IS PARAMOUNT. NO PHOTOGRAPHY, VIDEOGRAPHY, OR COMMUNICATION WITH BUILDING OCCUPANTS IS PERMITTED. THIS RESTRICTION APPLIES TO ALL AREAS WITHIN THE PREMISES, INCLUDING BUT NOT LIMITED TO CLASSROOMS, HALLWAYS, COMMON AREAS, AND OUTDOOR SPACES.

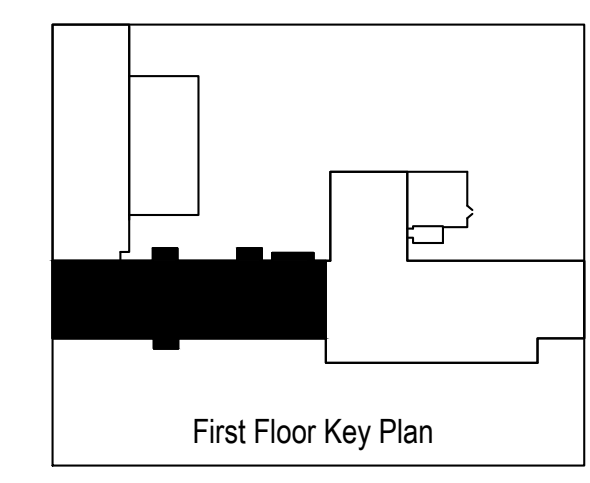
FIRST LEVEL & GYMNASIUM LEVEL- ELECTRICAL
 SCALE 1/8"=1'-0"



STATE OF MISSOURI
 MICHAEL L. PARSON,
 GOVERNOR



GIBBENS DRAKE SCOTT, INC.
 Consulting Engineers
 9201 E. 63rd Street, Suite 100
 Raytown, Missouri 64133
 (816) 358-1790
 Missouri State Certificate of Authority #000816



OFFICE OF ADMINISTRATION
 DIVISION OF FACILITIES
 MANAGEMENT,
 DESIGN AND CONSTRUCTION

WAVERLY REGIONAL
 YOUTH CENTER

HVAC & BAS
 REPLACEMENT

WAVERLY REGIONAL
 YOUTH CENTER
 WAVERLY, MO

PROJECT # H2314-01
 SITE # 7707
 ASSET# 8877707003

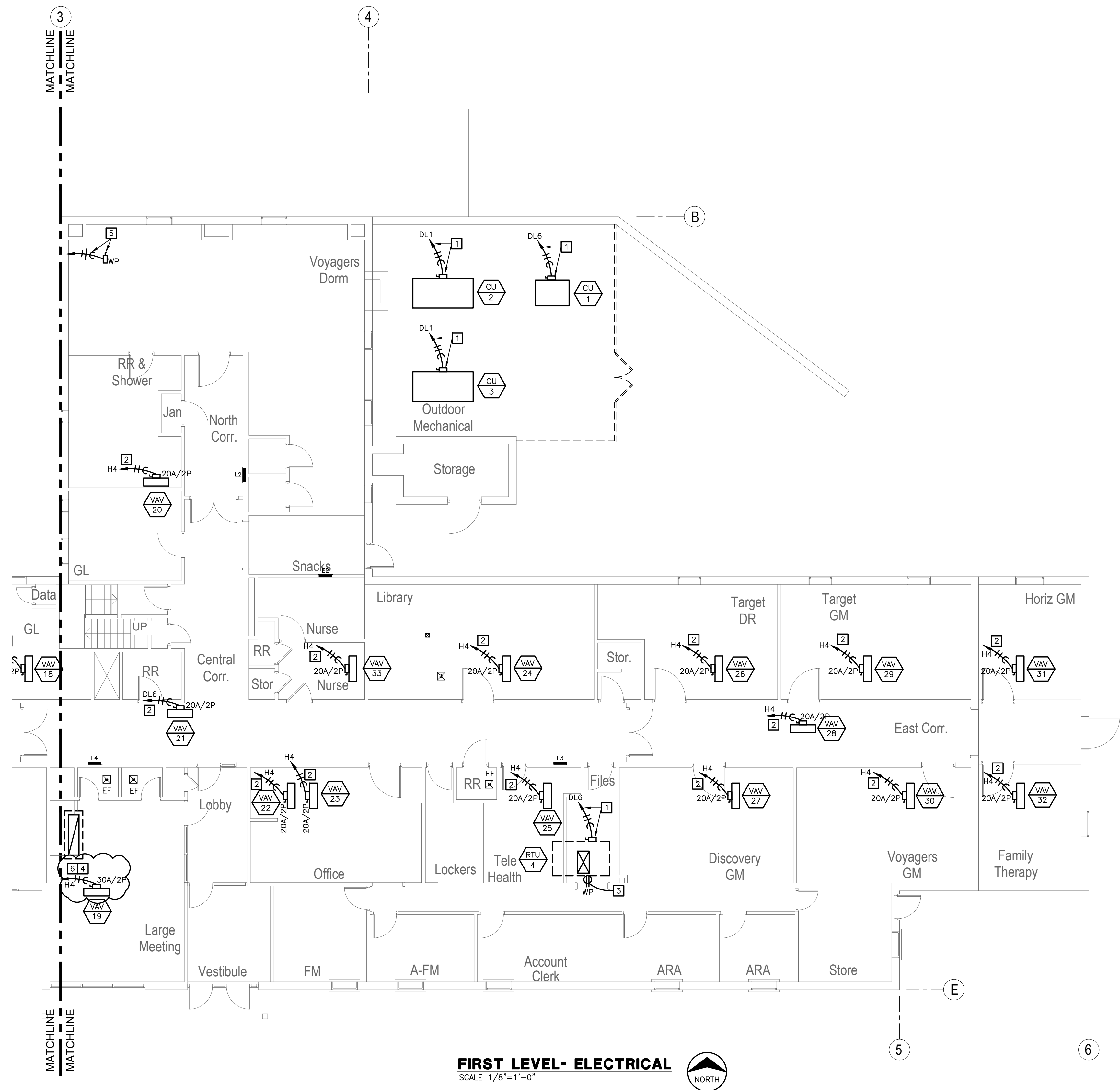
REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 REVISION: Addendum #4
 DATE: 11/5/24
 ISSUE DATE: 9/13/2024
 BID SET

CAD DWG FILE: E-111
 DRAWN BY: JHD
 CHECKED BY: THA
 DESIGNED BY: GDS

SHEET TITLE:
**FIRST LEVEL &
 GYMNASIUM LEVEL
 ELECTRICAL PLAN**

SHEET NUMBER:

E-111
 38 OF 44 SHEETS
 09/13/24



FIRST LEVEL - ELECTRICAL
 SCALE: 1/8"=1'-0"
 NORTH

ELECTRICAL GENERAL NOTES

- A. REFER TO SHEET E-001 FOR ELECTRICAL GENERAL NOTES.
- B. REFER TO SHEET E-001 FOR FIRE ALARM GENERAL NOTES.

ELECTRICAL PLAN NOTES

- 1 REFER TO ELECTRICAL ONE-LINE DIAGRAM FOR CIRCUITING AND DISCONNECT INFORMATION.
- 2 CONNECT TO NEW OR SPARE 20A/2P CIRCUIT BREAKER.
- 3 FACTORY MOUNTED RECEPTACLE. CONNECT TO NEAREST CIRCUIT SERVING RECEPTACLES ON THE ROOF OR TO NEW OR SPARE CIRCUIT BREAKER IN NEAREST 120V PANEL.
- 4 PROVIDE 2-#10, 1-#10 GROUND IN 3/4" CONDUIT.
- 5 ALTERNATE #1: PROVIDE POWER CONNECTION ON ROOF FOR ROOF-MOUNTED CRANE. COORDINATE LOCATION WITH CRANE INSTALLER AND MAKE FINAL CONNECTIONS TO CRANE AS REQUIRED. WEATHER-PROOF ANY PENETRATIONS. PROVIDE DEDICATED CIRCUIT CONNECTING TO SPARE OR NEW 20A/1P BREAKER IN NEAREST 120V PANEL. COORDINATE EXACT ELECTRICAL BREAKER SIZE AND REQUIREMENTS WITH CRANE MANUFACTURER'S SPECIFICATIONS.
- 6 CONNECT TO NEW OR SPARE 25A/2P CIRCUIT BREAKER. FIELD VERIFY AND PROVIDE NEW BREAKER AS REQUIRED.

MISCELLANEOUS NOTES

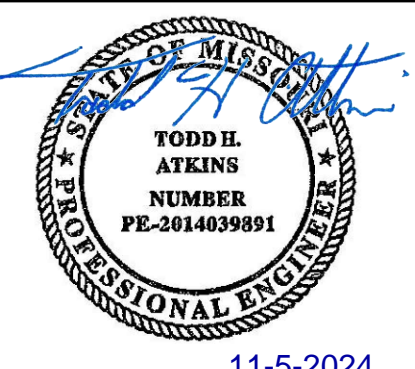
CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIR OF ANY DAMAGED ITEMS OR SURFACES RESULTING FROM THEIR WORK ACTIVITIES. THIS INCLUDES, BUT IS NOT LIMITED TO, DAMAGES INCURRED DURING DEMOLITION, CONSTRUCTION, INSTALLATION, OR ANY OTHER RELATED TASKS. THE CONTRACTOR IS EXPECTED TO PROMPTLY IDENTIFY AND ADDRESS ANY DAMAGES, ENSURING THAT THE AFFECTED AREAS ARE RESTORED TO THEIR ORIGINAL CONDITION AT THEIR OWN EXPENSE. IT IS IMPERATIVE THAT ALL NECESSARY REPAIRS ARE COMPLETED TO THE SATISFACTION OF THE FMDC PROJECT MANAGER.

FIRE CAULK AROUND THE PERIMETER OF ALL NEW FLOOR, CEILING, AND WALL PENETRATIONS RESULTING FROM THIS NEW WORK, REGARDLESS OF FLOOR/WALL/CEILING/ROOF ASSEMBLY REQUIREMENT. PATCH OPEN AREAS IN EXISTING PLASTER CEILINGS WITHIN CEILING AREAS EXPOSED BY THIS NEW WORK. REFERENCE ARCHITECTURAL DRAWINGS FOR PATCHING DETAILS.

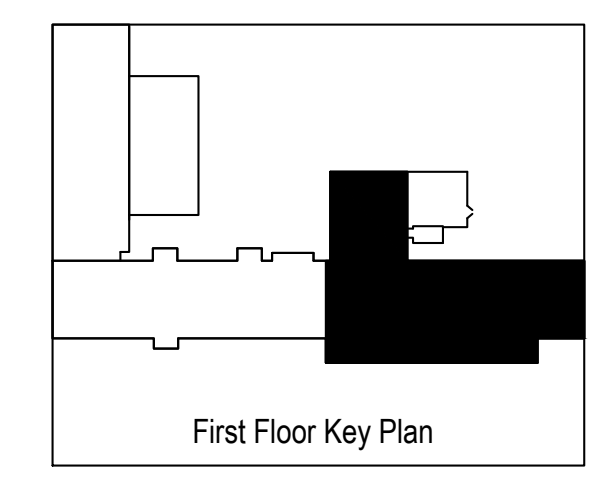
CONTRACTOR SHALL PROVIDE DAILY CLEANING, VANDAL PROTECTION, AND BARRIER PROTECTION BETWEEN WORK AND NON-WORK AREAS.

CONFIDENTIALITY NOTICE: BUILDING OCCUPANT PRIVACY IS PARAMOUNT. NO PHOTOGRAPHY, VIDEOGRAPHY, OR COMMUNICATION WITH BUILDING OCCUPANTS IS PERMITTED. THIS RESTRICTION APPLIES TO ALL AREAS WITHIN THE PREMISES, INCLUDING BUT NOT LIMITED TO CLASSROOMS, HALLWAYS, COMMON AREAS, AND OUTDOOR SPACES.

STATE OF MISSOURI
 MICHAEL L. PARSON,
 GOVERNOR



GIBBENS DRAKE SCOTT, INC.
 Consulting Engineers
 9201 E. 63rd Street, Suite 100
 Raytown, Missouri 64133
 (816) 353-1790
 Missouri State Certificate of Authority #000816



OFFICE OF ADMINISTRATION
 DIVISION OF FACILITIES
 MANAGEMENT,
 DESIGN AND CONSTRUCTION

WAVERLY REGIONAL
 YOUTH CENTER

HVAC & BAS
 REPLACEMENT

WAVERLY REGIONAL
 YOUTH CENTER
 WAVERLY, MO

PROJECT # H2314-01
 SITE # 7707
 ASSET# 8877707003

REVISION: _____
 DATE: _____
 REVISION: _____
 DATE: _____
 REVISION: Addendum #4
 DATE: 11/5/24
 ISSUE DATE: 9/13/2024
 BID SET

CAD DWG FILE: E-112
 DRAWN BY: JHD
 CHECKED BY: THA
 DESIGNED BY: GDS

SHEET TITLE:
**FIRST LEVEL &
 GYMNASIUM LEVEL
 ELECTRICAL PLAN**

SHEET NUMBER:

E-112

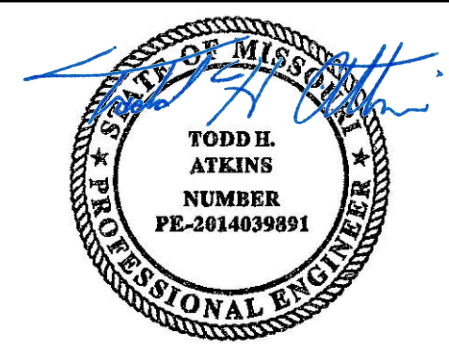
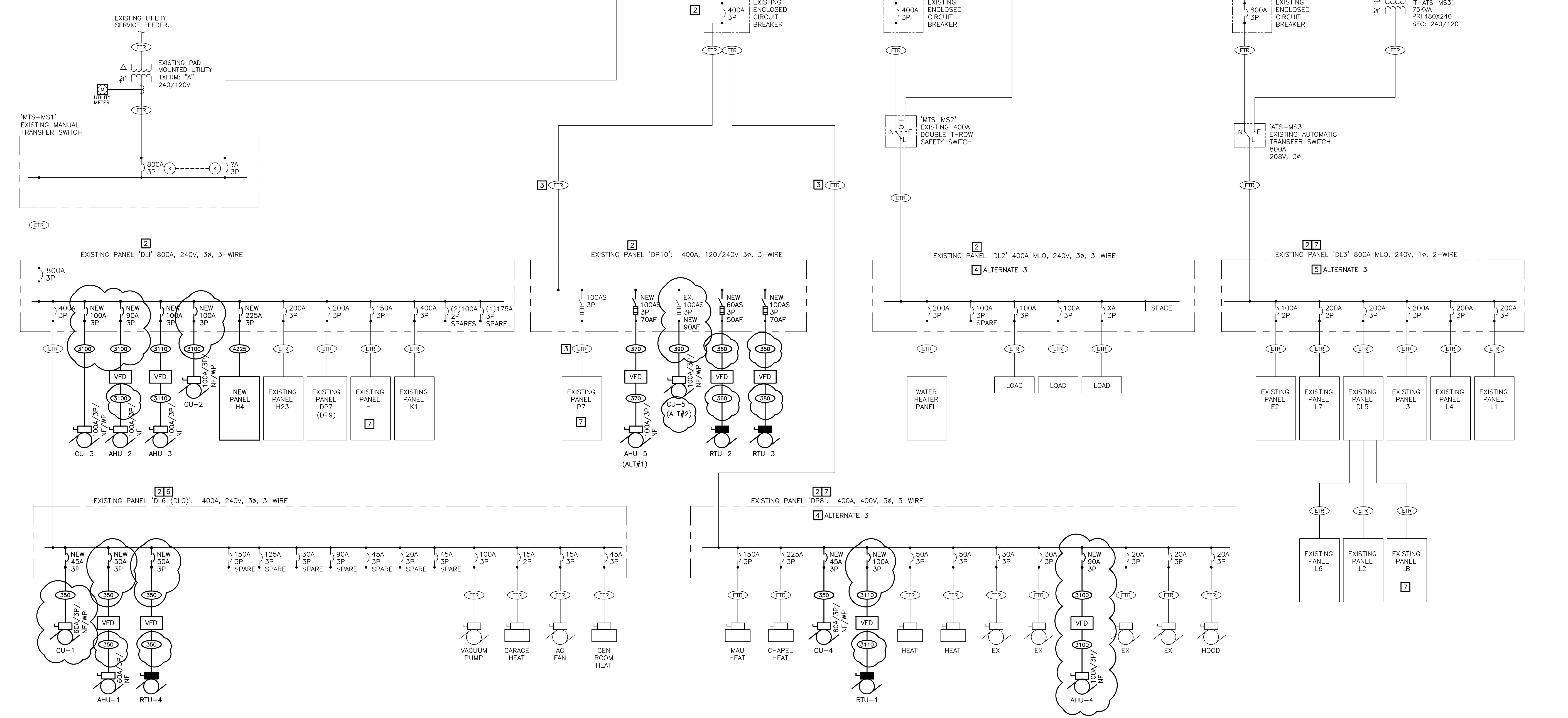
39 OF 44 SHEETS
 09/13/24

Standard CU, Feeder Schedule				EMT			
Number	Wire	Conduit (English)	Conduit (Metric)	Number	Wire	Conduit (English)	Conduit (Metric)
320	3-#12, 1-#12 Gnd	3/4" C	21	420	4-#12, 1-#12 Gnd	3/4" C	21
330	3-#10, 1-#10 Gnd	3/4" C	21	430	4-#10, 1-#10 Gnd	3/4" C	21
340	3-#8, 1-#10 Gnd	3/4" C	21	440	4-#8, 1-#10 Gnd	3/4" C	21
350	3-#8, 1-#10 Gnd	3/4" C	21	450	4-#8, 1-#10 Gnd	3/4" C	21
360	3-#6, 1-#10 Gnd	1" C	27	460	4-#6, 1-#10 Gnd	1" C	27
370	3-#6, 1-#8 Gnd	1" C	27	470	4-#6, 1-#8 Gnd	1" C	27
380	3-#4, 1-#8 Gnd	1 1/4" C	35	480	4-#4, 1-#8 Gnd	1 1/4" C	35
390	3-#4, 1-#6 Gnd	1 1/4" C	35	490	4-#4, 1-#6 Gnd	1 1/4" C	35
3100	3-#3, 1-#8 Gnd	1 1/4" C	35	4100	4-#3, 1-#8 Gnd	1 1/4" C	35
3110	3-#2, 1-#6 Gnd	1 1/2" C	41	4110	4-#2, 1-#6 Gnd	1 1/2" C	41
3125	3-#1, 1-#6 Gnd	1 1/2" C	41	4125	4-#1, 1-#6 Gnd	2" C	53
3150	3-#1/0, 1-#6 Gnd	1 1/2" C	41	4150	4-#1/0, 1-#6 Gnd	2" C	53
3175	3-#2/0, 1-#6 Gnd	2" C	53	4175	4-#2/0, 1-#6 Gnd	2" C	53
3200	3-#3/0, 1-#6 Gnd	2" C	53	4200	4-#3/0, 1-#6 Gnd	2" C	53
3225	3-#4/0, 1-#4 Gnd	2 1/2" C	63	4225	4-#4/0, 1-#4 Gnd	2 1/2" C	63
3250	3-250 kcmil, 1-#4 Gnd	2 1/2" C	63	4250	4-250 kcmil, 1-#4 Gnd	2 1/2" C	63
3300	3-350 kcmil, 1-#4 Gnd	3" C	78	4300	4-350 kcmil, 1-#4 Gnd	3" C	78
3350	3-400 kcmil, 1-#3 Gnd	3" C	78	4350	4-400 kcmil, 1-#3 Gnd	3" C	78
3400	3-500 kcmil, 1-#3 Gnd	3 1/2" C	91	4400	4-500 kcmil, 1-#3 Gnd	3 1/2" C	91
3450	2 sets, 3-#4/0, 1-#3 Gnd	2 1/2" C	63	4450	2 sets, 4-#4/0, 1-#3 Gnd	2 1/2" C	63
3500	2 sets, 3-250 kcmil, 1-#2 Gnd	2 1/2" C	63	4500	2 sets, 4-250 kcmil, 1-#2 Gnd	2 1/2" C	63
3600	2 sets, 3-350 kcmil, 1-#1 Gnd	3" C	78	4600	2 sets, 4-350 kcmil, 1-#1 Gnd	3" C	78
3700	2 sets, 3-400 kcmil, 1-#1/0 Gnd	3" C	78	4700	2 sets, 4-400 kcmil, 1-#1/0 Gnd	3" C	78
3800	2 sets, 3-500 kcmil, 1-#1/0 Gnd	3 1/2" C	91	4800	2 sets, 4-500 kcmil, 1-#1/0 Gnd	3 1/2" C	91
31000	3 sets, 3-400 kcmil, 1-#2/0 Gnd	3" C	78	41000	3 sets, 4-400 kcmil, 1-#2/0 Gnd	3" C	78
31200	4 sets, 3-350 kcmil, 1-#3/0 Gnd	3" C	78	41200	4 sets, 4-350 kcmil, 1-#3/0 Gnd	3" C	78
31600	5 sets, 3-400 kcmil, 1-#4/0 Gnd	3" C	78	41600	5 sets, 4-400 kcmil, 1-#4/0 Gnd	3" C	78
32000	6 sets, 3-400 kcmil, 1-250 kcmil Gnd	3" C	78	42000	6 sets, 4-400 kcmil, 1-250 kcmil Gnd	3" C	78
32500	7 sets, 3-500 kcmil, 1-350 kcmil Gnd	3 1/2" C	91	42500	7 sets, 4-500 kcmil, 1-350 kcmil Gnd	3 1/2" C	91
33000	8 sets, 3-500 kcmil, 1-400 kcmil Gnd	3 1/2" C	91	43000	8 sets, 4-500 kcmil, 1-400 kcmil Gnd	3 1/2" C	91
34000	11 sets, 3-500 kcmil, 1-500 kcmil Gnd	3 1/2" C	91	44000	11 sets, 4-500 kcmil, 1-500 kcmil Gnd	3 1/2" C	91
				45000	14 sets, 4-500 kcmil, 1-700 kcmil Gnd	3 1/2" C	91

NOTES:
1. CONDUIT SIZES ARE BASED ON EMT. CONTRACTOR SHALL ADJUST SIZES FOR PVC CONDUIT IN ACCORDANCE WITH NFPA 70 (NEC) ANNEX C.
2. ALLOWABLE AMPACITIES ARE BASED ON THE 75 DEGREES C COLUMN OF NFPA 70 (NEC) TABLE 310.15(B)(16). CONTRACTOR SHALL ADJUST AMPACITIES WHERE TERMINATIONS ARE ONLY RATED FOR 60 DEGREES C. FEEDER AMPACITIES SHALL ALSO BE DE-RATED FOR OTHER FACTORS AS PER NEC SUCH AS AMBIENT TEMPERATURES ABOVE 86 DEGREES F [TABLE 310.15(B)(2)(a)].

ELECTRICAL GENERAL NOTES:
A. CONTRACTOR SHALL PROVIDE CIRCUIT DIRECTORY WITH TYPED CIRCUIT DESIGNATION CARD UNDER PLASTIC COVER ON THE INSIDE OF EACH PANEL DOOR IN PANELS WHERE WORK WAS PERFORMED/ADDED.
B. CONTRACTOR SHALL FURNISH AND INSTALL NAMEPLATES ON ALL DISCONNECT SWITCHES, PANELBOARDS AND SWITCHBOARDS WHERE WORK IS PERFORMED/ADDED.
C. ALL NEW OVER-CURRENT PROTECTION DEVICES SHALL MATCH THE AIC RATING OF EXISTING DEVICES IN THAT EQUIPMENT.

ELECTRICAL PLAN NOTES
1. INSTALL NEW CIRCUIT BREAKER IN THE EXISTING PANELBOARD. THE NEW CIRCUIT BREAKER SHALL BE THE SAME TYPE AND HAVE THE SAME AIC RATING AS THE BREAKERS CURRENTLY INSTALLED IN THE PANELBOARD. FIELD COORDINATE MOUNTING REQUIREMENTS TO PROVIDE ALL NECESSARY MOUNTING HARDWARE.
2. FIELD INVESTIGATE, VERIFY, AND IDENTIFY THE ELECTRICAL EQUIPMENT THAT FEEDS THIS EQUIPMENT. LIKEWISE, DETERMINE THE SPECIFIC LOADS THIS ELECTRICAL EQUIPMENT FEEDS AFTER THE DEMO PHASE IS COMPLETE. IDENTIFY THIS PANEL'S/EQUIPMENT'S AMP RATING, VOLTAGE, PHASE, OCPDs, AND CONDUCTOR SIZES OF FEEDER AND BRANCH CIRCUITS THAT REMAIN AFTER DEMO. REPORT ALL FINDINGS TO THE ENGINEER. REMOVE INDICATIONS OF OUTDATED OR INCORRECT LOAD INFORMATION ON THIS PANELBOARD/EQUIPMENT. FOR DISTRIBUTION PANELS PROVIDE A NAMEPLATE NEXT TO EACH CIRCUIT BREAKER INDICATING THE LOAD FED BY THAT BREAKER. FOR BRANCH CIRCUIT PANELS PROVIDE AN UPDATED TYPED PANEL SCHEDULE.
3. FIELD VERIFY EXISTING FEEDER CONDUIT AND CONDUCTOR SIZES AND QUANTITIES AND REPORT TO ENGINEER PRIOR TO ORDERING ANY EQUIPMENT.
4. ALTERNATE 3: DISCONNECT AND REMOVE EXISTING PANEL. PROVIDE NEW PANEL WITH MATCHING ELECTRICAL SPECS (AMP, VOLTAGE, AIC, ETC.) AND CIRCUIT BREAKER SIZES AS INDICATED TO ACCOMMODATE EXISTING AND NEW LOADS. THE PANEL SHALL HAVE 42 POLE CAPACITY. RECONNECT EXISTING FEEDER AND LOADS.
5. ALTERNATE 3: DISCONNECT AND REMOVE EXISTING PANEL. PROVIDE NEW PANEL WITH MATCHING ELECTRICAL SPECS (AMP, VOLTAGE, AIC, ETC.) AND CIRCUIT BREAKER SIZES AS INDICATED TO ACCOMMODATE EXISTING LOADS. THE PANEL SHALL HAVE 24 POLE CAPACITY WITH 100A/3P SPARES. RECONNECT EXISTING FEEDER AND LOADS.
6. PROVIDE BLANK COVERPLATES AS REQUIRED TO COVER EXPOSED PANEL INTERIOR.
7. PANEL LABEL APPEARS TO INDICATE INCORRECT PANEL DATA. FIELD VERIFY ACTUAL PANEL AND SYSTEM AMPS, VOLTAGE, PHASE, AND WIRE DATA. REPORT FINDINGS TO ENGINEER. PROVIDE NEW CORRECTED PANEL LABEL AS REQUIRED.



11-5-2024
TODD H. ATKINS
LICENSE # E-2014039991
PRINTED COPIES OF THIS DOCUMENT ARE NOT
CONSIDERED SIGNED AND SEALED AND THE
SIGNATURE MUST BE VERIFIED ON ANY
ELECTRONIC COPIES

GIBBENS DRAKE SCOTT, INC.
Consulting Engineers
9201 E. 63rd Street, Suite 100
Raytown, Missouri 64133
(816) 353-1790
Missouri State Certificate of Authority #000816

OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES
MANAGEMENT,
DESIGN AND CONSTRUCTION

WAVERLY REGIONAL
YOUTH CENTER

HVAC & BAS
REPLACEMENT

WAVERLY REGIONAL
YOUTH CENTER
WAVERLY, MO

PROJECT # H2314-01
SITE # 7707
ASSET# 8877707003

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
REVISION: Addendum #4
DATE: 11/5/24
ISSUE DATE: 9/13/2024
BID SET

CAD DWG FILE: E-601
DRAWN BY: JHD
CHECKED BY: THA
DESIGNED BY: GDS

SHEET TITLE:
**ELECTRICAL
ONE-LINE DIAGRAM**

SHEET NUMBER:

E-601

41 OF 44 SHEETS
09/13/24