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3. DO NOT SCALE OFF DIMENSIONS.

NO.	DATE	DESCRIPTION
2	02/26/2024	ADDENDUM 02

BID SET

PROJECT PHASE

2307

BOOMERANG DESIGN PROJECT NUMBER

02.07.2024

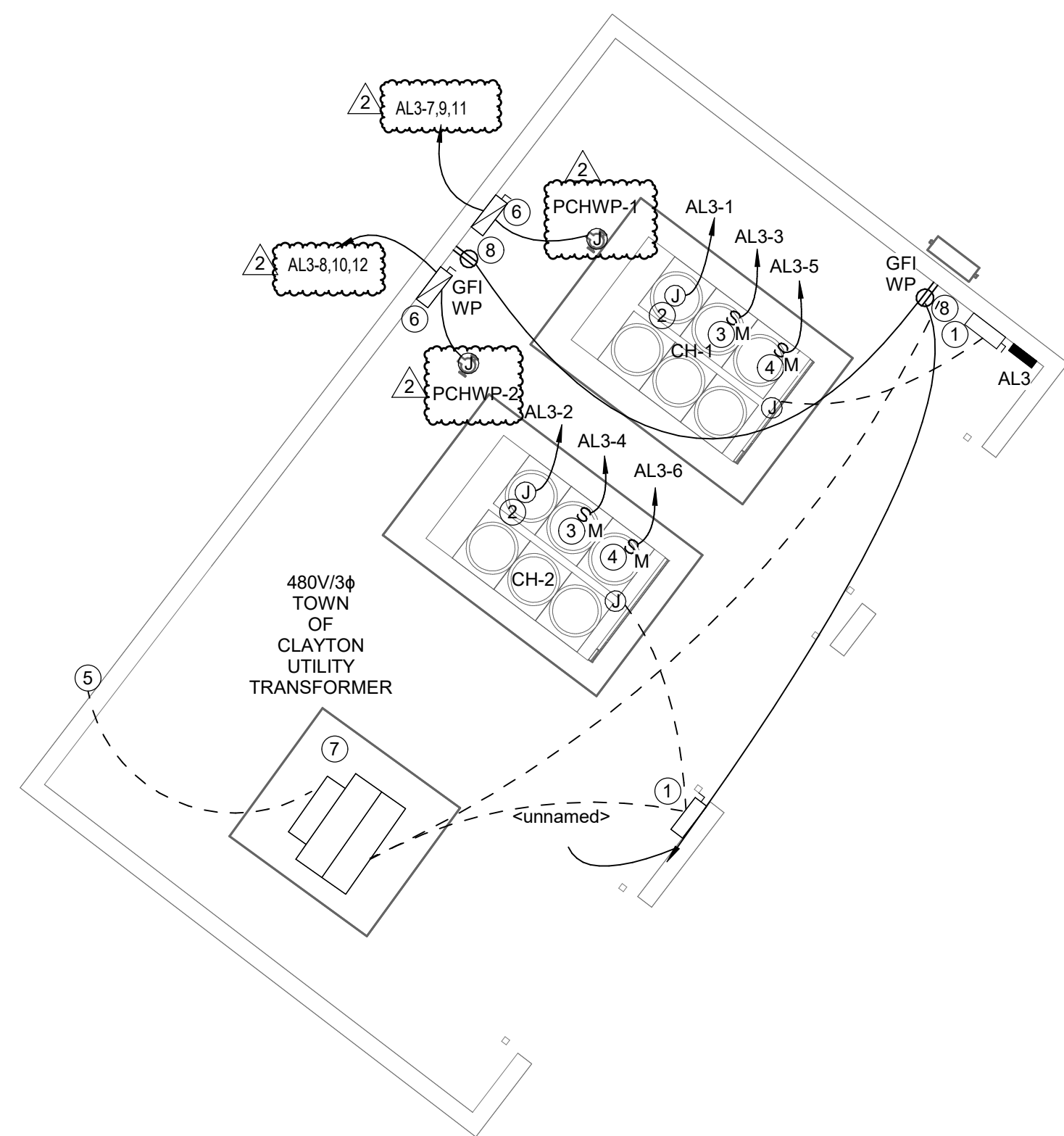
DRAWING RELEASE DATE

ENLARGED POWER
PLAN - MECHANICAL
YARD PLAN

SHEET TITLE

E101A

SHEET



GENERAL NOTES:

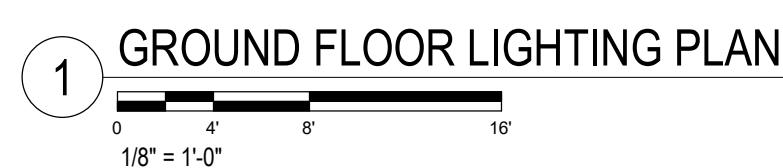
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPORTING ALL DISCONNECTS, PANEL, RECEPTACLES ETC. IN SERVICE YARD. COORDINATE CLOSELY WITH HVAC CONTRACTOR.
- REFER TO CIVIL SITE PLANS.
- ALL UTILITY WORK SHALL BE COORDINATED WITH TOWN OF CLAYTON UTILITIES DEPARTMENT.
- ALL RECEPTACLES SHALL BE TAMPER RESISTANT.

KEYNOTES:

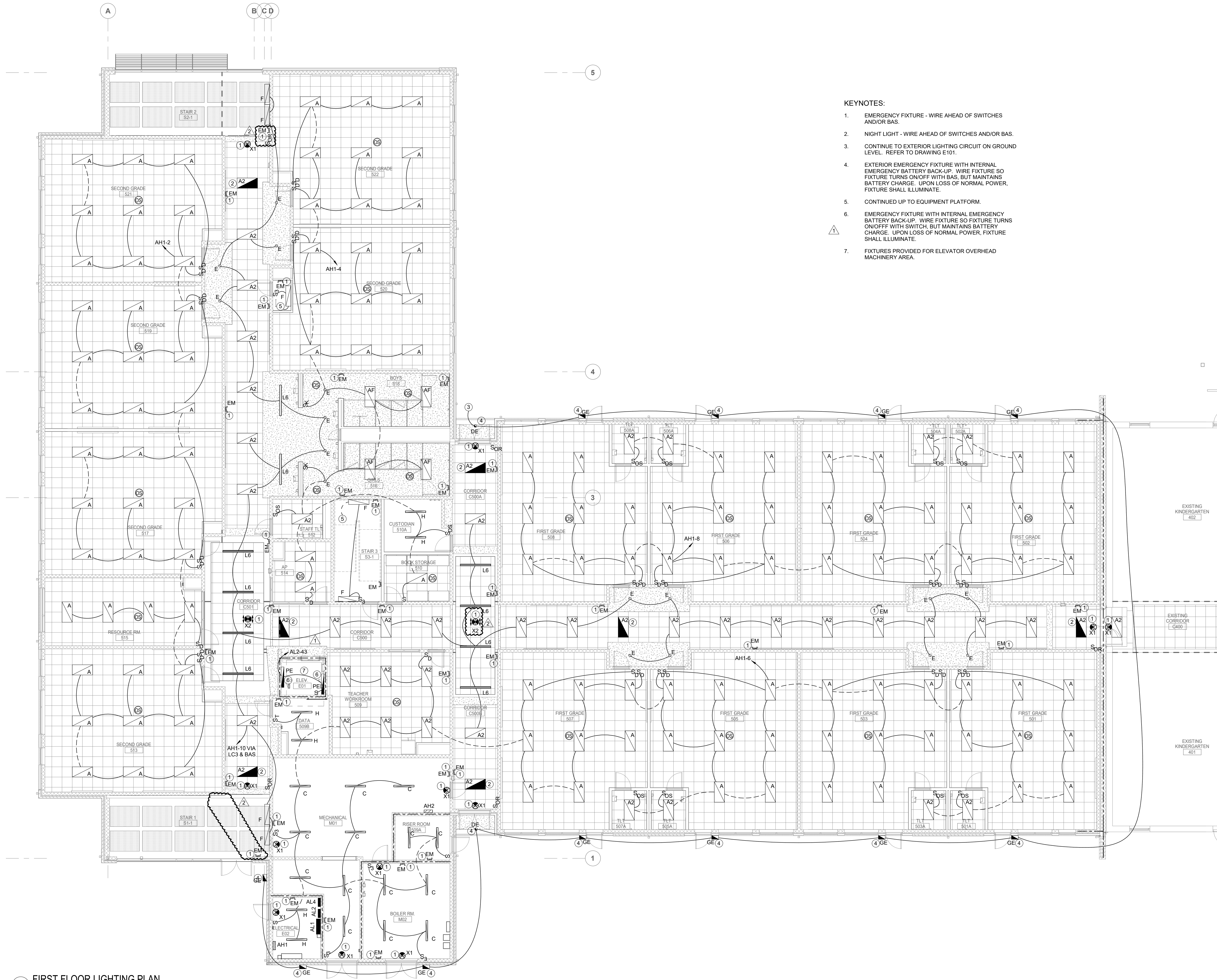
- SERVICE ENTRANCE RATED, 600 VOLT, 400 AMP, 3 POLE, NEMA-3R, FUSIBLE DISCONNECT SWITCH FOR CHILLER. COORDINATE EXACT LOCATION AND FUSE SIZES WITH MECHANICAL CONTRACTOR. MOUNT DISCONNECTS ON GALVANIZED STEEL ANGLE AND UNISTRUT SUPPORTS EMBEDDED IN CONCRETE.
- NEMA-3R, 120VAC JUNCTION BOX FOR HVAC CONTROLS. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- 120 VOLT, 20 AMP, N3R, MOTOR RATED TOGGLE DISCONNECT SWITCH FOR CHILLER HEAT TRACE. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- 120 VOLT, 20 AMP, N3R, MOTOR RATED TOGGLE DISCONNECT SWITCH FOR CHILLER PIPING HEAT TRACE. COORDINATE EXACT LOCATION WITH MECHANICAL CONTRACTOR.
- UTILITY COMPANY MEDIUM VOLTAGE PRIMARY COORDINATE WITH TOWN OF CLAYTON UTILITIES.
- 240V, 30A, 3P, N3R, FUSIBLE DISCONNECT SWITCH FOR PUMP. FUSE PER MANUFACTURER RECOMMENDATIONS. COORDINATE FINAL LOCATION WITH MECHANICAL CONTRACTOR. MOUNT DISCONNECTS ON GALVANIZED STEEL ANGLE AND UNISTRUT SUPPORTS EMBEDDED IN CONCRETE.
- PROVIDE 3000PSI CONCRETE PAD FOR UTILITY TRANSFORMER. COORDINATE FINAL SIZE AND OPENINGS WITH TOWN OF CLAYTON UTILITY DEPARTMENT.
- MOUNT RECEPTACLES TO SUPPORT FRAME.

CHILLER YARD ELECTRICAL PLAN

1/8" = 1'-0"



2/26/2024 4:03:16 PM



1 FIRST FLOOR LIGHTING PLAN
1/8" = 1'-0"

FIRE RATED WALLS
1 HR RATED

KEYNOTES:

1. EMERGENCY FIXTURE - WIRE AHEAD OF SWITCHES AND/OR BAS.
2. NIGHT LIGHT - WIRE AHEAD OF SWITCHES AND/OR BAS.
3. CONTINUE TO EXTERIOR LIGHTING CIRCUIT ON GROUND LEVEL. REFER TO DRAWING E101.
4. EXTERIOR EMERGENCY FIXTURE WITH INTERNAL EMERGENCY BATTERY BACK-UP. WIRE FIXTURE SO FIXTURE TURNS ON/OFF WITH BAS, BUT MAINTAINS BATTERY CHARGE. UPON LOSS OF NORMAL POWER, FIXTURE SHALL ILLUMINATE.
5. CONTINUED UP TO EQUIPMENT PLATFORM.
6. EMERGENCY FIXTURE WITH INTERNAL EMERGENCY BATTERY BACK-UP. WIRE FIXTURE SO FIXTURE TURNS ON/OFF WITH SWITCH, BUT MAINTAINS BATTERY CHARGE. UPON LOSS OF NORMAL POWER, FIXTURE SHALL ILLUMINATE.
7. FIXTURES PROVIDED FOR ELEVATOR OVERHEAD MACHINERY AREA.

boomerang DESIGN
rethink, repurpose, results

SHS/BJ
201 S. Washington St., Suite 200
Shelby, NC 28150
704/956-6000

CHARLOTTE
1230 W. Morehead St., Suite 214
Charlotte, NC 28208
704/731-7000

RALEIGH
6131 Falls of Neuse Rd., Suite 204
Raleigh, NC 27609
919/775-6400

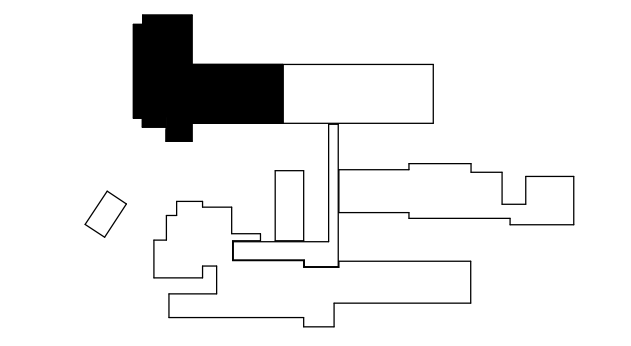
LEWISTON
1070 S. Lake Dr., Suite J
Lewiston, NC 28113
803/754-0507

pdc
Progressive Design Collaborative, Ltd.
3101 Poplarwood Court, Suite 320
Raleigh, North Carolina 27604
919-790-9989
License# C-0183
PROJECT #23015

**COOPER ACADEMY
A & R**
PROJECT TITLE

"CLIENT'S PROJECT" # - XXX

2024 NORTH CAROLINA PROFESSIONAL SEAL 074651
02/26/2024
TBTUKOVICH@PDCENGINEERS.COM



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2	02/26/2024	ADDENDUM 02

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PROJECT PHASE
2307
BOOMERANG DESIGN PROJECT NUMBER
02.07.2024
DRAWING RELEASE DATE

**FIRST FLOOR
LIGHTING PLAN**
SHEET TITLE
E202
SHEET



E402