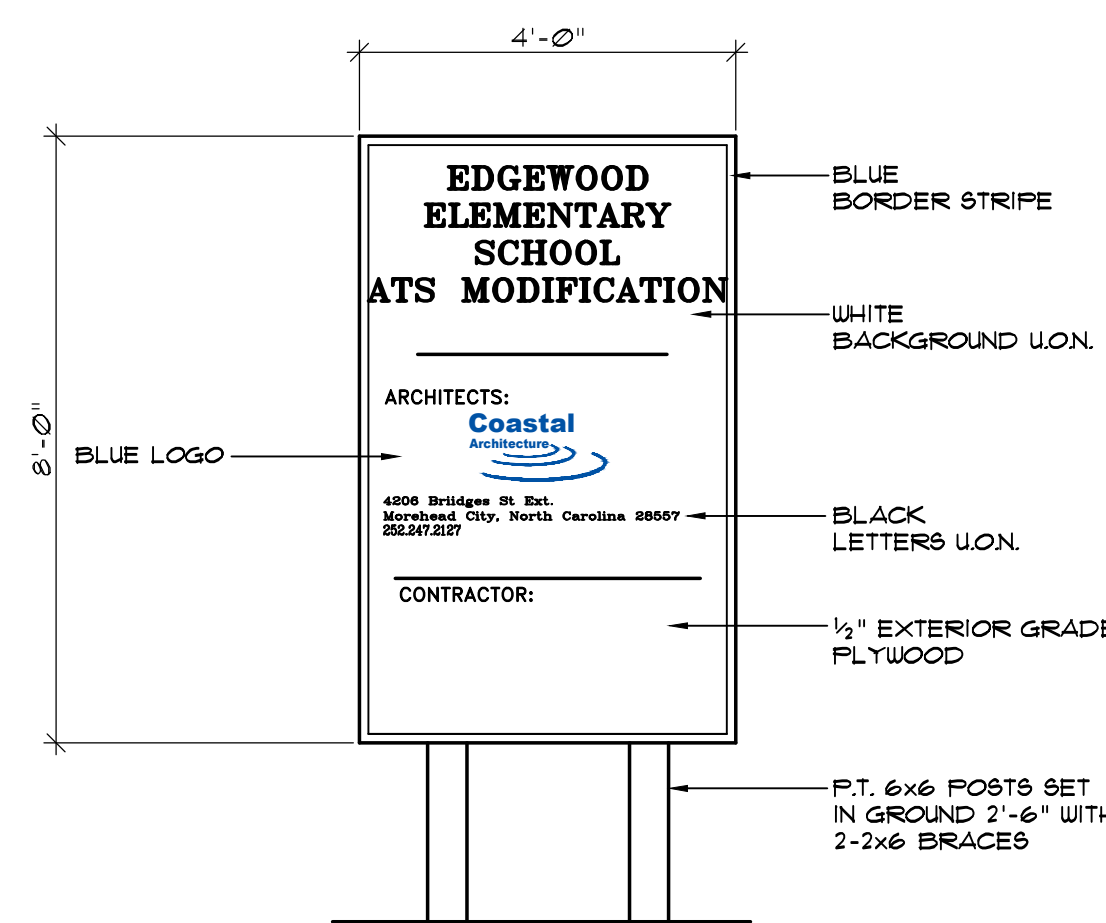


EDGEWOOD
ELEMENTARY SCHOOL
ATS MODIFICATION
317 E. CALHOUN ST.
WHITEVILLE, NORTH CAROLINA



1 PROJECT SIGN
CS-1 NOT TO SCALE
NOTE: SUBMIT SHOP DRAWING FOR COORDINATION OF LETTER HEIGHTS SPECIFIC SIGN COLORS.

DRAWING LIST

CS-1	COVER SHEET
E1	ELECTRICAL SPECS AND DETAILS
E2	ELECTRICAL SITE PLAN
E3	ELECTRICAL RIGER



Coastal Architecture, DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS
The Drawings, Specifications and other documents prepared by Coastal Architecture, the Designer, for this project are instruments of service for use solely with respect to this project and, unless otherwise provided, the Designer shall be deemed the author of these documents and shall retain all common law, statutory and other reserved rights, including copyright protection. The Owner shall be permitted to retain copies of the Designer's drawings, Specifications, and other documents for information and reference in connection with the Owner's use and occupancy of this project. No portions in part or in whole of the Drawings, Specifications and other documents shall be duplicated or used by the Owner or others for additions to this Project, completion of this Project by others, or on other Projects without written consent by the Designer.

Coastal
Architecture

- Architectural Design
- Planning
- Interiors

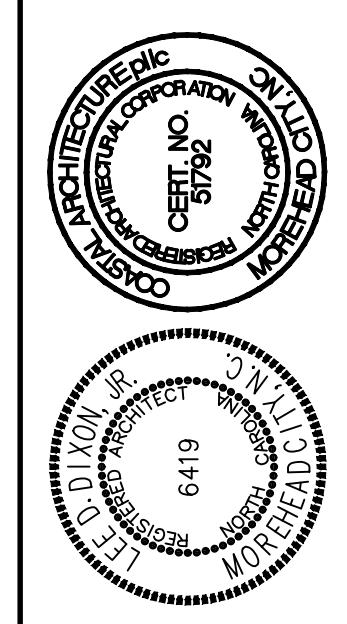
AIA
Member of the American Institute of Architects

Lee D. Dixon, Jr., AIA
252-247-2127
lee@coastalarchitecture.net

4206 Bridges St. Ext., Suite C
Morehead City, NC 28557

www.CoastalArchitecture.net

EDGEWOOD ELEMENTARY SCHOOL
ATS MODIFICATIONS
WHITEVILLE, NORTH CAROLINA



COVER SHEET

25023

ISSUED: 7/28/2026
DWG BY: MSG
CKD BY: LDD

REVISIONS

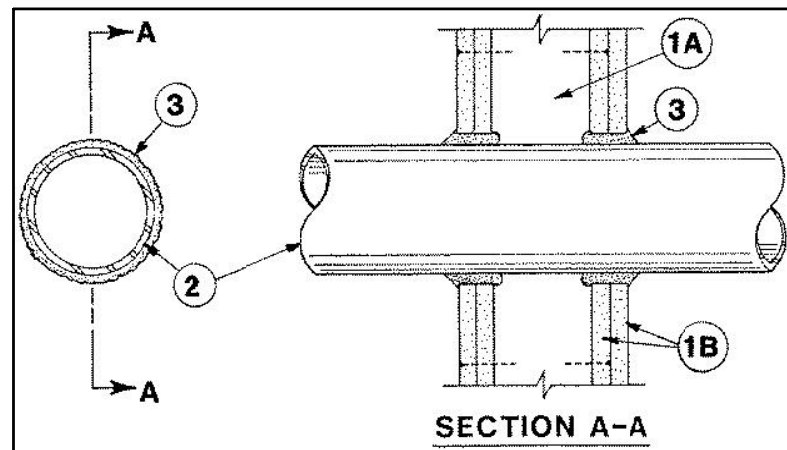
SHEET NO.
CS-1
OF

F Ratings --- 1, 2, 3 and 4 Hr (See Items 2 and 3)

T Ratings --- 0, 1, 2, 3, and 4 Hr (See Item 3)

L Rating At Ambient - less than 1 CFM/sq ft

L Rating At 400 F - less than 1 CFM/sq ft



1. **Wall Assembly** --- The 1, 2, 3 or 4 hr fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner described in the individual U300 or U400 Series Wall or Partition Designs in the UL Fire Resistance Directory and shall include the following construction features:

A. **Studs** --- Wall framing may consist of either wood studs (max 2 h fire rated assemblies) or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced 16 in. OC with nom 2 by 4 in. lumber end plates and cross braces. Steel studs to be min 3-5/8 in. wide by 1-3/8 in. deep channels spaced max 24 in. OC.

B. **Gypsum Boards** --- Nom 1/2 or 5/8 in. thick, 4 ft. wide with square or tapered edges. The gypsum wallboard type, thickness, number of layers, fastener type and sheet orientation shall be as specified in the individual U300 or U400 Series Design in the UL Fire Resistance Directory. Max diam of opening is 26 in.

2. **Through-Penetrant** --- One metallic pipe, conduit or tubing installed either concentrically or eccentrically within the firestop system. The annular space between pipe, conduit, or tubing and periphery of opening shall be min of 0 in. (point contact) to max 2 in. Pipe, conduit or tubing to be rigidly supported on both sides of wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:

A. **Steel Pipe** --- Nom 24 in. diam (or smaller) Schedule 10 (or heavier) steel pipe.

B. **Iron Pipe** --- Nom 24 in. diam (or smaller) service weight (or heavier) cast iron soil pipe, nom 12 in. diam (or smaller) or Class 50 (or heavier) ductile iron pressure pipe.

C. **Conduit** --- Nom 6 in. diam (or smaller) steel conduit or nom 4 in. diam (or smaller) steel electrical metallic tubing.

D. **Copper Tubing** --- Nom 6 in. diam (or smaller) Type L (or heavier) copper tubing.

E. **Copper Pipe** --- Nom 6 in. diam (or smaller) Regular (or heavier) copper pipe.

F. **Through Penetrating Products** --- **Flexible Metal Piping** --- The following types of steel flexible metal gas piping may be used:

1. Nom 2 in. diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

OMEGA FLEX INC

2. Nom 1 in. diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

GASTITE, DIV OF TITEFLEX

3. Nom 1 in. diam (or smaller) steel flexible metal gas piping. Plastic covering on piping may or may not be removed on both sides of floor or wall assembly.

WARD MFG LLC

Fill, Void or Cavity Materials --- **Caulk or Sealant** --- Min 5/8, 1-1/4, 1-7/8 and 2-1/2 in. thickness of caulk for 1, 2, 3 and 4 hr rated assemblies, respectively, applied within annulus, flush with both surfaces of wall. Min 1/4 in. diam bead of caulk applied to gypsum board/penetrant interface at point contact location on both sides of wall. The hourly F Rating of the firestop system is dependent upon the hourly fire rating of the wall assembly in which it is installed, as shown in the following table. The hourly T Rating of the firestop system is dependent upon the type or size of the pipe or conduit and the hourly fire rating of the wall assembly in which it is installed, as tabulated below:

Max Pipe or Conduit Diam in	F RATING Hr	T RATING Hr
1	1 or 2	0+, 1 or 2
1	3 or 4	3 or 4
4	1 or 2	0
6	3 or 4	0
12	1 or 2	0

+When copper pipe is used, T Rating is 0 hr.

JM COMPANY --- CP 25WB+ or FB-3000 WT.

+Bearing the UL Classification Mark

DIVISION 16 - ELECTRICAL

PART 1 - GENERAL

1.1 DESCRIPTION OF THE WORK

A. Work under this section includes, but is not necessarily limited to, furnishing and installing the following:

1. Electrical service and service equipment.
2. Lighting and power distribution system.
3. Provide lighting fixtures selected by owner with lamps to match.
4. Wiring devices, boxes, cover plates, etc.
5. Source of power for all items of equipment.
6. Grounding.
7. Other requirements and/or systems where shown.

B. All work shall be complete and items, equipment, etc., shall be electrically connected for proper and correct operation.

C. All work under this contract shall be installed in accordance with the latest edition of the following codes and standards insofar as they apply:

1. The 2020 National Electrical Code.
2. The National Electrical Safety Code.
3. Underwriter's Laboratories, Inc., Standards and approved listings.
4. Electrical Testing Laboratories standards.
5. North Carolina Building Code, Latest Edition and Revisions.
6. All local codes and ordinances.

D. The Electrical Contractor shall be licensed in the State of North Carolina and have all local licenses required for the work.

E. Obtain all permits, licenses, inspections, etc., required for the work and pay for the same. Furnish final certificate of inspection and approval from the electrical inspector having jurisdiction prior to acceptance of the work.

F. All work shall be done by skilled mechanics and shall present a neat, trim, workmanlike condition when complete.

1.2 INTENT

A. The intent of these specifications and the accompanying drawings is to convey as reasonably as possible the requirements for a complete job ready for the building to operate. The Electrical Contractor shall take this into consideration and include in his base bid allowance for contingencies as will allow him to provide minor pieces of equipment and labor not specifically indicated but required for the job to operate properly, at no additional cost to the Owner.

1.3 COORDINATION

A. Coordinate work with other contractors. Notify Architect of apparent conflicts early to expedite construction.

If structural damage appears imminent, stop work and notify Architect for a decision before resuming operations.

B. Locations shown are approximate. The drawings do not give exact details as to elevations and locations of various pipes, fittings, ducts, conduit, etc., and do not show all offsets and other installation details which may be required. Coordinate all locations with architect before any rough-in.

1.4 SHOP DRAWINGS

A. Shop drawings shall be submitted for panels and service equipment, lighting, wiring devices, and cover plates. These may consist of the manufacturer's standard catalog or tear sheets and shall have the exact items being offered clearly identified.

PART 2 - PRODUCTS AND MATERIALS

2.1 GENERAL

A. All material shall be new and shall bear the manufacturer's name, trade name, and UL label where such standard has been established for the particular material. Materials shall be the standard products of manufacturer's regularly engaged in the manufacturer of the required type of equipment and the manufacturer's latest approved design.

1. Boxes installed in concealed locations shall be set flush with the finished surfaces.
2. Provide rated boxes in all fire barriers & walls installed per code.

2.2 NOT USED

2.3 CONDUCTORS

A. Conductors shall be color coded, sizes #8 and larger may be color taped on the job. Color coding shall be: Standard Practice.

B. Conductors shall be manufactured by Dodge, Southwire or approved equal. Conductors shall meet the latest requirements of NEMA and IPCEA and shall be UL approved.

C. Metallic sheathed "MC" cable may be used where allowed by N.E.C.

D. Conductors shall be spliced and taped as follows:

1. Size #10 and #12, use Ideal "Wing Nuts" or T&B "Piggy" connectors. Connectors shall be rated for 150 degrees C for use in recessed lighting fixtures.

2. Size #8 and larger shall be solderless screw and screw-clamping type, smoothly covered and shaped with rubber gum type with final cover vinyl plastic electrical type. In lieu of rubber gum and vinyl plastic type, factory fabricated approved preformed insulating covers may be used. All connectors shall be UL approved.

3. No split-bolt type connectors may be used.

E. All branch wire and connections shall be copper and sized per National Electric Code.

F. All conductors shall be continuous without splice between junction, outlet, device boxes, etc. No splicing will be permitted in panelboard cabinets, safety switches, etc.

G. All wiring in mechanical spaces shall be plenum rated.

H. Provide GFI protection within 6'-0" of any sink.

I. All multi-wire branch circuits shall comply with 2020 NEC, 210.4(B).

J. All wiring at medical facilities shall comply with 2020 NEC, 517.1.

2.4 PANELBOARDS, SAFETY SWITCHES

A. Panelboards shall comply with NEMA Standard PB 1 - Latest Edition and as manufactured by Square D or TE-Siemens.

B. The contractor shall be responsible for correctly phasing the circuits in the panelboards.

C. Safety switches shall be general duty type, size and rating as required for load service. Safety switches shall be fused or unfused as shown and/or as required. Safety switches serving motor loads shall be horsepower rated for load served.

2.5 NOT USED

2.6 WIRING DEVICES

A. Wiring devices shall be commercial grade by Bryant, Leviton, or approved equal. With matching cover. Color by Architect.

B. Wiring devices installed under a Kitchen Hood shall have stainless steel covers.

C. Wiring devices installed over counters shall comply with ANSI A117.1.

2.7 NOT USED

2.8 CONDUIT

A. PVC conduit will be allowed where N.E.C. approved.

B. All service conduit shall be rigid where exposed below 8'-0" AFF or exposed to the elements or hazardous conditions.

PART 3 - EXECUTION

3.1 CIRCUIT GROUNDING

A. All circuits shall contain an insulated, green, copper grounding conductor, sized in accordance with Table 250-95 of the NEC. Grounding conductors shall be connected to equipment grounding bus in panelboard and securely attached and grounded to the device or enclosure at the other end.

3.2 GROUNDING TYPE CONVENIENCE OUTLETS AND SWITCHES

A. Outlets and switches shall be solidly grounded to equipment grounding system with a green colored insulated conductor. Electrical connections shall be continuous from equipment ground bus in panelboard to the hex nut on the convenience outlet or switch.

3.3 MOTORS

A. All motors shall be connected to conduit system with short length (minimum length 24" and maximum length 36") of flexible liquidtight conduit.

3.4 NOT USED

3.5 EQUIPMENT LABELING

A. Provide permanent name plates for all panelboards, safety switches, wiring troughs, etc., for identification of equipment controlled, services, etc. Nameplates shall be securely and permanently attached to equipment with stainless steel screws. Nameplates shall include the name of the equipment and where it is fed from.

B. All switch plates, receptacle plates and outlet covers shall be labeled with machine printed vinyl labels identifying the circuit(s) within.

C. All empty conduit runs shall be identified and indicated where they terminate.

D. Provide typewritten directory in each panelboard to clearly identify each circuit, service, etc.

3.6 NOT USED

3.7 NOT USED

3.8 JUNCTION AND/OR PULL BOXES

A. Boxes shall be installed where necessary to avoid excessive runs and/or too many bends between outlets.

3.9 PULL WIRE

A. Leave pull wire in each empty conduit run.

3.10 NOT USED

3.11 GROUNDING

A. All grounding shall be in accordance with Article 250 of the NEC. In addition, the following requirements shall be met:

1. Grounding conductors shall be installed as to permit the shortest and most direct path from equipment to ground. All connections to grounding conductors shall be accessible.
2. Equipment ground continuity shall be maintained through flexible metal conduit.
3. All wiring devices equipped with grounding connection shall be solidly grounded to ground system with grounding conductors.
4. The frame of all lighting fixtures shall be securely grounded to the equipment ground system with grounding conductors.
5. All equipment enclosures, and non-current-carrying metallic parts of electrical equipment, raceway systems, etc., shall be effectively and adequately bonded to ground.
6. All equipment enclosures, and non-current-carrying metallic parts of electrical equipment, raceway systems, etc., shall be effectively and adequately bonded to ground.

3.12 ELECTRICAL WORK IN CONNECTION WITH OTHER WORK

A. **PLUMBING WORK:** The Electrical Contractor shall furnish and install switches and devices as shown and electrically connect electric water heaters, etc. All other electrical work required will be performed by the PLUMBING CONTRACTOR.

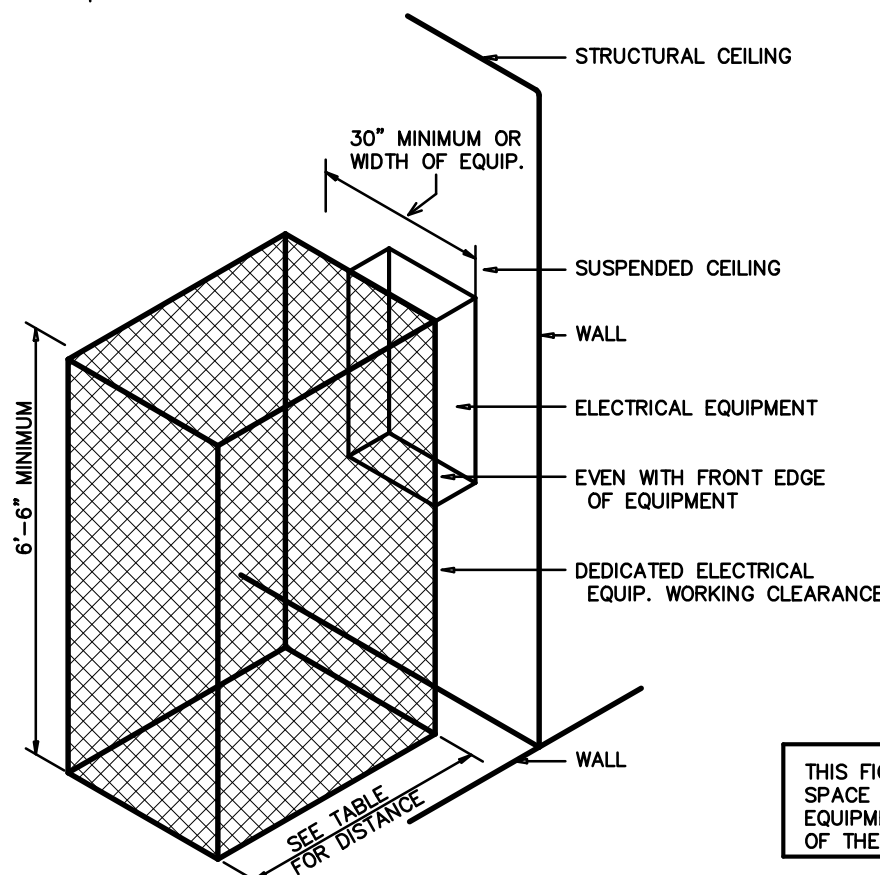
B. **HEATING AND AIR CONDITIONING WORK:** The Electrical Contractor shall provide all disconnect switches, starters, and associated hardware for the equipment furnished including all line and load side wiring and conduit. Final connections to the equipment will be by the HVAC contractor. All control wiring will be accomplished by the HVAC contractor. Coordinate all work associated with the HVAC contractor.

3.13 CLEAN UP

A. During construction, keep the site clean of debris. Upon completion, and before final inspection, clean up the premises to remove all evidence of work. In addition upon completion of construction leave equipment clean.

3.14 GUARANTEE

A. Guarantee all materials and labor included in the electrical work for a period of one year from date of final acceptance by the Owner. Any part or parts of the work or equipment which prove to be defective during the guarantee period shall be replaced at no additional cost to the Owner.



ELECTRICAL EQUIPMENT WORKING CLEARANCE
PER ARTICLE 110-26 OF N.E.C.

WORKING CLEARANCES			
VOLTAGE TO GROUND NOMINAL	MIN. CLEAR DISTANCE IN FEET		
CONDITION:	1	2	3
0-150	3	3	3
151-600	3	3-1/2	4

WHERE THE CONDITIONS ARE AS FOLLOWS:

1. EXPOSED LIVE PARTS ON ONE SIDE AND NO LIVE OR GROUNDING PARTS ON THE OTHER SIDE OF THE WORKING SPACE, OR EXPOSED LIVE PARTS ON BOTH SIDES EFFECTIVELY GUARDED BY SUITABLE WOOD OR INSULATED BUSBARS OPERATING AT NOT OVER 300V SHALL NOT BE CONSIDERED LIVE PARTS.
2. EXPOSED LIVE PARTS ON ONE SIDE AND GROUNDING PARTS ON THE OTHER SIDE.
3. EXPOSED LIVE PARTS ON BOTH SIDES OF THE WORK SPACE (NOT GUARDED AS PROVIDED IN CONDITION 1) WITH THE OPERATOR BETWEEN.

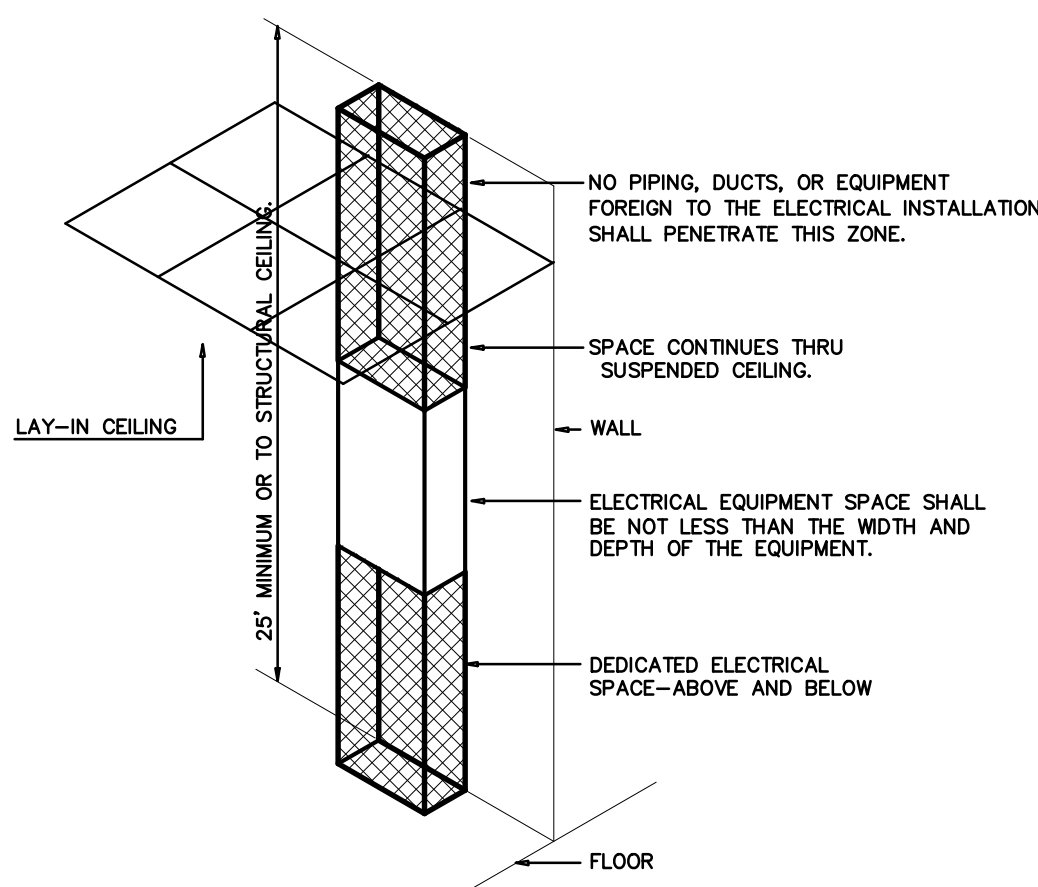
1 ELECTRICAL CLEARANCES

SCALE: NTS

2 DEDICATED SPACE

ELECTRICAL LEGEND

- _____ BRANCH CIRCUIT WIRING
- SWITCH LEG
- ||| GROUND CONNECTION
- ▭ DISTRIBUTION PANELBOARD
- DISCONNECTING MEANS AS REQUIRED BY CODE



ELECTRICAL EQUIPMENT DEDICATED SPACE
PER ARTICLE 110.26.F.1 OF N.E.C.

2 DEDICATED SPACE

SCALE: NTS

ENGINEER

BURKE DESIGN GROUP
3305-109 DURHAM DRIVE
RALEIGH, NC 27603
PHONE: (919) 771-1916
FAX: (919) 779-0828
email: ben@bdg-nc.com
Corp. License # C-2852

Coastal
Architecture
P.L.L.C.

Architectural
Design
Planning
Interiors

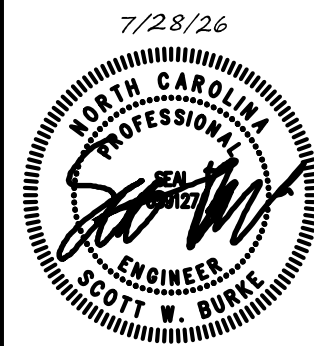


Member of the American
Institute of Architects

Lee D. Dixon, Jr., AIA
223-347-2127
lee@coastalarchitecture.net

4206 Bridges St. Ext.,
Suite C
Morehead City, NC
28557
www.coastalarchitecture.net

EDGEWOOD ELEMENTARY SCHOOL
ATS MODIFICATION
317 E. CALHOUN ST., WHITEVILLE
NORTH CAROLINA, 28472



ELEC SPECS & DETAILS

25023

ISSUED: 7/28/2026

DWG BY: SWB

CKD BY: BEB

REVISIONS



SITE PLAN
SCALE: NTS

VERIFY A WP/QF RECEPTACLE
IS WITHIN 25'-0" OF ALL
EXTERIOR ELECTRICAL EQUIPMENT.
IF NOT, PROVIDE.

ENGINEER
BURKE DESIGN GROUP
3305-109 DURHAM DRIVE
RALEIGH, NC 27603
PHONE: (919) 771-1916
FAX: (919) 779-0826
email: ben@bdg-nc.com
Corp. License # C-2652

Coastal
Architecture
P.C.

Architectural
Design
Planning
Interiors

ATA
Member of the American
Institute of Architects

Lee D. Dixon, Jr., AIA
252-247-2127
lee@coastalarchitecture.net

4206 Bridges St. Ext.,
Suite C
Morehead City, NC
28557
www.CoastalArchitecture.net

EDGEWOOD ELEMENTARY SCHOOL
ATS MODIFICATION
317 E. CALHOUN ST., WHITEVILLE
NORTH CAROLINA, 28472



ELECTRICAL SITE PLAN

25023

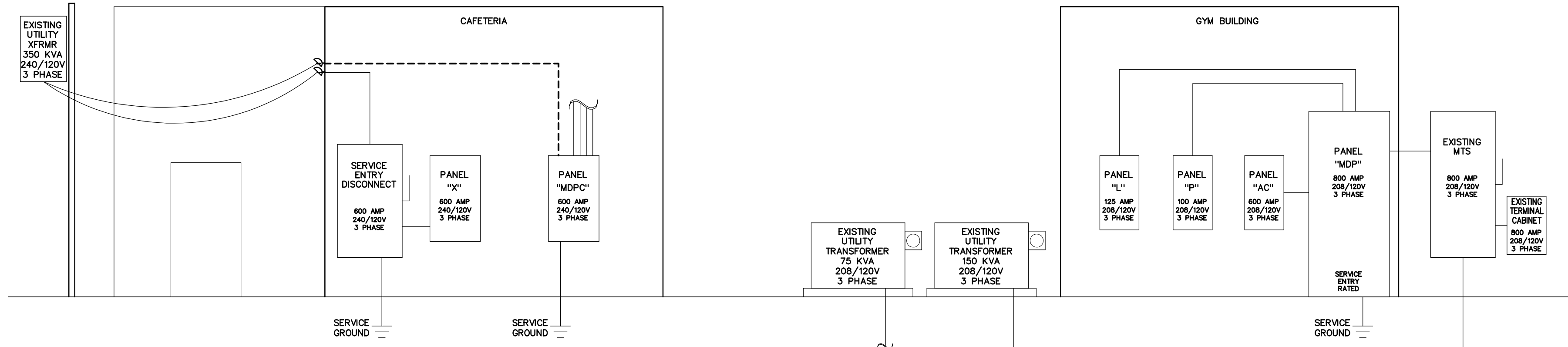
ISSUED: 7/28/2026
DWG BY: SWB
CKD BY: BEB

REVISIONS	

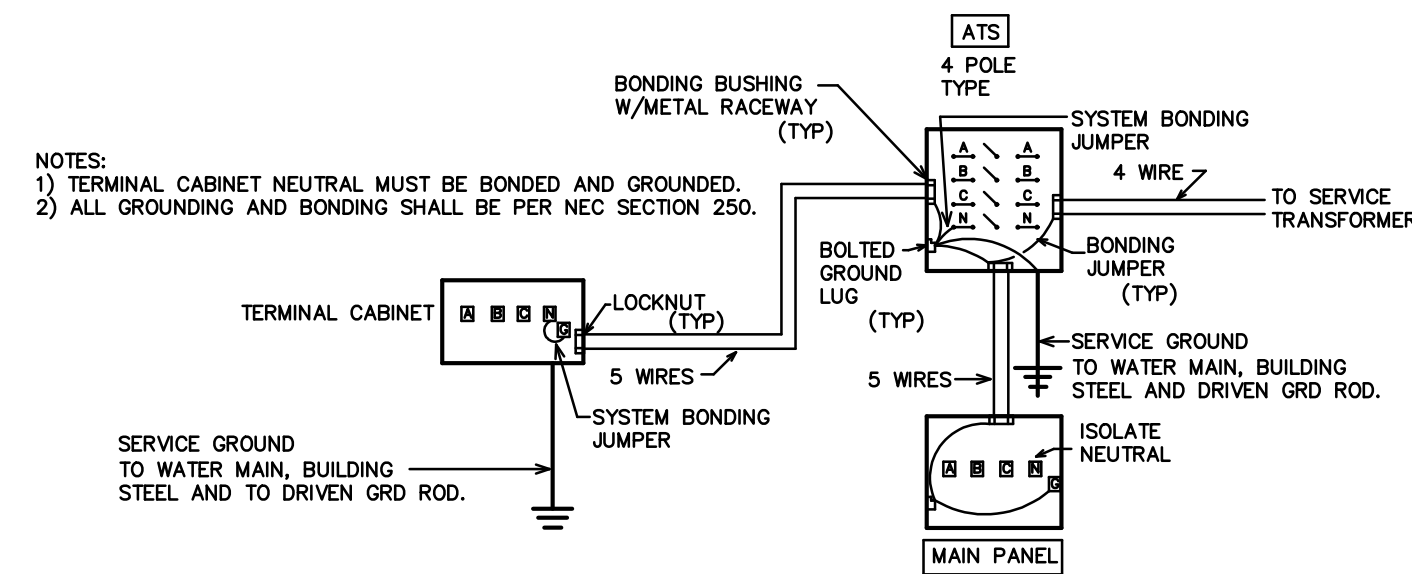
SHEET NO.
E2

SCOPE OF WORK STATEMENT
EXISTING: (1) 240/120V 3PH - 800 AMP FED FROM A 150KVA XFRMR (1) 240/120V 3PH - 600 AMP FED FROM A 350KVA XFRMR NEW WORK: -INTERCEPT EXISTING 600A CONDUCTORS FOR PANEL "MDPC" -PROVIDE 600A ATS-1 & 600A TERMINAL CABINET-1 -PROVIDE GROUNDING CONDUCTOR FOR NEW 600A ATS-1 & TERMINAL CABINET-1 -REMOVE BONDING JUMPER BETWEEN GROUND & NEUTRAL ON PANEL "MDPC" -PROVIDE ALL WIRING AS SHOWN IN RISER WIRING SCHEDULE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE TO VERIFY ALL EXISTING CONDITIONS PRIOR TO BID. ALL NEW WORK MUST MEET CODE AND PROVIDE THE FUNCTIONS REQUIRED TO ALLOW A TEMPORARY GENERATOR TO BE CONNECTED.

(ALTERNATE) SCOPE OF WORK STATEMENT
EXISTING: (1) 240/120V 3PH - 800 AMP FED FROM A 150KVA XFRMR (1) 240/120V 3PH - 600 AMP FED FROM A 350KVA XFRMR NEW WORK: -REPLACE EXISTING MTS WITH NEW 800A ATS-2 -REPLACE EXISTING TERMINAL CABINET WITH NEW 800A TERMINAL CABINET-2 -REMOVE BONDING JUMPER BETWEEN GROUND & NEUTRAL ON PANEL "MDP" -PROVIDE GROUNDING CONDUCTOR FOR NEW 800A ATS-2 & TERMINAL CABINET-2 -INTERCEPT EXISTING 600A CONDUCTORS FOR PANEL "MDPC" -PROVIDE 600A ATS-1 & 600A TERMINAL CABINET-1 -PROVIDE GROUNDING CONDUCTOR FOR NEW 600A ATS-1 & TERMINAL CABINET-1 -REMOVE BONDING JUMPER BETWEEN GROUND & NEUTRAL ON PANEL "MDPC" -PROVIDE ALL WIRING AS SHOWN IN RISER WIRING SCHEDULE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR VISITING THE SITE TO VERIFY ALL EXISTING CONDITIONS PRIOR TO BID. ALL NEW WORK MUST MEET CODE AND PROVIDE THE FUNCTIONS REQUIRED TO ALLOW A TEMPORARY GENERATOR TO BE CONNECTED.

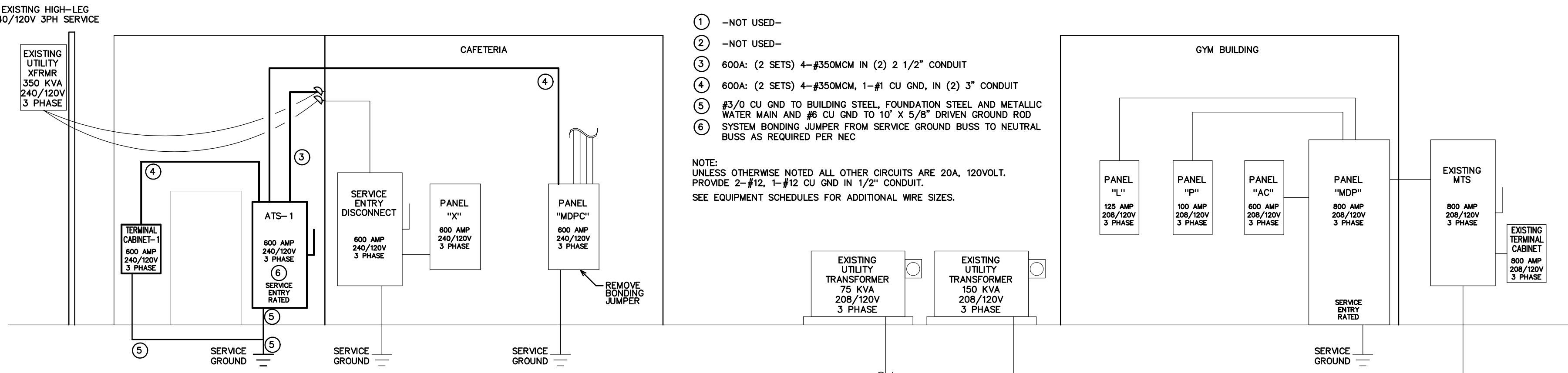


1 PARTIAL EXISTING ELECTRICAL RISER
SCALE: NTS



NOTE: PROVIDE PHENOLIC PLASTIC PLAQUES AT TERMINAL CABINET AND AT SERVICE DISCONNECT. THE PLAQUES SHOULD READ "ATS SWITCHES NEUTRAL AND THE NEUTRAL IS GROUNDING AND BONDED AT ATS."

4 SERVICE ENTRY ATS GROUNDING DETAIL
SCALE: NTS



RISER WIRING SCHEDULE

- 1 -NOT USED-
- 2 -NOT USED-
- 3 600A: (2 SETS) 4-#350MCM IN (2) 2 1/2" CONDUIT
- 4 600A: (2 SETS) 4-#350MCM, 1-#1 CU GND, IN (2) 3" CONDUIT
- 5 #3/0 CU GND TO BUILDING STEEL, FOUNDATION STEEL AND METALLIC WATER MAIN AND #6 CU GND TO 10' X 5/8" DRIVEN GROUND ROD
- 6 SYSTEM BONDING JUMPER FROM SERVICE GROUND BUSS TO NEUTRAL BUSS AS REQUIRED PER NEC

NOTE: UNLESS OTHERWISE NOTED ALL OTHER CIRCUITS ARE 20A, 120VOLT. PROVIDE 2-#12, 1-#12 CU GND IN 1/2" CONDUIT. SEE EQUIPMENT SCHEDULES FOR ADDITIONAL WIRE SIZES.

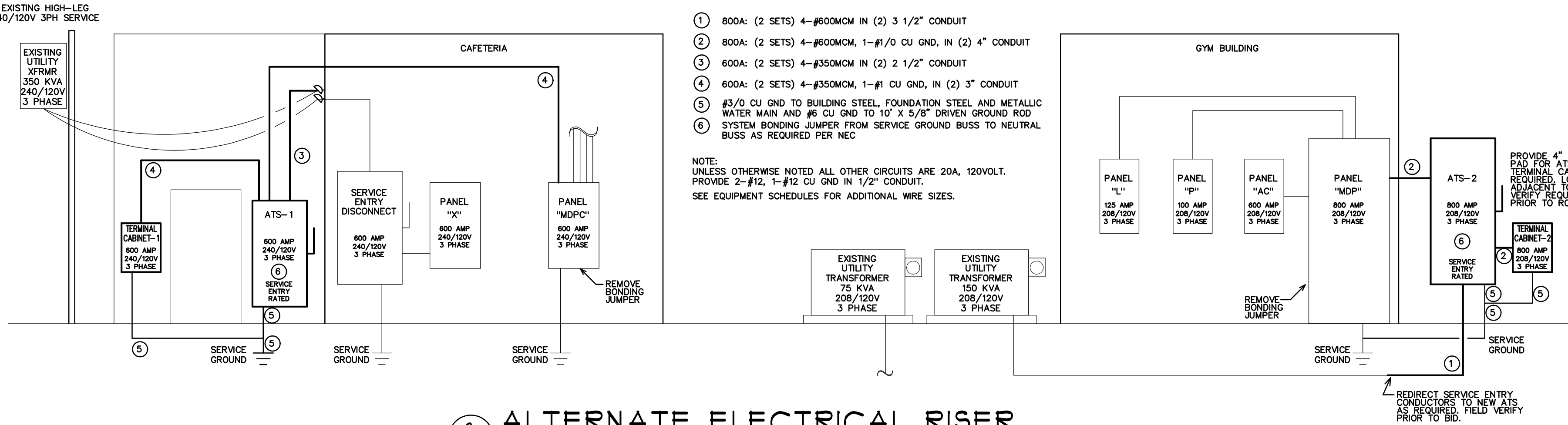
2 PROPOSED ELECTRICAL RISER
SCALE: NTS

(ATS) AUTOMATIC TRANSFER SWITCH SCHEDULE	
ATS-1 "STAND-BY"	* ASCO MODEL#J-07AUS-B-3-0600-F-50-M, SERVICE ENTRY RATED AUTOMATIC TRANSFER SWITCH, OPEN TRANSITION, 600 AMP, 240/120 VOLT, 3 PHASE, NEMA 3R RATED. PROVIDE GFI PROTECTION.
ATS-2 "STAND-BY" (ALTERNATE)	* ASCO MODEL#H-07AUS-B-3-0800-C-50-M, SERVICE ENTRY RATED AUTOMATIC TRANSFER SWITCH, OPEN TRANSITION, 800 AMP, 208/120 VOLT, 3 PHASE, NEMA 3R RATED. PROVIDE GFI PROTECTION.

* OR APPROVED EQUAL

TERMINAL CABINET SCHEDULE	
TERMINAL CABINET #1	* ASCO MODEL#30C-NC-A-A-3-0600-F-00-F TERMINAL CABINET, 600 AMP 240/120 VOLT 3 PHASE, NEMA 3R RATED.
TERMINAL CABINET #2 (ALTERNATE)	* ASCO MODEL#30C-NC-A-A-3-0800-F-00-F TERMINAL CABINET, 800 AMP 208/120 VOLT 3 PHASE, NEMA 3R RATED.

* OR APPROVED EQUAL



RISER WIRING SCHEDULE

- 1 800A: (2 SETS) 4-#600MCM IN (2) 3 1/2" CONDUIT
- 2 800A: (2 SETS) 4-#600MCM, 1-#1/0 CU GND, IN (2) 4" CONDUIT
- 3 600A: (2 SETS) 4-#350MCM IN (2) 2 1/2" CONDUIT
- 4 600A: (2 SETS) 4-#350MCM, 1-#1 CU GND, IN (2) 3" CONDUIT
- 5 #3/0 CU GND TO BUILDING STEEL, FOUNDATION STEEL AND METALLIC WATER MAIN AND #6 CU GND TO 10' X 5/8" DRIVEN GROUND ROD
- 6 SYSTEM BONDING JUMPER FROM SERVICE GROUND BUSS TO NEUTRAL BUSS AS REQUIRED PER NEC

NOTE: UNLESS OTHERWISE NOTED ALL OTHER CIRCUITS ARE 20A, 120VOLT. PROVIDE 2-#12, 1-#12 CU GND IN 1/2" CONDUIT. SEE EQUIPMENT SCHEDULES FOR ADDITIONAL WIRE SIZES.

REDIRECT SERVICE ENTRY CONDUCTORS TO NEW ATS PRIOR TO BID.

3 ALTERNATE ELECTRICAL RISER
SCALE: NTS

ENGINEER
BURKE DESIGN GROUP
3305-109 DURHAM DRIVE
RALEIGH, NC 27603
PHONE: (919) 771-1916
FAX: (919) 779-0826
email: ben@bdg-nc.com
Corp. License # C-2652

Coastal
Architecture
P.L.L.C.
Architectural
Design
Planning
Interiors



Member of the American
Institute of Architects
Lee D. Dixon, Jr., AIA
252.947.9137
led@coastalarchitecture.net
4206 Bridges St. Ext.,
Suite C
Morehead City, NC
28557
www.CoastalArchitecture.net

EDGEWOOD ELEMENTARY SCHOOL
ATS MODIFICATION
317 E. CALHOUN ST., WHITEVILLE
NORTH CAROLINA, 28472



ELECTRICAL RISER

25023

ISSUED: 7/28/2026

DWG BY: SWB

CKD BY: BEB

REVISIONS

SHEET NO.

E3