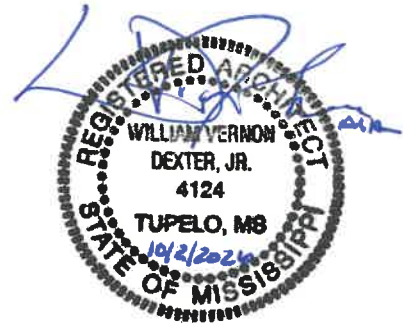


ADDENDUM NO. TWO

Friday, October 2, 2026

Project: South Tippah School District
Tippah County Technical Center Building Addition
Ripley, Mississippi
ARC Project Number ARC-MS-22325
PryorMorrow Project Number 2024520



The following additions, changes, clarifications, and substitutions to the drawings and specifications are to be included as part of the Contract Documents. Acknowledge receipt of this addendum by inserting its number and date in the proposal form.

Bid Date: Sealed bids will be received until 2:00 p.m. on Tuesday, October 6, 2026, in the office of the South Tippah School District, 402 Greenlee Street, Ripley, Mississippi 38663.

Addendum Table of Contents: Three (3) 8½ x 11 pages of Addendum
Six (6) 8½ x 11 pages of Section 00 01 10 – Table of Contents
One (1) 8½ x 11 page of Index of Electrical Specifications
Nine (9) 8½ x 11 pages of Section 26 32 13 – Portable Gasoline Engine Generator
Three (3) 8½ x 11 pages of Section 32 12 16 – Asphalt Paving
One (1) 30 x 42 page of Drawing – Sheet E0.1, Electrical Legend and Schedules
One (1) 30 x 42 page of Drawing – Sheet E0.2, Electrical Details
One (1) 8½ x 11 page of Attachment “A” – Sign-In Sheet, Pre-Bid Conference
One (1) 8½ x 11 page of Attachment “B” – Sheet S1.0, Updated Design Loads

Total of twenty-four (24) 8½ x 11 pages
Total of two (2) 30 x 42 pages

General Information

Item No. 1. Refer to Attachment “A” for the sign-in sheet from the pre-bid conference, which was held at 1:00 p.m. on Monday, September 28, 2026, at the Tippah Career & Technology Center, 2560 County Road 501, Ripley, Mississippi 38663. We are providing Attachment “A” for the planholder’s information.



Columbus, MS
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Reform, AL
Michael W. Taylor, AIA
P.O. Box 83 : 418 First Avenue West : Reform, AL 35481 : P 205 828 0039

Refer to Specifications

- Item No. 2. Refer to Section 00 01 10 – Table of Contents. Remove this section and substitute the attached Section 00 01 10.
- Item No. 3. Refer to Section 09 65 19 – Resilient Tile Flooring. Refer to 2.02 MATERIALS, specifically to item “B.” Omit item “B” in its entirety.
- Item No. 4. Refer to the Index of Electrical Specifications (found immediately before Division 26). Remove this index and substitute the attached Index of Electrical Specifications.
- Item No. 5. Refer to the specifications. Add the attached Section 26 32 13 – Portable Gasoline Engine Generator.
- Item No. 6. Refer to Section 27 13 00 – Communications Backbone Cabling. Refer to 1.1 SCOPE, item “A.” Revise item “A” to read as follows:
- A. The voice and data systems shall be installed as described in the Systems Coordination Schedule. The contractor shall purchase, install, and certify all Fiber Optic Cabling.
- Item No. 7. Refer to Section 27 13 00 – Communications Backbone Cabling. Refer to 2.2 OPTICAL FIBER CABLE, item “C,” number 1. Revise item “C,” number 1 to read as follows:
1. Jacket Color: Coordinate with school.
- Item No. 8. Refer to Section 27 13 00 – Communications Backbone Cabling. Refer to 3.9 FIELD QUALITY CONTROL, item “C,” number 3, item “b.” Revise item “C,” number 3, item “b” to read as follows:
- b. Link End-to-End Attenuation Tests:
- 1) Single-mode backbone link measurements: Test at 1310 or 1550 nm in 1 direction according to TIA/EIA-526-7, Method A.1, One Reference Jumper.
- 2) Attenuation test results for backbone links shall be less than 2.0 dB. Attenuation test results shall be less than that calculated according to equation in TIA/EIA-568-B.1.
- Item No. 9. Refer to Section 27 15 00 – Communications Horizontal Cabling. Refer to 2.3 UTP CABLE, item “E,” number 3. Revise item “E,” number 3 to read as follows:
3. Comply with TIA/EIA-568-B.2-1.
- Item No. 10. Refer to Section 27 15 00 – Communications Horizontal Cabling. Refer to 3.4 INSTALLATION OF CABLES, items “C” and “E.” Omit items “C” and “E” in their entirety.

Item No. 11. Refer to Section 32 12 16 – Asphalt Paving. Remove this section and substitute the attached Section 32 12 16.

Refer to Drawings

Item No. 12. Refer to Sheet C100 – Plan Sheets. Refer to the Site Layout Plan in the lower right-hand corner. In the area to the right of the Proposed Building, revise “CONCRETE PAVEMENT” to read as follows:

LIMESTONE AGGREGATE SURFACE, BASE BID
LIGHT-DUTY ASPHALT PAVING, ALTERNATE NO. 1

Item No. 13. Refer to Sheet S1.0 – Note Sheet. Refer to the Design Loads shown in the upper right-hand corner of Sheet S1.0. Revise the Design Loads to read as shown on Attachment “B.”

Item No. 14. Refer to Sheet E0.1 – Electrical Legend and Schedules. Remove this sheet and substitute the attached Sheet E0.1.

Item No. 15. Refer to Sheet E0.2 – Electrical Details. Remove this sheet and substitute the attached Sheet E0.2.

End of Addendum No. Two

SECTION 00 01 10
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Section 00 31 32	Geotechnical Data
Section 00 41 13	Bid Form
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Section 00 61 00	Insurance and Bonds
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Section 00 91 13	Addenda
Section 00 94 00	Record Modifications

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Section 01 14 00	Work Restrictions
Section 01 18 00	Project Utility Sources
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Section 01 29 10	Weather Delays
Section 01 31 00	Project Management and Coordination
Section 01 31 19.16	Mobilization and Demobilization
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None

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None

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None

DIVISION 44 – POLLUTION AND WASTE CONTROL EQUIPMENT

None

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None

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None

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None

APPENDIX

Appendix “A” Special Provisions

Appendix “B” Wage Rates, Davis-Bacon Act

Appendix “C” ARC Interim Implementation Guidance on the Application of Buy America Preference for ARC Grants

END OF SECTION

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SECTION 263213

PORTABLE GASOLINE ENGINE GENERATOR

PART 1 - GENERAL (Alternate)

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions apply to this Section.

1.2 SUMMARY

- A. This Section includes a factory-built, portable, gasoline-fueled engine-generator set for residential standby power use, complete with engine, generator, integral fuel system, starting system, controls, overcurrent protection, receptacles and accessories required for a complete operating assembly. As part of this Alternate, provide one generator as identified herein.
- B. Generator shall be a portable unit intended for outdoor operation and shall not require a permanent equipment foundation. Provide wheels, handles, lifting points, or other manufacturer-standard provisions necessary to move and position the unit safely.
- C. Generator shall be suitable for connection to the electrical system through the transfer equipment indicated on the Drawings.

1.3 SUBMITTALS

- A. Product Data: Submit manufacturer's published data for the proposed generator, including the following:
 - 1. Generator model number and rated continuous and maximum output.
 - 2. Voltage, phase, frequency, power factor, and connection configuration.
 - 3. Engine manufacturer, model, displacement, rated speed, and fuel consumption.
 - 4. Starting system, battery requirements, and charging provisions.
 - 5. Fuel tank capacity and expected operating time at representative loads.
 - 6. Receptacle configuration, circuit breaker ratings, and output connection provisions.
 - 7. Dimensions, operating weight, wheel/handle configuration, and lifting provisions.
 - 8. Sound level, if published by the manufacturer.
 - 9. Required clearances and manufacturer's installation and operating instructions.
- B. Wiring/Connection Information: Provide a diagram or manufacturer documentation identifying generator output conductors, neutral, equipment grounding connection, and any required bonding jumper or neutral configuration. Coordinate this information with the transfer equipment to avoid objectionable current on grounding conductors.
- C. Installation and Operation Information: Submit manufacturer's installation, operation, maintenance, fueling, storage, and safety instructions.

- D. Warranty: Two-year warranty from date of Substantial Completion. Submit manufacturer's standard warranty documentation.

1.4 QUALITY ASSURANCE

- A. Manufacturer: Provide a standard production portable gasoline generator from a manufacturer regularly engaged in the manufacture of portable engine-generator equipment.
- B. Acceptable Manufacturers: Generac, Firman, or equal.
- C. Electrical components, devices, and accessories shall be listed and labeled by a nationally recognized testing laboratory where a listing is available and shall be suitable for the intended use.
- D. Comply with NFPA 70, National Electrical Code, as applicable to the generator, portable generator connections, optional standby systems, grounding and bonding, and receptacles.
- E. Comply with NFPA 37, Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines, where applicable to the installation and use of the engine-generator equipment.
- F. Portable generator assembly shall be listed and labeled to the applicable nationally recognized product safety standard for the specific generator construction and fuel type. Where ANSI/UL 2201 applies to the selected generator, comply with ANSI/UL 2201.
- G. Engine emissions shall comply with applicable U.S. Environmental Protection Agency requirements and all applicable state and local requirements.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Deliver generator clean, undamaged, and complete with all standard accessories, tools, manuals, keys, and starting-system components.
- B. Protect generator from moisture, dirt, impact, and contamination during transportation and storage.
- C. Do not operate or store the generator in an enclosed building, garage, crawl space, basement, dwelling, or other location where engine exhaust can accumulate. Maintain the clearances and operating conditions required by the manufacturer.
- D. Do not fuel a hot or running generator. Follow manufacturer's fueling and fuel-storage requirements.

1.6 WARRANTY

- A. Manufacturer's standard warranty shall be provided for the complete generator assembly and engine. Warranty shall be not less than two years from the date of delivery or the manufacturer's published residential/portable warranty, whichever is more favorable to the Owner.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturers: Generac, Firman, or equal.
- B. Manufacturers other than those named shall demonstrate that the proposed generator is equal in capacity, construction, safety provisions, durability, starting system, controls, output characteristics, and warranty. Acceptance shall be subject to the Engineer and Owner.

2.2 PORTABLE ENGINE-GENERATOR SET

- A. Generator shall be Generac GP15500 EFI or equal as manufactured by Firman.
- B. Factory-assembled, factory-tested, portable gasoline engine-generator set, complete and ready for operation.
- C. Rated output capacity shall be 15,000 W (15.0 kW) at the specified voltage and frequency. Generator shall be capable of supplying the connected residential loads, including motor starting loads, without nuisance tripping or unacceptable voltage or frequency disturbance. Generator shall be rated for 60 Hz operation at 120/240 volts, single phase, three wire, unless otherwise indicated on the Drawings.
- D. Generator shall be equipped with a factory-installed main output circuit breaker or equivalent overcurrent protective device sized for the generator output.
- E. Provide generator output connection suitable for the transfer equipment indicated on the Drawings. Where a cord-and-plug connection is specified, provide a locking or other listed connector of appropriate voltage, phase, and ampere rating.
- F. Provide manufacturer-standard wheels and handles or equivalent portable support provisions. Wheels shall be suitable for the operating weight of the generator and normal movement over typical residential paved or compacted surfaces.
- G. Provide lifting eye, lifting handle, or other manufacturer-standard lifting provision where supplied as part of the generator design. Provide lifting instructions and maximum lifting weight in the operation manual.
- H. Generator frame shall be welded or bolted steel construction with a durable corrosion-resistant finish. Provide guards over rotating or hot components that could present a hazard during normal operation.

2.3 ENGINE

- A. Fuel: Regular unleaded gasoline suitable for the engine and compliant with the engine manufacturer's requirements and applicable regulations. Do not use diesel fuel.
- B. Engine shall be industrial-duty, gasoline-fueled, spark-ignition type, sized by the manufacturer for the generator output rating.

- C. Engine speed shall be governed to maintain rated frequency under varying load conditions. Provide electronic or mechanical governor as standard for the proposed generator.
- D. Lubrication system shall include manufacturer-standard full-flow oil filtration and accessible oil drain provisions.
- E. Air intake shall include a replaceable filter element sized for the engine and manufacturer's service interval.
- F. Cooling system shall be engine-mounted and suitable for continuous operation at the ambient conditions specified by the manufacturer. Provide guards for the cooling fan and other moving components.
- G. Exhaust system shall include the manufacturer's standard muffler/silencer and shall discharge exhaust away from the generator controls, air intakes, occupied areas, doors, windows, and building openings.
- H. Engine shall include automatic protective shutdowns or alarms for, as applicable to the proposed engine, low oil pressure, high coolant temperature, overspeed, and other conditions identified by the manufacturer as capable of causing engine damage.

2.4 FUEL SYSTEM

- A. Provide an integral, factory-installed gasoline tank sized for the generator and engine. Fuel tank shall be securely mounted and protected from damage during normal transport and operation.
- B. Fuel tank shall include a fuel-level indication or gauge accessible to the operator.
- C. Provide fuel shutoff valve and all manufacturer-standard fuel lines, fittings, filters, and accessories required for safe engine operation and maintenance.
- D. Fuel tank, cap, venting, and associated components shall be arranged to prevent leakage during normal operation and transport. Provide manufacturer-standard spill-control provisions where supplied for the selected unit.
- E. Fuel tank shall not be field-modified to increase capacity or operating pressure without written approval of the generator manufacturer.

2.5 STARTING SYSTEM

- A. Electric starting system, 12 V dc minimum, with rechargeable starting battery and battery charging system furnished as a complete factory-installed system.
- B. Provide battery, battery cables, terminals, battery hold-down, and all accessories required for reliable electric starting.
- C. Starting system shall include manufacturer-standard low-battery, charging, or starting-system indication where provided by the selected generator.

- D. Provide manual engine-start controls at the generator. Automatic starting shall not be required unless specifically indicated on the Drawings or required by the selected transfer equipment.

2.6 GENERATOR AND VOLTAGE REGULATION

- A. Alternator shall be brushless or manufacturer-standard construction suitable for the generator rating and application.
- B. Voltage regulation shall be automatic and shall maintain output voltage within the manufacturer's published limits under normal load changes.
- C. Generator shall include manufacturer-standard overload protection and short-circuit protection.
- D. Alternator and generator windings shall be protected against mechanical and thermal damage during normal operation and overload conditions within the generator's published limits.
- E. Total harmonic distortion shall be within the manufacturer's published limits for the proposed unit and suitable for operation of typical residential electronic equipment when operated within the rated load.

2.7 CONTROLS AND INSTRUMENTATION

- A. Provide an integral control panel accessible to the operator without exposing the operator to energized power connections.
- B. Control panel shall include, as applicable to the selected generator:
 - 1. Engine start/run/stop control.
 - 2. Generator output voltage indication or digital monitoring.
 - 3. Output frequency indication or digital monitoring.
 - 4. Engine running-hour indication.
 - 5. Low oil pressure indication/shutdown.
 - 6. High engine temperature indication/shutdown where applicable.
 - 7. Overspeed or other manufacturer-standard engine protection.
 - 8. Generator overload indication/protection.
 - 9. Low fuel indication where provided by the manufacturer.
- C. Controls shall be clearly identified and shall include manufacturer's safety labels and operating instructions.

2.8 RECEPTACLES AND OUTPUT CONNECTIONS

- A. Provide receptacles and output connections as required by the generator rating and transfer equipment. All receptacles shall be factory-installed, listed, grounded, and rated for the generator output.
- B. Provide at least one 120/240-volt, single-phase receptacle or other listed output connection suitable for connection to the residential transfer equipment where indicated.

- C. Provide 125-volt receptacles with GFCI protection where required by NFPA 70 or the applicable product safety standard.
- D. Receptacles shall be protected from physical damage and shall be provided with covers or other weather-resistant provisions appropriate for outdoor use.
- E. Circuit breakers or overcurrent protective devices shall be provided for individual receptacle circuits where required by the manufacturer or applicable listing.

2.9 ENCLOSURE AND WEATHER PROTECTION

- A. Provide manufacturer-standard weather-resistant construction suitable for outdoor operation. Open-frame generators are acceptable where listed and intended by the manufacturer for outdoor portable use.
- B. Metal components shall receive a durable factory finish suitable for outdoor exposure. Finish shall resist corrosion under normal residential outdoor conditions.
- C. Provide guards and protective covers for hot surfaces, rotating components, electrical connections, and other hazards that are accessible during normal operation.
- D. Generator shall be capable of operation within the ambient temperature, humidity, and altitude ranges published by the manufacturer for the proposed model.

2.10 NOISE

- A. Generator noise level shall comply with applicable local requirements and the manufacturer's published rating. Where the manufacturer publishes a sound rating, submit the rated sound level with Product Data.
- B. Locate and operate the generator in accordance with manufacturer requirements to limit noise transmission to the residence and neighboring properties.

2.11 ACCESSORIES

- A. Furnish all standard accessories required for complete operation, including:
 - 1. Wheels and handles or equivalent portable support equipment.
 - 2. Starting battery and charging system.
 - 3. Fuel filter and required engine filters.
 - 4. Factory-supplied tools, keys, and accessories normally furnished with the generator.
 - 5. Manufacturer's operation and maintenance manual.
 - 6. Weather-resistant receptacle covers and protective devices furnished as standard with the selected generator.

2.12 SPARE MATERIALS

- A. Provide one complete set of replacement engine oil, fuel, and air filters appropriate for the selected generator.

- B. Provide one spare set of manufacturer-recommended fuses or resettable protective devices, where applicable.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify that the generator location, access, clearances, surface, and electrical connection provisions comply with the generator manufacturer's requirements and the Drawings.
- B. Verify that the generator can be positioned and operated outdoors with exhaust discharge directed away from the occupied or enclosed areas.
- C. Do not proceed with installation or connection until unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Install and operate generator in accordance with the manufacturer's written instructions, NFPA 70, NFPA 37 where applicable, and requirements of the authority having jurisdiction.
- B. Place generator on a stable, level, noncombustible surface capable of supporting the operating weight of the generator and resisting movement during operation.
- C. Maintain all manufacturer-required clearances from buildings, combustible materials, doors, windows, air intakes, and property features. Do not locate generator beneath building overhangs or other areas where exhaust gases can accumulate.
- D. Provide adequate ventilation and unrestricted combustion and cooling air. Do not place the generator in an enclosed or partially enclosed space unless the generator manufacturer specifically lists the installation for that condition.
- E. Position exhaust outlet so that exhaust gases are discharged away from the residence and do not enter the building through windows, doors, louvers, mechanical outdoor-air intakes, or other openings.
- F. Provide the manufacturer's required fuel and engine fluids. Fill fuel tank only after generator is in its final operating location and engine is cool.
- G. Do not modify the generator frame, fuel tank, engine exhaust, cooling system, controls, grounding/bonding system, or factory wiring without written approval of the manufacturer and Engineer.

3.3 ELECTRICAL CONNECTIONS

- A. Connect generator to the residential electrical system only through the transfer equipment indicated on the Drawings. The transfer equipment shall prevent simultaneous connection of utility and generator sources.

- B. Provide generator feeder, grounding conductor, bonding, disconnecting means, and transfer equipment in accordance with NFPA 70 and the Drawings.
- C. Coordinate generator neutral-to-frame bonding with the transfer equipment. The installed system shall have only the bonding arrangement required by NFPA 70 for the selected transfer-switch configuration and shall not create objectionable current on equipment grounding conductors.
- D. Provide an equipment grounding conductor with the generator connection where required by the transfer equipment and NFPA 70.
- E. Protect all electrical connections from physical damage and weather in accordance with the generator and transfer-equipment listings.

3.4 FUELING AND START-UP

- A. Before starting, verify engine oil level, coolant level where applicable, battery condition, fuel level, and all manufacturer-required pre-start items.
- B. Start generator and verify stable operation at no load and under representative connected load.
- C. Verify output voltage and frequency and confirm that all connected loads operate properly without nuisance tripping.
- D. Verify proper operation of generator circuit breakers, receptacles, controls, engine protective devices, and transfer equipment serving the residence.
- E. Correct deficiencies and repeat tests until satisfactory operation is demonstrated.

3.5 FIELD QUALITY CONTROL

- A. Perform manufacturer-recommended inspection and operational tests appropriate for a portable residential generator.
- B. Verify the following at a minimum:
 - 1. Generator starts and stops properly using the manufacturer's controls.
 - 2. Output voltage and frequency are within manufacturer's published operating limits.
 - 3. Generator output breaker and receptacle protection operate correctly.
 - 4. Engine protective shutdowns and warning indications operate as intended.
 - 5. Transfer equipment operates correctly without backfeeding the utility source.
 - 6. Grounding and bonding configuration is correct for the installed transfer equipment.
 - 7. Generator exhaust is directed away from the residence and occupied areas.
 - 8. No fuel, oil, coolant, or exhaust leaks are present.
- C. Provide a written start-up report documenting test results and any corrective work performed.
- D. A factory-authorized service representative is not required for routine start-up unless required by the manufacturer, Owner, warranty terms, or authority having jurisdiction.

3.6 DEMONSTRATION AND TRAINING

- A. Demonstrate generator starting, stopping, transfer equipment operation, normal shutdown, emergency shutdown, refueling, routine inspection, and basic maintenance to the Owner.
- B. Instruct Owner that the generator shall be operated only outdoors and in strict accordance with the manufacturer's operating instructions. Emphasize the danger of carbon monoxide and exhaust-gas exposure.
- C. Provide Owner with manufacturer's operation and maintenance manual, warranty information, recommended maintenance intervals, and fuel requirements.

3.7 CLEANING AND CLOSEOUT

- A. Clean generator, receptacles, controls, frame, and accessories of dirt, oil, labels, debris, and construction residue.
- B. Leave generator fully operational with fuel level sufficient for Owner's initial operation and with all standard accessories and documentation delivered to the Owner.
- C. Remove temporary protective materials and leave installation in a safe, clean condition.

END OF SECTION 263213

SECTION 32 12 16
ASPHALT PAVING

PART 1 - GENERAL

1.01 WORK INCLUDED

- A. Limestone aggregate surfacing (Base Bid).
- B. Asphaltic concrete pavement (Alternate No. 1).

1.02 RELATED WORK

- A. Section 09 91 00 – Painting
- B. Section 31 22 13 – Rough Grading
- C. Section 31 22 19 – Finish Grading
- D. Section 31 23 00 – Excavation and Fill

1.03 QUALITY ASSURANCE

- A. General requirements of gravel base course: Meet or exceed the applicable requirements of and place in accordance with the Mississippi Standard Specifications for Road and Bridge Construction, Mississippi State Highway Department, Section 304, Class 4, Group A, or Section 315 Base.
- B. General requirements of asphaltic concrete pavement: Meet or exceed the applicable requirements of and place in accordance with the Mississippi State Highway Department Standard Specification for Road and Bridge Construction, 1990 Edition, Section 403-C (Type SC-1).
- C. Submittals:
 - 1. Refer to Section 01 33 00 for additional information related to submittal format.
 - 2. Prior to construction, submit proposed job mix formulas for asphalt base course and asphalt surface course to the laboratory along with a 30# ± sample of each aggregate to be utilized.

PART 2 - PRODUCTS

2.01 AGGREGATE

- A. Meet the requirements of the Mississippi State Highway Standard Specifications, Section 304, Class 4, Group A. Verify materials used in design mix.

2.02 TACK COAT

- A. Emulsified asphalt (SS-1): ASTM D977-80

2.03 ASPHALTIC PAVING SYSTEM

A. Base Bid:

1. Subgrade: 18" minimum processed select imported fill compacted at a minimum of 95% of maximum dry density.
2. Subbase: 6" minimum crushed limestone, size 610 aggregate compacted to a minimum of 98% of maximum dry density.
3. Surface: 3.5" minimum #57 limestone aggregate.

B. Alternate Number 1 (light-duty):

1. Subgrade: 18" minimum processed select imported fill compacted at a minimum of 95% of maximum dry density.
2. Subbase: 6" minimum crushed limestone, size 610 aggregate compacted to a minimum of 98% of maximum dry density.
3. Base: 2" minimum hot mixed bituminous base course.
4. Surface: 1.5" minimum hot mixed bituminous surface course.

2.04 STRIPING

- A. Refer to Section 09 91 00 – Painting (Alternate Number 1).

PART 3 - EXECUTION

3.01 INSPECTION

- A. Inspect the site area scheduled for paving after rough grading work has been completed and field density test results confirm compaction of 95% of standard proctor.
- B. Do not initiate the work of this section until the substrate is acceptable. Initiation of the work of this section is evidence that the paving contractor approves and accepts the substrate and existing conditions.

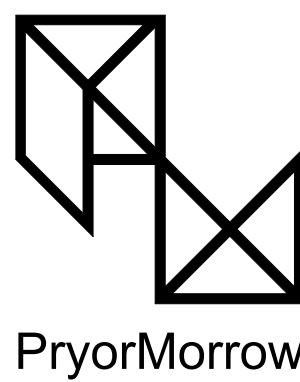
3.02 TACK COAT PLACEMENT

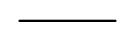
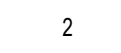
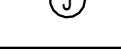
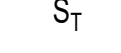
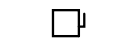
- A. Place the tack coat on a slightly moist, clean base free from loose or foreign material when the atmospheric temperature is above 50° F.
- B. Apply 0.05 to 0.08 gallon per square yard (depending on surface texture) of an emulsified asphalt, Grade SS-1, and water mixture (approximately 25% water by volume, not to exceed 50%) with a pressure distributor at a temperature between 50° F and 120° F.

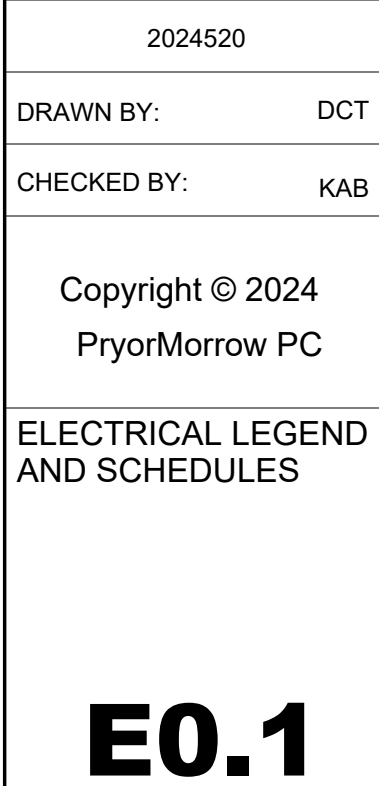
3.03 ASPHALTIC CONCRETE BASE AND SURFACE COURSE

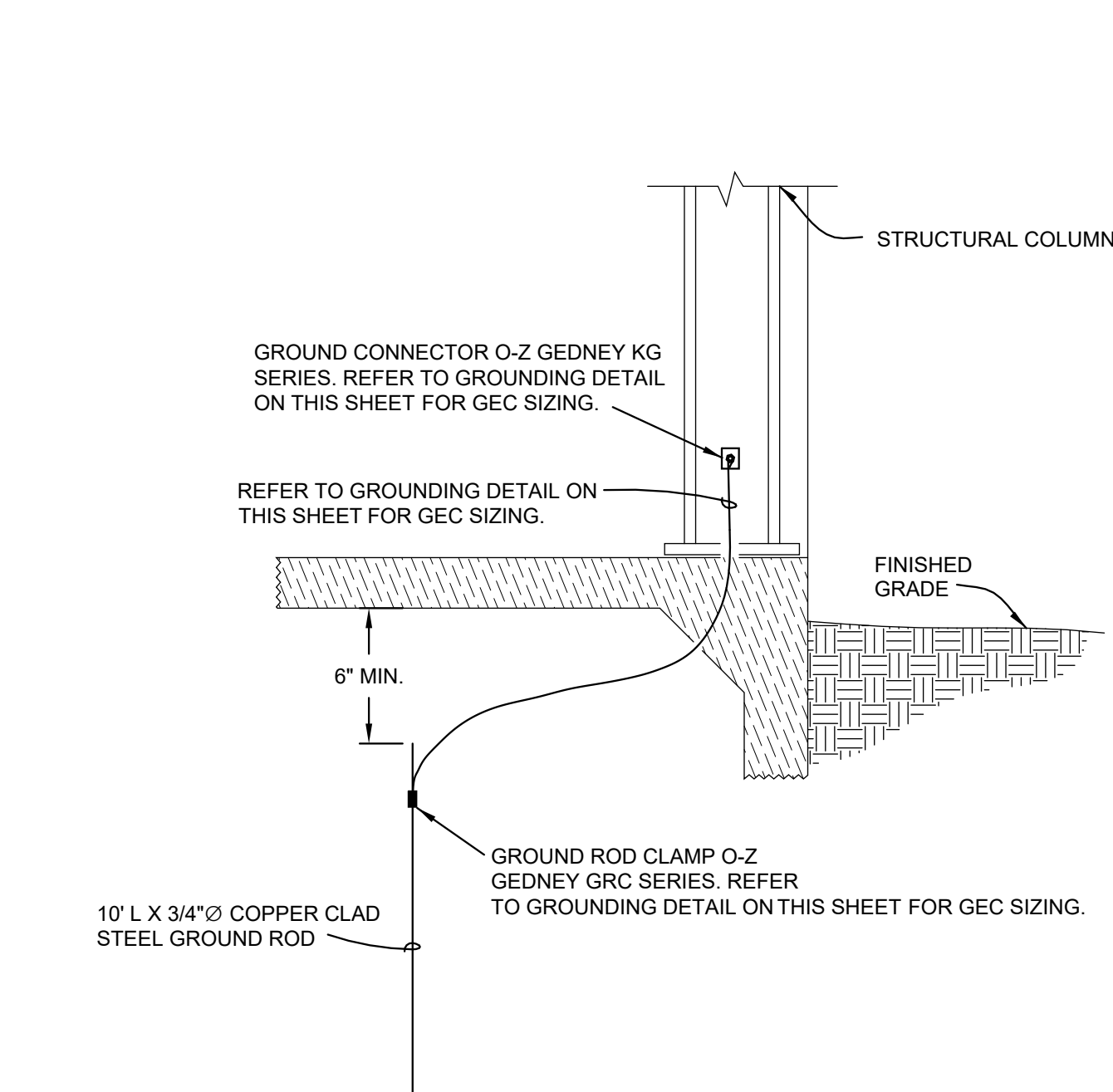
- A. Install when the underlying course is dry and the weather is not rainy. Do not install the surface course when the atmospheric temperature is below 40° F unless directed otherwise by the Architect.
- B. Heat the asphalt cement in a manner that ensures even heating of the entire mass under efficient and positive control at all times, at the plant, in the kettles or tanks at a temperature between 275° F and 325° F.
- C. Do not start placing until the prime or tack coat has set. Paint the contact surfaces of all structures with hot bituminous material as used in the mixture. Spread the mixture by mechanical spreaders; spread the mixture by hand only in inaccessible locations. The temperature of the mixture when spread will be between 225° F and 275° F.
- D. Compaction:
 - 1. After the mixture is spread and as soon as it will bear the roller without undue displacement or hair cracking, roll the mixture with a three-wheel roller weighing not less than 10 tons or a tandem type steel roller of equal wheel concentrated area.
 - 2. Equip the roller wheel with scraping and sprinkling devices and keep it properly moistened without excess of oil or water.
 - 3. Start rolling longitudinally at the sides and proceed toward the center. Each trip of the roller will overlap the previous trip by at least 1'. Alternate trips of the roller will be of slightly different lengths.
 - 4. Continue rolling until all creases have been removed and a density is attained equal to or above 98% of the density obtained in a laboratory specimen of the same mixture when subjected to seventy-five (75) blows per side in the Marshall Mold.
- E. Joints: When new mixture is placed against previously placed mixture, cut the joint back to a clean, vertical surface and apply a tack coat to the vertical edge prior to asphalt placement.
- F. Testing:
 - 1. Verify mix characteristics through one (1) extraction and stability test performed for each day's production or a portion thereof for each type of mix placed.
 - 2. The Contractor shall verify the in-place density and thickness of completed pavement by extracting a minimum of three (3) cores for submittal to the laboratory. Core locations are to be selected by the testing laboratory and cavities patched by the Contractor.

END OF SECTION

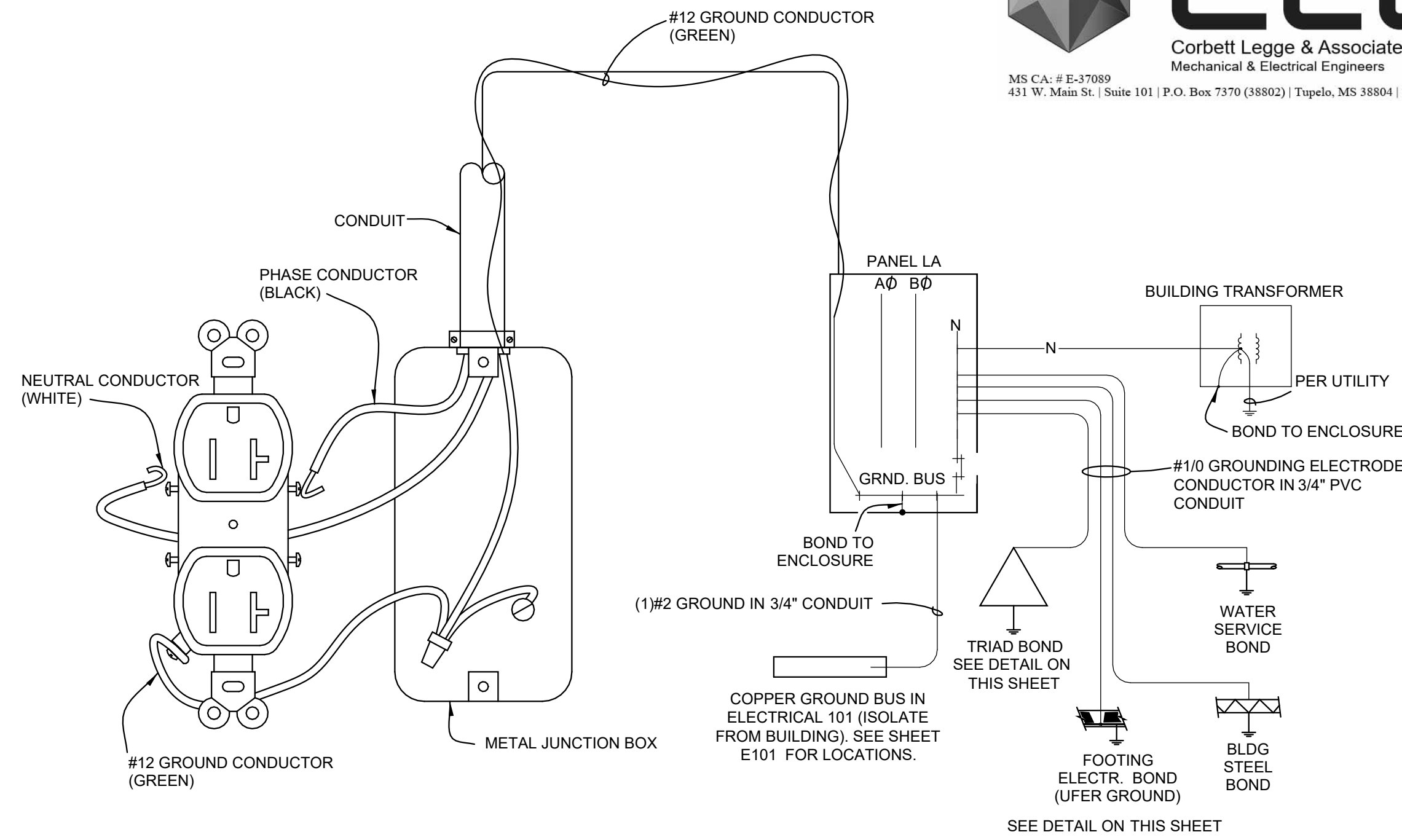


ELECTRICAL LEGEND								
SYMBOL	DESCRIPTION	MOUNTING	SYMBOL	DESCRIPTION	MOUNTING	SYMBOL	DESCRIPTION	MOUNTING
POWER			COMMUNICATIONS			LIGHTING CONTROLS		
	CONDUIT CONCEALED - (3) #12 MAX. IN 1/2" CONDUIT	...		VOICE / DATA OUTLET - 5" SQUARE BOX WITH SINGLE GANG PLASTER RING. PROVIDE 1 1/4" CONDUIT TO ABOVE ACCESSIBLE CEILING. PROVIDE 2 DATA DROPS TO THIS LOCATION U.O.N.	18" A.F.F.		SINGLE POLE TOGGLE SWITCH - NORMAL BRANCH	WALL AT 48" A.F.F. TO CL.
	CONDUIT EXPOSED - (3) #12 MAX. IN 1/2" CONDUIT	...		WIRELESS ACCESS POINT OUTLET - 5" SQUARE BOX WITH SINGLE GANG PLASTER RING. PROVIDE 1 1/4" CONDUIT TO ABOVE ACCESSIBLE CEILING. PROVIDE 1 DATA DRIP TO THIS LOCATION U.O.N.	ABOVE ACCESSIBLE CEILING		LIGHTING MANAGEMENT HUB	MOUNT PER MFG. RECOMMEND.
	HOMERUN CONDUIT - (3) #12 MAX. IN 1/2" CONDUIT	...		BELL COMPATIBLE WITH EXISTING LATHEM SONACHRON DWA-S BELL SYSTEM	WALL AT 90" A.F.F. TO CL.		CEILING OCCUPANCY / VACANCY SENSOR	CEILING
	SURFACE MOUNTED OR RECESSED LIGHT FIXTURE. LIGHT FIXTURE DESIGNATION TO DETERMINE TYPE.	SEE LIGHT FIXTURE SCHEDULE		SYSTEMS CONDUIT SLEEVE THROUGH WALL WITH ENDS ABOVE ACCESSIBLE CEILING. SEE PLANS FOR LENGTHS & 2" TO BE DEFINED CONDUIT SIZE U.O.N. PROVIDE EZ PATH 22' FIRE RATED PATHWAY FOR RATED WALLS.	ABOVE ACCESSIBLE CEILING		WIRELESS WALL SWITCH. #BUTTON. COORDINATE FINISH WITH ARCHITECT. PROVIDE COLOR CHARTS.	WALL AT 48" A.F.F. TO CL.
	INDICATES FIXTURE WITH EMERGENCY BATTERY.	SEE LIGHT FIXTURE SCHEDULE		DATA SYSTEM GROUND BAR. 2"x24"x1/8" COPPER GROUND BAR. SEE GROUNDING DETAIL AND SPECIFICATIONS	SEE SPECS		WALL SWITCH WITH INTEGRAL DUAL TECHNOLOGY OCCUPANCY SENSOR	WALL AT 48" A.F.F. TO CL.
	EXIT LIGHT - HATCH INDICATES NUMBER OF FACES. CONNECT TO NON-SWITCHED BRANCH CIRCUIT.	SEE LIGHT FIXTURE SCHEDULE		PHOTOCELL SWITCH FOR EXTERIOR LIGHTING CONTROL. FACE NORTHERN-MOST SKY.	SEE DRAWINGS		FANLIGHT TIME DELAY SWITCH - SENSORSWITCH WSX PDT 2P FAN - ASHRT OR EQUAL. SET TIME DELAY ADJUSTMENT TO 15 MINUTES.	WALL AT 48" A.F.F. TO CL.
	ELECTRICAL PANEL BOARD - SURFACE / RECESSED	WALL PER N.E.C.		BELL COMPATIBLE WITH EXISTING LATHEM SONACHRON DWA-S BELL SYSTEM	WALL AT 90" A.F.F. TO CL.		POWER PACK RELAY MODULE	ABOVE ACCESSIBLE CEILING
	LIGHT FIXTURE DESIGNATION NUMBER - CORRESPONDS WITH LIGHT FIXTURE SCHEDULE.	...		OUTLET FOR INTERCOM BUTTON. - 5" SQUARE BOX MOUNTED WITH 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING. CABLE PER SPECIFICATION REQUIREMENTS. MATCH EXISTING INTERCOM BUTTONS.	WALL AT 48" A.F.F. TO CL.		POWER PACK DIMMING MODULE	ABOVE ACCESSIBLE CEILING
	20A/1P 120V DUPLEX RECEPTACLE - ALL RECEPTACLES TO BE TAMPER RESISTANT TYPE	WALL AT 18" A.F.F. TO CL.		INTERCOM SPEAKER - 5" SQUARE BOX WITH SINGLE-GANG PLASTER RING. PROVIDE 3/4" CONDUIT TO ABOVE ACCESSIBLE CEILING. CABLE PER SPECIFICATION REQUIREMENTS. MATCH EXISTING INTERCOM SPEAKER.	CEILING		WEATHERPROOF ELECTRICAL DEVICE	PER DEVICE
	20A/1P 120V DUPLEX RECEPTACLE TO BE MOUNTED ABOVE COUNTER - ALL RECEPTACLES TO BE TAMPER RESISTANT TYPE. COORDINATE LOCATION WITH MILLWORK AND ARCHITECT. U.O.N.	...		FIRE ALARM SMOKE DETECTOR	SURFACE/ CEILING U.O.N.		GROUNDING ELECTRODE CONDUCTOR	AS NOTED ON PLANS
	20A/1P 120V GFCI DUPLEX RECEPTACLE WITH WEATHERPROOF COVER - ALL RECEPTACLES TO BE TAMPER RESISTANT TYPE.	WALL AT 18" A.F.F. TO CL.		FIRE ALARM HEAT DETECTOR	SURFACE/ CEILING U.O.N.		UNDERGROUND SECONDARY ELECTRICAL SERVICE	...
	20A/1P 120V QUADRUPLX RECEPTACLE - ALL RECEPTACLES TO BE TAMPER RESISTANT TYPE	WALL AT 18" A.F.F. TO CL.		FIRE ALARM MANUAL PULL STATION	WALL AT 48" A.F.F. TO CL.		UNDERGROUND COMMUNICATIONS	...
	20A/1P 120V GFCI DUPLEX RECEPTACLE - ALL RECEPTACLES TO BE TAMPER RESISTANT TYPE	WALL AT 18" A.F.F. TO CL.		FIRE ALARM AUDIO/VISUAL DEVICE - SPEAKER/STROBE	WALL AT 90" A.F.F. TO CL.		OVERHEAD PRIMARY ELECTRICAL SERVICE	...
	20A/1P 120V GFCI DUPLEX RECEPTACLE TO BE MOUNTED ABOVE COUNTER - ALL RECEPTACLES TO BE TAMPER RESISTANT TYPE. COORDINATE LOCATION WITH MILLWORK AND ARCHITECT. U.O.N.	...		FIRE ALARM VISUAL ONLY DEVICE - STROBE	WALL AT 90" A.F.F. TO CL. U.O.N.			
	SIMPLEX RECEPTACLE - SEE PLANS FOR SPECIFIC VOLTAGE & NEMA TYPE	AS NOTED ON PLANS		FIRE ALARM COMBINATION HEAT / CARBON MONOXIDE DETECTOR	MOUNT PER FIRE PROTECTION			
	VARIABLE FREQUENCY DRIVE	AS NOTED ON PLANS		DUCT MOUNTED SMOKE DETECTOR - REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS AND QUANTITY OF ALL SMOKE DAMPERS AND DETECTORS. S - SUPPLY; R - RETURN; E - EXHAUST	AS NOTED ON PLANS			
	ELECTRICAL JUNCTION BOX OR SYSTEMS BACK BOX	AS NOTED ON PLANS		FIRE ALARM SYSTEM CONTROL PANEL	SEE SPECS			
	MOTOR-RATED SWITCH	AT UNIT		FIRE ALARM SYSTEM ANNUNCIATOR PANEL	WALL AT 60" A.F.F. TO CL.			
	NON-FUSED DISCONNECT SWITCH - SEE DRAWINGS FOR TYPE	AT UNIT		FIRE ALARM CONNECTION. SEE SPECIFICATION SECTION 283111 FOR REQUIREMENTS.	AS NOTED ON PLANS			
DOOR ACCESS CONTROLS								
	DOOR ACCESS CONTROL DESIGNATION. SEE CORRESPONDING DETAIL ON SHEET E02.0.							

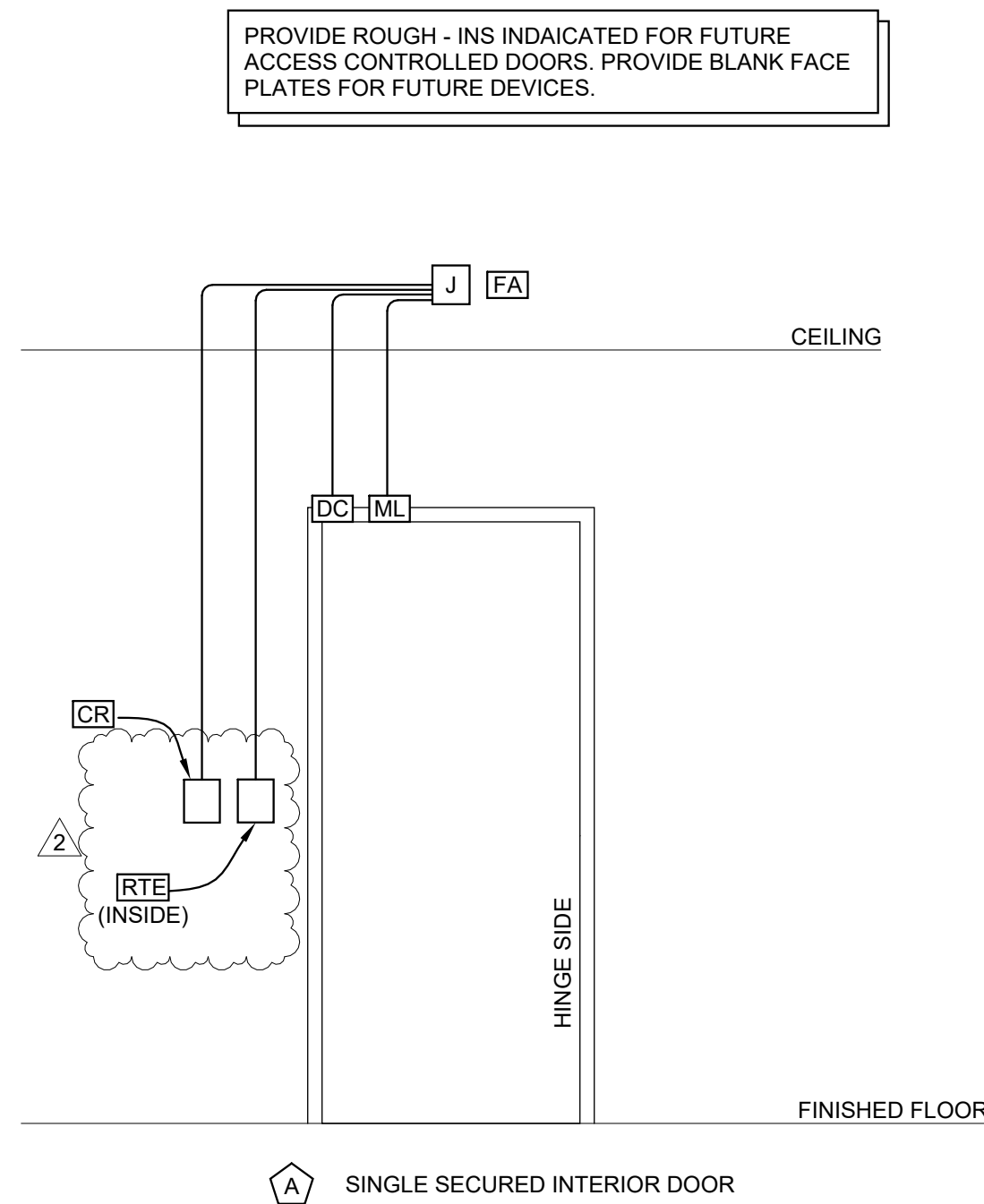
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1 BLDG STEEL GROUNDING
E0.2 N.T.S.



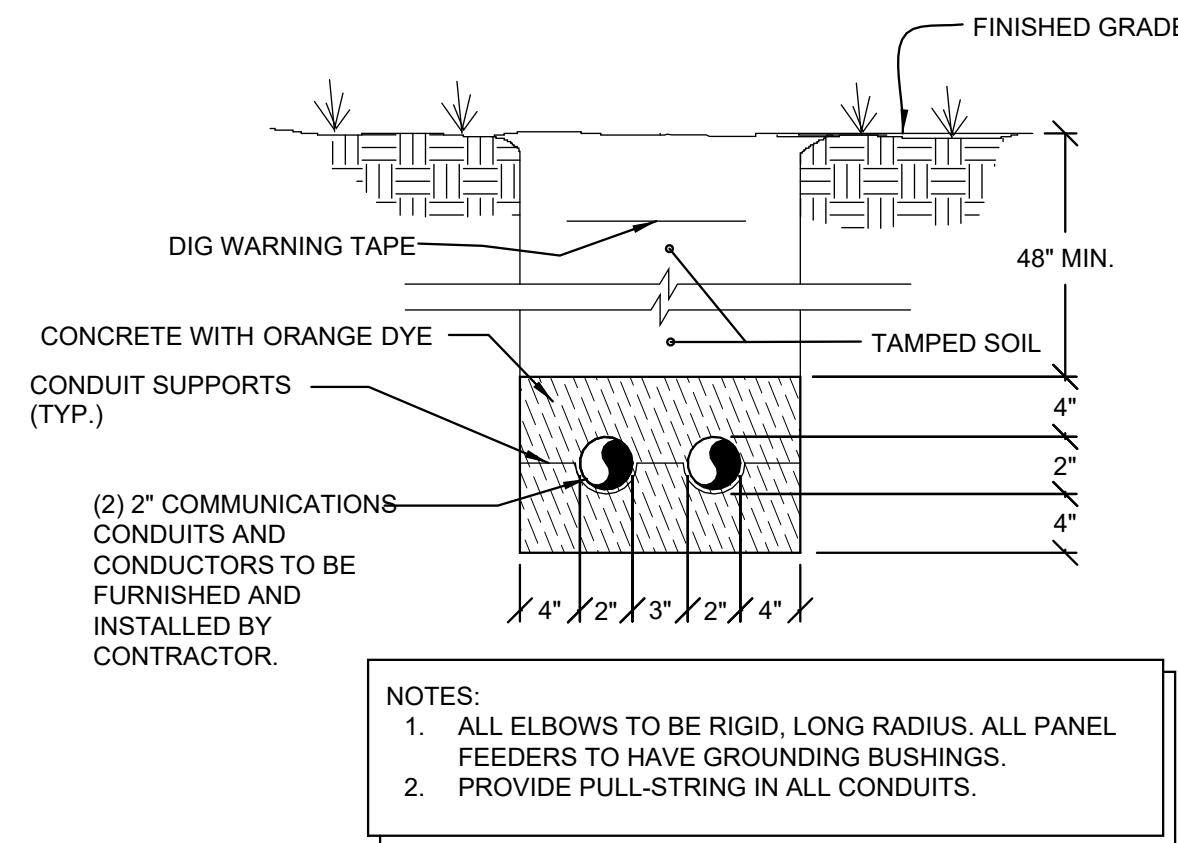
2 GROUNDING DETAIL
E0.2 N.T.S.



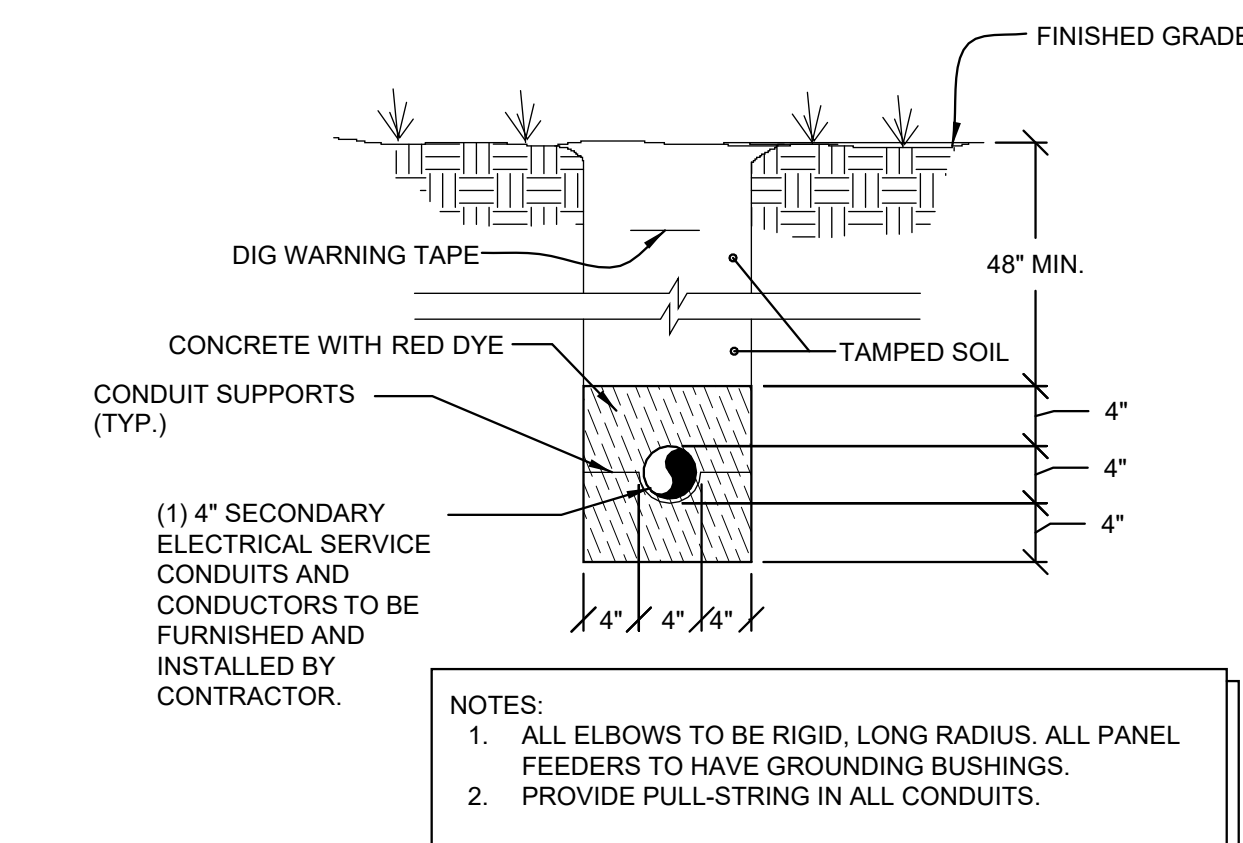
3 DOOR ACCESS CONTROL DETAIL
E0.2 N.T.S.

DOOR ACCESS CONTROL LEGEND				
SYMBOL	DESCRIPTION	MOUNTING	CONDUIT SIZE	BOX TYPE
CR	CARD READER INSTALL OUT OF SWING PATH OF DOOR. COORDINATE EXACT LOCATION WITH ARCHITECT.	WALL AT 48" A.F.F. TO < U.O.N.	1"	4" SQUARE
ML	MAGNETIC LOCK	MOUNT PER VENDOR RECOMMENDATIONS	1"	N/A
DC	DOOR CONTACT	MOUNT PER VENDOR RECOMMENDATIONS	1/2"	N/A
FA	FIRE ALARM CONNECTION - FOR DOOR RELEASE. SEE SPECIFICATIONS.	COORDINATE WITH VENDOR	COORDINATE WITH FIRE ALARM VENDOR	N/A
J	5" SQUARE JUNCTION BOX. TO BE INSTALLED ON SECURE SIDE OF DOOR.	ABOVE CEILING	N/A	5" SQUARE
LR	LOCK RELEASE	MOUNT PER VENDOR RECOMMENDATIONS	N/A	N/A
RTE	REQUEST TO EXIT	MOUNT PER VENDOR RECOMMENDATIONS	N/A	N/A
A	DOOR DETAIL DESIGNATION			...

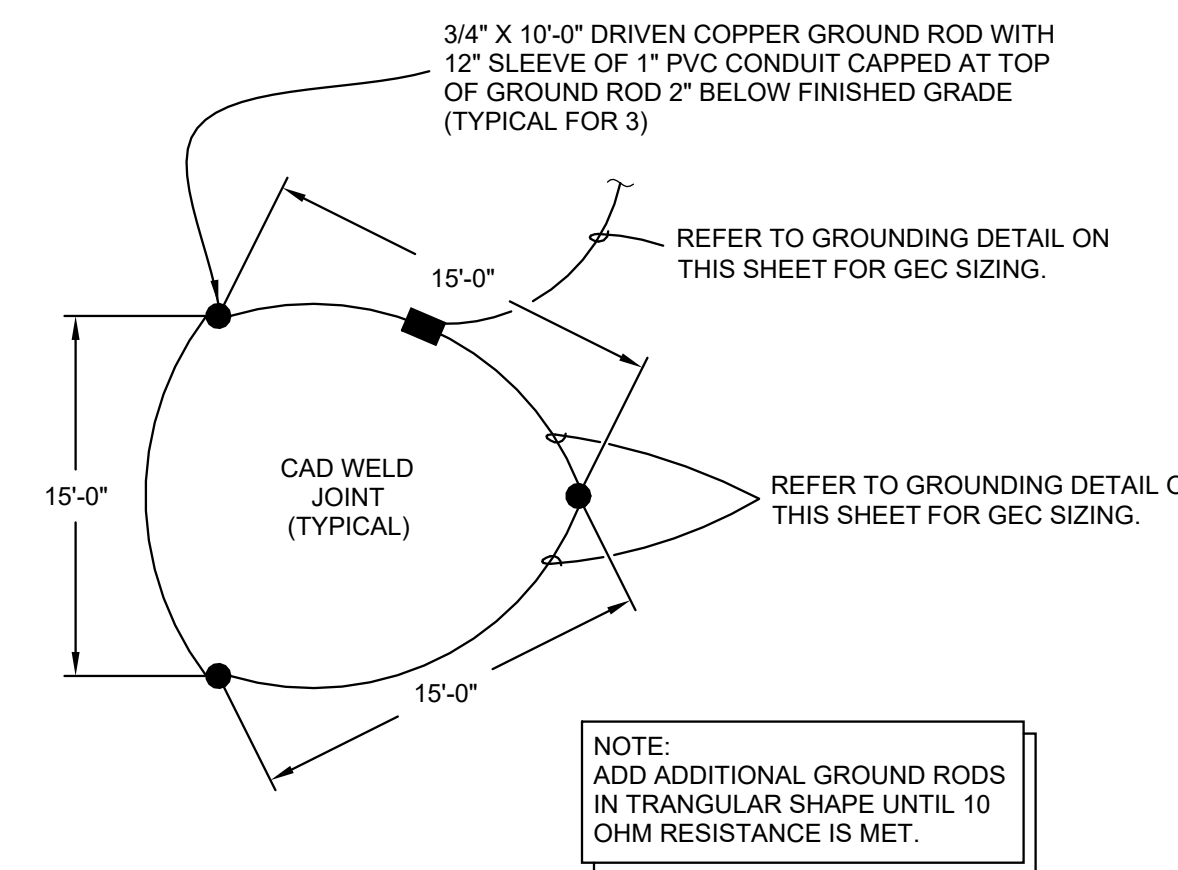
DOOR ACCESS CONTROL NOTES:
1. COORDINATE ALL ROUGH-INS WITH SECTION ON DOOR HARDWARE PRIOR TO WORK BEING PERFORMED.
2. COORDINATE ALL BACKBOX LOCATIONS WITH ARCHITECT AND DOOR HARDWARE VENDOR PRIOR TO ROUGH IN.
3. ELECTRICAL CONTRACTOR SHALL COORDINATE SECURITY REQUIREMENTS WITH THE GENERAL CONTRACTOR.
4. ALL ACCESS CONTROLLED DOORS ARE TO HAVE FIRE ALARM CONNECTIONS TO RELEASE LOCKS IN AN EMERGENCY EVENT.
5. REFER TO SYSTEMS COORDINATION SCHEDULE.



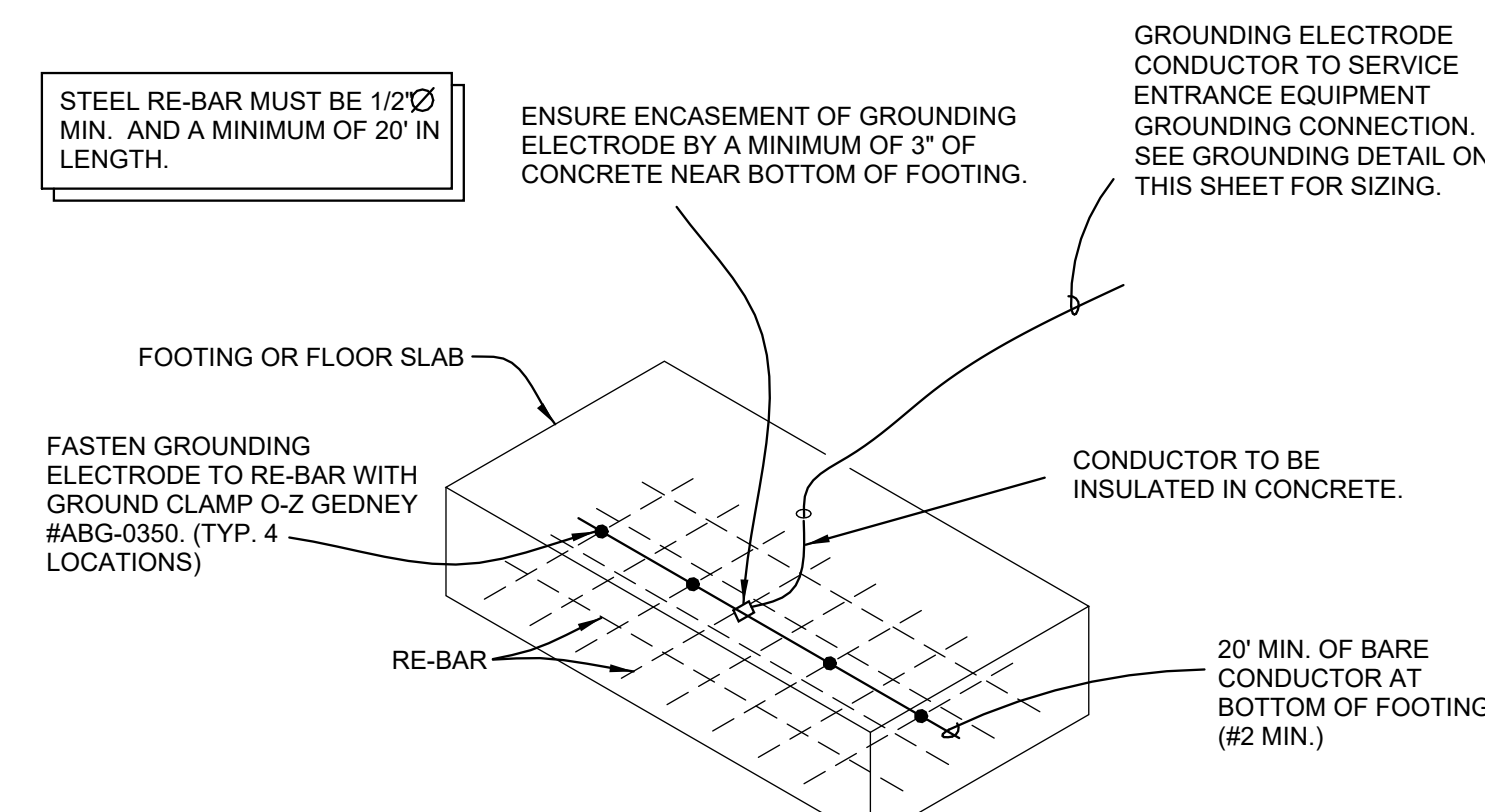
4 UNDERGROUND COMMUNICATIONS (UGC)
E0.2 N.T.S.



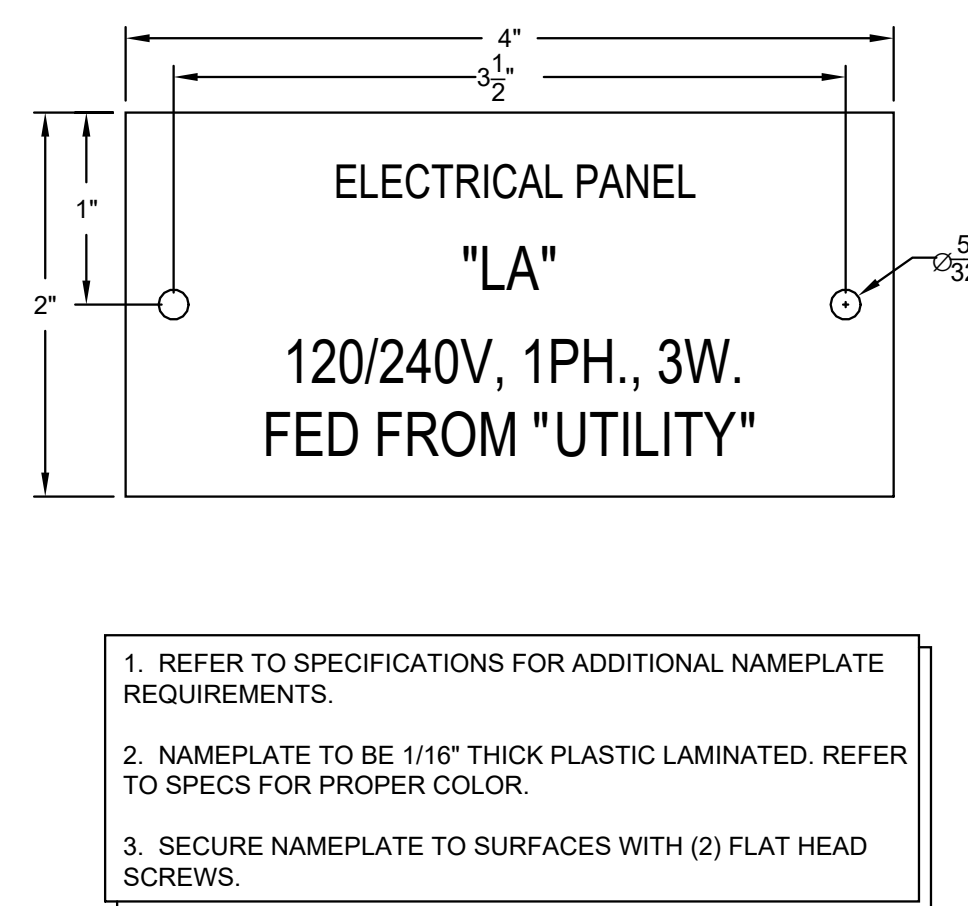
5 UNDERGROUND SECONDARY (UGS)
E0.2 N.T.S.



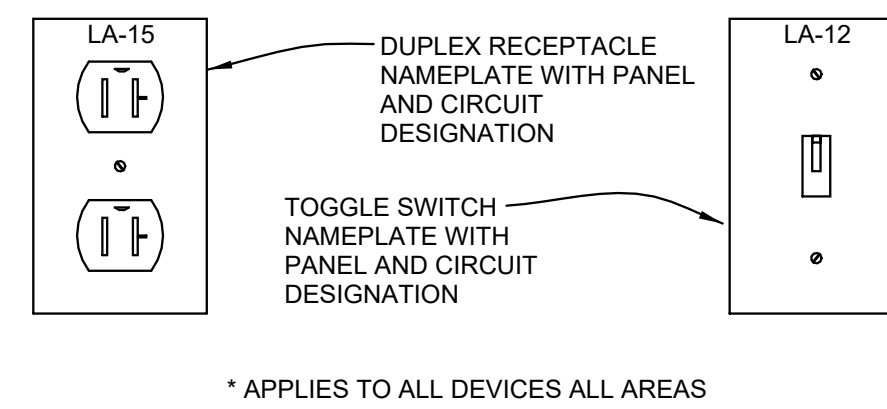
6 GROUNDING TRIAD DETAIL
E0.2 N.T.S.



7 UFER GROUND DETAIL
E0.2 N.T.S.



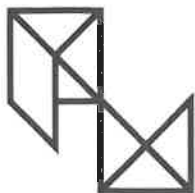
8 PANEL LABELING DETAIL
E0.2 N.T.S.



9 DEVICE LABELING DETAIL
E0.2 N.T.S.

South Tippah School District
Tippah County Technical Center Building Addition
Ripley, Mississippi
ARC Project Number ARC-MS-22325
PryorMorrow Project Number 2024520
PRE-BID CONFERENCE
Monday, September 28, 2026

	Name	Company	Phone # (please include area code)	E-mail Address
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2	Randy Enlow	Hooker	662-816-1950	randy-hconstruction@icloud.com
3	Liliet Mora	M&P Construction	601-421-3568	mcancio@mpconstructionms.com
4	Claudia Espinosa	M&P Construction	601-421-3568	mcancia@mpconstructionms.com
5	Jamie Ewing	M&P Construction	662-871-5551	jamie.ewing@icloud.com
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8	Kelly Gates	STSD	662-512-9196	gateske@stsd.ms
9	Lowell Elliott	STSD	662-837-5432	elliott@stsd.ms
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Michael W. Taylor, AIA
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ATTACHMENT "B"

DESIGN LOADS:

DEAD LOADS:	WEIGHT OF THE STRUCTURE
ROOF LIVE LOAD:	20 PSF
GROUND SNOW LOAD:	10 PSF
BASIC WIND SPEED	Vult: 119 MPH 105 MPH Vasd: 92 MPH 81 MPH
WIND RISK CATEGORY:	II
WIND EXPOSURE:	C
INTERNAL PRESSURE COEFFICIENT:	0.18
COMP. & CLADDING WIND PRESSURE:	SEE ASCE 7, Ch. 30
SEISMIC IMPORTANCE FACTOR	I: 1.00
SEISMIC RISK CATEGORY:	II
MAPPED SPECTRAL RESPONSE ACCELERATIONS:	Ss: 0.69 0.44 S1: 0.22 0.19
SPECTRAL RESPONSE COEFFICIENTS:	Sds: 0.50 0.43 Sd1: 0.30 0.28
SITE CLASS:	D
SEISMIC DESIGN CATEGORY:	D
BASIC SEISMIC-FORCE RESISTING SYSTEM:	MOMENT RESISTING FRAME SYSTEM STEEL ORDINARY MOMENT FRAMES 0.16W 0.12W
DESIGN BASE SHEAR:	Cs: 0.16 0.12
SEISMIC RESPONSE COEFFICIENT:	R: 3.50
RESPONSE MODIFICATION FACTOR:	EQUIV. LATERAL FORCE (1617.4)
ANALYSIS PROCEDURE:	
CODES:	2018 INTERNATIONAL BUILDING CODE

PRE-ENGINEERED METAL BUILDING DESIGN LOADS:

ROOF DEAD LOAD:	ACTUAL WEIGHT OF THE STRUCTURE
COLLATERAL LOAD:	HANGING EQUIPMENT, LIGHTS, CEILINGS, ETC. (7 PSF MINIMUM COLLATERAL DEAD LOAD. INCLUDE ACTUAL WEIGHT OF SUSPENDED EQUIPMENT.)
ROOF LIVE LOAD:	20 PSF (PURLINS AND FRAMES). LIVE LOAD REDUCTIONS WILL <u>NOT</u> BE ALLOWED
SNOW LOAD:	(SEE DESIGN LOADS ABOVE)
WIND LOAD:	(SEE DESIGN LOADS ABOVE)
SEISMIC LOAD:	(SEE DESIGN LOADS ABOVE)
CODE:	2018 INTERNATIONAL BUILDING CODE

ATTACHMENT "B"