University of South Carolina
Greene Street Vehicular & Pedestrian Improvements

Project Number: H27-Z346
Project Manager: Emily Jones

Addendum Number Two (2)

DATE: June 16, 2017

FROM: Aimee B. Rish, Procurement Specialist

TO: All Bidders

The following items add to, modify, clarify, or otherwise alter the Drawings and/or specifications and will become a part of the Contract Documents. Where a portion of the Drawings and/or specifications is added to, modified, clarified, or otherwise altered, the portion not so affected shall remain. Bidder shall include all effects that these items may have on his proposal.

Project Manual:

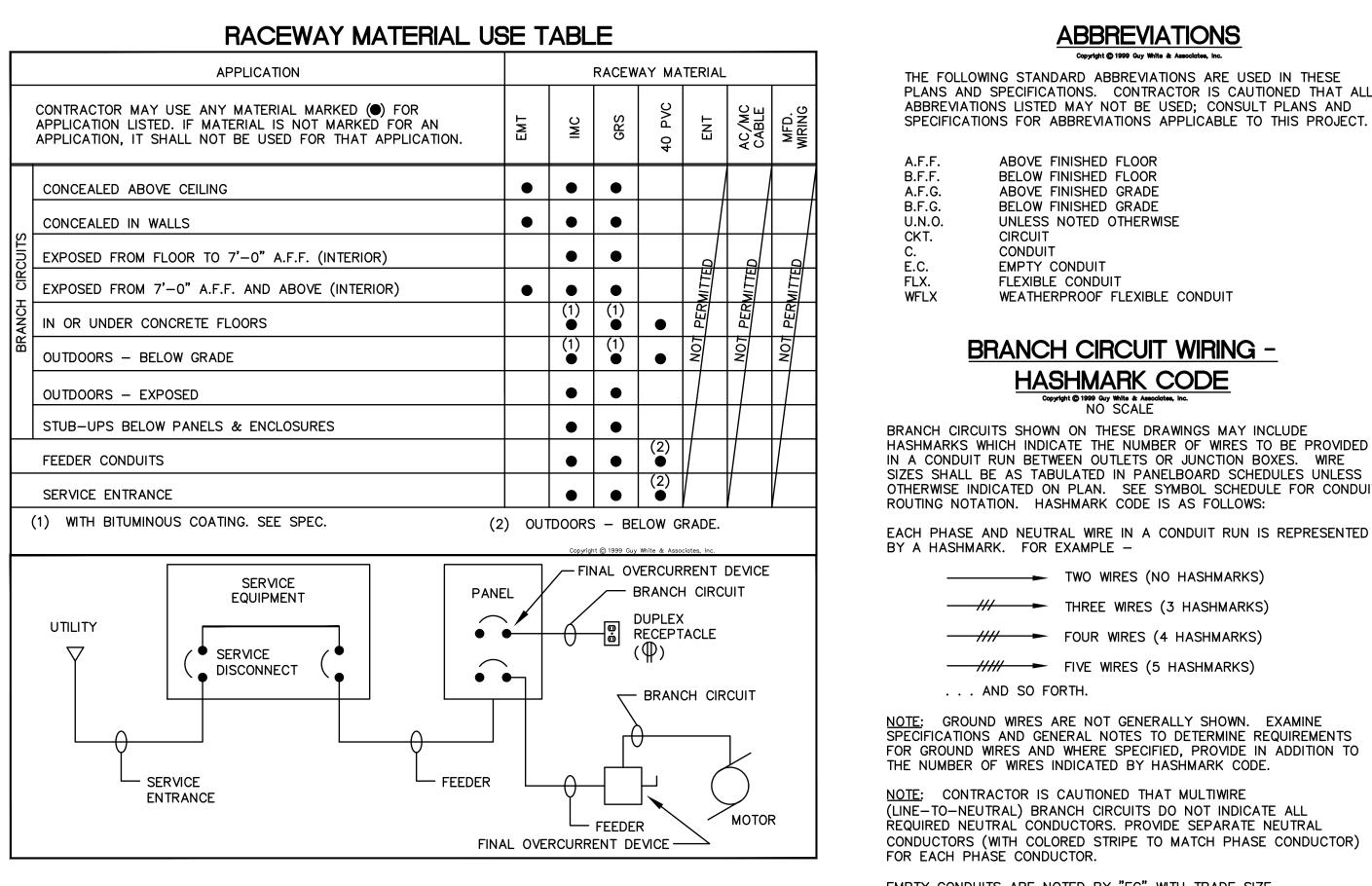
1. Clarification: The time for Project Completion on the form SE-330 is 45 days. With an anticipated Date of Commencement of July 1, 2016, the date of Substantial Completion would be August 18, 2016. However, Substantial Completion shall exclude the installation of trees and shrubs in the event that Alternate #2 is accepted. The contractor is expected to properly augment forces to meet the revised contract period. The site shall be fully accessible for student move —in by the close of business on Friday, August 18, 2016.

Drawings

Delete Electrical Plans, Sheets E001, ES100 and ES101, and replace with the attached sheets
dated 6/16/2017. The contractor shall coordinate relocation of the existing street lights with
SCE&G. The contractor will be responsible for providing & installing new conduit as shown on
the plans. SCE&G will relocate street light poles, fixtures and provide all wiring and accessories
for complete installation.

Attachments:

Sheet E 001, Electrical Notes, Sch4edules & Details Sheet ES 100, Electrical Site Demolition Plan Sheet ES 101, Electrical Site Plan, New Work

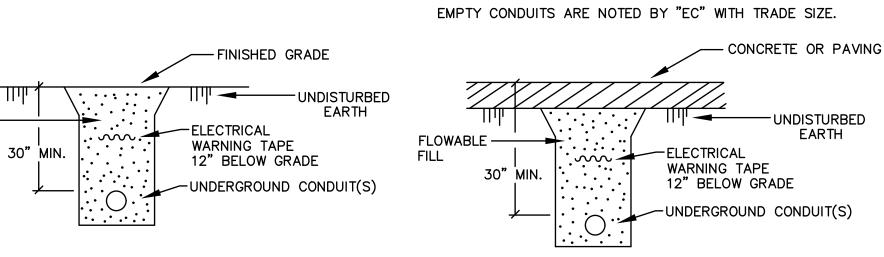


FLOWABLE FILL OR -

AS SPECIFIED.

COMPACTED BACKFILL

NON-PAVED AREA



THE FOLLOWING STANDARD ABBREVIATIONS ARE USED IN THESE

ABOVE FINISHED FLOOR BELOW FINISHED FLOOR

ABOVE FINISHED GRADE

BELOW FINISHED GRADE

CIRCUIT CONDUIT

EMPTY CONDUIT

FLEXIBLE CONDUIT

UNLESS NOTED OTHERWISE

WEATHERPROOF FLEXIBLE CONDUIT

BRANCH CIRCUIT WIRING -

HASHMARK CODE

HASHMARKS WHICH INDICATE THE NUMBER OF WIRES TO BE PROVIDED

IN A CONDUIT RUN BETWEEN OUTLETS OR JUNCTION BOXES. WIRE

SIZES SHALL BE AS TABULATED IN PANELBOARD SCHEDULES UNLESS

OTHERWISE INDICATED ON PLAN. SEE SYMBOL SCHEDULE FOR CONDUIT

BRANCH CIRCUITS SHOWN ON THESE DRAWINGS MAY INCLUDE

TWO WIRES (NO HASHMARKS)

THREE WIRES (3 HASHMARKS)

→ //// ► FOUR WIRES (4 HASHMARKS)

— ///// ➤ FIVE WIRES (5 HASHMARKS)

NOTE: GROUND WIRES ARE NOT GENERALLY SHOWN. EXAMINE SPECIFICATIONS AND GENERAL NOTES TO DETERMINE REQUIREMENTS

THE NUMBER OF WIRES INDICATED BY HASHMARK CODE.

(LINE-TO-NEUTRAL) BRANCH CIRCUITS DO NOT INDICATE ALL

REQUIRED NEUTRAL CONDUCTORS. PROVIDE SEPARATE NEUTRAL

UNDISTURBED

NOTE: CONTRACTOR IS CAUTIONED THAT MULTIWIRE

CONCRETE OR PAVED AREA

COMPRESSION TYPE CONDUIT

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. . . AND SO FORTH.

ROUTING NOTATION. HASHMARK CODE IS AS FOLLOWS:

B.F.G.

U.N.O.

CKT.

E.C.

FLX.

PLANS AND SPECIFICATIONS. CONTRACTOR IS CAUTIONED THAT ALL

ABBREVIATIONS LISTED MAY NOT BE USED: CONSULT PLANS AND

SPECIFICATIONS FOR ABBREVIATIONS APPLICABLE TO THIS PROJECT.

UNDERGROUND CONDUIT NOT IN A DUCTBANK

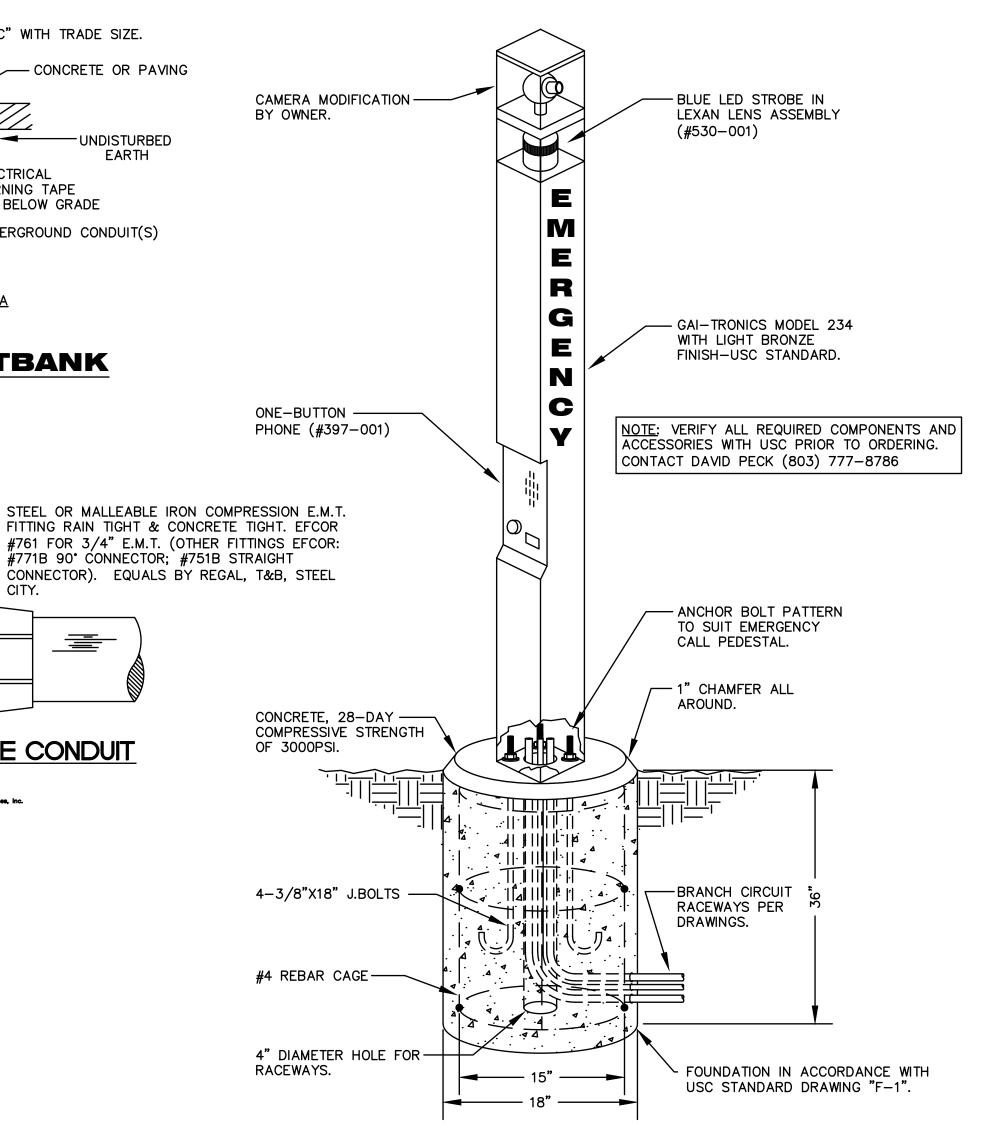
REAM CONDUIT, BUTT

INTO FITTING BODY &

SECURE NUTS WRENCH

NO SCALE

- 1. DO NOT SCALE DRAWINGS UNLESS DIMENSIONS ARE SHOWN. LOCATE LIGHTING FIXTURES AND EQUIPMENT AS OBVIOUSLY INDICATED AND COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS. SEE CIVIL PLANS.
- 2. MINIMUM SIZE CONDUCTOR FOR POWER SHALL BE NO. 12 AWG. ALL CONDUCTORS SHALL BE
- 3. ALL FUSES SHALL BE DUAL-ELEMENT TYPE, "FUSETRON" BY BUSSMAN, OR "ECON" BY ECONOMY.
- 4. BRANCH CIRCUIT SIZES ARE AWG 12-3/4" C. UNLESS OTHERWISE NOTED IN PANELBOARD
- 5. ALL BRANCH CIRCUIT LOADS SHALL BE BALANCED ACROSS PANELBOARD BUSSES TO OBTAIN MINIMUM NEUTRAL CURRENT.
- 6. ALL FLEXIBLE CONDUIT SHALL CONTAIN A GREEN WIRE BONDED TO RIGID RACEWAY. BOX OR FIXTURE AT EACH END OF FLEX. SIZE GROUND WIRE PER N.E.C. TABLE 250-122.
- 7. CONTRACTOR IS CAUTIONED THAT WORK SHALL BE COMPLETED IN PHASES AS REQUIRED TO MAINTAIN USE OF STREETS, SIDEWALKS, BUSINESSES AND THE LIKE. REFER TO LANDSCAPE ARCHITECT AND CIVIL PLANS FOR PHASING OF WORK.
- 8. ALL WORK SHALL COMPLY WITH NFPA, ADA, AASHTO, SCDOT, CITY OF COLUMBIA AND ALL OTHER APPLICABLE CODES AND STANDARDS.
- 9. SEE CIVIL AND UTILITY PLANS FOR DUCTBANKS, MANHOLES, HANDHOLES AND ADDITIONAL NEW UTILITIES. VERIFY EXACT LOCATIONS OF HANDHOLES, RISER POLES, PEDASTALS AND THE LIKE WITH
- 10. NEW DUCTBANK WITH MANHOLES, HANDHOLES, SPLICE VAULTS, TRAFFIC INFRASTRUCTURE AND OTHER UTILITIES ARE INDICATED ON CIVIL PLANS.
- 11. CONDUIT ROUTING SHOWN DOES NOT INDICATE PATH OF ROUTING-SHOWN FOR CLARITY ONLY. ROUTE CONDUITS IN R.O.W. SEE CIVIL PLANS.
- 12. COORDINATE ALL NEW METER POINT LOCATIONS AND SERVICE LOCATIONS WITH SCE&G PRIOR TO
- 13. ALL CONDUIT ELBOWS BELOW GRADE SHALL BE BITUMINOUS COATED GRS.
- 14. IF REQUIRED TO SUIT LUGS, PROVIDE HYDRAULIC CRIMP TYPE WIRE REDUCERS IN METER CENTER AS REQUIRED TO CONNECT FEEDER CONDUCTORS TO CONTACTOR/CIRCUIT BREAKERS.
- 15. MINIMUM COVER FOR LIGHTING, TRAFFIC CONTROL AND IRRIGATION POWER CIRCUITS SHALL BE 30".
- 16. CONTRACTOR IS CAUTIONED THAT THESE PLANS ARE DIAGRAMMATIC ONLY AND THAT EXACT LOCATIONS AND ROUTINGS FOR NEW WORK SHALL BE AS OBVIOUSLY INDICATED AND AS DIRECTED BY OWNER, WITH MODIFICATIONS AS REQUIRED TO AVOID CONFLICTS IN THE FIELD. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND



USC STANDARD EMERGENCY CALL BOX

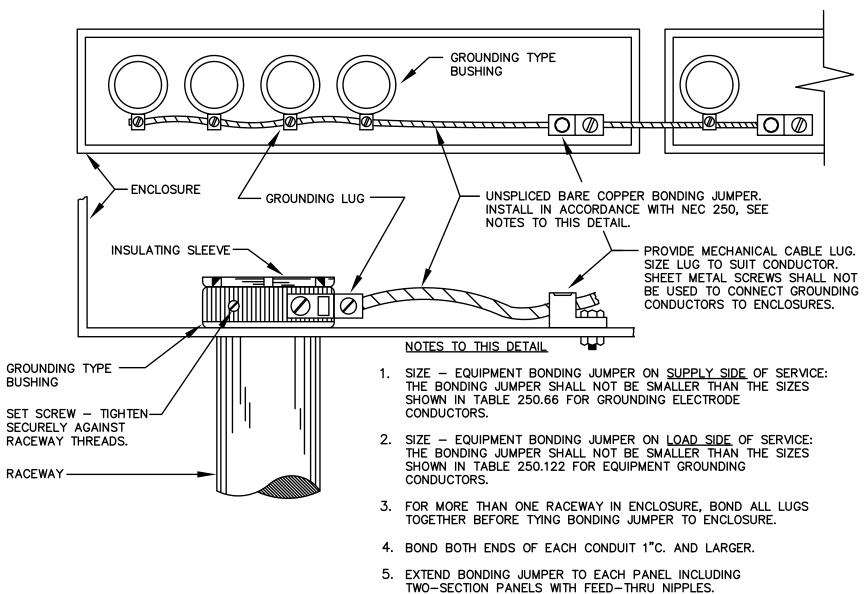
NO SCALE

ELECTRICAL SYMBOLS			
-	OUTDOOR LIGHTING STANDARD & FIXTURE	•	PUSHBUTTON
•—□	OUTDOOR LIGHTING STANDARD & FIXTURE	Д	BUZZER, BELL OR CHIME
T	TRANSFORMER		
_	PANELBOARD	€	CONNECTION TO EXISTING CIRCUIT
	SAFETY SWITCH		BRANCH CIRCUIT RACEWAY — CONCEALED IN WALL OR CEILING
①	FLUSH JUNCTION BOX CEILING (①—IWALL)		BRANCH CIRCUIT RACEWAY - CONCEALED IN
J	PULL BOX OR JUNCTION BOX IN FLOOR		FLOOR OR UNDERGROUND
0	CONDUIT STUB		BRANCH CIRCUIT RACEWAY - EXPOSED
φ	DUPLEX RECEPTACLE (HIGH MOUNT)	₩\$	
ФwР	WEATHERPROOF DUPLEX RECEPTACLE. 16" UP	$oxed{\otimes}$	-TYPICAL: SYMBOLS DENOTE EXISTING.
ФGFI	GROUND FAULT INTERRUPTER RECEPTACLE	XXX	REMOVE COMPLETE.
ECB	EMERGENCY CALL BOX	ال ×××ا	TYPICAL: "X" ON PLAN SYMBOLS DENOTES EXISTING. REMOVE COMPLETE.
EX	EXISTING; TO REMAIN		

NOTE: ALL DEVICES SHOWN ON THIS SCHEDULE ARE SYMBOLIC ONLY. SEE ELECTRICAL SPECIFICATIONS FOR EXACT DEVICE REQUIREMENTS AND PERFORMACE CHARACTERISTICS.

ER EXISTING; BEING RELOCATED

EXISTING; NEW LOCATION









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GWA, INC. ELECTRICAL ENGINEERS No. C00825

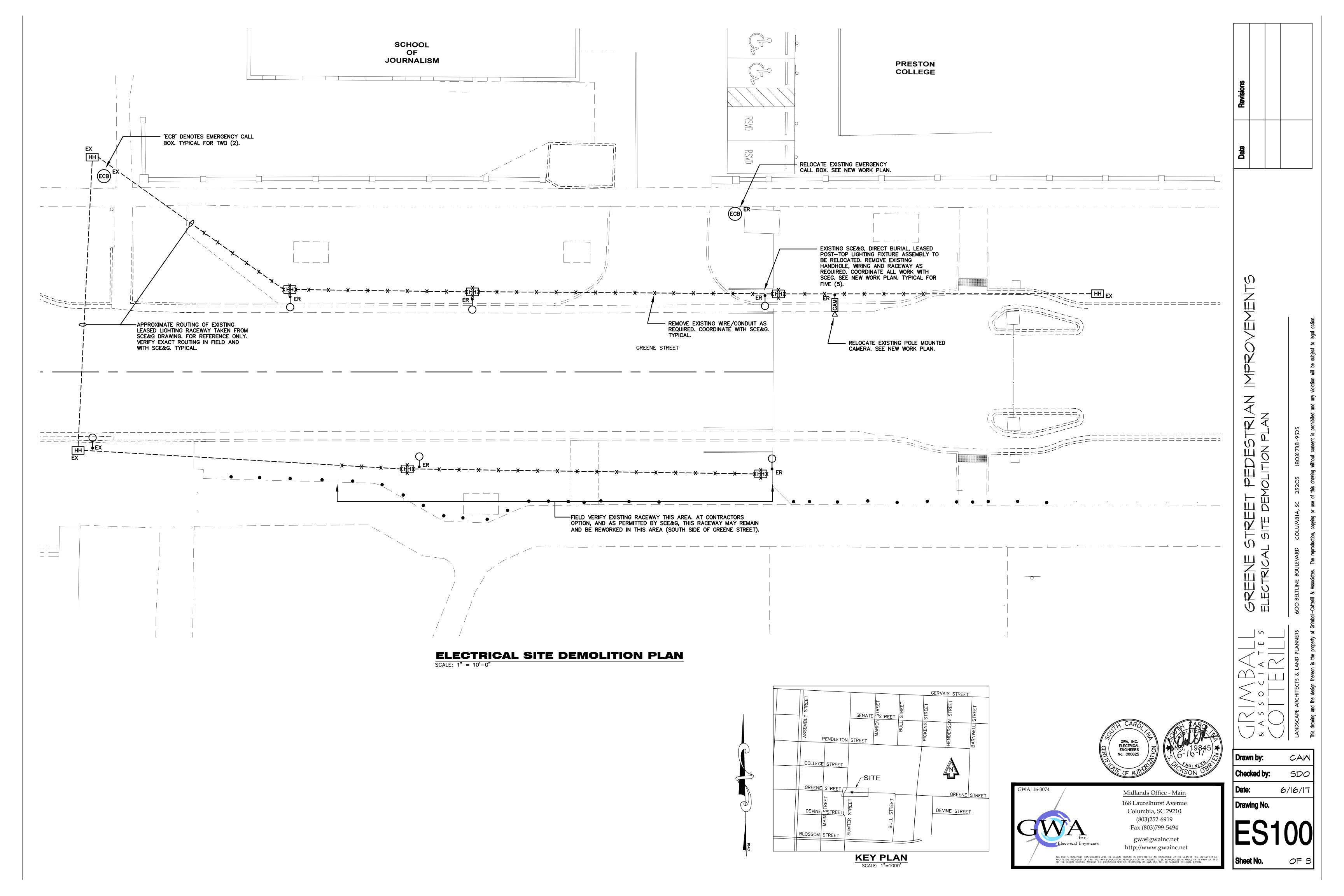
gwa@gwainc.net

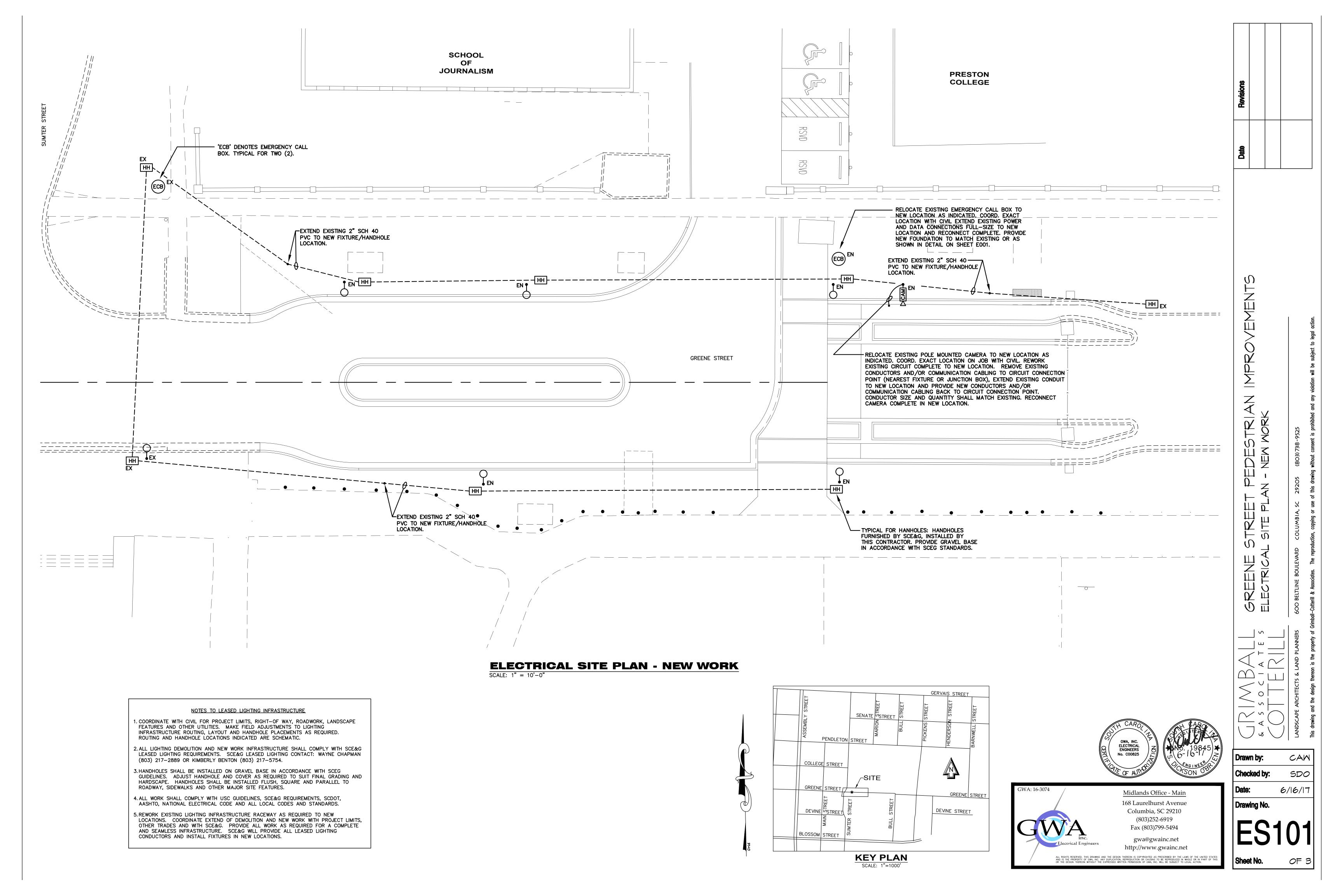
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CAN SDO 6/16/17

Drawn by: Checked by: Drawing No.

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END OF ADDENDUM Number One (1)