

USC UPSTATE LED LIGHTING PALMETTO VILLAS - BUILDING 6

PROJECT #FP00000251

UNIVERSITY OF SOUTH CAROLINA
UPSTATE

Spartanburg, South Carolina

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VICINITY MAP

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USC-2019-08

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PROJECT TITLE: USC UPSTATE - LED LIGHTING
PALMETTO VILLAS - BUILDING 6

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University of South Carolina

LIGHTING FIXTURE SCHEDULE									
SYMBOL	TYPE	DESCRIPTION	MANUFACTURER	MODEL NUMBER	OPTICAL ELEMENT	MOUNTING	VOLTS	WATTS	LIGHT SOURCE
	A	4' L.E.D. KITCHEN SURFACE LIGHTING FIXTURE WITH WHITE CROWN MOLDING TYPE ENCLOSURE.	LITHONIA (see general note 2)	FMFL 30840 CAML-WH (WHITE) WARRANTY: 5 YEARS ON DRIVER AND ARRAYS.	MATTE WHITE ACRYLIC DIFFUSER	CEILING SURFACE	120V	35W	L.E.D. - 2800 lumens (minimum) CRI = 80 (minimum) CCT = 4000K
	B	4' L.E.D. SURFACE VOLUMETRIC LIGHTING FIXTURE WITH PROVISIONS ON (1) END CAP FOR SURFACE RACEWAY ENTRY.	LITHONIA (see general note 2)	STL4-40L-120-EZ1-LP830-SC1 (WHITE) WARRANTY: 5 YEARS ON DRIVER AND ARRAYS.	CRESCENT LINEAR FACETED REFRACTOR	CEILING SURFACE	120V	35W	L.E.D. - 3800 lumens (minimum) CRI = 80 (minimum) CCT = 3000K
	C	13" DIAMETER ROUND L.E.D. SURFACE ENTRY-WAY LIGHTING FIXTURE.	LITHONIA (see general note 2)	FMML-13-8-30-DNA (NATURAL ALUMINUM) WARRANTY: 5 YEARS ON DRIVER AND ARRAYS.	ROUND ACRYLIC DIFFUSER	CEILING SURFACE	120V	28W	L.E.D. - 1690 lumens (minimum) CRI = 80 (minimum) CCT = 3000K
	D	SURFACE L.E.D. BATHROOM VANITY LIGHTING FIXTURE.	LITHONIA (see general note 2)	FMVTRL-24IN-MVOLT-30K90CRI-BN (BRUSHED NICKEL) WARRANTY: 5 YEARS ON DRIVER AND ARRAYS.	EXTRUDED ACRYLIC DIFFUSER	WALL SURFACE	120V	18W	L.E.D. - 1300 lumens (minimum) CRI = 90 (minimum) CCT = 3000K

SEE GENERAL NOTE 3 ON THIS DRAWING.

PROVIDE 3000K IF AVAILABLE FROM THE FIXTURE MANUFACTURER.

GENERAL CONSTRUCTION NOTES

- PROVIDE ALL WORK IN ACCORDANCE WITH THE FOLLOWING CODES AND STANDARDS:

INTERNATIONAL BUILDING CODE	2015 EDITION
INTERNATIONAL EXISTING BUILDING CODE	2015 EDITION
NFPA 70 - NATIONAL ELECTRICAL CODE	2014 EDITION
ANSI A117.1 - ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES	2017 EDITION
- ALL FIXTURES AND ELECTRICAL MATERIALS SHALL BE U.L. TESTED & LISTED OR BE TESTED & LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY. FIXTURES SPECIFIED IN THE LIGHTING FIXTURE SCHEDULE ARE MANUFACTURED BY LITHONIA; EQUIVALENT LIGHTING FIXTURES MANUFACTURED BY COLUMBIA, EATON, AND/OR H.E. WILLIAMS MAY BE PROVIDED IN LIEU OF THOSE SPECIFIED.
- RACEWAYS SHALL BE WHITE SURFACE METAL RACEWAYS (SMR) UNLESS NOTED OR DETAILED OTHERWISE. PROVIDE PROPER SMR CONDUIT ENTRY FITTINGS TO INTERFACE WITH NEW LIGHTING FIXTURES, WHERE APPLICABLE.
- JUNCTION BOXES SHALL BE ROUND, WHITE SURFACE METAL RACEWAY (SMR) TYPE WITH SCREW COVERS, INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS AND THE NATIONAL ELECTRICAL CODE.
- NEW CIRCUIT CONDUCTORS AND GROUND WIRES SHALL BE #12 AWG COPPER THHN AND COLOR-CODED INSULATION TO MATCH EXISTING CIRCUIT CONDUCTORS.
- THOROUGHLY CLEAN ALL LIGHTING FIXTURES AND ASSOCIATED LENSES BEFORE PLACING IN OPERATION, INCLUDING ALL FINGERPRINTS. RESTORE FINISHED SURFACES IF DAMAGED AND DELIVER THE ENTIRE INSTALLATION IN AN APPROVED CONDITION. THE CONTRACTOR SHALL INSTRUCT THE OWNER'S PERSONNEL IN THE PROPER OPERATION AND MAINTENANCE OF ALL LIGHTING FIXTURES AND FURNISH 3 SETS OF OPERATION AND MAINTENANCE MANUALS TO THE OWNER FOR THE INSTALLED LIGHTING FIXTURES.
- THE CONTRACTOR SHALL GUARANTEE THE WORK INSTALLED UNDER THIS CONTRACT FOR A PERIOD OF ONE YEAR AFTER DATE OF FINAL ACCEPTANCE. DEFECTS WHICH APPEAR AS A RESULT OF NORMAL USAGE SHALL BE REMEDIED BY THE CONTRACTOR TO THE COMPLETE SATISFACTION OF THE OWNER WITHOUT COST TO THE OWNER. SEE SPECIAL 5-YEAR LIGHTING WARRANTY REQUIREMENTS IN THE LIGHTING FIXTURE SCHEDULE ON THIS DRAWING.
- CUTTING, DRILLING, AND PATCHING: PROVIDE CHASES, SLOTS, AND OPENINGS IN EXISTING BUILDING COMPONENTS TO ALLOW FOR ELECTRICAL INSTALLATIONS. PERFORM CUTTING, DRILLING, FITTING, AND PATCHING REQUIRED TO:
 - INSTALL FIXTURES, MATERIALS, AND RACEWAYS IN EXISTING STRUCTURES.
 - REMOVE AND REPLACE DEFECTIVE WORK THAT DOES NOT CONFORM TO REQUIREMENTS OF THE CONTRACT DOCUMENTS.
 - UPON WRITTEN INSTRUCTIONS FROM THE ARCHITECT/ENGINEER, UNCOVER AND RESTORE WORK TO PROVIDE FOR ARCHITECT/ENGINEER OBSERVATION OF CONCEALED WORK.PROTECT EXISTING STRUCTURES, FURNISHINGS, FINISHES, MECHANICAL SYSTEMS, AND ELECTRICAL SYSTEMS WHILE PERFORMING CUTTING, DRILLING, FITTING, AND PATCHING.

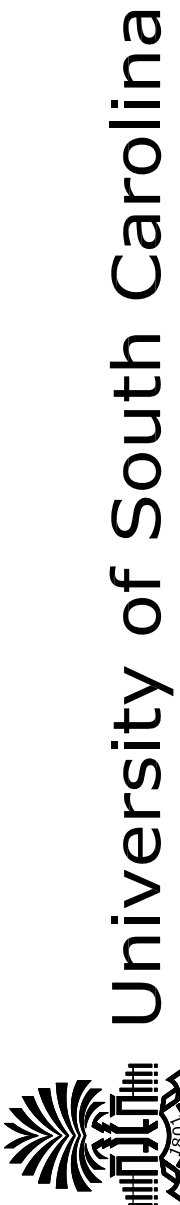
PATCH AND PAINT EXISTING SURFACES AND BUILDING COMPONENTS USING NEW MATERIALS THAT MATCH EXISTING MATERIALS. PATCHING AND PAINTING SHALL BE PERFORMED BY EXPERIENCED INSTALLERS.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	LIGHTING FIXTURE; TYPE AS INDICATED. CONNECT TO EXISTING CIRCUIT CONDUCTORS. SEE THE LIGHTING FIXTURE SCHEDULE FOR ADDITIONAL SYMBOLS AND TYPES.
	ROUND, WHITE SURFACE METAL RACEWAY (SMR) JUNCTION BOX WITH WHITE BLANK COVERPLATE, CEILING MOUNTED UNLESS NOTED OTHERWISE.
	WHITE SURFACE METAL RACEWAY (SMR).
	EXISTING FLUSH MOUNTED PANELBOARD - TO REMAIN.
	EXISTING 4' SURFACE MOUNTED CEILING FIXTURE. REMOVE FIXTURE. SPLICE AND EXTEND EXISTING CONDUCTORS AS REQUIRED TO SERVE NEW LIGHTING FIXTURE.
	EXISTING COMBINATION CEILING FAN/LIGHT. REMOVE FAN/LIGHT. SPLICE AND EXTEND EXISTING CONDUCTORS AS REQUIRED TO SERVE NEW LIGHTING FIXTURES.
	EXISTING CEILING MOUNTED LIGHT FIXTURE. REMOVE FIXTURE. SPLICE AND EXTEND EXISTING CONDUCTORS AS REQUIRED TO SERVE NEW LIGHTING FIXTURE.
	EXISTING CEILING MOUNTED ENTRY-WAY LIGHT FIXTURE. REMOVE FIXTURE. SPLICE/EXTEND EXISTING CONDUCTORS AS REQUIRED TO SERVE NEW LIGHTING FIXTURE.
	EXISTING WALL MOUNTED BATHROOM VANITY LIGHT FIXTURE. REMOVE FIXTURE. SPLICE AND EXTEND EXISTING CONDUCTORS AS REQUIRED TO SERVE NEW LIGHTING FIXTURE.
	EXISTING CEILING MOUNTED JUNCTION BOX - TO REMAIN IN PLACE.

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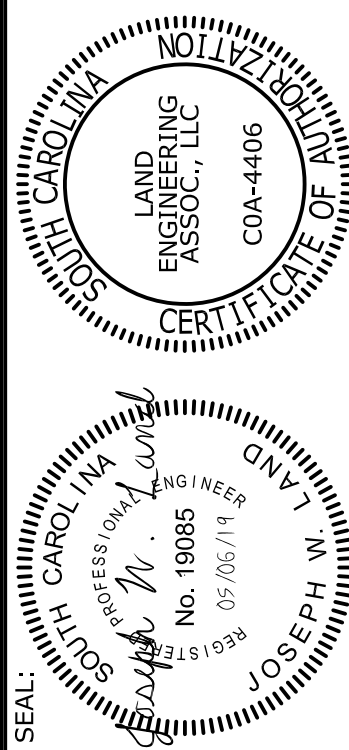


SHEET:

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2 OF 3

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2 OF 3



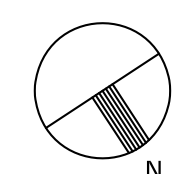
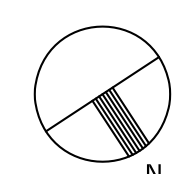
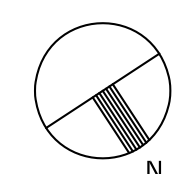
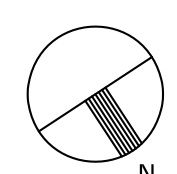
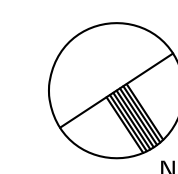
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$$1/8'' = 1' - 0''$$

$$1/8" = 1'-0"$$

$$1/8^{\text{th}} = 1' - 0$$

$$1/8"=1'-0"$$


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