

	SECTION 260500 GENERAL REQUIREMENTS FOR ELECTRICAL WORK	SECTION 260519 LOW VOLTAGE ELECTRICAL CONDUCTORS	SECTION 260526 GROUNDING	SECTION 260560 INSTALLATION OF WIRE AND CABLE	SECTION 262416 PANELBOARDS
P	PART 1 - GENERAL	PART 1 - GENERAL	PART 1 - GENERAL	PART 1 - GENERAL	PART 1 - GENERAL
N	1.1 REFERENCES	1.1 GENERAL	1.1 GENERAL	1.1 GENERAL	1.1 GENERAL
M	A. AS USED IN THIS SECTION, "PROVIDE" MEANS "FURNISH AND INSTALL"; "FURNISH" MEANS "TO PURCHASE AND DELIVER TO THE PROJECT SITE COMPLETE WITH EVERY NECESSARY APPURTENANCE AND SUPPORT AND TO STORE IN A SECURE AREA IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS"; AND "INSTALL" MEANS "TO UNLOAD AT THE DELIVERY POINT AT THE SITE OR RETRIEVE FROM STORAGE, MOVE TO POINT OF INSTALLATION AND PERFORM EVERY OPERATION NECESSARY TO ESTABLISH SECURE MOUNTING AND CORRECT OPERATION AT THE PROPER LOCATION IN THE PROJECT."	A. THE PROVISIONS OF SECTION 260500, GENERAL REQUIREMENTS FOR ELECTRICAL WORK APPLY TO THE WORK OF THIS SECTION.	A. THE PROVISIONS OF SECTION 260500, GENERAL REQUIREMENTS FOR ELECTRICAL WORK, APPLY TO THE WORK OF THIS SECTION.	A. THE PROVISIONS OF SECTION 260500, GENERAL REQUIREMENTS FOR ELECTRICAL WORK, APPLY TO THE WORK OF THIS SECTION.	A. THE PROVISIONS OF SECTION 260500, GENERAL REQUIREMENTS FOR ELECTRICAL WORK, APPLY TO THE WORK OF THIS SECTION.
L	1.2 EXAMINATION OF SITE	1.2 CODES AND STANDARDS	1.2 CODES AND STANDARDS:	1.2 CODES AND STANDARDS:	1.2 CODES AND STANDARDS
K	A. BEFORE SUBMITTING A BID, THE ELECTRICAL CONTRACTOR SHALL VISIT AND CAREFULLY EXAMINE SITE TO IDENTIFY EXISTING CONDITIONS AND DIFFICULTIES THAT MAY AFFECT THE WORK OF THIS SECTION. NO EXTRA PAYMENT WILL BE ALLOWED FOR ADDITIONAL WORK CAUSED BY UNFAMILIARITY WITH SITE CONDITIONS.	A. PRODUCTS SHALL COMPLY WITH THE FOLLOWING CODES AND STANDARDS AND SHALL BE UL LISTED AND LABELED: ASTM B-3 ASTM B-8 NEMA WC-5	A. PRODUCTS SHALL COMPLY WITH THE FOLLOWING CODES AND STANDARDS AND SHALL BE UL LISTED AND LABELED: NEMA 7B UL 467	A. PRODUCTS SHALL COMPLY WITH THE FOLLOWING CODES AND STANDARDS AND SHALL BE UL LISTED AND LABELED WHERE APPLICABLE: UL 486A UL 486B UL 510	A. PRODUCTS SHALL COMPLY WITH THE FOLLOWING CODES AND STANDARDS AND SHALL BE UL LISTED AND LABELED: NEMA AB-1 NEMA PB-1 UL 50 UL 67 UL 489
J	B. BEFORE STARTING WORK IN A PARTICULAR AREA OF THE PROJECT, THE ELECTRICAL CONTRACTOR SHALL EXAMINE THE CONDITIONS UNDER WHICH WORK MUST BE PERFORMED INCLUDING PREPARATORY WORK PERFORMED UNDER OTHER TRADES, AND REPORT CONDITIONS THAT MIGHT ADVERSELY AFFECT THE WORK IN WRITING TO CONSTRUCTION MANAGER. COMMENCEMENT OF WORK SHALL BE CONSIDERED AS COMPLETE ACCEPTANCE OF EXISTING CONDITIONS AND PREPARATORY WORK.	UL 44 UL 83	NATIONAL ELECTRICAL CODE GROUNDING AND BONDING EQUIPMENT	WIRE CONNECTORS AND SOLDERING LUGS FOR USE WITH COPPER CONDUCTORS. ELECTRICAL INSULATING TAPE	MOLDED CASE CIRCUIT BREAKERS PANELBOARDS MOLDED CASE CIRCUIT BREAKERS AND CIRCUIT BREAKER ENCLOSURES
G	1.3 SCOPE	1.3 SUBMITTALS	2.1 PRODUCTS	2.1 WIRE AND CABLE	1.3 SUBMITTALS
F	A. THE WORK TO BE ACCOMPLISHED UNDER THESE SPECIFICATIONS INCLUDES PROVIDING ALL LABOR, MATERIALS, EQUIPMENT, CONSUMABLE ITEMS, SUPERVISION, ADMINISTRATIVE TASKS, TESTS AND DOCUMENTATION REQUIRED TO INSTALL COMPLETE AND FULLY OPERATIONAL ELECTRICAL SYSTEMS AS DESCRIBED HEREIN AND SHOWN ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR SHALL COMPLETELY COORDINATE THE WORK OF THIS SECTION WITH THE WORK OF OTHER TRADES.	A. MANUFACTURER'S PRODUCT DATA SHEETS.	A. BARE GROUNDING CONDUCTORS SHALL BE SOFT DRAWN STRANDED COPPER, SIZED IN ACCORDANCE WITH NEC ARTICLE 250, UNLESS OTHERWISE NOTED ON THE DRAWINGS.	A. WIRE AND CABLE ARE SPECIFIED IN OTHER SECTIONS OF DIVISION 26.	A. MANUFACTURER'S PRODUCT DATA SHEETS.
E	B. THE ELECTRICAL CONTRACTOR SHALL FILE PLANS, OBTAIN PERMITS AND LICENSES, PAY FEES AND OBTAIN NECESSARY INSPECTIONS AND APPROVALS FROM AUTHORITIES THAT HAVE JURISDICTION, AS REQUIRED TO PERFORM WORK IN ACCORDANCE WITH ALL LEGAL REQUIREMENTS. THE ELECTRICAL CONTRACTOR SHALL PAY UTILITY BACKCHARGES AND EXCESS COSTS AND PERFORM WORK IN ACCORDANCE WITH UTILITY COMPANY REQUIREMENTS.	2.1 GENERAL	B. INSULATED GROUNDING CONDUCTORS SHALL BE STRANDED COPPER WITH TYPE TW, THW OR THHN/THWN INSULATION COLORED GREEN.	A. POWER WIRING:	B. CIRCUIT BREAKER SCHEDULES.
D	C. THE WORK SHALL BE COMPLETE FROM POINT OF SERVICE TO EACH OUTLET OR DEVICE WITH ALL ACCESSORY CONSTRUCTION AND MATERIALS REQUIRED TO MAKE EACH ITEM OF EQUIPMENT OR SYSTEM COMPLETE AND READY FOR OPERATION. THE WORK SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:	A. ALL CONDUCTORS SHALL BE ANNEALED COPPER IN ACCORDANCE WITH ASTM B-3.	2.2 CONNECTIONS	1. TERMINAL LUGS, CONNECTORS AND SPLICES SHALL BE TIN PLATED, HIGH CONDUCTIVITY COPPER COMPRESSION TYPE. THEY SHALL HAVE CHAMFERED BARRELS AND BE PERMANENTLY IDENTIFIED WITH CONDUCTOR SIZES.	C. DIMENSIONED PLANS, ELEVATIONS, SECTIONS AND DETAILS.
C	1. COMPLETE POWER AND LIGHTING DISTRIBUTION SYSTEMS INCLUDING, LIGHTING AND RECEPTACLE PANELBOARDS, OVERCURRENT DEVICES, RACEWAY, CABLE AND WIRE.	2. SIZE 3. INSULATION TYPE 4. MAXIMUM VOLTAGE 5. UL LABEL	A. WELDED CONNECTIONS SHALL BE EXOTHERMIC REACTION TYPE: CADIWELD OR APPROVED EQUAL. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL MOLDS, CRUIBLES, WELD METAL AND NECESSARY MATERIALS TO COMPLETE ALL CONNECTIONS.	2. TERMINAL LUGS FOR CONDUCTORS NO. 3/0 AWG AND LARGER SHALL BE LONG BARREL NEMA TWO HOLE TYPE.	A. SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
B	2. BRANCH CIRCUITS AND DEVICES FOR POWER AND CONVENIENCE RECEPTACLES.	2.2 POWER WIRING	B. LUGS SHALL BE LONG BARREL, TWO HOLE COMPRESSION TYPE FOR NO. 3/0 AWG WIRE AND LARGER AND SHORT BARREL, ONE HOLE COMPRESSION TYPE FOR GROUNDING CONDUCTORS NO. 2/0 AWG AND SMALLER.	3. SPLICES SHALL BE LONG BARREL BUTT TYPE WITH A CENTER STOP IN THE SPLICE BARREL.	SQUARE D GE SIEMENS CUTLER HAMMER
A	3. COMPLETE INTERIOR LIGHTING SYSTEM INCLUDING NORMAL AND EMERGENCY FIXTURES, EXIT SIGNS, LAMPS, CONTROLS, TRIM AND ACCESSORIES.	A. FEEDERS AND MOTOR BRANCH CIRCUITS SHALL BE TYPE XHHW-2.	3.1 EQUIPMENT GROUNDING CONDUCTORS	4. HYDRAULIC CRIMPING TOOLS WITH PROPER DIE SIZES WHICH REQUIRE FULL CLOSURE BEFORE REOPENING SHALL BE USED.	1.4 MANUFACTURERS
	4. EXTENSION OF EXISTING FIRE ALARM AND DETECTION SYSTEM INCLUDING PULL STATIONS, AREA SMOKE DETECTORS, INDICATING APPLIANCES, AUXILIARY CONTACTS FOR EQUIPMENT INTERLOCKING, AND OTHER DEVICES SHOWN ON THE DRAWINGS.	B. ALL POWER WIRING SHALL BE STRANDED, CLASS B STRAND IN ACCORDANCE WITH ASTM B-8, MINIMUM SIZE #12 AWG.	A. A SEPARATE INSULATED GREEN COPPER CONDUCTOR SHALL BE INSTALLED AS AN EQUIPMENT GROUNDING CONDUCTOR IN ALL RACEWAY AND WITH EVERY FEEDER, BRANCH CIRCUIT AND CONTROL CIRCUIT. THIS SHALL BE IN ADDITION TO THE GROUNDED METALLIC CONDUIT SYSTEM.	B. LIGHTING AND BRANCH CIRCUITS	A. SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	5. PROVIDE ALL PATHWAYS, ROUGH-IN, CONDUIT, CABLE TRAY AND EMPTY OUTLET BOXES FOR VOICEDATA WIRING, WIRING, JACKS AND TERMINATION SHALL BE BY OWNER. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH MINE HEALTH NETWORK ENGINEERING INFRASTRUCTURE SPECIFICATIONS DATED MAY 2017.	2.3 BRANCH CIRCUITS	B. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL BE TERMINATED AT BOTH ENDS.	1. SPLICES AND TAPS IN LIGHTING AND BRANCH CIRCUIT WIRING SHALL BE 3M SCOTCHLOK SPRING CONNECTORS OR EQUAL.	SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	6. CONTROL WIRING NOT PROVIDED BY DIVISION 23.	A. ALL LIGHTING AND CONVENIENCE RECEPTACLE BRANCH CIRCUIT WIRING SHALL BE TYPE THHN/THWN.	3.2 CONNECTIONS	C. METAL CLAD CABLE CONNECTORS.	SQUARE D GE SIEMENS CUTLER HAMMER
	7. GROUNDING.	B. BRANCH CIRCUIT WIRING SHALL BE SOLID OR STRANDED CONDUCTOR, MINIMUM SIZE #12 AWG.	A. ALL CONNECTIONS TO BUILDING STEEL SHALL BE EXOTHERMIC WELD.	1. FOR NON-JACKETED METAL CLAD CABLE IN DRY LOCATIONS, CABLE TERMINATIONS SHALL BE O.Z. GEDNEY TYPE PK FOR USE WITH GALVANIZED STEEL ARMOR OR TYPE PK-A FOR USE WITH ALUMINUM ARMOR. CABLE TERMINATIONS SHALL BE PROVIDED WITH LOCKNUTS AND BUSHINGS.	1.4 MANUFACTURERS
	8. ALL SUPPORT MATERIAL AND HARDWARE FOR RACEWAY AND ELECTRICAL EQUIPMENT.	2.4 CONTROL WIRING	B. CONNECTIONS TO THE EQUIPMENT GROUND BUSES OR PADS SHALL BE COMPRESSION TYPE LUGS, BOLTED TO THE BUS OR PAD.	2. TERMINAL LUGS FOR CONDUCTORS NO. 3/0 AWG AND LARGER SHALL BE LONG BARREL NEMA TWO HOLE TYPE.	A. SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	9. BRANCH CIRCUITS TO CONTROL PANELS AND DEVICES FURNISHED UNDER OTHER SECTIONS.	A. WIRING FOR CONTROL CIRCUITS SHALL BE THHN/THWN.	C. GROUNDING CONNECTIONS SHALL BE MADE TO CLEAN, DRY SURFACES. ALL SCALE, RUST, PAINT, GREASE AND OTHER CONTAMINATION SHALL BE REMOVED PRIOR TO MAKING CONNECTIONS. UPON COMPLETION OF WELDED CONNECTIONS, ALL SLAG SHALL BE REMOVED.	3. SPLICES SHALL BE LONG BARREL BUTT TYPE WITH A CENTER STOP IN THE SPLICE BARREL.	SQUARE D GE SIEMENS CUTLER HAMMER
	10. TERMINATION OF ALL CABLE AND WIRE UNLESS OTHERWISE NOTED.	B. CONTROL WIRING SHALL BE STRANDED, CLASS B STRAND IN ACCORDANCE WITH ASTM B-8, MINIMUM SIZE #14 AWG.	3.3 RACEWAY AND EQUIPMENT	4. HYDRAULIC CRIMPING TOOLS WITH PROPER DIE SIZES WHICH REQUIRE FULL CLOSURE BEFORE REOPENING SHALL BE USED.	1.4 MANUFACTURERS
	11. INSTALLATION OF ACCESS PANELS IN CEILINGS AND WALL CONSTRUCTION.	2.5 FIXTURE WIRE	A. ALL RACEWAY AND NON-CURRENT CARRYING METAL EQUIPMENT AND ENCLOSURES SHALL BE ELECTRICALLY CONTINUOUS AND BONDED TO THE GROUNDING SYSTEM.	B. LIGHTING AND BRANCH CIRCUITS	A. SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	12. SEALING OF CEILING, WALL AND FLOOR PENETRATIONS.	A. WHERE HIGH TEMPERATURE FIXTURE WIRE IS REQUIRED IT SHALL BE SILICONE RUBBER TYPE SF-2.	B. WHERE EQUIPMENT IS PROVIDED WITH A GROUND BUS, ALL EQUIPMENT GROUNDING CONDUCTORS SHALL BE TERMINATED ON THE BUS. THE ELECTRICAL CONTRACTOR SHALL PERFORM ALL DRILLING AND TAPPING REQUIRED AND PROVIDE ALL HARDWARE.	1. SPLICES AND TAPS IN LIGHTING AND BRANCH CIRCUIT WIRING SHALL BE 3M SCOTCHLOK SPRING CONNECTORS OR EQUAL.	SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	13. DEMOLITION.	3.1 GENERAL	END OF SECTION 260526	C. METAL CLAD CABLE CONNECTORS.	SQUARE D GE SIEMENS CUTLER HAMMER
	1.4 RELATED WORK IN OTHER SECTIONS	A. ALL WIRE SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 260560, INSTALLATION OF WIRE AND CABLE.	END OF SECTION 260560	1. FOR NON-JACKETED METAL CLAD CABLE IN DRY LOCATIONS, CABLE TERMINATIONS SHALL BE O.Z. GEDNEY TYPE PK FOR USE WITH GALVANIZED STEEL ARMOR OR TYPE PK-A FOR USE WITH ALUMINUM ARMOR. CABLE TERMINATIONS SHALL BE PROVIDED WITH LOCKNUTS AND BUSHINGS.	1.4 MANUFACTURERS
	A. THE FOLLOWING WORK IS NOT INCLUDED IN THIS SECTION AND SHALL BE PERFORMED UNDER OTHER SECTIONS:	END OF SECTION 260519	END OF SECTION 260526	2. TERMINAL LUGS FOR CONDUCTORS NO. 3/0 AWG AND LARGER SHALL BE LONG BARREL NEMA TWO HOLE TYPE.	A. SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	1. CONCRETE WORK, INCLUDING CONCRETE HOUSEKEEPING PADS AND OTHER PADS AND BLOCKS FOR VIBRATING AND ROTATING EQUIPMENT.	END OF SECTION 260519	END OF SECTION 260526	3. SPLICES SHALL BE LONG BARREL BUTT TYPE WITH A CENTER STOP IN THE SPLICE BARREL.	SQUARE D GE SIEMENS CUTLER HAMMER
	2. CUTTING AND PATCHING OF MASONRY, CONCRETE, TILE, AND OTHER PARTS OF STRUCTURE, WITH THE EXCEPTION OF DRILLING FOR HANGERS AND PROVIDING HOLES AND OPENINGS IN METAL DECKS.	END OF SECTION 260519	END OF SECTION 260526	4. HYDRAULIC CRIMPING TOOLS WITH PROPER DIE SIZES WHICH REQUIRE FULL CLOSURE BEFORE REOPENING SHALL BE USED.	1.4 MANUFACTURERS
	3. PAINTING.	END OF SECTION 260519	END OF SECTION 260526	B. LIGHTING AND BRANCH CIRCUITS	A. SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	4. TEMPORARY WATER, HEAT, GAS AND SANITARY FACILITIES FOR USE DURING CONSTRUCTION.	END OF SECTION 260519	END OF SECTION 260526	1. SPLICES AND TAPS IN LIGHTING AND BRANCH CIRCUIT WIRING SHALL BE 3M SCOTCHLOK SPRING CONNECTORS OR EQUAL.	SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	5. CONTROL WIRING SPECIFICALLY INDICATED AS PART OF DIVISION 23.	END OF SECTION 260519	END OF SECTION 260526	C. METAL CLAD CABLE CONNECTORS.	SQUARE D GE SIEMENS CUTLER HAMMER
	B. THE ELECTRICAL CONTRACTOR SHALL IDENTIFY LOCATIONS OF PENETRATIONS, STRUCTURAL SUPPORTS, ETC. REQUIRED FOR THE COMPLETION OF THE WORK OF THIS SECTION TO THE GENERAL CONTRACTOR IN A TIMELY MANNER.	END OF SECTION 260519	END OF SECTION 260526	1. FOR NON-JACKETED METAL CLAD CABLE IN DRY LOCATIONS, CABLE TERMINATIONS SHALL BE O.Z. GEDNEY TYPE PK FOR USE WITH GALVANIZED STEEL ARMOR OR TYPE PK-A FOR USE WITH ALUMINUM ARMOR. CABLE TERMINATIONS SHALL BE PROVIDED WITH LOCKNUTS AND BUSHINGS.	1.4 MANUFACTURERS
	1.5 CODES, STANDARDS, AND AUTHORITIES	END OF SECTION 260519	END OF SECTION 260526	2. TERMINAL LUGS FOR CONDUCTORS NO. 3/0 AWG AND LARGER SHALL BE LONG BARREL NEMA TWO HOLE TYPE.	A. SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	A. ALL WORK SHALL BE PERFORMED STRICTLY AS REQUIRED BY RULES, REGULATIONS, STANDARDS, CODES, ORDINANCES, AND LAWS OF LOCAL, STATE, AND FEDERAL GOVERNMENTS, AND OTHER AUTHORITIES THAT HAVE LAWFUL JURISDICTION. ADDITIONALLY, MATERIALS AND EQUIPMENT SHALL BE MANUFACTURED, INSTALLED AND TESTED AS SPECIFIED IN LATEST EDITIONS, (EXCEPT WHERE NOTED OTHERWISE), OF PUBLICATIONS, STANDARDS, RULINGS, AND DETERMINATIONS OF:	END OF SECTION 260519	END OF SECTION 260526	3. SPLICES SHALL BE LONG BARREL BUTT TYPE WITH A CENTER STOP IN THE SPLICE BARREL.	SQUARE D GE SIEMENS CUTLER HAMMER
	1. LOCAL AND STATE BUILDING, PLUMBING, MECHANICAL, ELECTRICAL, FIRE AND HEALTH DEPARTMENT AND PUBLIC SAFETY CODES AGENCIES.	END OF SECTION 260519	END OF SECTION 260526	4. HYDRAULIC CRIMPING TOOLS WITH PROPER DIE SIZES WHICH REQUIRE FULL CLOSURE BEFORE REOPENING SHALL BE USED.	1.4 MANUFACTURERS
	2. INTERNATIONAL BUILDING CODE (IBC), 2009 EDITION.	END OF SECTION 260519	END OF SECTION 260526	B. LIGHTING AND BRANCH CIRCUITS	A. SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	3. INTERNATIONAL FIRE CODE (IFC), 2015 EDITION.	END OF SECTION 260519	END OF SECTION 260526	1. SPLICES AND TAPS IN LIGHTING AND BRANCH CIRCUIT WIRING SHALL BE 3M SCOTCHLOK SPRING CONNECTORS OR EQUAL.	SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	4. INTERNATIONAL ENERGY CONSERVATION CODE (IECC), 2009 EDITION.	END OF SECTION 260519	END OF SECTION 260526	C. METAL CLAD CABLE CONNECTORS.	SQUARE D GE SIEMENS CUTLER HAMMER
	5. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)	END OF SECTION 260519	END OF SECTION 260526	1. FOR NON-JACKETED METAL CLAD CABLE IN DRY LOCATIONS, CABLE TERMINATIONS SHALL BE O.Z. GEDNEY TYPE PK FOR USE WITH GALVANIZED STEEL ARMOR OR TYPE PK-A FOR USE WITH ALUMINUM ARMOR. CABLE TERMINATIONS SHALL BE PROVIDED WITH LOCKNUTS AND BUSHINGS.	1.4 MANUFACTURERS
	6. OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)	END OF SECTION 260519	END OF SECTION 260526	2. TERMINAL LUGS FOR CONDUCTORS NO. 3/0 AWG AND LARGER SHALL BE LONG BARREL NEMA TWO HOLE TYPE.	A. SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	7. FACTORY MUTUAL ASSOCIATION (FM)	END OF SECTION 260519	END OF SECTION 260526	3. SPLICES SHALL BE LONG BARREL BUTT TYPE WITH A CENTER STOP IN THE SPLICE BARREL.	SQUARE D GE SIEMENS CUTLER HAMMER
	8. NATIONAL ELECTRICAL CODE (NEC), 2014 EDITION.	END OF SECTION 260519	END OF SECTION 260526	4. HYDRAULIC CRIMPING TOOLS WITH PROPER DIE SIZES WHICH REQUIRE FULL CLOSURE BEFORE REOPENING SHALL BE USED.	1.4 MANUFACTURERS
	9. NATIONAL ELECTRICAL SAFETY CODE (NESC).	END OF SECTION 260519	END OF SECTION 260526	B. LIGHTING AND BRANCH CIRCUITS	A. SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	10. MAINE HEALTH NETWORK ENGINEERING INFRASTRUCTURE SPECIFICATIONS DATED MAY 2017.	END OF SECTION 260519	END OF SECTION 260526	1. SPLICES AND TAPS IN LIGHTING AND BRANCH CIRCUIT WIRING SHALL BE 3M SCOTCHLOK SPRING CONNECTORS OR EQUAL.	SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	B. ALL MATERIALS AND EQUIPMENT SHALL BE LISTED BY UNDERWRITERS LABORATORIES (UL), AND APPROVED FOR INTENDED SERVICE.	END OF SECTION 260519	END OF SECTION 260526	C. METAL CLAD CABLE CONNECTORS.	SQUARE D GE SIEMENS CUTLER HAMMER
	C. WHEN REQUIREMENTS CITED IN THIS PARAGRAPH CONFLICT WITH EACH OTHER OR WITH CONTRACT DOCUMENTS, THE MOST STRINGENT REQUIREMENTS SHALL GOVERN CONDUCT OF WORK.	END OF SECTION 260519	END OF SECTION 260526	1. FOR NON-JACKETED METAL CLAD CABLE IN DRY LOCATIONS, CABLE TERMINATIONS SHALL BE O.Z. GEDNEY TYPE PK FOR USE WITH GALVANIZED STEEL ARMOR OR TYPE PK-A FOR USE WITH ALUMINUM ARMOR. CABLE TERMINATIONS SHALL BE PROVIDED WITH LOCKNUTS AND BUSHINGS.	1.4 MANUFACTURERS
	1.6 CONTRACT DRAWINGS	END OF SECTION 260519	END OF SECTION 260526	2. TERMINAL LUGS FOR CONDUCTORS NO. 3/0 AWG AND LARGER SHALL BE LONG BARREL NEMA TWO HOLE TYPE.	A. SUBJECT TO COMPLIANCE WITH THE REQUIREMENTS OF THIS SECTION:
	A. WORK TO BE PERFORMED UNDER THIS SECTION IS SHOWN ON THE CONTRACT DRAWINGS AND DESCRIBED IN THE SPECIFICATIONS.	END OF SECTION 260519	END OF SECTION 260526	3. SPLICES SHALL BE LONG BARREL BUTT TYPE WITH A CENTER STOP IN THE SPLICE BARREL.	SQUARE D GE SIEMENS CUTLER HAMMER
	B. THE LISTING OF ELECTRICAL DRAWINGS DOES NOT LIMIT RESPONSIBILITY OF DETERMINING THE FULL EXTENT OF WORK REQUIRED BY CONTRACT DOCUMENTS. THE ELECTRICAL CONTRACTOR SHALL REFER TO ARCHITECTURAL, PLUMBING, HVAC, STRUCTURAL, AND OTHER DRAWINGS AND OTHER SECTIONS THAT INDICATE TYPES OF CONSTRUCTION WITH WHICH WORK OF THIS SECTION MUST BE COORDINATED. ELECTRICAL CONTRACTOR SHALL CHECK WITH THE GENERAL CONTRACTOR AND OTHER TRADES TO DETERMINE WHETHER THERE WILL BE ANY INTERFERENCE BY SUCH TRADES WITH THE ELECTRICAL WORK. IF THE ELECTRICAL CONTRACTOR FAILS TO CHECK WITH THE GENERAL CONTRACTOR AND THE ELECTRICAL WORK IS LATER FOUND TO INTERFERE WITH THEIR OTHER WORK, THE ELECTRICAL CONTRACTOR SHALL MAKE NECESSARY CHANGES, WITHOUT ADDITIONAL COST TO THE OWNER, TO ELIMINATE SUCH INTERFERENCE.	END OF SECTION 260519	END OF SECTION 260526	4. HYDRAULIC CRIMPING TOOLS WITH PROPER DIE SIZES WHICH REQUIRE FULL CLOSURE BEFORE REOPENING SHALL BE USED.	1.4 MANUFACTURERS

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