NATIONAL ACCOUNTS: SWITCHGEAR

SUPPLY and INSTALL STANDARD PACKAGE

CORPORATE AND FRANCHISE DEVELOPMENT

YUM NATIONAL ACCOUNT AGREEMENT IS WITH SQUARE-D FOR ELECTRICAL SWITCHGEAR EQUIPMENT FOR COMPANY AND FRANCHISE DEVELOPMENT. CUTLER-HAMMER ELECTRICAL SWITCHGEAR EQUIPMENT IS AN APPROVED ALTERNATE MANUFACTURER FOR FRANCHISE DEVELOPMENT ONLY.

UNDER THIS AGREEMENT, THE CONTRACTOR IS RESPONSIBLE FOR PURCHASE AND INSTALLATION OF THE SYSTEMS DESCRIBED IN THE PLANS. ALL COMPANY AND FRANCHISE PROJECTS SHALL CONTACT ACCUSERVE FOR A PRICE QUOTE AND A BILL OF MATERIAL CONFIRMATION FOR THEIR SPECIFIC PROJECT. SEE THE SWITCHGEAR SECTION IN THE SCOPE OF WORK FOR ADDITIONAL INFORMATION.

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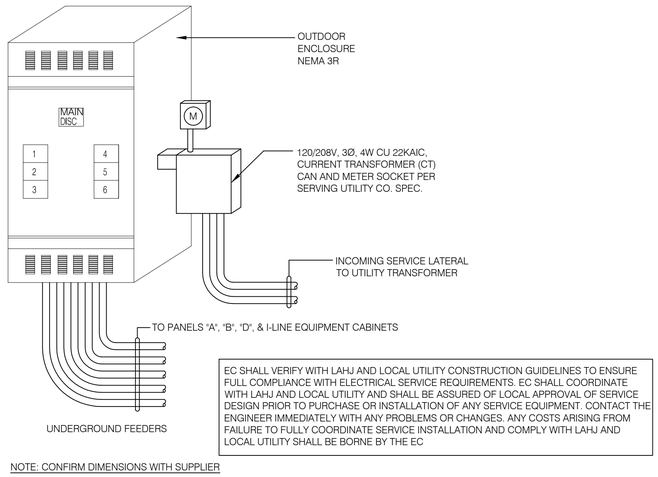
THE SWITCHGEAR PACKAGE CONSISTS OF SERVICE ENTRANCE, SWITCHGEAR, MAIN PANELS, SUB PANELS, LIGHTING CONTACTORS AND ALL ASSOCIATED PRODUCTS TO COMPLIMENT THE SWITCHGEAR PACKAGE.

BE PREPARED AT TIME OF ORDER OR QUOTE REQUEST TO PROVIDE ALL PROJECT DETAILS REGARDING SPECIFICATIONS AND QUANTITIES AS SITE SPECIFIC DESIGN MAY NOT MATCH PROTOTYPICAL DESIGN.

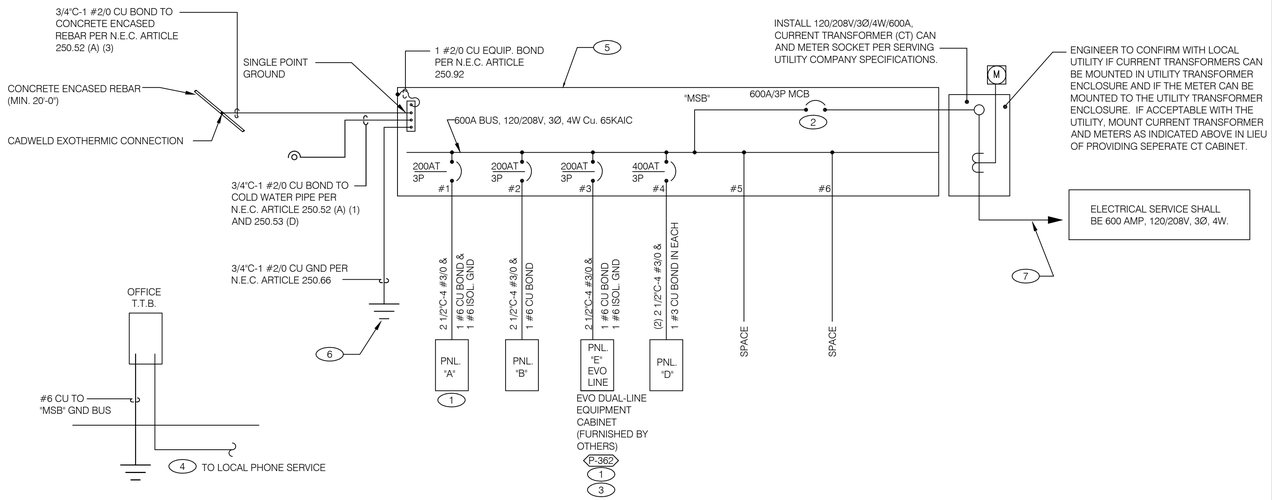
NOTE: THE SITE-ADAPT CONSULTANT IS RESPONSIBLE FOR DETERMINING IF THE SITE-SPECIFIC SWITCHGEAR PACKAGE FALLS WITHIN A JURISDICTION THAT REQUIRES EUSERC-COMPLIANT METERING EQUIPMENT.



EC SHALL VERIFY WITH LAHJ AND LOCAL UTILITY CONSTRUCTION GUIDELINES TO ENSURE FULL COMPLIANCE WITH ELECTRICAL SERVICE REQUIREMENTS. EC SHALL COORDINATE WITH LAHJ AND LOCAL UTILITY AND SHALL BE ASSURED OF LOCAL APPROVAL OF SERVICE DESIGN PRIOR TO PURCHASE OR INSTALLATION OF ANY SERVICE EQUIPMENT. CONTACT THE ENGINEER IMMEDIATELY WITH ANY PROBLEMS OR CHANGES. ANY COSTS ARISING FROM FAILURE TO FULLY COORDINATE SERVICE INSTALLATION AND COMPLY WITH LAHJ AND LOCAL UTILITY SHALL BE BORNE BY THE EC

NOTE: CONFIRM DIMENSIONS WITH SUPPLIER

SERVICE ENTRANCE EQUIPMENT ELEVATION - NON-EUSERC PACKAGE E



SINGLE LINE DIAGRAM B

	2X4 LEDFIXTURE	NL	NIGHT LIGHT		FUSIBLE DISCONNECT SWITCH WITH STARTER
		Ⓢ	CEILING MOUNTED SPEAKER		FUSED DISCONNECT SWITCH
	2X4 LED FIXTURE WITH BATTERY PACK	Ⓢ	WALL MOUNTED SPEAKER		NON-FUSED DISCONNECT SWITCH
		J	JUNCTION BOX		
	1X4 LED FIXTURE	J	WALL MOUNTED JUNCTION BOX	PC	PHOTOCELL
			TELEPHONE OUTLET	RS	RAIN SENSOR
	1X4 LED FIXTURE WITH BATTERY PACK		DEDICATED GROUNDED OUTLET		LED WALL MOUNT FIXTURE
			DUPLEX GROUNDED OUTLET		EMERGENCY LIGHT
○	DOWNLIGHT FIXTURE		DOUBLE DUPLEX GROUNDED OUTLET		
⊙	PENDANT MOUNTED LIGHT FIXTURE		GFCI PROTECTED DUPLEX OUTLET	$	SINGLE POLE, SINGLE THROW TOGGLE SWITCH
	EXTERIOR WALL SCONCE		GFCI PROTECTED DUPLEX W/ BOTT. HALF SWITCHED		
	WALL WASH DOWNLIGHT FIXTURE		GFCI PROTECTED DEDICATED OUTLET	$P	SINGLE POLE, SINGLE THROW TOGGLE SWITCH W/ PILOT LIGHT
	EXTERIOR WALL GOOSE NECK FIXTURE		CEILING DUPLEX OUTLET	R	RELAY
	COOLER FIXTURE		DUPLEX ISOLATED GROUND OUTLET		CONDUIT RUN, UNDERGROUND
	COOLER FIXTURE		DOUBLE DUPLEX ISOLATED GROUND OUTLET	⊙	SMOKE DETECTOR
	BUG-EYE EMERGENCY FIXTURE (WALL MOUNTED)		DEDICATED ISOLATED GROUND		EXTERIOR WALL FIXTURE
			SPECIAL PURPOSE OUTLET		
	EXIT SIGN (WALL MOUNTED)		CEILING SPECIAL PURPOSE OUTLET		EXTERIOR DECORATIVE WALL FIXTURE
			ELECTRICAL PANEL. SEE SHEET E2.1 FOR PANEL SCHED.		
	EXIT SIGN (CEILING MOUNTED)		HOLD UP EMERGENCY BUTTON		EXTERIOR DECORATIVE WALL FIXTURE
	SECURITY STROBE		ELECTRICAL MOTOR	WPG	WEATHERPROOF GROUND FAULT
		SD	DUCT MOUNTED SMOKE DETECTOR		
		C	CONNECTION TO EQUIPMENT		

ELECTRICAL LEGEND F

1. THERE SHALL BE U.L. LISTED SERIES RATING BETWEEN CKT. BREAKERS LOCATED AT THE DISTRIBUTION PANEL AND THE DOWNSTREAM CIRCUIT BREAKERS AT PANELS "A", "B" ,"D", I-LINE EQUIPMENT CABINETS BASED ON THE MAXIMUM FAULT CURRENT AS DETERMINED AT THE SERVICE ENTRANCE. SEE FAULT CURRENT CALCULATIONS ON SHEET E2.1.
2. SEE SCOPE OF WORK FOR DETAILS REGARDING OWNER SUPPLIED AND/OR INSTALLED PRODUCTS. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OTHER ASPECTS OF THE PROJECT
3. IF UTILITY COMPANY PROPOSES A SERVICE DIFFERENT FROM THAT ILLUSTRATED, CONTACT THE CONSTRUCTION ENGINEER FOR A DECISION BEFORE PROCEEDING. COORDINATE AVAILABLE SHORT CIRCUIT CURRENT W/ LOCAL UTILITY AND PROVIDE CIRCUIT BREAKERS W/ SUFFICIENT INTERRUPTING CAPACITY.
4. COORDINATE CT METERING COMPARTMENT SIZE WITH LOCAL UTILITY COMPANY, THE LOCAL ELECTRICAL INSPECTOR AND THE NATIONAL ELECTRICAL CODE TO MEET ALL REQUIREMENTS BEFORE PURCHASE AND INSTALLATION. NEW METER BY LOCAL UTILITY COMPANY.
5. ALL WIRING SHOWN SHALL BE COPPER TYPE "THHN/THWN" EXCEPT FEEDERS FROM UTILITY TRANSFORMER TO SWITCH BOARD MAY BE ALUMINUM. IF ALLOWED BY LAHJ, ADJUST FEEDER SIZES APPROPRIATELY PER NEC.
6. ALL CONDUIT SHALL BE EMT ABOVE 12" A.F.F. MC CABLE SHALL BE USED FOR THE FINAL RUN FROM THE J-BOX TO THE DEVICE FOR LENGTHS LESS THAN 60". NO LOOPING ALLOWED. ALL CONDUIT SHALL BE CONCEALED U.N.O.

GENERAL NOTES D

1. WIRE ISOLATED GROUND TO ISOLATED GROUND BUS IN PANEL AND LAND ISOLATED GROUND TO SINGLE POINT GROUND. "DO NOT COMBINE COMMON GND TO ISOLATED GROUND".
2. BUILDING MAIN DISCONNECT FOR THIS SERVICE:
   LABEL MAIN BREAKER AS INDICATED: (ENGRAVED LETTERS x 3/4" HIGH)
   "MAIN SERVICE DISCONNECT "
3. EQUIPMENT PANEL IS PROVIDED BY EQUIPMENT VENDOR. EC SHALL INSTALL AS SHOWN.
4. PROVIDE 2" CONDUIT STUBBED INTO BUILDING FROM LATERAL POLE OR PEDESTAL FOR TELEPHONE.
5. VERIFY AVAILABLE FAULT CURRENT AT SERVICE ENTRANCE WITH THE UTILITY CO. TO CONFIRM 65 KAIC RATED EQUIPMENT IS SUFFICIENT.
6. 5/8" DIA. x 10'-0" COPPER CLAD GROUND RODS. INSTALL AND CONNECT GROUND SYSTEM PER N.E.C ARTICLE 250.
7. INSTALL UNDERGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER SERVING UTILITY COMPANY SPECIFICATIONS. 4#350kcmil,CU. IN EACH OF (2) 3"C. TO PAD MOUNT TRANSFORMER. GC / ELECT. CONTRACTOR SHALL COORDINATE SERVICE POLES PER LOCAL UTILITY CODE. ALUMINUM CAN ONLY BE USED WITH SPECIFIC APPROVAL FROM THE OWNER.

KEY NOTES C

PROJECT # 22204

national restaurant designers
ARCHITECTS & ENGINEERS
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A Division of LMHT Associates

SOUTH CAROLINA PROFESSIONAL ENGINEER No. 14782 — Digitally signed by Jolson R. Thornton, Jr Date: 2022.05.20 07:38:20 -04'00'

SOUTH CAROLINA LMHT ASSOCIATES,PA No. C02215 CERTIFICATE OF AUTHORIZATION

CONTRACT DATE:	XXXXX
BUILDING TYPE:	XXXXX
PLAN VERSION:	XXXXX
SITE NUMBER:	315669
STORE NUMBER:	XXXXX

TACO BELL

SPEARS CREEK CHURCH RD.
ELGIN, SC 29045

TACO BELL

ENDEAVOR 2.0

RISER DIAGRAM AND LEGEND

NON-EUSERC

E2.0