

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.

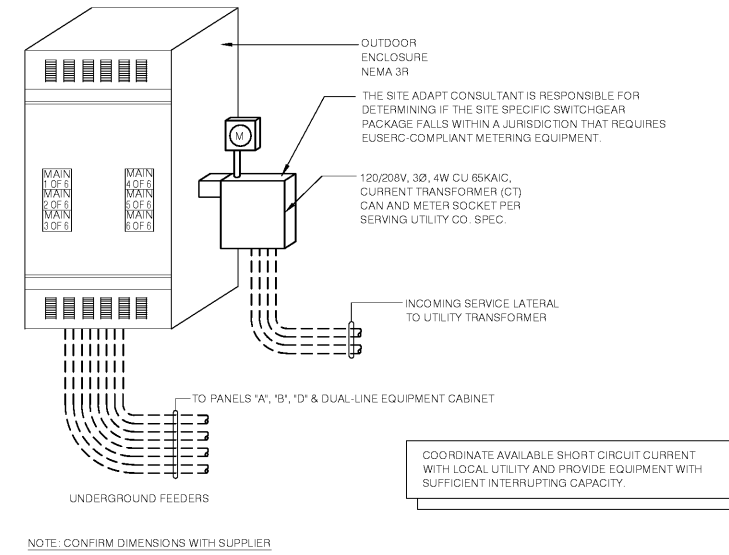
UNDER THIS AGREEMENT, THE CONTRACTOR IS RESPONSIBLE FOR PURCHASE AND INSTALLATION OF THE SYSTEMS DESCRIBED IN THE PLANS. ALL COMPANY AND FRANCHISE PROJECTS SHALL CONTACT AGCUBSERV FOR A PRICE QUOTE AND A BILL OF MATERIAL CONFIRMATION FOR THEIR SPECIFIC PROJECT. SEE THE SWITCHGEAR SECTION IN THE SCOPE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

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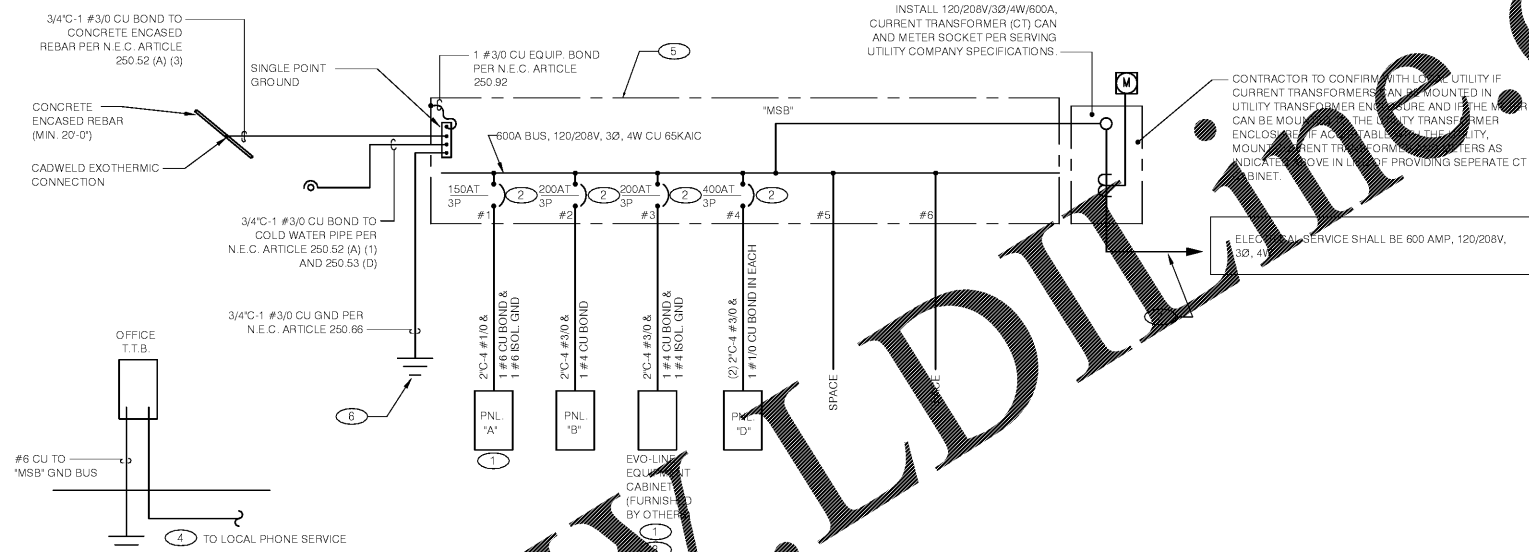
THE SWITCHGEAR PACKAGE CONSISTS OF SERVICE ENTRANCE, SWITCHGEAR, MAIN PANELS, SUB PANELS, LIGHTING CONTACTORS AND ALL ASSOCIATED PRODUCTS TO COMPLEMENT THE SWITCHGEAR PACKAGE.

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.



SERVICE ENTRANCE EQUIPMENT ELEVATION - NON-EUSERC PACKAGE



SINGLE LINE DIAGRAM

	2X4 FLUORESCENT FIXTURE	NL	NIGHT LIGHT		FUSED DISCONNECT SWITCH
	2X4 FLUORESCENT FIXTURE WITH BATTERY PACK		CEILING MOUNTED SPEAKER		NON-FUSED DISCONNECT SWITCH
	1X4 FLUORESCENT FIXTURE		WALL MOUNTED SPEAKER		PHOTOCELL
	1X4 FLUORESCENT FIXTURE WITH BATTERY PACK		JUNCTION BOX		RAIN SENSOR
	DOWNLIGHT FIXTURE		WALL MOUNTED JUNCTION BOX		FLUORESCENT WALL MOUNT FIXTURE
	SUSPENDED DOWNLIGHT FIXTURE		DATA OUTLET		EMERGENCY LIGHT
	PENDANT MOUNTED LIGHT FIXTURE		TELEPHONE OUTLET		SINGLE POLE, SINGLE THROW TOGGLE SWITCH
	TRACK MOUNTED PENDANT LIGHT FIXTURE		DEDICATED GROUND OUTLET		SINGLE POLE, SINGLE THROW TOGGLE SWITCH W/ PILOT LIGHT
	DIRECTIONAL TRACK MOUNTED FIXTURE, TRACK MOUNTED		DUPLEX GROUNDED OUTLET		RELAY
	DIRECTIONAL TRACK MOUNTED FIXTURE, TRACK MOUNTED UNDERSIDE OF INTERIOR CANOPY		DOUBLE DUPLEX GROUNDED OUTLET		CONDUIT RUN, UNDERGROUND
	CEILING FIXTURE		GROUND FAULT DUPLEX OUTLET		SMOKE DETECTOR
	EXIT SIGN (NON-ILLUMINATED)		GROUND FAULT DUPLEX W/ BOTT. HALF SWITCHED		EXTERIOR WALL FIXTURE
	EXIT SIGN (ILLUMINATED)		GROUND FAULT DEDICATED OUTLET		EXTERIOR DECORATIVE WALL FIXTURE
	EMERGENCY SIGN (CEILING MOUNTED)		CEILING DUPLEX OUTLET		EXTERIOR DECORATIVE WALL FIXTURE
	SECURITY STROBE		DUPLEX ISOLATED GROUND OUTLET		WEATHERPROOF GROUND FAULT
			DOUBLE DUPLEX ISOLATED GROUND OUTLET		
			DEDICATED ISOLATED GROUND		
			SPECIAL PURPOSE OUTLET		
			CEILING SPECIAL PURPOSE OUTLET		
			ELECTRICAL PANEL, SEE SHEET E2.1 FOR PANEL SCHED.		
			HOLD UP EMERGENCY BUTTON		
			ELECTRICAL MOTOR		
			DUCT MOUNTED SMOKE DETECTOR		
			CONNECTION TO EQUIPMENT		

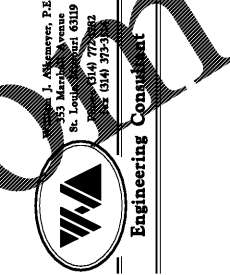
ELECTRICAL LEGEND

- THERE SHALL BE U.L. LISTED SERIES RATING BETWEEN CKT. BREAKERS LOCATED AT THE DISTRIBUTION PANEL AND THE DOWNSTEAM 10k A.I.C. RATED CIRCUIT BREAKERS AT PANELS "A", "B" AND DUAL-LINE EQUIPMENT CABINET BASED ON THE MAXIMUM FAULT CURRENT AS DETERMINED AT THE SERVICE ENTRANCE AND DOWNSTREAM 22KA I.C. RATED CIRCUIT BREAKERS AT PANEL "D"
- THE NFPA-70 "SIX SWITCH" MAXIMUM RULE SHALL APPLY AT THE POINT AT WHICH THE SERVICE ENTERS THE BUILDING AS DEFINED BY NFPA-70 (CURRENT EDITION IN FORCE AT THIS SITE). NOTIFY ENGINEER WHERE LOCAL CONDITIONS REQUIRE ALTERNATE LOCATIONS OR SINGLE POINT DISCONNECT.
- SEE SCOPE OF WORK FOR DETAILS REGARDING OWNER SUPPLIED AND/OR INSTALLED PRODUCTS. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OTHER ASPECTS OF THE PROJECT
- 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.
- COORDINATE CT RATING 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.
- ALL WIRING SHOWN AS COPPER TYPE "THHN/THWN" FEEDERS FROM UTILITY TRANSFORMER TO SWITCH BOARD AND FROM SWITCH BOARD TO INTERIOR PANELS MAY BE ALUMINUM IF ALLOWED BY A.H.J. ADJUST FEEDER SIZES APPROPRIATELY.
- ALL WIRING SHALL BE IN RIGID CONDUIT. ALL CONDUIT MUST BE CONCEALED U.N.O..

GENERAL NOTES

- WIRE ISOLATED GROUND TO ISOLATION GROUND BUS IN PANEL AND LAND ISOLATED GROUND TO SINGLE POINT GROUND. DO NOT COMBINE COMMON GND TO ISOLATED GROUND.
- 6 BUILDING MAIN DISCONNECT FOR THIS SERVICE: (MAXIMUM 6 MAINS PER N.E.C.) LABEL EACH MAIN BREAKER AS INDICATED: "MAIN 1 OF 6" (ENGRAVED LETTERS X 3/4" HIGH) "MAIN 2 OF 6" "MAIN 3 OF 6" "MAIN 4 OF 6" "MAIN 5 OF 6" "MAIN 6 OF 6"
- EQUIPMENT CABINET IS FURNISHED WITH EVO LINE.
- PROVIDE 2" CONDUIT STUBBED INTO BUILDING FROM LATERAL POLE FOR TELEPHONE.
- VERIFY AVAILABLE FAULT CURRENT AT SERVICE ENTRANCE WITH THE UTILITY CO. AND CONFIRM 65 KA/C RATED EQUIPMENT IS SUFFICIENT.
- (3) 5/8" DIA. x 10'-0" COPPER CLAD GROUND RODS. INSTALL 10'-0" APART AND CONNECT GROUND SYSTEM PER N.E.C. ARTICLE 250.
- INSTALL UNDERGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER SERVING UTILITY COMPANY SPECIFICATIONS. 4#550kcmil IN EACH OF (2) 3" C. TO PAD MOUNT TRANSFORMER. GC/ELECT. CONTRACTOR SHALL COORDINATE SERVICE POLES PER LOCAL UTILITY CODE. IF ALUMINUM CONDUCTORS ARE USED PROVIDE 4#500kcmil IN EACH (2) 3-1/2". VERIFY WIRE AND CONDUIT SIZE WITH LENGTH OF SERVICE FEEDERS AND ADJUST ACCORDINGLY TO COMPENSATE FOR VOLTAGE DROP IF NECESSARY. MAXIMUM ROUTING LENGTH OF COPPER CONDUCTORS SPECIFIED IS 200 FEET AND MAXIMUM ROUTING LENGTH OF ALUMINUM CONDUCTORS SPECIFIED IS 180 FEET. ADJUST ACCORDINGLY TO COMPENSATE FOR VOLTAGE DROP AS NECESSARY.

KEY NOTES



PERMIT/CONSTRUCTION SET
 DATE: FEB. 28, 2018

CONTRACT DATE: XXX-XXX
 BUILDING TYPE: EXPLORER LITE 40
 PLAN VERSION: DECEMBER 2017
 SITE NUMBER: XXX-XXX
 STORE NUMBER: XXXXX

TACO BELL
 101 MONTGOMERY CROSSING
 BISCOE, NC 27209



RISER DIAGRAM AND LEGEND
 NON-EUSERC
E2.0

PLOT DATE: