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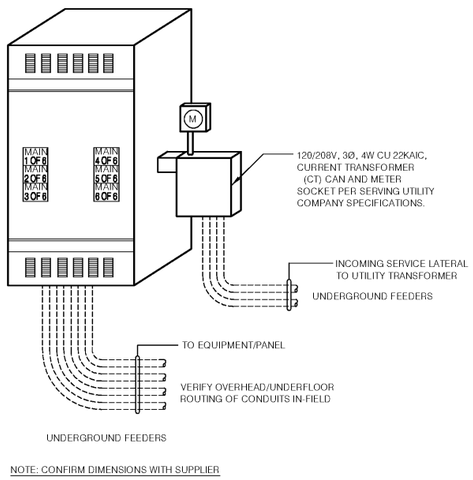
THE SWITCHGEAR PACKAGE CONSISTS OF SERVICE ENTRANCE, SWITCHGEAR, MAIN PANELS, SUB PANELS, LIGHTING CONTACTORS AND ALL ASSOCIATED PRODUCTS TO COMPLIMENT THE SWITCHGEAR PACKAGE.

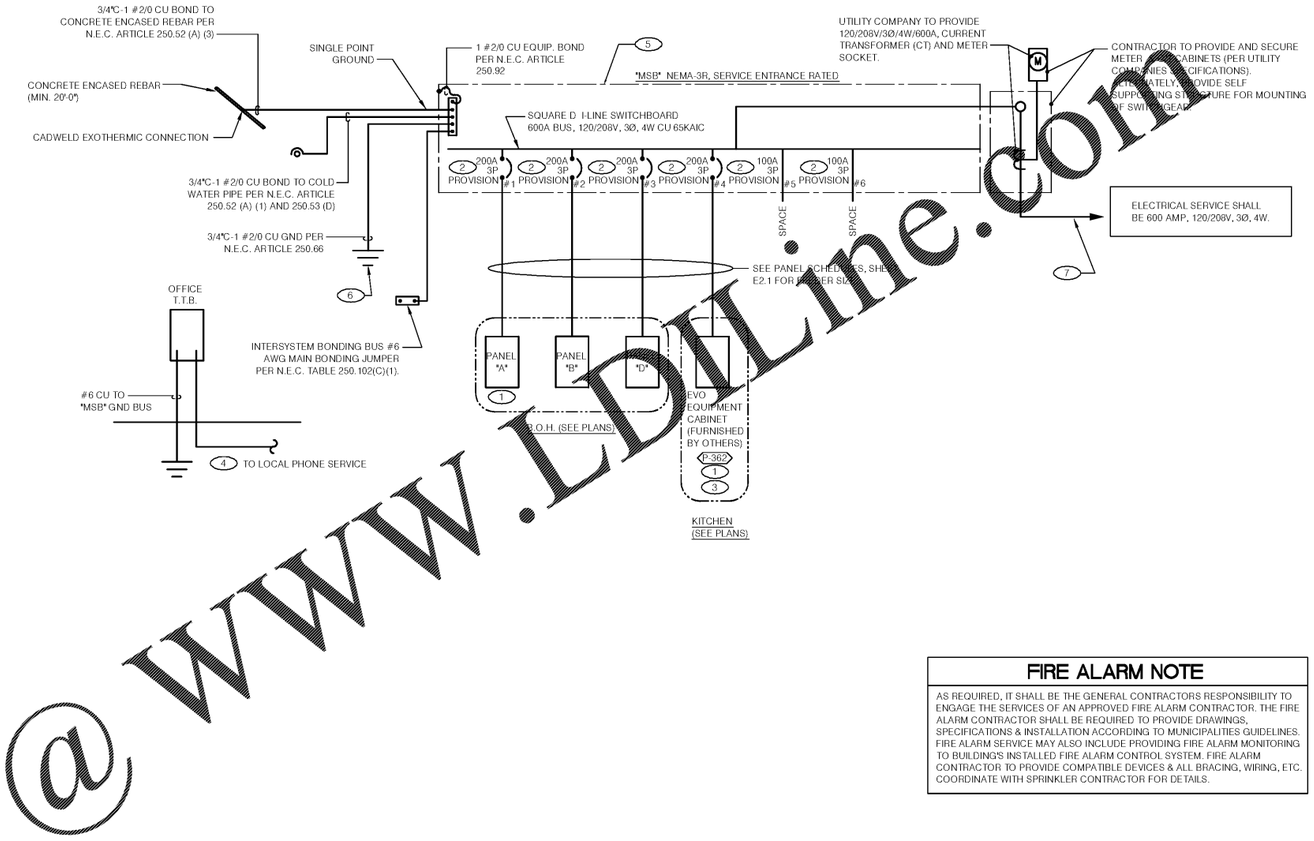
BE PREPARED AT TIME OF ORDER OR QUOTE REQUEST TO PROVIDE ALL PROJECT DETAILS REGARDING SPECIFICATIONS AND QUANTITIES AS SITE SPECIFIC DESIGN MAY NOT MATCH PROTOTYPICAL DESIGN.

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.



NOTE: CONFIRM DIMENSIONS WITH SUPPLIER

SERVICE ENTRANCE EQUIPMENT ELEVATION - NON-EUSERC PACKAGE | E



SINGLE LINE DIAGRAM | A

FIRE ALARM NOTE

AS REQUIRED, IT SHALL BE THE GENERAL CONTRACTORS RESPONSIBILITY TO ENGAGE THE SERVICES OF AN APPROVED FIRE ALARM CONTRACTOR. THE FIRE ALARM CONTRACTOR SHALL BE REQUIRED TO PROVIDE DRAWINGS, SPECIFICATIONS & INSTALLATION ACCORDING TO MUNICIPALITIES GUIDELINES. FIRE ALARM SERVICE MAY ALSO INCLUDE PROVIDING FIRE ALARM MONITORING TO BUILDING'S INSTALLED FIRE ALARM CONTROL SYSTEM. FIRE ALARM CONTRACTOR TO PROVIDE COMPATIBLE DEVICES & ALL BRACING, WIRING, ETC. COORDINATE WITH SPRINKLER CONTRACTOR FOR DETAILS.

ELECTRICAL LEGEND | D

2X4 LIGHT FIXTURE	NL	NIGHT LIGHT	CONNECTION TO EQUIPMENT
2X4 LIGHT FIXTURE WITH BATTERY PACK	S	CEILING MOUNTED SPEAKER	A-XX BRANCH CIRCUIT HOMERUN TO PANEL
1X4 LIGHT FIXTURE	S	WALL MOUNTED SPEAKER	DISCONNECT SWITCH SEE NOTE FOR TYPE)
1X4 LIGHT FIXTURE WITH BATTERY PACK		JUNCTION BOX	PC PHOTOCELL
DOWNLIGHT FIXTURE		WALL MOUNTED JUNCTION BOX	RS RAIN SENSOR
SUSPENDED DOWNLIGHT FIXTURE		TELEPHONE OUTLET	WALL MOUNT LIGHT FIXTURE
PENDANT MOUNTED LIGHT FIXTURE		ISOLATED GROUNDED OUTLET	EMERGENCY LIGHT
TRACK MOUNTED PENDANT LIGHT FIXTURE		DUPLEX GROUNDED OUTLET	$ SINGLE POLE, SINGLE THROW TOGGLE SWITCH
DIRECTIONAL FIXTURE FIXTURE, TRACK MOUNTED		DOUBLE DUPLEX GROUNDED OUTLET	$P SINGLE POLE, SINGLE THROW TOGGLE SWITCH W/ PILOT LIGHT
DIRECTIONAL FIXTURE, TRACK MOUNTED TO UNDERSIDE OF INTERIOR CANOPY		GROUND FAULT DUPLEX OUTLET	DIMMER SWITCH WITH SEPARATE MANUAL ON/OFF
COOLER FIXTURE		FLUSH MOUNTED CEILING DUPLEX GROUND FAULT OUTLET	R RELAY
EXIT SIGN (WALL MOUNTED)		GROUND FAULT DUPLEX W/ BOTTOM HALF SWITCHED	CONDUIT RUN, UNDERGROUND
EXIT SIGN (CEILING MOUNTED)		CEILING DUPLEX OUTLET	SMOKE DETECTOR
SECURITY STROBE		FLUSH MOUNTED CEILING DUPLEX ISOLATED GROUND OUTLET	EXTERIOR WALL FIXTURE
		DUPLEX ISOLATED GROUND OUTLET	EXTERIOR DECORATIVE WALL FIXTURE
		DOUBLE DUPLEX ISOLATED GROUND OUTLET	EXTERIOR DECORATIVE WALL FIXTURE
		SINGLE ISOLATED GROUND	WPG WEATHERPROOF GROUND FAULT
		SPECIAL PURPOSE OUTLET	
		CEILING SPECIAL PURPOSE OUTLET	
		ELECTRICAL PANEL. SEE SHEET E2.1 FOR PANEL SCHEDULE.	
		HOLD UP EMERGENCY BUTTON	
		ELECTRICAL MOTOR	
	SD	DUCT MOUNTED SMOKE DETECTOR	

GENERAL NOTES | C

1. ALL BRANCH DEVICES CONNECTED DOWNSTREAM OF MSB SHALL BE U.L. RECOGNIZED, LISTED AND APPROVED TO SERIES RATE WITH ALL COMPONENTS OF THIS ELECTRICAL SYSTEM. COORDINATE WITH CONSTRUCTION MANAGER FOR APPROVAL.
2. THE "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.
3. SEE SCOPE OF WORK FOR DETAILS REGARDING OWNER SUPPLIED AND/OR INSTALLED PRODUCTS. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL OTHER ASPECTS OF THE PROJECT
4. 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.
5. 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.
6. ALL WIRING SHOWN AS COPPER TYPE "THHN/THWN." FEEDERS FROM UTILITY TRANSFORMER TO MSB AND TO INTERIOR PANELS MAY BE ALUMINUM IF ALLOWED BY AHJ. ADJUST FEEDER SIZES APPROPRIATELY.
7. ARMOR CABLE ACCEPTABLE FOR ALL APPLICATIONS WHERE ALLOWED BY LOCAL CODES AS DELINEATED BY N.E.C. 330.10. ALL CONDUIT MUST BE CONCEALED U.N.O..
8. PROVIDE SERVICE EQUIPMENT LABELS PER N.E.C. 110.24(A), (B), 110.16.
9. ALL CONTRACTORS PRIOR TO BID SUBMISSION PROCESS SHALL VISIT PROPOSED WORK SITE AND FIELD VERIFY ALL EXISTING CONDITIONS. ANY CONDITION THAT DIFFERS FROM THAT SHOWN ON THESE PLANS SHALL BE REPORTED TO THE TENANT'S ARCHITECT/ENGINEER SO THAT NEW AND REVISED BID DRAWINGS OR INFORMATION MAY BE ISSUED. MODIFICATIONS TO THE SCOPE OF WORK WHICH RESULTS FROM THE CONTRACTORS NEGLECT TO VISIT THE SITE PRIOR TO SUBMITTING BID, SHALL BE THE CONTRACTORS SOLE RESPONSIBILITY.
10. MAIN SWITCHBOARD SHALL BE LEGIBLY MARKED IN THE FIELD WITH THE MAXIMUM AVAILABLE FAULT CURRENT, NEC 110.24(A)
11. ARC FLASH HAZARD WARNING LABEL ON MSB SHALL BE PROVIDED IN ACCORDANCE WITH NEC 110.16
12. EACH MAIN BREAKER SHALL BE PERMANENTLY MARKED TO IDENTIFY IT AS A SERVICE DISCONNECT, NEC 230.70(B)

KEY NOTES | B

1. **WIRE ISOLATED GROUND TO ISOLATION GROUND BUS IN PANEL AND LAND ISOLATED GROUND TO SINGLE POINT GROUND. "DO NOT COMBINE COMMON GROUND TO ISOLATED GROUND".**
2. **6 BUILDING MAIN DISCONNECT FOR THIS SERVICE:**
   MAXIMUM 6 MAINS PER N.E.C. ARTICLE: SERVICES 230.71 (SEE PANEL SCHEDULE, E2.1 FOR RATINGS)
   LABEL EACH MAIN BREAKER AS INDICATED: (ENGRAVED LETTERS x 3/4" HIGH)
   "PANEL A"
   "PANEL B"
   "PANEL D"
   "PANEL EVO-LINE"
   "SPACE"
   "SPACE"
3. **EQUIPMENT CABINET IS FURNISHED WITH EVO LINE.**
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. AND CONFIRM THIS RATED EQUIPMENT IS SUFFICIENT.**
6. **(3) 5/8" DIAMETER. x 10'-0" COPPER CLAD GROUND RODS. INSTALL 10'-0" APART AND CONNECT GROUND SYSTEM PER N.E.C. ARTICLE 250.**
7. **ESTABLISH NEW ACCOUNT ON BEHALF OF CLIENT. INSTALL UNDERGROUND SERVICE LATERAL TO UTILITY TRANSFORMER PER SERVING UTILITY COMPANY SPECIFICATIONS. 4#350KCMIL IN EACH OF (2) 3"C. TO PAD MOUNT TRANSFORMER. GENERAL/ELECTRICAL CONTRACTOR SHALL COORDINATE SERVICE EQUIPMENT PER LOCAL UTILITY CODE.**

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CONTRACT DATE:	11/17/20
BUILDING TYPE:	ENDEAVOR MED 40
PLAN VERSION:	SEPT 2020
BRAND DESIGNER:	200109
SITE NUMBER:	297222
STORE NUMBER:	003717
ARCVISION:	200188

TACO BELL
6151 HWY 278 NW
COVINGTON, GA 30014

ENDEAVOR
"GO MOBILE"

ONE-LINE DIAGRAM AND LEGEND

E2.0