



FURNISHED AS-BUILT DRAWINGS FOR THE POWER SYSTEM SHALL BE PROVIDED BY THE CONTRACTOR WITH IN 30 DAYS OF SYSTEM ACCEPTANCE.  
 CONTRACTOR SHALL PROVIDE OPERATIONS AND MAINTENANCE INSTRUCTIONS FOR SYSTEMS AND EQUIPMENT TO THE BUILDING OWNER OR DESIGNATED REPRESENTATIVE.

NOTE: IN LIEU OF GFCI OUTLETS, GFCI CIRCUIT BREAKERS CAN BE UTILIZED TO SAVE COSTS OR TO AVOID MOVING EQUIPMENT IN THE EVENT A RESET IS REQUIRED.



PERMIT/CONSTRUCTION SET  
 DATE: FEB. 28, 2018

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

**TACO BELL**  
 101 MONTGOMERY CROSSING  
 BISCOE, NC 27209



**POWER FLOOR PLAN**  
**E3.0**  
 PLOT DATE:

Order Plans @

- A. ALL DIMENSIONS TO J-BOXES ARE FROM FACE OF STUD TO CENTER OF BOX, U.O.N.
- B. ALL CONDUIT DROPS ARE INSIDE WALLS U.O.N. SEE ARCH. DWGS FOR WALL DIMS.
- C. ALL J-BOX CIRCUITS, CONDUITS, FIXTURES, ETC. SHALL BE AS INDICATED ON THE ELECT. DWGS AND SPECS.
- D. CONTRACTOR SHALL VERIFY UNDERGROUND CONDUIT LOCATIONS PRIOR TO POURING SLAB.
- E. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE DATA ON THE LOCATION OF ELECT. ROUGH-INS WITH INFO PROVIDED ON THE ARCH. AND STRUCT. DWGS AND THE EQUIPMENT ACTUALLY SUPPLIED, AND TO CONFIRM THE CORRECTNESS OF ANY DIMENSION HEREIN.
- F. LOCATIONS OF ALL OUTLETS MAY BE LOCATED TO NEAREST STUD. DO NOT CUT INTO STUDS.
- G. FOR EXACT LOCATIONS OF KITCHEN & MECHANICAL EQUIPMENT AND POINTS OF CONNECTION, REFER TO KITCHEN & MECHANICAL ELECTRICAL DRAWINGS AND MANUFACTURERS SHOP DRAWINGS.
- H. CONDUIT FEEDS AND DISCONNECTS SHALL BE SIZED PER NEC.
- I. CONTRACTOR SHALL VERIFY CIRCUIT, DISCONNECT SWITCH, STARTER AND FUSE SIZES, AND SELECT EQUIPMENT MANUFACTURERS SHOP DRAWINGS PRIOR TO PLACING ORDER AND PROVIDE EVERYTHING AS REQUIRED.
- J. ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE NEMA-1 FOR INTERIOR AND NEMA-3R FOR EXTERIOR. IN COASTAL REGIONS, THE STANDARD FOR EXTERIOR SHALL BE NEMA-3.
- K. PER SECTION 210.8(3) NEC, ALL 15 AND 20A, 120V RECEPTACLES IN COMMERCIAL KITCHENS ARE REQUIRED TO BE GFCI PROTECTED. THIS INCLUDES ISOLATED GROUND RECEPTACLES.
- L. DO NOT MEASURE/LOCATE OUTLETS ON DRAWINGS. USE DIMENSIONS PROVIDED.
- M. CONDUIT MAY RUN UNDER SLAB AT G.C.'S DISCRETION.
- N. G.C. SHALL PROVIDE A PREPRINTED SELF-ADHESIVE LABEL ON ALL POS RECEPTACLES STATING "POS USE ONLY".
- O. PROVIDE ESCUTCHEON PLATES AND SEALANT AT ALL UTILITY PENETRATIONS INTO WALLS, CEILING, AND FLOORS. DO NOT USE CAULK OR EXPANSION FOAM FOR SEALANT.
- P. ALL WIRING SHALL BE IN RIGID CONDUIT. ALL WIRE SHALL BE CONCEALED O.N.U.

- 1 REFER TO ROOF PLAN.
- 2 INSTALL IN CONDUIT RUNNING ON SURFACE OF KITCHEN SIDE OF CABINERY REAR WALL.
- 3 CONNECT PRODUCTION LINE CIRCUIT BREAKER PANEL VIA UTILITY CHASE IN CEILING TO A 3 POLE, 200 AMP CIRCUIT BREAKER IN MAIN SWITCHBOARD. SEE SHEET E2.0 FOR ONE-LINE DIAGRAM. VERIFY ALL REQUIREMENTS WITH ACTUAL EQUIPMENT SUPPLIED. THE MANUFACTURER WILL FULLY PRE-WIRE THE COMPLETE MAPS LINE AT THE FACTORY. THE UNITS WILL THEN BE PULLED APART FOR SHIPPING PURPOSES. ALL CONNECTION POINTS WILL BE MARKED. THE CONDUIT RUNS WILL BE COILED UP FOR FIELD INSTALLATION. SOME ELECTRICAL COMPONENTS MAY BE REMOVED FOR EASE OF DISASSEMBLING THE LINE-UP. THE ELECTRICAL CONTRACTOR WILL BE FULLY RESPONSIBLE FOR MAKING THE PROPER FIELD CONNECTIONS FROM THE ROUGH-IN LOCATION TO THE MANUFACTURER PROVIDED BREAKER PANEL BOX. IN ADDITION, THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ANY SPLICE POINTS AND/OR JUNCTION BOXES THAT NEED TO BE RECONNECTED. SOME ELECTRICAL COMPONENT ASSEMBLY MAY ALSO BE REQUIRED.
- 4 EQUIPMENT CABINET.
- 5 PROVIDE ROUGH-IN AND FINAL CONNECTION TO TANKLESS WATER HEATERS. VERIFY ALL REQUIREMENTS WITH MANUFACTURER PRIOR TO COMMENCING WORK. COORDINATE WORK WITH MECHANICAL CONTRACTOR IN FIELD.
- 6 INSTALL CONTROL CABLE FROM FREEZER/COOLER FAN COIL TO ROOF MOUNTED CONDENSOR.
- 7 LOCATE SWITCH-GEAR PER GUIDELINES ON SHEET A4.1.

- 8 PROVIDE AND INSTALL EXTERIOR WEATHER PROOF GFI RECEPTACLES. VERIFY FINAL LOCATION WITH OWNER PRIOR TO COMMENCING WORK.
- 9 PROVIDE DUPLEX RECEPTACLE WITH TWO (2) USB CHARGING PORTS. ROUTE POWER UNDER SLAB TO NEAREST FULL EIGHT WALL WHICH ENGAGES CEILING. COORDINATE ROUTING OF POWER AND STUB UP LOCATION WITH FURNITURE SUPPLIER AND CONDITIONS IN FIELD.
- 10 PROVIDE ROUGH-IN AND FINAL CONNECTION TO HAND DRYER. VERIFY REQUIREMENTS WITH MANUFACTURER PRIOR TO COMMENCING WORK.
- 11 PROVIDE ROUGH-IN AND FINAL CONNECTION FOR LED POWER SUPPLIES INTEGRATED INTO SLAT WALL AS REQUIRED. QUANTITY AND LOCATIONS SHOWN FOR REFERENCE ONLY. SEE ARCHITECTURAL WALL SECTION SHEETS FOR MORE INFORMATION. VERIFY EXACT LOCATION, QUANTITY OF POWER SUPPLIES, ADDITIONAL EQUIPMENT REQUIREMENTS, ETC., WITH EQUIPMENT PROVIDER AND CONDITIONS IN FIELD PRIOR TO COMMENCING WORK.
- 12 PROVIDE ROUGH-IN AND FINAL CONNECTION TO AIR CURTAIN OVER REAR DOOR AND FUTURE AIR CURTAIN DRIVE THRU WINDOW. PROVIDE AND INSTALL ALL NECESSARY EQUIPMENT TO DELIVER FULLY FUNCTIONING AIR CURTAIN SYSTEM INCLUDING BUT NOT LIMITED TO ACTIVATION SWITCH SO AIR CURTAIN WILL ACTIVE WHEN REAR DOOR OR DRIVE THRU WINDOW IS OPEN. VERIFY REQUIREMENTS WITH OWNER AND MANUFACTURER PRIOR TO COMMENCING WORK.
- 13 PROVIDE DUPLEX RECEPTACLE WITH TWO (2) USB CHARGING PORTS.

- 14 PROVIDE POWER TO COMMUNITY TABLE. CONTRACTOR TO PROVIDE MINIMUM 50' LONG EXPOSED WHIP. COORDINATE ROUGH-IN REQUIREMENTS WITH FCI SUPPLIED FURNITURE PRIOR TO COMMENCING WORK. ROUTE POWER UNDER SLAB TO NEAREST FULL EIGHT WALL WHICH ENGAGES CEILING. COORDINATE ROUTING OF POWER AND STUB UP LOCATION WITH FURNITURE SUPPLIER AND CONDITIONS IN FIELD.
- 15 PROVIDE AND INSTALL A TOTAL OF (4) IGS262 DUPLEX OUTLETS IN (2) QUAD BOXES. OUTLETS TO BE ORANGE & STRAIGHT BLADE. OUTLETS TO BE ON A 24" ISOLATED/DEDICATED CIRCUIT THAT IS NOT CONNECTED TO ANY RESTAURANT POWER MANAGEMENT SYSTEM. PROVIDE AND INSTALL (1) OPEN DATA JUNCTION BOX (JB) IN VALANCE. CONDUIT TERMINATED ABOVE CEILING TO HAVE BUSHING. RUN (3) CAT6 LINES FROM NETWORK SWITCH TO DATA JUNCTION BOX. CAT6 LINES SHOULD HAVE BOTH ENDS PROPERLY TERMINATED WITH RJ-45 CONNECTORS. EXCESS CAT6 CABLE TO BE COILED INTO SERVICE LOOPS AT EACH END AND LEFT ACCESSIBLE FOR DMB INSTALL TEAM. CAT6 TO BE RUN IN ACCORDANCE WITH ALL LOCAL MUNICIPALITY CODE REQUIREMENTS. SEE DETAIL 6/E7.0 FOR MORE INFORMATION.
- 16 PROVIDE RECEPTACLE AT 24" BELOW FINISHED CEILING FOR CCTV. ALSO PROVIDE ONE 3/4" CONDUIT FOR DATA.
- 17 3-GANG FLUSH BOX WITH DEAD-FRONT GFCI DEVICES. REFER TO DETAIL 1/E7.0.
- 18 PROVIDE RECEPTACLE FOR FLY LIGHT. VERIFY EXACT LOCATION WITH OWNER PRIOR TO COMMENCING WORK.