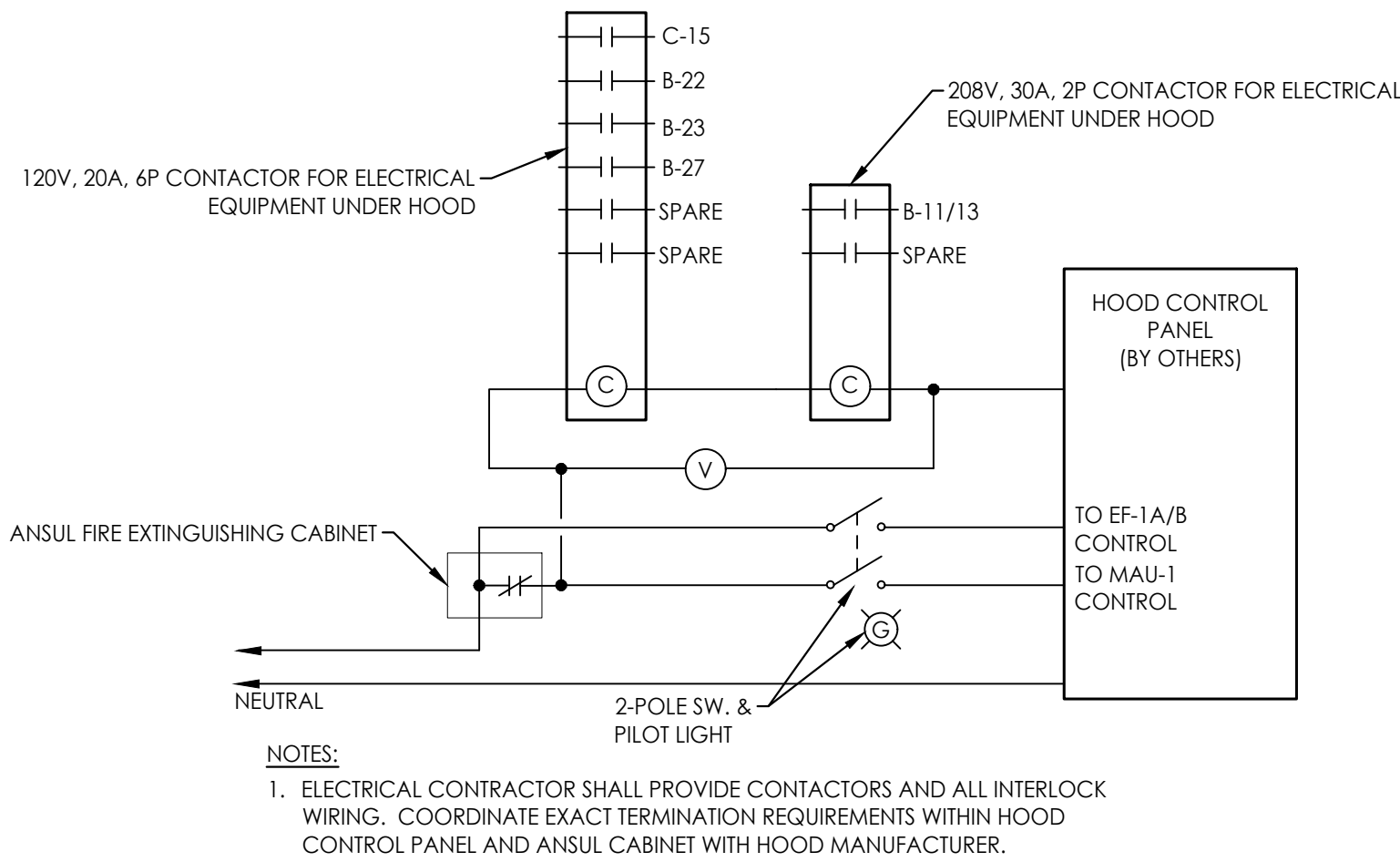
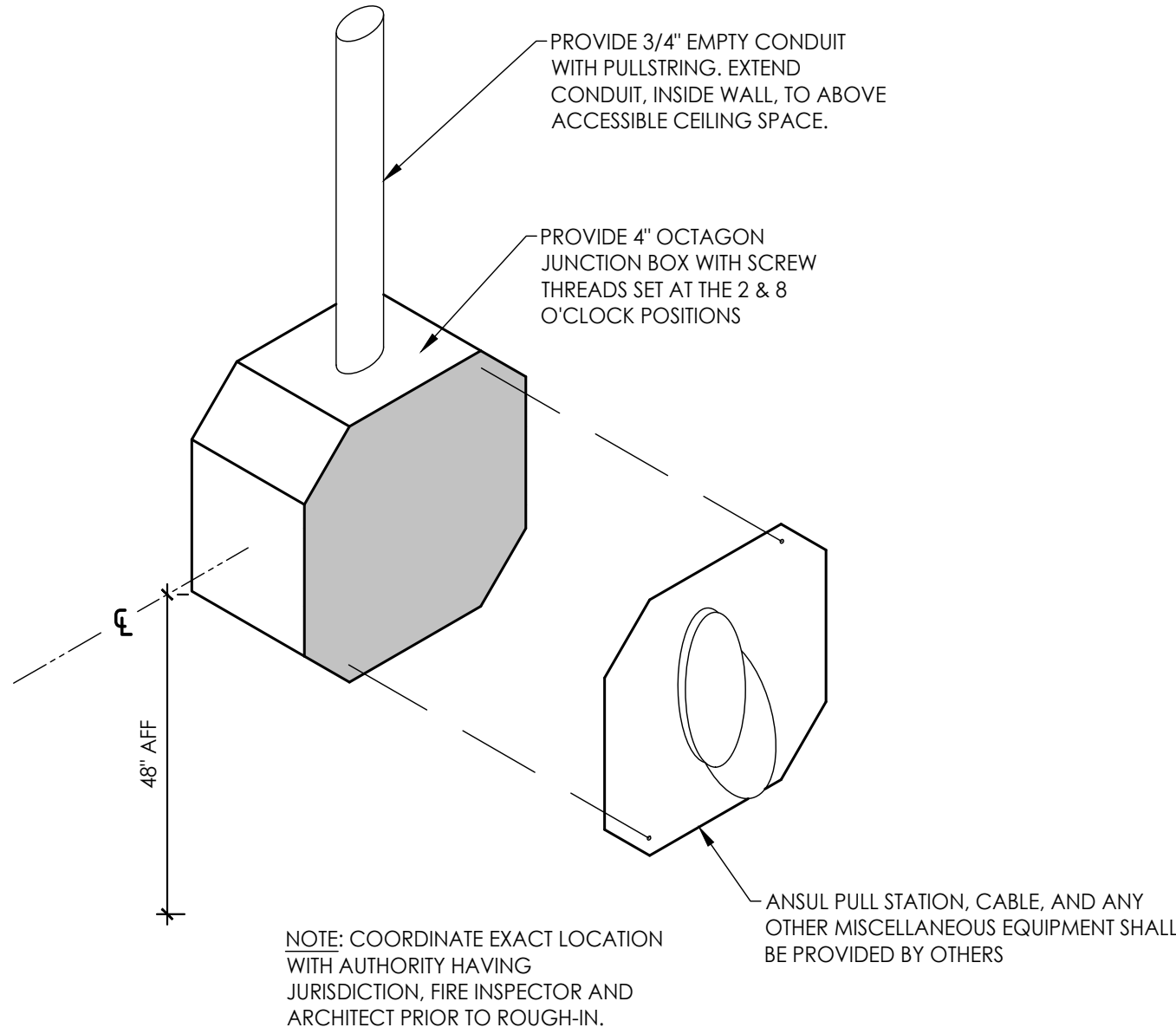


4 SHUNT TRIP WIRING DIAGRAM
N.T.S.



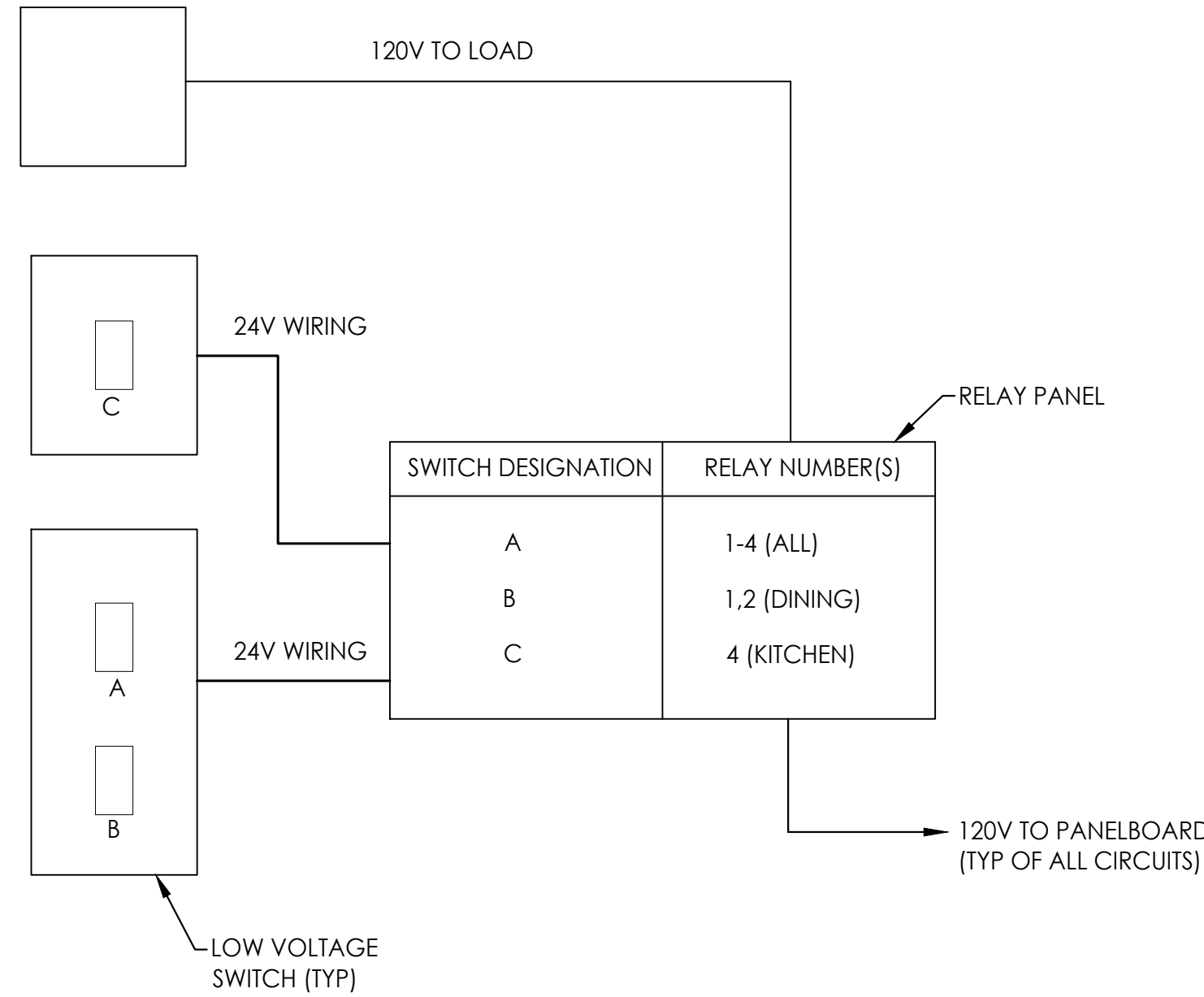
3 ANSUL PULL STATION
N.T.S.



2 LIGHTING CONTROL WIRING DIAGRAM
N.T.S.

LIGHTING CONTROL PANEL SCHEDULE				
RELAY	CIRCUIT NUMBER	AREA CONTROLLED	CONTROL	VOLTS
1	C-21	DINING LIGHTING	LVS/TC	120
2	C-23	DINING LIGHTING	LVS/TC	120
3	C-25	SERVICE LIGHTING	LVS/TC	120
4	C-27	KITCHEN LIGHTING	LVS/TC	120
5	C-20	EXTERIOR LIGHTING	TC/PC	120
6	C-35	EXTERIOR LIGHTING	TC/PC	120
7	C-31	SIGNAGE	TC	120
8	C-37	SIGNAGE	TC	120
9	C-41	SIGNAGE	TC	120
10	C-16	SHOW WINDOW	TC	120
11	A-21	SITE LIGHTING	TC/PC	120
12	A-23	SITE LIGHTING	TC/PC	120
13	A-23	SITE LIGHTING	TC/PC	120
14	A-25	PYLON SIGN	TC/PC	120
15		SPARE		120
16		SPARE		120
17		SPARE		120

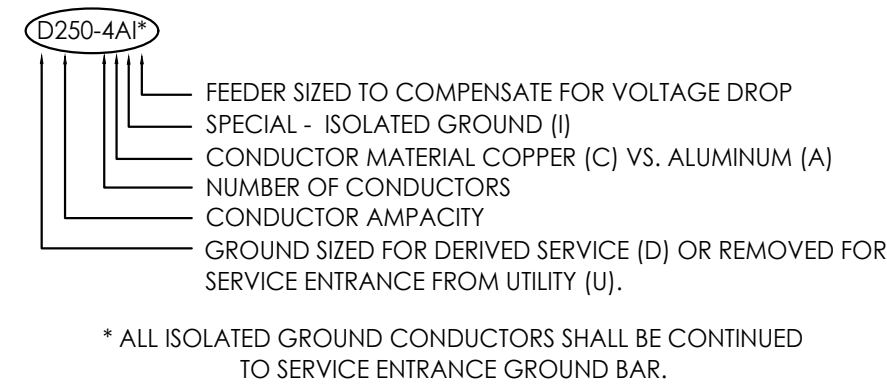
TC = TIME CLOCK
PC = PHOTOCELL
LVS = LOW VOLTAGE SWITCH



GENERAL ONE LINE NOTES:

- PARALLEL FEEDER CONDUCTORS SHALL BE CUT TO EXACTLY THE SAME LENGTHS AND SHALL BE FROM THE SAME FACTORY RUN. ALL CONNECTIONS FOR SAME SHALL BE TORQUED TO IDENTICAL VALUES.
- EXTERIOR ELECTRICAL WORK SHALL NOT ONLY BE WEATHERPROOF AND WATER-TIGHT, BUT SHALL ALSO BE RUST-RESISTANT.
- CONDUCTORS BELOW GRADE OR SUBJECT TO MOISTURE SHALL BE "XHHW-2".
- PROVIDE FACTORY SERIES COORDINATION FOR ALL CIRCUIT BREAKERS (INCLUDING ALL BRANCH BREAKERS), RELATIVE TO "UPSTREAM" BREAKERS, SO THAT ONLY THE BREAKER CLOSEST IN THE CIRCUIT TO THE LOAD TRIPS UPON AN OVERLOAD OR FAULT CONDITION.
- GROUNDING ELECTRODE CONDUCTORS SHALL BE PROVIDED IN STRICT COMPLIANCE WITH N.E.C., INCLUDING N.E.C., ARTICLE 250 AND TABLE 250-66.
- EQUIPMENT GROUNDING CONDUCTORS SHALL BE PROVIDED IN STRICT COMPLIANCE WITH N.E.C., INCLUDING N.E.C., ARTICLE 250 AND TABLE 250-122. THESE CONDUCTORS MAY NOT BE INDICATED ON RISERS OR SINGLE-LINES, BUT SHALL BE PROVIDED UNDER BASE BID NEVERTHELESS.
- WORKING CLEARANCES SHALL BE PROVIDED FOR ALL ELECTRICAL EQUIPMENT (SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, STARTERS, DISCONNECTS, ETC. AS APPLICABLE) IN STRICT COMPLIANCE WITH N.E.C., CHAPTER 1, PART B, SECTION 110-26(g). LOCATIONS SHOWN ON FLOOR PLANS ARE SCHEMATIC AND DIAGRAMMATIC IN NATURE. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE WITH THE ABOVE N.E.C. REFERENCE. THIS REQUIREMENT APPLIES TO EQUIPMENT ON FLOOR PLANS AS WELL AS TO EQUIPMENT SHOWN ON RISER.
- HOLD ALL NEW OVERHEAD ELECTRICAL WORK AS TIGHT AS POSSIBLE TO THE BOTTOM OF THE OVERHEAD STRUCTURE. LOCATE ANY RELATED PULLBOXES SO THAT THEY WILL BE FULLY ACCESSIBLE AFTER ALL CONSTRUCTION WORK IS COMPLETE. AS WITH ALL WORK, COORDINATE IN ADVANCE WITH ALL OTHER TRADES.
- ALL PANELS HAVE NEMA 1 ENCLOSURES UNLESS OTHERWISE NOTED.
- ALL PANELS ARE FLUSH MOUNTED UNLESS OTHERWISE NOTED.
- NEW ELECTRICAL PANELBOARD FRAME AND BREAKER A.I.C. RATINGS TO MATCH EXISTING PANELBOARD AND BREAKER A.I.C. RATINGS.
- ELECTRICAL CONTRACTOR TO VERIFY PANEL LOADING WITH NEW CIRCUITS AND INSTALL NEW CIRCUIT DESCRIPTION CARDS.
- IF FAULT CURRENT AND SCA VALUES NOT INDICATED, ELECTRICAL CONTRACTOR SHALL COORDINATE WITH LOCAL UTILITY COMPANY AND SIZE BREAKERS ACCORDINGLY.

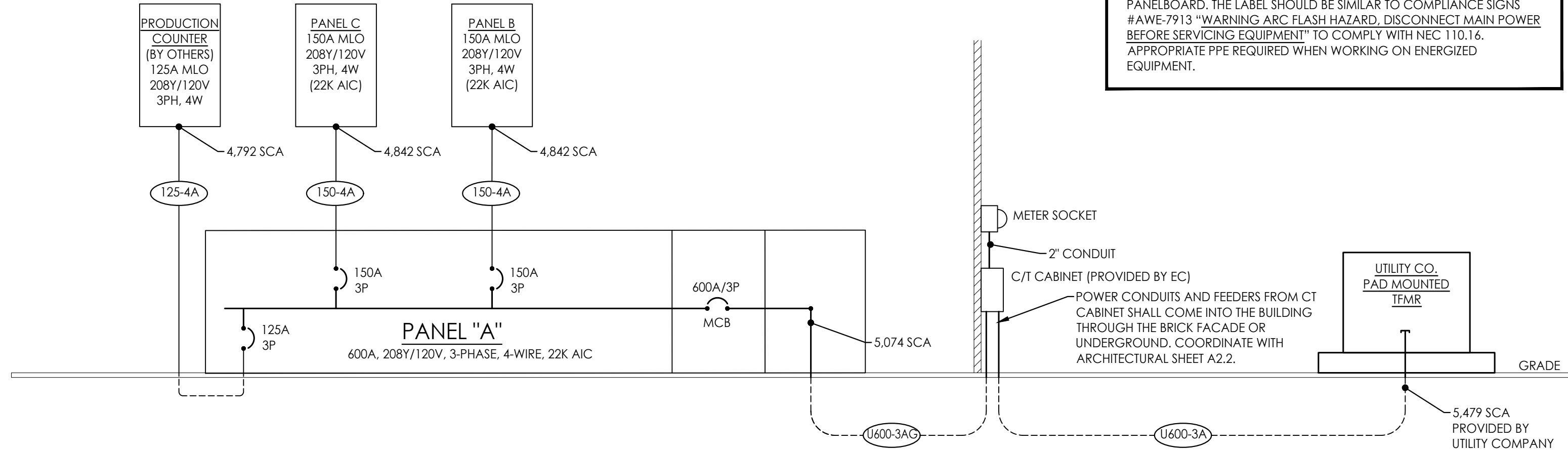
CONDUCTOR NOMENCLATURE:



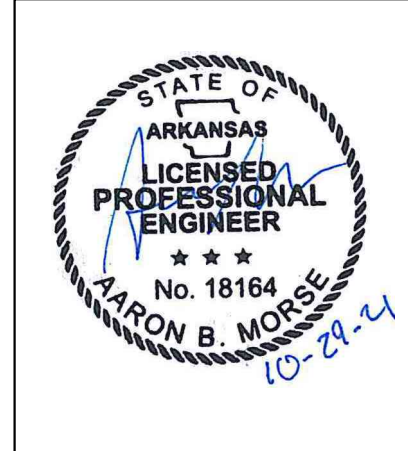
ONE LINE RISER WIRE SIZES

- | | |
|----------|--|
| 125-4A | (4) #2/0 AWG AL, #4 AWG AL GROUND IN 2" CONDUIT |
| 150-4A | (4) #3/0 AWG AL, #4 AWG AL GROUND IN 2" CONDUIT |
| U600-3A | (2) SETS OF (4) #350 KCMIL CU IN 3" CONDUIT EACH |
| U600-3AG | (2) SETS OF (4) #350 KCMIL CU, (2) #2/0 CU GROUND IN 3" CONDUIT EACH |

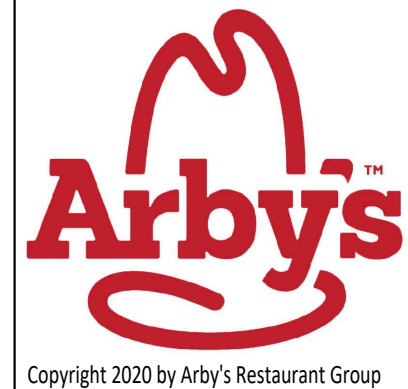
NOTE:
THE ELECTRICAL CONTRACTOR IS TO APPLY AN "ARC FLASH WARNING LABEL" TO BOTH THE DISCONNECT ENCLOSURE AND THE INTERIOR PANELBOARD. THE LABEL SHOULD BE SIMILAR TO COMPLIANCE SIGNS #AWE-7913 "WARNING ARC FLASH HAZARD, DISCONNECT MAIN POWER BEFORE SERVICING EQUIPMENT" TO COMPLY WITH NEC 110.16. APPROPRIATE PPE REQUIRED WHEN WORKING ON ENERGIZED EQUIPMENT.



1 ONE LINE RISER DIAGRAM
N.T.S.



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ARBY'S RESTAURANT GROUP
INSPIRE DUAL REGULAR 40 - STANDARD
1632 AR-25 BYPASS
HEBER SPRINGS, AR 72543
FOR
RB AMERICAN GROUP, LLC
6200 OAK TREE BLVD., SUITE 250, INDEPENDENCE, OHIO 44131

PROJECT NUMBER:

ISSUE	DATE
PRELIMINARY	
PERMIT	
BID	
REVISION	

DIAGRAMS AND DETAILS
ELECTRICAL

SHEET:

E4.1