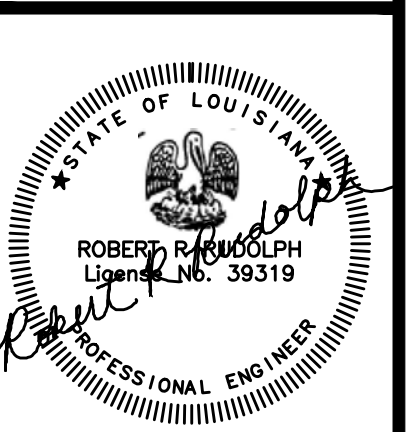


These plans have been properly examined by the undersigned. I have determined that they comply with existing local Louisiana codes, and have been properly site adapted to use in this area.



ISSUE: PERMIT SET

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 REVISIONS:

DATE: 03/31/2016  
 PROJECT NUMBER: PES 15090  
 SHEET TITLE: ONE LINE DIAGRAM

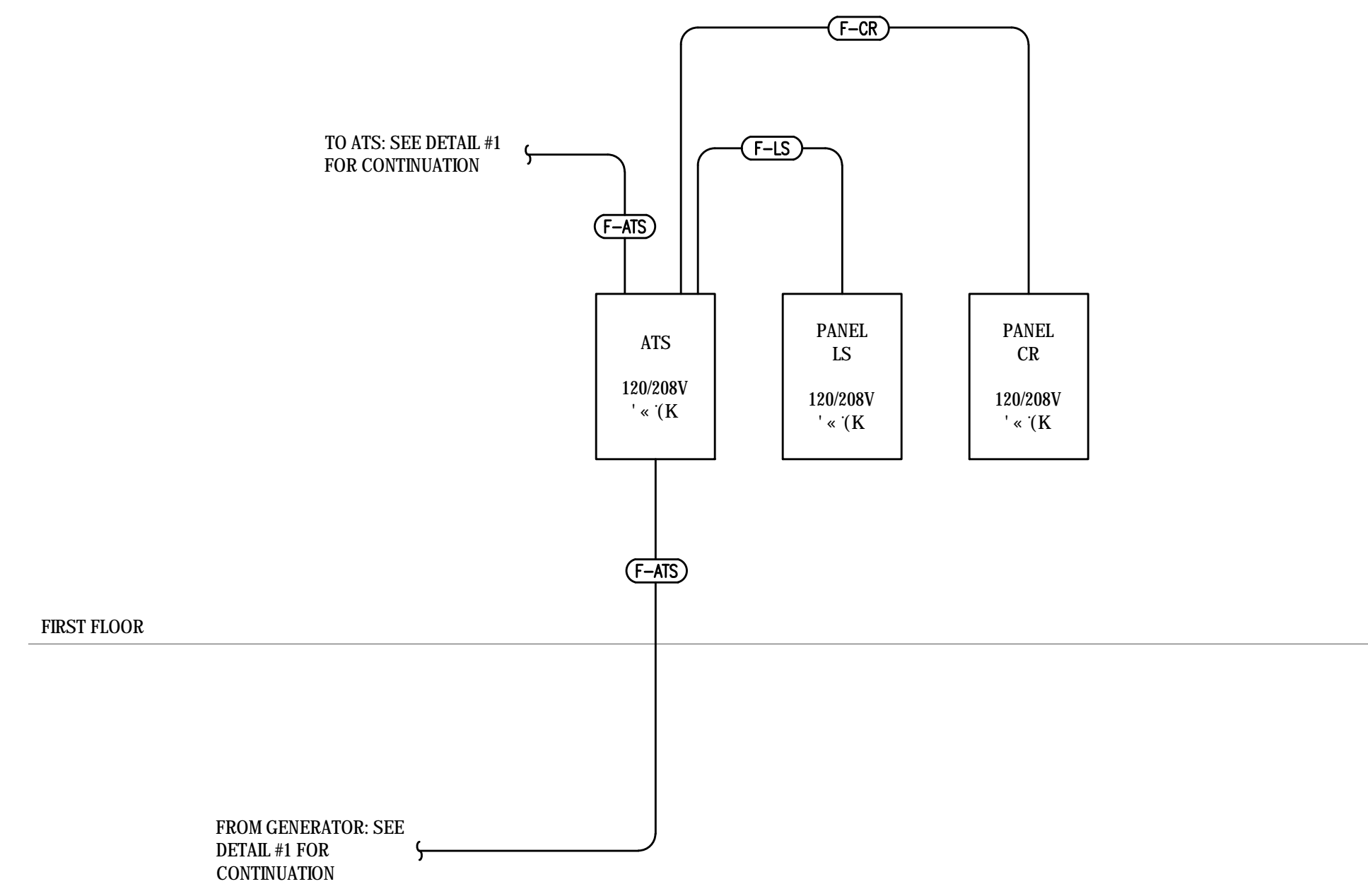
SHEET: E7.1

**PANEL SCHEDULE GENERAL NOTES:**

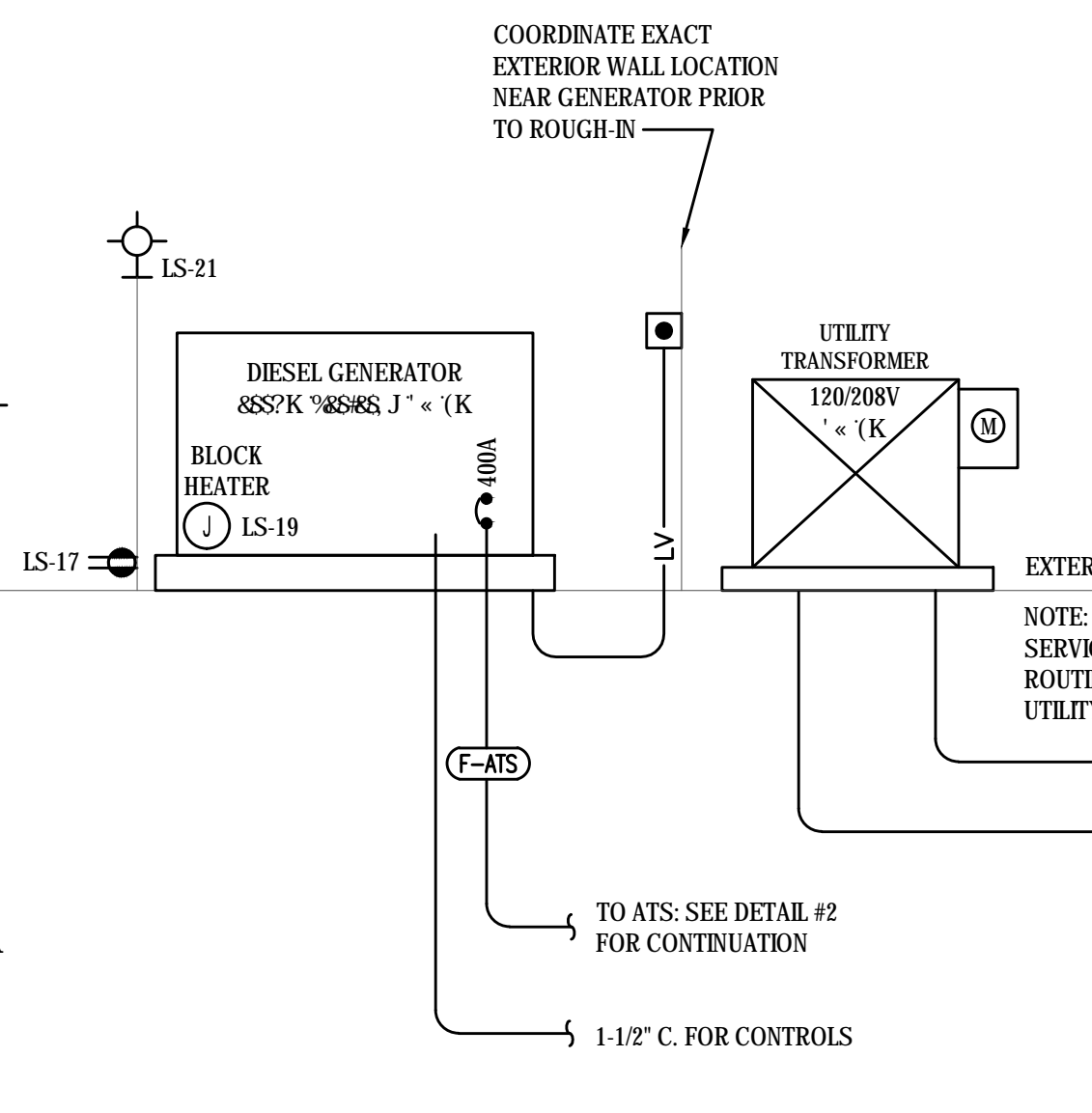
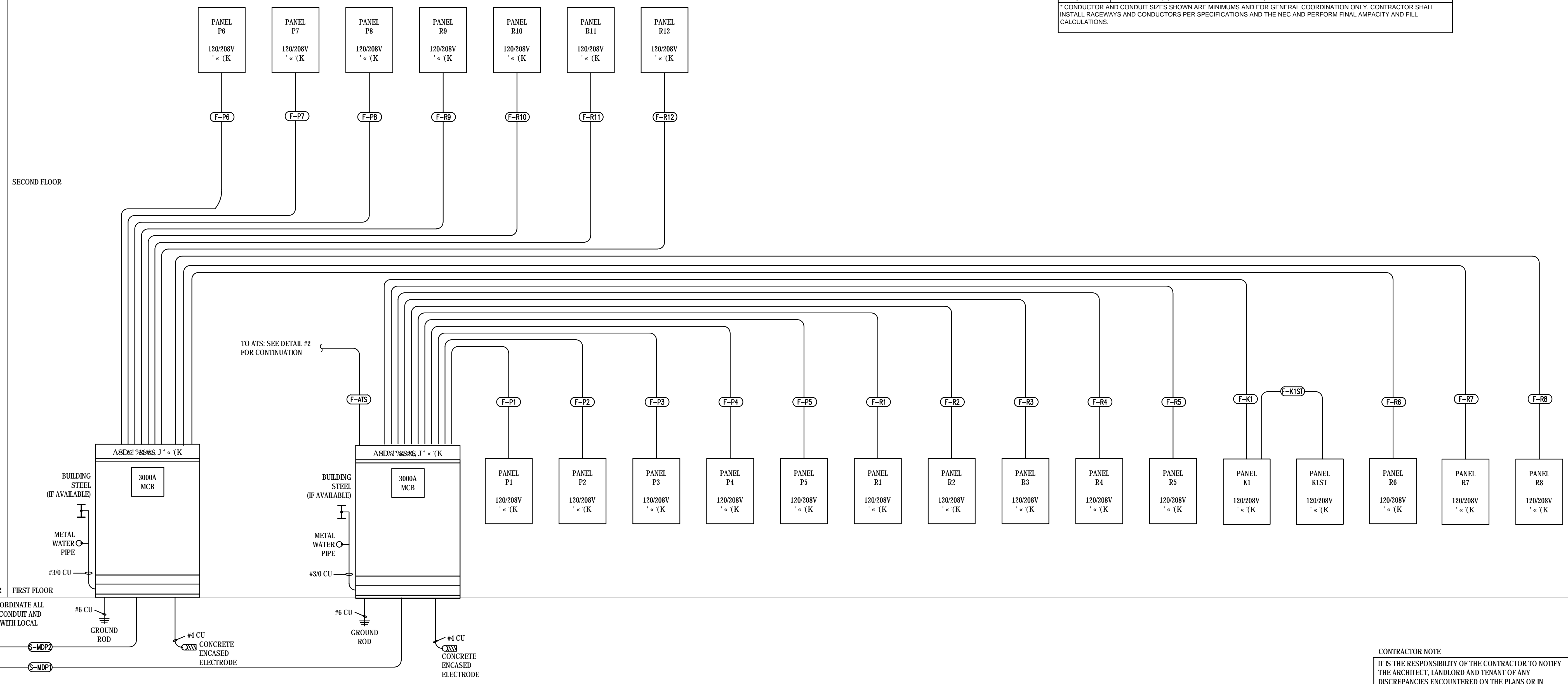
- A. ALL WORK SHALL MEET OR EXCEED ALL NEC STANDARDS.
- B. EC SHALL VERIFY ALL WIRE SIZING DUE TO IN FIELD ROUTING AND VOLTAGE DROP.
- C. ALL BRANCH CIRCUIT WIRING SHALL BE COPPER UNLESS NOTED OTHERWISE.
- D. PROVIDE APPROPRIATELY RATED EQUIPMENT, BREAKERS, FUSES, ETC. BASED ON SHORT CIRCUIT CALCULATIONS AND FAULT CURRENT INFORMATION FROM LOCAL UTILITY.
- E. PROVIDE TYPE WRITTEN CIRCUIT DIRECTORY FOR EACH PANELBOARD.
- F. PROVIDE PLACARD ON EACH PIECE OF DISTRIBUTION EQUIPMENT INDICATING EQUIPMENT DESIGNATION, VOLTAGE AND PHASE IDENTIFICATION. PLACARD SHALL BE ENGRAVED PHENOLIC WITH 1/4" TALL LETTERS.
- G. PROVIDE INTERSYSTEM BONDING ON ALL SERVICES.

DESIGNATION	DESCRIPTION
S-MDP1	NINE SETS OF (4) 500 MCM AL, EACH SET IN 4" CONDUIT
S-MDP2	NINE SETS OF (4) 500 MCM AL, EACH SET IN 4" CONDUIT
F-K1	TWO SETS OF (4) 250 MCM AL AND #1 AL GND, EACH SET IN 2-1/2" CONDUIT
F-K1ST	(4) #4 CU AND #10 CU GND IN 1-1/4" CONDUIT
F-P1	TWO SETS OF (4) 250 MCM AL AND #1 AL GND, EACH SET IN 2-1/2" CONDUIT
F-P2	TWO SETS OF (4) 250 MCM AL AND #1 AL GND, EACH SET IN 2-1/2" CONDUIT
F-P3	(4) #1 CU AND #6 CU GND IN 2" CONDUIT
F-P4	TWO SETS OF (4) 250 MCM AL AND #1 AL GND, EACH SET IN 2-1/2" CONDUIT
F-P5	(4) 300 MCM AL AND #2 AL GND IN 3" CONDUIT
F-P6	(4) 300 MCM AL AND #2 AL GND IN 3" CONDUIT
F-P7	(4) 300 MCM AL AND #2 AL GND IN 3" CONDUIT
F-P8	(4) 300 MCM AL AND #2 AL GND IN 3" CONDUIT
F-R1	(4) #20 AL AND #4 AL GND IN 2" CONDUIT
F-R2	(4) #20 AL AND #4 AL GND IN 2" CONDUIT
F-R3	(4) #20 AL AND #4 AL GND IN 2" CONDUIT
F-R4	(4) #20 AL AND #4 AL GND IN 2" CONDUIT
F-R5	(4) 500 MCM AL AND #2 AL GND IN 4" CONDUIT
F-R6	(4) 350 MCM AL AND #2 AL GND IN 3" CONDUIT
F-R7	(4) 500 MCM AL AND #2 AL GND IN 4" CONDUIT
F-R8	(4) 500 MCM AL AND #2 AL GND IN 4" CONDUIT
F-R9	(4) 500 MCM AL AND #2 AL GND IN 4" CONDUIT
F-R10	(4) 350 MCM AL AND #2 AL GND IN 3" CONDUIT
F-R11	(4) 500 MCM AL AND #2 AL GND IN 4" CONDUIT
F-R12	(4) 500 MCM AL AND #2 AL GND IN 4" CONDUIT
F-LS	(4) #4 CU AND #10 CU GND IN 1-1/4" CONDUIT
F-CR	TWO SETS OF (4) 250 MCM AL AND #1 AL GND, EACH SET IN 2-1/2" CONDUIT
F-ATS	TWO SETS OF (4) 250 MCM AL AND #1 AL GND, EACH SET IN 2-1/2" CONDUIT

\* CONDUCTOR AND CONDUIT SIZES SHOWN ARE MINIMUMS AND FOR GENERAL COORDINATION ONLY. CONTRACTOR SHALL INSTALL RACEWAYS AND CONDUCTORS PER SPECIFICATIONS AND THE NEC AND PERFORM FINAL AMPACITY AND VOLTAGE DROP CALCULATIONS.



**2 | ELECTRICAL SERVICE RISER DIAGRAM - (CONTINUATION)**  
**E7.1** NTS



**1 | ONE LINE DIAGRAM**  
**E7.1** NTS

**CONTRACTOR NOTE:**  
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT, LANDLORD AND TENANT OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING SITE CONDITIONS PRIOR TO SUBMISSION OF BID. BIDDERS ARE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES AS TO THE NATURE AND SCOPE OF THE WORK. THE BASE BID SHALL REFLECT MODIFICATIONS TO SYSTEMS AND DEVICES AS REQUIRED BY STATE, LOCAL AND FEDERAL CODES WHETHER INDICATED OR NOT ON CONTRACT DOCUMENTS. THE SUBMITTERS OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION AND COMPLIANCE WITH GOVERNING CODES/REQUIREMENTS HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED, OR FOR DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD AN EXAMINATION AND CODE/REQUIREMENTS REVIEW BEEN MADE, WILL NOT BE ALLOWED.

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