



Safety First



# Electric Service and Meter Manual

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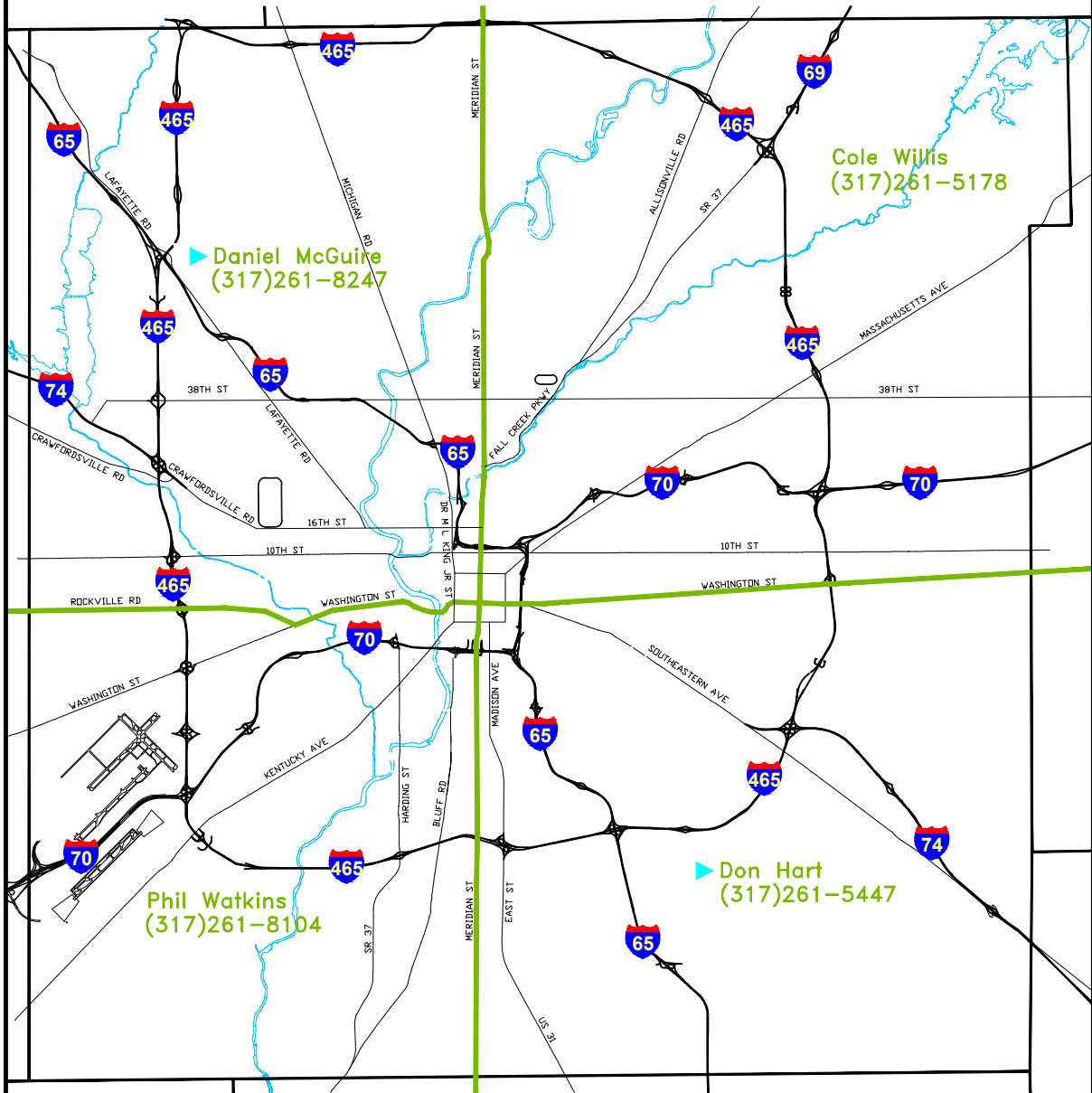
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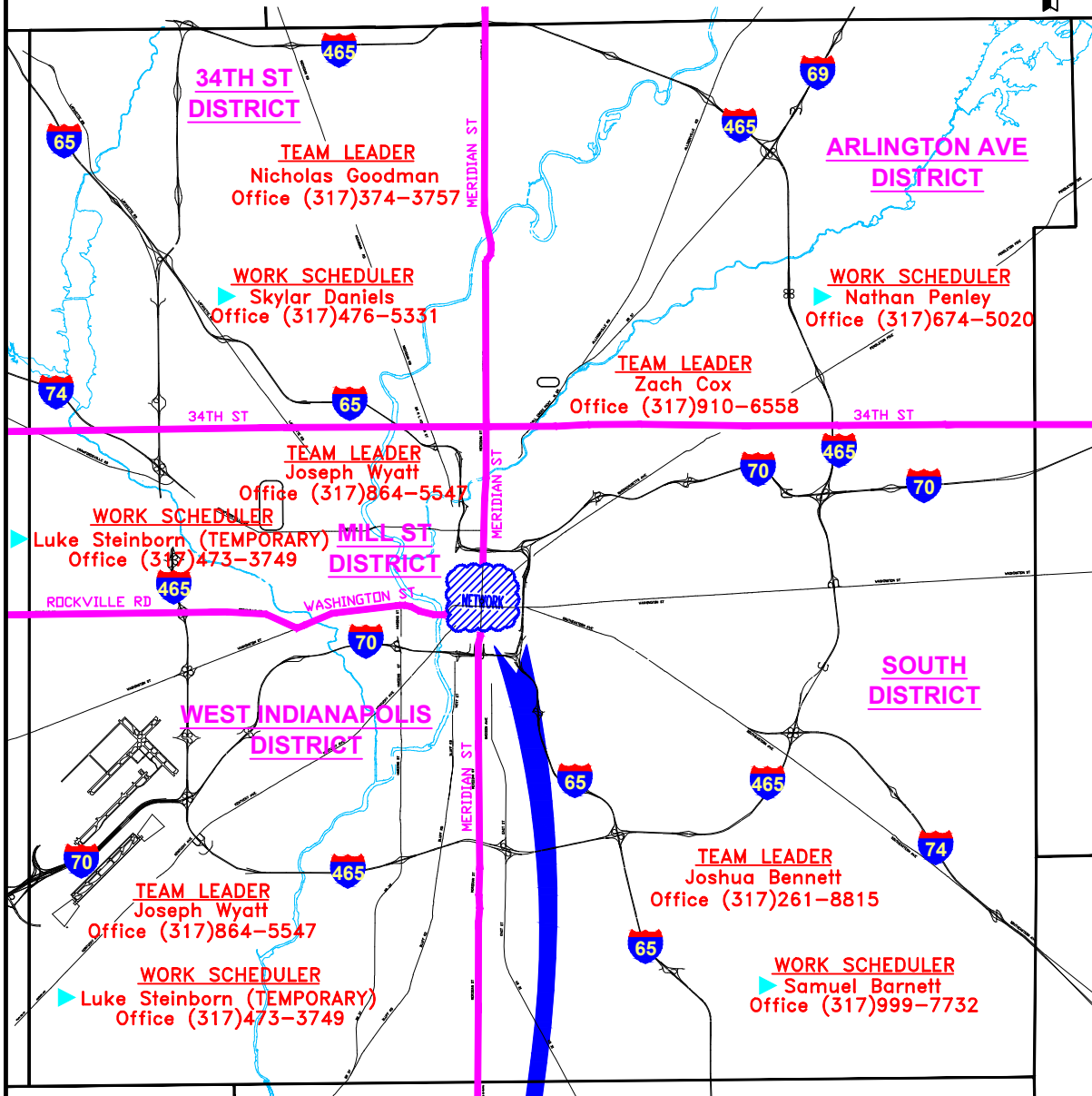
Revised 2/10/23

**aes** Indiana



NOTE:  
 EMAIL ADDRESS FORMAT IS  
 firstname.lastname@aes.com

**ACCOUNT MANAGEMENT EXECUTIVES**



**DOWNTOWN NETWORK**  
**TEAM LEADERS**  
 Caesar Doyle (317)261-8522  
**WORK SCHEDULER**  
 Alaina Ellis (317)261-8224

**NOTE:**  
 Please contact the engineering department first regarding new or altered services, or other powerline questions. Refer to pages GB0-100 and GB0-110.

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**CONSTRUCTION AND MAINTENANCE DISTRICT MAP**

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## 510 Multi-family dwellings

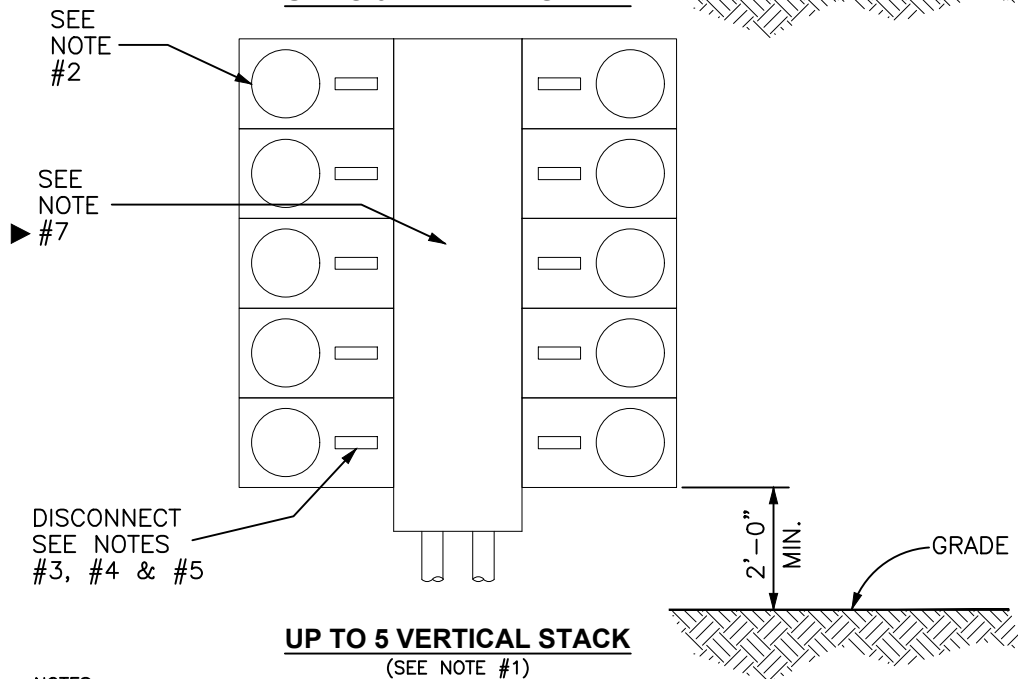
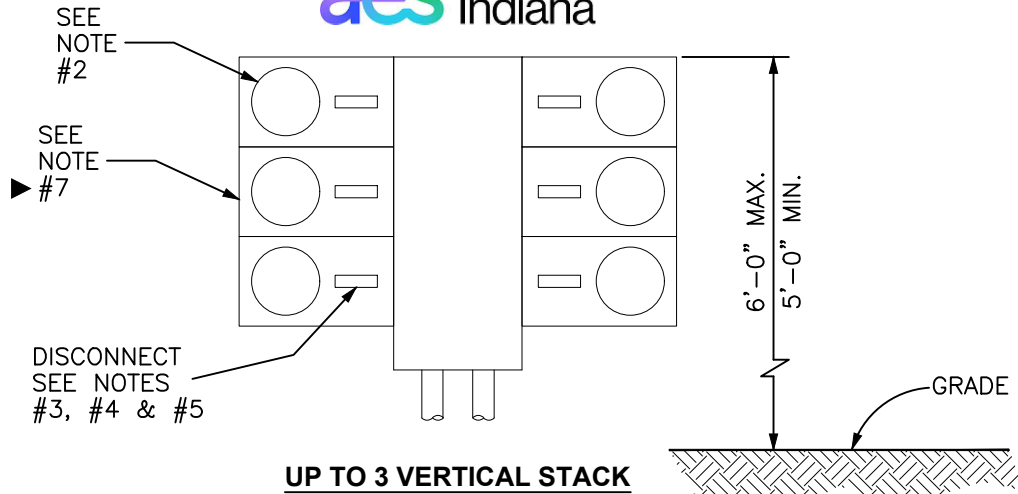
Metering shall be installed on the outside of all multi-family dwellings. Information relative to the location of metering facilities and the type of metering equipment to be installed should be obtained before any work is started on multiple meter installations. Only locations that are readily accessible and agreeable to the Company will be acceptable.

When ganged meter fittings are required, the customer shall notify the Meter Department in sufficient time to order and receive these fittings prior to installation time.

## 515 Meter centers outside of the downtown underground networked service area

Any deviations from this section will require meter department approval prior to purchasing the meter center. For the installation of meter centers in the Downtown Underground Networked Service Area, see Section 517.

- A. With prior approval of the Meter Department, meter centers may be provided, installed and maintained by the customer. Both single and three phase meter centers shall be in a vertical stack of no more than four (4) positions. However, if due to space constraints, the contractor may request a waiver for a vertical stack of five (5) positions. This request shall be submitted to the Company Meter Layout group for prior approval before ordering the equipment. All customer provided meter centers shall be UL listed or listed by another Nationally Recognized Testing Laboratory (NRTL).
- B. Residential meter centers fed from single phase, 120/240 volt shall have a maximum rating of 800 amps per meter center and limited to a maximum rating of 225 amps per position. Each position shall have a ring type cover and have a disconnecting means on the load side.
- C. Residential meter centers fed from commercial three phase 120/208 volt, four wire, wye source shall have ringless covers with a horn bypass. A 5th jaw shall be installed, at the 9:00 position and connected to the neutral by the customer. Individual meters shall be balanced across the three phases and neutral with a maximum of 200 amps per position. 120/240 volt single phase meter centers shall not be permitted to connect to 120/208 volt three phase services.  
  
Three phase meter centers 120/208 volt shall have ring-less covers and bypass levers with a maximum rating of 225 amps per position.
- D. Single phase and three phase services of the same voltage from the same meter center are permitted. With approval by the Meter Department the largest disconnecting means shall not be greater than 300 amperes for a three-phase service. (For instance, a house panel.)



NOTES:

1. 5 VERTICAL STACK METER CENTER IS PERMITTED ONLY IF APPROVED BY THE METERING DEPARTMENT.
2. IF FED FROM 120/208 VOLTS, A 5TH JAW SHALL BE INSTALLED IN THE 9:00 POSITION.
3. IF OUTSIDE THE DOWNTOWN UNDERGROUND NETWORK, EACH POSITION SHALL BE IN HOT SEQUENCE.
4. IF SERVED FROM THE DOWNTOWN UNDERGROUND NETWORK, EACH POSITION SHALL BE IN COLD SEQUENCE.
5. SEE SECTION 550A FOR THE DEFINITION OF HOT AND COLD SEQUENCE.
- ▶ 6. EACH POSITION SHALL BE PERMANENTLY IDENTIFIED.
- ▶ 7. 7 DISCONNECTING MEANS OR MORE SHALL HAVE A MAIN DISCONNECTING MEANS ON THE LINE SIDE OF THE METER CENTER.
- ▶ 8. EACH METER CENTER SHALL COMPLY WITH SECTION 515.

**100A & 200A METER CENTER  
UNDERGROUND INSTALLATION  
120/240 VOLT, 1 PHASE, 3 WIRE  
225A MAXIMUM PER POSITION  
120/208 VOLT, 1 PHASE, 3 WIRE  
200A MAXIMUM PER POSITION RESIDENTIAL  
100A MAXIMUM PER POSITION COMMERCIAL**