



Safety First



# Electric Service and Meter Manual

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**aes** Indiana

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For the use of government agencies only

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## Part I: General

### 100 Application for service

It is important that the customer or their representative notify AES Indiana (the Company) well in advance of the date a new temporary or permanent electric service will be required, especially when it is evident that construction work will be necessary.

All new customers should be notified that it is necessary for them to make application to have the service energized.

Application for service to a single-family residence or a single-family apartment may be made by telephoning the Customer Contact Department - (317) 261-8222 or by visiting the Customer Service Center at 2102 North Illinois Street.

The applicant shall give the correct street address and include detailed information as to his connected load, other service requirements and pertinent information regarding the responsible individual or corporation.

All new underground services require an underground application and agreement, except secondary network service area.

Application for a service to a commercial/industrial building should be made by calling the appropriate Engineering Division (see maps in front of book for jurisdiction). A completed copy of the Commercial/Industrial Information Sheet [GB0-030](#) is to be submitted at initial meeting.

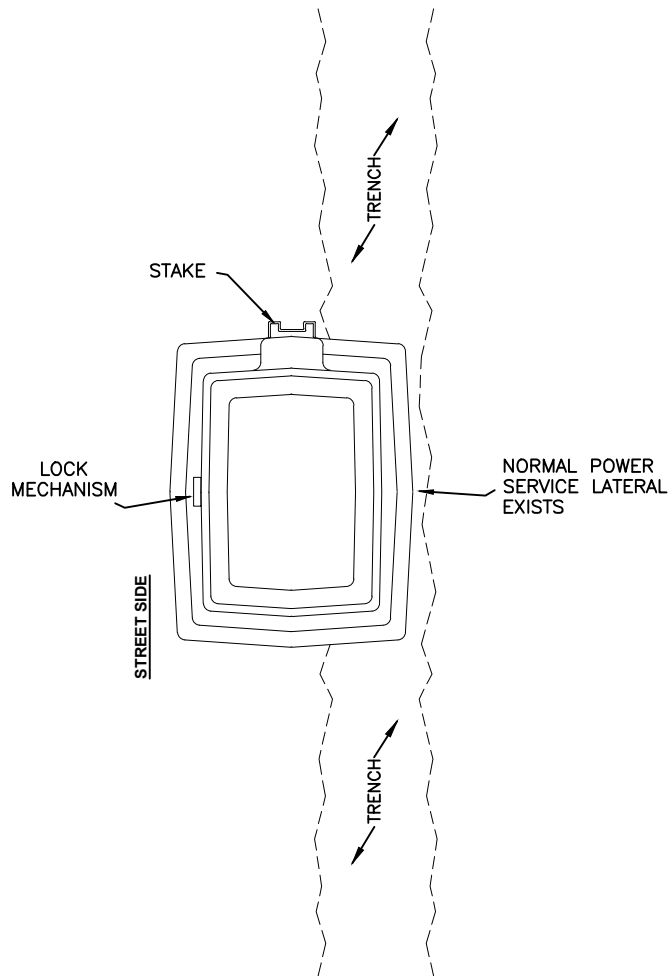
### 102 Inspection for electric service

The company will furnish electric service only after an authority having jurisdiction (normally an electrical or building inspector) has approved an installation for electrical service. An inspection or a self-certification certificate is acceptable in areas where permitted by the authority having jurisdiction. Where a self-certification certificate is permitted and used, it shall have the current date and it is considered no longer valid after 45 days from that date.

Temporary services may or may not require an electrical inspection, check with the authority having jurisdiction. If an inspection is not required, a copy of the "Letter in-Lieu of Electrical Inspection for Temporary Electrical Service" is required to be completed and inserted in the meter fitting.

State of Indiana buildings, Federal buildings, and services on railroad property do not require an inspection; however, the engineer in charge of the customer's construction shall take responsibility for the correctness of the electrical service by filling out and signing the "Letter in Lieu of Electrical Inspection" provided by the Company.

The City of Indianapolis - Department of Business and Neighborhood Services does not include Speedway, Southport, Lawrence, Beech Grove or any areas outside Marion County.

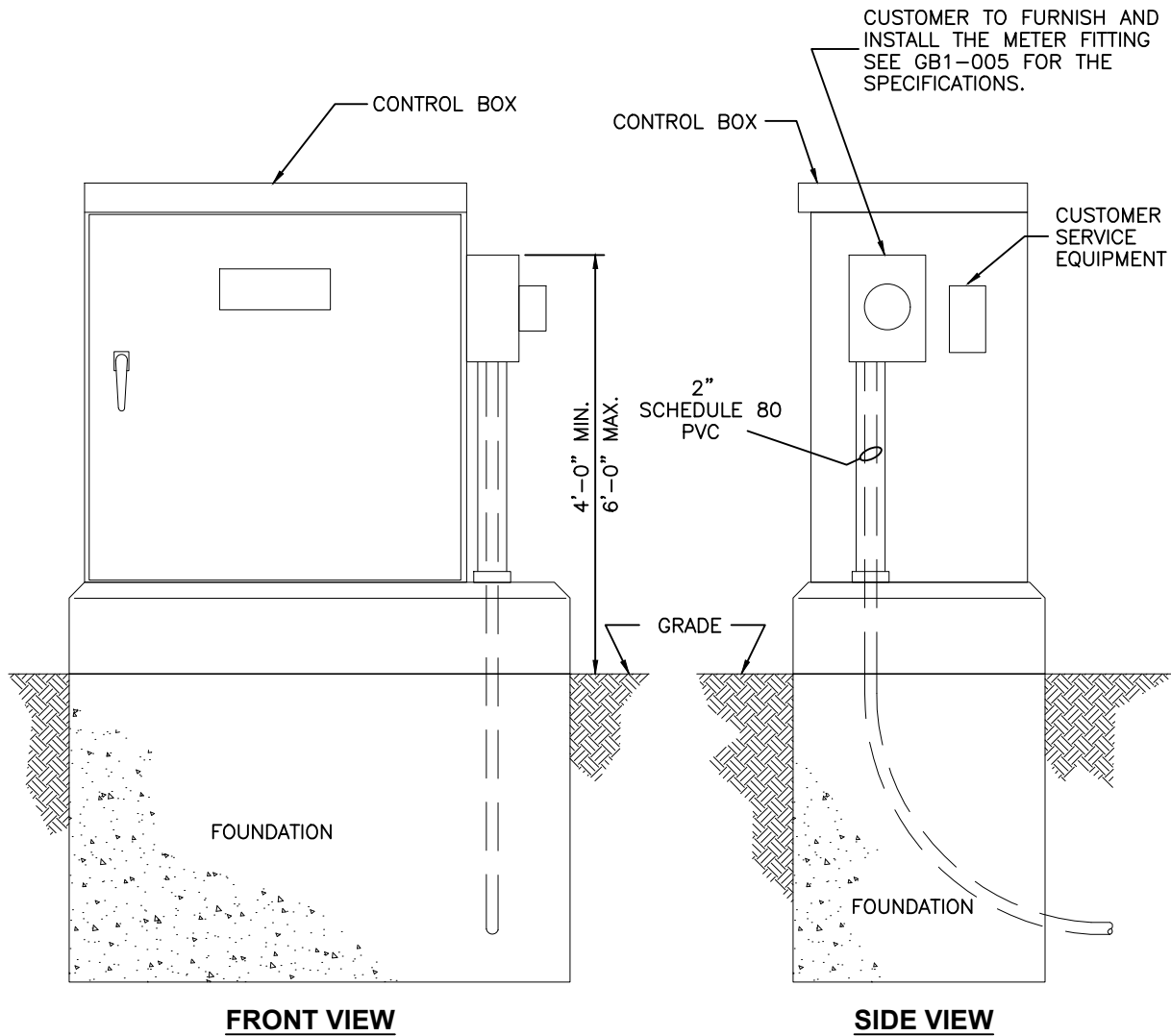


**TOP VIEW**

NOTE:

1. COMMUNICATION PEDESTAL LOCATIONS MAY NOT BE ANY CLOSER THAT 2 FEET OFF THE FOUR CORNERS OF THE POWER SERVICE PEDESTAL AND MUST BE INSTALLED ON THE DIAGONAL.

**NORMAL SPACING FOR AES INDIANA,  
TELEPHONE AND COMMUNICATIONS  
FACILITIES**

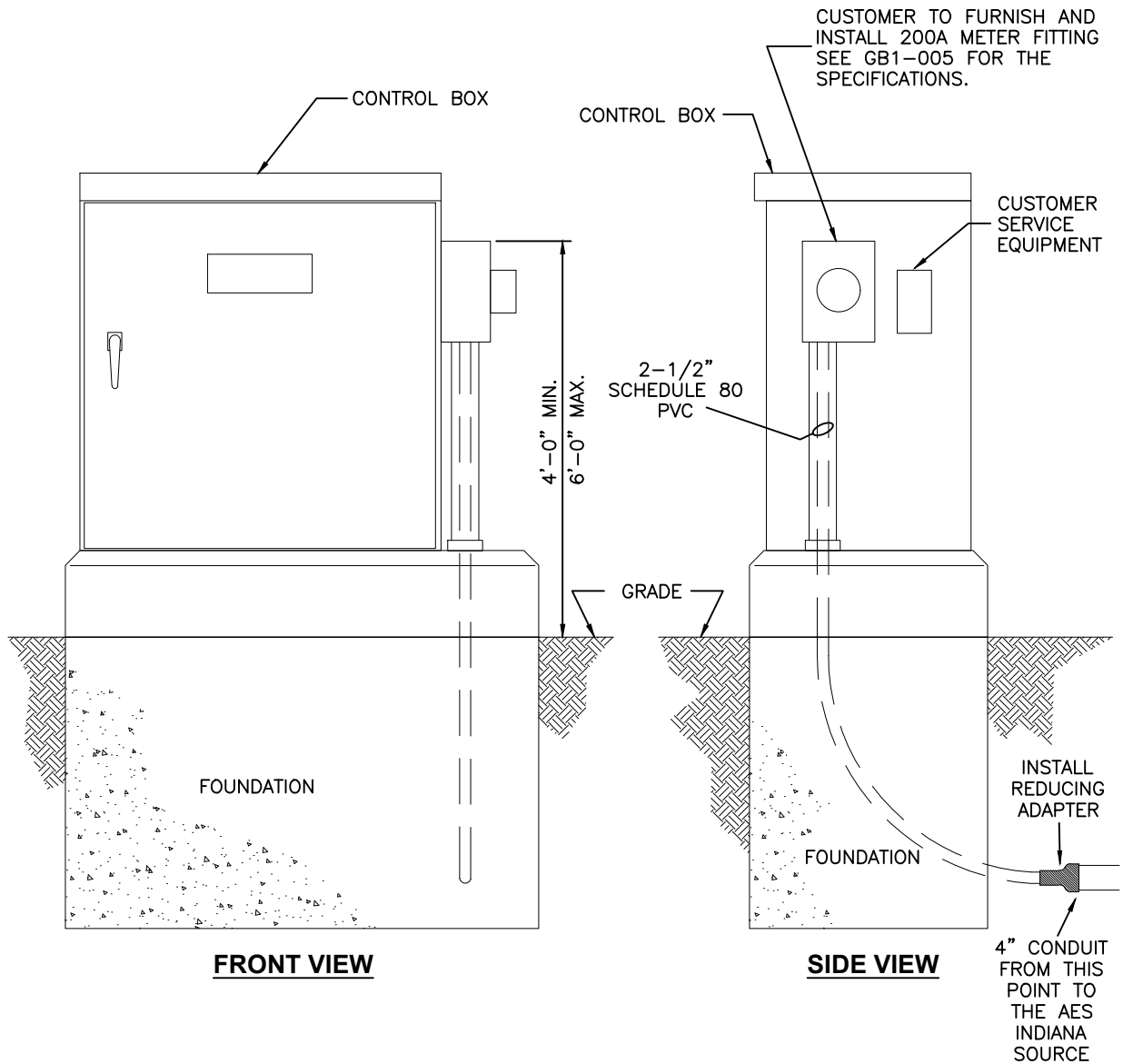


NOTES:

1. ALL EQUIPMENT EXCEPT THE SERVICE CABLE SHALL BE PROVIDED BY THE CUSTOMER.
2. ALL EQUIPMENT EXCEPT THE SERVICE CABLE SHALL BE INSTALLED BY THE CUSTOMER.
- ▶ 3. CONDUIT IS TO BE EXTENDED TO THE AES INDIANA SOURCE WITH NO MORE THAN 360° OF BENDS.
  - \* 2" CONDUIT MAXIMUM LENGTH = 200'
  - \* PULLSTRING TO BE INSTALLED BY CUSTOMER.
- ▶ 4. SERVICE CABLE WILL BE #6AL, 3/C.
- ▶ 5. DO NOT USE THE CENTER POSITION FOR AES INDIANA CABLE.

**SINGLE METER INSTALLATION**

- ▶ 3 WIRE, 120/240 V, 60 A ONLY
- ▶ 3 WIRE, 120/208 V, 60 A ONLY



NOTES:

1. ALL EQUIPMENT EXCEPT THE SERVICE CABLE SHALL BE PROVIDED BY THE CUSTOMER.
2. ALL EQUIPMENT EXCEPT THE SERVICE CABLE SHALL BE INSTALLED BY THE CUSTOMER.
3. CONDUIT IS TO BE EXTENDED TO THE AES INDIANA SOURCE WITH NO MORE THAN 360° OF BENDS.
  - \* 4" CONDUIT MAXIMUM LENGTH = 200'
  - \* PULLSTRING TO BE INSTALLED BY CUSTOMER.
4. SERVICE CABLE WILL NORMALLY BE #2AL,3 /C.
5. DO NOT USE THE CENTER POSITION FOR AES INDIANA CABLE.

**SINGLE METER INSTALLATION**  
**3 WIRE, 120/240 V, 100 A MAX.**  
**3 WIRE, 120/208 V, 100 A MAX.**

2" RIGID OR LIQUID TIGHT PVC CONDUIT MIN.

GRADE

FOUNDATION

**SIDE VIEW**

CONTROL BOX

CUSTOMER TO FURNISH AND INSTALL THE METER FITTING SEE GB1-005 FOR THE SPECIFICATIONS.

CUSTOMER SERVICE EQUIPMENT

5'-0"

4'-6"

GRADE

FOUNDATION

**FRONT VIEW**

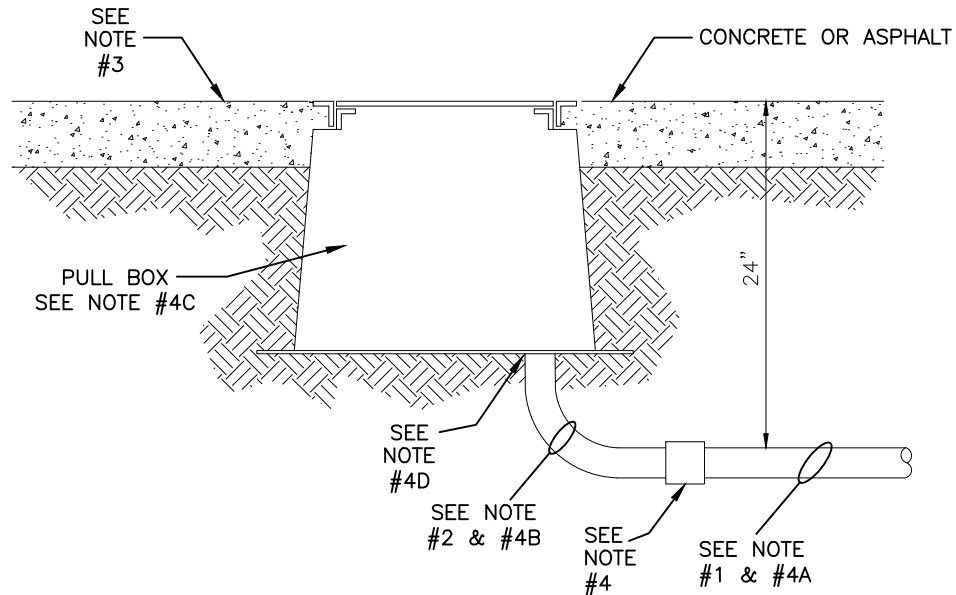
**NOTES:**

1. ALL EQUIPMENT EXCEPT THE SERVICE CABLE SHALL BE PROVIDED BY THE CUSTOMER.
2. ALL EQUIPMENT EXCEPT THE SERVICE CABLE SHALL BE INSTALLED BY THE CUSTOMER.
- ▶ 3. CONDUIT IS TO BE EXTENDED TO THE AES INDIANA SOURCE WITH NO MORE THAN 360° OF BENDS.
  - \* 2" CONDUIT MAXIMUM LENGTH = 200'
  - \* PULLSTRING TO BE INSTALLED BY CUSTOMER.
- ▶ 4. SERVICE CABLE WILL BE #6AL, 3/C.

**SINGLE METER INSTALLATION**

- ▶ 3 WIRE, 120/240 V, 60 A ONLY
- ▶ 3 WIRE, 120/208 V, 60 A ONLY





**NOTES:**

1. ANY DIRECT BURIED CABLE IS TO BE AT A MINIMUM DEPTH OF 24" UNLESS A CONFLICT WITH OTHER UNDERGROUND FACILITIES FORCES IT TO A MINIMUM OF 18".
2. MAXIMUM OF 4 360° TOTAL BENDS IN THE CONDUIT RUN.
3. IN APPLICATIONS WHERE THE PULL BOX WILL BE SET IN SOIL, THE TOP OF THE PULL BOX SHALL BE AT FINISHED GRADE.
4. ALL JOINTS SHALL BE GLUED IN PLACE WITH A PVC RATED ADHESIVE.
  - A. 2" PVC, PROVIDED AND INSTALLED BY THE CUSTOMER.
  - B. ONLY 18" OR 24" ELBOWS SHALL BE USED.
  - ▶ C. PULL BOX OWNED AND INSTALLED BY AES INDIANA.
  - D. THE END OF THE CONDUIT SHALL BE SEALED TO KEEP DIRT OUT.

**INSTALLATION OF CUSTOMER OWNED CONDUIT  
▶ INTO AN AES INDIANA PULLBOX**