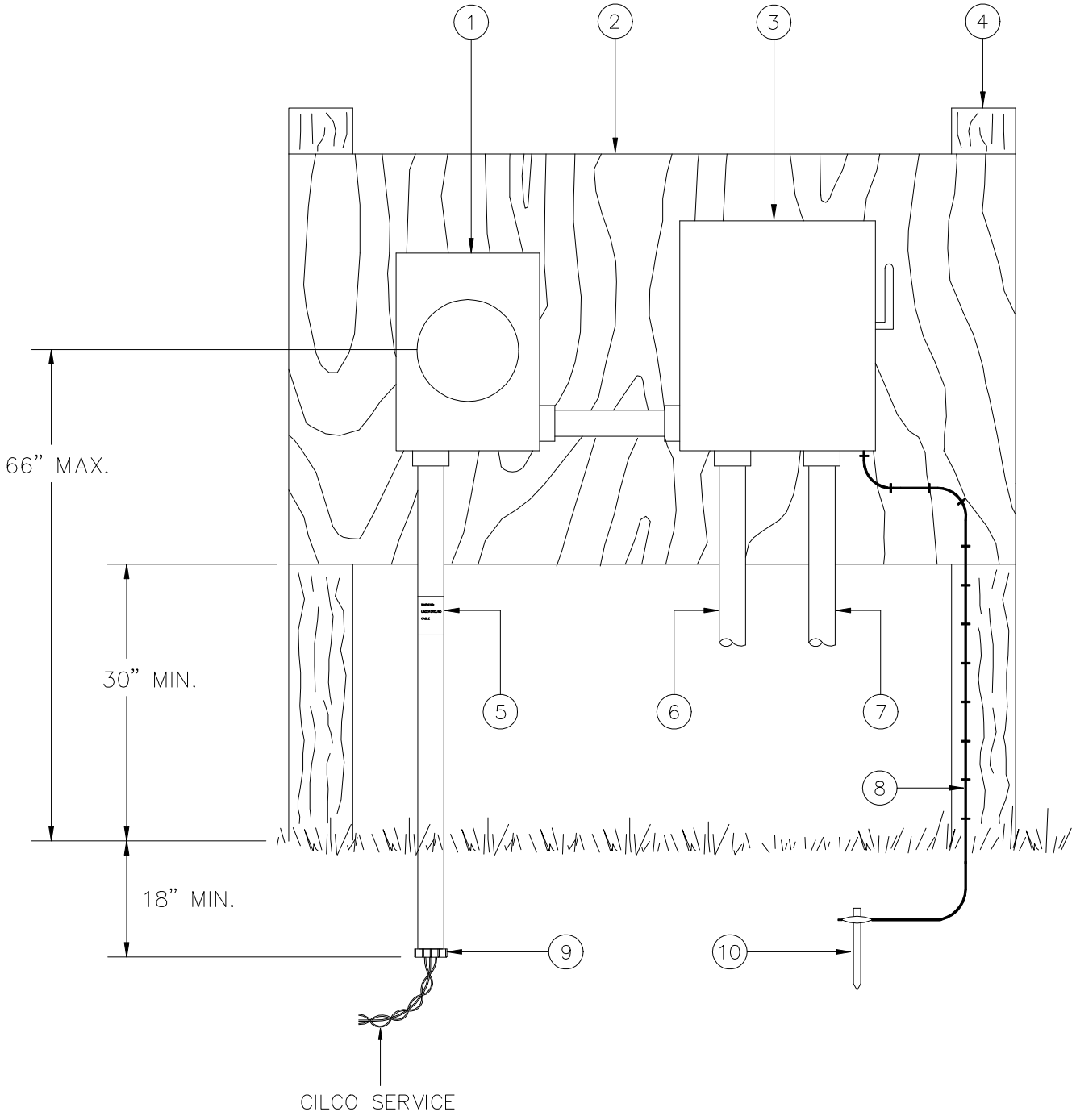
EQUIPMENT LAYOUT



APPLICATION:

MANUAL TRANSFER SWITCH USED AS THE MAIN DISCONNECT.

NOTES FOR SI-24:

1. Meter base furnished and installed by the customer or contractor.

2. Mounting structure. Normally 3/4 inch plywood rated for outdoor use. CILCO recommends pressure treated lumber.

3. Manual transfer switch.

4. 4 inches by 4 inches pressure treated lumber.

5. Warning label for underground cable.

6. Liquid tight flexible metal conduit to standby generator.

7. Conduit to customer's distribution panel.

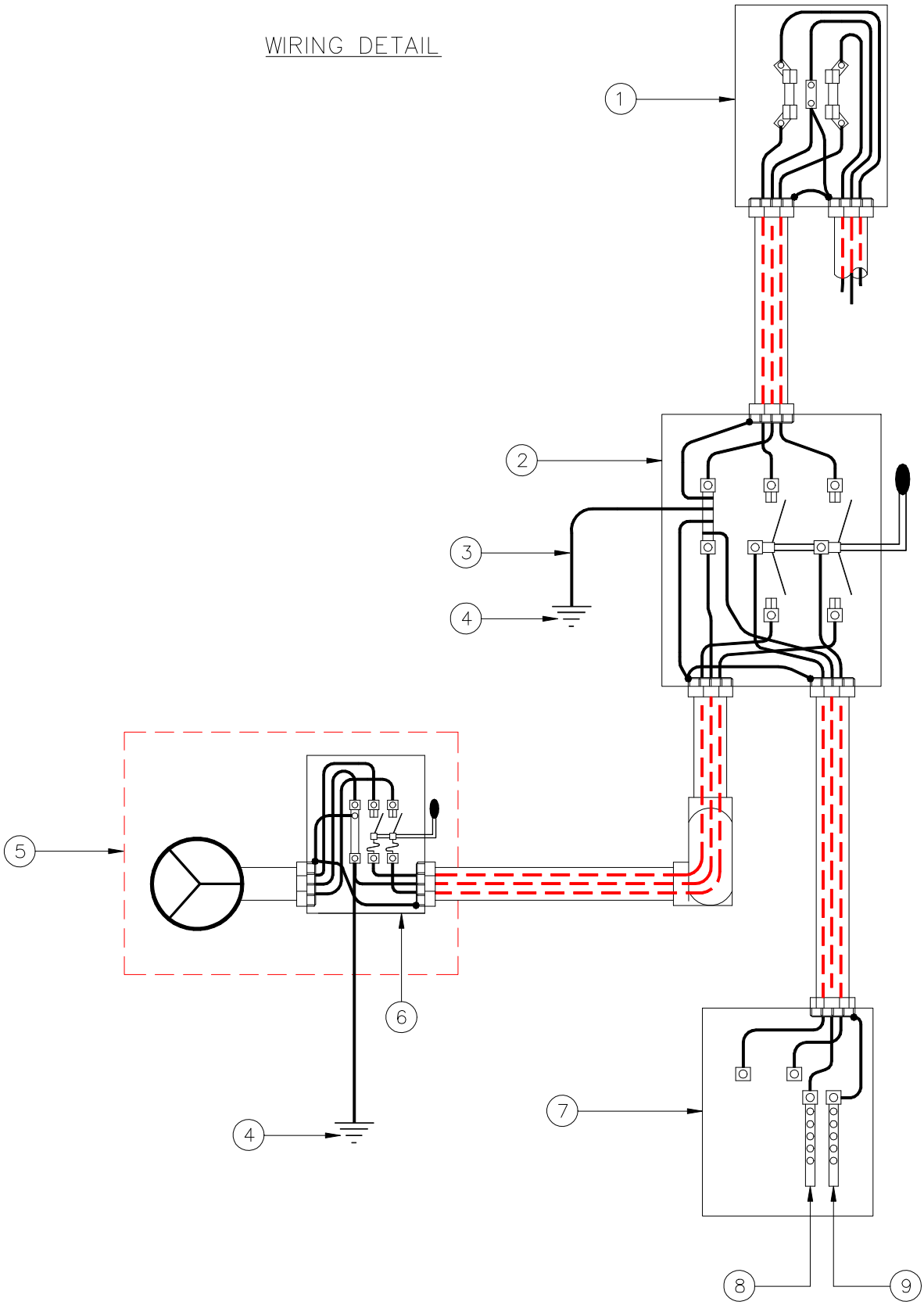
8. #6 solid copper ground wire attached to a dedicated lug in the service equipment, stapled to the structure and attached to the ground rod with an approved clamp.

9. Insulated bushing required for metallic conduit.

10. Ground rod – 1/2 inch by 8 feet copperweld or equivalent.

11. **All work to be done in accordance with the National Electrical Code, local codes, and CENTRAL ILLINOIS LIGHT COMPANY requirements. Refer questions to a CILCO Service Representative or the Electric Meter Unit.**

WIRING DETAIL



APPLICATION:

MANUAL TRANSFER SWITCH USED AS THE MAIN DISCONNECT.

NOTES FOR SI-25:

1. Meter base furnished and installed by the customer or contractor.

2. Manual transfer switch must be identified by the manufacturer as "Suitable For Service Equipment" when it is used as the main disconnect.

3. #6 solid copper wire attached to a dedicated ground lug in the service equipment, stapled to the structure, and attached to the ground rod with an approved clamp. All metallic components of service equipment must be bonded together in accordance with the National Electrical Code, Section 250.

4. Ground rod or other National Electrical Code approved grounding electrode. Rod to be 1/2 inch by 8 feet copperweld or equivalent.

5. Standby generator unit.

6. Fused generator disconnect.

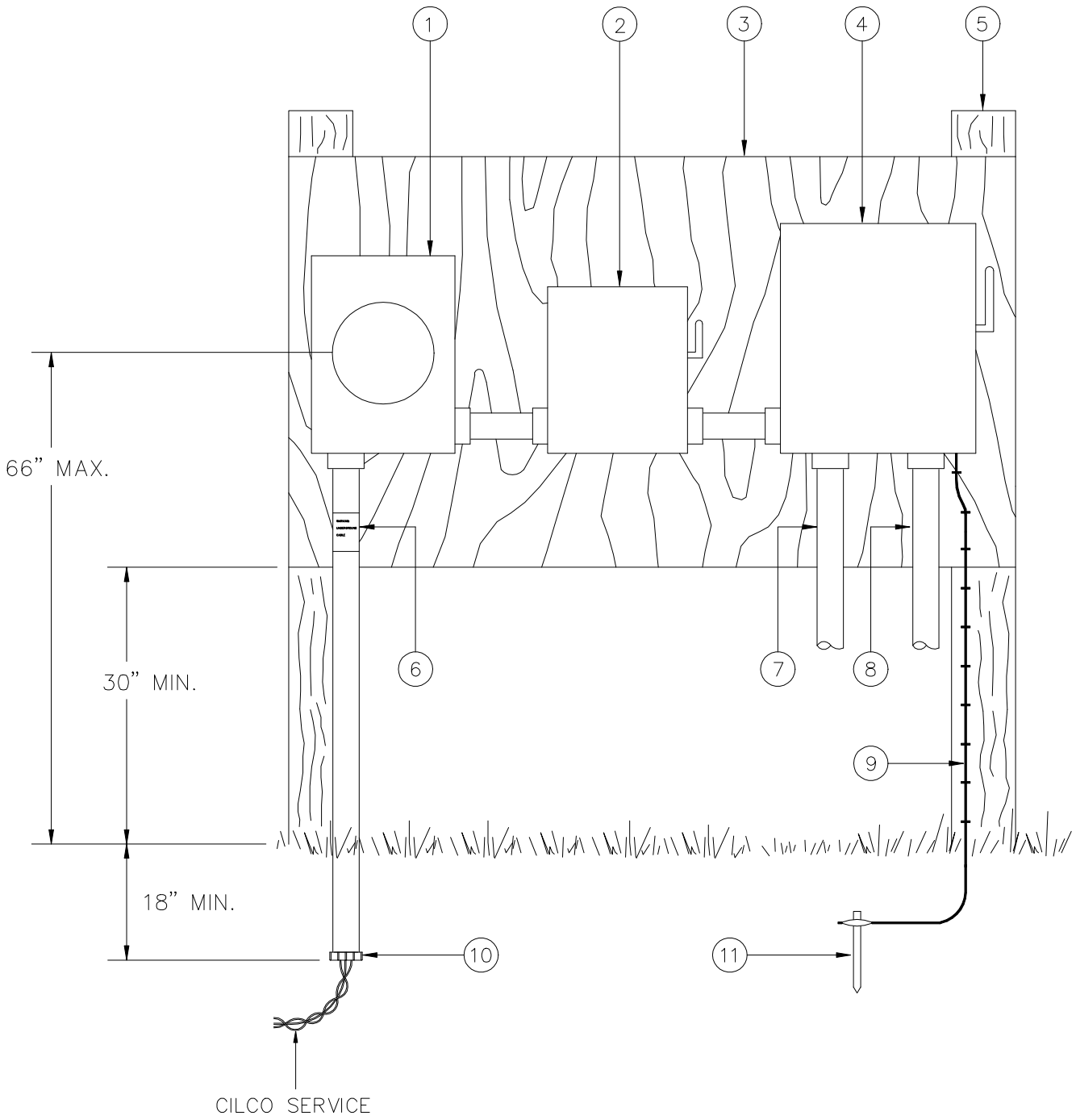
7. Customer's distribution panel.

8. Grounded neutral buss.

9. Separate equipment grounding buss.

10. **All work to be done in accordance with the National Electrical Code, local codes, and CENTRAL ILLINOIS LIGHT COMPANY requirements. Refer questions to a CILCO Service Representative or the Electric Meter Unit.**

EQUIPMENT LAYOUT



APPLICATION:

SEPARATE MAIN DISCONNECT AHEAD OF THE MANUAL TRANSFER SWITCH.

NOTES FOR SI-26:

1. Meter base furnished and installed by the customer or contractor.

2. Customer's main disconnect.

3. Mounting structure – normally 3/4 inch plywood approved for outdoor use. CILCO recommends pressure treated lumber.

4. Manual transfer switch.

5. 4 inches by 4 inches pressure treated lumber.

6. Warning label for underground cable.

7. Liquid tight flexible metal conduit to standby generator.

8. Conduit to customer's distribution panel.

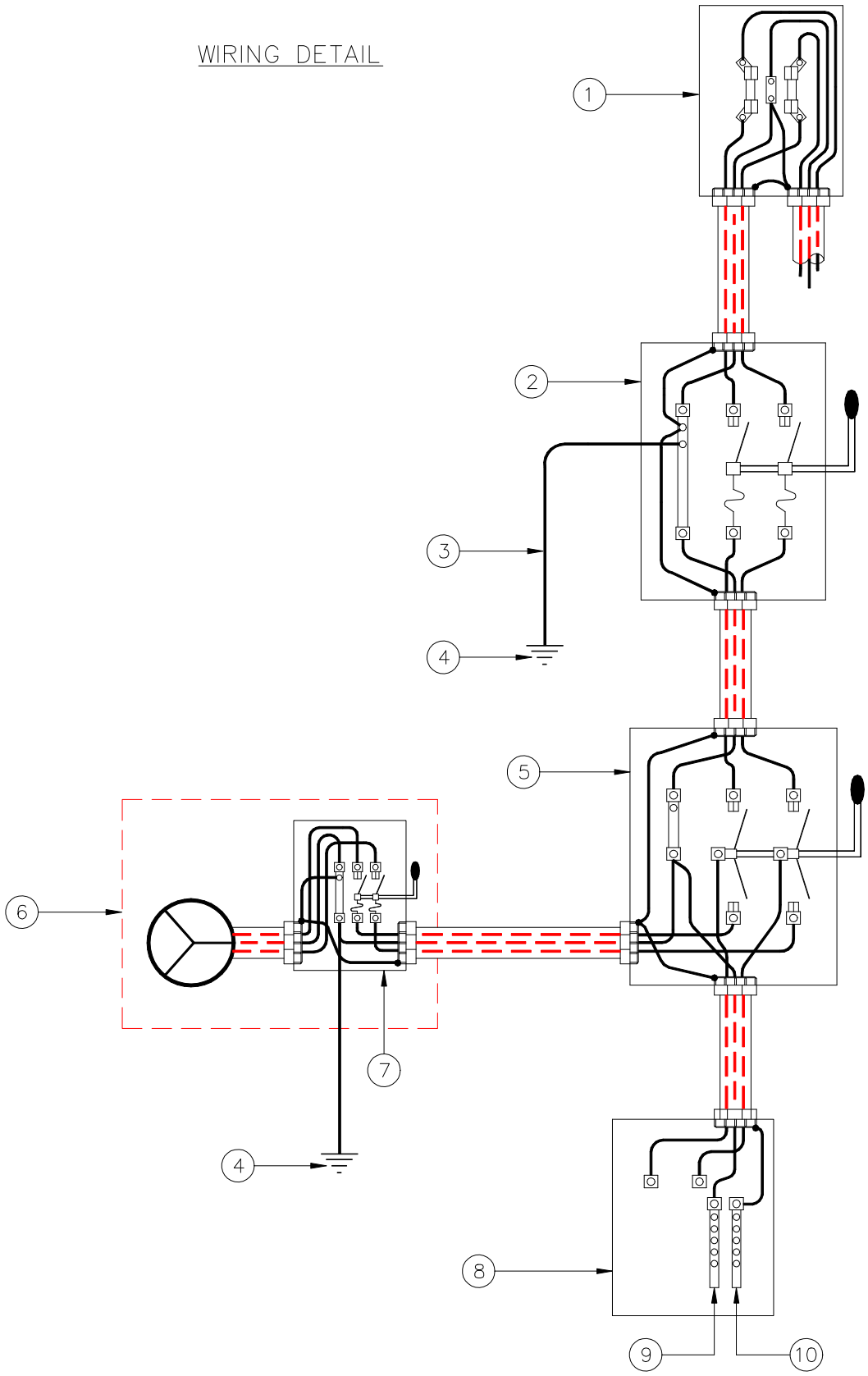
9. #6 solid copper ground wire attached to a dedicated ground lug in the service equipment, stapled to the structure and attached to the ground rod with an approved clamp.

10. Insulated bushing required for metallic conduit.

11. Ground rod – 1/2 inch by 8 feet copperweld or equivalent.

12. **All work to be done in accordance with the National Electrical Code, local codes, and CENTRAL ILLINOIS LIGHT COMPANY requirements. Refer questions to a CILCO Service Representative or the Electric Meter Unit.**

WIRING DETAIL



APPLICATION:

SEPARATE MAIN DISCONNECT AHEAD OF MANUAL TRANSFER SWITCH.

NOTES FOR SI-27:

1. Meter base furnished and installed by the customer or contractor.

2. Customer's main disconnect.

3. #6 solid copper wire attached to a dedicated ground lug in the service equipment, stapled to the structure and attached to the ground rod with an approved clamp. All metallic components of service equipment must be bonded together in accordance with the National Electrical Code, Section 250.

4. Ground rod or other National Electrical Code approved grounding electrode. Rod to be 1/2 inch by 8 feet copperweld or equivalent.

5. Manual transfer switch.

6. Standby generator unit.

7. Fused generator disconnect.

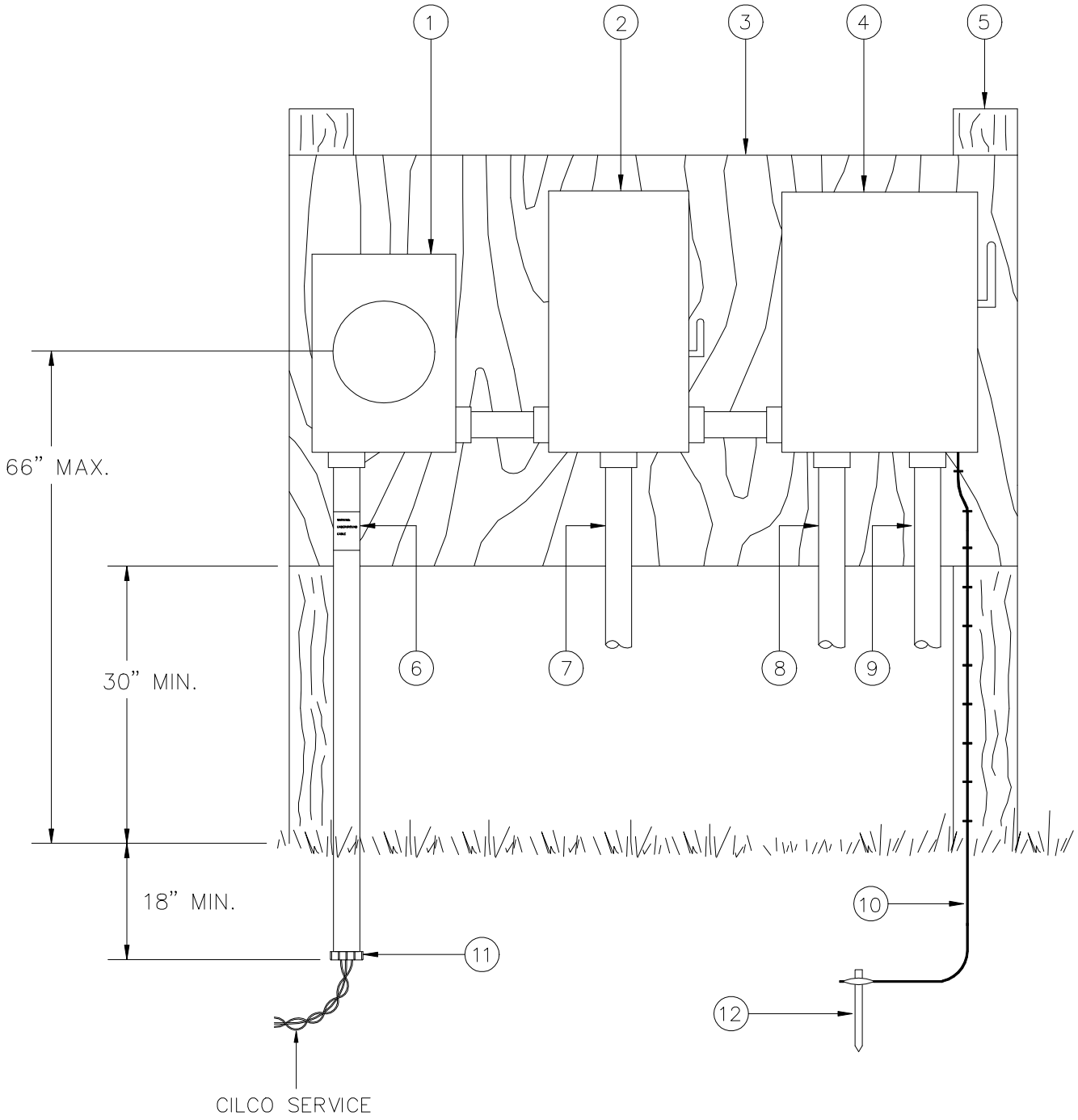
8. Customer's distribution panel.

9. Grounded neutral buss.

10. Separate equipment grounding buss.

11. All work to be done in accordance with the National Electrical Code, local codes, and CENTRAL ILLINOIS LIGHT COMPANY requirements. Refer questions to a CILCO Service Representative or the Electric Meter Unit.

EQUIPMENT LAYOUT



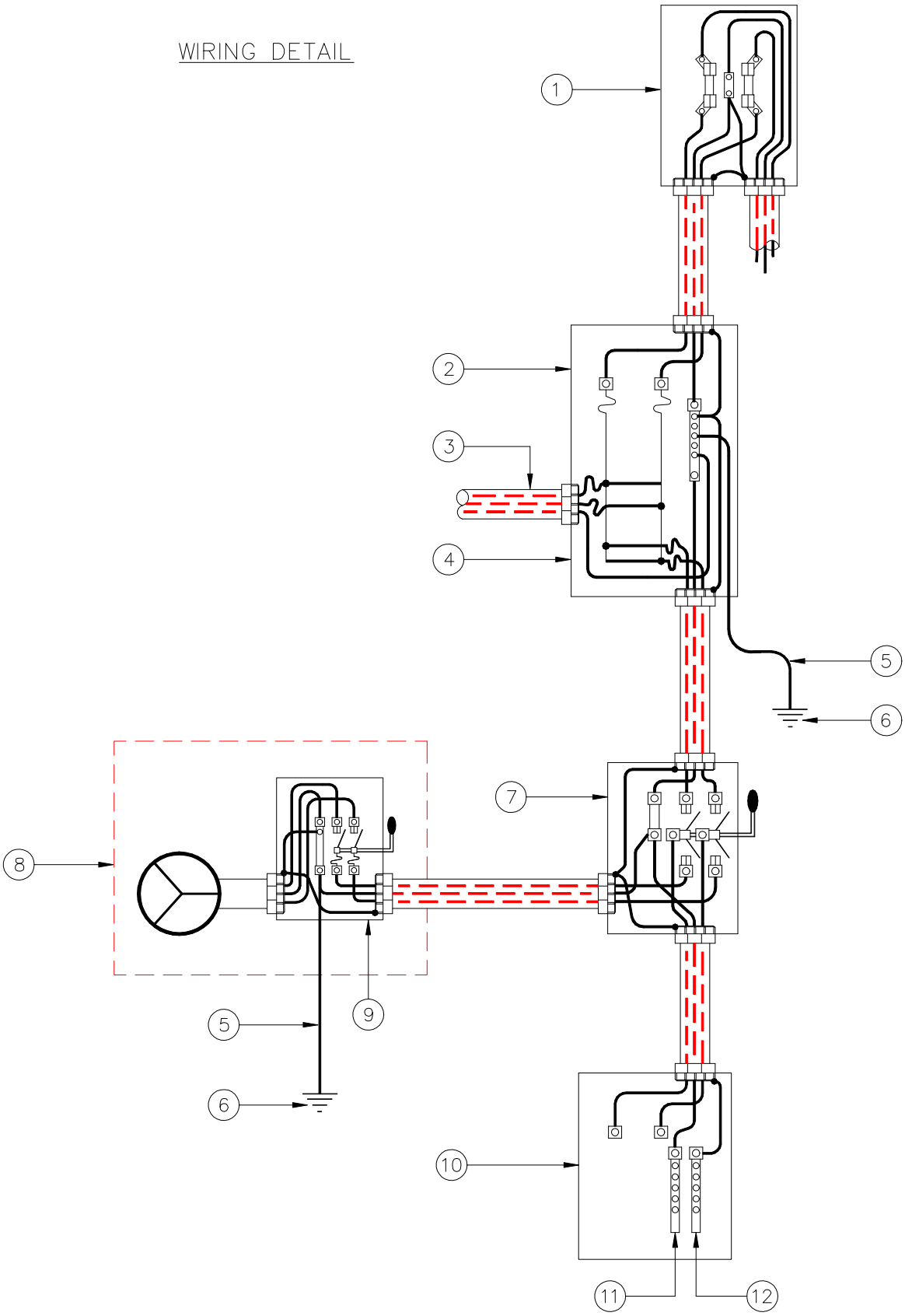
APPLICATION:

SPLIT LOAD DISTRIBUTION SYSTEM WITH STANDBY SERVICE FOR SUB PANEL ONLY.

NOTES FOR SI-28:

1. Meter base furnished and installed by the customer or contractor.
2. Split load distribution panel.
3. Mounting structure. Normally 3/4 inches plywood approved for outdoor use. CILCO recommends pressure treated lumber.
4. Manual transfer switch.
5. 4 inches by 4 inches pressure treated timber.
6. Warning label for underground cable.
7. Conduit to customer's distribution panel without standby generator back-up service.
8. Liquid tight flexible metal conduit to standby generator.
9. Conduit to customer's distribution sub-panel with standby generator back-up service.
10. #6 solid copper ground wire attached to a dedicated ground lug in the service equipment, stapled to the structure and attached to the ground rod with an approved clamp.
11. Insulated bushing required on metallic conduit.
12. Ground rod – 1/2 inch by 8 feet copperweld or equivalent.
13. **All work to be done in accordance with the National Electrical Code, local codes, and CENTRAL ILLINOIS LIGHT COMPANY requirements. Refer questions to a CILCO Service Representative or the Electric Meter Unit.**

WIRING DETAIL



APPLICATION:

SPLIT LOAD DISTRIBUTION SYSTEM WITH STANDBY SERVICE FOR SUB-PANEL ONLY.

NOTES FOR SI-29:

1. Meter base furnished and installed by the customer or contractor.

2. Split-load distribution panel.

3. Feed to customer's distribution panel without standby generator back-up service.

4. Feed to manual transfer switch.

5. #6 solid-copper wire attached to a dedicated grounding lug in the service equipment, stapled to the structure and attached to the ground rod with an approved clamp. All metallic components of service equipment must be bonded together in accordance with the National Electrical Code, Section 250.

6. Ground rod or other National Electrical Code approved grounding electrode. Rod to be 1/2 inch by 8 feet copperweld or equivalent.

7. Manual transfer switch.

8. Standby generator unit.

9. Fused generator disconnect.

10. Customer's distribution sub-panel with standby generator back-up service.

11. Grounded neutral buss.

12. Separate equipment grounding buss.

13. **All work to be done in accordance with the National Electrical Code, local codes, and CENTRAL ILLINOIS LIGHT COMPANY requirements. Refer questions to a CILCO Service Representative or the Electric Meter Unit.**