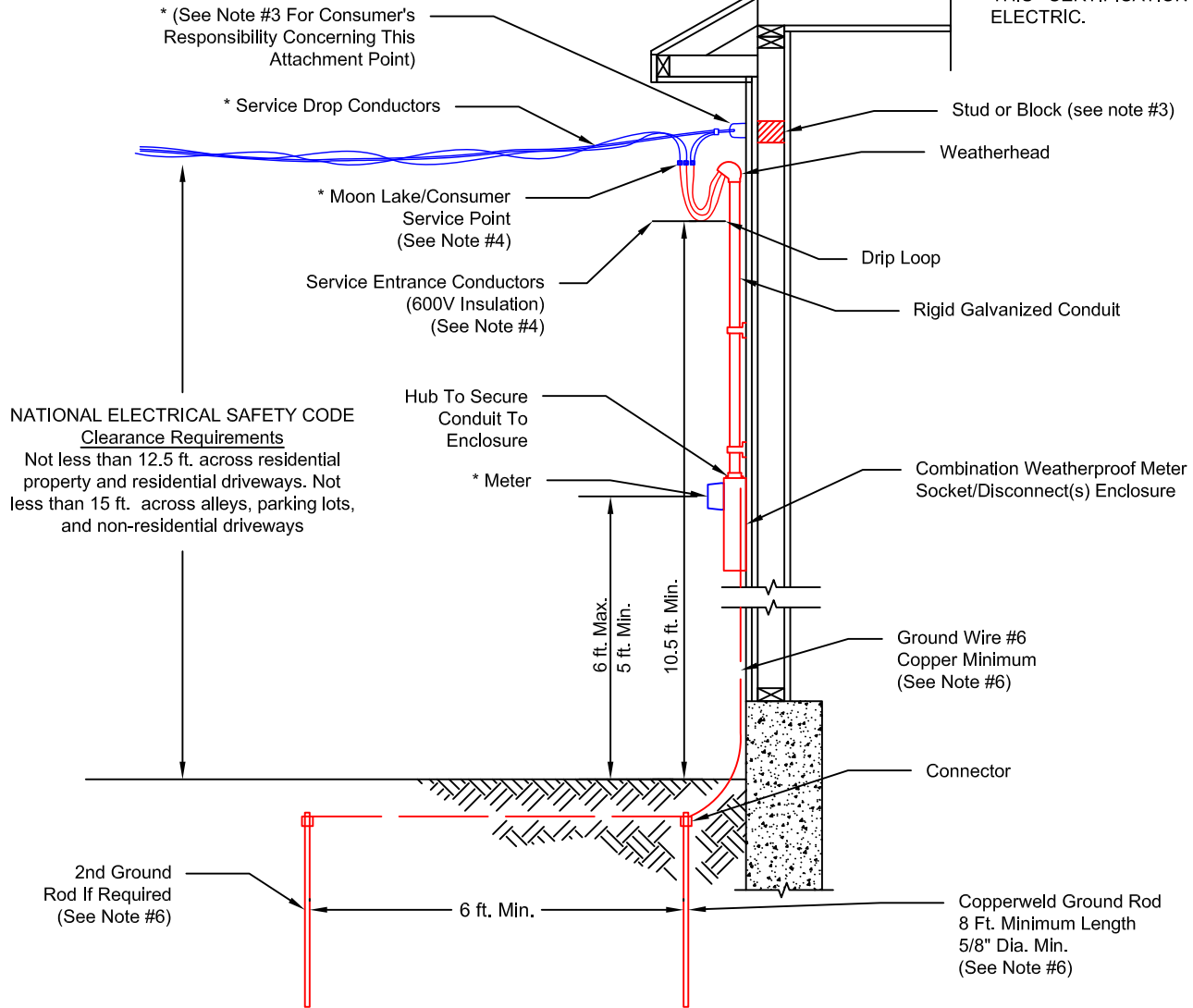


# OVERHEAD SERVICE INSTALLATION UNDER-ROOF


A CERTIFICATION THAT CONSUMER WIRING AND EQUIPMENT CONFORMS TO ALL APPLICABLE CODES WILL BE REQUIRED FROM THE CITY OR COUNTY BUILDING INSPECTOR PRIOR TO MOON LAKE ENERGIZE THE SERVICE. CONSUMER MUST FURNISH A COPY OF THIS CERTIFICATION TO MOON LAKE ELECTRIC.



**NATIONAL ELECTRICAL SAFETY CODE Clearance Requirements**  
 Not less than 12.5 ft. across residential property and residential driveways. Not less than 15 ft. across alleys, parking lots, and non-residential driveways

1. All facilities (shown in Red) to be furnished, assembled, and installed by Consumer unless noted otherwise by \*asterisk. Installation, if not by Consumer, shall be by a licensed, qualified, and trained person.
2. Final interconnection between Moon Lake and Consumer shall be made by Moon Lake.
3. The Ratings and Sizes shown in the table apply to residential services and some small single-phase services. Refer to National Electrical Code for other service applications. Dwellings require a minimum rating of 100 Amperes.
4. Consumer must furnish and install support for the insulator that is adequate to withstand all service drop conductor tensions.
5. Consumer furnishes service entrance conductors from disconnect(s) to the Moon Lake/Consumer service point. Service entrance conductors must extend at least 24 inches beyond weatherhead.
6. If minimum service clearances required by National Electrical Safety Code cannot be exceeded with this application, an above-roof installation must be used.
7. The grounding electrode system must meet or exceed the requirements of National Electrical Code Article 250 and must be approved by local building inspector.
8. Items (Shown in Blue) denotes equipment furnished by Moon Lake.

| SERVICE EQUIPMENT  | MINIMUM CONDUCTOR SIZE |         | MINIMUM CONDUIT SIZE |
|--------------------|------------------------|---------|----------------------|
|                    | Alumimum               | Copper  |                      |
| Ratings in Amperes |                        |         | Rigid Only           |
| 60                 | 4 AWG                  | 6 AWG   | 2"                   |
| 100                | 2 AWG                  | 4 AWG   | 2"                   |
| 200                | 4/0 AWG                | 2/0 AWG | 2"                   |

|                  |                 |   |            |           |   |      |
|------------------|-----------------|---|------------|-----------|---|------|
| REV. DESCRIPTION |                 |  <b>MOON LAKE ELECTRIC ASSOC., INC.</b><br>Roosevelt, Utah 84066 |            | DRAWING # |   |      |
| 0                | ISSUED FOR USE. |   |            |           | SERVICE ENTRANCE SPECIFICATIONS<br>UNDER ROOF WALL ATTACHMENT |      |
| DRN. BY -        | M. TERVOT       | DATE -  | 05/18/2023 | SCALE -   | N.T.S.  | OH-1 |
| CHKD -           |                 | APPRD -   | M. TERVOT  |           |   |      |