


Notes:

1. All facilities (**shown in Red**) **to be furnished, assembled and installed by Consumer** unless noted otherwise in Note #8. Installation, if not by Customer, shall be by a licensed, qualified and trained person.
2. 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.
3. Service installation must be secured to the building in a manner such to withstand all service drop conductor tensions. The service mast must be of adequate strength or be supported by braces or guys to withstand all service drop conductor tensions.
4. If conduit length exceeds 10 ft., coupling must be on the end adjacent to the meter socket/disconnect enclosure.
5. Consumer shall furnish service entrance conductors from disconnect(s) to the Moon Lake/ Consumer point of common coupling (PCC). Service entrance conductors must extend at least 24 inches beyond the weatherhead.
6. National Electrical Code requires at least 18 inches clearance above roof if service drop conductors do not pass over more than 4 ft. of roof (Extend conduit riser 24 inches above roof). Otherwise, at least 36 inches clearance to roof is required (Extend conduit riser 42 inches above roof). Refer to National Electrical Code Article 230 for requirements.
7. The grounding electrode system must meet or exceed the requirements of the National Electrical Code Article 250 and must be approved by the local building inspector having jurisdiction.
8. Facilities (**Shown in Blue**) **to be furnished, assembled and installed by Moon Lake.**
9. Clearance requirements, as per National Electrical Safety Code, shall not be less than 12.5 ft. across residential property and residential driveways. Clearance shall not be less than 15 ft. across alleys, parking lots and non-residential driveways.

SERVICE EQUIPMENT	MINIMUM CONDUCTOR SIZE		MINIMUM CONDUIT SIZE
	Alumimum	Copper	
Ratings in Amperes			Rigid Only
100	2 AWG	4 AWG	2"
200	4/0 AWG	2/0 AWG	3"
400	350 MCM	250 MCM	3"

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 ENERGIZING THE SERVICE. CONSUMER MUST FURNISH A COPY OF THIS CERTIFICATION TO MOON LAKE.

REV. DESCRIPTION		 MOON LAKE ELECTRIC ASSOC., INC. Roosevelt, Utah 84066		DRAWING #		
0	ISSUED FOR USE.				SERVICE ENTRANCE SPECIFICATIONS OVERHEAD & ABOVE ROOF LINE	
DRN BY -	M. TERVORT	DATE -	09/13/2023	SCALE -	N.T.S.	OH-3
CHRG -		APPRD -	M. TERVORT			