DAHLBERG LIGHT AND POWER CO. RESIDENTIAL OVER HEAD SERVICE SERVICE ENTRANCE LOCATED ON A BUILDING

GUIDELINE ONLY Mast Riser Should Extend NOT Less Than 3' or more than 4' above the roof unless anchored. 2" X 4" Blocking 0 Company wires 3 feet Minimum 🖊 clearance Mast Type Riser Pipe Straps Meter Socket The neutral wire must be Continuous one piece from the L. B. Conduit service head to the circuit breaker load center Ground Wire (100 AMP Minimum) **** No Part of the Service Entrance Shall ever be covered Grade or enclosed**** Below Grade Ground Rods must be outside NOTE: Ground wire shall terminate of the eave line. in customers distribution panel Ground Wire Clamp 8 FEET 6 FEET Ground Rods / (1/2 x 8' Copper weld or

THE OVERHEAD MAST SHALL BE 2" I.D. HEAVY WALL METAL CONDUIT. THE SERVICE HEAD SHALL BE ABOVE THE ROOF AND BE AT LEAST 12 FEET ABOVE THE FINISHED GRADE. IF THE MAST DOES NOT EXTEND THROUGH THE ROOF, SCHEDULE 80 ELECTRIC PVC MAY BE USED.

Equivalent)

THE SERVICE ENTRANCE CIRCUIT BREAKER ENCLOSURE IS TO BE LOCATED AT THE POINT WHERE THE SERVICE ENTRANCE CONDUCTORS ENTER THE BUILDING AND IT MUST BE DEAD FRONT AND 100 AMP MINIMUM.

A MINIMUM OF 2' LEAD WIRE MUST BE LEFT COMING OUT OF THE MAST HEAD FOR THE COMPANY TO CONNECT ITS WIRES.

METER SOCKET HEIGHT:--- MEASURED FROM FINISHED GRADE TO CENTER OF SOCKET

MAXIMUM HEIGHT: 6 FEET

MINIMUM HEIGHT: 4 FEET, 6 INCHES