

1.4 AVAILABILITY OF SERVICE

It is important that Avista be provided, as soon as possible, with accurate load information and other requested data before the purchase or installation of equipment and wiring. This will allow Avista to determine the availability of service, service location and available voltage.

1.5 SERVICE AGREEMENT

For new installations a signed service agreement and payment is required before Avista's work can be scheduled.

1.6 POINT OF DELIVERY

The point of delivery is the location where Avista's service conductors and the Customer's service entrance conductors are connected. Avista requires a building be served using a single point of delivery, supplied through a single meter installation, at a single voltage and phase classification unless permitted by exception.

- Avista owns, installs, and maintains equipment on the source side of the point of delivery as well as the meter and instrument transformers. The Customer is responsible for the equipment on the load side.
- Buildings, subdivided into individual tenant spaces, require multiple meters for the individual tenants. The service entrance conductors for these meters must be fed from a main disconnect, switch board or bussed together to provide a single point of delivery.
- Metering equipment is located outside of building as close as practical to the point of delivery, but in no case more than 25 feet.
- The customer is responsible for providing equipment to Avista specifications needed to provide one point of connection. See the Residential, Commercial Sections or Spokane Network Service section for acceptable point of delivery equipment.
- The point of delivery is to be located outside and above ground except in the Spokane Downtown Network. Avista will no longer pull underground secondary conductors through an outside wall or through a slab into a customer's building or structure. The point of delivery will be on the outside wall in a customer provided Pulling/termination enclosure or free standing pulling enclosure mounted on (2) 2 inch rigid steel pipe (in concrete) with unistrut as needed and must be within 25 feet of metering equipment. An underground service over 1200 amps will require outside mounted switch gear if multiple meters are needed and the transformer is not dedicated to one service.

Note: Contact with the appropriate Avista representative during the early planning and design phase of a project is recommended to help alleviate costly and time consuming modifications (made by the customer) and required by the utility to meet these requirements.

Exceptions Allowing Multiple Services:

Exceptions require prior written approval by Avista and if required, approval by the Authority Having Jurisdiction: Additional services may be subject to Exceptional Costs.

- Buildings with multiple privately owned townhouses or zero lot line construction must be provided with an individual point of delivery for each premise.
- Single buildings that are sufficiently large to make two or more services necessary. For example it may be impractical to serve an industrial plant with a single service that has sufficient capacity for any and all future loads. It may also be impractical to design long feeders with acceptable voltage drops. Voltage drop calculation per National Electrical Code shall be provided by the customer to confirm this problem.

- Large commercial multi-story buildings require a single point of delivery. Metering for individual premises may be provided with a minimum number of meter rooms located on various floors if it is impractical to design long feeders with acceptable voltage drop. Voltage drop calculation per National Electrical Code shall be provided by the customer.
- Buildings designed for multiple services to supply enhanced reliability.
- At the request of a Customer, multiple buildings or structures in close proximity used in a single integrated commercial, industrial, or institutional enterprise can be considered a single premise and served from a single point. In this case the Customer shall own and be responsible for installation, operation and maintenance of the electrical distribution system between buildings. Under some circumstances Avista may provide, own and maintain this system under an agreement.
- Existing single space buildings sub-divided into two or more separate buildings having two or more separate addresses due to installations of approved fire-walls and parapets shall still be considered as a single building to be served through single point metering unless such walls are load bearing. In the event that separation is due to a load bearing wall, Avista will recognize the previous single space building as two or more completely separate buildings and allow a single point of service to each buildings.
- Fire pumps may be fed with a separate service terminating at a Manual Circuit Closing (MCC) meter socket, and be within 25' of the building service. See **Section 4.2.1**.
- Where multiple services supply a building, meters shall be clearly marked with phenolic labels.
- Buildings accommodating multiple services that have walls moved such as strip malls, the electrical services must be altered to match new space and preapproved by Avista representative.

Location

Contact an Avista Construction Representative to determine the location of the point of delivery and meter before installing any equipment. Avista provides service locations based on capacity requirements, service quality, safety, access, and cost. All of the following will be considered when determining the location for the point of delivery.

- Overhead point of delivery at a location with line of site to Avista's facilities.
- For accessibility it should be installed outside in an unlocked area. Enclosed patios, porches, carports, and fenced areas which prevent access must be avoided. Fenced areas accessible by Avista must be preapproved by Avista representative.
- Provide required clearances from and over present and future buildings, garages, driveways, parking areas etc. for overhead service conductors.
- Provide required clearances from buried objects, like septic systems, drain fields and fuel tanks for underground service conductors.
- Avista will not route underground primary URD cable or service wire under buildings. Any building built over existing underground primary or secondary conductor will not be energized until overbuilt conductor is moved at customer expense. Reference: **NESC 351 C2**.
- Altered Services – normally do not require relocation unless there are serious conflicts with Avista's service location requirements. For example serious conflicts would be failure to meet code required clearances, critical access, or safety concerns.
- Preferred Residential Locations
- For overhead installations, temporary service meter must be located on the same side of the building as the permanent service location.

Failure to install service entrance in a location approved by Avista could result in customer having to move equipment at their expense