

## **VII POWER AND BURIED WIRES**

1. GENERAL
2. DEPTH OF BURY
3. WIRE LOCATION
4. BEDDING
5. MARKING TAPE
6. SEPARATION FROM OTHER UTILITIES
7. LINE IN PUBLIC RIGHTS-OF-WAY
8. CROSSING OTHER UTILITIES

## POWER & BURIED WIRES

### MINIMUM REQUIREMENTS

#### 1. GENERAL

All buried power, phone, cables, and other buried wires installed within the City of Ouray shall conform with these basic requirements and with the requirements of the appropriate utility owner. Before installation of any buried utility, installer shall have the approval of the City and the utility owner and shall obtain all necessary permits. All work within City right-of-way shall also conform with all applicable City requirements.

#### 2. DEPTH OF BURY

Primary power shall have a consistent depth of bury at four (4) feet below finished grade. Secondary power shall have a depth of bury of at least two (2) feet below finished grade. Other wires such as phone and cable shall have a minimum bury of two (2) feet below finished grade.

#### 3. WIRE LOCATIONS

Primary power shall be located four (4) feet inside the property line within the utility easement. Secondary power and phone shall be located at six (6) feet inside the easement. Variances from these locations will require express approval of the City.

#### 4. BEDDING

All wires and PVC encasements shall be bedded in select bedding material for a minimum of six (6) inches around the wires and pipe. If the native materials are rocky, overexcavation of six (6) inches of material and replacement with select material is required.

#### 5. MARKING TAPE

Marking tape shall be placed about the primary power consistently two (2) feet above the wires or pipe as applicable.

#### 6. SEPARATION FROM OTHER UTILITIES

Minimum separation between primary power and water, sewer, gas, and irrigation shall be a minimum of five (5) feet horizontal. Minimum separation between primary power and phone and cable shall be two (2) feet minimum horizontal.

## 7. LINE IN PUBLIC RIGHTS-OF-WAY

When power lines are in public rights-of-way, they shall be encased in schedule 80 PVC pipe for the entire length that the wires are inside the right-of-way.

## 8. CROSSING OTHER UTILITIES

When power lines cross other utilities, the power lines shall be encased for at least five (5) feet on either side of the crossing in Schedule 80 PVC pipe.