



**TRENCH NOTES**

1. THE CUSTOMER IS RESPONSIBLE FOR DIGGING, BACKFILLING, AND COMPACTING TRENCHES.
2. ALL DIMENSIONS SHOWN ARE RELATIVE TO FINAL GRADE. ALL COVERAGE DEPTHS AND SPACING DIMENTIONS ARE MINIMUMS.
3. TO THE EXTENT POSSIBLE, TRENCHES SHALL BE STRAIGHT LINES.
4. THE BOTTOM OF THE TRENCH AND BACKFILL WITHIN 6 INCHES OF ELECTRICAL CONDUIT SHALL BE FREE OF ROCKS LARGER THAN 1.5 INCHES, DEBRIS, PAVING MATERIAL, SHARP ANGULAR OBJECTS, OR CORROSIVE MATERIALS THAT MAY DAMAGE THE CONDUIT OR PREVENT ADEQUATE COMPACTION OF BACKFILL. IF TRENCH BOTTOM CONTAINS ROCKS EXCEEDNG THIS LIMIT, THE TRENCH SHALL BE OVEREXCAVATED BY 6 INCHES AND THEN BEDDED WITH 6 INCHES OF ACCEPTABLE MATERIAL, AND COMPACTED PRIOR TO INSTALLING THE CONDUIT.
5. KEEP THE SPOILS PILE AT LEAST 24 INCHES AWAY FROM THE EDGE OF THE TRENCH.
6. MINIMUM COVER AND TRENCH DEPTH REQUIREMENTS SHALL BE INCREASED BY 12 INCHES AT UNDEVELOPED LOCATIONS WITHOUT FINAL GRADE STAKES. CUSTOMER OR DEVELOPER IS RESPONSIBLE FOR PROVIDING FINAL GRADE, AND WILL BE RESPONSIBLE FOR ANY COSTS ASSOCIATED WITH RELOCATION OF UNDERGROUND FACILITIES DUE TO SUBSEQUENT GRADE CHANGE.
7. TRENCHES 48 INCHES OR MORE IN DEPTH INTO WHICH A WORKER MUST ENTER SHALL HAVE ADEQUATE PROTECTION PROVIDED PER WAC 296-155.
8. TO ALLOW FOR ADEQUATE COMPACTION, ALL CONDUIT SHALL BE INSTALLED A MINIMUM OF 1 INCH FROM THE SIDES OF THE TRENCH.
9. CONTROLLED DENSITY BACKFILL IS REQUIRED UNDER ALL PAVED STREET SURFACES.
10. ALL ELECTRICAL TRENCHES MUST BE INSPECTED AND APPROVED BY PW&U LIGHT OPERATIONS PRIOR TO BACKFILLING.
11. SCHEDULE TRENCHING SO THE TRENCH IS OPEN FOR THE SHORTEST PRACTICAL TIME TO AVOID CREATING A PUBLIC HAZARD, AND TO MINIMIZE THE POSSIBILITY OF THE TRENCH COLLAPSING DUE TO OTHER CONSTRUCTION ACTIVITY, RAIN, ETC.

**LEGEND**

- ES - ELECTRIC SECONDARY
- EP - ELECTRIC PRIMARY
- T - COMMUNICATIONS
- TV - CABLE TV



Date: 9/09

City Engr:

Elec. Engr:

*[Handwritten signature]*

**TRENCHING: PRIMARY, SECONDARY,  
TV, & TELCO DEPTH**

CITY OF PORT ANGELES  
ELECTRICAL ENGINEERING SPECIFICATION

**FIGURE**

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