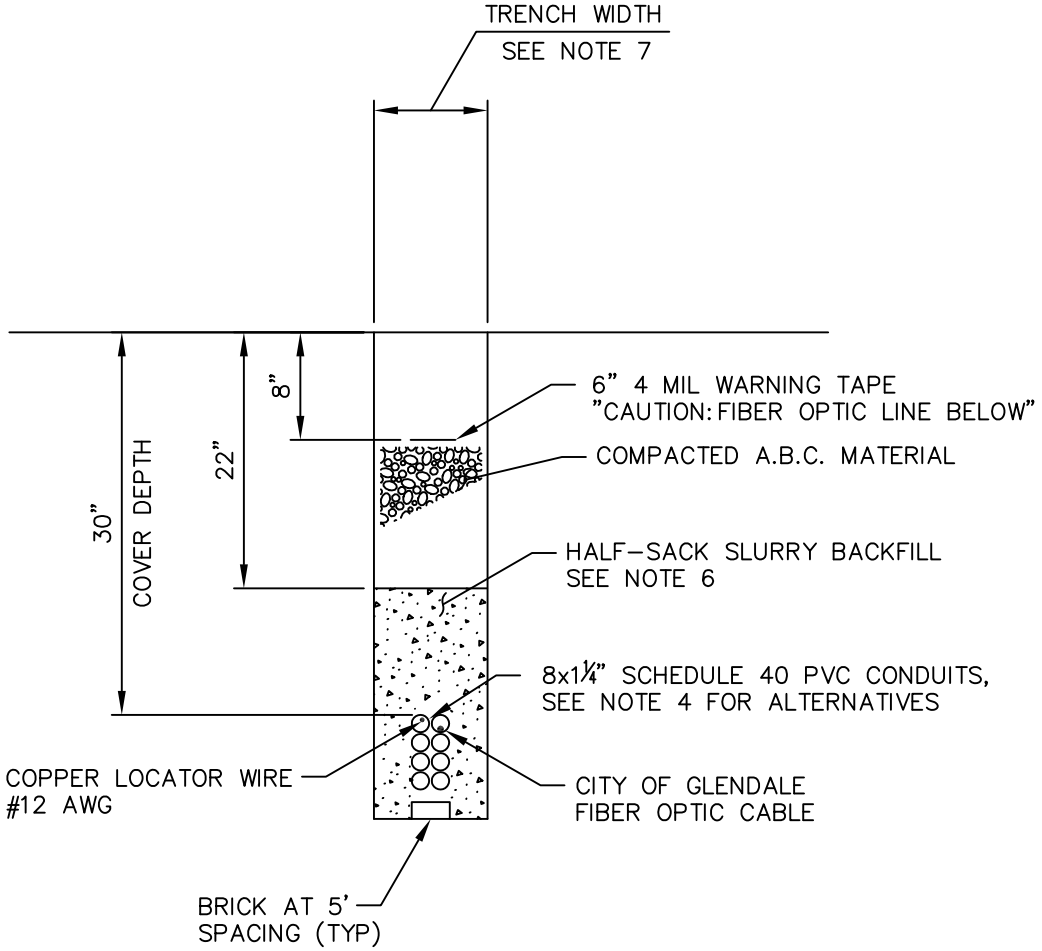


GENERAL NOTES:

1. TRENCH DEPTH VARIES BASED ON CONFLICTS WITH EXISTING UTILITIES.
2. PROVIDING A TRENCH THAT IS A MINIMUM OF 38 INCHES DEEP INCLUDES INSTALLING FIBER OPTIC DUCT AND PROVIDING BACKFILL, PAVEMENT, AGGREGATE BASE COURSE COMPLETE IN PLACE. THIS ITEM SHALL PROVIDE A MINIMUM COVER DEPTH OF 30 INCHES OVER THE CONDUIT DUCT. ALL WARNING TAPE, CONDUIT SPACERS, BRICKS, AND COMPACTION WILL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED INCIDENTAL TO THE UNIT PRICE OF THE CONDUIT.
3. DIRECTIONAL DRILLING OR BORING SHALL BE ALLOWED WITH ENGINEERS PRIOR APPROVAL.
4. IF THE CONDUIT ROUTING IS MODIFIED TO CROSS AN EXISTING PORTLAND CEMENT CONCRETE DRIVEWAY THE CONDUITS SHALL BE PLACED BY BORING.
5. ALL CONDUIT BENDS SHALL BE CONCRETE ENCASED FOR A MINIMUM OF TWO (2) FEET BEYOND EACH END OF THE BEND.
6. A ½ SACK OF CEMENT SLURRY BACKFILL SHALL BE USED WHEN BACKFILLING CONDUITS INSTALLED IN A TRENCH IN EARTH. CLASS "A" CONCRETE SHALL BE USED AS BACKFILL FOR ALL CONDUITS INSTALLED UNDER PAVEMENT. CONDUITS SHALL BE SUPPORTED AND ANCHORED IN THE TRENCH PRIOR TO BACKFILLING WITH THE CEMENT SLURRY OR CLASS "A" CONCRETE.
7. TRENCH WIDTH MAY NOMINALLY VARY FROM 6 INCHES TO 8 INCHES AND SHALL NOT EXCEED 10 INCHES.
8. A SINGLE CONTINUOUS INSULATED COPPER LOCATOR WIRE #12 AWG SHALL BE INSTALLED ALONG THE ENTIRE LENGTH OF THE CONDUIT RUN.
9. PULL NEW FIBER OPTIC CABLE WITH NEW INNERDUCTS.
10. THE MINIMUM CEMENT CONTENT OF CLASS A CONCRETE IS 520 LBS. PER CUBIC YARD. THE MINIMUM COMPRESSIVE STRENGTH AS TESTED IN ACCORDANCE WITH ASTM C-39 SHALL BE 2400 PSI AT 14 DAYS AND 3000 PSI AT 28 DAYS. THE MAXIMUM SLUMP IS 5 INCHES WHEN TESTED IN ACCORDANCE WITH ASTM C-143.

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| SIGNATURES ON FILE | GLENDALE | CITY OF GLENDALE<br>TRAFFIC SIGNAL AND ITS STANDARDS<br>ITS TRENCH DETAIL<br>IN UNPAVED AREAS | REVISION:<br>4/2011<br>T2-8 |