

NOTES:

1. TRAVELED ROADS OR ROAD SHOULDERS THAT ARE NOT PAVED SHALL BE BACKFILLED WITH CLASS E MATERIAL COMPACTED TO 90% MAX. DENSITY. THE FINISH SURFACE SHALL MATCH THE CONDITIONS WHICH EXISTED PRIOR TO CONSTRUCTION.
2. ANY CONDITIONS OF AN ENCROACHMENT OR RIGHT-OF-WAY PERMIT WHICH MAY DIFFER FROM THE ABOVE WILL GOVERN IN APPLICABLE AREAS.
3. FOR UNSUPPORTED TRENCHES, OR THOSE TRENCHES SUPPORTED BY HYDRAULIC JACKS, THE ALLOWABLE TRENCH WIDTH SHALL BE LIMITED TO THE PIPE DIAMETER PLUS 12-INCHES (MINIMUM) OR THE PIPE DIAMETER PLUS 24-INCHES (MAXIMUM). WHEN MOVEABLE TYPE TRENCH SHIELDS ARE USED, THE SHIELD SHALL REST ON TOP OF A SHELF CONSTRUCTED ABOVE THE TOP OF THE PIPE AND TO THE SIDE. THE TRENCH WIDTH FROM THE TOP OF THE PIPE DOWN SHALL BE THE SAME AS FOR UNSUPPORTED TRENCHES. THE TRENCH WIDTH ABOVE THE TOP OF THE PIPE SHALL BE AS REQUIRED FOR THE MOVEABLE SHIELD AND SHELF. WHERE MOVEABLE TRENCH SHIELDS ARE USED BELOW THE TOP OF PIPE, THE TRENCH WIDTH SHALL BE A MINIMUM OF 2-1/2 PIPE DIAMETERS ON EITHER SIDE OF THE PIPE. THIS IS TO PREVENT DISTURBING THE PIPE OR ITS EMBEDMENT WHILE PULLING THE SHIELD FORWARD. ALL TRENCHING MUST CONFORM TO OSHA TRENCHING AND EXCAVATION SAFETY SPECIFICATIONS, AS ADOPTED BY CITY COUNCIL.
4. BURIED WARNING AND IDENTIFICATION TAPE SHALL BE POLYETHYLENE PLASTIC, METALLIC CORE DETECTABLE MARKING TAPE. AWWA, APWA, ACID AND ALKALI RESISTANT, PERMANENT MARKING, UNAFFECTED BY MOISTURE OR SOIL, MINIMUM FIVE (5) MILS THICK BY 3-INCHES WIDE. WARNING TAPE SHALL BE MANUFACTURED SPECIFICALLY FOR LOCATING, WARNING, AND IDENTIFICATION OF BURIED UTILITY LINES. APWA COLOR CODED PURPLE FOR RECLAIMED WATER WITH WARNING AND IDENTIFICATION IMPRINTED IN BOLD BLACK LETTERS CONTINUOUSLY OVER THE ENTIRE TAPE LENGTH. WARNING AND IDENTIFICATION TO READ, "CAUTION: BURIED RECLAIMED WATER LINE BELOW" OR SIMILAR.
5. CLASS C BACKFILL PER SSPWC SECTION 200.03.04 MAY BE USED UNDER SPECIAL CONDITIONS WITH RECOMMENDATION BY THE DESIGN ENGINEER AND APPROVAL BY THE CITY OF SPARKS.

STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION

DRAWING No.



TYPICAL TRENCH SECTION
(RECLAIMED WATER
TREATED EFFLUENT)

S-504B

APPROVED BY: JE | DATE: 1/2020