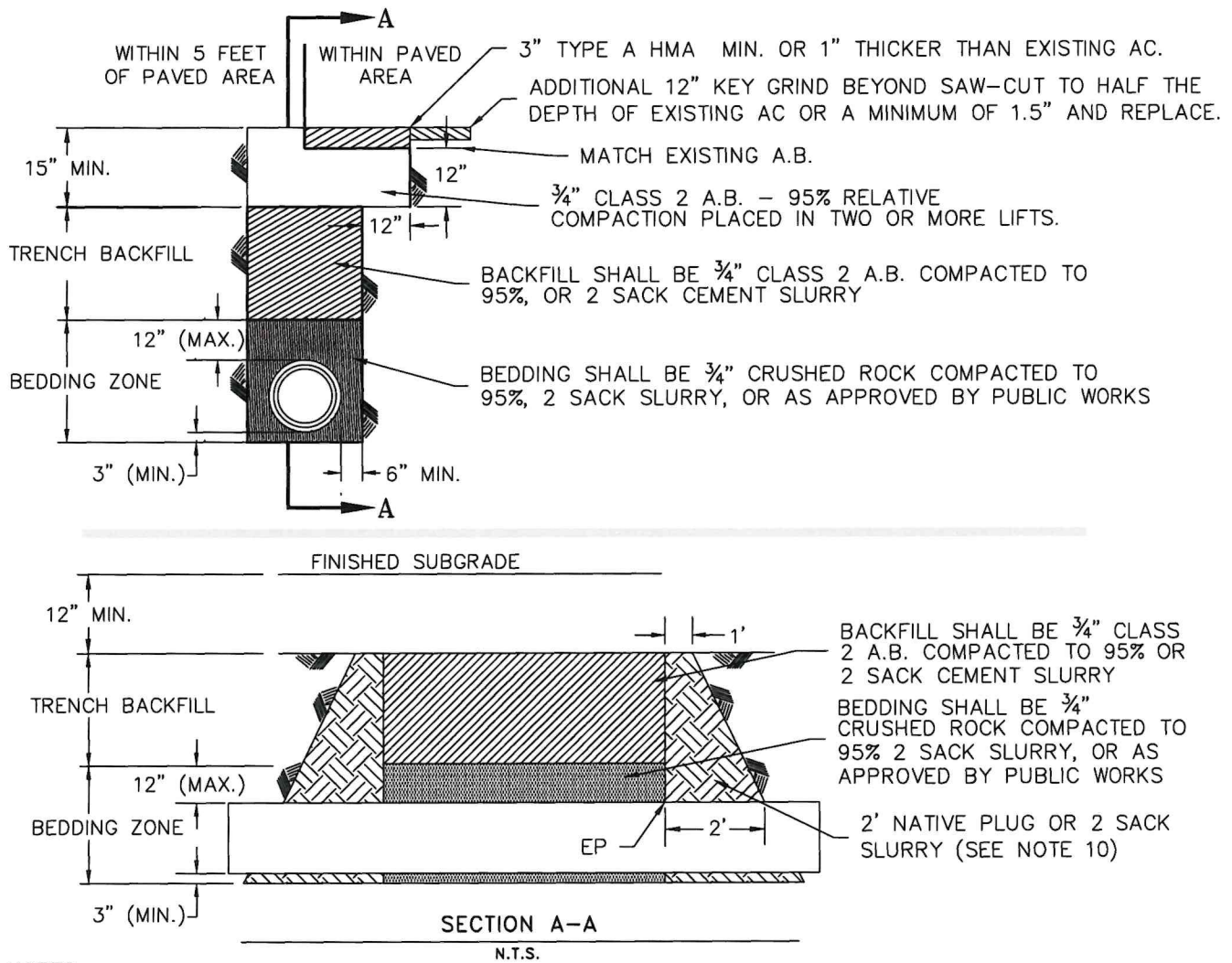


**TRENCH REQUIREMENTS IN EXISTING PAVED AREAS
AND WITHIN 5 FEET OF EXISTING PAVED AREAS**



NOTES:

1. ENCROACHMENT PERMIT REQUIRED PRIOR TO CONSTRUCTION IN COUNTY RIGHT OF WAY.
2. CERTIFICATION OF TRENCH BACKFILL COMPACTION IS REQUIRED PRIOR TO PLACING AB ON FINISHED SUBGRADE.
3. SAWCUT INITIAL TRENCH WIDTH, THEN 30 DAYS AFTER WORK HAS BEEN COMPLETED, SAWCUT OR GRIND 12" ADDITIONAL ON BOTH SIDES OF TRENCH, THEN A MINIMUM KEY GRIND (1.5" MIN. DEPTH) OF 15'. APPLY TACK COAT PRIOR TO PAVING.
4. ALL TRENCH WORK 5 FEET AND DEEPER SHALL CONFORM TO SECTION 8.4 OF THE YUBA COUNTY STANDARDS AND CAL. OSHA STANDARDS.
5. PLASTIC PIPE INSTALLATION SHALL BE IN ACCORDANCE WITH ASTM 2321.
6. MINIMUM COVER OVER UTILITIES SHALL BE 1' BELOW FINISHED SUBGRADE OR 2' BELOW FINAL GRADE, WHICHEVER IS GREATER.
7. CONTRACTOR SHALL PROVIDE COMPACTION TESTS BY AN INDEPENDENT GEOTECHNICAL FIRM TAKEN 200' APART ON LONGITUDINAL TRENCHES PRIOR TO PLACEMENT OF MATERIAL FOR HIGHER LIFTS. SUBSEQUENT TESTS SHALL BE MIDWAY BETWEEN PREVIOUS TEST SITES. MINIMUM OF 2 TESTS PER LIFT ON CROSS TRENCHES. THE TOP 1' OF SUBGRADE FOR ALL TRENCHES SHALL BE TESTED FOR COMPACTION REQUIREMENT IN ADDITION TO THE RANDOM SUBGRADE TEST SITES.
8. CONTRACTOR SHALL REMOVE MATERIAL NOT MEETING COMPACTION REQUIREMENTS AND HAVE A GEOTECHNICAL ENGINEER PROVIDE RECOMMENDATION ON AN ALTERNATIVE BACKFILL TO BE APPROVED BY THE ENGINEER OR PUBLIC WORKS.
9. TRENCH REQUIREMENTS SHALL CONFORM TO THE MOST STRINGENT STANDARDS OF EITHER THE COUNTY OR UTILITY COMPANY.
10. NATIVE PLUG MATERIAL SHALL BE APPROVED BY PUBLIC WORKS PRIOR TO USE.

YUBA COUNTY
DEPARTMENT OF PUBLIC WORKS

CULVERT DETAILS

APPROVED BY:

DATE:

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