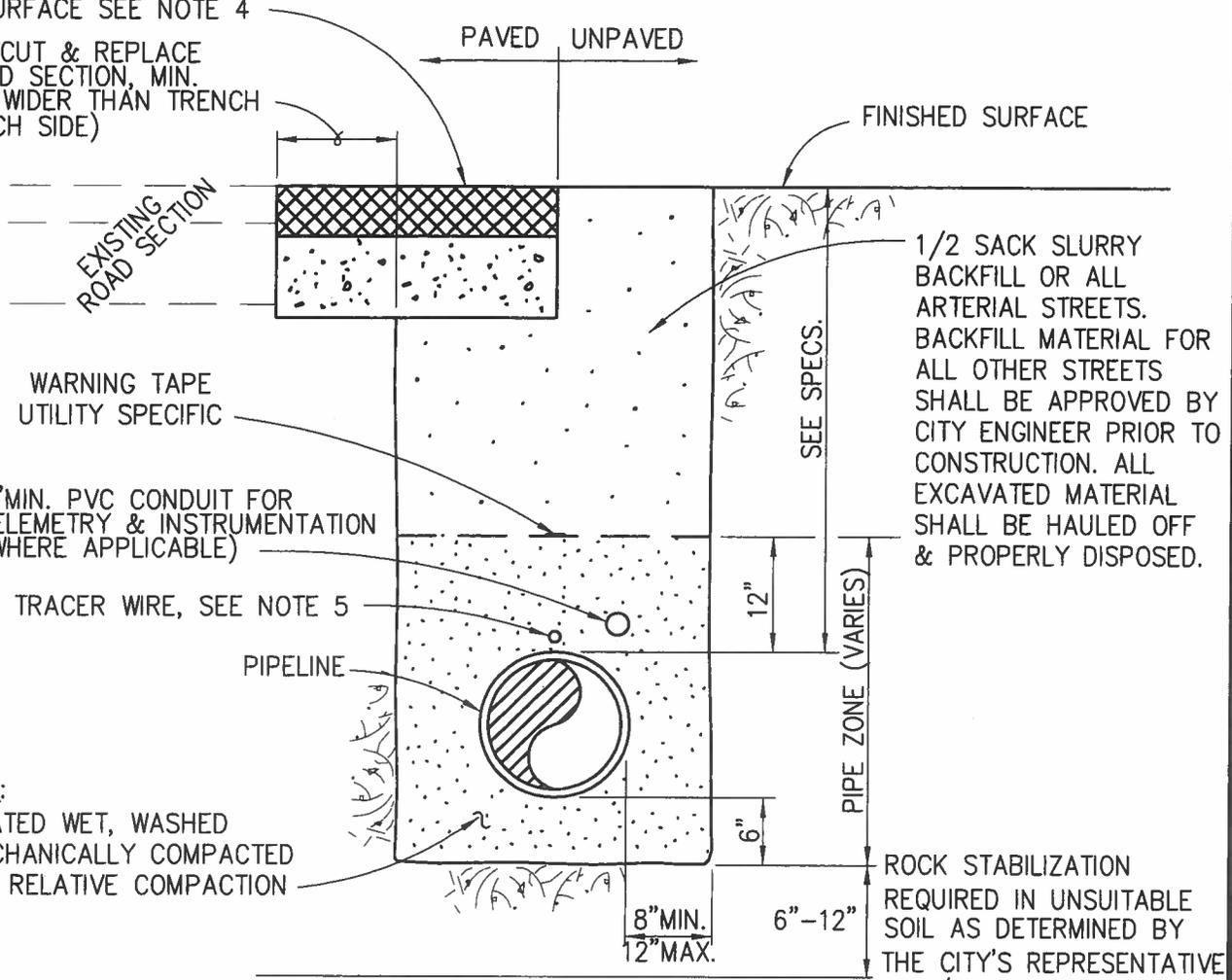


AC FINISH SHALL BE A SMOOTH CONTINUATION OF ADJACENT AC SURFACE SEE NOTE 4

SAWCUT & REPLACE ROAD SECTION, MIN. 12" WIDER THAN TRENCH (EACH SIDE)



PIPE ZONE:
CONSOLIDATED WET, WASHED SAND, MECHANICALLY COMPACTED TO 90% RELATIVE COMPACTION

ROCK STABILIZATION REQUIRED IN UNSUITABLE SOIL AS DETERMINED BY THE CITY'S REPRESENTATIVE AND/OR SOILS ANALYSIS.

ELEVATION

NTS

NOTES:

1. AC FINISH SURFACE SHALL BE A SMOOTH CONTINUATION OF ADJACENT AC SURFACE.
2. CONTRACTOR SHALL REFER TO CITY OF SANTA PAULA AC PAVEMENT TRENCH RESURFACING STD. 425.
3. DEPENDING UPON THE CLASSIFICATION OF THE STREET, A CEMENT SLURRY BACKFILL MAY BE REQUIRED.
4. DEPENDING UPON THE CLASSIFICATION OF THE STREET, A COLD PLANED AC PATCH MAY BE REQUIRED.
5. #10 PLASTIC COATED SOLID CORE COPPER TRACER WIRE TAPED TO MAIN EVERY 10' WITH POLY TAPE WHEN PVC PIPE IS INSTALLED.



CITY OF SANTA PAULA - PUBLIC WORKS DEPARTMENT

STANDARD PLAN

**TRENCH SECTION FOR
DI, PVC AND STEEL PIPE**

103

APPROVED BY:

Clifford G. Finley
PUBLIC WORKS DIRECTOR / CITY ENGINEER

1-28-09
DATE

SHEET 1 OF 2

1. PIPE DEPTH: DEPTH OF PIPES SHALL CONFORM TO THE FOLLOWING SCHEDULE UNLESS NOTED OTHERWISE ON THE PLANS:
 UP TO 12" DIAMETER-42" COVER
 UP TO 24" DIAMETER-48" COVER
 OVER 24" DIAMETER-AS SHOWN ON THE PLANS
2. SELECTED MATERIAL FOR PIPE BEDDING AND PIPE ZONE: SELECTED MATERIAL FOR PIPE BEDDING AND PIPE ZONE BACKFILL SHALL BE SELECTED NATIVE MATERIAL FREE FROM CLODS, STICKS, VEGETATION, CHUNKS OF ASPHALT PAVING, OR OTHER DELETERIOUS MATERIALS AND SHALL BE FREE OF ROCKS OR STONES WHICH ARE LARGER THAN 3/4 INCH IN GREATEST DIMENSION. NATIVE MATERIAL MAY ONLY BE USED IF THESE REQUIREMENTS ARE MET AND/OR APPROVED BY THE CITY'S REPRESENTATIVE. OTHERWISE SAND CONFORMING TO THESE SPECIFICATIONS SHALL BE WASHED SAND ONLY.
3. SAND: SAND MATERIAL SHALL BE CLASSIFIED AS "WASHED SAND" FOR BEDDING, PIPE ZONE, AND BACK FILL PURPOSES. IF SAND IS TO BE USED FOR PIPE BEDDING OR PIPE ZONE, IT SHALL BE FREE FROM FOREIGN MATERIALS SUCH AS ROCKS, STICKS, VEGETATION, ETC., AND SHALL MEET THE FOLLOWING GRADATION:

SIEVE SIZE	PERCENTAGE PASSING (BY WEIGHT)
3/8 INCH	100
NO. 4	75 - 100
NO. 30	12 - 50
NO. 100	5 - 20
NO. 200	0 - 10

4. AGGREGATE BASE: IF AGGREGATE IS REQUIRED FOR PIPE BEDDING FOUNDATION, IT SHALL BE NO. 67 CRUSHED AGGREGATE AS DEFINED BY ASTM D 448 AND SHALL BE FREE FROM FOREIGN AND ORGANIC MATTER.
 GRADATION - ASTM D-448 (NO. 67)

SIEVE SIZE	PERCENTAGE PASSING (BY WEIGHT)
1 INCH	100
3/4 INCH	90 - 100
3/8 INCH	20 - 55
NO. 4	0 - 10
NO. 8	0 - 5

5. 1/2 SACK CEMENT SLURRY BACKFILL: CLASS 100-E-100 IN ACCORDANCE WITH THE 2 SACK STANDARD
6. ASPHALT PAVEMENT: ASPHALT CONCRETE PAVING SHALL CONFORM TO STANDARD DRAWING ES005, NOTE 6.
7. COMPACTION TESTS: COMPACTION TESTS WILL BE MADE BY THE TESTING LABORATORY DESIGNATED BY THE CITY'S REPRESENTATIVE. THE NUMBER OF TESTS AND THEIR LOCATION AND DEPTH SHALL BE DETERMINED BY THE CITY'S REPRESENTATIVE. RELATIVE COMPACTION TESTS SHALL BE TAKEN IN ACCORDANCE WITH ASTM D-1556 OR AS APPROVED BY THE CITY'S REPRESENTATIVE. THE COST(S) OF THE TEST SHALL BE BORNE BY THE CONTRACTOR.



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SHEET 2 OF 2