



AMADOR WATER AGENCY CONVENTIONAL WASTEWATER SYSTEM CONNECTION

GENERAL REQUIREMENTS FOR BUILDING SEWER INSTALLATIONS (Improvement Districts #11 & #12)

1. Obtain an Application and Connection Permit from the Amador Water Agency (AWA).
2. Call AWA. 223-3018, 48 hours in advance for Sewer Location or Inspection.
3. An inspection of materials, installation, test of the building sewer, abandonment of existing septic tanks, shall be approved before backfilling the work.
4. Materials
 - a. Building sewers shall be - ABS Schedule 40, SDR 35, or approved equal.
 - b. Approved adapters shall be used at any change of materials.
5. Installation
 - a. Non-metallic sewer materials shall have a minimum cover of twelve (12) inches
 - b. Pipe Bedding - Building sewer piping shall be constructed on a firm bed of approved materials throughout its entire length. Approved materials are: clean sand, or pea gravel. Loose dirt, dust, mudstones and chunks of hardpan are not considered approved bedding materials. Pea gravel or $\frac{3}{4}$ " crushed rock shall be used for bedding in wet areas or areas of high groundwater.
 - c. Initial Backfill – Building sewer piping shall be backfilled with 6" of sand above pipe. Green metallic locating tape marked "sewer" shall be placed 6" above the sewer pipe.
 - d. Trenches paralleling a building footing shall be at least as far away from the footing as they are below it. But shall at no time be closer than 2-feet from the building footing.
 - e. Piping shall have a uniform minimum slope of one quarter ($\frac{1}{4}$) inch per foot away from the building. If the depth of the street sewer does not permit this slope, a sewer pipe four (4) inches or larger, may run at a slope of no less than one-eighth ($\frac{1}{8}$) inch per foot, and must be approved by AWA inspector.



6. Cleanouts

- a. A readily accessible cleanout shall be installed at the upper terminal of the building drain, and a cleanout shall be installed at the junction of the building drain and the house sewer, five feet outside the building line. When there is no upper terminal cleanout, an approved two-way cleanout may be installed at the junction of the building drain and sewer. Additional building sewer cleanouts shall be installed at intervals not to exceed one hundred feet in straight runs.
- b. Every change in alignment or grade twenty-two and a half (22 ½) degrees or greater in a building sewer shall be served by a cleanout.
- c. A cleanout shall be installed where the building sewer crosses the right-of way line and joins the service line.
- d. All cleanouts shall be extended to grade and securely capped. See attached Figure.

7. Building Sewer Test

- a. Building sewers shall be tested by plugging the building sewer at its point of connection with the public sewer or private sewage disposal system, and completely filling it with water to the highest point. The sewer shall be water tight at all points.
- b. A three (3) pound air test may be submitted for the water test on the building sewer. There shall be no leakage during a ten (10) minute test period.

8. Sewage Backflow Prevention Devices

- a. Houses with floor elevations less than one foot above the nearest sewer manhole, have the potential of sewage backing into the house, therefore it is necessary that a sewage backflow prevention device be installed.
- b. The homeowner is responsible for the backflow prevention device including but not limited to the:
 - Associated costs
 - Purchase
 - Installation
 - Maintenance

NOTES:

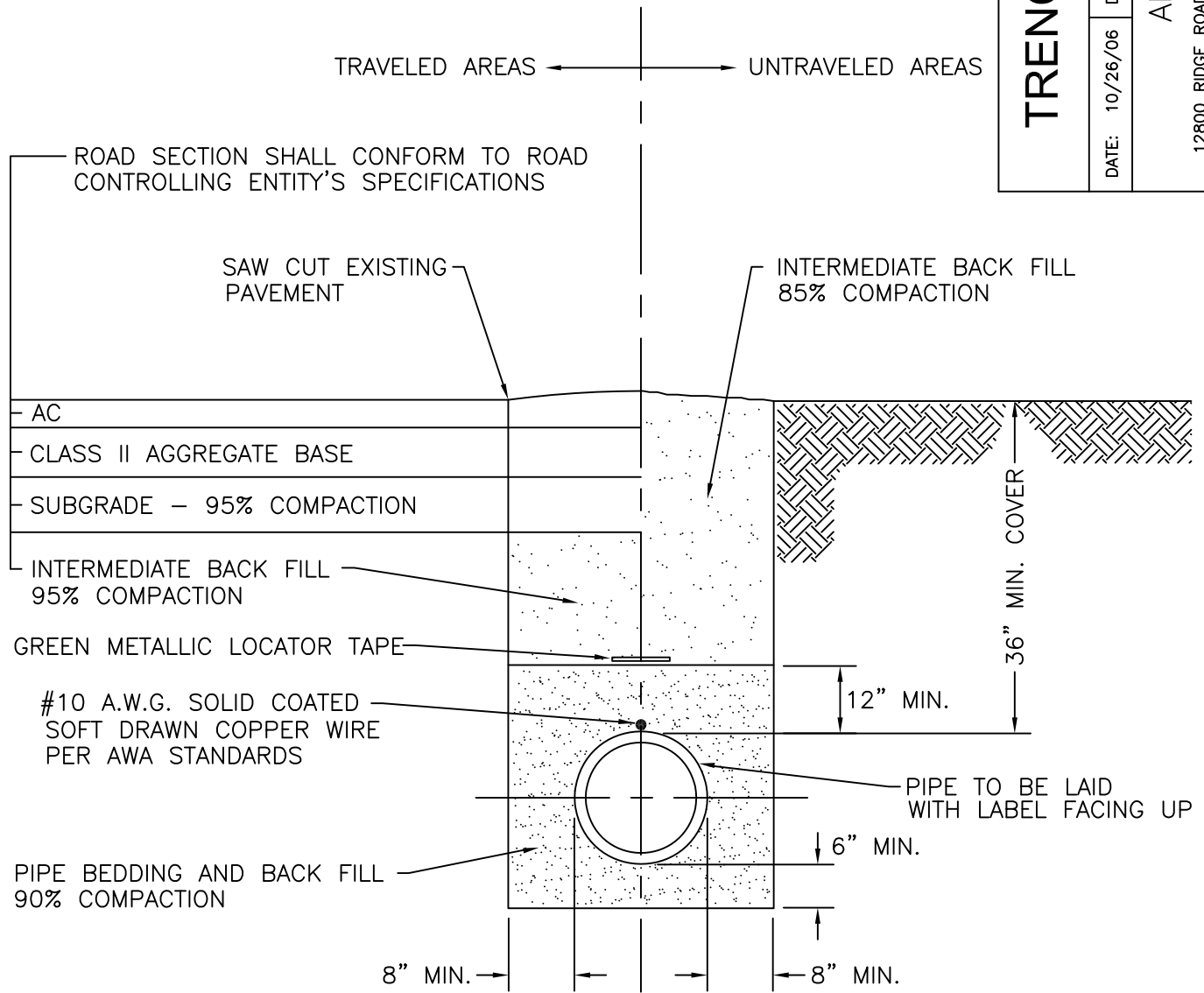
1. MINE TAILINGS ARE UN-ACCEPTABLE FOR ANY TRENCH BACKFILLING.
2. GREEN LOCATOR TAPE AT TOP OF SAND TO BE MARKED: "CAUTION - SEWER LINE BURIED BELOW".
3. LOCATING WIRE NOT REQUIRED ON PIPE SECTIONS LINEAR BETWEEN TWO MANHOLES

TRENCH BACKFILL DETAILS

DATE: 10/26/06 DRWN BY: BMC FILE: A0031 FIGURE: SS-1

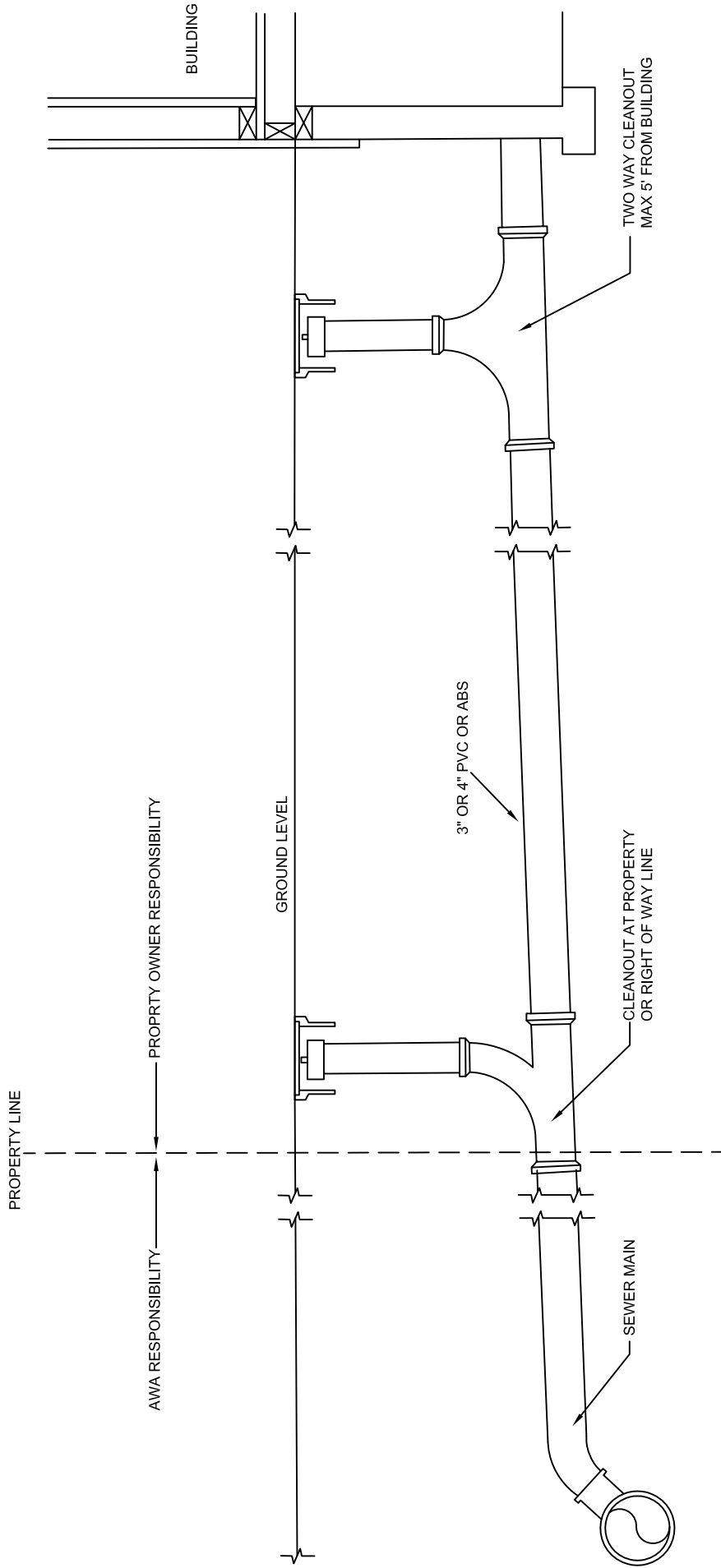
AMADOR WATER AGENCY

12800 RIDGE ROAD, SUITTER CREEK, CA 95685 (209) 223-3018



PIPE BEDDING: COMPLY WITH A.W.A. CONVENTIONAL WASTE WATER STANDARD SPECIFICATION 7.5

INTERMEDIATE BACK FILL: IMPORTED OR NATIVE MATERIAL WITH ALL ROCKS OVER 3" REMOVED AND FREE OF VEGETATIVE MATERIAL.



NOTES:

1. INSTALLATION MUST BE INSPECTED BEFORE BACKFILLING
2. ALL PLUMBING TO BE DONE IN ACCORDANCE WITH AWA STANDARDS AND THE LATEST EDITION OF THE UNIFORM PLUMBING CODE
3. A BACKFLOW PREVENTION DEVICE MAY BE NECESSARY PER SEWER ORDINANCE
4. PROVIDE CLEANOUTS AT EVERY BEND IN THE SEWER LINE 22 DEGREES OR GREATER

CONVENTIONAL SEWER GRAVITY SERVICE INSTALLATION (DRAFT)

DATE: 11/17/06 DRWN BY: SSW FILE: SS12 FIGURE: UNASSIGNED

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