

**PLASTIC SADDLE WYE FITTING (SOLVENT WELD)**

EXISTING PLASTIC SEWER

ADJUSTABLE STAINLESS STEEL STRAPS AND SCREWS

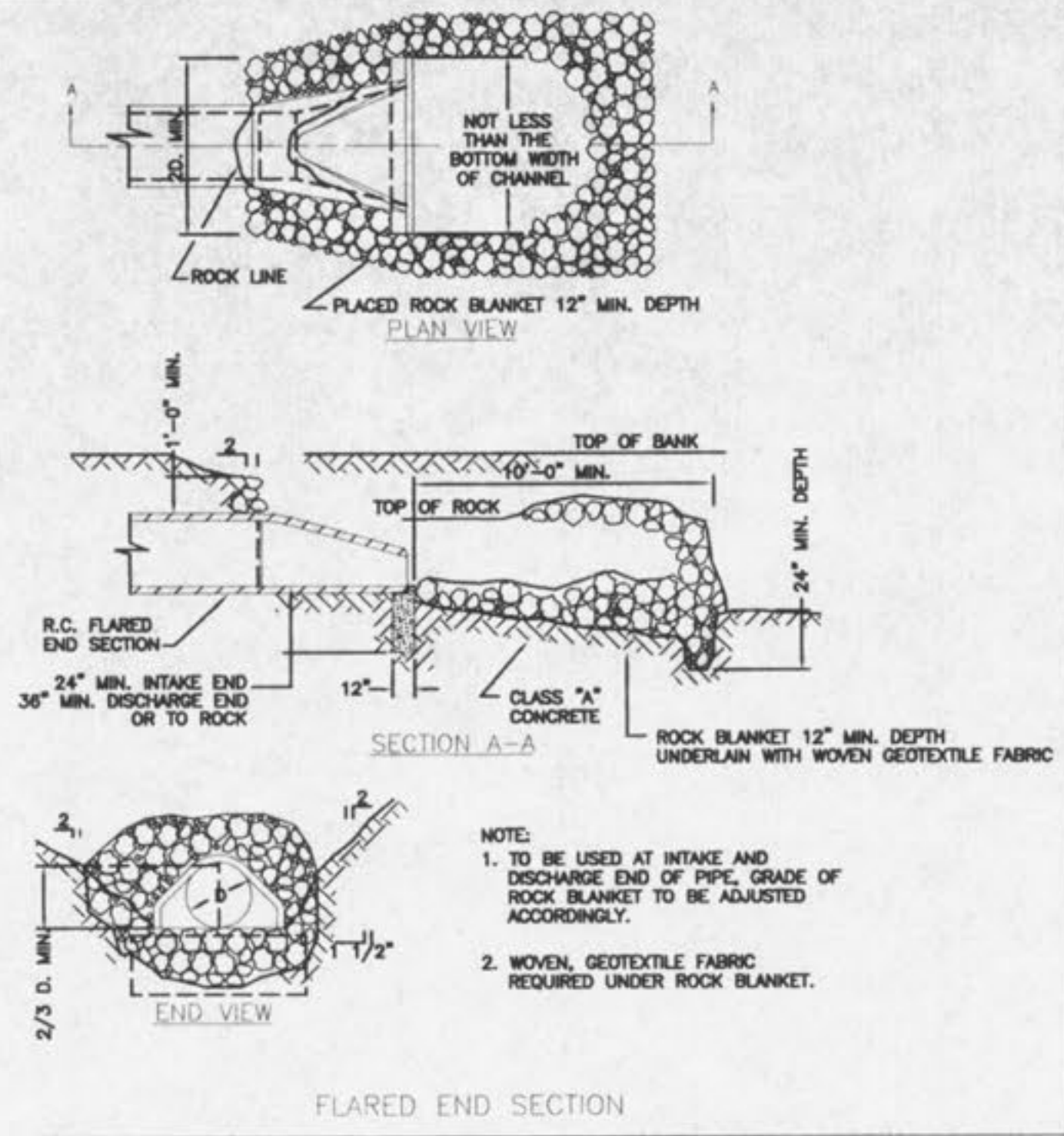
WHEN A CONNECTION TO A PLASTIC PIPE IS ALLOWED AND A CONNECTION IS LARGER THAN 4" IN DIAMETER, A SOLVENT WELD WYE FITTING OF A SIMILAR MATERIAL MUST BE USED. (EXAMPLE: 10" X 8")

THIS IS ACCOMPLISHED BY CAREFULLY CUTTING A HOLE WITH A SAW IN THE MAIN AT THE REQUIRED LOCATION. AFTER CUTTING AND SHAPING THE HOLE TO THE SIZE OF THE FITTING, THE FOLLOWING STEPS SHOULD BE TAKEN:

- CLEAN AND DRY BOTH INSIDE SADDLE WYE SURFACE AND PIPE SURFACE TO BE SOLVENT CEMENTED.
- IMPORTANT: APPLY A LIBERAL, HEAVY COAT OF A ONE-STEP SOLVENT CEMENT TO THE INSIDE SURFACE OF THE SADDLE WYE AND TO THE EXTERIOR WELDING SURFACE TO THE PIPE.
- WITHOUT DELAY, MATE THE SURFACES AND STRAP DOWN TIGHTLY. A BEAD OF SOLVENT SHOULD APPEAR AFTER SADDLE HAS BEEN STAPPED DOWN TIGHTLY.
- USING A RAG OR PAPER TOWEL, WIPE BEAD AND ANY EXCESS SOLVENT CEMENT OFF PIPE AND SADDLE.
- ALLOW 30-60 MINUTES FOR SET-UP TIME BEFORE BACKFILLING. CURE TIME DEPENDS ON SIZE AND FIT OF MATERIALS BEING INSTALLED AND VARIOUS COLD DAMP CONDITIONS.
- DISCARD OLD SOLVENT IF IT BECOMES JELLED OR LUMPY.
- A CLEAN, DRY BEDDING MATERIAL IS REQUIRED AROUND THE COMPLETED CONNECTION BEFORE BACKFILLING. THE BEDDING MATERIAL SHOULD BE ONE OF THE FOLLOWING:
  - A. M.S.D. #1 BEDDING
  - B. 1 TO 3 CEMENT TO SAND MIX
  - C. TYPE-III CONCRETE

8" (8 LARGER) CONNECTION TO PLASTIC MAIN

*WYES ONLY - NO TEES ALLOWED*



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**HAMPTON WOODS**  
CONSTRUCTION DETAILS

Prepared For:  
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| REVISIONS | NO.      | DATE | BY                 | PER CITY OF FALLON |
|-----------|----------|------|--------------------|--------------------|
| 1         | 05-27-02 | REV. | PER CITY OF FALLON |                    |
| 2         | 11-15-02 | REV. | PER CITY OF FALLON |                    |
| 3         | 12-20-02 | REV. | PER CITY OF FALLON |                    |

**ENGINEERS AUTHENTICATION**

The responsibility for professional engineering liability on this project is hereby limited to the set of plans authenticated by the seal, signature, and date hereunder attached. Responsibility is disclaimed for all other engineering plans involved in this project and specifically excludes revisions after this date unless reauthenticated.

PICKETT, RAY & SILVER, INC.

HAROLD J. BARTON  
REGISTERED PROFESSIONAL ENGINEER  
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|           |                  |
|-----------|------------------|
| DRAWN     | DATE             |
| ABK       | MAY, 2002        |
| CHECKED   | DATE             |
| D.W.D.    | MAY, 2002        |
| PROJECT # | 95067.SUPO.OOR   |
| TASK #    | 4 FIELD BOOK 806 |