

WATERMAIN THRUST BLOCK DETAIL
NO SCALE

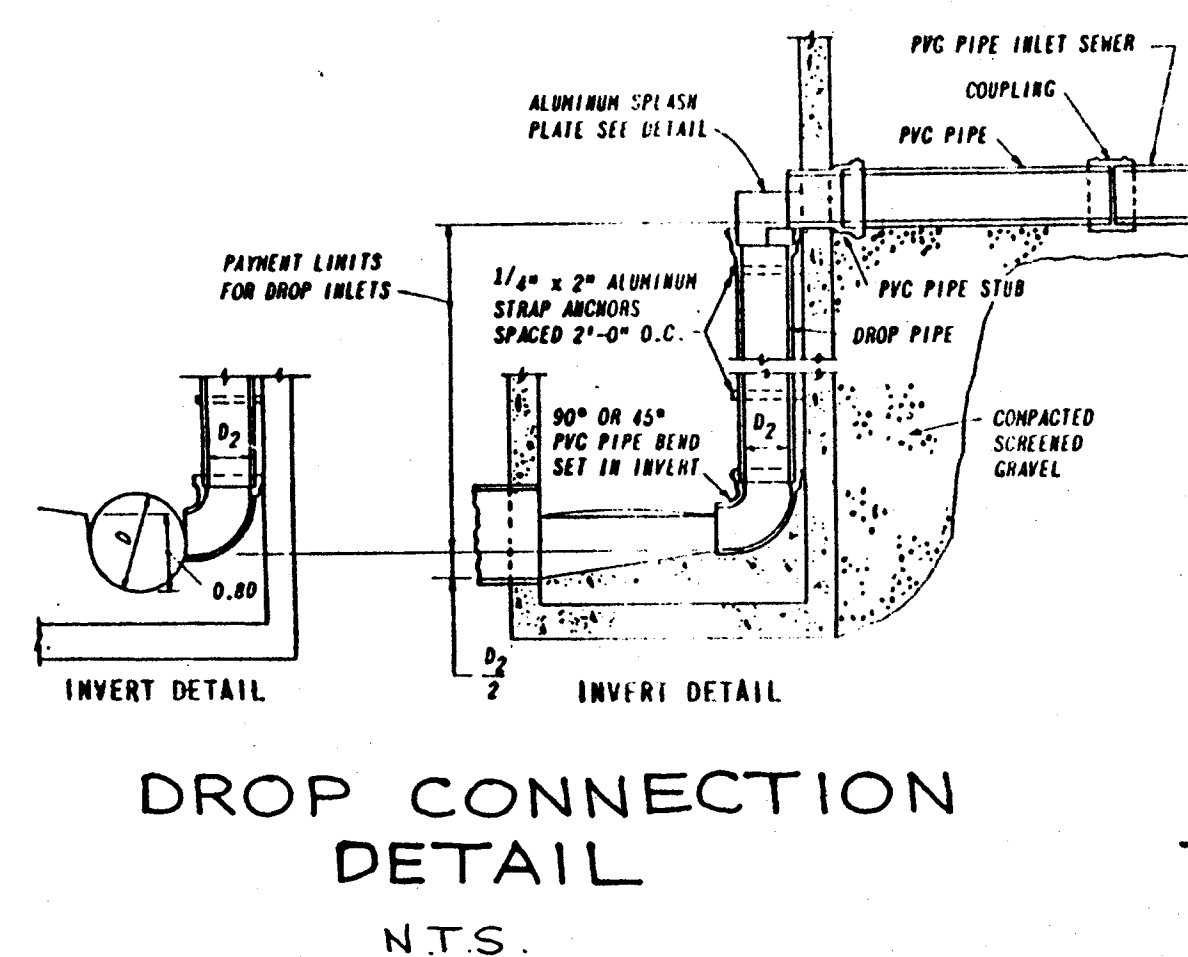
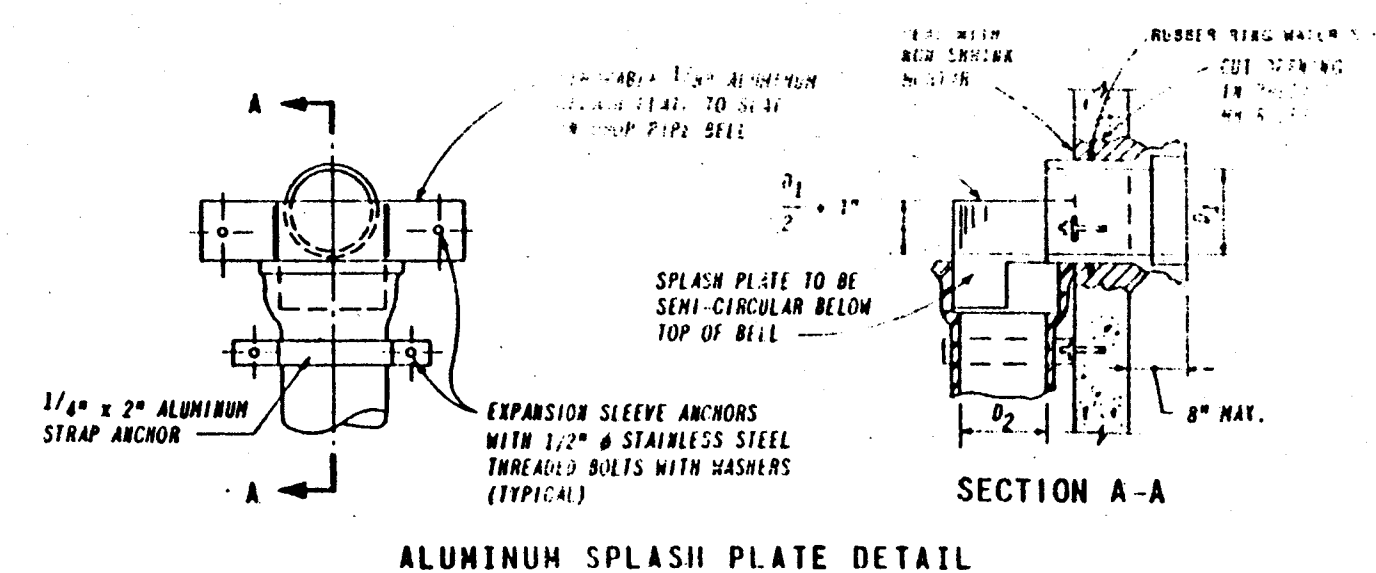
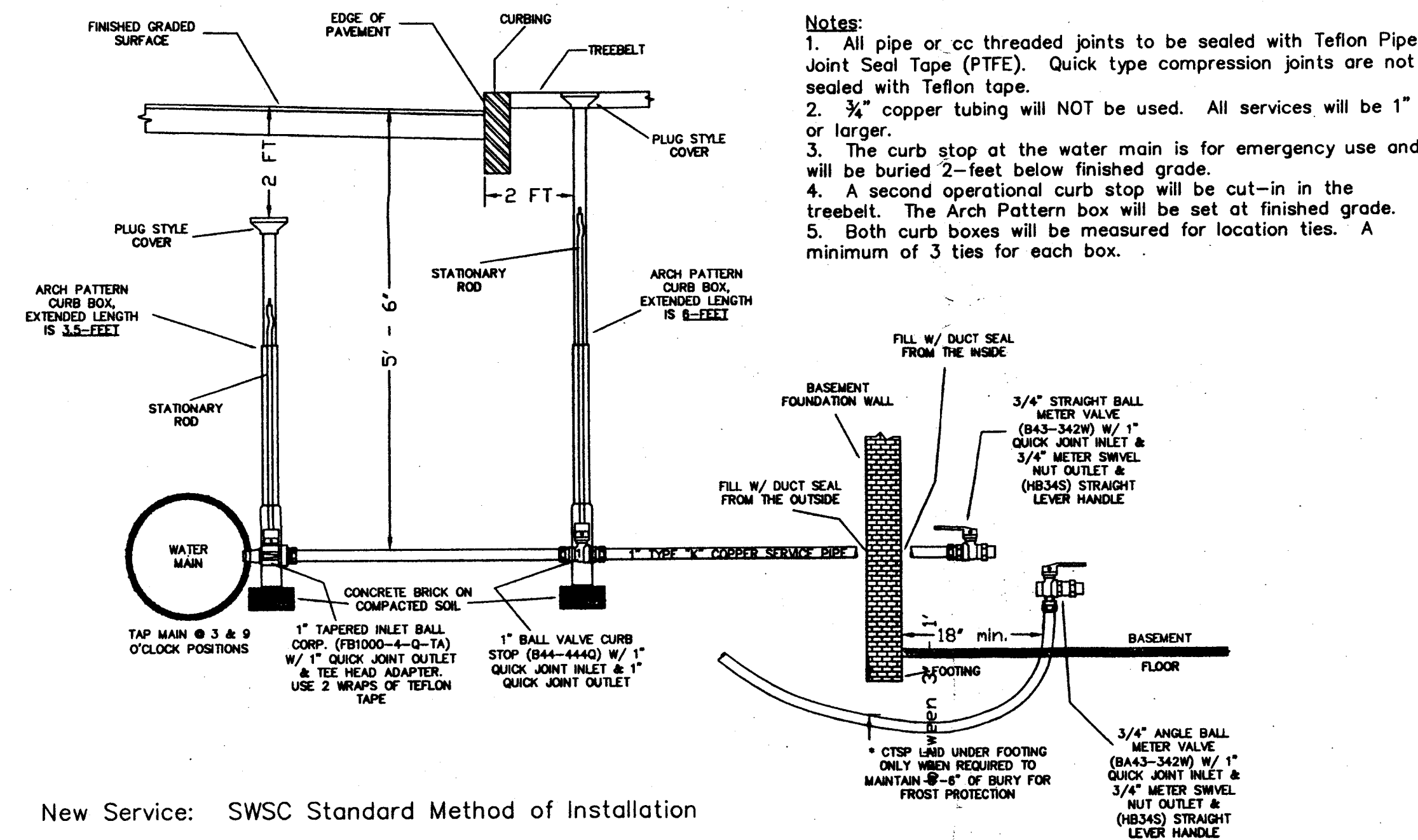
Springfield Water and Sewer Commission
P.O. Box 995 Springfield, Massachusetts 01101-0995 (413)-787-6256

CONSTRUCTION NOTES

- The Commission as required below shall approve these Plans.
- The owner/developer will have the subdivision, easement and/or lot laid out with all pins and/or bounds installed, all other utilities installed and the site to sub-grade prior to installing the water main.
- The owner/developer will hire an approved contractor to lay the ductile iron water main. The contractor shall be approved by the Commission prior to installation of the water main.
- All materials used shall be to the Commission's specifications. The local suppliers have been provided a copy of the Commission's specifications. On request, to the Commission, a copy can be provided.
- All construction methods shall be to the Commission's Guidelines and Policies.
- The water main pipe shall be laid a minimum of five feet (5'-0") and a maximum of six feet (6'-0") below finished grade unless otherwise approved by the Commission.
- The copper tube water service pipe shall be laid a minimum of five feet, six inches (5'-6") below finished grade unless otherwise approved by the Commission.
- The copper tube water service pipe shall be installed as per the Commission's detail.
- The contractor shall provide bonds required by the Commission prior to the installation of the water main.
- Construction/Performance Bond: Required prior to construction beginning.
- Maintenance Bond: Required for one (1) year after main acceptance for public use.
- The Commission requires that each building has a minimum of one (1) individual water service pipe and, if required, one (1) individual fire service pipe.
- The Commission will provide meters for each water service at its own expense.
- The Commission will provide auxiliary meters (in Springfield only) for irrigation and the owner/developer can have the irrigation system installed per the Commission's Guidelines and Policies.
- All work by the contractor shall be inspected by the Commission prior to being backfilled. If the work is backfilled prior to inspection, the contractor shall be required to expose the backfilled work. All inspections after regular work hours, on weekends and/or holidays shall be charged the Commission's overtime rate as defined in the Commission's Rules and Regulations.
- All water main installation work must pass the pressure and leakage tests.
- All service taps on new water mains shall be installed only after the water main passes both the pressure and leakage tests.
- The contractor shall provide 24 hour notice to the commission for both inspection and connections to existing water mains.
- Commission Final Review Required prior to construction beginning:

Initial Review	Final Review	Cross Connection Review
	11/14/04 JFL	N/A JFC 11/16/04

SPRINGFIELD WATER and SEWER COMMISSION
Service Installations 1" through 2"



PIPE SIZE TABLE

PIPE SIZES (IN.)	INLET SEWER	DROP PIPE
D ₁	D ₂	D ₃
12	10	8
10	8	6
8	6	4
6	4	3
4	3	2

- NOTES:**
- DETAILS OF DROP HANNOLE TO BE SAME AS FOR TYPICAL HANNOLE EXCEPT AS SHOWN.
 - ALUMINUM TO BE 6061-T6 ALLOY AND TEMPER.
 - COUPLING: ELASTOMERIC PLASTIC SLEEVE WITH STAINLESS STEEL CLAMP BANDS. MATERIALS PER ASTM C425.
 - RUBBER RING WATER STOP: PER ASTM C923.

ALL MATERIALS AND CONSTRUCTION METHODS TO COMPLY WITH THE STANDARDS OF THE BOARD OF PUBLIC WORKS OF EAST LONGMEADOW

SHEET 3 OF 3

SPECIFICATIONS

TUFTS STREET
EAST LONGMEADOW, MASS.

OWNED BY
REM CONSTRUCTION & C & M BUILDERS AND REAL ESTATE, LLC

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SCALE: AS NOTED **DATE:** JULY, 2004
DESIGN BY: **DRAWN BY:** J.M. **CHECKED BY:** T.M.
SURVEY BOOK: **PROJECT NUMBER:** 04-046