



GENERAL NOTES:

1. DETAIL IS FOR 4", 6", & 8" FIRE METER SERVICES.
2. INSULATED ENCLOSURE WITH A MINIMUM "R" VALUE OF 18 (HOT BOX OR APPROVED EQUAL) TO HAVE LOCKING LID. A FORM-FITTING ALUMINUM CLAD INSULATING SHROUD WITH AN EQUIVALENT "R" VALUE MAY BE USED IN PLACE OF AN INSULATED ENCLOSURE PROVIDED PRECAUTIONS ARE TAKEN TO PREVENT BLOCKAGE OF RELIEF VALVE OPENING (IF PRESENT) AND ACCESS TO COMPONENTS. THE INSULATION MUST BE EASY TO REMOVE IN ORDER TO FACILITATE TESTING AND REPAIR. A THERMOSTATICALLY CONTROLLED ELECTRIC HEATING SYSTEM IS OPTIONAL, BUT IF SUCH ELECTRICAL HEATING IS USED, IT SHALL BE USED IN CONJUNCTION WITH, AND NOT IN PLACE OF, THE INSULATED ENCLOSURE OR SHROUD
3. 4" THICK (MIN.) CONCRETE SLAB, SIZE VARIES TO ACCOMMODATE ENCLOSURE.
4. THE PSB SHALL PROVIDE SERVICE EXTENDED ONLY UP TO THE PROPERTY LINE, BACKFLOW PREVENTER, ENCLOSURE, & ALL ASSOCIATED PIPING SHALL BE THE RESPONSIBILITY OF THE OWNER.

CONSTRUCTION KEY NOTES:

- A. AMES 5000SS (OR APPROVED EQUAL) REDUCED PRESSURE BACKFLOW WITH METER.
- B. FLANGED GATE VALVE.
- C. 90° FLANGED BEND DUCTILE IRON.
- D. DUCTILE IRON PIPE.
- E. THRUST RESTRAINT RODS (PER NFPTA 24).
- F. CONCRETE THRUST BLOCK.
- G. BLUE BRUTE C.P.V.C.
- H. C-900 P.V.C.
- I. WATER MAIN.
- J. BONNET BOX AND COVER (SEE DETAILS 268, 269-1 & 269-2) SET FRAME AND COVER FLUSH WITH ROADWAY SURFACE OR FINISHED GRADE (SEE DETAIL 260).
- K. 8" PIPE RISER.
- L. GATE VALVE WITH CONCRETE ANCHOR (SEE DETAIL 271).
- M. TAPPING SLEEVE OR TEE @ MAIN LINE.
- N. DISTANCES VARY.

STANDARD
DETAIL

DATE: 8/9/2005
REV: 8/11/2009

FIRE LINE SERVICE INSTALLATION

N.T.S.



DETAIL No.
290-9