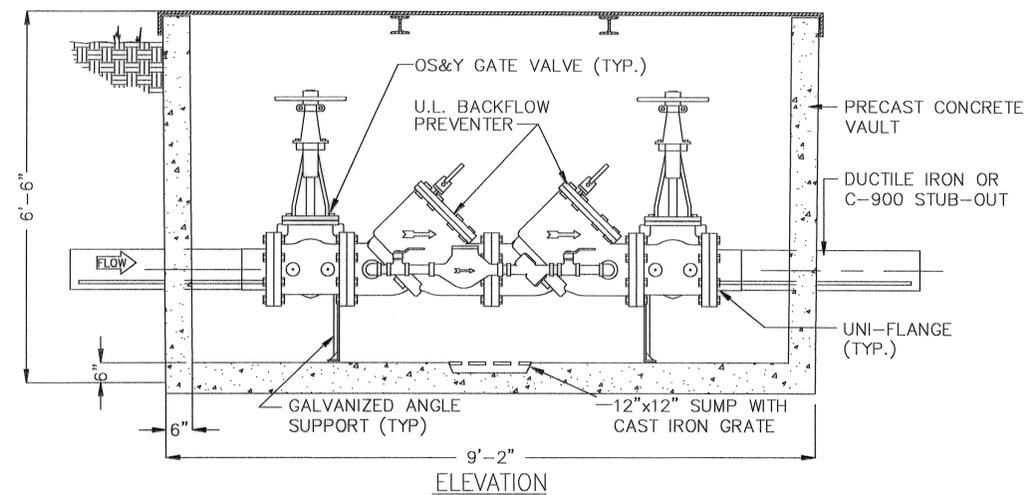
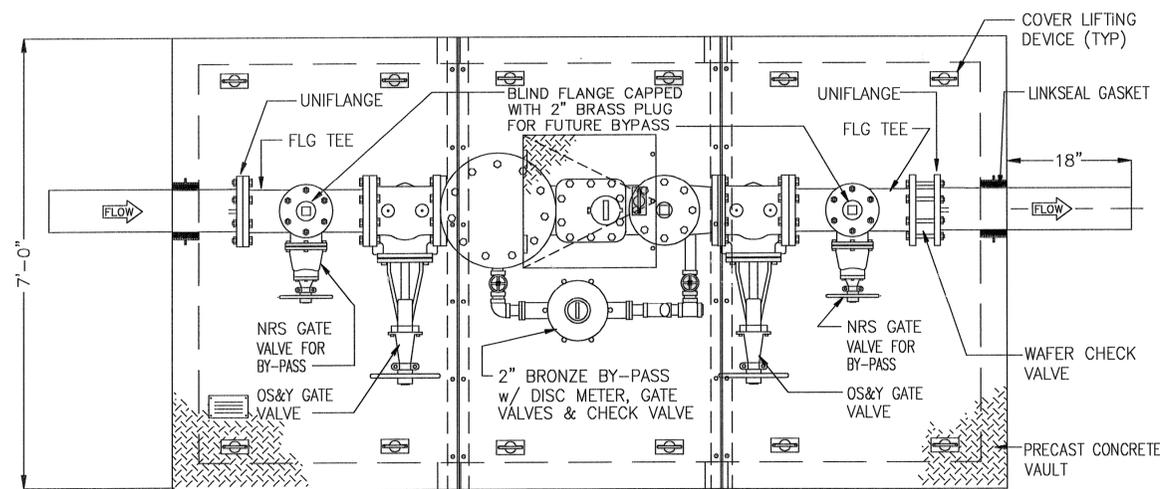


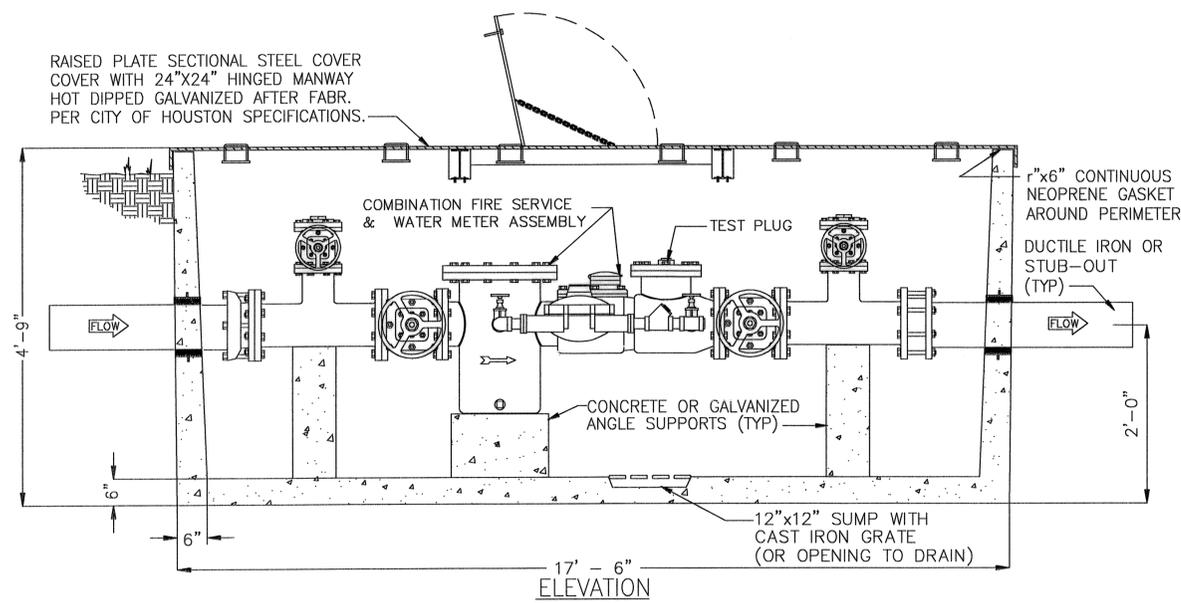
BACKFLOW PREVENTER PLAN VIEW



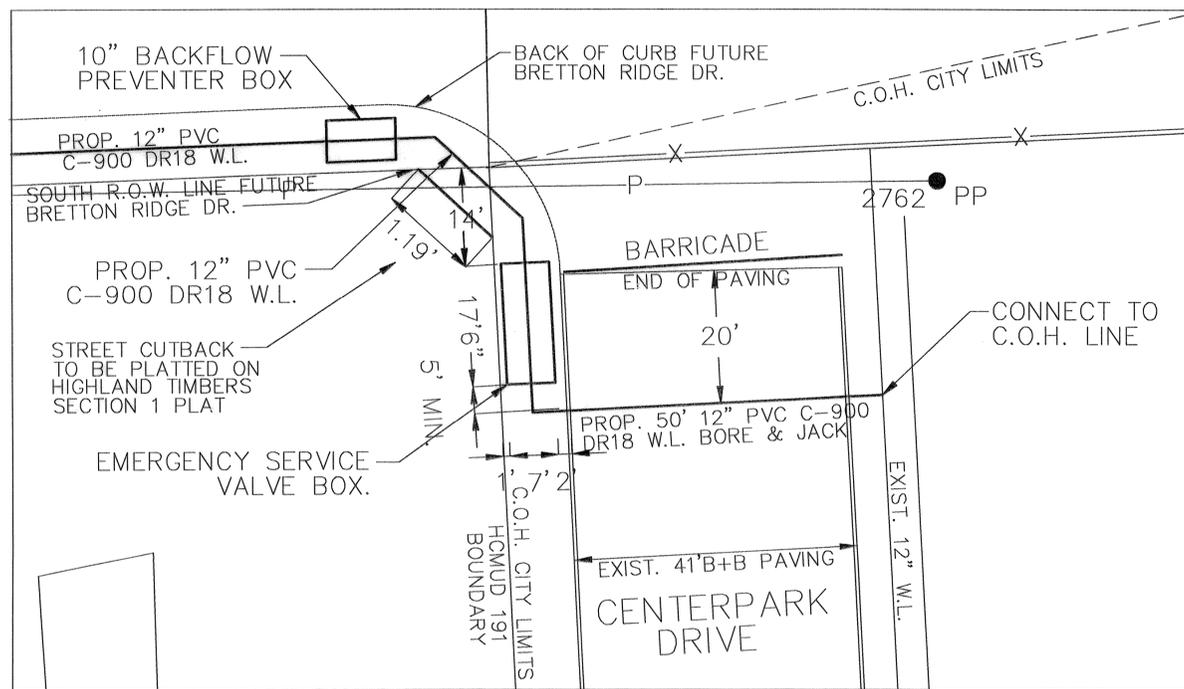
ELEVATION



METER VAULT PLAN VIEW



ELEVATION



Specifications
CONCRETE : Class 1 concrete with design strength of 4500 PSI at 28 days. Unit is of monolithic construction at floor and first stage of wall with sectional riser to required depth.
REINFORCEMENT: Grade 60 reinforced. Steel rebar conforming to ASTM A615 on required centers or equal.
STEEL COVER: All steel fabrication shall be in accordance to AWA 1. Steel shall be ASTM A36 carbon steel, and hot dipped galvanized after fabrication in accordance to ASTM A123. Standard cover is rated for 50 PSF.
Engineering Data
 The meter and backflow assembly shall be factory assembled in vault & hydrostatically tested prior to delivery. Field excavation & preparation shall be complete prior to delivery. Pipe, valves and fittings of the assembly shall be approved by one or more of the following associations:



Rev.	Date	Description	App.

PRIVATE UTILITY LINES SHOWN

ENTEX, INC.

SOUTHWESTERN BELL TELEPHONE CO.
Valid for One Year Only

HOUSTON LIGHTING & POWER CO.
Approval Only for Crossing Underground
Ductlines Unless Noted. Valid at Time of Review Only.

CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS & ENGINEERING
 ENGINEERING, CONSTRUCTION AND REAL ESTATE GROUP

SECTION APPROVALS

WATER ENGINEERING	TRAFFIC AND SIGNAL ENGINEERING
WASTEWATER ENGINEERING	STREET & BRIDGE ENGINEERING
STORM SEWER ENGINEERING	CONSTRUCTION

OTHER DEPARTMENTS

PLANNING AND DEVELOPMENT	SPONSOR DEPARTMENT
--------------------------	--------------------

CITY ENGINEER _____ DATE _____

DIRECTOR OF PUBLIC WORKS AND ENGINEERING _____ DATE _____

SUBMITTED: _____ DESIGNED BY: TIM

SCALE: N.T.S. DRAWN BY: TIM

DATE: FEBRUARY 1999 SHEET NO. 18 OF 18 SHEETS

SURVEY BY: _____ DWG. NO. _____

F B NO: _____

HIGHLAND TIMBERS
 METER & BACKFLOW PREVENTER DETAILS