STEEL COVER NOTE:
1. ALL STEEL FABRICATION SHALL BE IN ACCORDANCE TO AWA D1.1
   STEEL SHALL BE ASTM A36
   CARDAN STEEL AND HOT DIPPED
   GALVANIZED AFTER FABRICATION IN
   ACCORDANCE TO ASTM A123.
   STANDARD COVER IS RATED FOR
   50 PSI.

ENGINEERING DATA:
1. THE BACKFLOW ASSEMBLY
   SHALL BE FACTORY
   ASSEMBLED IN VAULT &
   HYDROSTATICALLY TESTED
   PRIOR TO DELIVERY.

CONCRETE BOXES NOTES:
1. A36 STEEL SKID–RESISTANT COVER & FRAME w/ 24" x 32"
   HINGED MANWAY
2. WITH BREAKABLE LOCKS ON OS&Y VALVES.
3. CONCRETE BOXES TO BE 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.
4. GRADE 60 REINFORCED STEEL REBAR CONFORMING TO ASTM
   A615 ON REQUIRED CENTERS OR EQUAL
5. ASSEMBLY SHALL NOT BE LOCATED WITHIN R.O.W. OR PUBLIC
   EASEMENT.

THE CITY OF ROSENBERG, FORT BEND COUNTY, TEXAS
DEPARTMENT OF PUBLIC WORKS

FIRE SERVICE CONNECTION
WITH FLOW PREVENTER ASSEMBLY

DESIGN: CAD: STAFF: SCALE: DATE: DRAWING:
CMK: NTS: 11/13: W-112