

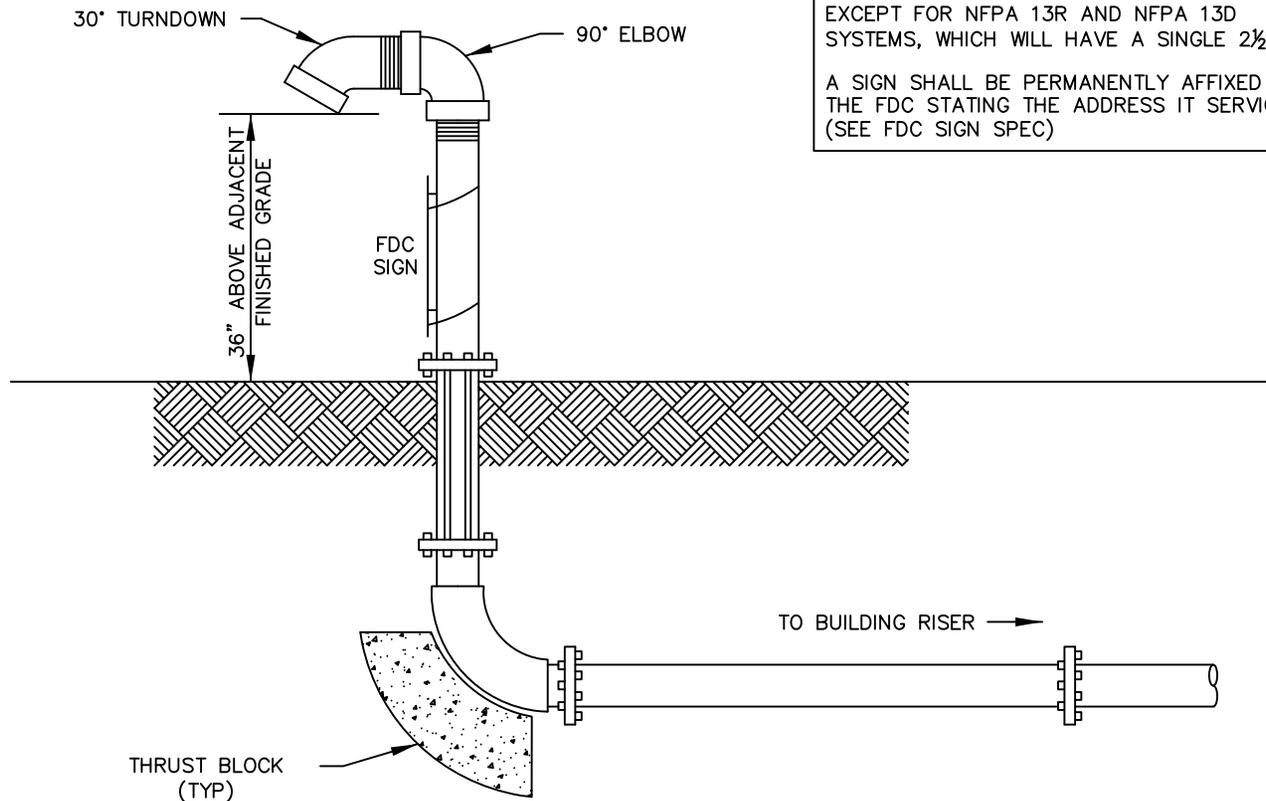
FIRE DEPARTMENT CONNECTION

FIRE DEPARTMENT CONNECTION SHALL BE LOCATED REMOTELY FROM STRUCTURE AND OUT OF THE COLLAPSE ZONE.

FDC'S SHALL HAVE A LOCKING KNOX CAP INSTALLED.

FDC'S SHALL BE 5" STORZ CONNECTION, EXCEPT FOR NFPA 13R AND NFPA 13D SYSTEMS, WHICH WILL HAVE A SINGLE 2½."

A SIGN SHALL BE PERMANENTLY AFFIXED TO THE FDC STATING THE ADDRESS IT SERVICES. (SEE FDC SIGN SPEC)

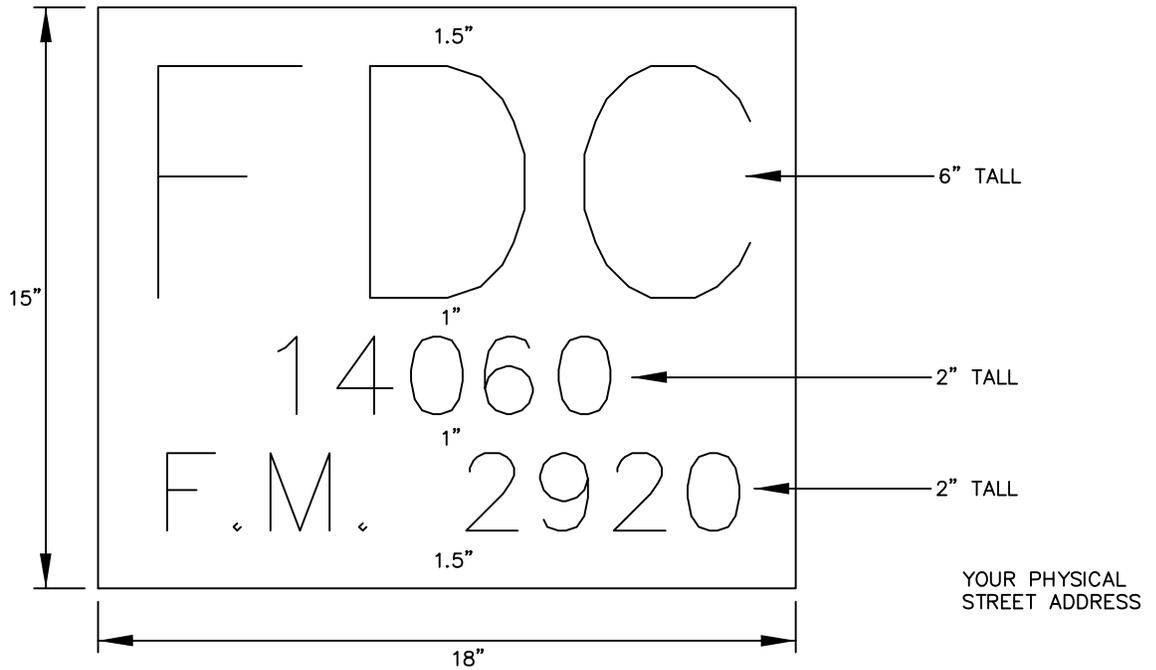


NOT TO SCALE

CITY OF TOMBALL DEPARTMENT OF ENGINEERING & PLANNING	
FIRE DEPARTMENT CONNECTION	
APPROVED BY: DOUG SANGUEDOLCE FIRE MARSHAL	
SHEET 001 OF 001	DWG NO: COT FIRE-01

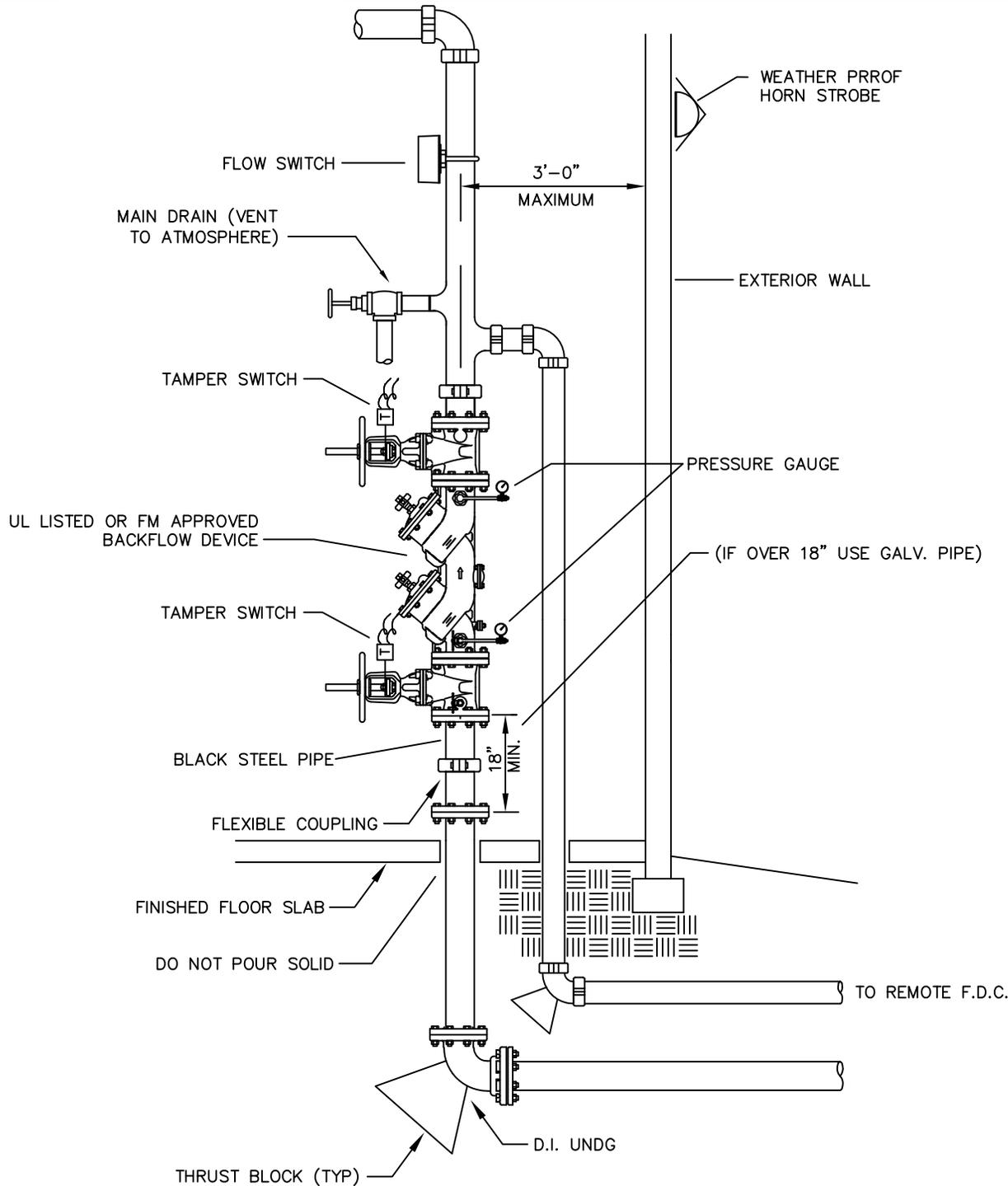
FIRE DEPARTMENT CONNECTION (FDC) SIGN DESIGN REQUIREMENTS

1. SIGN SHALL BE CONSTRUCTED FROM A 15" HIGH BY 18" WIDE METAL SUBSTRATE NO THINNER THAN 0.063 INCHES.
2. SIGN SHALL HAVE SQUARE CORNERS.
3. BACKGROUND COLOR OF SIGN SHALL BE "FIRE ENGINE RED" NON-REFLECTIVE.
4. WHITE REFLECTIVE LETTERS SHALL BE USED AS SET OUT BELOW.
5. LETTER SHALL BE FONT COMPARABLE TO "FOLIO MEDIUM" OR "HELVETICA MEDIUM".
6. SIGN SHALL BE PERMANENTLY ATTACHED TO A WALL DIRECTLY ABOVE FIRE DEPARTMENT CONNECTION (FDC) OR BELOW FREESTANDING FDC. IT SHALL BE 72" FROM THE GROUND TO THE BOTTOM OF THE SIGN, UNLESS OTHERWISE APPROVED BY FIRE MARSHAL.
7. FIRST LINE (FDC) SHALL BE 6" HIGH LEFT WITH 3" BETWEEN EACH LETTER.
8. SECOND AND THIRD LINES SHALL BE 2" HIGH WITH 1/2" SPACING BETWEEN LETTERS.
9. THERE SHALL BE A 1.5" MARGIN COMPLETELY AROUND SIGN AND 1" SPACING BETWEEN LINES OF TEXT.
10. THERE SHALL BE 2" SPACING BETWEEN COMPLETE WORDS.
11. SECOND AND THIRD LINE SHALL HAVE ADDRESS OF BUILDING OR SUITE NUMBER THAT SYSTEM PROVIDES FOR.



NOT TO SCALE

CITY OF TOMBALL ENGINEERING & PLANNING DEPARTMENT			
FDC SIGN DESIGN REQUIREMENTS			
APPROVED BY: _____			
DOUG SANGUEDOLCE FIRE MARSHAL			
SHEET	0010F	001	DWG NO: COT FIRE-02



GENERAL NOTES

- * 1. BACKFLOW PREVENTER SHALL BE TESTED FOR PROPER OPERATION PER CITY OF TOMBALL REQUIREMENTS BY A CERTIFIED TESTER RECOGNIZED BY THE CITY, BEFORE A TEMPORARY CERTIFICATE OF OCCUPANCY IS ISSUED.
 - 2. ADEQUATE CLEARANCE SHALL BE PROVIDED AROUND FIRE RISER. DIMENSIONS FROM FACE OF PIPE SHALL MEASURE A MINIMUM OF 12" OFF THE BACK WALL, 18" ON EACH SIDE AND 36" CLEAR IN FRONT WITH A FULL HEIGHT DOOR. THE FIRE LINE SHALL EXTEND A MAXIMUM OF 3' INTO THE BUILDING FROM INSIDE FACE OF WALL TO CENTER OF PIPE.
 - 3. RISER SHALL BE HYDROSTATICALLY TESTED AT 200 PSI FOR TWO HOURS.
 - 4. AT #1 & #4 TEST PORTS INSTALL A 1/2" BRASS NIPPLE, TEE & PLUGS W/ 1/2" x 1/4" MALE FLARED CONNECTION W/ CAP (INSTALL PRESSURE GAUGE ON TEE OUTLET)
 - 5. HYDRAULIC DESIGN AND SUMMARY INFORMATION PER NFPA SHALL BE ATTACHED TO RISER.
 - 6. SPARE HEAD BOX SHALL BE MOUNTED IN AREA.
 - 7. LABEL ALL CONTROL VALVES IN A PERMANENT MANNER.
- * REDUCED-PRESSURE BACKFLOW REQUIRED WHEN F.D. CONNECTION IS WITHIN 1700 FEET OF AN AUXILIARY SUPPLY.

NOT TO SCALE

CITY OF TOMBALL DEPARTMENT OF ENGINEERING & PLANNING	
FIRE SPRINKLER RISER DETAIL W/ REMOTE FDC	
APPROVED BY: _____ DOUG SANGUEDOLCE FIRE MARSHAL	
SHEET 001 OF 001	DWG NO: COT FIRE-03