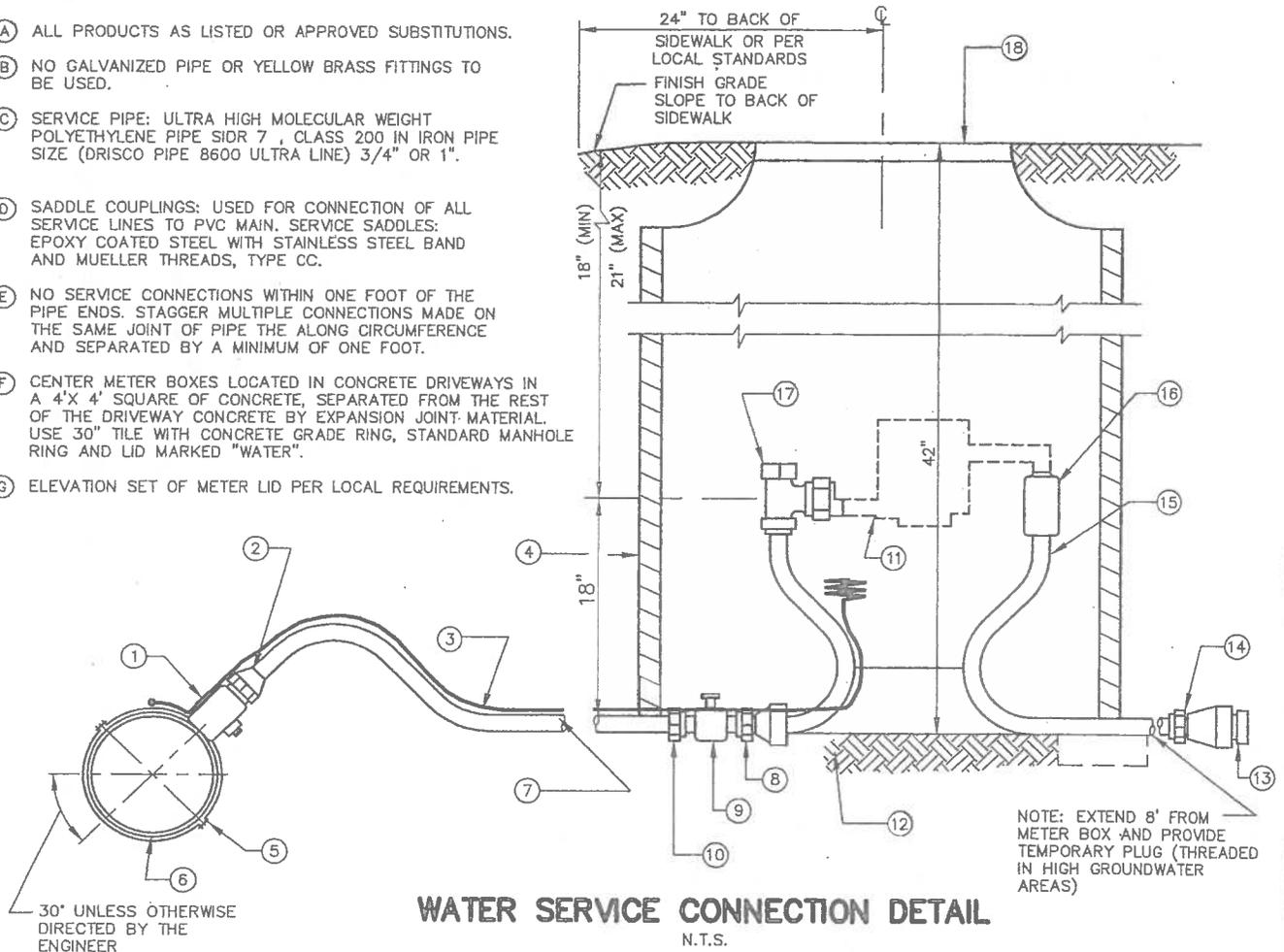


NOTES:

- (A) ALL PRODUCTS AS LISTED OR APPROVED SUBSTITUTIONS.
- (B) NO GALVANIZED PIPE OR YELLOW BRASS FITTINGS TO BE USED.
- (C) SERVICE PIPE: ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE PIPE SDR 7, CLASS 200 IN IRON PIPE SIZE (DRISCO PIPE 8600 ULTRA LINE) 3/4" OR 1".
- (D) SADDLE COUPLINGS: USED FOR CONNECTION OF ALL SERVICE LINES TO PVC MAIN. SERVICE SADDLES: EPOXY COATED STEEL WITH STAINLESS STEEL BAND AND MUELLER THREADS, TYPE CC.
- (E) NO SERVICE CONNECTIONS WITHIN ONE FOOT OF THE PIPE ENDS. STAGGER MULTIPLE CONNECTIONS MADE ON THE SAME JOINT OF PIPE THE ALONG CIRCUMFERENCE AND SEPARATED BY A MINIMUM OF ONE FOOT.
- (F) CENTER METER BOXES LOCATED IN CONCRETE DRIVEWAYS IN A 4'X 4' SQUARE OF CONCRETE, SEPARATED FROM THE REST OF THE DRIVEWAY CONCRETE BY EXPANSION JOINT MATERIAL. USE 30" TILE WITH CONCRETE GRADE RING, STANDARD MANHOLE RING AND LID MARKED "WATER".
- (G) ELEVATION SET OF METER LID PER LOCAL REQUIREMENTS.

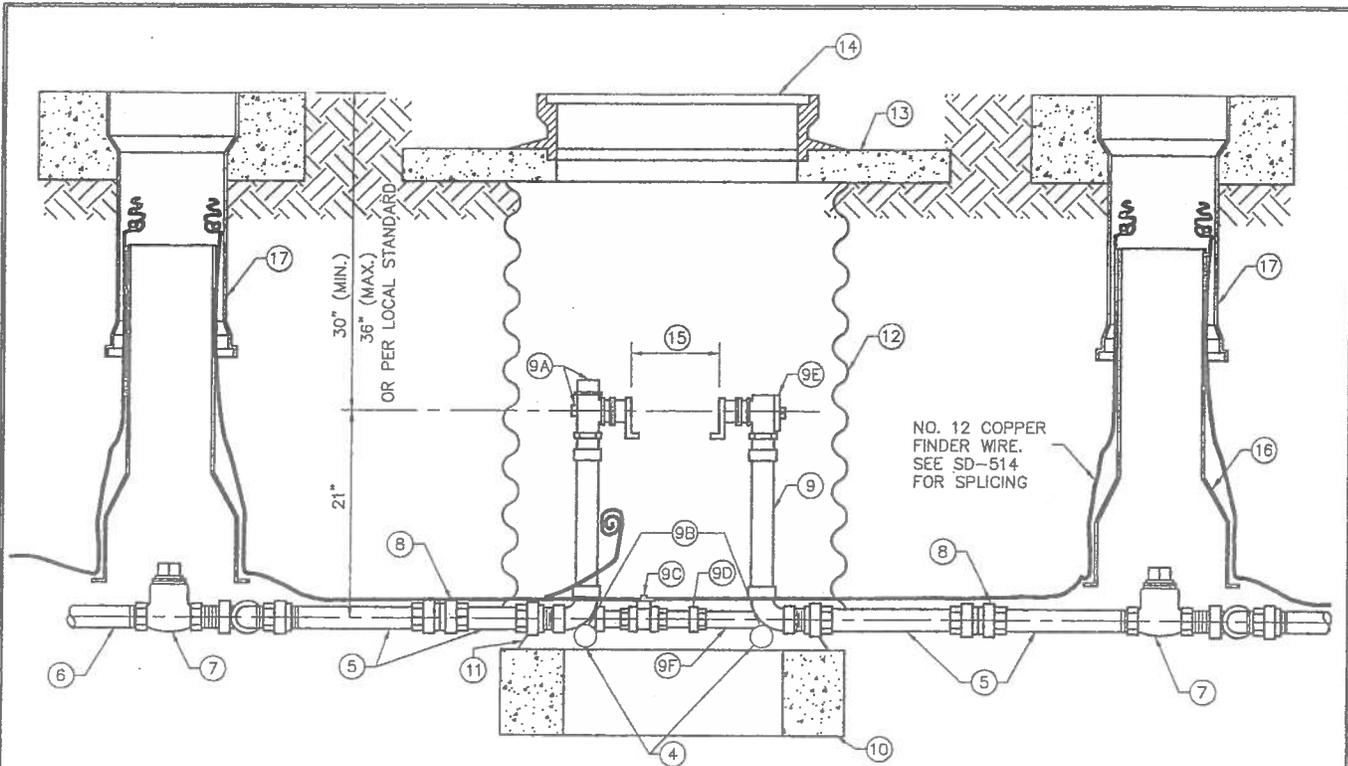


2007 REVISIONS

IDAHO STANDARDS
FOR PUBLIC WORKS
CONSTRUCTION

**WATER SERVICE
CONNECTION (3/4" - 1")**

STANDARD DRAWING
NO. **SD-401**

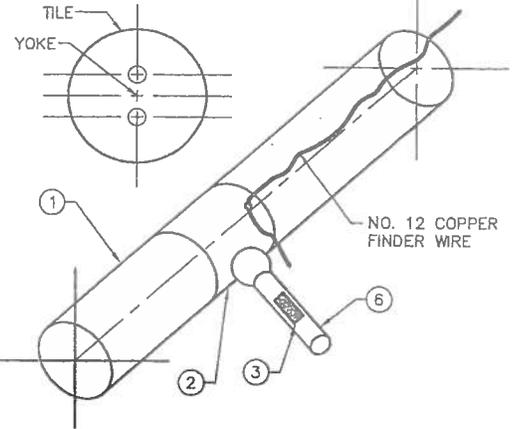


WATER SERVICE CONNECTION DETAIL

NTS

LEGEND

- ① WATER MAIN PER SECTION-401.
- ② SADDLE WITH CC THREAD AND STAINLESS STEEL STRAP.
- ③ BALLCORP TYPE FB400 INLET AWWA TAPER-CC X PACK JOINT W/S.S. INSERT {FORD 1 1/2" (FB1001-6), 2" (FB1001-7)}.
- ④ 1" DIA. GALVANIZED BRACE PIPE (APPROX. 18" LONG), 2 REQUIRED.
- ⑤ 6" LONG RED BRASS NIPPLE.
- ⑥ SERVICE LINE: 1 1/2" OR 2" POLYETHYLENE PIPE WITH PACK JOINT BRASS FITTINGS AND STAINLESS STEEL INSERTS.
- ⑦ FORD BALL VALVE CURB STOP W/ VALVE RISER AND LOCKING LID. (IF REQUIRED)
1 1/2" = B11-666
2" = B11-777
- ⑧ RED BRASS UNION.
- ⑨ METER SETTER W/ THE FOLLOWING FACTORY ASSEMBLED ITEMS:
A. ANGLE BALL VALVE WITH PADLOCK WING.
B. BRACE PIPE EYELETS STANDARD.
C. BALL VALVE WITH PADLOCK WING ON BY-PASS.
D. BY-PASS PACK JOINT.
E. ANGLE CHECK VALVE.
F. RED BRASS BY-PASS.
- ⑩ 2" X 35" O.D. CONCRETE GRADE RING (UNDER YOKE).
- ⑪ NOTCH CMP FOR OFFSET ON GRADE RING.
- ⑫ 30" DIA. X 44" MIN. LENGTH CMP.
- ⑬ 4" X 35" O.D. CONCRETE GRADE RING.
- ⑭ STANDARD 24" DIA. MANHOLE RING & "WATER" COVER.
- ⑮ 1 1/2" METER = 13 1/4" WITH GASKETS, 2" METER = 17 1/4" WITH GASKETS.
- ⑯ 4" DIA. SEWER PIPE. NOTCH BOTTOM TO FIT OVER CURB STOP.
- ⑰ VALVE BOX



TAP CONNECTION

NTS

NOTES:

- (A) ALL PRODUCTS AS NOTED OR APPROVED SUBSTITUTION.
- (B) THE DIAMETER (1-1/2" OR 2") OF EACH APPURTENANCE SHOWN HEREON IS THE SAME AS THE METER SIZE.
- (C) NO BY-PASS ALLOWED ON METER SETTERS FOR LANDSCAPE OR PRESSURIZED IRRIGATION SYSTEM.
- (D) SD-402 WATER SERVICE CONNECTION (1 1/2" - 2") ALLOWED IF TWO OR MORE YOKEs ARE USED FOR THE SAME SERVICE.
- (E) NO GALVANIZED PIPE OR YELLOW BRASS FITTINGS.
- (F) NO TAPS WITHIN ONE FOOT OF THE PIPE ENDS.

2005

IDAHO STANDARDS
FOR PUBLIC WORKS
CONSTRUCTION

WATER SERVICE CONNECTION
(1 1/2" - 2")

STANDARD DRAWING
NO. **SD-402**