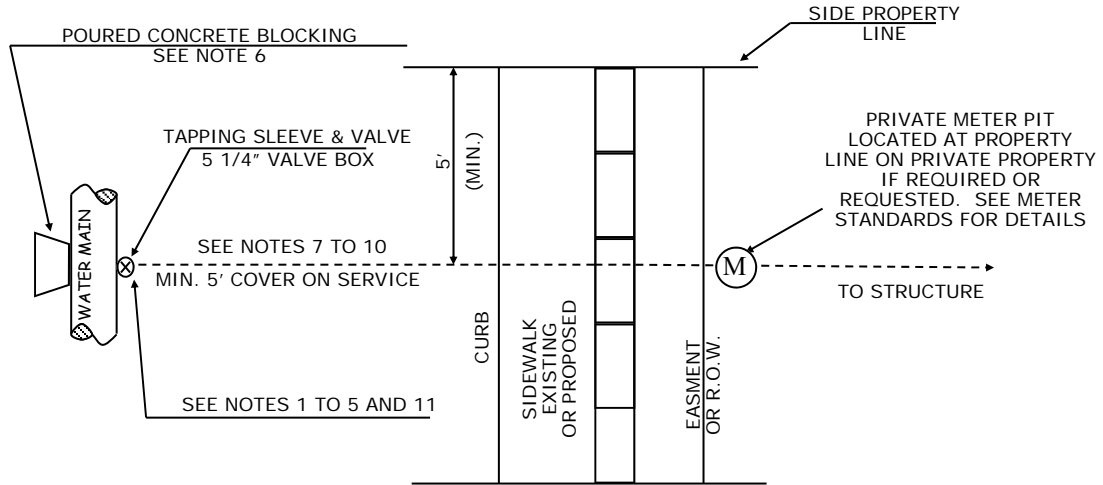


## STANDARD 1 1/2" TO 3" SERVICE

NO PLASTIC SERVICE LINES ALLOWED, SERVICE LINES SHALL BE DUCTILE IRON OR K COPPER



**NOTES:**

1. TAP SHALL NOT BE LOCATED WITHIN 36" FROM A BELL OR FLANGE CONNECTION.
2. TAP SHALL NOT BE LOCATED WITHIN 36" FROM ANOTHER TAP UNLESS APPROVED BY THE COUNCIL BLUFFS WATER WORKS.
3. COUNCIL BLUFFS WATER WORKS MAY REQUIRE A TEE BE PLACED INSTEAD OF A TAPPING SLEEVE.
4. PERMIT APPLICANT TO REPAIR ANY DAMAGE TO POLYETHYLENE ENCASMENT INCURRED WHILE EXPOSING MAIN FOR COUNCIL BLUFFS WATER WORKS TO TAP.
5. COUNCIL BLUFFS WATER WORKS TO SUPPLY AND INSTALL 4" TAPPING SLEEVE AND VALVE, PERMIT APPLICANT TO SUPPLY AND INSTALL 4" PLUG WITH SERVICE SIZE TAP OR REDUCER. COUNCIL BLUFFS WATER WORKS TO SUPPLY VALVE BOX AND PERMIT APPLICANT TO INSTALL VALVE BOX.
6. PERMIT APPLICANT REQUIRED TO SUPPORT VALVE, PROVIDE AND INSTALL OVERLAPPING POLYETHYLENE ENCASMENT AROUND VALVE/SERVICE AND POUR BLOCKING BEHIND TAPPING SLEEVE. THIS PART OF THE SERVICE SHALL BE INSPECTED BY THE COUNCIL BLUFFS WATER WORKS BEFORE IT IS COVERED UP.
7. ALL COPPER SERVICES SHALL HAVE A MINIMUM OF 3' OF POLYETHYLENE ENCASMENT ON SERVICE EXTENDING FROM MAIN.
8. SERVICE LINES SHALL BE TYPE K COPPER OR CLASS 52 OR HEAVIER CEMENT MORTAR LINED DUCTILE IRON PIPE. POLYETHYLENE ENCASMENT SHALL BE INSTALLED ON ALL UNDERGROUND INSTALLATIONS OF DUCTILE IRON PIPE. NO PLASTIC ALLOWED.
9. ALL TYPE K COPPER SERVICE LINES LARGER THAN 1" SHALL HAVE MINIMUM 40' BETWEEN JOINTS AND NO COUPLINGS UNDER PAVED AREAS.
10. OWNERSHIP, THE COUNCIL BLUFFS WATER WORKS WILL NOT BE RESPONSIBLE IN ANY WAY FOR THE WATER SERVICE LINE BEGINNING AT THE CONNECTION TO THE MASTER VALVE ON THE CUSTOMERS SIDE OF THE SERVICE.
11. PRIOR TO TAP BEING MADE PERMIT APPLICANT WILL BE RESPONSIBLE FOR PROVIDING THE WATER WORKS A COMPLETED AND SIGNED TAP CHECK LIST. IN ADDITION TO APPLICATION AND PAYMENT TAP CHECK LIST INCLUDES SIGNITURES BY COUNCIL BLUFFS FIRE DEPARTMENT AND/OR BUILDING DIVISON FOR SUCCEFULLY PASSING REQUIRED PRESSURE TEST AND PROVIDING ABSENT FOR TOTAL COLIFORM TEST.
12. CONTACT THE COUNCIL BLUFFS BUILDING DIVISION, FOR ADDITIONAL PLUMBING CODE REQUIREMENTS AND COUNCIL BLUFFS FIRE DEPARTMENT FOR ADDITIONAL FIRE SERVICE CODE REQUIREMENTS.

### STANDARD 1.5" TO 3" SERVICE INSTALLATION FOR COMMERCIAL & RESIDENTIAL WATER SERVICE

COUNCIL BLUFFS WATER WORKS



SCALE: NONE

DATE: 11/1/2017

FILE NAME: 1.5TO3 TYPICAL SERVICE 2017