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#### CITY OF SPOKANE STANDARD PLANS – SECTION V

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NOTES:
1. TREES BURIED TOO DEEP, OR WITHOUT EXPOSING ROOT FLARE WILL BE REJECTED & SHALL BE REMOVED & REPLANTED AT PROPER DEPTH.
2. ALL "ADVENTITIOUS ROOTS" AND "SUCKERS" SHALL BE PRUNED AWAY PRIOR TO PLANTING.
3. DEVIATIONS FROM THIS DETAIL SHALL ONLY BE ALLOWED WITH PERMISSION FROM THE CITY ARBORIST.
4. TREES NOT PLANTED IN CONFORMITY WITH THIS DETAIL WILL BE REJECTED BY THE CITY ARBORIST. REPLACEMENT OF REJECTED TREES WILL BE DONE AT THE CONTRACTOR'S EXPENSE & NOT BY THE CITY OF SPOKANE.
5. LOCATIONS OF TREES TO MEET THE REQUIREMENTS OF DESIGN STANDARDS 3.5-2:
   ≥ 15 FT FROM DRIVEWAYS, ≥ 10 FT FROM DRAINAGE INLETS, ≥ 20 FT FROM DRYWELLS.
   NOT OBLIQUE TRAFFIC SIGNS OR SIGHT TRIANGLES, AND 15 FT FROM UNDERGROUND UTILITIES.
6. AFTER PLANTING, IF TREES ARE UNSTABLE, STAKING MAY BE USED BUT ONLY AS NECESSARY.
   AT 6 MONTHS, ALL STAKING MATERIAL SHALL BE REMOVED. IF TREE IS STILL UNSTABLE,
   AFTER 6 MONTHS, TREE MAY NEED TO BE REPLACED.
At time of planting prune only dead & broken branches. Remove excess soil from root ball as req'd to expose original root flare and plant with flare slightly above grade.

Remove container, wire baskets, &/or burlap completely from root ball. Keep mulch back from stems at least 3 inches. 3" woody mulch. Subgrade under root ball to be kept undisturbed to reduce settling.

Finished grade. Backfill with existing soil, do not tamp. Water thoroughly. Break down sides of hole when backfilling. 3x root ball.

NOTES:
1. Shrubs buried too deep, or without exposing root flare will be rejected & shall be removed & replanted at proper depth.
2. Deviations from this detail shall only be allowed with permission from the City Arborist.
3. Shrubs not planted in conformity with this detail will be rejected by the City Arborist. Replacement of rejected shrubs will be done at the contractor's expense & not by the City of Spokane.
NOTE: STREET ELBOWS AND CLOSE NIPPLES WILL NOT BE ALLOWED.

ATTACH IRRIGATION HEAD

GALV. NIPPLE
GALV. ELL
3" GALV. NIPPLE
GALV. ELL
GALV. ELL
6" GALV. NIPPLE
3" GALV. NIPPLE

PVC LATERAL

ALL RISERS TO BE MADE UP USING 1/2" GALVANIZED PIPE AND FITTINGS

POP-UP SPRINKLER DETAIL

TRIPLE SWING JOINTS

BROOKS #1-ROT VALVE BOX WITH CAST IRON COVER & EXTENSIONS.

3/4" ANGLE DRAIN VALVE

DEPTH DETERMINED BY AREA SERVED. MIN. 24" ON MAIN LINE. MIN. 12" ON LATERAL

DRAIN VALVE DETAIL

IRRIGATION SYSTEM DETAILS

APPROVED BY
CITY ENGR.
CH. DES. ENGR.

SCALE - NONE
ADOPTED 2-86
REVISED

DEPT. OF PUBLIC WORKS
ENGR. DIVISION SPOKANE, WN.

STANDARD PLAN NO.
V-103
NOTES:
1. CONTRACTOR IS TO PROVIDE ALL EXCAVATION AND BACKFILL FOR CITY FORCES TO SUPPLY AND INSTALL, UPON PAYMENT OF FEES, THE TAPPING SADDLE, CORP STOP, SERVICE LINE, CURB STOP, METER VAULT, METER & ISOLATION VALVES INSIDE METER VAULT. TRENCH EXCAVATION AND BACKFILL PAID UNDER BID ITEM TRENCH EXCAVATION FOR WATER SERVICE TAP.
2. CONTRACTOR IS FULLY RESPONSIBLE FOR FURNISHING AND INSTALLING ALL PIPE & FITTINGS DOWNSTREAM OF THE METER VAULT.
3. ALL PIPE & FITTINGS DOWNSTREAM OF THE METER TO THE MAINLINE TO BE GALVANIZED SCH. 40.
4. CITY TO SUPPLY AND INSTALL PRV INSIDE OF METER VAULT WHERE PRESSURES EXCEED 80 PSI.
5. SEE IRRIGATION DESIGN GUIDELINES FOR ADDITIONAL INSTALLATION INFORMATION.