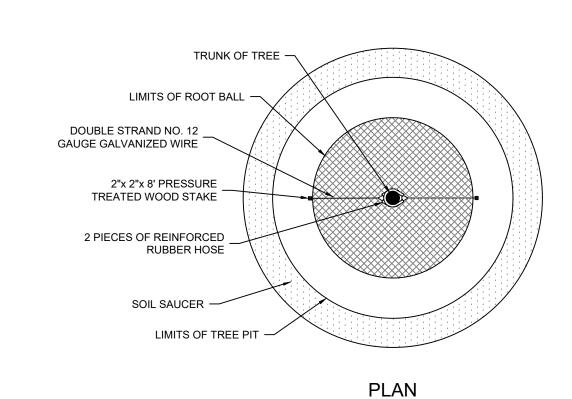
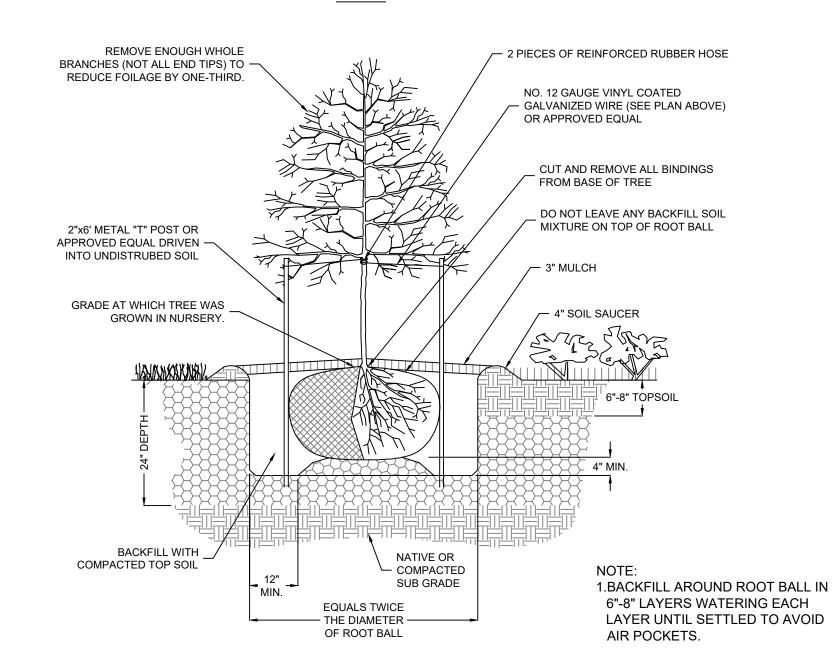
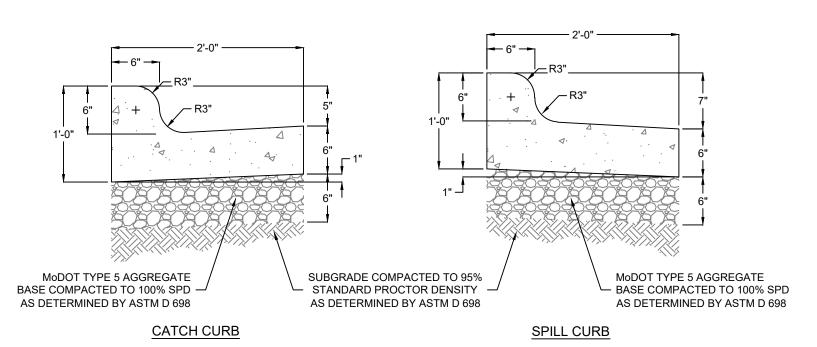
CONCRETE STOOP/WALK EDGE





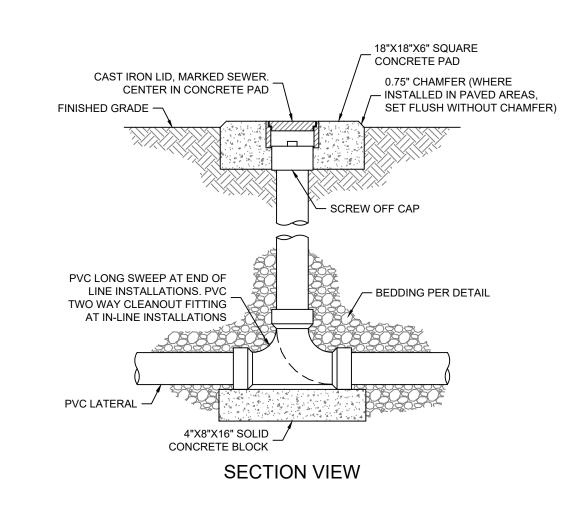
TREE PLANTING DETAIL SCALE: NONE



1. EXPANSION JOINTS SHALL BE FORMED BY A ONE-HALF (1/2) INCH THICK PREFORMED JOINT FILLER, CUT TO THE CONFIGURATION OF THE FULL SIZE OF THE CURB AND GUTTER SECTION AND BEING SECURED SO THAT THEY ARE NOT MOVED BY DEPOSITING AND COMPACTING THE CONCRETE AT THESE JOINTS. THE EDGES OF THESE JOINTS SHALL BE ROUNDED WITH AN EDGING TOOL ONE-EIGHTH (1/8) INCH RADIUS.

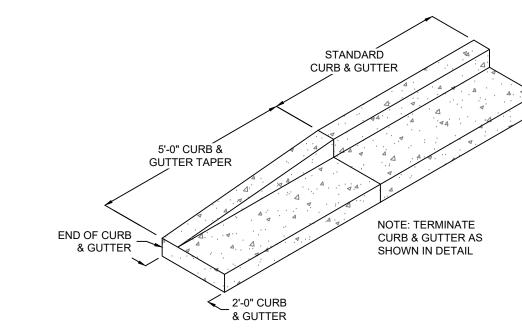
- 2. EXPANSION JOINTS SHALL BE PLACED WHERE CURB AND GUTTER ABUTS OTHER STRUCTURES AND AT ALL TANGENT POINTS TO CURBS. EXPANSION JOINTS SHALL NOT BE SPACED MORE THAN 50 FEET APART ON STRAIGHT RUNS FOR HAND LAID CURBS AND NOT MORE THAN 100 FEET APART FOR MACHINE LAID CURB AND GUTTER PROVIDED THAT ONE-HALF (1/2) INCH THICK JOINT FILLER IS USED. ALL JOINTS SHALL BE FORMED AT RIGHT ANGLES TO THE ALIGNMENT OF THE CURB AND GUTTER.
- 3. CONTRACTION JOINTS SHALL BE CONSTRUCTED BY INSERTING A REMOVABLE METAL TEMPLATE IN THE FRESH CONCRETE, THEY SHALL NOT BE SAW CUT, CONTRACTION JOINTS SHALL BE TO A DEPTH OF NOT LESS THAN ONE AND ONE-FOURTH (1-1/4) INCHES BELOW THE SURFACE AND TO A WIDTH NOT TO EXCEED THREE-EIGHTHS (3/8) INCH. CONTRACTION JOINTS SHALL BE LOCATED APPROXIMATELY 10 FEET APART.

CONCRETE CURB & GUTTER DETAIL

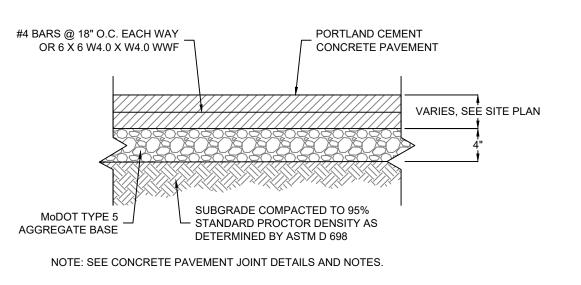


SIZE AND MATERIAL OF FITTINGS AND PIPE TO MATCH THAT OF LATERAL. 2. INSTALL CLEANOUTS AT ALL BENDS AND AT MAXIMUM 50' SPACING.

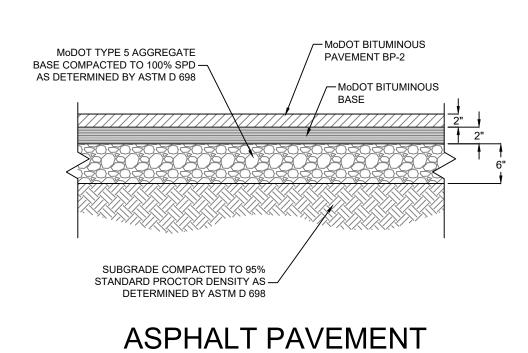
SANITARY SEWER CLEANOUT DETAIL

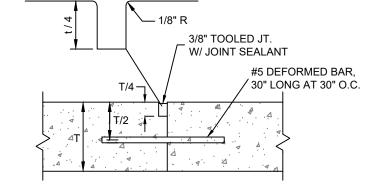


CURB TRANSITION DETAIL

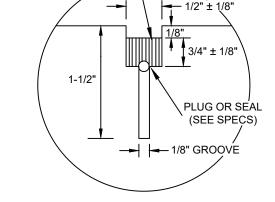


CONCRETE PAVEMENT





3/8" TOOLED JOINT



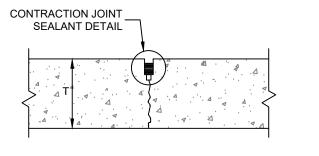
JOINT SEALANT

DOWELED CONSTRUCTION JOINT

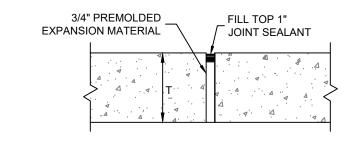
CONTRACTION JOINT SEALANT DETAIL

CONCRETE JOINT NOTES:

- 1. CONSTRUCTION JOINTS SHALL BE PLACED AS REQUIRED BY THE CONTRACTOR.
- 2. EXPANSION JOINTS SHALL BE PLACED WHERE CONCRETE ABUTS STRUCTURES OR EXISTING CONCRETE PAVEMENT AND AT 45 FEET ON CENTER, EACH DIRECTION (OR AS SHOWN ON PLAN).
- 3. CONTRACTION JOINTS SHALL BE PLACED AT 15 FEET MINIMUM SPACING IN EACH DIRECTIONS.

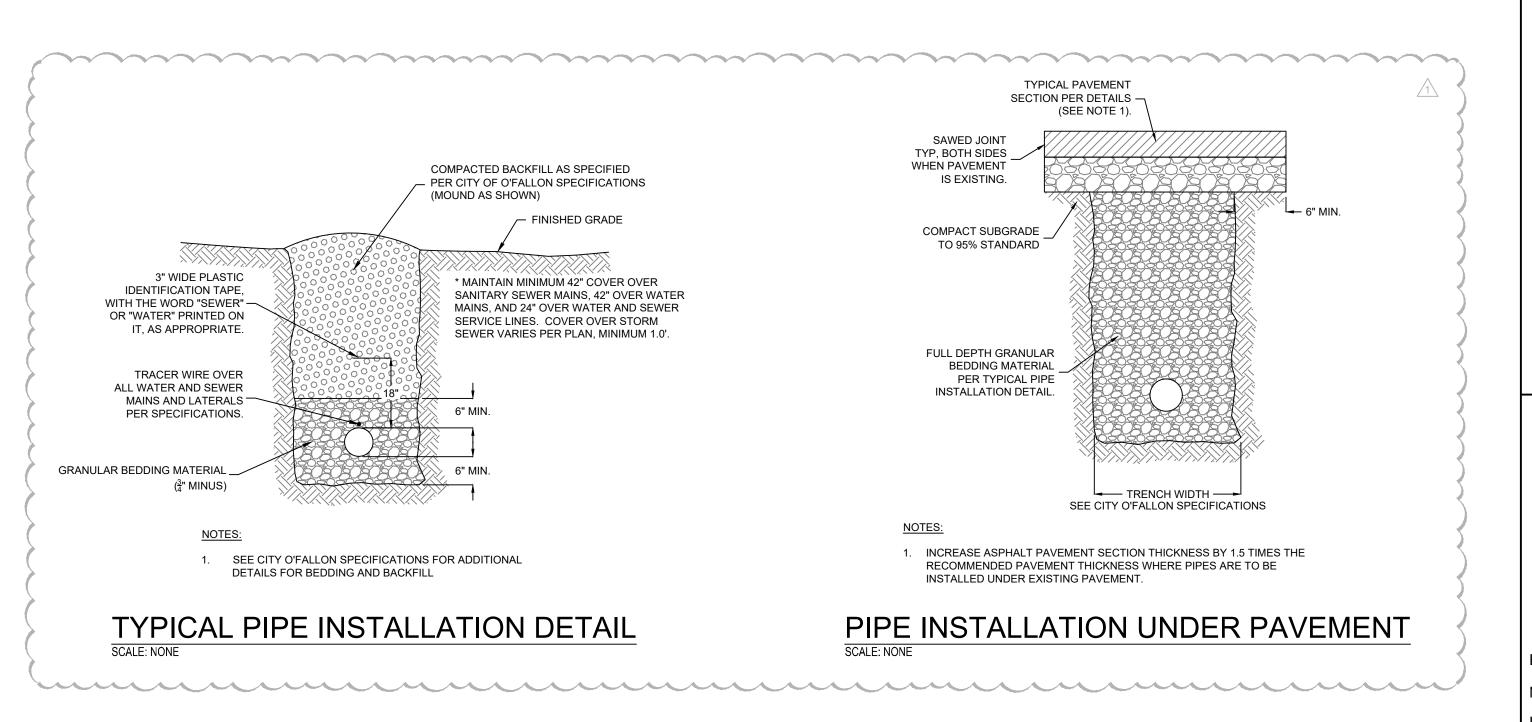


SAWED CONSTRUCTION JOINT



EXPANSION JOINT

CONCRETE PAVEMENT JOINT DETAILS

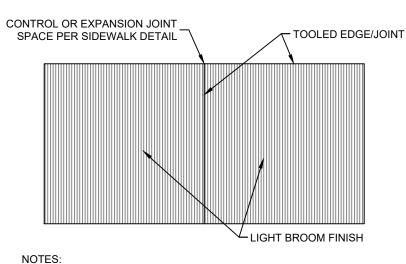


- 6x6 W1.4xW1.4 WWF SLOPE TO PREVENT PONDING (MAX 2%) 4" MIN COMPACTED SUBGRADE -- MoDOT TYPE 5 AGGREGATE BASE

1. PROVIDE CONTROL JOINTS @ 5' O.C. MAX. OR WIDTH OF SIDEWALK. SEE JOINT DETAIL

- 2. PROVIDE EXPANSION JOINTS @ 20' O.C. MAX. & AS INDICATED ON SITE PLAN.
- WHERE WALK ABUTS ANOTHER WALK, CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES, PROVIDE 1/2" EXP. JOINT W/ FIBER BOARD AND SELF-LEVELING SEALANT.
- 4. KEY ALL CONSTRUCTION JOINTS.
- 5. PROVIDE NON-SLIP LIGHT BROOM FINISH.
- MAXIMUM SIDEWALK CROSS SLOPE SHALL BE 2%. MAXIMUM SLOPE OF SIDEWALK IN DIRECTION OF TRAVEL SHALL BE 5%.

SIDEWALK DETAIL



1. CONTRACTOR SHALL TOOL EDGES AND JOINTS AS SHOWN THEN LIGHTLY BROOM FINISH ENTIRE SIDEWALK SURFACE.

SIDEWALK FINISH PLAN

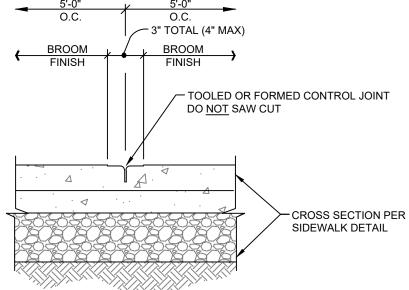
2.LANDSCAPE CONTRACTOR IS

RESPONSIBLE FOR THE REMOVAL

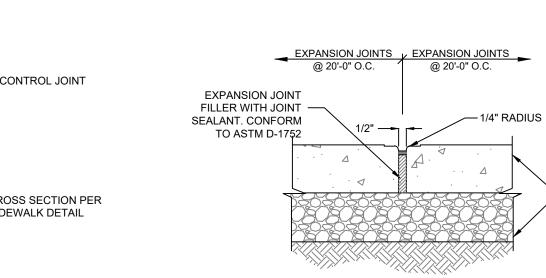
OF TREE STABILIZATION AT THE

END OF THE SECOND GROWING

SEASON.



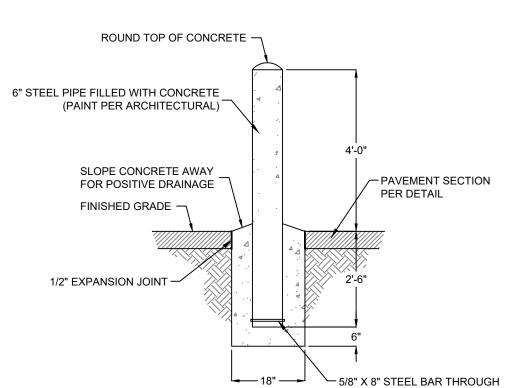
SIDEWALK CONTROL JOINT



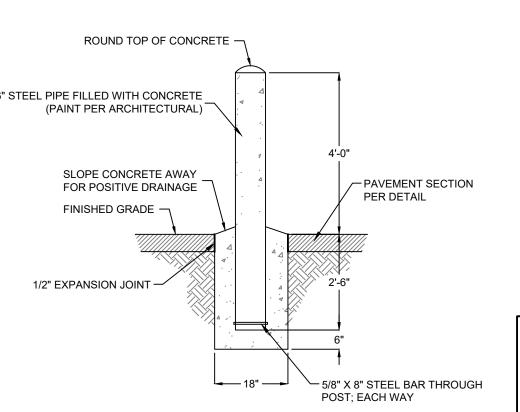
SIDEWALK EXPANSION JOINT

CROSS SECTION

PER SIDEWALK



PIPE BOLLARD

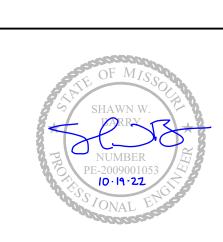


& ASSOCIATES 1550 E. REPUBLIC ROAD SPRINGFIELD, MO 65804 Ph: 417-888-0645 Fax: 417-888-0657 www.tothassociates.com CERTIFICATE OF AUTHORITY: MO# E-2004004242-D © 2022 Toth and Associates, Inc.

DETAILS

DATE: JULY 22, 2022





ENGINEER OF RECORD: NAME: SHAWN W. BARRY

LICENSE NO. MO PE-2009001053 PROJECT NUMBER:

22089 7BOF

REVISION:

09/29/2022 CITY REVIEW COMMENT

10/19/2022 CITY REVIEW COMMENT