



**NOTES:**

1. SIDEWALK DRAINS SHALL NOT BE INSTALLED ON NEW PROJECTS UNLESS APPROVED BY THE CITY ENGINEER.
2. SIDEWALK DRAIN PIPE SHALL BE INSTALLED IN CENTER BETWEEN TWO JOINTS, OR FOR MULTIPLE PIPES, PROVIDE 7/2" MINIMUM CLEARANCE TO A JOINT.
3. SAWCUT SIDEWALK PANELS AT EXISTING JOINTS OR SCORE MARKS. CONSTRUCTION JOINTS SHALL BE INSTALLED WITH 1/2"x12" SLIP DOWELS EMBEDDED 6" ON BOTH SIDES. PLACE DOWELS CENTERED BETWEEN JOINTS FOR 3' OR SMALLER PANELS, OR TWO EVEN-SPACED DOWELS FOR 3' TO 5' PANELS.
4. MULTIPLE PIPES SHALL REQUIRE CITY ENGINEER APPROVAL. 3" MIN CLEARANCE BETWEEN PIPES WHERE ALLOWED.