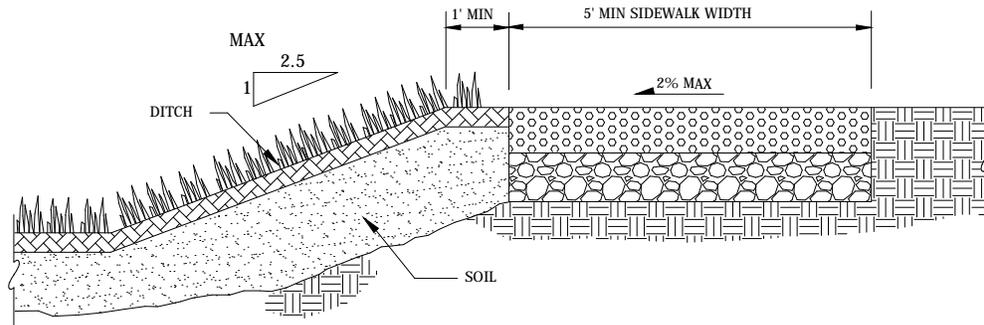


PERVIOUS CONCRETE SIDEWALK SECTION

NOT TO SCALE



PERVIOUS CONCRETE SIDEWALK ADJACENT TO DITCH

NOT TO SCALE

NOTES

1. SEE SIDEWALK AND DRIVEWAY STANDARD PLANS CK-R.23 AND CK-R.21 FOR JOINTING AND LAYOUT.
2. PERVIOUS CONCRETE PAVEMENT SHALL CONFORM TO ALL REQUIREMENTS OF ACI 522.1-13 SPECIFICATION FOR PERVIOUS CONCRETE PAVEMENT PUBLISHED BY THE AMERICAN CONCRETE INSTITUTE, EXCEPT AS DIRECTED BY THE ENGINEER. CONCRETE MIX SHALL MEET THE FOLLOWING:
 - A. 100% PASSING 3/8" SIEVE
 - B. WATER/CM RATIO BETWEEN 0.28-0.35
 - C. MINIMUM INFILTRATION RATE OF 100 INCH/HOUR PER ASTM C1701
3. AGGREGATE FOR SUBBASE SHALL BE CLEAN, ANGULAR ROCK CONFORMING TO PERMEABLE BALLAST WSDOT 9-03.9(2).
4. PERVIOUS SIDEWALK SHALL NOT CONTAIN SURFACE MOTTLING.
5. WHERE PERVIOUS SIDEWALK IS WITHIN CRITICAL ROOT ZONE OF EXISTING TREES TO BE SAVED, REDUCE SUBBASE DEPTH TO 2".
6. SIDEWALK SHALL NOT BE POURED IN ADVERSE WEATHER CONDITIONS. SEE POLICY R-8, PLACING CONCRETE OR ASPHALT IN ADVERSE WEATHER CONDITIONS.
7. MIN. 6" THICKNESS OF PERVIOUS CONCRETE THROUGH DRIVEWAY APPROACHES, APRONS, AND SIDEWALKS ADJACENT TO CURBS AT STREET INTERSECTION RADII.
8. WHEEL CHAIR CURB RAMP SHALL BE 4000 PSI P.C.C. CAST IN PLACE CONCRETE PER STANDARD PLAN CK-R.21.
9. PERVIOUS CONCRETE SIDEWALK SHALL BE TESTED PRIOR TO ACCEPTANCE. ONE TEST PER 2500 SF AREA MINIMUM. TESTING SHALL MEET ASTM C1701 AND SHALL MEET A MINIMUM OF 100 IN/HR.
10. IMPERVIOUS CHECK DAMS IN THE BASE COURSE ARE REQUIRED FOR SLOPES AT 5% OR GREATER. REFER TO DETAIL L.10 FOR CHECK DAM DETAILS.

CITY OF KIRKLAND

PLAN NO. CK- L.06



**PERVIOUS CONCRETE
SIDEWALK**