



SECTION B-B

-) Inlet shall be paved swale, rectangular conduit, or pipe(s). Max. inlet diameter/height shall be curb height minus 2". A junction box shall have access/cleanout. Inlet type shall have approval of City Engineer.
- (2) Frame and covers: NEENAH R-4990, type D, soild top with PERMA-GRIP surface, or approved equal. When underdrain is located in Mission tile sidewalk, covers shall be coated with epoxy paint colored to match sidewalk color.
- (3) Cover length shall maintain a cover weight of at least 100 lbs each.
- (4) Underdrain shall not be closer than 5' from driveway or curb return.
- (5) 1" radius at end of channel, each side of outlet.
- (6) Frame end piece, required for alternate method.
- 7 Channel slope shall be no less than 2% and shall be parallel with sidewalk surface.
- (8) #4 rebar @ 12" o.c., both ways.
- (9) Concrete shall be Class 3.
- (10) Channel width varies, 18" min. and 3' max.
- 11) See Engineering Standard #4110 for notes regarding required pavement removal & repair.

REVISIONS	BY	APP	DATE
New border	JDL	WAP	5-98
Revise re-bar specs	JDL	WAP	11-98
STANDARD CURRENT AS OF:	January 2008		



SIDEWALK UNDERDRAIN WITH COVER PLATES