NOTES:

1. Inlet shall be paved swale, rectangular conduit or pipe(s). Maximum inlet diameter/height shall be curb height minus 2". Inlet conduits larger than 4" diameter/height must be reduced with a manifold or junction box. A junction box shall have access/cleanout. Inlet shall be approved by the University Engineer.

2. Underdrain shall not be installed in driveway wings or curb return.

3. Rectangular cast iron pipe: Alhambra A-470, South Bay Foundry A9000 or approved equal.

4. Cast iron pipe: 3" max. diameter (6" curb) or 4" max. diameter (8" curb).

5. #4 Rebar @ 12" O.C.

6. Concrete shall be Class 3.

7. Channel slope shall be parallel with sidewalk surface.

8. Multiple drains shall have 3" minimum to 6" maximum clearance with maximum of 3 drains per 10' of sidewalk. Drains shall not extend beyond curb face into gutter.

9. See Engineering Standard 4110 for notes regarding required pavement removal and repair.

SCALE: N.T.S.

SIDEWALK UNDERDRAIN WITH PIPES