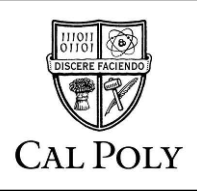


NOTES:

- ① Inlet shall be paved swale, rectangular conduit, or pipe(s). Maximum inlet diameter/height shall be curb height minus 2". A junction box shall have access/cleanout. Inlet type shall have approval of University Engineer.
- ② Frame and Covers: NEENAH R-4990, type D, solid top with PERMA-GRIP surface, or approved equal. There shall be a 1/8" space between the frame and the lid.
- 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 parallel with sidewalk surface.
- ⑧ #4 Rebar @ 12" O.C., both ways.
- ⑨ Concrete shall be Class 3.
- ⑩ Channel width varies: 18" min. to 27" max.
- ⑪ See Engineering Standard 4110 for notes regarding pavement removal and repair.

SCALE: N.T.S.

STANDARD CURRENT AS OF:	01/21/2020
APPROVED BY:	XX
NOTES:	



**SIDEWALK UNDERDRAIN
WITH COVER PLATES**