

FIG. A

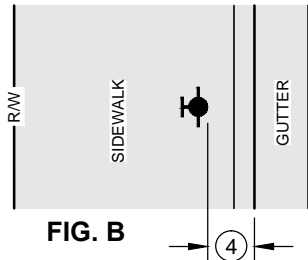


FIG. B

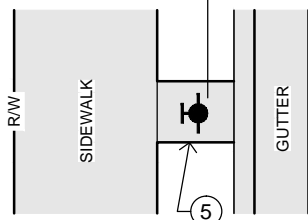
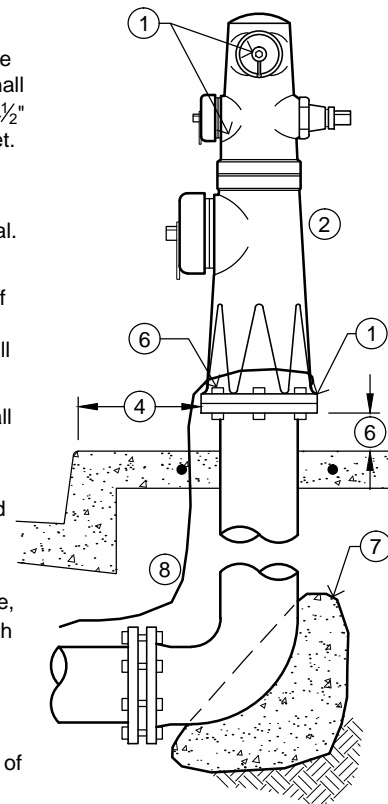


FIG. C

INSTALLATION NOTES:

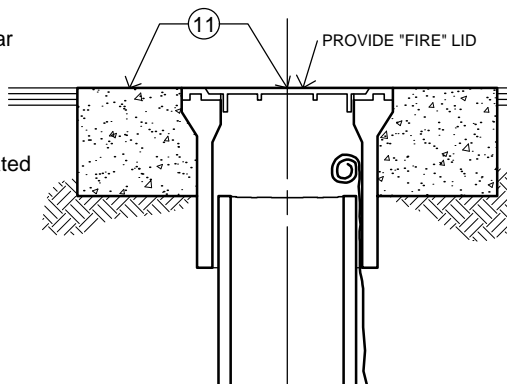
- ① Hydrant shall have 6-hole flange, all bronze body and bronze caps: Jones 3760, Clow 2060 or approved equal. Outlets shall be manufacturer's 2½" National Standard hose thread and 4½" National Standard thread. 4½" outlet shall point toward street. Hydrant shall be bagged until it is available for use.
- ② Hydrant shall be painted with Sherwin Williams ALLY 237 Industrial Enamel - Safety Yellow Base or an approved equal.
- ③ Hydrant shall be located behind sidewalk if sufficient right-of-way exists (Fig. A), or behind curb (Figs. B and C). If located behind sidewalk, 12" minimum clearance shall be provided between back of sidewalk and outlet cap nut. Install hydrant reflector(s) per Engineering Standard 7920.
- ④ Standard setback from curb face is 18" to 21". Sidewalk shall have a minimum of 42" of clearance.
- ⑤ When located in unpaved area, hydrant installation shall include 4' x 4' x 6" minimum PCC pad doweled into curb and sidewalk with #4 @ 18" o.c and one #4 rebar hoop.
- ⑥ Hydrant shall be installed to provide 3" min. to 4" max. clearance between underside of flange and sidewalk surface, and shall have 5/8" x 3" drilled break-away bolts installed, with nuts on top of flange and bolts filled with silicone or butyl caulk.
- ⑦ Thrust block, Class 3 PCC, shielded from flanges and bolts.
- ⑧ Tracer wire shall be brought to the surface with a minimum of 18" above finished grade. See Engineering Standard 6340 and Trench Details.



FIRE HYDRANT

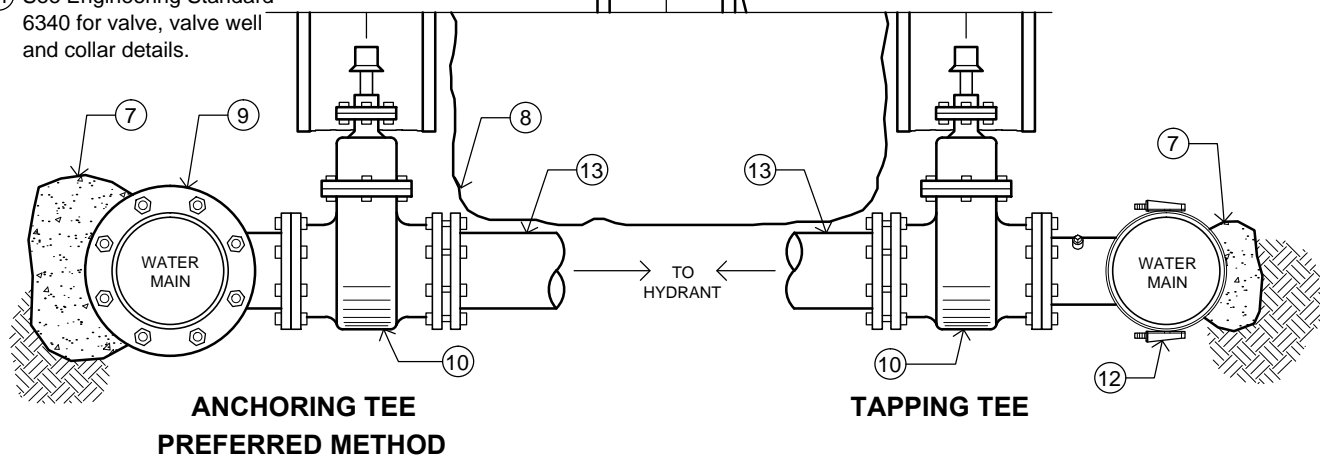
NOTES (cont'd):

- ⑨ Cut-in tee, MJ x MJ x Flange. If regular line run tee is used, a swivel x solid adapter (pup) shall be used. See Engineering Standard 6320.
- ⑩ Gate valve, Flange x MJ, resilient seated with fully-encapsulated gate, epoxy-coated inside and outside, full-size waterway, open to the left, non-rising stem with O-ring seals, AVK, CLOW F-6100, or approved equal, and shall conform to AWWA Standard C-509.
- ⑪ See Engineering Standard 6340 for valve, valve well and collar details.



- ⑫ Tapping sleeve, ROMAC SST - stainless steel, or approved equal.
- ⑬ Laterals shall be Class 200 PVC or ductile iron, 6" min. diameter.

Tap method must be approved by the University prior to commencing any utility work.



**ANCHORING TEE
PREFERRED METHOD**

TAPPING TEE

SCALE: N.T.S.

STANDARD CURRENT AS OF: 01//

APPROVED BY: XX

NOTES:



CAL POLY

**FIRE HYDRANT
ASSEMBLY**

6310