

FIG. A

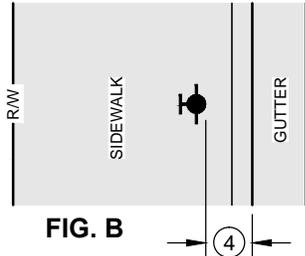


FIG. B

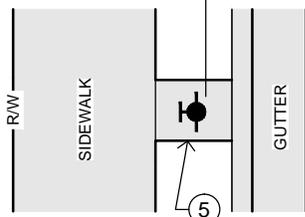
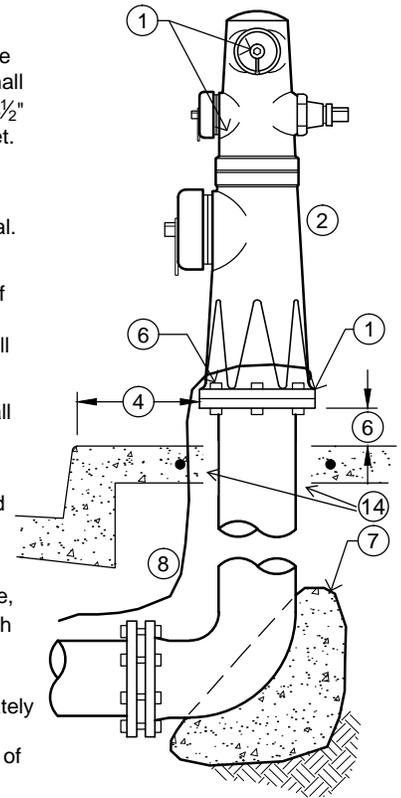


FIG. C

INSTALLATION NOTES:

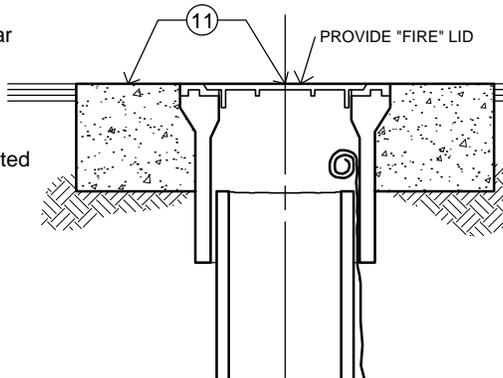
- ① Hydrant shall have 6-hole flange, all bronze body and bronze caps: Jones 3760, Clow 2060 or approved equal. Outlets shall be manufacturer's 2½" National Standard hose thread and 4½" National Standard thread. 4½" outlet shall point toward street. Hydrant shall be bagged until it is available for use.
- 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 PCC unless piping and joints are adequately restrained with joint restraints
- ⑧ Tracer wire shall be brought to the surface with a minimum of 18" above finished grade. See Engineering Standard 6340 and Trench Details.



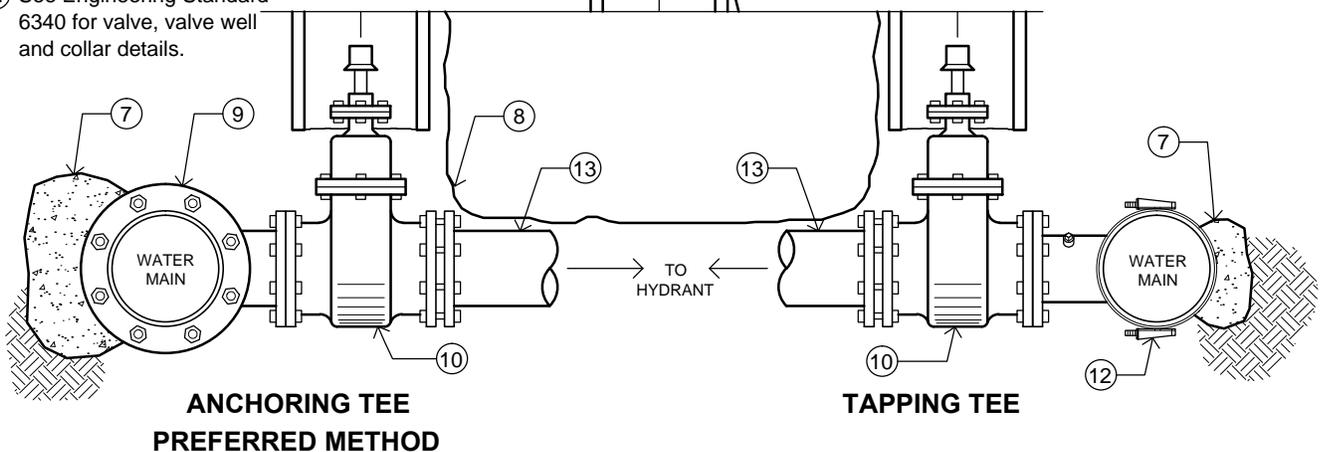
FIRE HYDRANT

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.
- ⑭ Annular Space to be provided per Current Adopted International Fire Code, as amended by California), and Current Office of State Fire Marshal Adopted Edition, and per Associated NFPA Current Office of State Fire Marshal Adopted Edition 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: 01/01/2025

APPROVED BY: XX

NOTES:



CAL POLY

**FIRE HYDRANT
ASSEMBLY**

6310