

CONSTRUCTION STANDARDS DIVISION 21 – FIRE SUPPRESSION

SECTION 21 11 16 – FIRE HYDRANTS

PART 1: GENERAL

1.01 Design Guidelines

- A. Fire hydrants on the Texas State University campus will comply with the latest City of San Marcos fire hydrant specifications.
- B. Fire hydrants on the university property and are supplied by university water will be painted with reflective red paint.
- C. Fire hydrants on the university property and are supplied by city water will be painted with reflective red with the bonnet painted silver.

2.01 Installation standards.

- A. All fire hydrants shall have two National thread standard hose outlets of two and one-half inches in diameter, and one outlet of four inches in diameter, with a five-inch Storz adapter and cap.
- B. All fire hydrants shall stand plumb.
- C. All fire hydrants shall be set to finished grade with the lowest outlet thereof no less than 18 inches above grade and with no less than 36 inches of unobstructed area for the operation of hydrant wrenches on all outlets and the control valve.
- D. All fire hydrants shall be installed with the pumper port facing the nearest street.
- E. All fire hydrants shall be equipped with an auxiliary gate valve installed between the service line within 5 feet and the hydrant to permit repair or replacement of the hydrant without disruption of water service.

END OF SECTION 21 11 19