

**CITY OF DUNSMUIR**  
**CONSTRUCTION STANDARDS**

**October 2015**

The City of Dunsmuir has adopted the City of Redding Construction Standards with the specific exceptions listed below. Substitute "City of Dunsmuir" for references to the "City of Redding."

- STD. 100.00      Revise Note 1 as follows: Asphalt Binder shall be PG 64-22 or PG 64-28.
- Revise Note 6 as follows: Concrete (PCC) – Concrete for curbs, gutters, sidewalks, concrete collars, and minor structures shall be Class 520-C-2500 per the Standard Specifications for Public Works Construction (Greenbook) with 4½ to 6 percent maximum air entrainment.
- STD. 134.00      Minimum depth of curb shall be 14 inches instead of 12 inches.
- STD. 232.80      Delete.
- STD. 300.00      VCP may not be used.
- STD. 300.20      Sewer pipes may be laid through a line manhole, except where a grade or line change occurs. Minimum drop through all other manholes shall be the difference in pipe diameter or 0.20 feet, whichever is greater, except where otherwise approved by the City Engineer.
- STD. 300.80      Bedding material shall be imported well graded sand gravel mix, maximum size of ¾-inch, free from all organic matter and debris; minimum sand equivalent of 30. In paved areas with pipe slope greater than two percent, use a silt-sand-gravel mixture with gradation corresponding to that for Caltrans Class 2 aggregate base - ¾-inch maximum size. Uniformly graded crushed rock may not be used.
- STD. 301.00      Locate sewer laterals near the middle of the lot, except where otherwise approved by the City Engineer.
- Revise Note 6 as follows: Sewer taps on live sewer mains shall be performed by a licensed contractor in the presence of the City Inspector.
- STD. 350.00      Sewer mains shall terminate at a manhole, except where otherwise approved by the City Engineer.
- STD. 364.20      Manhole Frames and Covers: Iron casting conforming to ASTM Designation A48, Class 30. Each cover shall have the word "SEWER," "SM" or "SS," cast into the top with 2-inch high letters. Castings shall be of a consistently

high quality and shall be free of material and manufacturing defects. Following cleanup and final machining, an asphaltic paint or similar protective coating shall be applied.

Covers shall have at least one blind pick hole or recessed lifting lug. Open holes are not acceptable. Horizontal bearing surfaces shall be machined to smooth, plane surfaces providing for full contact between frame and cover.

The minimum weight of the frame shall be 135 pounds.

Covers shall be South Bay Foundary Series 1900, D&L Model A-1024 or equal designed for heavy traffic duty.

Where specifically called for on the Plans, the above specified covers shall be provided with a bolt-down feature incorporating a minimum of four hex head stainless steel bolts.

- STD. 364.30 See STD. 364.20.
- STD. 400.00 The minimum size of water mains with fire hydrants is 8 inches, except where otherwise approved by the City Engineer. 10-inch PVC C-900 pipe may be used where appropriate.
- STD. 401.00 Corporation stops are required on all new water services.
- STD. 610.00 All Class A and Class B trenches shall be mechanically compacted. Trench backfill shall be compacted to 90 percent of maximum density per AASHTO T-180 up to subgrade elevation. Compaction shall be 95 percent above subgrade elevation. See STD. 601.00 for minimum testing frequency. Jetting of trenches is not permitted.
- STD. 622.00 Storm drains larger than 36 inches in diameter shall be located in the street section at a location approved by the City Engineer.