



City of Henderson Standard Sewer Notes

Effective: May 7, 2019

1. All construction and materials shall be in accordance with the latest edition of the *Design & Construction Standards for Wastewater Collection Systems* (DCSWCS), including the City of Henderson Addendum, and the *Uniform Standard Specifications for Public Works Construction Off-Site Improvements, Clark County Area, Nevada*, as amended. In all cases, the DCSWCS shall supersede the Uniform Standard Specifications. It will be the responsibility of the contractor to be aware of the contents of the above specification books. All materials utilized shall conform to the latest edition of the City's Approved Materials List.
2. Sewer mains only shall be laid in sewer trenches.
3. It shall be the contractor's responsibility to perform construction per plans.
4. Any additions, deletions, or changes shall first meet with the approval of the City of Henderson.
5. Soil testing shall be in accordance with Section 3.15 of the DCSWCS.
6. All exfiltration, infiltration, air testing and televising of lines shall be in accordance with the DCSWCS.
7. Cut Sheets must be submitted to the Agency before construction will be permitted to start.
8. All contractors installing sewer mains that will be under the jurisdiction of the City of Henderson must be Class "A" contractors.
9. All house sewer laterals shall be laid to a minimum 2 percent slope and shall conform to all standards for construction of offsite improvements in the Clark County area, unless receiving specific project approval.
10. All sanitary sewer manholes shall be constructed with 24-hour, seven day a week, all-weather drivable access to accommodate sewer maintenance vehicles. This includes a 12-foot wide access road with a minimum 50-foot inside turning radius.
11. During the construction of new facilities, a debris trap shall be provided in accordance with Standard Drawing SD-27 in the first manhole upstream from the existing sewer to which the new sewer will be connected and a trap is installed in the outlet pipe of that manhole to prevent debris from entering the existing sanitary sewer. This trap shall remain in place until the new sewer is completed, tested, and is ready for transfer to the Agency.
12. All manholes under construction shall have plywood placed in the base to stop debris from getting into the sewer main. All plywood shall be removed before cleaning and acceptance.
13. Any manhole being modified that has an existing lining system requires the repair of the lining system after all modifications are complete.

14. Any sewer manhole lining system shall only be installed after all final grade adjustments are complete for that manhole.
15. All sewer mains under construction at less than one (1) percent shall be staked for construction at a maximum of 20 feet on center.
16. Sewer laterals shall make connection to sewer mains only. Sewer laterals shall not be connected directly to any sewer manhole.
17. A single type of pipe material shall be used from manhole to manhole. A change in sewer main pipe material or pipe size shall only occur at a manhole.
18. All sewer mains for “future” developable areas will be constructed using C-900 pipe material.