

APPENDIX 22: SUGGESTED GENERAL CONSTRUCTION NOTES

1. When materials which are unsuitable for subgrade, or other roadway purposes, occur within the limits of street construction, the contractor shall be required to excavate such material below the grade shown on plans, and the areas so excavated shall be backfilled with approved suitable materials. The extent of undercutting and backfilling shall be determined by the Department of Public Works, City of Chesapeake, Virginia.
2. All rough grading must be completed to the right-of-way limits prior to the installation of curb and gutter.
3. Temporary drainage during construction to be provided by the Developer to relieve areas that may cause damage to roadways as directed by the Department of Public Works, City of Chesapeake, Virginia.
4. All construction methods & materials shall conform with the current specifications and standards of the Department of Public Works, City of Chesapeake, Virginia (DPW) except where otherwise noted. DPW's construction standards are set forth in their Public Facilities Manual, Volume II. A copy of which must be purchased from DPW by the Contractor and kept at the job site at all times. References to VDOT shall mean the current standards and/or specification of the Virginia Department of Transportation.
5. This plan does not guarantee the existence, non-existence, size, type, location alignment or depth of any or all underground utilities or other facilities. Where surface features (manholes, catch basins, valves, etc.) are unavailable or inconclusive, information shown may be from utility owner's records and/or electronic line tracing, the reliability of which is uncertain. The contractor shall perform whatever test excavation other investigation is necessary to verify tie-in inverts, locations and clearances, and shall report immediately any discrepancies. Utility companies shall be notified 48 hours in advance of any excavation in the proximity of their utilities. The contractor shall be responsible for repairing at his expense any existing utilities damaged during construction.
6. Elevations as shown hereon are in feet and are based on National Geodetic vertical datum of 1929.
7. Existing trees that are designated to be retained after construction shall be protected during construction in the following ways, and as per Virginia Erosion and Sediment Control Standard Specifications 1.85.
 - a. Prior to any clearing, grading or construction, protective barriers shall be placed around all trees to be retained on the site to prevent the destruction or damage of trees. These will be located in a circular pattern with a radius equal to the length of the widest or longest ranch. Material will not be stockpiled within this defined area and other equipment are to be excluded to avoid soil compaction. The only exception to this requirement will be those specifically allowed by these standards and specifications.

- b. Boards or wires of non-protective nature will not be nailed or attached to trees during building operations.
 - c. Heavy equipment operations will be cautioned to avoid damage to existing tree trunks, and roots during land leveling operations. Feeder roots should not be cut in an area equal to twice the tree circumference (measured 4-1/2' above ground in inches). Expressed in feet. (Example - circumference of ten inches would have a "no cut" zone of twenty feet in all directions from the tree). This should apply to ditching for all utilities services, if feasible.
 - d. All tree limbs damaged during building or leveling, or removed for any other reason, will be sawed flush to tree trunk.
 - e. All roots severed or severally damaged during building or land leveling shall be trimmed to remove damaged or splintered area. Exposed roots should be covered and moistened immediately after exposure.
8. All drainage structures inverts to be shaped in accordance with Chesapeake Standard IS-1.
9. Before any work of any nature is started within the limits of City streets right-of-way, a permit must be obtained from the Department of Public Works, Chesapeake.
10. All power poles, mailboxes and fences are to be relocated as required.
11. Adjacent property owners shall be notified 30 days prior to construction. (07/01)