

STANDARD GRADING NOTES

Revised January 2022

1. Grading shall not result in any additional water runoff to adjoining property. If additional water runoff does result, the applicant will submit a plan of corrective action for City of Lynnwood (City) approval and will commence with that action immediately upon notice from the City.
2. The Contractor shall be responsible for maintaining and repairing existing improvements, as required, until construction is approved by the City Public Works Department.
3. The City shall verify and approve all backfill trenches and roadway subgrade prior to paving. The City will be provided with the density report from a certified "Testing lab" showing satisfactory compaction per Standard Specifications 2-03.3(14)D. All subgrade preparatory requirements shall conform to section 2-06 of the Standard Specifications.
4. The maximum cut/fill slope shall not exceed 2 feet horizontal to 1 foot vertical, unless otherwise approved by the City. At no time shall the toe of any fill slope be nearer to the property line than 1/2 the fill height with a minimum of 2 feet. Cut slopes shall not be nearer to a property line than 1/5 the height of the cut with a minimum of 2 feet.

5. Frequency of Trench Compaction Testing

- a) Horizontally: A minimum of two locations every 200 feet of trench, or a minimum of two locations per day, whichever is more frequent shall apply.

Additional tests may be required when variations occur due to the Contractor's operations, weather conditions, site conditions, etc.

- b) Vertical testing shall use the deepest portion of the trench line to determine minimum testing depths as follows:
 - For trenches 12-feet and under, complete a minimum of one test at approximately one half of the trench depth and an additional test at or near the surface.
 - For trenches 12- to 16-feet-deep, complete tests at approximately 4-foot intervals above the pipe, one test at or near the surface, and one test approximately halfway in between.
 - For trenches greater than 16-feet-deep; complete tests at approximately four-foot intervals above the pipe to the surface (four tests required) or as directed by the City.
- c) Structured areas, such as an easement near a building, shall require additional testing in the zone of influence from the licensed geotechnical consultant such that the compaction shall not adversely affect the nearby or surrounding structures.
- d) If compaction does not meet the minimum standards required, additional excavation and testing as directed by the City shall be completed. The City reserves the right to require additional testing in areas that are questionable.
- e) Compaction testing costs are the responsibility of the Contractor. Copies of all testing reports shall be provided to the City for verification and project records and jurisdictional

approvals.

Acronyms and Terms	Definition
City	City of Lynnwood