

City of Arvada
Standard Erosion and Sediment Control
Construction Plan Notes

January 12, 2016

- A. The City of Arvada stormwater inspector must be met on site and provided with a stormwater management plan after installation of temporary best management practices (BMPs), but before construction or grading begins.
- B. There shall be no earth-disturbing activity outside the limits designated in the accepted plans.
- C. All required perimeter silt and construction fencing shall be installed prior to any land disturbing activity (stockpiling, stripping, grading, etc). All other required erosion control measures shall be installed at the appropriate time in the construction sequence as indicated in the approved project schedule, construction plans, and stormwater management plan.
- D. At all times during construction, the Developer shall be responsible for preventing and controlling on-site erosion including keeping the property sufficiently watered so as to minimize windblown sediment. The Developer shall also be responsible for installing and maintaining all erosion control facilities shown herein.
- E. Pre-disturbance vegetation shall be protected and retained wherever possible. Removal or disturbance of existing vegetation shall be limited to the area(s) required for immediate construction operations, and for the shortest practical period of time.
- F. All soils exposed during land disturbing activity (stripping, grading, utility installations, stockpiling, filling, etc.) shall be kept in a roughened condition by ripping or disking along land contours until mulch, vegetation, or other permanent erosion control BMPs are installed. No disturbed areas, except those within the project street rights-of-way, shall remain exposed for more than thirty (30) days before temporary or permanent erosion control (e.g. seed/mulch, landscaping, etc.) is installed, unless otherwise approved by the City of Arvada stormwater inspector.
- G. In order to minimize erosion potential, all temporary (structural) erosion control measures shall:
 - 1. Be inspected at a minimum of once every fourteen (14) days and after each significant storm event and repaired or reconstructed as necessary in order to ensure the continued performance of their intended function.
 - 2. Remain in place until such time as all the surrounding disturbed areas are sufficiently stabilized. The City of Arvada stormwater inspector must be notified prior to removal.
 - 3. Be removed when they are no longer functional or after the site has been sufficiently stabilized as determined by the stormwater inspector. The City of Arvada stormwater inspector must be notified prior to removal.
- H. When temporary erosion control measures are removed, the Developer shall be responsible for the clean up and removal of all sediment and debris from all drainage infrastructure and other public facilities.

- I. The contractor shall immediately clean up any construction materials inadvertently deposited on existing streets, sidewalks, or other public rights of way, and make sure streets and walkways are cleaned at the end of each working day.
- J. All soil stockpiles shall not be placed within one hundred (100) feet of a drainageway, where possible, and shall be protected from sediment transport by appropriate erosion control methods. Any soil stockpile that will be dormant for over thirty (30) days shall be seeded.
- K. The stormwater volume capacity of detention ponds will be restored and storm sewer lines will be cleaned upon completion of the project and before turning the maintenance over to the property owner or Homeowners Association (HOA).
- L. City Ordinance requirements make it unlawful to discharge or allow the discharge of any pollutant or contaminated water from construction sites. Pollutants include, but are not limited to discarded building materials, concrete truck washout, chemicals, oil and gas products, litter, and sanitary waste. The developer shall at all times take whatever measures are necessary to assure the proper containment and disposal of pollutants on the site in accordance with any and all applicable local, state, and federal regulations.
- M. A designated area shall be provided on site for concrete truck chute washout. The area shall be constructed so as to contain washout material and located at least fifty (50) feet away from any waterway during construction. Upon completion of construction activities the concrete washout material will be removed and properly disposed of prior to the area being restored.
- N. Masonry activities will be contained with appropriate lot-specific BMPs, such as stockpile perimeter control and bermed washout pits. All waste products from masonry activities will be removed and disposed of properly.
- O. To ensure that sediment does not move off of individual lots sediment/erosion control BMPs shall be installed and maintained at one or more of the following locations until the lots are landscaped.
 - 1. Below all gutter downspouts.
 - 2. Out to drainage swales.
 - 3. Along lot perimeter.
 - 4. Other locations, if needed.
- P. A vehicle tracking pad shall be installed wherever it is necessary for construction equipment including but not limited to personal vehicles exiting existing unpaved areas onto roadways. No earthen materials, i.e., stone, dirt, etc., shall be placed in the curb & gutter or roadway as a ramp to access temporary stockpiles, construction materials and/or building sites.
- Q. Conditions in the field may warrant erosion control measures in addition to what is shown on these plans. The Developer shall implement whatever measures are determined necessary, as directed by the City of Arvada.