

PART 10 - EROSION CONTROL

10.01 APPROVALS AND PERMITS

- A. Erosion-control plans must be certified by a professional engineer registered in the State of Iowa.
- B. Erosion-control plans must be reviewed and approved by the City Engineer.
- C. Other local, state and federal permits may be required, depending on the circumstances. It shall be the responsibility of the Engineer of Record to acquire all applicable permits. A copy of all permits shall be provided to the City Engineer before construction.

10.02 THRESHOLDS

Residential, commercial and industrial developments larger than 1 acre in size will require an erosion-control plan.

10.03 REQUIREMENTS

- A. Erosion-control plans shall be designed with the following general goals in mind:
 - 1. To protect the site from the significant loss of soil and top soil due to erosion.
 - 2. To protect downstream properties and facilities from the deposition of sediments.
 - 3. To protect onsite facilities and public improvements from damages due to erosion.
 - 4. To protect water quality.
- B. The erosion-control plans will designate an individual, including name, title, address and phone number, to be responsible for the following duties throughout the duration of the project:
 - 1. Initial installation of the erosion control measures specified by the erosion control plan.
 - 2. Site inspections on a weekly basis and after rains greater than ¼ inch to assess the effectiveness of existing erosion control measures and to direct installation of additional erosion control measures in response to problems noted during said inspections. The designated individual will keep a log of the inspections and any corrective measures taken. No inspections are required while the ground is frozen or there is snow cover. Inspections will resume when the snow begins to melt. Inspections will continue until

adequate ground cover is established to control erosion.

10.04 METHODS

- A. Methods of erosion control shall be consistent with those outlined in the Iowa Construction Site Erosion Control Manual or other commonly accepted engineering practices.
- B. The plan shall include provisions for responding to unanticipated erosion problems as they arise during the construction process.
- C. Special care shall be taken to prevent erosion behind the curbs and beneath the pavement of streets.