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## CH15 15 .20 - Erosion and Sedimentation Control Principles

The following measures shall be considered in minimizing erosion and sedimentation and shall be included where applicable in the erosion control plan:

- A. Stripping of vegetation, regrading, or other development shall be done in such a way that will minimize erosion.
- B. Development plans shall preserve salient natural features, keep cut-fill operations to a minimum, and ensure conformity with topography so as to create the least erosion potential and adequately handle the volume and velocity of surface water run-off.
- C. Whenever feasible, natural vegetation shall be retained, protected and supplemented.
- D. The disturbed area and the duration of exposure shall be kept at a practical minimum.
- E. Disturbed soils shall be stabilized as quickly as practicable.
- F. Temporary vegetation and mulching shall be used to protect exposed critical areas during development.
- G. The permanent final vegetation and structural erosion control and drainage measures, shall be installed as soon as practical in the development.
- H. Provisions shall be made to effectively accommodate the increased run-off caused by changed soil and surface conditions during and after development.
- I. Where necessary the rate of surface water run-off will be structurally retarded.
- J. Sediment in the run-off water shall be trapped until the disturbed area is stabilized by the use of debris basins, sediment bases, silt traps, or similar measures.