

BUILDING AND CONSTRUCTION

3. A one-day supply of explosive material shall be transported to the blasting site in Type II magazine(s) as defined by Article 77 Section 203 of the Uniform Fire Code.
4. Detonators shall not be stored with high explosives.
5. Explosive material storage shall be located a minimum of a 300-foot radius from the blasting site.
6. At no time shall the explosive be left unattended.

Section 5-10-5 Grading And Dust Control Regulations 360 454 552 577 594 2018-14

A. Purpose

The Town Council has adopted a General Plan which encourages preservation of natural features. The Town Council also desires to reduce air pollution by limiting fugitive dust, and further seeks to minimize the possible impact of property flooding due to storm water drainage.

These goals have in common that they are all furthered by maintaining the surface of the earth in an undisturbed natural state. Disturbance of the earth's surface should occur only when necessary, and should be done in a manner which reflects an understanding of the unique local environment.

B. Grading Permits Required for Land Disturbance 454 552 2018-14

1. For the purpose of this Article, the following terms shall have the meanings respectively ascribed to them in this Section:
 - a. Grading means any excavating or filling or otherwise changing the gradient of land.
 - b. Excavating means the removal of earthen material resulting in a lowering of the grade at that location.
 - c. Filling means dumping or depositing earthen material resulting in raising of the grade at that location.
 - d. Earthen material means any rock, natural soil or any combination thereof.
 - e. Land disturbance or disturb the land or similar words means clearing, grading, grubbing, scraping, excavating, filling, uncovering, destabilizing, moving or otherwise modifying the earth's surface.
 - f. Vacant lot shall mean developed land upon which no person or persons reside or use for the purpose for which the land was developed.
2. No land disturbance may occur on any lot or parcel in the Town without a grading permit being first obtained from the Town Engineer, and, if necessary, a hauling

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permit and payment of the hauling permit fees, as prescribed in the “Town of Paradise Valley Fee Schedule,” except as otherwise provided herein. No grading permit may be issued without the following submittals, each in a form approved by the Town Engineer:

- a. A grading plan prepared by a Civil Engineer.
 - a) Where excavation is to occur the top four (4) inches of excavated native soil shall remain on the site and shall be reused in a manner that takes advantage of the natural soil seed bank it contains.
 - b) The grading plan shall contain the preparing engineer’s certification of the 100 year water surface elevation and finished floor elevation.
 - c) The building pad shall not exceed two (2) feet in height except where required to protect the building against flooding, in which case the pad shall be one (1) foot above the water surface elevation of the 100 year event.
 - d) A stabilization plan describing how areas potentially prone to erosion will be protected.
 - e) A drainage plan showing washes in an undisturbed state except for modifications approved by the Town Engineer that are required to accommodate storm water. Washes shall not be realigned except as approved by the Town Engineer and Community Development Director when necessary to accommodate storm water or to restore a disturbed wash to a more natural state. Realignments and modifications of washes shall be consistent with the Storm Drainage Design Manual.
 - b. Dust control plan meeting the requirements of Rule 310 of the Maricopa County Air Pollution Control Regulations, as amended.
 - c. A native plant inventory, native plant salvage plan, and revegetation plan using plants from the Town’s approved plant palette.
 - d. A fencing plan showing the location and means of temporary fencing that separates the construction area from the portions of the site which will not be disturbed.
 - e. Such other information as may be required by the Town Engineer.
3. The following activities are exempt from the requirements of a grading permit:
- a. Percolation or test borings or similar soil tests (100 square feet maximum in size) prior to issuance of a building or grading permit;

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- b. Landscaping alterations or improvements made by a person in residence on the affected premises, provided that there will be no land disturbance which affects any storm water drainageway or storm water storage area.

C. Dust Control

Prior to the issuance of grading, building, or demolition permits or recording of a final subdivision plat or lot split, the owner or contractor causing or performing any grading, landscaping, building or demolition must furnish a written plan specifying the method or means of controlling dust. For the purpose of this Section, dust means all fugitive particulate matter as defined by applicable Maricopa County Fugitive Dust Regulations.

If, after grading, a person causes or allows any vacant lot or parcel to remain unused, vacant, or undeveloped for more than fifteen (15) days the person shall first implement reasonably available control measures to effectively prevent or minimize fugitive dust.

D. Parking Sites

All unpaved areas used to park vehicles or construction equipment must be paved, vegetated, or chemically stabilized to prevent fugitive particulate matter.

E. Enforcement, Revegetation/Stabilization Plan ^{577 594}

Any person who has disturbed land and not complied with this Article is required to submit a Stabilization/Revegetation Plan for approval to the Town within fifteen (15) days of receipt or service of a Notice of Violation or citation under this Section. All permits for the development of the property are suspended until the revegetation has been completed and approved. The Stabilization/Revegetation Plan is in addition to the Native Plant Preservation Plan required in Section 5-8-4.

Section 5-10-6 Drilling Permits, Restrictions And Penalties

A. Drilling Permits Required; Restrictions and Revocation

1. Permits required. Unless otherwise provided by this Code or applicable law, it is unlawful for any person, political subdivision, or utility, without first having obtained a permit from the Town Engineer, to drill on, under or into the surface of the earth on any private property, streets or roads. Each permit shall be limited to a specific site and duration. Drilling shall mean to make or cause to make a circular hole in the ground where the depth exceeds fifteen feet with a diameter of forty (40) inches or less.
2. Restrictions on Drilling Operations
 - a. Hours of drilling shall be limited to 7:00 a.m. to 6:00 p.m. Monday through Friday, and shall be prohibited on all legal holidays recognized by the Town,