

21.50.020 Site development standards – Level one.

This section establishes level one site development standards.

a. Slopes. All development on a site affected by a slope of 15 percent or more, bluff, coastal bluff or ravine, as described in HCC 21.44.020, shall be subject to the requirements of Chapter 21.44 HCC in addition to the requirements of this section.

b. Drainage. All development activity on lands shall conform to the following:

1. Development shall provide a drainage system that is designed to deposit all runoff into either an engineered drainage system or into a natural drainage.
2. Where open-ditch construction is used to handle drainage within the development, a minimum of 15 feet shall be provided between any structures and the top of the bank of the defined channel of the drainage ditch.
3. When a closed system is used to handle drainage within the development, all structures shall be a minimum of 10 feet from the closed system.

c. Landscaping Requirements. All development activity on lands shall conform to the following:

1. Development activities shall not adversely impact other properties by causing damaging alteration of surface water drainage, surface water ponding, slope failure, erosion, siltation, intentional or inadvertent fill or root damage to neighboring trees, or other damaging physical impacts. The property owner and developer shall take such steps, including installation of culverts or buffers, or other methods, as necessary to comply with this requirement.
2. Upon completion of earthwork, all exposed slopes and all cleared, filled, and disturbed soils shall be protected against subsequent erosion by methods such as, but not limited to, landscaping, maintenance of native vegetative cover, or plantings to minimize invasive species.
3. All exposed, cleared, filled and disturbed soils shall be revegetated within nine months following the initiation of earthwork, or reseeded by the next August 31st. Native revegetation is acceptable if the site naturally revegetates within that nine-month period. If native revegetation is not successful within that nine-month period, the property owner and developer shall revegetate by other means no later than the end of that nine-month period.
4. Drainage can be stabilized by other means than vegetation, if approved in writing by the City Engineer.

d. A stormwater plan approved under Chapter 21.75 HCC is required for development that:

1. Creates more than 25,000 square feet of new impervious surface area on a lot;
2. Increases the total impervious surface area of a lot beyond one acre;
3. Includes grading, excavation or filling that cumulatively moves 1,000 cubic yards or more of material; or

4. Includes grading, excavation or filling that creates a permanent slope of 3:1 or more, and that has a total height, measured vertically from toe of slope to top of slope, exceeding 10 feet. [Ord. 15-08(S)(A) § 1, 2015; Ord. 13-27 § 13, 2013; Ord. 10-56 § 3, 2011; Ord. 10-54 § 1, 2011; Ord. 08-29, 2008].

21.50.030 Site development standards – Level two.

This section establishes level two site development standards.

a. Site Development.

1. Development shall not adversely impact other properties by causing damaging alteration of surface water drainage, surface water ponding, slope failure, erosion, siltation, or root damage to neighboring trees, or other adverse effects.
2. Upon completion of earthwork, all exposed slopes and all cleared, filled, and disturbed soils shall be protected against subsequent erosion by methods such as, but not limited to, landscaping, planting, and maintenance of vegetative cover.
3. All exposed, cleared, filled and disturbed soils shall be revegetated within nine months following the initiation of earthwork.

b. Slopes. All development on a site affected by a slope of 15 percent or more, bluff, coastal bluff or ravine, as described in HCC 21.44.020, shall be subject to the requirements of Chapter 21.44 HCC in addition to the requirements of this section.

c. Drainage.

1. Development shall provide a drainage system, as approved by the City, that is designed to deposit all runoff into either an engineered drainage system or into a natural drainage.
2. Where open-ditch construction is used to handle drainage within the development, a minimum of 15 feet shall be provided between any structures and the top of the bank of the defined channel of the drainage ditch.
3. When a closed system is used to handle drainage within the development, all structures shall be a minimum of 10 feet horizontally from the closed system.
4. Drainage can be stabilized by methods other than vegetation, if approved in writing by the City Engineer.

d. A development activity plan (DAP) approved by the City under Chapter 21.74 HCC is required if the project includes:

1. Land clearing or grading of 10,000 square feet or greater surface area;
2. The cumulative addition of 5,000 square feet or greater of impervious surface area from pre-development conditions;
3. Grading involving the movement of 1,000 cubic yards or more of material;

4. Grading that will result in a temporary or permanent slope having a steepness of 3:1 or greater and having a total slope height, measured vertically from toe of slope to top of slope, exceeding five feet;
 5. Grading that will result in the diversion of an existing drainage course, either natural or human-made, from its existing point of entry to or exit from the grading site; or
 6. Any land clearing or grading on a slope steeper than 20 percent, or within 20 feet of any wetland, watercourse, or water body.
- e. A stormwater plan (SWP) approved under Chapter 21.75 HCC is required if the project includes:
1. An impervious surface coverage that is greater than 60 percent of the lot area (existing and proposed development combined);
 2. The cumulative addition of 25,000 square feet or greater of impervious surface area from the pre-development conditions;
 3. Land grading of one acre or greater surface area;
 4. Grading involving the movement of 10,000 cubic yards or more of material;
 5. Grading that will result in a temporary or permanent slope having a steepness of 3:1 or greater and having a total slope height, measured vertically from toe of slope to top of slope, exceeding 10 feet; or
 6. Any land clearing or grading on a slope steeper than 25 percent, or within 10 feet of any wetland, watercourse, or water body.

f. Landscaping Requirements. All development shall conform to the following landscaping requirements:

1. Landscaping shall include the retention of native vegetation to the maximum extent possible and shall include, but is not limited to, the following:

a. Buffers.

i. A buffer of three feet minimum width along all lot lines where setbacks permit; except where a single use is contiguous across common lot lines, such as, but not limited to, shared driveways and parking areas. Whenever such contiguous uses cease the required buffers shall be installed.

ii. A buffer of 15 feet minimum width from the top of the bank of any defined drainage channel or stream.

b. Parking Lots.

i. A minimum of 10 percent of the area of parking lots with 24 spaces or more shall be landscaped in islands, dividers, or a combination of the two;

- ii. Parking lots with 24 spaces or more must have a minimum 10-foot landscaped buffer adjacent to road rights-of-way;**
 - iii. Parking lots with only one single-loaded or one double-loaded aisle that have a 15-foot minimum landscaped buffer adjacent to road rights-of-way are exempt from the requirement of subsection (f)(1)(b)(i) of this section.**
2. Topsoil addition, final grading, seeding, and all plantings of flora must be completed within nine months of substantial completion of the project, or within the first full growing season after substantial completion of the project, whichever comes first. Required landscaping will be maintained thereafter, with all shrubs, trees, and ground cover being replaced as needed. [Ord. 15-08(S)(A) § 2, 2015; Ord. 13-27 § 14, 2013; Ord. 10-56 § 4, 2011; Ord. 08-29, 2008].