

December 16, 2022

Ms. Ashley Wayman
City Manager
City of Rollingwood
403 Nixon Dr
Rollingwood, TX 78746

Sent Via: Email

RE: Environmental Protection and Control Code: Maximum Cut and Fill Requirement Amendment Recommendations.

At the City's request, KFA has prepared this memo to present our recommendation regarding an amendment to the City's currently adopted Environmental Protection and Control Ordinance as it applies to maximum cut and fill requirements for residential buildings.

City's Currently Adopted Ordinance

Sec. 103-235(5) – “Outside of the designated building envelope and outside of the ten-foot setback, the maximum allowable depth of cut is eight feet.”

Sec. 103-235(6) – “Outside of the designated building envelope and outside of the ten-foot setback, the maximum allowable height of fill is eight feet.”

As written, these ordinances don't allow for any cuts or fills exceeding eight (8) feet. With the City's hilly topography, situations may arise where these strict maximum cut and fill requirements make the development of a piece of property difficult or severely limit how a property can be developed. The proposed amendment to the City's Environmental Protection and Control Ordinance would allow for cuts or fills in excess of eight (8') to be performed, provided the requirements set forth in the proposed amendment are followed.

Proposed Amendment

The following is a proposed amendment to the City's maximum cut and fill requirements that KFA considers acceptable:

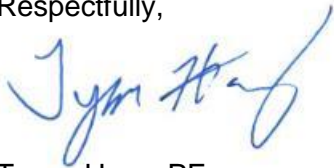
- Outside of the designated building envelope and outside of a ten-foot setback from a property line, the eight (8) foot maximum cut depth and fill height may be exceeded when using a terraced retaining system. Up to three (3) terraced cuts or fills may be created under a terraced retaining system, provided each wall is separated by a minimum three (3) feet setback (measured from face to face) for visual relief, safety, and revegetation. No individual portion of any terrace shall exceed six (6) feet in height. The total maximum height for cuts or fills retained under a terraced retaining system shall not exceed fifteen (15) feet.

Re: Environmental Protection and Control Code: Maximum Cut and Fill Requirement Amendment
Recommendations.
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KFA considers this amendment acceptable, provided that the cuts and fills include substantial permanent stabilization measures that will prevent erosion and sediment discharges both during construction and after project completion.

Substantial stabilization measures typically include engineered retaining walls and drainage control plans, or other structural measures, a well-defined sequence of construction and Erosion and Sediment Control (ESC) Plan, and other similar, proven design practices.

Respectfully,

A handwritten signature in blue ink, appearing to read "Tyson Hasz", is written over a light blue circular stamp.

Tyson Hasz, PE
Project Engineer