

UDO-CC32

AN ORDINANCE AMENDMENT PROPOSED BY PLANNING AND DEVELOPMENT SERVICES STAFF MODIFYING CHAPTER 8 OF THE *UNIFIED DEVELOPMENT ORDINANCES (UDO)* TO REMOVE SECTION 8.4.6.B. “GRADED SLOPES, MECHANICALLY STABILIZED SLOPES AND FILLS” FROM THE ORDINANCE.

Be it ordained by the __ that the Unified Development Ordinances are amended as follows:

Section 1. Section 8.4.6. of the UDO is amended as follows:

8 ENVIRONMENTAL PROVISIONS

8.4 EROSION CONTROL

8.4.6 MANDATORY STANDARDS FOR LAND DISTURBING ACTIVITY

No land disturbing activity subject to the control of this section shall be undertaken except in accordance with the following mandatory standards:

B. GRADED SLOPES, MECHANICALLY STABILIZED SLOPES AND FILLS

(RESERVED)

1. SLOPE SPECIFICATIONS

- a.** ~~No cut or fill greater than ten (10) vertical feet shall be made which creates a slope steeper than one and one-half (1.5) to one (1.5:1) unless approval is granted during plan review by the Stormwater Director or a designee.~~
- b.** ~~The angle for graded slopes and fills shall be no greater than the angle which can be retained by vegetative cover or other adequate erosion control devices or structures.~~
- c.** ~~The angle for graded slopes and fills must be demonstrated to be stable.~~
- d.** ~~Stable is the condition where the soil remains in its original configuration, with or without mechanical constraints.~~
- e.** ~~Mechanically stabilized slopes, including but not limited to riprap, cribs, timber, or masonry retaining walls, shall not exceed ten (10) feet in height without intervening terraces ten (10) feet in width with a maximum slope of three to one (3:1).~~
- f.** ~~In any event, slopes left exposed and such terraces will, within twenty-one (21) calendar days of completion of any phase of grading, be planted or otherwise provided with ground cover, devices, or structures sufficient to restrain erosion.~~

2. EXCEPTIONS

With prior approval of the Stormwater Director or a designee, the ten (10) foot height limit for mechanically stabilized slopes may be increased for:

a. WING WALLS AND EARTH RETAINING DEVICES

~~Wing walls allowing subgrade access and other earth retaining devices required for the structural support of buildings, bridges, dams, culverts, or similar structures; or~~

NOTE: Items to be removed are indicated with a ~~strikethrough~~; items to be added are shown as **highlighted**. Items with a single underscore are applicable to Forsyth County only, and *italicized* items are applicable to Winston-Salem only.

b. STORMWATER CHANNELS

Mechanical stabilization required for engineered stormwater channels.

c. APPROVAL BY THE PLANNING BOARD (F)

i. Retaining walls up to fifteen (15) feet in height may be approved if the Planning Board determines that there is no practical development alternative and determines that adequate supplemental safety protections can be installed.

ii. The supplemental safety protections will then become a site plan condition.

iii. Any section of retaining wall over ten (10) feet in height shall include a minimum two (2) foot wide planting strip located adjacent to the exterior of the wall.

iv. Said planting strip shall consist of columnar plantings spaced ten (10) feet apart with a minimum of two (2) shrubs planted in between columnar plantings.

v. Plant species shall be approved by the Inspections Division.

d. APPROVAL BY THE ASSISTANT CITY MANAGER FOR PUBLIC WORKS (W)

i. Retaining walls up to fifteen (15) feet in height may be approved if the Assistant City Manager for Public Works determines that there is no practical development alternative and determines that adequate supplemental safety protections can be installed.

ii. The supplemental safety protections will then become a site plan condition.

iii. Any section of retaining wall over ten (10) feet in height shall include a minimum two (2) foot wide planting strip located adjacent to the exterior of the wall.

iv. Said planting strip shall consist of columnar plantings spaced ten (10) feet apart with a minimum of two (2) shrubs planted in between columnar plantings.

v. Plant species shall be approved by the Inspections Division.

3. ALTERNATIVE COMPLIANCE FOR PB, CB, CI, AND MU-S DISTRICTS IN GMA 1 (W)

The ten (10) foot height limit for mechanically stabilized slopes may be approved for alternative compliance by the Elected Body through the Special Use District Zoning process for developments in the PB, CB, CI, and MU-S districts in GMA 1.

Section 2. This ordinance shall be effective upon adoption.

NOTE: Items to be removed are indicated with a ~~strikethrough~~; items to be added are shown as **highlighted**. Items with a single underscore are applicable to Forsyth County only, and *italicized* items are applicable to Winston-Salem only.