

## MEMORANDUM

**DATE:** May 20, 2010

**TO:** County Development Review Committee

**FROM:** Vicki Lucero, Development Review Team Leader

**VIA:** Jack Kolkmeier, Land Use Administrator  
Shelley Cobau, Building and Development Services Manager  
Wayne Dalton, Building and Development Services Supervisor

**FILE REF.:** CDRC CASE # V 09-5270 Bryan Berg Variances

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### **ISSUE:**

Bryan Berg and Kristin Carlson, Applicants, request approval of eight variances of the Uniform Fire Code and Urban Wildland Interface requirements and of Article VII, Section 2 (Liquid Waste Disposal), Article VII, Section 3 (Terrain Management), Article V, Section 8.2 (Road Design), and Article III, Section 2.3 (Site Planning Standards for Residential Use) of the Land Development Code: 1) to allow the height of a residence to exceed 18' feet and to allow the overall height (from highest parapet to lowest natural or finished cut grade) to exceed 30 feet; 2) to allow the slope of the driveway to exceed 11%; 3) to allow a driveway to be less than 14 feet wide (as required by Fire Code); 4) to allow a turn around that does not meet Fire Code requirements; 5) to allow a retaining wall greater than 10 feet in height; 6) to allow disturbance of slopes greater than 30%; and 7) to allow a finished floor elevation to exceed 5 feet above natural grade. The property is located at 11 Mountain Top Road, within the Overlook Subdivision, within Section 16, Township 16 North, Range 10 East (Commission District 4).

### **SUMMARY:**

On April 15, 2010, this case was heard by the CDRC. At that meeting the applicant withdrew his request for the variance to allow a conventional liquid waste disposal system. The decision of the CDRC was to table this case in order to conduct a site visit to the subject property (Refer to meeting minutes in Exhibit "I"). On May 13, 2010, a site visit was conducted.

On December 17, 2009, the CDRC had tabled this case to allow the applicant to address issues regarding the turnaround for emergency vehicles (Refer to CDRC Minutes in Exhibit "G").

The applicant has been working with the Hondo Fire Chief and the County Fire Marshal regarding the turnaround. A revised proposal has been submitted (Refer to Exhibit "H"). The County Fire Marshal is recommending approval of this request with conditions (Refer to Exhibit "D").

The subject property is an existing 6.06-acre legal lot within the Overlook Subdivision. The lot is currently vacant however there is an existing 816 foot driveway and small building pad that was created by a previous owner. The Applicant is proposing to construct a 4,441 sq. ft. (heated) 3-story residence with a building footprint of 2,463 sq. ft. which includes patio and portals, as well as a 330 sq. ft. studio.

The property consists primarily of difficult terrain with some small areas of 0%-20%, and 20%-30%; but the majority of slopes on site exceed 30%.

Article VII, Section 3.4.1.c.1.c of the County Land Development Code (Code) states that natural slopes of 30% or greater are no build areas and shall be set aside from use for development. The proposed lot contains some scattered areas that are less than 30% slopes. The Applicants are requesting a variance to allow disturbance of 30% slope in order to construct a parking area along the driveway. A portion of the house and studio (approximately 32%) will be constructed on 30% slopes or greater.

Article VII, Section 3.4.3.d of the Code states retaining walls shall not exceed ten feet (10') in height. The Applicant is proposing a 13'-6" retaining wall. The Applicant states that because of the limited buildable area on site there is not enough area for parking, therefore, in an effort to create parking and keep it and the retaining wall itself non-visible and to minimize the disturbance of 30% slopes, the Applicants are requesting a variance of the height requirement.

Article V, Section 8.2 (Appendix 5.A) of the Code states that the maximum grade for a road/driveway accessing 1 lot is 11%. The maximum road grade is also limited to 11% per Section 902.2.2.6 of the Uniform Fire Code. There is an existing driveway that was created by a previous owner which is at 19% grade. The Applicants are proposing to bring it down to a maximum grade of 12.69%. The Applicants state that the grading that would be required to bring the existing driveway down to 11% would be out of character for the surrounding landscape and neighborhood and would increase the existing cuts and cause irreparable damage to the land. Also, the cost of such grading would render them unable to develop the parcel. Therefore, in the interest of keeping the proposed development affordable and appropriate to the site in question the Applicants are requesting a variance to this requirement.

Article III, Section 2.3.6.b.1 of the Code states that the height of any dwelling or residential accessory structure located on land which has a natural slope of fifteen percent (15%) or greater shall not exceed eighteen feet (18') and that the vertical distance between the highest point of a building and the lowest point of a building at natural grade or finished cut grade, whichever is lower, shall not exceed thirty feet (30'). The Applicants are proposing a maximum building height

of 28'-10" and an overall building height (from highest point of building to lowest point of building at finished cut grade) of 39'-2." The Applicants state that in an attempt to build a passive solar dwelling, utilize rainwater collection, disturb only those areas previously disturbed, and retain all significant trees a height variance is needed.

Article VII, Section 3.4.1.d.6 of the Code states that for a structure built on a natural slope of over twenty percent (20%), the finished floor elevation at any point shall not exceed five feet (5') above the natural grade below that point. The Applicant is proposing a maximum finished floor height of 14' above natural grade for portals and 9' above natural grade for the residence. The Applicants state that they are requesting a variance of this requirement in order to provide the smallest possible footprint and disturbance of terrain for a single family residence, and maximum solar exposure for a passive solar design.

Ordinance No. 2001-11 (Wildland Interface Code) mandates a uniform 14' width for driveways that must allow access for emergency vehicles. The Applicants are requesting a minimum driveway width of 12' along some portions of the driveway. The Applicants state that the cost of such improvements would begin to exceed the cost of the parcel just one year ago, and would render them unable to afford the improvements and they would be denied rightful use of the property. Therefore, a variance is requested.

Article II, Section 3.1 (Variances) of the County Code states, "Where in the case of proposed development, it can be shown that strict compliance with the requirements of the Code would result in extraordinary hardship to the applicant because of unusual topography or other non-self-inflicted conditions or that these conditions would result in inhibiting in achievement of the purposes of the Code, an applicant may file a written request for a variance."

The Uniform Fire Code states that dead-end roadways more than 300 ft in length shall be provided with a turnaround at the terminus having no less than 120 feet outside diameter of traveled way. A "hammerhead-T" turn-around to provide emergency vehicles with a three-point turnaround ability may be allowed. The applicants are proposing to build a modified hammerhead turn around. The County Fire Marshal has reviewed this proposal and recommends approval.

**REQUIRED ACTION:**

The CDRC should review the attached material and consider the recommendation of staff, take action to approve, deny, approve with conditions or modifications or to table for further analysis of this request.

**RECOMMENDATION:**

The Applicant is proposing a 4,441 sq. ft. multi level residence. The subject property is a legal lot of record. The lot is limited by excessively steep terrain which makes it difficult to construct a residence and a driveway that meets County Code Requirements. Land Use staff has conducted a site visit and reviewed the slope analysis and has determined that there is no other buildable area on the site. It is staff's position that the variances requested are unavoidable due to the rugged

terrain and small buildable area on the property. Strict compliance with the requirements of the Code could result in extraordinary hardship to the applicant as stated in Article II, Section 3.1 of the Code. Therefore, staff recommends approval of the variances of Article VII, Section 3 (Terrain Management).

Based on the revised proposal for the emergency turn around, the County Fire Marshal's Office is supporting the variances requested for driveway standards including the emergency turn around.

The Applicant is seeking a height variance that would allow for passive solar design. Staff conducted a site visit in which the applicant installed story poles to show the height of the proposed structure. Staff determined that the structure would not be visible from minor arterial roads. If the Applicant were required to reduce the height of the structure they would have to increase the footprint of the residence which would result in more disturbance of 30% slopes. Therefore, staff recommends approval of the requested variances of Article III, Section 2.3 (Site Planning) to allow the height of the residence to exceed 18' and an overall height of 30' and to allow a retaining wall greater than 10' in height subject to the following conditions:

1. No grading or disturbance of ground beyond grading limits shown shall occur. Except for developable areas for building envelopes, roads, or driveways, disturbance of natural vegetation shall be prohibited. Cleared or graded areas, or cut and fill areas shall be re-vegetated to the approximate original density and type of vegetation existing prior to disturbance.
2. Per revised drawings the area at the end of the driveway nearest the proposed residence shall incorporate a modified hammerhead turnaround.
3. With the exception of an approximately 60' section of the driveway which is 12 to 13 percent in slope which the Fire Department feels it can safely negotiate, the maximum slope for the 14' wide driving surface shall not exceed 11%.
4. Installation of Automatic Fire Protection Sprinkler systems meeting NFPA13D requirements is required.

**ATTACHMENTS:**

- Exhibit "A" – Developer's report
- Exhibit "B" - Developer's plans
- Exhibit "C" – Vicinity Map
- Exhibit "D" – Reviewing Agency Responses
- Exhibit "E" – Slope Analysis
- Exhibit "F" - Letters of support
- Exhibit "G"-December 17, 2009, CDRC Minutes
- Exhibit "H"- Revised turnaround for emergency vehicles
- Exhibit "I"- April 15, 2010, CDRC meeting minutes