

ROCKERY WALLS

Winnemucca Municipal Code 15.04.060 (K) (29)

Rockery retaining walls or rockery soil stabilization walls shall not be subject to surcharges, such as building foundations, adjacent retaining structures, slopes or vehicle surcharge. Rockery walls over four feet in height shall be engineered and shall have special inspection. The special inspection shall verify all of the specified items listed below. Wall height is determined by differential height of adjacent grades. Structures adjacent to rockery wall shall be set back a minimum distance equal to the height of the wall. Drainage shall be provided behind all engineered rockery walls. A global stability analysis shall be performed for rockery walls that are terraced, or greater than eight feet in height. The Engineer shall specify on the Construction documents:

- Type and quality of rock;
- Unit weight, if design exceeds 155 pcf;
- Rock size in approximate diameter;
- Rock placement;
- Voids greater than 3" be filled;
- Drainage swale and system;
- Embedment;
- Wall face slope;
- Mechanically stabilized earth, if specified.