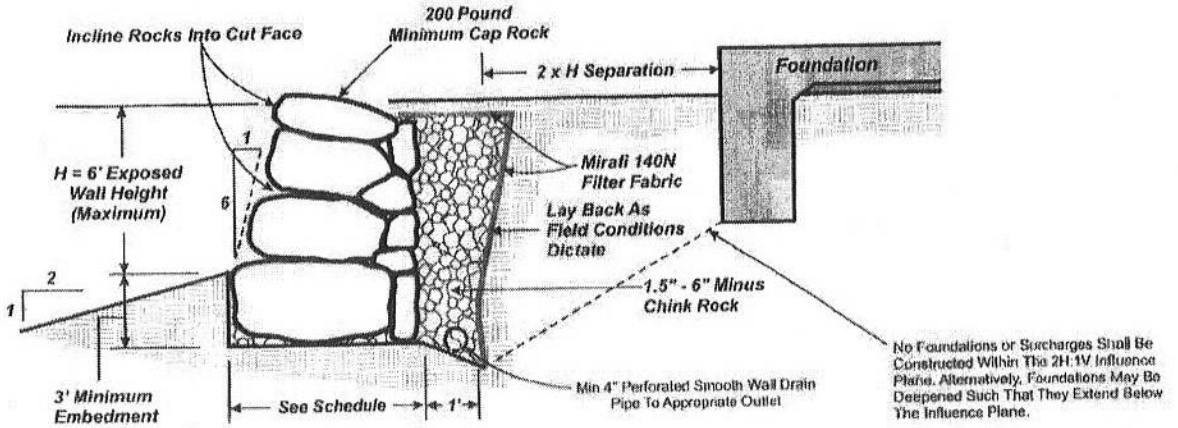

Case 1 - Wall Schedule

Exposed Wall Height (ft)	Minimum Embedment Depth (ft)	Minimum Base Rock Width (ft)*
≤ 4	3.0	3.5
≤ 6	3.0	4.5

Note: Successive rocks placed above the base rocks shall be sized such that they decrease in size and maintain the 1H:6V batter.

** Does not include the additional 1' for chink rock.*

NOTES:

1. *Rock should be angular, sound, durable, and non-weathered, with a minimum density of 160 pounds per cubic foot.*
2. *The long dimension of all rocks should be placed perpendicular to the wall. Each rock should bear on two rocks in the tier below.*
3. *Rock facings are primarily erosion control surfaces. Native material must be stable, free-standing, and free from loose soils in cut face.*
4. *The rock facing should consist of rock sizes as specified on the section and conform to Cal-Trans Section 72-2 with Method A placement.*
5. *Rock wall construction should conform to installation guidelines presented in the rockery contractor's publication "Standard Rock Wall Construction Guidelines" by the Association of Rockery Contractors.*
6. *Structural inspection of the wall is required by the geotechnical engineer during construction.*
7. *If a sloping condition exists below the wall, requirements for additional embedment and/or setback will be necessary.*

** Where double stacking occurs, the larger rock shall be placed toward the face of the wall.*

*** When base rock width exceeds 5', two rocks of approximately equal size may be used to achieve the required width. If this option is selected, the base rocks should be well seated and in contact with each other in at least 2 points.*

NOT TO SCALE