

APPENDIX B

Climatic Characteristics for Lagoon Design



Figure 21B-1. Annual runoff from unsurfaced feedlots (CN-90) as percent of mean annual precipitation.

Source: NRCS Agricultural Waste Management Field Handbook 1996.

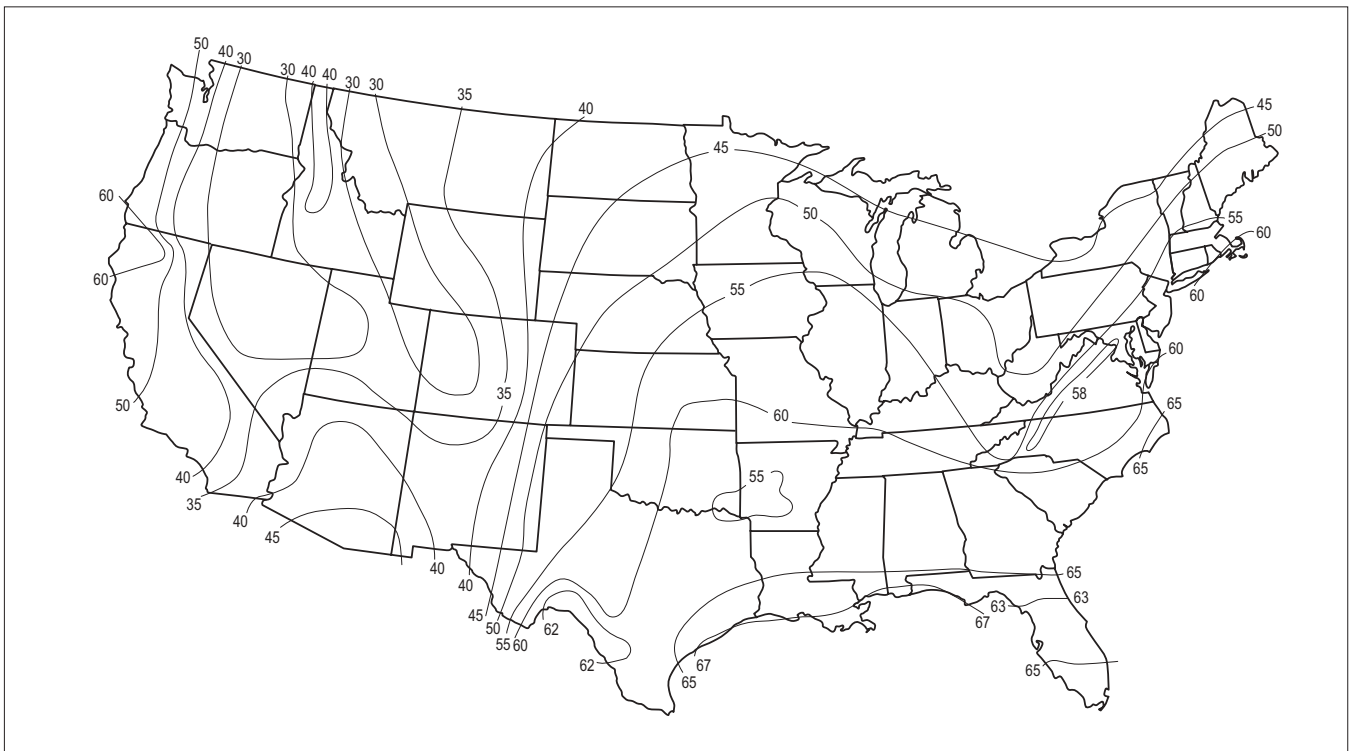


Figure 21B-2. Annual runoff from concrete feedlots (CN-97) as percent of mean annual precipitation.

Source: NRCS Agricultural Waste Management Field Handbook 1996.



Figure 21B-3a. Normal annual precipitation in western United States, inches.



Figure 21B-3b. Normal annual precipitation in eastern United States, inches.

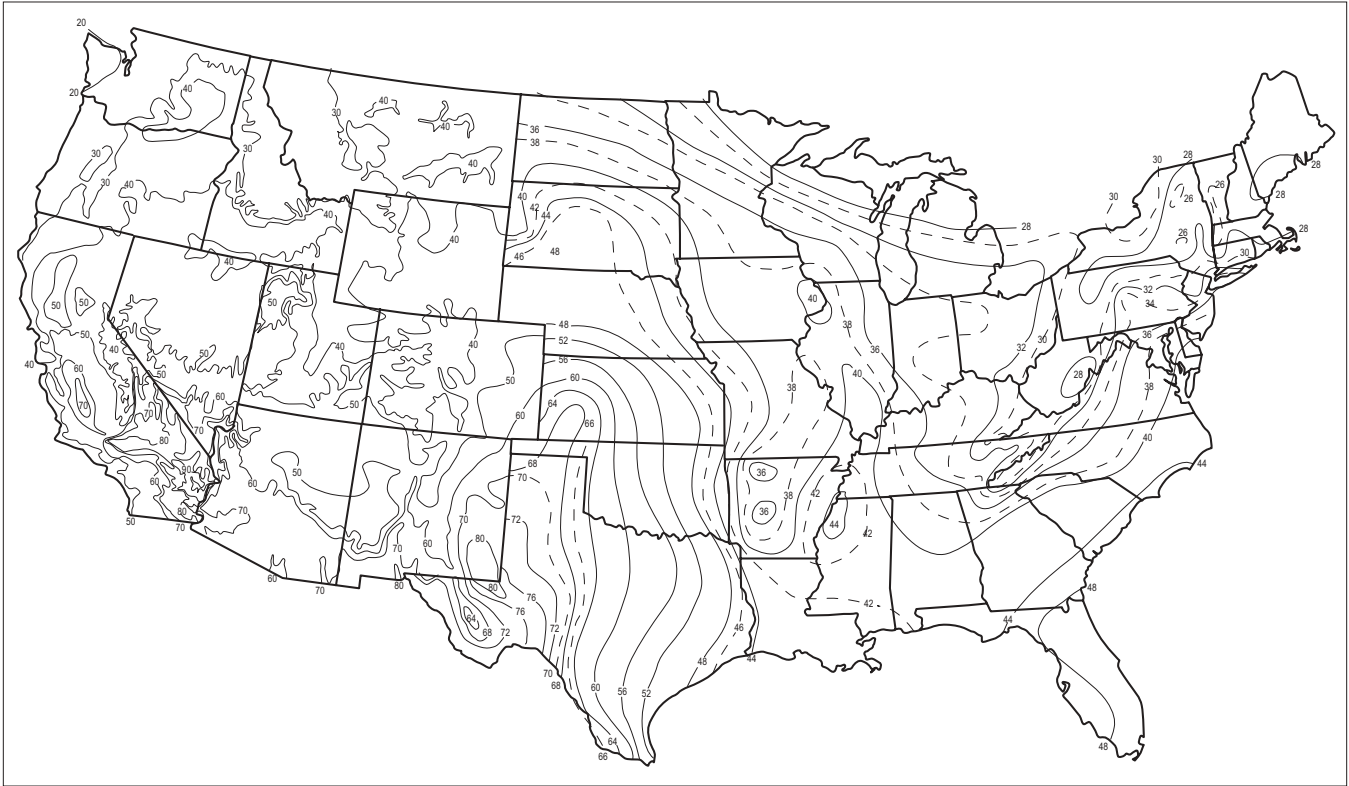


Figure 21B-4. Annual free water surface evaporation, inches.

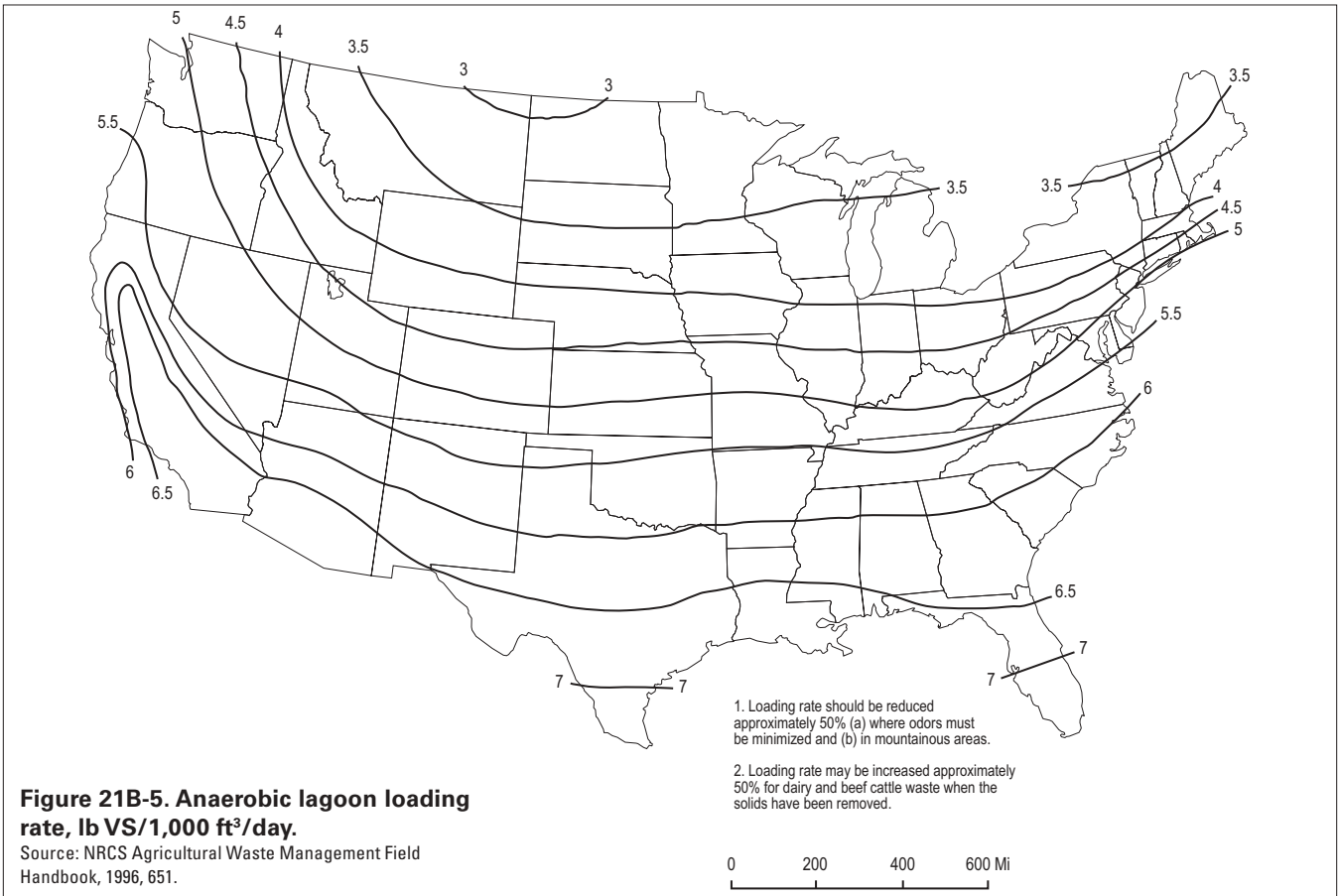


Figure 21B-5. Anaerobic lagoon loading rate, lb VS/1,000 ft³/day.

Source: NRCS Agricultural Waste Management Field Handbook, 1996, 651.

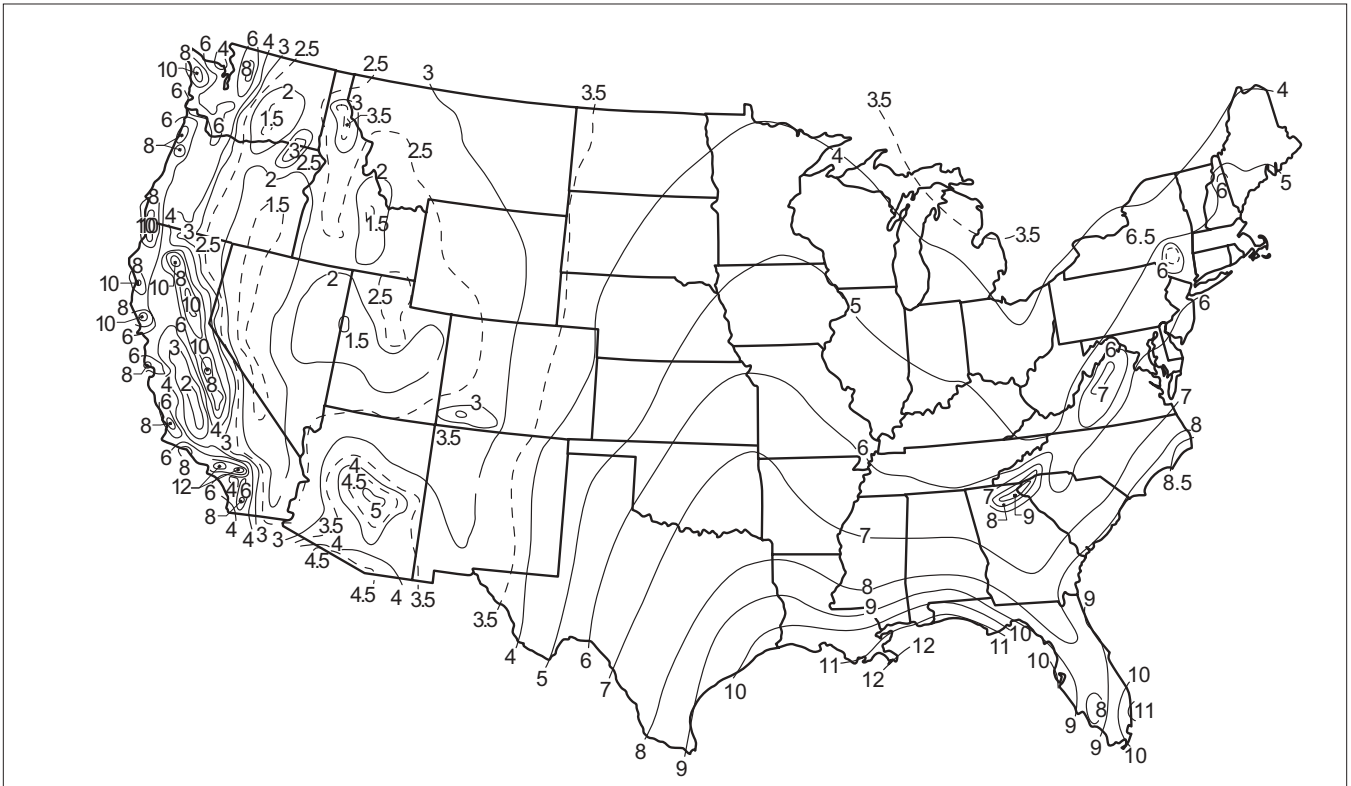


Figure 21B-6. 25-yr, 24-hr rainfall, inches.

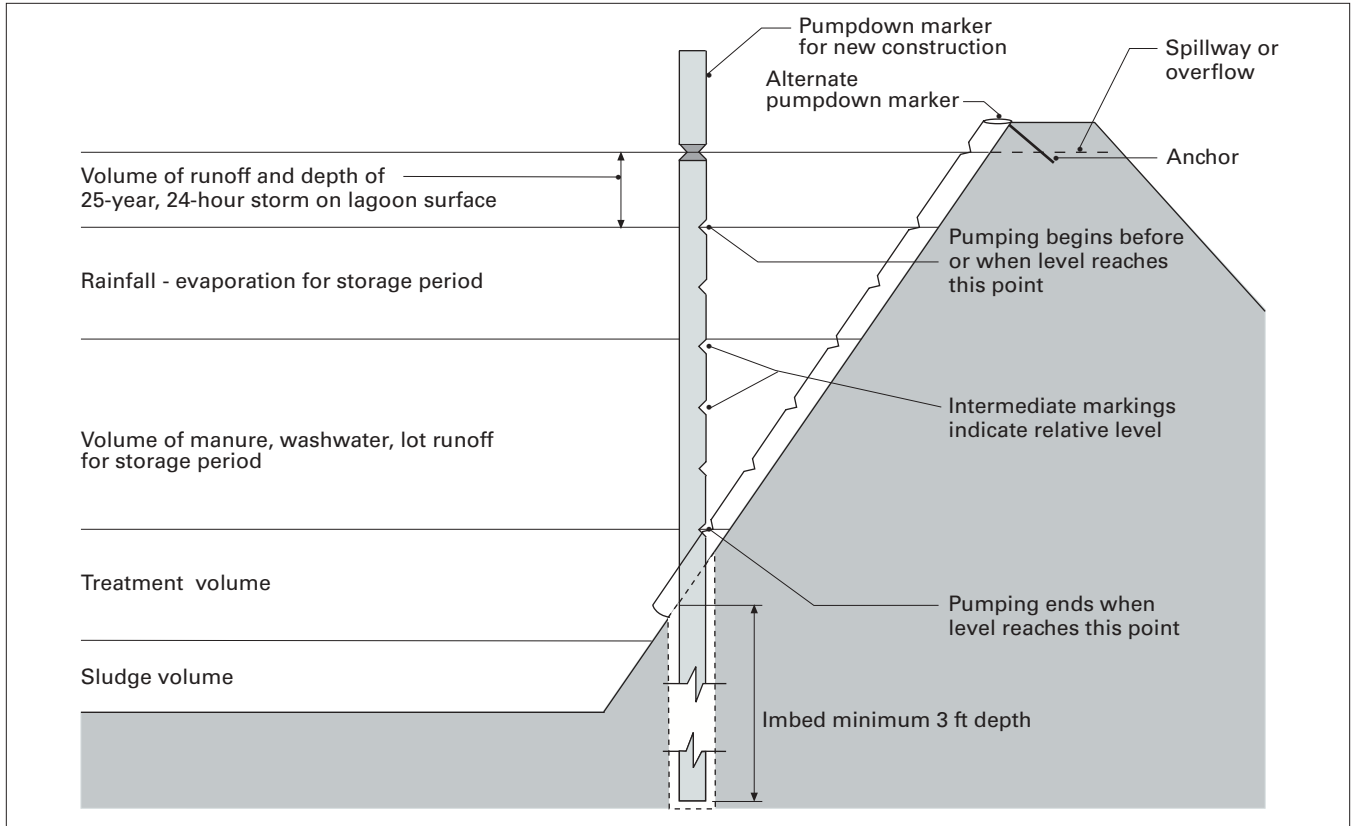


Figure 21B-7a. Schematic of a pumpdown marker in lagoon.

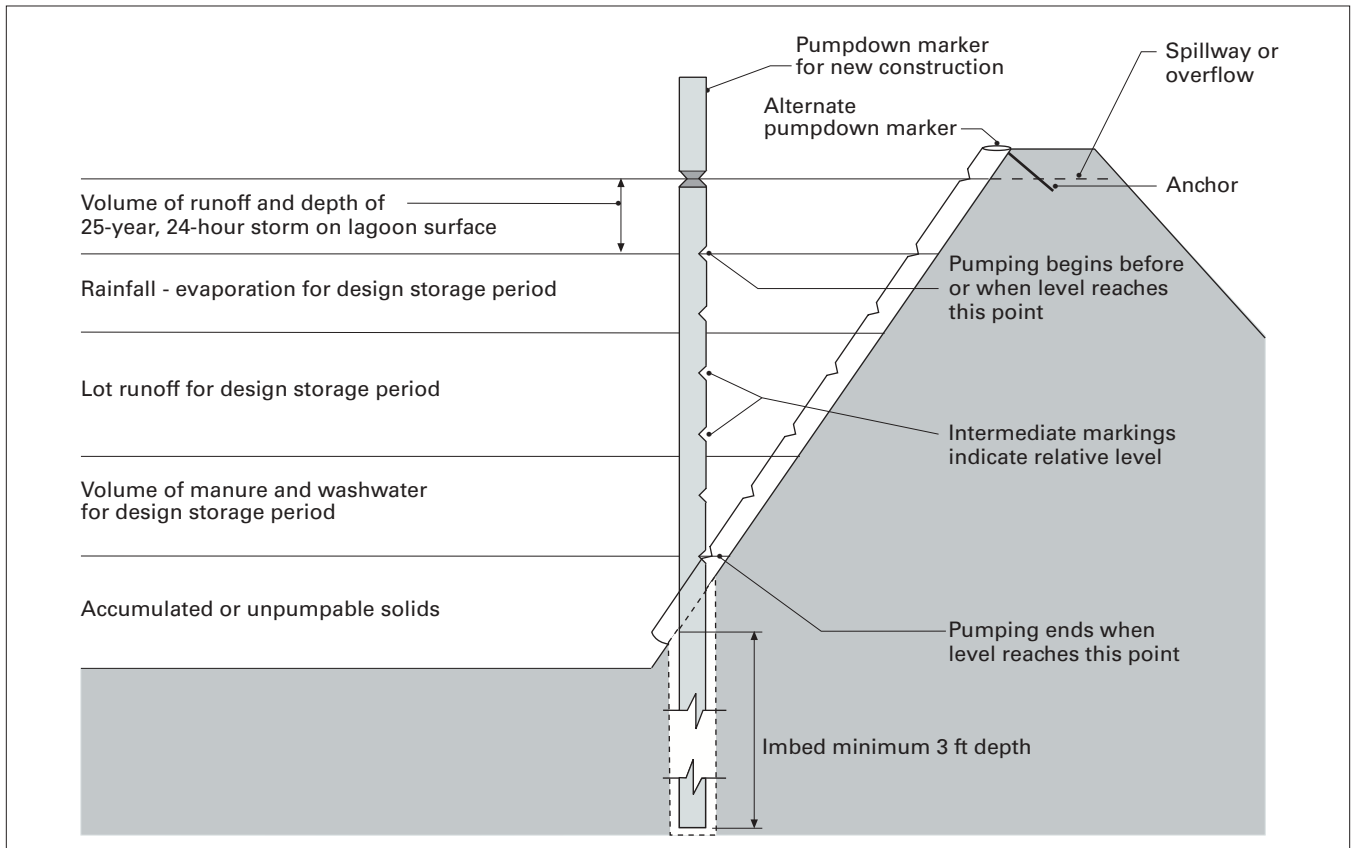


Figure 21B-7b. Schematic of a pumpdown marker in an earthen storage basin.

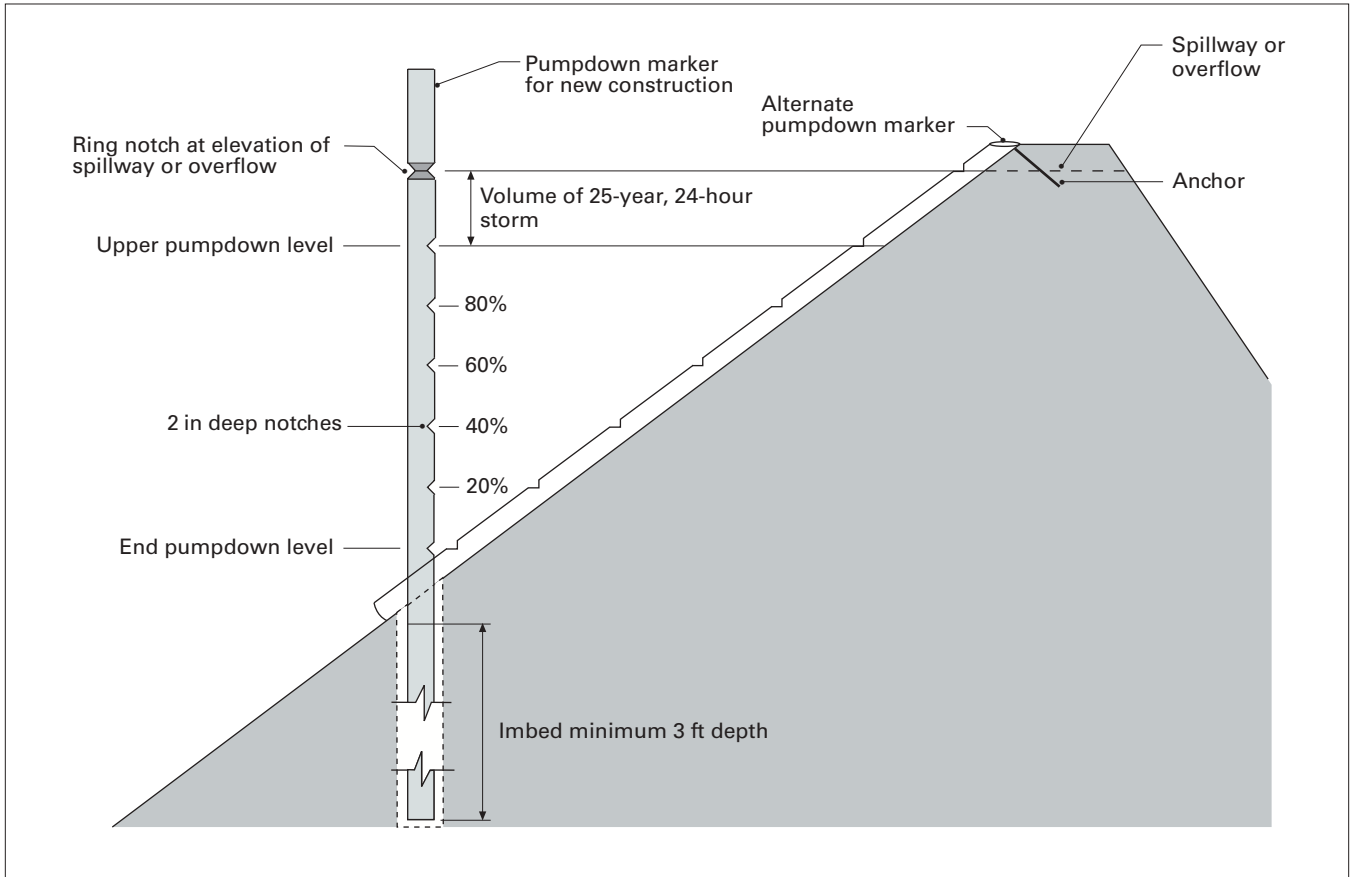


Figure 21B-7c. Schematic of a pumpdown marker.