

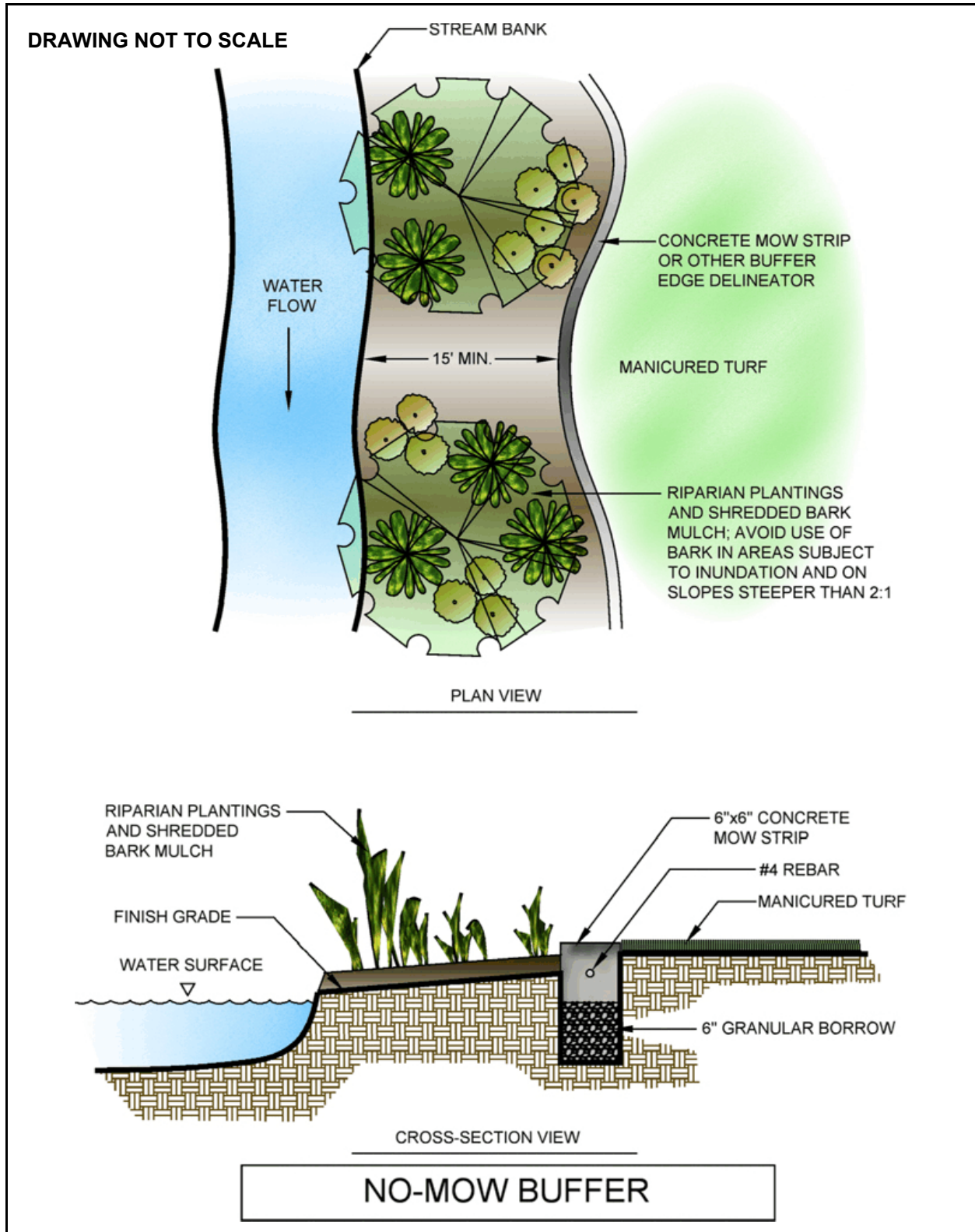


APPENDIX B: DETAIL DRAWINGS OF SELECTED IMPROVEMENT TECHNIQUES

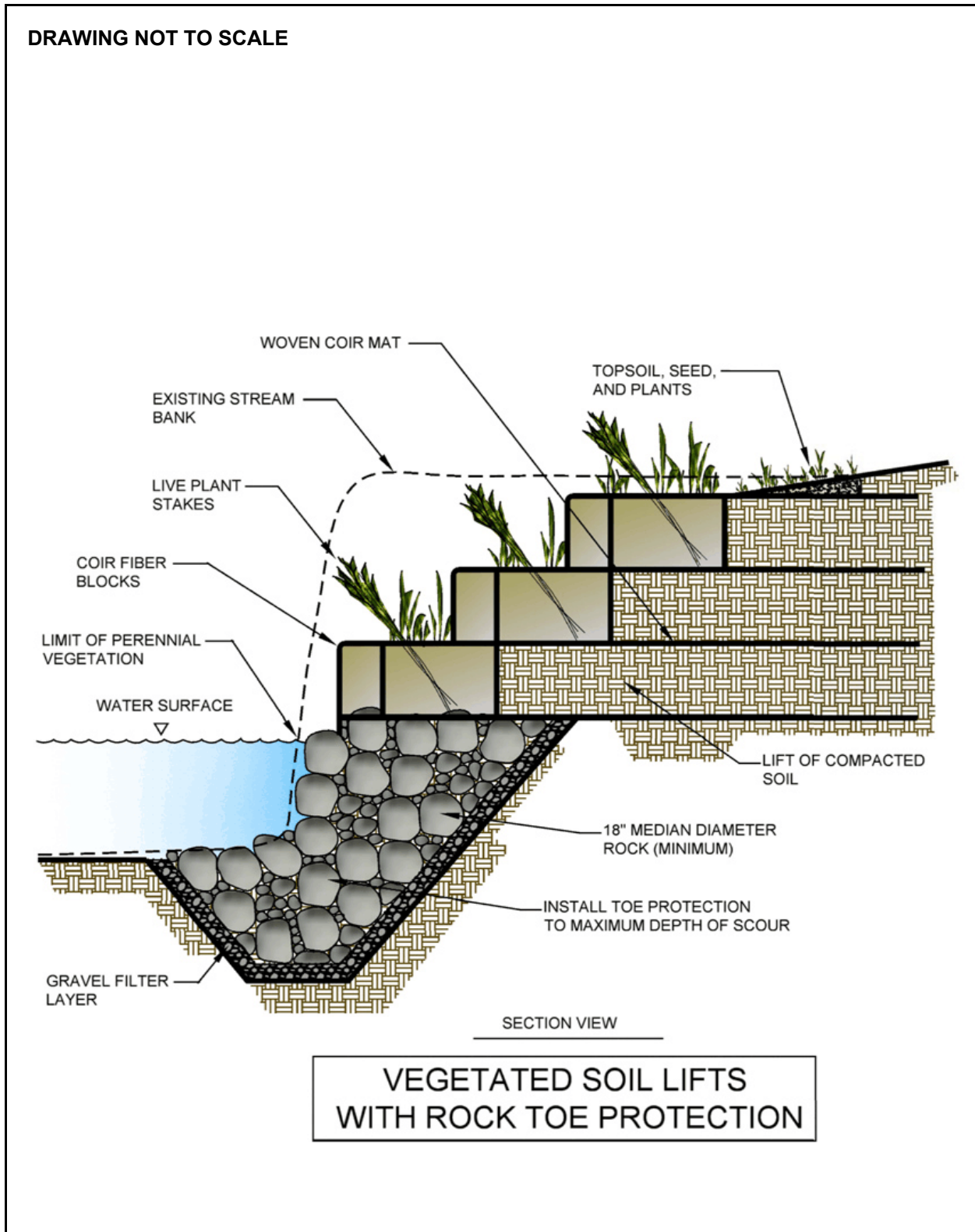
This appendix provides schematic drawings (not to scale) that illustrate the materials, form, and construction of selected improvement techniques. These drawings are not intended to substitute for site-specific engineering design. Site-specific calculations should be completed by a qualified hydrologist, engineer, and/or landscape architect to determine appropriate rock sizing, structure dimensions, etc. for installation in a particular location. In most cases, installation of these types of projects will require relevant State, County, and City permits. It is recommended that the publications, tables, and resources provided in chapter 4 of this document be consulted prior to designing or constructing any of these improvement measures. Particular care should be exercised when construction involves disturbance of areas within the annual high water level of any stream.

List of Drawings:

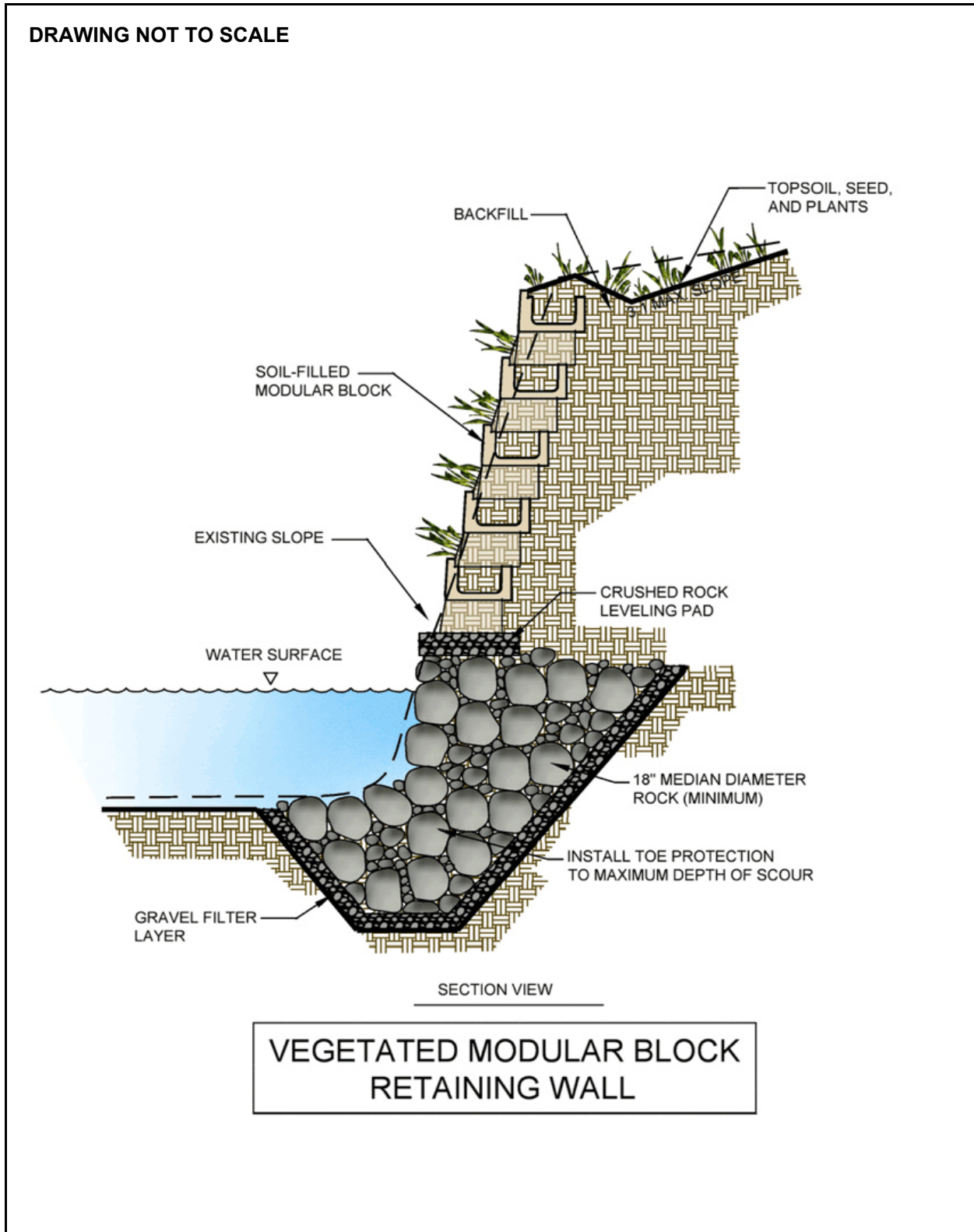
- Drawing 1. No-mow buffer
- Drawing 2. Vegetated soil lifts with rock toe protection
- Drawing 3. Vegetated modular block retaining wall
- Drawing 4. Vegetated crib retaining wall
- Drawing 5. Vegetated gabion basket retaining wall
- Drawing 6. Slope flattening
- Drawing 7. Storm drain outlet protection using vegetated rock
- Drawing 8. Vegetated rock-lined swale
- Drawing 9. Replacement of narrow-span stream crossing structures
- Drawing 10. Rock-lined tailwater pool (plan view)
- Drawing 11. Rock-lined tailwater pool (cross-section view)
- Drawing 12. Rock step pool
- Drawing 13. Gabion basket retrofit
- Drawing 14. Vortex rock weir
- Drawing 15. A-jacks toe protection
- Drawing 16. Plan view of recommended bank stabilization installation
- Drawing 17. Rock vanes with J-hooks
- Drawing 18. Access steps
- Drawing 19. Stabilized pervious access ramp



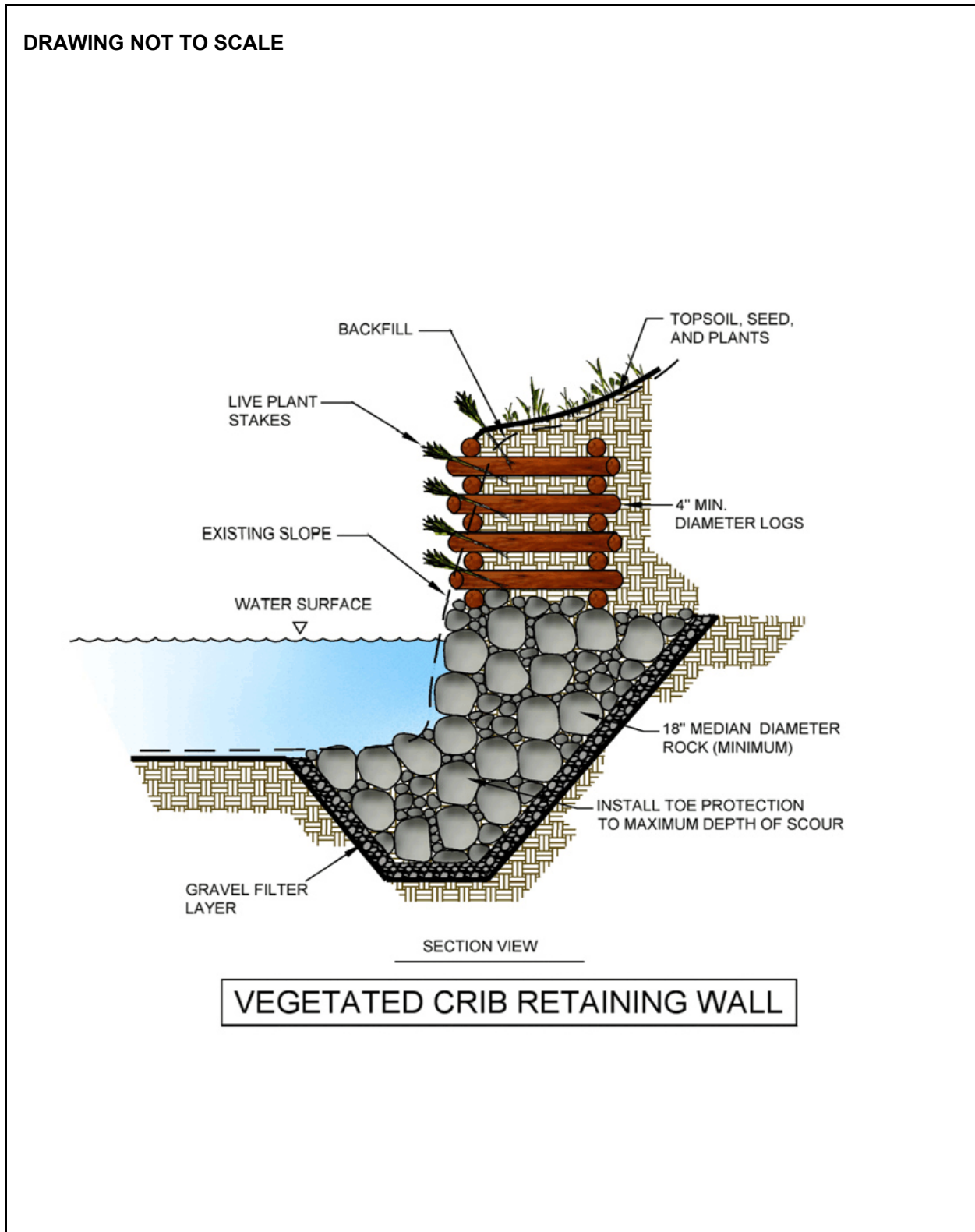
Drawing 1. No-mow buffer.



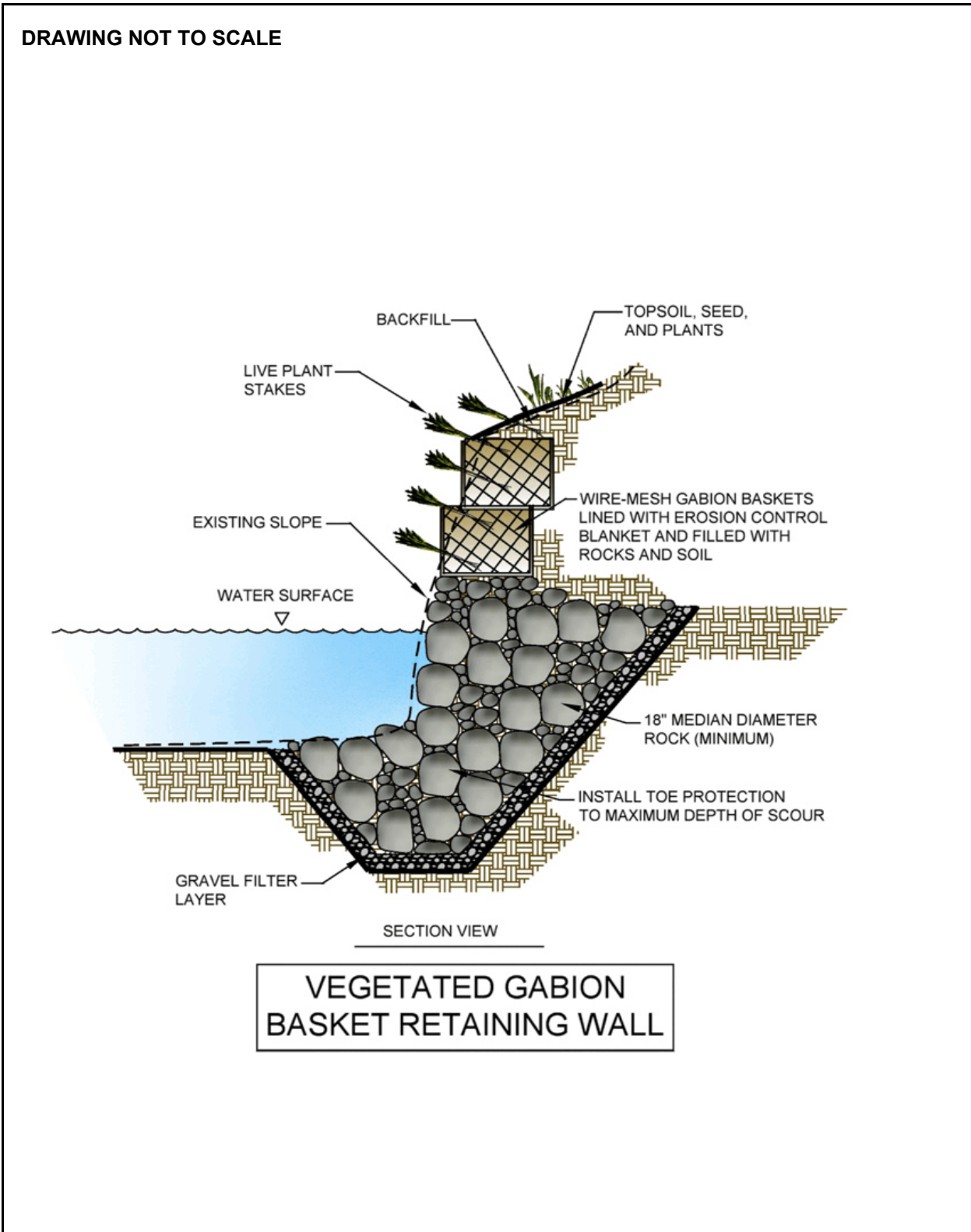
Drawing 2. Vegetated soil lifts with rock toe protection.



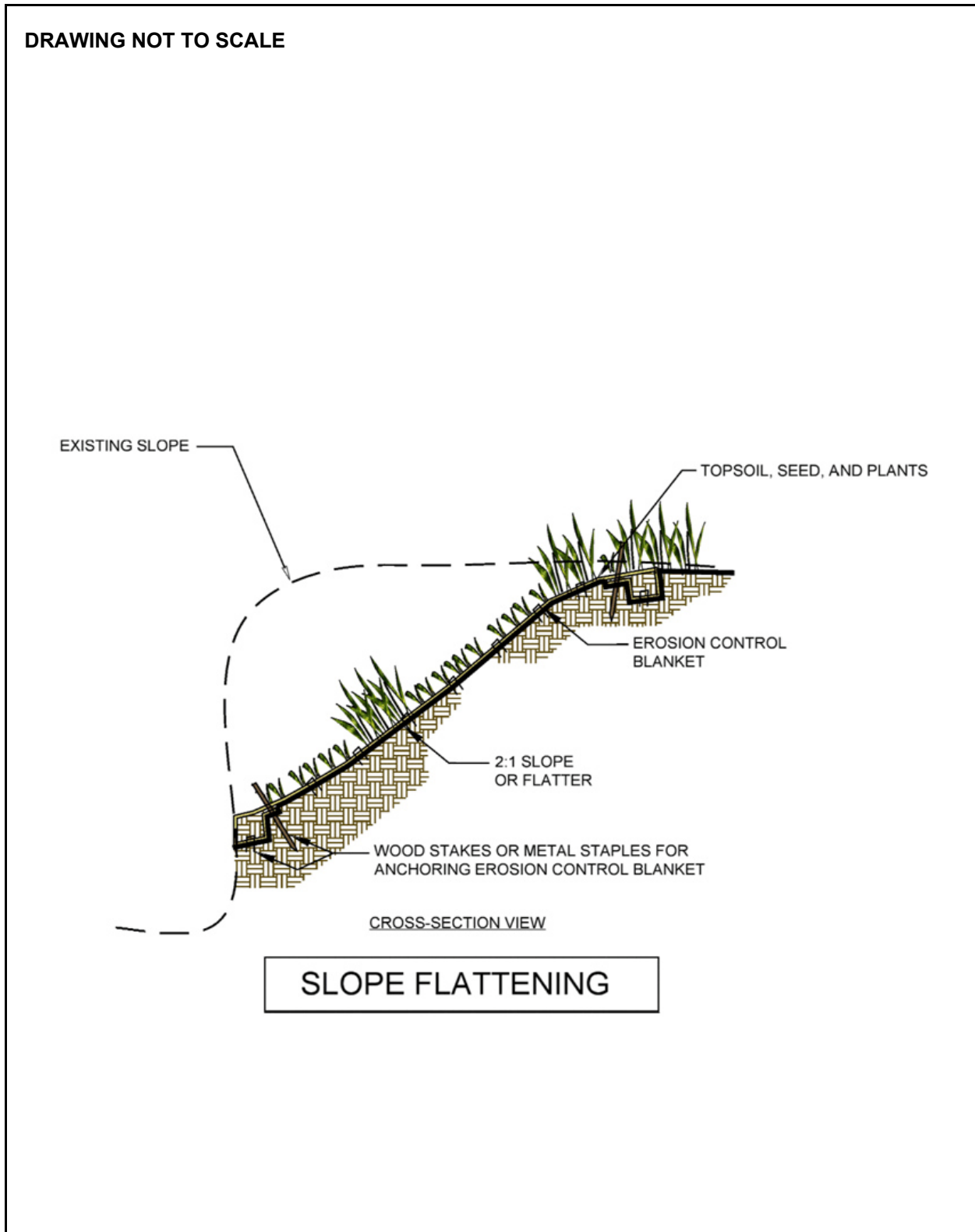
Drawing 3. Vegetated modular block retaining wall.



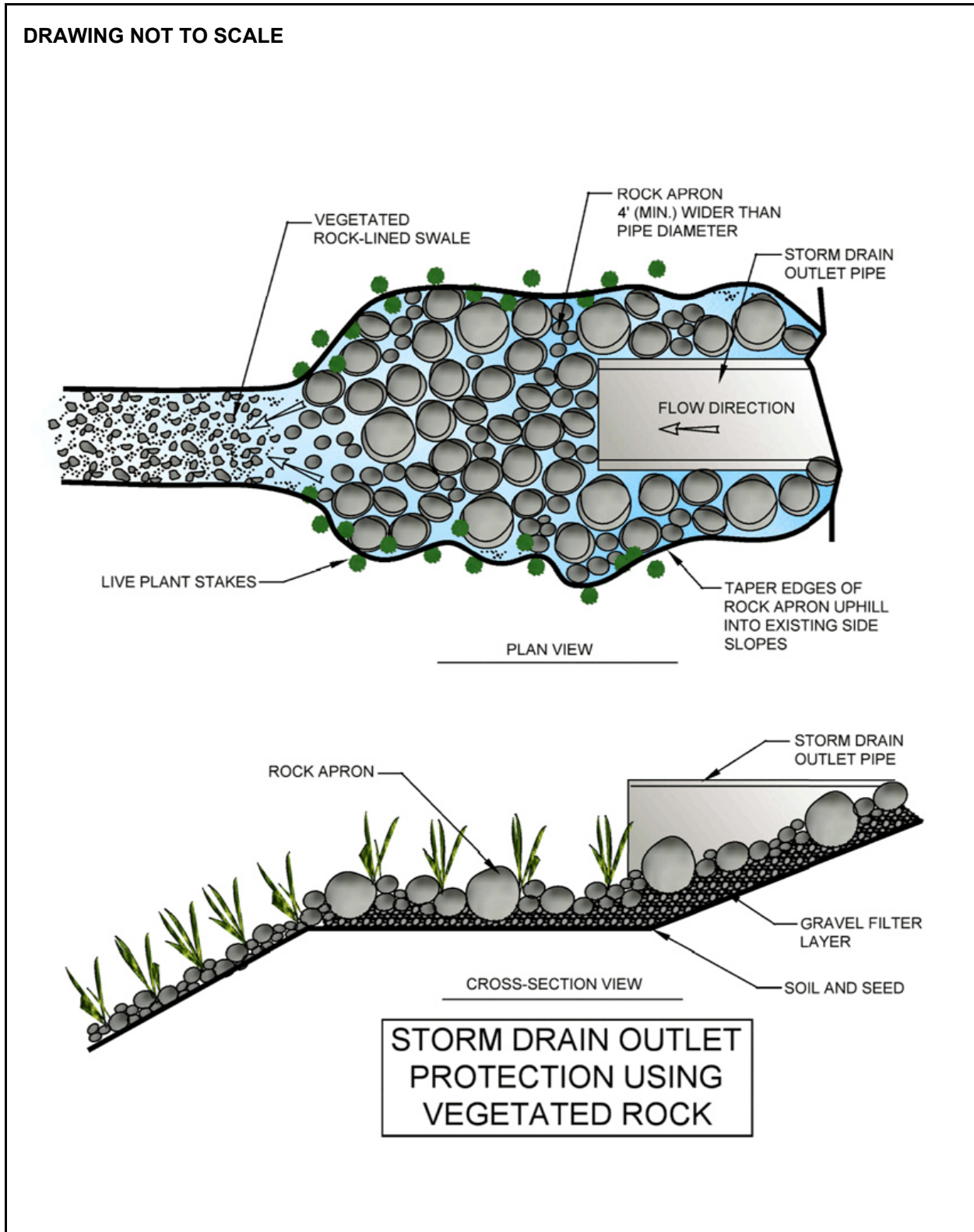
Drawing 4. Vegetated crib retaining wall.



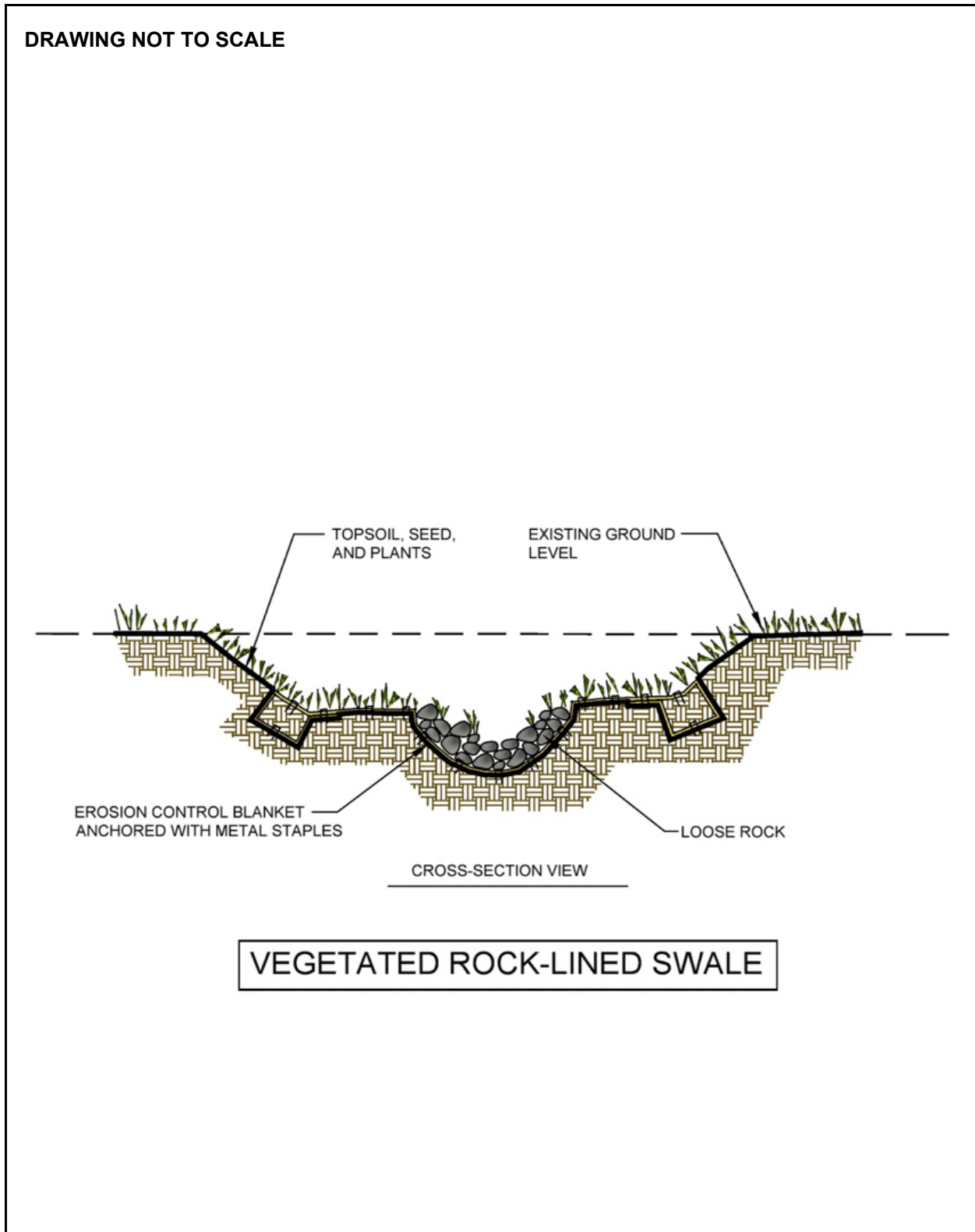
Drawing 5. Vegetated gabion basket retaining wall.



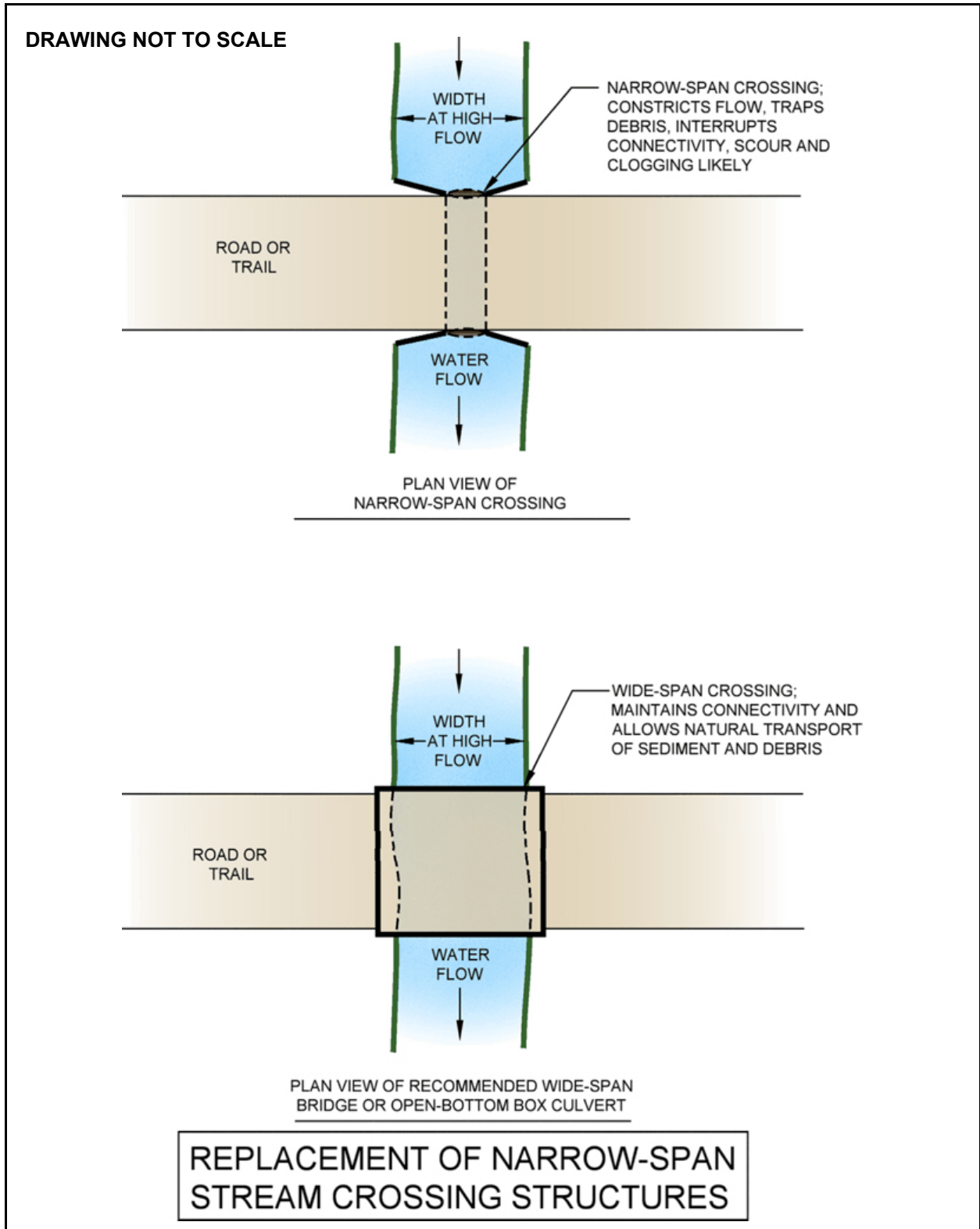
Drawing 6. Slope flattening.



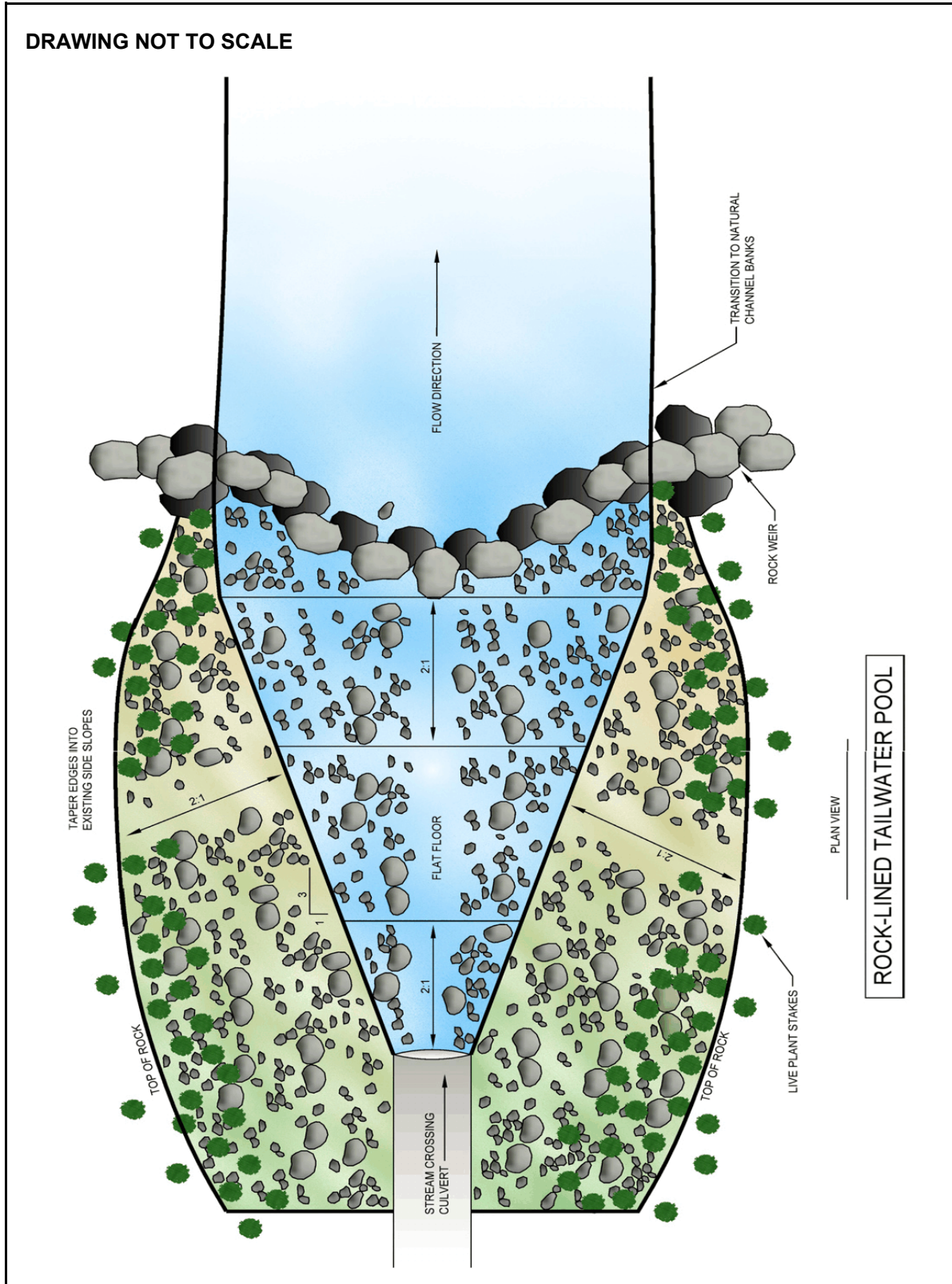
Drawing 7. Storm drain outlet protection using vegetated rock.



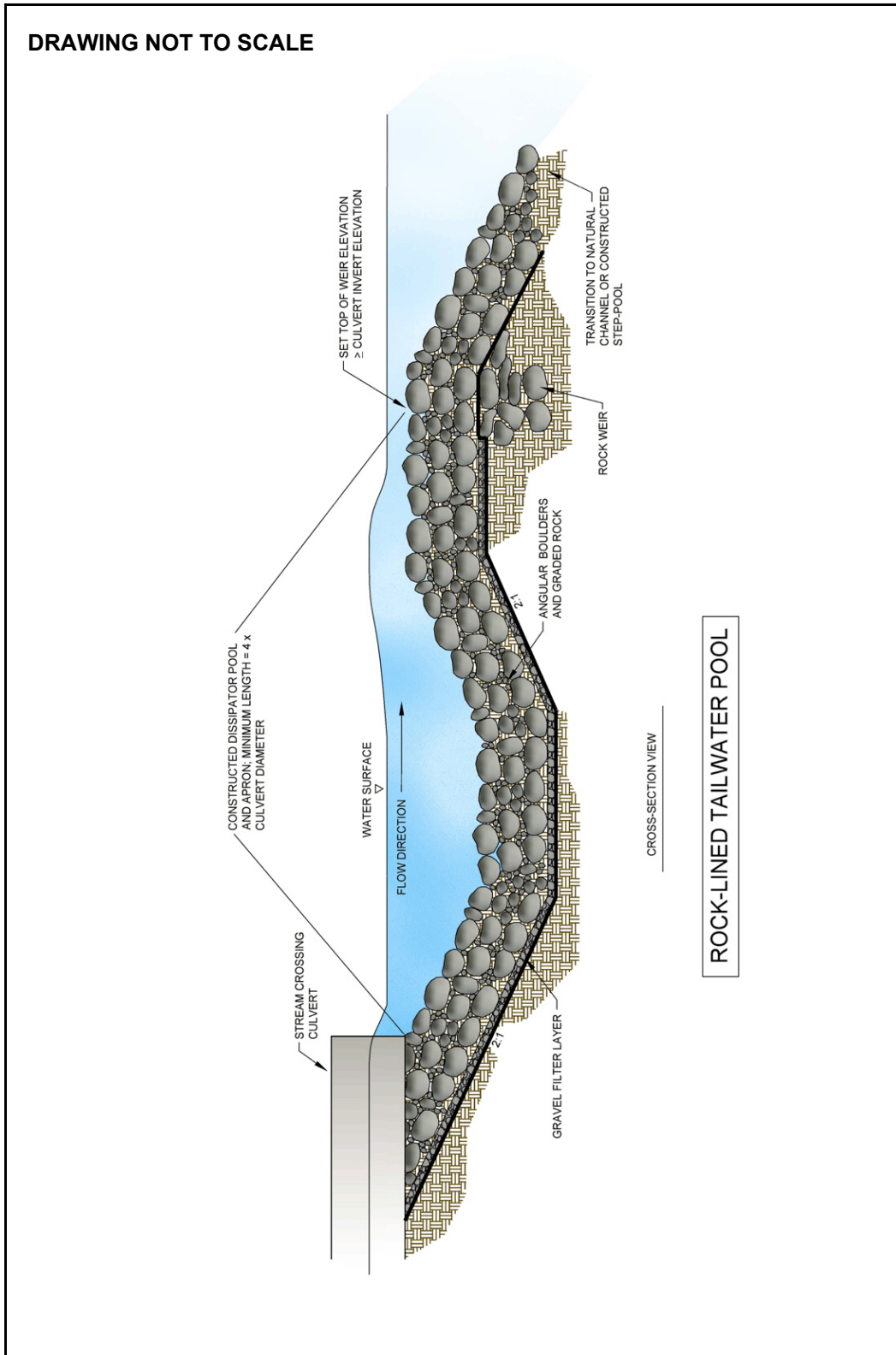
Drawing 8. Vegetated rock-lined swale.



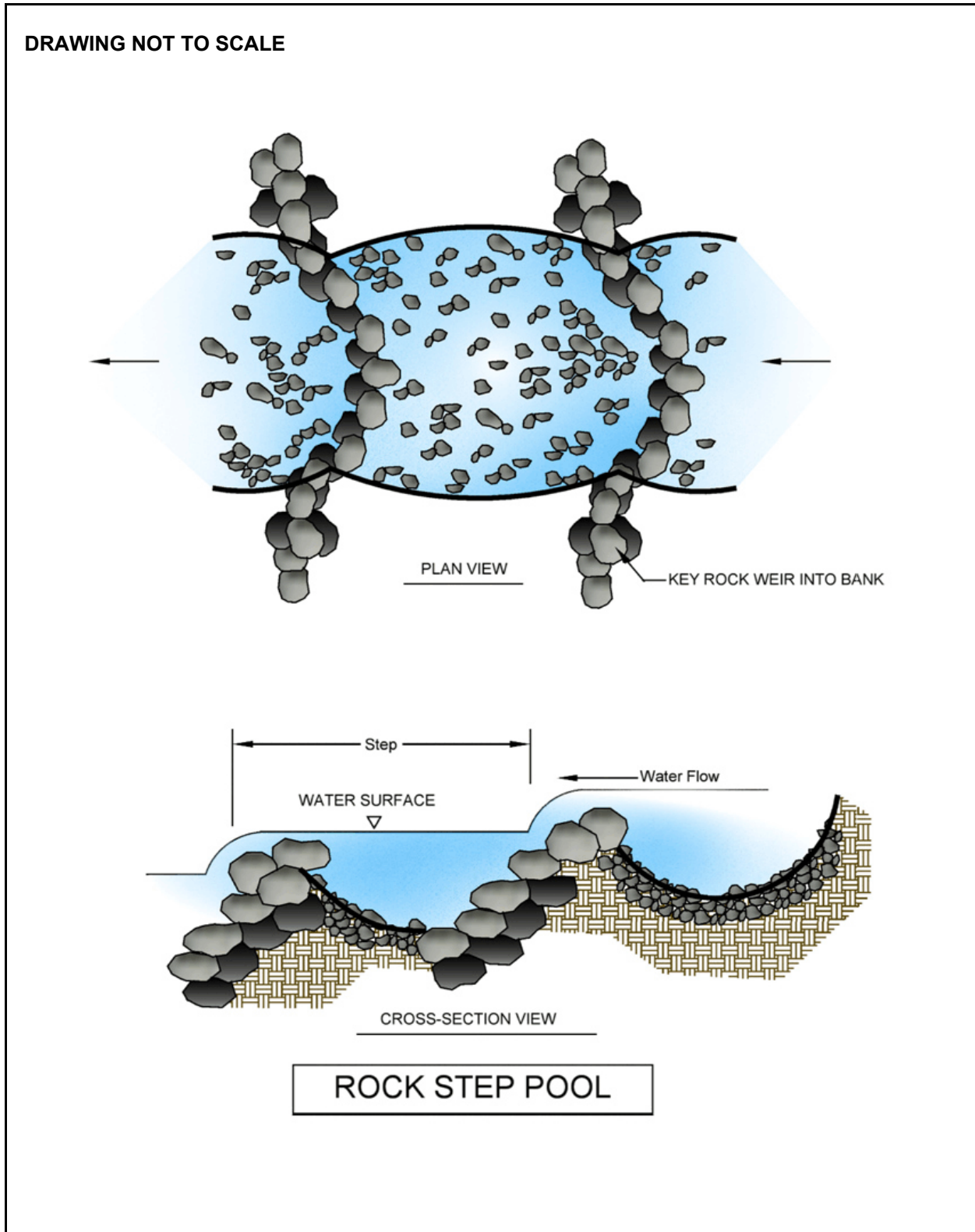
Drawing 9. Replacement of narrow-span stream crossing structures.



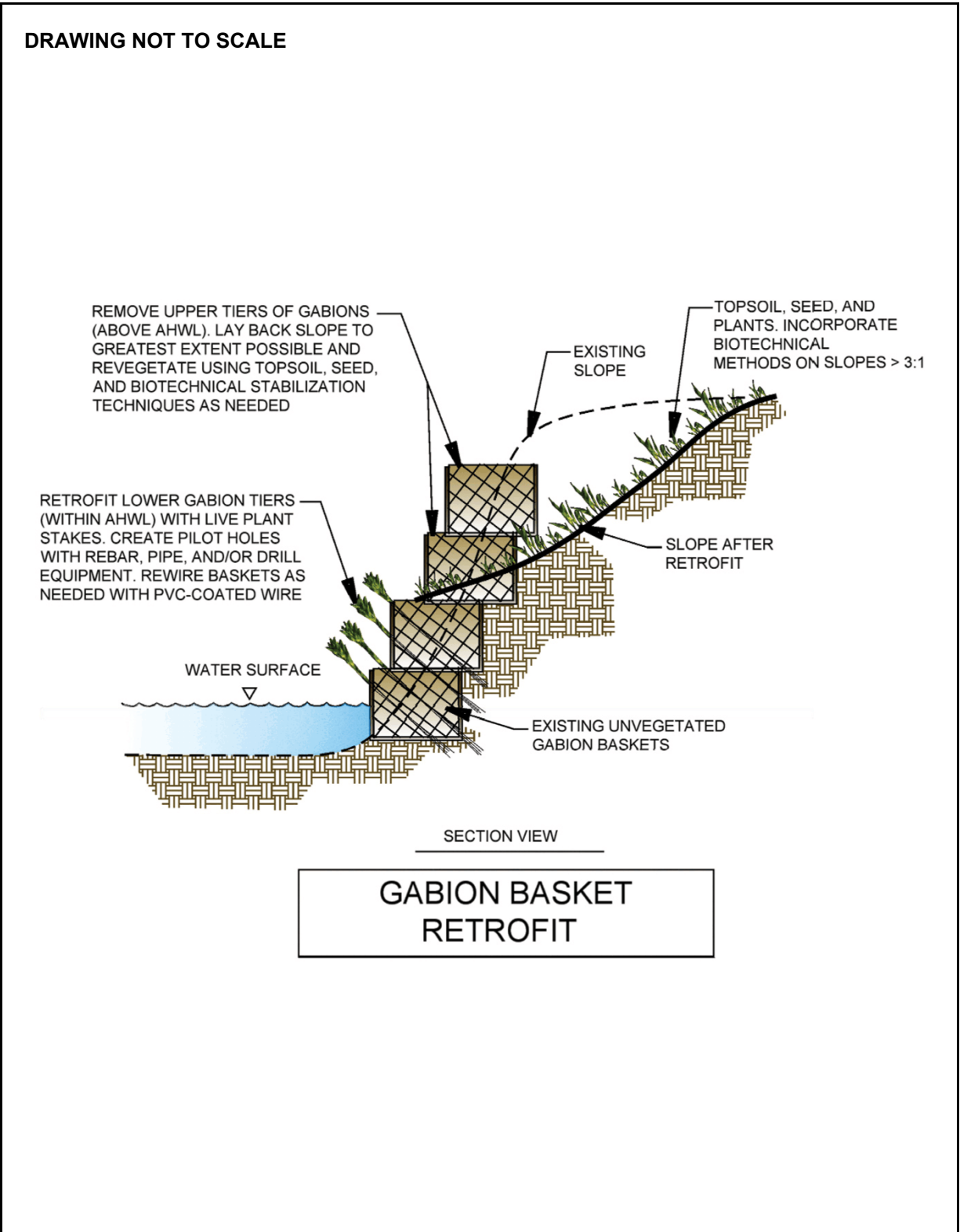
Drawing 10. Rock-lined tailwater pool (plan view).



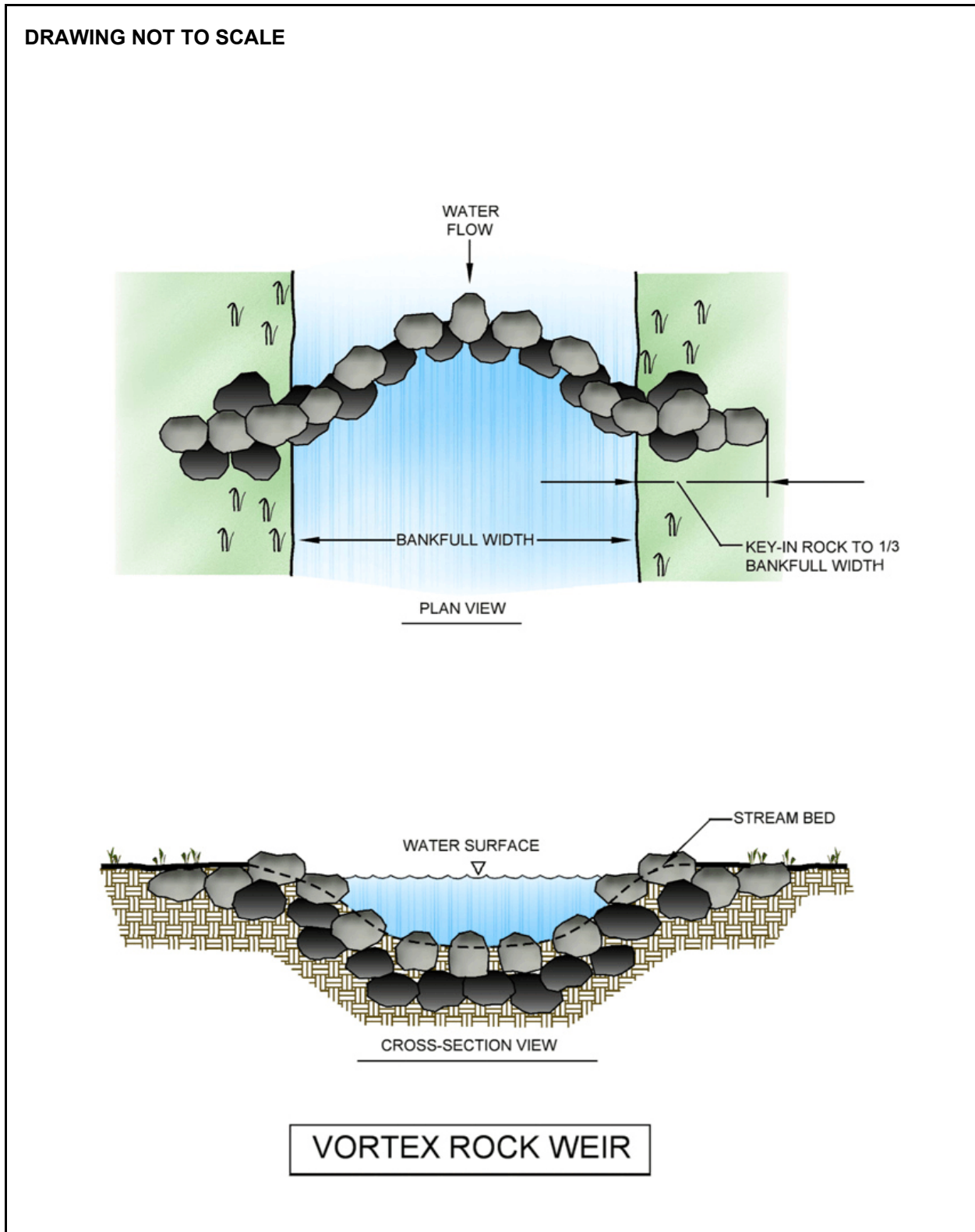
Drawing 11. Rock-lined tailwater pool (cross-section view).



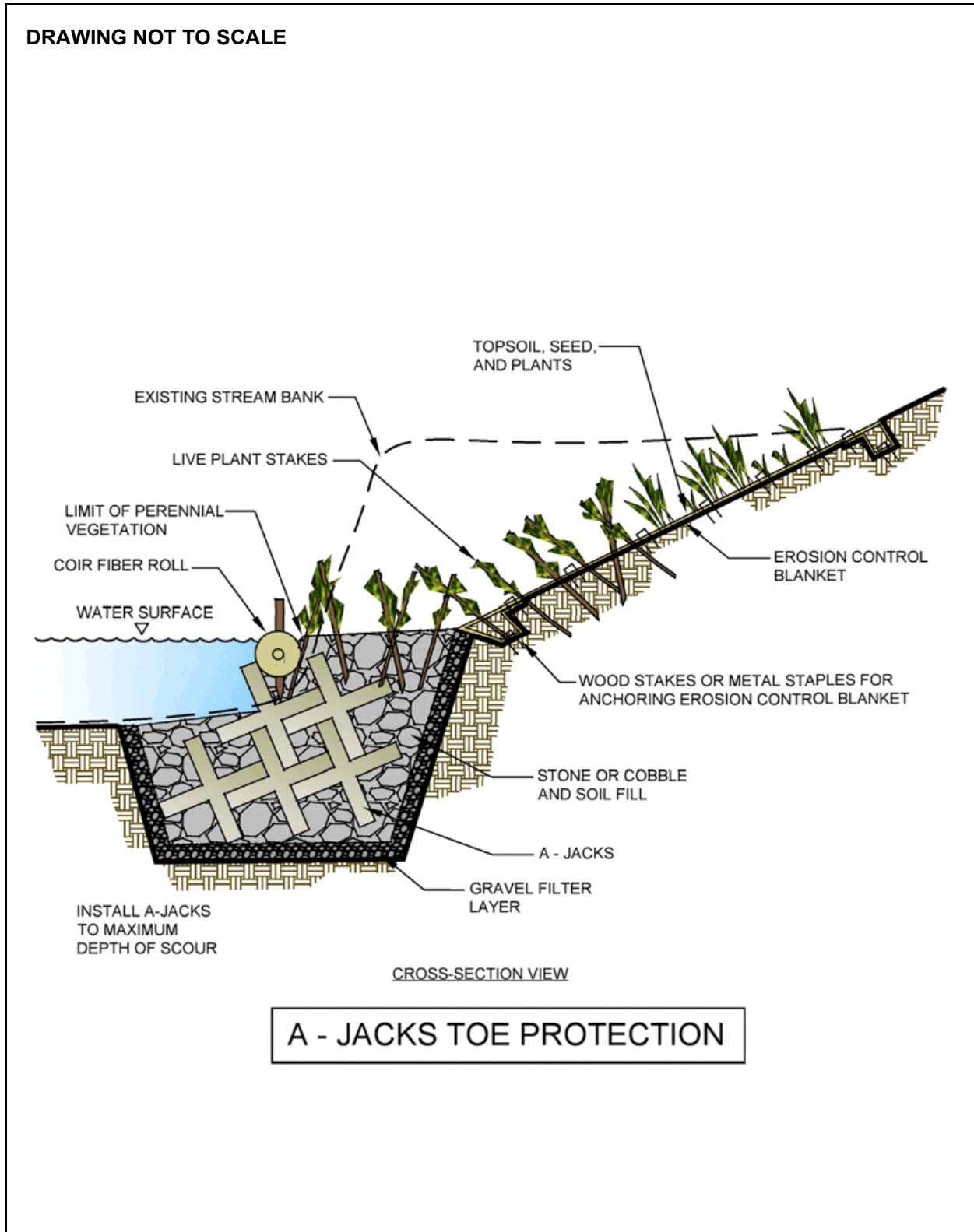
Drawing 12. Rock step pool.



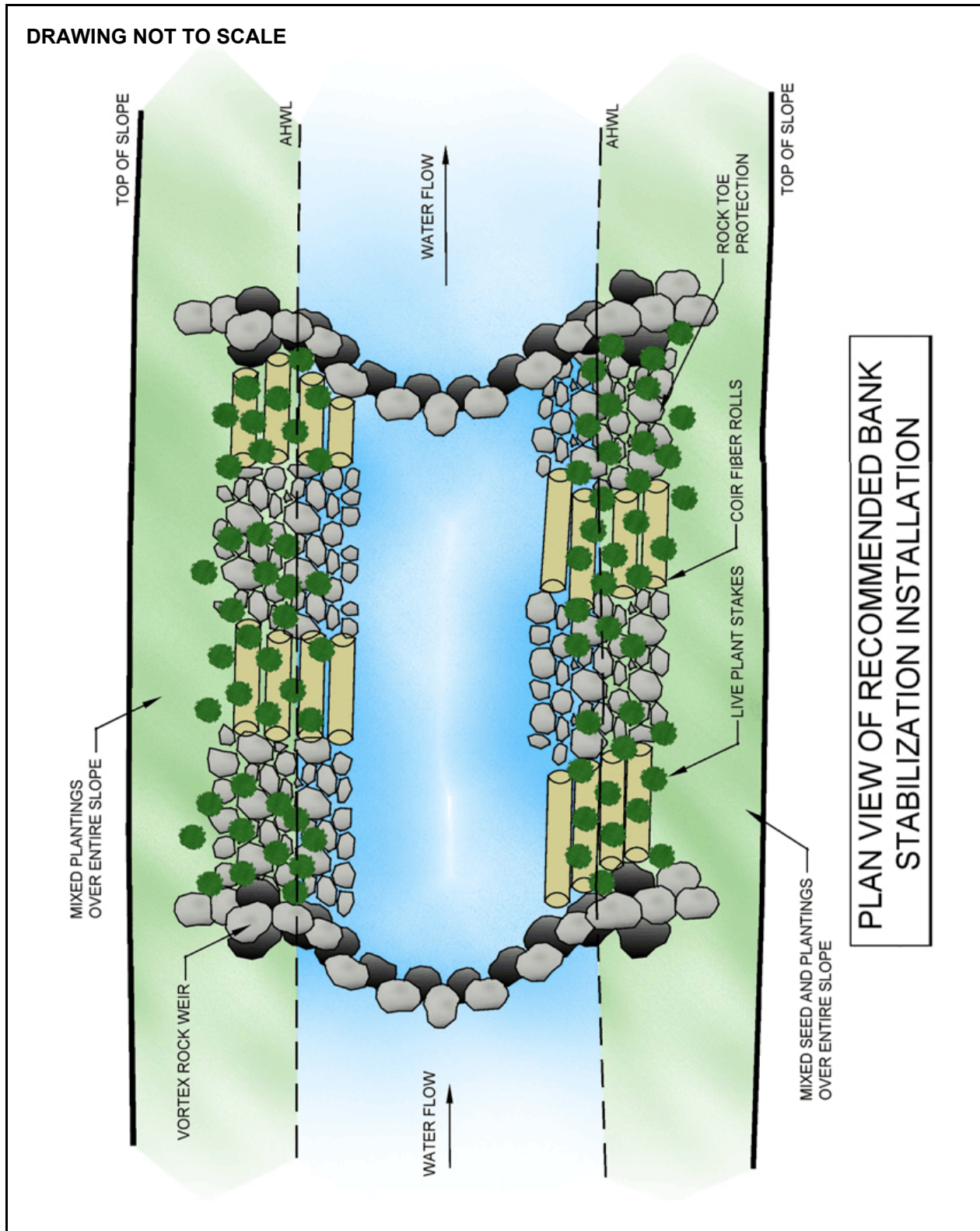
Drawing 13. Gabion basket retrofit.



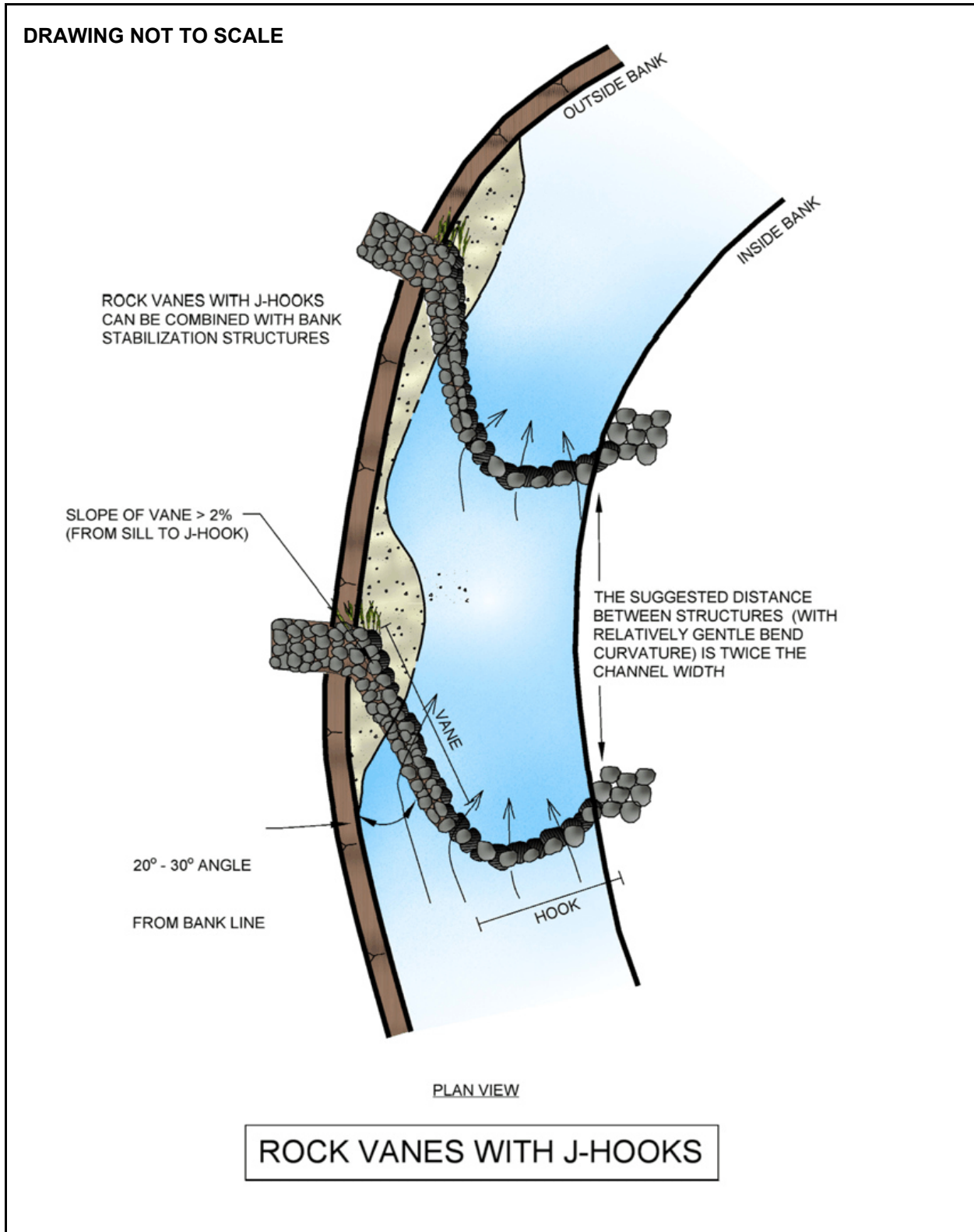
Drawing 14. Vortex rock weir.



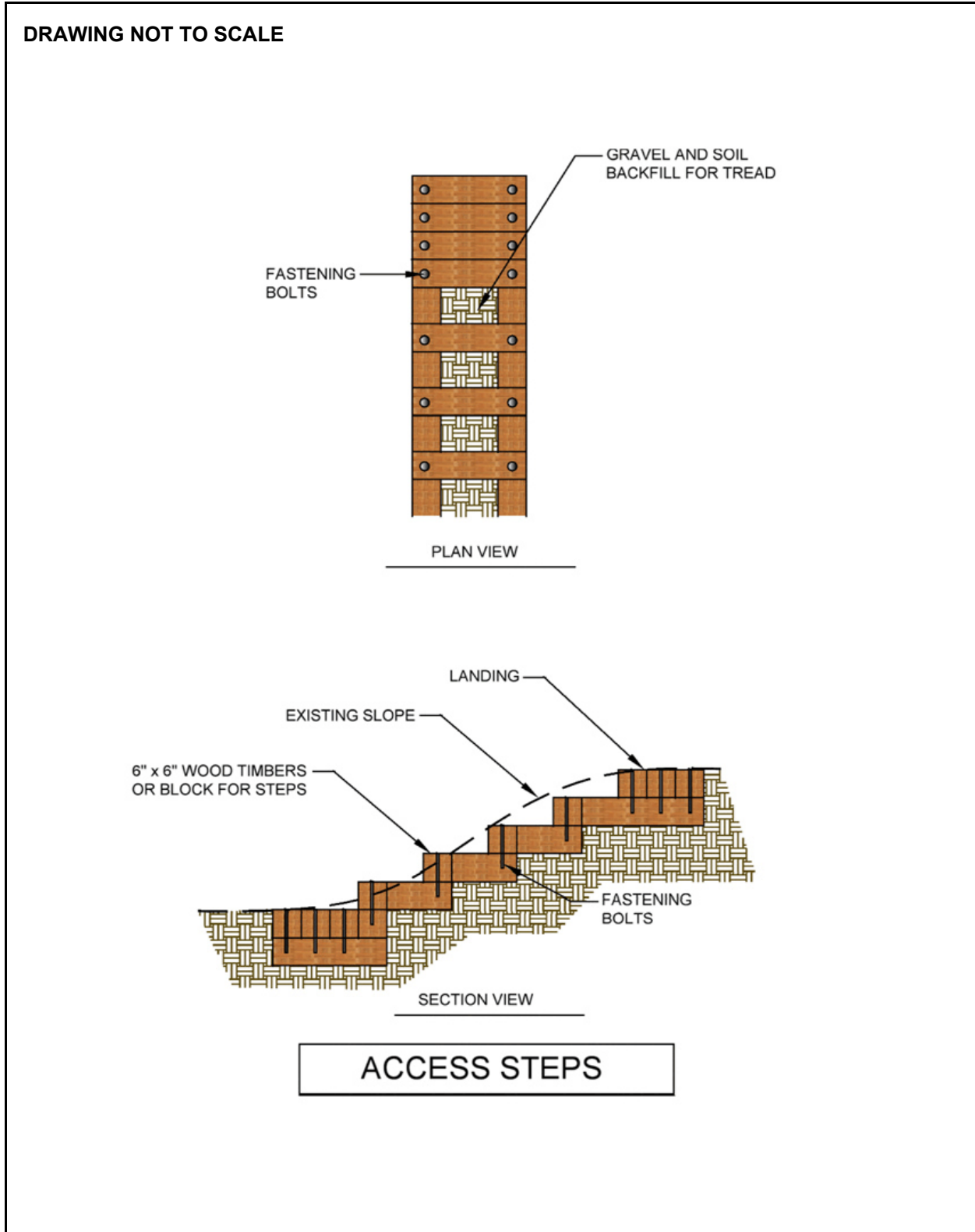
Drawing 15. A-jacks toe protection.



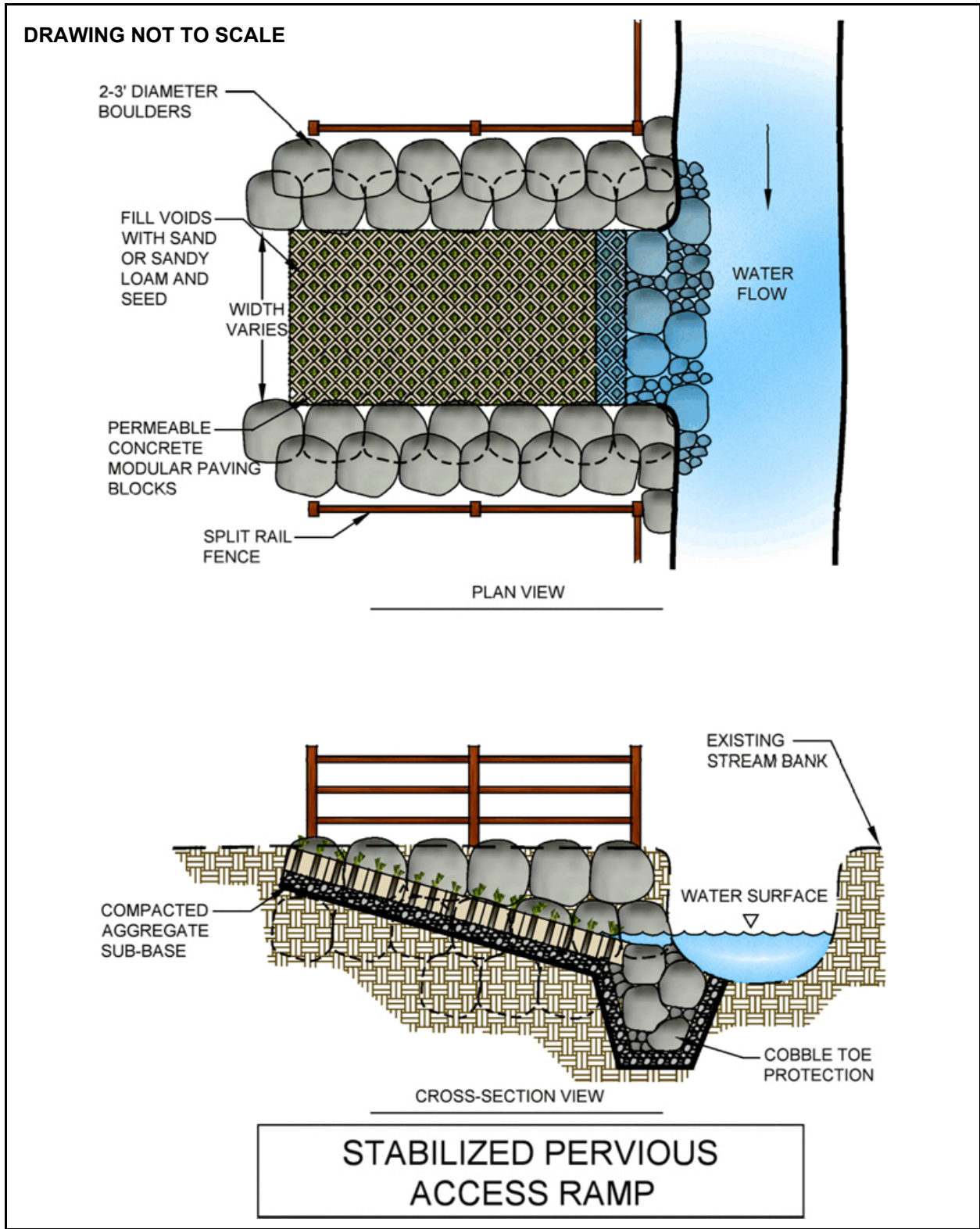
Drawing 16. Plan view of recommended bank stabilization installation.



Drawing 17. Rock vanes with J-hooks.



Drawing 18. Access steps.



Drawing 19. Stabilized pervious access ramp.