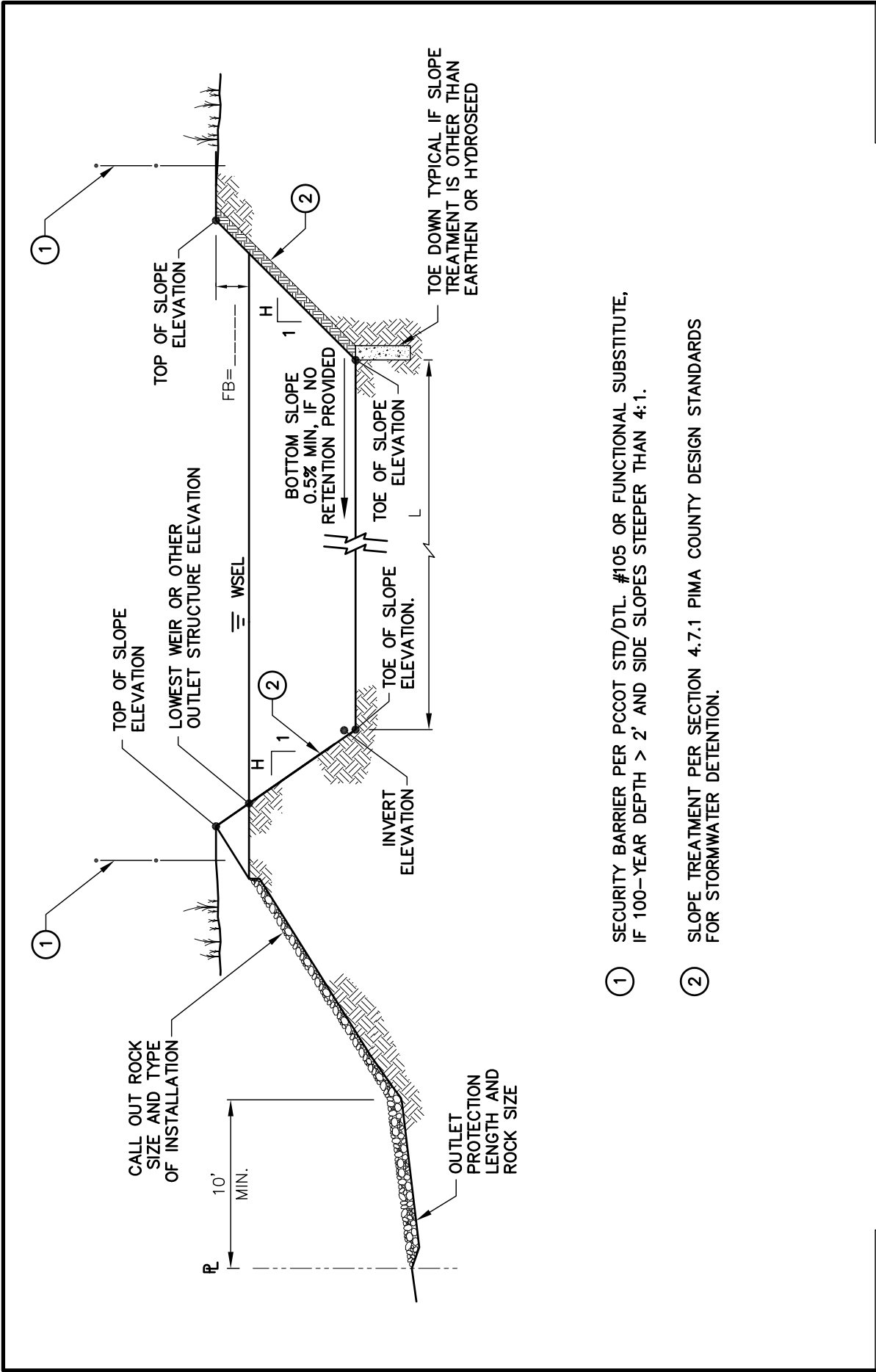


## **APPENDIX B: DETAILS**



DETAIL B.1

TYPICAL CROSS-SECTION FOR EXCAVATED BASIN  
PRIVATE DETENTION BASIN

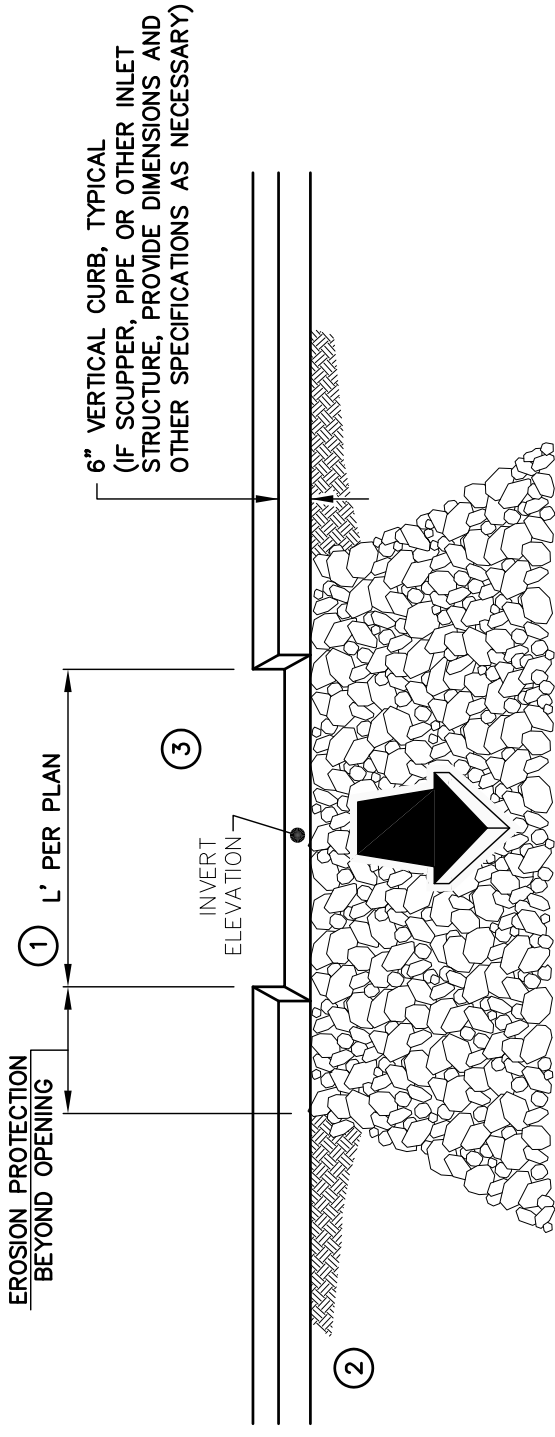
- ① SECURITY BARRIER PER PCCOT STD/DTL. #105 OR FUNCTIONAL SUBSTITUTE, IF 100-YEAR DEPTH > 2' AND SIDE SLOPES STEEPER THAN 4:1.
- ② SLOPE TREATMENT PER SECTION 4.7.1 PIMA COUNTY DESIGN STANDARDS FOR STORMWATER DETENTION.

SCALE: NONE

DRAWN BY: sak

DATE: July 2012

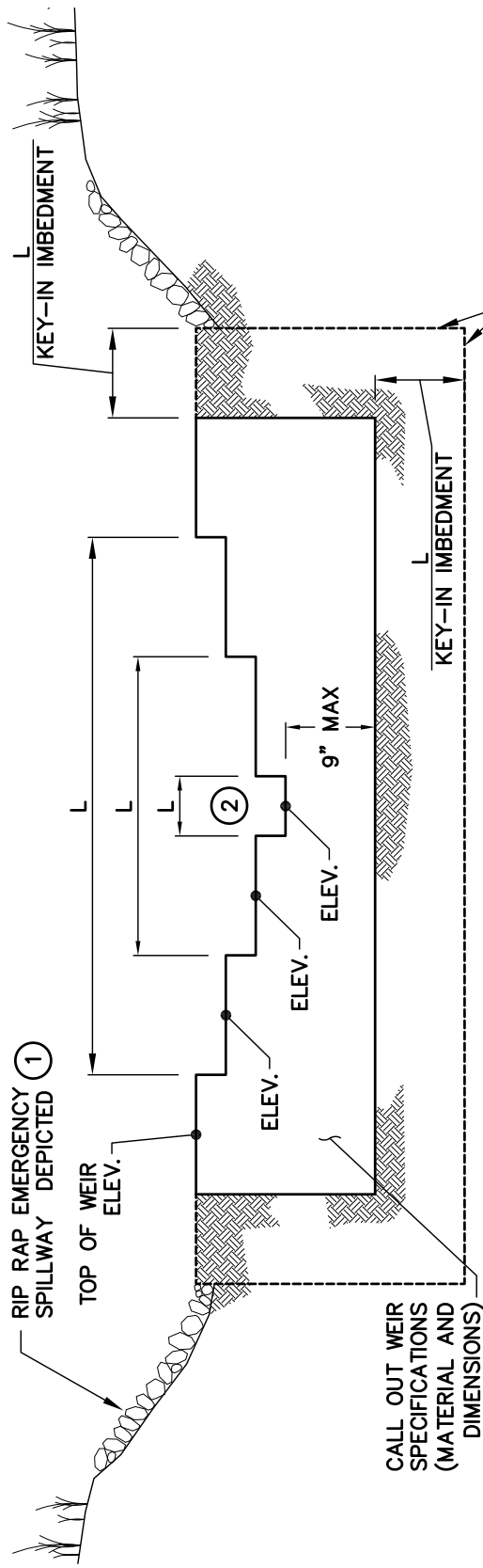




EROSION PROTECTION REQUIRED  
CALLOUT ROCK SIZE, CONCRETE OR  
OTHER TYPE OF INSTALLATION

VIEW FROM BASIN INTERIOR

- ① INLET DIMENSIONS TO MATCH DRAINAGE REPORT ANALYSIS AND TO BE PLACED ON PLAN VIEW.
- ② SLOPE TREATMENT PER SECTION 3.8.1 PIMA COUNTY DESIGN STANDARDS FOR STORMWATER DETENTION.
- ③ DESIGN Q100 AT THE INLET.

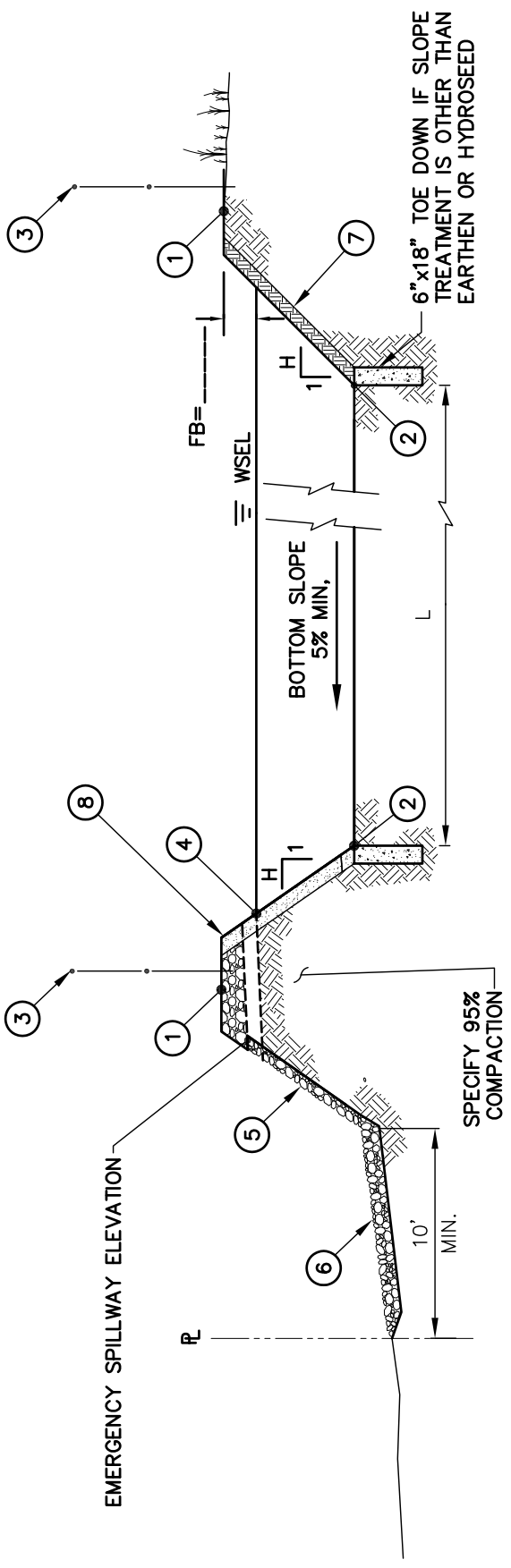


VIEW FROM BASIN INTERIOR

- ① IF EMBANKMENT, PROVIDE LENGTH AND ELEVATION OF EMERGENCY SPILLWAY.
- ② DESIGN Q100.



DETAIL B.4  
 DATE: June 2012



**# NOTES:**

- 1 TOP OF SLOPE ELEVATION
- 2 TOE OF SLOPE ELEVATION
- 3 SECURITY BARRIER PER PCCOT STD./DTL. #105 OR FUNCTIONAL SUBSTITUTE, IF 100-YEAR DEPTH > 2' AND SIDE SLOPES STEEPER THAN 4:1.
- 4 LOWEST WEIR OR OTHER OUTLET STRUCTURE ELEVATION
- 5 CALL OUT ROCK SIZE AND TYPE OF INSTALLATION.
- 6 OUTLET PROTECTION LENGTH AND ROCK SIZE
- 7 SLOPE TREATMENT PER SECTION 4.7.1 PIMA COUNTY DESIGN STANDARDS FOR STORMWATER DETENTION.
- 8 EMBANKMENT SLOPE TREATMENT PER SECTION 4.10.1 PIMA COUNTY DESIGN STANDARDS FOR STORMWATER DETENTION.

TYPICAL CROSS-SECTION FOR BASIN WITH EMBANKMENT CONDITIONS  
 PRIVATE DETENTION BASIN

SCALE: NONE

DRAWN BY: sak