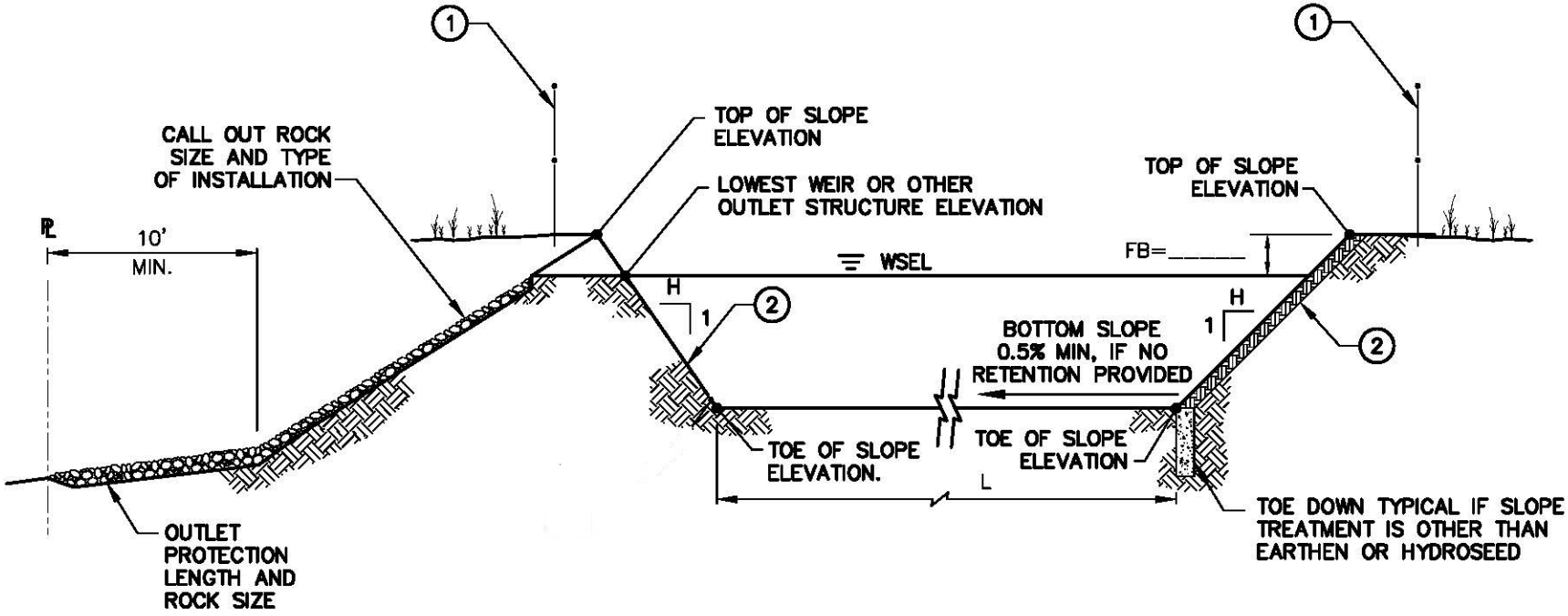
APPENDIX E: DETAILS



(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.

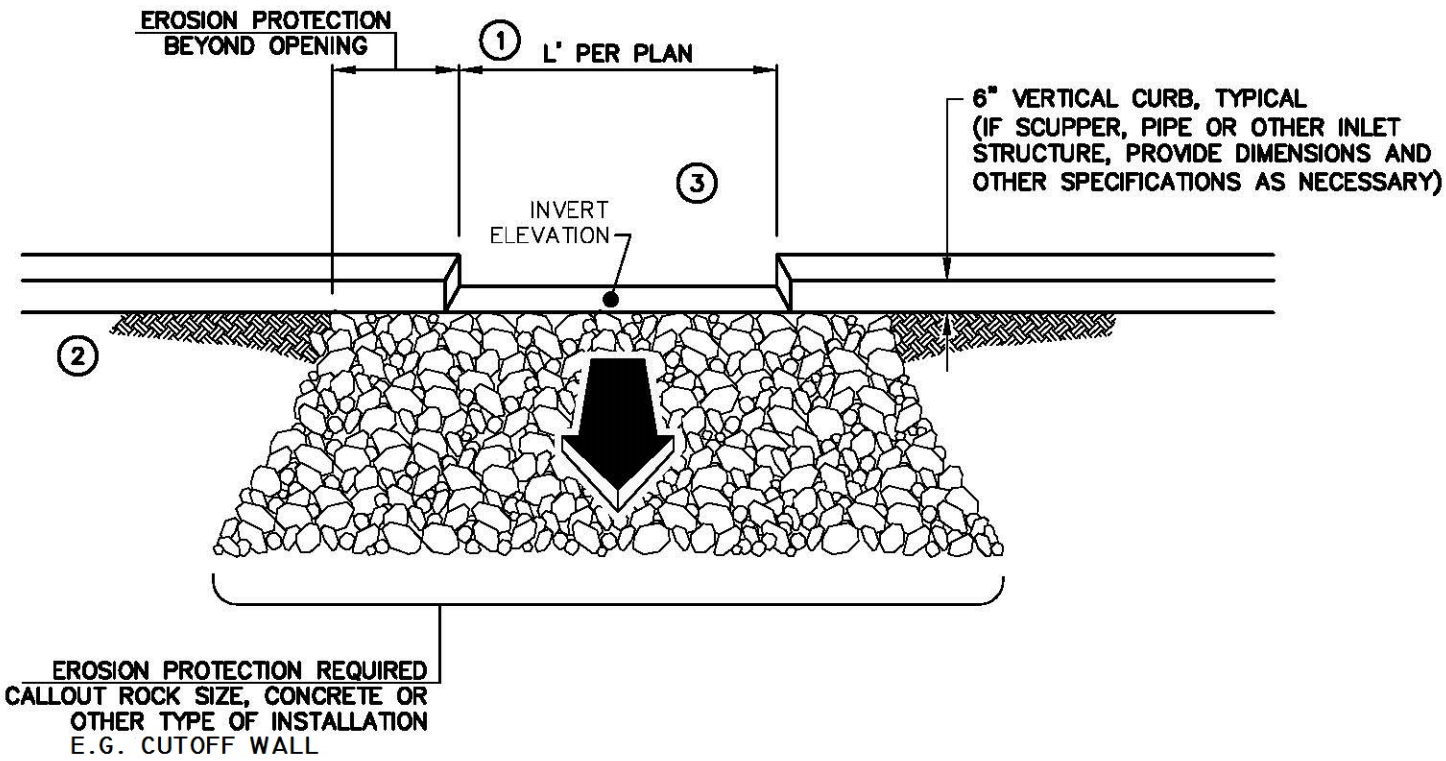
Pima County Regional FLOOD CONTROL DISTRICT

DETAIL B.1

TYPICAL CROSS-SECTION FOR EXCAVATED BASIN
PRIVATE DETENTION BASIN

SCALE: NONE | DRAWN BY: sak | DATE: July 2012

THE SEAL of PIMA COUNTY ARIZONA



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 Q_{100} AT THE INLET.

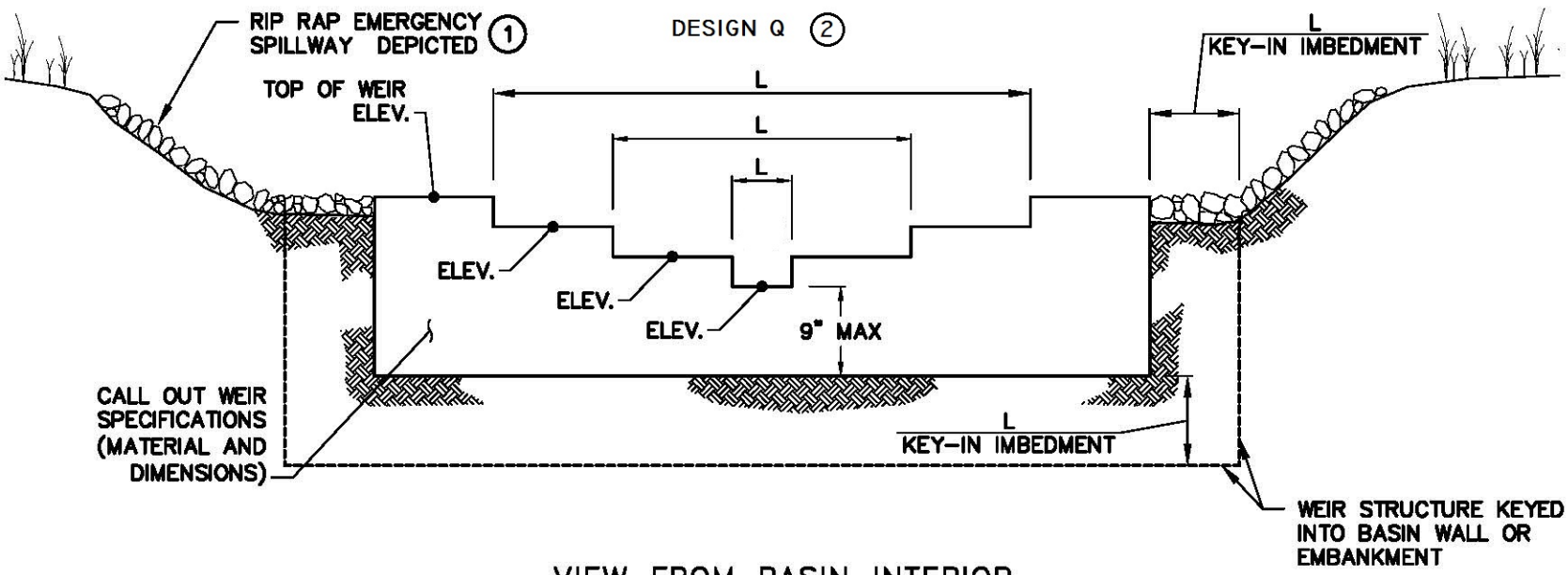
Pima County Regional FLOOD CONTROL DISTRICT

DETAIL B.2

TYPICAL BASIN INLET
PERPENDICULAR TO FLOW

SCALE: NONE | DRAWN BY: sak | DATE: JUNE 2012

THE SEAL of PIMA COUNTY ARIZONA



VIEW FROM BASIN INTERIOR

(1) IF EMBANKMENT, PROVIDE LENGTH AND ELEVATION OF EMERGENCY SPILLWAY.

(2) DESIGN Q_{100}, Q_{10}, Q_2

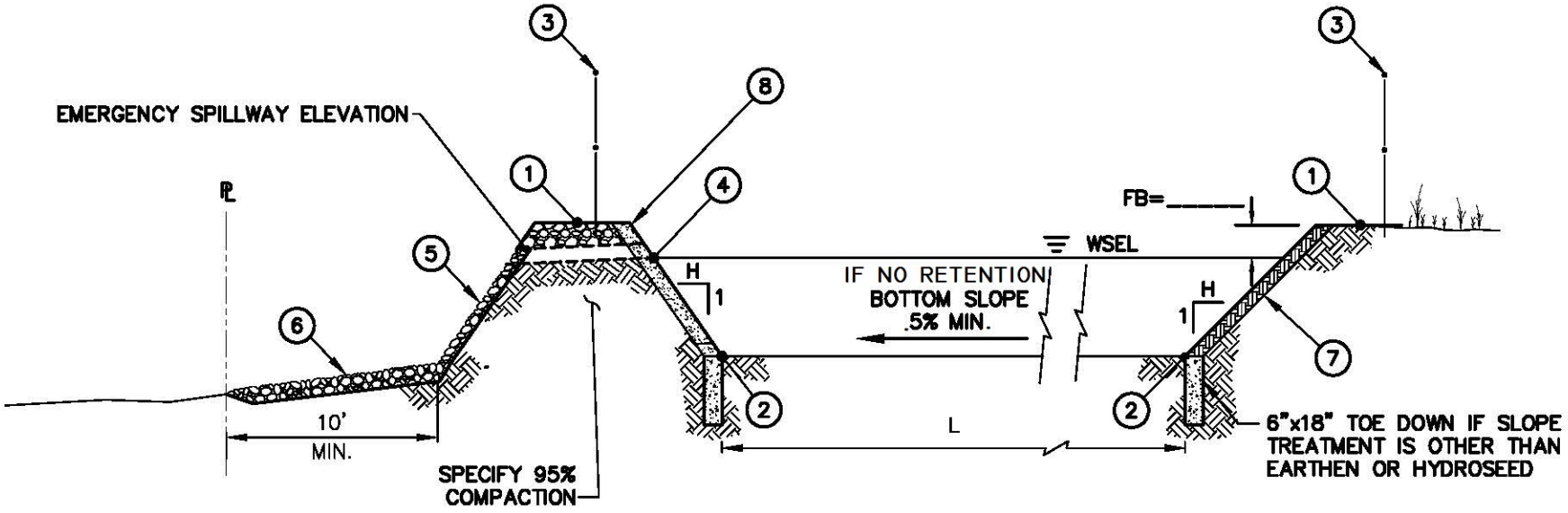
Pima County Regional FLOOD CONTROL DISTRICT

DETAIL B.3

TYPICAL BASIN OUTLET
PERPENDICULAR TO FLOW

SCALE: NONE | DRAWN BY: sak | DATE: June 2012

THE SEAL of PIMA COUNTY ARIZONA



(#) 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.

Pima County Regional FLOOD CONTROL DISTRICT

DETAIL B.4

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

SCALE: NONE | DRAWN BY: sak | DATE: June 2012

THE SEAL of PIMA COUNTY ARIZONA