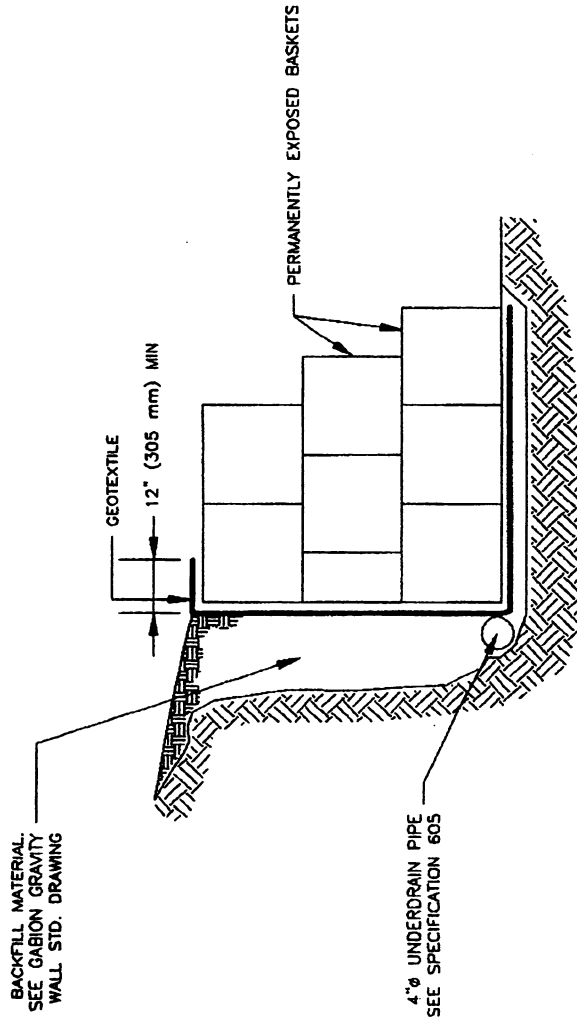
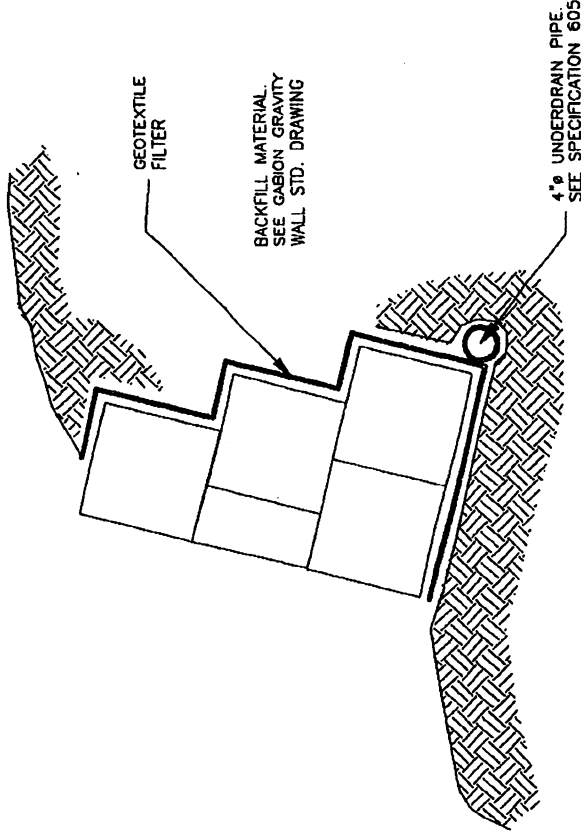
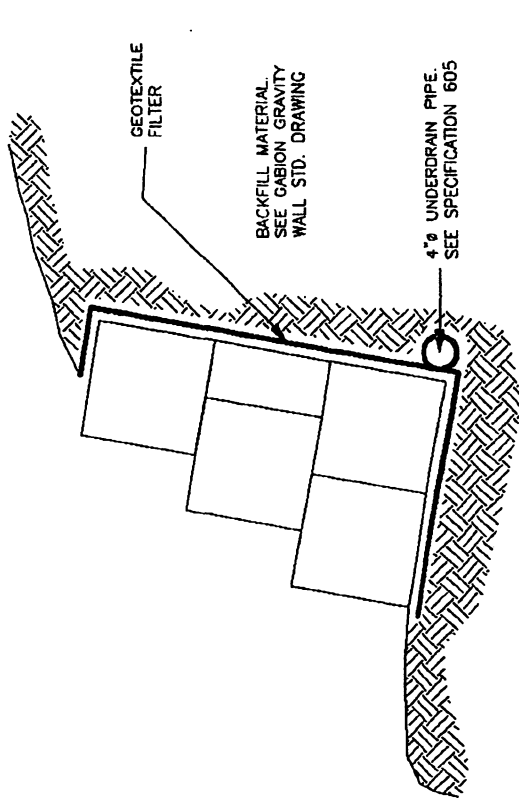


**GABION MATTRESS WITH GEOTEXTILE FILTER**



**GABION WALL WITH GEOTEXTILE FILTER**



**NOTES:**

1. GEOTEXTILE FILTER SHALL BE PLACED BETWEEN THE GABION AND THE BORROW B BACKFILL.
2. THE GEOTEXTILE SHALL RUN THE ENTIRE LENGTH OF THE BOTTOM OF THE GRAVITY GABION WALL.
3. GEOTEXTILE SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
  - GEOTEXTILES FOR GABION GRAVITY RETAINING WALLS SHALL CONFORM WITH AASHTO M288, CLASS 2, WITH ELONGATION GREATER OR EQUAL TO 50%, AND SUBSURFACE DRAINAGE REQUIREMENTS FOR IN SITU SOIL PASSING THE #200 SIEVE BETWEEN 15% AND 50%.
  - GEOTEXTILES FOR SLOPE REVETMENT AND CHANNEL LINING SHALL CONFORM WITH AASHTO M288, CLASS 3, WITH ELONGATION GREATER OR EQUAL TO 50%, AND SUBSURFACE DRAINAGE REQUIREMENTS FOR IN SITU SOIL PASSING THE #200 SIEVE GREATER THAN 50%.
4. SUPPLIERS MAY SUBMIT A LIST OF GEOTEXTILES TO THE PRHTA THAT MEETS THE CRITERIA INDICATED IN NOTE 3 FOR LISTING IN TABLE 5 OF THE STANDARD DRAWINGS.

**TABLE 5 APPROVED LIST OF GEOTEXTILES FOR WELDED WIRE GABIONS**

| MANUFACTURER | PRODUCT IDENTIFICATION |                                |
|--------------|------------------------|--------------------------------|
|              | GABION GRAVITY WALL    | SLOPE REVETMENT CHANNEL LINING |
|              |                        |                                |
|              |                        |                                |
|              |                        |                                |

THE CONTRACTOR SHALL USE ANY OF THE APPROVED GEOTEXTILES ABOVE FOR WELDED WIRE GABION APPLICATIONS.

EFFECTIVE DATE: JULY 2000

COMMONWEALTH OF PUERTO RICO  
 DEPARTMENT OF TRANSPORTATION  
 AND PUBLIC WORKS  
 HIGHWAY AND TRANSPORTATION AUTHORITY

RECOMMENDED BY: *[Signature]*  
 DESIGN DATE: 1/15/2000  
 APPROVED BY: *[Signature]*  
 EXECUTIVE DIRECTOR DATE: 2/21/2000

**GABIONS**  
**WELDED WIRE GABION**  
**GEOTEXTILES**

| DATE | REVISION | BY | STD. DWG. |
|------|----------|----|-----------|
|      |          |    |           |
|      |          |    |           |

**GABI**  
**4 OF 20**