



가

“ ” 가

(US Army Corps of Engineers) (1)

가 (2)

가 . 1980 가 (3)

가 (4)

(5) 가

2가

가 () 가

(無木區域, vegetation-free zone) (無根區域, root-free zone)

가 ()

1997 10 30 (integrity) ()

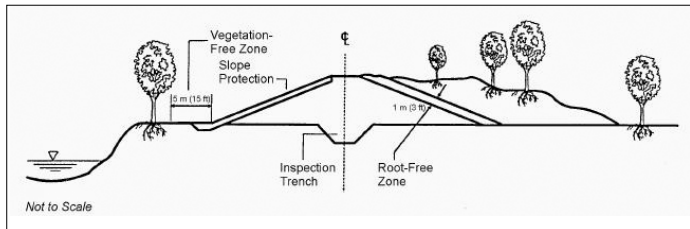
가



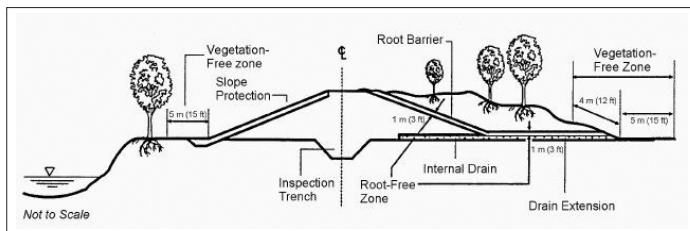
가 (seepage) 가 가

3, 1×2, 1×2,) 3×15, 3×15,
 4×(), 1×3, 2 가 2×12, 2
 ×2, 0.5×(), ×7, 3×12,
 4×20, 2×7, 1×(3×12, 2×3,
), 2×6, 2×2, 2×2,
 2×10, 2×8, 2×2, 2×2
 가 2×5, (

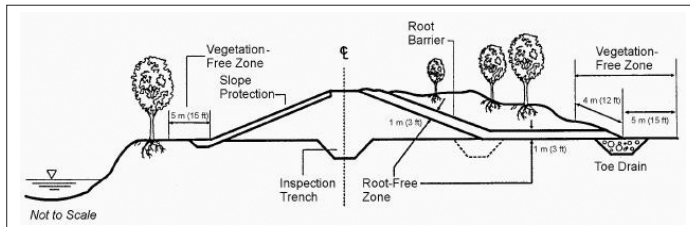
(geomembrane)



1.



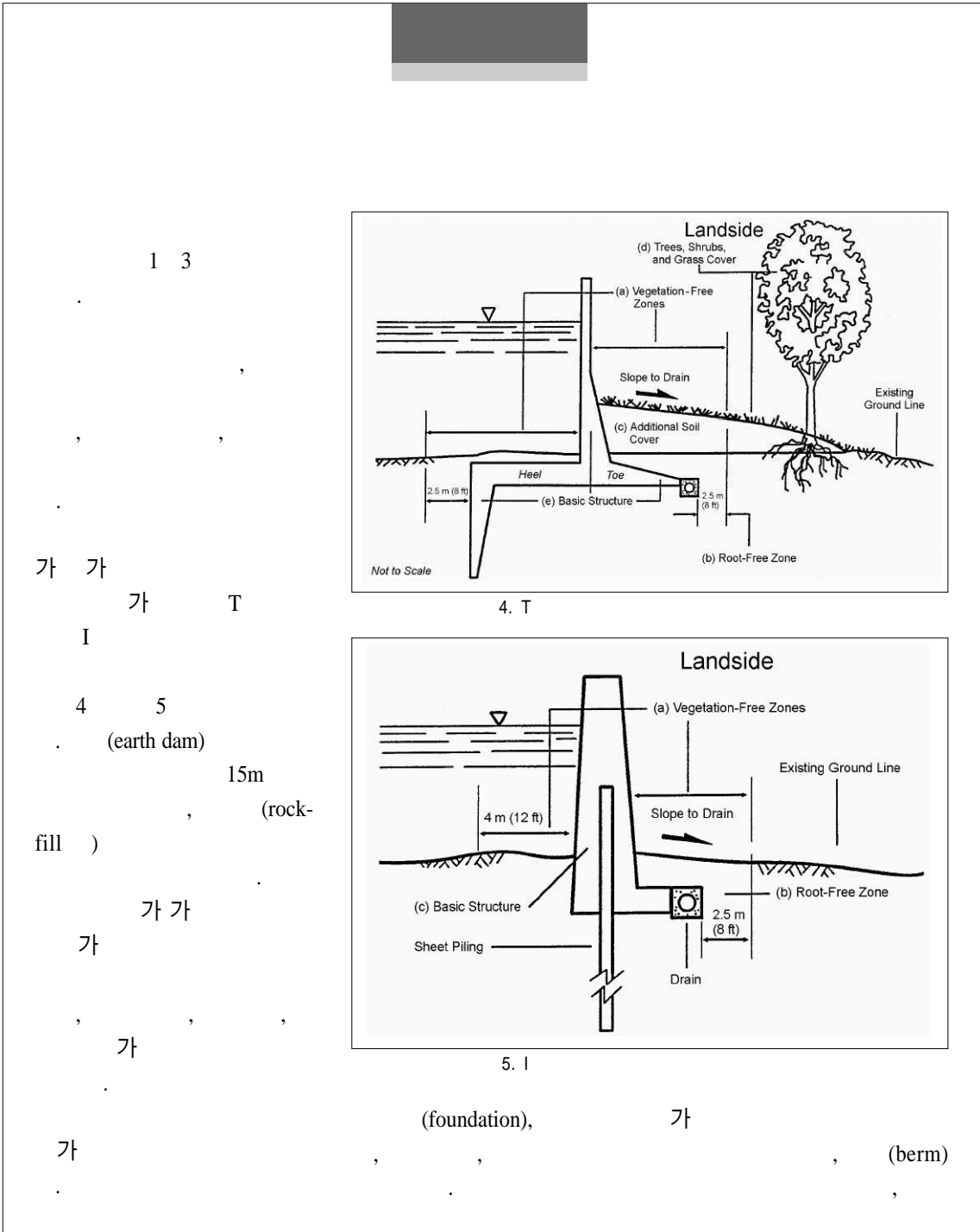
2.

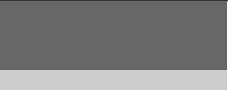



3. 가

m

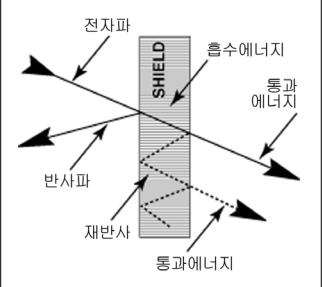
3 × 7, 3 ×
 10, 3 × 7,
 3 × 7, 2 × 12,
 2 × 8, 2 × 12,
 3 × 8, 3 × 7,
 3 × 12, 2 × 6, 2
 × 9, 2 × 5, 2 ×
 10, 2 × 8, 2
 × 10, 4 × 15, 4 ×
 15, 1 × 3, 1 ×







가



1.

가

(WHO)

2004

“ ”

가

가

1.

1. “

1998.

2. US Army Corps of Engineers, “Guidelines for Landscape Planting and Vegetation Management at Floodwalls, Levees, and Embankment Dams,” Engineer Manual 1110-2-301, 2000.

SE_R :

SE_M :

1.

2.

2.

(SE)

SE = SE_A + SE_R + SE_M

SE_A :

가

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