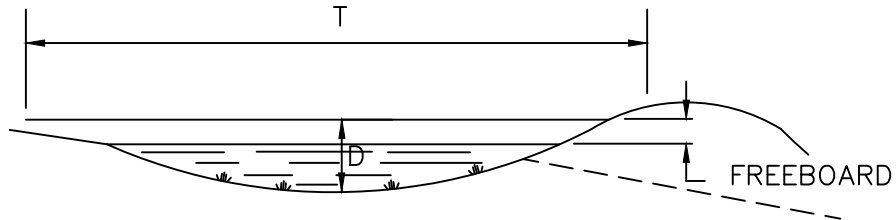


AN EARTH CHANNEL WITH OR WITHOUT A RIDGE ON THE LOWER SIDE.



- AVOID SLOPES > 15%
- USE WITH CAUTION ON SOILS SUBJECT TO SLIPPAGE
- DESIGN:

TYPE	EXPECTED LIFE	LOCATION	STORM FREQUENCY	FREE-BOARD
TEMPORARY	≤ 1 YEAR	CONSTRUCTION AREAS	2 YEARS	0.3'
		BUILDING SITES	5 YEARS	0.3'
PERMANENT	> 1 YEAR	LANDSCAPED, RECREATION & SIMILAR AREAS	25 YEARS	0.3'
		DWELLINGS, SCHOOLS, COMMERCIAL BUILDINGS & SIMILAR INSTALLATIONS	50 YEARS	0.5'

- SIDE SLOPES MUST BE STABLE AND NO STEEPER THAN 2:1
- RIDGE MUST BE ≥ 4' WIDE AT DESIGN WATER ELEVATION
- FREEBOARD ≥ 0.3' PLUS A SETTLEMENT FACTOR
- OUTLET MUST NOT CAUSE AN EROSION PROBLEM
- VELOCITY ≤ 6 FT/SEC. IF VEGETATIVE COVER USED



**CITY OF CORDELE, GEORGIA - STANDARD DETAIL**

**(Di) DIVERSIONS**

DETAIL NO:

E-031

DATE: