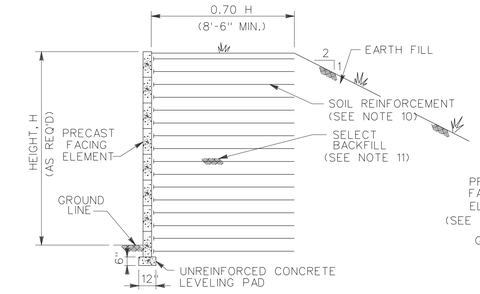
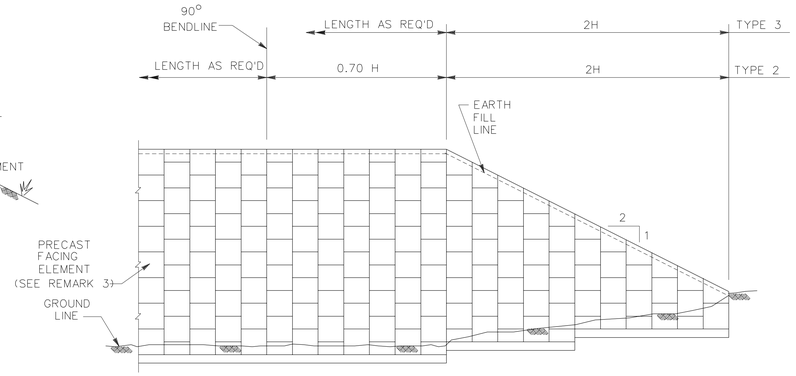
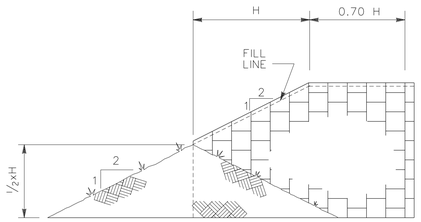


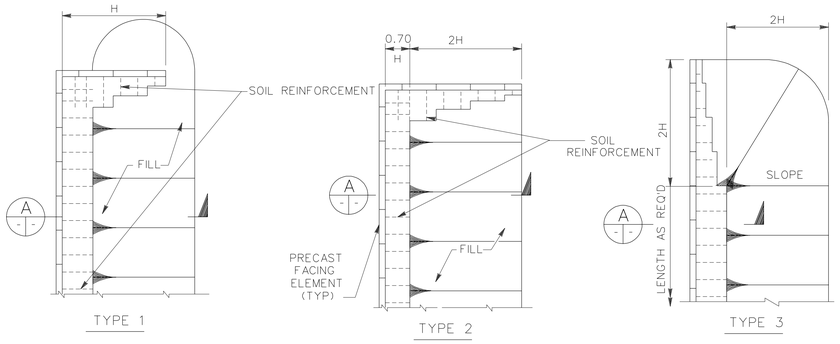
SECTION A



PARTIAL ELEVATION -TYPE 2 AND 3



ELEVATION - TYPE 1



END PLAN

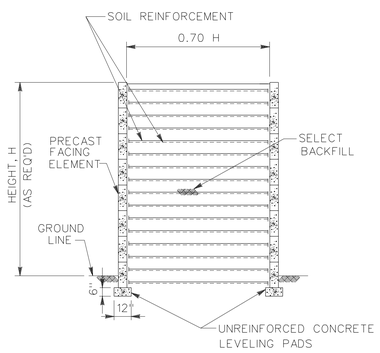
B9 - REINFORCED SOIL - SINGLE REVETTED

ESTIMATED COST, $				
PER LIN. FT. OF CROSS SECTION 15 FT. HIGH	PER SQ. FT. OF OF WALL FACE 15 FT. HIGH	LUMP SUM END		
		TYPE 1	TYPE 2	TYPE 3
480	32	4,200	5,500	6,300

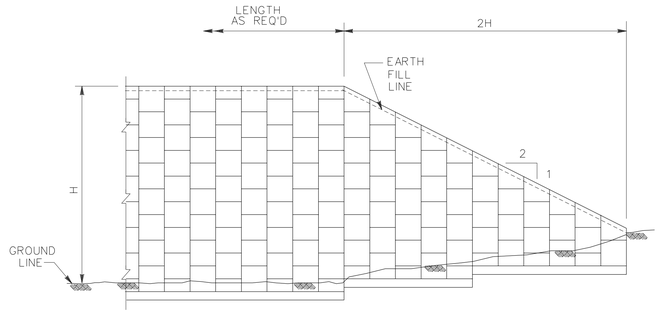
ESTIMATED ERECTION TIME MANHOURS			
100 LIN. FT. OF CROSS SECTION 15 FT. HIGH	END TYPE 1	END TYPE 2	END TYPE 3
1,070	95	160	150

REMARKS:

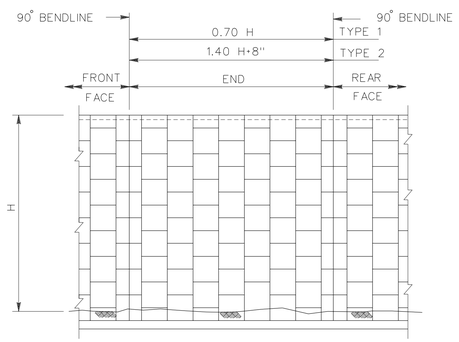
1. CAN BE ECONOMICALLY AND RAPIDLY CONSTRUCTED.
2. REQUIRES SHALLOW FOUNDATION.
3. VARIETY OF ARCHITECTURAL FACING ELEMENTS AND FINISHES AVAILABLE (CRUCIFORM, HEXAGONAL, RIBBED, ETC.)
4. NO HEIGHT OR LENGTH LIMITATIONS.
5. FACING ELEMENTS ARE REUSABLE.
6. WALLS CAN BE LOCATED CLOSE TO SITE BOUNDARIES OR OBSTRUCTIONS.
7. SYSTEM ADAPTABLE TO SLOPING WALL CONFIGURATIONS AND TO TIERS.
8. SYSTEM CAN TOLERATE SIGNIFICANT AMOUNT OF SETTLEMENT.
9. REPAIR CAN BE ACCOMPLISHED ON INDIVIDUAL FACING ELEMENTS.
10. GALVANIZED STRIPS, STEEL WIRE MESH, GEOSYNTHETIC, ETC. ARE USED FOR SOIL REINFORCEMENT.
11. GRANULAR MATERIALS ARE GENERALLY USED TO PROVIDE PROPER DRAINAGE. SELECTION OF BACKFILL SHALL BE AS RECOMMENDED BY THE SYSTEMS MANUFACTURER.
12. REQUIRES SLOPE STABILIZATION (SEEDING, ETC.).
13. PATENTED SYSTEMS:
    a. REINFORCED EARTH CO.
       1414 TWENTY SECOND ST. N.W.
       WASH., D.C. 20037
       (202) 223-3434
    b. VSL CORPORATION
       101 ALBRIGHT WAY
       LOS GATOS, CA. 95030
       (408) 866-5000
    c. HILFIKER WALLS
       P.O. BOX 2012
       EUREKA, CA. 95502
       (707) 443-5093



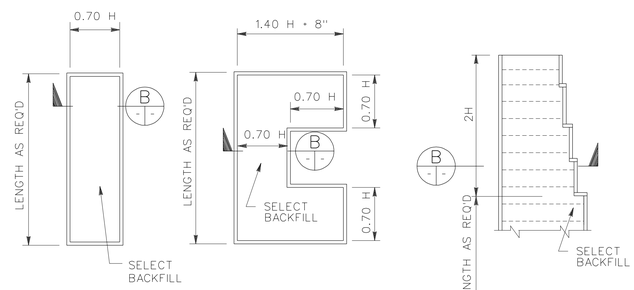
SECTION B



PARTIAL ELEVATION - TYPE 3



PARTIAL ELEVATION - FRONT FACE TYPE 1 AND 2



NOTE: SOIL REINFORCEMENTS NOT SHOWN FOR CLARITY (TYPE 1 AND 2)

PLAN

ESTIMATED COST, $				
PER LIN. FT. OF CROSS SECTION 15 FT. HIGH	PER SQ. FT. OF OF WALL FACE 15 FT. HIGH	LUMP SUM END		
		TYPE 1	TYPE 2	TYPE 3
820	55	4,000	16,500	15,400

ESTIMATED ERECTION TIME MANHOURS			
100 LIN. FT. OF CROSS SECTION 15 FT. HIGH	END TYPE 1	END TYPE 2	END TYPE 3
1,510	60	280	290

REMARKS:

SEE "REINFORCED SOIL - SINGLE REVETTED"

B10 - REINFORCED SOIL - DOUBLE REVETTED

Symbol	Description	Date	Approved
1	SHEET TOTAL CHANGED	22NOV91	

Revisions

U.S. ARMY ENGINEER DIVISION, HUNTSVILLE
CORPS OF ENGINEERS
HUNTSVILLE, ALABAMA

Site adapt A/E :

US Army Corps of Engineers

Dwn. by : RDP | Ckd. by : AF

BARRICADES

Reviewed by :

Approved by :

Date : 2 DEC 88

Drawing code : DEF 149-30-01

Sheet reference number : 6

Design file no. : 51727

Rev.

Sheet 6 of 13

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