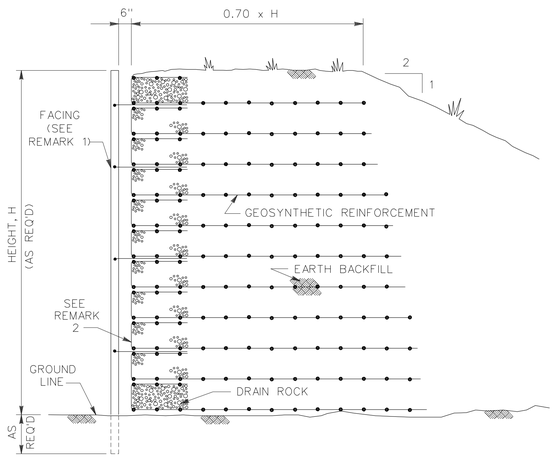
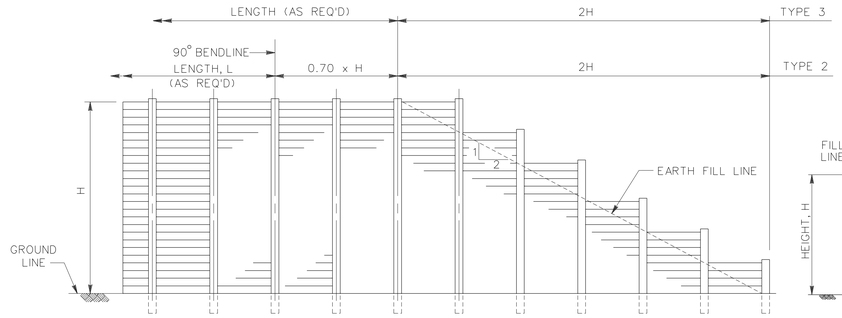
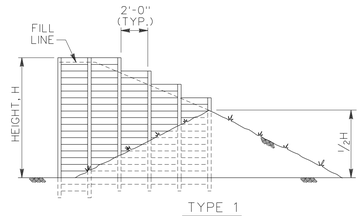


SECTION A

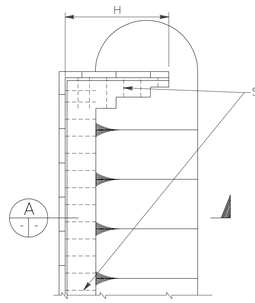


PARTIAL ELEVATION -TYPE 2 AND 3

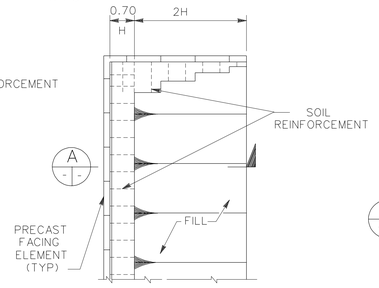
N.T.S.



TYPE 1

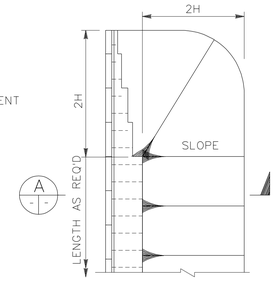


TYPE 1



TYPE 2

END PLAN



TYPE 3

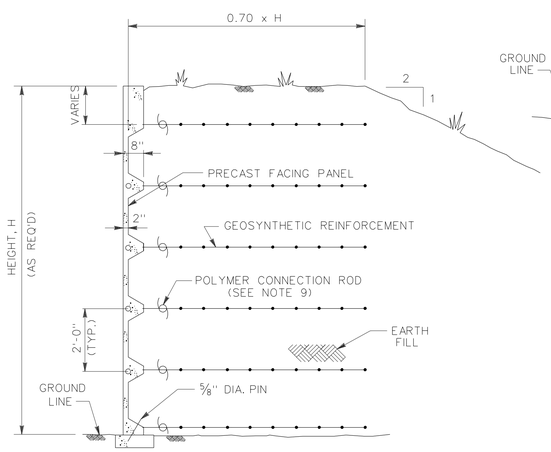
B11 - WRAPAROUND RETAINING WALL

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
330	22	6,300	6,900	7,500

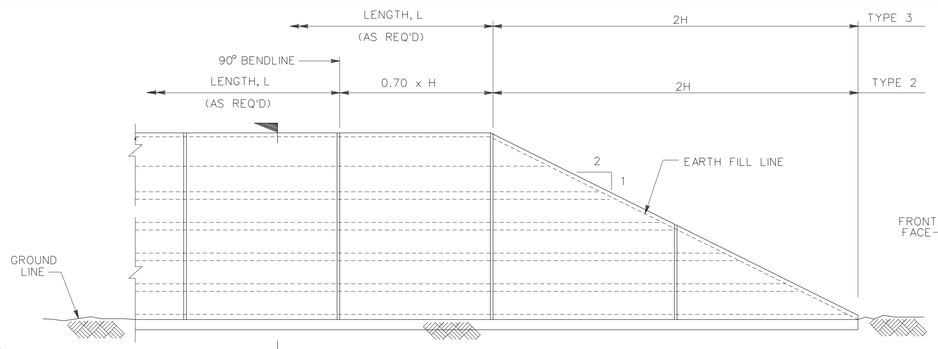
ESTIMATED ERECTION TIME MANHOURS			
100 LIN. FT. OF CROSS SECTION 15 FT. HIGH	END TYPE 1	END TYPE 2	END TYPE 3
1,040	160	160	190

REMARKS:

1. FACING CAN BE SELECTED TO ACHIEVE DESIRED ARCHITECTURAL FINISH. EXAMPLE: SOLDIER PILE AND LAGGING FACING, PRECAST CONCRETE, ETC.
2. GEOSYNTHETIC FINE MESH IS USED TO CONTAIN SOIL OR SAND FILL.
3. CAN BE ECONOMICALLY AND RAPIDLY CONSTRUCTED.
4. REQUIRES SHALLOW FOUNDATION.
5. SYSTEM CAN TOLERATE SIGNIFICANT AMOUNT OF SETTLEMENT.
6. REQUIRES SLOPE STABILIZATION (SEEDING, ETC.).
7. GEOSYNTHETIC REINFORCEMENT IS PLASTIC MESH MADE OF HIGH DENSITY POLYMER.
8. SUPPLIER:
   TENSAR CORPORATION
   P.O. BOX 49526
   ATLANTA, GA. 30359
   (404) 325-0814

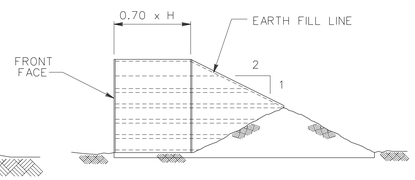


SECTION B

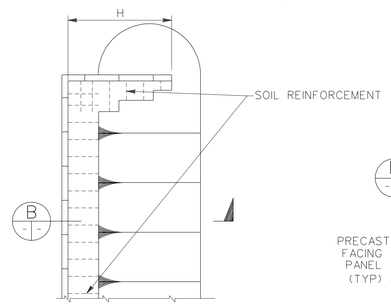


PARTIAL ELEVATION-TYPES 2 AND 3

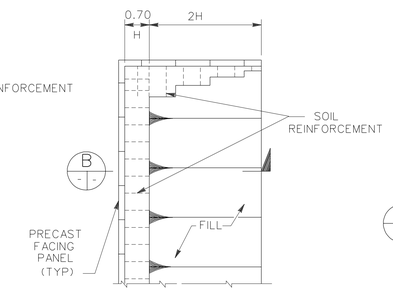
N.T.S.



TYPE 1



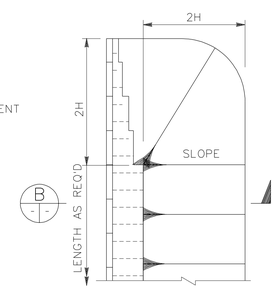
TYPE 1



TYPE 2

END PLAN

N.T.S.



TYPE 3

B12 - WAFFLE-CRETE RETAINING WALL

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
540	36	4,120	11,800	7,420

ESTIMATED ERECTION TIME MANHOURS			
100 LIN. FT. OF CROSS SECTION 15 FT. HIGH	END TYPE 1	END TYPE 2	END TYPE 3
1,220	100	230	160

REMARKS:

1. PRECAST FACING PANELS ARE LIGHTWEIGHT.
2. PANELS MUST BE EXTERNALLY BRACED DURING CONSTRUCTION.
3. WALL REQUIRES BATTER OF 1/8" PER FOOT.
4. VARIETY OF DIFFERENT PRECAST FACING PANELS ARE AVAILABLE, WITH WIDE VARIETY OF FINISHES.
5. LIMITED TO 20 FEET IN HEIGHT.
6. PROPRIETARY WAFFLE-CRETE PANELS SHOWN. OTHER FACING SYSTEMS MAY BE SUBSTITUTED.
7. REQUIRES SLOPE STABILIZATION (SEEDING, ETC.).
8. GEOSYNTHETIC REINFORCEMENT IS PLASTIC MESH MADE OF HIGH DENSITY POLYMER.
9. POLYMER CONNECTION ROD IS USED TO CONNECT THE PRECAST FACING PANEL TABS TO THE GEOSYNTHETIC REINFORCEMENTS.
7. SUPPLIER:
   TENSAR CORPORATION
   P.O. BOX 49526
   ATLANTA, GA. 30359
   (404) 325-0814

Symbol	Description	Date	Approved
1	SHEET TOTAL CHANGED	22NOV99	

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 : 7

Design file no. : 51728

Rev.

Sheet 7 of 13

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