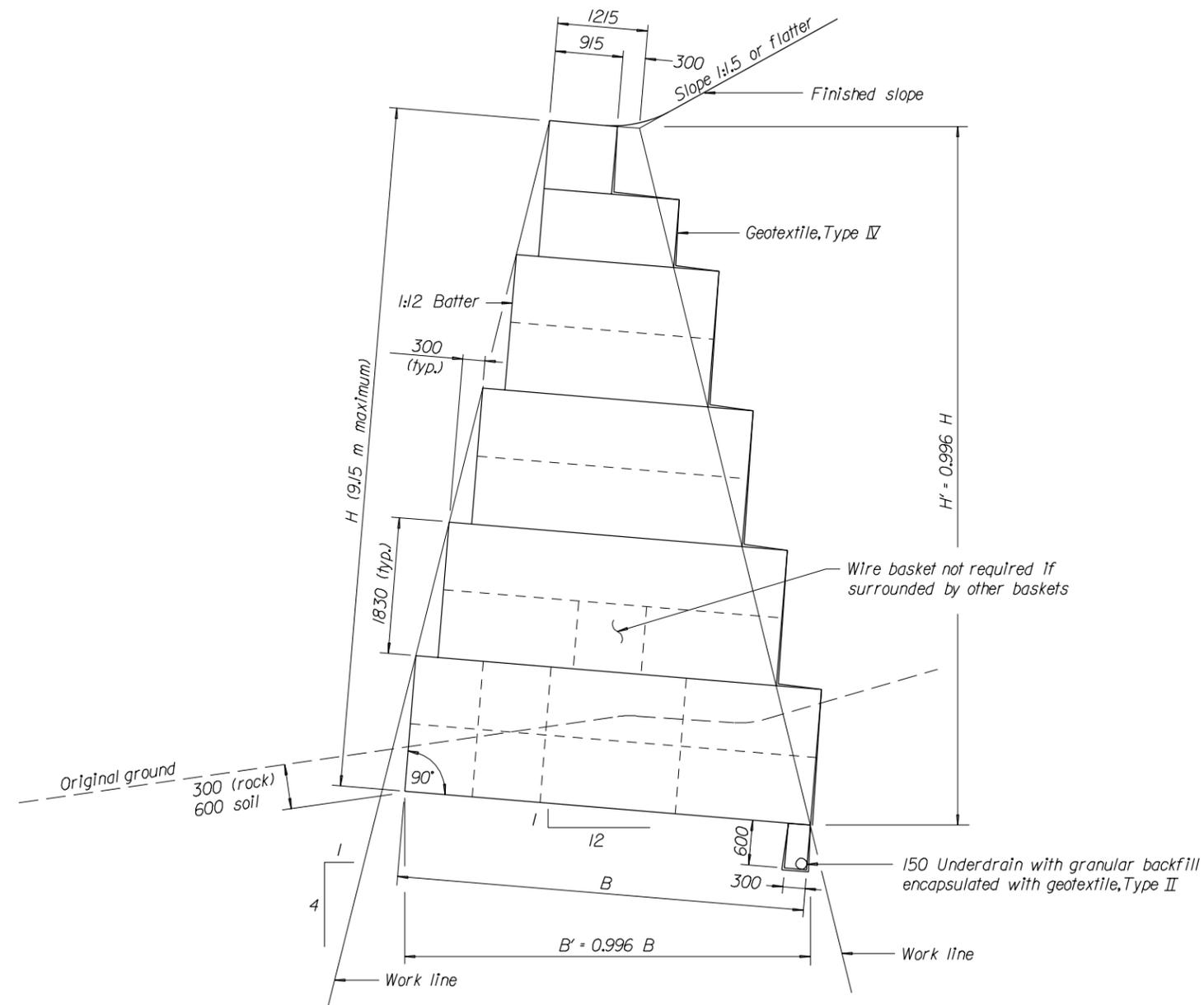


NOTES:

- Unless otherwise shown, dimensions are in millimeters.
- For design and layout, H' and B' may be considered equal to H and B, respectively.
- DESIGN DATA:**
 Weight of earth = 18.8 kN/m³
 Weight of rock-filled gabions = 17.3 kN/m³
 Angle of repose = 34° (1:1.5 slope)
 Design earth pressure:
 Horizontal- 12.6 kN/m³ equivalent fluid pressure
 Vertical- 6.3 kN/m³ equivalent fluid pressure
- CONSTRUCTION:**
 Fractional height courses (300 or 600 mm) will be permitted only in the top course.

 Wire baskets may be omitted from any 915 mm square section which is surrounded on all four sides by standard baskets and on ends by baskets not less than 1830 mm in length.

 Provide underdrain outlets at all low points, and intervals not to exceed 30 meters.



NUMBER OF COURSES	"H" m	"B" m	GABIONS m ³ /m
1	0.915	0.915	0.255
2	1.830	1.830	0.766
3	2.745	2.745	1.532
4	3.660	2.745	2.298
5	4.575	3.660	3.320
6	5.490	3.660	4.341
7	6.405	4.575	5.618
8	7.320	4.575	6.895
9	8.235	5.490	8.427
10	9.150	5.490	9.959

02/27/2003 07:58:05 AM M:\Standard\METRIC\EM25301.dgn

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION EASTERN FEDERAL LANDS HIGHWAY DIVISION	
METRIC DETAIL	
GABION RETAINING WALL	
DETAIL APPROVED FOR USE --/----	DETAIL
REVISED: 11/99	EM253-01