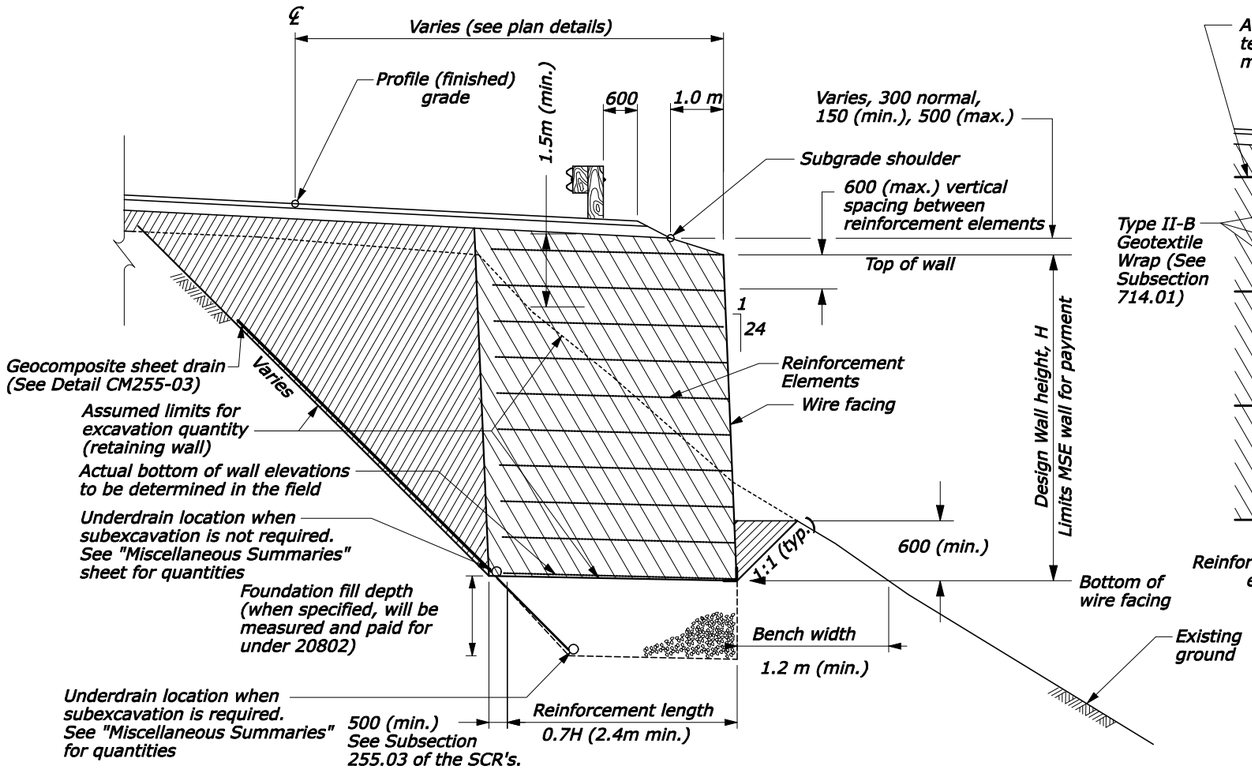
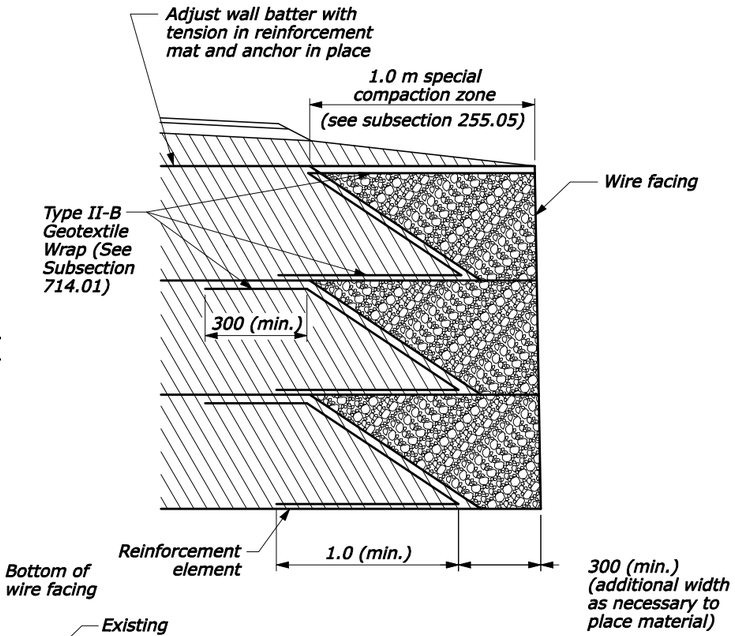
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS

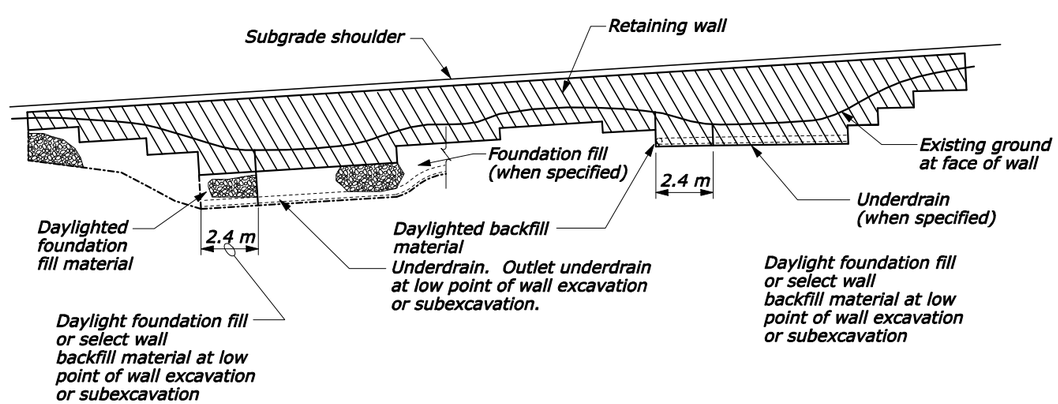




MSE WALL FACING DETAIL

Wall Backfill | Select Wall Backfill | Foundation fill (when specified) | Wall facing fill

TYPICAL SECTION



TYPICAL ELEVATION

NOTE:

1. Top of wall will be as shown on wall Layout Drawings. No steps will be allowed.
2. Survey MSE wall locations according to section 152 to acquire current terrain data. Prepare and submit for approval Preliminary Drawings according to 104.03. See subsection 255.03
3. Furnish select wall backfill consisting of soil meeting the requirements of Subsection 704.13(a).
4. Furnish wall backfill consisting of backfill soil meeting the requirements of subsection 704.13(b).
5. Furnish wall facing fill conforming to the requirements of subsection 704.13(c).
6. Install guardrail posts per Subsection 617.03.
7. Design data:

   Unit weight of select wall backfill = 19.6 kN/m3
   Equivalent fluid pressure (lateral) = 5.6 kN/m3
   Ø = 34° for select wall backfill.
   Use the maximum cover dimension for all design calculations.
8. See Detail CM255-03 for drainage details.
9. Place hardware cloth according to Subsection 255.04.
10. Terminate wire-face wall at the beginning and end of each lift with a return of the wall facing material (backing mat & hardware cloth) a minimum of 1.2 meters into the backfill. The returns shall not be measured for payment and are subsidiary to the MSE wall.
11. Dimensions not labeled are in millimeters.

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

METRIC DETAIL

MECHANICALLY STABILIZED EARTH WALL WELDED WIRE FACE

DETAIL APPROVED FOR USE 04/2000

REVISED:

DETAIL CM255-2

1/30/2006 10:50:04 AM L:\DESIGN\AD21\CFL Details Team\V8 Details\C25502.dgn