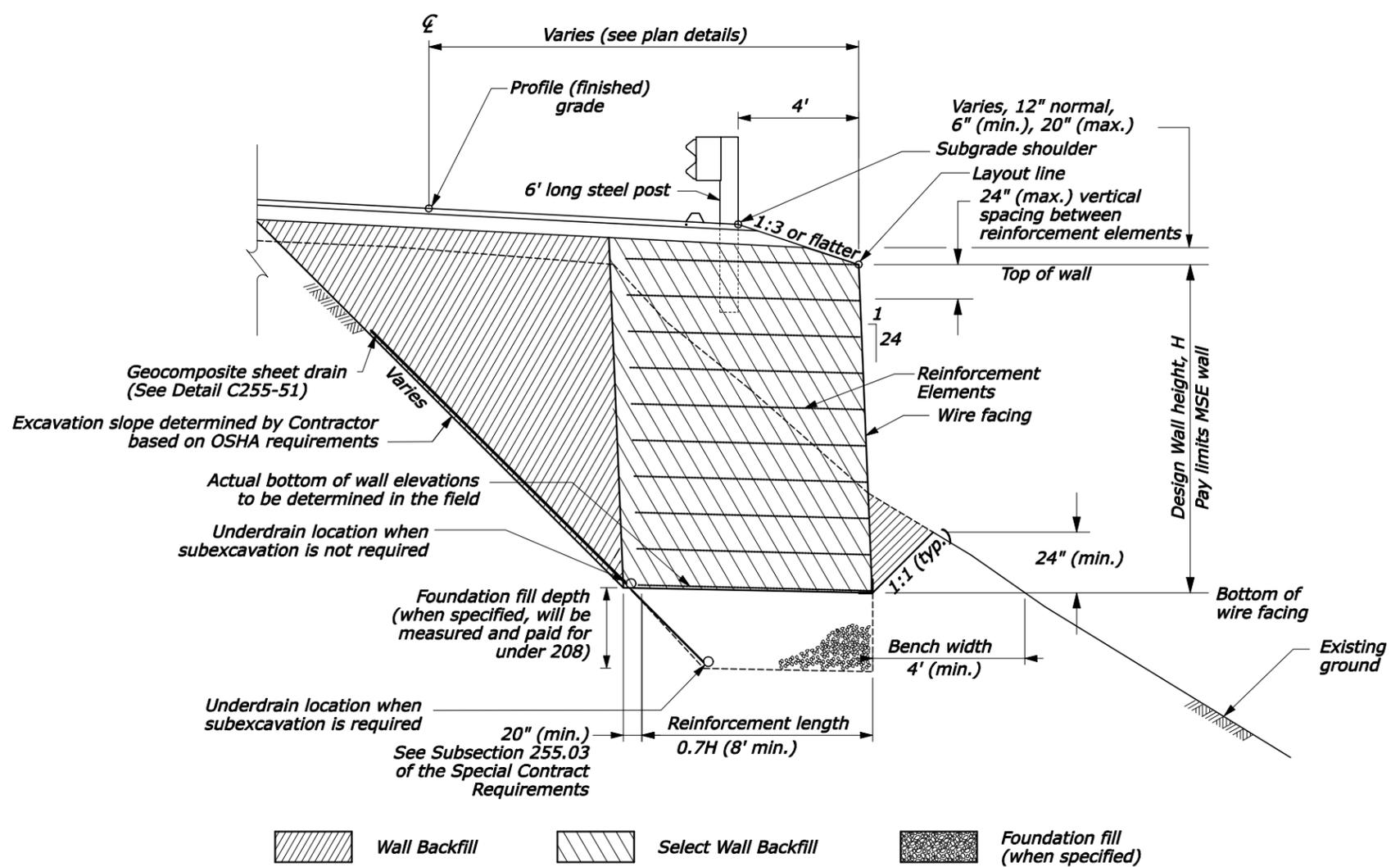


REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS

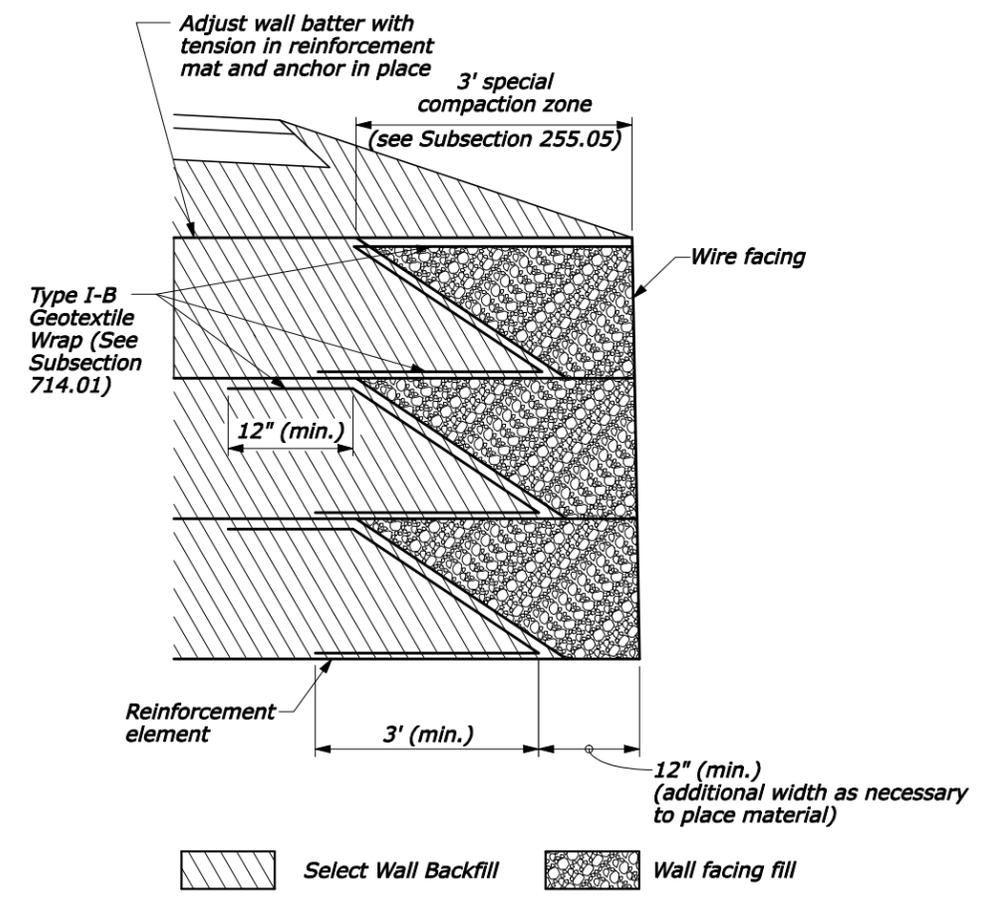


Wall Backfill
 Select Wall Backfill
 Foundation fill (when specified)

TYPICAL SECTION

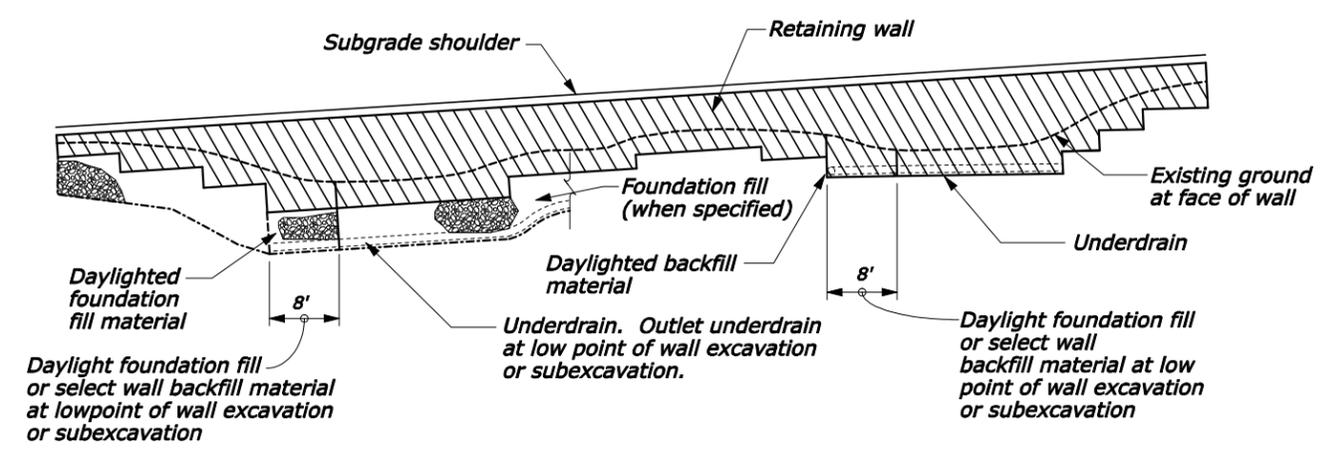
NOTE:

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 Subsection 104.03. See Subsection 255.03.
3. Design data:
 Unit weight of select wall backfill = 125 lb/ft³
 $\phi = 34^\circ$ for select wall backfill.
 Use the maximum cover dimension for all design calculations.
4. See Detail C255-51 for drainage details.
5. Place hardware cloth according to Subsection 255.04.
6. Terminate wire-face wall at the beginning and end of each lift with a return of the wall facing material (backing mat and hardware cloth) a minimum of 4' into the backfill. The returns are not measured for payment and are subsidiary to the MSE wall.



Select Wall Backfill
 Wall facing fill

MSE WALL FACING DETAIL



TYPICAL ELEVATION

NO SCALE

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

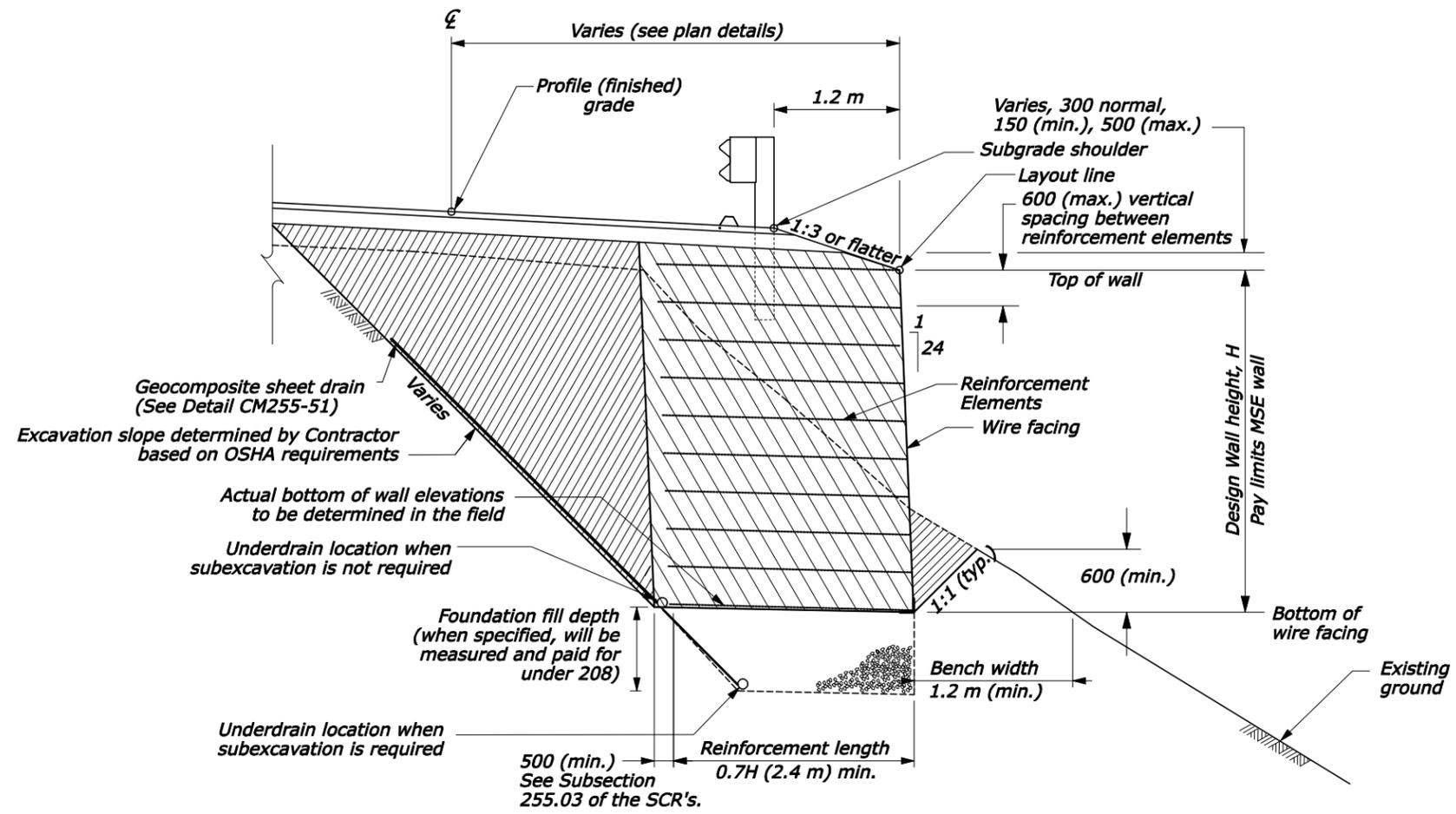
U.S. CUSTOMARY DETAIL
**MECHANICALLY STABILIZED
 EARTH WALL
 WELDED WIRE FACE**

DETAIL APPROVED FOR USE 07/2004
 REVISSED: 08/2006 03/2007 10/2011

DETAIL
C255-50

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 11/14/2011

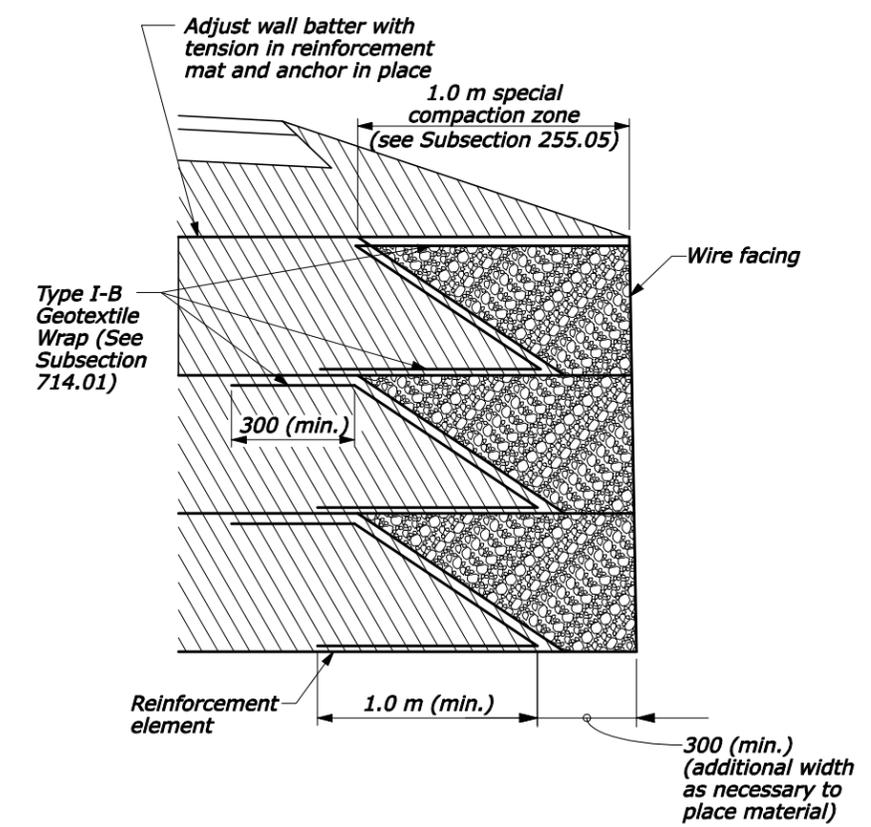
REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS



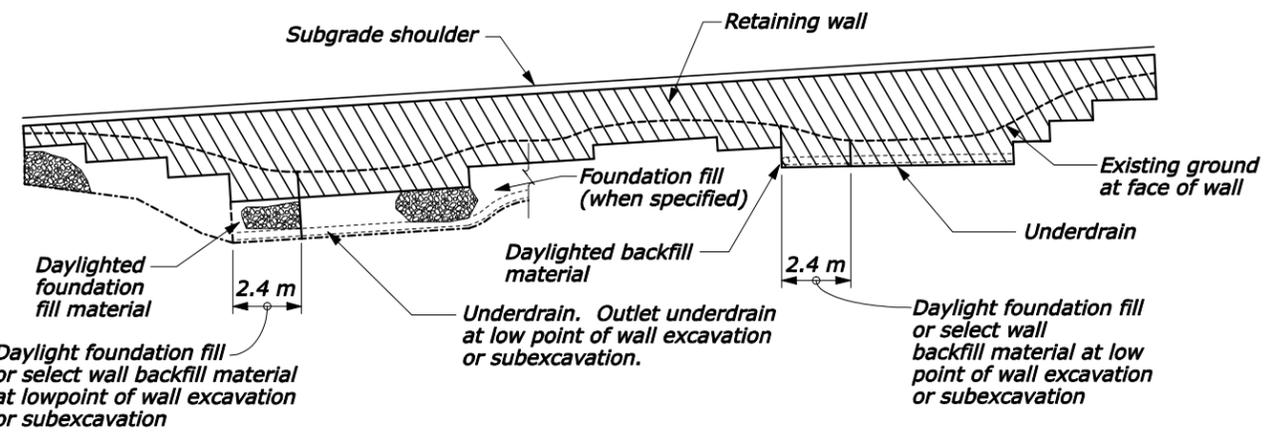
TYPICAL SECTION

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 Subsection 104.03. See Subsection 255.03.
3. Design data:
 Unit weight of select wall backfill = 19.6 kN/m³
 $\phi = 34^\circ$ for select wall backfill.
 Use the maximum cover dimension for all design calculations.
4. See Detail CM255-51 for drainage details.
5. Place hardware cloth according to Subsection 255.04.
6. Terminate wire-face wall at the beginning and end of each lift with a return of the wall facing material (backing mat and hardware cloth) a minimum of 1.2 meters into the backfill. The returns are not measured for payment and are subsidiary to the MSE wall.
7. Dimensions not labeled are in millimeters.



MSE WALL FACING DETAIL



TYPICAL ELEVATION

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
 REVISSED: 08/2006 03/2007 10/2011

DETAIL
CM255-50

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