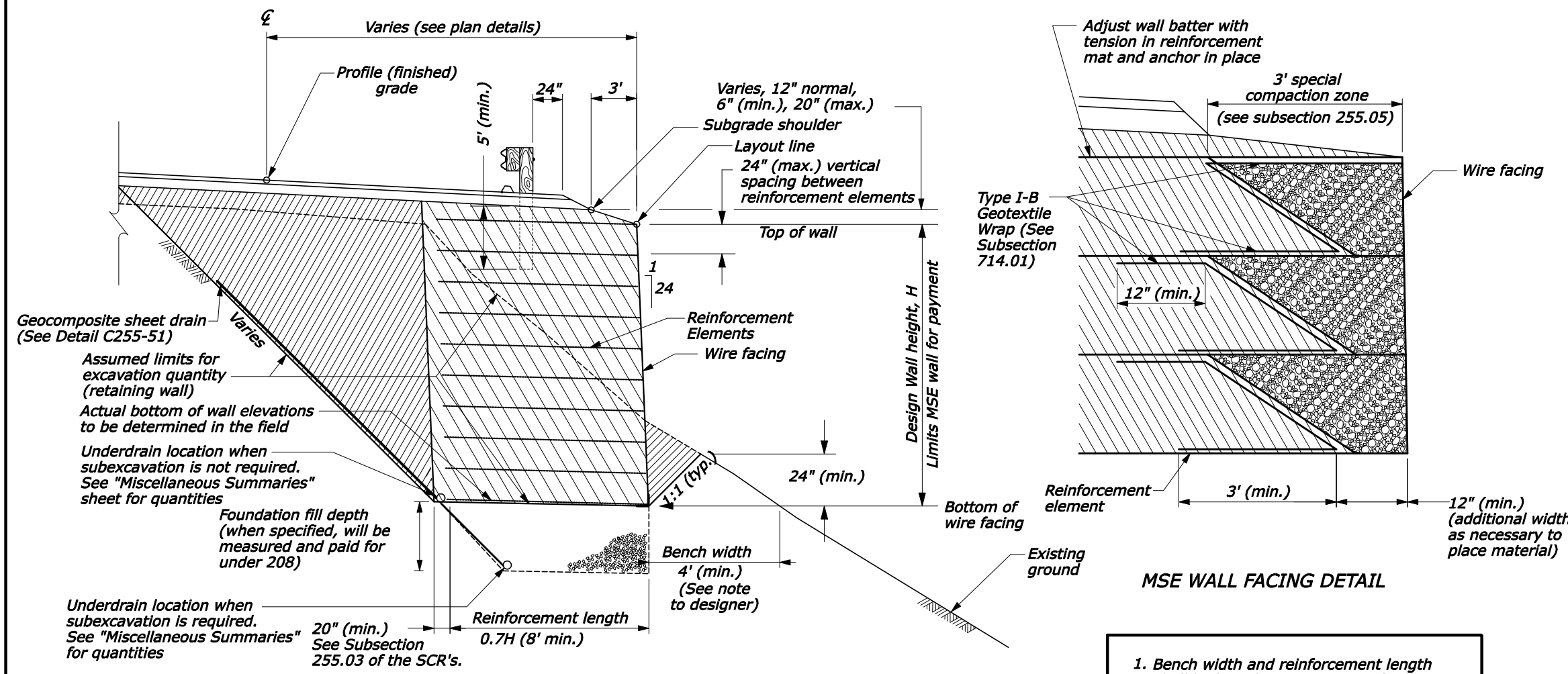


REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS



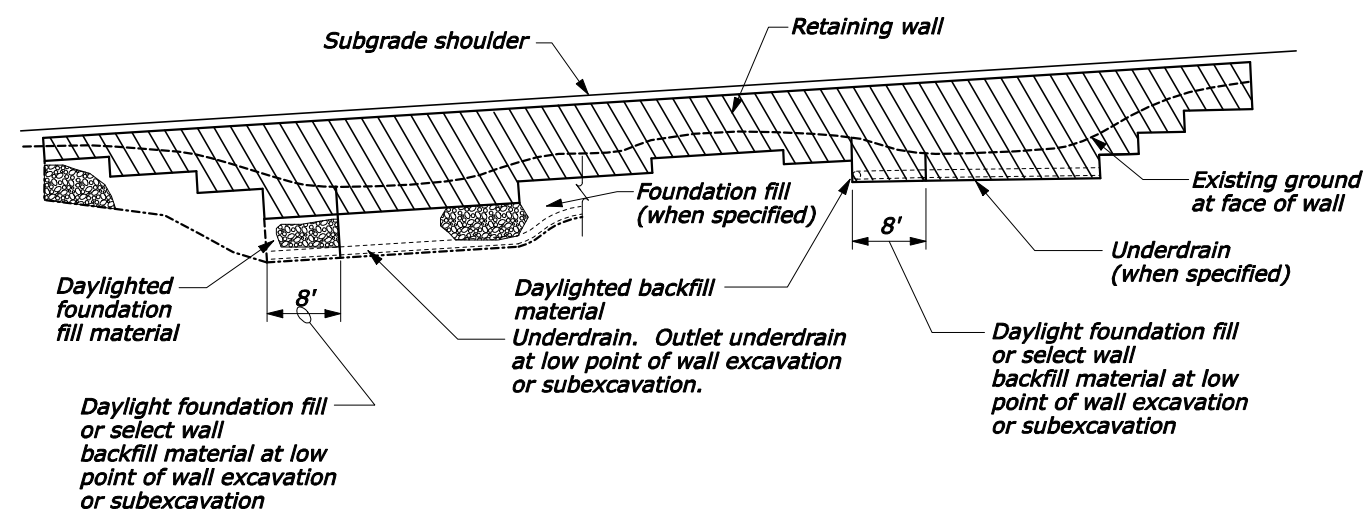
Geocomposite sheet drain (See Detail C255-51)
 Assumed limits for excavation quantity (retaining wall)
 Actual bottom of wall elevations to be determined in the field
 Underdrain location when subexcavation is not required. See "Miscellaneous Summaries" sheet for quantities
 Foundation fill depth (when specified, will be measured and paid for under 208)
 Underdrain location when subexcavation is required. See "Miscellaneous Summaries" for quantities

Designer Note - Won't Plot

- Bench width and reinforcement length shall be based on project specific criteria provided by the Geotechnical Engineer. (See Geotechnical Report)
- Add SCR for 8' guardrail posts at MSE Wall locations.

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

TYPICAL SECTION



TYPICAL ELEVATION

- NOTE:**
- Top of wall will be as shown on wall Layout Drawings. No steps will be allowed.
 - 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.
 - Furnish select wall backfill consisting of soil meeting the requirements of Subsection 704.13(a) of the Special Contract Requirement.
 - Furnish wall backfill consisting of backfill soil meeting the requirements of subsection 704.13(b) of the Special Contract Requirement.
 - Furnish wall facing fill conforming to the requirements of subsection 704.13(c) of the Special Contract Requirement.
 - Install guardrail posts per Subsection 617.03.
 - 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.
 - See Detail C255-51 for drainage details.
 - Place hardware cloth according to Subsection 255.04.
 - 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 4' into the backfill. The returns are not measured for payment and are subsidiary to the MSE wall.

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

REVISID: 08/2006 03/2007

DETAIL
C255-50

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