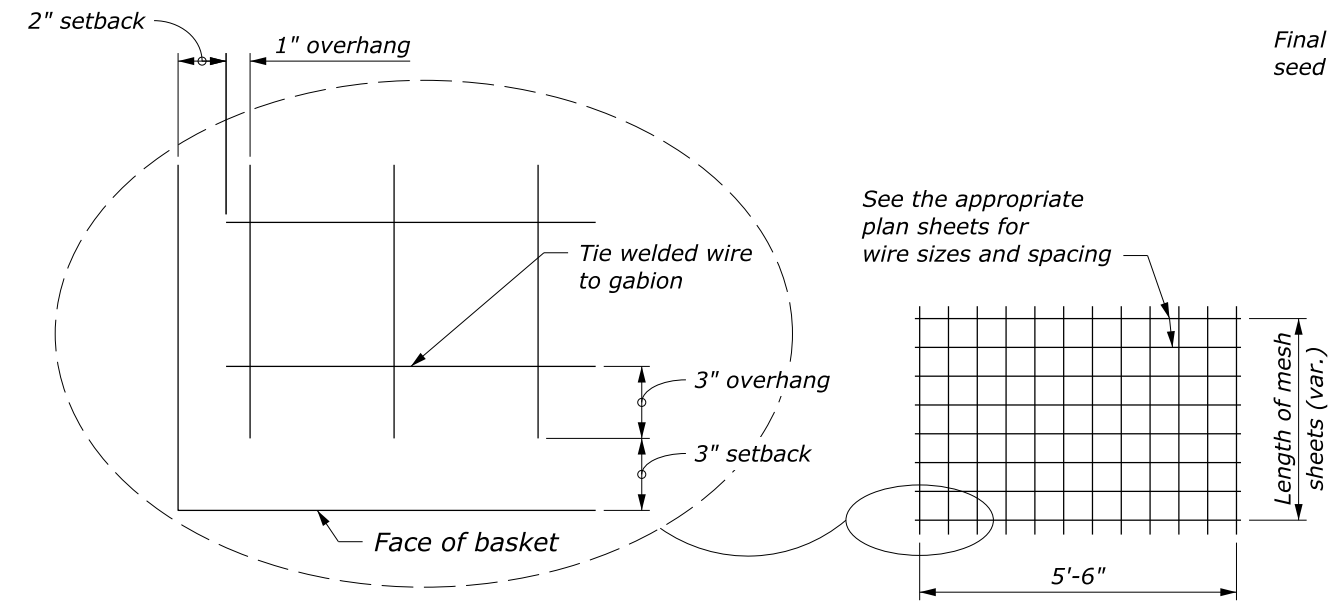
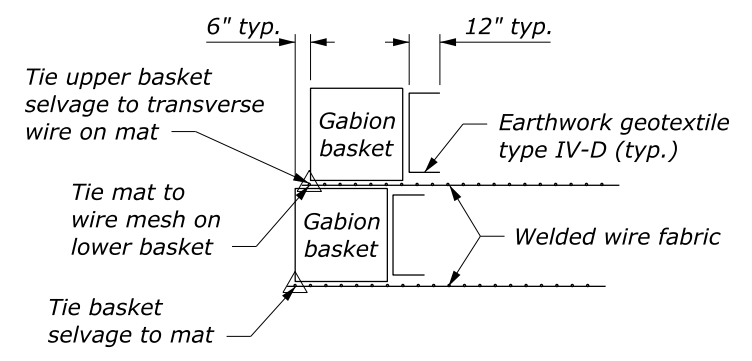


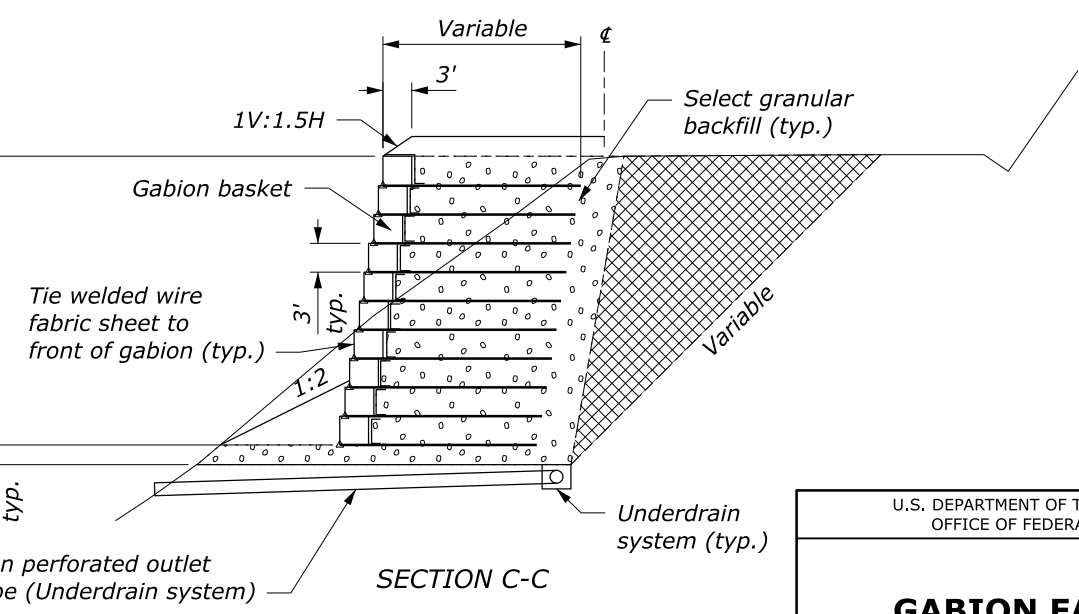
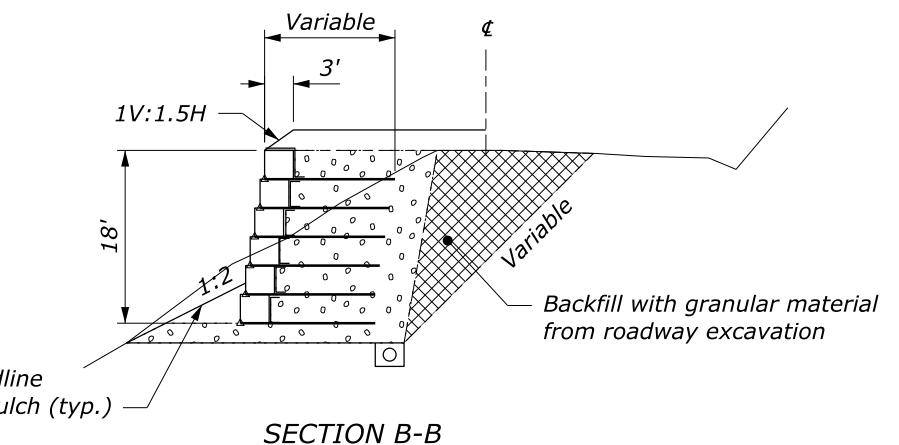
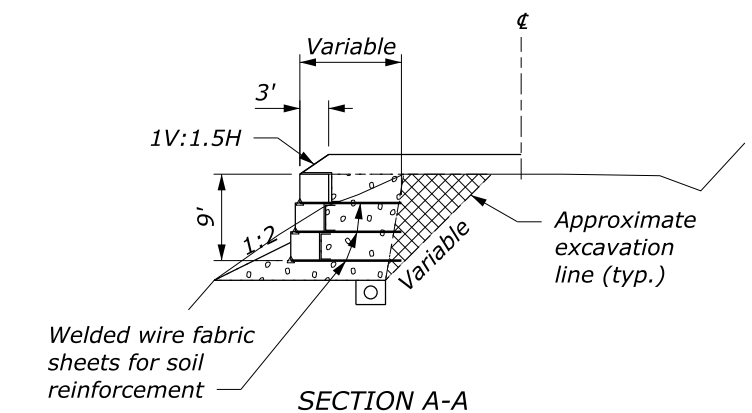
TYPICAL GABION WALL



WELDED WIRE FABRIC SHEETS FOR SOIL REINFORCEMENT



TYPICAL CONNECTION DETAIL



NO SCALE

NOTE:

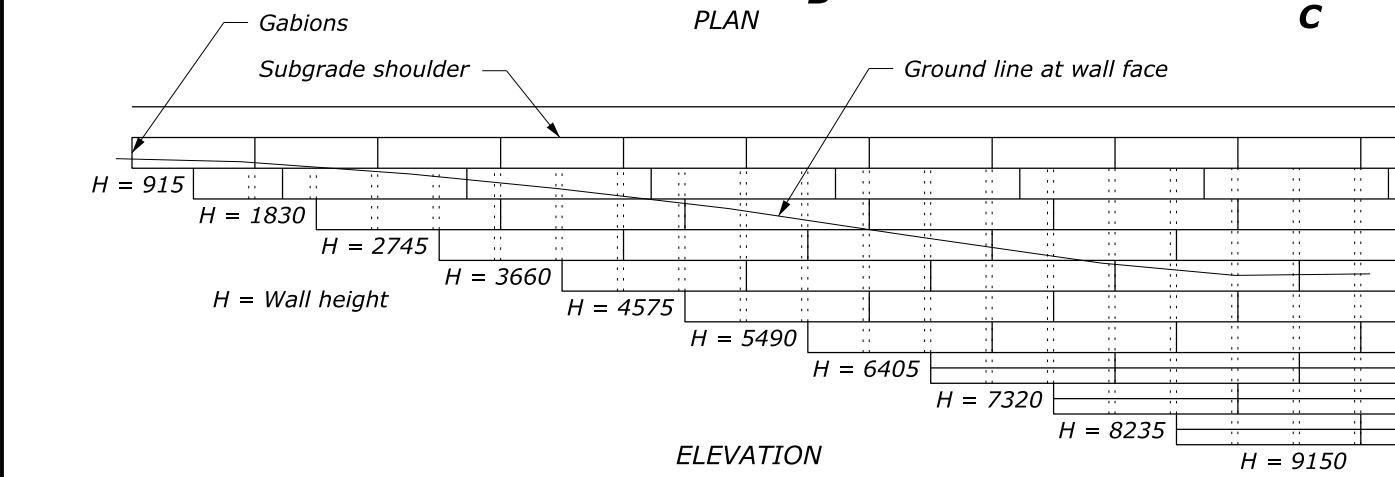
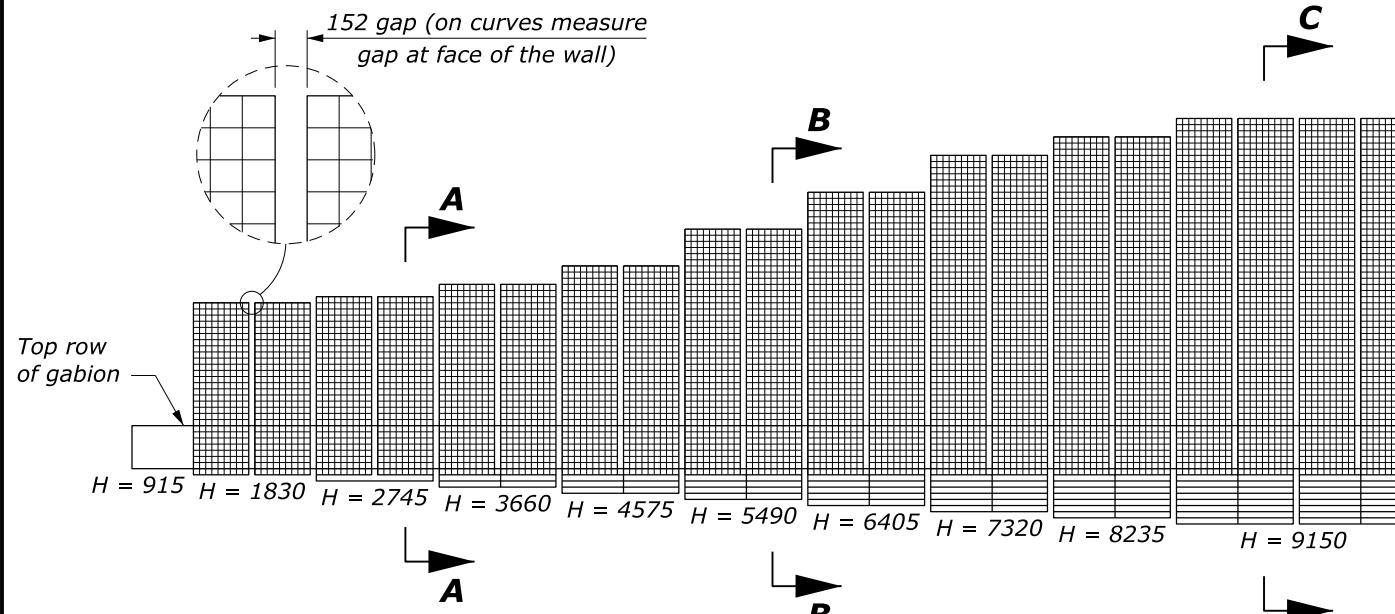
1. The welded wire fabric sheets vary in length within each wall. The height (H) of the vertical face of the wall determines the length of the welded wire fabric for the entire section. See other plan sheets for fabric lengths, wire sizes and spacing and number of mats. Where the wall construction requires the width of the welded wire fabric sheets to be less than 5.5 feet, the fabric wire may be field cut to fit. Cut fabric at center of mesh of welded wire fabric sheets.
2. Place layers of welded wire fabric sheets with 6 inch gaps between sheets. The 6 inch gaps are measure at the face of the wall. Connect the welded wire fabric sheets with spiral binders or tie wire to the front edge of each gabion basket.
3. The heights and quantities are subject to field adjustment. Any increase in wall heights over those shown on the plans require investigation to determine that the safe bearing pressure is not exceeded.
4. Average design assumption values. See the Geotechnical Report, if available, for site specific values.
Unit weight of backfill material 125 pcf
Unit weight of filled gabions 105 pcf
Ø angle = 35° for backfill material

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OFFICE OF FEDERAL LANDS HIGHWAY

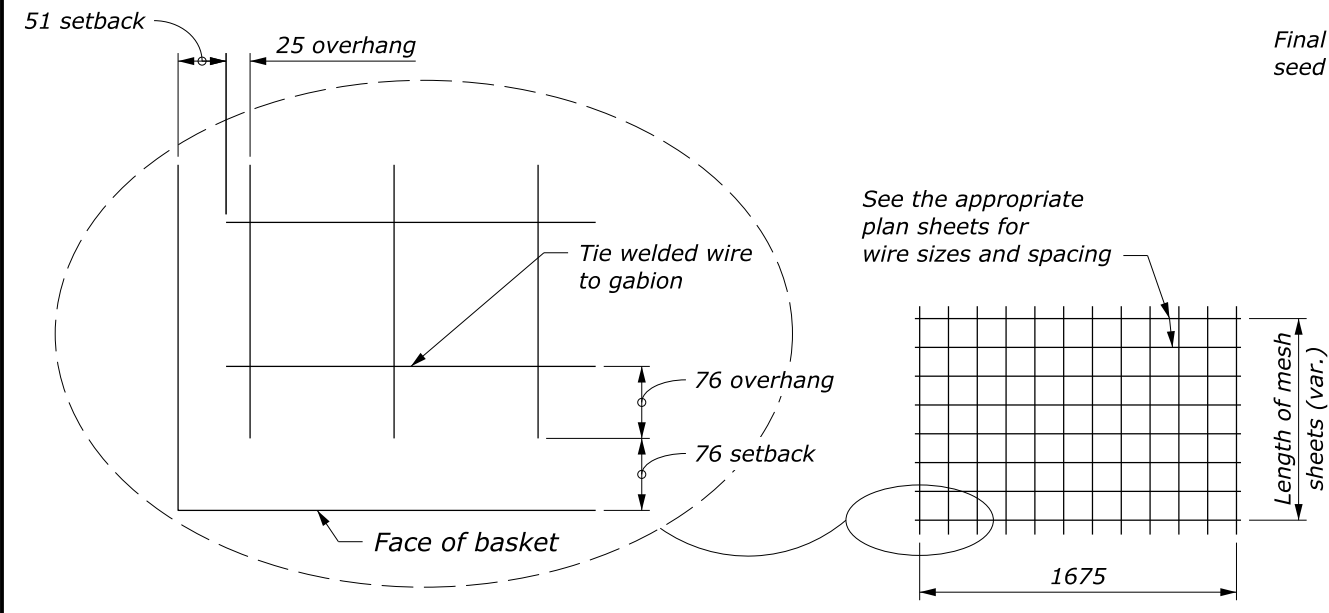
WFL STANDARD
W253-3

GABION FACED WALL

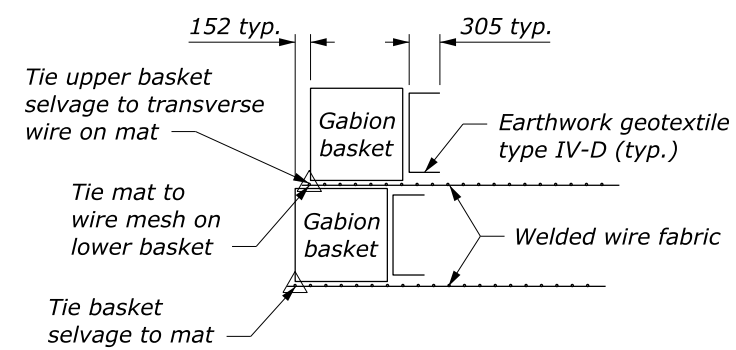
SPECIFICATION
FP-24, FP-14
APPROVED FOR USE
9/2011



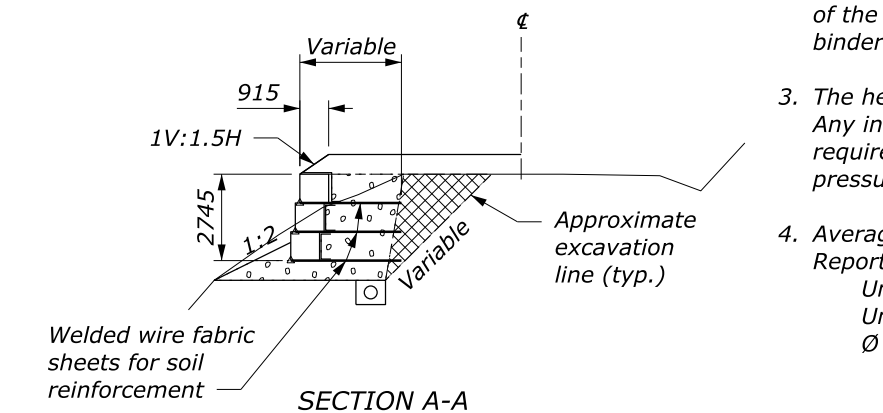
TYPICAL GABION WALL



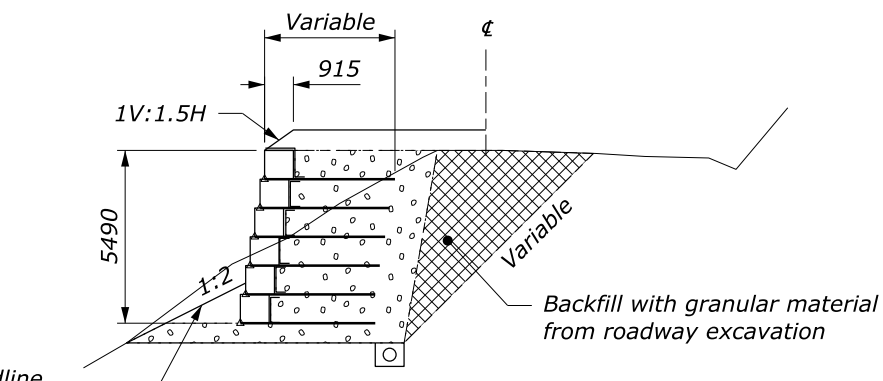
WELDED WIRE FABRIC SHEETS FOR SOIL REINFORCEMENT



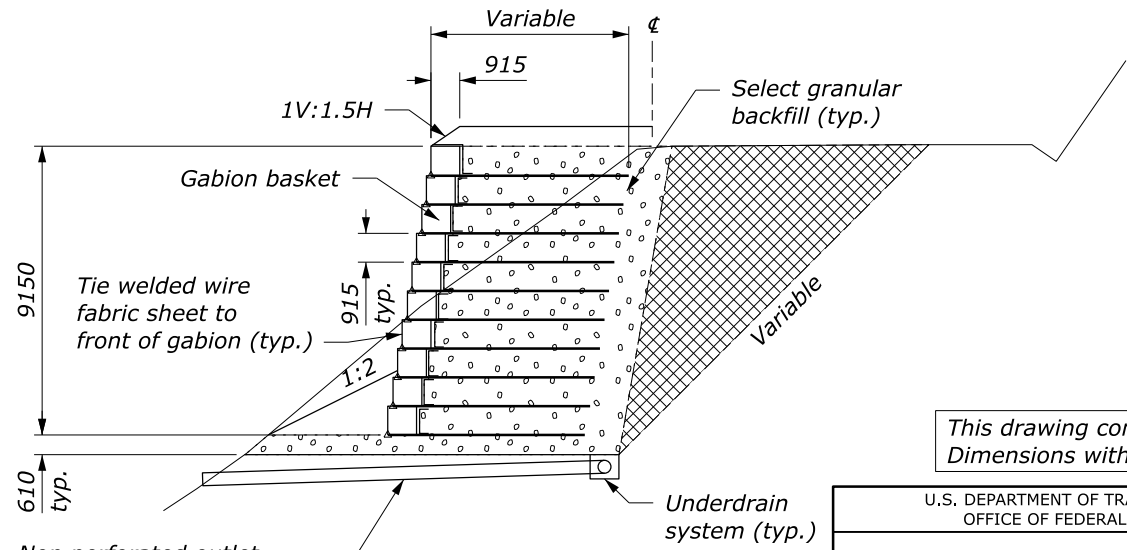
TYPICAL CONNECTION DETAIL



SECTION A-A



SECTION B-B



SECTION C-C

Non perforated outlet pipe (Underdrain system)

NOTE:

1. The welded wire fabric sheets vary in length within each wall. The height (H) of the vertical face of the wall determines the length of the welded wire fabric for the entire section. See other plan sheets for fabric lengths, wire sizes and spacing and number of mats. Where the wall construction requires the width of the welded wire fabric sheets to be less than 1650 mm, the fabric wire may be field cut to fit. Cut fabric at center of mesh of welded wire fabric sheets.
2. Place layers of welded wire fabric sheets with 150 mm gaps between sheets. The 150 mm gaps are measure at the face of the wall. Connect the welded wire fabric sheets with spiral binders or tie wire to the front edge of each gabion basket.
3. The heights and quantities are subject to field adjustment. Any increase in wall heights over those shown on the plans require investigation to determine that the safe bearing pressure is not exceeded.
4. Average design assumption values. See the Geotechnical Report, if available, for site specific values.
Unit weight of backfill material 20.8 kN/m³
Unit weight of filled gabions 17.6 kN/m³
Ø angle = 35° for backfill material

This drawing contains **Metric** units of measure. Dimensions without units are millimeters.

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	WFLHD DETAIL WM253-3
GABION FACED WALL	
SPECIFICATION FP-24, FP-14	
APPROVED FOR USE 9/2011	

NO SCALE