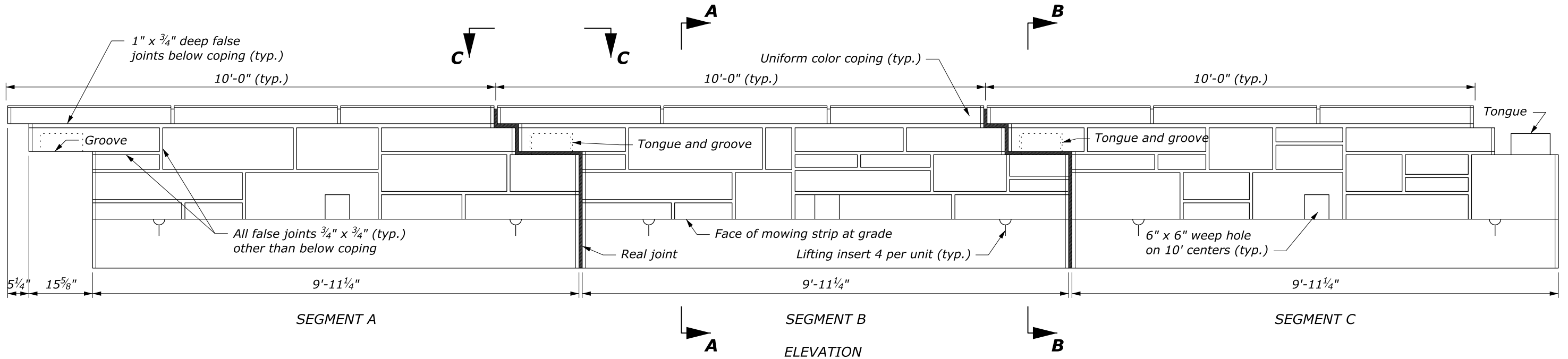
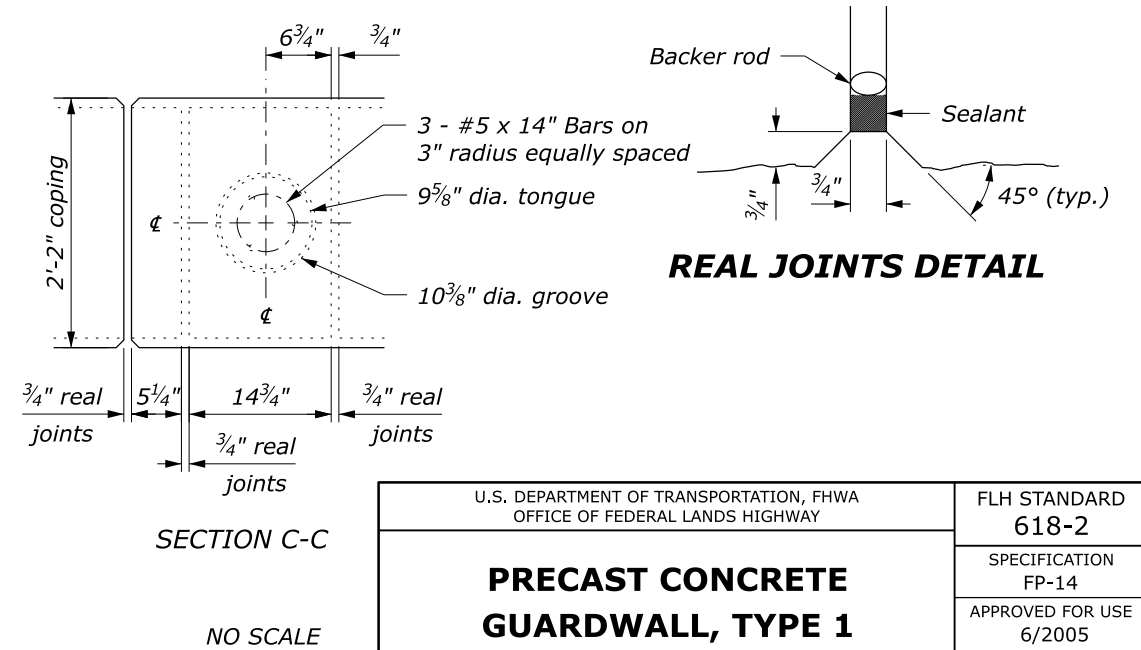
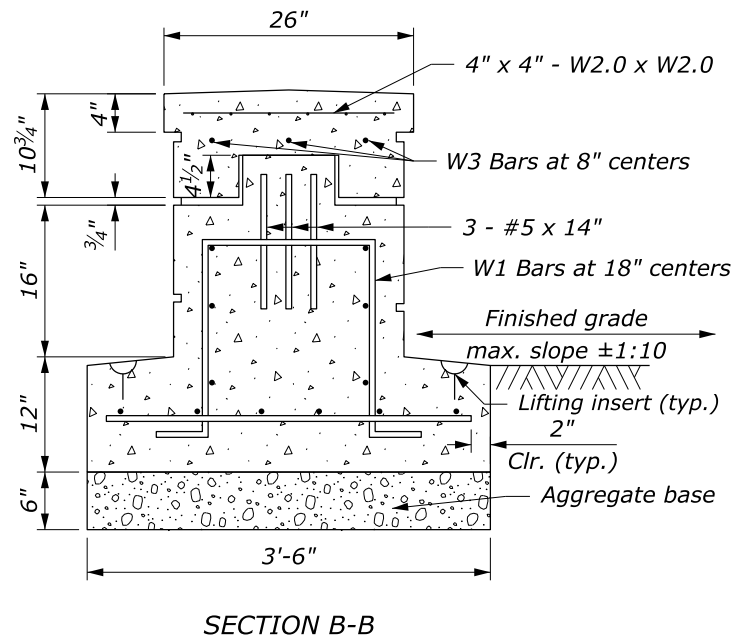
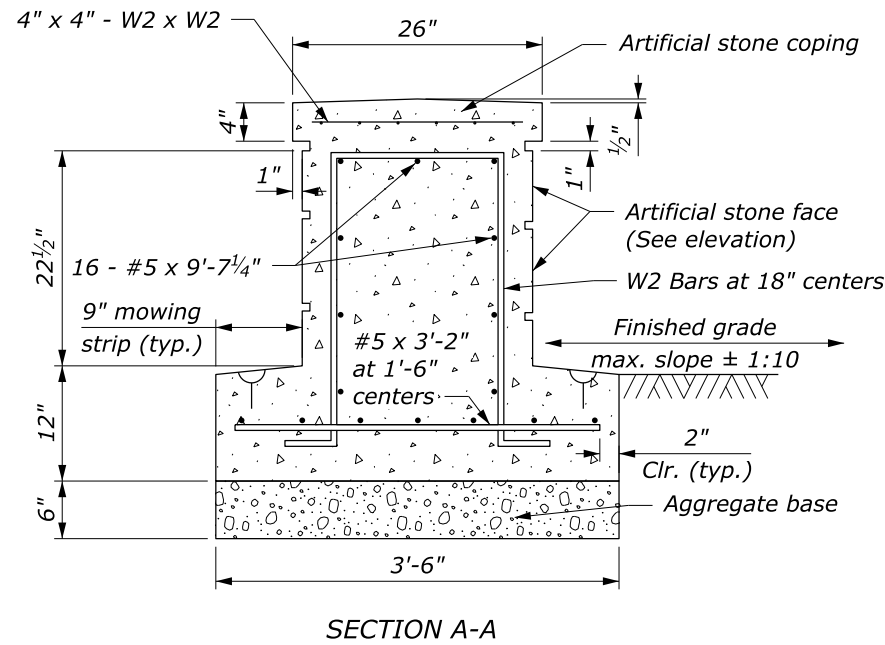


- NOTE:**
- Each unit consists of three segments each of which have a different random masonry pattern as shown. All three segments are to interlock with each other to vary the order.*
 - Sealant for the real joint covers the perimeter joint of the capstone, sides, and top and sides of the footing.*
 - Precast the entire wall section; no cast-in-place is allowed.*
 - Minimum concrete cover 2" unless shown otherwise.*

BENDING DIAGRAMS



PRECAST CONCRETE GUARDWALL

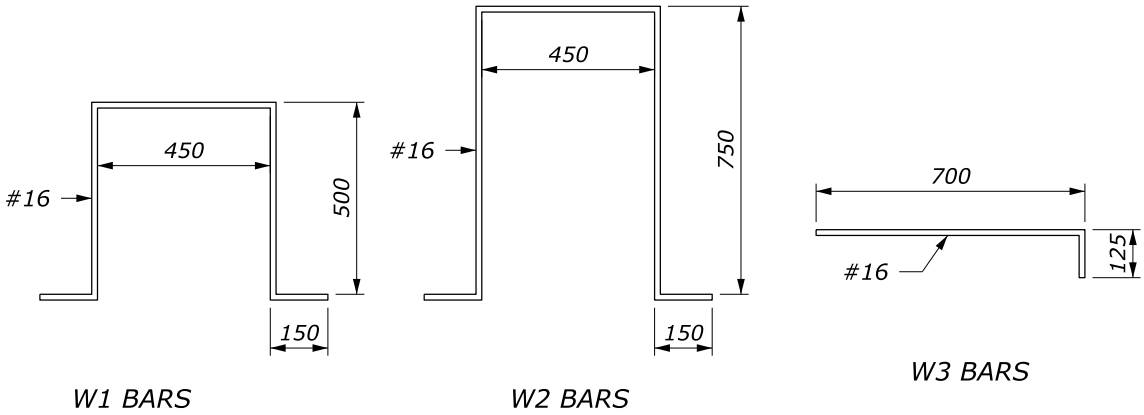


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PRECAST CONCRETE GUARDWALL, TYPE 1	SPECIFICATION FP-14
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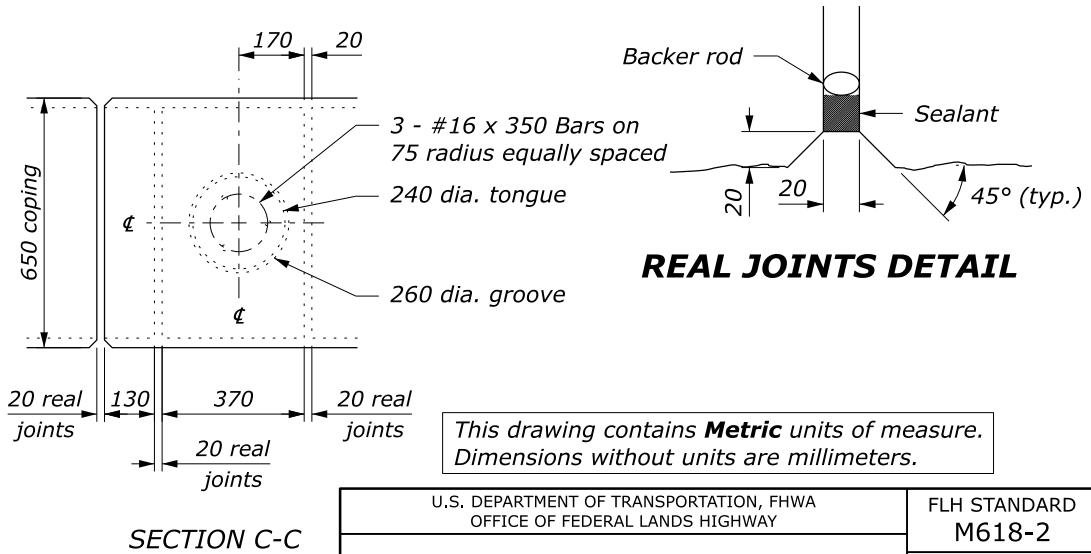
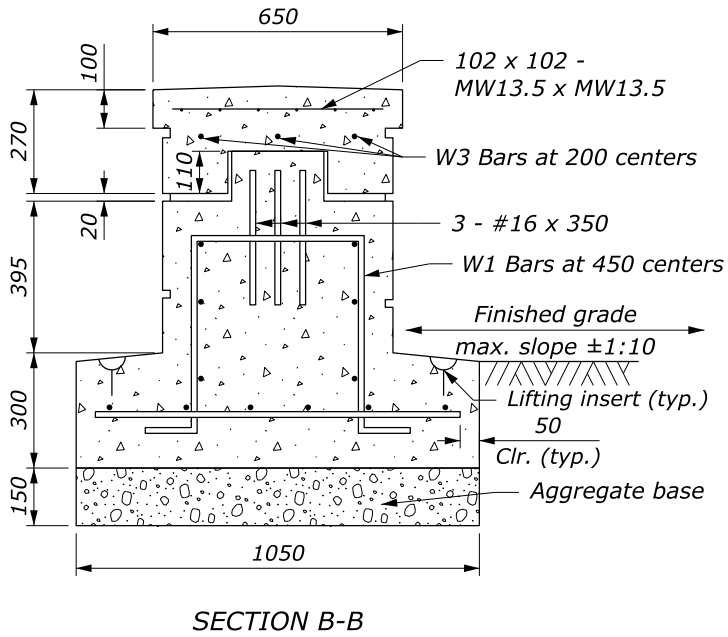
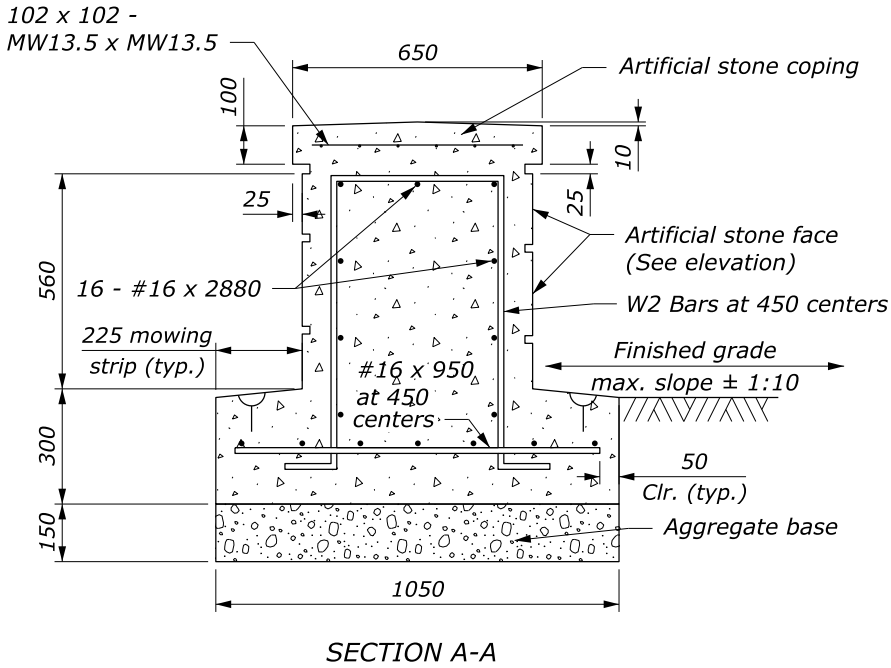
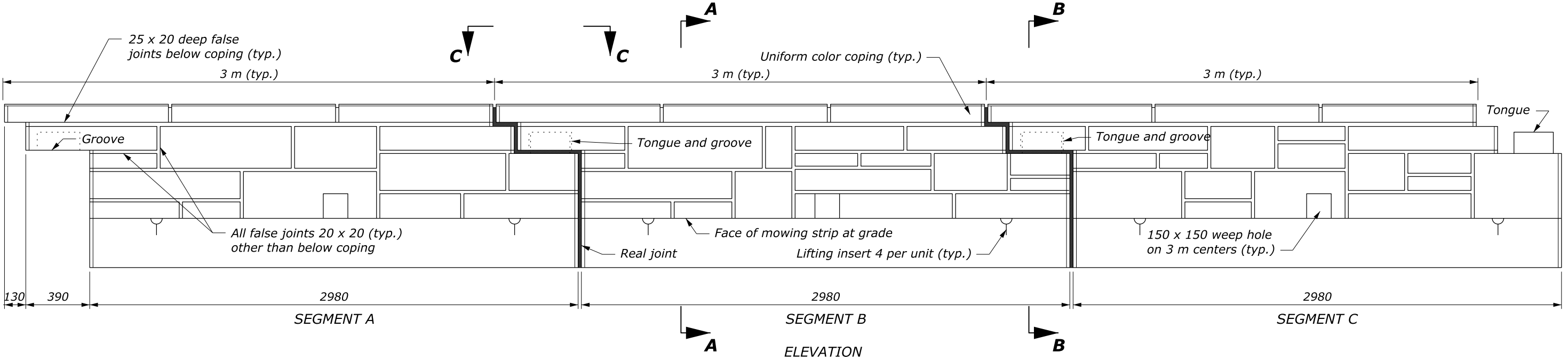
NOTE:

1. Each unit consists of three segments each of which have a different random masonry pattern as shown. All three segments are to interlock with each other to vary the order.
2. Sealant for the real joint covers the perimeter joint of the capstone, sides, and top and sides of the footing.
3. Precast the entire wall section; no cast-in-place is allowed.
4. Minimum concrete cover 50 mm unless shown otherwise.

GUARDWALL FLARE RATE TABLE			
Design Speed (km/h)	Shy Line Offset (mm)	Flare Rate (a:b)	
		Inside Shy Line	Outside Shy Line
100	2.4	26:1	14:1
80	2.0	21:1	11:1
60	1.4	16:1	8:1
50 or less	1.0	13:1	7:1



BENDING DIAGRAMS



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

U.S. DEPARTMENT OF TRANSPORTATION, FHWA
OFFICE OF FEDERAL LANDS HIGHWAY

**PRECAST CONCRETE
GUARDWALL, TYPE 1**

FLH STANDARD
M618-2

SPECIFICATION
FP-14

APPROVED FOR USE
6/2005