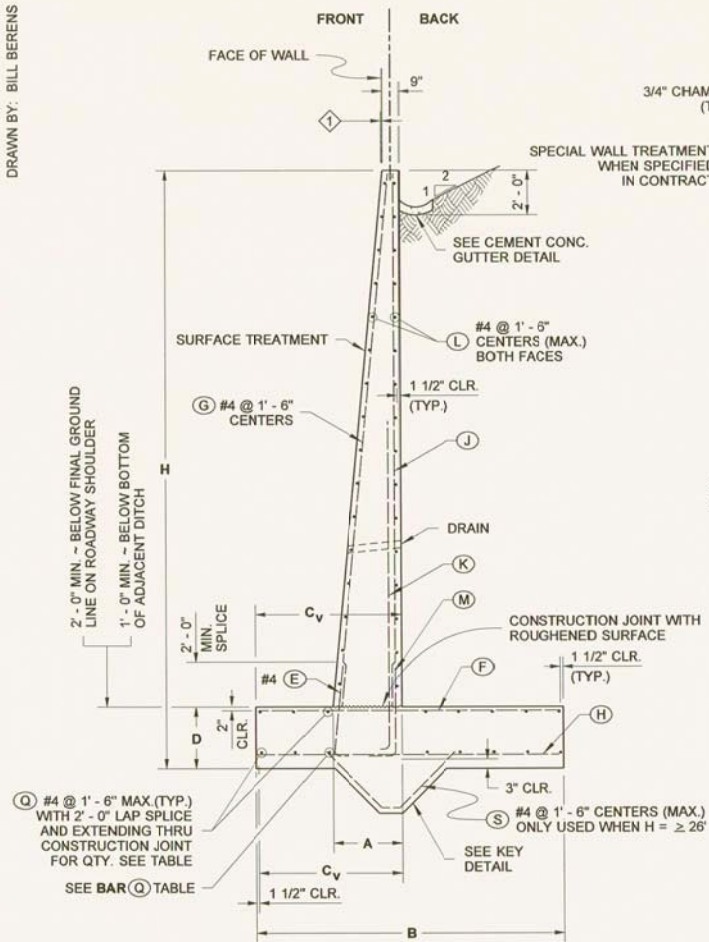
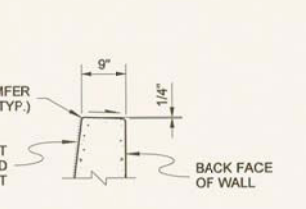


DRAWN BY: BILL BERENS

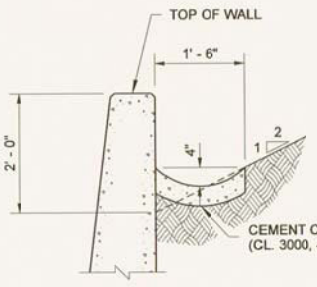


BAR Q #4		
LOCATION	WALL HEIGHT (H)	QTY.
TOP OF FOOTING	≤ 14'	4
	15' ≤ 20'	6
	21' ≤ 24'	7
	25' ≤ 29'	9
	30' ≤ 35'	11
BOTTOM OF FOOTING	≤ 14'	4
	15' ≤ 20'	6
	21' ≤ 24'	7
	25' ≤ 29'	9
	30' ≤ 35'	11

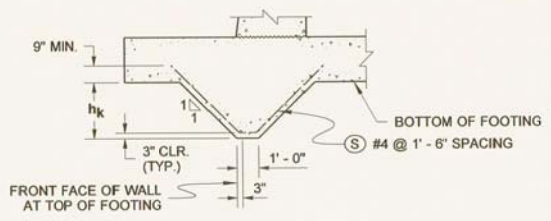
① OFFSET ~ SET TOP OF WALL BACK:
 $H \leq 20'$ OFFSET = 1/2"
 $H \geq 20'$ OFFSET (inches) = $\frac{H(ft)}{8} - 2$



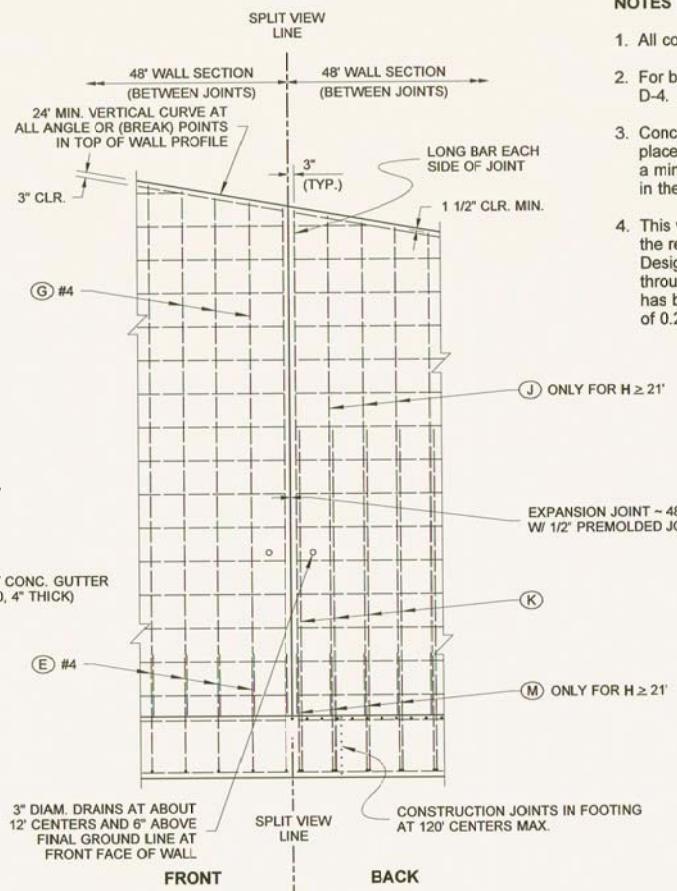
WALL TOP DETAIL



CEMENT CONC. GUTTER DETAIL



KEY DETAIL
 REQUIRED ON WALLS WHERE $H \geq 26'$



SPLIT ELEVATION VIEW
 (SHOWING SEPARATE REBAR LAYERS)

NOTES

1. All concrete shall be Class 4000, except as noted.
2. For backfill requirements, see Standard Plan D-4.
3. Concrete in the 48 foot wall sections shall be placed separately between expansion joints with a minimum 24 hour period before placing concrete in the adjacent section.
4. This wall has been designed in accordance with the requirements of the AASHTO LRFD Bridge Design Specifications 4th Edition 2007 and interims through 2008. The seismic design of these walls has been completed using an effective PGA of 0.20 g.

SLOPING FACE WALL DESIGN WITH 2:1 BACKSLOPE



EXPIRES AUGUST 23, 2008

REINFORCED CONCRETE RETAINING WALL TYPE 6
STANDARD PLAN D-10.35-00

SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER _____ DATE _____
 Washington State Department of Transportation

