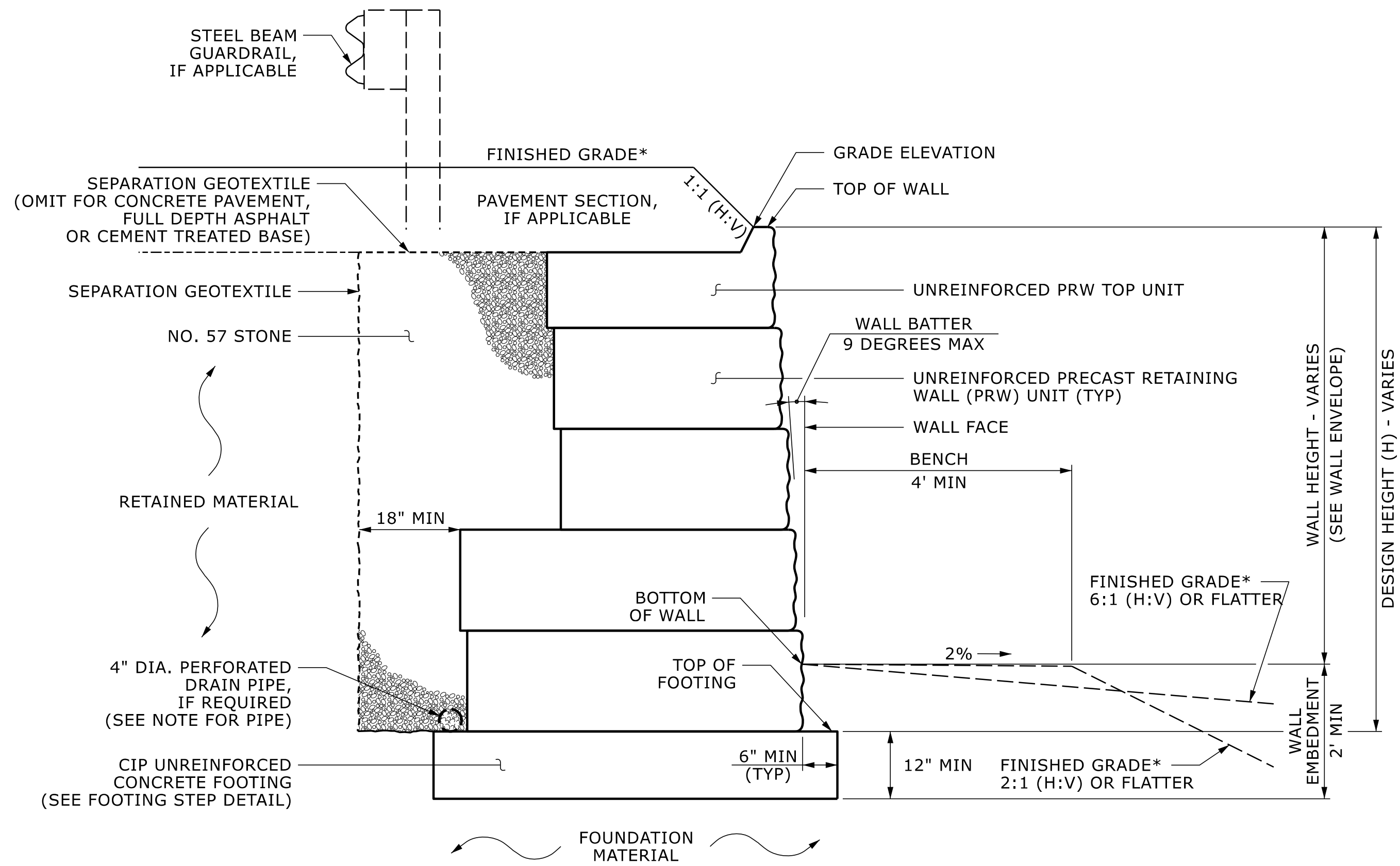




PRECAST GRAVITY WALL WITH TOP PRW UNIT - TYPICAL SECTION

*SEE ROADWAY PLANS FOR FINISHED GRADE DETAILS.

NOTES:

FOR PRECAST GRAVITY RETAINING WALLS, SEE SECTION 455 OF THE STANDARD SPECIFICATIONS.

USE PRW UNITS WITH A SCULPTED SHOTCRETE FACE FOR RETAINING WALL NO. 7.

A DRAIN PIPE IS REQUIRED FOR RETAINING WALL NO. 7.

BEFORE BEGINNING PRECAST GRAVITY WALL DESIGN FOR RETAINING WALL NO. 7, SURVEY WALL LOCATION AND SUBMIT A REVISED WALL PROFILE VIEW (WALL ENVELOPE) FOR REVIEW. DO NOT START WALL DESIGN OR CONSTRUCTION UNTIL THE REVISED WALL ENVELOPE IS ACCEPTED.

DESIGN RETAINING WALL NO. 7 FOR DESIGN HEIGHTS EQUAL TO THE WALL HEIGHT PLUS DEPTH TO TOP OF FOOTING (DIFFERENCE BETWEEN GRADE ELEVATION AND TOP OF FOOTING ELEVATION).

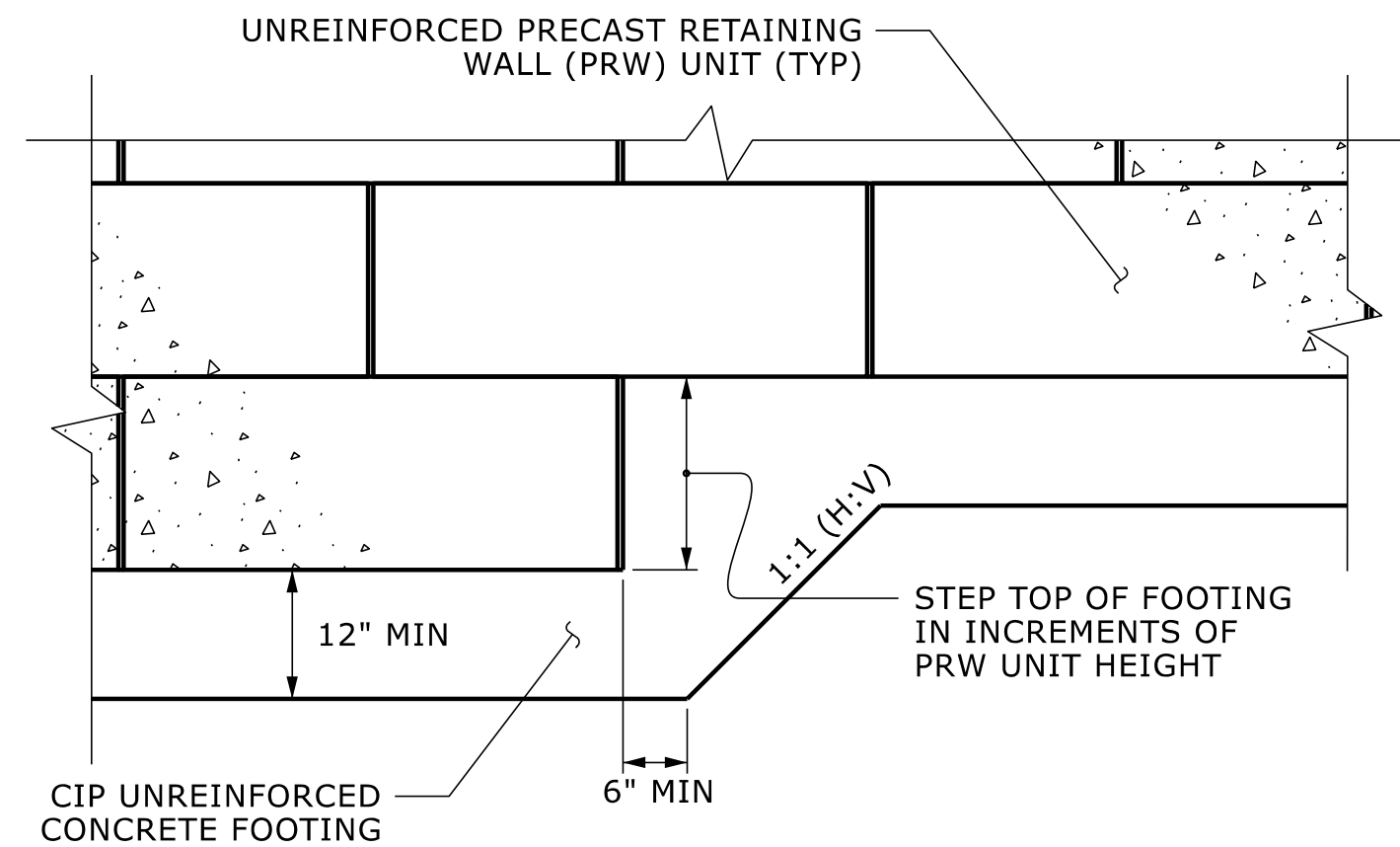
DESIGN RETAINING WALL NO. 7 FOR THE FOLLOWING:

- 1) MAXIMUM FACTORED VERTICAL PRESSURE ON FOUNDATION MATERIAL = 2,000 PSF
- 2) MINIMUM WALL EMBEDMENT ELEVATION = 2 FT
- 3) IN-SITU ASSUMED MATERIAL PARAMETERS:

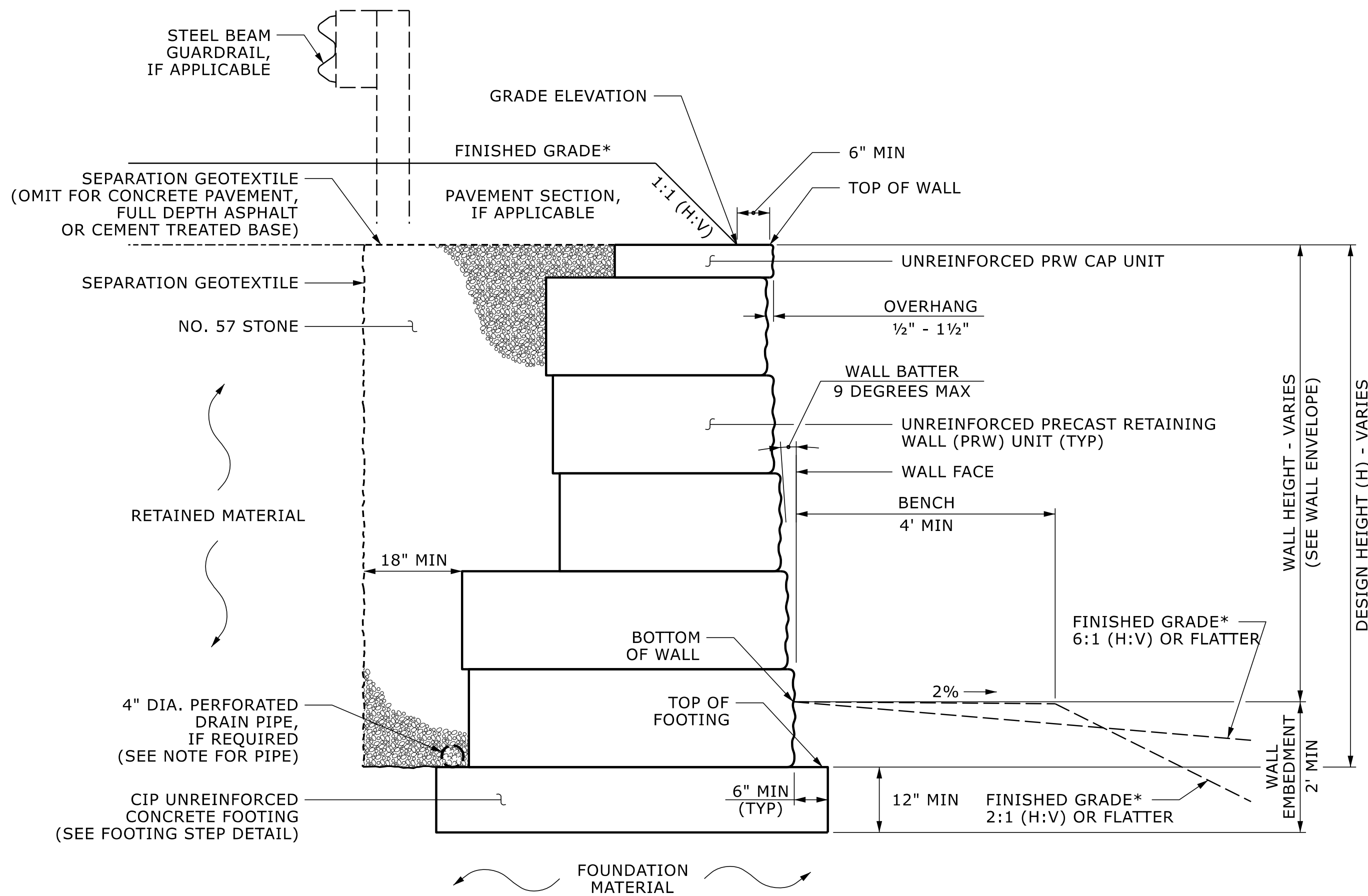
MATERIAL TYPE	UNIT WEIGHT (γ) PCF	FRICTION ANGLE (ϕ) DEGREES	COHESION (c) PSF
RETAINED	120	30	0
FOUNDATION	120	28	0

DESIGN RETAINING WALL NO. 7 FOR A LIVE LOAD (TRAFFIC) SURCHARGE.

DO NOT PLACE CONCRETE FOR FOOTINGS FOR RETAINING WALL NO. 7 UNTIL EXCAVATION DIMENSIONS AND FOUNDATION MATERIAL ARE APPROVED.



FOOTING STEP DETAIL



PRECAST GRAVITY WALL WITH CAP PRW UNIT TYPICAL SECTION

*SEE ROADWAY PLANS FOR FINISHED GRADE DETAILS.

PROJECT NO. **R-5600**

JACKSON COUNTY

STATION: **10+00.00 -WALL 7-**

PRECAST GRAVITY WALL DETAILS AND NOTES WALL 7

REVISIONS						SHEET NO. W-37
NO.	BY:	DATE:	NO.	BY:	DATE:	
1	--	--	3	--	--	TOTAL SHEETS
2	--	--	4	--	--	46



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

DES BY: <u>P. ZHANG</u>	DATE : <u>02/25</u>	DWG BY: <u>B. PETERSON</u>	DATE : <u>01/25</u>
DES CHK: <u>K. BUSSEY</u>	DATE : <u>03/25</u>	CHK BY: <u>P. ZHANG</u>	DATE : <u>02/25</u>