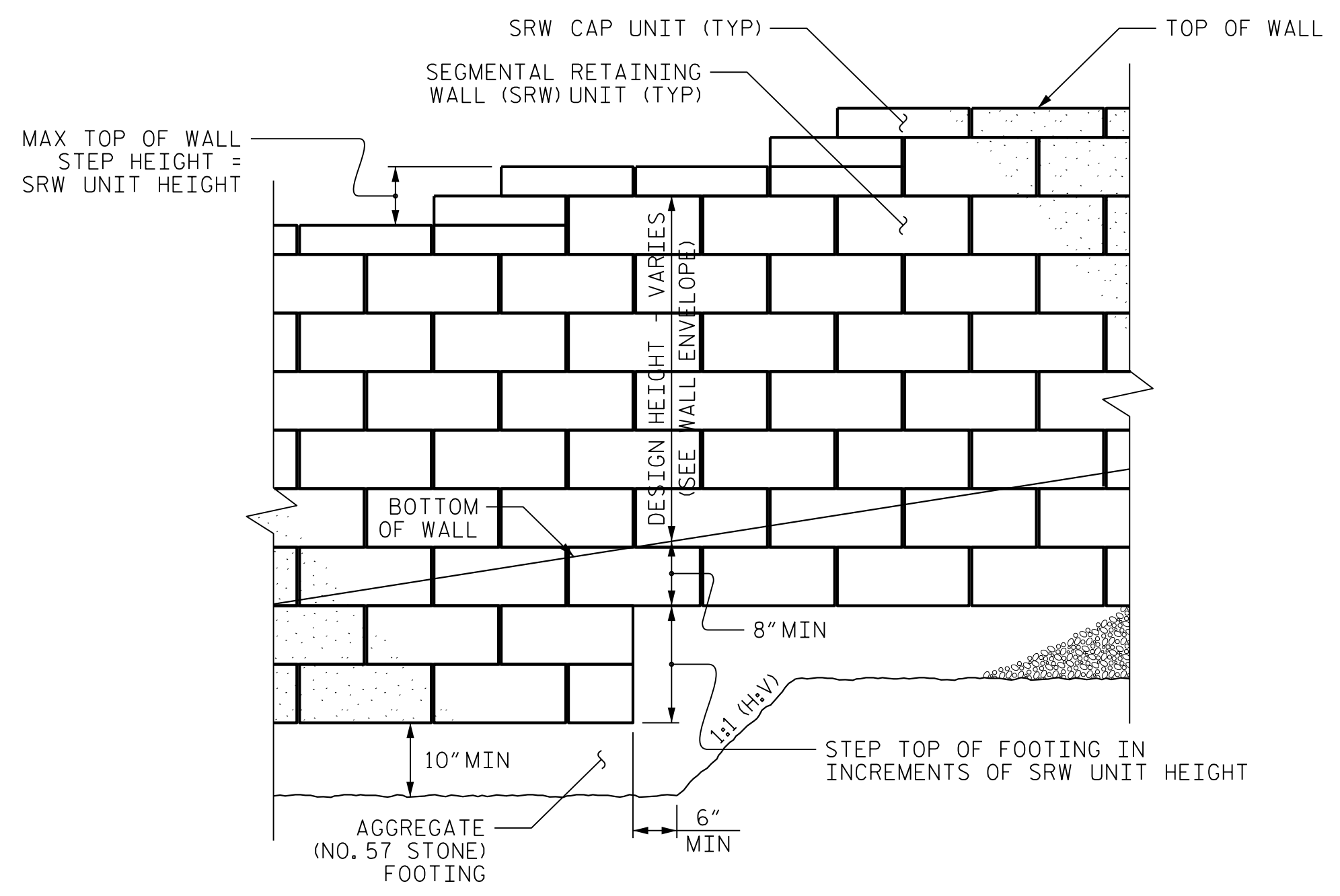


**SEGMENTAL GRAVITY WALL - TYPICAL SECTION**

\*SEE ROADWAY PLANS FOR FINISHED GRADE DETAILS.



**SEGMENTAL GRAVITY WALL - TYPICAL ELEVATION**

**NOTES:**

FOR SEGMENTAL GRAVITY RETAINING WALLS, SEE SEGMENTAL GRAVITY RETAINING WALLS PROVISION.

USE SRW UNITS WITH THE COLOR MATCHING THE EXISTING GRANITE WALLS IN THE VETERAN'S PARK IN CUMBERLAND COUNTY.

A DRAIN PIPE IS REQUIRED FOR RETAINING WALL NO.1.

BEFORE BEGINNING SEGMENTAL GRAVITY WALL DESIGN FOR RETAINING WALL NO.1, 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.1 FOR WALL HEIGHTS EQUAL TO THE DESIGN HEIGHT PLUS DEPTH TO TOP OF FOOTING (DIFFERENCE BETWEEN GRADE ELEVATION AND TOP OF FOOTING ELEVATION).

DESIGN RETAINING WALL NO.1 FOR THE FOLLOWING:  
 1) MAXIMUM FACTORED VERTICAL PRESSURE ON FOUNDATION MATERIAL = 1,860 LB/SF  
 2) IN-SITU ASSUMED MATERIAL PARAMETERS:

MATERIAL TYPE	UNIT WEIGHT (γ) LB/CF	FRICTION ANGLE (φ) DEGREES	COHESION (c) LB/SF
BACKFILL	120	30	0
FOUNDATION	120	30	0

DO NOT PLACE NO.57 STONE FOR FOOTINGS FOR RETAINING WALL NO.1 UNTIL EXCAVATION DIMENSIONS AND FOUNDATION MATERIAL ARE APPROVED.

PROJECT NO.: B-4490 (33727.1.1)  
 CUMBERLAND COUNTY  
 STATION: 13+41.00 -L-  
 SHEET 2 OF 11