Cable railing (B11-47)

Gutter (B3-9)

FG

2 : 1

RW LOL

Provide Smooth finish at top and ends of wall

1'-0"

1'-4" Min

Gutter elev or toe of slope intersection

See "Detail 1"

River Stone finish, see "River Stone Form Liner Details" below

H

1'-0"

FG

F

8" for H ≤ 10'
1'-0" for H ≥ 12'

W/4 For H ≤ 10'
W/3 For H ≥ 12'

₵ Key

B   C

W

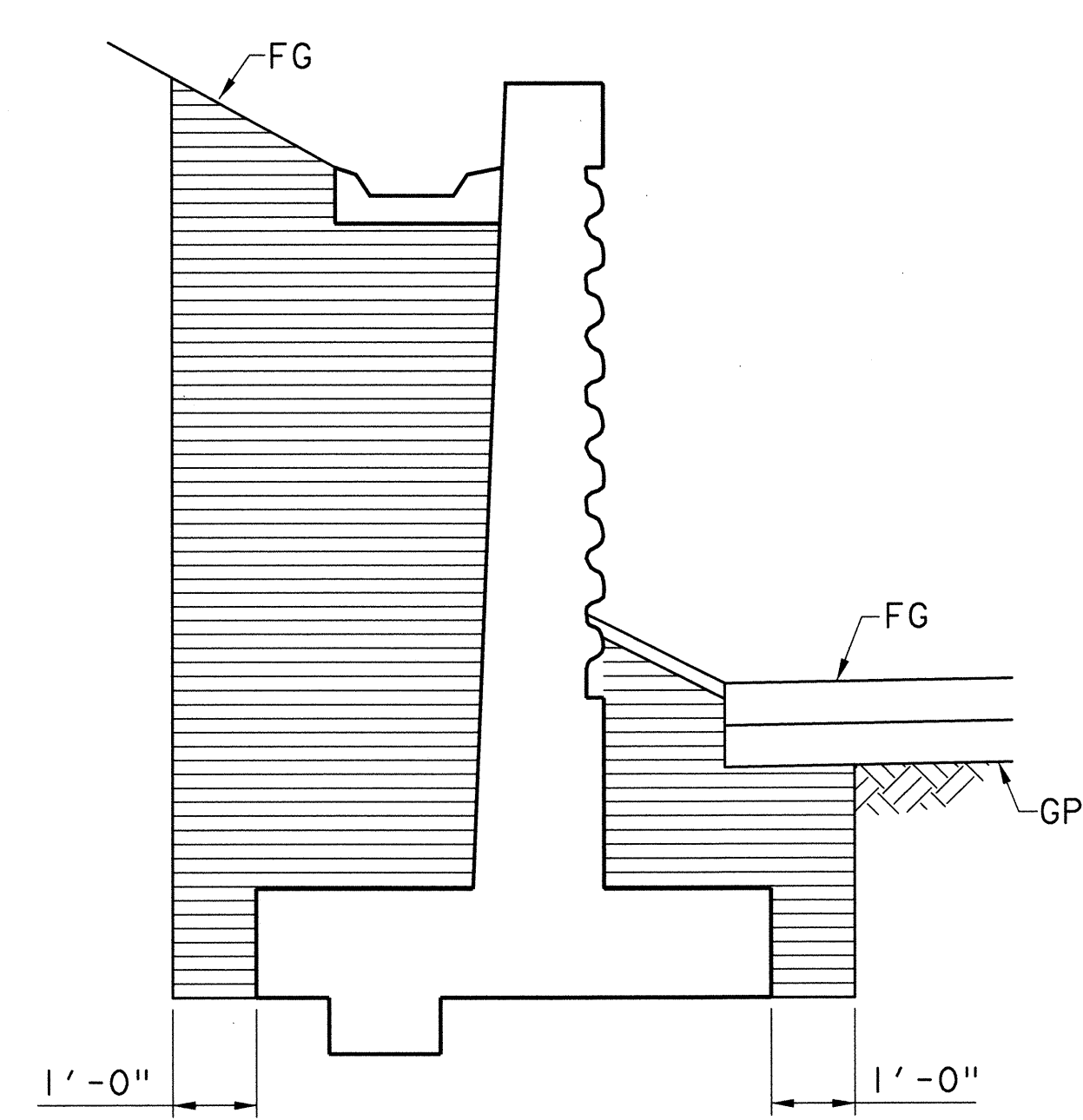**RETAINING WALL TYPE 1 (MOD) TYPICAL SECTION** (B3-1)
No Scale

1'-0"

End of wall

RW LOL

2½"

Custom Rock International River Stone Form Liner #1204
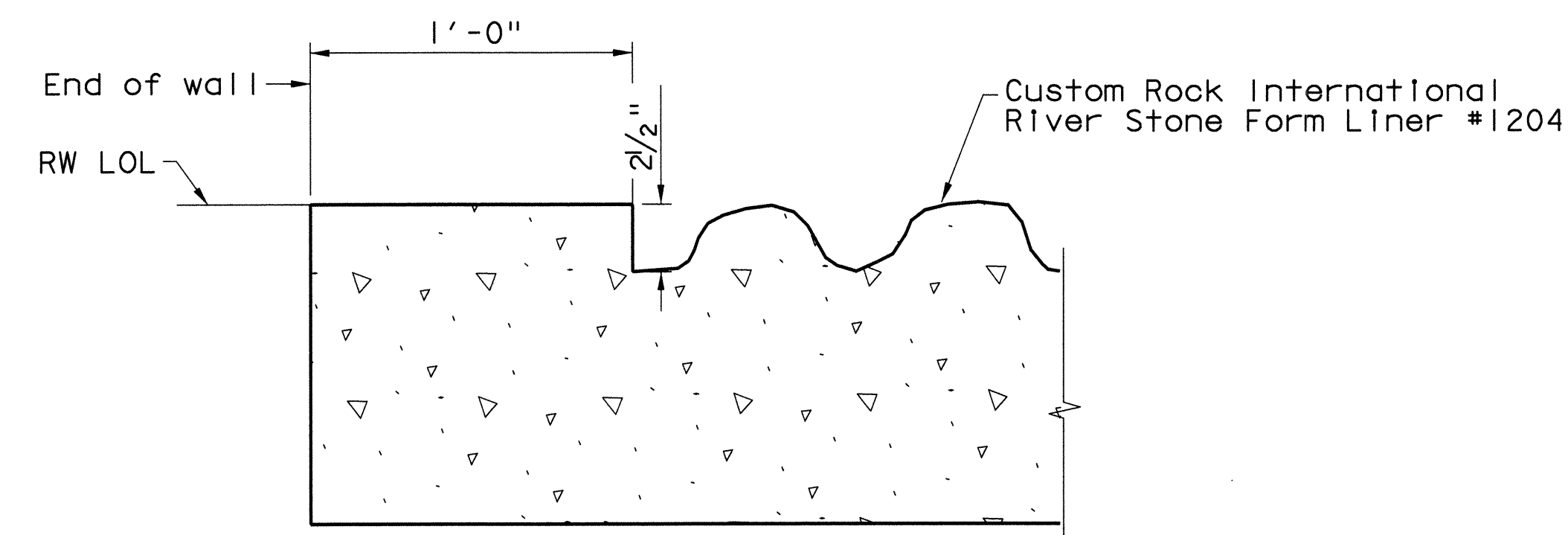
RIVER STONE FORM LINER DETAILS
No Scale

1'-2"

₵ Post

7"

Post pocket

#5 @ 18

#5 tot 2

2" Clr

1'-0"

Reinf per (B3-1)

2½" Max

Stone finish

DETAIL 1
No Scale

Approx OG

FG

FG

GP

1'-0"   1'-0"

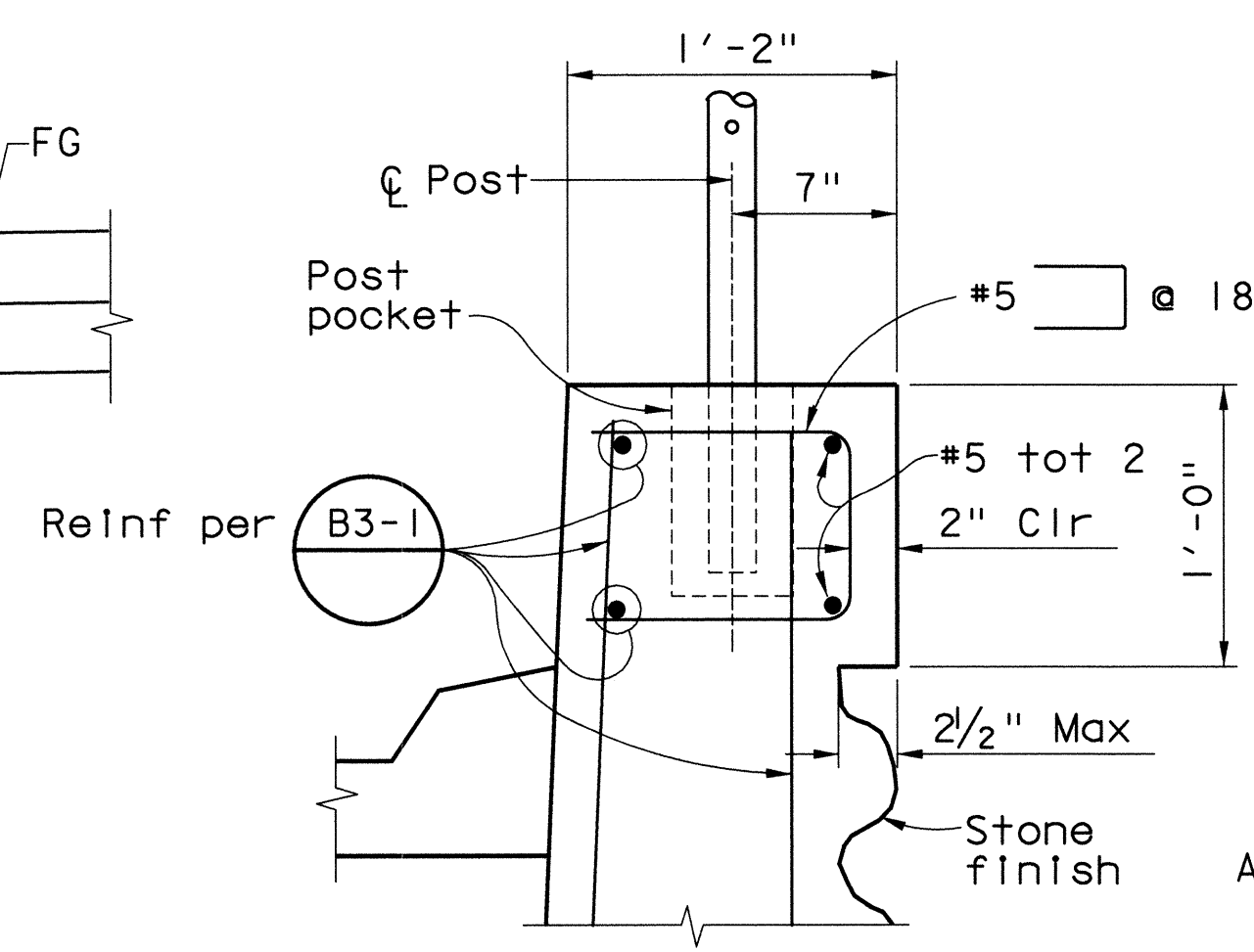**EXCAVATION**

FG

FG

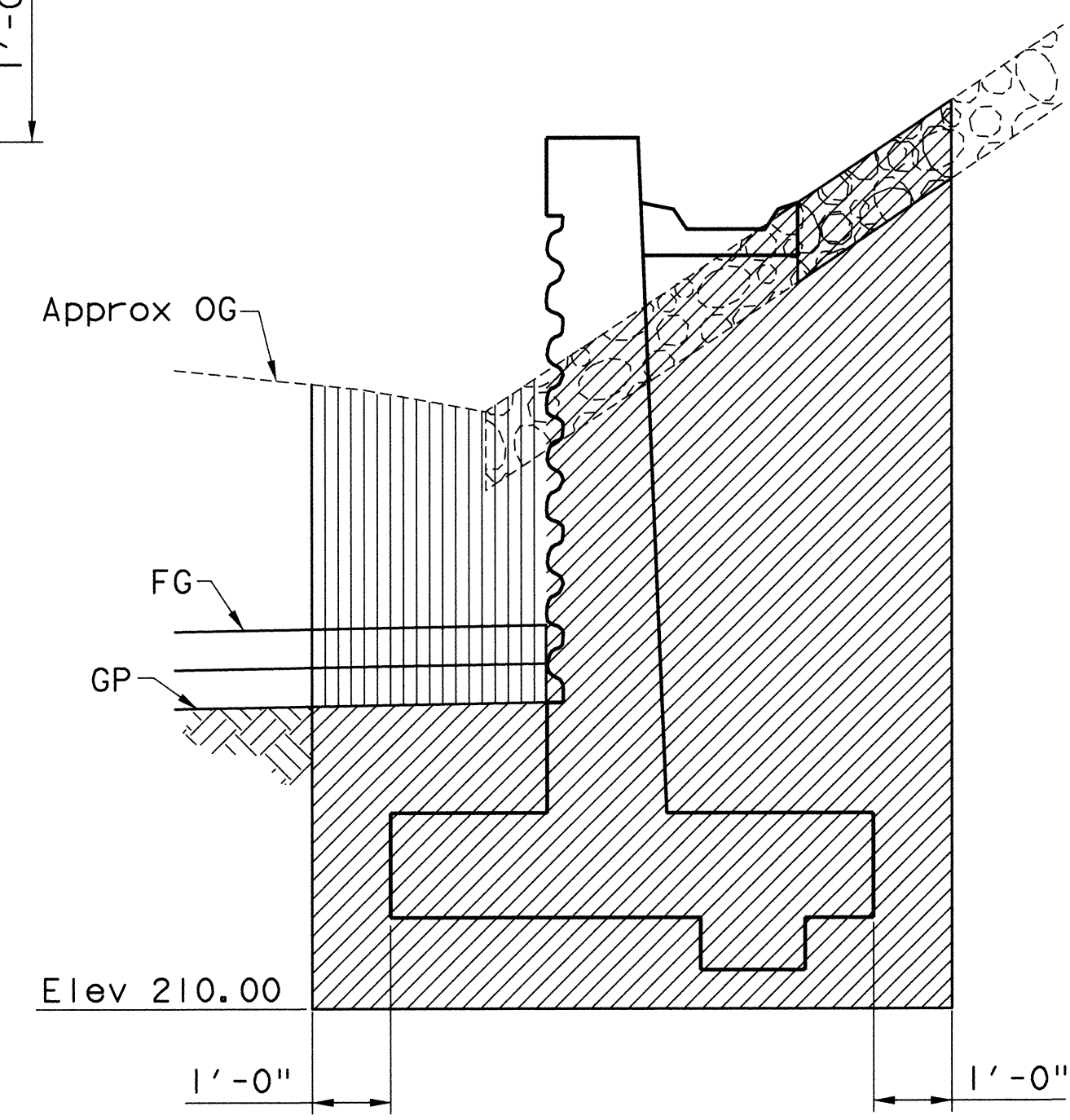GP

1'-0"   1'-0"
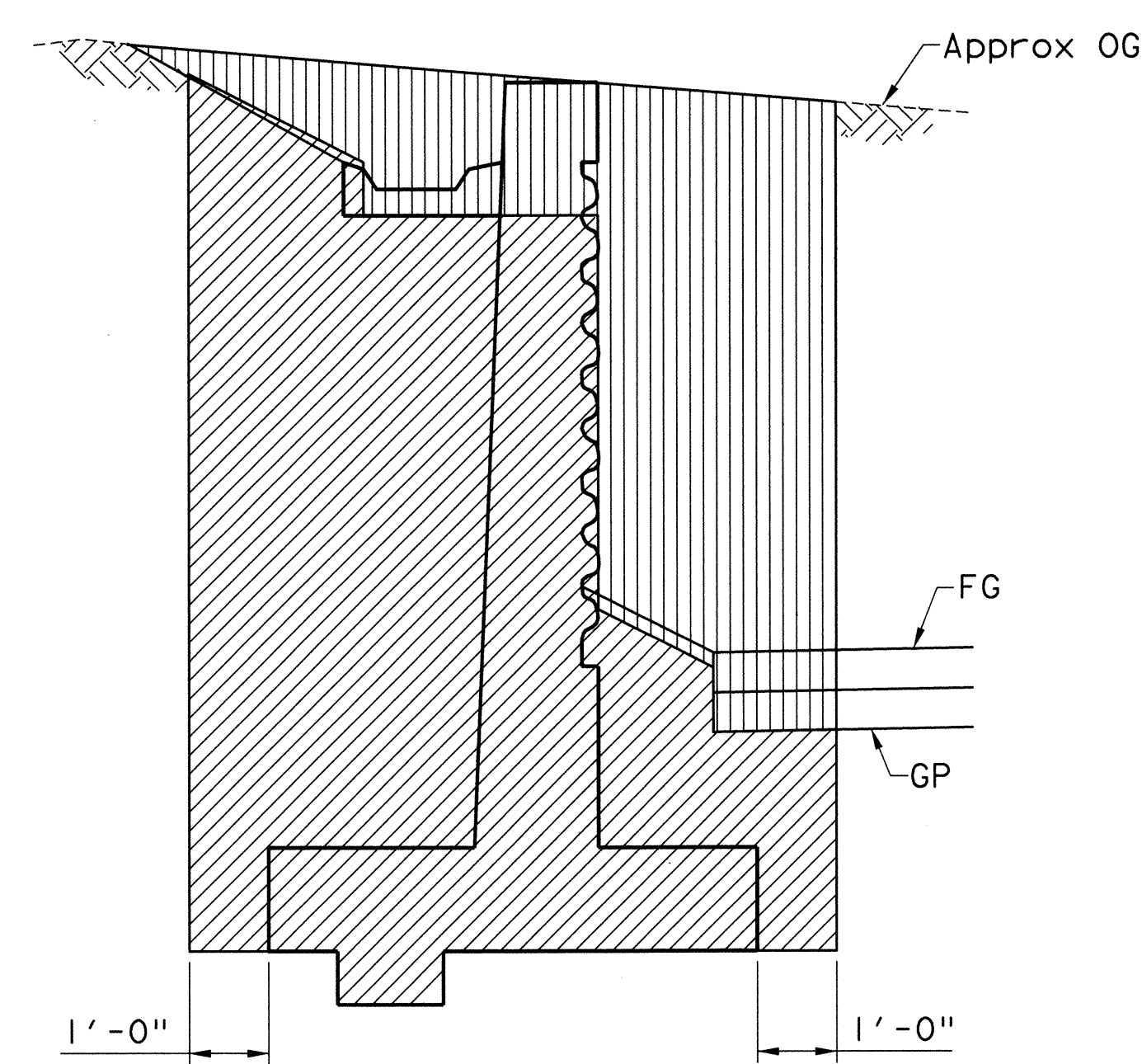
BACKFILL

LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL RETAINING WALLS NO. 1 & 2
No Scale

Note:
Limits of payment shown for Retaining Wall No. 1, Retaining Wall No. 2 & 3, similar.
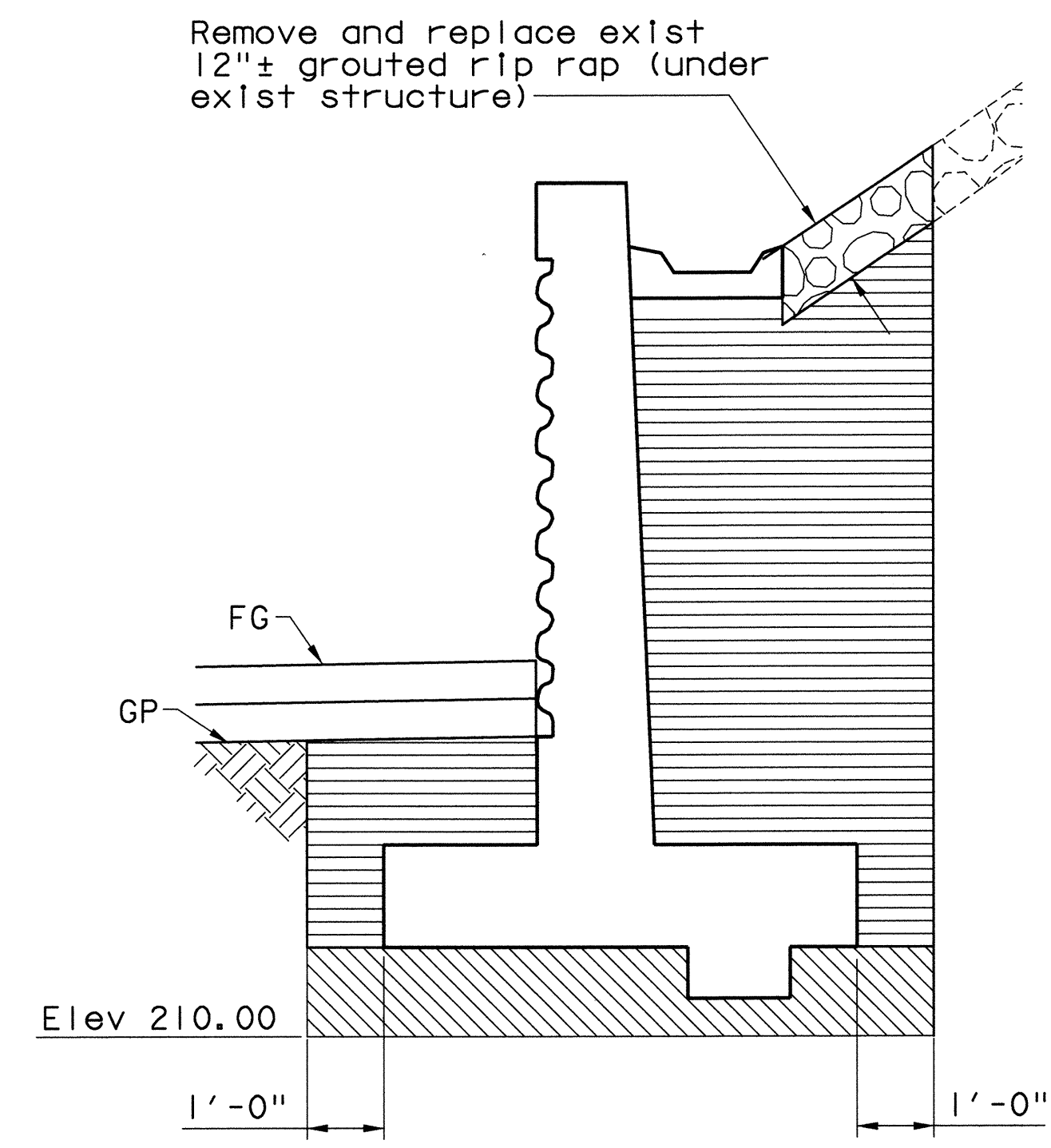
Remove and replace exist 12"± grouted rip rap (under exist structure)

Approx OG

FG

GP

Elev 210.00

1'-0"   1'-0"

FG

GP

Elev 210.00

1'-0"   1'-0"

LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL RETAINING WALL NO. 3
No Scale

Structure Excavation

Structure Backfill (90% compaction)

Structure Backfill (95% compaction)

Bikeway Excavation

Riprap

W. Koo & Associates, Inc.
600 The City Parkway West, Suite 310
Orange, CA. 92868
PH: (714) 456-0280
FAX: (714) 456-0295

ORANGE COUNTY
PUBLIC FACILITIES AND RESOURCES DEPARTMENT

GLASSELL STREET BRIDGE WIDENING
OVER SANTA ANA RIVER

RETAINING WALL DETAILS

MARK	DATE	DESCRIPTION

REVISIONS

PREPARED UNDER RESPONSIBLE CHARGE OF:

SHAFI M. SHARIFAN
No. CE 49697
Exp. 9-30-04

DESIGNED X. WU		SHEET
DRAWN G. BUELOW	CHECKED S. SHARIFAN	**17**
SCALE AS SHOWN	DATE 7/19/02	DRAWING NO.	OF 70

Date Plotted: 07/18/02

File Name: i:\010-14\glassell\rw_wd.dgn

Border sheet last modified 09-Nov-1999