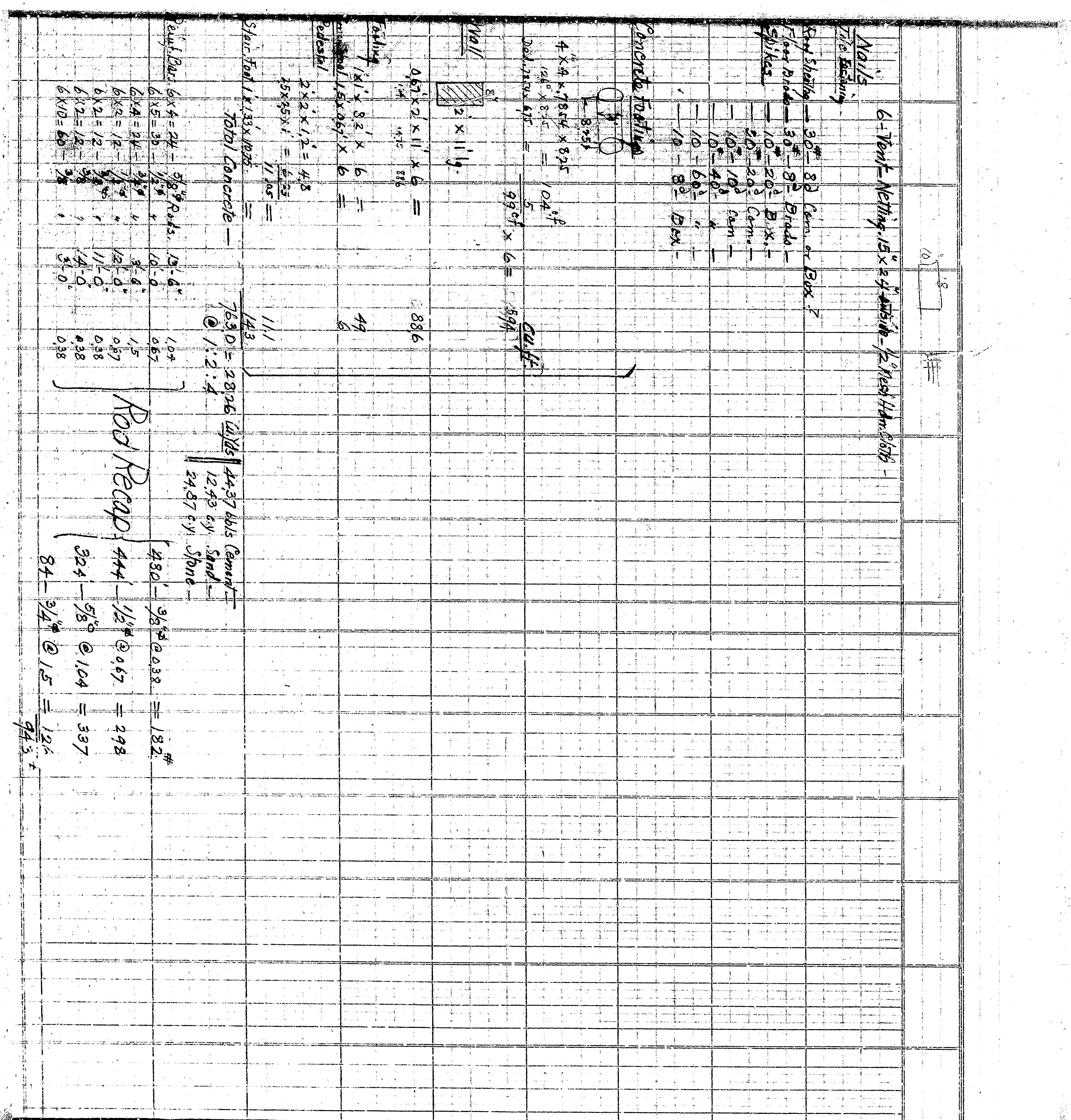


NOTE: 6-foot wide retaining wall on 1:2.4 slope. Reinforcement details include top and bottom bars with various diameters and spacings.

Reinforcement details:
 Top Bars: 3 #3 @ 12" o.c., 1 #4 @ 12" o.c.
 Bottom Bars: 1 #4 @ 12" o.c., 1 #3 @ 12" o.c.
 Vertical Spacing: 10" o.c. for #3 bars, 12" o.c. for #4 bars.

Bar	Length	Qty	Total Length	Weight
#3 Top	30'	3	90'	182
#4 Top	30'	1	30'	498
#4 Bottom	30'	1	30'	498
#3 Bottom	30'	1	30'	498
Vertical	10'	36	360'	337
Vertical	12'	25	300'	337
Total				182

Concrete Volume: 280 cu yd
 Formwork: 2457 sq ft
 Steel: 182 lbs



7.5 cu yd - 2.82 cu yd
 @ 1/2" = 4.37 cu yd
 @ 1/4" = 2.91 cu yd
 @ 1/8" = 1.46 cu yd

Bar Reqd:

4 #4	444
3 #4	333
2 #4	222
1 #4	111
Total	1110

84 - 3/4" @ 1.5' = 12.4' f

4.37 - 2.91 = 1.46
 1.46 - 1.11 = 0.35
 0.35 - 0.22 = 0.13
 0.13 - 0.08 = 0.05

498 - 444 = 54
 54 - 33 = 21
 21 - 11 = 10

94.5'