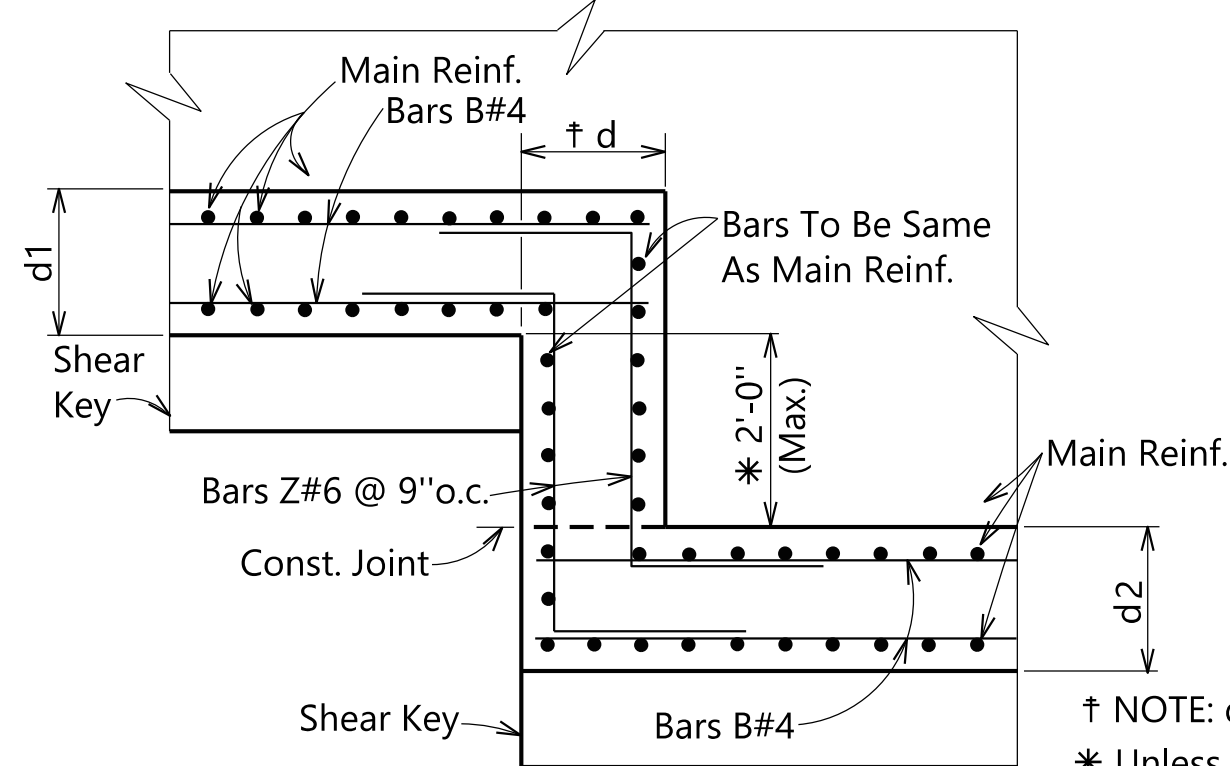
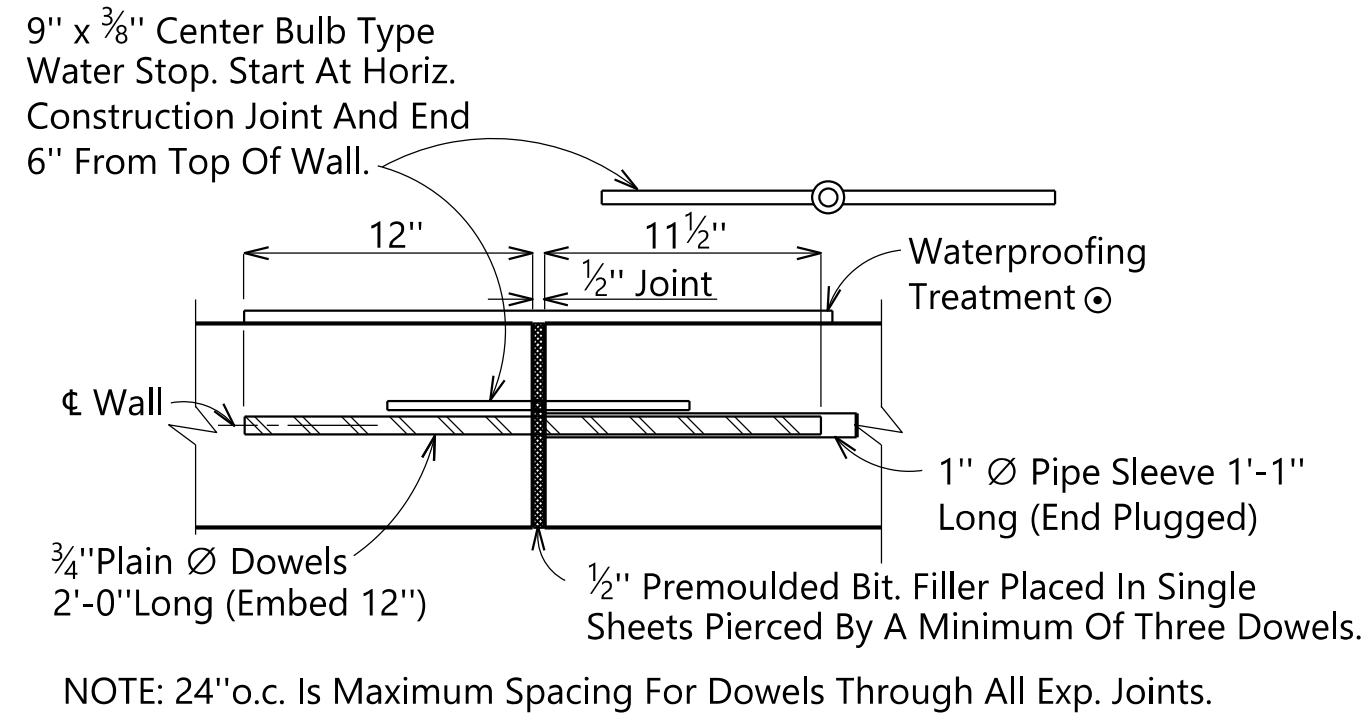


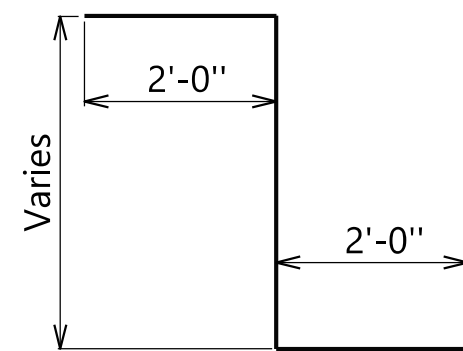
SECTION "A-A"
Scale: 3/4" = 1'-0"



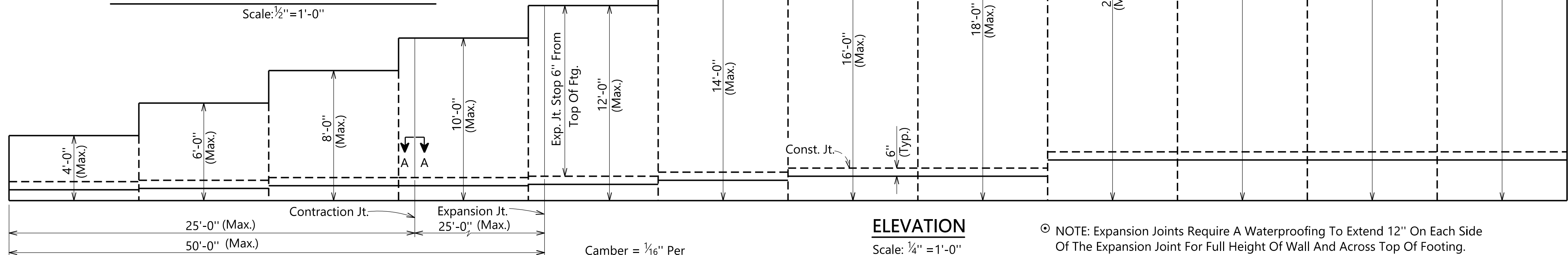
SECTION TO ADAPT STEPPED FOOTING
Scale: 1/2" = 1'-0"



EXPANSION JOINT DETAIL
Scale: 3/4" = 1'-0"

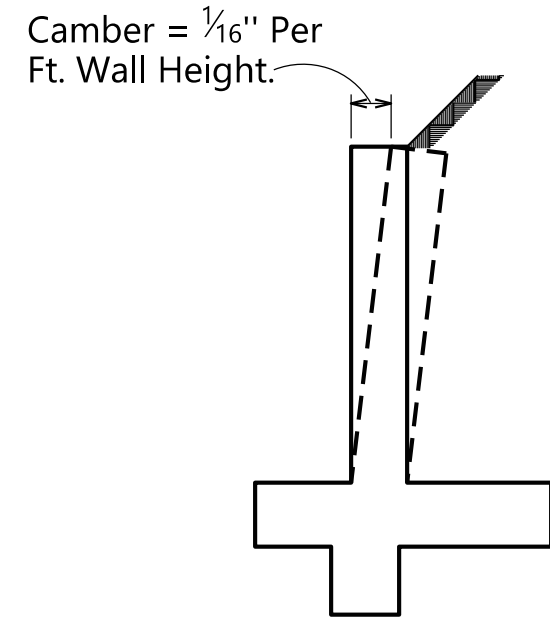


BARS Z

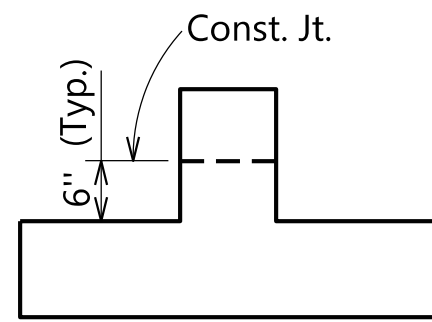


ELEVATION
Scale: 1/4" = 1'-0"

NOTE: Expansion Joints Require A Waterproofing To Extend 12" On Each Side Of The Expansion Joint For Full Height Of Wall And Across Top Of Footing. Waterproofing Shall Be Class A Or Class D In Accordance With Section 515. Cost Of Waterproofing To Be Included In The Unit Price Bid For Retaining Wall Concrete.



CAMBER DETAILS
(N.T.S.)



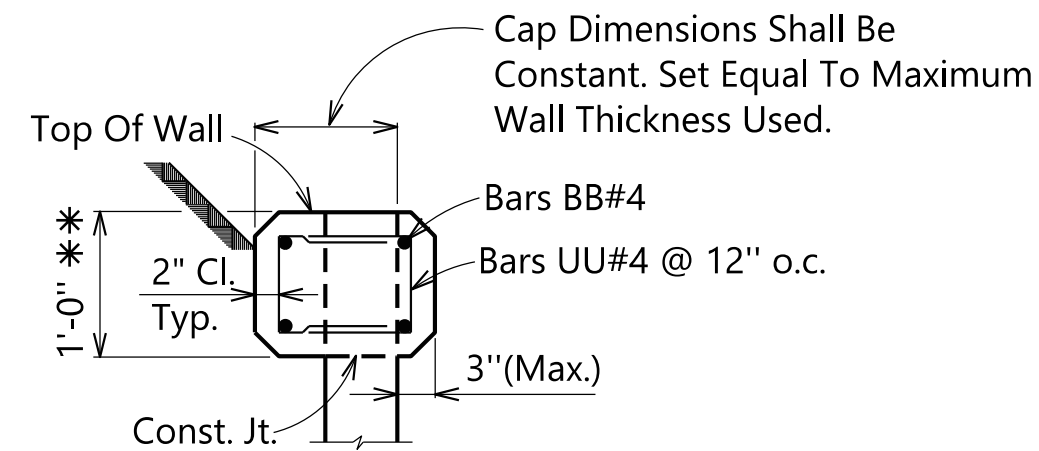
CONSTRUCTION JOINT
DETAILS
(N.T.S.)

NOTE: Quantities Are Based On Maximum Height For Each Wall.

ESTIMATED QUANTITIES		
Wall Height	Cu. Yds. Concrete (Per Lin. Ft. Of Wall)	Lbs. Steel Reinf. (Per Lin Ft. Of Wall)
0' To 4'	0.16	6.4
4' To 6'	0.23	19.8
6' To 8'	0.40	44.7
8' To 10'	0.53	76.2
10' To 12'	0.75	108.8
12' To 14'	1.08	147.2
14' To 16'	1.37	185.1
16' To 18' (Level Fill)	1.38	156.8
16' To 18' (Slope Fill)	2.09	251.2
18' To 22' (Level Fill)	2.60	197.6
18' To 22' (Slope Fill)	2.92	310.8
22' To 26' (level Fill)	3.14	344.8
22' To 26' (Slope Fill)	3.51	556.7
26' To 30' (Level Fill)	3.88	488.6
26' To 30' (Slope Fill)	4.06	428.8
30' To 34' (Level Fill)	4.44	630.1
30' To 34' (Slope Fill)	5.15	820.0

GENERAL NOTES

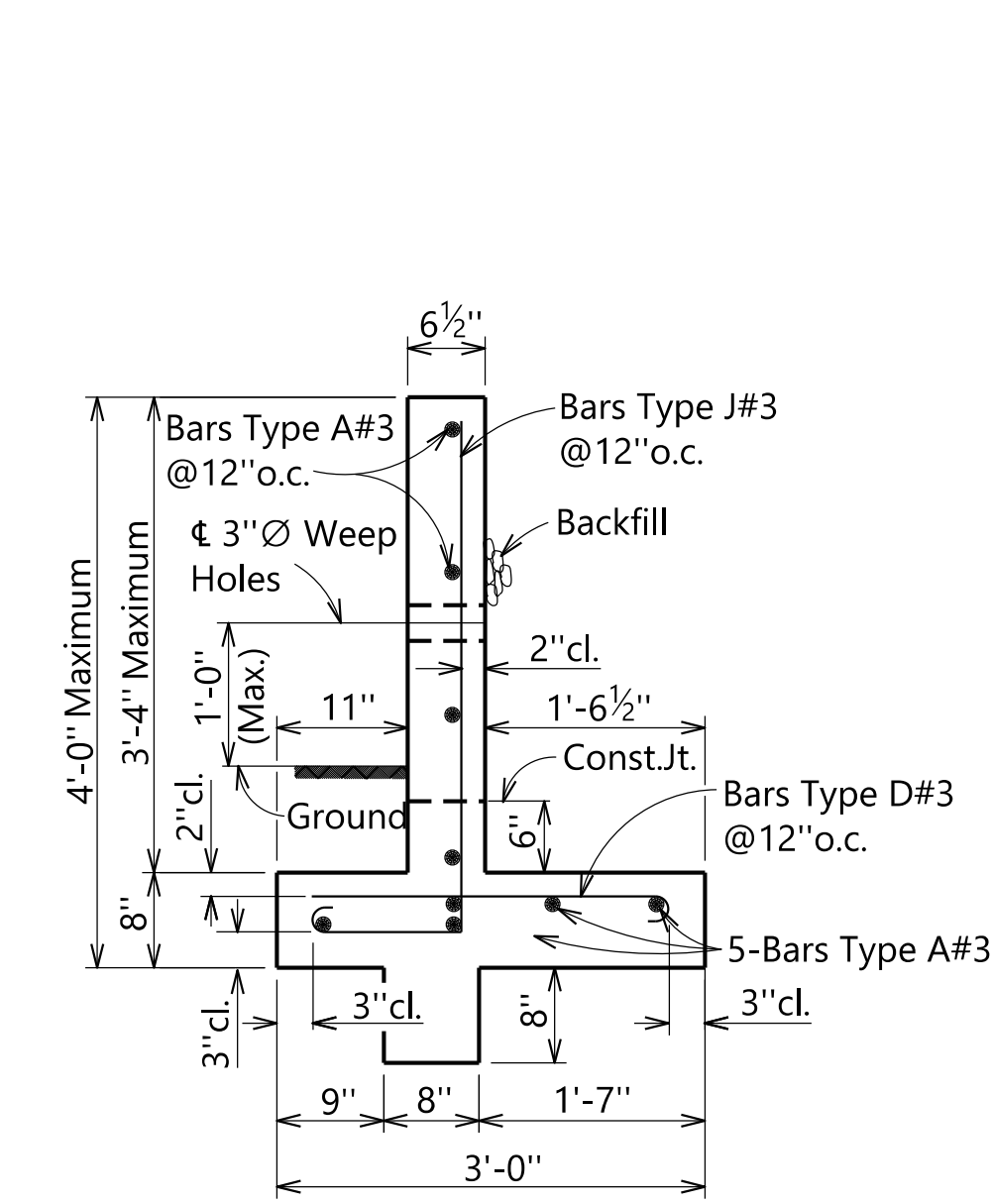
SPECIFICATIONS: Alabama Department Of Transportation
CONCRETE: Shall Be Retaining Wall Concrete.
WEEP HOLES: Three Inch Round Weep Holes Spaced Not Over Ten Feet On Centers Shall Be Placed At Elevations As Shown On Retaining Wall Sections w/Backfill As Per Subarticle 214.02 (b).
CONSTRUCTION JOINTS: All Construction Joints Shall Be Carefully Made, Well Bonded And Waterproof.
STEEL REINFORCEMENT: All Reinforcement Shall Be In Accordance With Section 835.
WALL CAP: The Top Of All Walls Shall Be Provided With A Cap As Detailed Below Unless Otherwise Noted By Plan Details.



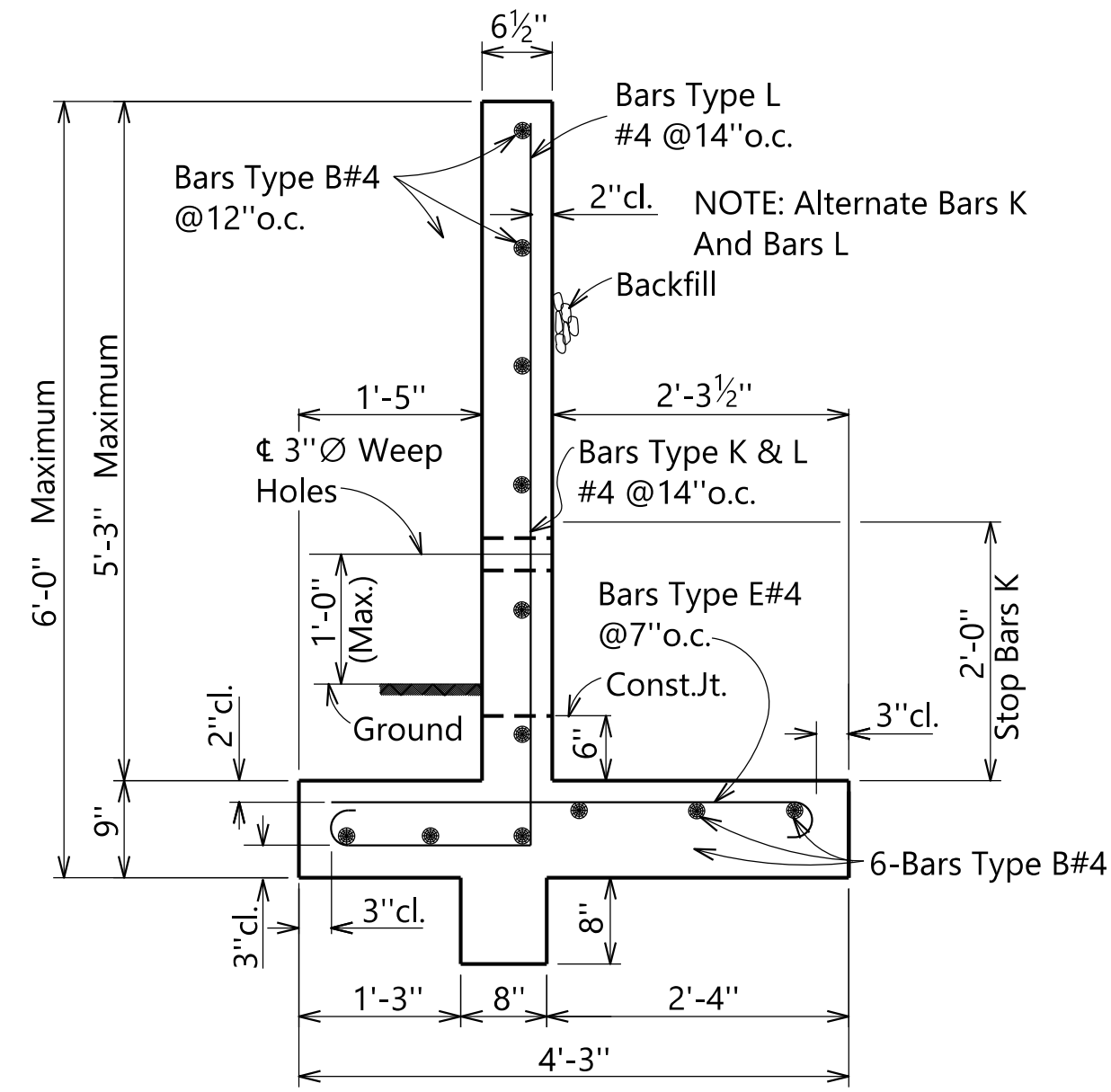
** Cap Shall Be Poured As The Top 1'-0" Of Wall After The Backfill Has Been Placed.

DETAIL AT TOP OF WALL
Scale: 6 1/64" = 1'-0"

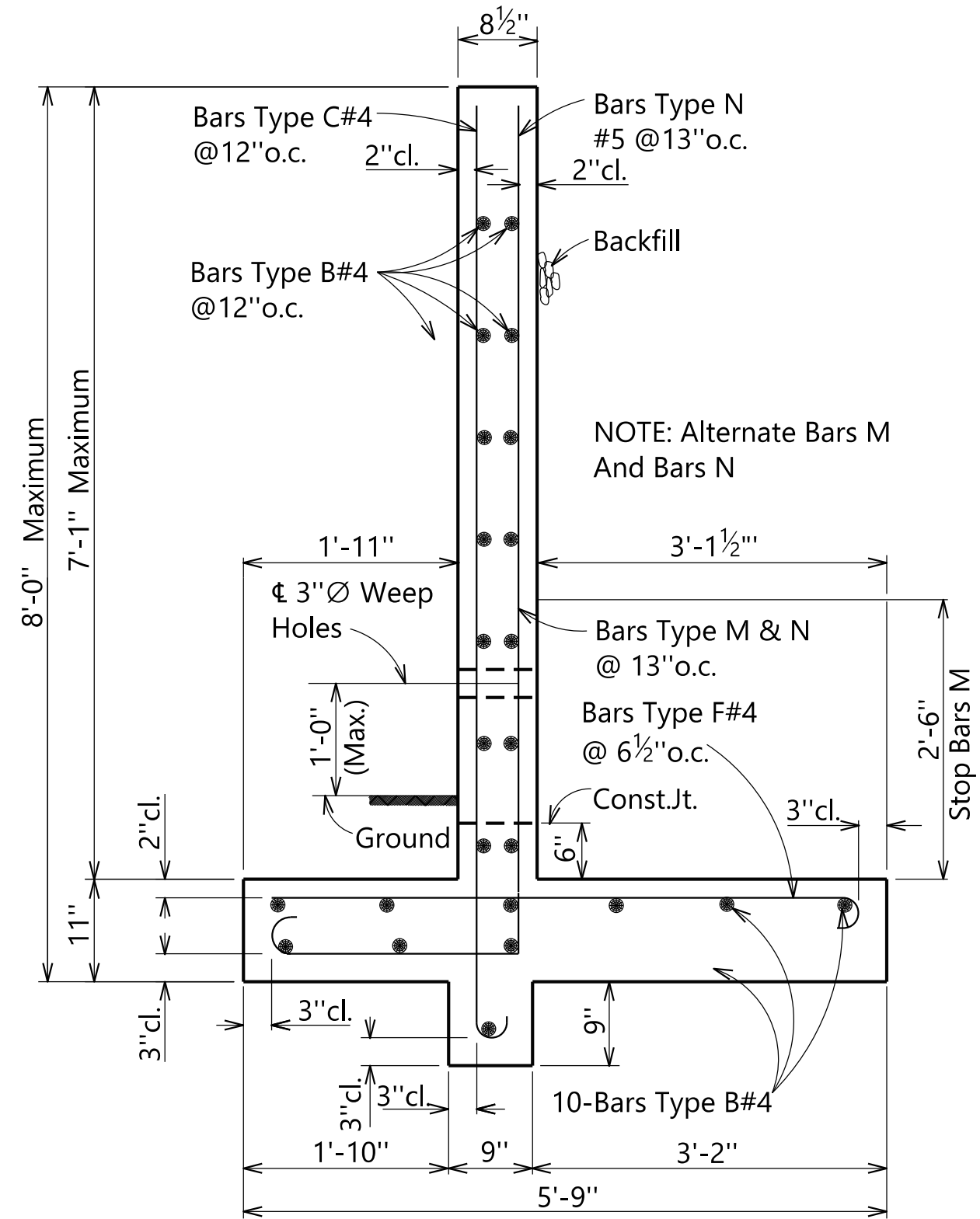
REFERENCE PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER



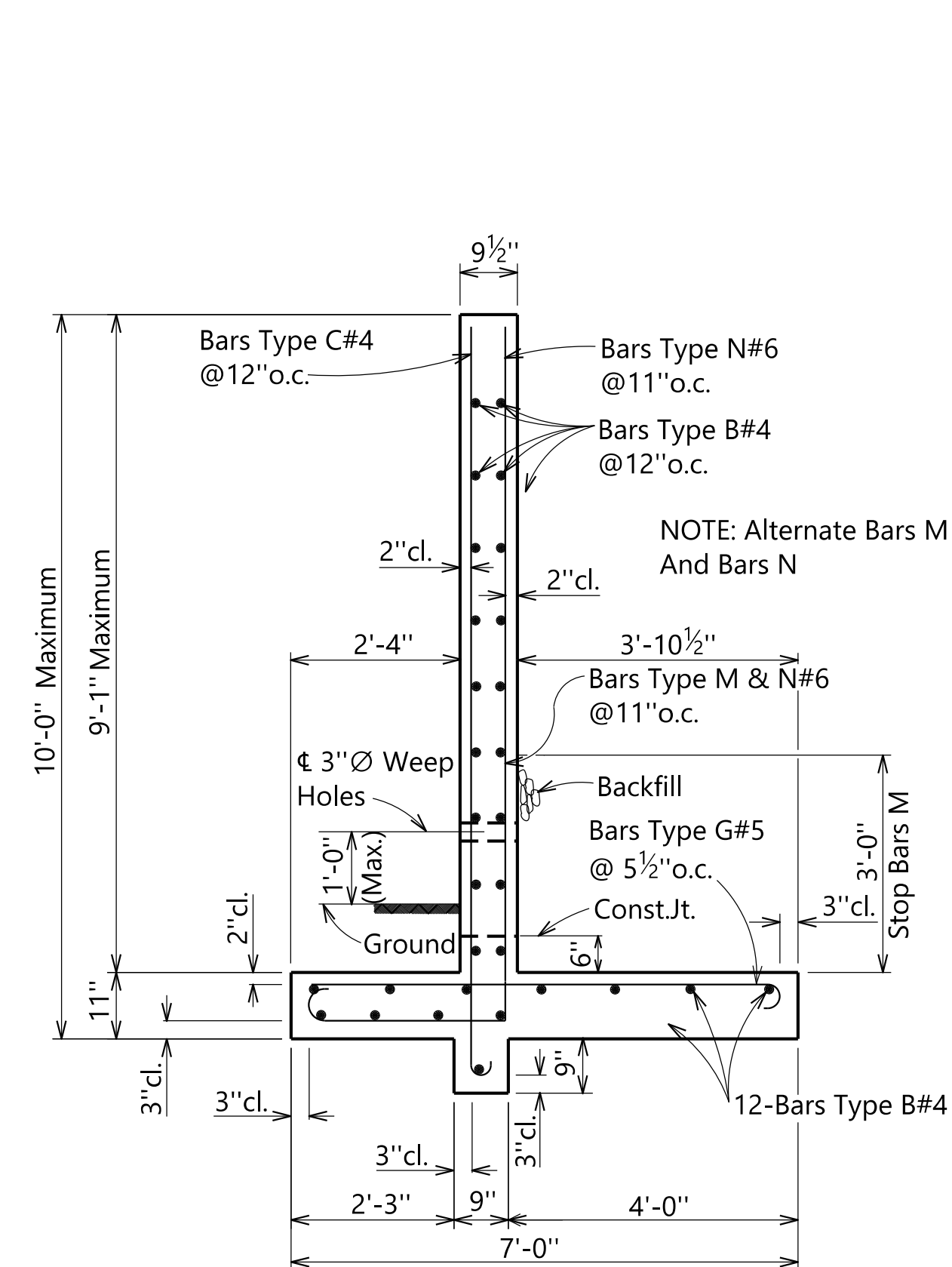
0' To 4'-0" RETAINING WALL
Scale: 3/4" = 1'-0"



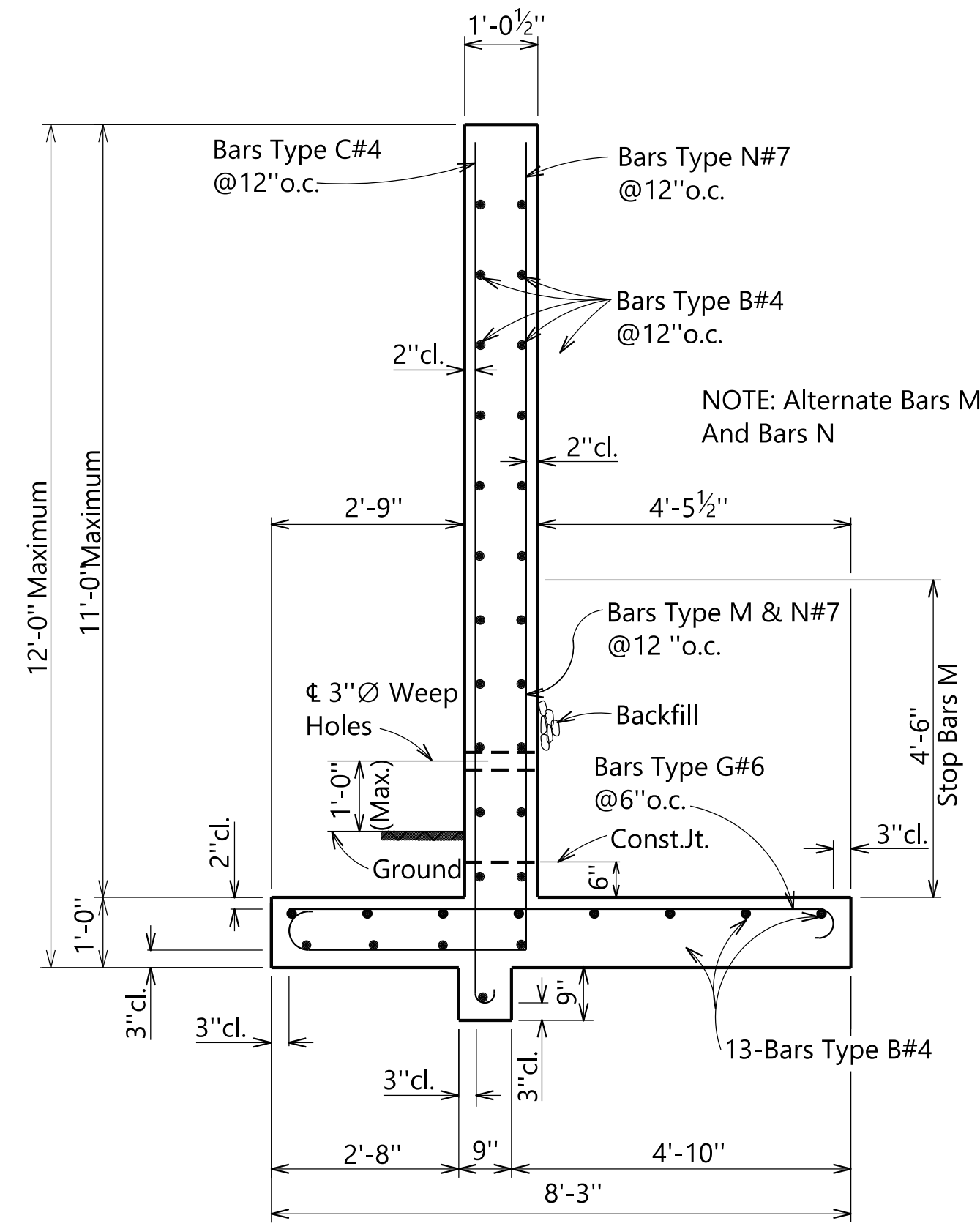
4'-0" To 6'-0" RETAINING WALL
Scale: 3/4" = 1'-0"



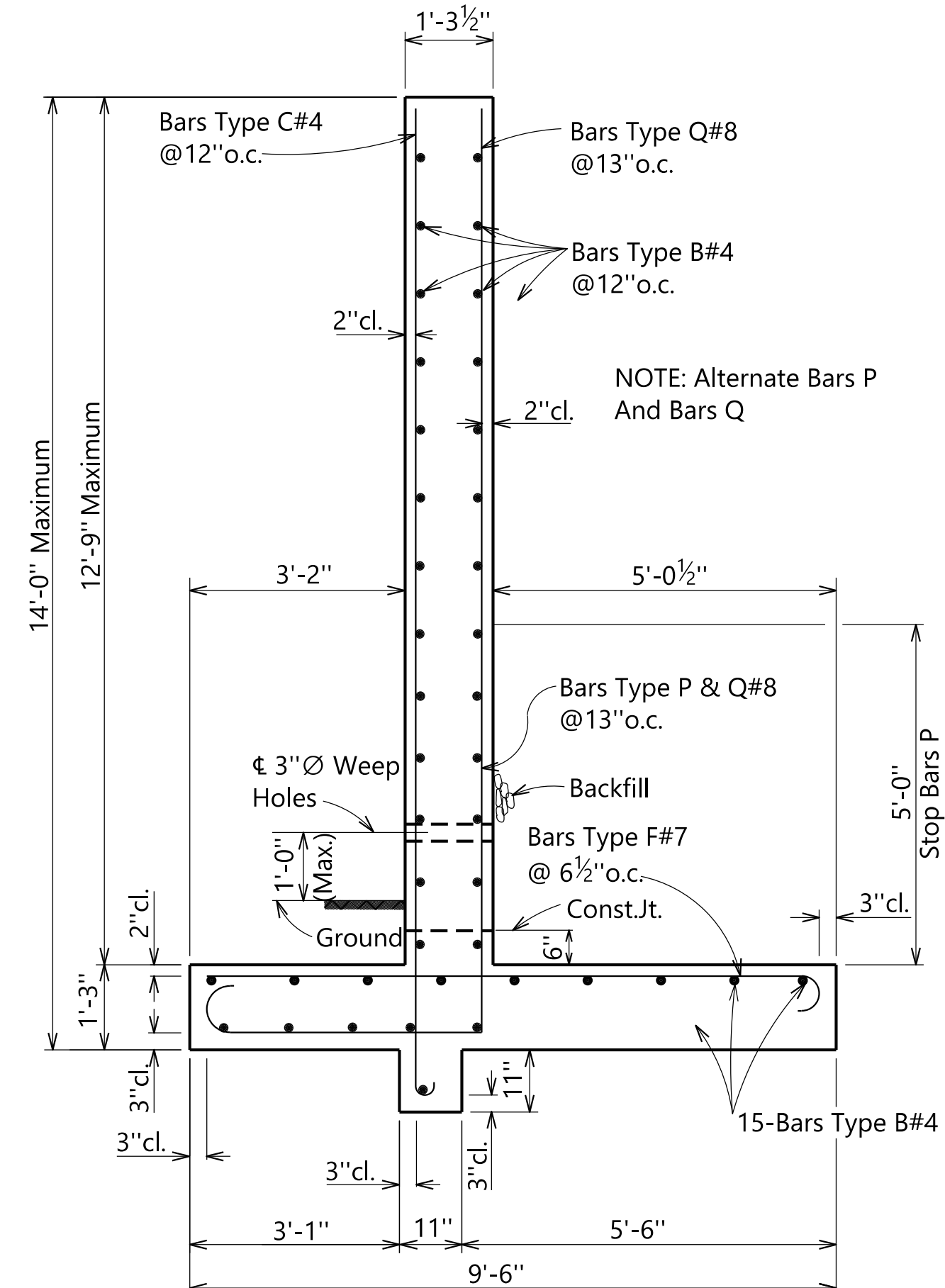
6'-0" To 8'-0" RETAINING WALL
Scale: 3/4" = 1'-0"



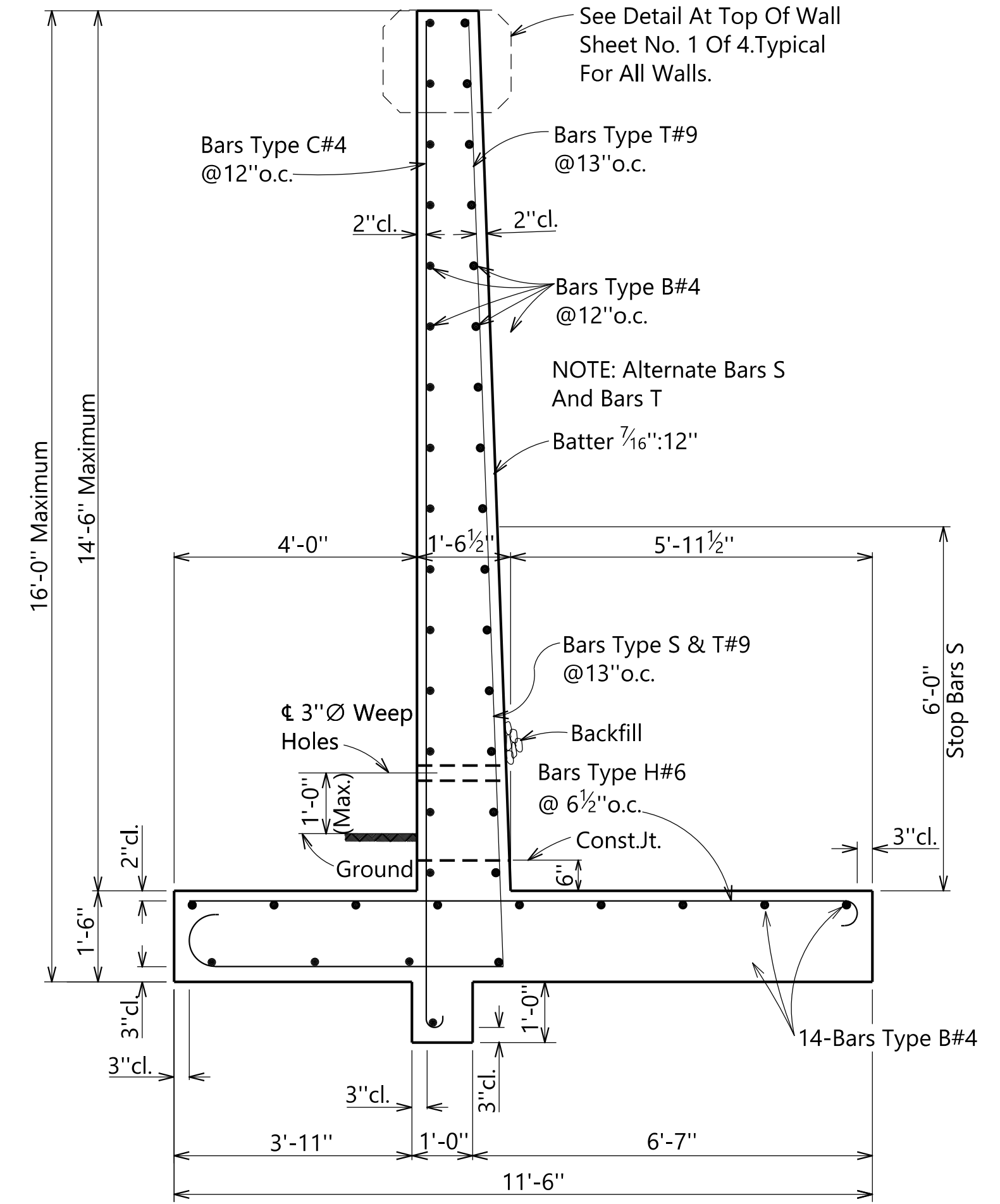
8'-0" To 10'-0" RETAINING WALL
Scale: 1/2" = 1'-0"



10'-0" To 12'-0" RETAINING WALL
Scale: 1/2" = 1'-0"



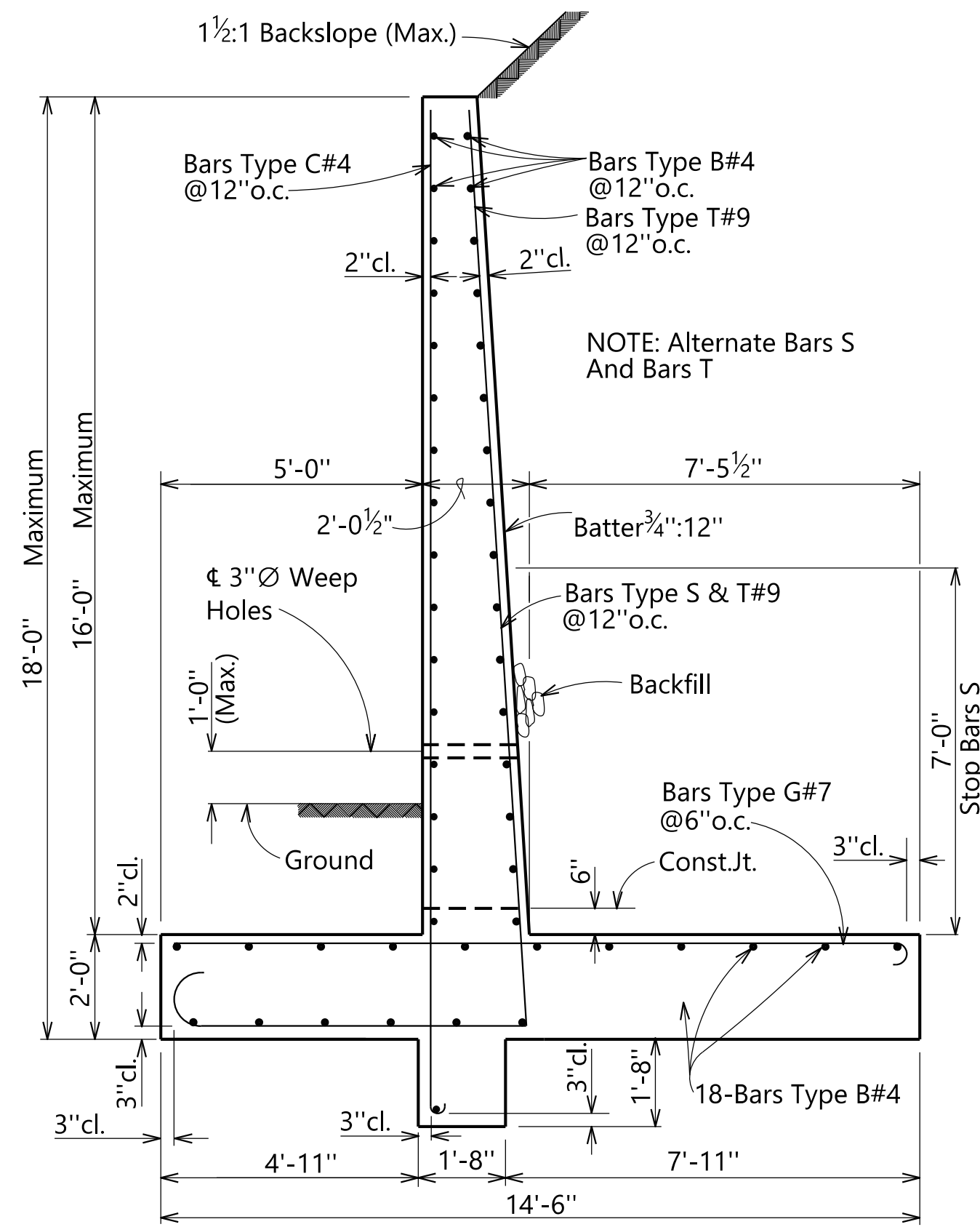
12'-0" To 14'-0" RETAINING WALL
Scale: 1/2" = 1'-0"



14'-0" To 16'-0" RETAINING WALL
Scale: 1/2" = 1'-0"

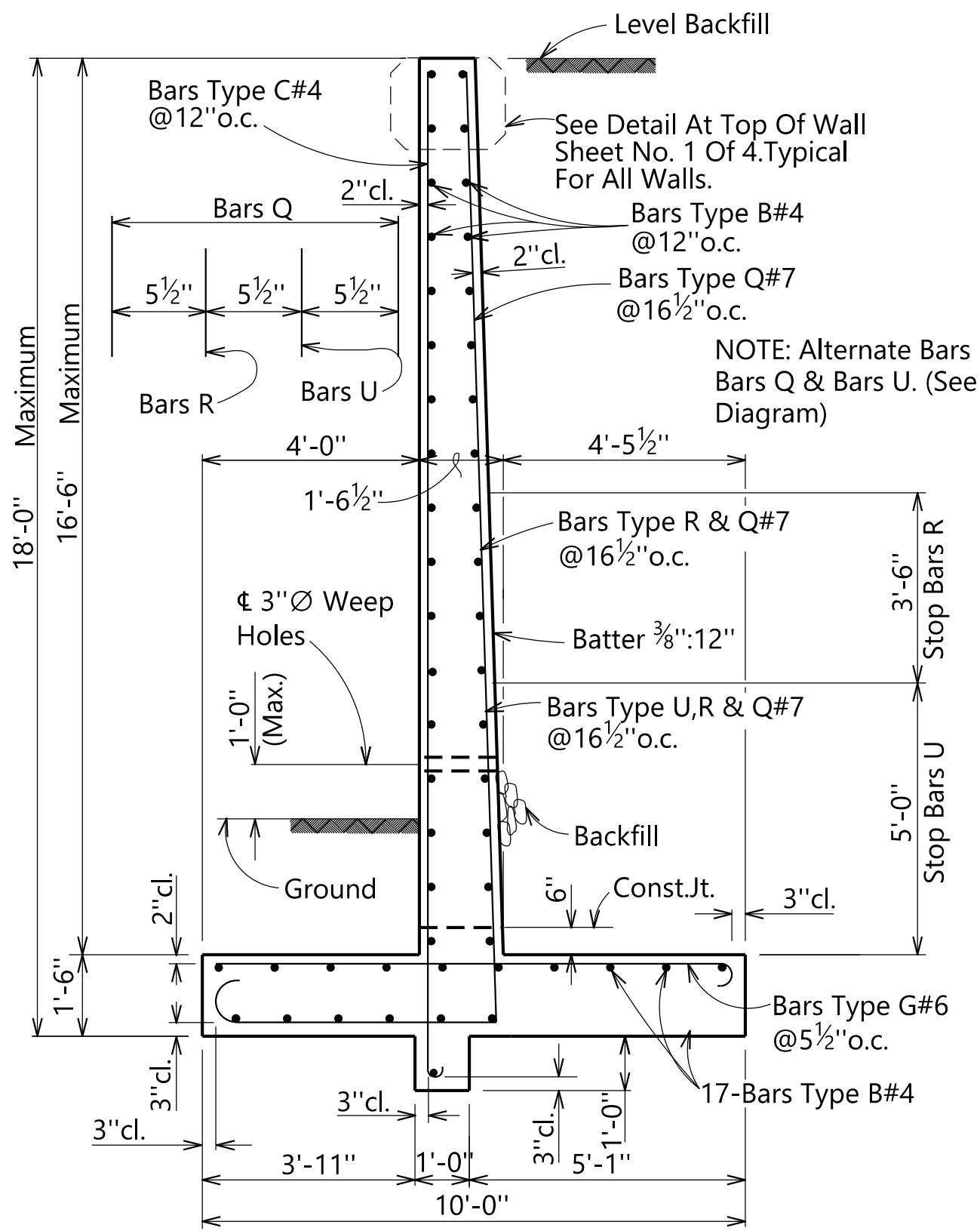
NOTE: The Retaining Wall Designs On Sheets 2 Thru 4 Are Based On A 3000 psf Minimum Allowable Soil Bearing Pressure.

NOTE: Retaining Walls Shown 0' To 16' In Height May Be Used For Level Or Sloping Backfill.



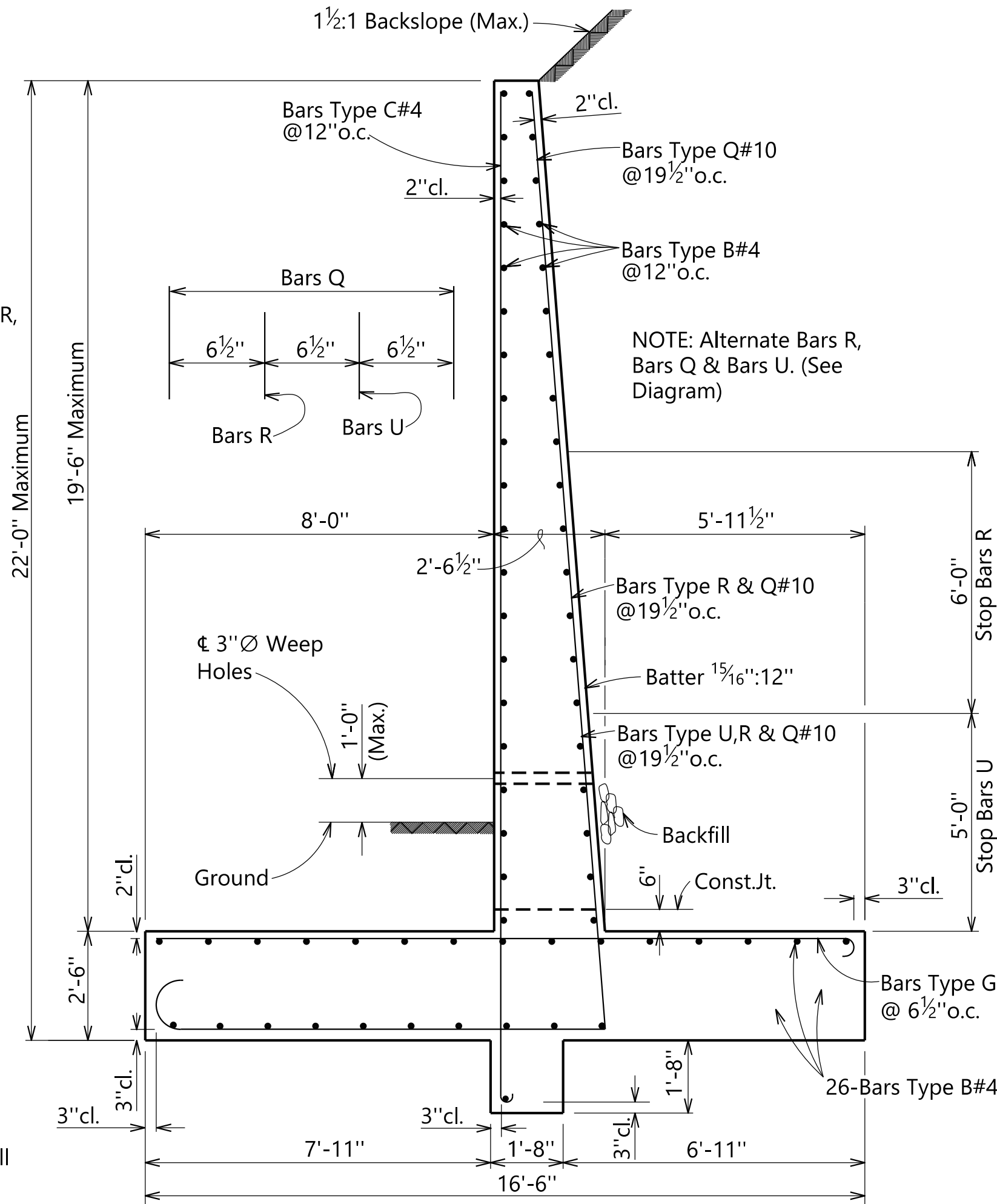
16'-0" TO 18'-0" RETAINING WALL

Scale: 3/8"=1'-0"



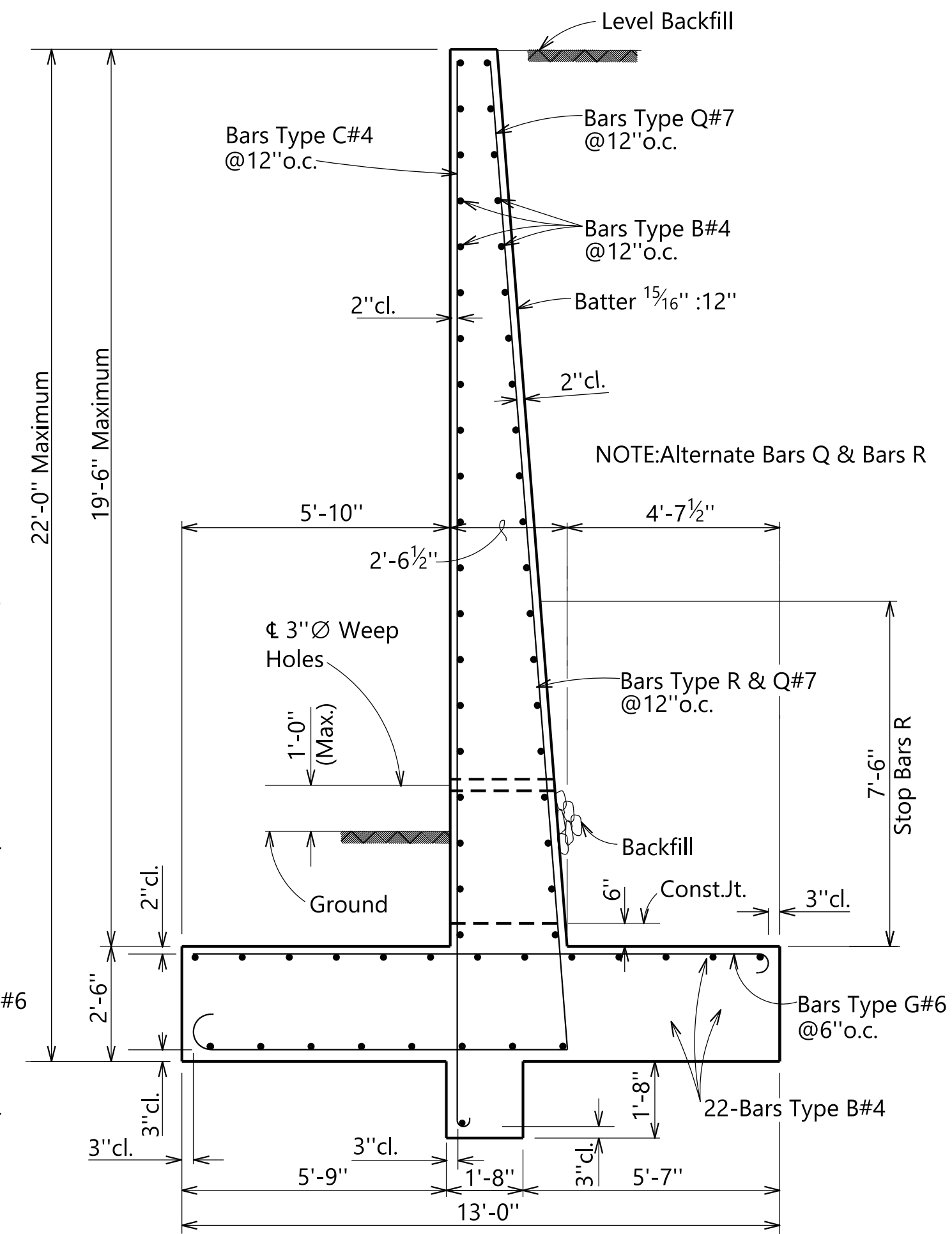
16'-0" TO 18'-0" RETAINING WALL

Scale: 3/8"=1'-0"



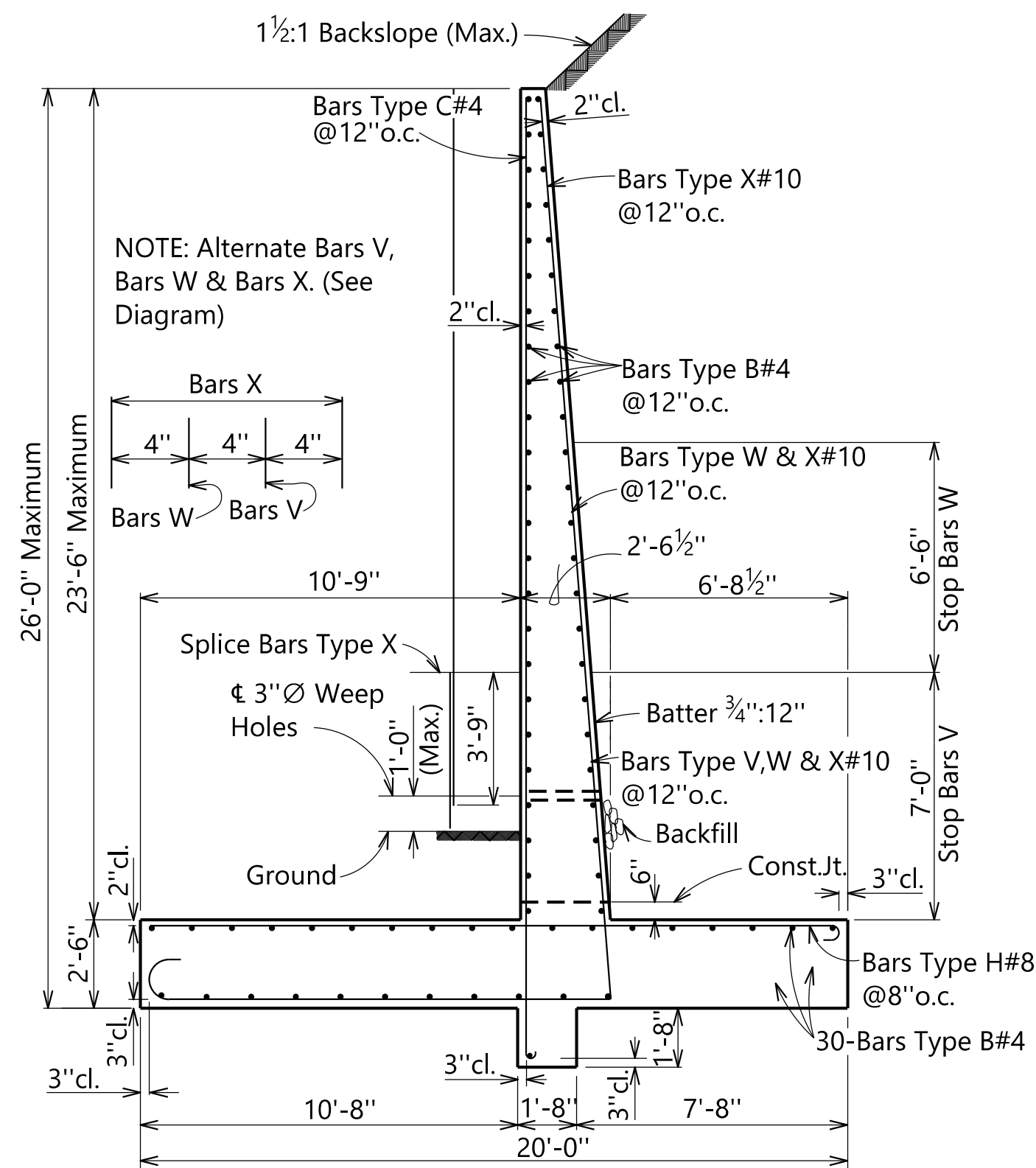
18'-0" TO 22'-0" RETAINING WALL

Scale: 3/8"=1'-0"



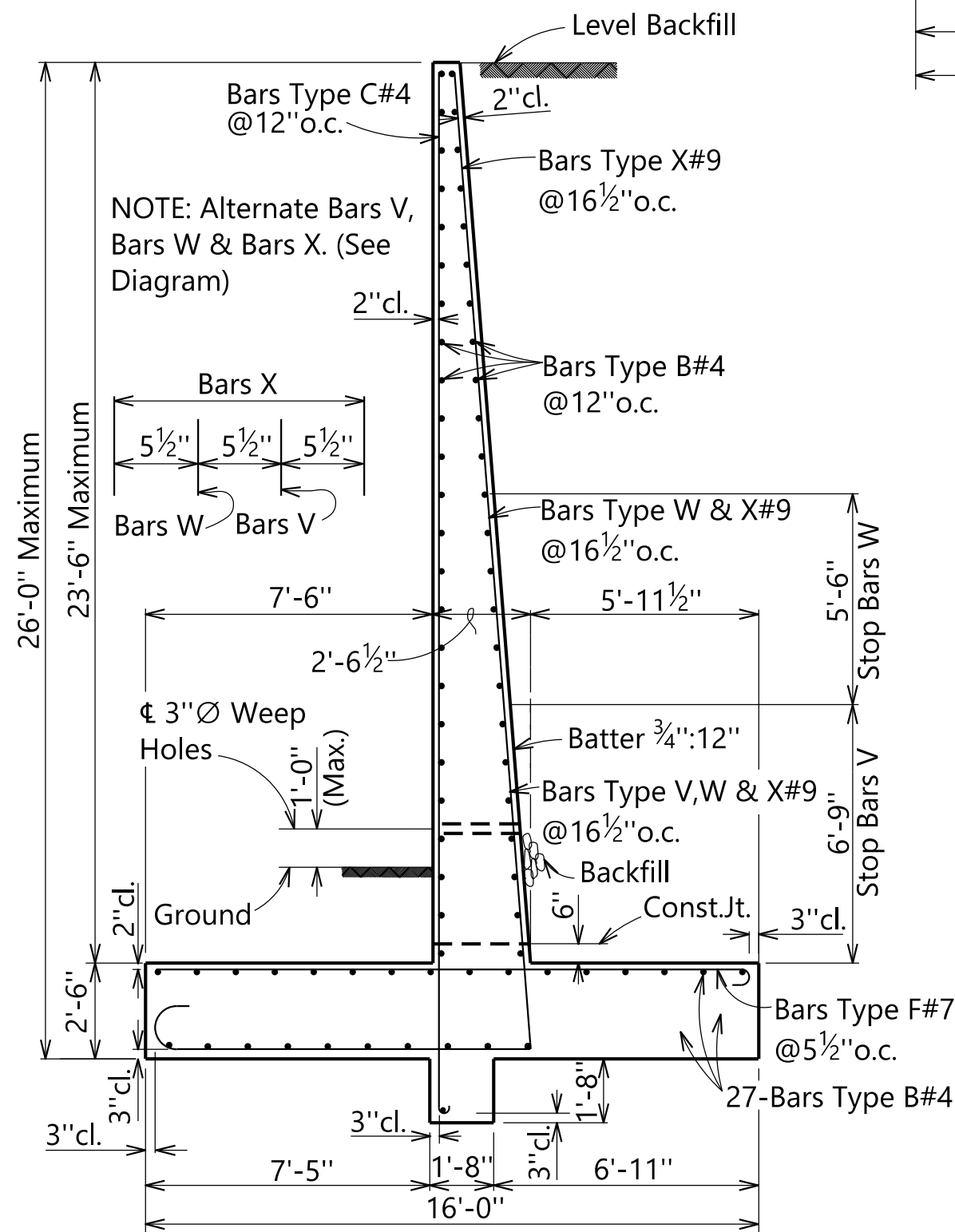
18'-0" TO 22'-0" RETAINING WALL

Scale: 3/8"=1'-0"



22'-0" TO 26'-0" RETAINING WALL

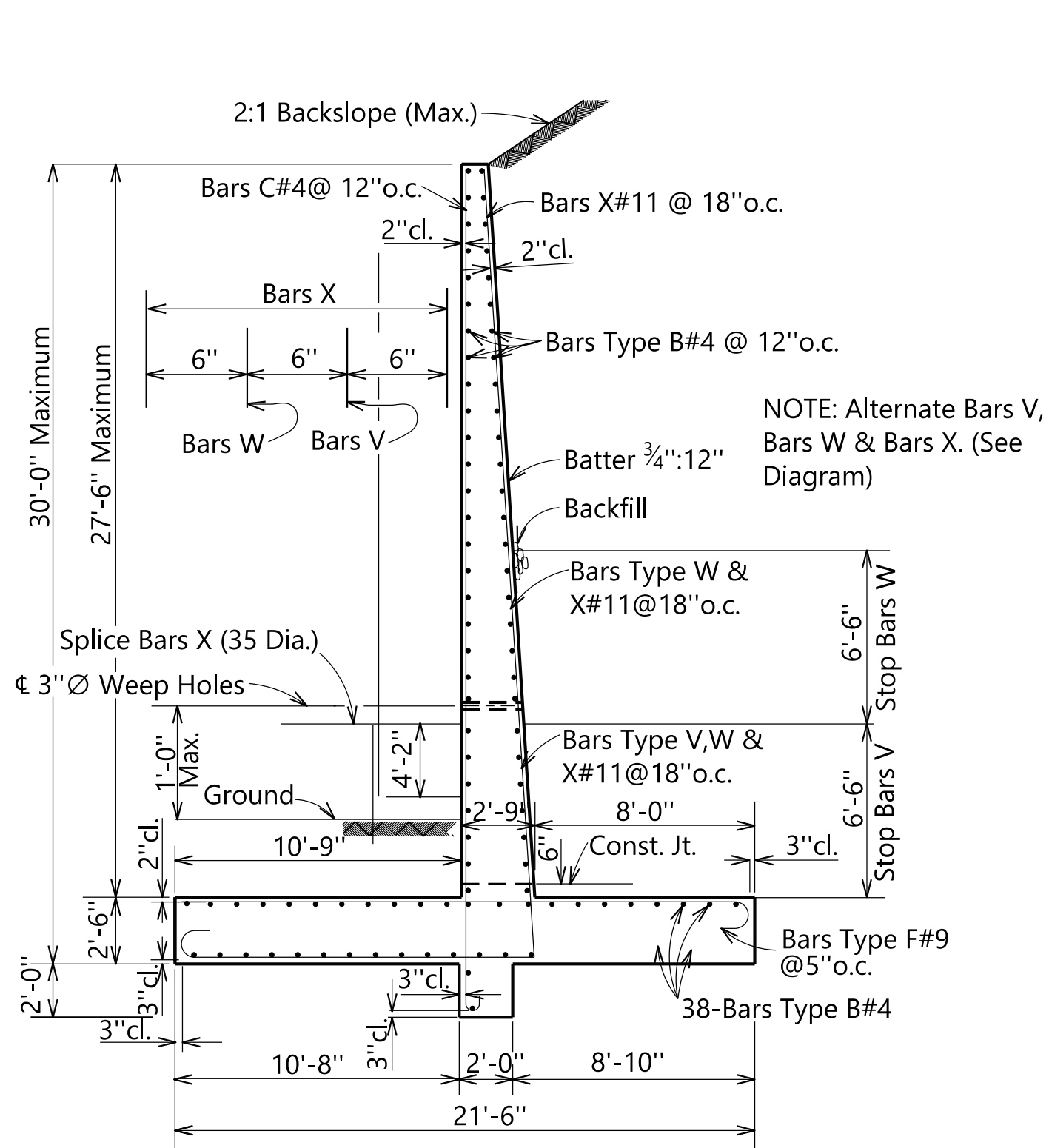
Scale: 1/4"=1'-0"



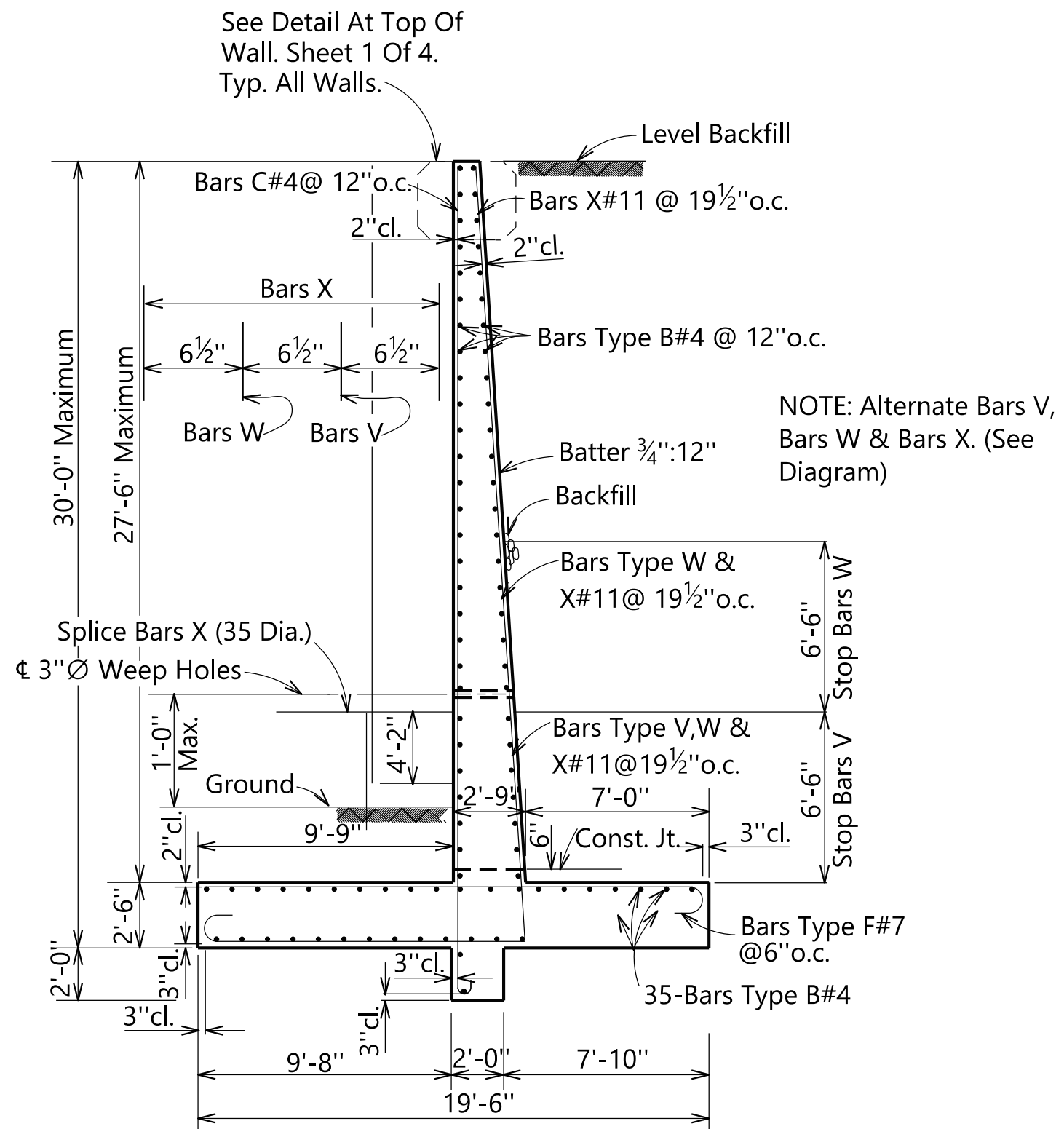
22'-0" TO 26'-0" RETAINING WALL

Scale: 1/4"=1'-0"

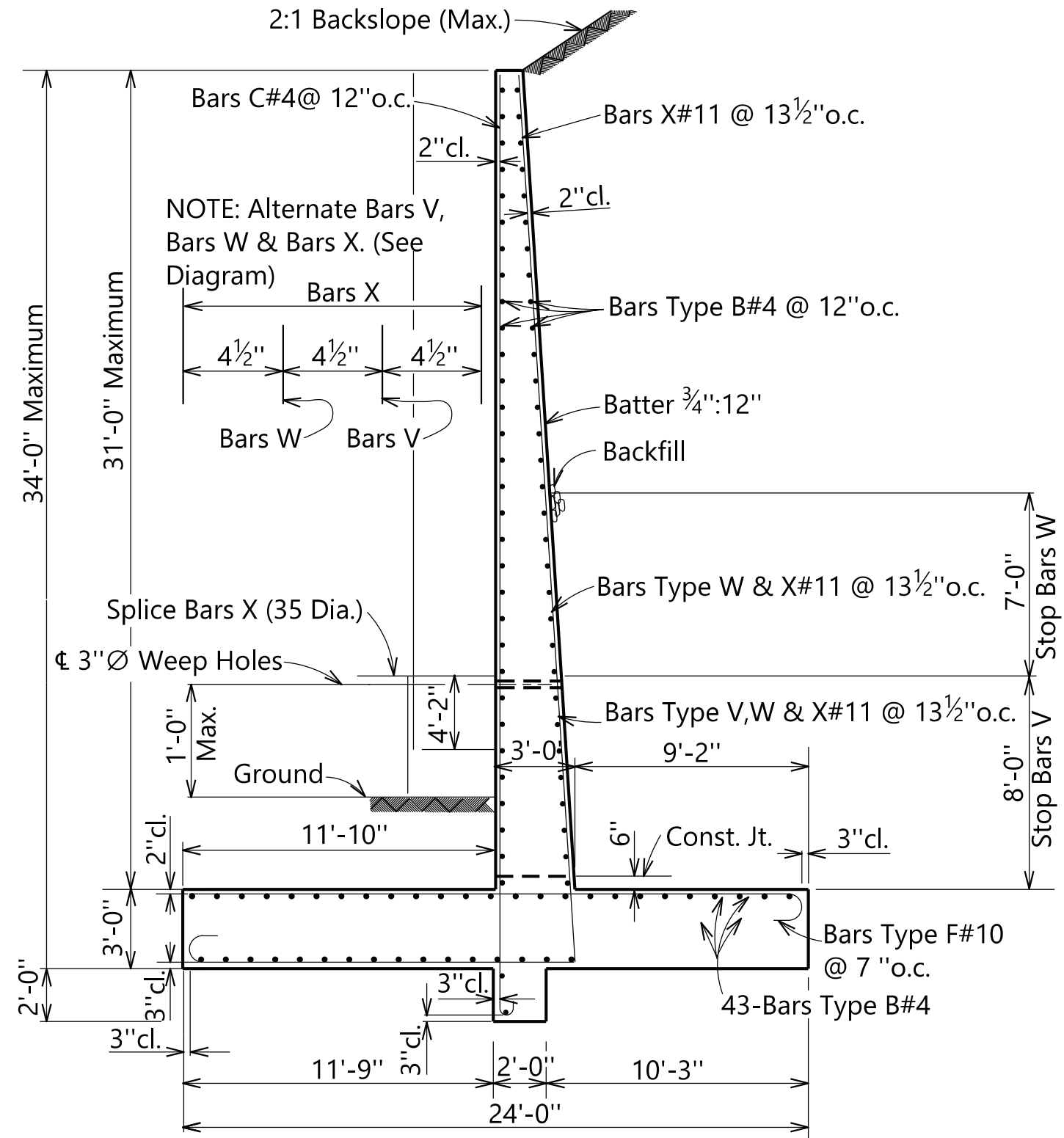
NOTE:The Retaining Wall Designs On Sheets 2 Thru 4 Are Based On
A 3000 psf Minimum Allowable Soil Bearing Pressure.



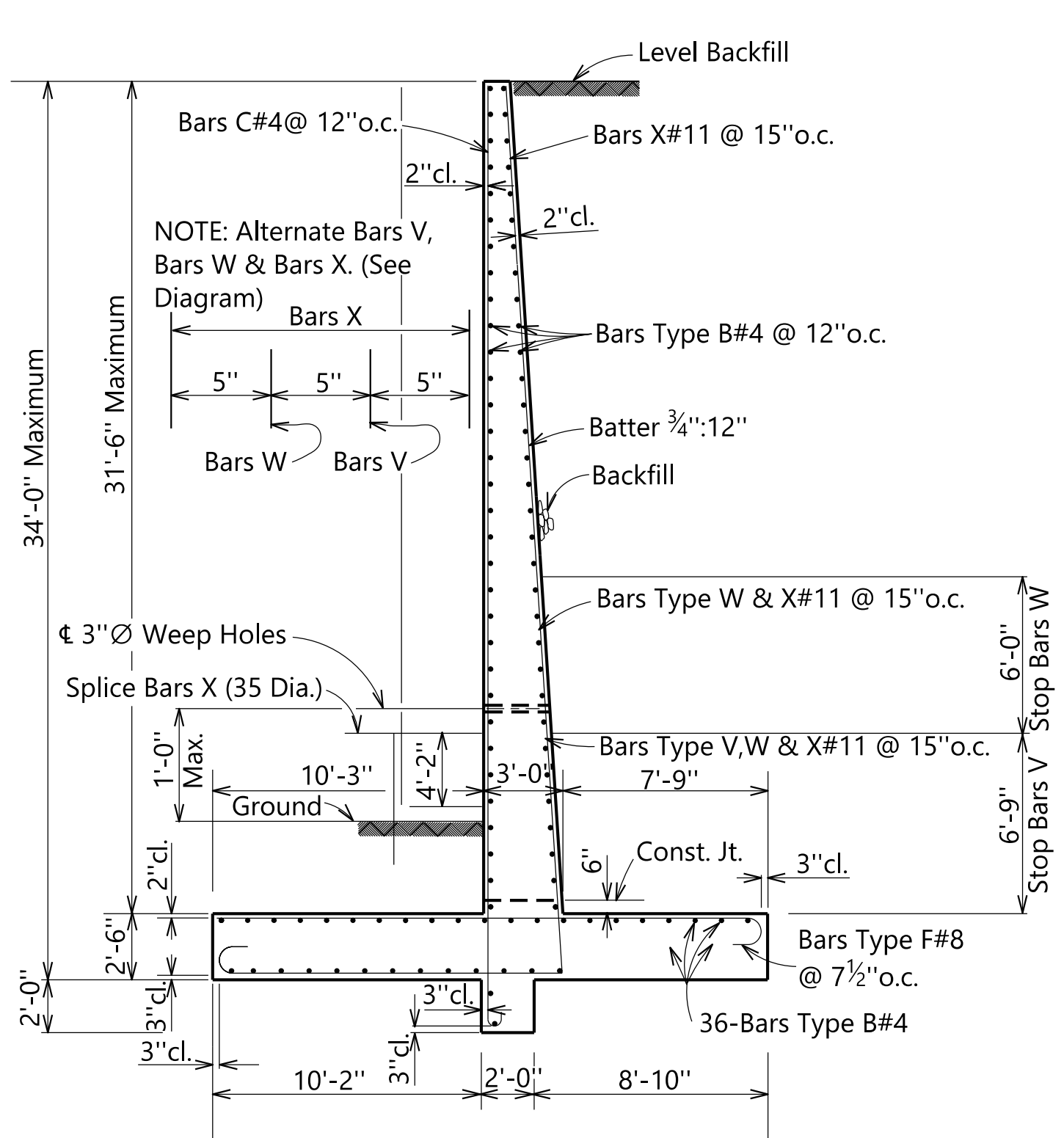
26'-0" TO 30'-0" RETAINING WALL
Scale: 3/16"=1'-0"



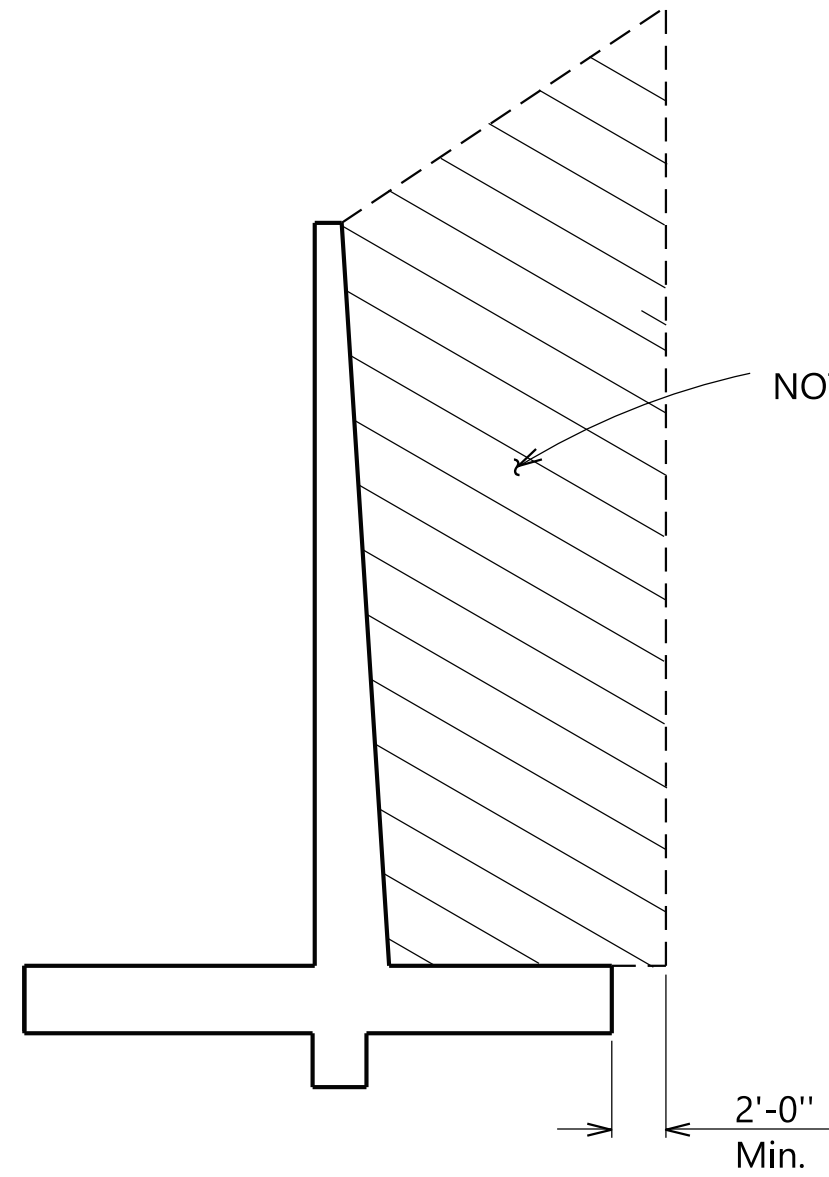
26'-0" TO 30'-0" RETAINING WALL
Scale: 3/16"=1'-0"



30'-0" TO 34'-0" RETAINING WALL
Scale: 3/16"=1'-0"



30'-0" TO 34'-0" RETAINING WALL
Scale: 3/16"=1'-0"



**TYPICAL BACKFILL FOR
RETAINING WALLS ON SHEET 4 OF 4**
No Scale

NOTE: The Retaining Walls On Sheet 4 Of 4
Were Designed Based on A Granulated
Backfill With Particles Having A
Maximum Size Of 10" And With Fewer
Than 10% Passing A #200 Sieve.
The Bridge Bureau Will Supply A
Specially Designed Retaining Wall
For Backfill Materials Not Meeting
These Requirements.

NOTE: The Retaining Wall Designs On Sheets 2 Thru 4 Are Based On
A 3000 psf Minimum Allowable Soil Bearing Pressure.