

TYPICAL DETAIL OF WEEP HOLES & CONSTRUCTION JOINT

(WEEP HOLES MAY BE USED IF WALL IS FROM 2FT TO 4FT. PROPER BACKFILL OF AGGREGATE, SAND, AND IMPERVIOUS FILLS AS SHOWN IN PUD-3-2 SHOULD STILL BE USED. IF ONLY SMALL SECTION OF WALL IS BELOW 4FT, USE PUD-3-2.)

ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.

ALL EXPOSED CONCRETE EDGES SHALL HAVE A 3/4" CHAMFER.

ALL CONCRETE SHALL BE CLASS A CONCRETE.

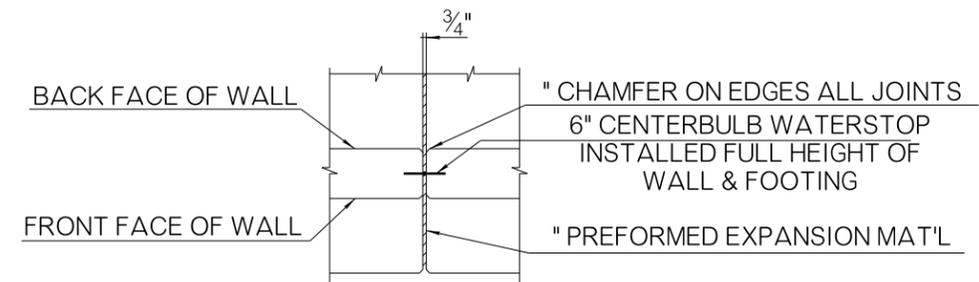
ALL REINFORCEMENT SHALL BE GRADE 60 DEFORMED BARS.

VARIATION IN HEIGHT OF RETAINING WALL SHALL BE OBTAINED IN 12" STEPS.

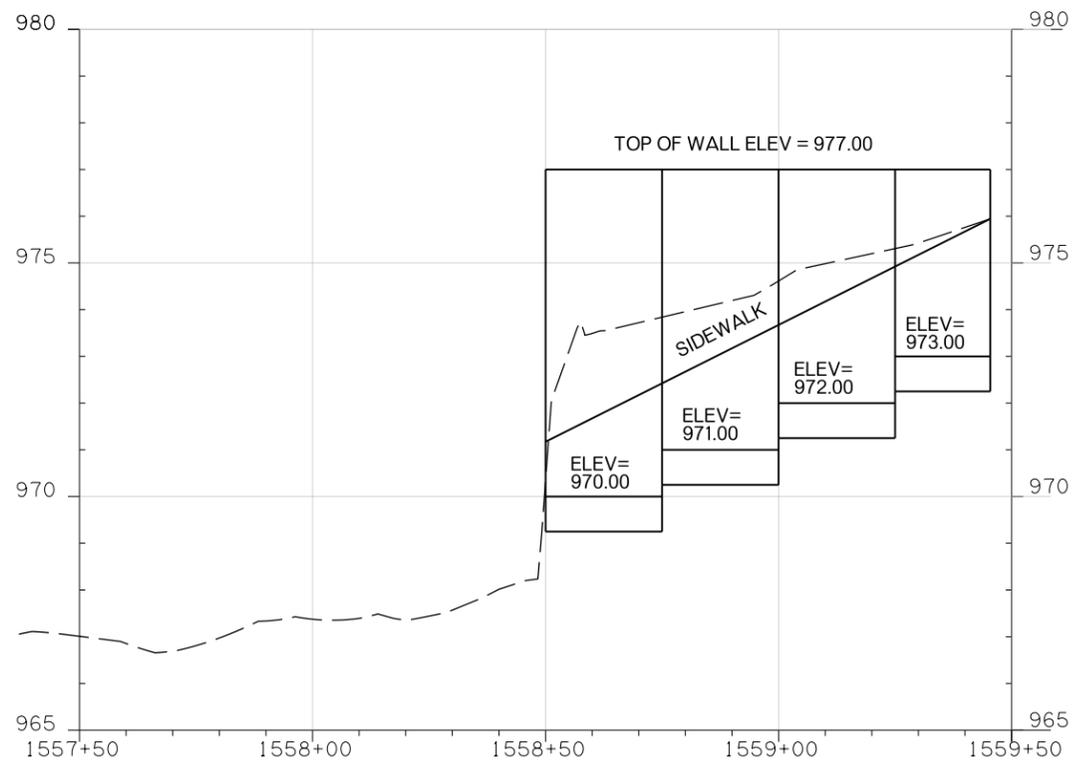
PLACE 6" PIPE UNDERDRAIN BACK OF RETAINING WALLS AS SHOWN IN THE STANDARD PUD-3-2. PROVIDE LOCATION OF UNDERDRAINS TO DRAIN TO IN THE PLANS (I.E., GRADE TO DRAIN, DRAIN TO DRAINAGE PIPES, ETC.)

IF CONCRETE IS PLACED OR EXISTING IN FRONT OF WALL, PREFORMED EXPANSION MATERIAL SHALL BE PLACED BETWEEN THE SURFACES.

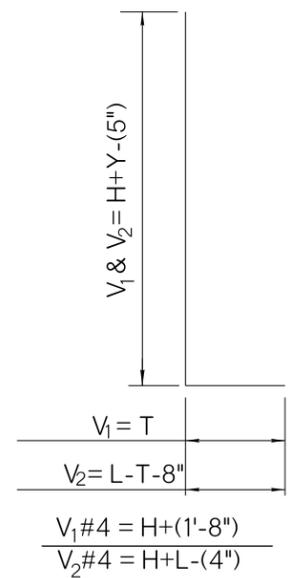
IF WALL VARIES IN HEIGHT, THE WALL SHALL STEP DOWN OR UP IN ONE (1) FOOT INCREMENTS.



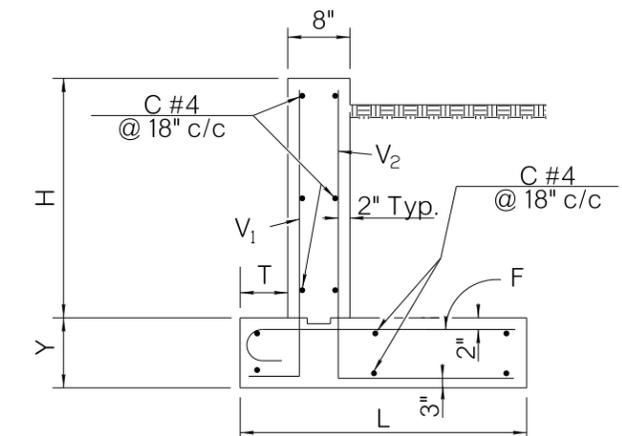
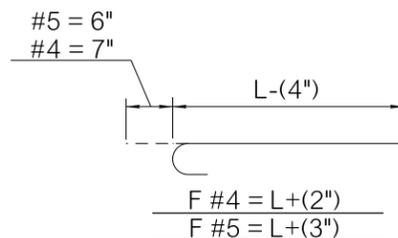
DETAIL OF EXPANSION JOINT
PLACE JOINTS AT 30FT MAXIMUM INTERVALS.



**PROFILE OF RETAINING WALL #1
(ALONG SIDEWALK WEST OF 1ST STREET)**



A LAP SPLICE IS ALLOWED IN THE VERTICAL LEG OF THE V BARS IF DESIRED. IF A LAP IS USED, A MINIMUM OF 2'-6" SHALL BE PROJECTED ABOVE THE CONSTRUCTION JOINT. THE MINIMUM LAP WITH THE BAR SHALL BE 2'-0" OR A MECHANICAL SPLICE ACCORDING TO THE 2009 ODOT STANDARD SPECIFICATIONS.



H	Y	T	L	F BAR SIZE SPC	C BAR NO. REQ'D	V1 BAR SIZE SPC	V2 BAR SIZE SPC
2'-0"	9"	0'-8"	3'-1"	#4 @ 12"	12	#4 @ 12"	#4 @ 12"
3'-0"	9"	0'-10"	3'-9"	#4 @ 12"	14	#4 @ 12"	#4 @ 12"
4'-0"	9"	1'-0"	4'-6"	#4 @ 12"	16	#4 @ 12"	#4 @ 12"
5'-0"	9"	1'-2"	5'-3"	#4 @ 12"	20	#4 @ 12"	#4 @ 12"
6'-0"	9"	1'-4"	6'-1"	#4 @ 12"	20	#4 @ 12"	#4 @ 6"
7'-0"	9"	1'-6"	6'-10"	#4 @ 6"	24	#4 @ 12"	#4 @ 6"
8'-0"	9"	1'-8"	7'-8"	#4 @ 6"	26	#4 @ 12"	#5 @ 6"
9'-0"	12"	1'-10"	8'-6"	#5 @ 6"	28	#4 @ 12"	#6 @ 6"
10'-0"	12"	2'-0"	9'-4"	#5 @ 6"	30	#4 @ 12"	#6 @ 6"