Variable heel (Minimum Toe), 1.5 TO 1 Slope

CV Wall	CVW15-14	CVW15-20	CVW15-28	CVW15-34	CVW15-40	CVW15-48	CVW15-54	CVW15-60	CVW15-68	CVW15-74
TYPE	*I*	*I*	*I*	*I*	*I*	*I*	*II*	*II*	*II*	*II*
Height -h	1'-4"	2-0'	2-8"	3'-4'	4'-0'	4'-8'	5'-4'	6-0'	6'-8'	7'-4'
Slope	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1	1.5:1
Block-t1	6"	6"	6"	8"	8"	8"	8"	8"	8"	8"
Stem Block							12"	12"	12"	12"
Heel	0-8"	0-9'	0-11"	1'-0'	1'-3'	2-1"	1'-9'	2-0'	2-4'	1'-7"
Toe	0-4"	0-8"	0-10"	0-11"	1'-2'	1'-2'	1'-8'	1'-11"	2-3'	2-7'
Vert Bar-A				#4@24"	#4@24"	#4@16"	#4@24"	#4@24"	#4@16'	#4@24"
40 dia Lap				20'	20'	20'	20'	20'	20'	20'
Horiz Bars	#3@16'	#3@16'	#3@16'	#3@16'	#3@16'	#3@16'	#3@16'	#3@16'	#3@16'	#3@16'
Lower Bar-B	#3@24"	#3@24'	#3@24'	#4@24'	#4@24'	#5@16'	#4@24"	#4@24'	#4@16'	#4@24"
Min. Height of 12" Stem Wall							2-0'	2-8'	2-8'	4'-0'
Stem Bar-C							#4@16'	#5@16'	#5@8'	#8@8"
Stem Horiz Bars							#4@16'	#4@16'	#4@16'	#4@16'
Top Bar-D							#4@16'	#5@16'	#5@16'	#6@16'
Footing Width-W	1'-6"	1'-11"	2-3'	2-7"	3'-1"	3'-11"	4'-5'	4'-11"	5'-7'	6'-3'
Footing Horiz Bars	3-#4	3-#4	3-#4	4-#4	4-#4	5-#4	5-#4	6-#4	7-#4	7-#4
Key to Toe		0-8"	0-10"	0-11"	1'-2'	1'-2'	1'-8'	1'-11"	2-3'	2-7"
Key (w by d)	None	6" by 6"	12" by 8"	12" by 11"	12" by 15"	12" by 17"	12" by 21"	12" by 25"	12" by 29"	12" by 32"
Key Reinf							#4@16"	#4@16"	#4@16"	#4@16"

Variable heel (Minimum Toe), Level, 250 PSF Vehicular Surcharge

CV Wall	CVW250-14	CVW250-20	CVW250-28	CVW250-34	CVW250-40	CVW250-48	CVW250-54	CVW250-60	CVW250-68	CVW250-74
TYPE	*I*	*I*	*I*	*I*	*I*	*I*	*II*	*II*	*II*	*II*
Height -h	1'-4"	2-0'	2-8"	3'-4'	4'-0'	4'-8'	5'-4'	6-0'	6'-8'	7'-4'
Slope/Surcharge	Level / 250	Level / 250	Level / 250	Level / 250	Level / 250	Level / 250	Level / 250	Level / 250	Level / 250	Level / 250
Block-t1	6"	6"	6"	8"	8'	8"	8'	8"	8'	8'
Stem Block							12"	12'	12'	12'
Heel	0-9'	1'-0'	1'-0'	1'-0'	1'-9'	1'-6'	1'-9'	1'-6'	2'-3'	2-0'
Toe	0-3"	0-6"	0-9"	1'-0'	1'-0'	1'-6'	1'-6'	2-0'	2-0'	2-6"
Vert Bar-A				#4@24'	#4@24'	#4@24'	#4@24"	#4@24'	#4@24'	#4@24"
40 dia Lap				20'	20'	20'	20'	20'	20'	25'
Horiz Bars	#3@16'	#3@16'	#3@16'	#3@16'	#3@16'	#3@16'	#3@16'	#3@16'	#3@16'	#3@16'
Lower Bar-B	#3@24"	#3@24'	#4@16'	#4@24'	#5@16'	#5@8'	#4@24'	#4@16'	#4@24'	#5@16'
Min. Height of 12" Stem Wall							2-0'	2-8'	3-4'	4'-0'
Stem Bar-C							#4@16'	#5@16'	#6@8'	#8@8"
Stem Horiz Bars							#4@16'	#4@16'	#4@16'	#4@16'
Top Bar-D						#4@16'	#4@12'	#4@12'	#4@12'	#4@12'
Footing Width-W	1'-6"	2-0'	2-3'	2-8'	3'-5'	3-8'	4-3'	4-6'	5-3'	5-6'
Footing Horiz Bars	3-#4	3-#4	3-#4	4-#4	4-#4	5-#4	5-#4	6-#4	7-#4	7-#4
Key to Toe	0-6"	0-10'	1'-0'	1'-3'	1'-2'	1'-6"	1'-11"	2-3'	2-3'	2-9'
Key (w by d)	6" by 3'	8" by 5'	8" by 8'	12" by 11"	12" by 11"	12" by 15"	12" by 17"	12" by 21"	12" by 21"	12" by 25"
Key Reinf							#4@16"	#4@16'	#4@16'	#4@16'

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CITY OF CHULA VISTA
PUBLIC WORKS DEPARTMENT

TABLE FOR VARIABLE HEEL
1.5 TO 1 SLOPE & 250 PSF
VEHICULAR SURCHARGE

CVCS
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