Variable heel (Minimum Toe), Level Backfill

CV Wall	CVVL-14	CVVL-20	CVVL-28	CVVL-34	CVVL-40	CVVL-48	CVVL-54	CVVL-60	CVVL-68	CVVL-74	CVVL-80
TYPE	*I*	*I*	*I*	*I*	*I*	*I*	*I*	*I*	*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"	8'-0"
Slope	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level	Level
Block-t1	6"	6"	6"	6"	8"	8"	8"	8"	8"	8"	8"
Stem Block									12"	12"	12"
Heel	0'-4"	0'-6"	0'-7"	0'-9"	0'-10"	1'-1"	1'-3"	1'-2"	1'-7"	1'-10"	2'-1"
Toe	0'-3"	0'-5"	0'-6"	0'-8"	0'-9"	1'-0"	1'-2"	1'-5"	1'-6"	1'-9"	2'-0"
Vert Bar-A				#3@24"	#4@24"	#4@24"	#4@24"	#4@24"	#4@24"	#4@24"	#4@24"
40 dia Lap				15"	20"	20"	20"	20"	20"	20"	20"
Horiz Bars	#3@16"	#3@16"	#3@16"	#3@16"	#3@16"	#3@16"	#3@16"	#4@16"	#4@16"	#4@16"	#4@16"
Lower Bar-B	#3@24"	#3@24"	#3@24"	#3@24"	#4@24"	#4@24"	#4@16"	#5@8"	#4@24"	#4@24"	#4@16"
Min. Height of 12" Stem Wall									2'-8"	2'-8"	3'-4"
Stem Bar-C									#5@24"	#5@16"	#5@8"
Stem Horiz Bars								#4@16"	#4@16"	#4@16"	#4@16"
Top Bar-D								#4@16"	#4@16"	#4@16"	#4@12"
Footing Width-W	1'-1"	1'-5"	1'-7"	1'-11"	2'-3"	2'-9"	3'-1"	3'-7"	4'-1"	4'-7"	5'-1"
Footing Horiz Bars	2-#4	2-#4	3-#4	3-#4	3-#4	4-#4	4-#4	5-#4	5-#4	6-#4	6-#4
Key to Toe				0'-8"	1'-0"	1'-3"	1'-5"	1'-8"	1'-6"	1'-9"	2'-0"
Key (w by d)	None	None	None	6" by 4"	6" by 6"	8" by 8"	12" by 10"	12" by 12"	12" by 13"	12" by 15"	12" by 18"
Key Reinf											#4@16"

Variable heel (Minimum Toe), 2 to 1 Slope

CV Wall	CVV20-14	CVV20-20	CVV20-28	CVV20-34	CVV20-40	CVV20-48	CVV20-54	CVV20-60	CVV20-68	CVV20-74	CVV20-80
TYPE	*I*	*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"	8'-0"
Slope	2.0:1	2.0:1	2.0:1	2.0:1	2.0:1	2.0:1	2.0:1	2.0:1	2.0:1	2.0:1	2.0:1
Block-t1	6"	6"	6"	8"	8"	8"	8"	8"	8"	8"	8"
Stem Block								12"	12"	12"	12"
Heel	0'-8"	0'-6"	0'-8"	1'-2"	1'-4"	1'-1"	1'-10"	2'-9"	2'-6"	2'-6"	2'-6"
Toe	0'-2"	0'-6"	0'-8"	0'-8"	1'-0"	1'-6"	1'-6"	1'-6"	2'-0"	2'-6"	3'-0"
Vert Bar-A				#4@24"	#4@24"	#4@24"	#5@16"	#4@24"	#4@24"	#4@24"	#4@24"
40 dia Lap				20"	20"	20"	25"	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"	#3@16"
Lower Bar-B	#3@24"	#3@24"	#3@24"	#4@24"	#4@24"	#4@16"	#5@8"	#4@24"	#4@24"	#4@24"	#4@16"
Min. Height of 12" Stem Wall								2'-8"	3'-4"	3'-4"	4'-0"
Stem Bar-C								#4@16"	#6@16"	#6@8"	#8@8"
Stem Horiz Bars								#4@16"	#4@16"	#4@16"	#4@16"
Top Bar-D								#4@16"	#4@12"	#5@16"	#5@12"
Footing Width-W	1'-4"	1'-6"	1'-10"	2'-6"	3'-0"	3'-3"	4'-0"	5'-3"	5'-6"	6'-0"	6'-6"
Footing Horiz Bars	3-#4	3-#4	3-#4	4-#4	4-#4	4-#4	5-#4	6-#4	7-#4	7-#4	8-#4
Key to Toe		0'-7"	1'-0"	1'-1"	1'-1"	1'-6"	2'-4"	3'-0"	2'-9"	2'-4"	2'-0"
Key (w by d)	None	6" by 4"	8" by 8"	12" by 11"	12" by 14"	12" by 18"	12" by 22"	12" by 25"	12" by 29"	12" by 33"	12" by 37"
Key Reinf						#4@16"	#4@16"	#4@16"	#4@16"	#4@16"	#4@16"

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CITY OF CHULA VISTA
PUBLIC WORKS DEPARTMENT

TABLE FOR VARIABLE HEEL
LEVEL BACKFILL AND
2 TO 1 SLOPE

CVCS
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