

**NOTES:**

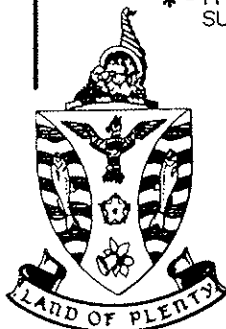
1. Alternate vertical bars may be cut at half the wall height.
2. Construction joints at 9m centers, 13mm expansion joints at 18m centers.
3. If vehicular loads near top of wall, use the dimensions for a wall 0.75 m higher. (except height)
4. Standard sidewalk handrail will be installed on top of wall where required. (see std. dwg. no. 518)
5. Typical for good soil conditions. For poor soil conditions special designs are required.

**DIMENSIONS**

**MATERIALS**

<u>h</u>	<u>a</u>	<u>b</u>	<u>c</u>	<u>Vert. bars</u>	<u>Horiz. bars</u>
1.00m	150mm	0.360m	150mm	#3 @ 375mm	4-#4
1.25m	150mm	0.500m	150mm	#3 @ 350mm	6-#4
1.50m	200mm	0.500m	200mm	#3 @ 300mm	8-#4
1.75m	200mm	0.760m	200mm	#3 @ 300mm	10-#4 or 7-#5
2.00m	250mm	0.760m	200mm	#4 @ 350mm	9-#5
* 2.25m	250mm	1.100m	200mm	#3 @ 250mm	10-#5
2.50m	250mm	1.270m	200mm	#3 @ 250mm	11-#5
2.75m	300mm	1.270m	200mm	#4 @ 300mm	14-#5 or 10-#6
3.00m	300mm	1.520m	200mm	#5 @ 300mm	11-#6
3.25m	300mm	1.830m	200mm	#6 @ 325mm	13-#6
3.50m	300mm	2.130m	200mm	#6 @ 250mm	14-#6

\* = IT IS THE RESPONSIBILITY OF THE ENGINEER TO ENSURE THAT THE WALL DESIGN IS SUITABLE FOR THE CONDITIONS INVOLVED.



**MUNICIPALITY OF CENTRAL SAANICH**

TITLE: <b>CONCRETE CANTILEVER RETAINING WALL TYPE A</b>			STD.DWG.No. <b>515</b>
Approved;	Date; JUNE 1986	Scale; N.T.S.	Rev.