



- 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>E bars</u>	<u>F bars</u>	<u>Horiz. bars</u>
1.00 m	150mm	0.406m	150mm	+	+	4 - #4
1.25 m	200mm	0.508 m	150mm	+	+	6 - #4
1.50 m	200mm	0.635 m	200mm	#3 @ 300mm	#3 @ 300mm	8 - #4
1.75 m	200mm	0.790 m	200mm	#3 @ 300mm	#3 @ 300mm	10 - #4
2.00 m	200mm	0.965 m	200mm	#3 @ 230mm	#3 @ 200mm	12 - #4
* 2.25 m	300mm	1.090 m	200mm	#3 @ 280mm	#3 @ 200mm	9 - #5
2.50 m	300mm	1.210 m	200mm	#4 @ 350mm	#4 @ 250mm	10 - #5
2.75 m	300mm	1.220m	200mm	#4 @ 350mm	#4 @ 250mm	10 - #5
3.00 m	300mm	1.400m	200mm	#4 @ 250mm	#5 @ 280mm	12 - #5
3.25 m	300mm	1.575 m	200mm	#5 @ 250mm	#6 @ 300mm	13 - #5
3.50 m	300mm	1.750 m	200mm	#6 @ 300mm	#7 @ 300mm	14 - #5

+ = REPLACE E AND F BARS WITH SINGLE #6 BAR. USE A SIMPLE BEND AND 300mm CENTERS.  
 \* = 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 B</b>		STD.DWG.No. <b>516</b>
Approved;	Date; JUNE 1986	Scale; N. T. S.
		Rev.