

# VERTICAL CABLING SYSTEM:

CUSTOMER NAME	
COMPANY NAME	
ADDRESS:	
PLEASE INCLUDE STATE & POST CODE:	

PHONE #	
PHONE # 2	
FAX #	
EMAIL:	
REFERENCE INFO:	

Please note from your entries we can calculate all of the components required for your quote. **Including: Total number of cables + Left Hand Swage studs and Swaging. All fixing components by Size & Type.**

**Bevelled Washers All Installation Accessories Freight to you.**

**PLEASE FILL OUT ALL ENTRIES INCLUDING YOUR CONTACT DETAILS.**

**A**

**B**

**C**

**C**

**D**

**E**

BAY #	LENGTH OR # OF CABLES YOU REQUIRE. For Bays with the same Length & Height enter # of In D	HEIGHT OF POST		MATERIAL TYPE FOR CONNECTION TO TOP RAIL Please see material table on next page.	THICKNESS IN mm	MATERIAL TYPE FOR BOTTOM CONNECTION	THICKNESS IN mm	TOTAL # OF IDENTICAL BAYS	ANGLE OF RAIL IN STAIR CASE FOR BEVELLED WASHERS. FOR STEEL RAIL / FLAT BAR & STEEL PLATE.
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									

## INSTALLATION ACCESSORIES AVAILABLE:

PLEASE ENTER THE QUANTITY YOU REQUIRE:



CABLE TENSION SPANNER SET.

TWIN CUT COUNTER BORE BIT.

PHILLIPS HEAD DRIVER BIT.

QTY =

QTY =

QTY =

## SPECIAL NOTES:

PLEASE RETURN YOUR WORKSHEET TO:

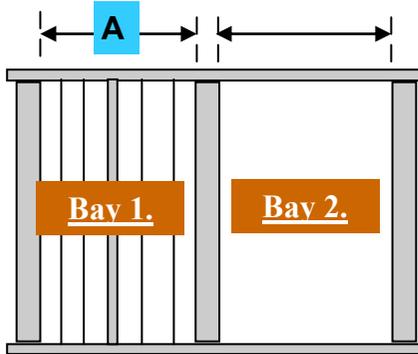
**STAINLESS CABLING SYSTEMS  
UNIT 8 / 28-32 LEE HOLM RD  
ST MARYS N.S.W 2760  
PHONE: 02 9833 4033  
EMAIL: sales@stainlesscabbling.com.au**

# Vertical Cabling Systems.

## How to measure up.

Please note the following steps will help guide you through the entries required in the worksheet.

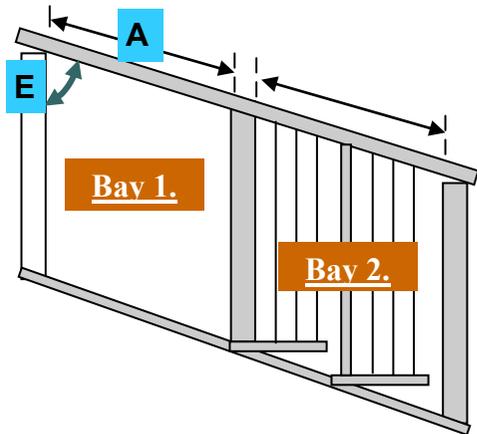
### Measuring Length.



Measure the Length between posts in each bay. If all Bays are Identical for any given side you need only tell us the common length by the number of Bays in that side section.  
From this we can Calculate how many Cables are required per Bay. Bay 1 in sample shows Cables plus stay post. Stay posts need to be applied every 900mm under Building Code.

### For Stairs.

#### Measuring Length.



Please enter Stair Runs for each side required.

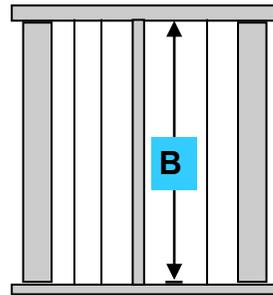
Please measure the Length in each Bay in a stair case the same way as Step 1. Bay 2 in sample shows Cables plus stay post. Stay posts need to be applied every 900mm under Building Code.

**E** Angle in Degrees.

When connecting cables to steel Hand Rails in a stair case please make a note of the angle of the handrail for bevelled washers to be made.

### For Inside Face to Face .

#### Measuring Height.

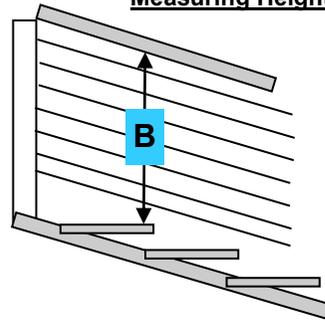


### For Bays.

Height of the post as measured from the Floor (or Top of Bottom rail if applied) to the underside of the Hand Rail.

### For Stairs.

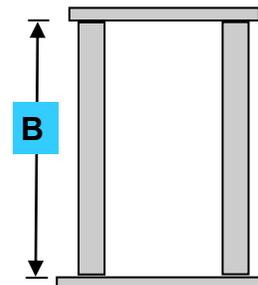
#### Measuring Height.



Height of the post as measured from the Nose of the stair tread (or Top of Bottom rail if applied) to the underside of the Hand Rail.

### For Steel Plate Or Flat Bar.

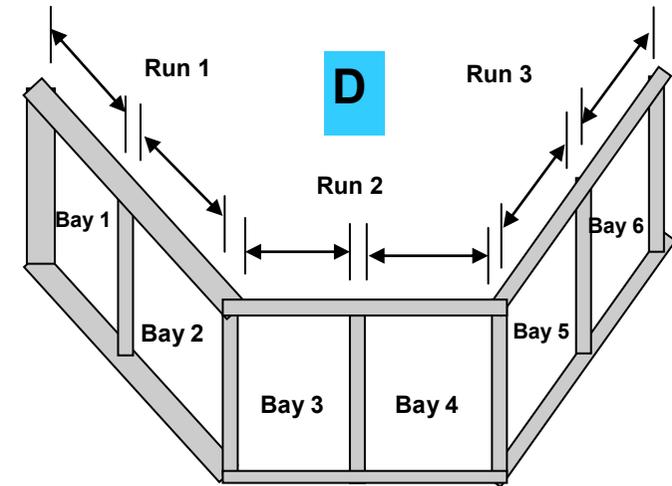
#### Measuring Height.



Height of the post as measured from the Floor (or Top of Bottom rail if applied) to the bottom of Handrail if you are using Steel Flat Bar and need to connect from the top.

### Please repeat steps for measuring the Length of Individual Bays in all sides (Runs).

If all Bays are Identical for any given side (Run) you need only tell us the common length by the number of Bays in that side section. This entry is made in Column D



Please make a note of the material type you are connecting to.  
le Timber Hardwood or softwood + Thickness  
Hollow steel + Wall thickness.  
This information will assist in quoting the correct attachments to be supplied.

HARDWOOD	<b>A</b>	STEEL PLATE	<b>F</b>
SOFTWOOD	<b>B</b>	HOLLOW BRICK	<b>G</b>
TIMBER LOG	<b>C</b>	SOLID BRICK	<b>H</b>
TIMBER STUD WALL	<b>D</b>	CONCRETE	<b>I</b>
HOLLOW STEEL POSTS	<b>E</b>	OTHER (USE NOTES)	<b>J</b>

# VERTICAL CABLING SYSTEMS:

## SAMPLE INSTALLATIONS.

### > Cable System Components

YOU CAN FIX TO TIMBER / STEEL / CONCRETE OR BRICK SURFACES OR ANY COMBINATION OF.

Stainless Cabling kits can be manufactured to suit any combination of the materials shown utilising our Timber Screw Spigot & Steel Post Spigot.



**Timber Screw Spigots** connect to the inside face of the following materials.

Our 12 gauge timber screw spigots are available in different lengths to suit the following materials.

Timber Posts.  
Hardwood or Softwood

Timber Logs.  
Hardwood or Softwood

Timber Stud Walls

Hollow Brick Solid Brick or Concrete



**Steel Post Spigots** are seated inside Hollow Steel Posts or The Outside face of Flat Bar and Steel Plate.

Our steel post spigots are designed to suit the following materials.

Hollow Square or Round Steel Posts

Flat Bar or Steel Plate

## COMPONENT REQUIREMENTS.

In instances where you are required to meet the National Construction Code (Building Code) Of Australia for Balustrades and Handrails.

To implement a Stainless cabling system using Cable of type 3.2mm with a Lay of 1 x 19 we consider the following:

1/ Lock off Devices need to be incorporated to prevent loosening of the cabling system.

We use a Swage Stud Terminal with a nut to lock in the Swage stud terminal to the Spigot when final tension has been achieved.

2/ Our Swage stud fittings are Hydraulically Swaged to cables to retain maximum connection strength with the cable.

**SWAGING** is the process where we **connect** the Cable to the swage stud terminal. This process is done in our factory and therefore creates a final Cable Construction ready for installation at your site.



All of the components in our Cabling Kits are made from High Grade 316 Stainless Steel. Using 316 Stainless Steel Materials ensures the following:

- Strength and Durability
- Retains its Lustre
- Meets Australian Standards and Building Code Requirements.

## HOW WE CALCULATE THE NUMBER OF CABLES REQUIRED.

In instances where you are required to meet the National Construction Code (Building Code) Of Australia for Balustrades and Handrails.

To implement a Stainless cabling system using Cable of type 3.2mm with a Lay of 1 x 19 we consider the following:

1/ The top of the Hand rail needs to be at a minimum Height of 1 Meter.

2/ The height of the post is the distance from the floor to the underside of the handrail.

3/ The Length of Each Bay in any side is where we calculate the number of Cables required to meet a maximum spacing of 80mm between each cable. These bays should include Vertical Stay Posts if the opening is Greater than 900mm.

## YOUR QUOTE.

By considering all of the requirements as outlined in the Building Code you can be assured that Stainless Cabling Systems will take great care when reviewing the information you forward in this form.

Your quote will include all necessary components for installation of a STAINLESS CABLING SYSTEM.

Once you have received your quote take the opportunity to review the information is accurate. You can follow up by contacting us if you have any questions.

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