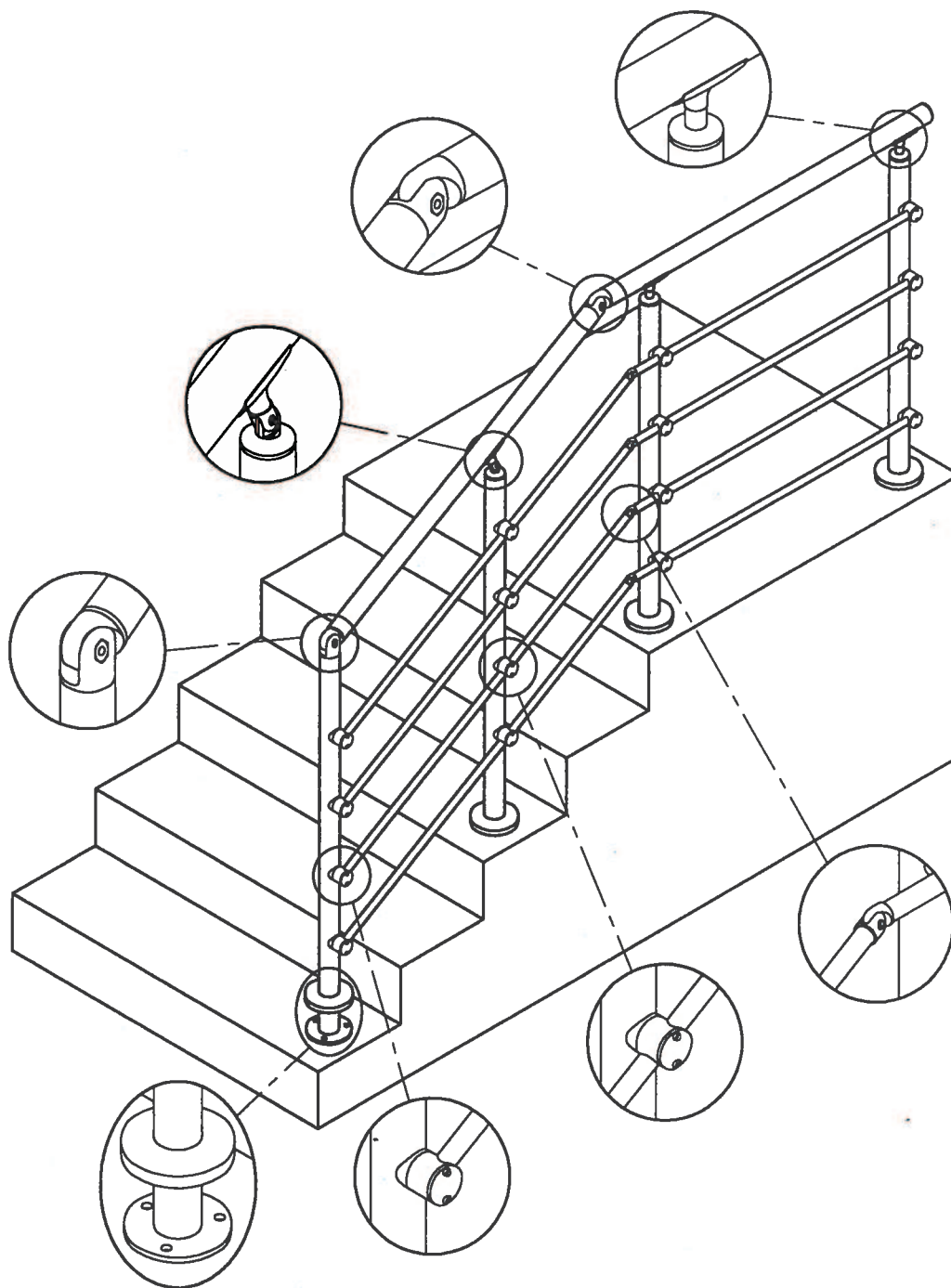


WHAT ARE YOU
WAITING FOR?



DO IT YOURSELF!

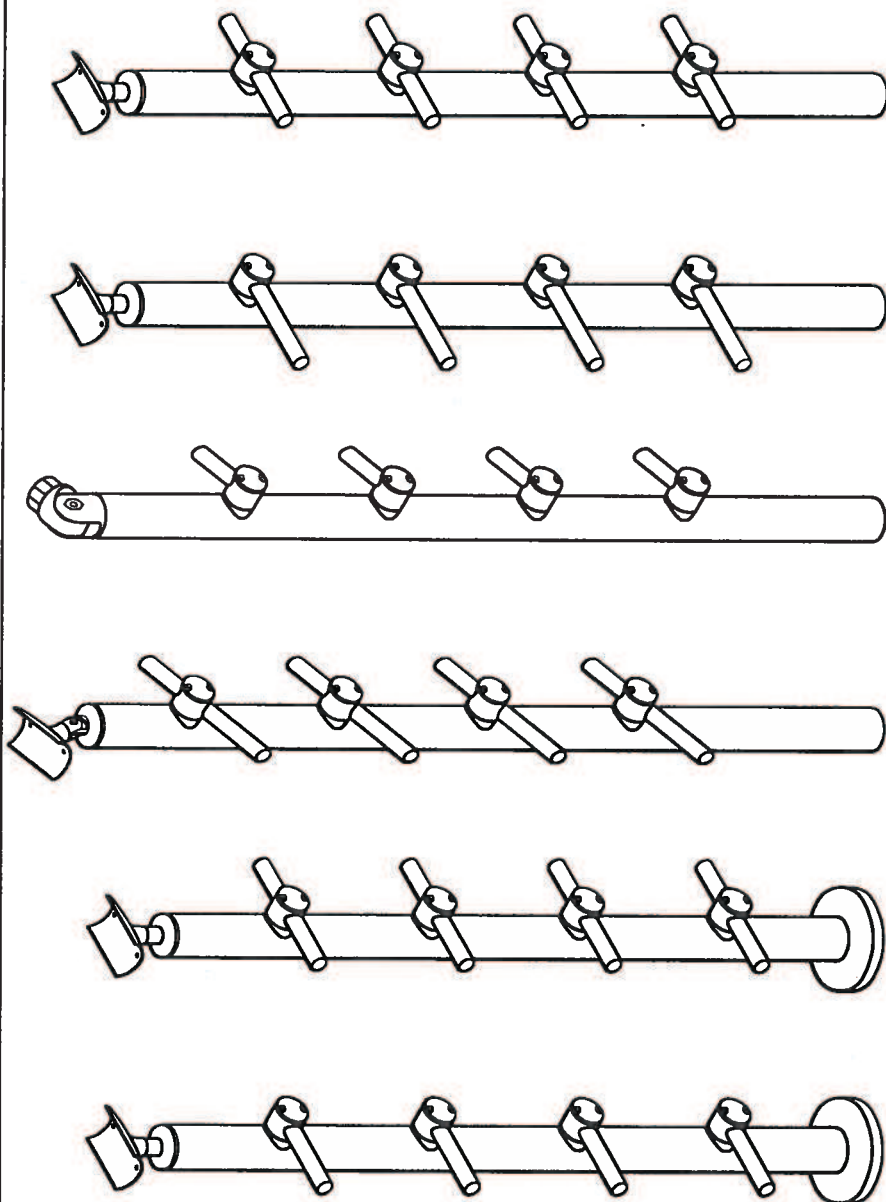
PLEASE NOTE **

THE STANCHIONS YOU SEE ARE OF THE **D.I.Y,**
4-RAIL SYSTEM.

THE SHORT PIECES OF RAILS IN THE STANCHIONS
ILLUSTRATE THE TYPE OF STANCHIONS THEY ARE.
(IE: START/END OR INTERMEDIATE). THEY ARE NOT
INCLUSIVE. RAILS ARE SOLD SEPERATELY TO THE
ITEMS ILLUSTRATED.

ITEMS, **A & B** HAVE THEIR BASE PLATES
WELDED TO THE STANCHION.

ITEMS, **C, D, E & F** SLIDE OVER ITEMS,
J OR K TO FORM A SLEEVED JOIN.



A



M

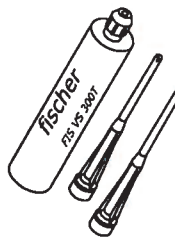


V

B



N



W

C



O

D



P

E



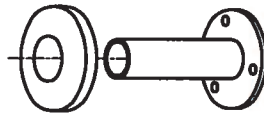
Q

F



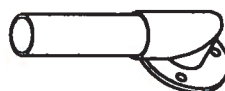
R

J



S

K



T

L



U

ALUWELD	Name: D.I.Y
	ITEM PRICE
	REFERENCE SHEET
	ITEM
	IDENTIFICATION
Scale:	1:10
Date:	N/A



CHEMICAL ADHESIVE &
ANCHOR STUD V & W



SIDE MOUNT BRACKET K



HINGE M & N



CORNER & BEND L & O



ADJUSTABLE BASE &
COVER PLATE J & U



ACCESSORY EXTRAS ASSORTMENT J - W



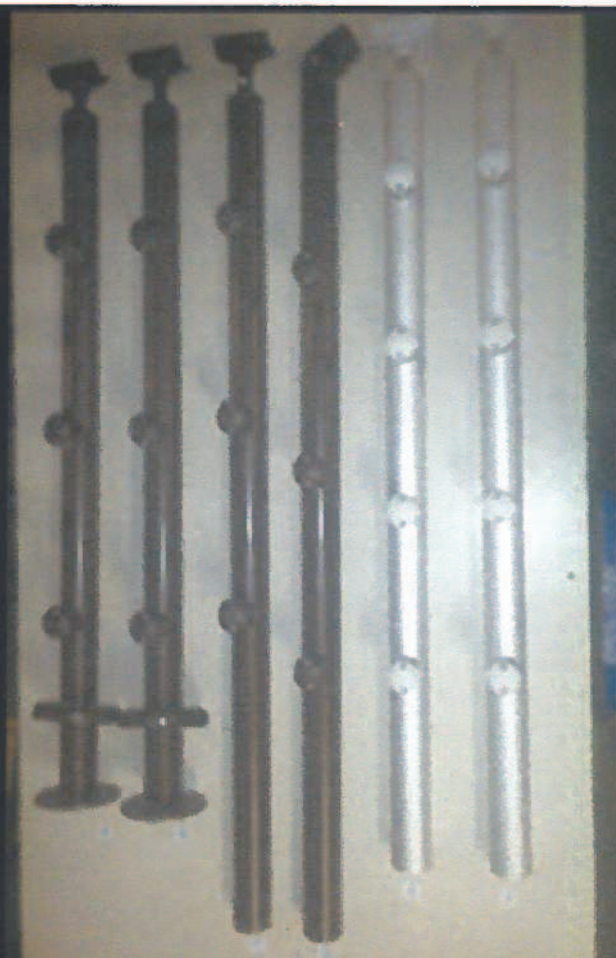
HANDRAIL BRACKET T



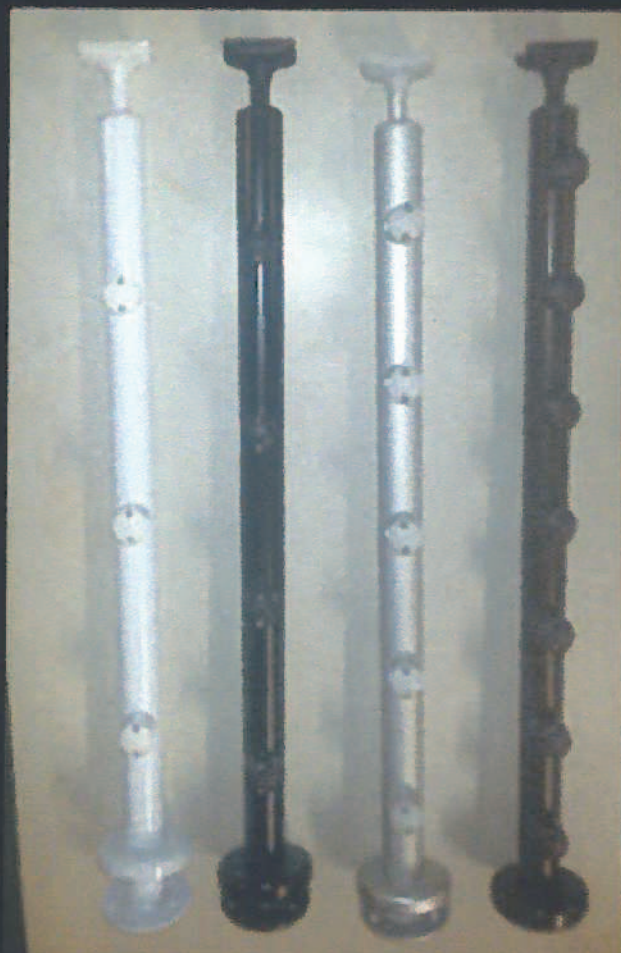
END STOP & WALL BRACKET P & Q



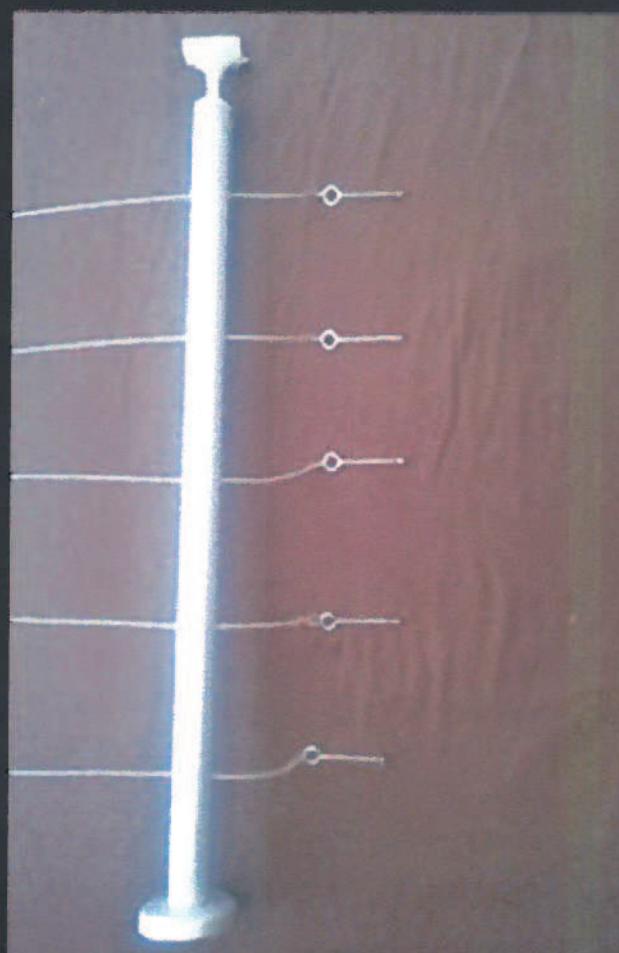
Suspended glass stanchions



STANCHIONS A,B, C, D, E, F



LANDING STANCHIONS FOR 3 OR 4
OR 5 OR 7 INTERMEDIATE



STANCHIONS FOR STAINLESS

100mm Gaps between
Ø8mm Droppers

Ø50mm tube

Ø19mm tube

Ø8mm tube

754.07

Ground
Level

TOP MOUNT OR SIDE MOUNT

Left View

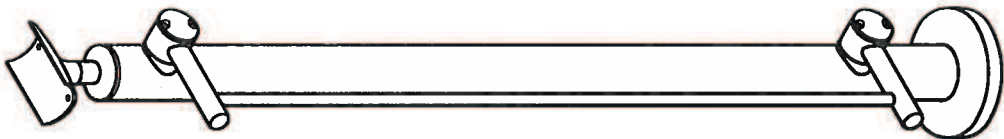
Left View
With Side Mount

Front View

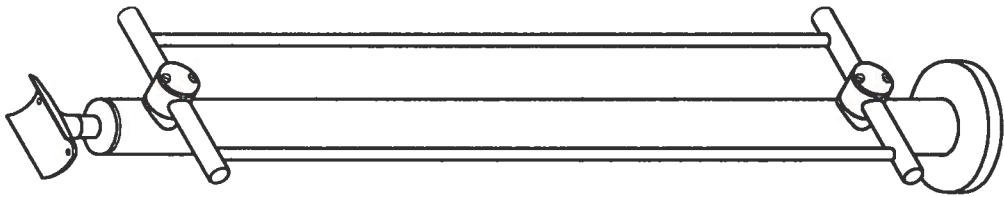
D.I.Y Vertical Dropper Balustrade



Name:	D.I.Y Vertical Dropper Balustrade
Scale:	1:13
Date:	29/11/2011
General layout	



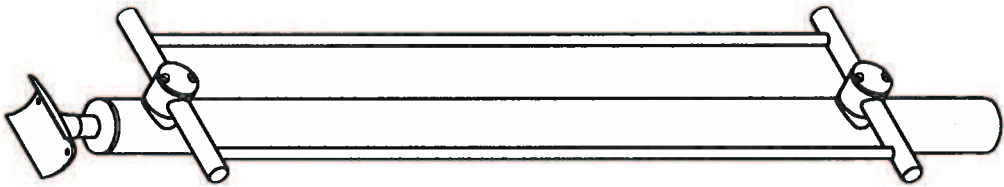
A



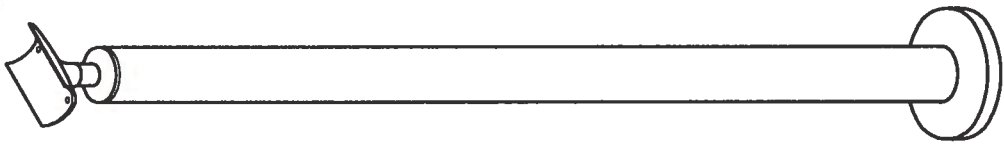
B



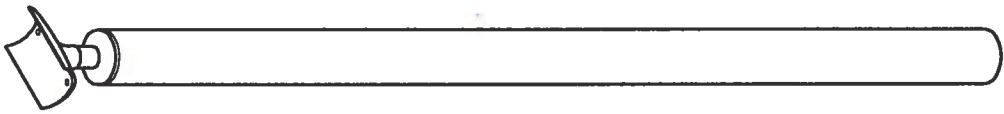
C



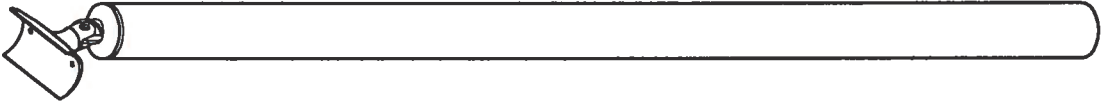
D



E



F



G



H



INTERMITTENT RAIL CLAMP



GATE ACCESSORIES, LATCH, HINGE & RAIL CLAMP



STANCHION TOPS, FIXED & HINGED



SUSPENDED GLASS CLAMPS



STAINLESS STEEL CABLE TENSIONER EYEBOLT

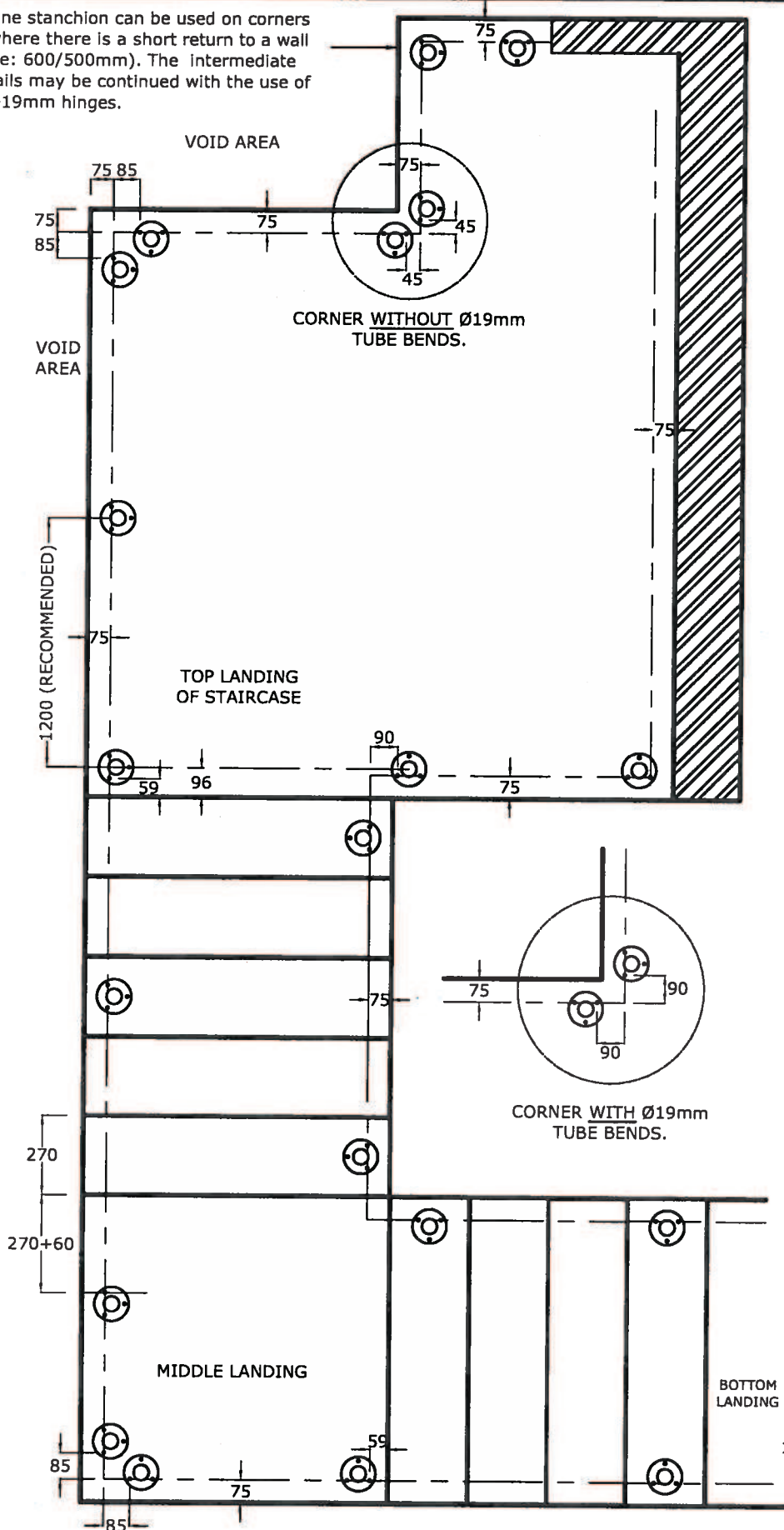
ALUWELD'S

D.I.Y HANDRAIL INSTALLATION

GUIDELINE

1. Go to a flat smooth surface area big enough to rest the entire length of the handrail on.
2. Pop Rivet the first handrail bracket on to the 50mm tube(+ - 100 - 200mm from the end of the tube to the centre of the bracket).
3. Then rest the end of the, now secured handrail bracket's, pin on the ground.
4. Position the next handrail bracket on the other end of the tube so that the end of its pin is also resting on the ground(This will ensure that the two handrail brackets are lined up (ie: Their pins are facing the same angle away from the tube)
5. Then pop rivet to secure this handrail bracket in place.
6. Now measure the distance between the two centres of these handrail brackets and divide it by the number of gaps that you will have between the brackets.
7. Mark off where the centres of each bracket must be positioned along the tube to create an even spacing between brackets.
8. Now repeat the process of resting the pins on the ground before pop riveting to ensure that all the pins are lined up with the same angle outwards away from the 50mm tube.
9. Once pop riveting has been completed, position the handrail alongside the wall and mark off where your holes are to be drilled ensure that you hold it parallel to the stairs (no higher then 1m and no less than 850 from the pitch line to the upper surface of the handrail tube).
10. After drilling is completed, vacuum/blow out the the loose dust out the holes and check that the handrail fits correctly, leaving a 50mm gap between the wall and the 50mm tube(50mm tube off cuts could be used as a spacer).
11. Squirt the chemical into all the holes and quickly insert the ends of all the pins into the holes (Don't forget the cover washer).
12. Use the excess chemical that protrudes out the holes to stick the cover washers to the wall. Then wipe away any excess chemical from around the washers.
13. Leave to dry for approx 15-20minutes without disturbing it and then its ready to be used.

One stanchion can be used on corners where there is a short return to a wall (ie: 600/500mm). The intermediate rails may be continued with the use of Ø19mm hinges.



BASIC GUIDELINES


1. DRAW **STRAIGHT LINES**, 75mm FROM THE EDGE AS SHOWN (ie: A chalk line reel can be used).
2. STAIRCASE STANCHIONS ARE TO BE PLACED CENTRE OF TREAD (Keeping inline with your straight lines as shown).
3. MARK OFF WHERE HOLES ARE TO BE DRILLED, KEEPING EQUAL SPACINGS BETWEEN STANCHION CENTRES. (Max spacing of 1.5m between centres)
4. DRILL ALL HOLES AND REMOVE LOOSE DIRT FROM THE HOLES.
5. PUT ALL THE STANCHIONS IN PLACE AND INSERT ALL THE STUDS THROUGH THE STANCHIONS AND INTO THE HOLES PRIOR TO USING THE CHEMICAL (Helps to ensure the holes line up correctly and deep enough). MAKE SURE THE NUT IS THREADED FLUSH TO THE TIP OF THE THREAD BAR BEFOREHAND.
6. ONCE ALL THE STUDS FIT CORRECTLY, SIMPLY PULL OUT EACH STUD, ONE BY ONE, AND SQUIRT THE CHEMICAL INTO THE HOLE. FILL JUST OVER $\frac{3}{4}$ OF THE HOLE, STARTING FROM THE BOTTOM (To avoid major wastage out the top & to avoid air cavities at the bottom). THEN RE-INSERT THE STUDS IMMEDIATELY WITH A CLOCKWISE TWISTING MOTION (Wipe the excess chemical before it dries).

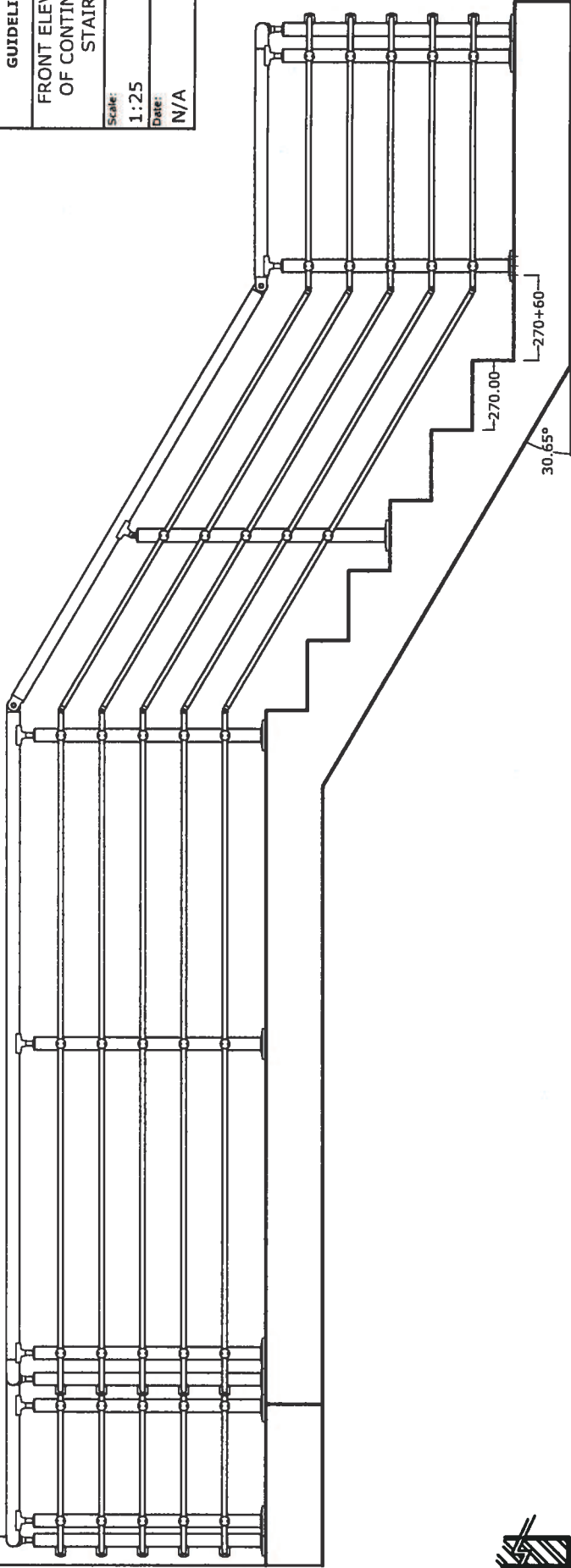
NB* ALL STUDS ARE TO BE SECURED IMMEDIATELY AFTER THE CHEMICAL HAS ENTERED THE NOZZLE, AS IT **WILL** DRY WITHIN MINUTES INSIDE THE NOZZLE. (Run a test line before beginning to ensure the chemical is mixing correctly to produce a grey paste)

7. WAIT FOR 15-30 MINUTES FOR THE CHEMICAL TO DRY, THEN TIGHTEN ALL THE NUTS.
8. CHECK IF THE STANCHIONS ARE 100% VERTICAL USING A SPIRIT LEVEL (If slightly off level, nudge it until vertical level is achieved, if its way out of level loosen the nuts and pack spacers underneath base plate).
9. USING A "MEASURE TWICE AND CUT ONCE" STRATEGY, CUT TOP RAIL TO SIZE (If unsure, rather cut a little bit longer than too short), ONCE YOU ARE HAPPY, DRILL & SECURE TOP RAIL FIRST WITH CHECKING STANCHION LEVEL BEFORE DRILLING (via 4.8x15mm aluminium pop rivets). FOLLOWED BY THE INTERMEDIATE RAILS.
10. ENSURE THAT THE CENTRE OF THE Ø19 AND Ø50 HINGES LINE UP VERTICALLY WITH THE EDGE OF THE TOP STEP. SECURE THE HINGES TO THE PIPES USING POP RIVETS UNDERNEATH OR GLUE (372 general purpose epoxy or similar)
11. STAIRCASE STANCHIONS MAY HAVE A SLIGHTLY LOOSE SLEEVED FIT OVER ITS BASE. INSULATION TAPE MAY BE USED TO BUILD UP THE Ø44.5 PIPE TO A TIGHT SLEEVED FIT. POP RIVETS MAY ALSO BE USED TO FURTHER SECURE THE BASE TO THE STANCHION (hidden below the base cover plate).

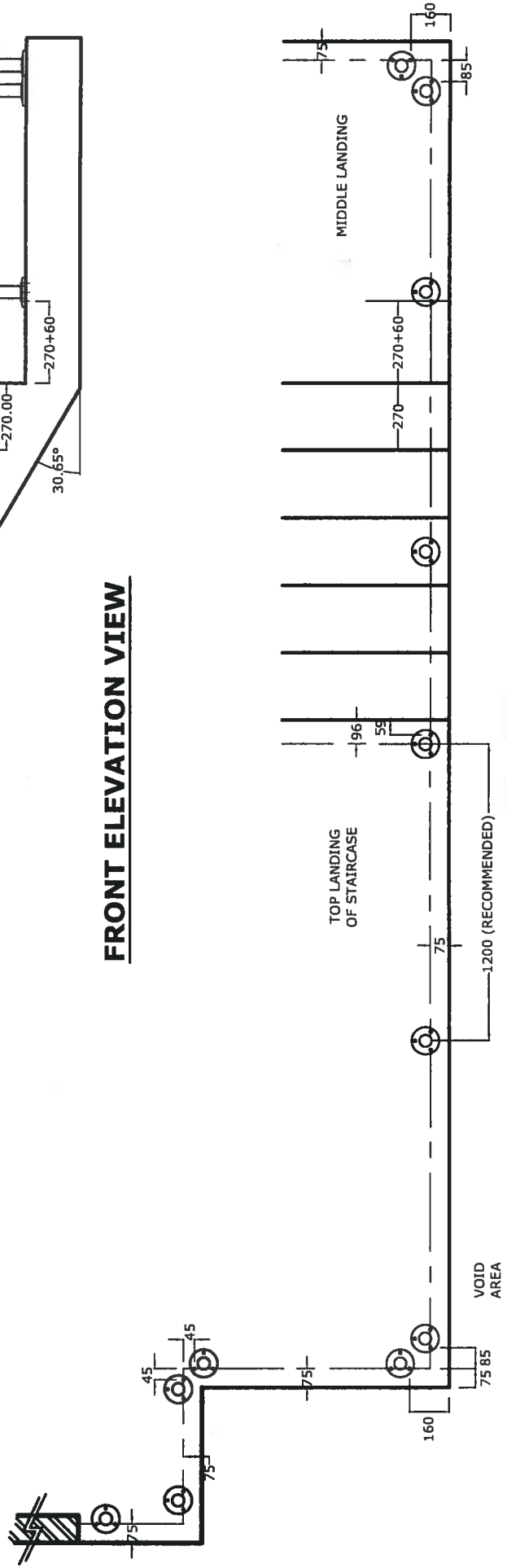
Name: D.I.Y INSTALLATION GUIDELINES	
PLAN VIEW	
Scale: NTS	Date: N/A

PLAN VIEW INSTALLATION GUIDELINES

 ALUWELD	
Name:	D.I.Y INSTALLATION GUIDELINES
FRONT ELEVATION OF CONTINUOUS STAIRS	
Scale:	1:25
Date:	N/A



FRONT ELEVATION VIEW



TOP VIEW

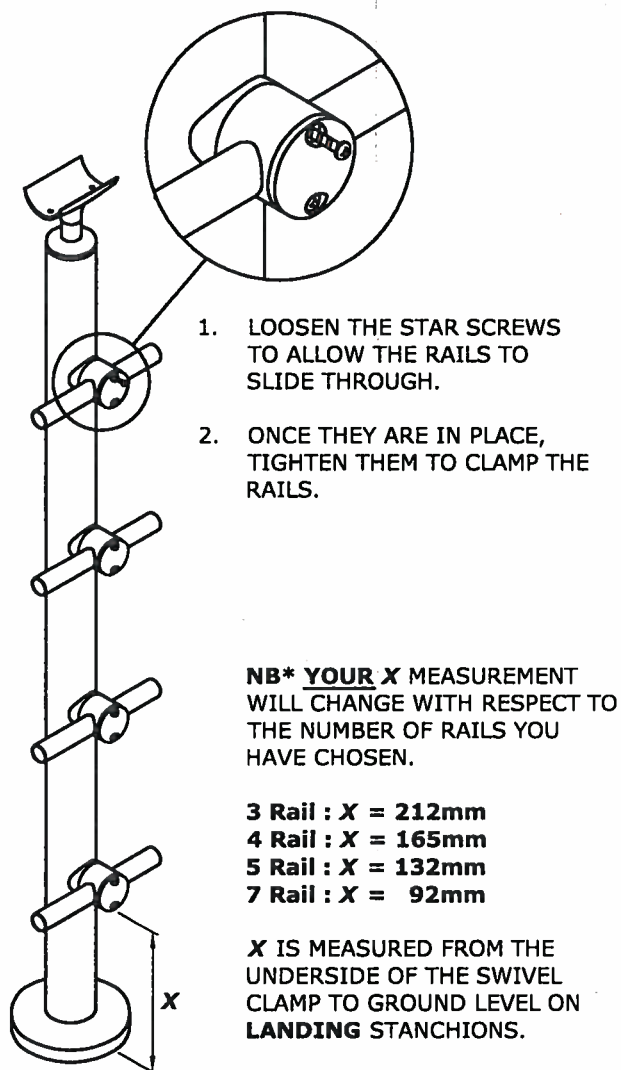


FIGURE 2.1
(LANDING STANCHION)

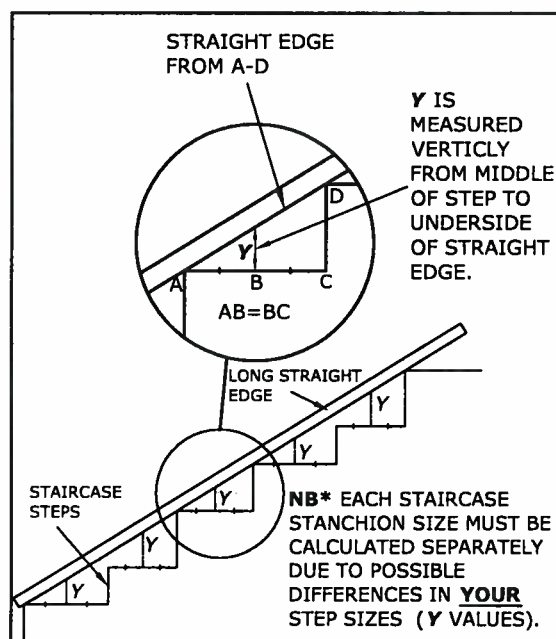


FIGURE 2.2

FIG 2.1 AND 2.2 SHOWS YOU HOW TO WORK OUT THE VALUES OF X & Y. SUBSTITUTE THESE VALUES INTO THE FORMULA GIVEN IN FIG 2.3

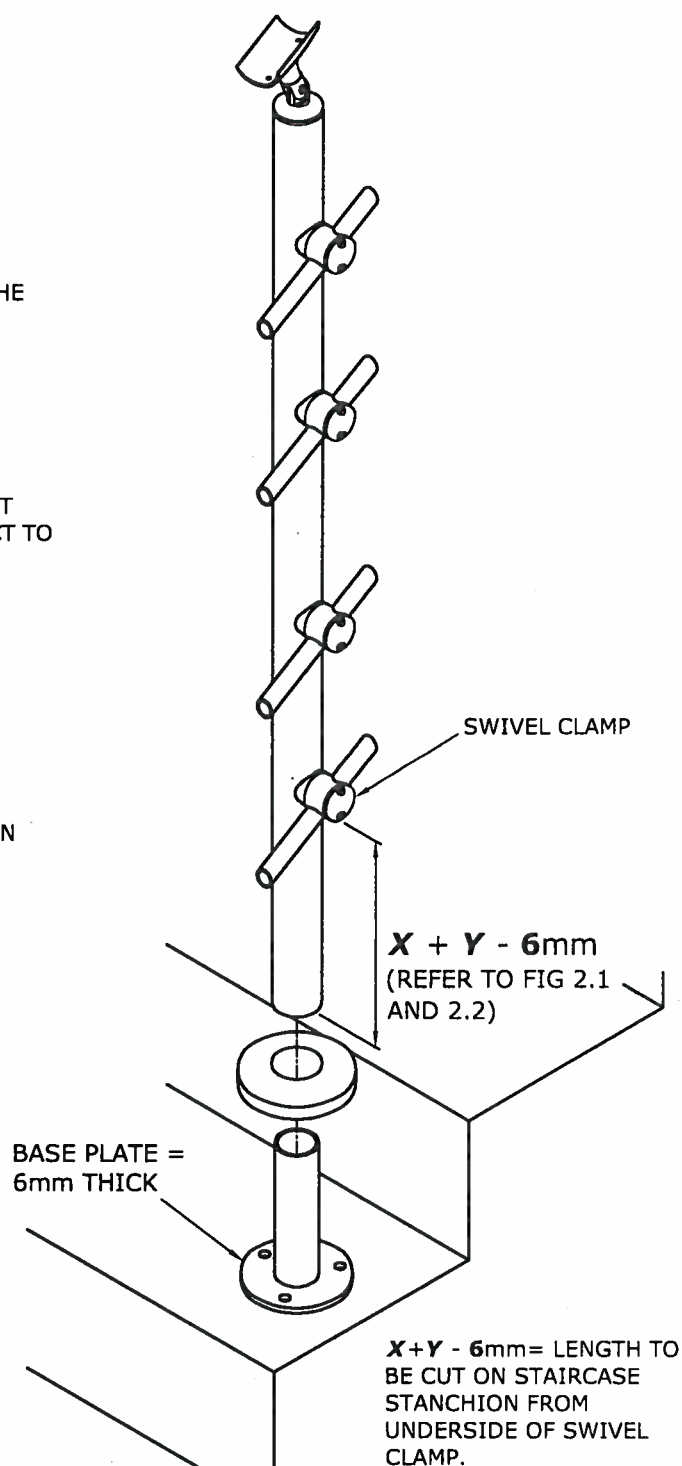


FIGURE 2.3
(STAIRCASE STANCHION)

ALUWELD	
Name	D.I.Y INSTALLATION- STAIRCASE GUIDELINE
ASSEMBLY	
Scale	NTS
Date	N/A

****PLEASE NOTE****

Sold fully assembled -
Customers only need
to trim the bottom of
the staircase
stanchion to match
their staircase angle.

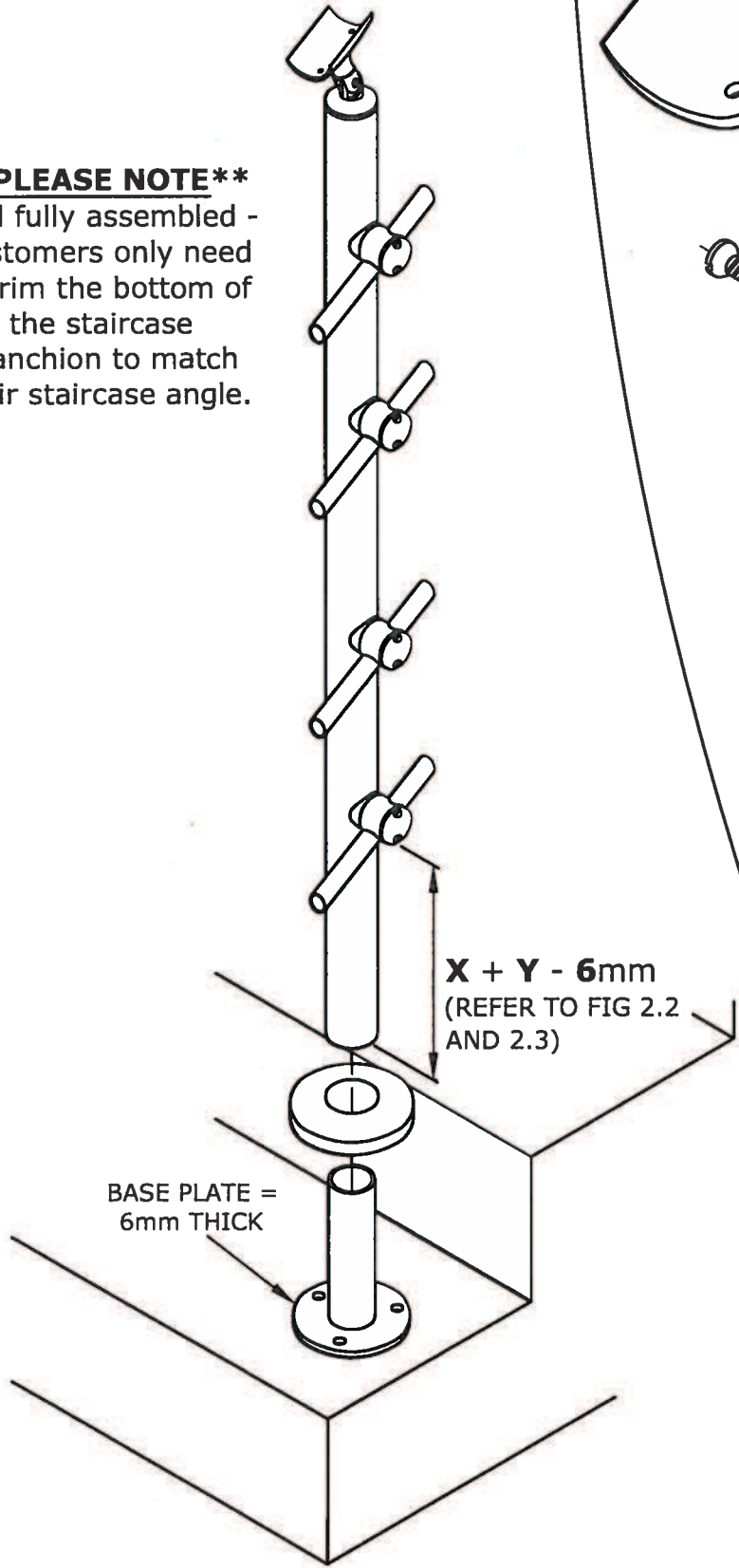
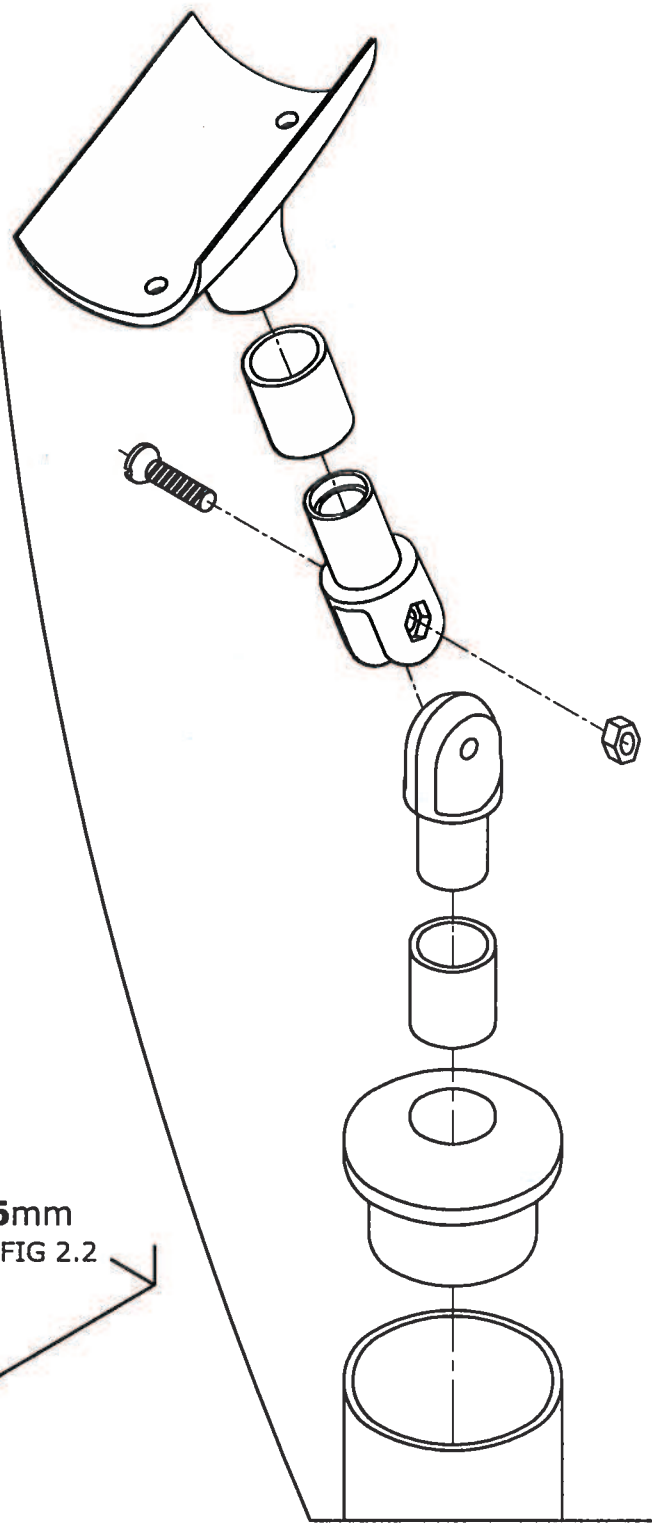


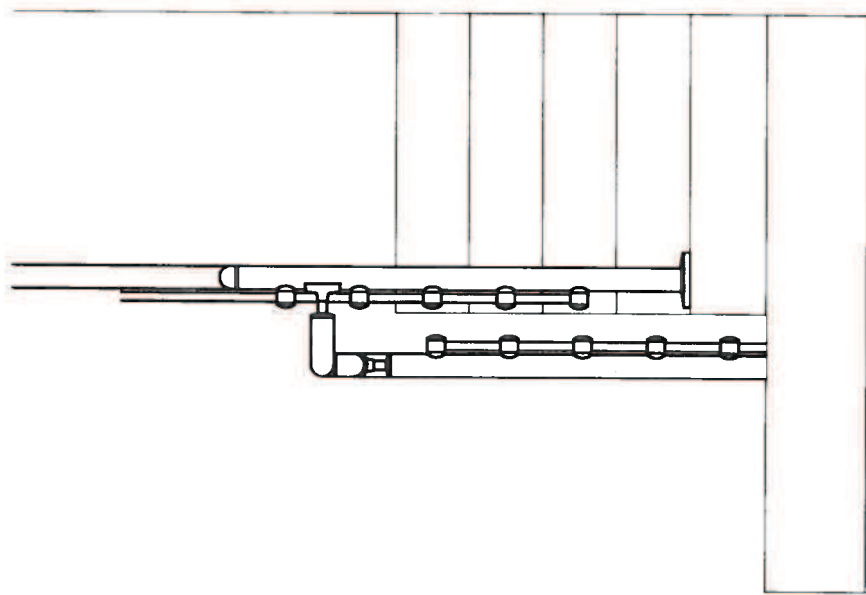


FIGURE 2.1

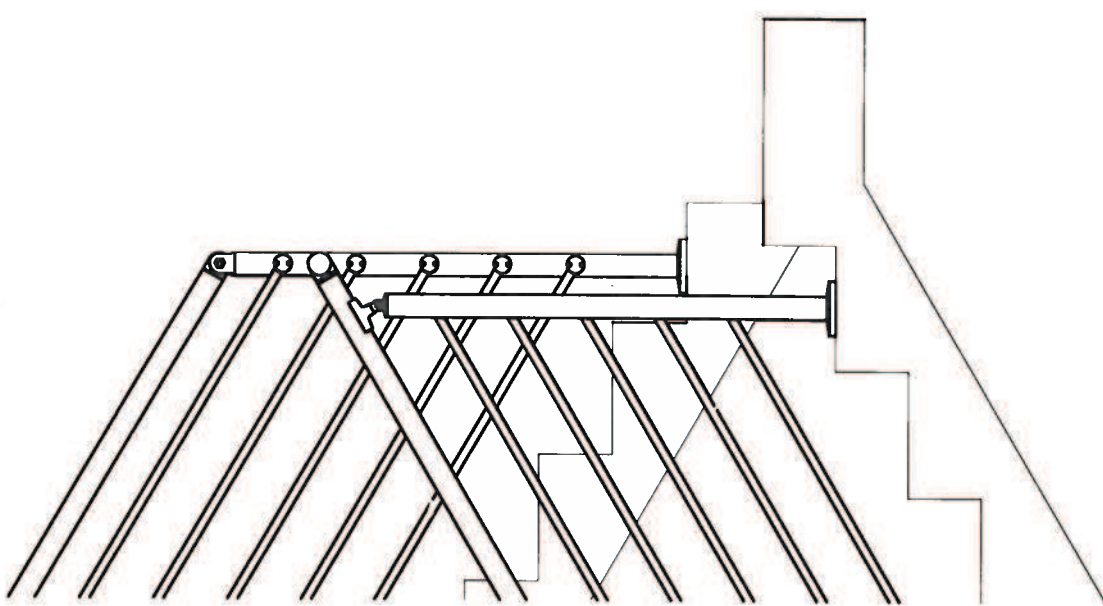


EXPLODE
VIEW
SCALE 1:2

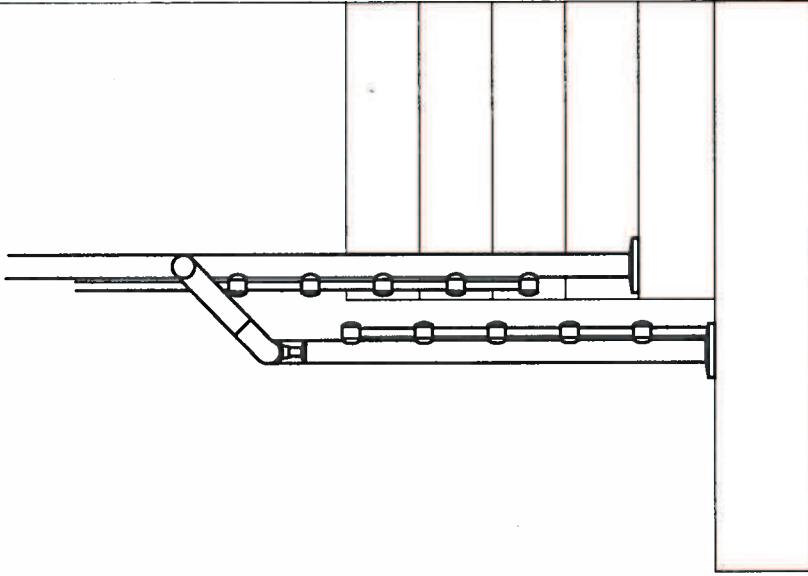
 ALUWELD 	
Name	STAIRCASE STANCHION
ASSEMBLY	
Scale	1:8
Date	N/A



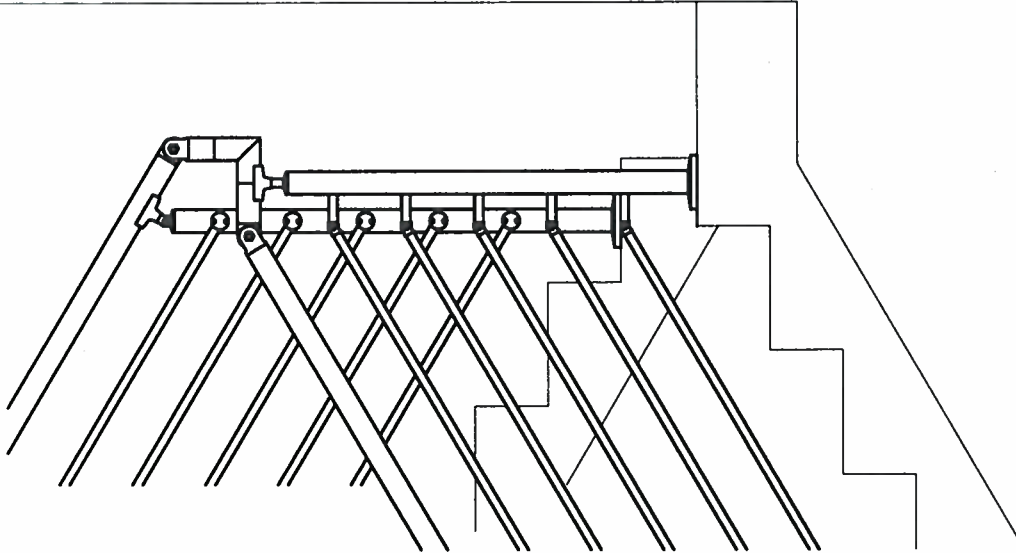
RIGHT VIEW



FRONT VIEW



RIGHT VIEW



FRONT VIEW



Name:

D.I.Y Guideline
Continuous Stairs
Layout

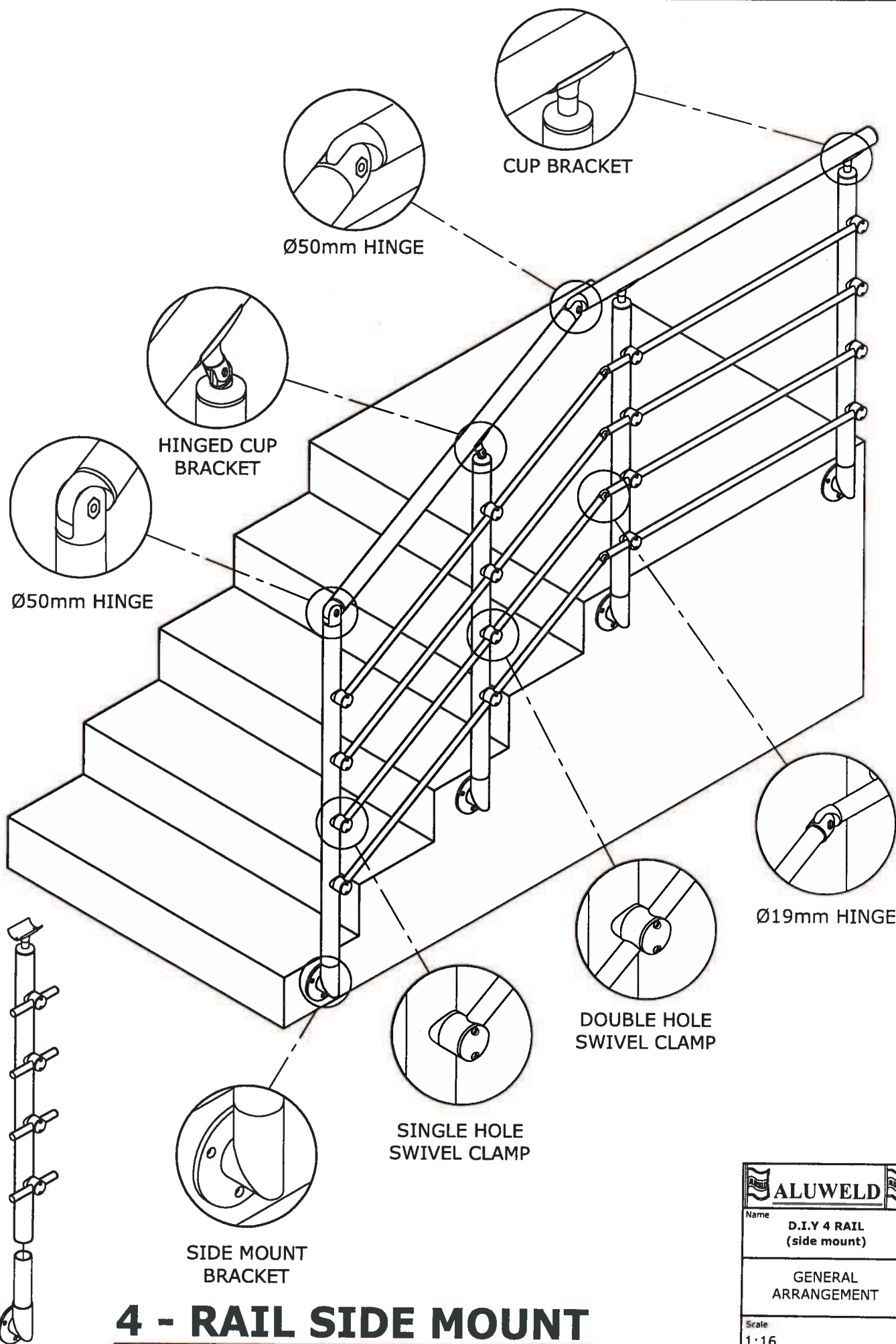
Front & Right
Elevation



Scale:

NTS

Date:

04/2012



 ALUWELD 	
Name	D.I.Y 4 RAIL (side mount)
GENERAL ARRANGEMENT	
Scale	1:16
Date	N/A

