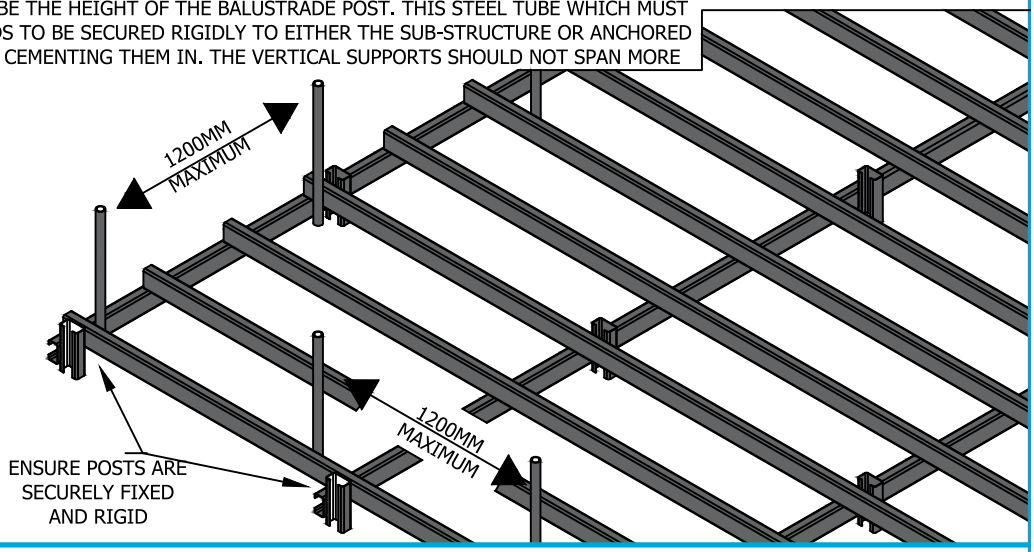
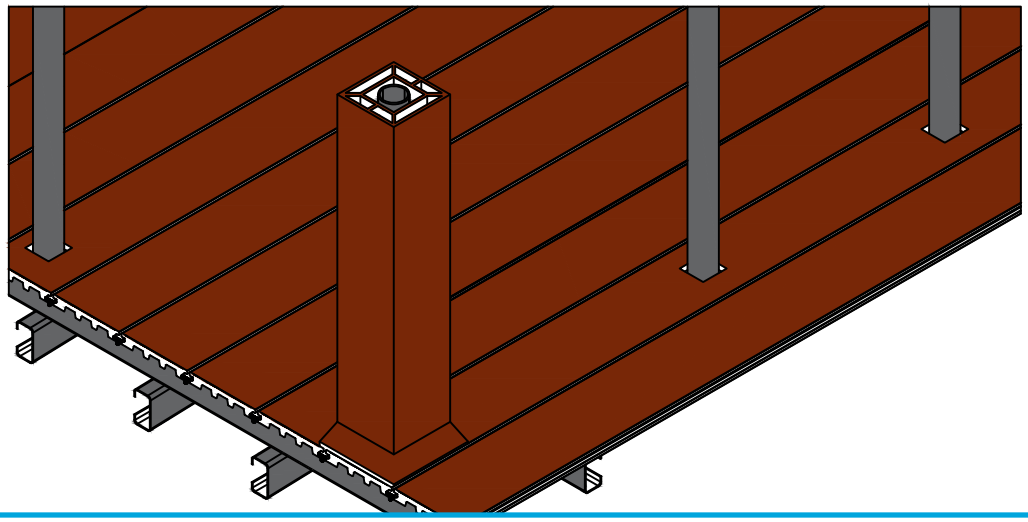
INSTALLATION INSTRUCTIONS : COMPOSITE & STAINLESS STEEL TUBE BALUSTRADE

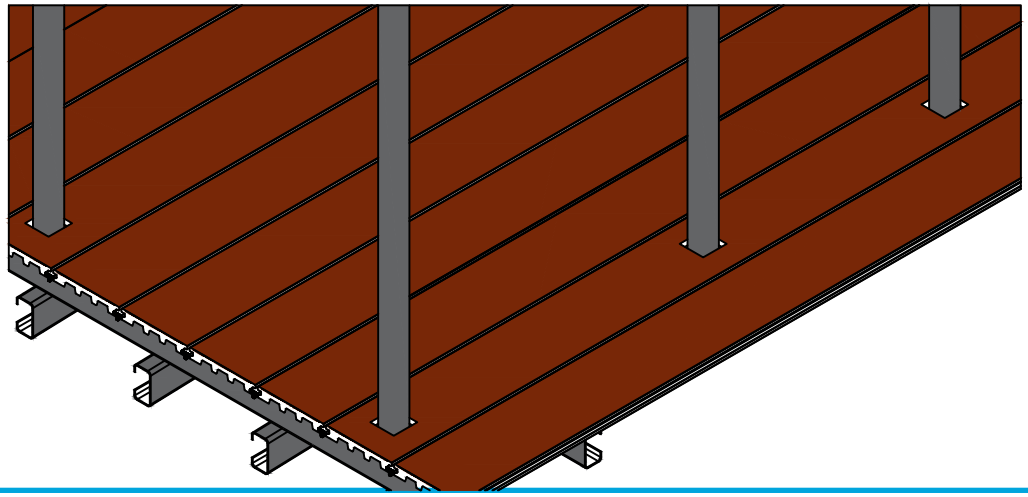
1 **FIXING YOUR BALUSTRADE POSTS** STEP 1 - BEST DECK COMPOSITE BALUSTRADE POSTS REQUIRE A 50mm ROUND TUBE. THE TUBE SHOULD BE THE HEIGHT OF THE BALUSTRADE POST. THIS STEEL TUBE WHICH MUST BE PRIMED OR GALVANIZED, NEEDS TO BE SECURED RIGIDLY TO EITHER THE SUB-STRUCTURE OR ANCHORED IN PLACE BY DIGGING HOLES AND CEMENTING THEM IN. THE VERTICAL SUPPORTS SHOULD NOT SPAN MORE THAN 1.2m APART.



2 **COMPLETING YOUR DECKING FOR POSTS.** NOW THAT YOUR POSTS ARE SECURE, COMPLETE YOUR DECKING. PLACE YOUR COMPOSITE DECKING PLANKS NORMALLY AS PER YOUR DECKING INSTALLATION GUIDE, THE ONLY DIFFERENCE IS THAT NOW YOU WILL HAVE TO CUT OUT THE HOLES ON SOME OF YOUR DECKING PLANKS FOR THE BALUSTRADE POSTS TO PROTRUDE THROUGH AS PER THE FIGURE ABOVE.



3 **FITTING YOUR POST AND POST SKIRTING.** NOW THAT YOUR STEEL POSTS FIXED INTO POSITION. TAKING THE COMPOSITE POSTS WHICH ARE CUT TO THE CORRECT HEIGHT, SLIDE THEM OVER THE SECURED ROUND TUBE. IF A POST SKIRTING IS REQUIRED, FIT AT THIS STAGE OF THE INSTALLATION.



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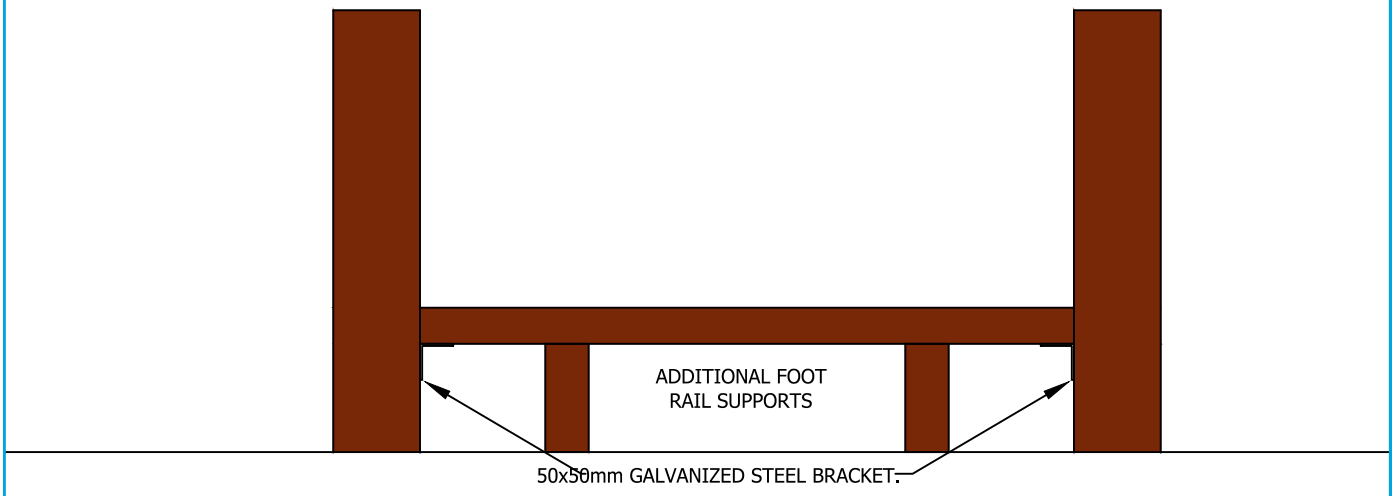
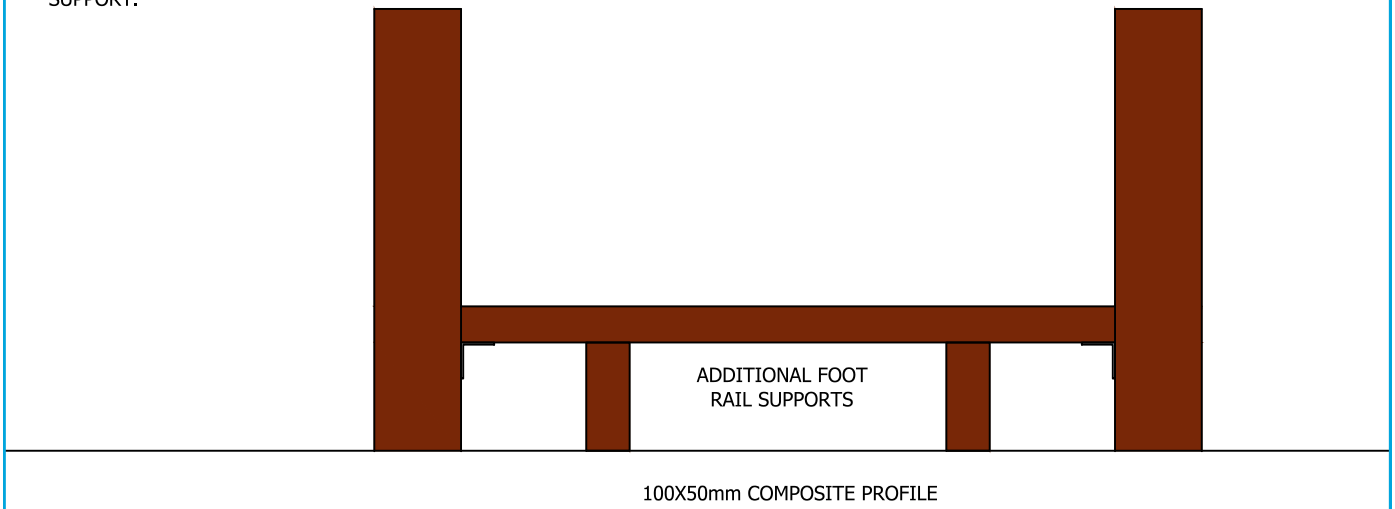
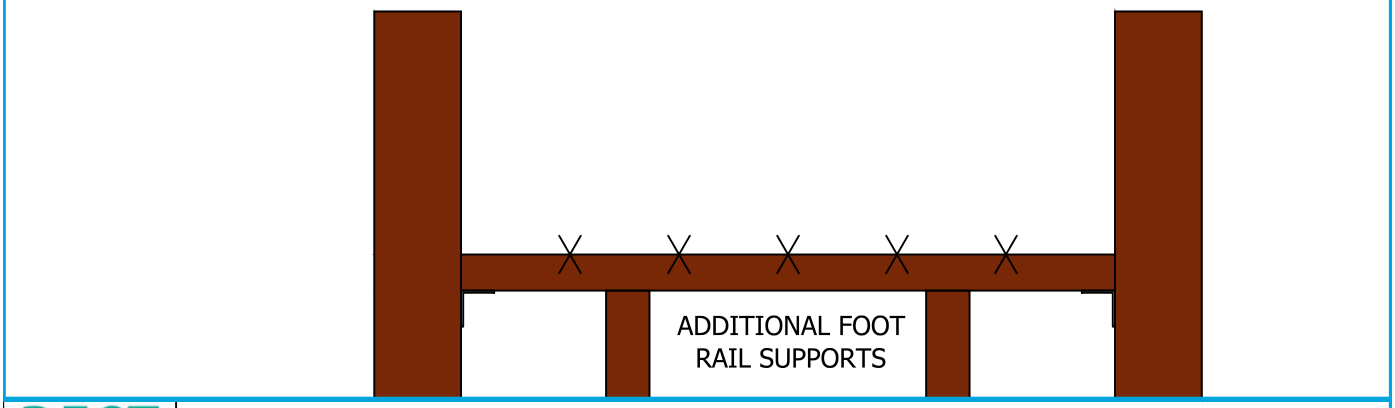
4 **FIXING THE FOOT RAIL TO THE COMPOSITE POSTS.** INSERT YOUR 100x50mm COMPOSITE MATERIAL BETWEEN THE COMPOSITE POSTS. USING A 90° GALVANIZED STEEL BRACKET, FIX THE FOOT RAIL TO THE VERTICAL POSTS. IT IS NOT NECESSARY TO INSERT A STEEL PROFILE INTO THE COMPOSITE RAIL AS THE NEXT STEP, NO.8 EXPLAINS HOW THE ADDITIONAL SUPPORTS FUNCTION.



5 **FIXING YOUR FOOT RAIL** IT IS IMPORTANT THAT YOU ADD MIDWAY SUPPORTS FOR THE FOOT RAIL. USING OFF CUTS, CUT EXACTLY THE SAME SIZE AS THE SPACE BETWEEN THE BOTTOM OF THE FOOT RAIL AND THE DECK BELOW. THIS IS DONE FOR EXTRA ADDED SUPPORT.

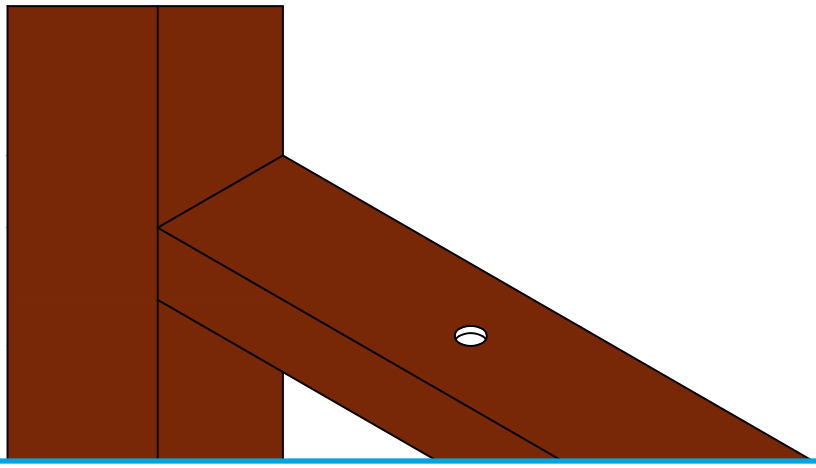


6 **MARKING OUT HOLES FOR STAINLESS STEEL TUBE.** ONCE FOOT RAIL HAS BEEN FIXED INTO POSITION, START MEASURING OUT WHERE YOU WILL BE DRILLING YOUR 19mm HOLES. THESE HOLES WILL FORM SEATING FOR YOUR STAINLESS STEEL TUBES. HOLES AND STAINLESS STEEL TUBES CAN VARY IN SIZE AS PER PERSONAL REQUIREMENTS.

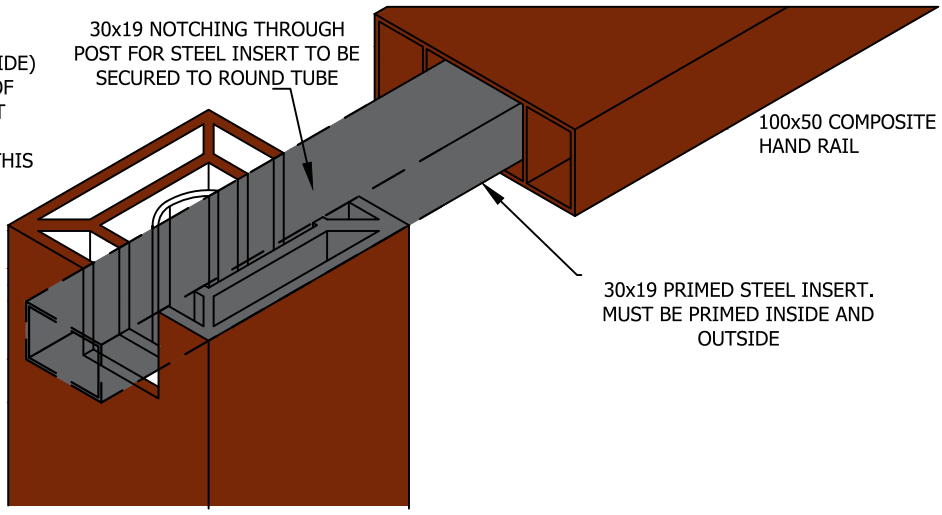


INSTALLATION INSTRUCTIONS : COMPOSITE & STAINLESS STEEL TUBE BALUSTRADE

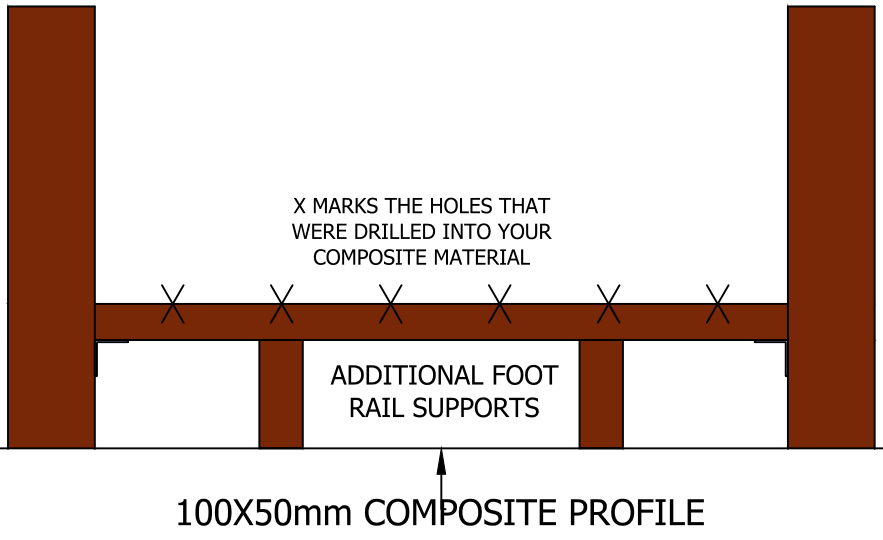
7 **DRILLING YOUR 19mm HOLES** ONCE YOU HAVE MARKED OUT AND CHECKED THAT ALL IS CORRECT, PROCEED TO DRILL YOUR 19mm HOLES.



8 **INSERTING THE HAND RAIL.** INSERT A 30x19x1.2mm PRIMED (INSIDE AND OUTSIDE) STEEL TUBE DOWN THE CENTER CAVITY OF THE COMPOSITE PROFILE. NOTCHING OUT THE COMPOSITE POST AND STEEL TUBE INSERT TO LAY THE 30x19mm TUBE ON. THIS WHAT SUPPORTS YOUR HAND RAIL.



9 **FIXING YOUR FOOT RAIL** IT IS IMPORTANT THAT YOU ADD MIDWAY SUPPORTS FOR THE FOOT RAIL. USING OFF CUTS, CUT EXACTLY THE SAME SIZE AS THE SPACE BETWEEN THE BOTTOM OF THE FOOT RAIL AND THE DECK BELOW. THIS IS DONE FOR EXTRA ADDED SUPPORT. MOUNTED WITH U-SHAPED BRACKETS



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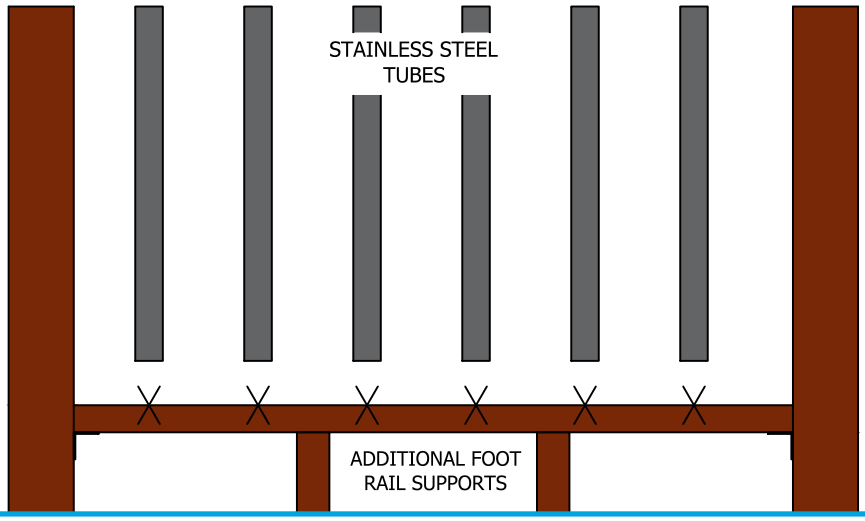
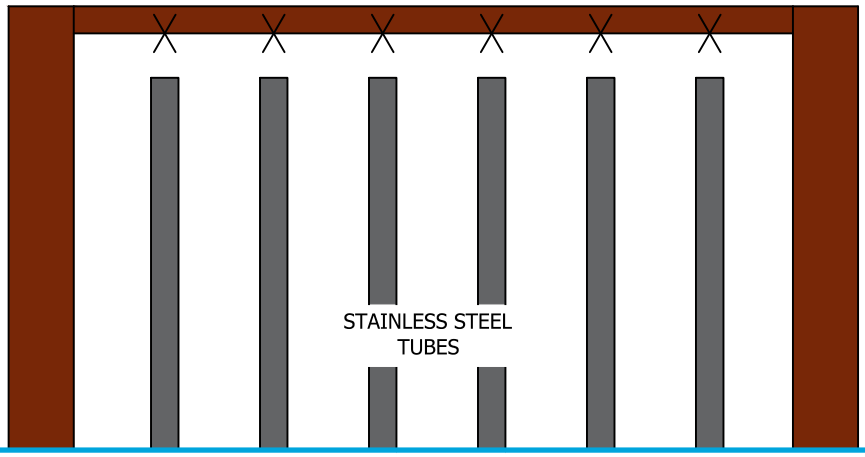
10 INSERTING THE STAINLESS STEEL TUBES.

SIMPLY DROP THE STAINLESS STEELS TUBE INTO THE HOLES THAT YOU HAVE DRILLED INTO THE FOOT RAIL.



11 INSERTING YOUR HAND RAIL OVER THE STAINLESS STEEL TUBES.

DRILLED TO THE UNDERSIDE OF YOUR HAND RAIL ARE THE HOLES FOR THE STAINLESS STEEL TUBES. WITH THE TUBES NOW IN PLACE, SIMPLY DROP THE HAND RAIL OVER THE TUBES THAT WILL SLOT INTO THE HOLES YOU HAVE DRILLED. AT THIS STAGE, ONE WOULD ALSO FIX THE 30x19 STEEL TUBE THAT RUNS THROUGH THE HAND RAIL TO THE VERTICAL POSTS AS PER DIAGRAM 8.



12 THE FINISHING TOUCH

ENSURE ALL COMPOSITE SECTIONS HAVE BEEN INSTALL ACCORDING TO THIS SPECIFICATION.