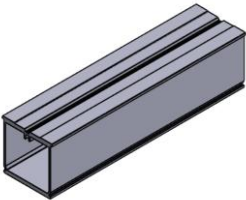
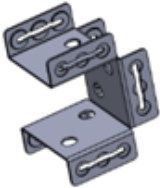
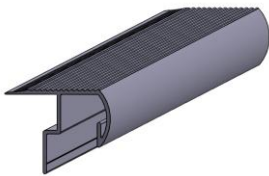


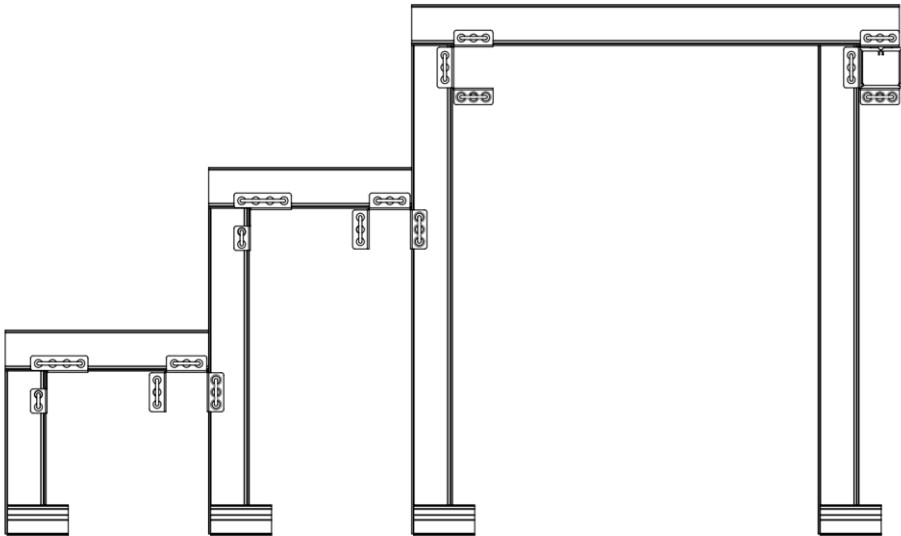
TerraSmart Rail – Constructing Steps: Assembly and Sequencing Guide

Components:

DS Aluminium Joist	VJC Vertical Joist Connector	RSN Rail Stair Nosing Profile
		

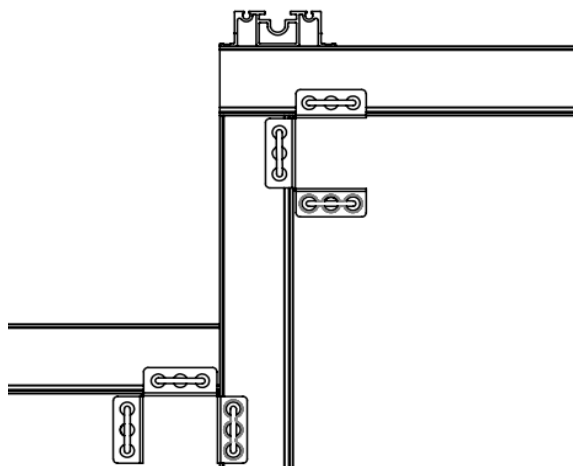
1. Construct substructure of stairs as shown in Fig A, with vertical DS joists extending to the base and located in an ADC cleat at each step.

Fig A



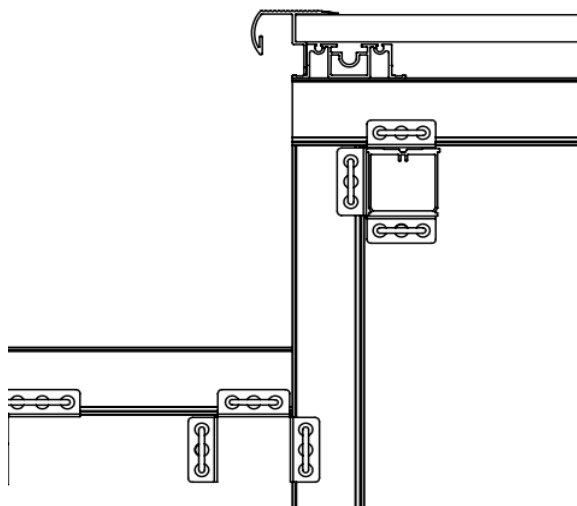
2. Affix the RST27 at the front edge of the top step, Fig B:

Fig B



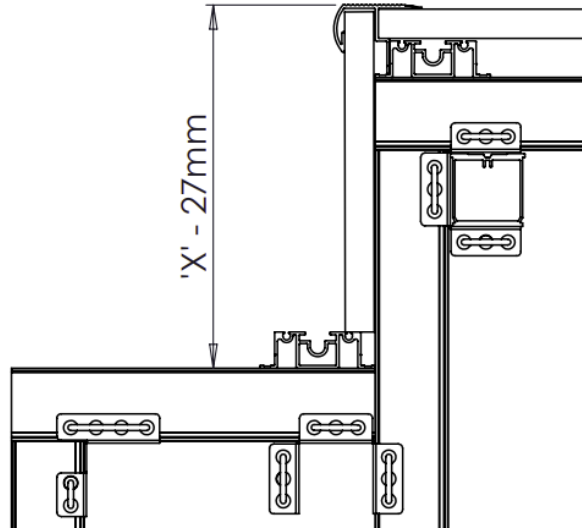
3. Affix the Stair Nosing Profile to the RST27 at the top step, slotting the top surface tile in as shown, Fig C:

Fig C



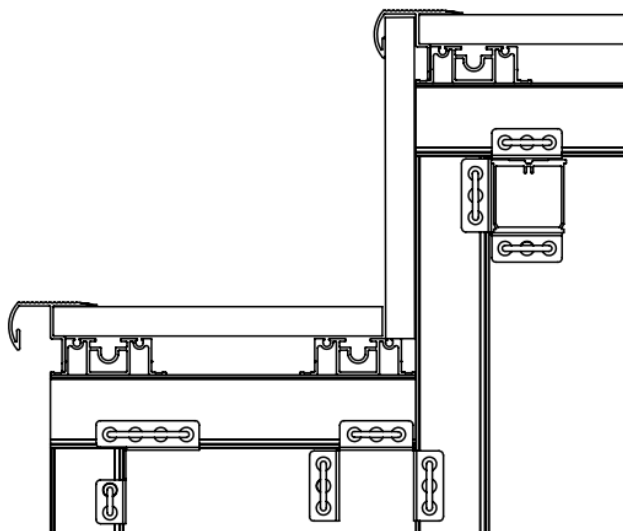
4. For the riser; Measure total height between the top of the step primary joist and deduct 27mm off for the final riser tile height. Place the cut tile into the Stair nosing profile from below, lifting and then placing the next step RST27 top rail underneath. Fix down to the primary substructure through the available fixing flange using 13mm pan head screws. **Fig D**

Fig D



5. Install the RST27 on the front edge of the step, and repeat steps 3-5 until the bottom step riser. **Fig E**

Fig E



6. Installing the bottom step riser. Measure the total height from the base to the top of stair 1, and deduct 15mm off. Cut the tile to size and rotate into the cavity of the stair nosing profile as shown. Prior to placing the vertical riser tile in, ensure adhesive is applied to the vertical joist face. **Fig F**

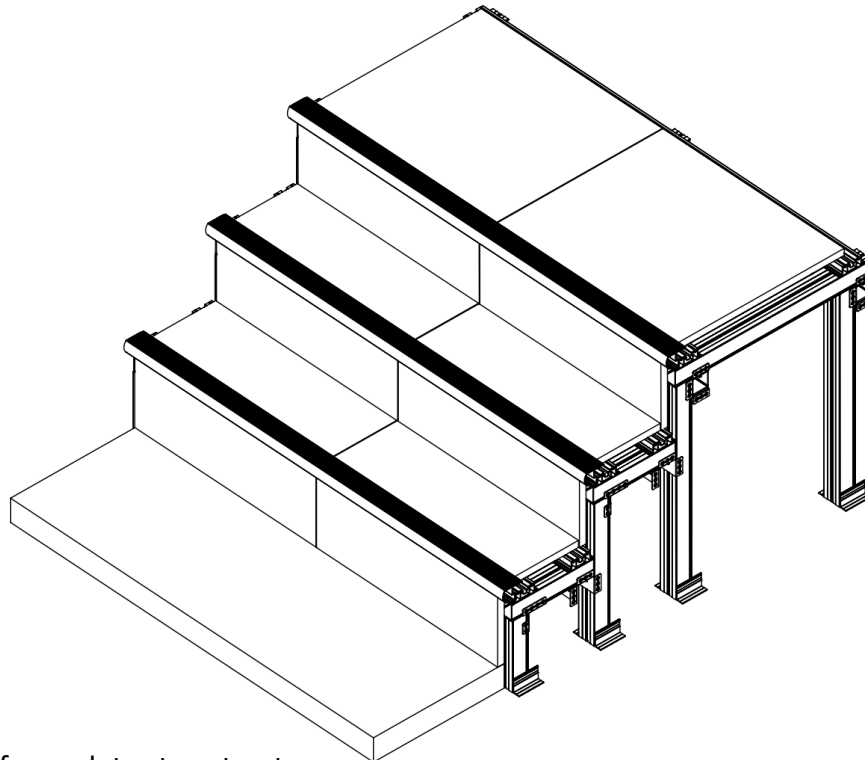
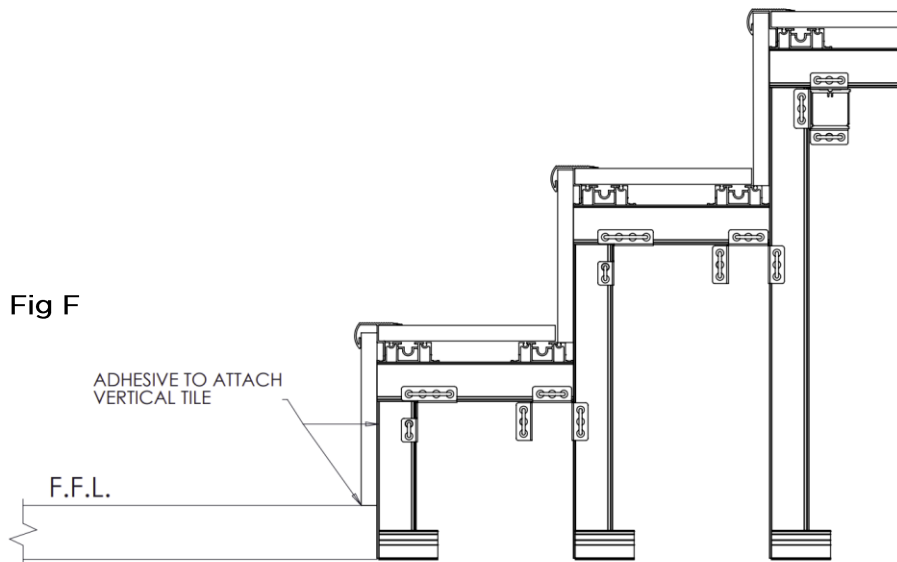


Fig G: Isometric view of complete step structure