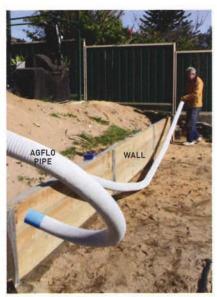### 1 Concrete the end posts

Excavate two 550mm deep holes for the end posts, pour in concrete to 600mm from the top, use a spirit level to check for plumb in both directions then check the post is the right height. **TIP** A 20kg bag of cement, $8, mixed with gravel and sand fills three holes.

2 Install the joiner posts

Set up a stringline to use as a guide then position a base sleeper in each end post. Position the joiner posts then dig 550mm deep holes and concrete them into position using a spirit level to plumb, aligning them with the stringline and leaving to dry.

3 Build the corners

Position and concrete the corner posts, using a builder's square to install the sleepers at 90° to the wall. **TIP** To build steps later we added a 1200mm deep and 2400mm wide recessed area, incorporating four corner posts.

4 Slot in the sleepers

Position the base sleepers, levelling and packing them to leave exactly 400mm of post above then install the middle and top rows. **TIP** Check the height of the top sleeper matches the post so the capping sits flush along the wall.

5 Install the drainage

Position geotech filter cloth behind the wall and fold it over the sleepers. Install 20m of 100mm agflo pipe with clear exits at the ends then cover with 20mm gravel to 300mm deep, folding the cloth back to separate the drainage and backfill.

6 Add capping and finish

Square cut and mitre the capping, apply construction adhesive to the ends and secure to the sleepers with 75mm x 14g galvanised bugle screws then use a router with a roundover bit to remove splinters and trim the edges. Apply two coats of decking stain.