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Patent No. 696707 - ABN 83 070 229 104

How to Set Up Round Sloped/Raking Columns

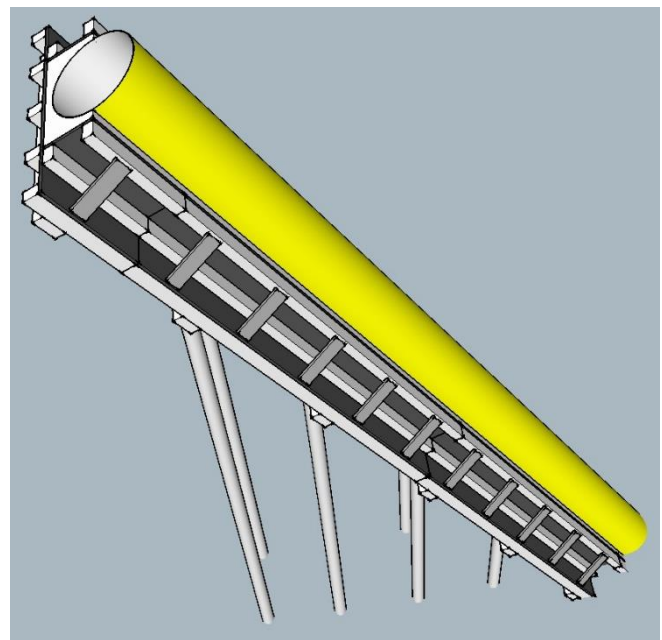
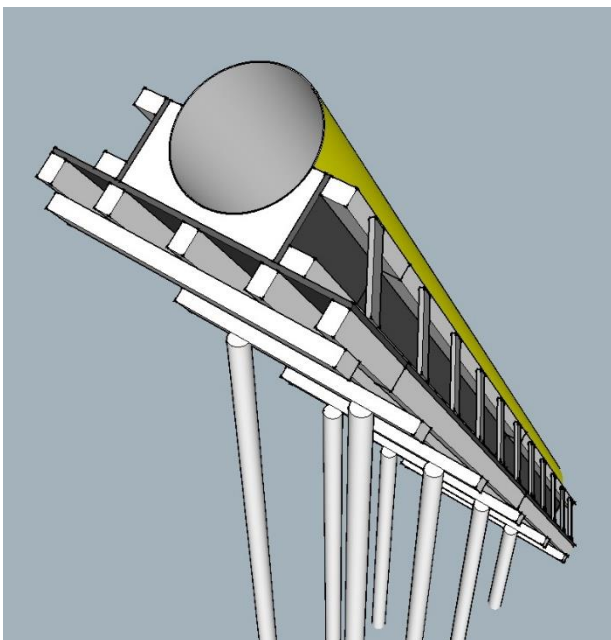
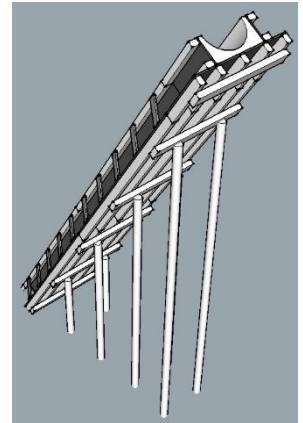
Installation Method

A Pour Down Installation is required. This is where the tube is dropped in through the formwork for the beam/slab above the column.

External Supports

Sloped/Raking columns require External Supports. When the round tubes are placed on an angle/slope, the outside surface of the tube needs to have the lower half of the tube supported with an external High Density Polystyrene foam support to prevent the tube going into an oval shape.

The polystyrene will be cut to suit the outside diameter of the tube, will have 50mm extra thickness to the sides and the centre of the base. The vertical faces on both sides will need Ply facings to be installed on site with adequate timber supports/walers to hold the foam supports in place during the concrete pour.



INTERNATIONAL LEADERS IN CONCRETE COLUMN FORMING

ROUND TUBES | SQUARE TUBES | RECTANGLE TUBES | POLYGONS AND CUSTOM SHAPES | OVAL TUBES | YELLOW FORMLINER™

Trimming the tube

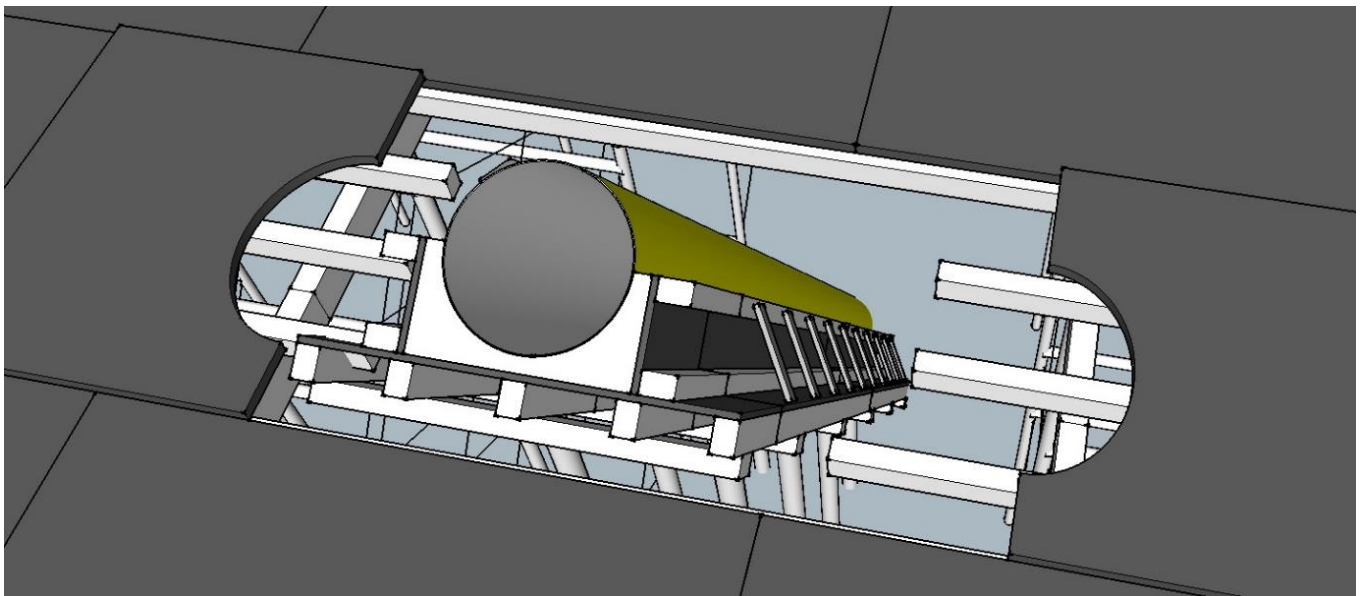
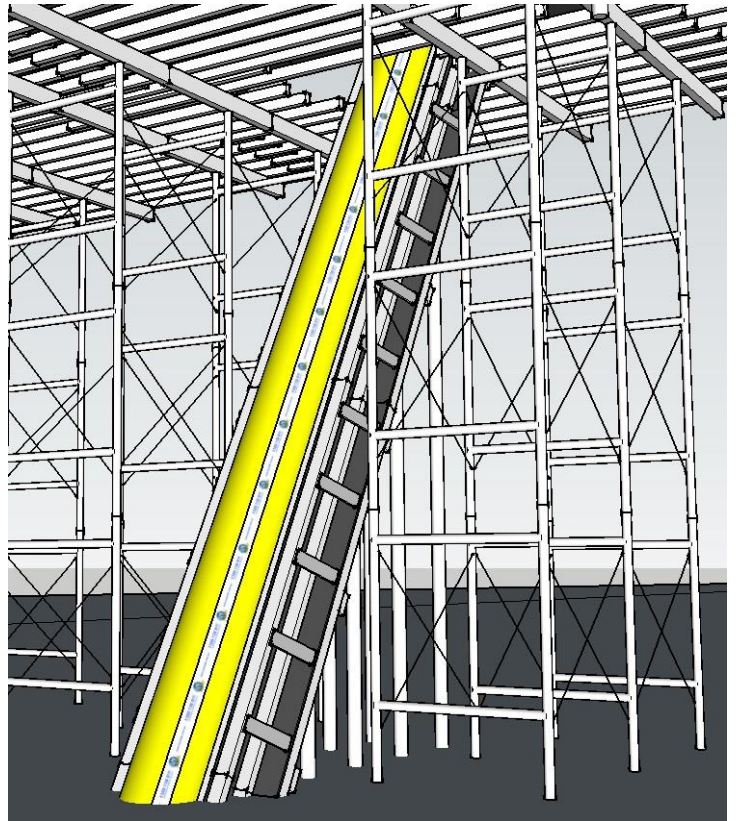
The top and bottom of the tube will need to be cut to the angle appropriate to the top and footing beams/slabs. This is normally done on site, **however we can assist with providing a simple template to mark the outside of the tube prior to cutting.**

Important:

*If you are using a Lined Tube, refer to **Tips for a Plastic Lined Tube** on Page 3 to ensure correct installation and care.*

It is generally best to cut the base to the appropriate angle (and retaping an internal liner) prior fitting over the steel reinforcing.

Once the tube has been inserted over the steel cage and set to the required location on the footing/floor slab, mark the top of the tube to match the top surface of the form-ply for the beam and pull the tube up slightly to offer the space required to cut off the excess. For Lined Tubes, be sure to adequately retape it with the Ezytube-approved, black cross filament tape. The tube can then be replaced and set to the required location.



Tips for a Plastic Lined Tube

If you are using a Plastic Lined Tube, where an internal liner has been installed to achieve a smooth finish on the concrete, there are a few important tips to consider.

- To prevent slurry from going between liner and tube, ensure that both ends of the tube and liner are adequately retaped with the Ezytube-approved, black cross filament tape.
 - After cutting the **base** of the tube, but prior to fitting over the steel reinforcing, adequately retape the internal liner to the tube.
 - After cutting the **top** of the tube, but prior to replacing and setting to the required location, adequately retape the internal liner to the tube.
- To allow for easier installation of the tube and to minimise the risk of damage to the liner surface, tape 4 x 25mm plastic conduits equally around the outside surface of the steel reinforcing.

Even when spacer wheels are used, this is a lot more effective in allowing the tube to slide over the cage without catching and/or damaging the inner surface.

Once the tube is installed, remove the Tape, pull the conduits up from the top of the tube, and these can then be re-used on subsequent installations.

END
