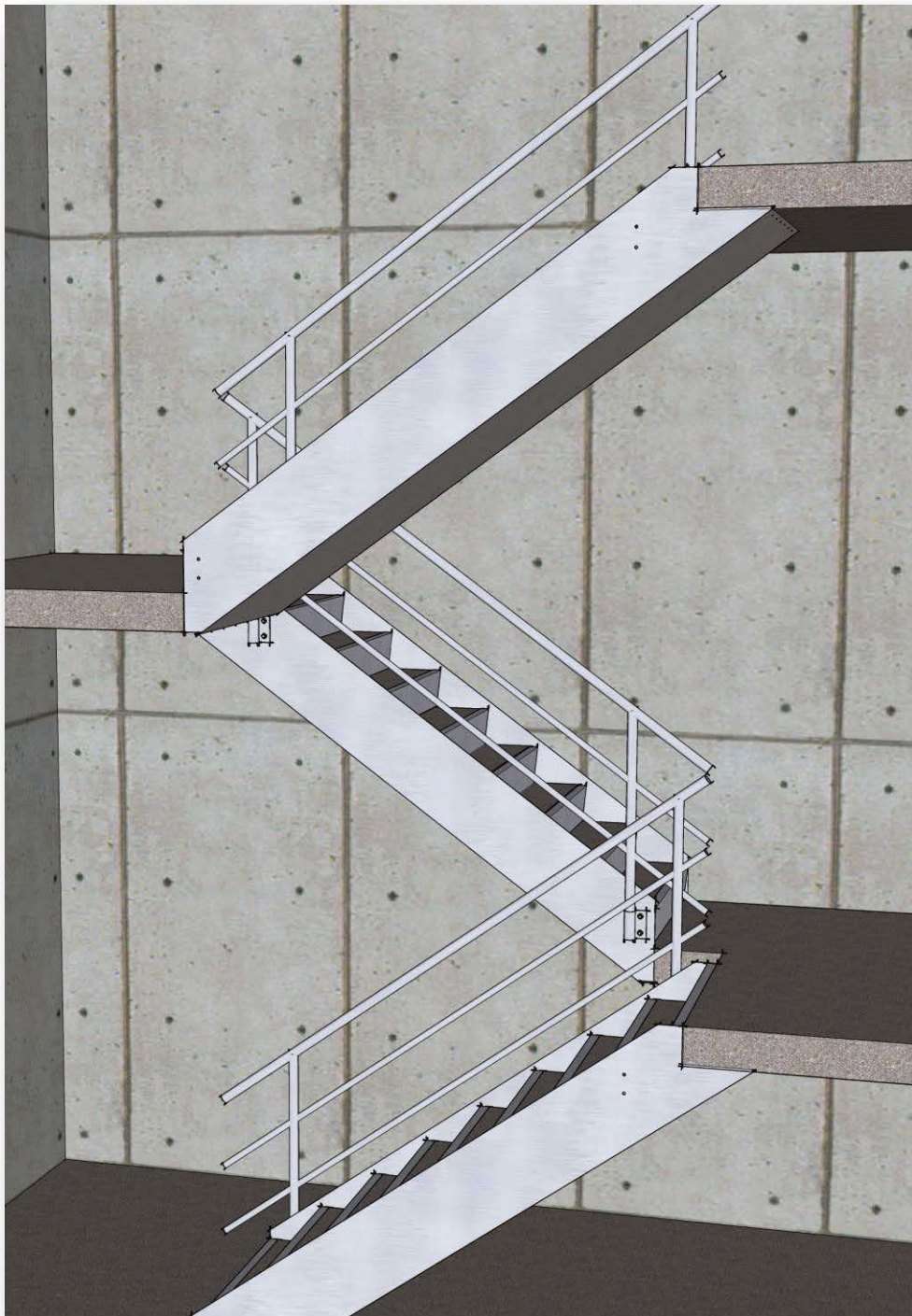




FORMWORK STAIR INSTALLATION

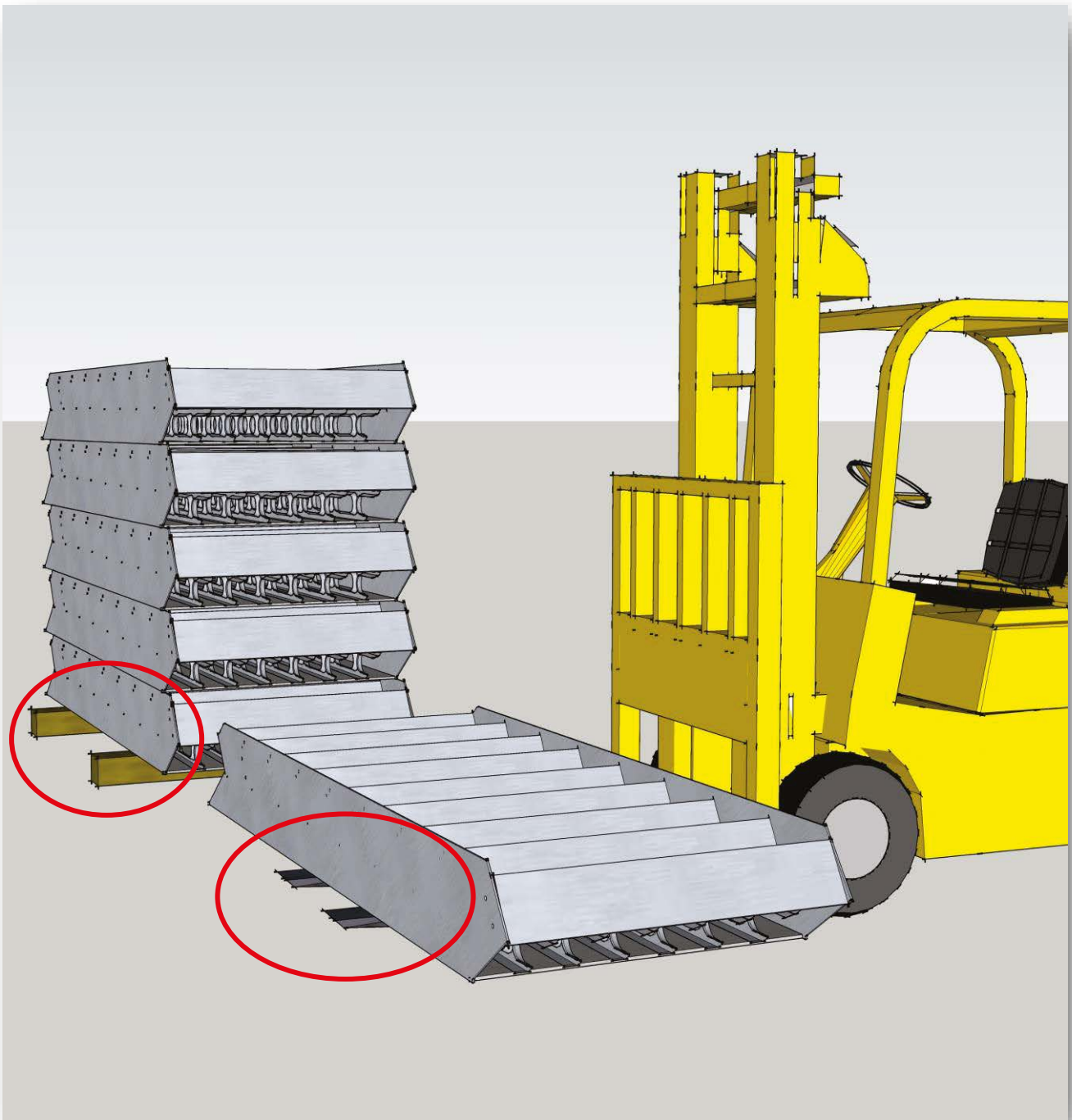


VERSION: 01/01/18

Onsite Storage

Flights can be stacked 5 deep for storage onsite.

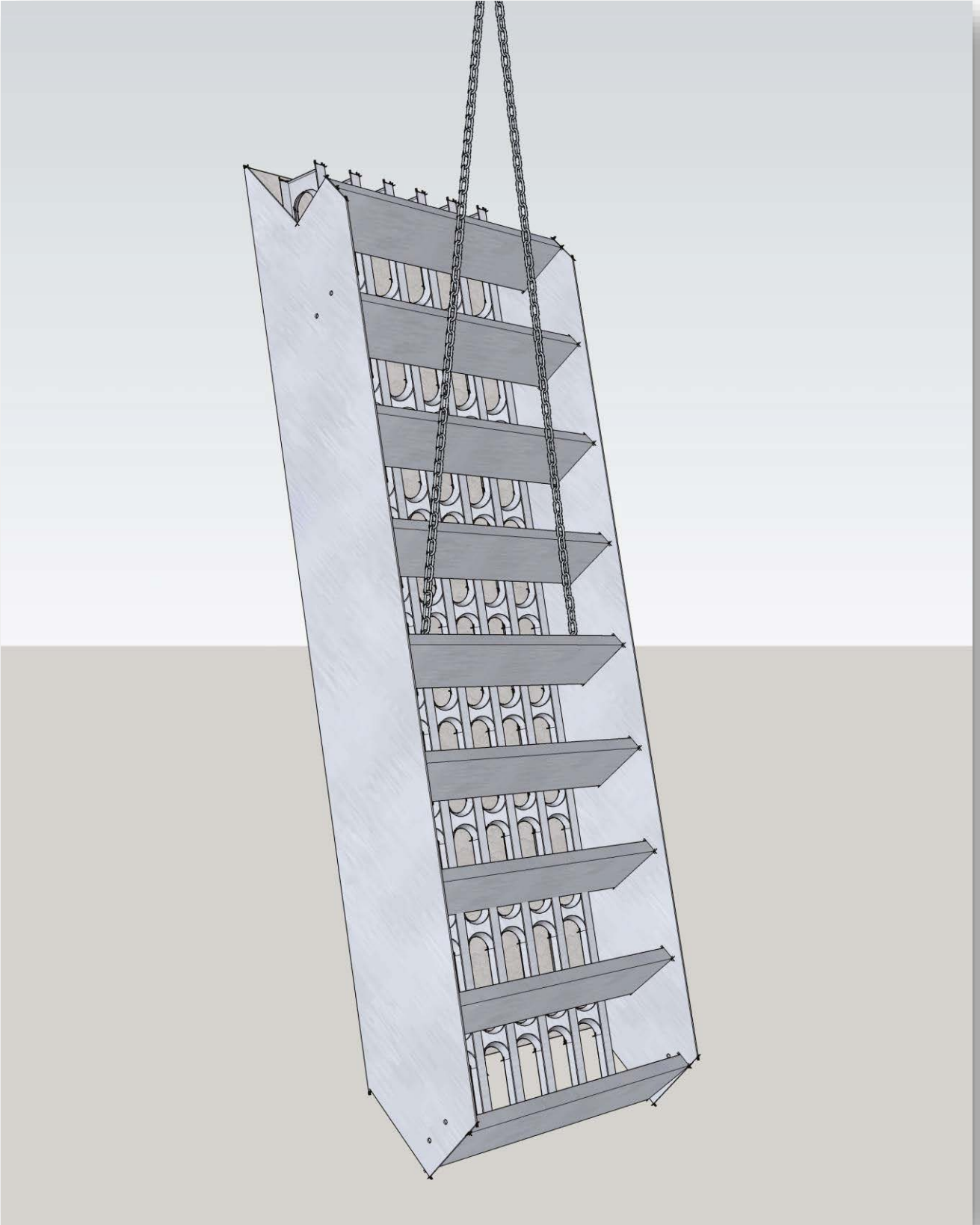
Ensure that timber gluts and forklift tines are wider than the flight so that the unit rests on its steel stringers (i.e. does not create a point load on the gal soffit).



Handling

Flights should be lifted around the cross-reinforcement bar and just off their centre of gravity to hang near vertical.

Stickers are in place to indicate lifting points.

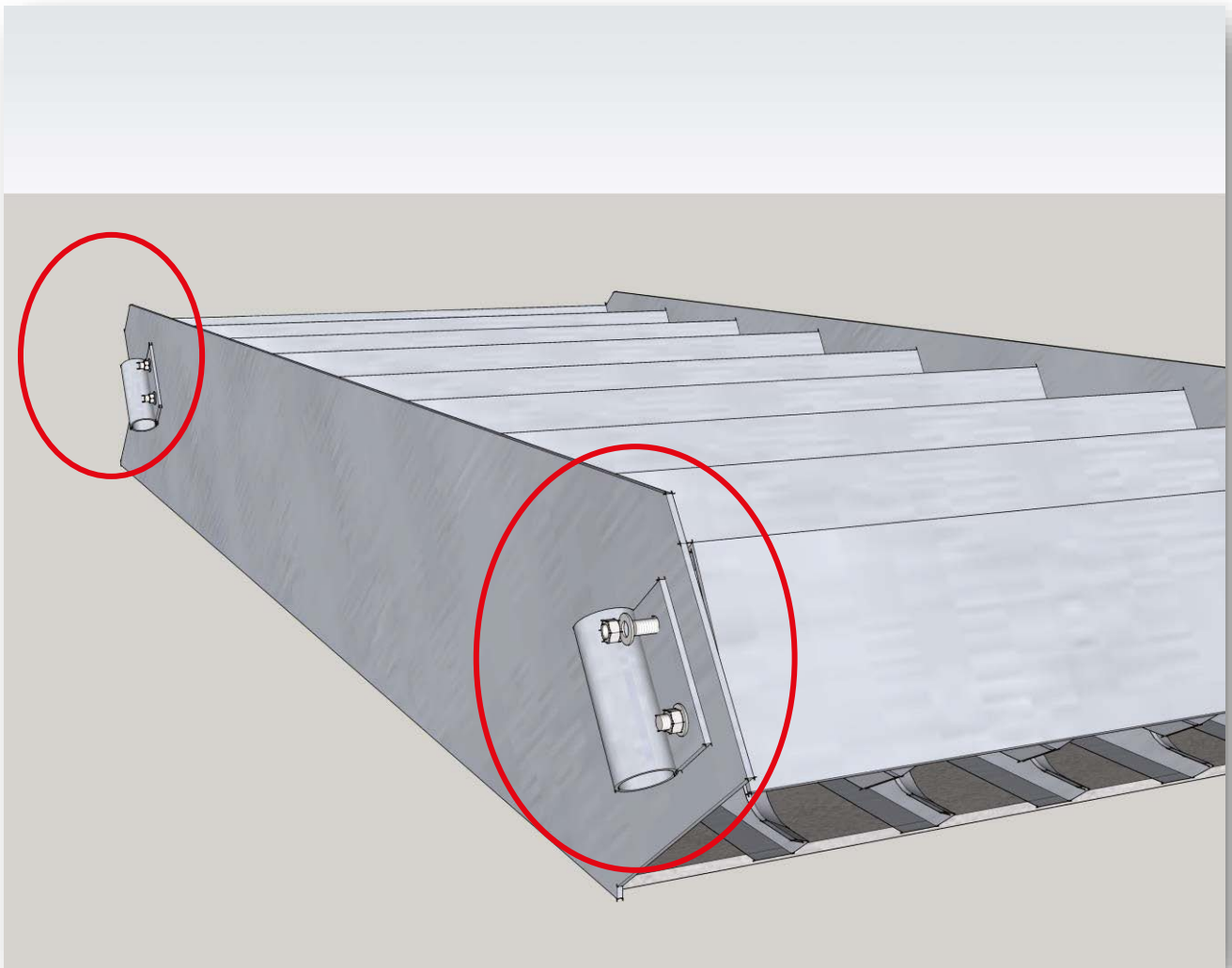


Balustrade Bracket Assembly

Balustrade brackets should be installed on the correct side of the flight before the formwork is lifted into place.

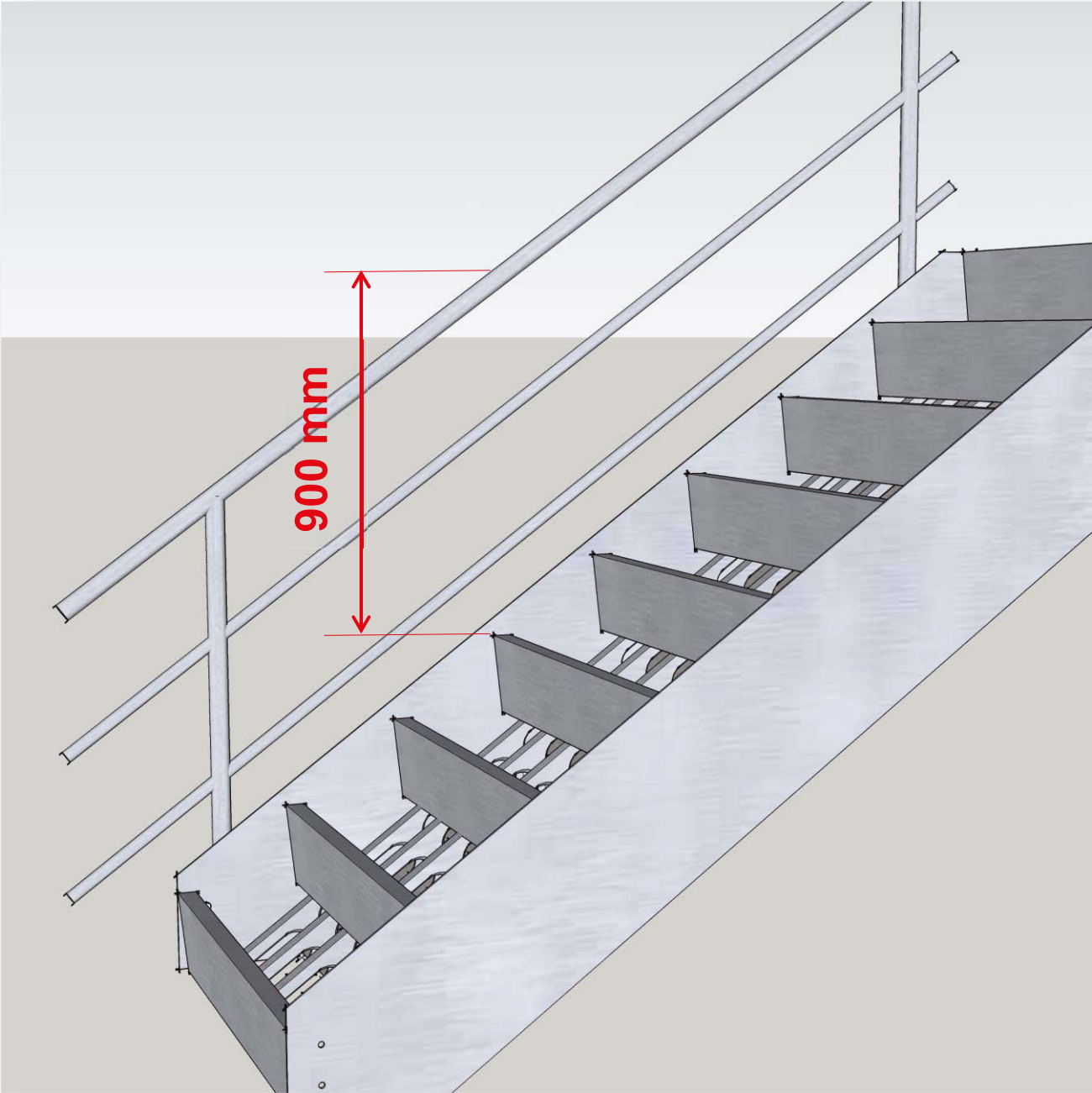
The permanent balustrade can be fitted at the same time eliminating the need for temporary handrails.

1. Ensure that the bracket is installed on the **OUTSIDE** of the formwork, with the nuts on the **OUTSIDE**. Do not fully tighten until the handrail is fitted.
2. Ensure that the brackets are installed with identical orientation - with both tabs pointing 'downstairs' as shown.



Balustrade Labels

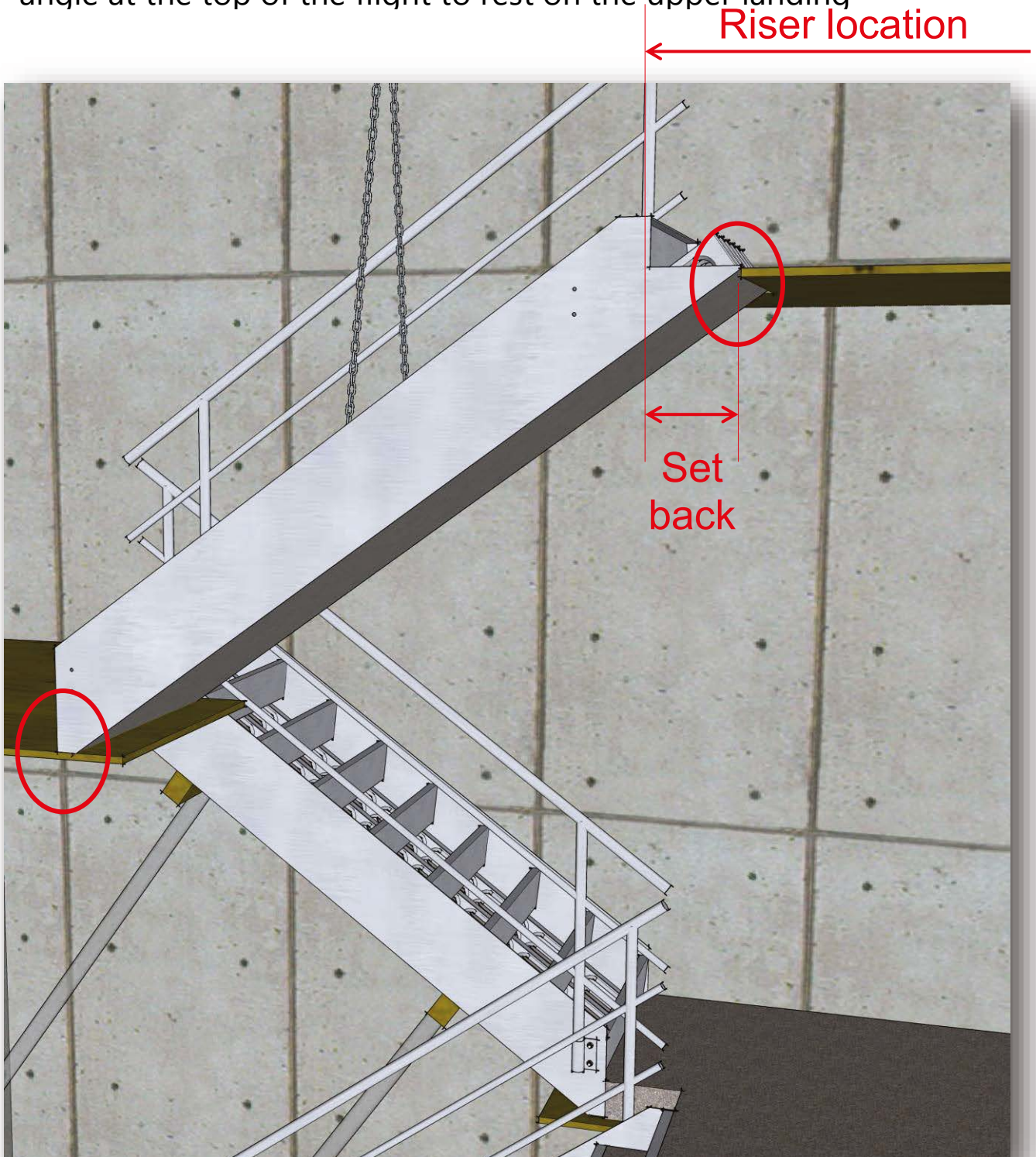
Handrails are labeled on the post according to the stair mark.



Landings Set-Out

Establish your top riser location from architectural plans and set back the formwork the dimension specified in the supplied drawings with $\pm 5\text{mm}$ tolerance.

Seat the bottom of the flight formwork first, allowing the support angle at the top of the flight to rest on the upper landing



Propping

Props to be minimum every 4th riser until concrete reaches 15MPa.

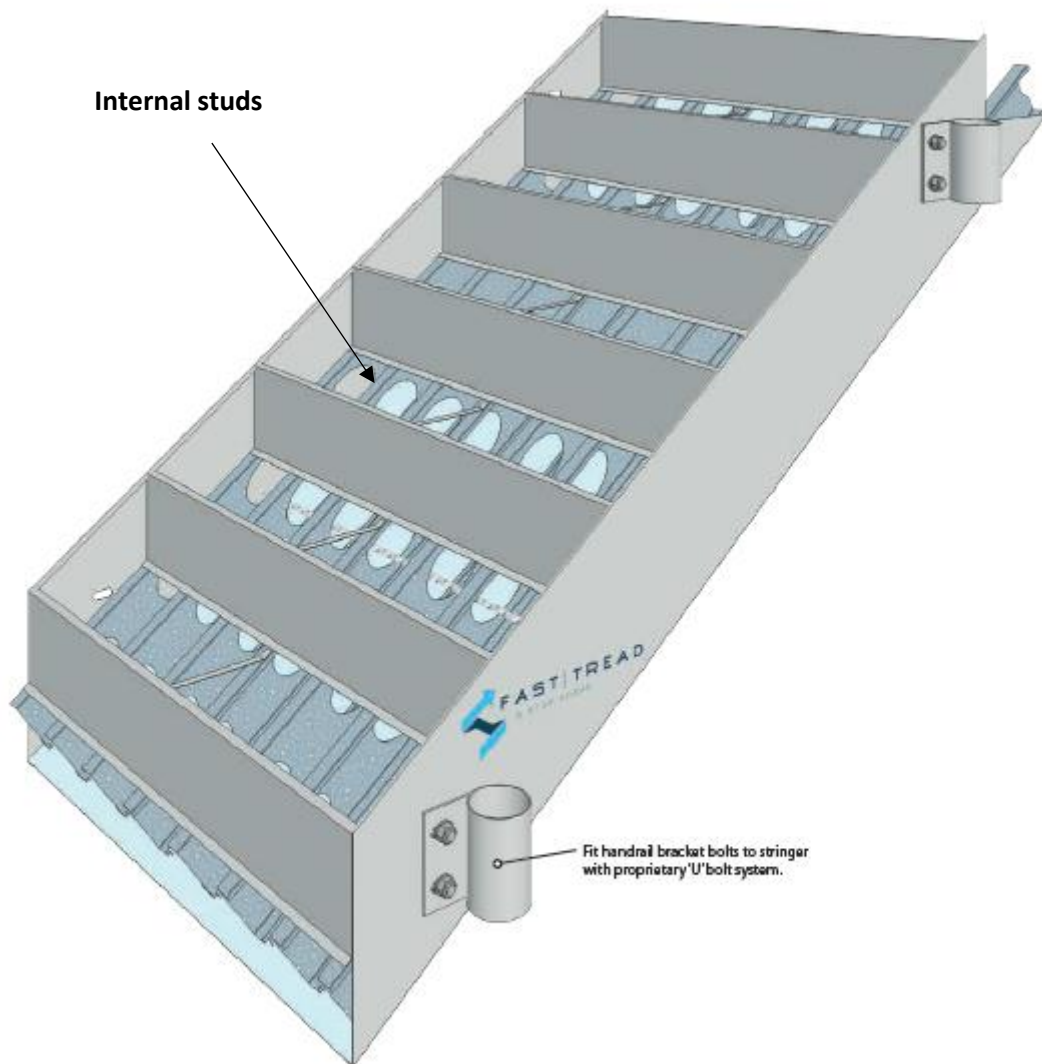
Props to be mounted to flight with timber ledgers using appropriate site engineer-approved methods.



Concrete Filling & Vibrating

Concrete strength used is to be as specified by the project engineer and is delivered via concrete pump and poured at the top of the flight or at each landing.

When vibrating the concrete, the vibrator is touched on the internal studs of the FAST TREAD preformed stairs or against the stringer. This transfers vibration throughout the stair case achieving the required compaction.





For further assistance

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