

architect's model of the striking new st. kevin's church now being built at dee why, a sydney seaside suburb.

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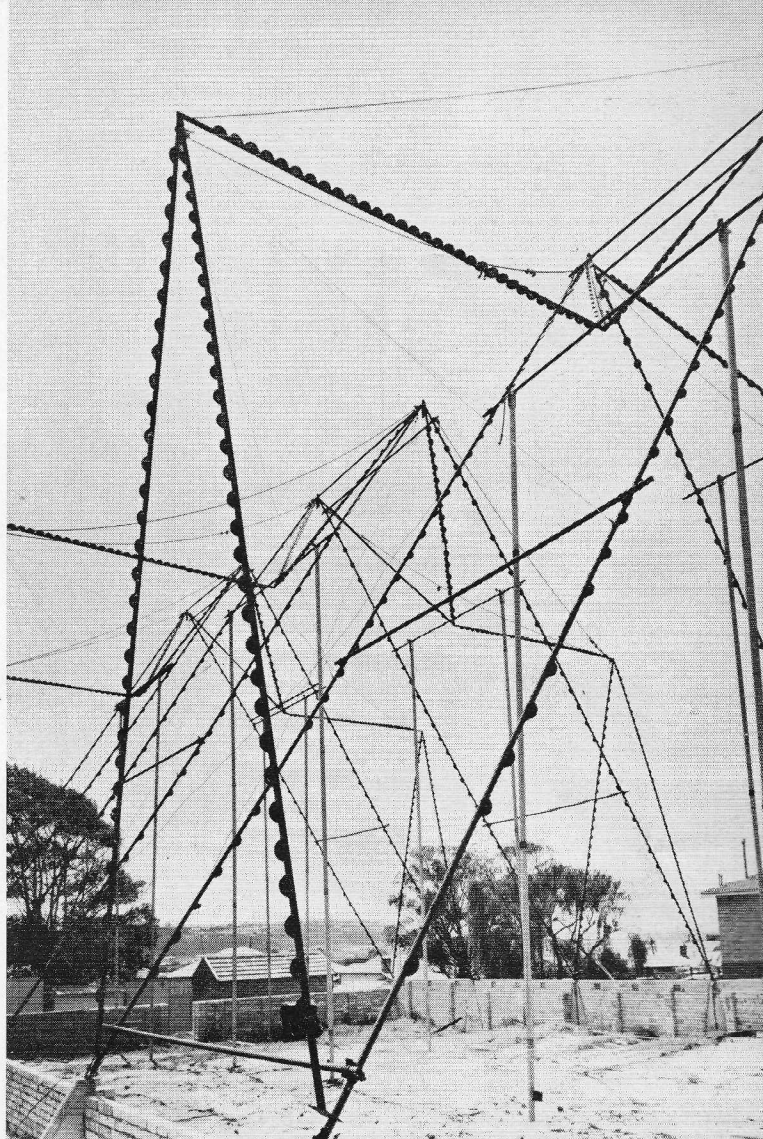
ST. KEVIN'S CATHOLIC CHURCH DEE WHY

Architects: GIBBONS & GIBBONS

Builders: JUDGE & ROCK

Construction of Concrete Frame: MONIER BUILDERS PTY. LTD.

the tubular steel stressing framework—the first section of the church to be erected.



Colorprints

This precast, post tensioned concrete shell church is expected to be completed in November of this year.

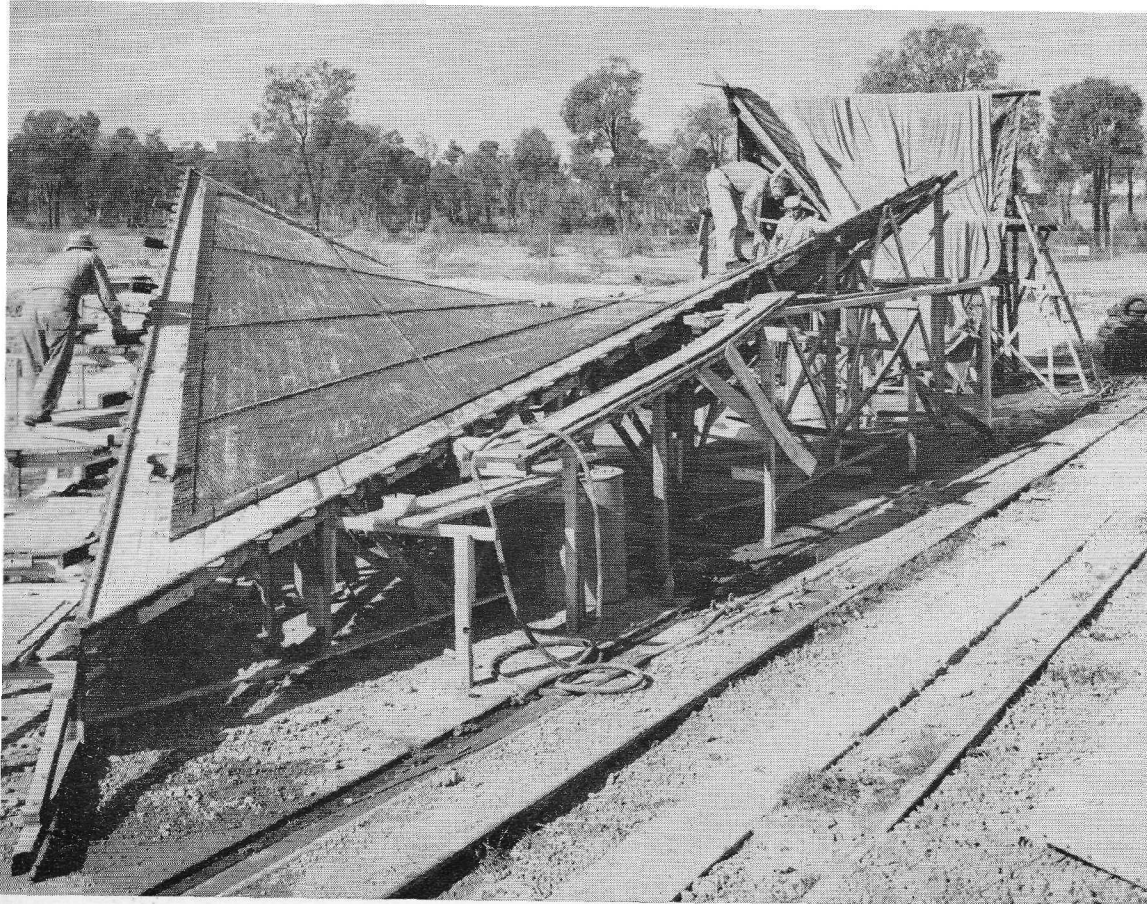
The precast concrete segments are poured and cured to strict quality requirements in specially manufactured moulds and then transported to the site. Each precast section, which is 1 in. thick, will be stressed together by single wires anchored against the steel pipes at each surface edge to distribute the anchorage forces uniformly into the shell.

The roof and walls of the church constitute an anticlastic or saddle shaped shell not needing the usual support of edge beams.

The church, seating 500, is joined to the presbytery by means of a covered way forming the effect of a cloister or parish square. The building group will be dominated by a bell tower 60 ft. high.

The precast concrete work was done by Concrete Industries who are the structural engineers. Contract price was £32,000.

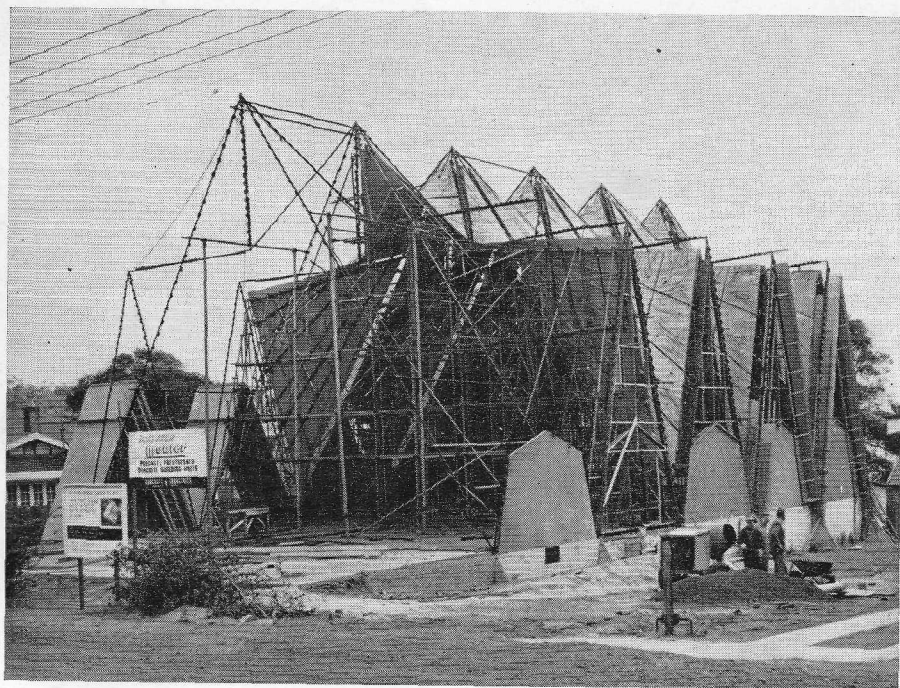
Stations of the cross and coloured glass windows are being designed by John Coburn, Blake Prize winner.



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timber mould of saddle unit or highest section of roof structure.

R. C. Caswell



later photograph showing 1" thick pre-cast sections, supported by timber framework, before joints are filled and post tensioning has taken place.