

# JJI-Joist Case Studies

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**James Jones  
& SONS LIMITED**  
 TIMBER SYSTEMS DIVISION

## Forestry Commission, Smithton, Inverness

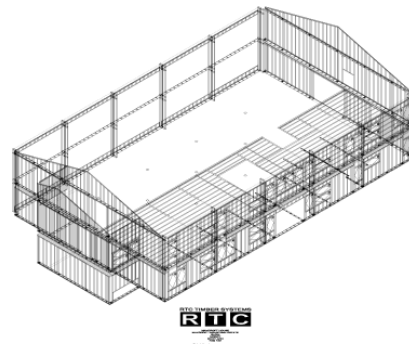
### The Project

JJI-Joists were used extensively throughout this project as specified by the Architect whilst the detailed design was completed by the Project Engineer. The design remit was to use as much locally sourced material as possible.

Ground Floor	JJI-195D JJI-Joists
First Floor	JJI-300B JJI-Joists
Roof Rafters	JJI-195D JJI-Joists
Exterior Panels	JJI-195D JJI-Joists

### Who

Client	Forestry Commission
Contractor	MM Miller
Timber Framer	Roof Truss Company
Architect	HRI
Project Engineer:	W A Fairhurst & Partners



### Comment

The length of the building lent itself to the use of 12 metre JJI-Joists in the floor and roof constructions substantially reducing installation times.

This was one of the most complex JJI design projects that the timber frame manufacturer, who are also a JJI-Joist Distributor, have supplied but thanks to team work between them, the Main Contractor and Architect, it resulted in a very smooth and problem free installation.

The ground floor comprised of 1700 metres of JJI-195D as did the roof purlins whilst the external walls used 2000 metres of the same product. However the first floor joists used 750 metres of JJI-300B.

