

Drawing Strut assembly details		
Project Cromars queue management		
Client Cromars, St. Andrews		
Date 150113	Drawn APR	Scale 1:2
Revisions		

NOTE: The size of the elongated hole in the bracket is determined by the diameter of the hex screw sleeve which is to be confirmed by W. A. McGarrie & Son Ltd.

Breadth of bracket plate

Breadth of timber finished size

To fit ropes, the middle plate is unbolted and slid out of the gap, to allow the rope to be threaded into the slot before refit

MIDDLE BRACKET / ROPE LUG X 4

Radius edges to make ring section circular

TOP AND BOTTOM FIXING BRACKETS X 8



Rope loop with turk's head (different bracket)

STRUTS

The struts are shop made from selected, knot free, Douglas fir heartwood (or beech).

The sizes given are finished sizes.

Boring of the timbers for the M12 hex bolts to be set out and finished accurately with a smooth socket recess and machined chamfer.

All corners and edges to have a 1mm radius.

The size of the struts to be accurately measured on site and templated for the mid portion of the slotted bracket holes, to give a small tolerance to adust a few millimetres.

The struts to be temprarily erected and made plumb in the positions shown on drawing 1435 AL(2)141206 as last revised, to permit the marking of fixings for the brackets.

BRACKETS

All brackets, bolts, screws and washers to be stainless steel and brackets to have a "brushed" finish

Brackets are to be made from 6mm th. steel and to be finished with a 1mm radius on corners and buffed edges

Note that in drawing 1435-AL(2)141206 the bolts are shown as conventional bolts washers and nuts. These are superseded by this drawing which shows all bolts as hex end s/s items with washers and sleeves.