

Certificate of Test

This is to certify that the element of construction described below was tested by CSIRO Division of Building, Construction and Engineering in accordance with Australian Standard 1530.4-1990 Methods for fire tests on building materials, components and structures, Part 4: Fire resistance tests of elements of building construction, on behalf of

Monolite Construction Panels Pty Ltd
129 Northern Road
WEST HEIDELBERG VIC

A full description of the test specimen and the complete test results are detailed in the Division's report FSV 0103

Product Name: Monolite "Single Panel" sprayed concrete sandwich panel.

Description: The specimen comprised a single-leaf non-loadbearing panel comprising a central core of 60 mm thick corrugated polystyrene with welded steel fabric on each side sprayed with 35 mm of concrete. The panel was 3000 mm high x 3000 mm wide x 130 mm thick. The panel was built into a concrete lined specimen frame so that the panel was restrained on all sides during the test.

Construction is detailed in

- .specification numbered Mono S1 (2 pages), undated, by Monolite Construction Panels Pty Ltd.
- .drawing numbered Mono 2, dated April 1990 by Monolite Construction Panels Pty Ltd.

The element of construction satisfied the following criteria during the fire test for the period stated

Structural Adequacy	no failure at 241 minutes
Integrity	no failure at 241 minutes
Insulation	75 minutes

and therefore for the purposes of Building Regulations in Australia achieved a FRL of 240/240/60

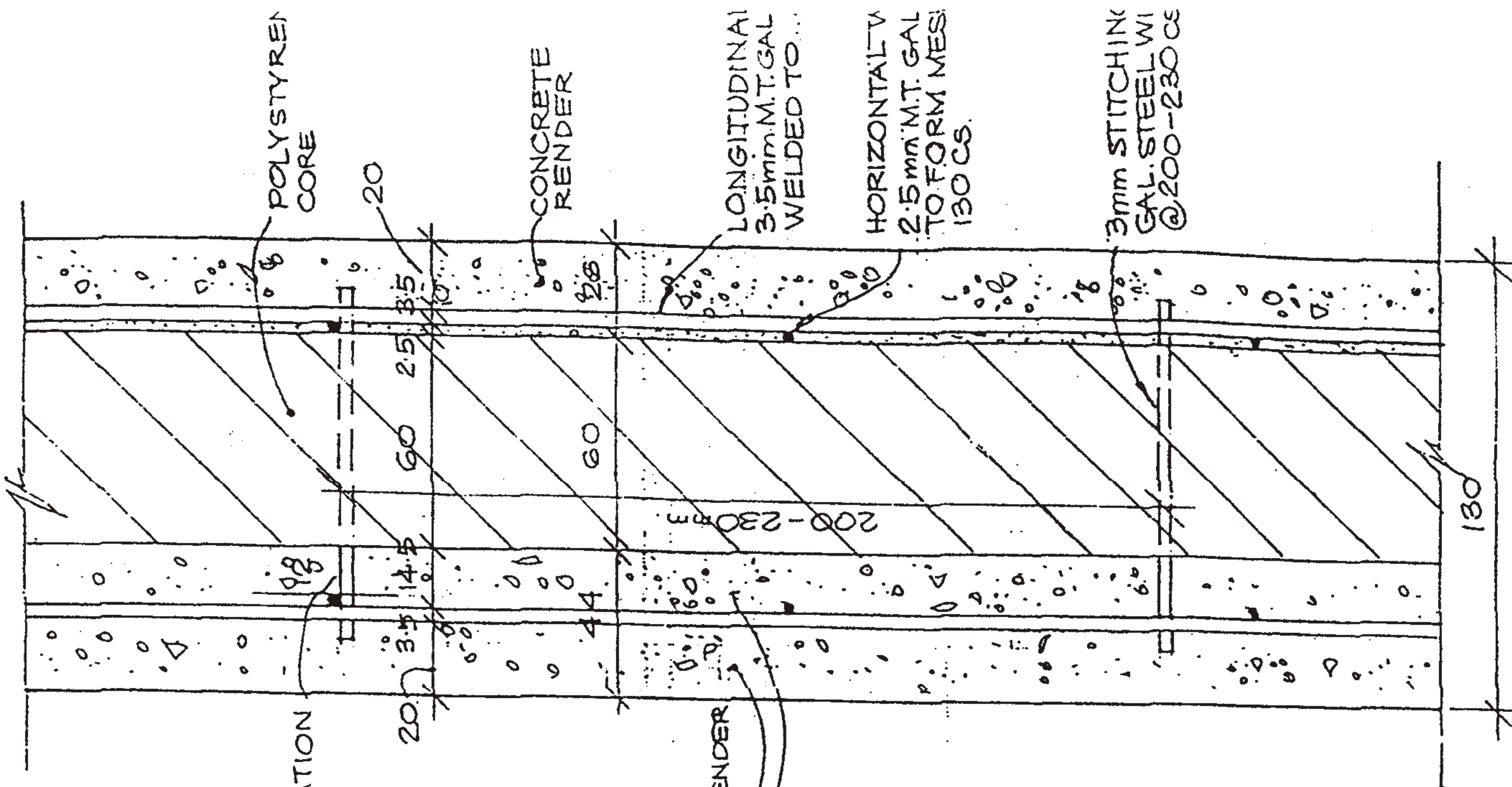
Testing Officer L B Retson Date of Test 23 April 1990

Issued on the 6 th day of December 1990
without alterations or additions

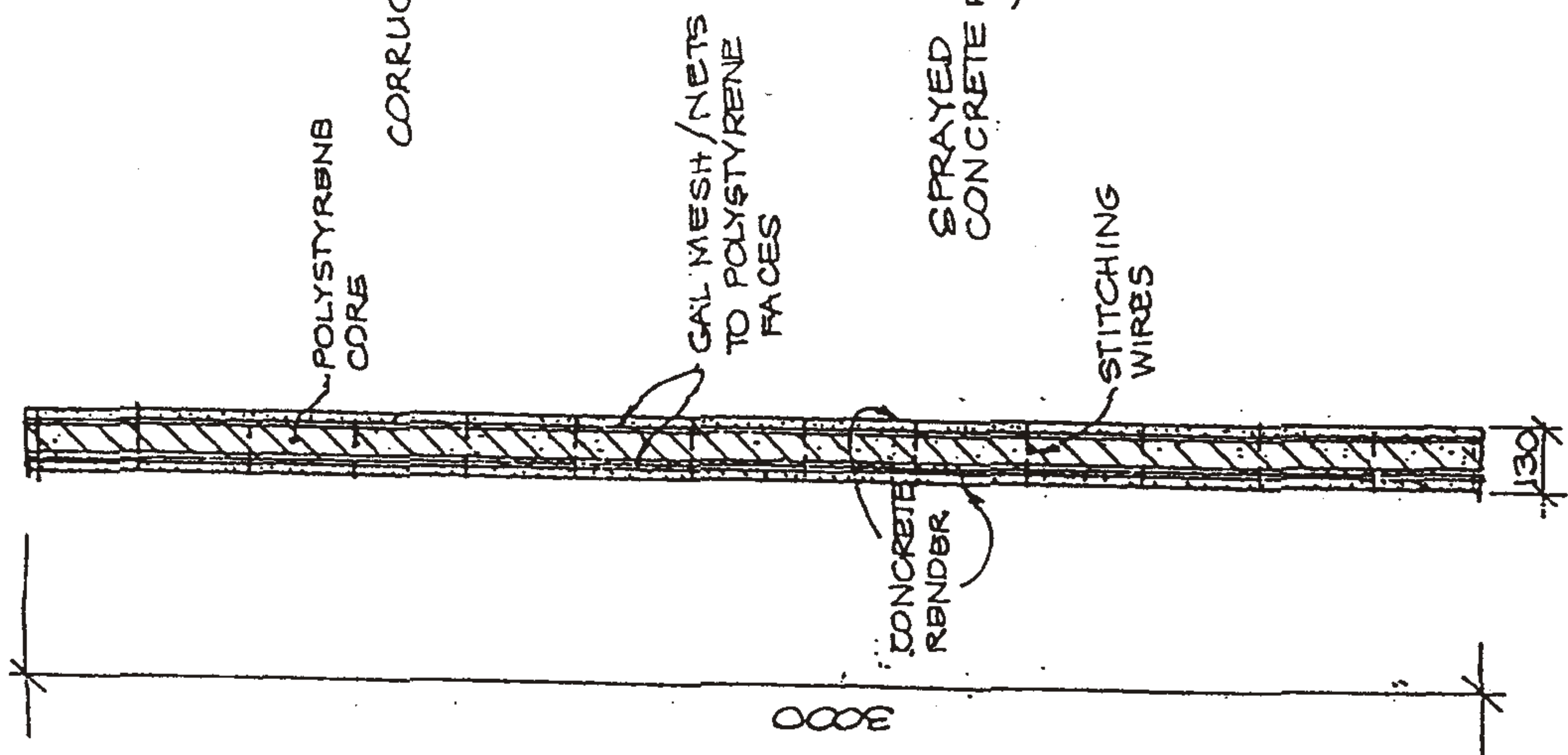
R. J. Dayeh
R J Dayeh
Principal Experimental Scientist
for Manager, Fire Technology.



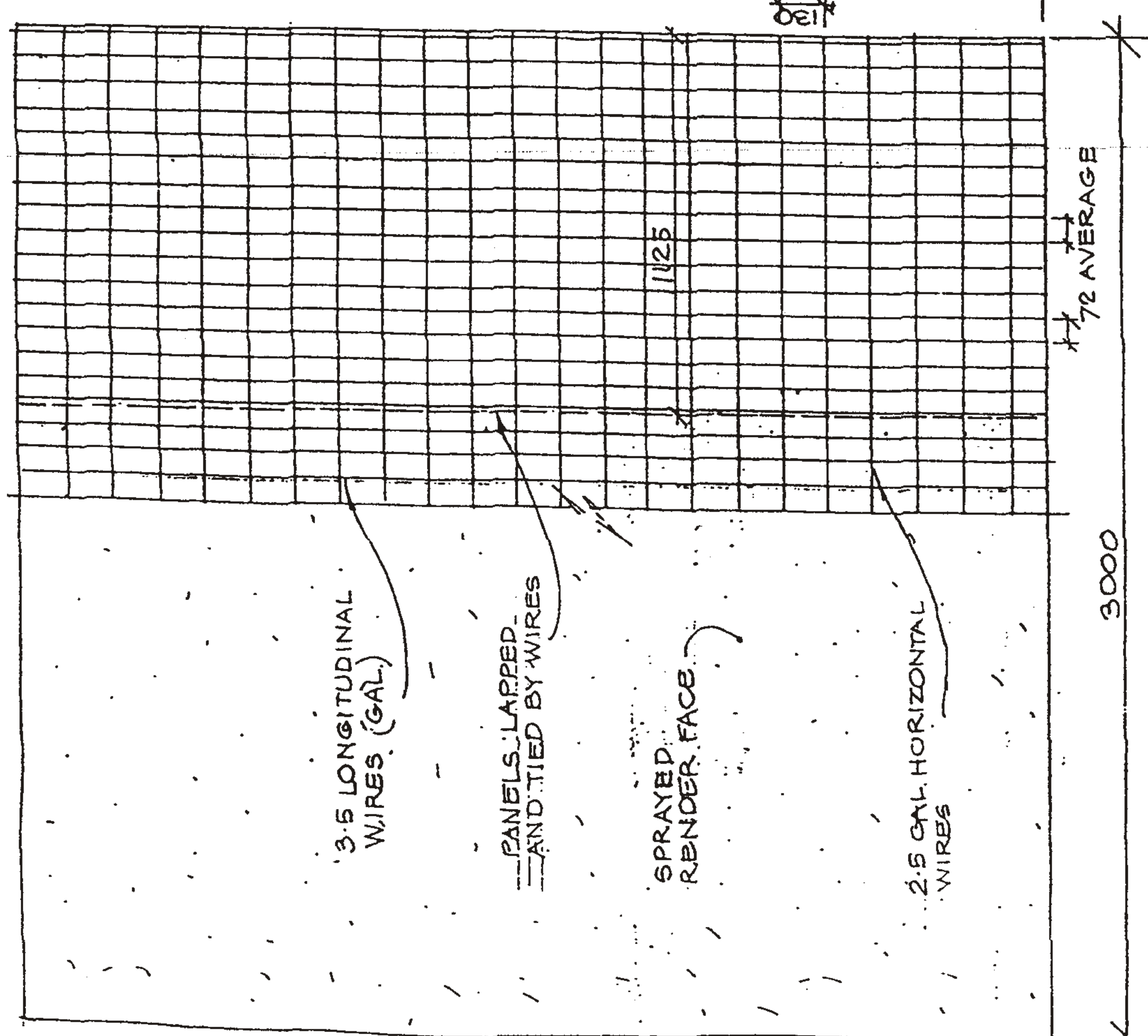
CSIRO
AUSTRALIA



VERTICAL SECTION 1/2 F.S.



SECTION



ELEVATION OF PANEL



GAL STEEL NETS TO FACES

HORIZONTAL SECTION THROUGH PANEL SCALE 1:200

MONOLITE CONSTRUCTION PANELS PTY LTD

DRAWING No. MONO 2. APRIL 1990 DRAWN HSH

2 HOUR FIRE TEST
NON LOAD-BEARING PANEL