

UNDER

THE COMMISSIONS OF INQUIRY ACT 1908

IN THE MATTER OF

**ROYAL COMMISSION OF INQUIRY INTO BUILDING
FAILURE CAUSED BY CANTERBURY
EARTHQUAKES**

**KOMIHANA A TE KARAUNA HEI TIROTIRO I NGA
WHARE I HORO I NGA RUWHENUA O WAITAHA**

AND IN THE MATTER OF

THE CTV BUILDING COLLAPSE

**SUPPLEMENTARY STATEMENT OF EVIDENCE OF ANTHONY JOSEPH SCOTT
IN RELATION TO THE CTV BUILDING**

DATE OF HEARING: COMMENCING 25 JUNE 2012

**SUPPLEMENTARY STATEMENT OF EVIDENCE OF ANTHONY JOSEPH SCOTT IN
RESPECT OF THE CTV BUILDING**

1. My full name is Anthony Joseph Scott (Tony Scott). I provided an earlier brief of evidence dated 30 March 2012. This brief of evidence is supplementary to that and addresses some further issues I was asked about by Counsel Assisting the Royal Commission, after completing my previous brief.

Relationship with David Harding

2. My first contact with David Harding was in the course of the CTV Building project. Michael Brooks and I had decided to invite Alan Reay to participate in the design team for what was to be Prime West's first development project in Christchurch. Williams Construction (**Williams**) had had previous dealings with Alan Reay Consultants where Williams was the successive tenderer. One of these was the Aged Peoples Welfare Building on Cashel Street.
3. We liked the presentation that Alan Reay made to Williams for the CTV project, in terms of presentation, content, the standard of his drawings and his willingness to provide preliminary structural sketches for preliminary estimates without charge.
4. David Harding was the engineer we principally dealt with during the course of the CTV project. He attended all the design meetings at Williams' office and signed all letters, document transfer forms and sketch plans on behalf of Alan Reay Consultants. I considered David Harding to be the principal structural designer of the CTV building. The early A4 structural sketches were done in his handwriting and he signed off all the correspondence as David Harding, Registered Engineer.
5. As David Harding was the only engineer from Alan Reay Consultants I had direct dealings with, I do not know what role Alan Reay personally played in the project. Because Alan Reay was the Principal Engineer of the practice I assumed that he had an oversight role in the calculations and structural drawings that David Harding presented, but I have no direct knowledge of this.
6. I understand that it has been suggested that David Harding brought the CTV contract to Alan Reay's office. This is not correct. Michael Brooks and I took the project to Alan Reay Consultants and invited Alan Reay to be the structural engineers on the project.

Construction Timeline

7. I have been asked by Counsel Assisting to give evidence about the construction timeline. I can only recall this now by reference to milestones that I do remember. I am advised the Council records show a first inspection in October 1986 and this is for the foundations [BUI.MAD249.0117B]. I recall that the foundations, ground floor slab, the North Core wall formwork prefabrication and footpath gantry were completed by the end of January 1987. The first floor slab was completed by the end of February 1987. The second floor slab was completed by the end of March 1987. The third floor slab was completed by the end of April 1987. I recall starting a new position with Union Construction at Amuri Park on 1 May 1987.
8. I have been shown copies of the Christchurch City Council inspection records which show an almost five month gap in the inspection record between 1 April 1987 and 19 August 1987. I have no explanation for this and I cannot recall a gap of this duration. As Alan Reay Consultants were engaged to supervise the building of the structure by Williams it is possible that the Council inspectors were satisfied with the standard of workmanship and the engineer's supervision up to level 2 and as a result Council inspections were reduced.
9. My recollection is that in late September 1987 all Williams' outstanding contracts were assigned to Union including CTV, as part of the settlement reached with the Richmond Smart Group.
10. To the best of my recollection the CTV Building was completed by January 1988.

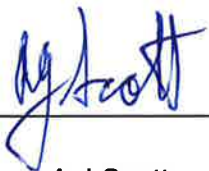
Key Personnel

11. I have also had my attention drawn to a reference on the Council inspection records to a new foreman. I am not aware of any new foreman replacing Bill Jones on the CTV contract. Bill assisted management in the new Union Construction offices at Amuri Park when the CTV Building was completed and he assisted me with measuring quantities for pricing tenders from November 1987 onwards. However, this did not affect his role as foreman on the CTV site and my recollection is that he was the foreman throughout the project. I do not understand what the Council inspection record is referring to.
12. Geoff Taylor was the Contracts Manager for Williams and started the construction of the CTV Building foundations in a supervisory capacity, reporting to Michael Brooks as General Manager. Geoff was then transferred to the New Building Centre in Mandeville

St in Riccarton as site foreman. Gerald Shirtcliff replaced Geoff Taylor as the Construction Manager on the CTV job and was responsible for supervising Bill Jones and the sub-contractors.

13. As site foreman Bill Jones was responsible for staff on site, day to day activities, including setting out each level, co-ordinating subcontractors, ordering materials and mobile cranes. Bill Jones reported to Gerald Shirtcliff who in turn reported to Michael Brooks and then Charles Wright of the Smart Group.
14. I understood that Gerald Shirtcliff was a graduate Civil Engineer. He visited the CTV site on a daily basis, assisting Bill Jones with formwork and propping design, construction programming, quality control and any general problems. It was Gerald Shirtcliff's responsibility to liaise with the City Council inspectors and with Alan Reay Consultants.

Signed: _____



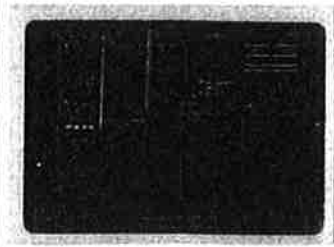
A J Scott

Dated: _____

16-5-12

STREET ADDRESS		BU/40
249 MADERS ST		135/249
CODE	DATE	COMMENTS
Formals	16-10-86	Sit out by Surveyor OK Start to finish Enquire Due.
Formals	11-12-86	Last of Formal Forms
1st Floor	18-2-87	OK
Shear Wall	8-3-87	OK Gasfitters
	31-3-87	Preparing 2nd floor
	20-4-87	Fixing Cable wiring Cord left New barmin.

Permit No. 



TYPE: OFFICE
6 hours

STREET ADDRESS		BU/40
249 MADERS ST		135/249
CODE	DATE	COMMENTS
	9-10-87	Foreman to prove Front Col on site & Fill Black Wash 1 1/2 West End
	16-10-87	No Contact from site so vizited found no Cops to be removed Foreman Advised.

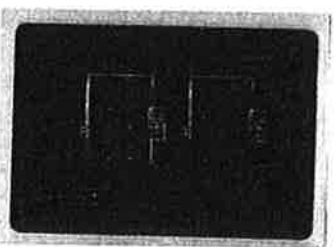
Permit No. 



TYPE: OFFICE

STREET ADDRESS		BU/40
249 MADERS ST		135/249
CODE	DATE	COMMENTS
		Col 200 on Street Survey peg set at 3m from Kerb.
	11-1-88	Cops removed Boxing ready to pour.
	22-2-88	Finishing Handrails & Hardware
	15-4-88	

Permit No. 



TYPE: OFFICE