P.G.C Inspection Photos and Locations 16 Sept 2010

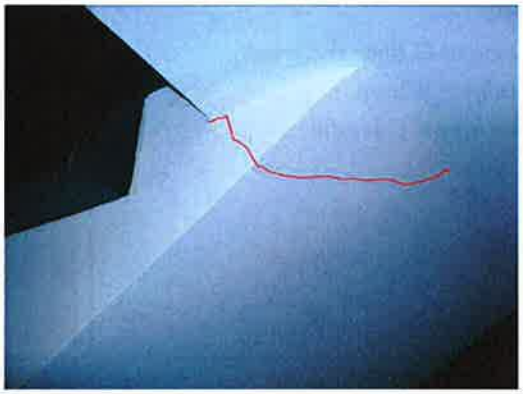
(1)

PGC BUILDING – 233 CAMBRIDGE TCE – CHRISTCHURCH

The following photographic survey relates cracking in concrete wall and stair elements to observations made in site reports and gives general building location for these photographs. Crack patterns have been highlighted in red. Original base photographs have been supplied separately.

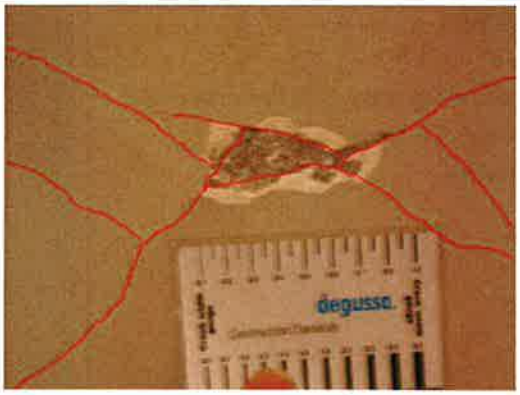
Photos were taken on 16 September 2010. The summary table below has been prepared during April/May 2011 from recollection of crack locations and damage observed on 16 September 2010.

Photographic Summary of Primary Damage Observed – 16 Sept 2010

Damaged Item	Example
Photo 001 Minor cracking to underside stairs to L1 Typically ≤ 0.2mm	
Photo 002 Cracking to G floor shear wall Typically ≤ 0.2mm	
Photo 003 Cracking to G floor shear wall Typically ≤ 0.2mm	

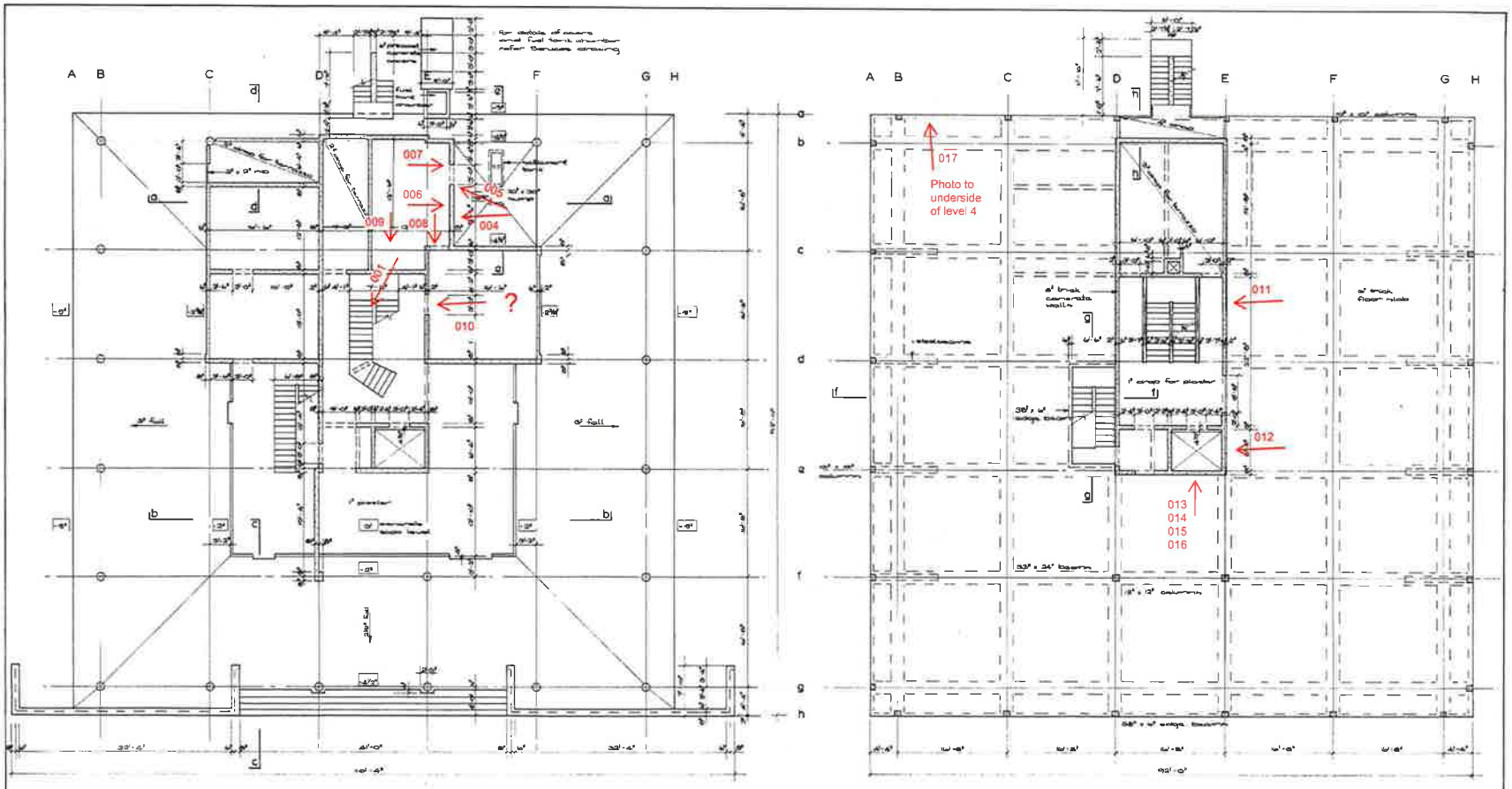
Damaged Item	Example
Photo 004 Cracking to G floor shear wall Typically ≤ 0.2mm Shaded area is Gib infill	
Photo 005 Cracking to G floor shear wall Typically ≤ 0.2mm Shaded area is Gib infill	
Photo 006 Rear of shear wall showing Gib infill Plantroom	
Photo 007 Cracking to G floor shear wall Typically ≤ 0.2mm Plant room	

Damaged Item	Example
Photo 008 Horizontal cracking to G floor shear wall Typically ≤ 0.3mm Plant room	
Photo 009 Horizontal cracking to G floor shear wall Typically ≤ 0.3mm Plant room	
Photo 010 Shear crack to G floor shear wall Typically ≤ 0.2mm	

Damaged Item	Example
Photo 011 Cracking to L1 shear wall Typically ≤ 0.2mm	
Photo 012 Cracking to L1 shear wall Typically ≤ 0.2mm	
Photo 013 Cracking to L1 shear wall in storeroom Crackwidths between 0.2mm – 0.6mm At Lift Core Wall	

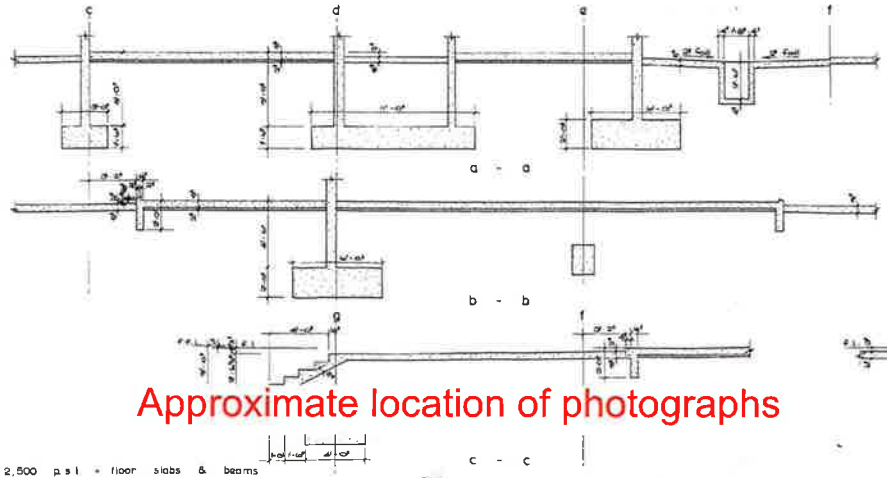
Damaged Item	Example
Photo 014 Cracking to L1 shear wall in storeroom Crackwidths between 0.2mm – 0.6mm At Lift Core Wall	
Photo 015 Cracking to L1 shear wall in storeroom Crackwidths between 0.2mm – 0.6mm At Lift Core Wall	
Photo 016 Cracking to L1 shear wall in storeroom Crackwidths between 0.2mm – 0.6mm At Lift Core Wall	

Damaged Item	Example
Photo 017 Corrosion induced cracking/spalling of spandrel panels Typical panel damage shown	



ground floor

first floor plan



Approximate location of photographs

2,500 p.s.i. - floor slabs & beams

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REVISIONS	CHRISTCHURCH DRAINAGE BOARD NEW OFFICE BUILDING CAMBRIDGE TERRACE		29:10:63 a
	PAUL PASCOE & LINTON ARCHITECTS 93-95 CAMBRIDGE TERRACE	I.L.HOLMES STRUCTURAL ENGINEERS CHRISTCHURCH	FLOOR PLANS Scale 1/8",1/4" to 1'-0" Drawn: F.R.S. / I.E.G.