

CASH SETTLED CLAIM(S)

The following information contains documents relating to claim(s) that were cash settled for the property.

If you require sign off or repair completion documents, they may be obtainable from the contractors who completed the substantive repairs at the property.

Scope of Works



Document explanatory note:

This document provides a summary of the earthquake damage identified by the EQC assessment team. Land, building and room by room damage is listed along with an indication of how this damage is to be repaired. A glossary of terms describing the type of damage that may be listed on your Scope of Works is provided at the end of this document.

Customer: DAWN SMITH

Assessment of Property at 6 JELLICOE STREET, SOUTH NEW BRIGHTON, CHRISTCHURCH 8062 on 19/09/2011

Site

Element	Damage	Repair
Land (Exposed - Soil - 468.00 m2)		

Services

Element	Damage	Repair
Electrical/Power (Grid Under Ground - Wire - 25.00 l/m)	No Earthquake Damage	
Sewerage (Town Connection - PVC Pipe - 25.00 l/m)	No Earthquake Damage	
Storm Water (Town Connection - PVC Pipe - 25.00 l/m)	No Earthquake Damage	
Telephone/Data (Land Line - Copper - 25.00 l/m)	No Earthquake Damage	
Water Supply (Town Connection - Plastic - 25.00 l/m)	No Earthquake Damage	

Main Building

Exterior

Elevation (North 10,2m x 2,3m brick veneer)

Element	Damage	Repair
No Damage		

Elevation (East 17m x 2,3m)

Element	Damage	Repair
Wall Cladding (Brick Veneer - Brick - 27.60 m2)	Cracking	Grind out and repoint mortar 6.00 l/m
Wall Cladding (Block - Concrete - 13.64 m2)	No Earthquake Damage	
Wall framing (Timber Frame - Timber - 28.80 m2)	No Earthquake Damage	

Elevation (West 18m x 2,3m)

Element	Damage	Repair
Wall Cladding (Brick Veneer - Brick - 41.40 m2)	Cracking	Grind out and repoint mortar 1.00 l/m
Wall framing (Timber Frame - Timber - 28.80 m2)	No Earthquake Damage	

Elevation (South 10.2m x 2.3 brick venerr and concrete block)

Element	Damage	Repair
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No Damage

Roof (Metal tile)

Element	Damage	Repair
No Damage		

Foundations (Concrete slab)

Element	Damage	Repair
No Damage		

Interior

Ground Floor - Internal Garage

Room Size: 6.40 x 5.80 = 37.12 (length(m) x width(m) = Area Size(m2))

Stud Height: 2.40 m

Element	Damage	Repair
Ceiling (Gib - Paint - 37.12 m2)	No Earthquake Damage	
Door (External) (Single glass door - Aluminium - 1.00 item)	Cosmetic damage	Realign 1.00 No of
Door (Internal) (Single Hollow Core - Timber - 1.00 No of)	No Earthquake Damage	
Floor (Concrete - Concrete - 37.12 m2)	Cosmetic damage	Grind out and epoxy fill (up to 5mm) 6.00 l/m
Garage door (Tilt-a-door Metal - Steel - 1.00 No of)	No Earthquake Damage	
Wall covering (Gib - Paint - 29.28 m2)	No Earthquake Damage	
Wall covering (Concrete - Brick - 26.84 m2)	Cosmetic damage	Sand, gap fill and paint 12.76 m2
Window (Aluminium Fixed - Pane single glazed - 1.00 No of)	No Earthquake Damage	

Ground Floor - Kitchen (open to dining)

Room Size: 2.90 x 3.20 = 9.28 (length(m) x width(m) = Area Size(m2))

Stud Height: 2.40 m

Element	Damage	Repair
Ceiling (Gib - Paint - 9.28 m2)	No Earthquake Damage	
Floor (Concrete - Cork tiles - 9.28 m2)	Structural damage	Remove, dispose and replace cork tiles 4.25 m2
Heating (Electric - Heat pump - 1.00 item)	No Earthquake Damage	
Kitchen joinery (Standard Spec - MDF - 1.00 item)	No Earthquake Damage	
Range (Free standing oven) (Electric - Standard Electric - 1.00 item)	No Earthquake Damage	
Range Hood (Over Head - Standard spec - 1.00 item)	No Earthquake Damage	
Wall covering (Gib - Paint - 29.28 m2)	No Earthquake Damage	
Window (Bay Window - Pane single glazed - 1.00 No of)	No Earthquake Damage	
Work top (Kitchen work top - Stainless - 6.00 l/m)	No Earthquake Damage	

Ground Floor - Entry

Room Size: 1.27 x 3.90 = 4.95 (length(m) x width(m) = Area Size(m2))

Stud Height: 2.40 m

Element	Damage	Repair
Ceiling (Gib - Paint - 4.95 m2)	Cosmetic Damage	Rake out, plaster and paint 4.95 m2
Door (External) (Single solid Door - Timber - 1.00 item)	No Earthquake Damage	

Door (Internal) (Single Hollow Core - Timber - 1.00 No of) No Earthquake Damage

Floor (Concrete - Carpet - 4.95 m2) No Earthquake Damage

Wall covering (Gib - Paint - 24.82 m2) No Earthquake Damage

Window (Aluminium Fixed - Pane single glazed - 1.00 No of) No Earthquake Damage

Ground Floor - Hallway

Room Size: 0.90 x 4.40 = 3.96 (length(m) x width(m) = Area Size(m2))

Stud Height: 2.40 m

Element	Damage	Repair	
Ceiling (Gib - Paint - 3.96 m2)	No Earthquake Damage		
Door (Internal) (Cavity Slider - Timber - 1.00 No of)	No Earthquake Damage		
Floor (Concrete - Carpet - 3.96 m2)	No Earthquake Damage		
Heating (Electric - Night store - 1.00 item)	No Earthquake Damage		
Wall covering (Gib - Paint - 25.44 m2)	Cosmetic damage	Gap fill cracks	6.00 l/m
	Cosmetic damage	Paint wall	25.44 m2

Ground Floor - Dining Room

Room Size: 4.25 x 3.00 = 12.75 (length(m) x width(m) = Area Size(m2))

Stud Height: 2.40 m

Element	Damage	Repair	
Ceiling (Gib - Paint - 12.75 m2)	Cosmetic Damage	Rake out, plaster and paint	12.75 m2
Floor (Concrete - Carpet - 12.75 m2)	No Earthquake Damage		
Heating (Electric - Night store - 1.00 item)	No Earthquake Damage		
Wall covering (Gib - Paint - 34.80 m2)	Cosmetic damage	Rake out, plaster and paint	34.80 m2
Window (Aluminium Awning - Pane single glazed - 1.00 No of)	No Earthquake Damage		

Ground Floor - Toilet

Room Size: 1.50 x 0.90 = 1.35 (length(m) x width(m) = Area Size(m2))

Stud Height: 2.40 m

Element	Damage	Repair	
Ceiling (Gib - Paint - 1.35 m2)	No Earthquake Damage		
Door (Internal) (Single Hollow Core - Timber - 1.00 No of)	No Earthquake Damage		
Floor (Concrete - Cork tiles - 1.35 m2)	No Earthquake Damage		
Toilet (Standard - Standard Spec - 1.00 item)	No Earthquake Damage		
Wall covering (Gib - Paint - 11.52 m2)	Cosmetic damage	Rake out, plaster and paint	11.52 m2
Window (Aluminium Awning - Pane single glazed - 1.00 No of)	No Earthquake Damage		

Ground Floor - Lounge

Room Size: 4.30 x 5.40 = 23.22 (length(m) x width(m) = Area Size(m2))

Stud Height: 2.40 m

Element	Damage	Repair	
Ceiling (Gib - Paint - 23.22 m2)	No Earthquake Damage		
Door (External) (Sliding / Ranch sliding door - Aluminium - 1.00 item)	No Earthquake Damage		
Floor (Concrete - Carpet - 23.22 m2)	No Earthquake Damage		
Wall covering (Gib - Paint - 46.56 m2)	Cosmetic damage	Rake out, plaster and paint	46.56 m2

Window (Aluminium Awning - Pane single glazed - 4.00 No of) No Earthquake Damage

Ground Floor - Bathroom (Cork tiles on concrete , gib paint walls and ceiling,sg alloy awning window, basin, shower, hollow timber door)

Room Size: 1.80 x 2.40 = 4.32 (length(m) x width(m) = Area Size(m2))

Stud Height: 2.40 m

Element	Damage	Repair
No Damage		

Ground Floor - Bedroom (North)

Room Size: 4.00 x 4.30 = 17.20 (length(m) x width(m) = Area Size(m2))

Stud Height: 2.40 m

Element	Damage	Repair
Ceiling (Gib - Paint - 17.20 m2)	Cosmetic Damage	Rake out, plaster and paint 17.20 m2
Door (Internal) (Single Hollow Core - MDF - 1.00 No of)	No Earthquake Damage	
Door (Internal) (Sliding - MDF - 3.00 No of)	No Earthquake Damage	
Floor (Concrete - Carpet - 17.20 m2)	No Earthquake Damage	
Wall covering (Gib - Paint - 39.84 m2)	Cosmetic damage	Rake out, plaster and paint 39.84 m2
Window (Aluminium Awning - Pane single glazed - 1.00 No of)	No Earthquake Damage	
Window (Aluminium Fixed - Pane single glazed - 1.00 No of)	No Earthquake Damage	

Ground Floor - Bedroom (2nd bedroom)

Room Size: 4.10 x 3.20 = 13.12 (length(m) x width(m) = Area Size(m2))

Stud Height: 2.40 m

Element	Damage	Repair
Ceiling (Gib - Paint - 13.12 m2)	No Earthquake Damage	
Door (Internal) (Single Hollow Core - Timber - 1.00 No of)	No Earthquake Damage	
Floor (Concrete - Carpet - 13.12 m2)	No Earthquake Damage	
Wall covering (Gib - Paint - 35.04 m2)	Cosmetic damage	Rake out, plaster and paint 35.04 m2
Window (Aluminium Awning - Pane single glazed - 1.00 No of)	No Earthquake Damage	

Scope of Works - Glossary of Terms

Cosmetic Damage	Cosmetic damage is used to record repairs to an element that can be done in situ e.g. minor cracking to plasterboard. For example a repair strategy may state "rake, stop and paint" and this is carried out without needing to remove or replace the damaged element. Where the plasterboard for example needs to be removed and replaced, this will be recorded as 'structural damage'.
Impact Damage	Impact damage is where an element or part of a building sustains earthquake damage and then breaks away or collapses causing damage to another part of the building. An example is a chimney that has collapsed and caused damage to roof tiles.
Structural Damage	The term structural damage is used where a repair requires an element to be removed and replaced e.g. major cracking to plasterboard or external cladding that has been dislodged. This term does not relate to the structural integrity of the building as a whole, but to the individual element only.

Additional Information

Building Terms	The Department of Building and Housing website has a comprehensive list of common building terms: http://www.dbh.govt.nz/building-az-wxyz
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EQC Full Assessment Report

Claim Number:	CLM/2011/101565	Assessment Date:	19/09/2011 11:43
Claimant:	DAWN SMITH	Assessor:	Bublitz, Dave
Property Address:	6 JELICOE STREET SOUTH NEW BRIGHTON CHRISTCHURCH 8062	Estimator:	Richards, Brad
		Property Occupied By:	Owner Occupied

Claimant Setup

Type	Name	Home Number	Mobile Number	Work Number	Email Address
Owner	DAWN, SMITH				

Insurance & Mortgage Details

Insurance Details - From Claim Centre

Insurer	Policy Type	Policy Number	Insurance Sighted	Insurance Valid
AA Insurance (AA/SIS/Sun Direct)	Dwelling			
AA Insurance (AA/SIS/Sun Direct)	Contents			

Insurance Details - Added in COMET

Insurer	Policy Type	Policy Number	Insurance Sighted	Insurance Valid
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Insurance Details - Comments

Mortgage Details - From Claim Centre

Bank

Mortgage Details - Added in COMET

Bank
ASB BANK

Mortgage Details - Comments

Opt Out

For repairs costing between \$10,000 and \$100,000 the claimant wishes to manage their own repairs? No

Hazards

Hazards: None evident

Property Sticker: No Sticker

Building Configurations

Leaky Home Syndrome? No

Building Name	Number of floors	Building Finish	Age of house	Footprint	Area (m2)
Main Building	1	Standard	Post 1980	Other	130.69

Full Assessment

Site

Element	Type	Material	Damages	Measure	Rate	Cost
Land	Exposed	Soil	No Earthquake Damage			

General Comments:

Services

Element	Type	Material	Damages	Measure	Rate	Cost
Electrical/Power	Grid Under Ground	Wire	No Earthquake Damage			
Sewerage	Town Connection	PVC Pipe	No Earthquake Damage			
Storm Water	Town Connection	PVC Pipe	No Earthquake Damage			
Telephone/Data	Land Line	Copper	No Earthquake Damage			
Water Supply	Town Connection	Plastic	No Earthquake Damage			

General Comments:

Main Building

Exterior

Elevation (North 10,2m x 2,3m brick veneer)

Damage: No damage

Require Scaffolding? No

General Comments:

Elevation (East 17m x 2,3m)

Damage: Earthquake damage

Require Scaffolding? No

Element	Type	Material	Damages	Measure	Rate	Cost
Wall Cladding	Brick Veneer	Brick	Cracking			
			Grind out and repoint mortar	6.00 l/m	50.00	300.00
Wall Cladding	Block	Concrete	No Earthquake Damage			
Wall framing	Timber Frame	Timber	No Earthquake Damage			

General Comments:

Elevation (West 18m x 2,3m)

Damage: Earthquake damage

Require Scaffolding? No

Element	Type	Material	Damages	Measure	Rate	Cost
Wall Cladding	Brick Veneer	Brick	Cracking			
			Grind out and repoint mortar	1.00 l/m	50.00	50.00
Wall framing	Timber Frame	Timber	No Earthquake Damage			

General Comments:

Elevation (South 10.2m x 2.3 brick venerr and concrete block)

Damage: No damage

Require Scaffolding? No

General Comments:

Roof (Metal tile)

Damage: No damage

Require Scaffolding? No

General Comments:

Foundations (Concrete slab)

Damage: No damage

Require Scaffolding? No

General Comments:

Ground Floor - Internal Garage

Damage: Earthquake damage**Require Scaffolding?** No

Element	Type	Material	Damages	Measure	Rate	Cost
Ceiling	Gib	Paint	No Earthquake Damage			
Door (External)	Single glass door	Aluminium	Cosmetic damage			
			Realign	1.00 No of	90.00	90.00
Door (Internal)	Single Hollow Core	Timber	No Earthquake Damage			
Floor	Concrete	Concrete	Cosmetic damage			
			Grind out and epoxy fill (up to 5mm)	6.00 l/m	60.00	360.00
Garage door	Tilt-a-door Metal	Steel	No Earthquake Damage			
Wall covering	Gib	Paint	No Earthquake Damage			
Wall covering	Concrete	Brick	Cosmetic damage			
			Sand, gap fill and paint	12.76 m2	39.00	497.64
Window	Aluminium Fixed	Pane single glazed	No Earthquake Damage			

General Comments:**Ground Floor - Kitchen (open to dining)****Damage:** Earthquake damage**Require Scaffolding?** No

Element	Type	Material	Damages	Measure	Rate	Cost
Ceiling	Gib	Paint	No Earthquake Damage			
Floor	Concrete	Cork tiles	Structural damage			
			Remove, dispose and replace cork tiles	4.25 m2	215.00	913.75
Heating	Electric	Heat pump	No Earthquake Damage			
Kitchen joinery	Standard Spec	MDF	No Earthquake Damage			
Range (Free standing oven)	Electric	Standard Electric	No Earthquake Damage			
Range Hood	Over Head	Standard spec	No Earthquake Damage			
Wall covering	Gib	Paint	No Earthquake Damage			
Window	Bay Window	Pane single glazed	No Earthquake Damage			
Work top	Kitchen work top	Stainless	No Earthquake Damage			

General Comments: Crack in cork floor tiles could be because of a crack in the slab. To be confirmed once tiles lifted.**Ground Floor - Entry****Damage:** Earthquake damage**Require Scaffolding?** No

Element	Type	Material	Damages	Measure	Rate	Cost
Ceiling	Gib	Paint	Cosmetic Damage			
			Rake out, plaster and paint	4.95 m2	27.00	133.73
Door (External)	Single solid Door	Timber	No Earthquake Damage			
Door (Internal)	Single Hollow Core	Timber	No Earthquake Damage			
Floor	Concrete	Carpet	No Earthquake Damage			
Wall covering	Gib	Paint	No Earthquake Damage			
Window	Aluminium Fixed	Pane single glazed	No Earthquake Damage			

General Comments:**Ground Floor - Hallway****Damage:** Earthquake damage**Require Scaffolding?** No

Element	Type	Material	Damages	Measure	Rate	Cost
Ceiling	Gib	Paint	No Earthquake Damage			
Door (Internal)	Cavity Slider	Timber	No Earthquake Damage			
Floor	Concrete	Carpet	No Earthquake Damage			
Heating	Electric	Night store	No Earthquake Damage			
Wall covering	Gib	Paint	Cosmetic damage			
			Gap fill cracks	6.00 l/m	12.00	72.00

Wall covering	Gib	Paint	Cosmetic damage			
			Paint wall	25.44 m2	24.00	610.56

General Comments:**Ground Floor - Dining Room****Damage:** Earthquake damage**Require Scaffolding?** No

Element	Type	Material	Damages	Measure	Rate	Cost
Ceiling	Gib	Paint	Cosmetic Damage			
			Rake out, plaster and paint	12.75 m2	27.00	344.25
Floor	Concrete	Carpet	No Earthquake Damage			
Heating	Electric	Night store	No Earthquake Damage			
Wall covering	Gib	Paint	Cosmetic damage			
			Rake out, plaster and paint	34.80 m2	27.00	939.60
Window	Aluminium Awning	Pane single glazed	No Earthquake Damage			

General Comments:**Ground Floor - Toilet****Damage:** Earthquake damage**Require Scaffolding?** No

Element	Type	Material	Damages	Measure	Rate	Cost
Ceiling	Gib	Paint	No Earthquake Damage			
Door (Internal)	Single Hollow Core	Timber	No Earthquake Damage			
Floor	Concrete	Cork tiles	No Earthquake Damage			
Toilet	Standard	Standard Spec	No Earthquake Damage			
Wall covering	Gib	Paint	Cosmetic damage			
			Rake out, plaster and paint	11.52 m2	27.00	311.04
Window	Aluminium Awning	Pane single glazed	No Earthquake Damage			

General Comments:**Ground Floor - Lounge****Damage:** Earthquake damage**Require Scaffolding?** No

Element	Type	Material	Damages	Measure	Rate	Cost
Ceiling	Gib	Paint	No Earthquake Damage			
Door (External)	Sliding / Ranch sliding door	Aluminium	No Earthquake Damage			
Floor	Concrete	Carpet	No Earthquake Damage			
Wall covering	Gib	Paint	Cosmetic damage			
			Rake out, plaster and paint	46.56 m2	27.00	1,257.12
Window	Aluminium Awning	Pane single glazed	No Earthquake Damage			

General Comments:**Ground Floor - Bathroom (Cork tiles on concrete , gib paint walls and ceiling,sg alloy awning window, basin, shower, hollow timber door)****Damage:** No damage**Require Scaffolding?** No**General Comments:****Ground Floor - Bedroom (North)****Damage:** Earthquake damage**Require Scaffolding?** No

Element	Type	Material	Damages	Measure	Rate	Cost
Ceiling	Gib	Paint	Cosmetic Damage			
			Rake out, plaster and paint	17.20 m2	27.00	464.40
Door (Internal)	Single Hollow Core	MDF	No Earthquake Damage			
Door (Internal)	Sliding	MDF	No Earthquake Damage			
Floor	Concrete	Carpet	No Earthquake Damage			
Wall covering	Gib	Paint	Cosmetic damage			

Wall covering	Gib	Paint	Rake out, plaster and paint	39.84 m2	27.00	1,075.68
Window	Aluminium Awning	Pane single glazed	No Earthquake Damage			
Window	Aluminium Fixed	Pane single glazed	No Earthquake Damage			

General Comments:**Ground Floor - Bedroom (2nd bedroom)****Damage:** Earthquake damage**Require Scaffolding?** No

Element	Type	Material	Damages	Measure	Rate	Cost
Ceiling	Gib	Paint	No Earthquake Damage			
Door (Internal)	Single Hollow Core	Timber	No Earthquake Damage			
Floor	Concrete	Carpet	No Earthquake Damage			
Wall covering	Gib	Paint	Cosmetic damage			
			Rake out, plaster and paint	35.04 m2	27.00	946.08
Window	Aluminium Awning	Pane single glazed	No Earthquake Damage			

General Comments:**Fees****Fees**

Name	Duration	Estimate
Scaffold hire - Mobile single lift aluminium	0.00	0.00
Contents movement fee	1.00	522.78
Small Job Fee	1.00	180.00

Overheads

Name	Estimate
Preliminary and general	669.27
Margin	973.79
GST	1,606.75

Scope Of Works Estimate

Property

Description	Estimate
Site	0.00
Services	0.00
	0.00

Main Building

Name	Description	Estimate
Exterior	Foundations (Concrete slab)	0.00
	Elevation (East 17m x 2,3m)	300.00
	Roof (Metal tile)	0.00
	Elevation (North 10,2m x 2,3m brick veneer)	0.00
	Elevation (South 10.2m x 2.3 brick venerr and concrete block)	0.00
	Elevation (West 18m x 2,3m)	50.00
		350.00

Floor	Description	Estimate
Ground Floor	Bathroom (Cork tiles on concrete , gib paint walls and ceiling,sg alloy awning window, basin, shower, hollow timber door)	0.00
	Bedroom (2nd bedroom)	946.08
	Bedroom (North)	1,540.08
	Dining Room	1,283.85
	Entry	133.73
	Hallway	682.56
	Internal Garage	947.64
	Kitchen (open to dining)	913.75
	Lounge	1,257.12
	Toilet	311.04
		8,015.85
		8,015.85

Fees

Description	Estimate
Scaffold hire - Mobile single lift aluminium	0.00
Contents movement fee	522.78
Small Job Fee	180.00
	702.78

Overheads

Description	Estimate
Preliminary and general	669.27
Margin	973.79
GST	1,606.75
	3,249.81
Total Estimate	12,318.44

Inspection Sign Off

Description	Answer	comments
Contents Damage		
Has the contents schedule been left with claimant?	No	
Have the contents been sighted?	No	
Land Damage		
Is there land damage?	No	
Landslip damage has been assessed on paper	No	
Was a full inspection done?		
In roof space	Yes	
On roof?	Yes	
Under sub floor?	No	Concrete slab
Decline Claim		
Recommend Declining Claim	No	
Next Action:		

Previous Claim Numbers (recorded manually in field)

- 2011/071369
- 2011/055022

File Notes

Date Created: 19/09/2011 11:39
Created : Bublitz, Dave
Subject: Full assessment
Note: Flat rear section. Single story brick clad house on concrete slab with metal tile roof. Habitable and weatherproof. Outside, cosmetic step cracks to brick cladding. Inside, cosmetic gib cracks to walls and ceiling. Please note, once cork tiles are lifted in the kitchen check slab for crack.
Next Action:

Date Created: 23/09/2011 17:53
Created : Administrator, Alchemy
Subject: COMET sent to EQR on 23/09/2011
Note: COMET sent to EQR on 23/09/2011
Next Action:

Urgent Works Items

EQC Claim Assessment

Address	6 JELlicoe STREET, SOUTH NEW BRIGHTON, CHRISTCHURCH, 8062	EQC Claim Number	CLM/2011/101565
Hazards	None evident	EQC Assessor (L,F)	Bublitz, Dave
Inspection Date	19-Sep-2011	Placard	No Sticker
		EQC Estimator (L,F)	Richards, Brad

Claimants

Name	Home Phone	Work Phone	Mobile Phone	Email Address
SMITH DAWN				

Property Detail - Services

Element	Description / Damage / Repair Strategy	Measure
Electrical/Power	Grid Under Ground, Wire	25 m
Telephone/Data	Land Line, Copper	25 m
Storm Water	Town Connection, PVC Pipe	25 m
Water Supply	Town Connection, Plastic	25 m
Sewerage	Town Connection, PVC Pipe	25 m

Property Detail - Site

Element	Description / Damage / Repair Strategy	Measure
Land	Exposed, Soil	468 m ²

MAIN BUILDING	Age	Post 1980	Area	130.7m ²	Footprint	Other
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Structure

Element	Description / Damage / Repair Strategy	Measure
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Elevation (South 10.2m x 2.3 brick veneer and concrete block)

Element	Description / Damage / Repair Strategy	Measure
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Elevation (North 10.2m x 2.3m brick veneer)

Element	Description / Damage / Repair Strategy	Measure
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Elevation (East 17m x 2.3m)

Wall framing	Timber Frame, Timber (28.80 m ²)	
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Wall cladding	Block, Concrete (13.64 m ²)	
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Wall cladding	Brick veneer, Brick (27.60 m ²)	
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Cracking

Grind out and repoint mortar 6 m

Element	Description / Damage / Repair Strategy	Measure
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Elevation (West 18m x 2.3m)

Wall framing	Timber Frame, Timber (28.80 m ²)	
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Wall cladding	Brick veneer, Brick (41.40 m ²)	
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Cracking

Grind out and repoint mortar 1 m

EQC Claim Number CLM/2011/101565

Element	Description / Damage / Repair Strategy	Measure
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Foundations (Concrete slab)

Element	Description / Damage / Repair Strategy	Measure
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Roof (Metal tile)**Ground Floor**

Room / Element	Description / Damage / Repair Strategy	Measure
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Internal Garage (L=5.8m W=6.4m H=2.4m)

Ceiling	Gib, Paint (37.12 m2)	
Wall covering	Gib, Paint (29.28 m2)	
Door (Internal)	Single Hollow Core, Timber (1.00 No of)	
Window	Aluminium Fixed, Pane single glazed (1.00 No of)	
Floor	Concrete (37.12 m2)	
	Cosmetic damage	
	Grind out and epoxy fill (up to 5mm)	6 m
Wall covering	Concrete, Brick (26.84 m2)	
	Cosmetic damage	
	Sand, gap fill and paint	12.76 m2
Garage door	Tilt-a-door Metal, Steel (1.00 No of)	
Door (External)	Single glass door, Aluminium (1.00 Item)	
	Cosmetic damage	
	Realign	1 No of

Room - Additional Notes:**Kitchen open to dining (L=3.2m W=2.9m H=2.4m)**

Wall covering	Gib, Paint (29.28 m2)	
Ceiling	Gib, Paint (9.28 m2)	
Work top	Kitchen work top, Stainless (6.00 m)	
Range Hood	Over Head, Standard spec (1.00 Item)	
Floor	Concrete, Cork tiles (9.28 m2)	
	Structural damage	
	Remove, dispose and replace cork tiles	4.25 m2
Range (Free standing oven)	Electric, Standard Electric (1.00 Item)	
Heating	Electric, Heat pump (1.00 Item)	
Kitchen joinery	Standard Spec, MDF (1.00 Item)	
Window	Bay Window, Pane single glazed (1.00 No of)	

Room - Comments: Crack in cork floor tiles could be because of a crack in the slab. To be confirmed once tiles lifted.**Room - Additional Notes:****Entry (L=3.9m W=1.3m H=2.4m)**

Ceiling	Gib, Paint (4.95 m2)	
	Cosmetic Damage	

EQC Claim Number CLM/2011/101565

Rake out, plaster and paint 4.95 m2

Wall covering	Gib, Paint (24.82 m2)
Door (Internal)	Single Hollow Core, Timber (1.00 No of)
Window	Aluminium Fixed, Pane single glazed (1.00 No of)
Floor	Concrete, Carpet (4.95 m2)
Door (External)	Single solid Door, Timber (1.00 Item)

Room - Additional Notes:**Hallway (L=4.4m W=0.9m H=2.4m)**

Ceiling	Gib, Paint (3.96 m2)
Wall covering	Gib, Paint (25.44 m2)
	Cosmetic damage
	Gap fill cracks 6 m
	Paint wall 25.44 m2
Floor	Concrete, Carpet (3.96 m2)
Heating	Electric, Night store (1.00 Item)
Door (Internal)	Cavity Slider, Timber (1.00 No of)

Room - Additional Notes:**Dining Room (L=3.0m W=4.3m H=2.4m)**

Wall covering	Gib, Paint (34.80 m2)
	Cosmetic damage
	Rake out, plaster and paint 34.8 m2
Ceiling	Gib, Paint (12.75 m2)
	Cosmetic Damage
	Rake out, plaster and paint 12.75 m2
Window	Aluminium Awning, Pane single glazed (1.00 No of)
Floor	Concrete, Carpet (12.75 m2)
Heating	Electric, Night store (1.00 Item)

Room - Additional Notes:**Toilet (L=0.9m W=1.5m H=2.4m)**

Ceiling	Gib, Paint (1.35 m2)
Wall covering	Gib, Paint (11.52 m2)
	Cosmetic damage
	Rake out, plaster and paint 11.52 m2
Door (Internal)	Single Hollow Core, Timber (1.00 No of)
Toilet	Standard, Standard Spec (1.00 Item)
Window	Aluminium Awning, Pane single glazed (1.00 No of)
Floor	Concrete, Cork tiles (1.35 m2)

EQC Claim Number CLM/2011/101565

Room - Additional Notes:**Lounge (L=5.4m W=4.3m H=2.4m)**

Ceiling	Gib, Paint (23.22 m2)	
Wall covering	Gib, Paint (46.56 m2)	
	Cosmetic damage	
	Rake out, plaster and paint	46.56 m2
Window	Aluminium Awning, Pane single glazed (4.00 No of)	
Floor	Concrete, Carpet (23.22 m2)	
Door (External)	Sliding / Ranch sliding door, Aluminium (1.00 Item)	

Room - Additional Notes:

Bathroom Cork tiles on concrete , gib paint walls and ceiling,sg alloy awning window, basin, shower, hollow timber door (L=2.4m W=1.8m H=2.4m)

Room - Additional Notes:**Bedroom North (L=4.3m W=4.0m H=2.4m)**

Wall covering	Gib, Paint (39.84 m2)	
	Cosmetic damage	
	Rake out, plaster and paint	39.84 m2
Ceiling	Gib, Paint (17.20 m2)	
	Cosmetic Damage	
	Rake out, plaster and paint	17.2 m2
Door (Internal)	Single Hollow Core, MDF (1.00 No of)	
Window	Aluminium Awning, Pane single glazed (1.00 No of)	
Window	Aluminium Fixed, Pane single glazed (1.00 No of)	
Floor	Concrete, Carpet (17.20 m2)	
Door (Internal)	Sliding, MDF (3.00 No of)	

Room - Additional Notes:**Bedroom 2nd bedroom (L=3.2m W=4.1m H=2.4m)**

Ceiling	Gib, Paint (13.12 m2)	
Wall covering	Gib, Paint (35.04 m2)	
	Cosmetic damage	
	Rake out, plaster and paint	35.04 m2
Door (Internal)	Single Hollow Core, Timber (1.00 No of)	
Window	Aluminium Awning, Pane single glazed (1.00 No of)	
Floor	Concrete, Carpet (13.12 m2)	

Room - Additional Notes:

THE FLETCHER CONSTRUCTION COMPANY
Helping the recovery in
CANTERBURY AS AGENT
OF EQC

This form should be read in conjunction with the EQC Scope of Works and/or Statement of Claim. The work described in these two documents covers the full scope of the work for the property. Please scan document and send through Aconex. Please ensure that the property is scoped and identified by individual rooms and areas.

Fletcher EQR has recorded the above scope changes to the EQC assessed Scope of Work at this property.
The above scope changes should be added to the EQC assessed Scope of Work

Signature & Date

CHRIS STEVENS

29/4/11
24/4/12



BURBIDGE
DEVELOPMENTS LTD ©

TOM BURBIDGE

DIRECTOR

P 0223404275

E burbidgedevelopments@gmail.com

Quote No. BDL017

Quote Date: 1/04/15

*Quote is valid for 31 days.

Quote To: Dawn Smith

BUILDING BETTER BUILDINGS™

Address	Description	Rate per lm	Qty of lm	Total
6 Jellicoe Street	Epoxy repair to slab crack	\$150	22	\$ 3,300.00

Sub total (Excl. GST)	\$ 3,300.00
GST	\$ 495.00
Total	\$ 3,795.00

To whom it may concern,

As requested, here is a fixed price quote for the crack repair to the garage slab at 6 Jellicoe Street. The cracking will be opened up, filled with epoxy untill full and then left flat with a grinder. The process will take three consecutive days to be confirmed by owner/appropriate person.

For any more information please don't hesitate to contact me.

Best Regards

Tom Burbidge

Director of Crack Doctors Ltd.

Director of Burbidge Developments Ltd.

Thank you for your business with Burbidge Developments Limited.

EARTHQUAKE RECOVERY (EQR) DOCUMENTATION

The documents within the Earthquake Recovery Documentation section, encompass all works completed under the Canterbury Home Repair Programme (CHRP). These contain assessments, contractor quotes, work orders and sign offs.

Released under the Official Information Act 1982
EQR Property Overview Report

Company Fletcher EQR (division of FCC) as agent for EQC

Printed Date: 27-04-2018

EQC Property ID	Property Address	Vulnerable?	Property F Status	Property Finalisation Indicator		
2010055022	6 JELICOE STREET, SOUTH NEW BRIGHTON		F3 - Complete & Finalised	Some Finalisation has taken place		
Main Contractor:	CLOSED OUT-Citywide Builders Limited - In Liquidation ***** (S144)		Property F2'd By:	System Generated Finalisation	F2 Completed Date:	24-04-2015
Cont Managing Hub:	<UNALLOCATED>	Not Vulnerable	Property F3'd By:	System Generated Finalisation	F3 Completed Date:	24-04-2015

Adjustments

				Original Budget			Budget Variation			Gross Claimed	Gross Certified
EQC Claim Number + Address	Project	Status	Unmapped Adjmt Lines	Total OB	Allocated	Unallocated	Total BV	Allocated	Unallocated		
CLM/2011/101565 6 JELICOE STREET	E013	F3	0	0.00	0.00	0.00	400.80	400.80	0.00	400.80	400.80
Property Total			0	0.00	0.00	0.00	400.80	400.80	0.00	400.80	400.80

Assignments

EQC Claim Number + Address	Assignment	Subcontractor Hub Comments	Workflow Status	Contractor Quote	Adjustment Line Count	Gross Claimed	Gross Certified
CC + Hub Status							
CLM/2011/101565 6 JELICOE STREET	Substantive Works - Primary	CLOSED OUT-Citywide Builders Limited - In Liquidation ***** (S144)	NOT REQUIRED	13,404.76	0	0.00	0.00
	Transmitted To Hub -> Not Required - Paid Out Confirmed	CONFIRMED PAID OUT ADVISED VIA EQC-CLIENTCOM-005622					
CLM/2011/101565 6 JELICOE STREET	Emergency Works - Primary	CLOSED OUT-Citywide Builders Limited - In Liquidation ***** (S144)	COMPLETIONS	0.00	1	180.00	180.00
	Allocated To Hub -> Awaiting Claim File Review	inv:00002800 3eased aluminium door to garage. 13/2/12 MS					
CLM/2011/101565 6 JELICOE STREET	Emergency Works - Primary	CLOSED OUT-Smiths City Southern Limited t/a Alectra ***** (S352)	COMPLETIONS	220.80	1	220.80	220.80
	Allocated To Hub -> Claim File Review Complete	night store heater needs repairing, Heat pump only only gives out 10% air					
Property Total				13,625.56	2	400.80	400.80

No Works Orders on this Property

Released under the Official Information Act 1982
EQR Property Overview Report

Company Fletcher EQR (division of FCC) as agent for EQC

Printed Date: 27-04-2018

EQC Property ID	Property Address	Vulnerable?	Property F Status	Property Finalisation Indicator		
2010055022	6 JELICOE STREET, SOUTH NEW BRIGHTON		F3 - Complete & Finalised	Some Finalisation has taken place		
Main Contractor:	CLOSED OUT-Citywide Builders Limited - In Liquidation ***** (S144)		Property F2'd By:	System Generated Finalisation	F2 Completed Date:	24-04-2015
Cont Managing Hub:	<UNALLOCATED>	Not Vulnerable	Property F3'd By:	System Generated Finalisation	F3 Completed Date:	24-04-2015

Claims / Certs / Payables

S144	CLOSED OUT-Citywide Builders Limited - In Liquidation *****									
EQC Claim Num	Line Type	Approval Type	Claim No	Claimed By	Remaining	Claim Date	This Claim			
CLM/2011/101565	E5Emg BV	Emergency Under 2k (Delegated)	19	EQR\EddieC	\$0.00	15-Feb-2012	\$180.00			
EQC Claim Num	Line Type	Approval Type	Cert No	Certified By	Remaining	Certified Date	This Cert	Cert Line Notes		
CLM/2011/101565	E5Emg BV	Emergency Under 2k (Delegated)	18	EQR\EddieC	\$0.00	15-Feb-2012	\$180.00			
S144	CLOSED OUT-Citywide Builders Limited - In Liquidation ***** Total					Claims	\$180.00	Certs	\$180.00 Payables	\$0.00
S352	CLOSED OUT-Smiths City Southern Limited t/a Alectra *****									
EQC Claim Num	Line Type	Approval Type	Claim No	Claimed By	Remaining	Claim Date	This Claim			
CLM/2011/101565	E5Emg BV	Emergency Under 2k (Delegated)	11	EQR\MichaelR	\$0.00	15-Nov-2012	\$220.80			
EQC Claim Num	Line Type	Approval Type	Cert No	Certified By	Remaining	Certified Date	This Cert	Cert Line Notes		
CLM/2011/101565	E5Emg BV	Emergency Under 2k (Delegated)	11	EQR\MichaelR	\$0.00	15-Nov-2012	\$220.80	0380280		
S352	CLOSED OUT-Smiths City Southern Limited t/a Alectra ***** Total					Claims	\$220.80	Certs	\$220.80 Payables	\$0.00
Property Total						Claims	\$400.80	Certs	\$400.80 Payables	\$0.00

No Open Complaints / Remedial Issues on this Property

No Finalisation Documents on this Property

No Technical Services Referrals on this Property

Released under the Official Information Act 1982
EQR Property Overview Report

Company Fletcher EQR (division of FCC) as agent for EQC

Printed Date: 27-04-2018

EQC Property ID	Property Address	Vulnerable?	Property F Status	Property Finalisation Indicator		
2010055022	6 JELICOE STREET, SOUTH NEW BRIGHTON		F3 - Complete & Finalised	Some Finalisation has taken place		
Main Contractor:	CLOSED OUT-Citywide Builders Limited - In Liquidation ***** (S144)		Property F2'd By:	System Generated Finalisation	F2 Completed Date:	24-04-2015
Cont Managing Hub:	<UNALLOCATED>	Not Vulnerable	Property F3'd By:	System Generated Finalisation	F3 Completed Date:	24-04-2015

Asbestos Test Information

EQC Claim Number	Claim Address	Asbestos Test Required?	Asbestos Test Result			
CLM/2011/101565	6 JELICOE STREET	<NOT SPECIFIED>	<NOT SPECIFIED>			

Property Total	Number of Claims:	1
-----------------------	--------------------------	----------

Contractors

Contractor	Accreditation Status	Accreditation Number	Classification	Type of Work on the Property	
S352 CLOSED OUT-Smiths City Southern Limited t/a Alectra *****	Rationalised	Heating/Emergency	Heating Contractor	Emergency Works	
S144 CLOSED OUT-Citywide Builders Limited - In Liquidation *****	No longer wishes to work	EQRC0106	Main Contractor	Substantive Works, Emergency Works	

Property Total	Number of Contractors:	2
-----------------------	-------------------------------	----------

[illegible]

Citywide Builders Ltd



5 Penn Place, Upper Riccarton, Christchurch 8041

P O Box 6522 Upper Riccarton, Chch 8442

T 03 341 8150 F 03 341 8170

E admin@citywidebuilders.co.nz

W www.citywidebuilders.co.nz

10/02/2012

PG. 1

Tax Invoice No: 00002800

Dawn Smith
6 Jellicoe Street
South New Brighton
Christchurch

Tel: [REDACTED]

Fax:

Email:

GST NO: 97-390-827

This is a payment claim under the Construction Contracts Act 2002

TOTAL
PRICE

ACCREDITATION # EQRC0106

CLAIM NO: 2011/101565

Emergency works order to ease aluminium door to garage

Builder's Labour - 2 guys - 4 hours

\$180.00

ENTERED
10/02/12

Thank you for giving Citywide Builders the opportunity to carry out work for you. We really do appreciate your business

Payment to be made on receipt of invoice please

Bank Account Details

WESTPAC 03 0854 0794262 00

Please post your cheque to P. O. Box 6522, Upper Riccarton, Chch 8442

SALE AMOUNT	\$180.00
GST	<u>\$27.00</u>
TOTAL	<u>\$207.00</u>
APPLIED TO DATE	\$0.00
BALANCE DUE	<u>\$207.00</u>

DAWN SMITH
6 JELICOE ST
SOUTH BRIGHTON
CHRISTCHURCH 8062

Estimate: 00007744

Date: 13/03/2012

GST No: 87-600-823

Contact Ph: [REDACTED]

QTY.	DESCRIPTION	AMOUNT
	CLAIM NUMBER TBC	
	AS A RESULT OF THE EARTHQUAKES THE NIGHT STORE HEATER HAS BEEN DAMAGED. AT THIS STAGE IT IS UNDETERMINED TO THE EXTENT OF THE DAMAGE. IT MAY BE POSSIBLE TO REPAIR THE EXISTING HEATER AND TYPICALLY COSTING'S FOR THIS ARE LISTED HERE. SHOULD IT PROVE UNECONOMICAL THE ADDITIONAL COST OF A REPLACEMENT HEATER AND ITS ADDITIONAL LABOUR REQUIREMENT WOULD BE INCURRED AND YOU WOULD BUDGET \$843+GST FOR THIS.	
1	TIMBER AND FIXINGS	\$22.50
1	VEHICLE CHARGE	\$35.00
2.5	REGISTERED TRADESMAN \$58+GST/HOUR	\$145.00
	Subtotal	\$202.50
	THERE MAY ME SOME ADDITIONAL COST FOR EXTRA MATERIALS WHERE A INSTALLATION IS FOUND TO FALL SHORT OF THE REQUIRED FIXINGS AND SUITABILITY OF THE CONNECTION.	
	DURING WINTER 70% OF OUR WORK INVOLVES THE REPAIR OF NIGHT STORE HEATERS INSTALLED BY OTHER CONTRACTORS. IT IS NOT A JOB FOR ANY ELECTRICIAN. THEIR IS A LOT OF SCOPE FOR SHORTCUTS AND HOMEOWNERS NOT TO RECEIVE THE FULL BENEFITS OF NIGHT RATES. THAT'S WHY WE ADVERTISE AS A SPECIALIST.	

TERMS OF PAYMENT: 14 DAYS FROM DATE OF INVOICE.

On-line banking available. Please use your invoice number as your reference.

ANZ Hornby 0108110075663 00

PRICE

If this invoice is not paid within 30 days of the due date, our debt collection agent may charge a fee equal to 25% of the unpaid portion of this invoice.

REMITTANCE ADVICE - PLEASE RETURN WITH PAYMENT

DAWN SMITH
6 JELICOE ST
SOUTH BRIGHTON
CHRISTCHURCH 8062

Star Electrical Ltd
P.O. Box 9032
Christchurch

13/03/2012

Quote No.00007744

PRICE

THANK YOU FOR CHOOSING US

DAWN SMITH
6 JELICOE ST
SOUTH BRIGHTON
CHRISTCHURCH 8062

Estimate: 00007744

Date: 13/03/2012

GST No: 87-600-823

Contact Ph: [REDACTED]

QTY.	DESCRIPTION	AMOUNT
	THANK YOU FOR THE WORK.	
TERMS OF PAYMENT: 14 DAYS FROM DATE OF INVOICE. On-line banking available. Please use your invoice number as your reference. ANZ Hornby 0108110075663 00		\$202.50
		\$30.38
PRICE		\$232.88

If this invoice is not paid within 30 days of the due date, our debt collection agent may charge a fee equal to 25% of the unpaid portion of this invoice.

REMITTANCE ADVICE - PLEASE RETURN WITH PAYMENT

DAWN SMITH
6 JELICOE ST
SOUTH BRIGHTON
CHRISTCHURCH 8062

Star Electrical Ltd
P.O. Box 9032
Christchurch

13/03/2012

Quote No.00007744

PRICE \$232.88

THANK YOU FOR CHOOSING US

LAND DOCUMENTS

The following information contains documents relating to the land assessments that were either cash settled or declined:

The attached land document(s) help NHC Toka Tū Ake identify information that may be relevant to its assessment of your residential land claims. They are not intended to form a complete technical report on land damage to your land. The land information, including valuations, repair costs and estimates, do not necessarily reflect the final land settlement received

Inspection Summary

EQC

Completed by: M. DINGWALLDate: 5/2/13
dd / mm / yy

Page: 1 of 1



CLM / 2011 / 1015651
DAWN SMITH
6 JELICOE STREET
SOUTH NEW BRIGHTON
CHRISTCHURCH
H: [REDACTED]

Time arrived at site: 11 : 30 Time left site: 12 : 00 Was an inspection carried out? Yes ☒ No ☐

Customer present: Yes ☒ No ☐Customer Name: DAWN SMITH

Access denied Loose dogs Other If other, please provide reason

If No inspection carried out, why not?: ☐ ☐ ☐

Where an inspection has been conducted:

Yes No

Notes

- Any land damage under the main access way or other hard surfaces?

☒ ☐DAMAGED CONCRETE PATHWAY

- Were any bridges or culverts damaged within EQC Cover?

☐ ☒

- Were any retaining walls damaged within EQC Cover?

☐ ☒

- Is an engineer required?

☐ ☒

- Is a valuation required?

☐ ☒

- Is a resource consent required for any remediation work? (proximity to protected trees and waterways)

☐ ☒

- Has anything in this pack been escalated?

☐ ☒

- Customer has advised of invoices for emergency work?

☒ ☐

- Customer advised of next action?

☒ ☐

- Was any silt found under the dwelling?

☐ ☒

- If there was nil damage, why was that?

Building removed ☐Building repairs have fixed ☐No visible damage ☐

Land Damage to Area A? If Yes, add details

Yes ☐ No ☒

Land Damage to Area B? If Yes, add details

Yes ☐ No ☒

Land Damage to Area C? If Yes, add details

Yes ☒ No ☐ DAMAGED CONCRETE PATHWAYTotal m² of Damaged Land: 10.23 m²Notional Land Damage Value @\$300/m² (Incl GST):\$ 3069.00

Comments

CHECKED

Next action FOR SETTLEMENT

Scope of Works

EQC

Completed by: M. DINGWALL

Date:

5/2/13

dd / mm / yy

Page: 1 of 1



CLM / 2011 / 101565

DAWN SMITH

6 JELlicoe STREET

SOUTH NEW BRIGHTON

CHRISTCHURCH

H:

Description:

Damage to Land

Repair Strategy: Removal and/or import materials and labour to repair land

10.23

m²

Description - Removal of Debris/Minor Works	Units	Length	Breadth	Depth	Quantity	Rate	Cost
Transporter- machine	each					\$160.00	
Machine Hire	hrs					\$110.00	
Truck Hire	hrs					\$100.00	
Labour	hrs					\$45.00	
Contaminated Spoil Removal	m ³					\$100.00	
Spoil Removal/Tip Fees (clean)	m ³					\$20.00	
Skip (4m ³)	each					\$190.00	
Materials	each						

NB A Small/Minor Works cost may only be applied when the total area of land damage is under 15m² and no debris removal is required.

Description	Units	Length	Breadth	Depth	Quantity	Rate	Cost
Land Under Residential Buildings (Type 'A') - Supply and Level Hard fill	m ²					\$12.00	
Land Under Access way (Type 'B') - Supply and Level Hard fill	m ²					\$12.00	
Land Under Paved/Patio + Concrete Area (Type 'C') - Supply and Level Hard fill	m ²	9.3	1.1	0.1	10.23	\$12.00	122.76
Undulating Lawn Areas (Type 'C') - Level and Seed	m ²					\$10.00	
Lateral Spread Cracks under 10mm but greater than 5mm	Lm					\$25.00	
Lateral Spread Cracks greater than 10mm	Lm					\$90.00	

* Unit categories to be used as follows:

Each, Sheet, Kilogram, Linear metre, Square metre, Cubic metre,
Per hour, Per day, Per week.

Cubic metre calculations must include length, breadth and depth figures.

Square metre calculations must include length and breadth figures.

Sub-total

122.76

P&G, Margin & GST Figure
x 1.3662

44.95

Total

167.71



CHECKED

V1.22

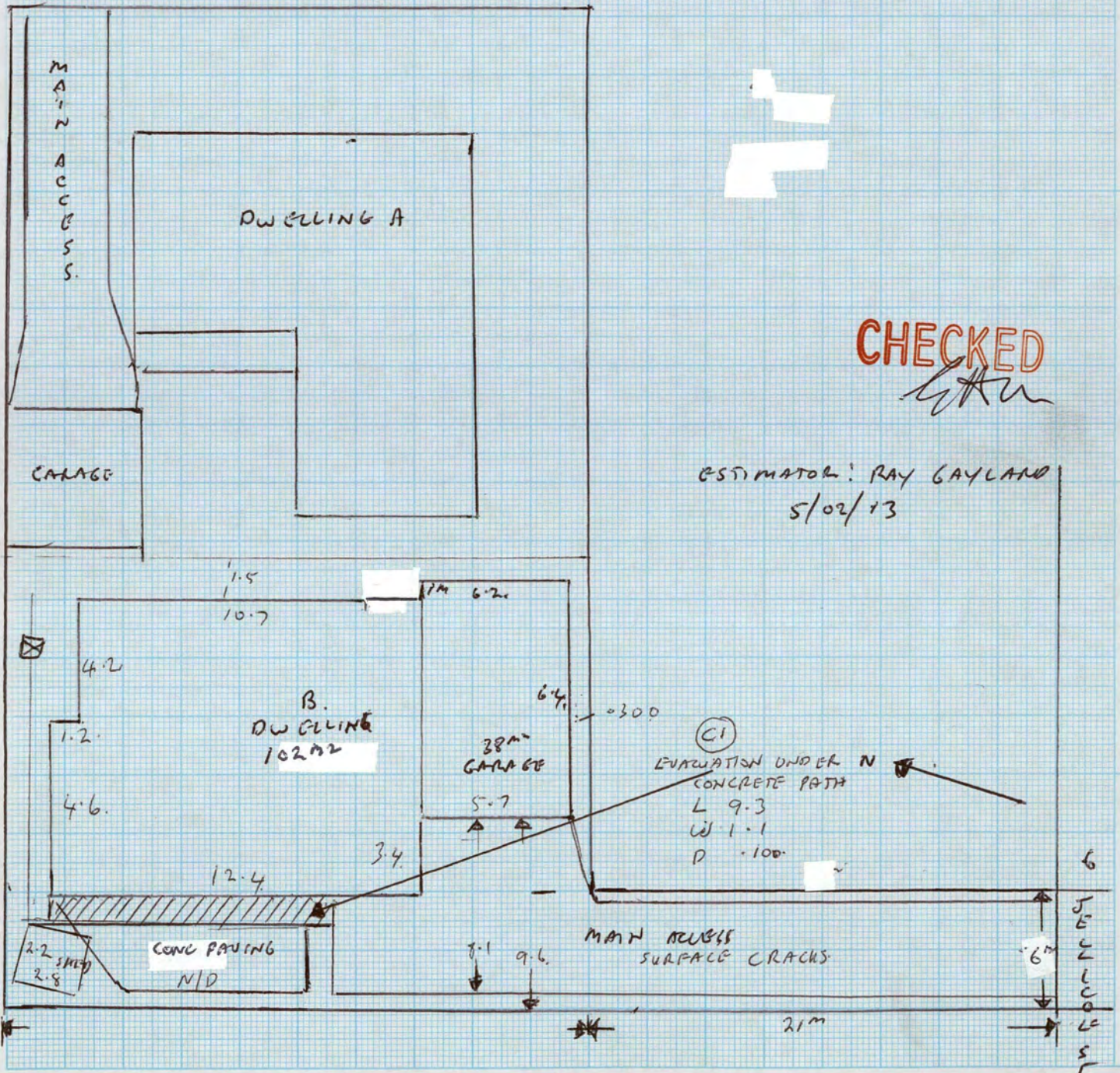
[illegible]



CLM / 2011 / 1015651

DAWN SMITH
 6 JELICOE STREET
 SOUTH NEW BRIGHTON
 CHRISTCHURCH
 H: [REDACTED]

468 MARINE PARADE





Notes:

A4 SCALE 1:250
0 2 4 6 8 10 (m)



Drawn by:

Date:



EARTHQUAKE COMMISSION

KŌHĀHĀ RŌWHĒNUA

www.eqc.govt.nz

22 FEB 2011 - EARTHQUAKE
SOUTH NEW BRIGHTON, CHRISTCHURCH
(C127-073224) - 6 Jellicoe Street

EQC Claim No: 201 _ /

DECLINED AND/OR WITHDRAWN CLAIM(S)

The following information contains documents relating to claims that were declined by NHC Toka Tū Ake and/or withdrawn by the claimant.

Drainage Assessment Report

Customer Virginia Sexton

Address 6 Jellico Street, South Brighton

Prepared by Paul Tinetti

Report Date 20.01.2017

Contractor Name Civil and Land Construction Ltd

Assessment Date 18th Jan 2017

Certified Drainlayer 11423

Signed

P. Jamshaw for Paul Tinetti

After an assessment of the existing private sewer and stormwater systems at this address, this report was prepared by the above name contractor for EQC.

Copies of the following documents have been provided with this report:

- As-Built sketch – a diagram of the existing sewer and stormwater systems indicating where earthquake damage was identified
- Proposed Repair Strategy Sketch – a diagram of the existing sewer and stormwater systems revised to reflect any changes made as part of the proposed repair strategy for earthquake damage, e.g. component relocations, rerouting of lines, etc.
- Repair Scope of Work (SOW) – a detailed record of the work to be performed to repair the identified earthquake damage. This is further broken down to reflect:
 - Drainage repairs
 - Reinstatement repairs, e.g. paths, driveways, decking, etc.

Any questions regarding this report should be directed in the first instance to the contractor Civil & Land.

Property Overview

Relevant comments about the property, e.g. retaining walls, paths, driveways, gardens, etc.

Newer dwelling on a back section. All drains are stand alone and not shared with any other property. The drives and paths that received EQ damage have been cash settled and the repairs have been completed.

Report – Sanitary Sewer

Overview of Identified Earthquake Damage

The drains are all PVC. The contractor opened the P Pan toilet for access and attempted to camera survey the sewer drain from this access, unfortunately the nearby square junction would not allow the camera to access the remainder of the drain. The sewer drain is a separate line that runs through a neighbouring property and it was difficult to arrange any other access point. As the storm water drain incurred no damage and there have been no issues with the sewer it has been classed as having no earthquake damage.

Included in Repair Strategy for Earthquake Damage

Repair strategy description – includes how reinstatement elements (paths, driveways, etc.) need to be dealt with

No earthquake damage observed

Excluded from Repair Strategy – Damage Not Covered Under the Act

Exclusions and rationale for excluding from repair strategy

N/A

Report – Stormwater

Overview of Identified Earthquake Damage

The stormwater drain was water blasted from the bubble up sump near the mail box and was cleared of silt and debris. The drain was camera surveyed from DP1 downstream and no earthquake damage was found. The stormwater drain is all PVC.

Included in Repair Strategy for Earthquake Damage

Repair strategy description – includes how reinstatement elements (paths, driveways, etc.) need to be dealt with

No earthquake damage found

Excluded from Repair Strategy – Damage Not Covered Under the Act

Exclusions and rationale for excluding from repair strategy

N/A

Further Information

Any other information that may be relevant

Nil

SITE SKETCH - STANDARD DRAINS

Customer Address 6 Jellicoe St

South Brighton

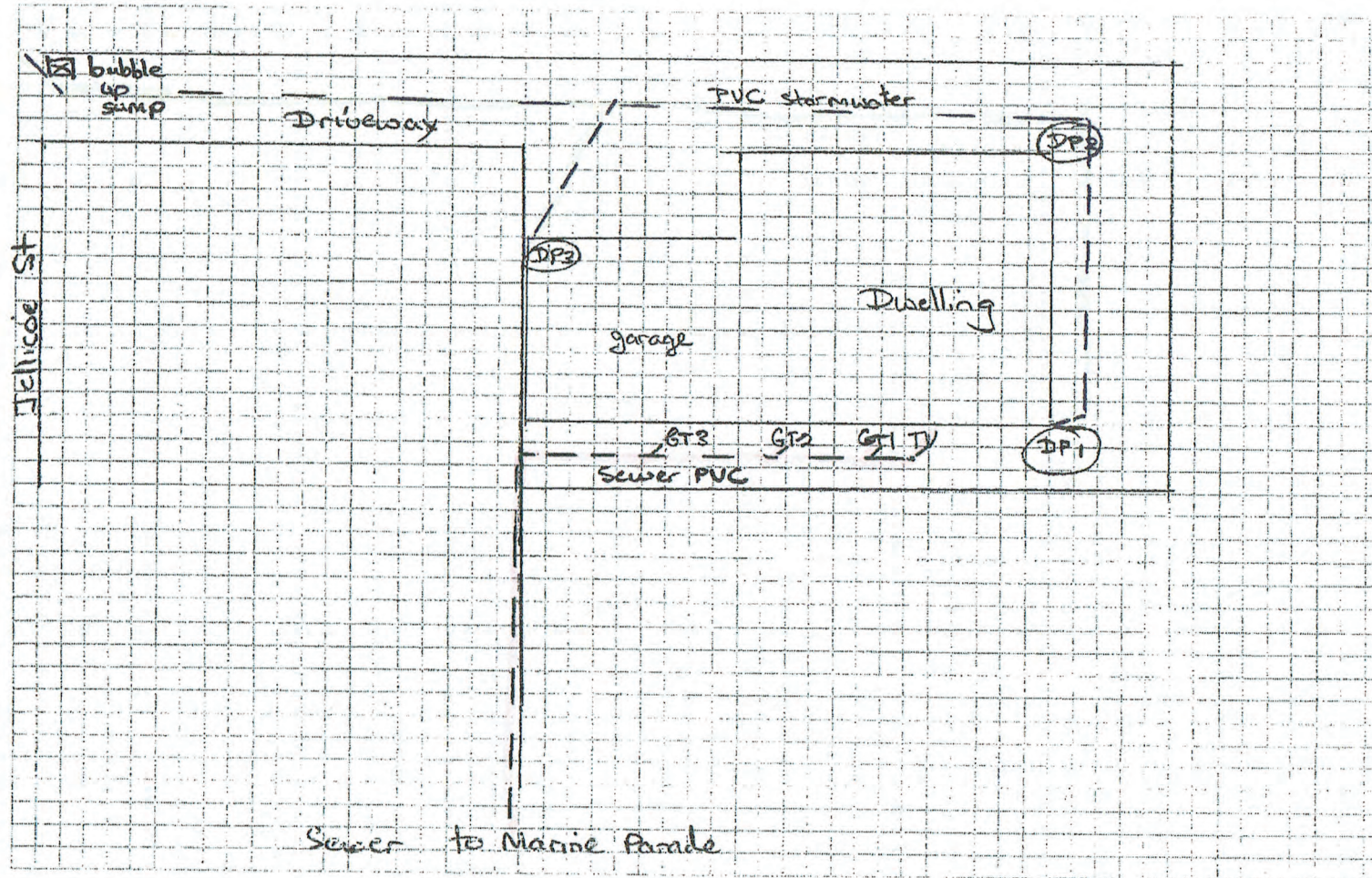
Customer EQC Claim # 2011/101565

Assessment Date 19.01.2017

Sketch Type (Circle Applicable)

As Built (Damage) / Proposed Repair

* NO repair required



Key

Existing Sewer Line

Existing Stormwater Line

Pavers / Driveway

Earthquake Damage

Tree

Kerb Outlet

Downpipe / Toilet Vent

SUMP

Non Earthquake Damage

Abbreviations

Kerb Outlet - KO

SUMP

Down Pipe (S/W) - DP

Boundary Inspectionmn Pipe

Type of Material

Earthenware - EW

Poly Vinyl Chloride - PVC

C/I - Cast Iron

Bends - show upstream direction

Left hand bend - LHB

Right Hand Bend - RHB

Inspection Bend - IB

Left Hand Inspection Bend - LHIB

Right Hand Inspection Bend - RHIB

Junction

Left Hand Junction - LHJ

Right Hand Junction - RHJ

Inspection Junction - IJ

Inspection Left Junction - ILJ

Inspection Right Junction - IRJ

Fixtures

Gully Trap - GT

Terminal Vent - TV

Main Vent - MV

Toilet - WC



6 JESSIE ST
Sewer

CAMERA WOULD NOT
GET AROUND SQUARE JOINT

CIVIL AND LAND CONSTRUCTION LTD

TAX INVOICE

Earthquake Commission
53 Princess Street
Addington 8041
Christchurch

Invoice Date
24 Jan 2017

Invoice Number
INV-1181

Reference
6 Jellicoe Street

GST Number
098-584-897

Civil and Land Construction
Limited
PO Box 57
Amberley 7441
Canterbury, New Zealand
Ph: 03 314 8022
office@civilandland.co.nz

Description	Quantity	Unit Price	Amount NZD
EQC DRAINAGE ASSESSMENT			
6 Jellicoe Street, South New Brighton CLM/2011/101565	1.00	1,200.00	1,200.00
		Subtotal	1,200.00
		TOTAL GST 15%	180.00
		TOTAL NZD	1,380.00

Due Date: 20 Feb 2017

Direct credit details: ASB - 12 3149 0212152 00. If paying by direct credit please note invoice number in reference field.
Settlement 20th of month following invoice date. 2% (24% p.a.) per month will be charged on all overdue accounts.

PAYMENT ADVICE

To: Civil and Land Construction Limited
PO Box 57
Amberley 7441
Canterbury, New Zealand
Ph: 03 314 8022
office@civilandland.co.nz

Customer Earthquake Commission
Invoice Number INV-1181
Amount Due **1,380.00**
Due Date 20 Feb 2017
Amount Enclosed

Enter the amount you are paying above

REMEDIAL DOCUMENTATION

The following documentation contains information relating to remedial claims against this property.

Remedial claims refer to concerns raised by homeowners following the settlement of their original Canterbury claim(s).

- NHC Toka Tū Ake settlement did not include all earthquake damage
- NHC Toka Tū Ake repair work or repair strategy hasn't or won't repair the earthquake damage to the standard required by the EQC Act
- NHC Toka Tū Ake wasn't or isn't sufficient to meet the reasonable costs of undertaking NHC Toka Tū Ake repair strategy

24 May 2021

Ginny Sexton
6 Jellicoe Street
New Brighton
Christchurch 8062

ATTENTION: Ginny Sexton



P 03 366 1777

W www.pfc.co.nz

383 Colombo St, Sydenham,
Christchurch

PO Box 7110, Sydenham 8240
Christchurch

Dear Ginny,

**RE: CONCRETE FLOOR SLAB CONDITION REPORT FOR
6 JELlicoe STREET, NEW BRIGHTON, CHRISTCHURCH, 8062**

SCOPE OF ENGAGEMENT

Powell Fenwick has been engaged by [REDACTED] to inspect the concrete floor slab at the above property and prepare a brief summary letter on its structural condition.

In order to assess the home, a walk-through inspection of the dwelling at the property was conducted by [REDACTED] on behalf of Powell Fenwick on 11 May 2021.

The inspection covered visually available aspects of the house internally and externally. No coverings were removed, no drawings reviewed or any detailed engineering conducted. Non-structural utilities such as electrical, water, and other services, and weather tightness were not specifically inspected, but may be commented on where they impact the building structure. We note that this report is specifically for the purpose of assessing earthquake damage to date and further inspections may be required in the event of significant aftershocks or other events that could affect the structural integrity of the building.

A spot floor levels survey was taken during the inspection utilizing a Zipp Level. The survey sketch is included at the end of this letter.

INFORMATION AVAILABLE

The homeowner has provided information for our report, listed below for reference:

- EQC full assessment report dated 19 September 2011
- Cash settlement letter from EQC 10 September 2015

GROUND CONDITIONS

The site is categorized as TC2 as per MBIE Guidance, "Repairing and rebuilding houses affected by the Canterbury earthquakes."

BUILDING DESCRIPTION

The dwelling is a single level constructed in approx. the mid 1980's and is constructed on a concrete foundation and floor slab, timber framed wall with brick veneer cladding with a lightweight colour steel metal tiled roof.

EQC SCOPE OF WORKS

From our review of the EQC documentation there did not appear to be any structural damage except epoxy filling of the garage concrete floor slab. EQC have cash settled this damage, but repairs have not been made to date as far as we are aware. Repairs appeared to primarily address cosmetic damage such as cracked internal linings, floor tiles, doors/windows. The cork tiles to the kitchen area have been removed and replaced with vinyl.

OBSERVATIONS:

In general the house appeared in a tidy condition. It appears that the cosmetic damage repairs have been completed. Cracks to the garage floor have not been undertaken with some additional slab damage caused by heavy weights being dropped on the garage floor.

The cupboard wall behind the bathroom shower has exhibited signs of the shower leaking. Floor coverings have been lifted in this cupboard and in the adjacent hallway to show cracks in the concrete floor slab. Cracking to the slab is also mirrored in the vinyl floor covering to the bathroom floor. It is our opinion that these floor cracks are a result of the Canterbury earthquake sequence 2010/2011 and were not identified during the previous EQC assessments, as they were hidden and not able to be viewed.

Due to the extent of cracking to the floor slab we recommend that a professional carpet layer is employed to lift the carpet throughout the remainder of the house to check the condition of the remainder of house concrete floor slab.

The shower unit will need to be removed to repair the cracking in the bathroom floor slab, adjoining cupboard and floor slab.

Any cracks less than 5mm in width can be repaired with an epoxy crack filler; those over 5mm in width will require 300mm wide concrete stitching.

FLOOR LEVELS

We complete a spot floor level check for the dwelling. The upper floor had a measured total floor level variation of approximately 28mm. From our spot level survey floor levels were generally within expected tolerances.

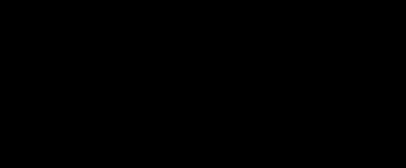
We anticipate that when the dwelling was constructed in the mid 1980's construction tolerance would have been in line with NZS3604, which stated an acceptable deviation of $\pm 12\text{mm}$ (ie 24mm total variation) to receive in-situ construction.

While we cannot conclusively dismiss the Canterbury Earthquake Sequence as contributing to the out-of-level of the dwelling, we consider that any potential settlements that may have been sustained as a result of earthquakes are negligible in relation to the dwelling overall out of level.

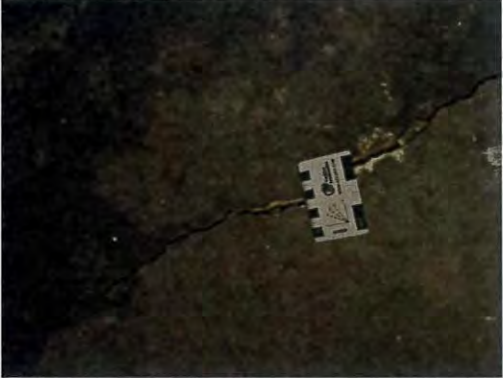


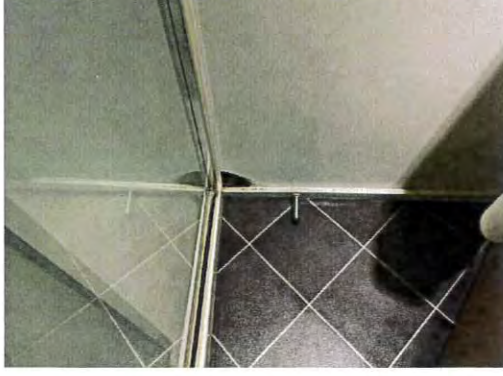
We do not consider the degree of measured out-of-level to affect the structural integrity of the dwelling. Furthermore, we do not consider that this out-of-level further increases the risk of damage to, or make worse the likely performance of, the dwelling and foundations in the event of a further significant earthquake.

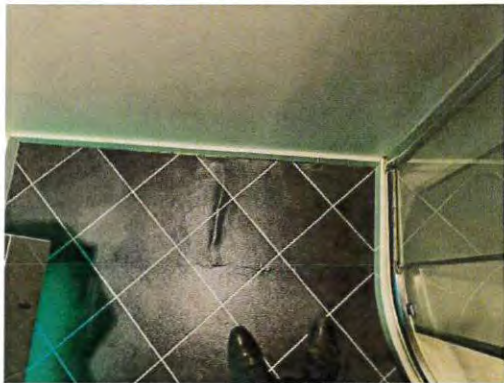


We trust the above is clear but please do not hesitate to contact our offices with any questions on 03 366 1777.

Yours Sincerely,



Structural Technician

Number	Photo	Comment
1		Cupboard floor crack
2		Cupboard floor crack
3		Hallway floor crack
4		Wall decay in bathroom

Number	Photo	Comment
5		Floor cracks in bathroom mirrored in vinyl
6		Garage floor cracks previous claim as per EQ
7		Additional damage to the garage concrete slab

21-5-21



TAX INVOICE



Ginny Sexton
 6 Jellicoe Street
 South New Brighton
 Christchurch 8062
 New Zealand

Date

25/06/2021

Invoice Number

[REDACTED]

GST Number

047-813-417

Project:	[REDACTED] 6 Jellicoe Street - EQ Report	Amount
-----------------	--	---------------

Fee to 15/06/2021

Structural Fees

Detailed Fees	\$787.20
Site visits to inspect damage and record floor levels, including travel and issue report for EQC.	

Sub-Total	\$787.20
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GST	\$118.08
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Total (Including GST)	\$905.28
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1 of 3

Powell Fenwick Consultants Ltd trading as Powell Fenwick.*Powell Fenwick reserve the right to charge interest fees on accounts not paid by the due date, including the cost of action to recover.**For all terms and conditions refer ACENZ Short Form Agreement Conditions of contract attached.*

To Powell Fenwick
 P O Box 7110
 Sydenham, CHRISTCHURCH 8240
 Queries to invoices@pfc.co.nz

Payments can be made to ASB Bank
 Account 12 3151 001 9896 00
 Invoice Number 215606
 Due Date 20/07/2021

Amount Due \$905.28
 Remittance to remittances@pfc.co.nz



QUOTE

Virginia Sexton
6 Jellicoe Street
South New Brighton
Christchurch 8062
NEW ZEALAND

Date
5 Jul 2021

Expiry
4 Aug 2021

Quote Number
QU-0318

Reference
6 Jellicoe Street - Mould
Works

GST Number
115-391-208

Brewer Builders Ltd
PO Box 18883
New Brighton
Christchurch 8061

Description	Quantity	Unit Price	GST	Amount NZD
<p>Thank you for the opportunity to quote for this job. Please find enclosed our quote for the work. Please also take note of the Site Specific notes and our General Notes and Conditions. Should you have any queries, please do not hesitate in contacting us.</p>				
<p>SITE SPECIFIC NOTES:</p> <ol style="list-style-type: none"> 1. We have allowed to build an enclosure to safely remove toxigenic mould. 2. We have allowed to strip affected linings and clean/scrape timber framing. 3. The client is responsible for service disconnections and reinstatement works. 4. The extent of mould contamination is unknown. This is an estimate not a quote. 5. Final costs will be based on actual requirements. 6. Labour costs are based on a standard nine-hour day and will be adjusted pro-rata. 				
<p>GENERAL NOTES AND CONDITIONS:</p> <ol style="list-style-type: none"> 1. We have allowed for labour, plant, setup, disposal, travel and materials to complete the works detailed above, unless otherwise specified in the Site Specific Notes. 2. The quote does not include any additional and/or hidden mould that might be found during the course of works. 3. We have not allowed for any costs associated with the site facilities, such as an electrician to remove and isolate electrical fittings or the removal of items for safe access, unless otherwise specified in the Site Specific Notes. 4. Our quote is for normal working hours and does not cover weekend or overtime rates. 				
Administration (one-off)	1.00	189.75	15%	189.75
Hazardous material supervisor (per day)	2.50	853.876	15%	2,134.69
Hazardous material removalist (per day)	2.50	626.176	15%	1,565.44
Materials & equipment (per day)	2.50	316.252	15%	790.63

Description	Quantity	Unit Price	GST	Amount NZD
Waste disposal	1.00	126.50	15%	126.50
INCLUDES GST 15%				627.01
TOTAL NZD				4,807.01



QUOTE FOR MOULD WORKS

Client:

Brewer Builders
Liam Brewer

MBC Contact:

Felicity Drennan
03 354 4377
felicity@mbc.co.nz

Property:

6 Jellicoe Street, South New Brighton

MBC Job #: [REDACTED]

Date:

5 July 2021

Thank you for the opportunity to quote for this job. Please find enclosed our quote for the work. Please also take note of the Site Specific notes and our General Notes and Conditions. Should you have any queries, please do not hesitate in contacting us.

SITE SPECIFIC NOTES:

1. We have allowed to build an enclosure to safely remove toxigenic mould.
2. We have allowed to strip affected linings and clean/scrape timber framing.
3. The client is responsible for service disconnections and reinstatement works.
4. The extent of mould contamination is unknown. This is an estimate not a quote.
5. Final costs will be based on actual requirements.
6. Labour costs are based on a standard nine-hour day and will be adjusted pro-rata.

GENERAL NOTES AND CONDITIONS:

1. We have allowed for labour, plant, setup, disposal, travel and materials to complete the works detailed above, unless otherwise specified in the Site Specific Notes.
2. The quote does not include any additional and/or hidden mould that might be found during the course of works.
3. We have not allowed for any costs associated with the site facilities, such as an electrician to remove and isolate electrical fittings or the removal of items for safe access, unless otherwise specified in the Site Specific Notes.
4. Our quote is for normal working hours and does not cover weekend or overtime rates.
5. This quote is valid for 30 days only. Prices are in \$NZD and are GST exclusive.



Description	Quantity	Rate	Amount
Administration (one-off)	1.00	150.00	150.00
Hazardous material supervisor (per day)	2.50	675.00	1,687.50
Hazardous material removalist (per day)	2.50	495.00	1,237.50
Materials & equipment (per day)	2.50	250.00	625.00
Waste disposal	1.00	100.00	100.00
Subtotal			3,800.00
Total Tax			570.01
Total			4,370.01

Biodet Services Ltd
Consulting Industrial Microbiologists

Unit K, 383 Khyber Pass Road, PO Box 99010, Newmarket, Auckland 1149. Phone: 09-529-1563. E-mail: office@biodet.co.nz, www.biodet.co.nz

2 July 2021

Biodet Ref: [REDACTED]
Client Ref: Jellicoe StMBC Environmental Solutions Ltd
Unit 2/97A Sawyers Arms Road
Harewood
CHRISTCHURCH 8052

Attn: Mark Hamilton

Dear Mark

Re: EXAMINATION OF BUILDING MATERIAL SAMPLES

Building/Ref: 6 Jellicoe Street, South New Brighton, Christchurch 8062
 Samples dated: 28 June 2021
 Samples received: 30 June 2021
 Samples analysed: 1 July 2021

Laboratory Number	Client Reference	Sample Type	Location
[REDACTED]		Plasterboard	Taken from cupboard
[REDACTED]		Compressed board	Taken from bathroom

METHODOLOGY

[REDACTED] Standard Test Method for 'Direct Microscopy of Fungal Structures from Tape'.

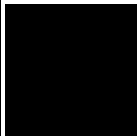
MACROSCOPIC AND MICROSCOPIC EXAMINATION

The samples were examined both macroscopically and microscopically.

Laboratory Number	Macroscopic features	Microscopic features and comments
[REDACTED]	<p>Sample: Plasterboard Sample size: 120mm x 70mm Appearance: Dense black fungal growth on one side of sample. Loss of strength: Moderate loss of strength noted.</p>	<p><i>Stachybotrys</i> present and abundant. Growth active.</p> <p>Conclusion: Well-established growth of <i>Stachybotrys</i> likely to be the cause of the loss of strength noted.</p>

MEMBER OF NEW ZEALAND ASSOCIATION OF CONSULTING LABORATORIES

DISCLAIMER: Biodet Services Limited (Biodet) undertakes to exercise due care and skill in the performance of its services and accepts responsibility only for gross negligence proven by the party to whom it has contracted its services (the client). The liability of Biodet to the client in respect of any claim for loss, damage or expense of whatsoever nature and however arising shall in no circumstances exceed a total aggregate sum equal to the amount of the fee payable in respect of the specific service which gives rise to such a claim.

Laboratory Number	Macroscopic features	Microscopic features and comments
	Sample: Compressed board Sample size: 120mm x 60mm Appearance: Damp with black discolouration on painted surface. Loss of strength: Moderate loss of strength noted with sample being soft and pliable. Likely due to sample being damp.	<i>Stachybotrys</i> was present as sporadic spores and <i>Chaetomium</i> spores in a light level. Moderate <i>Chuppia</i> -like fungal growth with light levels of an unidentified dematiaceous fungus and bacteria also present. Conclusion: Established fungal growth with <i>Stachybotrys</i> and <i>Chaetomium</i> likely within the vicinity of sampling.

Note: Active fungal growth can be determined by the presence of distinct fungal hyphae and structures that readily take up stain. Some fungi produce enzymes that can cause the deterioration of building material substrates eventually resulting in loss of strength. Loss of strength has been determined by visual observation and manual manipulation.

DISCUSSION

The presence of fungi always indicates that moisture is or has been present. It is important that repair of the defect that led to water damage is attended to promptly.

Stachybotrys species thrive on water-damaged cellulose-rich material such as cardboard, paper, cellulose-fibre cement, ceiling tiles, plasterboard, cellulose containing insulation, wall paper and jute carpet backing. (It is seldom found actively growing on timber itself, preferring the refined cellulosic materials.) An extended saturation time leading to high levels of humidity (sometimes as high as 99%) is required for this fungus to become established and proliferate. The presence of this fungus is always indicative of prolonged moisture, such as a leak or wetting event. Often the fungus is confined to wall cavities where these materials tend to retain moisture for longer. It is a prolific cellulase producer and can cause deterioration resulting in loss of strength of cellulose-containing products.

The fungus is easily recognisable as a sooty, black fungus occasionally accompanied by a thick mass of white mycelia.

Stachybotrys is capable of producing many toxins including Trichothecene (T-2 toxin) and Satratoxin G and H, which have the potential to be cytotoxic, inflammatory and immunosuppressive. These toxins have a high molecular weight and are non-volatile. In the actively growing state, the spores are sticky and clump together and, therefore, are not readily aerosolised. Once the fungus is dead and dried out, the spores do become aerosolised and, although no longer viable, still contain the toxins. There may be a large individual variation in dose/response to these toxins.

Chuppia is part of the Ascomycete group. These species are frequently isolated from water damaged building materials and can be very deteriogenic.

The Dematiaceous Fungal Group. These are fungi that produce dark fungal spores and/or dark hyphal structures. Many of these fungi are difficult to accurately identify from a microscopic examination alone, but their presence must be considered significant, as they are frequently isolated from water damaged building materials. Many of these fungal types are known to cause deterioration of paper and paper products, plastics, textiles, timber etc.

Chaetomium is an Ascomycete fungus producing black fruiting bodies that superficially may resemble *Stachybotrys*. The fruiting bodies tend to be separate and discrete giving the material a black, spotty appearance. It is notable as a producer of strong cellulase enzymes that can breakdown cellulosic material very rapidly. It can also cause soft rots of timber and decay of carpet backing under damp conditions. It is often associated with the production of a musty, unpleasant odour due to fungal volatiles. This fungus is also thought to be a toxigenic fungus, as well as having the potential to elicit allergic responses in sensitive people and in some cases may result in skin/ nail infections, and mycoses in immunocompromised people.

The presence of non-filamentous **bacterial clusters/ yeast** usually signifies wet or very damp building materials. High levels of bacteria may result in strong ammoniacal odours in building materials.

REMEDIAL¹ OF AREAS AFFECTED BY *STACHYBOTRYS* AND OTHER FUNGI

If sampling of internal wall cavities has occurred, these should be sealed up until the remediation work is carried out. Different responses are required depending on the extent of the contamination problem. It is important that repair of the defect that led to water damage is carried out in a safe manner and this should be attended to promptly.

Repair must be followed by remediation work. The size of the area contaminated by fungi primarily determines the type of remediation. Sizing levels should be based on professional judgement and practicality; currently there is not adequate data to relate the extent of contamination to frequency or severity of health effects. **The goal of remediation is to remove or clean contaminated materials in a way that prevents fungi and dust contaminated with fungi from entering non-infected areas, while protecting the health of workers performing the remediation.**

Small areas (up to 10 square feet) of fungi on hard impermeable surfaces can be remediated by washing the contaminated area with warm, soapy water and drying well. Hypochlorite should not be used, as this can bind with organic compounds to form chlorophenols. These are very smelly compounds. Hypochlorite used at high concentrations is also an irritant to eyes, throats etc. Any contact with the fungi should be carried out wearing a facemask, protective gloves and overalls.

Absorbent materials that are badly affected by fungal growth would need to be removed in sealed plastic bags.

For larger areas remediation must involve the total removal of affected material. This is best carried out by a trained operator, with the contaminated material being removed in sealed plastic bags. It is important that care is taken to prevent the dried fungal spores from becoming disturbed and contaminating the internal air space.

If the remediation can be completed externally, then there would be little concern about the internal air spaces. Depending on the size and location of a contaminated area it may be necessary to vacate the building while this work is being done. Alternatively, it may be possible to seal off the contaminated area from the indoor spaces.

Care should always be taken when handling any mould-contaminated material.

CONCERNS ABOUT HEALTH IMPLICATIONS

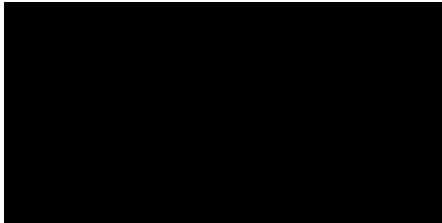
Analysis of building materials can assist in determining what fungi are present in the indoor environment, but do not always give an indication of how badly air is being affected by visible fungal growth.

Some of the fungi identified from the samples supplied have the potential to affect the integrity of a building structure over time if left unattended, and may also result in health issues. These fungi may release spores in quite high levels into the internal living space of a dwelling.

The spore trapping non-culturable air sampling method can be used to help determine whether any potential health risks to occupants exist from the types of fungal growth observed on the surfaces. This can be employed to sample the air quality and determine the types and levels of spores in the indoor environment.

I hope this information is of help to you. If you have any queries please do not hesitate to contact me.

Yours faithfully

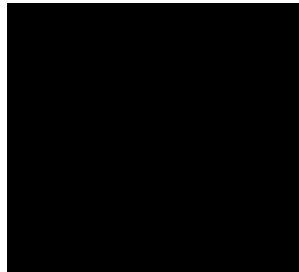


B.Sc.

The samples were tested as received.

All samples will be kept for three years unless instructed otherwise.

This report must not be reproduced except in full.



B.Sc.





Completion Certificate – Mould Remediation

MBC Environmental Solutions
2/97A Sawyers Arms Road
Christchurch
03 354 4377

12/07/2021

Client: Liam Brewer, Brewer Builders

Property address: 6 Jellicoe Street, South New Brighton, Christchurch 8062

The toxigenic mould, including *Stachybotrys*, observed in the locations listed below, has been removed as per current best practice:

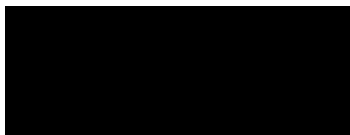
- Bathroom (adjacent to shower)
- Hallway (including cupboard)

All works were undertaken within a fully controlled environment, accessed via a three-stage decontamination unit, with a negative pressure unit installed.

I understand that this declaration will be used in relation to the repair and reoccupation of the property at the above address.

Please do not hesitate in contacting us should you have any questions.

Kind regards,



[Redacted] BSc (Hons), MSc
Operations Manager/Environmental Scientist
E: [Redacted]
M: [Redacted]
W: [Redacted]



Taylor & Sons
Drainage Ltd

Taylor & Sons Drainage Ltd

5/105 Coleridge Street

Sydenham

Christchurch, 8023

marctaylor@taylorandsonsdrainage.com

0212254466

Brewer Builders

108 Seaview Road

New Brighton

Christchurch, 8061

Site Address

6 Jellicoe Street

South New Brighton,

Christchurch, 8062

Job Number: [REDACTED]

GST Number: 125528120

Quote Date: 16th Jul 2021

Valid Until: 14th Sep 2021

Quote | 6 Jellicoe St EQC Survey

Thank you for your interest in working with us. All included works on this quote should be outlined on the attached Scope plan. Please review this against the quotation. Please contact us if you believe we have missed any elements or you would like to amend anything. We look forward to working with you.

Name	Quantity	Price	Total
EQC Survey			
Perform camera survey of sewer and stormwater drains on the property.			
Digging for access where required.			
Provide a report outlining any EQ damage.			
Provide as built drawings showing any relevant damage.			
Provide as built drawings showing repair strategy.			
Submit pricing for all repair works and reinstatement costs.			
Submit comprehensive photographs of affected areas, fixtures and general terrain around the property.			
Submit all camera footage.			
Exclusions:			
- Waterblasting			
- Sucker truck			
- WC removal for access			
- Removal of concrete or asphalt for access			
			\$732.50

Subtotal	\$732.50
GST Amount	\$109.88
Total	\$842.38

Please Note:

Extra costs will be incurred if we are required to do water blasting

Payment Terms:

20th of the following month

Electronic acceptance of this quotation is required to secure our services.

Please see attached Terms of Trade and Tags

Thank you for your interest in working with us.



QUOTE

Virginia Sexton
6 Jellicoe Street
South New Brighton
Christchurch 8062
NEW ZEALAND

Date
19 Jul 2021

Expiry
18 Aug 2021

Quote Number
QU-0323

Reference
6 Jellicoe Street - EQC
Survey

GST Number
115-391-208

Brewer Builders Ltd
PO Box 18883
New Brighton
Christchurch 8061

Description	Quantity	Unit Price	GST	Amount NZD
Thank you for your interest in working with us. All included works on this quote should be outlined on the attached scope plan. Please review this against the quotation. Please contact us if you believe we have missed any elements or you would like to amend anything. We look forward to working with you.				
EQC Survey:				
- Perform camera survey of sewer and stormwater drains on the property.				
- Digging for access where required.				
- Provide a report outlining any EQ damage.				
- Provide as built drawings showing any relevant damage.				
- Provide as built drawings showing repair strategy.				
- Submit pricing for all repair works and reinstatement costs.				
- Submit comprehensive photographs of affected areas, fixtures and general terrain around the property.				
- Submit all camera footage.				
Exclusions:				
- Waterblasting				
- Sucker truck				
- WC removal for access				
- Removal of concrete or asphalt for access				
Total quoted price:	1.00	926.61	15%	926.61
INCLUDES GST 15%				120.86
TOTAL NZD				926.61

Terms



TAX INVOICE

Brewer Builders
Christchurch

Invoice Date
13 Jul 2021

Invoice Number
INV-2162

GST Number
120-449-044

MBC Environmental
Solutions Limited
2/97A Sawyers Arms Road
Northcote
Christchurch 8052
NEW ZEALAND

Description	Quantity	Unit Price	Amount NZD
Job Reference: [REDACTED]			
6 Jellicoe Street, South New Brighton, Christchurch, Canterbury, 8062			
Mould remediation			
Administration (one-off)	1.00	150.00	150.00
Hazardous material supervisor (per day)	2.50	675.00	1,687.50
Hazardous material removalist (per day)	2.50	495.00	1,237.50
Materials & equipment (per day)	2.50	250.00	625.00
Waste disposal	1.00	100.00	100.00
		Subtotal	3,800.00
		TOTAL GST 15%	570.01
		TOTAL NZD	4,370.01

Due Date: 20 Aug 2021

Please make payments to 06-0817-0659678-00. Please reference your company and the invoice number.



PAYMENT ADVICE

To: MBC Environmental Solutions Limited
2/97A Sawyers Arms Road
Northcote
Christchurch 8052
NEW ZEALAND

Customer Brewer Builders
Invoice Number INV-2162

Amount Due **4,370.01**
Due Date 20 Aug 2021

Amount Enclosed

Enter the amount you are paying above



PPL Electrical Ltd.
 597 Madras Street
 Saint Albans
 Christchurch, 8014
 admin@pplelectrical.co.nz
 0508438775

ATTN: Nadia
 Brewer Builders
 108 Seaview Road
 New Brighton
 Christchurch, 8061

Site Address
 6 Jellicoe Street
 New Brighton,
 Christchurch

Invoice Number: INV-04634
 Job Number: [REDACTED]
 Invoice Date: 12th Jul 2021
 Due Date: 20th Aug 2021
 GST Number: 102-802-250

Tax Invoice | INV-04634

Thank you for the opportunity to work on your property, if you have any concerns please contact the office and we will answer any questions.

Our aim is to make every customer a repeat, referring customer.

Name	Quantity	Price	Total
[REDACTED] Disconnection			
Disconnect 1 lighting switch and light feeds from switch board.			
Site Service Fee (Site Visit Fee+First Half Hour On Site)	1.00	\$98.00	\$98.00
Sundries	1.00	\$5.00	\$5.00
Aaron Den Harder 08/07/2021	0.50	\$75.00	\$37.50
Hayden Lett 08/07/2021	0.50	\$40.00	\$20.00
			\$160.50

Subtotal \$160.50
GST Amount \$24.08
Total \$184.58

Invoices are due to be paid by the due date. Please make deposits to our bank account number as specified and include your invoice number as reference.

Any queries on this invoice should be notified to us within 7 days. Please bring to our attention any concerns you may have with the invoice.

Bank Account **01-1158-0162135-20** Invoice Number **INV-04634**

Southern Geophysical

TAX INVOICE

Brewer Builders

Invoice Date
2 Aug 2021**Invoice Number**
INV-1766**Reference**
[REDACTED]**GST Number**
085-017-918Southern Geophysical Ltd
Unit 3/28 Tanya St
Bromley, Christchurch 8062
+64-3-3844302

Description	Quantity	Unit Price	Amount NZD
Name: 6 Jellicoe St GPR Floor scan GPR floor scan of the 140 m2 floor slab at 6 Jellicoe St to determine the extents of voiding beneath the floor slab.			
GPR data acquisition- Floor slab 500 mm (per m2) Per m2	140.00	18.00	2,520.00
Data processing, analysis and reporting Per day	1.50	1,100.00	1,650.00
Subtotal			4,170.00
TOTAL GST 15%			625.50
TOTAL NZD			4,795.50

Due Date: 2 Sep 2021

All data remains the property of Southern Geophysical Ltd until invoice is paid in full.

Please make payment to:
Southern Geophysical LimitedBank account details:
Westpac, Upper Riccarton, Christchurch
SWIFT Code WPACNZ2W
03 0830 0401727 00[View and pay online now](#)



PAYMENT ADVICE

To: Southern Geophysical Ltd
Unit 3/28 Tanya St
Bromley, Christchurch 8062
+64-3-3844302

Customer Brewer Builders
Invoice Number INV-1766

Amount Due **4,795.50**
Due Date 2 Sep 2021

Amount Enclosed

Enter the amount you are paying above



Rooney Plumbing
office@rooneyplumbing.co.nz
GST No.: 118-408-055

Invoice: IV00000001555

Tax Invoice

Invoice date: 31/07/2021

Bill to:
Brewer Builders

Due:
20/08/2021

DESCRIPTION	TAX TYPE	AMOUNT (ex GST)
6 Jelicoe Street	GST	125.00
Travel to site and disconnect shower mixer and fittings for ready for removal.		

Sub-Total (ex GST): \$125.00
GST: \$18.75
Total (inc GST): \$143.75
Amount Paid: \$0.00
AMOUNT DUE: \$143.75

How to pay



Bank Deposit

Bank Name: Westpac
Account Number: 03-0887-0010890-000
Account Name: Rooney Plumbing Limited
Reference: IV00000001555

TAX INVOICE

BILL TO:

DELIVER TO:

BREWER BUILDERS LTD
PO Box 18883
New Brighton
CHRISTCHURCH

COMMENTS:

Payments to 02 0842 0051322 000. Use your code as the ref

1214 13:19

CUSTOMER CODE	YOUR ORDER NUMBER	S/M	QUOTE No.	PICKING SLIP No.	INVOICE No.	DATE	PAGE
M10-CCB1894	6 JELlicoe	JH		93461	T-457397	31/08/2021	1

[illegible]

NOTES:

This invoice is issued under the Construction Contracts Act 2002 and is deemed to be a payment claim as defined by S22 and S23 of that Act.

Please deposit payments to 02 0842 0051322 000
and put your account code as a reference

Tender Total

\$0.00

TAX INVOICE

BILL TO:

DELIVER TO:

BREWER BUILDERS LTD
PO Box 18883
New Brighton
CHRISTCHURCH

COMMENTS:

Payments to 02 0842 0051322 000. Use your code as the ref

1215 13:19

CUSTOMER CODE	YOUR ORDER NUMBER	S/M	QUOTE No.	PICKING SLIP No.	INVOICE No.	DATE	PAGE
M10-CCB1894	6 JELlicoe	JH		94496	T-457398	31/08/2021	1

PRODUCT CODE	DESCRIPTION	UNIT	QUANTITY	PRICE	DISCOUNT	GST	VALUE
JUL404	PORTABLE SHOWER OUTBACK BATHROOMS Aug 23rd- Aug 27th Sup: A804..8209 - T Office Your Unique Code: X36T-5131120810	EACH	1	309.157	309.160		309.16
					G.S.T. Exclusive		309.16
					G.S.T.		46.37
					INVOICE TOTAL \$		355.53

NOTES:

This invoice is issued under the Construction Contracts Act 2002 and is deemed to be a payment claim as defined by S22 and S23 of that Act.

Please deposit payments to 02 0842 0051322 000
and put your account code as a reference

Tender Total

\$0.00

TAX INVOICE

BILL TO:

DELIVER TO:

BREWER BUILDERS LTD
PO Box 18883
New Brighton
CHRISTCHURCH

COMMENTS:

Payments to 02 0842 0051322 000. Use your code as the ref

2185 13:27

CUSTOMER CODE	YOUR ORDER NUMBER	S/M	QUOTE No.	PICKING SLIP No.	INVOICE No.	DATE	PAGE
M10-CCB1894	6 JELlicoe	JH		100411	T-484554	15/10/2021	1

[illegible]

NOTES:

This invoice is issued under the Construction Contracts Act 2002 and is deemed to be a payment claim as defined by S22 and S23 of that Act.

Please deposit payments to 02 0842 0051322 000
and put your account code as a reference

Tender Total

\$0.00

TAX INVOICE

BILL TO:

DELIVER TO:

BREWER BUILDERS LTD
PO Box 18883
New Brighton
CHRISTCHURCH

COMMENTS:

Payments to 02 0842 0051322 000. Use your code as the ref

223 08:55

CUSTOMER CODE	YOUR ORDER NUMBER	S/M	QUOTE No.	PICKING SLIP No.	INVOICE No.	DATE	PAGE
M10-CCB1894	6 JELlicoe	JH		101116	T-490064	26/10/2021	1

PRODUCT CODE	DESCRIPTION	UNIT	QUANTITY	PRICE	DISCOUNT	GST	VALUE
OCT414	PORTABLE SHOWER OUTBACK BATHROOMS 15th Oct - 22nd Oct Sup: A804..8209 - T Office Your Unique Code: X36T-3226621000	EACH	1	309.157	309.160		309.16
					G.S.T. Exclusive		309.16
					G.S.T.		46.37
					INVOICE TOTAL \$		355.53

NOTES:

This invoice is issued under the Construction Contracts Act 2002 and is deemed to be a payment claim as defined by S22 and S23 of that Act.

Please deposit payments to 02 0842 0051322 000
and put your account code as a reference

Tender Total

\$0.00



P (03) 366 1777

E engineering@pfc.co.nz

W www.pfc.co.nz



Structural Specification

6 JELlicoe STREET
FOR
BREWER BUILDERS LTD

Job Ref: [REDACTED]

Date: 13 August 2021

Issue: A

Issue Authorisation

DATE	ISSUE	DESCRIPTION	WRITTEN BY	REVIEWED BY
13/08/2021	A	Consent	PJP	PJP

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Sikadur[®] 42**High strength pourable epoxy resin grout****Positioning
Description**

A solvent free, three-component pourable grout based on a combination of high strength epoxy resins and a blend of carefully selected mineral aggregates. After mixing it provides a free flowing, self levelling epoxy grout.

Uses

Sikadur 42 can be used for:

- Grouting under crane rail tracks.
- Grouting under bridge bearing plates and machine bases.
- Grouting of steel reinforcement, holding down bolts, etc. into existing concrete or masonry.
- Filling of voids and cavities in concrete.

Advantages

- Suitable for application to both dry and damp surfaces.
- Easy to mix, apply and use (solvent free).
- High early strength.
- Shrinkage free hardening.
- High tensile and flexural strengths - vibration resistant.
- Good flow characteristics - even in thin layers.
- Good chemical resistance - unaffected by dilute acids, dilute alkalis, most oils, sewage, salt water, etc.

Approvals / Standards

Tested in accordance with BS6319.

Product Data**Type:**

Epoxy resin paste containing natural aggregate fillers.

Colours:

- Component A = Clear / Component B = Clear / Component C = Light Grey
- Concrete Grey colour when mixed.

Packaging:

Supplied in 0.62 litre (1.2kg) and 7.92 litre (15kg) (Component A + B + C).

Storage & Shelf Life:

36 months in unopened, original containers when stored in dry conditions between 5°C and 25°C.

Technical Data**Density:**

1.9 kg/litre approx.

Service temp:

< 70°C

Application temp:

5°C to 30°C

Shrinkage:

Negligible

Compressive strength:

24 hours = 65 MPa approx. 7 days = 95 MPa approx. (at 20°C)

Flexural strength:

35 MPa approx.

Tensile strength:

15 MPa approx.

Elastic modulus:

13,000 MPa approx.

Bond strength:

Sandblasted Steel = 20 MPa approx.

Sandblasted Concrete = 3.5 MPa approx. (concrete failure)

Pot life (3 litres):

5°C = 2 hours 10°C = 80 minutes
20°C = 40 minutes 30°C = 20 minutes

Application thickness:

Minimum 3 mm / Maximum 40 mm per layer

Application Conditions**Surface Preparation**

- All surfaces must be clean, dry and free from any loosely adhering particles or contaminants such as dirt, oil, dust, grease, etc. The surface must be free from any standing water.
- All cement laitance should be removed by scabbling, sandblasting, etc.
- Steel surfaces must have all paints, films, oils, rust and other contaminants removed by grit blasting. Apply Sikadur 42 immediately after blasting to prevent rust from reoccurring.
- Epoxy surfaces must be sanded then washed clean with Sika Colma Cleaner.

Mixing

- Add the entire contents of Component B to Component A. Thoroughly mix using a Sika mixing paddle attached to a low speed electric drill (max. 500 rpm) for at least one minute. The Component C (aggregate) can then be added slowly, while mixing continues, until a uniformly mixed, lump free, pourable grout is achieved.
- Part batching of Sikadur 42 is not recommended unless strict measurement of the components, in accordance with the mix ratio of the factory proportioned pack, is observed and adhered to.



Application	<ul style="list-style-type: none"> • Pour Sikadur 42 into the prepared hole, void or water tight formwork and allow to self level. • When grouting under bearing pads or base plates, ensure there is adequate head/pressure to maintain flow. This is essential to ensure that no air is entrapped under the base plate. Rodding or vibrating under the plate is also recommended to remove any air. Pour the grout continuously until the fluid rises above the level of the base plate. • Air holes or breather pipes should be fitted to formwork where entrapment of air may occur. • When grouting starter bars, holding down bolts, etc. pour Sikadur 42 into the base of the hole then drop in the bar. A slight overflow should occur at the top when the bar is inserted.
Cleaning	<ul style="list-style-type: none"> • Clean all tools and equipment immediately after use with Sika Colma Cleaner. Cured Sikadur 42 can only be removed mechanically. • It is recommended that protective gloves and clothing be worn during application; however, uncured Sikadur 42 may be removed from skin with Sikaflex Hand Cleaner or warm soapy water.
Important Notes	<ul style="list-style-type: none"> • Do not apply Sikadur 42 to surfaces with standing water on them. • Do not dilute Sikadur 42 with solvents. • Sikadur 42 will not cure at temperatures below 5°C. • Optimal application temperatures are between 10°C to 30°C. • To avoid shrinkage caused by exotherm Sikadur 42 should not be applied in layers of more than 40 mm thick. Greater thickness should be built up successively in layers. • When pouring in layers each preceding surface shall be hardened and cool. The maximum waiting time between applying layers is 24 hours to ensure bonding occurs. • Layers greater than 40 mm thick can be achieved by using prepacked aggregates. For further information on this procedure contact the Sika Technical Department. • The temperature at which Sikadur 42 is stored will govern its pot life when mixed.
Notes	All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.
Local Restrictions	Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.
Safety Instructions	
Protective Measures	<ul style="list-style-type: none"> • To avoid rare allergic reactions, we recommend the use of protective gloves. Change soiled work clothes and wash hands before breaks and after finishing work. • Local regulations as well as health and safety advice on packaging labels must be observed.
Transportation Class	Sikadur 42, Component B has a dangerous goods classification for transportation: Haz. Class 8, UN No. 1760, Haz. Chem. 2R, Packing Group III.
Important Notes	Residues of material must be removed according to local regulations. Fully cured material can be disposed of as household waste under agreement with the responsible local authorities. Detailed health and safety information as well as detailed precautionary measures e.g. physical, toxicological and ecological data can be obtained from the safety data sheet.
Legal Notes	The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.



S.1 CONCRETOR, INCLUDING REINFORCING AND FORMWORK

S.1.1 Scope

This section of the Contract consists of the supply, positioning, placing and finishing of all concrete and reinforcing for foundations, floor slabs, beams, columns, stairs, floor topping, precast panels, walls, column encasement and vertical reinforcement for block landscaping & retaining walls,

The horizontal steel in the block walls shall be placed by the block layer.

S.1.2 Standard Specifications

Where any standard specifications are quoted, they shall be the current issued, including any amendments or standards issued in substitution as at the date of tendering.

S.1.3 General Specification

All concrete work shall comply with the provisions of NZS 3109 "Specification for Concrete Construction", unless specifically instructed otherwise, in writing, by the Engineer. All other materials shall comply with the relevant New Zealand standard.

S.1.4 Workers

Workers to be experienced, competent and familiar in the fabrication and erection of formwork and with the materials and the techniques described in this specification.

S.1.5 Concrete Grades and Strengths

The following 28 day compressive strengths shall be used:

- Over excavation backfill to level 10MPa
- Foundations* 25MPa (30MPa for exposure B2)
- Floor Slabs* 25MPa

*Where indicated on the drawings, waffle slab fibre-reinforced slab and foundations to satisfy the following performance criteria:

- 25 MPa steel fibre reinforced concrete mix as per C5.A6.1 of NZS3101:2006.
- Characteristic residual flexural tensile strength as $f_{Rk,4} > 1.0\text{MPa}$

Concrete production shall be in accordance with the requirements of NZS 3104:2003 "Concrete Production - High Grade and Special Grade", unless otherwise approved in writing by the Engineer. All concrete must be supplied by a high or special graded plant as defined in NZS 3104:2003.

No additives are to be included in the mix design without the written approval of the Engineer.

S.1.6 Slumps

The slump for any concrete shall be as shown below:

- Floor Slabs on ground 80mm \pm 20mm
- Other members 100mm \pm 20mm

A slump cone must be kept on site to enable random slump testing by the contractor as directed by the Engineer.

S.1.7 New Zealand Reinforcing

Reinforcing steel should comply with AS/NZS 4671 and should be manufactured using the micro alloy process. Grade 500 steel is shown by an HR or H on the structural drawings, followed by the diameter

in millimetres. Grade 300 steel is shown by an R or D on the structural drawings, followed by the diameter in millimetres.

Refer to Structural Drawings for Grade of steel required. Tying wire shall be mild drawn steel wire not less than 1.2mm diameter

Store reinforcing steel on timber fillets on hard ground in a secure area clear of any building operation. Ensure steel reinforcement is stored lying flat, and not exposed to the weather which may induce rust staining. Mark any projecting reinforcement which could be seen as a potential threat to site personnel.

Ensure that reinforcement is kept clean, and free of all loose mill scale, loose rust or any other contamination which may reduce its bonding capacity.

Any reinforcement that has been exposed to weather for longer than 2 months is required to be inspected prior to pouring to ensure it is suitable for use.

Typical methods are grout washing, special polythene sleeves, or by wrapping.

S.1.8 Placing and Fastening of Reinforcement

Reinforcement shall comply with the provisions of NZS 3109.

In Clause 3.5.1 of NZS 3109:1997 adequate support shall be defined as chairing all reinforcing at a maximum of 900mm centres each way.

Cut and bend bars using proper bending tools to avoid notching and to the requirements of NZS 3109. Do not rebend bars.

Secure reinforcement adequately with tying wire and place accurately, supported adequately and secured against displacement when concreting. Bend tying wire back well clear of the formwork.

S.1.9 Drilled and Epoxied or Grouted Bars

Bars required to be drilled and epoxied are to be set in holes which are at least 8mm larger than the diameter of the anchored bar. The holes are to be drilled and thoroughly cleaned out using compressed air. The bar anchorage depth is to be the larger of 12 times the bar diameter plus 50mm (12db + 50mm) or the length shown on the drawings.

Where Epoxy is specified in the structural documents, the Ramset Epcon Ceramic 6 anchor system is to be used.

Where Grout is specified in the structural documents, Sika Grout GP grout is to be used.

Alternatives to these products will be considered at the request of the Contractor, but must be approved by the engineer in writing prior to being used on site.

S.1.10 Concrete Tests

- Frequency of Tests: For any one day's pour of less than 50 cubic metres, the Engineer requires a slump test and only one sample of three compression test cylinders. One sample is to be taken for each additional 50 cubic metres poured in one day.
- Any test needed to determine when formwork may be stripped or false work struck, shall be in addition to the above tests and shall be taken and paid for by the Contractor.
- Test cylinders shall be taken by the Foreman in the manner defined in NZS 3112 "Methods of Test for Concrete", Part 2.
- Test results shall be statistically analysed by the Engineer as given in NZS 3109 and NZS 3112, Part 2.
- Concrete testing shall be carried out by an independent testing authority, approved by the Engineer. The test cylinders shall be delivered by the Contractor to the Testing Authority the day after casting.

- Test on Completed Work: Where any concrete quality is considered by the Engineer to be doubtful, he may require cores to be cut from the finished work and tested. In any such tests where the concrete in question was poured without giving the Engineer the required notice, or where the tests fail to reach the specified strength, the Contractor shall pay for the tests. Otherwise, the Employer shall pay for all costs of such tests.

S.1.11 Formwork

Formwork shall be provided to support and confine the concrete and shape it to within the tolerances of the required dimensions. Timber to be used to support the formwork shall be No. 2 framing radiata pine to NZS 3631.

Shutters shall be either pre-coated ply manufactured for formwork, or plywood coated with 2 layers of polyurethane.

Alternatively an approved propriety steel formwork and shutter system may be used.

Release agents must not bond or adhere to concrete, contaminate reinforcing steel or have any detrimental effects.

Formwork shall conform to the tolerances outlined in NZS 3109. Provide an easy means of adjustment to ensure that formwork is in the correct position.

Before pouring ensure that all laitance, contamination and aggregate is free from shutters and forms, keeping joints clean and undamaged. Pour concrete only between properly positioned stops.

Faces may be cast against the earth without formwork only if adequate measures are taken to prevent contamination of the concrete.

Securely fix all structural and non-structural chases, fillets, holes, nibs and bolts as shown on the drawings. Position accurately at the time of casting concrete.

Immediately after stripping formwork, identify all defects and obtain direction. Do not carry out any repair work until directed and then only in accordance with the directions of the Engineer.

Place concrete in layers not more than 500 mm deep, compacted and vibrated. Do not place fresh concrete against the preceding layer after more than 45 minutes, or such lesser time as required by the circumstances, to NZS 3109: clause 7.4, Handling and placing.

S.1.12 Building In

Build in all penetrations, openings, cast in duct sleeves, conduits and the like, as required by other services and trades.

S.1.13 Damp Proof Membrane

Lay two layers of 250 micron Polythene over approved base fill, with a minimum lap of 50mm. Cross slit for penetrations such as pipes and columns so that the Polythene fits tightly around projections. Seal laps, joins and penetrations, while clean and dry, with 48mm wide blaxstrap pressure sensitive tape. Repair any damage to the vapour barrier before placing concrete.

S.1.14 Inspections

The Engineer is to be given a minimum of 24 hours' notice of any concrete pour, to enable an inspection of the reinforcement placing and formwork preparation to be made. The reinforcing must be checked, and signed off, by the Contractor before the Engineer carries out an inspection. The Engineer is to approve the reinforcing in writing.

S.1.15 Vibration

All concrete work is to be vibrated as defined in Section 7.6 of NZS 3109:1997.

Compact by vibration of the concrete to expel entrapped air and until settlement of the concrete is visibly evident over all areas of the surface. Maintain vibration until settlement ceases and coarse aggregate at the surface is embedded.

S.1.16 Surface Finish

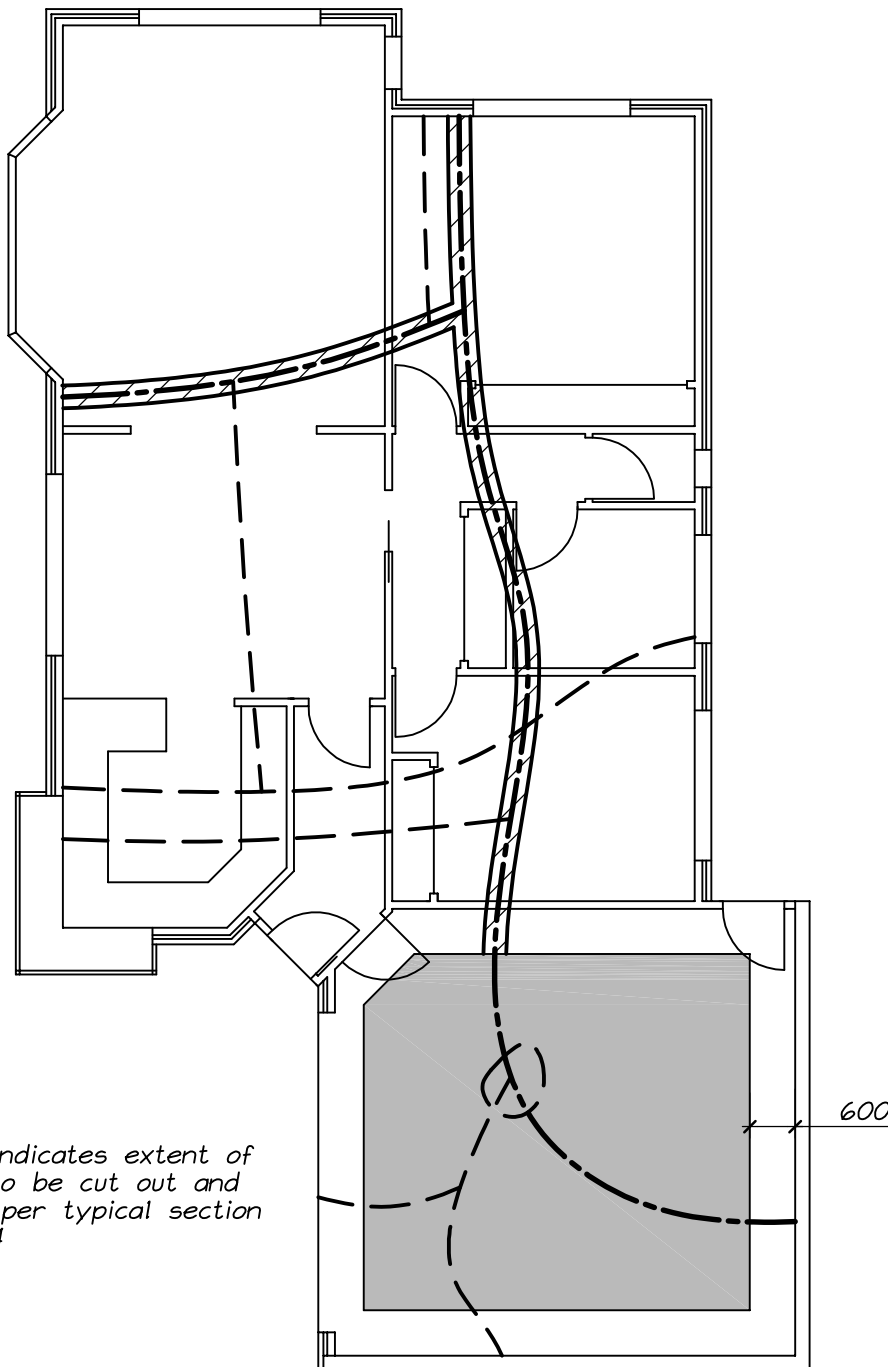
Schedule of Finishes:

The following finishes are required for the different parts of the building:

- Floor Slab U3
- Unexposed Foundations F1
- Exposed Foundations F3

The specified finishes are to be in accordance with the standards defined in NZS 3114:1987 "Concrete Surface Finishes".

It is the responsibility of the Sub-Contractor applying any surface finish, to ensure that the concrete surface is suitable for his application, always providing that the surface is structurally sound.



Shaded area indicates extent of garage floor to be cut out and reinstated as per typical section shown on SK4

LEGEND

Indicative location of slab cracks only.
Contractor to lift carpet, identify and measure crack lengths and widths.

— — — — — Cracks less than 5mm wide. Repair with Chemical injection grout.



Cracks greater than 5mm to be stitch repaired as per details attached.
Note slab scans identify variable slab depths. Confirm depths on site and repair with options 1 or 2 depending if greater than or less than 80mm in depth.

ELLCOE STREET
FLOOR PLAN



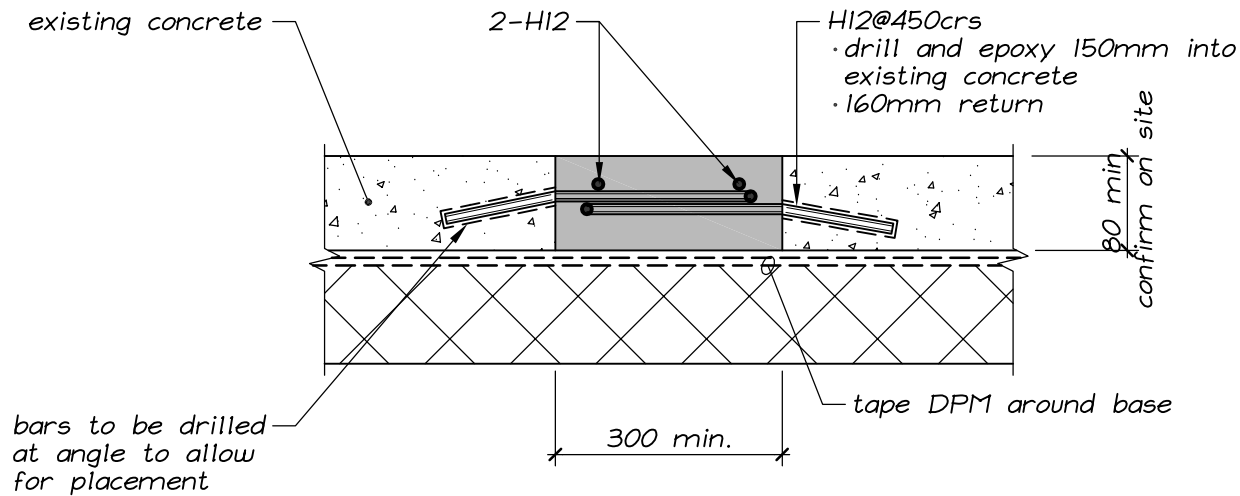
DESIGNED
DRAWN
CHECKED

SCALE AT A4
1:100 approx

REFERENCE

SHEET
SK1
ISSUE





NOTE: concrete 28 day compressive strength to be 25Mpa

OPTION 1 : TYPICAL SECTION

For floor cracks greater than 5mm width with floor slab 80mm thick or greater.

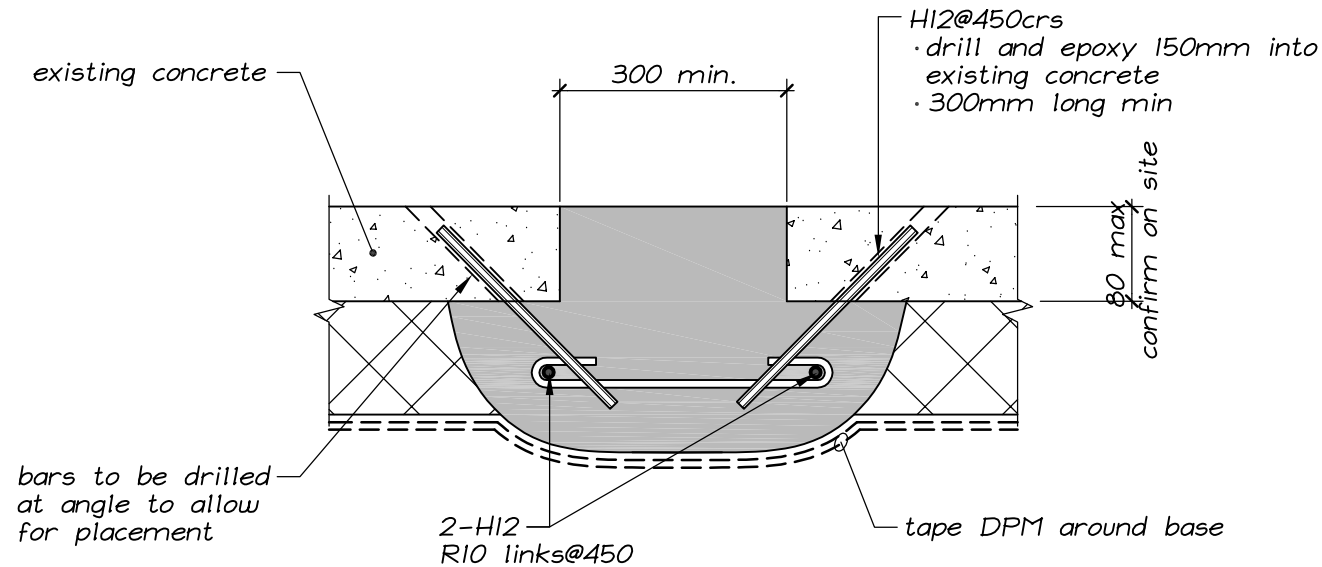
6 JELLCOE STREET, NEW BRIGHTON
SLAB REPAIR DETAIL : OPTION 1



DESIGNED
DRAWN
CHECKED
1:20

SCALE AT A4
1:20
REFERENCE

SHEET
SK2
ISSUE 1
ACENZ



NOTE: concrete 28 day compressive strength to be 25Mpa

OPTION 2 : TYPICAL SECTION

For floor cracks greater than 5mm width with floor slab less than 80mm thick.

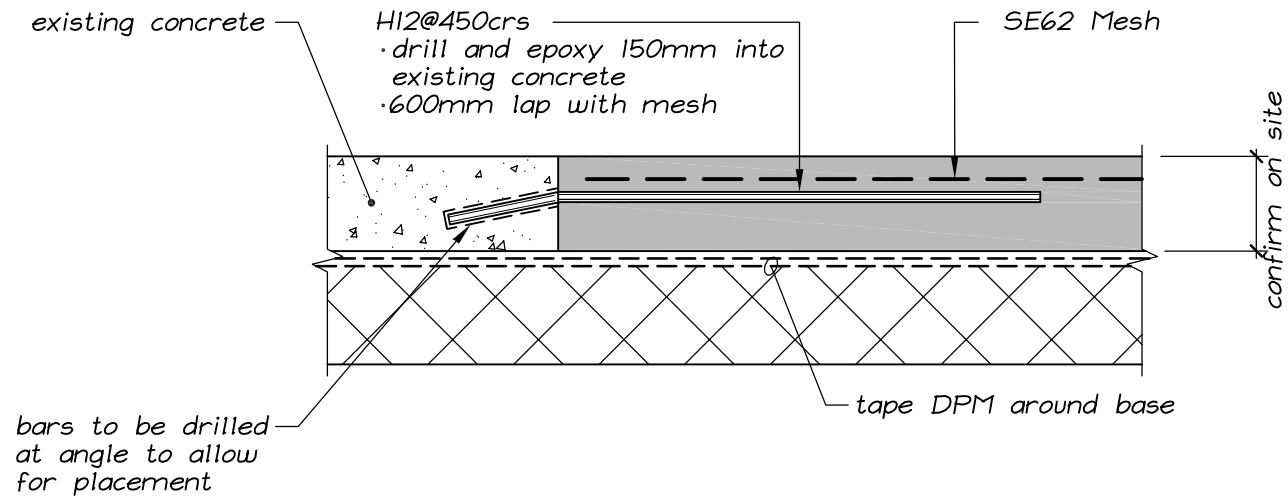
6 JELLCOE STREET, NEW BRIGHTON
SLAB REPAIR DETAIL : OPTION 2



DESIGNED
 DRAWN
 CHECKED
 1:20

SCALE AT A4
 1:20
 REFERENCE

SHEET
 SK3
 ISSUE 1
 ACENZ



NOTE: concrete 28 day compressive strength to be 25Mpa

GARAGE FLOOR REPLACEMENT : TYPICAL SECTION

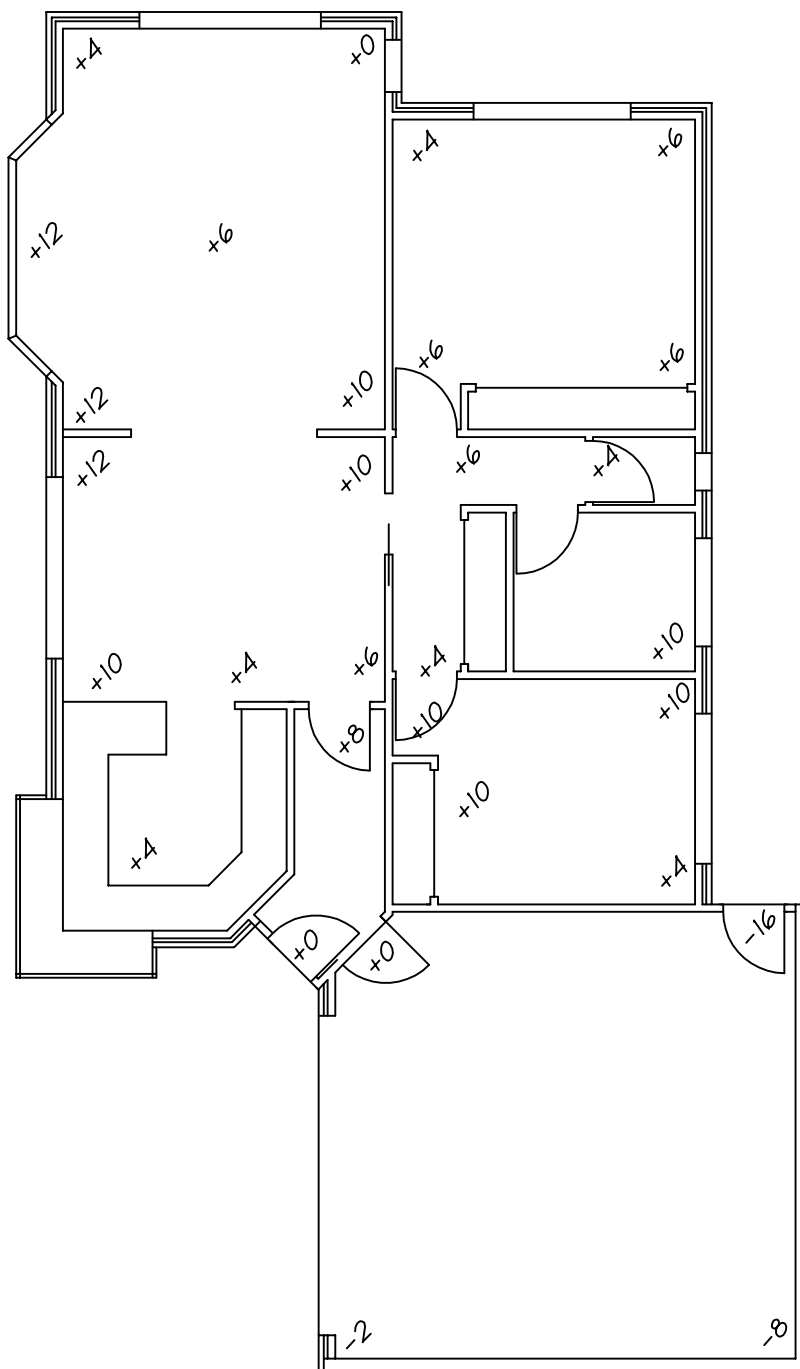
6 JELlicoe STREET, NEW BRIGHTON
GARAGE FLOOR REPLACEMENT



DESIGNED
 DRAWN
 CHECKED
 1:20

SCALE AT A4
 1:20
 REFERENCE

SHEET
 SK4
 ISSUE 1
 ACENZ



* Indicates existing house floor levels recorded on 21.05.2021.

Floor levels are within MBIE tolerances for the Canterbury Earthquakes.
No floor leveling will be required.

ELLCOE STREET
_OOR LEVELS PLAN



DESIGNED
DRAWN
CHECKED

SCALE AT A4
1:100 approx

REFERENCE

SHEET
SKETCH
ISSUE



DATE - 7/10/2021

SCOPE OF WORKS - FLOOR REPAIRS

6 JELICOE STREET, CHRISTCHURCH



ELEMENT/AREA OF WORK	DESCRIPTION	QUANTITY		RATE	TOTAL
SERVICES					
Plumbing					
	Disconnect the kitchen tap, wastes, toilet, vanity, laundry tub and install new shower mixer	1	no	\$ 585.00	\$ 585.00
	Fit off, kitchen tap and wastes, toilet, vanity, laundry tub and shower	1	no	\$ 1,300.00	\$ 1,300.00
ELECTRICAL	SCOPE: As per on site scope, disconnection & reconnection of electrical fixtures.				
THIS WORK INCLUDES:	Disconnection & Reconnection of all internal electrical outlets, switches and lights. Disconnection & Reconnection of Heat Pump units. Disconnection & Reconnection of Kitchen Appliances. Disconnection & Reconnection of Heaters and Night Store Heaters. Storage of electrical fixtures and fittings. Testing and compliance on all works.				
			no	\$ 4,601.10	\$ 4,601.10
FLOOR COVERINGS	SCOPE: As per on site scope remove and replace all floor coverings				
	Remove existing & supply and install new carpet.	77.37	m2	\$ 58.58	\$ 4,532.00
	Remove existing & Supply and install new vinyl in Bathroom, Toilet, kitchen and entry	15	m2	\$ 244.33	\$ 3,665.00
	prep, supply and install new carpet to the garage.	40	m2	\$ 53.00	\$ 2,120.00

INTERIOR PAINTING	Please note: 3 Coat paint system allowed in all new gib areas and 2 coats to existing areas. No windows/ window frames have been allowed for in this price				
	Lounge				
	Stopping level 4 to interior linings where wall replaced.	7.2	m2	\$ 9.50	\$ 68.40
	Gapfill, Sand and Paint Ceiling Linings.	23.22	m2	\$ 14.50	\$ 336.69
	Gapfill, Sand and Paint Wall Linings.	46.55	m2	\$ 14.50	\$ 674.98
	Gapfill, Sand and Paint Skirting Boards.	19.4	lm	\$ 5.00	\$ 97.00
	Oil over Interior Trim.	7.3	lm	\$ 10.50	\$ 76.65
	Kitchen				
	Gapfill, Sand and Paint Ceiling Linings.	9.22	m2	\$ 14.50	\$ 133.69
	Gapfill, Sand and Paint Wall Linings.	29.28	m2	\$ 14.50	\$ 424.56
	Gapfill, Sand and Paint Skirting Boards.	4	lm	\$ 5.00	\$ 20.00
	Dining				
	Gapfill, Sand and Paint Ceiling Linings.	12.9	m2	\$ 14.50	\$ 187.05
	Gapfill, Sand and Paint Wall Linings.	35.4	m2	\$ 14.50	\$ 513.30
	Gapfill, Sand and Paint Skirting Boards.	14.6	lm	\$ 5.00	\$ 73.00
	Entry				
	Gapfill, Sand and Paint Ceiling Linings.	4.95	m2	\$ 14.50	\$ 71.78
	Gapfill, Sand and Paint Wall Linings.	29.8	m2	\$ 14.50	\$ 432.10
	Gapfill, Sand and Paint Skirting Boards.	10	lm	\$ 5.00	\$ 50.00
	Hallway				
	Stopping level 4 to interior linings where wall replaced.	4.8	m2	\$ 9.50	\$ 45.60
	Gapfill, Sand and Paint Ceiling Linings.	3.9	m2	\$ 14.50	\$ 56.55
	Gapfill, Sand and Paint Wall Linings.	24	m2	\$ 14.50	\$ 348.00
	Gapfill, Sand and Paint Skirting Boards.	10	lm	\$ 5.00	\$ 50.00
	Bathroom				
	Stopping level 4 to interior linings where wall replaced.	38.4	m2	\$ 9.50	\$ 364.80
	Gapfill, Sand and Paint Ceiling Linings.	4.22	m2	\$ 14.50	\$ 61.19
	Gapfill, Sand and Paint Wall Linings.	34.2	m2	\$ 14.50	\$ 495.90
	Gapfill, Sand and Paint Skirting Boards.	8.4	lm	\$ 5.00	\$ 42.00
	Toilet				
	Gapfill, Sand and Paint Ceiling Linings.	1.5	m2	\$ 14.50	\$ 21.75
	Gapfill, Sand and Paint Wall Linings.	12	m2	\$ 14.50	\$ 174.00
	Gapfill, Sand and Paint Skirting Boards.	4	lm	\$ 5.00	\$ 20.00
	Bedroom 1				
	Stopping level 4 to interior linings where wall replaced.	7.2	m2	\$ 9.50	\$ 68.40
	Gapfill, Sand and Paint Ceiling Linings.	17.63	m2	\$ 14.50	\$ 255.64
	Gapfill, Sand and Paint Wall Linings.	40.32	m2	\$ 14.50	\$ 584.64
	Gapfill, Sand and Paint Skirting boards.	16.8	lm	\$ 5.00	\$ 84.00
	Oil over Interior trim.	8.3	lm	\$ 10.50	\$ 87.15
	Bedroom 2				
	Stopping level 4 to interior linings where wall replaced.	4.8	m2	\$ 9.50	\$ 45.60
	Gapfill, Sand and Paint Ceiling Linings.	13.12	m2	\$ 14.50	\$ 190.24
	Gapfill, Sand and Paint Wall Linings.	35.04	m2	\$ 14.50	\$ 508.08
	Gapfill, Sand and Paint Skirting Boards.	19.4	lm	\$ 5.00	\$ 97.00
	Oil over Interior Trim.	7.5	lm	\$ 10.50	\$ 78.75
	Garage				
	Stopping level 4 to interior linings where wall replaced.	12.2	m2	\$ 9.50	\$ 115.90
	Gapfill, Sand and Paint ceiling linings.	37.12	m2	\$ 14.50	\$ 538.24
	Gapfill, Sand and Paint Wall Linings.	58.55	m2	\$ 14.50	\$ 848.98
	Gapfill, Sand and Paint skirting boards.	24.4	lm	\$ 5.00	\$ 122.00
	Oil over Interior trim.	7.3	lm	\$ 10.50	\$ 76.65
	Doors				
	Oil over interior doors and frames	13	no	\$ 120.00	\$ 1,560.00
BATHROOM	SCOPE: As per on site scope remove and replace the following bathroom gear				
	Supply of new shower and waste.	1	no	\$ 1,252.73	\$ 1,252.73
	Shower and shower dome install.	1	no	\$ 650.00	\$ 650.00
	Shower dome supply.	1	no	\$ 234.12	\$ 234.12
	Supply of new shower fixers, mixer and slide shower.	1	no	\$ 262.20	\$ 262.20

FOUNDATIONS/SLAB	SCOPE: Repair slab as per engineering details				
	Fix cracks in perimeter foundation upto.	2	m	\$ 278.73	\$ 557.46
	Fix cracks in Slab up to 5 mm upto.	23	m	\$ 278.73	\$ 6,410.79
	Cut slab as per plans.	55	lm	\$ 26.75	\$ 1,471.25
	Supply and place concrete as per plan.	31	m2	\$ 106.47	\$ 3,300.58
	Core drilling holes.	20	no	\$ 32.50	\$ 650.00
	Brake out concrete as per plan .	31	m2	\$ 81.52	\$ 2,527.20
	Prep base and compact .	31	m2	\$ 64.03	\$ 1,984.80
	Drill and epoxy steel as per plan for slab repair then install mesh .	31	m2	\$ 208.07	\$ 6,450.31
CARPENTRY	Remove existing walls as per plan to allow for slab repairs / prop ceiling.	38.4	m2	\$ 46.48	\$ 1,784.80
	Rebuild walls that have been removed and install gib board.	38.4	m2	\$ 112.77	\$ 4,330.37
	Install trims where walls have been replaced.	32	lm	\$ 17.01	\$ 544.32
	Remove and reinstall kitchen with new toe kicks.	1	no	\$ 3,150.65	\$ 3,150.65
	Remove and reinstate the vainty.	1	no	\$ 203.32	\$ 203.32
	Remove and reinstate then Ease Doors.	13	no	\$ 113.25	\$ 1,472.25
HARDWARE	Remove and instate of all the curtain rails.	1	no	\$ 600.00	\$ 600.00
P&G's 8%	Site Set up.	1	no	\$ 669.98	\$ 669.98
	Project management.	1	no	\$ 2,200.00	\$ 2,200.00
	Skips.	2	no	\$ 608.70	\$ 608.70
	Protection.	1	no	\$ 285.00	\$ 285.00
	Portaloo.	1	no	\$ 648.00	\$ 648.00
	Plant & Tools.	1	no	\$ 485.12	\$ 485.12
	Travel.	1	no	\$ 684.18	\$ 684.18
MONETARY ALLOWANCES	Supply and Install H-Flow Grout to fill voids in slab.	1	item	\$ 4,521.74	\$ 4,521.74
	Allowance for a Provisional Sum of \$500 to cover replacement of damaged downlight fittings.	1	item	\$ 500.00	\$ 500.00

Subtotal excl g	\$ 75,343.21
Margin 10%	\$ 7,534.32
Subtotal	\$ 82,877.53
GST	\$ 12,431.63
TOTAL	\$ 95,309.16