

# TKKM O TAMAKI NUI A RUA NEW ROLL GROWTH CLASSROOMS

36 Makirakiri Road  
Dannevirke

for  
TKKM O Tamaki Nui A Rua Board of Trustees

## DRAWINGS

Sheet No	Description	Scale
S.01	Existing Site Plan	1:500
S.02	Proposed Site Plan	1:500
<b>BLOCK A DRAWINGS</b>		
A.01	Block A; Existing Floor Plan	1:100
A.02	Block A; Proposed Floor Plan	1:100
A.03	Block A; Sub-floor Framing & Wall Bracing Plan	1:100
A.04	Block A; Roof Framing Plan	1:100
A.05	Block A; Roofing Plan	1:100
A.06	Block A; Services Plan	1:100
A.07	Block A; Electrical Plan	1:50
A.08	Block A; Floor Coverings plan	1:100
A.09	Block A; Cross Section A-A	1:40
A.10	Block A; Cross Section B-B	1:40
A.11	Block A; Cross Section C-C	as shown
A.12	Block A; 3D Sketch for Flashing Details	N.T.S.
A.13	Block A; Cross Section Details	as shown
A.14	Block A; Sink Unit Details	1:30
A.15	Block A; Door & Window Schedule	1:20
A.16	Block A; New Classroom Interior Elevations	1:50
A.17	Block A; Break-out Space Interior Elevations	1:50
A.18	Block A; Exterior Elevations	1:100
<b>BLOCK B DRAWINGS</b>		
B.01	Block B; Existing Floor Plan	1:100
B.02	Block B; Proposed Floor Plan	1:100
B.03	Block B; Kitchen Floor Plan & Joinery Details	as shown
B.04	Block B; Dimension Plan	1:100
B.05	Block B; Wall bracing Plan	1:100
B.06	Block B; Sub-framing Plan	as shown
B.07	Block B; New Deck Sub-floor Framing plan & Entry Porch Slab Details	1:50
B.08	Block B; Roofing Framing Plan 1	as shown
B.09	Block B; Roofing Framing Plan 2	as shown
B.10	Block B; Roofing Plan	1:100
B.11	Block B; Services Plan	as shown
B.12	Block B; Electrical Plan	1:100
B.13	Block B; Floor Coverings Plan	1:100
B.14	Block B; Cross Section A-A	1:40
B.15	Block B; Cross Section B-B	1:40
B.16	Block B; Cross Section C-C	1:30
B.17	Block B; Cross Section D-D	1:30
B.18	Block B; Cross Section E-E	1:25
B.19	Block B; Cross Sections F-F & G-G	1:20
B.20	Block B; Cross Section H-H	1:25
B.21	Block B; Cross Section I-I	1:30
B.22	Block B; Typical Verandah Details	as shown
B.23	Block B; Cross Section Details 1, 2, 3 & 4	as shown
B.24	Block B; Cross Section Details 5, 6, 7 & 8	1:8
B.25	Block B; Cross Section Details 9, 10, & 11	1:10
B.26	Block B; Cross Section Details 12, 13, & 14	as shown
B.27	Block B; Cross Section Details 15 & 16	1:10
B.28	Block B; Window & door Schedule 1	1:30
B.29	Block B; Window & door Schedule 2	1:30
B.30	Block B; Wall mounted Bench & Cabinet Details	as shown
B.31	Block B; Teaching Space 1 Interior Elevations	1:50
B.32	Block B; Teaching Space 2 Interior Elevations	1:50
B.33	Block B; Teaching Space 3 Interior Elevations	1:50
B.34	Block B; Quiet Space & Teacher's Work Space interior Elevations	1:50
B.35	Block B; Kitchen Interior Elevations	1:50
B.36	Block B; Proposed Exterior Elevations 1	1:100
B.37	Block B; Proposed Exterior Elevations 2	1:100
<b>GENERAL DRAWINGS</b>		
G.01	Typical Window & Corner Flashing Details 1	1:3
G.02	Typical Door Flashing Details 2	1:3
G.03	Typical Flashing Details 3	1:3
G.04	Racking Window Head Flashing Detail	N.T.S.
G.05	Blocks A & B Teacher's Whiteboard/storage Unit Details	1:20
G.06	Exterior Decorative Panel Details 1	as shown
G.07	Exterior Decorative Panel Details 2	as shown
G.08	Typical Interior Elevation Set-out	as shown
G.09	Additional Flashing Details	N.T.S.
G.10	Classroom/Verandah Roof Junction Details	1:10
G.11	Apron Flashing Details	1:16
G.12	Dormer Roof Flashing Detail	N.T.S.
G.13	Ridge Flashing & Valley Gutter Detail	N.T.S.



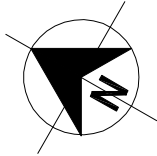
IR Group Ltd

Design - Project Management - Planning

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**NOTES:**  
Drawings to be read in conjunction with attached Kevin O'Connor & Associates engineering report & details, and the Holmes Fire fire engineering strategy report.

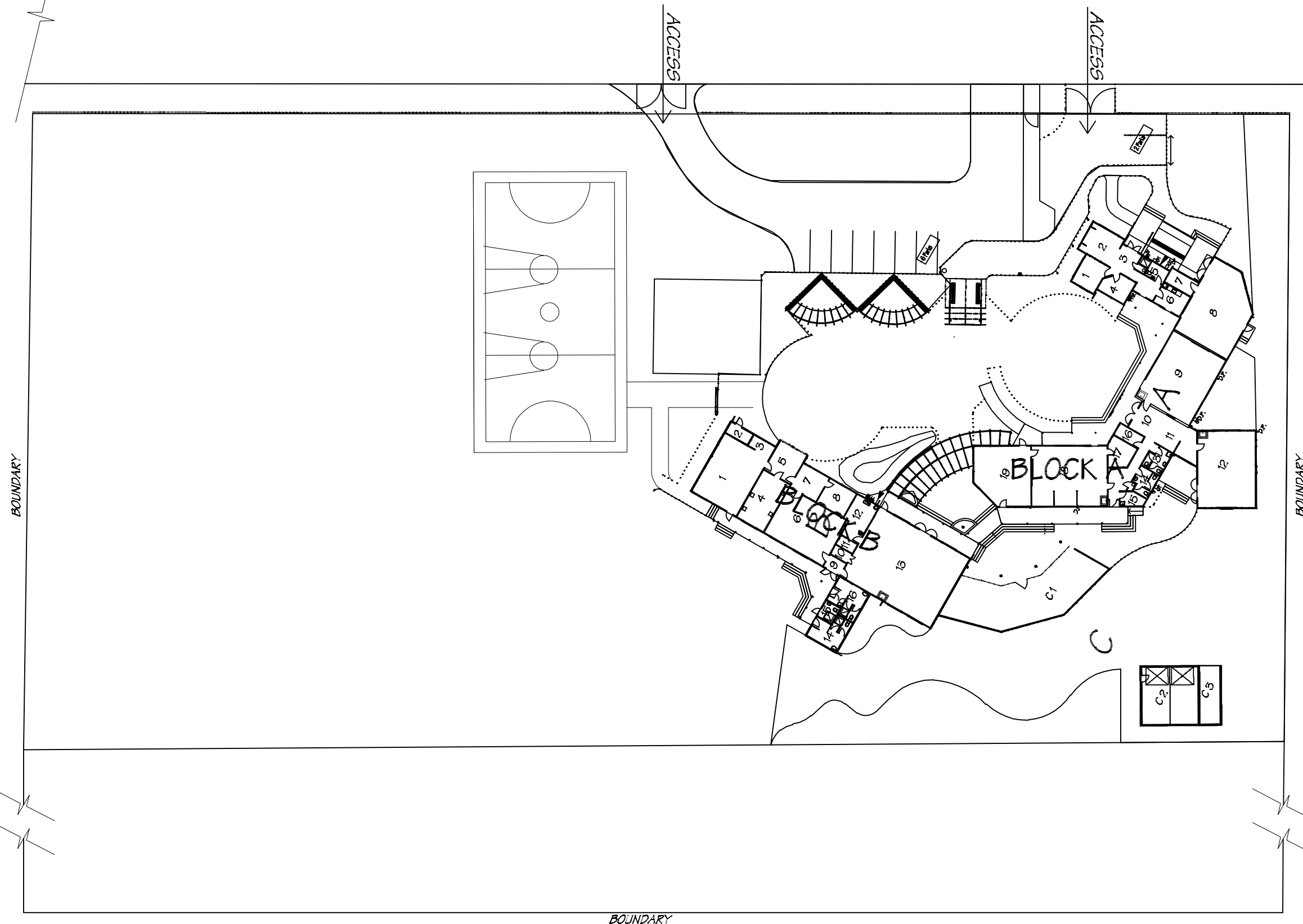
Pricing/Building  
Consent  
Drawings



**Legal Description:**  
Lot 1 DP23991 in Block II Tahoraiti SD  
Section 1 SO 334288  
**Exposure Zone:** B  
**Earthquake Zone:** 3  
**Wind Zone:** Very High

STATE HIGHWAY - 2 KM  
south  
of Dannevirke

MAKIRIKIRI ROAD



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TKKM O Tamaki Nui A Rua  
36 Makirakiri Road  
Dannevirke

PROJECT

Roll Growth Classrooms

DRAWING TITLE

Existing Site Plan

REVISIONS

No Date Description

Scale

1:500

Date

26/5/2016

Original sheet size

A5

Drawn

S.T.

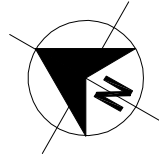
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Pricing/Building Consent  
Drawings

Do not scale from drawings.  
Check all dimensions on site.

1



STATE HIGHWAY -  
2 km south of Dannevirke

MAKIRIKIRI ROAD

ACCESS

ACCESS

BOUNDARY

BOUNDARY

FENCE LINE

LOCATION OF NEW  
CLASSROOM & DECK  
AT BLOCK A

LOCATION OF NEW  
CLASSROOM ADDITION  
& ALTERATIONS AT BLOCK B

TEMPORARY 1.8m HIGH CHAIN MESH & PIPE  
FENCE ON CONCRETE BASES TO FORM  
CONSTRUCTION ZONE

FENCE LINE

BOUNDARY

91.6m

78.0m

91.0m

4.6m



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TKKM O Tamaki Nui A Rua  
36 Makirakiri Road  
Dannevirke

PROJECT

Roll Growth Classrooms

DRAWING TITLE

Proposed Site Plan

REVISIONS

No Date Description

Scale

1:500

Date

26/5/2016

Original sheet size

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Drawn

S.T.

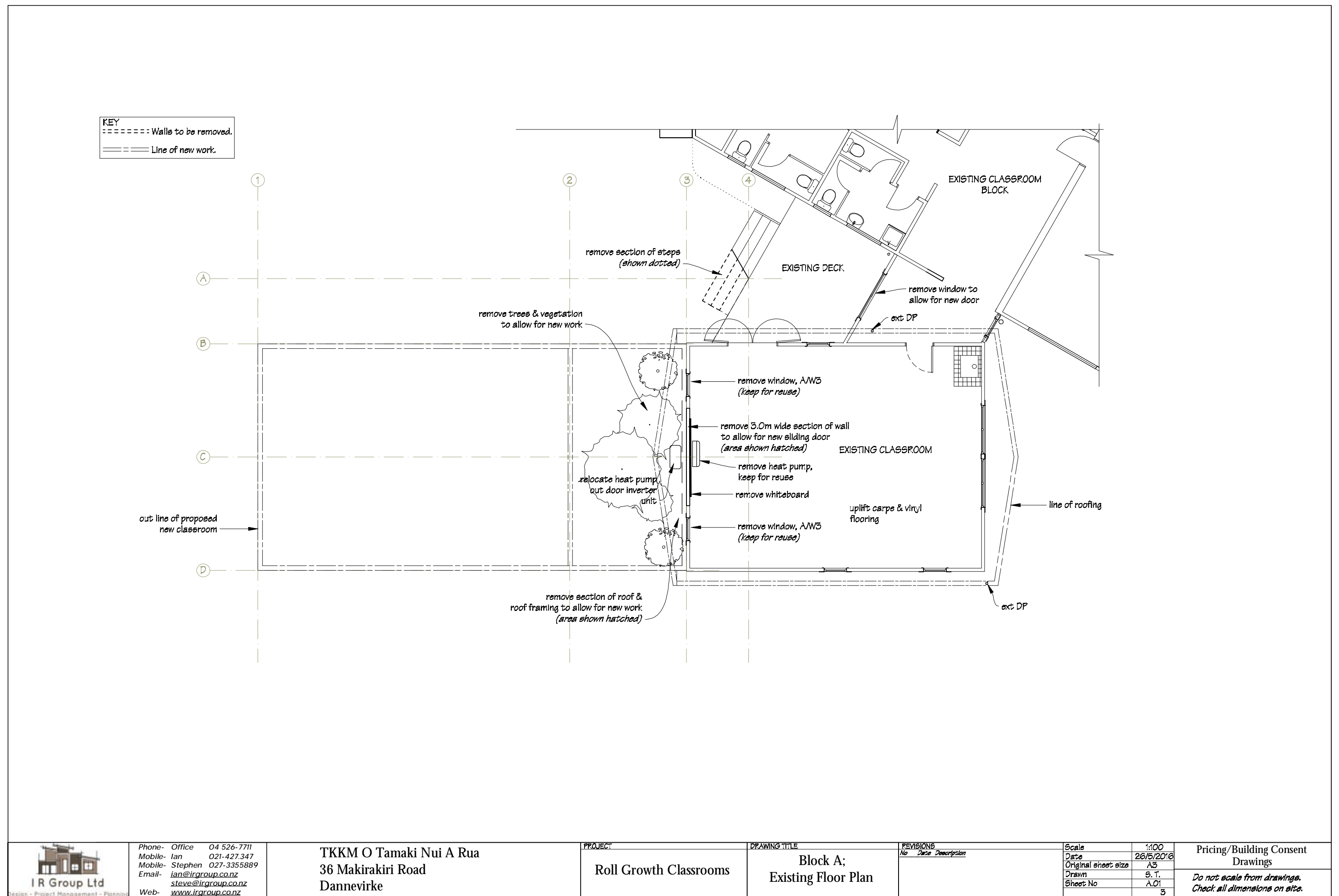
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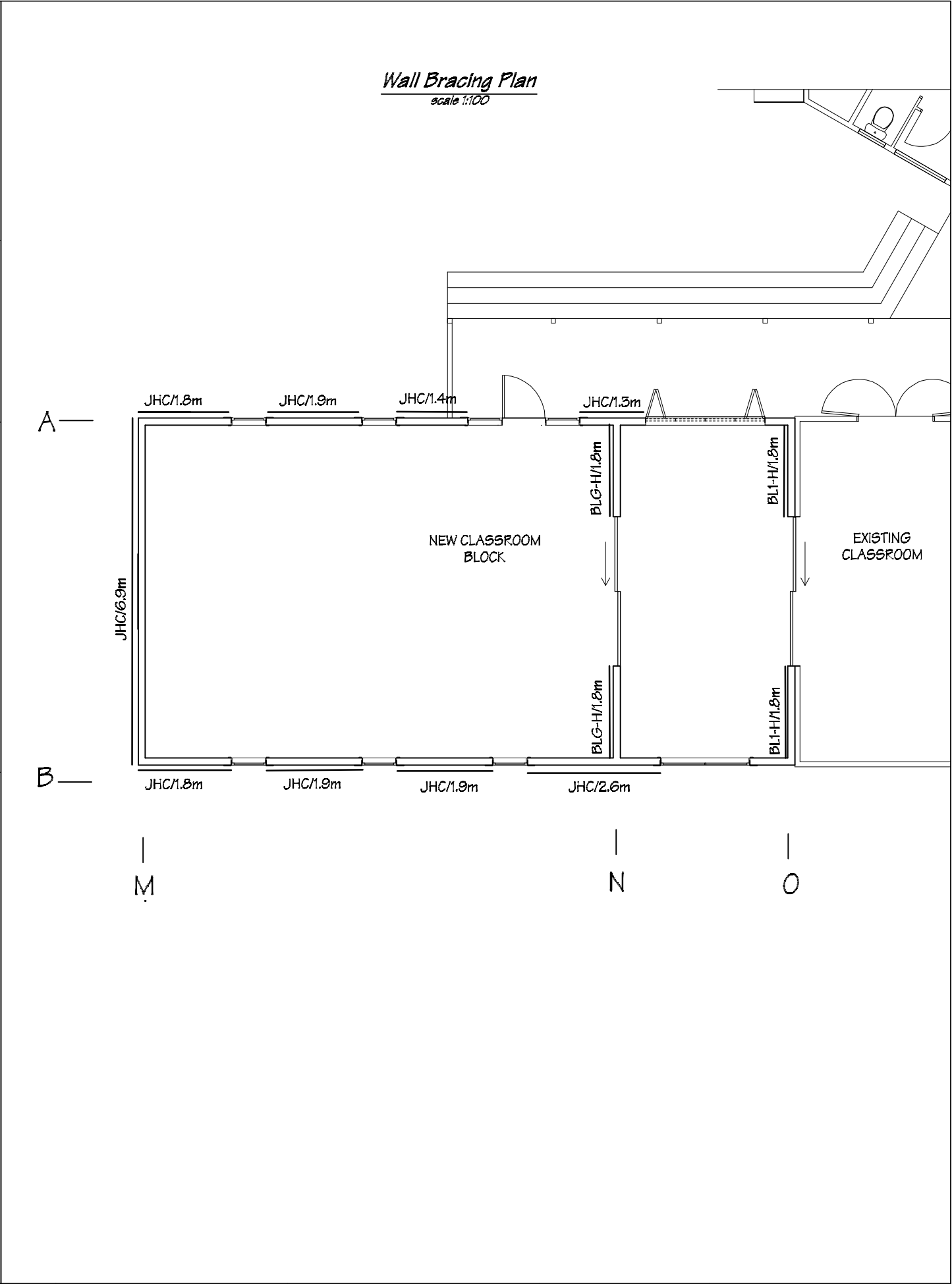
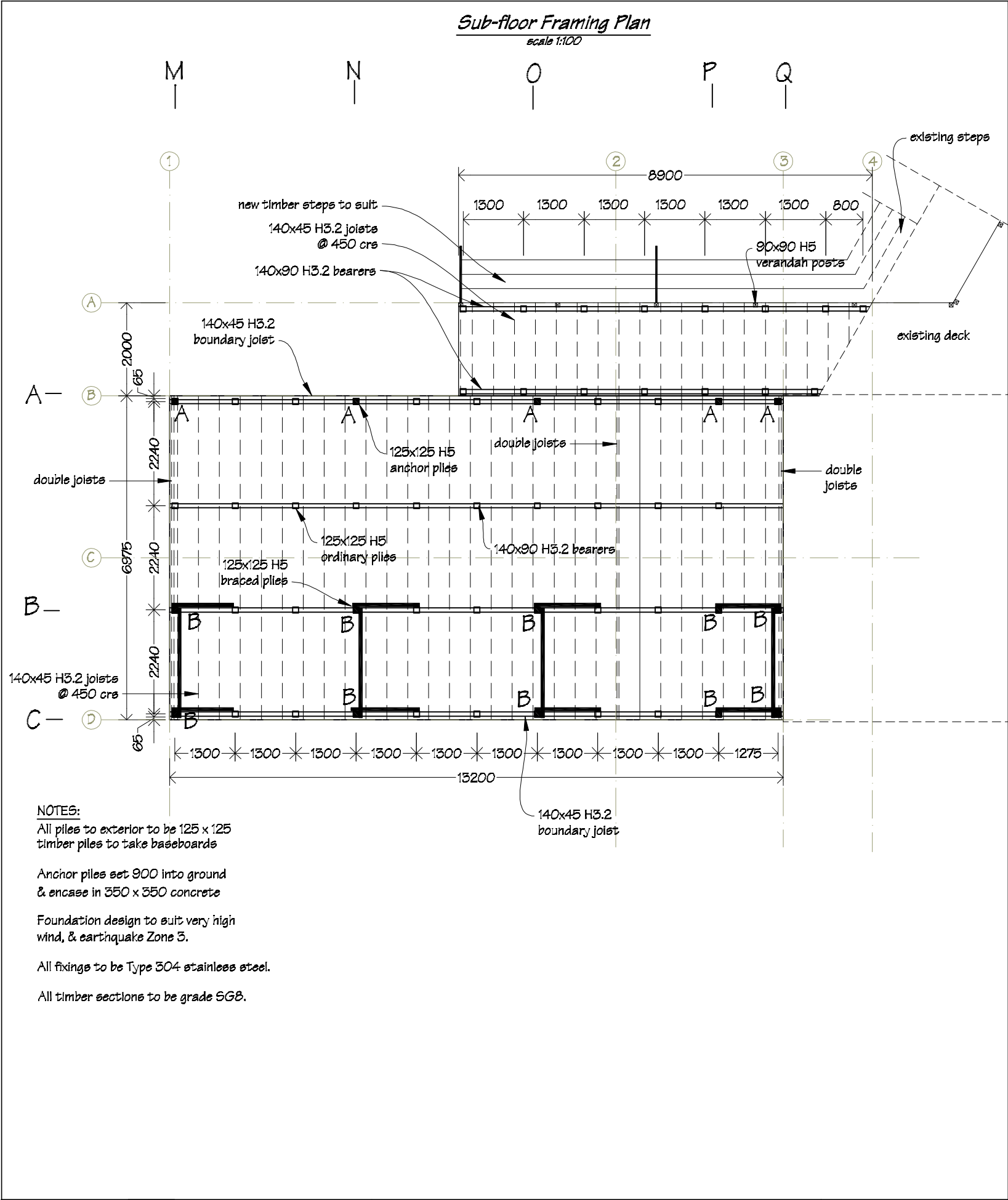
Pricing/Building Consent  
Drawings


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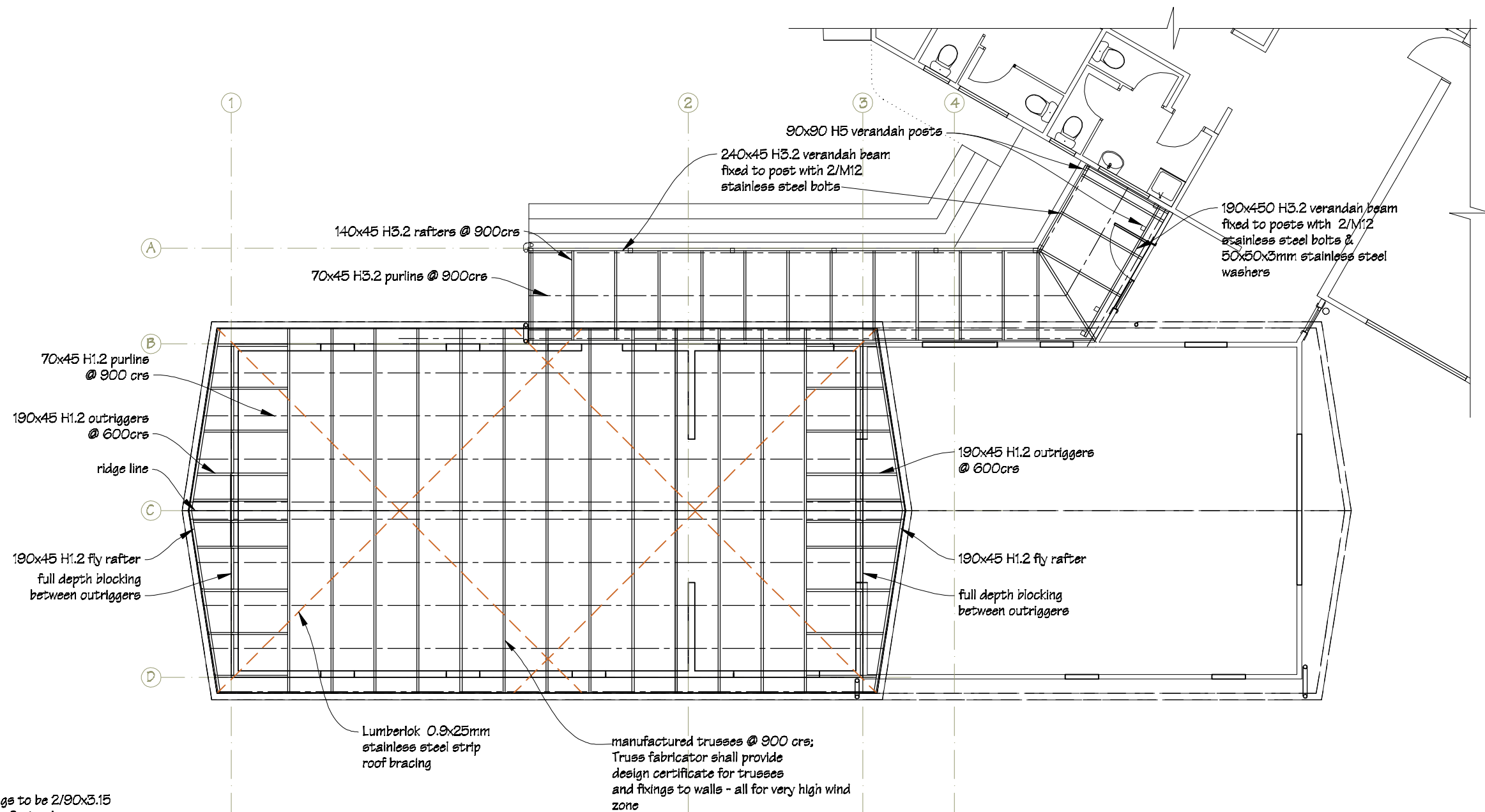
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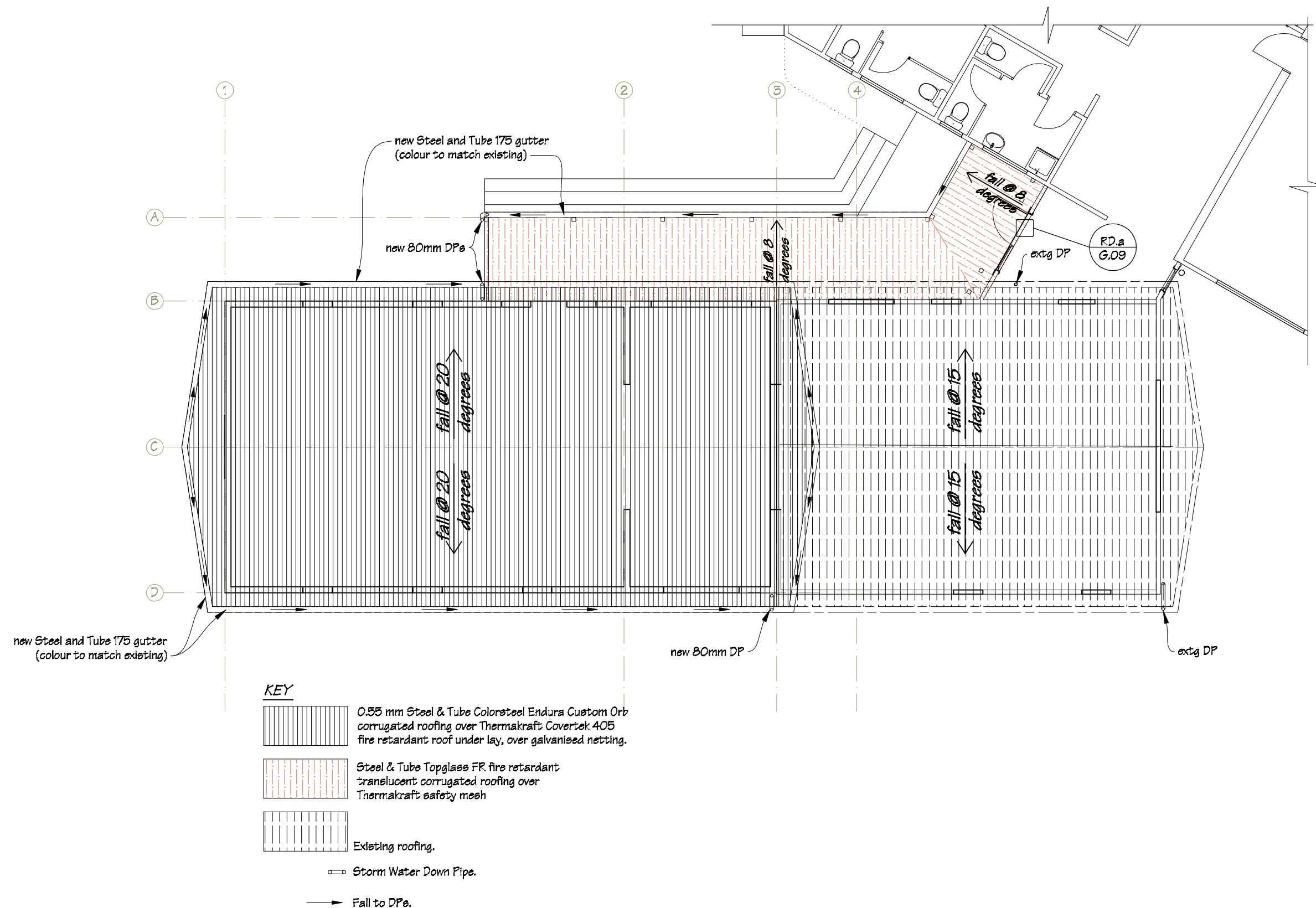



 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711 Mobile- Ian 021-427.347 Mobile- Stephen 027-3355889 Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a> <a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a> Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT Roll Growth Classrooms	DRAWING TITLE Block A; Sub-floor Framing & Wall Bracing Plans	REVISIONS No Date Description	Scale	1:100	Pricing/Building Consent Drawings  Do not scale from drawings. Check all dimensions on site.
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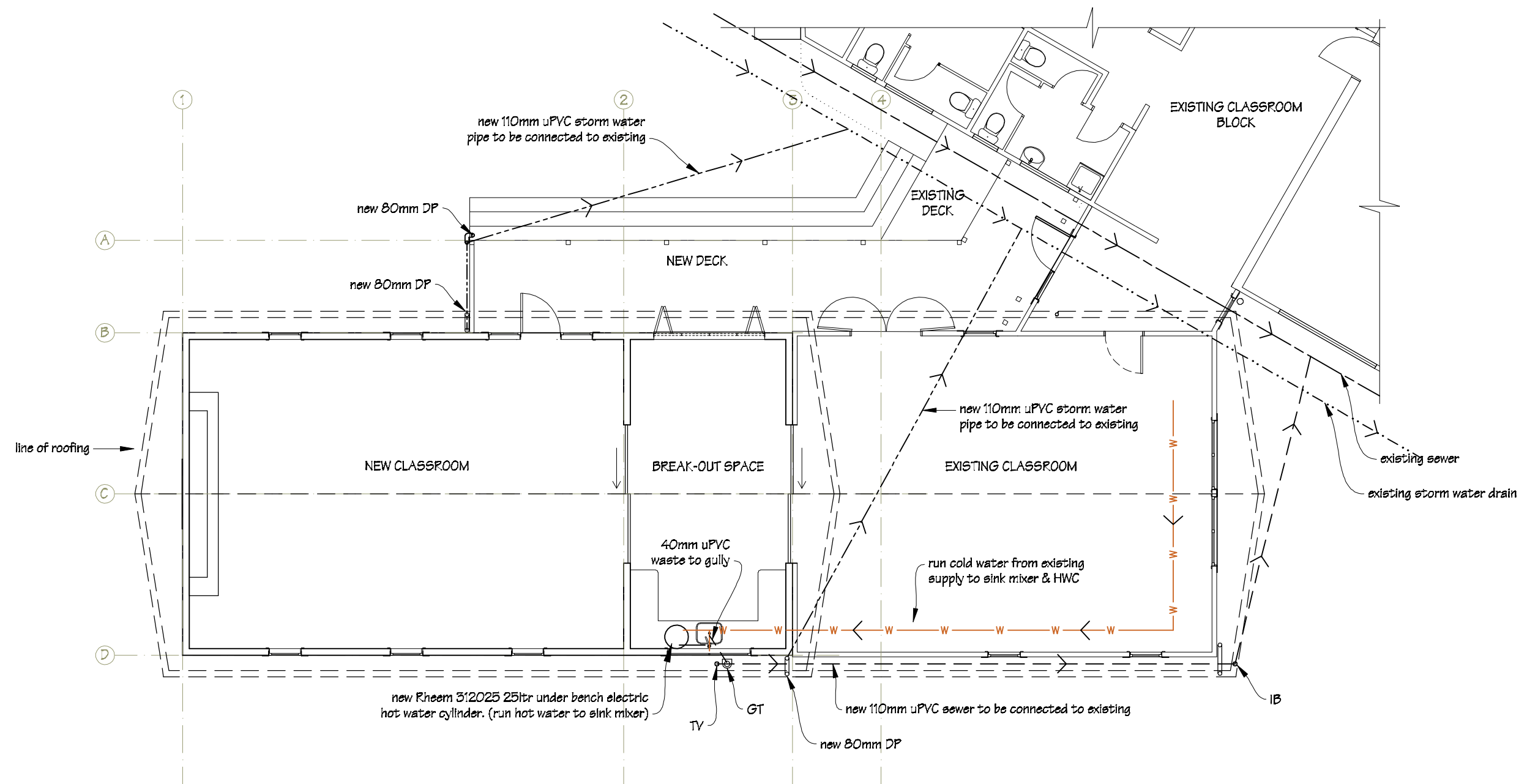



**FIXINGS**  
 Rafter fixings to be 2/90x3.15 skew nails + 2 wire dogs.  
 Purlin fixings to be 1/10g self-drilling screw, 80mm long.  
 All timber sections to be SGB timber grade.

 <b>IR Group Ltd</b> <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  A Block; Roof Framing Plan	REVISIONS <i>No Date Description</i>	Scale	1:100	Pricing/Building Consent Drawings
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	Mobile- Stephen 027-3355889					Original sheet size	A3	
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	<a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>						6	
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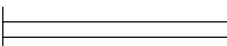
















 <b>IR Group Ltd</b> <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  A Block; Roofing Plan	<table><tr><th colspan="3">REVISIONS</th></tr><tr><th>No</th><th>Date</th><th>Description</th></tr><tr><td> </td><td> </td><td> </td></tr></table>	REVISIONS			No	Date	Description				Scale 1:100	Pricing/Building Consent Drawings
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	No					Date	Description									
	Mobile- Ian 021-427.347					Date 26/5/2016										
	Mobile- Stephen 027-3355889					Original sheet size A5										
	Email- ian@irgroup.co.nz					Drawn S. T.										
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Web- www.irgroup.co.nz	7															
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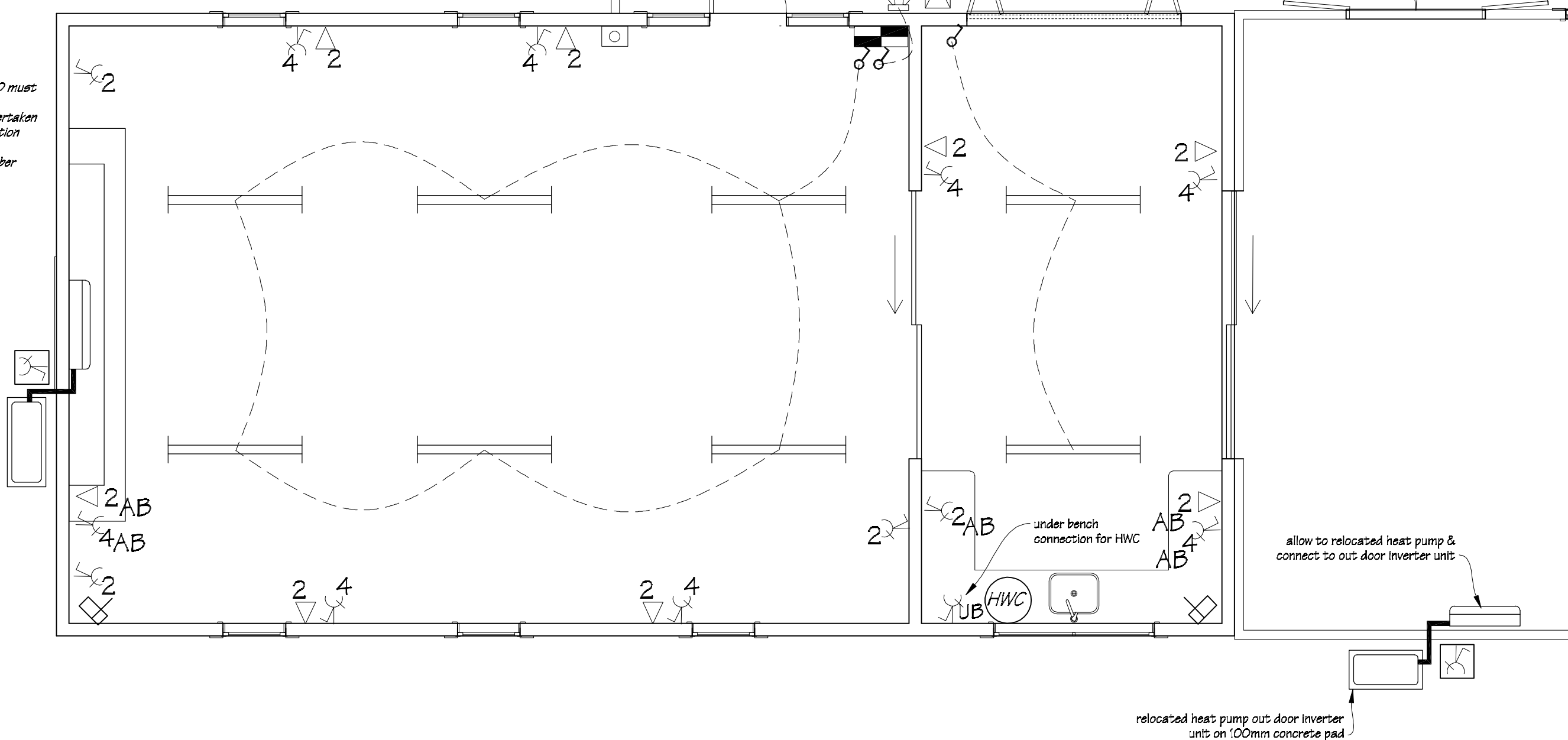
 <p>IR Group Ltd Design - Project Management - Planning</p>	<p>Phone- Office 04 526-7711 Mobile- Ian 021-427,347 Mobile- Stephen 027-3355889 Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a> <a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a> Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a></p>	<p>TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke</p>	<p>PROJECT Roll Growth Classrooms</p>	<p>DRAWING TITLE Block A; Services Plan</p>	<p>REVISIONS No Date Description</p>	<p>Scale 1:100 Date 26/5/2016 Original sheet size A5 Drawn S. T. Sheet No A.06</p>	<p>Pricing/Building Consent Drawings <i>Do not scale from drawings. Check all dimensions on site.</i></p>
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# LEGEND

-  New distribution board.
-  Thorn College fluorescent light fitting; 2x49w HF PC LC 962057B1.
-  Exterior security light with daylight sensor & motion detector.
-  One way light switch 10A flush mounted.
-  2 Double data outlets located 300mm above FFL.
-  2 Double data outlets AB located above bench.
-  Rheem 312025 25ltr under bench electric hot water cylinder.
-  P.I.R. Sensor
-  Fire alarm bell
-  4 Switched socket outlet 30mA RCD quad flush mounted, located 300mm above FFL.
-  4 AB Switched socket outlet 30mA RCD quad flush mounted, located above bench.
-  2 Switched socket outlet 30mA RCD double flush mounted, located 300mm above FFL.
-  2 AB Switched socket outlet 30mA RCD double flush mounted, located above bench.
-  UB Switched socket outlet 30mA RCD single flush mounted, located under bench.
-  Exterior switched socket for heat pump out door unit
-  Fire alarm call points

**NOTE:**

- For all new light circuits, a 30mA RCD must be used for protection.
- Ensure that all electrical work is undertaken in accordance with Ministry of Education Electrical Installation: Standard for Schools document; version 1.6 - October 2015.



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TKKM O Tamaki Nui A Rua  
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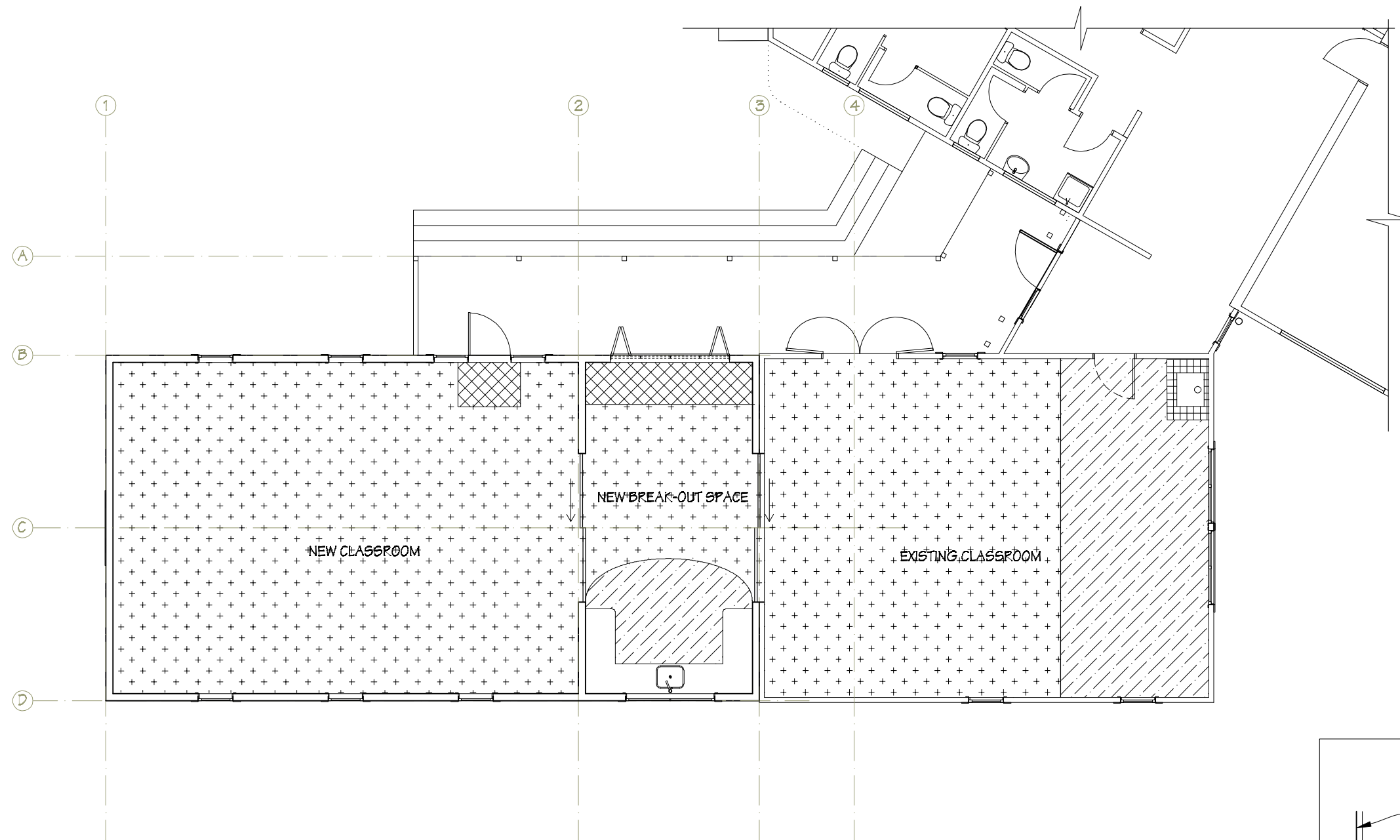
PROJECT  
Roll Growth Classrooms

DRAWING TITLE  
A Block;  
Electrical Plan

REVISIONS  
No Date Description

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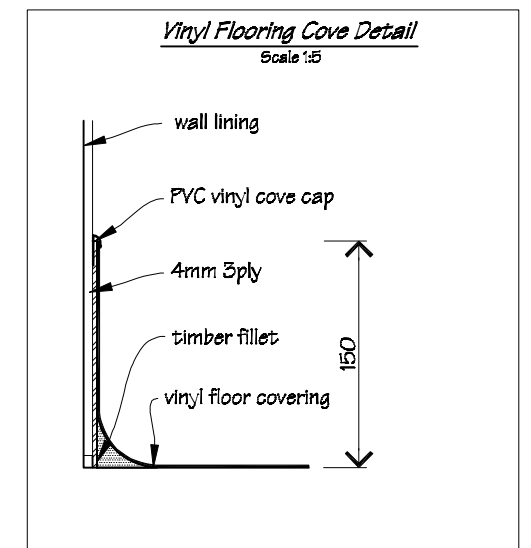
Pricing/Building Consent  
Drawings  
Do not scale from drawings.  
Check all dimensions on site.




**KEY**

- Floor Space Kinetic carpet tiles
- Tarkett Granit vinyl flooring
- Autex Widetrack carpet

**NOTES:**  
 Vinyl flooring to be coved to 150mm.  
 Floor covering colours to be advised.



 <b>IR Group Ltd</b> <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  Block A; Floor Coverings Plan	REVISIONS <table><tr><th>No</th><th>Date</th><th>Description</th></tr><tr><td>1</td><td>14.3.16</td><td>New carpets &amp; vinyl indicated in existing classroom.</td></tr></table>	No	Date	Description	1	14.3.16	New carpets & vinyl indicated in existing classroom.	Scale 1:100	Pricing/Building Consent Drawings
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	1					14.3.16	New carpets & vinyl indicated in existing classroom.						
	Mobile- Ian 021-427.347					Date 26/5/2016							
	Mobile- Stephen 027-3355889					Original sheet size A3							
Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a>	Drawn S. T.												
<a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a>	Sheet No A.08												
Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>						10	<i>Do not scale from drawings. Check all dimensions on site.</i>						

NOTES:

All piles to exterior to be 125 x 125 timber  
piles to take baseboards.

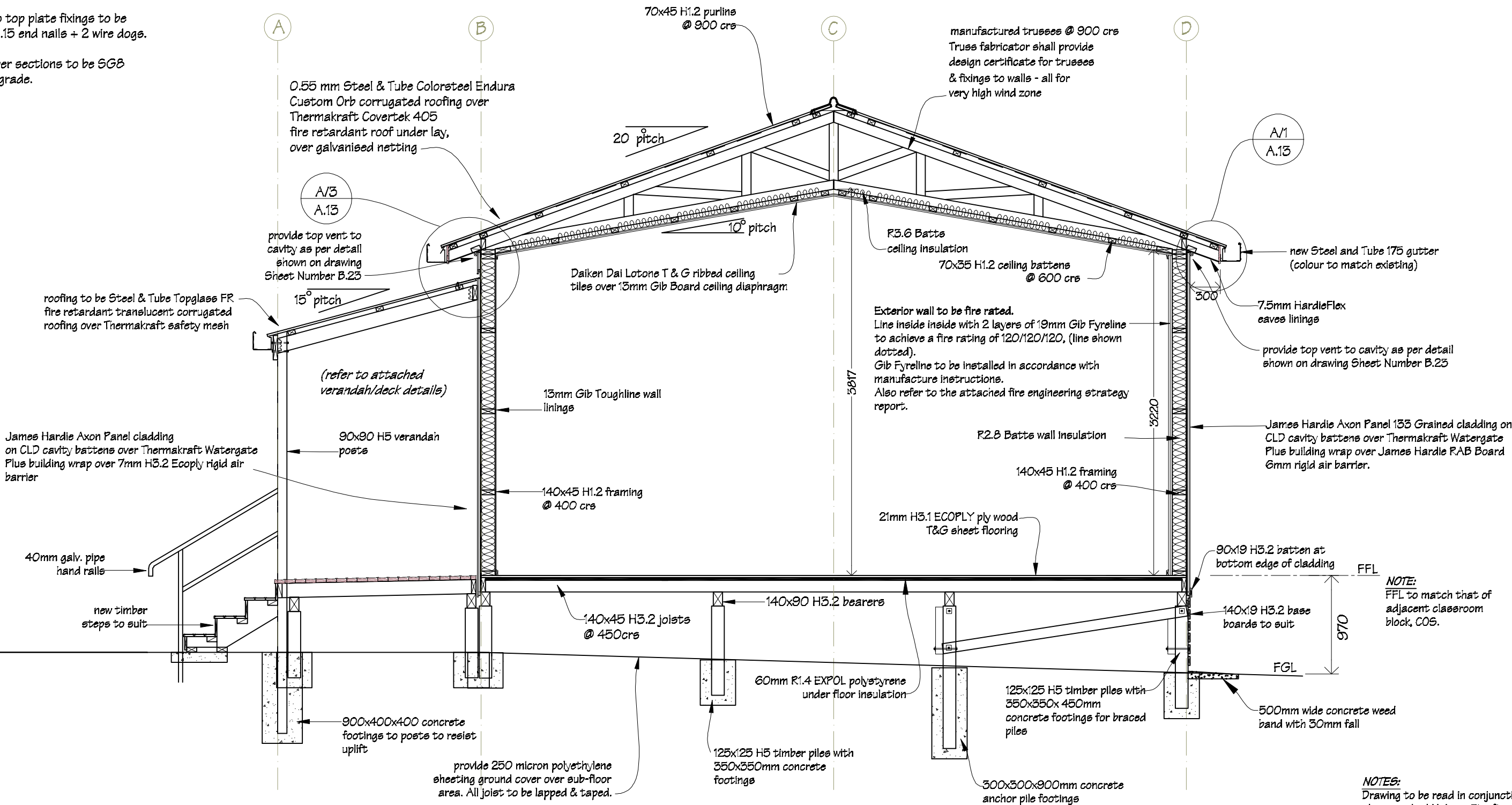
Foundation design to suit very high wind  
& earthquake Zone 3

Purlin fixings to be 1/10g self-drilling  
screw, 80mm long.

Stud to top plate fixings to be  
2/90x3.15 end nails + 2 wire dogs.


All timber sections to be SGB  
timber grade.

Cross Section A-A  
A.02



NOTES:  
Drawing to be read in conjunction with  
the attached Holmes Fire fire  
engineering strategy report.

All timber sections to be SGB grade.

 IR Group Ltd <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  Block A; Cross Section A-A	REVISIONS <table><tr><th>No</th><th>Date</th><th>Description</th></tr><tr><td> </td><td> </td><td> </td></tr></table>	No	Date	Description				Scale	1:40	Pricing/Building Consent Drawings
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<a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a>	Sheet No	A.09												
Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>														

NOTES:  
All piles to exterior to be 125 x 125 timber  
piles to take baseboards.

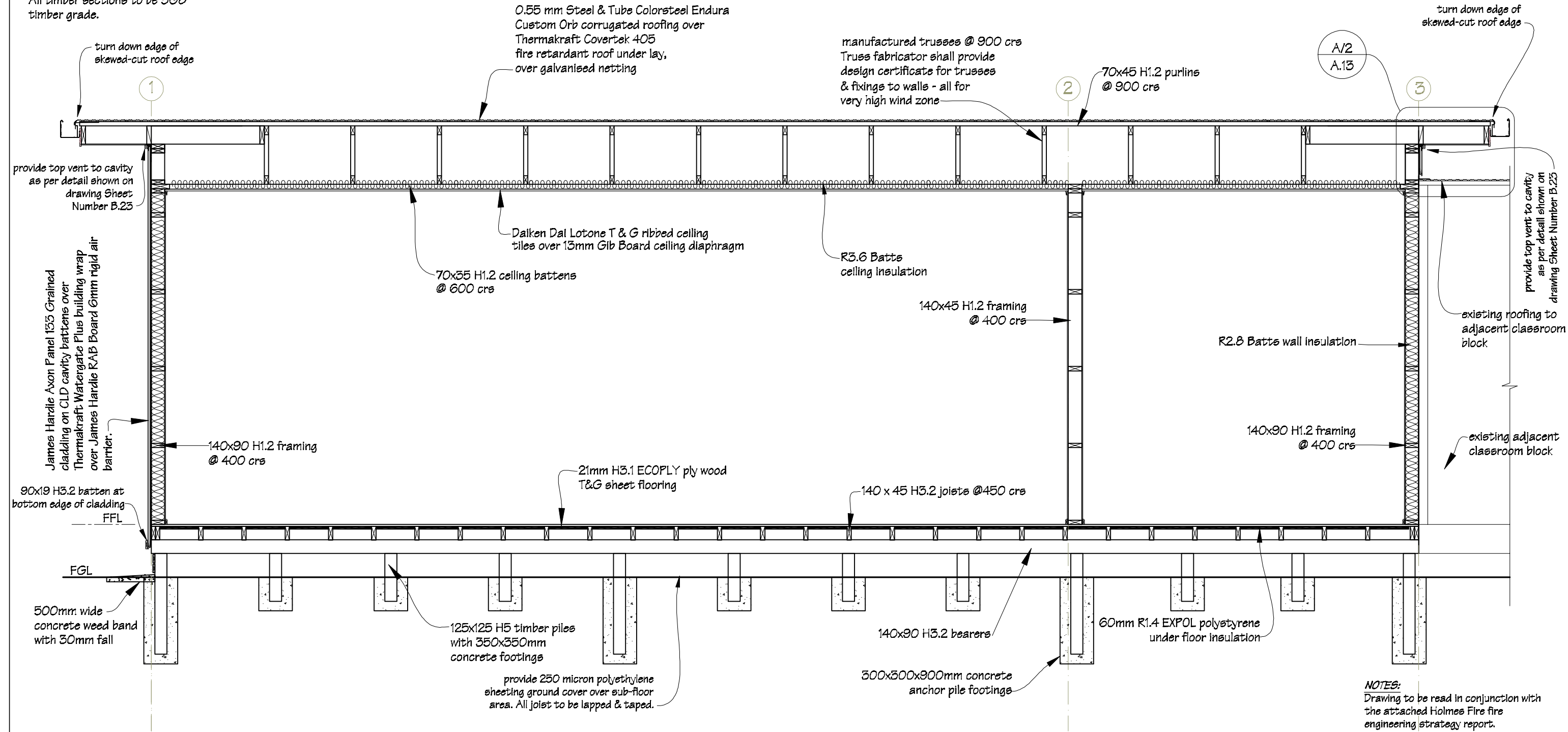
Foundation design to suit very high wind  
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screw, 80mm long.

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2/90x3.15 end nails + 2 wire dogs.


All timber sections to be SGB  
timber grade.

Cross Section B-B  
A.02



NOTES:  
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the attached Holmes Fire fire  
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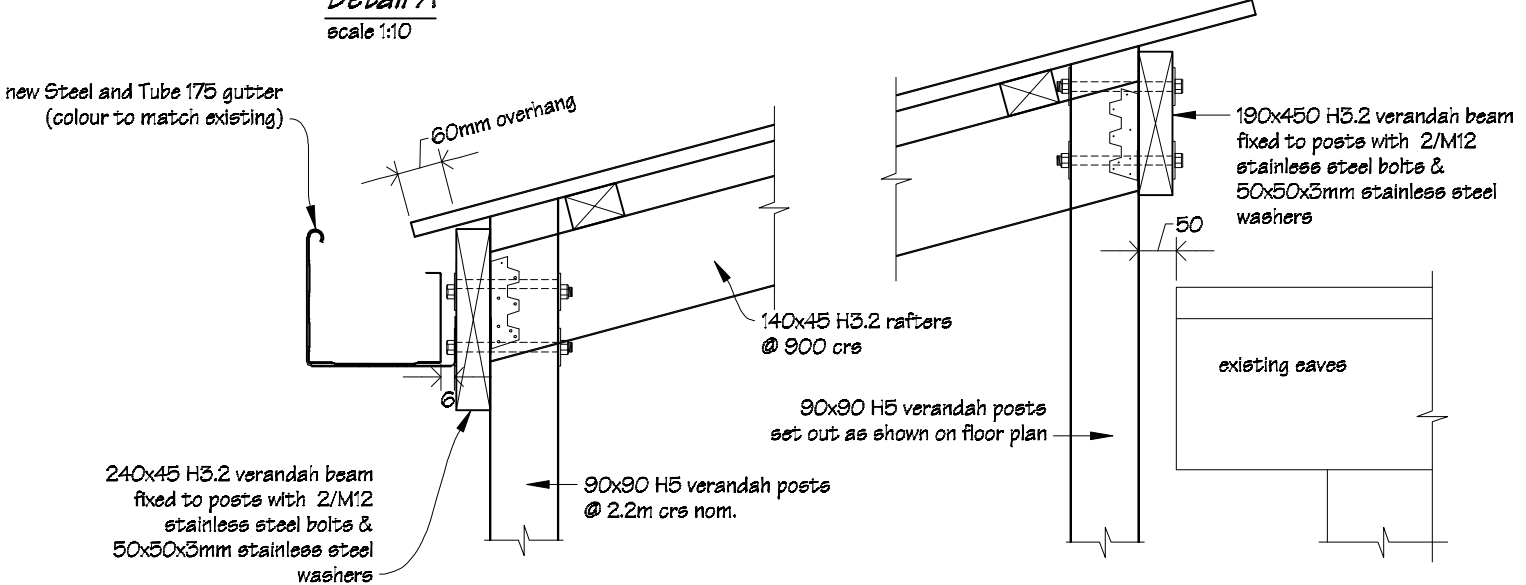
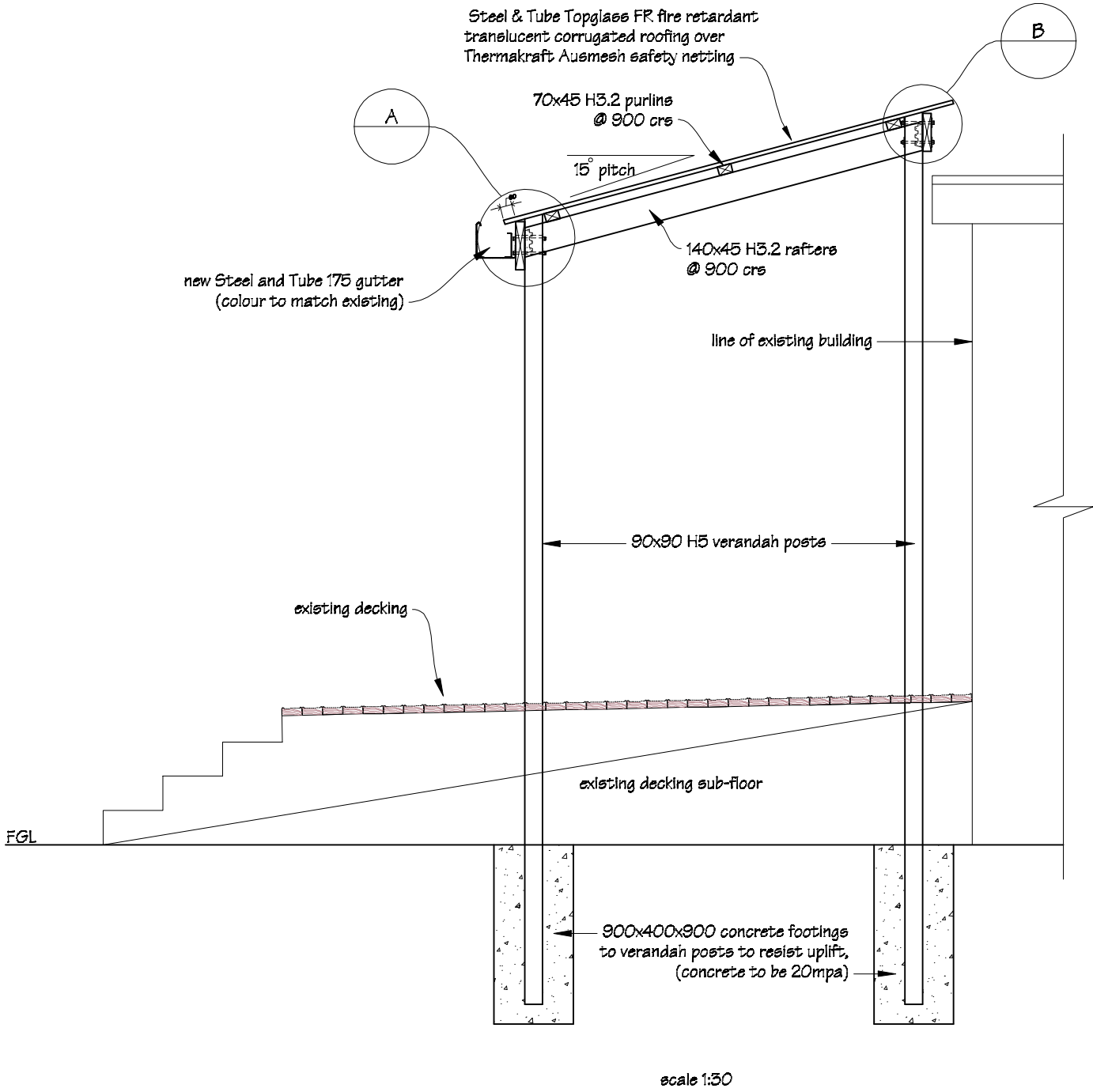
All timber sections to be SGB grade.

 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711 Mobile- Ian 021-427.347 Mobile- Stephen 027-3355889 Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a> <a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a> Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  A Block; Cross Section B-B	REVISIONS	Scale	1:40	Pricing/Building Consent Drawings  <i>Do not scale from drawings. Check all dimensions on site.</i>	
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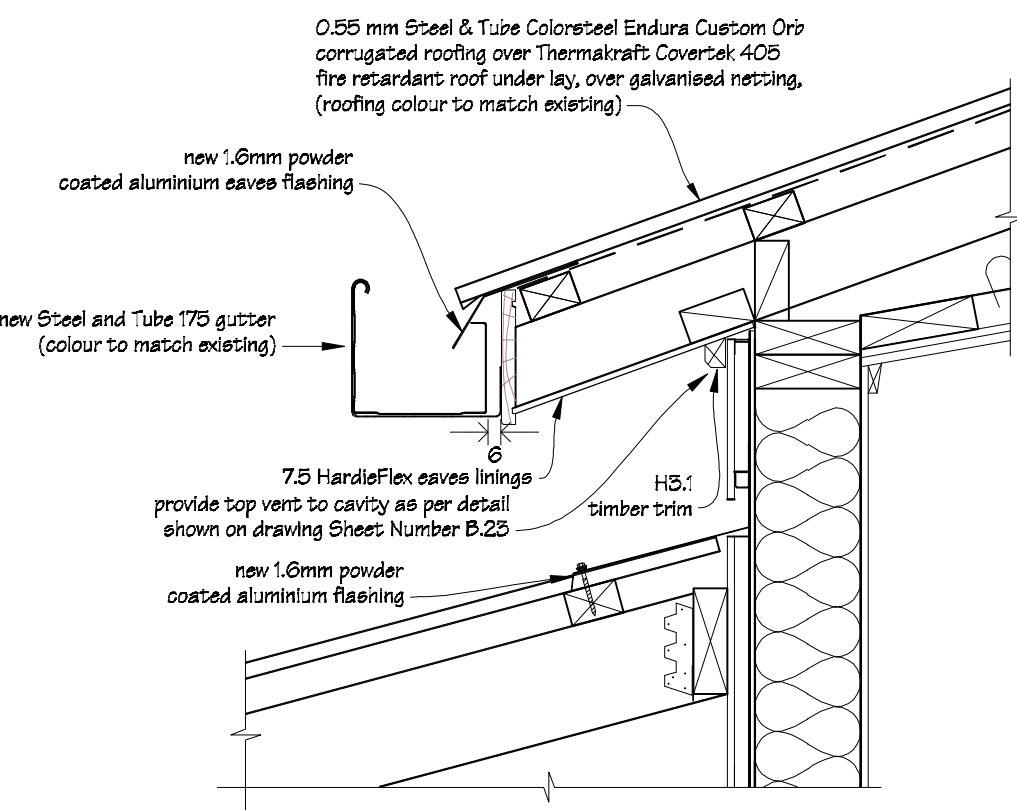
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Detail B  
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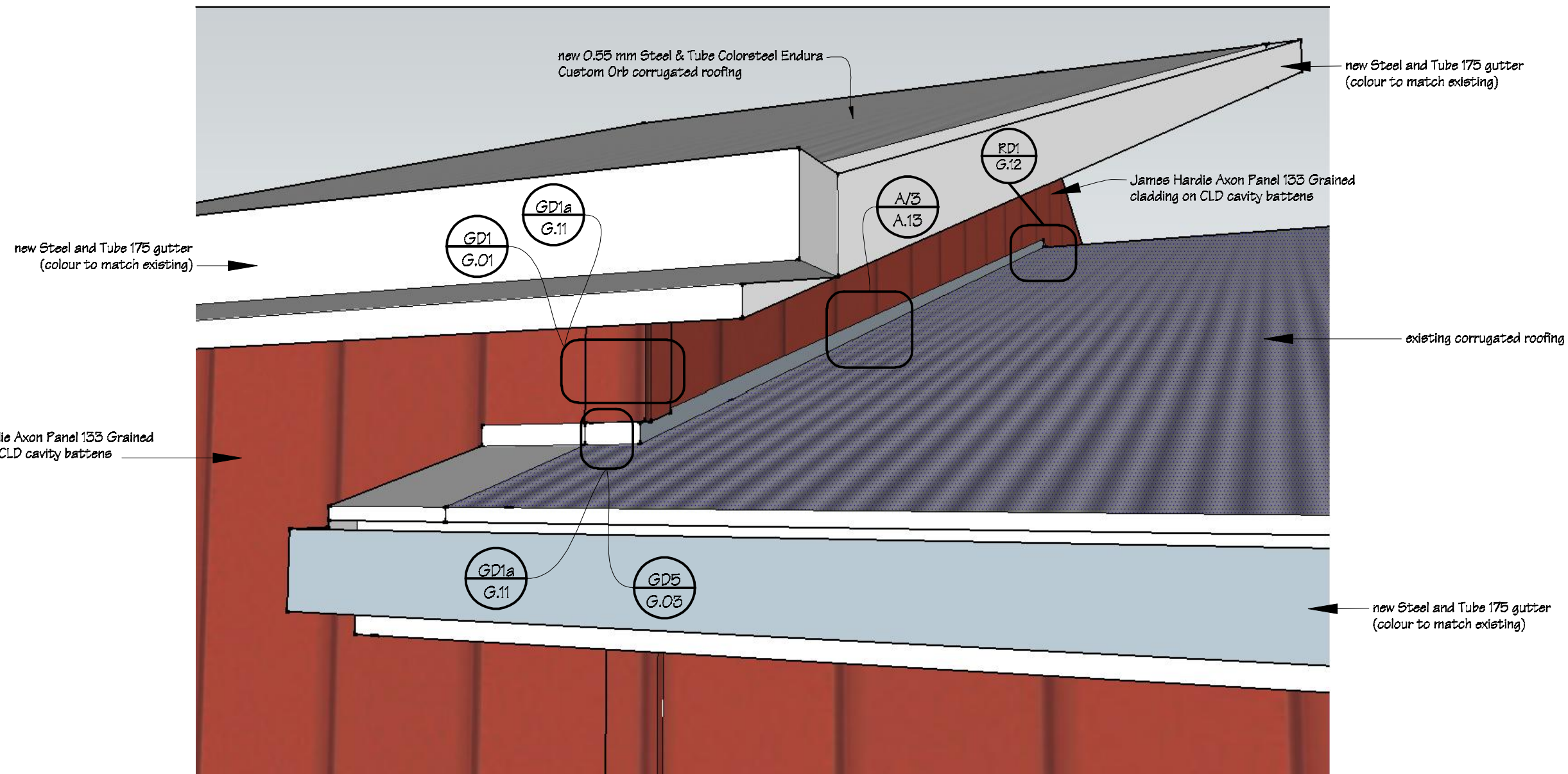
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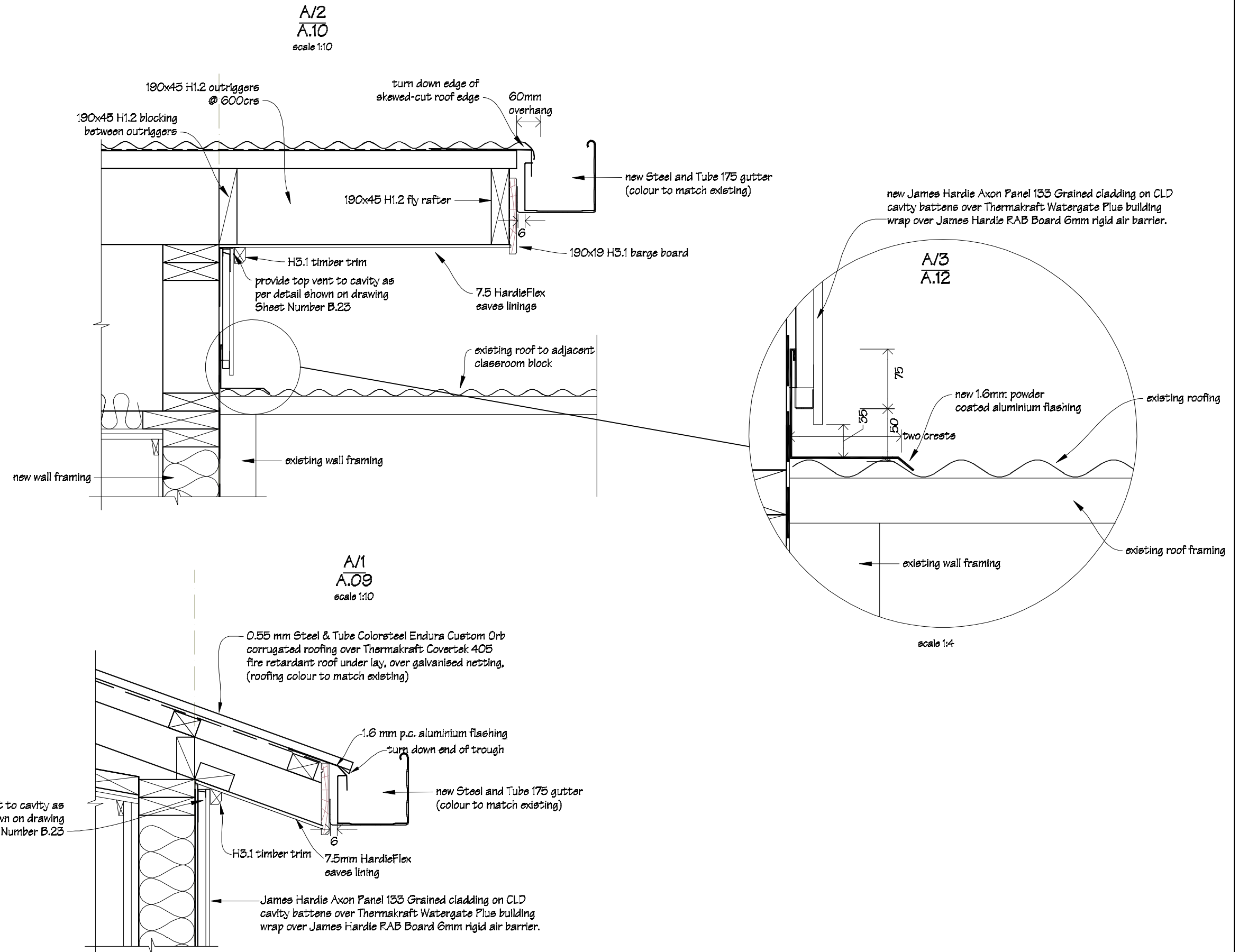
Cross Section Detail  
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A.09




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	Mobile- Stephen 027-3355889					Original sheet size A5	
	Email- ian@irgroup.co.nz					Drawn S.T.	
	steve@irgroup.co.nz					Sheet No A.11	
	www.irgroup.co.nz					13	
	Web-						



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	No					Date	Description							
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	Mobile- Stephen 027-3355889					Original sheet size	A5							
Email- ian@irgroup.co.nz	Drawn	S. T.												
steve@irgroup.co.nz	Sheet No	A.12												
Web- www.irgroup.co.nz							14							

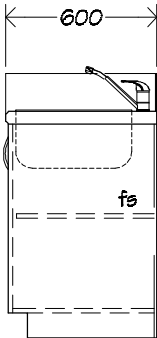
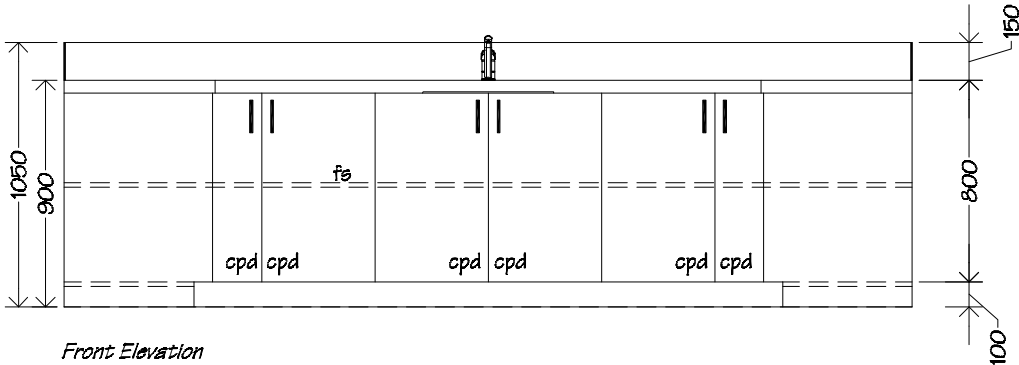
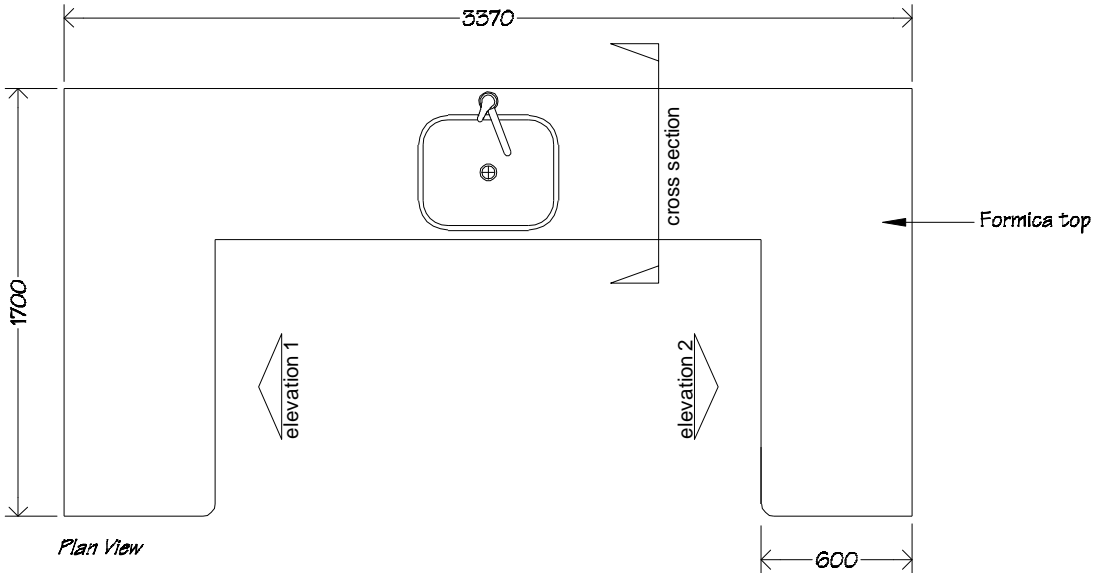


 IR Group Ltd <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT	DRAWING TITLE  Block A; Cross Section Details A1, A2 & A3	REVISIONS <small>No Date Description</small>	Scale	as shown	Pricing/Building Consent Drawings
	Mobile- Ian 021-427.347					Date	26/5/2016	
	Mobile- Stephen 027-3355889					Original sheet size	A3	
	Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a>					Drawn	S.T.	
	Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>					Sheet No	A.15	
							15	<i>Do not scale from drawings. Check all dimensions on site.</i>

Sink Bench Unit, U2

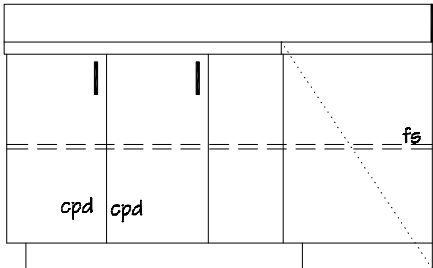
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scale 1:30

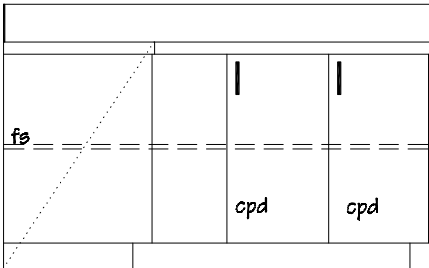


Cross Section

Front Elevation



Elevation 1



Elevation 2

KEY	
cpd	cupboard
fs	fixed shelf

**NOTES:**  
Unit carcass, shelving & doors to be 18mm double sided Melteca with 3mm PVC edging, back to be 12mm single sided Melteca.


Bench tops to be Formica.

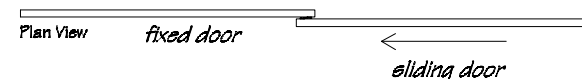
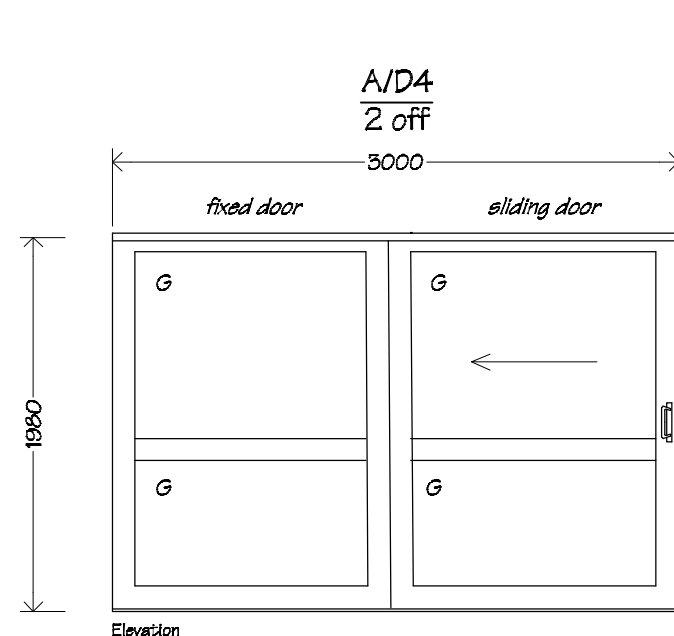
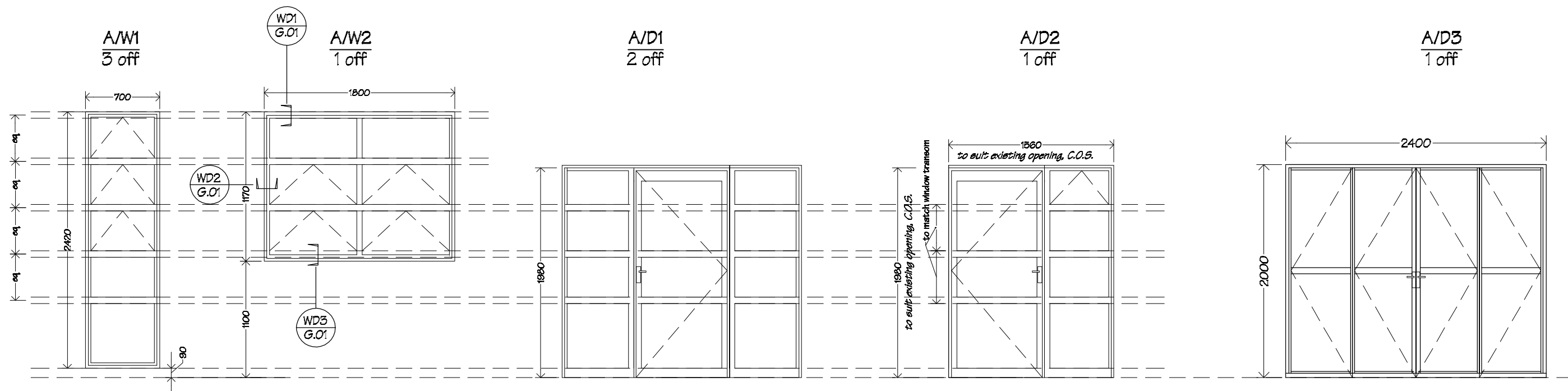
Doors to be fitted with one pair of concealed "Grass", or similar, self closing hinges.

Provide new satin finish bow handles to all doors.

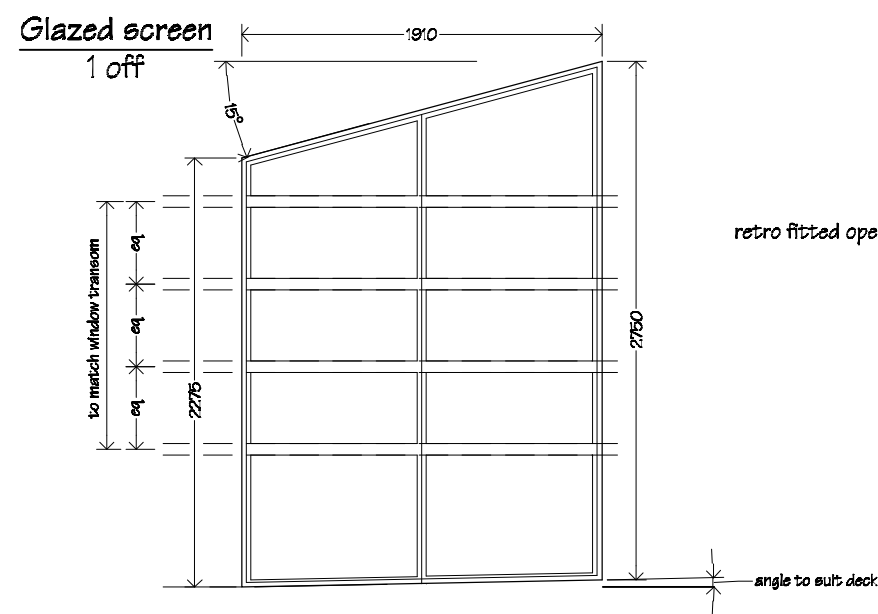
Sinks to be Mercer Questo 560x460x230 stainless steel sink, with Methven Genesis, or similar, single lever sink mixers.

Joinery colours to be advised.

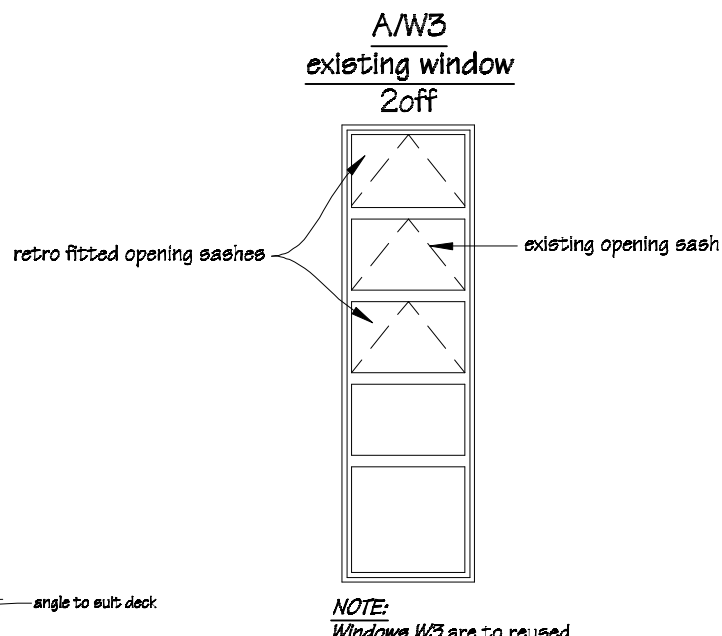
 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT	DRAWING TITLE	REVISIONS	Scale 1:30	Pricing/Building Consent Drawings  Do not scale from drawings. Check all dimensions on site.
	Mobile- Ian 021-427.347		Roll Growth Classrooms	Block A; Sink Unit Details	<i>No Date Description</i>	Date 26/5/2016	
	Mobile- Stephen 027-3355889				Original sheet size A5		
	Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a>				Drawn S.T.		
	<a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a>				Sheet No A.14		
Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>					16		



Doors D4 to be CA Sliders Overtaking Doors glazed aluminium sliding doors.  
Doors are to Henderson overhead carriage, mounting plate & track to suit.  
Glazing to be 12mm laminated safety glass.  
Dimensions shown are for door size, excluding track etc.  
Allow to provide sound proof seals to sliding door unit.  
Refer to floor plans for handing.




Aluminium glazed screen to suit opening at end of covered deck.  
Check all dimensions on site.



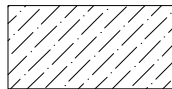
**NOTE:**  
Windows W3 are to be reused from demolition. Allow to retro fit opening sashes as shown.

Windows A/W3 to be reused from demolition.  
Aluminium joinery details and type to match existing on site.  
All glazing to be Grade A safety glass & to comply with NZS 4211.  
Exterior joinery to comply with NZS 4211.  
Aluminium joinery to be powder coated to match existing on site.  
Refer to floor plan for door locations & handing.  
Refer to specification for door hardware.

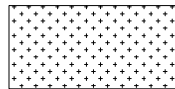
**NOTES:**  
Measure all openings on site before ordering fabrication of new aluminium joinery. All existing openings need to be checked and may need to be adjusted to allow integration of flashing systems with new aluminium joinery units. The Ministry of Education also require a minimum of a 10mm gap between new timber framing and liners.  
Air seals to all joinery are to comprise of Thermakraft Window-Worm PEF air seal backing rod with ADOS MS sealant. Flexible flashing tape to be Thermakraft Aluband.  
Note that sealants are not compatible with bitumen based products, in this case where bitumen base flashing tape is used, apply Thermakraft Foll Tape 150 over exposed bitumen.

 <p>IR Group Ltd Design - Project Management - Planning</p>	<p>Phone- Office 04 526-7711 Mobile- Ian 021-427-347 Mobile- Stephen 027-3355889 Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a> <a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a> Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a></p>	<p>TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke</p>	<p>PROJECT Roll Growth Classrooms</p>	<p>DRAWING TITLE Block A; Door &amp; Window Schedule</p>	<p>REVISIONS No Date Description</p>	<p>Scale 1:20 Date 26/5/2016 Original sheet size A5 Drawn S.T. Sheet No A.15</p>	<p>Pricing/Building Consent Drawings Do not scale from drawings. Check all dimensions on site.</p>
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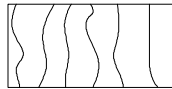
Key



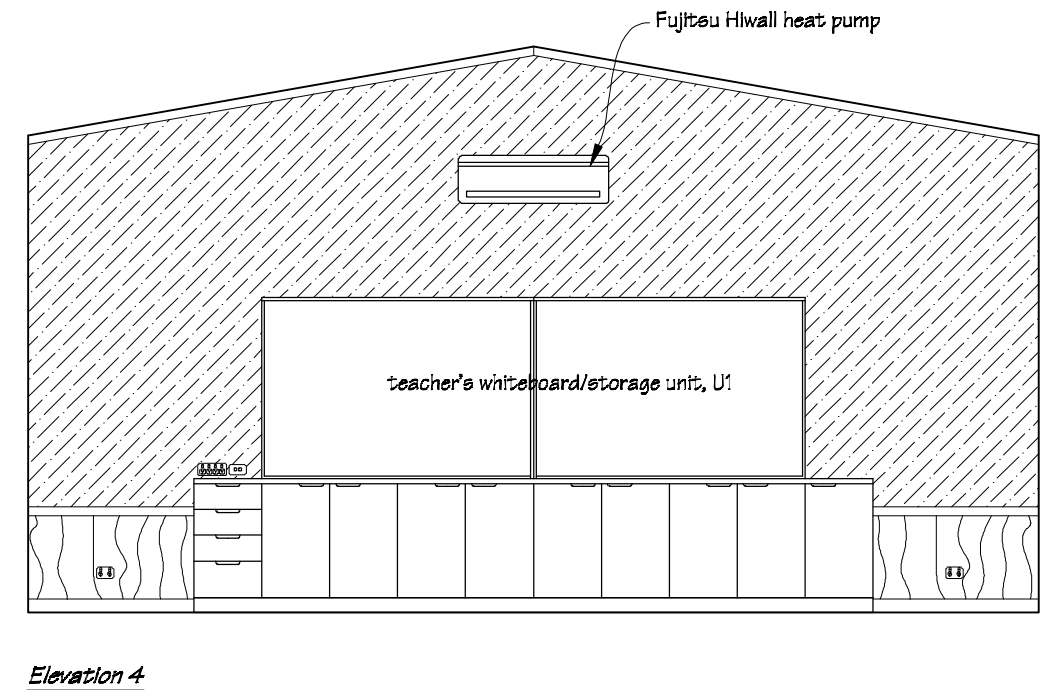
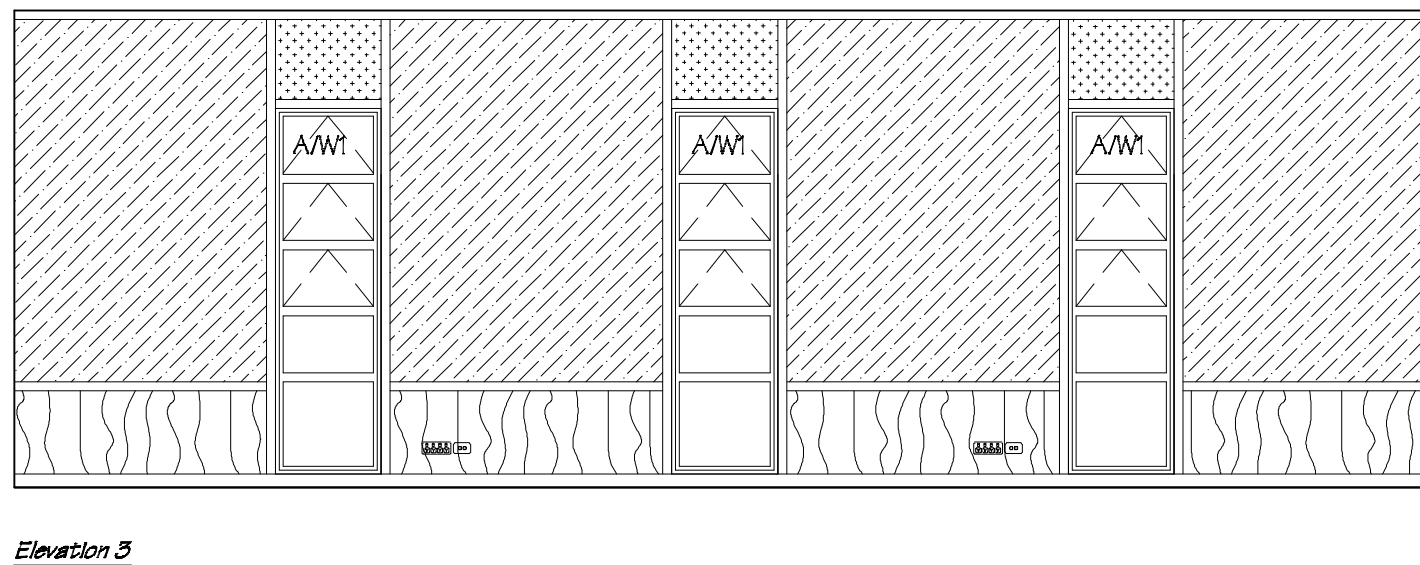
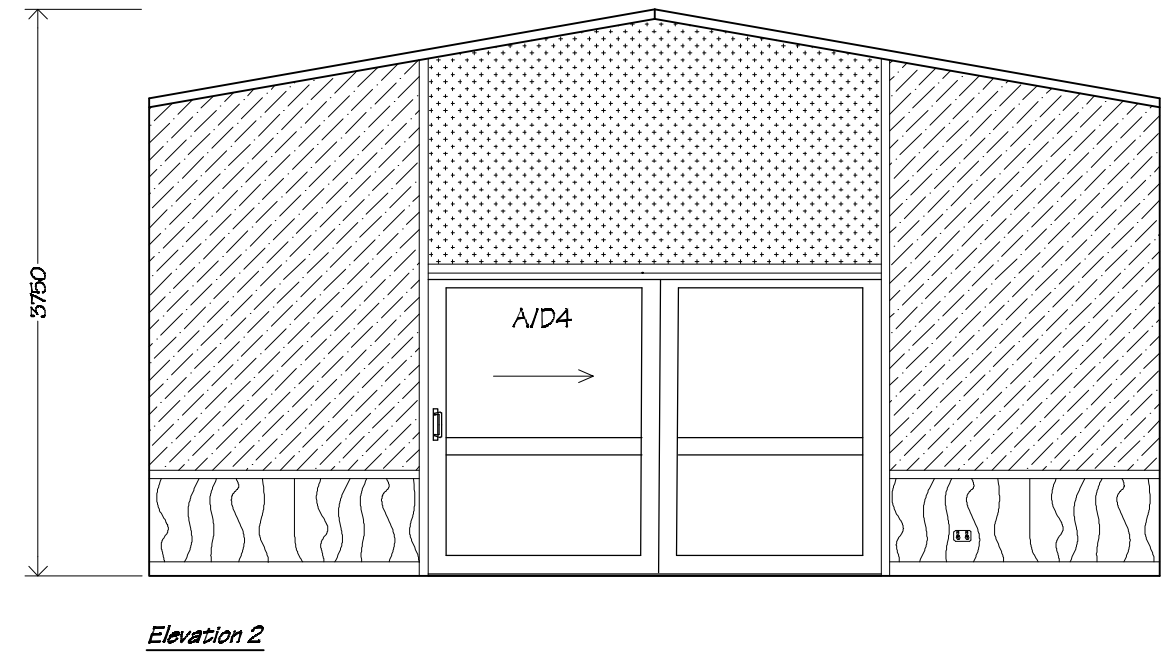
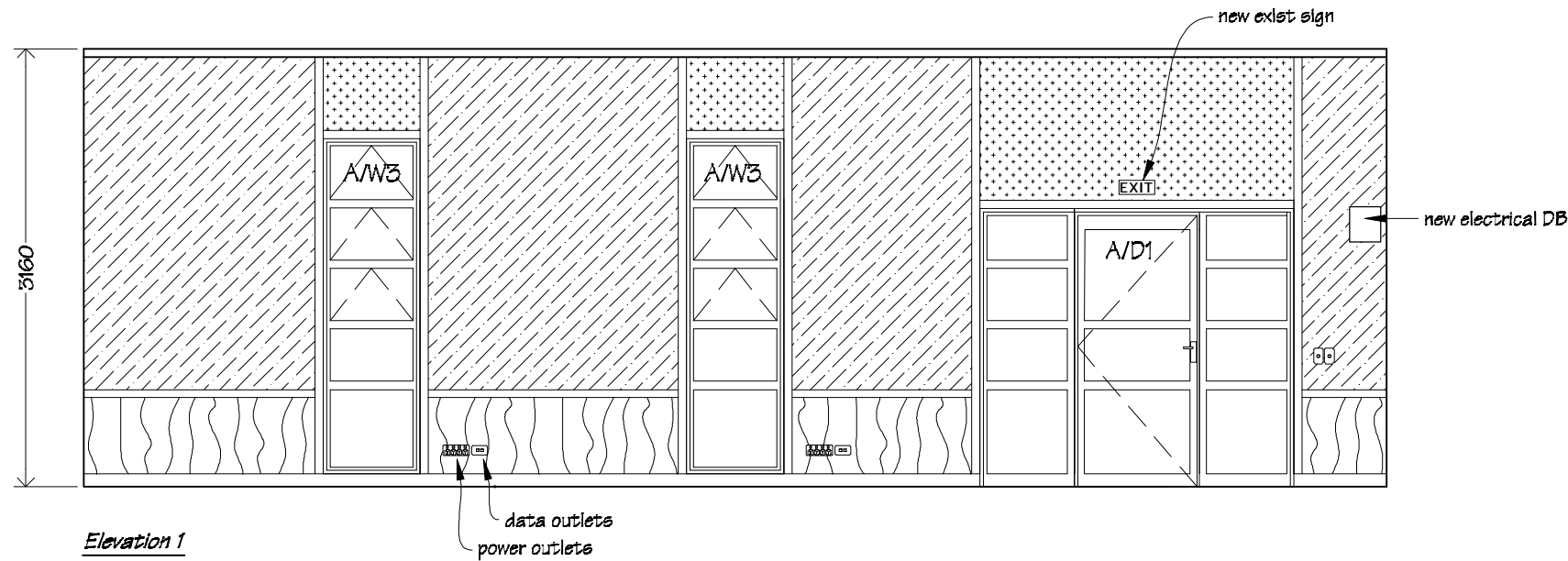
Autex Composition  
Board over Gib Board.



Painted Gib Board.




9mm ply wood, clear  
finished.



NOTE  
Drawing to be read in conjunction  
with Typical Interior Elevation  
Set-out drawing on sheet G.08

Painting:  
Allow to paint Gib Board wall linings, clear finish  
timber skirtings, architraves, scotias and dado rails.

 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  A Block; New Classroom Interior Elevations	REVISIONS <table><tr><th>No</th><th>Date</th><th>Description</th></tr><tr><td> </td><td> </td><td> </td></tr></table>	No	Date	Description				Scale	1:50	Pricing/Building Consent Drawings
	No					Date	Description							
	Mobile- Ian 021-427.347					Date	26/5/2016							
	Mobile- Stephen 027-3355889					Original sheet size	A3	Do not scale from drawings. Check all dimensions on site.						
	Email- ian@irgroup.co.nz					Drawn	S.T.							
steve@irgroup.co.nz	Sheet No	A.16												
www.irgroup.co.nz			18											

Key

Autex Composition Board over Gib Board.

4.5mm James Hardie HardiGlaze Smooth wall lining.

9mm ply wood, clear finished.

Painted Gib Board.

Elevation 1


Elevation 2

Elevation 3

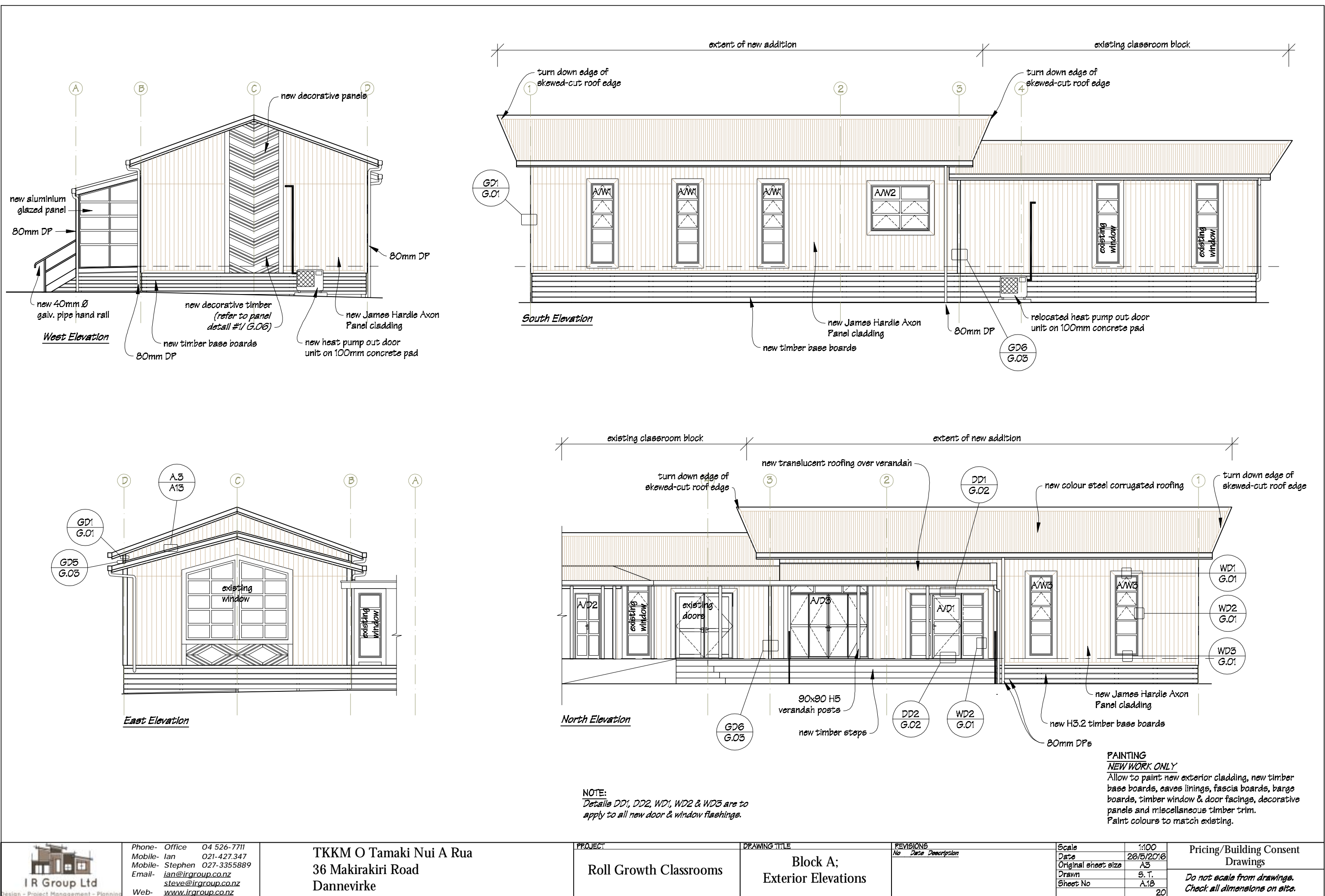
Elevation 4

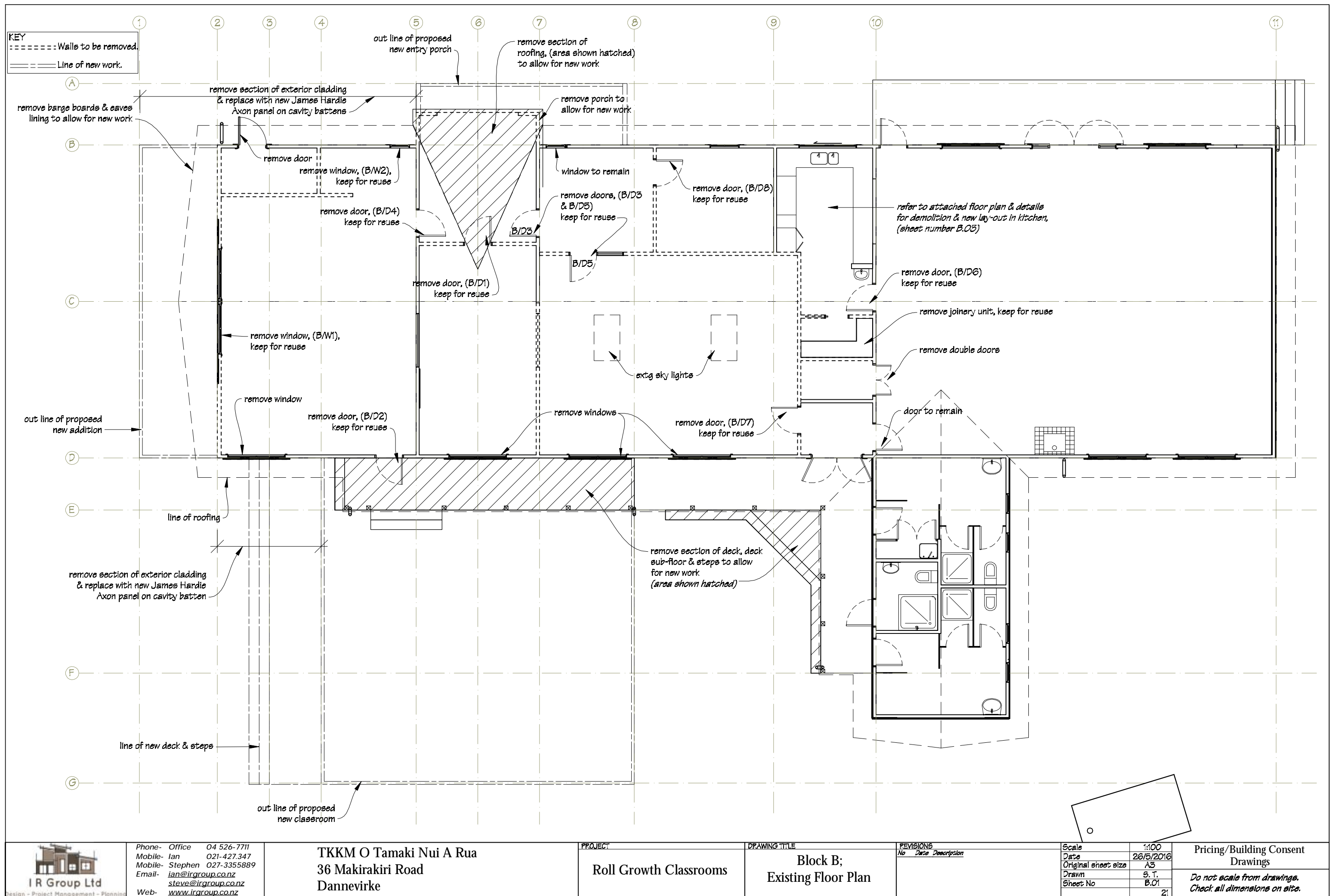
NOTE  
Drawing to be read in conjunction  
with Typical Interior Elevation  
Set-out drawing on sheet G.O.B.


Painting:  
Allow to paint Gib Board wall linings, clear finish  
timber skirtings, architraves, scotias and dado rails.

	Phone- Office 04 526-7711 Mobile- Ian 021-427347 Mobile- Stephen 027-3355889 Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a> <a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a> Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT Roll Growth Classrooms	DRAWING TITLE A Block; Break-out Space Interior Elevations	REVISIONS <table><thead><tr><th>No</th><th>Date</th><th>Description</th></tr></thead><tbody></tbody></table>	No	Date	Description	Scale	1:50	Pricing/Building Consent Drawings  Do not scale from drawings. Check all dimensions on site.
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Date	26/5/2016										
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						Sheet No	A.17				
							19				

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 <b>IR Group Ltd</b> <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT	DRAWING TITLE	REVISIONS	Scale	1:100	Pricing/Building Consent Drawings  <i>Do not scale from drawings. Check all dimensions on site.</i>
	Mobile- Ian 021-427.347		Roll Growth Classrooms	Block B; Existing Floor Plan	<i>No Date Description</i>	Date	26/5/2016	
	Mobile- Stephen 027-3355889				Original sheet size	A3		
	Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a>				Drawn	S.T.		
	<a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a>				Sheet No	B.01		
Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>							21	



to be removed, shown dotted

ovens

existing draw unit

allow to relocate joinery unit

remove existing joinery unit & reuse in new set out

existing servery

new wall mounted work bench, WB1

22'55"

2'00"

ovens

existing draw unit

new servery to match existing

new joinery unit, U4

relocated joinery unit

new timber framed walls shown hatched

existing servery

reused interior door B/D6

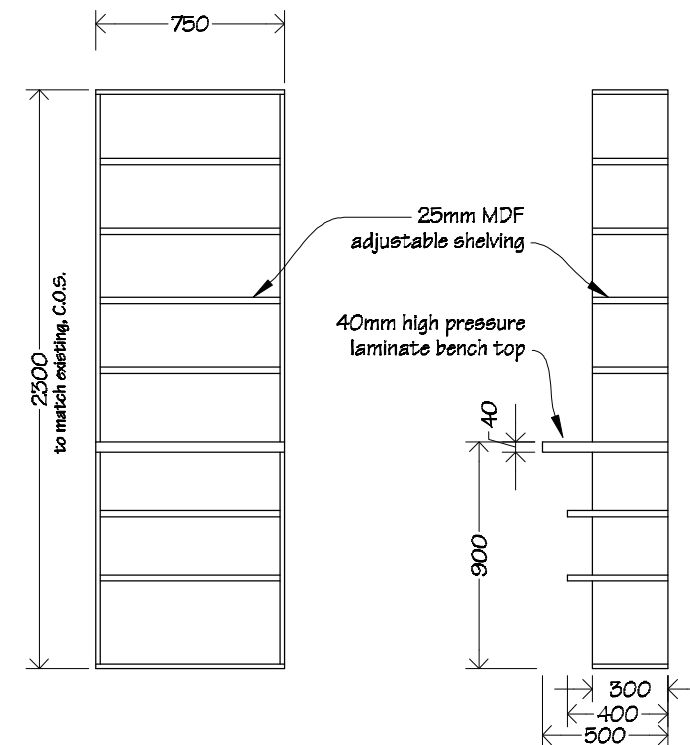
reused interior door B/D6

new joinery unit, U3

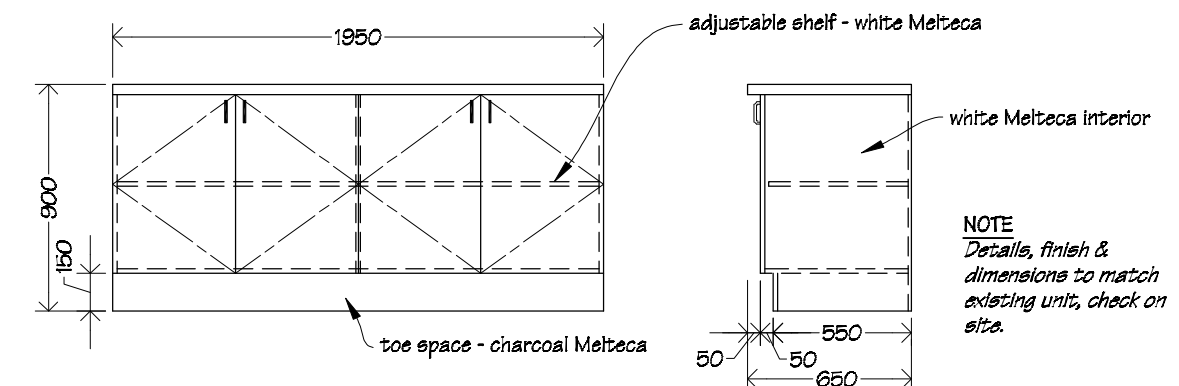
reuse existing joinery unit from demolition in kitchen area

reused interior door B/D7

NOTE  
Refer to Dimensions Plan for new wall set out



NOTE  
*Details, finish &  
dimensions to match  
existing unit, check on  
site.*



**NOTE**  
*Details, finish & dimensions to match existing unit, check on site.*



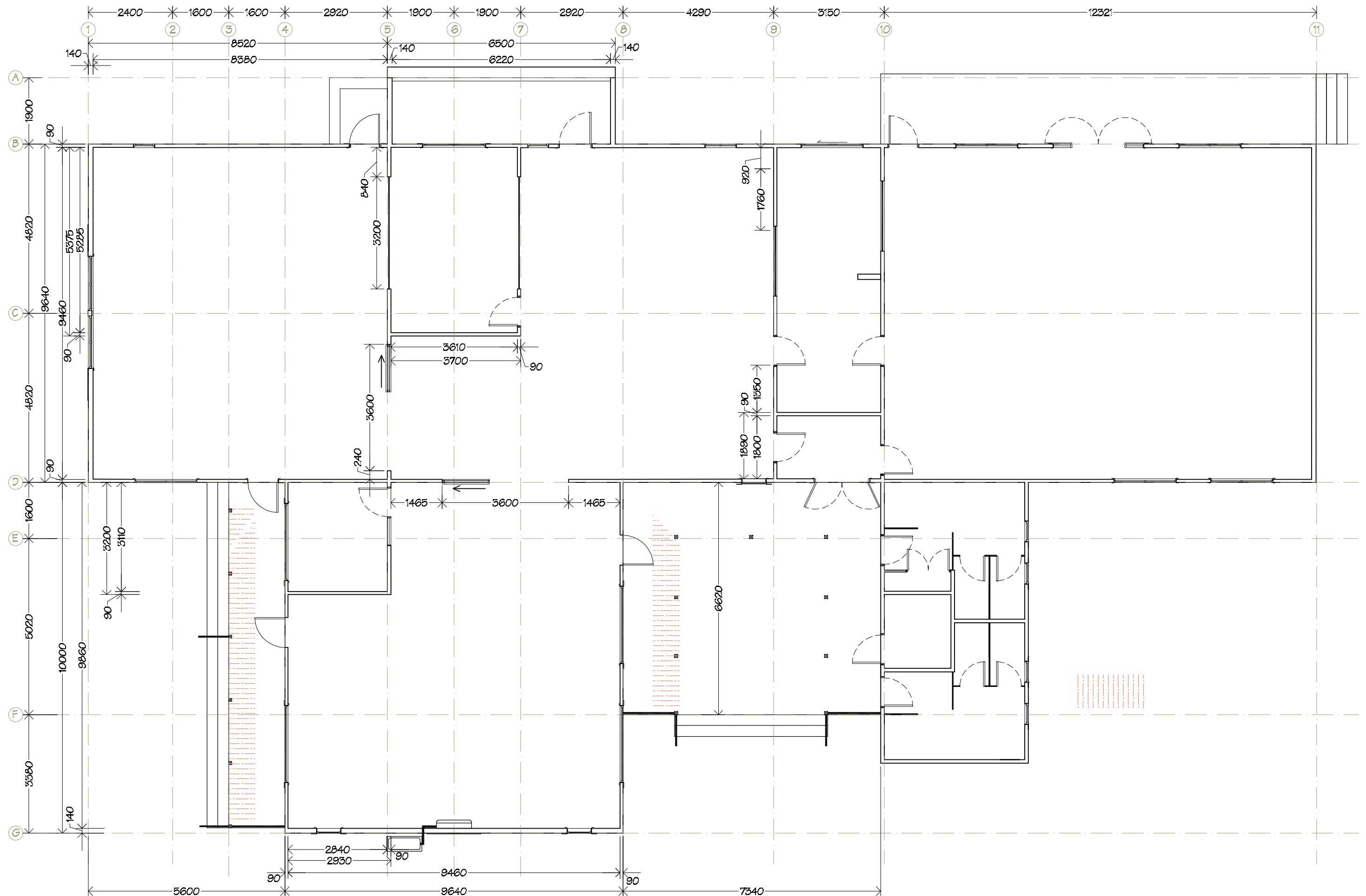
TKKM O Tamaki Nui A Rua  
36 Makirakiri Road  
Dannevirke


DRAWING TITLE	Kitchen Floor Plan & Joinery Details
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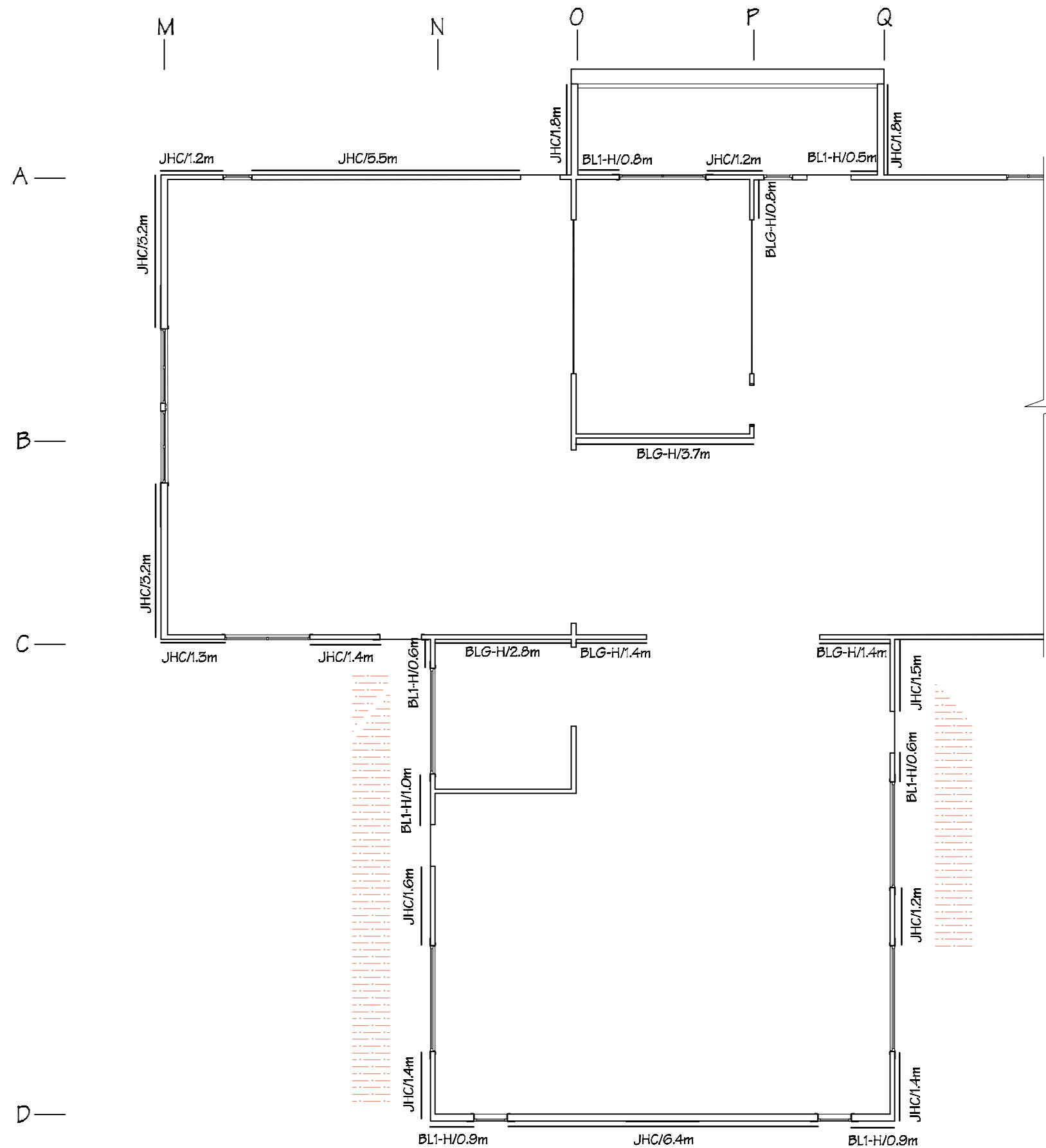
REVISIONS		
No	Date	Description


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Date	26/5/2016
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Drawn	S. T.
Sheet No	B.03
	23

### Pricing/Building Consent Drawings



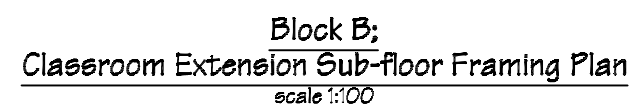
 <b>IR Group Ltd</b> <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  Block B; Dimension Plan	REVISIONS <i>No Date Description</i>	Scale 1:100	Pricing/Building Consent Drawings
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	Mobile- Stephen 027-3355889					Original sheet size A5	
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	Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>					24	



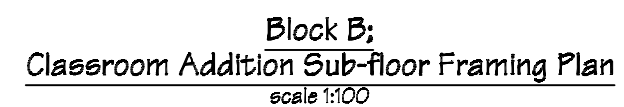
 <b>IR Group Ltd</b> <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  B Block; Wall Bracing Plan	REVISIONS <table><tr><th>No</th><th>Date</th><th>Description</th></tr><tr><td> </td><td> </td><td> </td></tr></table>	No	Date	Description				Scale 1:100	Pricing/Building Consent Drawings
	No					Date	Description						
	Mobile- Ian 021-427.347					Date 26/5/2016							
	Mobile- Stephen 027-3355889					Original sheet size A3		Do not scale from drawings. Check all dimensions on site.					
	Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a>					Drawn S.T.							
<a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a>	Sheet No B.05												
Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>		25											

The floor plan for Block B includes the following labeled areas:

- New Entry Porch**: Located at the top center of the plan.
- Refer to entry porch concrete slab details on Drawing Sheet # B.07**: A callout box pointing to the new entry porch area.
- Classroom Extension**: A dashed-line area on the left side of the plan.
- BLOCK B**: The central label for the main building footprint.
- Classroom Addition**: A hatched area at the bottom left of the plan.
- New Decking**: A hatched area at the bottom center of the plan.
- Refer to deck sub-floor on Drawing Sheet # B.07**: A callout box pointing to the new decking area.



Concrete strength to be 20Mpa.



All timber sections to be SGB grade.



existing deck

existing deck sub-floor

125x125 H5 ordinary piles

140x45 H3.2 joists @ 450 c/s

line of verandah

90x90 H5 verandah posts

140x90 H3.2 bearers

existing deck sub-floor

existing 140x90 bearer

fix new joists to existing bearer

timber steps

1926 90 1926 1926

5740

existing deck

line of building

line of building

NOTES:

All piles to exterior to be 125 x 125 timber piles to take baseboards

Anchor piles set 900 into ground & encase in 350 x 350 concrete

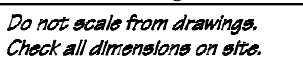
Foundation design to suit very high wind, & earthquake Zone 3.

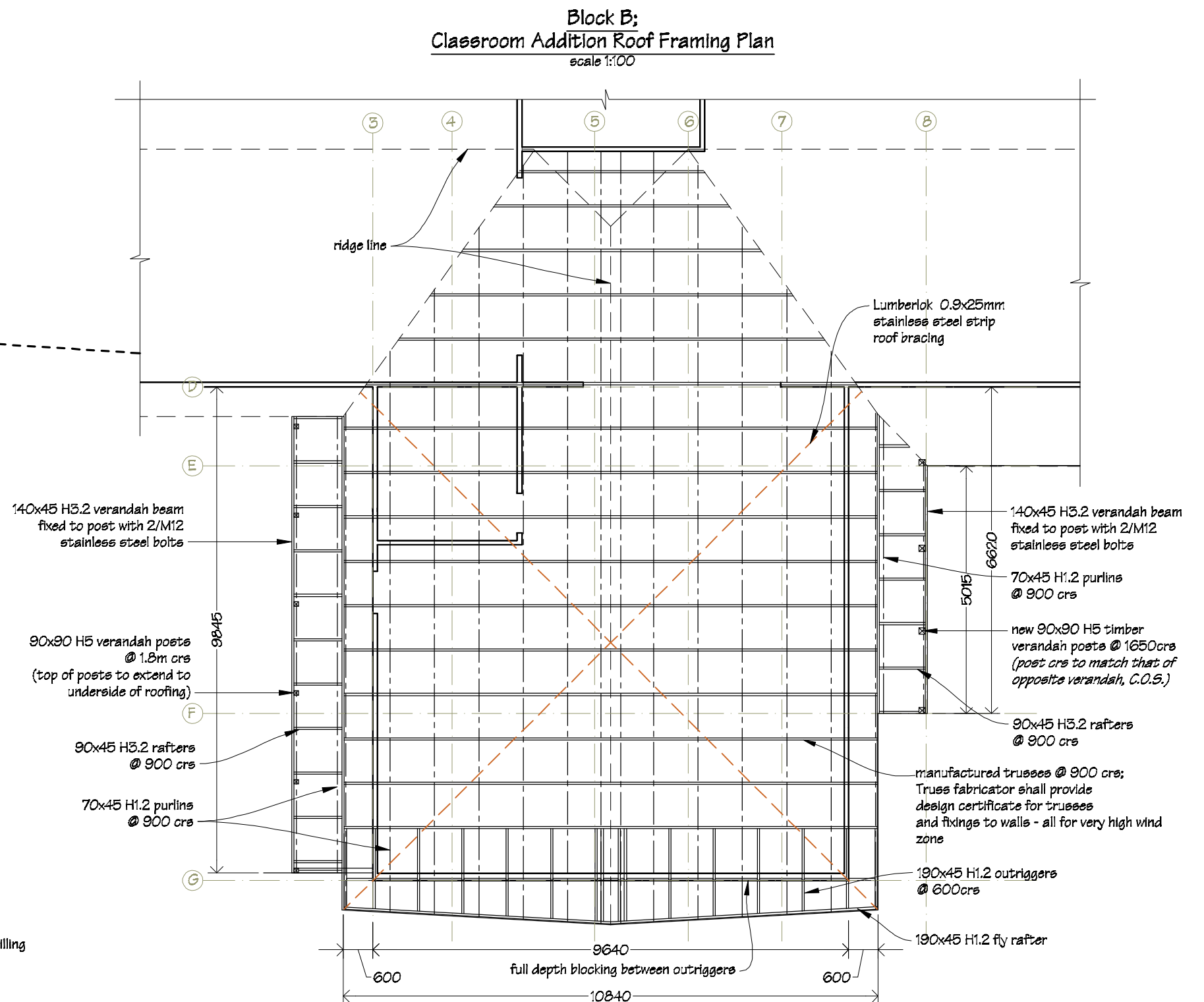
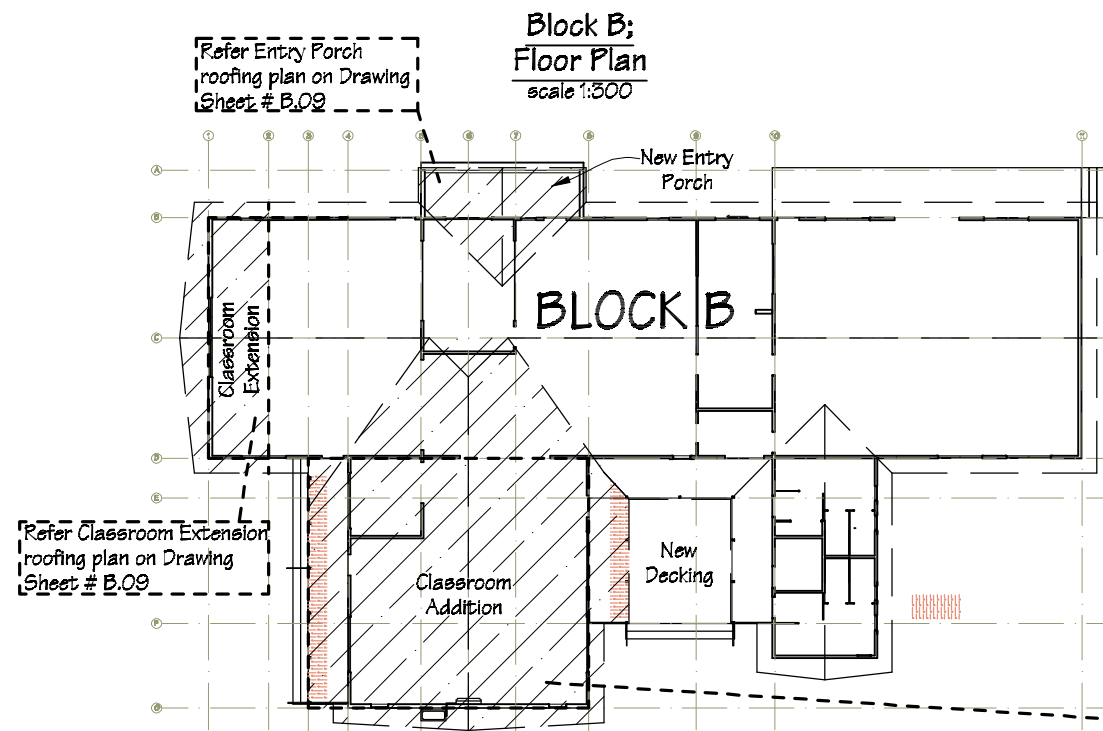
All fixings to be Type 304 stainless steel.

Concrete strength to be 20mpa.

This architectural section drawing illustrates a building extension. The existing structure is shown with diagonal hatching, while the new extension is a solid white area. A horizontal line labeled 'line of extg building' indicates the boundary between the old and new structures. A vertical dimension of 1900 is shown on the left side. The drawing includes section lines F-F and G-G, both labeled 'B.19'. A horizontal dimension of 6500 is indicated across the top. A note specifies 'new 100mm reinforced concrete slab (concrete strength to be 20mpa)'. Another note points to the 'line of footings as per attached engineer's details'. A final note on the right side states 'allow to trim back cladding & timber framing to allow for new concrete upstand'.

All timber sections to be SGB grade.






**NOTES:**  
Drawing to be read in conjunction with  
the attached Kevin O'Connor &  
Associates engineering report &  
details;  
and the attached Holmes Fire fire  
engineering strategy report.

All timber sections to be SGB grade.

**FIXINGS**  
Rafter fixings to be 2/90x3.15  
skew nails + 2 wire dogs.

Purlin fixings to be 1/10g self-drilling  
screw, 80mm long.

All timber sections to be SGB  
timber grade.

 <p>IR Group Ltd Design - Project Management - Planning</p>	<p>Phone- Office 04 526-7711 Mobile- Ian 021-427347 Mobile- Stephen 027-3355889 Email- ian@irgroup.co.nz steve@irgroup.co.nz Web- www.irgroup.co.nz</p>	<p>TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke</p>	<p>PROJECT Roll Growth Classrooms</p>	<p>DRAWING TITLE Block B; Roofing Framing Plan 1</p>	<p>REVISIONS No Date Description</p>	<p>Scale as shown Date 26/5/2016 Original sheet size A3 Drawn S.T. Sheet No B.08 28</p>	<p>Pricing/Building Consent Drawings Do not scale from drawings. Check all dimensions on site.</p>
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The architectural floor plan, labeled 'BLOCK B', illustrates the layout of a building with several proposed modifications. The plan is overlaid with a grid system with columns 1 through 8 and rows A through G. Key features include:

- Classroom Extension:** A shaded area on the left side, bounded by grid lines 1 and 2, and rows A and B.
- New Entry Porch:** A shaded area at the top center, bounded by grid lines 5 and 6, and rows A and B.
- Classroom Addition:** A large rectangular area at the bottom left, bounded by grid lines 2 and 5, and rows C and F.
- New Decking:** A rectangular area at the bottom right, bounded by grid lines 5 and 6, and rows C and F.

Dashed lines indicate the boundaries of the existing building footprint, while solid lines and hatching represent the proposed additions. A north arrow is located in the upper right corner of the plan.

200x45 hySPAN LVL fly rafter

new 200x45 hySPAN LVL rafters @ 600 c/s

4170

600

200x45 hySPAN LVL outriggers @ 600 c/s

ridge line

10840

9040

new 310 UB40 ridge beam (refer to attached engineer's details)

full depth blocking between outriggers

600

existing 200x50 rafters

remove existing section of roofing & outriggers to allow for new work (area shown hatched)

existing 200 UB25 ridge beam (refer to attached engineer's details)

70x45 H1.2 purlins @ 900 c/s

Lumberlok 0.9x25mm stainless steel strip roof bracing

150 PFC steel portal frame (refer to attached engineer's report for details)

300x63 LVL hySPAN ridge beam

Lumberlok 0.9x25mm stainless steel strip roof bracing

190x45 H1.2 rafters @ 600 c/s

70x45 H1.2 purlins @ 900 c/s

existing 200x50 rafters

ridge line

6700

1340

5 6 7 8

A B

Rafter fixings to be 2/90x3.15  
skew nails + 2 wire dogs.

Purlin fixings to be 1/10g self-drilling screw, 80mm long.

All timber sections to be SGB  
timber grade.

Drawing to be read in conjunction with the attached Kevin O'Connor & Associates engineering report & details.

All timber sections to be SGB grade.



PROJECT
Roll Growth Classrooms

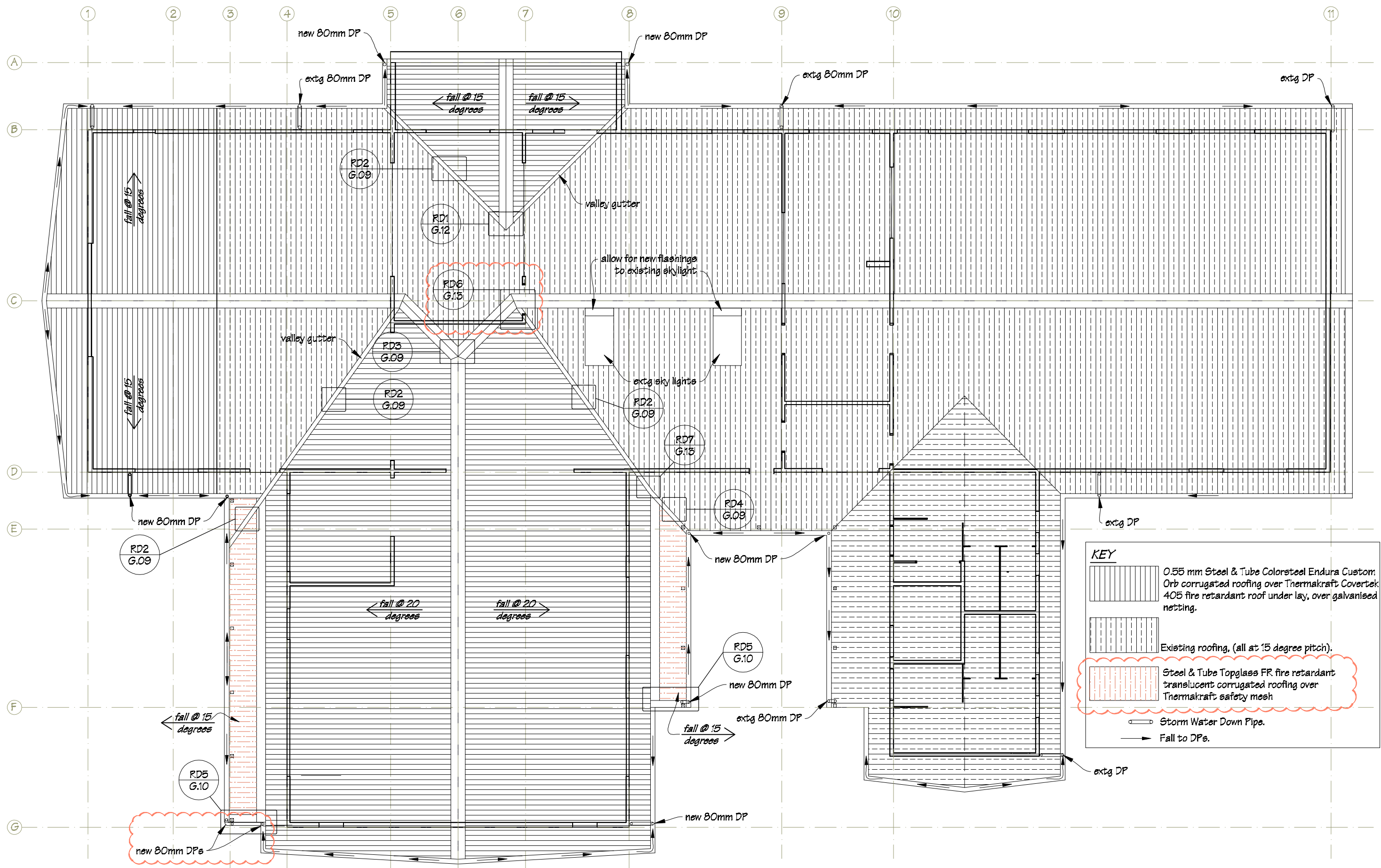
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REVISIONS		
No	Date	Description

Scale	as shown
Date	26/5/2016
Original sheet size	A3
Drawn	S. T.
Sheet No	B.09

### Pricing/Building Consent Drawings

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 Mobile- Ian 021-427,347  
 Mobile- Stephen 027-3355889  
 Email- [ian@irgroup.co.nz](mailto:ian@irgroup.co.nz)  
[steve@irgroup.co.nz](mailto:steve@irgroup.co.nz)  
 Web- [www.irgroup.co.nz](http://www.irgroup.co.nz)

TKKM O Tamaki Nui A Rua  
 36 Makirakiri Road  
 Dannevirke

PROJECT  
 Roll Growth Classrooms

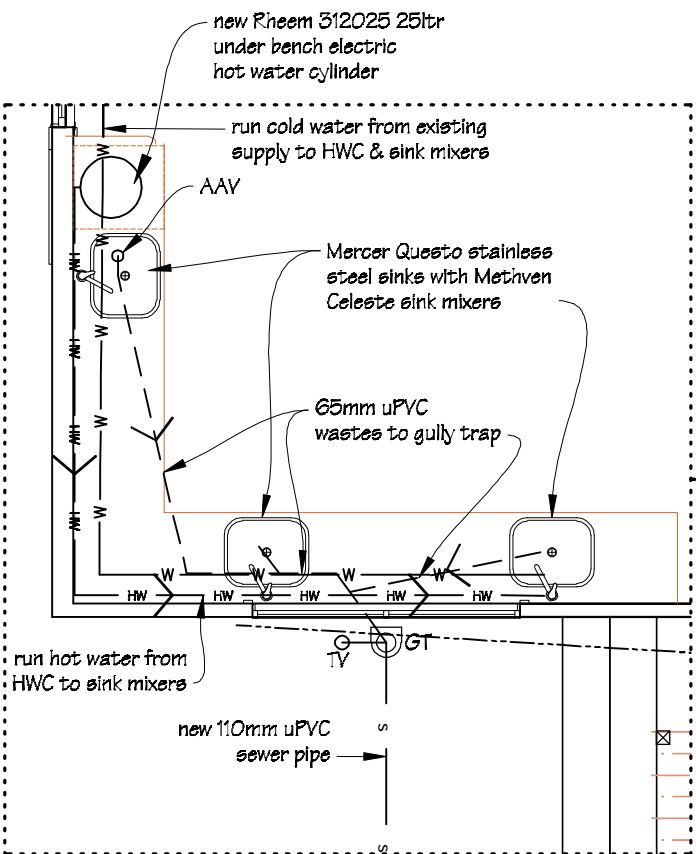
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 Block B;  
 Roofing Plan

REVISIONS  
 No Date Description

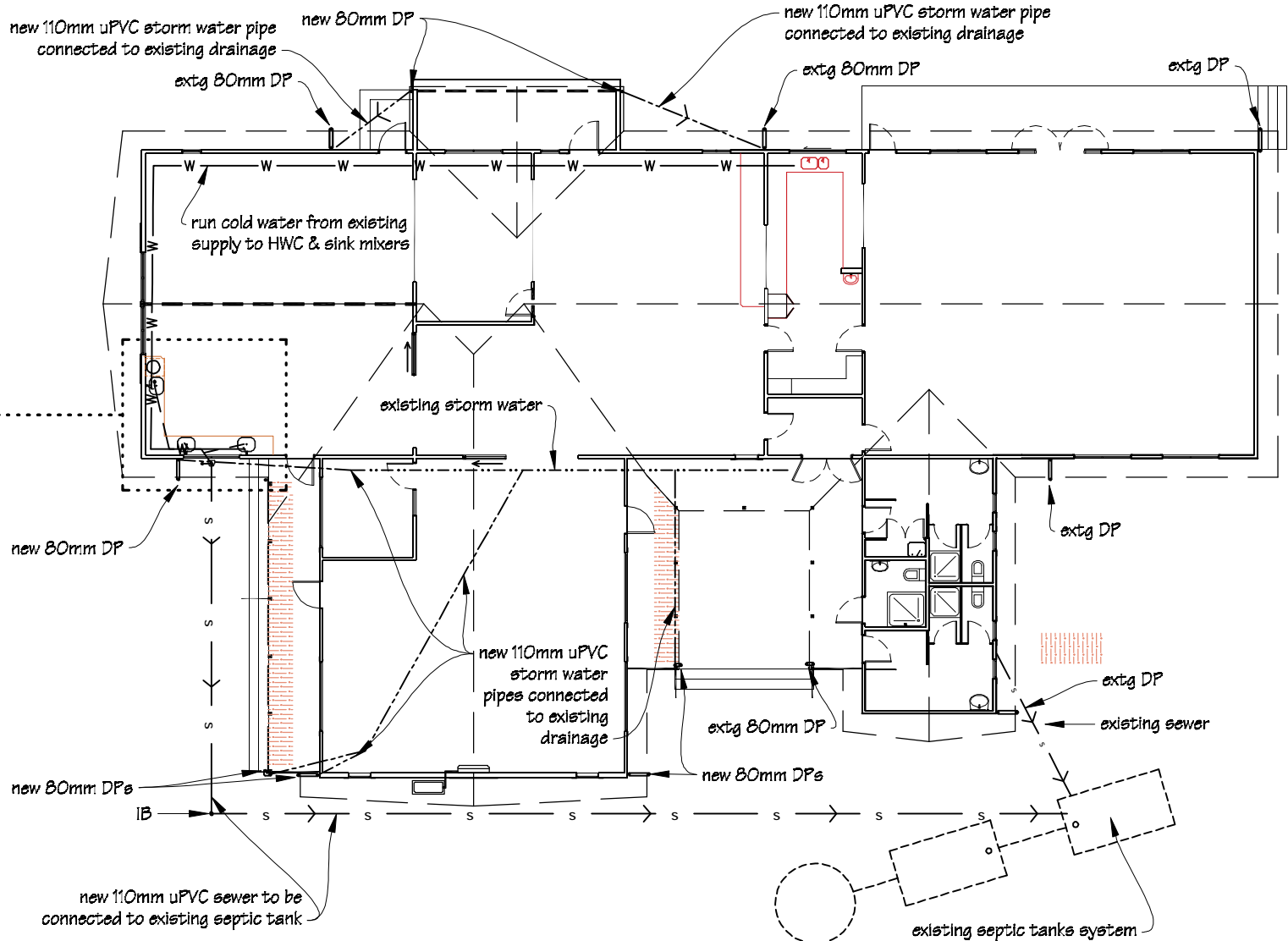
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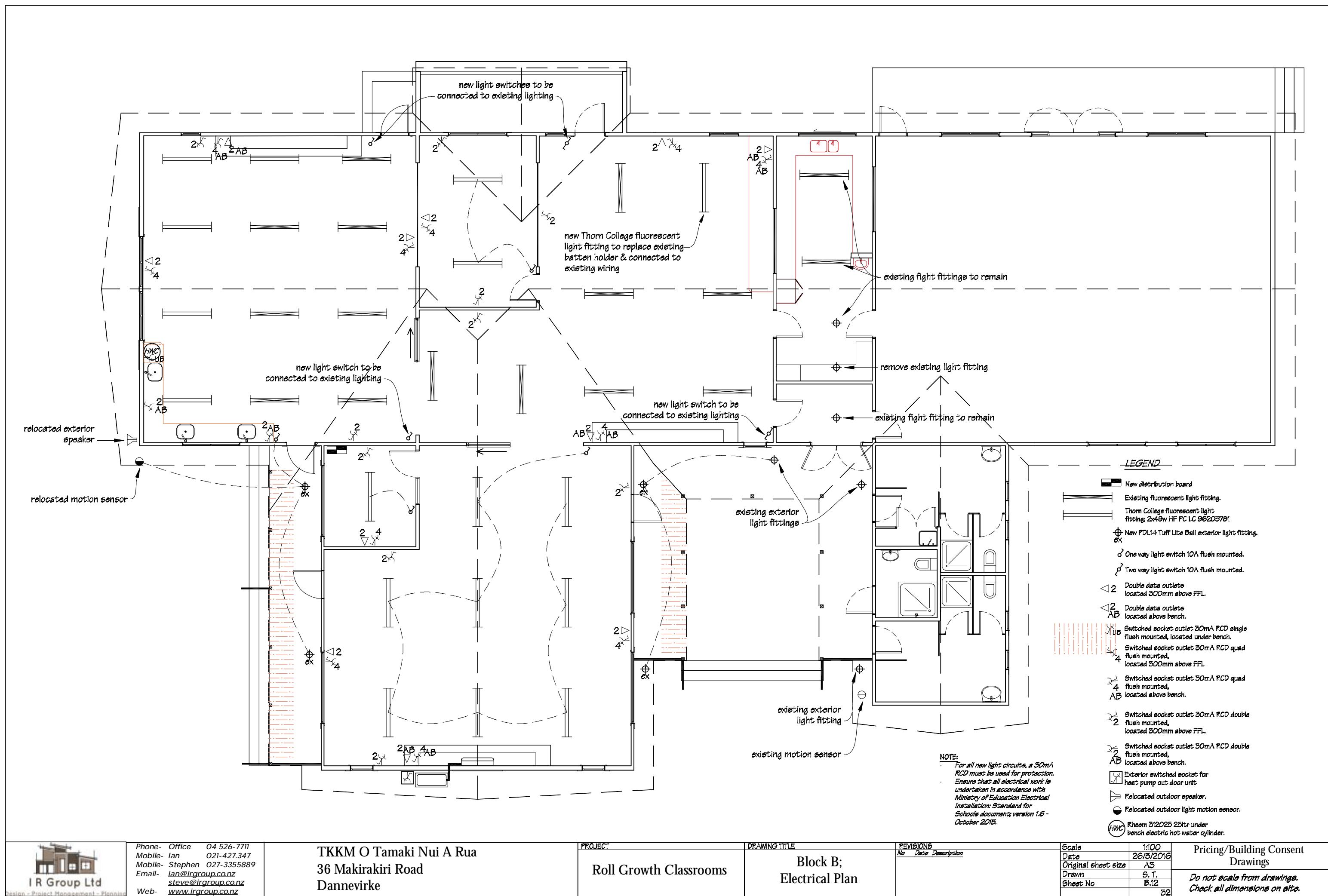
Pricing/Building Consent  
 Drawings  
 Do not scale from drawings.  
 Check all dimensions on site.

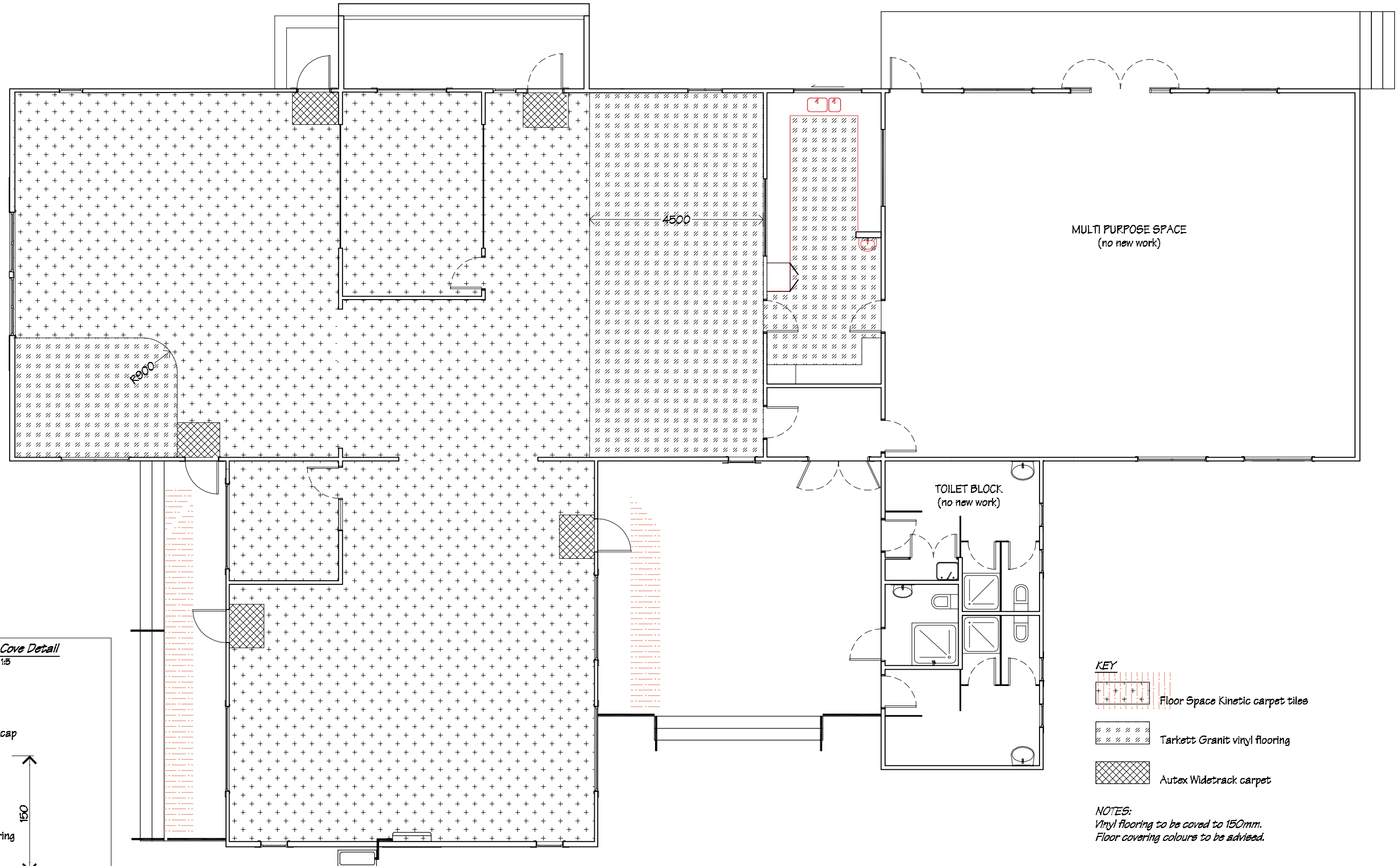
Block B;  
Services Plan  
scale 1:200



Part Services Plan  
scale 1:50







Phone- Office 04 526-7711  
Mobile- Ian 021-427,347  
Mobile- Stephen 027-3355889  
Email- [ian@irgroup.co.nz](mailto:ian@irgroup.co.nz)  
[steve@irgroup.co.nz](mailto:steve@irgroup.co.nz)  
Web- [www.irgroup.co.nz](http://www.irgroup.co.nz)

TKKM O Tamaki Nui A Rua  
36 Makirakiri Road  
Dannevirke

PROJECT  
Roll Growth Classrooms

DRAWING TITLE  
Block B;  
Floor Coverings Plan

REVISIONS

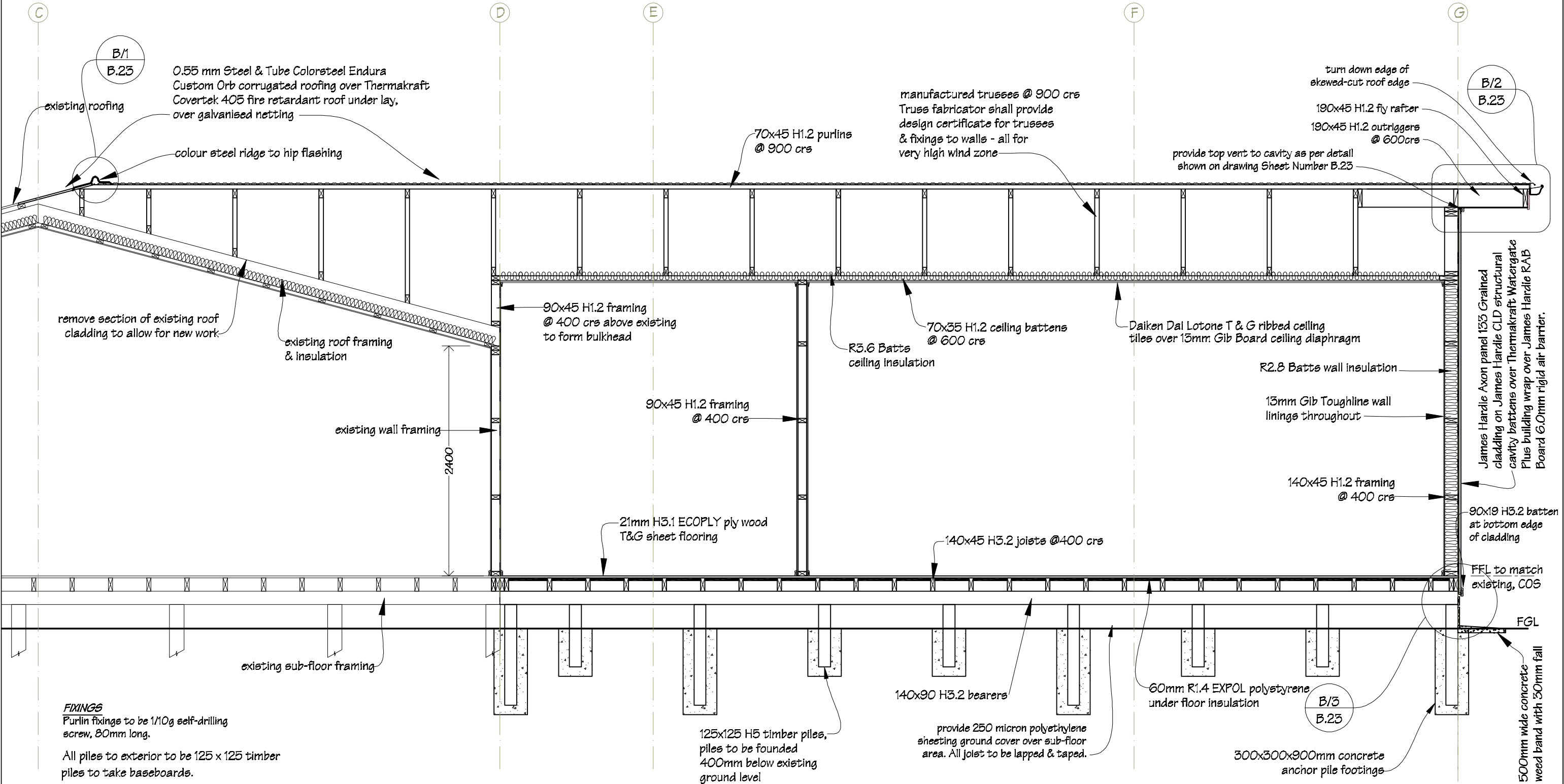
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Original sheet size	A5
Drawn	S.T.
Sheet No	B.15

Pricing/Building Consent  
Drawings


Do not scale from drawings.  
Check all dimensions on site.

Cross Section A-A  
B.02



**NOTES:**  
Drawing to be read in conjunction with the attached Kevin O'Connor & Associates engineering report & details;  
and the attached Holmes Fire fire engineering strategy report.

All timber sections to be SGB grade.

 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711 Mobile- Ian 021-427.347 Mobile- Stephen 027-3355889 Email- ian@irgroup.co.nz steve@irgroup.co.nz Web- www.irgroup.co.nz	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT Roll Growth Classrooms	DRAWING TITLE Block B; Cross Section A-A	REVISIONS No Date Description	Scale 1:40 Date 26/5/2016 Original sheet size A5 Drawn S.T. Sheet No B.14 34	Pricing/Building Consent Drawings Do not scale from drawings. Check all dimensions on site.
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NOTES:  
All piles to exterior to be 125 x 125 timber  
piles to take baseboards.

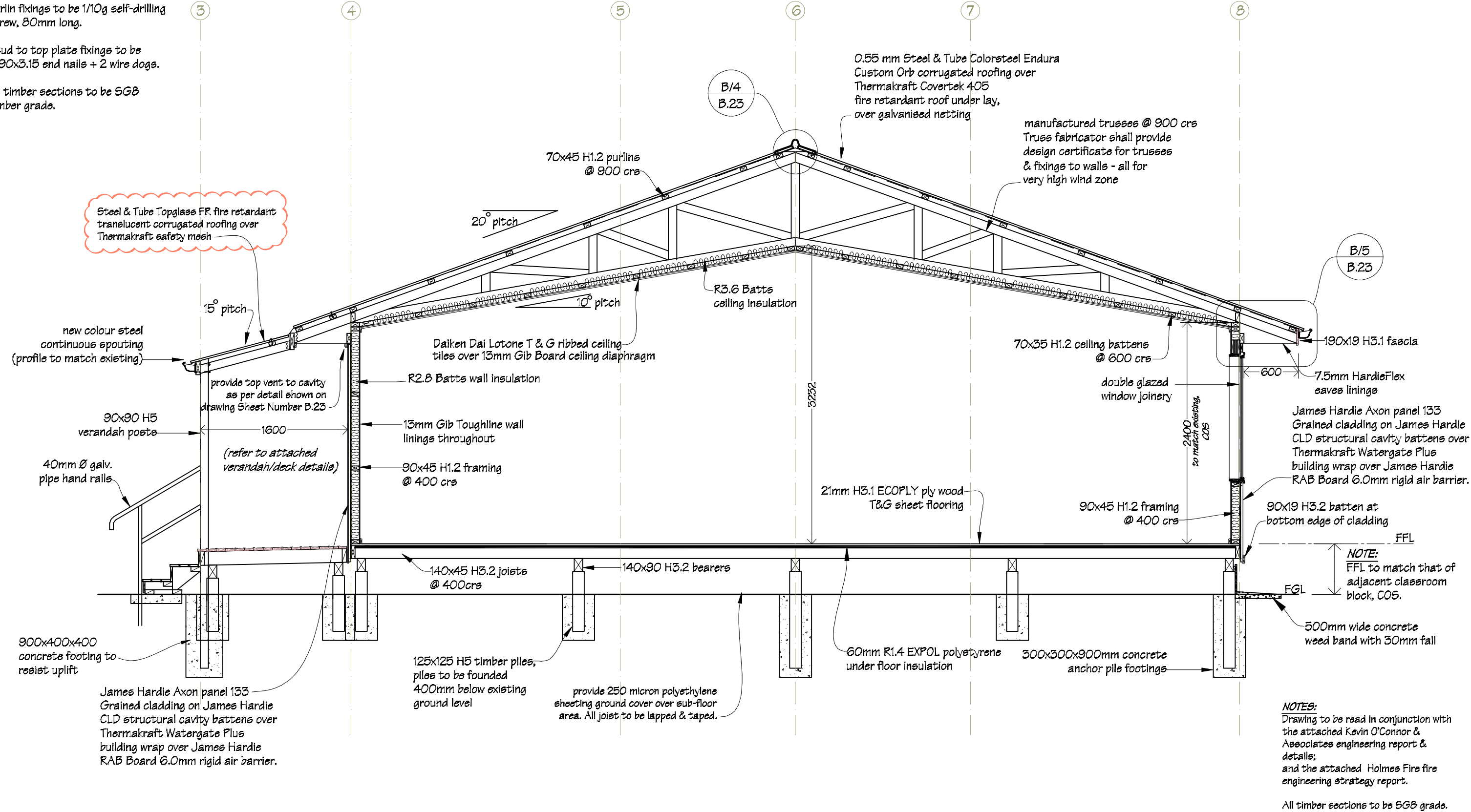
Foundation design to suit very high wind  
& earthquake Zone 3

Purlin fixings to be 1/10g self-drilling  
screw, 80mm long.

Stud to top plate fixings to be  
2/90x3.15 end nails + 2 wire dogs.


All timber sections to be SGB  
timber grade.

Cross Section B-B  
B.02

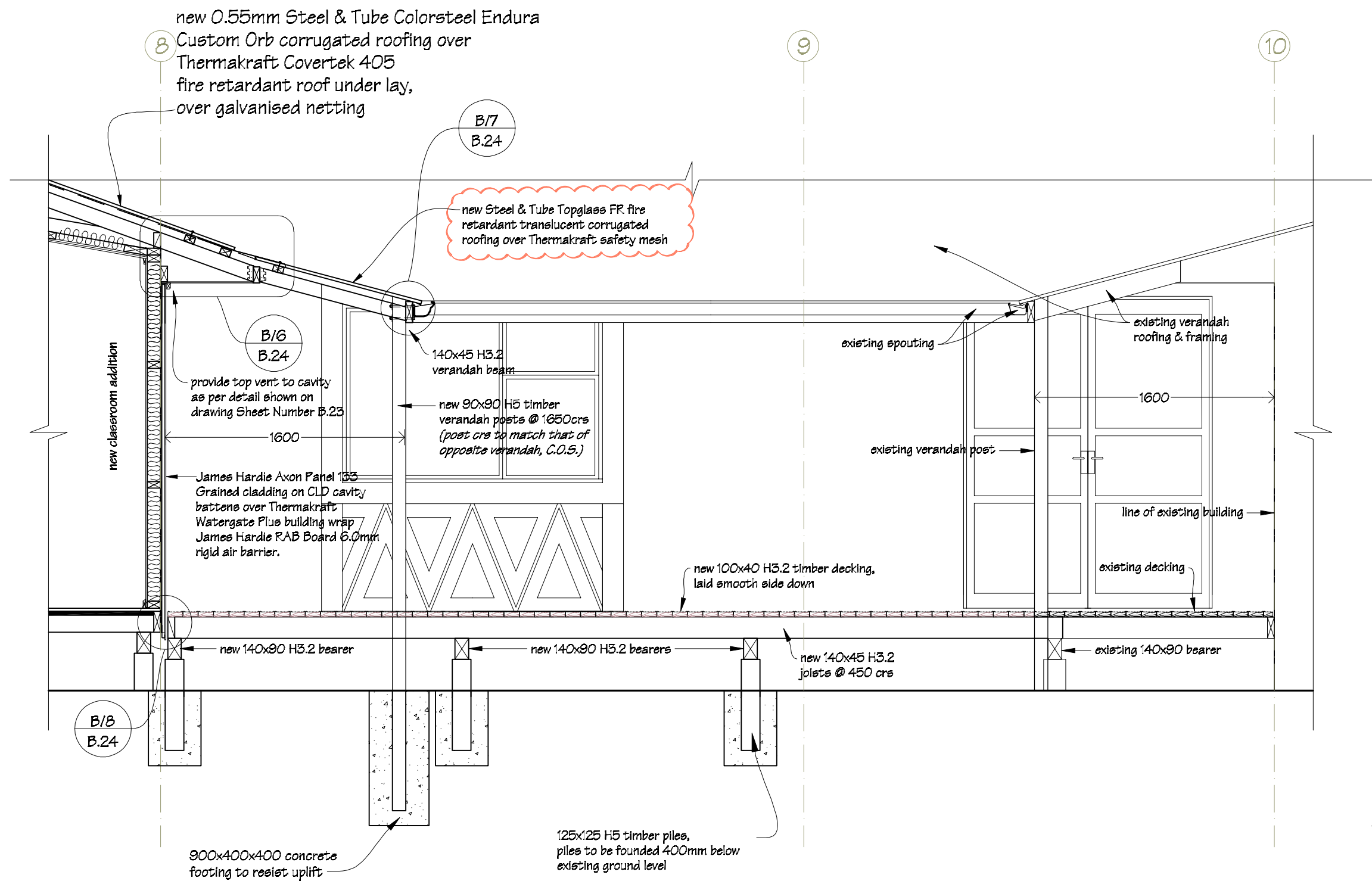


NOTES:  
Drawing to be read in conjunction with  
the attached Kevin O'Connor &  
Associates engineering report &  
details;  
and the attached Holmes Fire fire  
engineering strategy report.

All timber sections to be SGB grade.


 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT	DRAWING TITLE	REVISIONS	Scale	1:40	Pricing/Building Consent Drawings	
	Mobile- Ian 021-427.347		Roll Growth Classrooms	Block B; Cross Section B-B	No	Date	Description		Date
	Mobile- Stephen 027-3355889				Original sheet size	A5			
	Email- ian@irgroup.co.nz				Drawn	S.T.	Do not scale from drawings. Check all dimensions on site.		
	steve@irgroup.co.nz				Sheet No	B.15			
	Web- www.irgroup.co.nz					55			

Cross Section C-C  
B.02

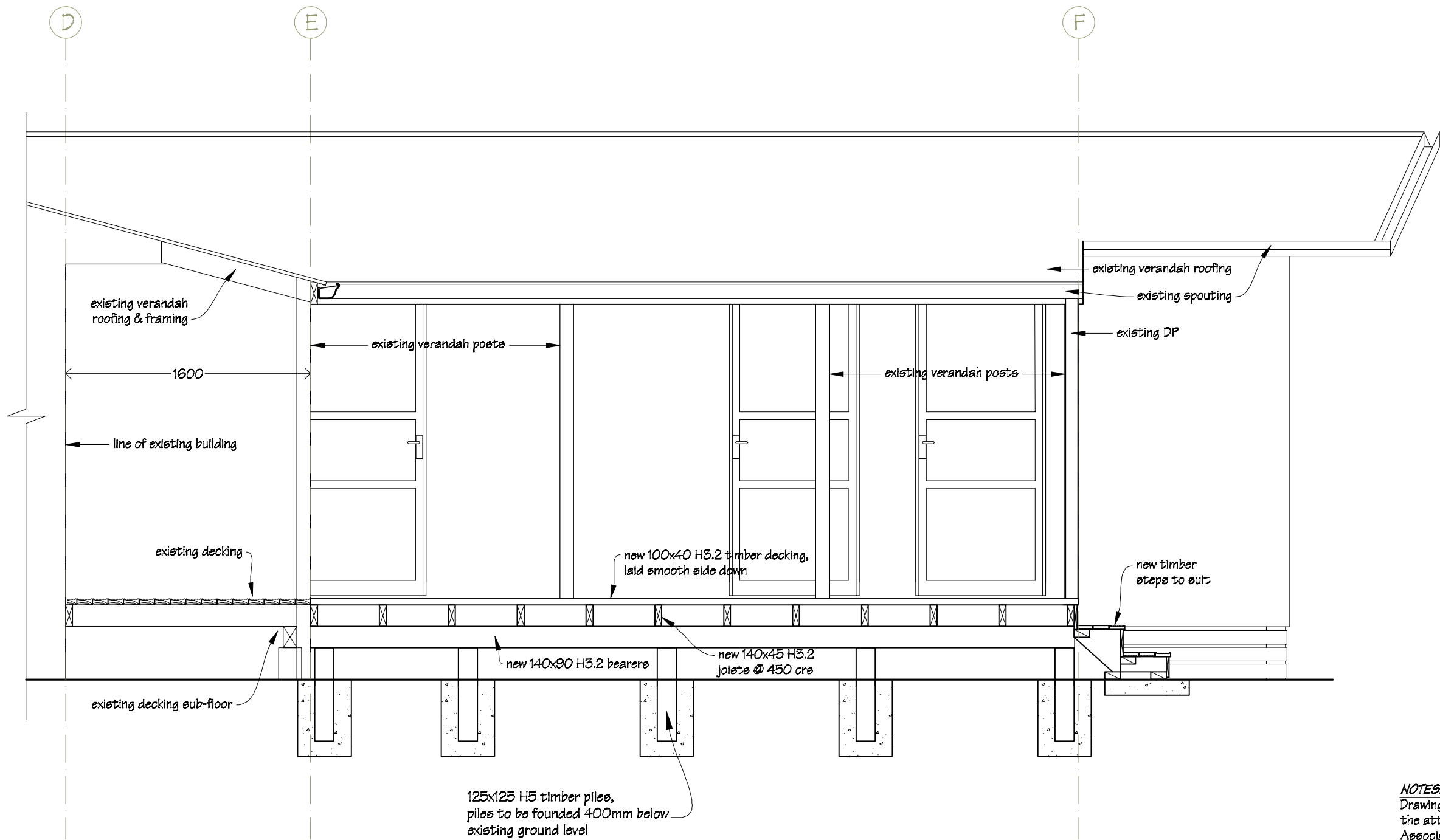


**NOTES:**  
Drawing to be read in conjunction with the attached Kevin O'Connor & Associates engineering report & details.

All timber sections to be SGB grade.


 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  Block B; Cross Section C-C	REVISIONS <i>No Date Description</i>	Scale	1:50	Pricing/Building Consent Drawings
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	Mobile- Stephen 027-3355889					Original sheet size	A5	Do not scale from drawings. Check all dimensions on site.
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	Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>						36	

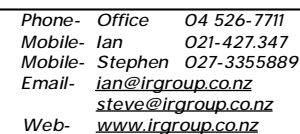
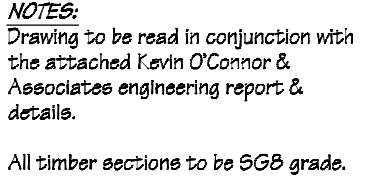
Cross Section D-D  
B.02



**NOTES:**  
Drawing to be read in conjunction with the attached Kevin O'Connor & Associates engineering report & details; and the attached Holmes Fire fire engineering strategy report.

All timber sections to be SGB grade.

 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT	DRAWING TITLE	REVISIONS	Scale	1:50	Pricing/Building Consent Drawings
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	Mobile- Stephen 027-3355889				Original sheet size	A5	<i>Do not scale from drawings. Check all dimensions on site.</i>	
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	<a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a>				Sheet No	B.17		
	Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>				37			



PROJECT
Roll Growth Classrooms

REVISIONS		
No	Date	Description

## Pricing/Building Consent Drawings

Cross Section F-F

B.02

0.55 mm Steel & Tube Colorsteel Endura Custom Orb  
corrugated roofing over Thermakraft Covertex 405  
fire retardant roof under lay, over galvanised netting,  
(roofing colour to match existing)

190x45 H1.2 rafters 600 c/s

70x45 H1.2 purlins  
@ 900 c/s

B/12  
B.26

150 PFC rafter  
(refer to attached  
engineer's report for details)

James Hardie Axon panel 133 Grained  
cladding on 70x35 H1.2 ceiling  
battens @ 600 c/s

existing roof framing

existing exterior wall

**FIXINGS**  
Rafter fixings to be 2/90x3.15  
ekew nails + 2 wire dogs.

Purlin fixings to be 1/10g self-drilling  
screw, 80mm long.

All timber sections to be SGB  
timber grade.

new 100mm reinforced concrete  
slab, concrete strength to be 20mpa

300

100

Grade 500E mesh

500mm long chemset D12 starters  
@ 800 c/s to existing footing

step to suit

310

FGL

200mm min

2/D12

DPM

compacted hard fill, min 150mm

20mm sand blinding

existing concrete slab

existing sub-floor

R/O @ 300mm c/s

200

**NOTES:**

Drawings to be read in conjunction with the  
attached Kevin O'Connor & Associates  
engineering report & details.

All timber sections to be SGB grade.

Cross Section G-G

B.02

0.55 mm Steel & Tube Colorsteel Endura Custom Orb  
corrugated roofing over Thermakraft Covertex 405  
fire retardant roof under lay, over galvanised netting  
(roofing colour to match existing)

190x45 H1.2 rafters 600 c/s

70x45 H1.2 purlins  
@ 900 c/s

James Hardie Axon panel 133 Grained  
cladding on 70x35 H1.2 ceiling  
battens @ 600 c/s

existing roof framing

existing exterior wall

remove section of exterior cladding  
& interior lining and trim wall framing  
to allow for new concrete upstand and  
bottom plate, and make good exterior cladding.

new 100mm reinforced concrete  
slab, concrete strength to be 20mpa

300

100

Grade 500E mesh

new concrete upstand

existing sub-floor

FGL

200mm min

2/D12

DPM

compacted hard fill, min 150mm

20mm sand blinding

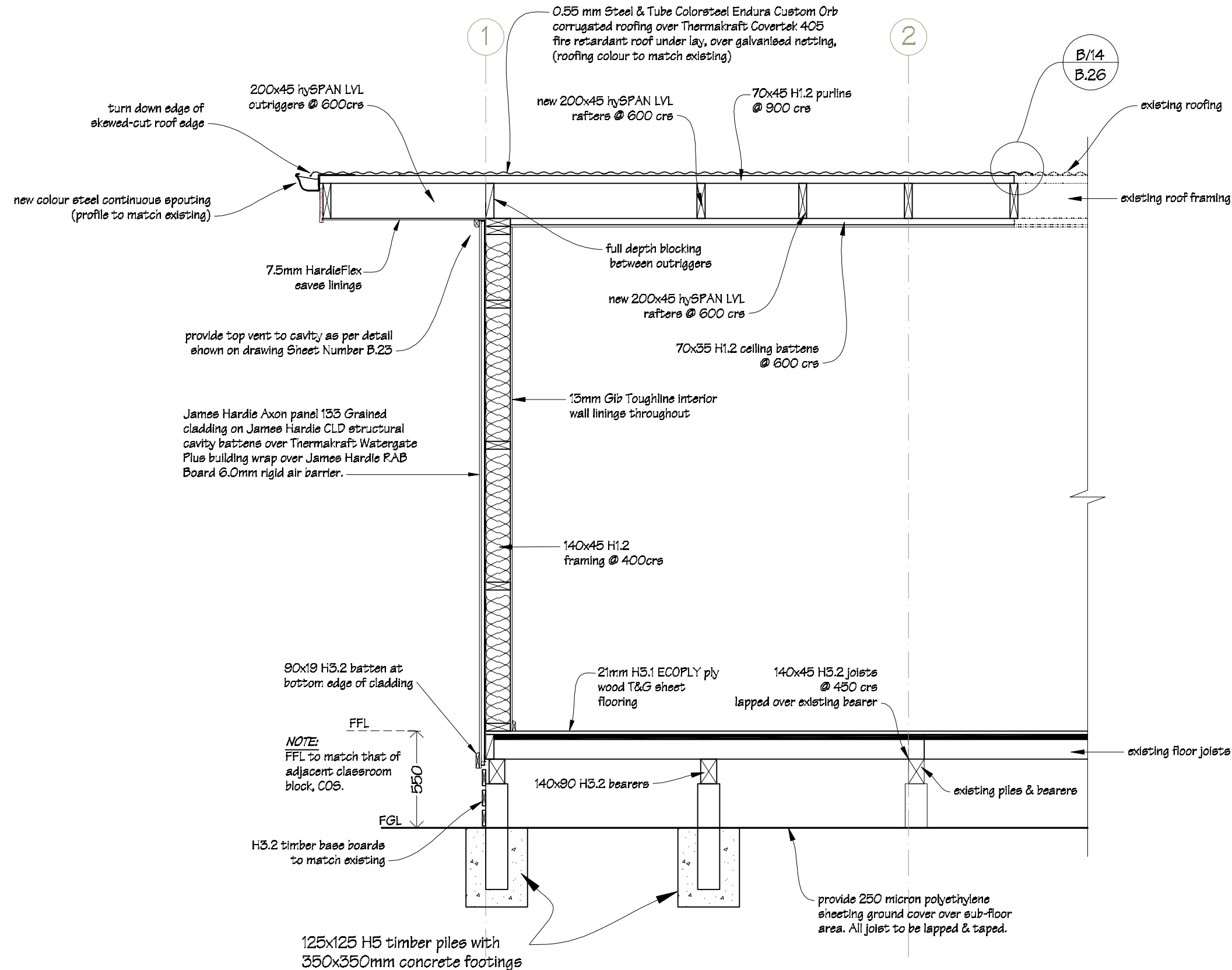
R/O @ 300mm c/s

200

B/13  
B.26


 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT	DRAWING TITLE	REVISIONS	Scale	1:20	Pricing/Building Consent Drawings  Do not scale from drawings. Check all dimensions on site.
	Mobile- Ian 021-427.347		Roll Growth Classrooms	Block B ; Cross Sections F-F & G-G	<div>No</div> <div>Date</div> <div>Description</div>	Date	26/5/2016	
	Mobile- Stephen 027-3355889					Original sheet size	A3	
	Email- ian@irgroup.co.nz					Drawn	S. T.	
	steve@irgroup.co.nz					Sheet No	B.19	
	Web- www.irgroup.co.nz						39	

Cross Section H-H  
B.02



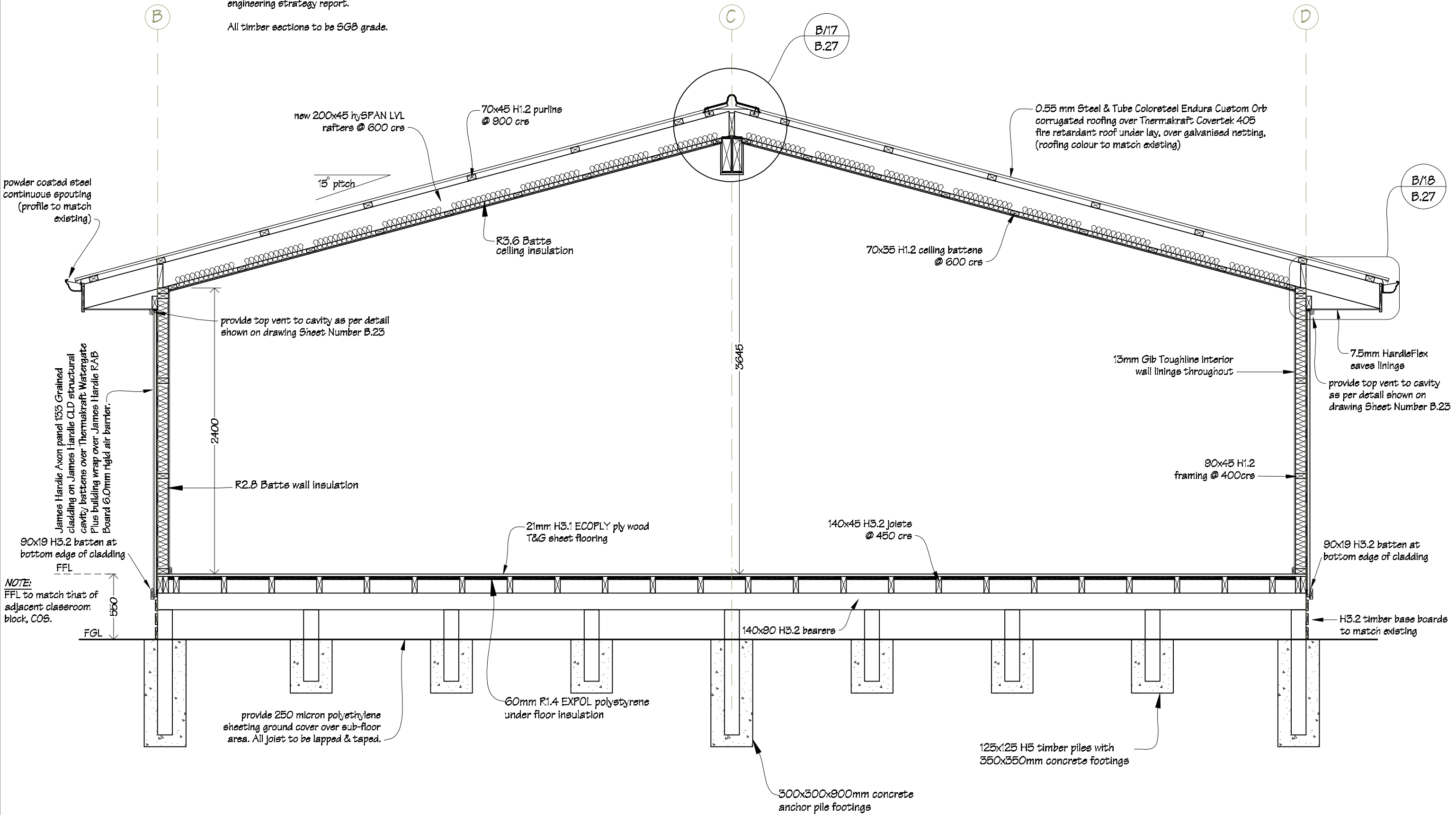
**NOTES:**  
Drawing to be read in conjunction with the attached Kevin O'Connor & Associates engineering report & details; and the attached Holmes Fire fire engineering strategy report.


All timber sections to be SGB grade.

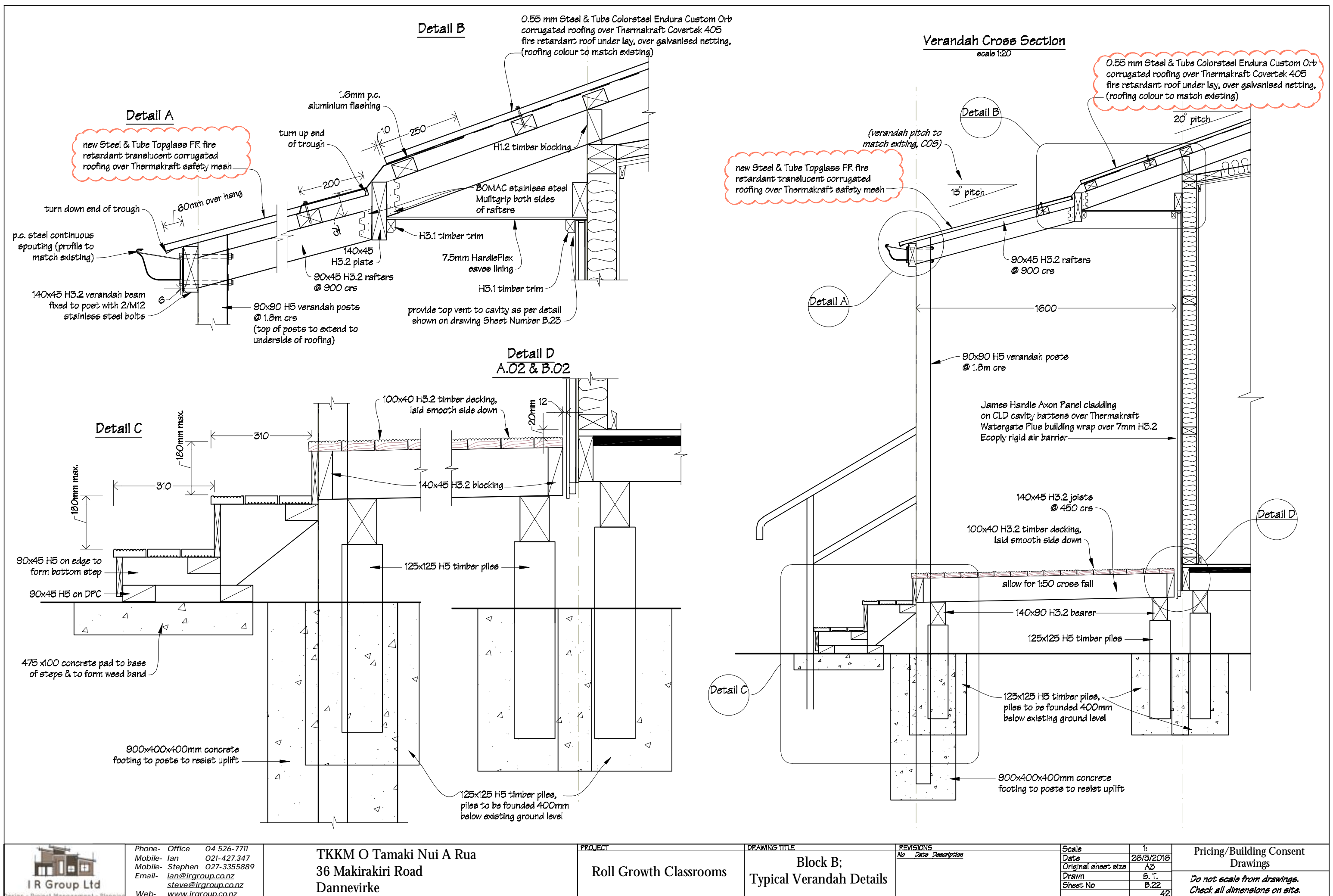
 <b>IR Group Ltd</b> <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  Block B; Cross Section H-H	<table><tr><th colspan="3">REVISIONS</th></tr><tr><th>No</th><th>Date</th><th>Description</th></tr><tr><td> </td><td> </td><td> </td></tr></table>	REVISIONS			No	Date	Description				Scale 1:25	Pricing/Building Consent Drawings  <i>Do not scale from drawings. Check all dimensions on site.</i>
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	Mobile- Stephen 027-3355889					Original sheet size A5										
Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a>	Drawn S. T.															
<a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a>	Sheet No B.20															
Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>	40															

**NOTES:**  
Drawing to be read in conjunction with  
the attached Kevin O'Connor &  
Associates engineering report &  
details;  
and the attached Holmes Fire fire  
engineering strategy report.

All timber sections to be SGB grade.

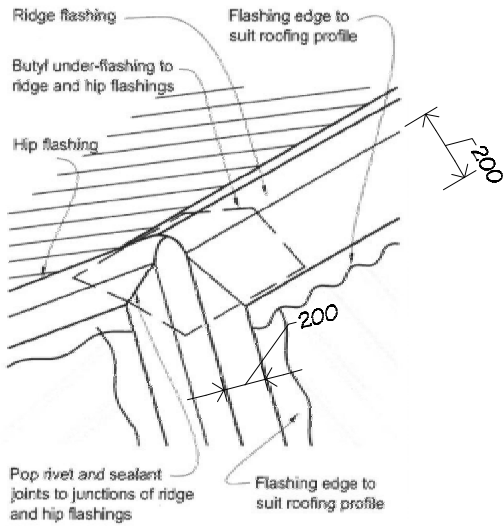


 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT	Block B; Cross Section I-I	REVISIONS	Scale 1:30	Pricing/Building Consent Drawings
	Mobile- Ian 021-427.347		Roll Growth Classrooms		<u>No</u> <u>Date</u> <u>Description</u>	Date 26/5/2016	
	Mobile- Stephen 027-3355889					Original sheet size A3	
	Email- ian@irgroup.co.nz					Drawn S. T.	
	steve@irgroup.co.nz					Sheet No B.21	
	www.irgroup.co.nz					41	

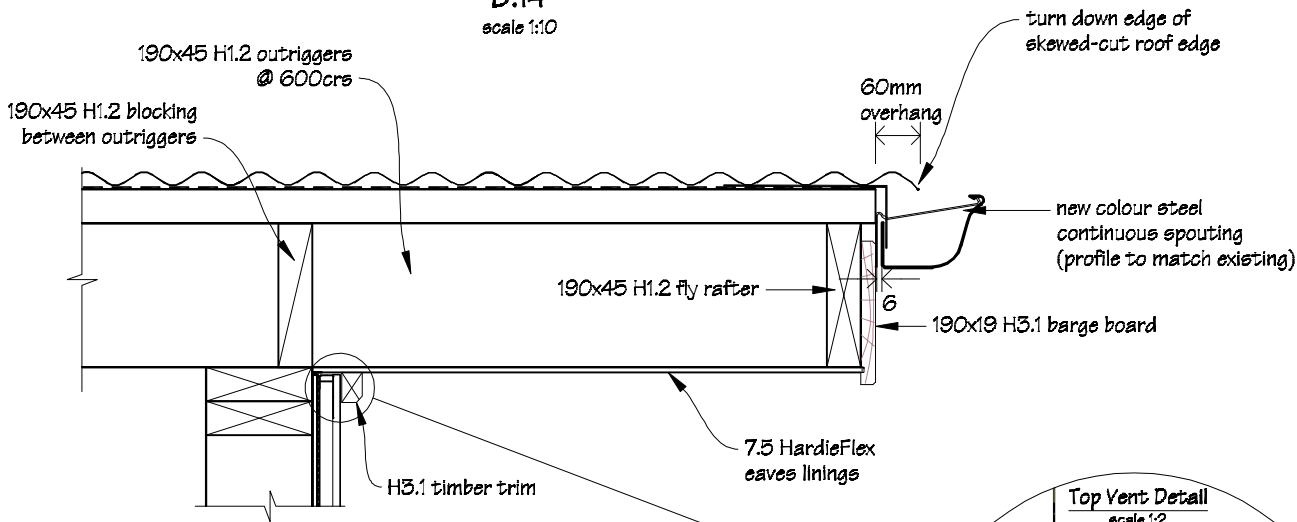


B/1  
B.14  
N.T.S.

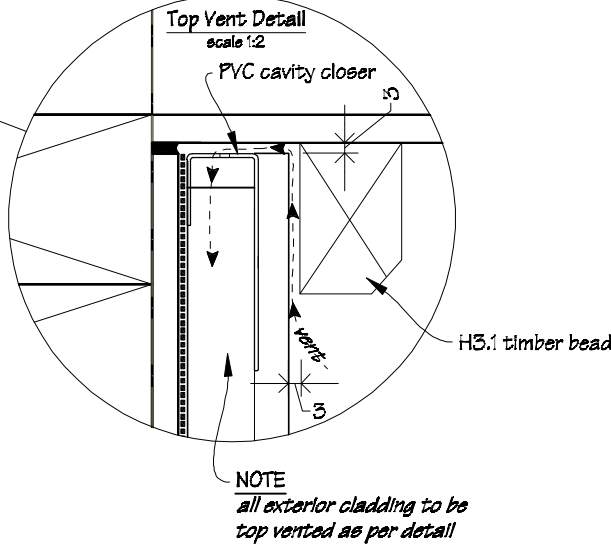
Ridge to Hip Flashing Detail



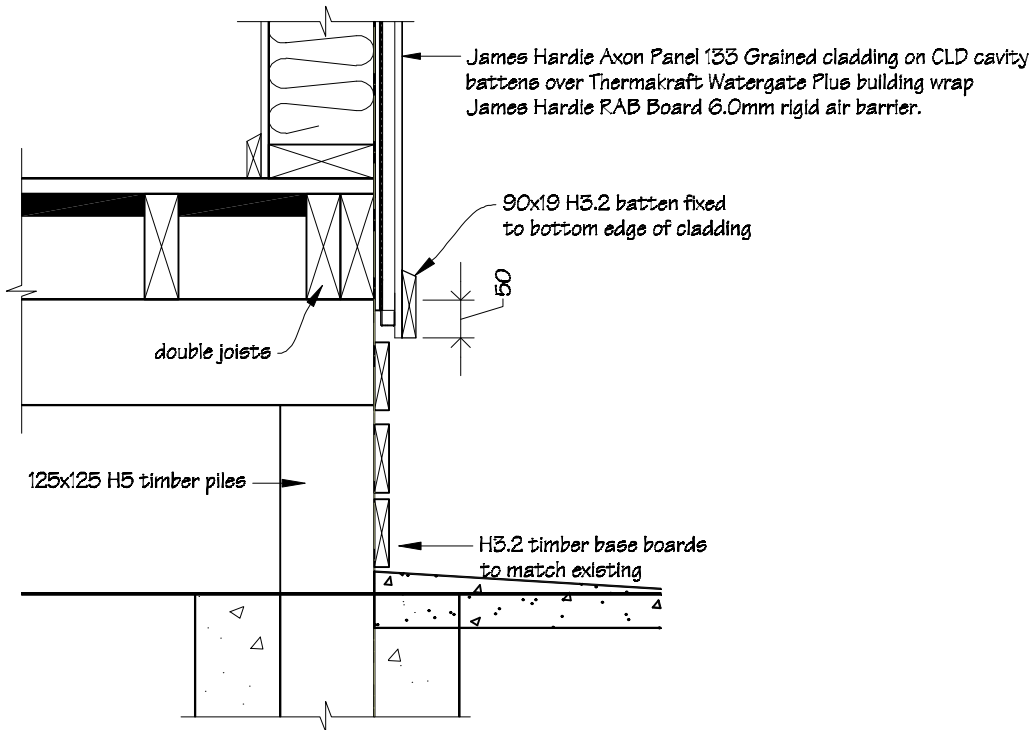
B/2  
B.14  
scale 1:10



Top Vent Detail  
scale 1:2

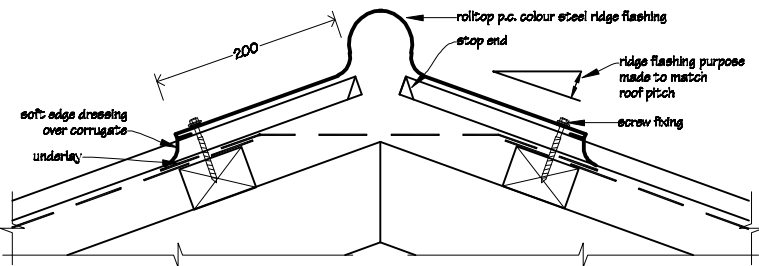


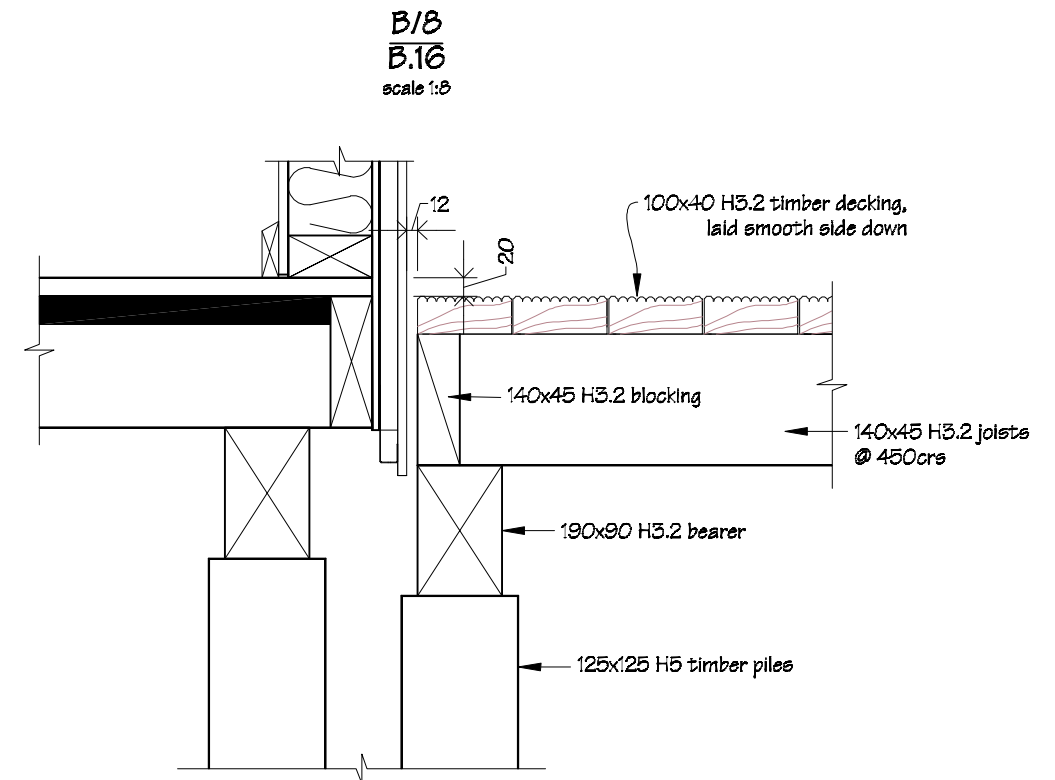
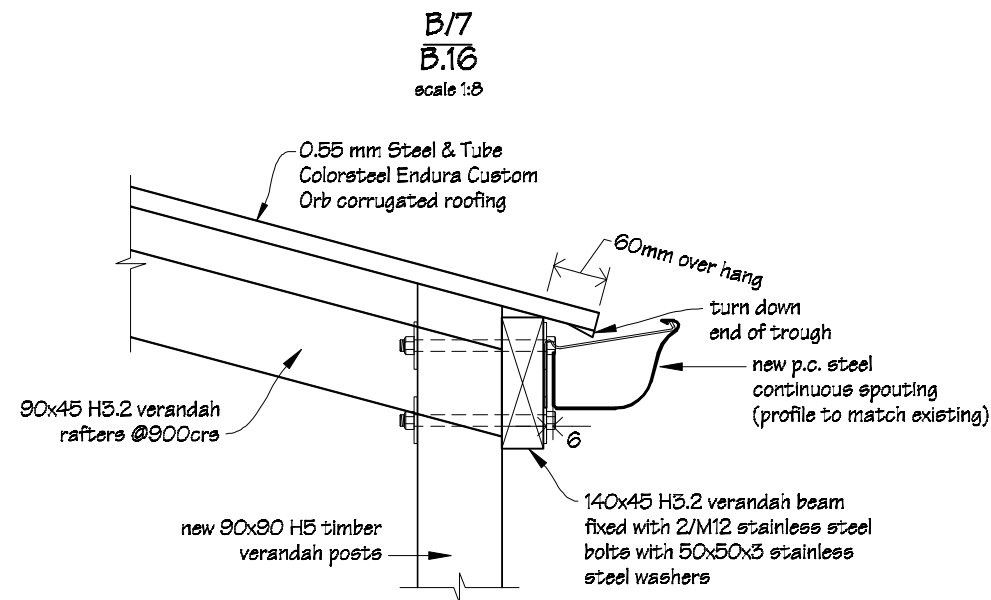
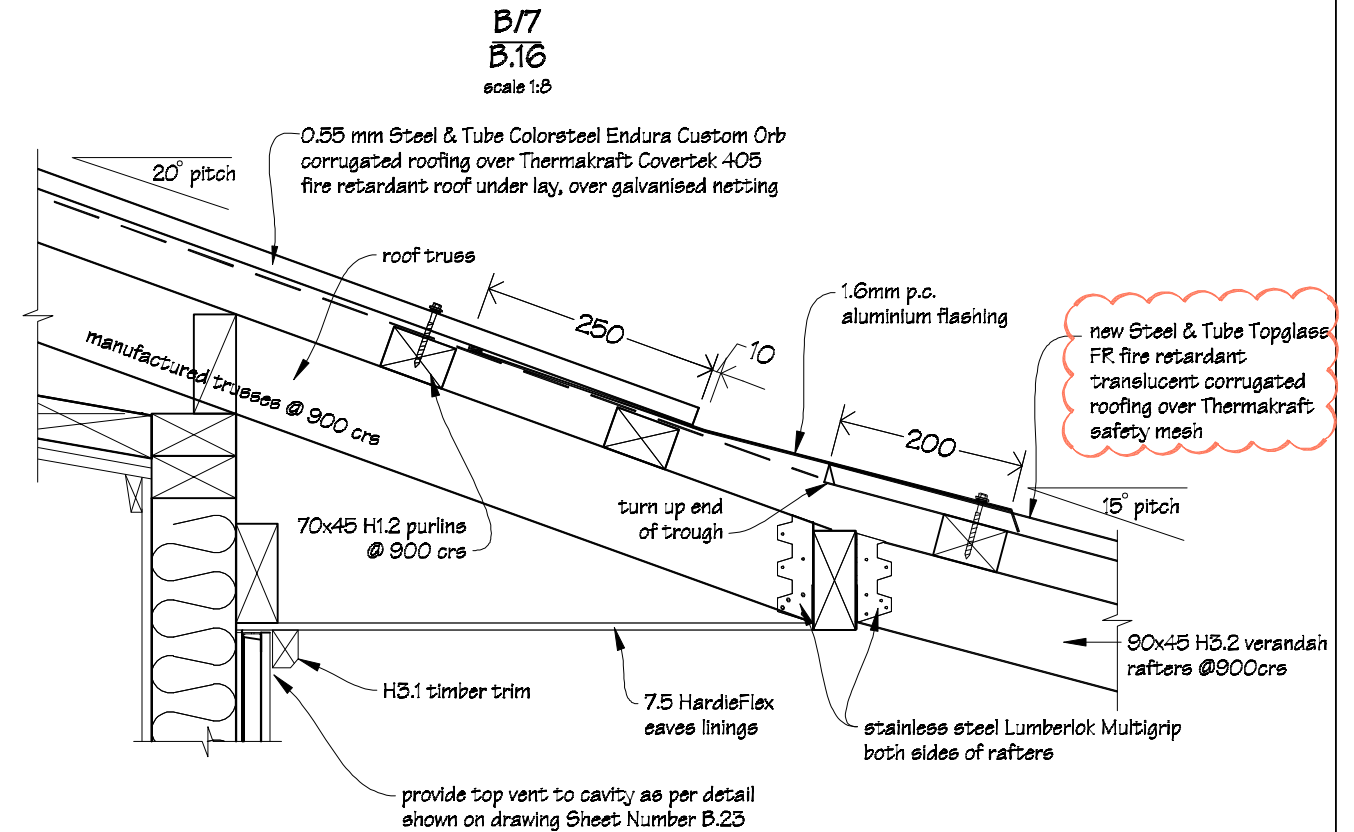
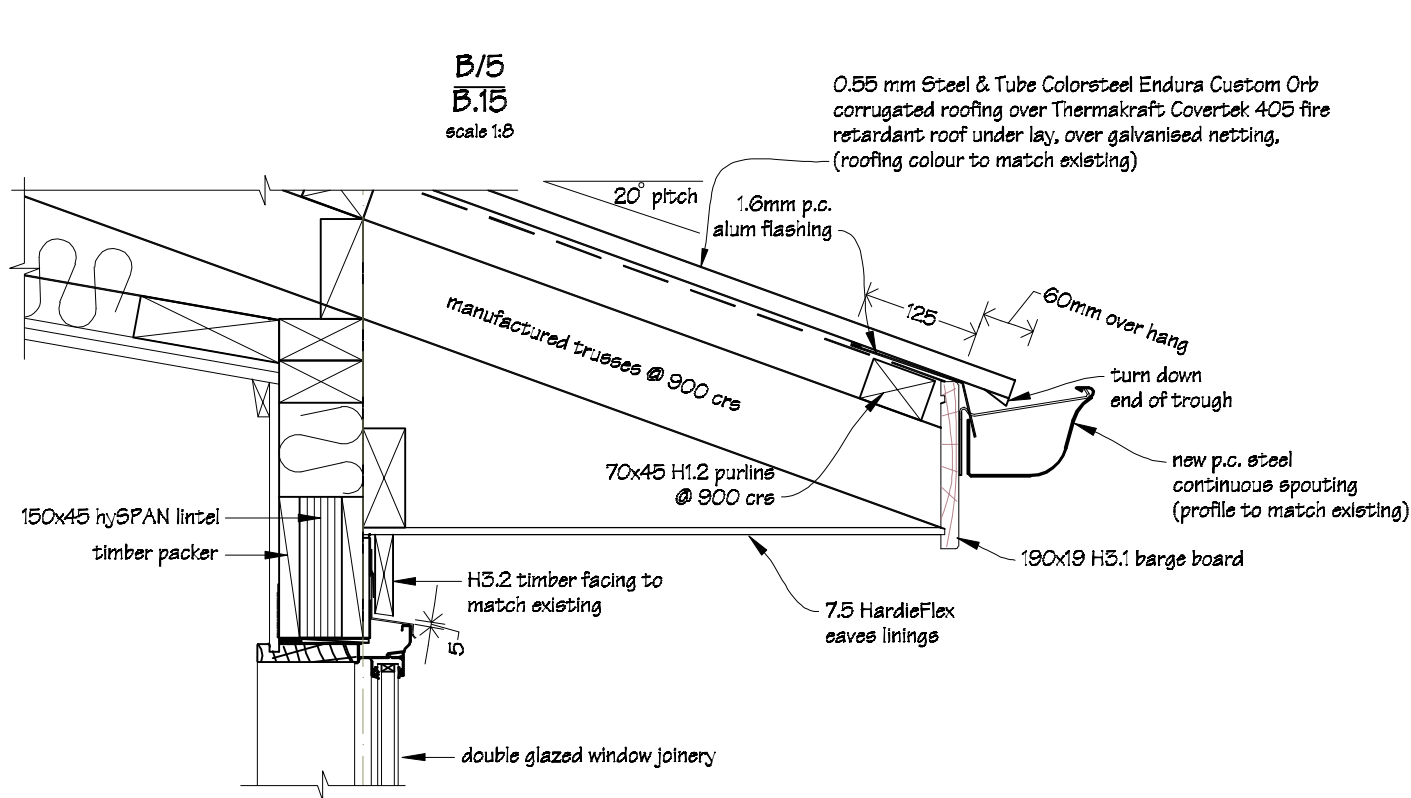
B/3  
B.14  
scale 1:10




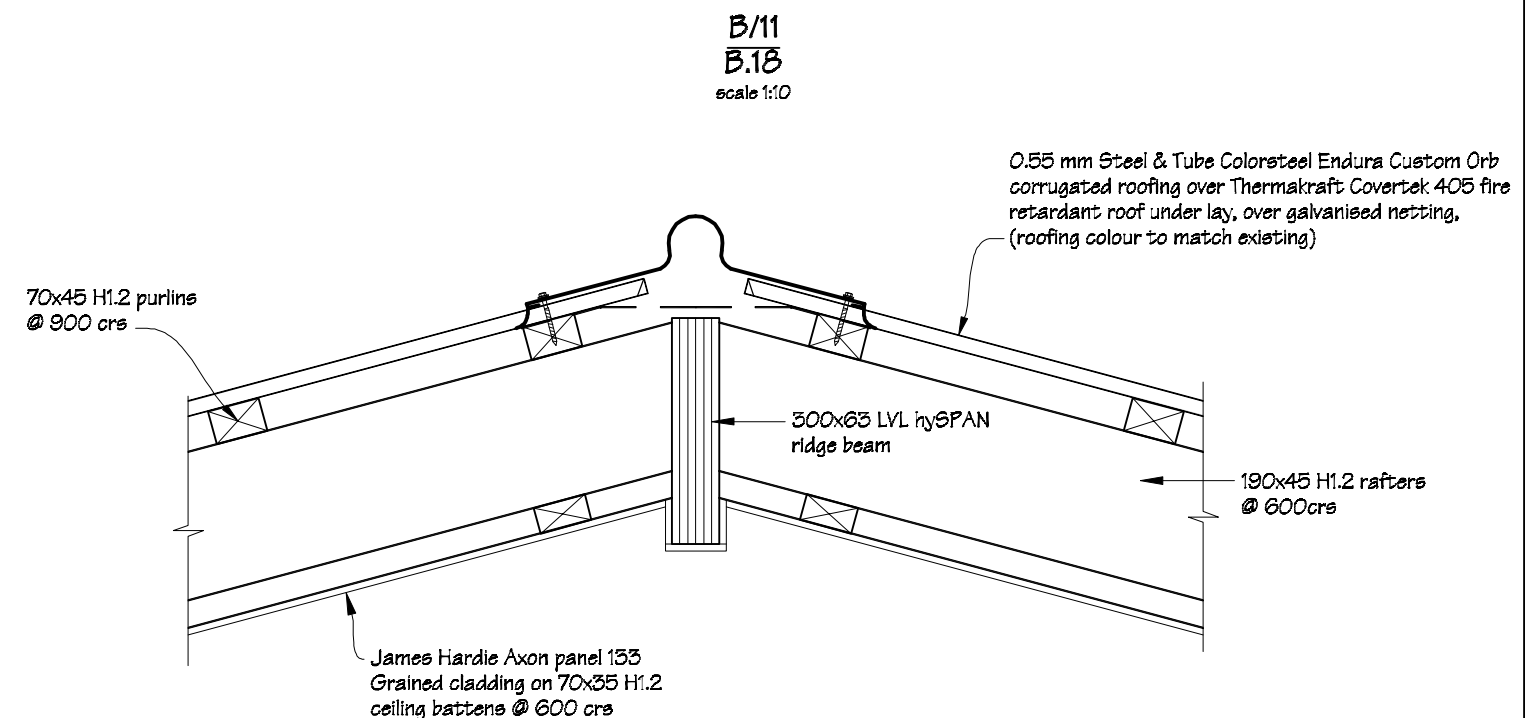
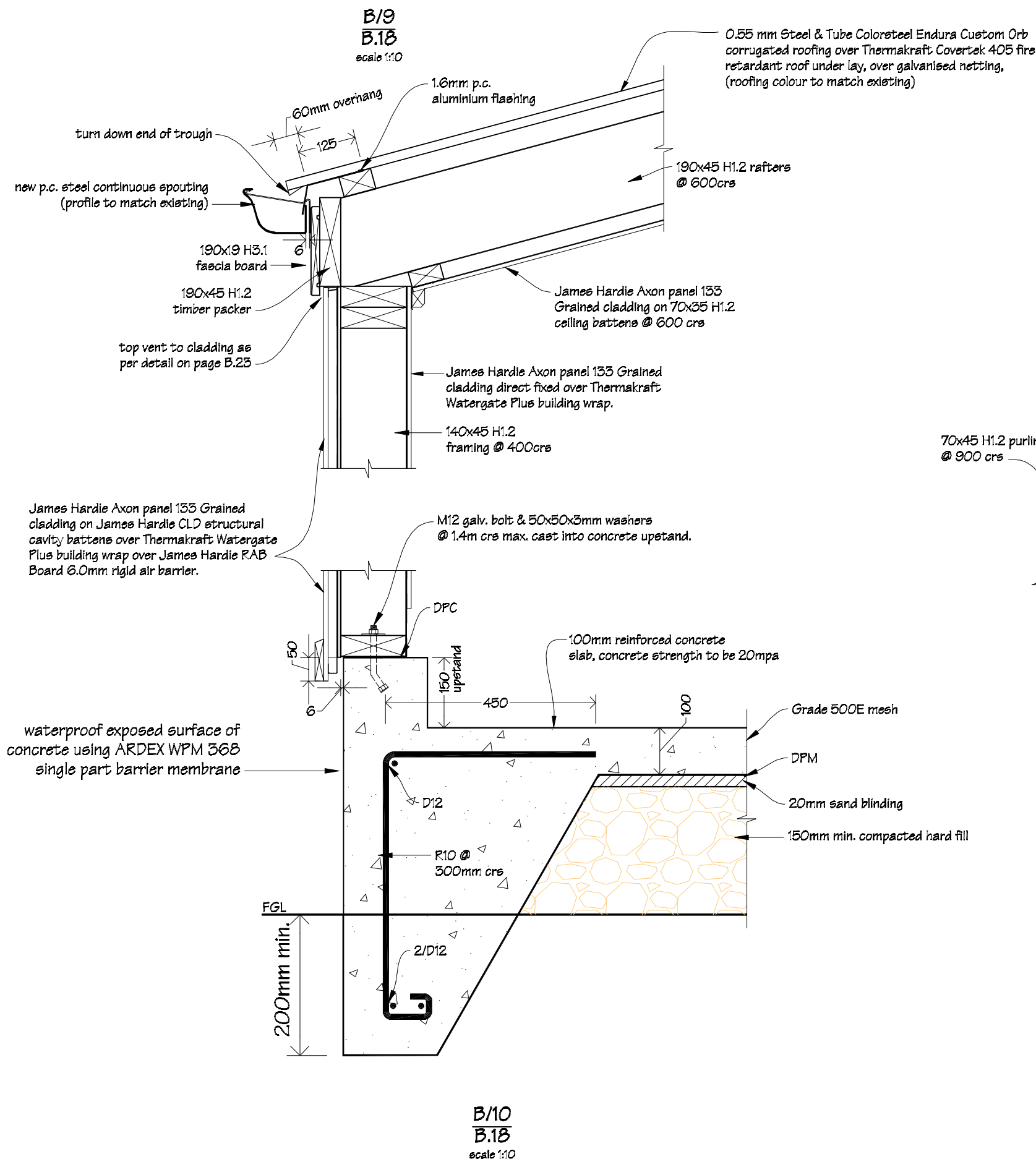
B/4  
B.15  
scale 1:5

Typical Ridge Flashing Detail






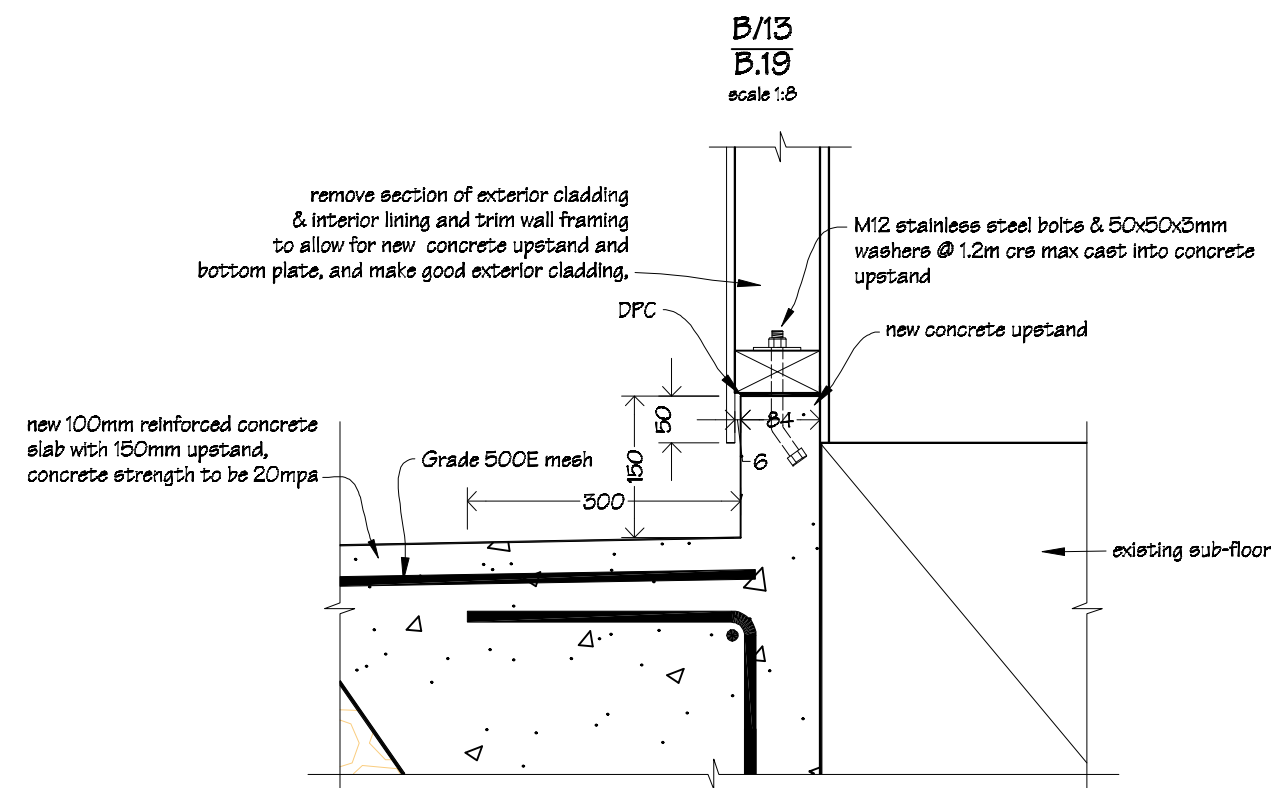
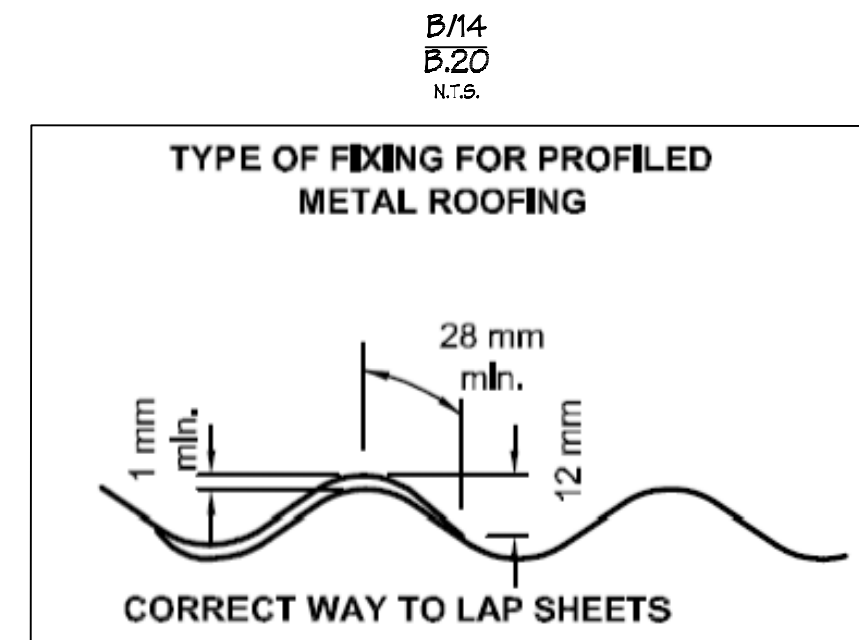
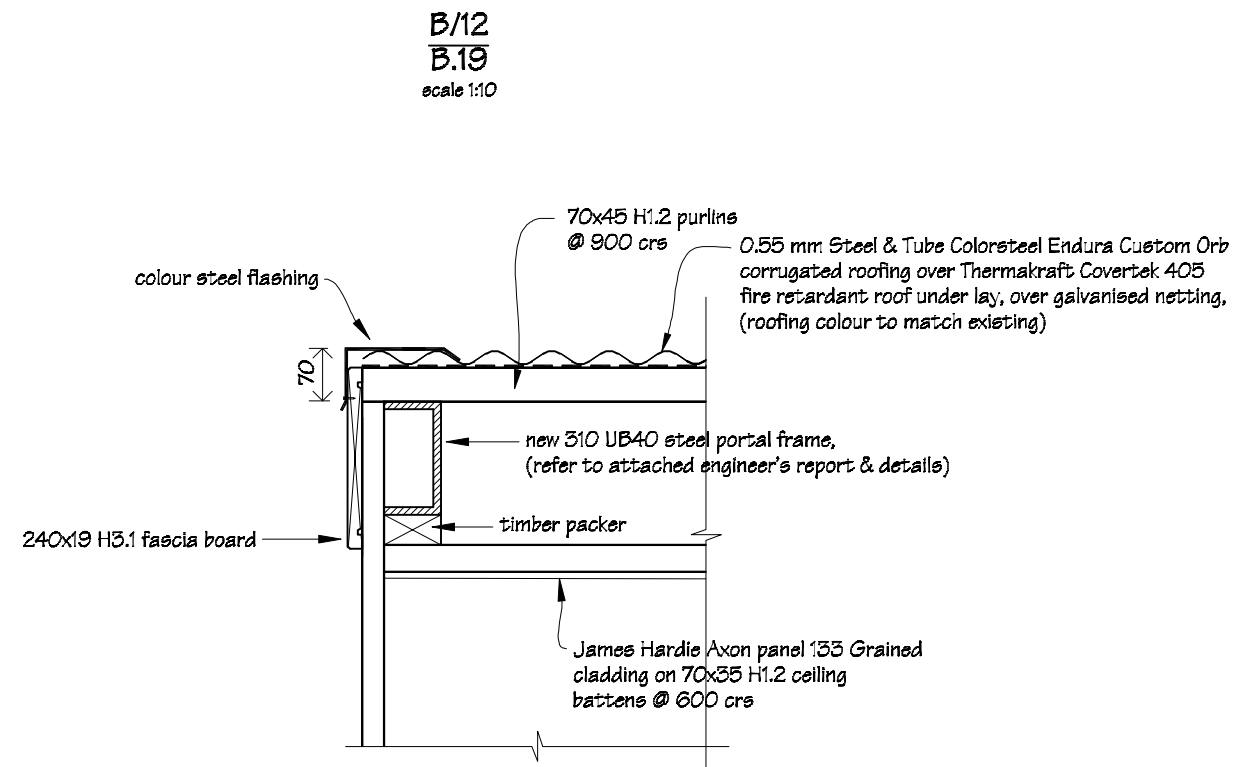
 <p>IR Group Ltd Design - Project Management - Planning</p>	<p>Phone- Office 04 526-7711 Mobile- Ian 021-427347 Mobile- Stephen 027-3355889 Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a> <a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a> Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a></p>	<p>TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke</p>	<p>PROJECT Roll Growth Classrooms</p>	<p>DRAWING TITLE Block B; Cross Section Details B5, B6, B7 &amp; B8</p>	<p>REVISIONS No Date Description</p>	<p>Scale 1:8 Date 26/5/2016 Original sheet size A3 Drawn S.T. Sheet No B.24</p>	<p>Pricing/Building Consent Drawings <i>Do not scale from drawings. Check all dimensions on site.</i></p>
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**NOTES:**  
Drawing to be read in conjunction with the attached Kevin O'Connor & Associates engineering report & details.


All timber sections to be SGB grade.

 <b>IR Group Ltd</b> <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  Block B; Cross Section Details B9, B10, & B11	REVISIONS <table><tr><th>No</th><th>Date</th><th>Description</th></tr><tr><td> </td><td> </td><td> </td></tr></table>	No	Date	Description				Scale 1:10	Pricing/Building Consent Drawings
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	Mobile- Ian 021-427.347					Date 26/5/2016							
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steve@irgroup.co.nz	Sheet No B.25												
Web- www.irgroup.co.nz	45	Do not scale from drawings. Check all dimensions on site.											



**NOTES:**  
Drawing to be read in conjunction with the attached Kevin O'Connor & Associates engineering report & details.

All timber sections to be SGB grade.

 <b>IR Group Ltd</b> <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  Block B; Cross Section Details B12, B13 & B14	REVISIONS <table><tr><th>No</th><th>Date</th><th>Description</th></tr><tr><td> </td><td> </td><td> </td></tr></table>	No	Date	Description				Scale as shown	Pricing/Building Consent Drawings
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	Mobile- Stephen 027-3355889					Original sheet size A5							
Email- ian@irgroup.co.nz	Drawn S.T.												
Web- steve@irgroup.co.nz	Sheet No B.26												
www.irgroup.co.nz	46	Do not scale from drawings. Check all dimensions on site.											

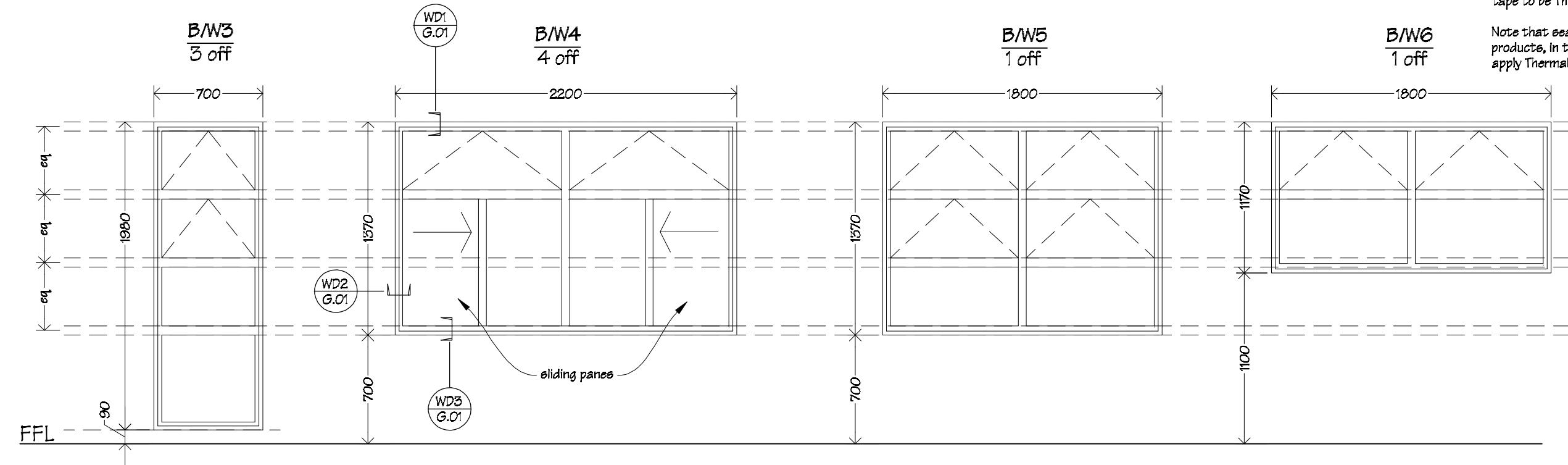


Block B  
Window & Door Schedule 1  
scale 1:30

**NOTES:**  
Measure all openings on site before ordering fabrication of new aluminium joinery. All existing openings need to be checked and may need to be adjusted to allow integration of flashing systems with new aluminium joinery units. The Ministry of Education also require a minimum of a 10mm gap between new timber framing and liners.

Air seals to all joinery are to comprise of: Thermakraft Window-Worm PEF air seal backing rod with ADOS MS sealant. Flexible flashing tape to be Thermakraft Aluband.

Note that sealants are not compatible with bitumen based products, in this case where bitumen base flashing tape is used, apply Thermakraft Foil Tape 150 over exposed bitumen.



Aluminium joinery details and type to match existing on site.

All glazing to be Grade A safety glass & to comply with NZS 4211.

Exterior joinery to comply with NZS 4211.

Aluminium joinery to be powder coated to match existing on site.

Refer to floor plan for door locations & handing.  
Refer to specification for door hardware.

Doors D11 to be CA Sliders Overtaking Doors glazed aluminium sliding doors.

Doors are to Henderson overhead carriage, mounting plate & track to suit.

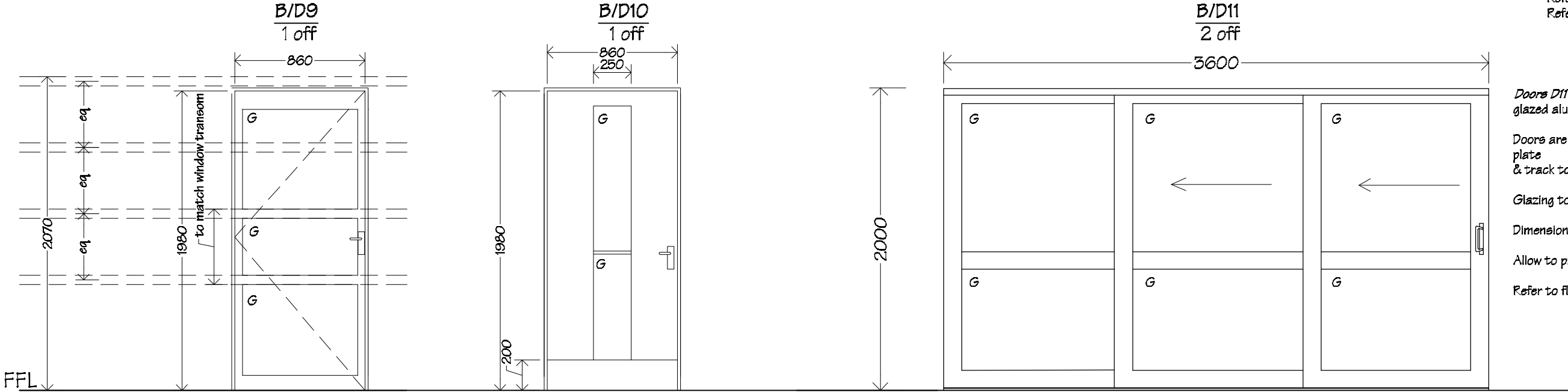
Glazing to be 12mm laminated safety glass.

Dimensions shown are for door size, excluding track etc.

Allow to provide sound proof seals to sliding door unit.

Refer to floor plans for handing.

**NOTE:**  
Doors B/D1, B/D2, B/D3, B/D4, B/D5, B/D6, B/D7 & B/D8 and windows B/W1 & B/W2 are to be reused from demolition.

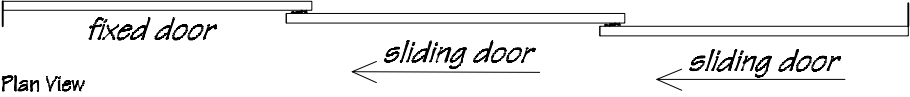


Door D10 to be a p.q. solid core, glazed interior door.

Glazing to be Grade A safety glass.

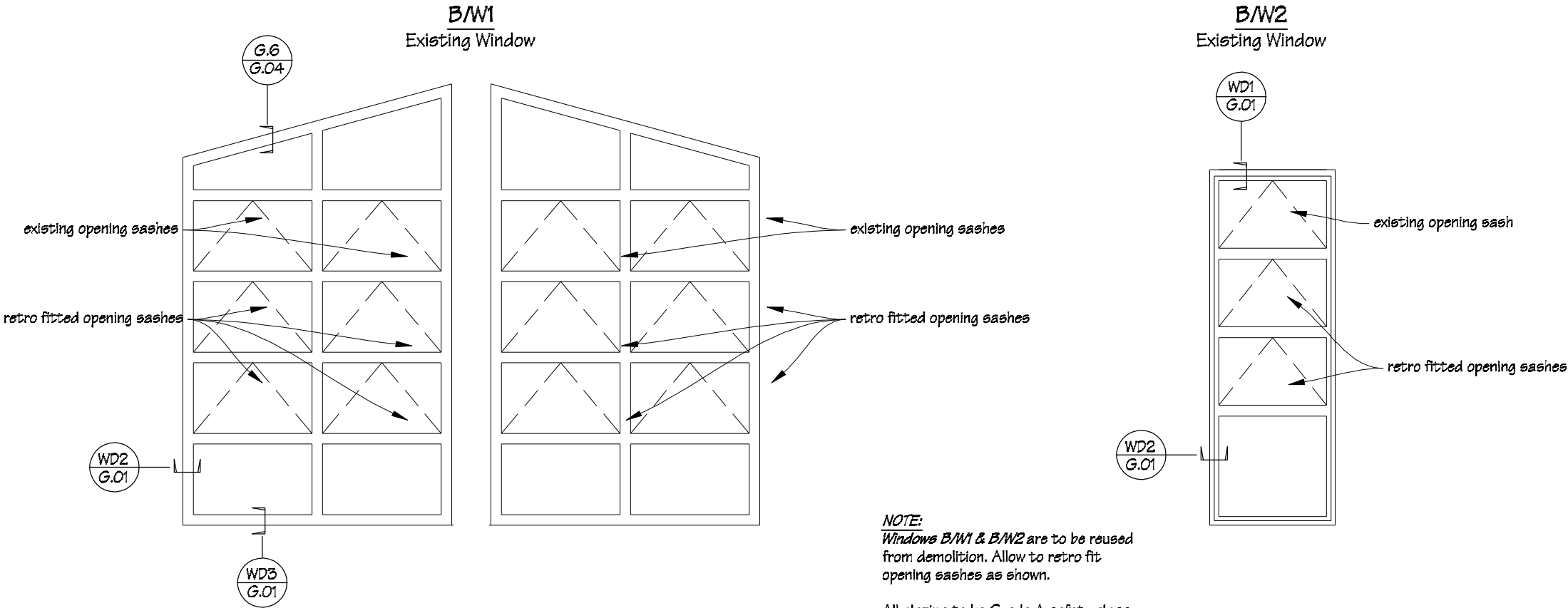
Details to match existing doors on site.

Elevation



Plan View

Block B  
Window & Door Schedule 2  
scale 1:30



**NOTE:**  
Windows B/W1 & B/W2 are to be reused from demolition. Allow to retro fit opening sashes as shown.


All glazing to be Grade A safety glass & to comply with NZS 4211.

Exterior joinery to comply with NZS 4211.

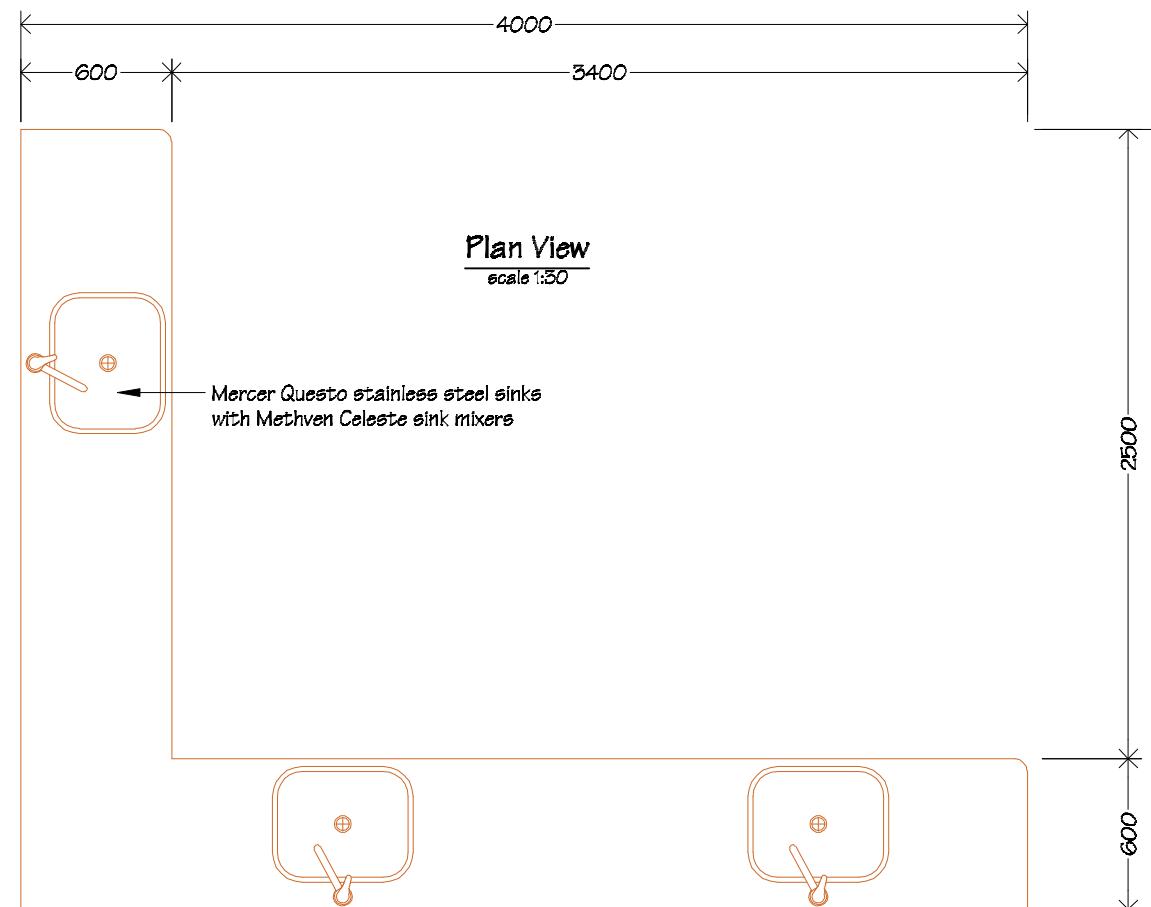
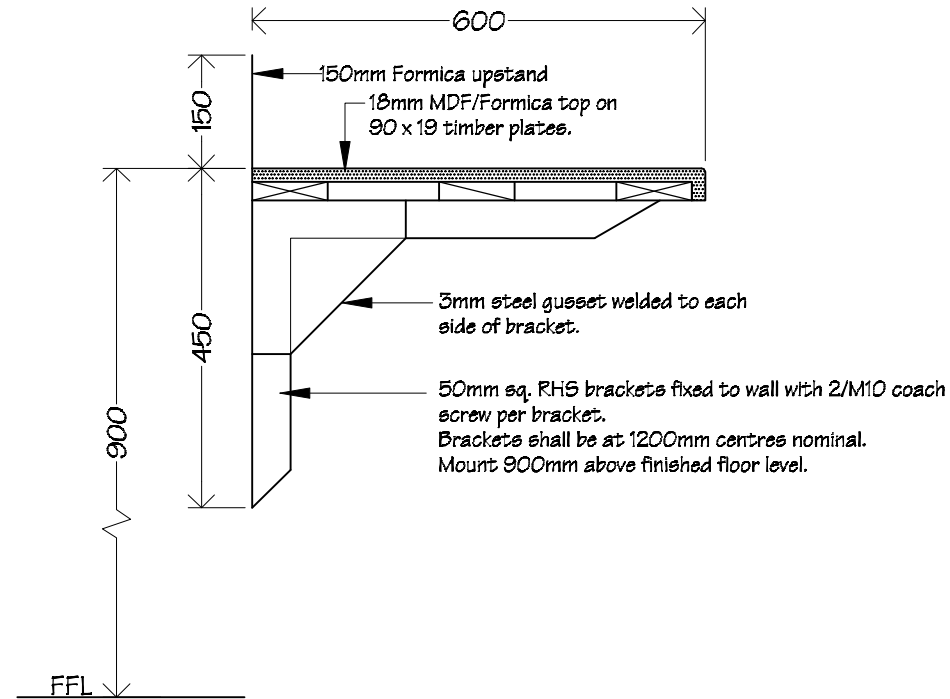
**NOTES:**  
Measure all openings on site before ordering fabrication of new aluminium joinery. All existing openings need to be checked and may need to be adjusted to allow integration of flashing systems with new aluminium joinery units. The Ministry of Education also require a minimum of a 10mm gap between new timber framing and liners.

Air seals to all joinery are to comprise of Thermakraft Window-Worm PEF air seal backing rod with ADOS MS sealant. Flexible flashing tape to be Thermakraft Aluband.

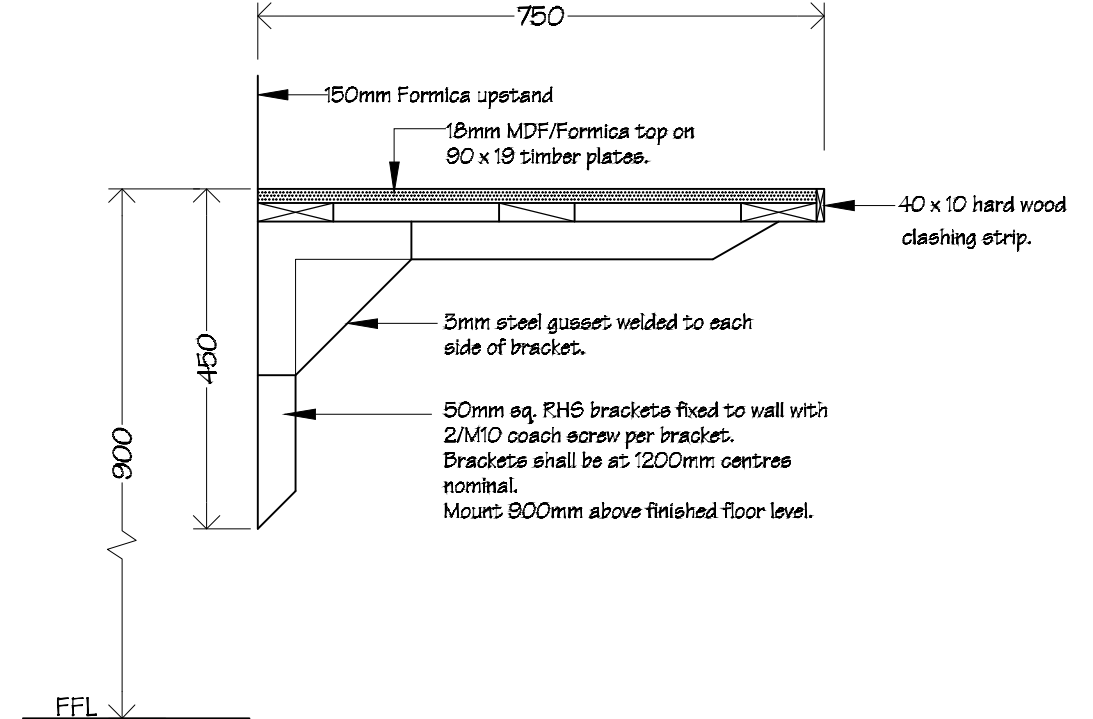
Note that sealants are not compatible with bitumen based products, in this case where bitumen base flashing tape is used, apply Thermakraft Foil Tape 150 over exposed bitumen.

 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT	DRAWING TITLE	REVISIONS	Scale	1:30	Pricing/Building Consent Drawings
	Mobile- Ian 021-427.347		Roll Growth Classrooms	B Block; Window & Door Schedule 2	No	Date	Description	
	Mobile- Stephen 027-3355889				Original sheet size	A5		
	Email- ian@irgroup.co.nz				Drawn	S.T.	Do not scale from drawings. Check all dimensions on site.	
	Web- steve@irgroup.co.nz				Sheet No	B.29		
www.irgroup.co.nz			49					

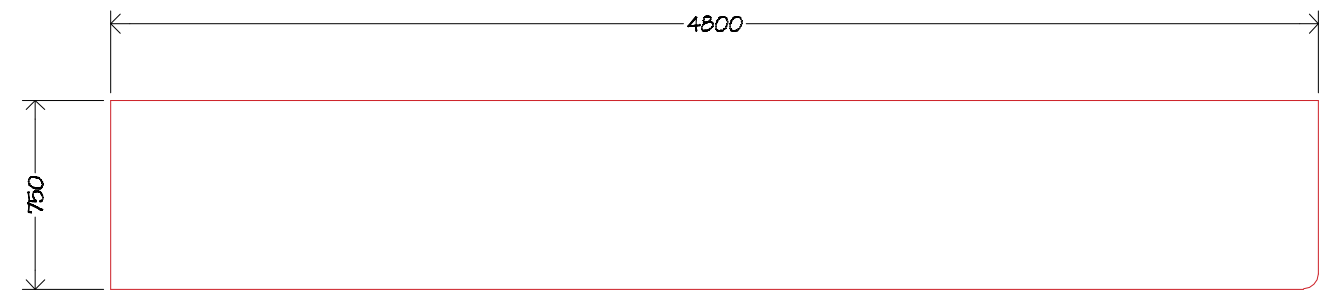
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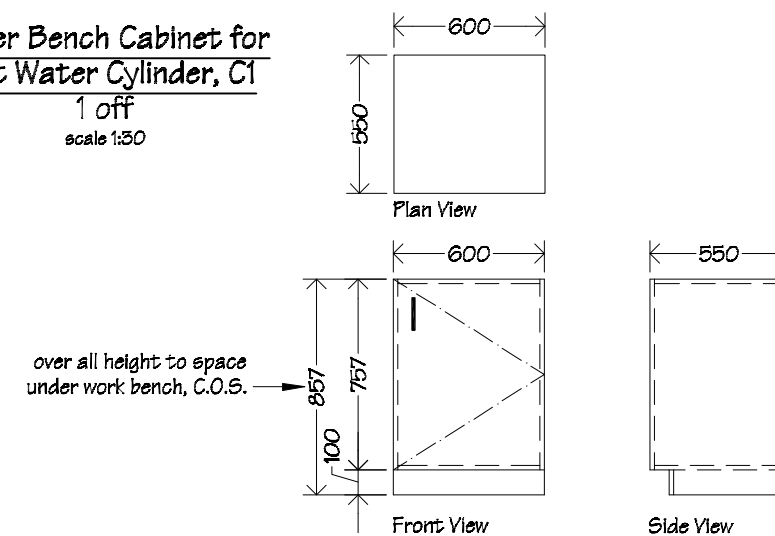
1 off  
scale 1:10



**Plan View**  
scale 1:30



1 off  
scale 1:30



Unit carcass, shelving & doors to be 18mm double sided Melteca with 3mm PVC edging, back to be 12mm single sided Melteca.

Door to be fitted with one pair of concealed "Grass", or similar, self closing hinges.

Provide new satin finish bow handles to door.

Joinery colours to be advised.



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Mobile-	Ian	021-427.347
Mobile-	Stephen	027-2355889
Email-	<a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a>	
	<a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a>	
Web-	<a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>	

TKKM O Tamaki Nui A Rua  
36 Makirakiri Road  
Dannevirke

PROJECT	
Roll Growth Classrooms	

DRAWING TITLE
<p style="text-align: center;">Block B; Wall Mounted Bench &amp; Cabinet Details</p>

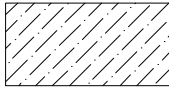
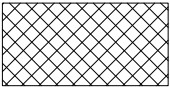

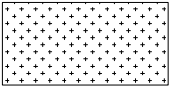
REVISIONS		
No	Date	Description

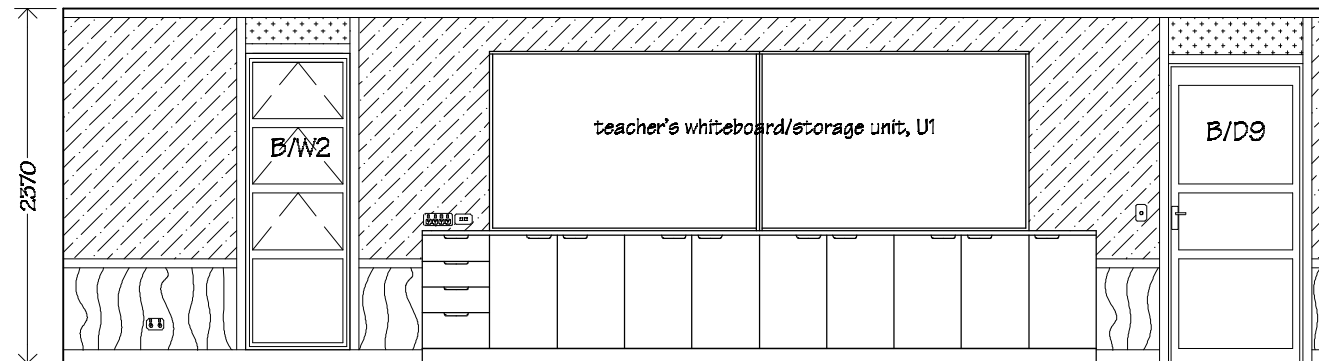
Scale	as shown
Date	26/5/2016
Original sheet size	A3
Drawn	S. T.
Sheet No	B.30

## Pricing/Building Consent Drawings

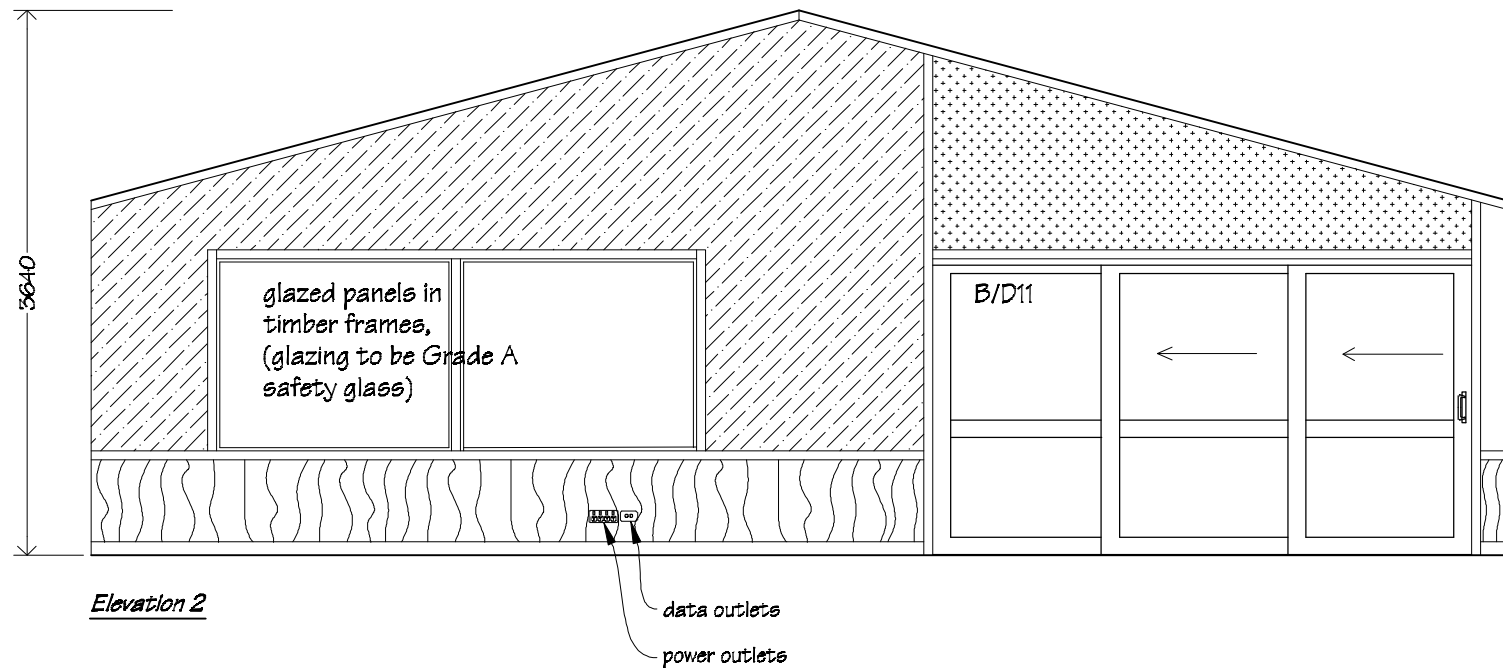
*Do not scale from drawings.  
Check all dimensions on site.*

**Key**

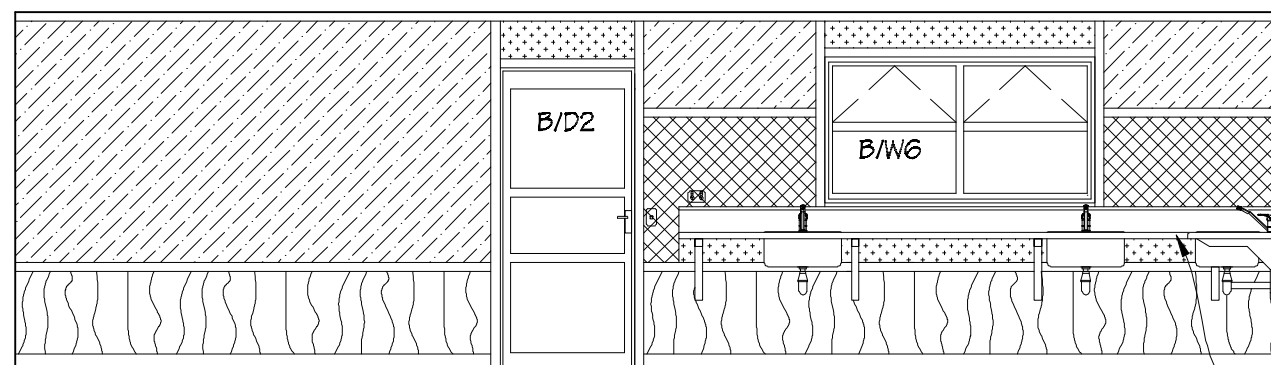
	Autex Composition Board over Gib Board.		4.5mm James Hardie HardiGlaze Smooth wall lining.
	9mm ply wood, clear finished.		Painted Gib Board.



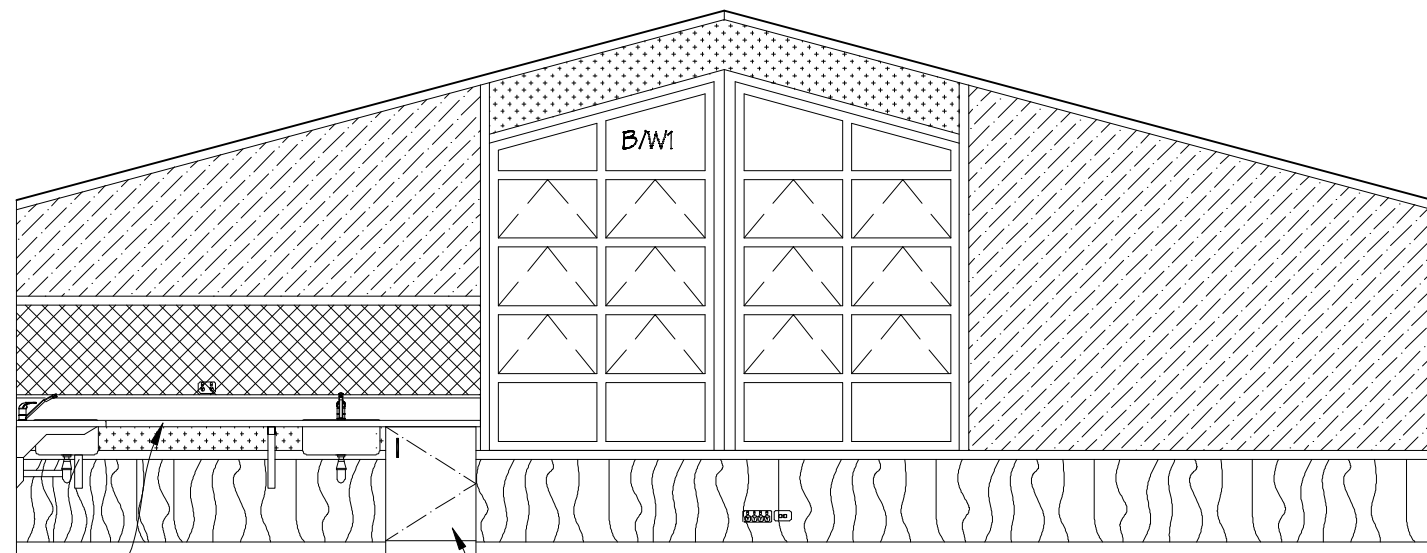
**Elevation 1**



**Elevation 2**




**Elevation 3**



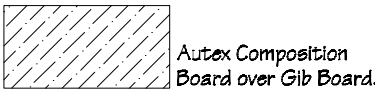
**Elevation 4**

**NOTE**  
Drawing to be read in conjunction  
with Typical Interior Elevation  
Set-out drawing on sheet # G.08

**Painting:**  
Allow to paint Gib Board wall linings, clear finish timber  
skirtings, architraves, scotias and dado rails.

 IR Group Ltd <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  Block B; Teaching Space 1 Interior Elevations	REVISIONS <table><tr><th>No</th><th>Date</th><th>Description</th></tr><tr><td> </td><td> </td><td> </td></tr></table>	No	Date	Description				Scale 1:50	Pricing/Building Consent Drawings  <i>Do not scale from drawings. Check all dimensions on site.</i>
	No					Date	Description						
	Mobile- Ian 021-427.347					Date 26/5/2016							
	Mobile- Stephen 027-3355889					Original sheet size A3							
Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a> <a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a>	Drawn S. T.												
Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>	Sheet No B.31												

Key



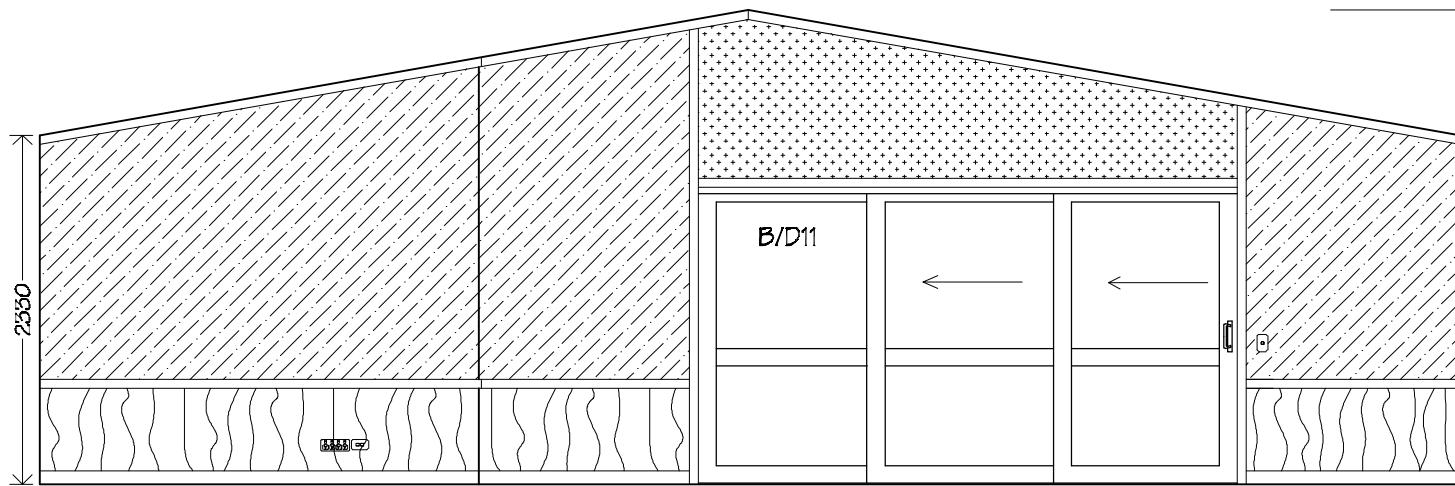
Autex Composition  
Board over Gib Board.



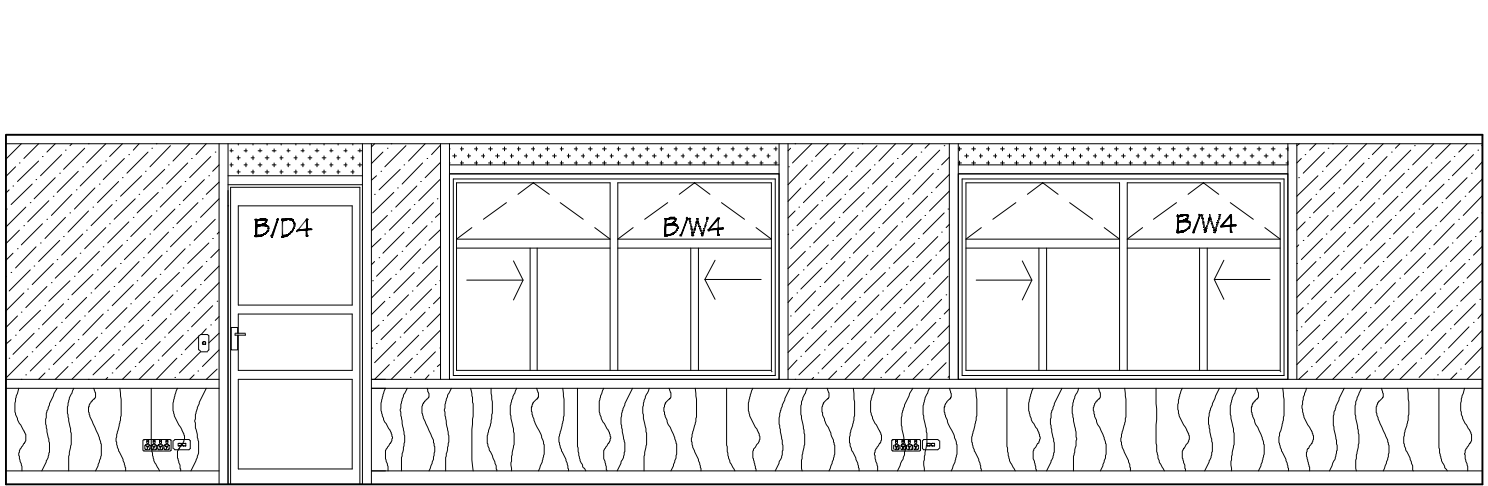
9mm ply wood, clear  
finished.



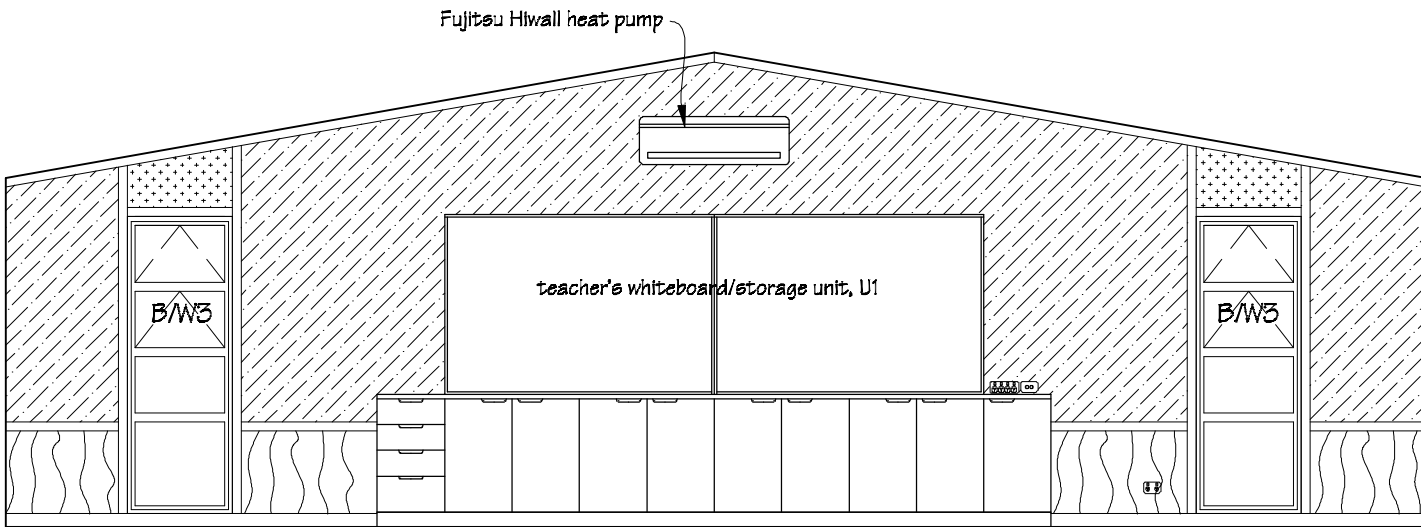
Painted Gib Board.



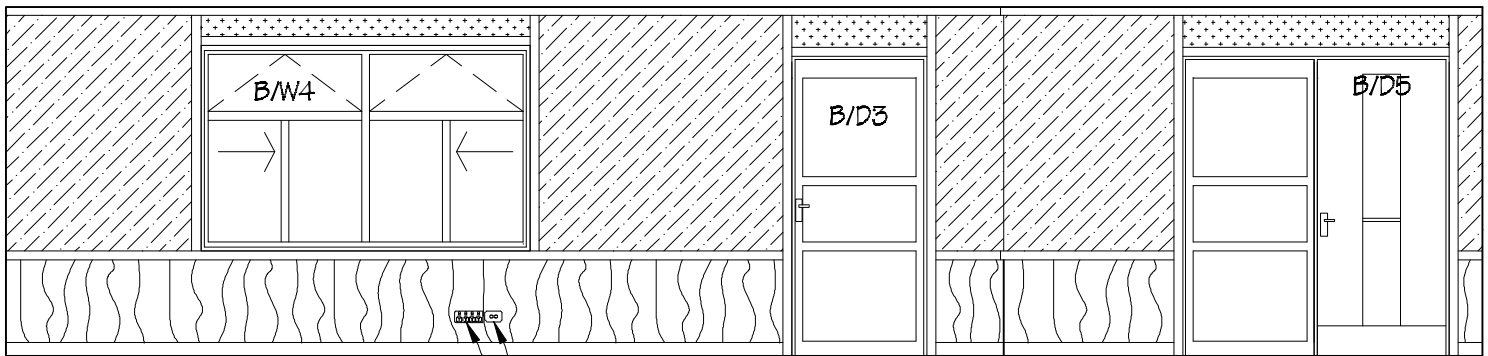
Elevation 1



Elevation 2



Elevation 3




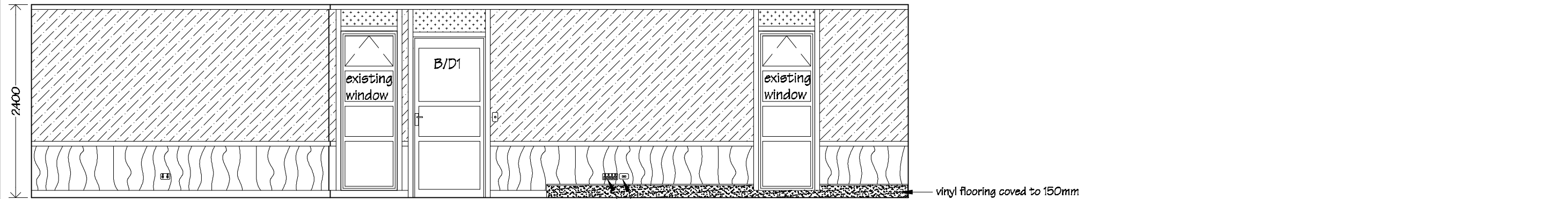
Elevation 4

data outlets  
power outlets

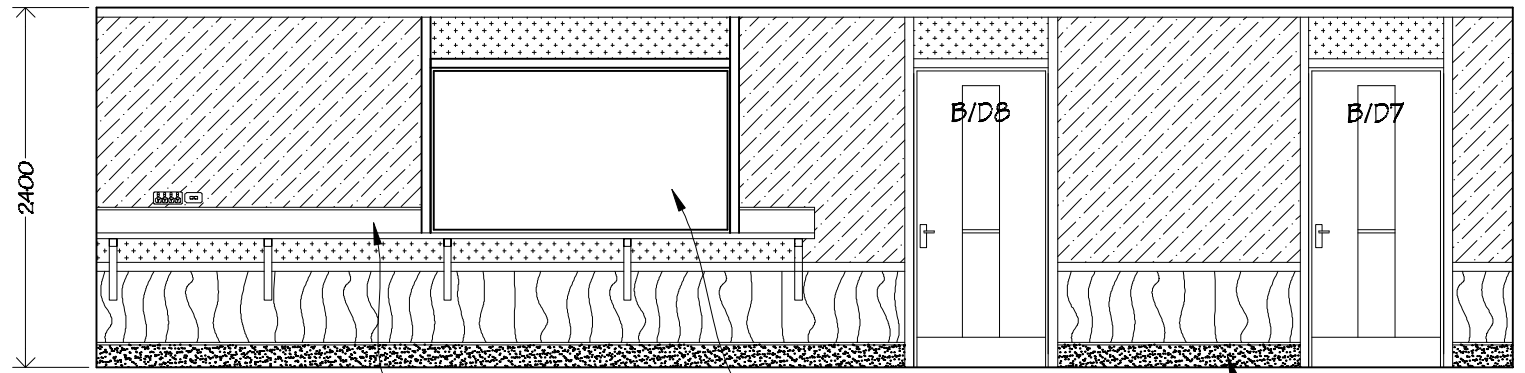
NOTE  
Drawing to be read in conjunction  
with Typical Interior Elevation  
Set-out drawing on sheet # G.08

Painting:  
Allow to paint Gib Board wall lining, clear finish timber  
skirtings, architraves, scotias, dado rails.

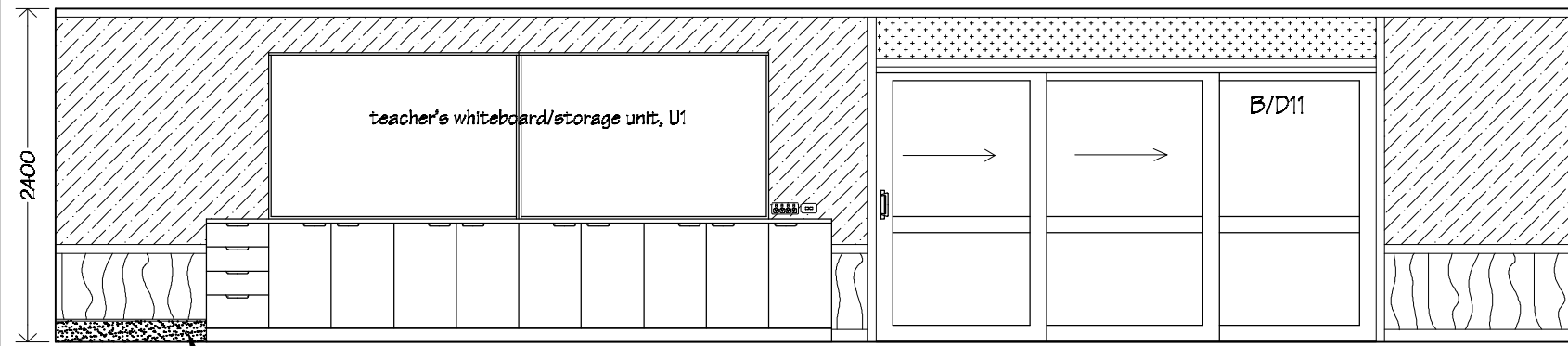
 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT	DRAWING TITLE	REVISIONS	Scale	1:50	Pricing/Building Consent Drawings						
	Mobile- Ian 021-427.347		Roll Growth Classrooms	Block B; Teaching Space 2 Interior Elevations	<table><tr><th>No</th><th>Date</th><th>Description</th></tr><tr><td> </td><td> </td><td> </td></tr></table>	No	Date		Description				Date	26/5/2016
	No					Date	Description							
	Mobile- Stephen 027-3355889					Original sheet size	A5							
Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a>	Drawn	S. T.												
Web- <a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a>	<a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>				Sheet No	B.32	Do not scale from drawings. Check all dimensions on site.							
						52								



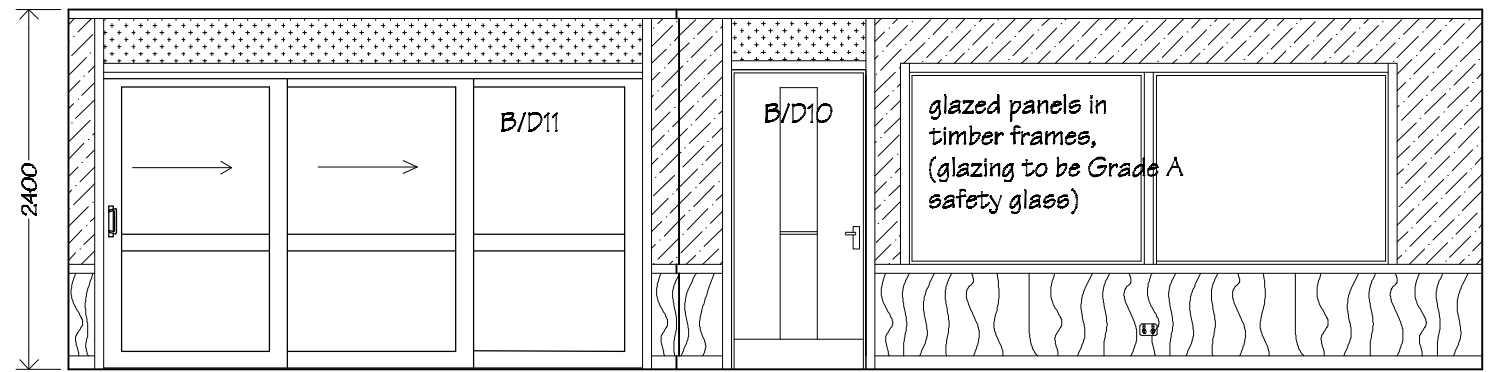
Elevation 1



Elevation 2



Elevation 3



Elevation 4

Key


Autex Composition Board over Gib Board.

9mm ply wood, clear finished.

Painted Gib Board.

NOTE  
Drawing to be read in conjunction with Typical Interior Elevation  
Set-out drawing on sheet # G.08

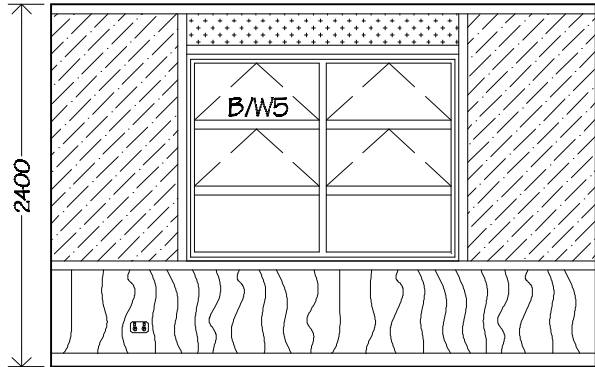
Painting:  
Allow to paint Gib Board wall linings, clear finish timber skirtings, architraves, scotias, dado rails, new interior doors & frames.

 IR Group Ltd <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  Block B; Teaching Space 3 Interior Elevations	REVISIONS <small>No Date Description</small>	Scale	1:50	Pricing/Building Consent Drawings
	Mobile- Ian 021-427.347					Date	26/5/2016	
	Mobile- Stephen 027-3355889					Original sheet size	A5	
	Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a>					Drawn	S. T.	
	<a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a>					Sheet No	B.33	
	Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>					53		

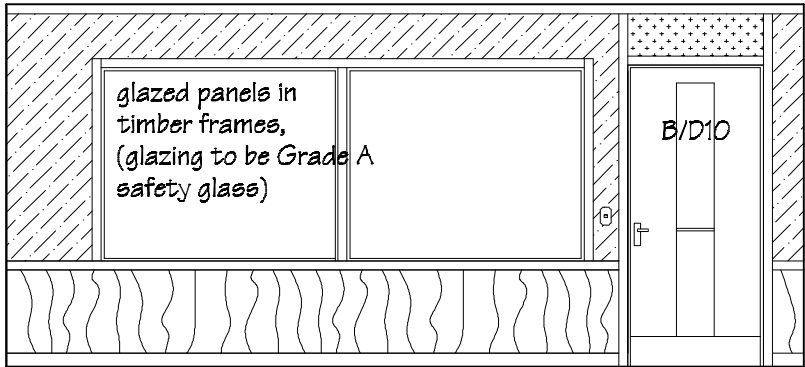
Key



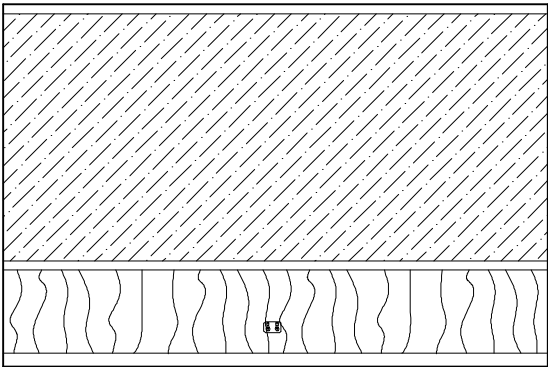
Quiet Space Interior Elevations



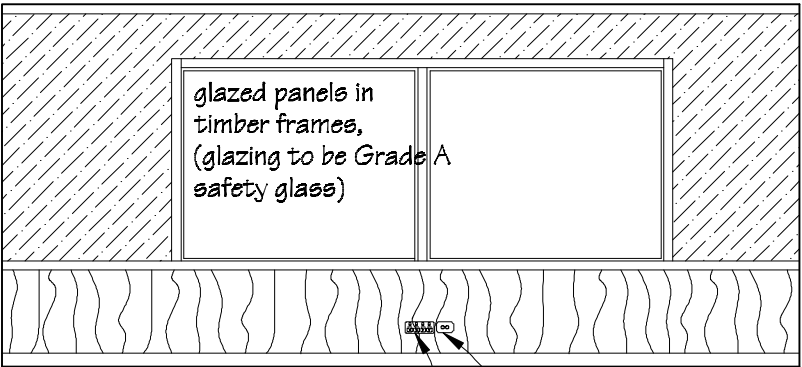
Elevation 1



Elevation 2



Elevation 3

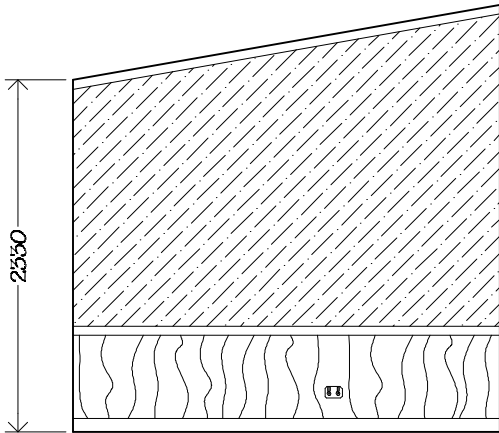


Elevation 4

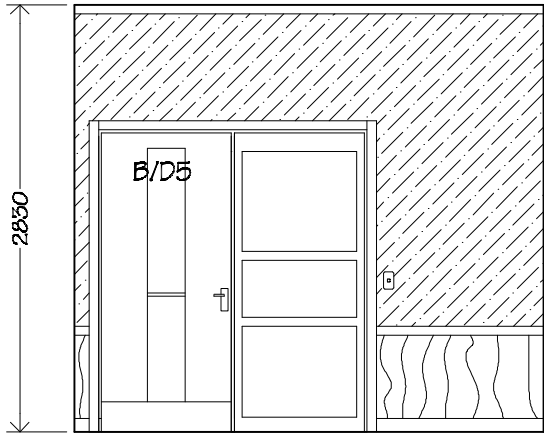
NOTE  
Drawing to be read in conjunction  
with Typical Interior Elevation  
Set-out drawing on sheet # G.07

Painting:  
Allow to paint: Gib Board wall linings as shown, clear  
finish timber skirtings, architraves, scotias, dado rails,  
new interior doors & frames.

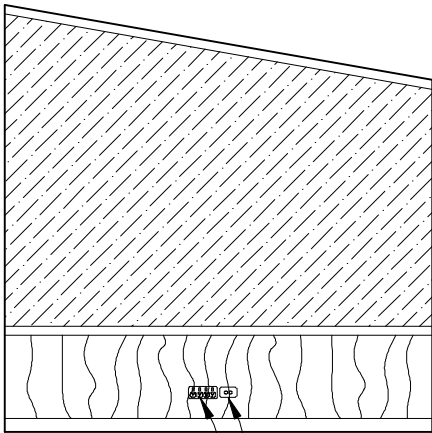
Teacher's Work Space Interior Elevations



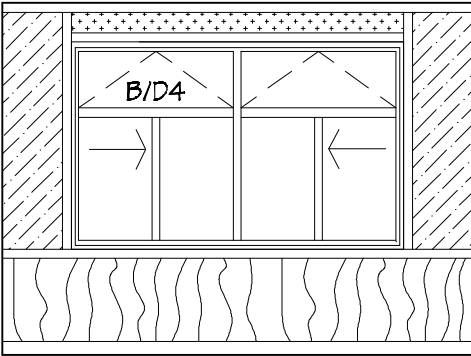
Elevation 1



Elevation 2




Elevation 3

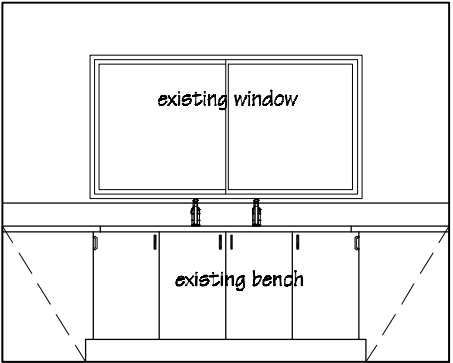


Elevation 4

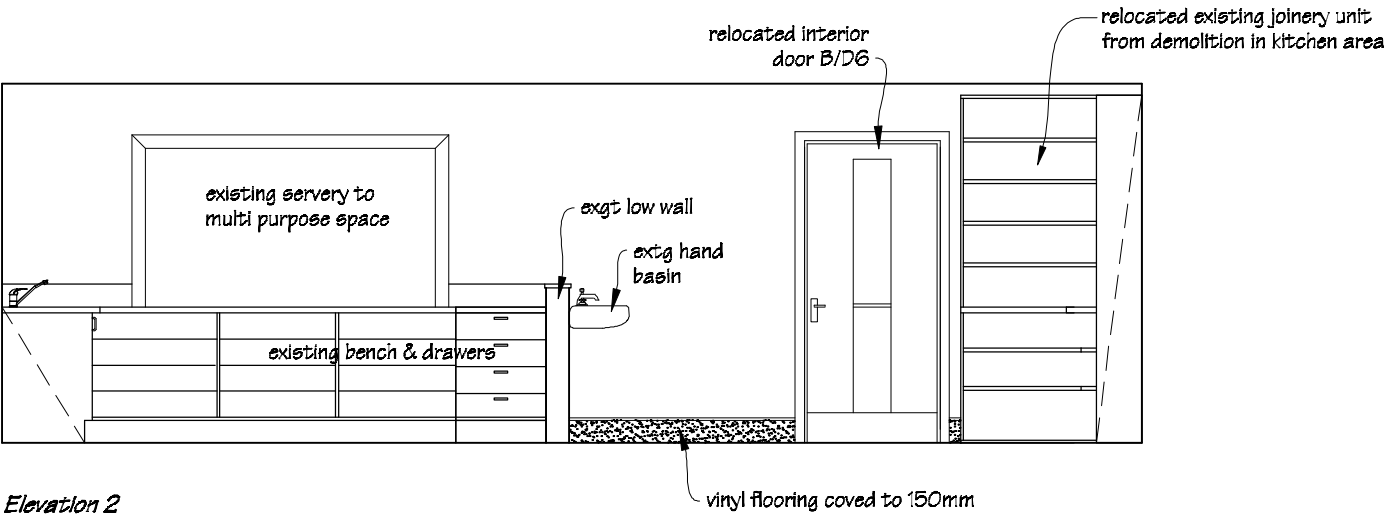
NOTE  
Drawing to be read in conjunction  
with Typical Interior Elevation  
Set-out drawing on sheet # G.08

Painting:  
Allow to paint: Gib Board wall linings, clear finish timber  
skirtings, architraves, scotias, dado rails, new interior  
doors & frames.

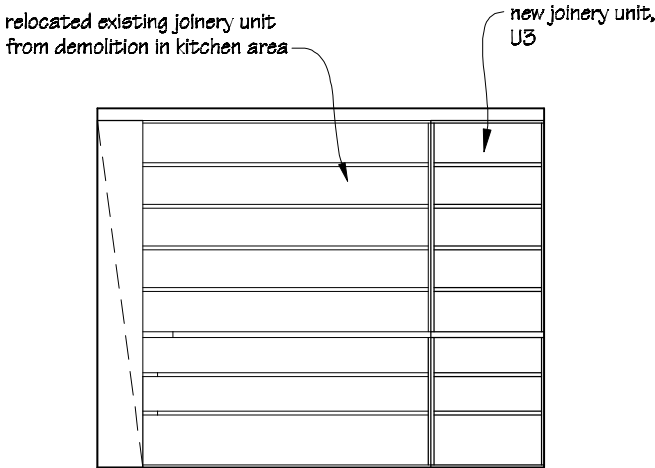
 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711 Mobile- Ian 021-427.347 Mobile- Stephen 027-3355889 Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a> <a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a> Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT	DRAWING TITLE	REVISIONS	Scale	1:50	Pricing/Building Consent Drawings
			Roll Growth Classrooms	Block B; Quiet Space & Teacher's Work Space Interior Elevations	<u>No</u> <u>Date</u> <u>Description</u>	Date 26/5/2016 Original sheet size A3 Drawn S.T. Sheet No B.54 54	<i>Do not scale from drawings. Check all dimensions on site.</i>	



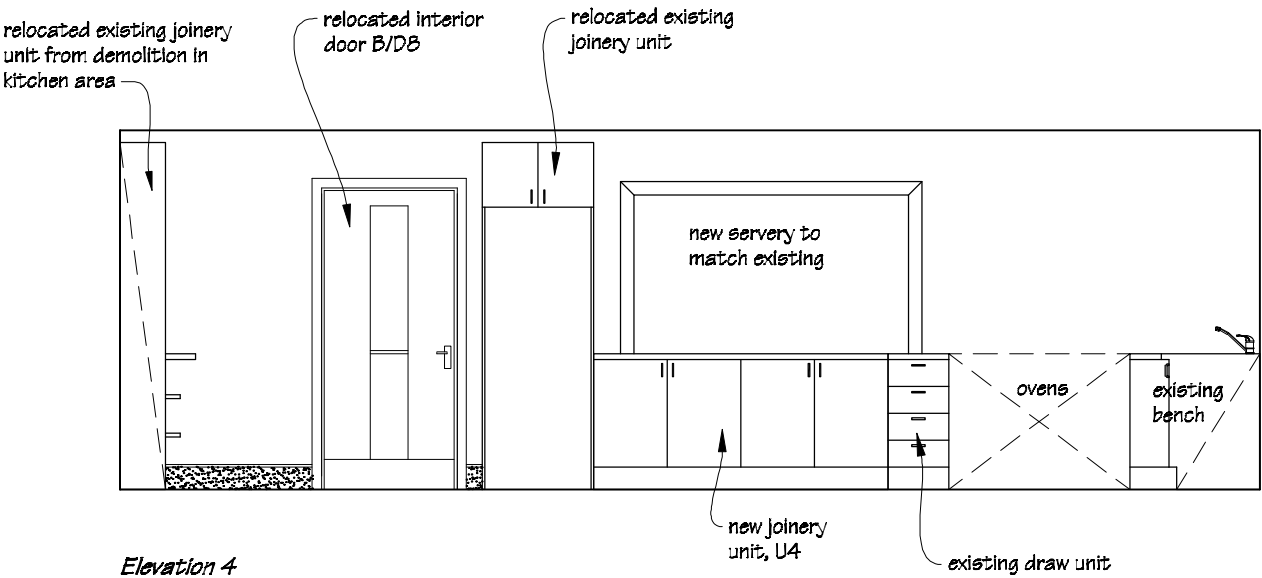
Elevation 1



Elevation 2




Elevation 3

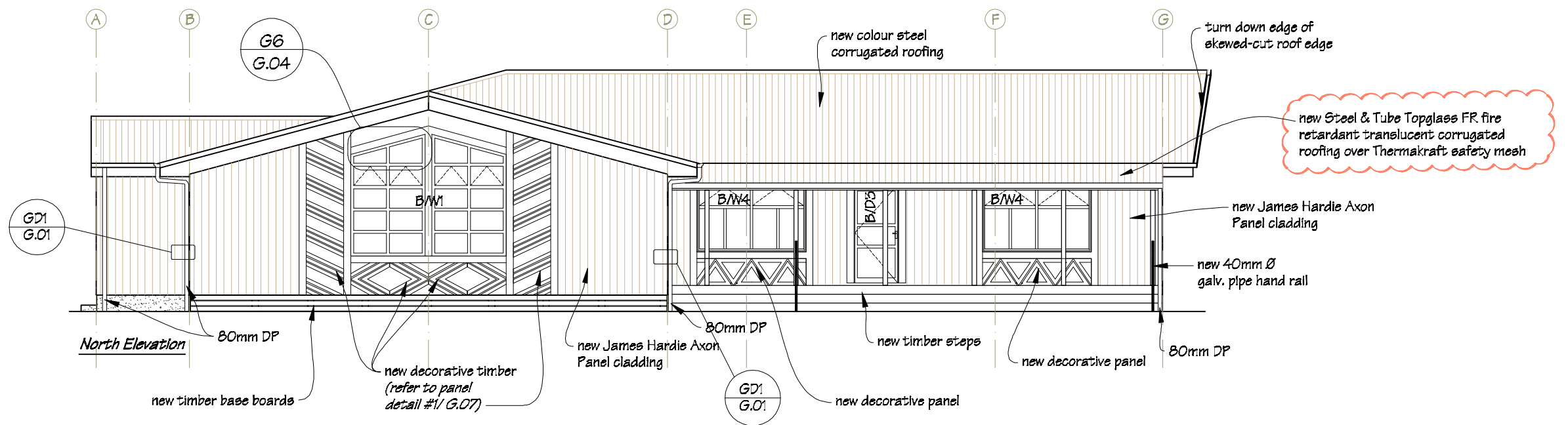
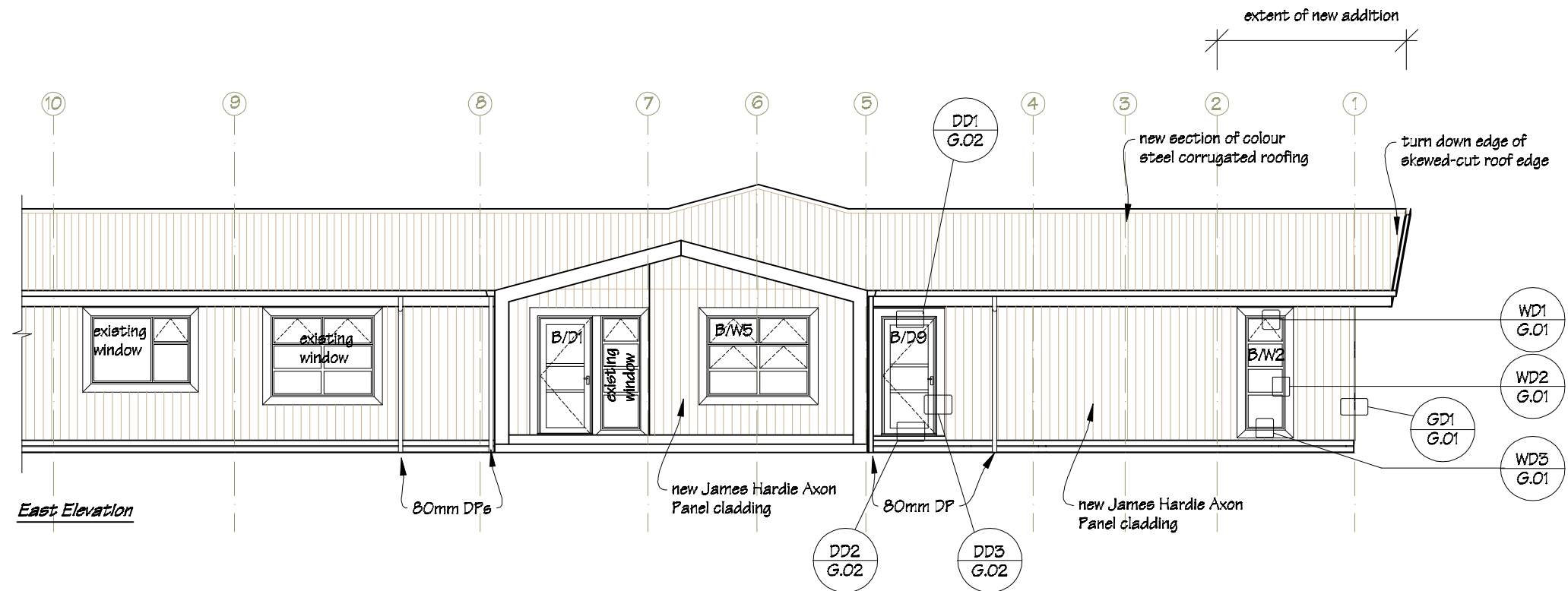


Elevation 4

**Notes:**  
Allow to make good walls, ceilings & areas affected by demolition.


**Painting:**  
Allow to paint walls & ceiling.  
Allow to clear finish new & existing timber trim through out.

 IR Group Ltd <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT	Block B; Kitchen Interior Elevations	REVISIONS	Scale 1:50	Pricing/Building Consent Drawings
	Mobile- Ian 021-427.347		Roll Growth Classrooms		<u>No</u> <u>Date</u> <u>Description</u>	Date 26/5/2016	
	Mobile- Stephen 027-3355889				Original sheet size A3		
	Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a>				Drawn S.T.		
	<a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a>				Sheet No B.35		
Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>					55	<i>Do not scale from drawings. Check all dimensions on site.</i>	



**NOTE:**  
Details DD1, DD2, DD3, WD1, WD2 & WD3  
are to apply to all new door & window  
flashings.

**PAINTING  
NEW WORK ONLY**  
Allow to paint new exterior cladding, new timber  
base boards, eaves linings, fascia boards, barge  
boards, timber window & door facings, decorative  
panels and miscellaneous timber trim.  
Paint colours to match existing.

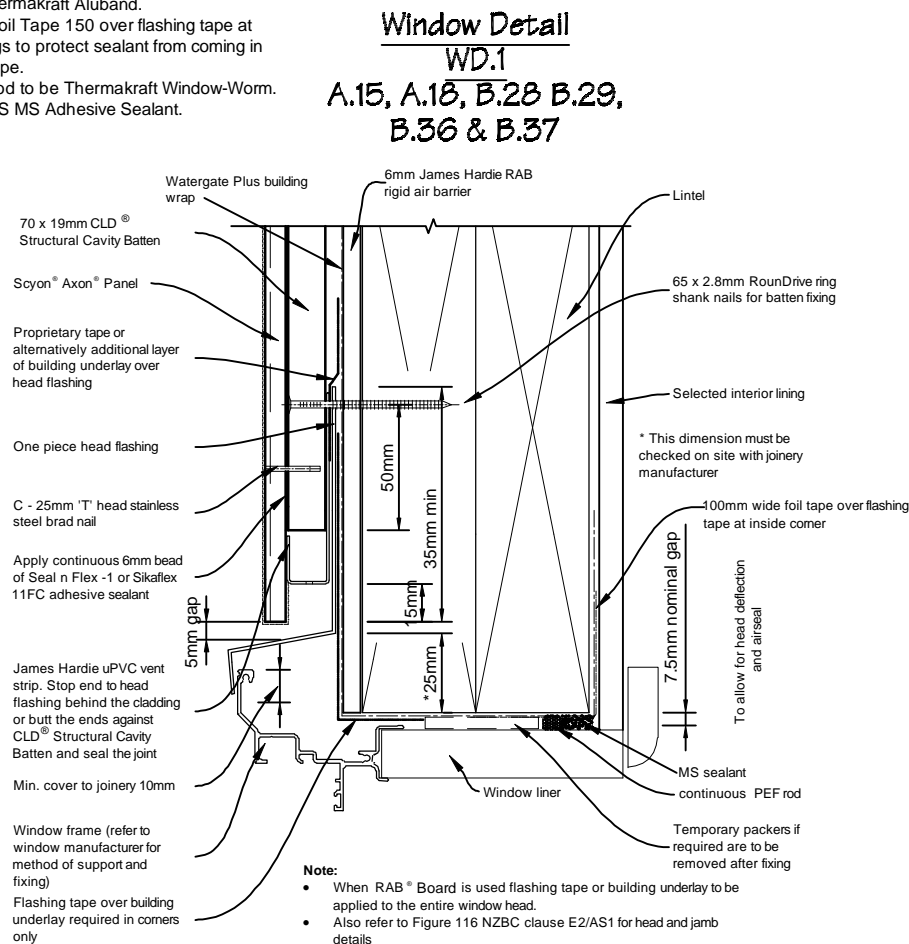
 <b>IR Group Ltd</b> <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  Block B; Proposed Exterior Elevations 1	REVISIONS <i>No Date Description</i>	Scale	1:100	Pricing/Building Consent Drawings
	Mobile- Ian 021-427.347					Date	26/5/2016	
	Mobile- Stephen 027-3355889					Original sheet size	A3	
	Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a>					Drawn	S. T.	
	<a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a>					Sheet No	B.36	
	Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>						56	



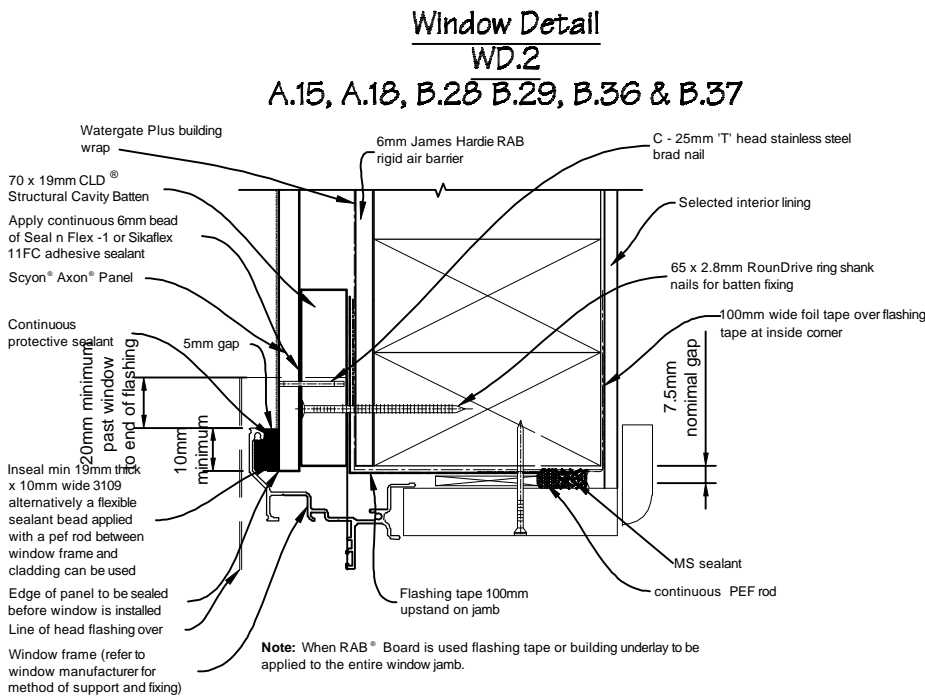
Typical Window Flashing Details  
for new & reused existing windows.

NOTES:

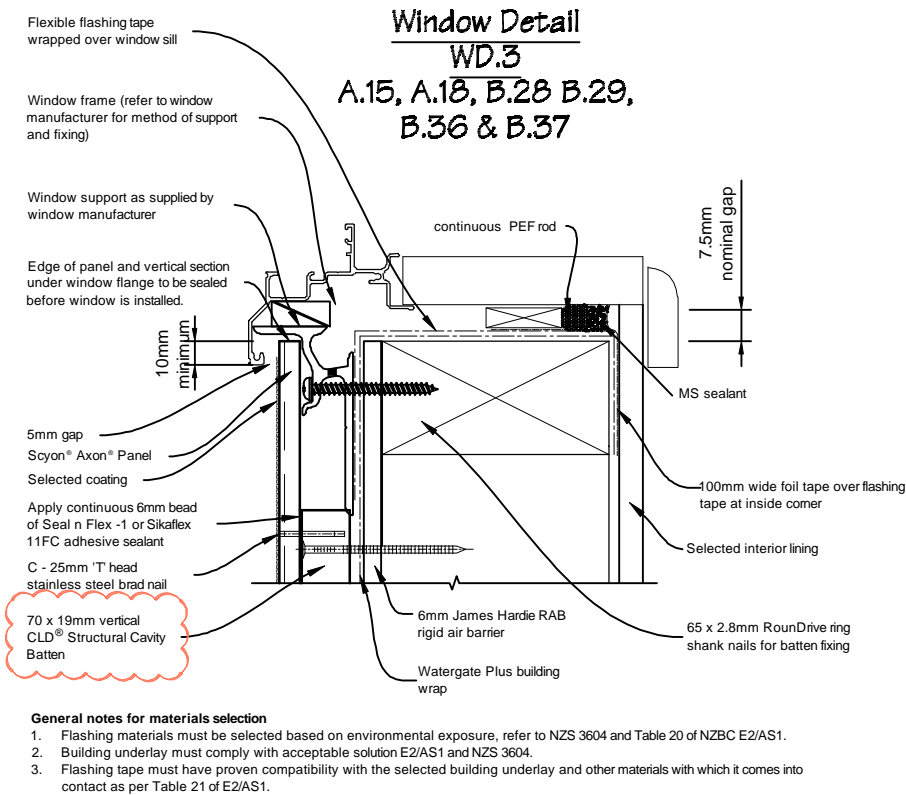
- Flashing tape to be Thermakraft Aluband.
- Provide Thermakraft Foil Tape 150 over flashing tape at inside edge of openings to protect sealant from coming in contact with flashing tape.
- PEF air seal backing rod to be Thermakraft Window-Worm.
- MS sealant to be ADOS MS Adhesive Sealant.



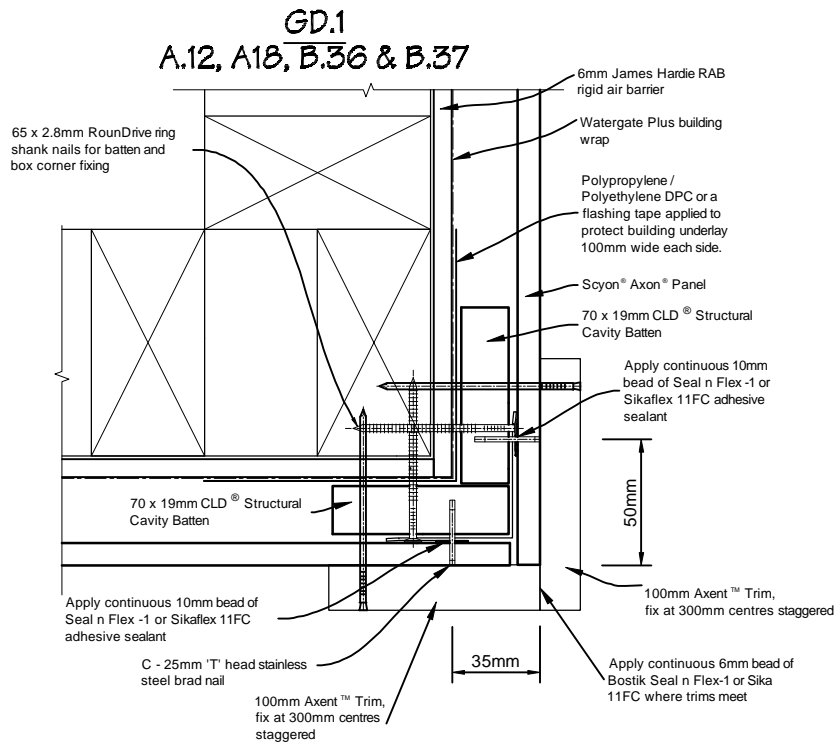
**Window Head**



**Window Jamb**



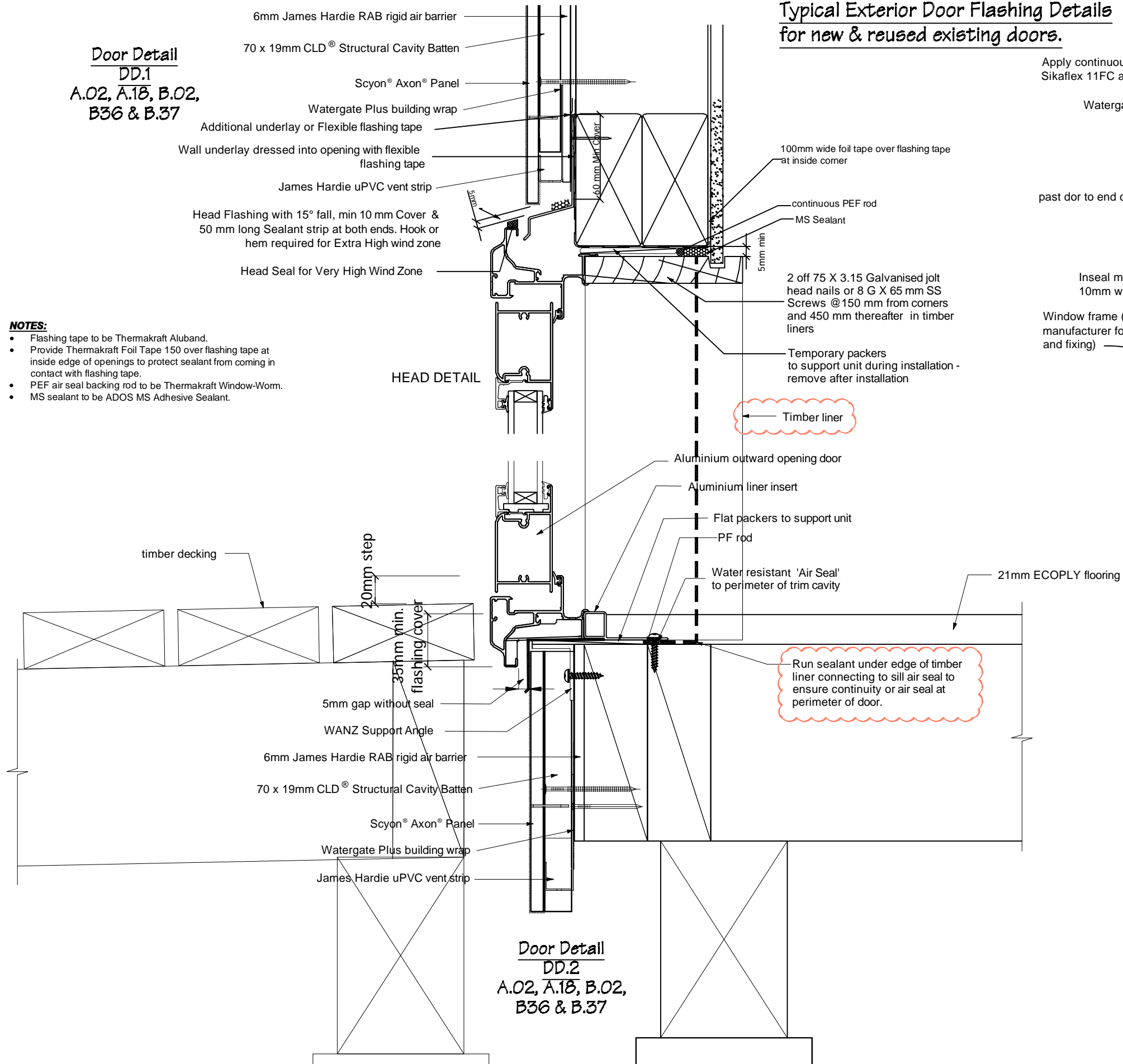
**Window Sill**



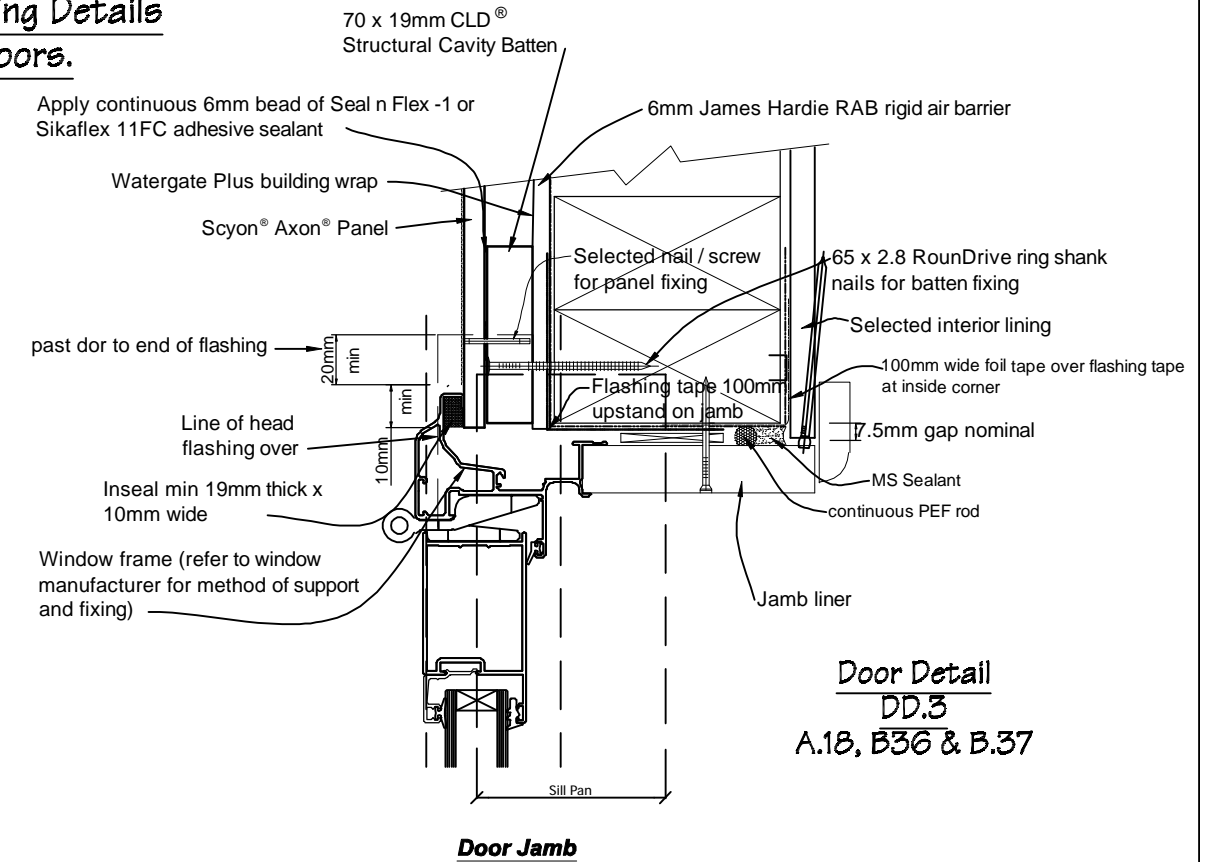
**External Corner**

 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711 Mobile- Ian 021-427,347 Mobile- Stephen 027-3355889 Email- <a href="mailto:ian@irgroup.co.nz">ian@irgroup.co.nz</a> <a href="mailto:steve@irgroup.co.nz">steve@irgroup.co.nz</a> Web- <a href="http://www.irgroup.co.nz">www.irgroup.co.nz</a>	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT Roll Growth Classrooms	DRAWING TITLE Typical Window & Corner Flashing Details 1	REVISIONS No Date Description	Scale	1:3	Pricing/Building Consent Drawings  Do not scale from drawings. Check all dimensions on site.
						Date	26/5/2016	
						Original sheet size	A3	
						Drawn	S. T.	
						Sheet No	G.01	

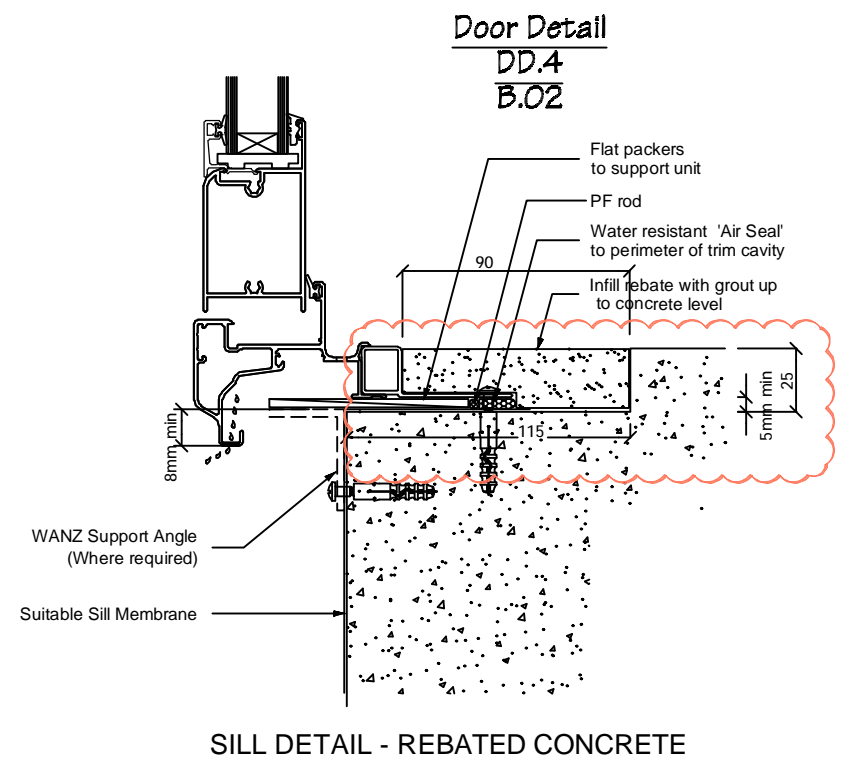
**Door Detail**  
**DD.1**  
**A.02, A.18, B.02,**  
**B36 & B.37**




**Typical Exterior Door Flashing Details**  
**for new & reused existing doors.**



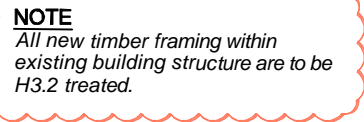
**Door Detail**  
**DD.3**  
**A.18, B36 & B.37**



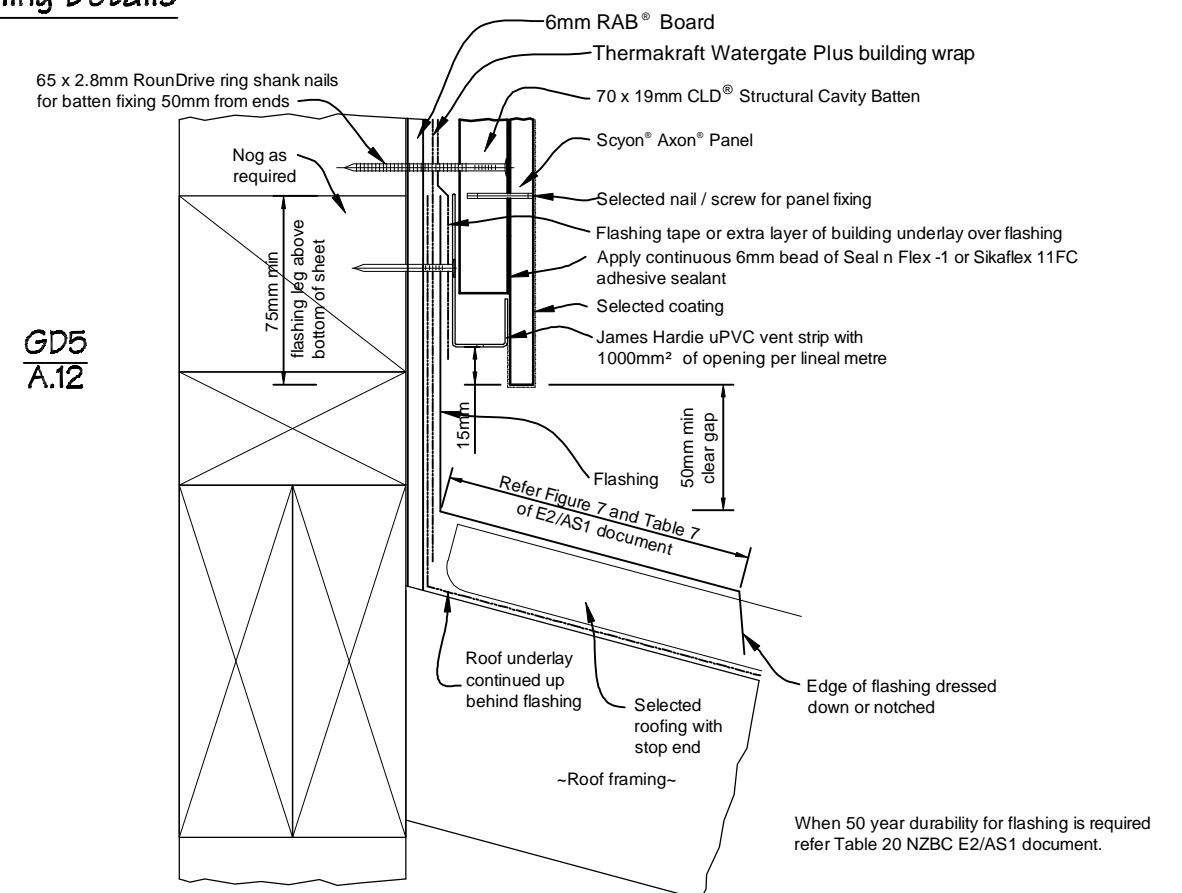
**Door Detail**  
**DD.4**  
**B.02**

 <p>IR Group Ltd Design - Project Management - Planning</p>	<p>Phone- Office 04 526-7711 Mobile- Ian 021-427,347 Mobile- Stephen 027-3355889 Email- ian@irgroup.co.nz steve@irgroup.co.nz Web- www.irgroup.co.nz</p>	<p><b>TKKM O Tamaki Nui A Rua</b> <b>36 Makirakiri Road</b> <b>Dannevirke</b></p>	<p><b>PROJECT</b> <b>Roll Growth Classrooms</b></p>	<p><b>DRAWING TITLE</b> <b>Typical Door Flashing</b> <b>Details 2</b></p>	<p><b>REVISIONS</b> No Date Description</p>	<p><b>Scale</b> 1:3 <b>Date</b> 26/5/2016 <b>Original sheet size</b> A5 <b>Drawn</b> S.T. <b>Sheet No</b> G.02 59</p>	<p><b>Pricing/Building Consent</b> <b>Drawings</b> <i>Do not scale from drawings.</i> <i>Check all dimensions on site.</i></p>
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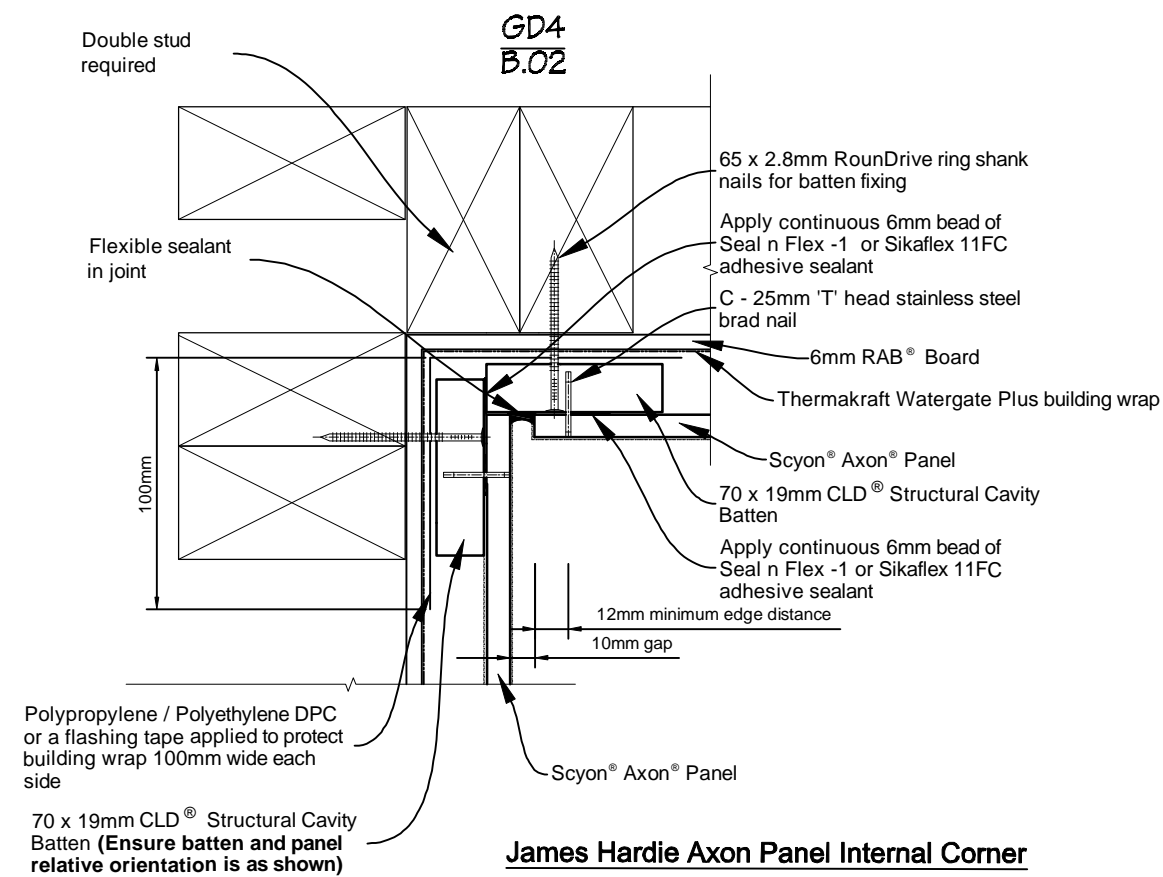
GD3  
B.02



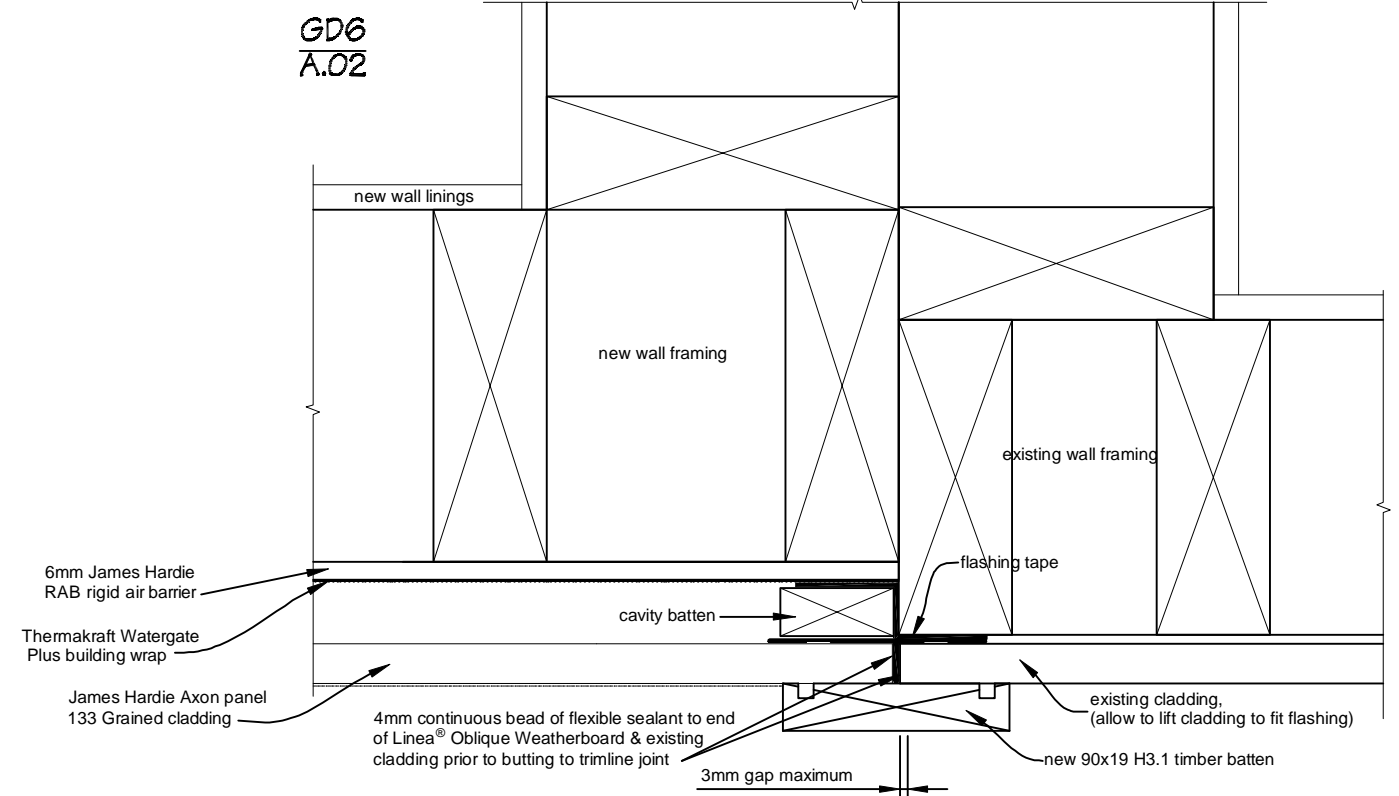
**James Hardie Axon Panel Internal  
Corner / Existing Corner Detail**



### One Piece Apron Flashing Joint

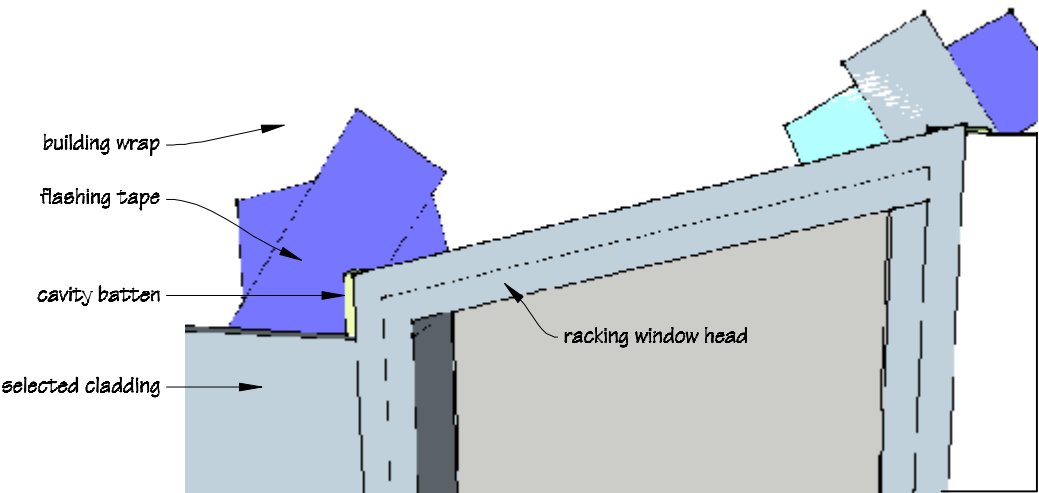


### James Hardie Axon Panel Internal Corner

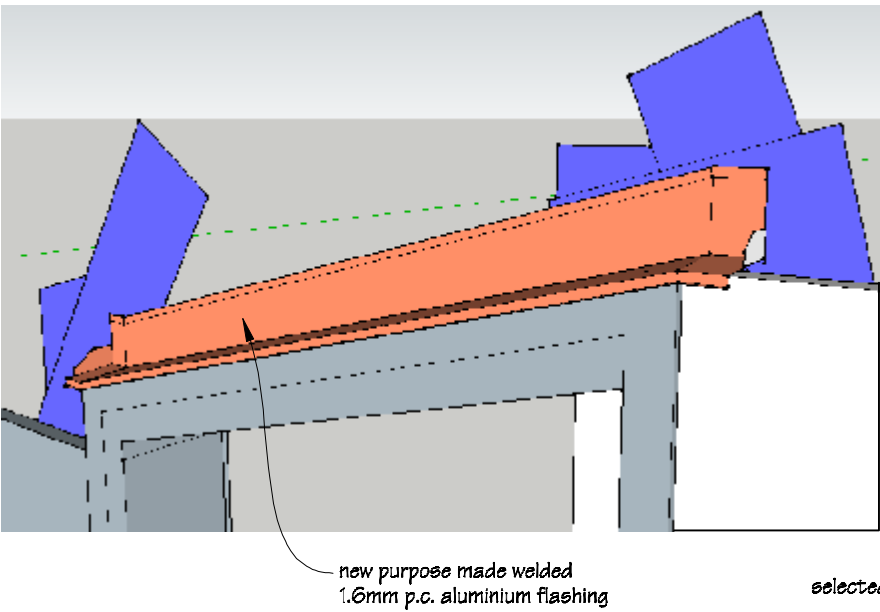


Typical Racking Flashing Detail  
G.6  
B.29 & B.36  
N.T.S.

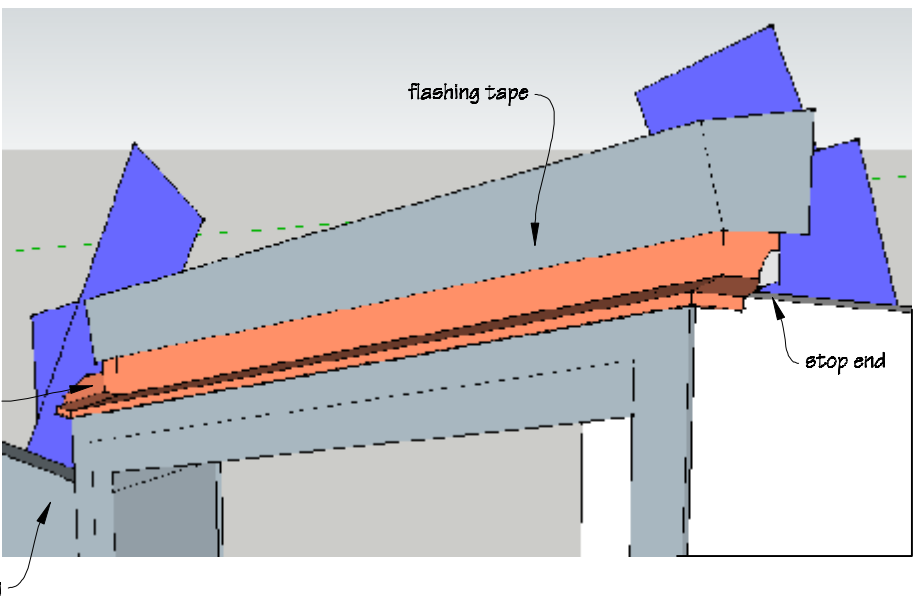
Detail 1



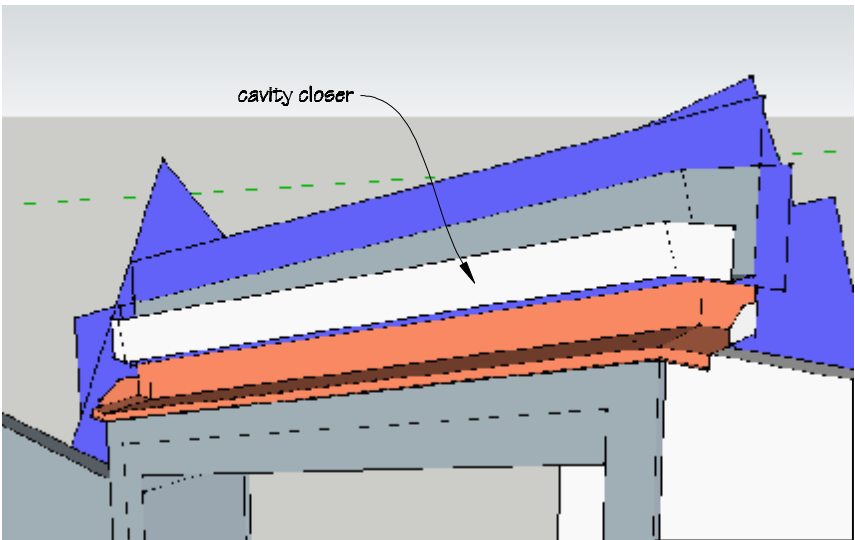
Detail 2



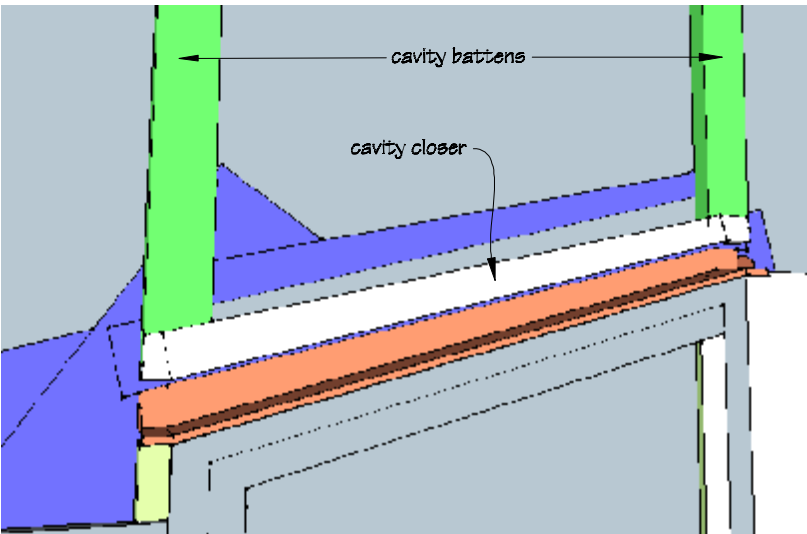
Detail 3



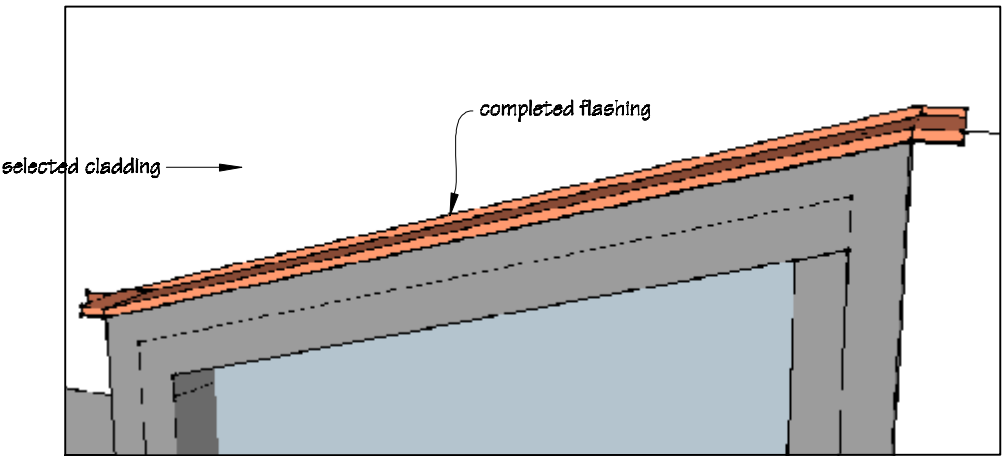
Detail 4



Detail 5

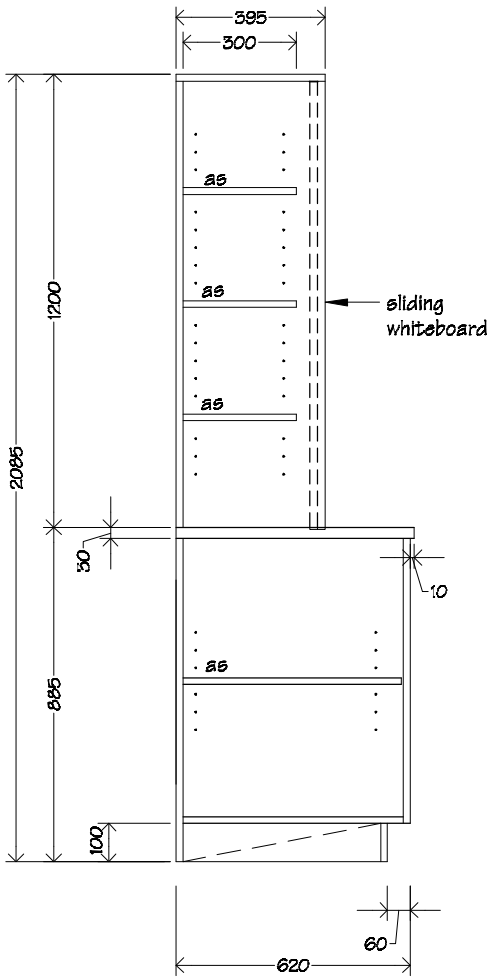


Detail 6

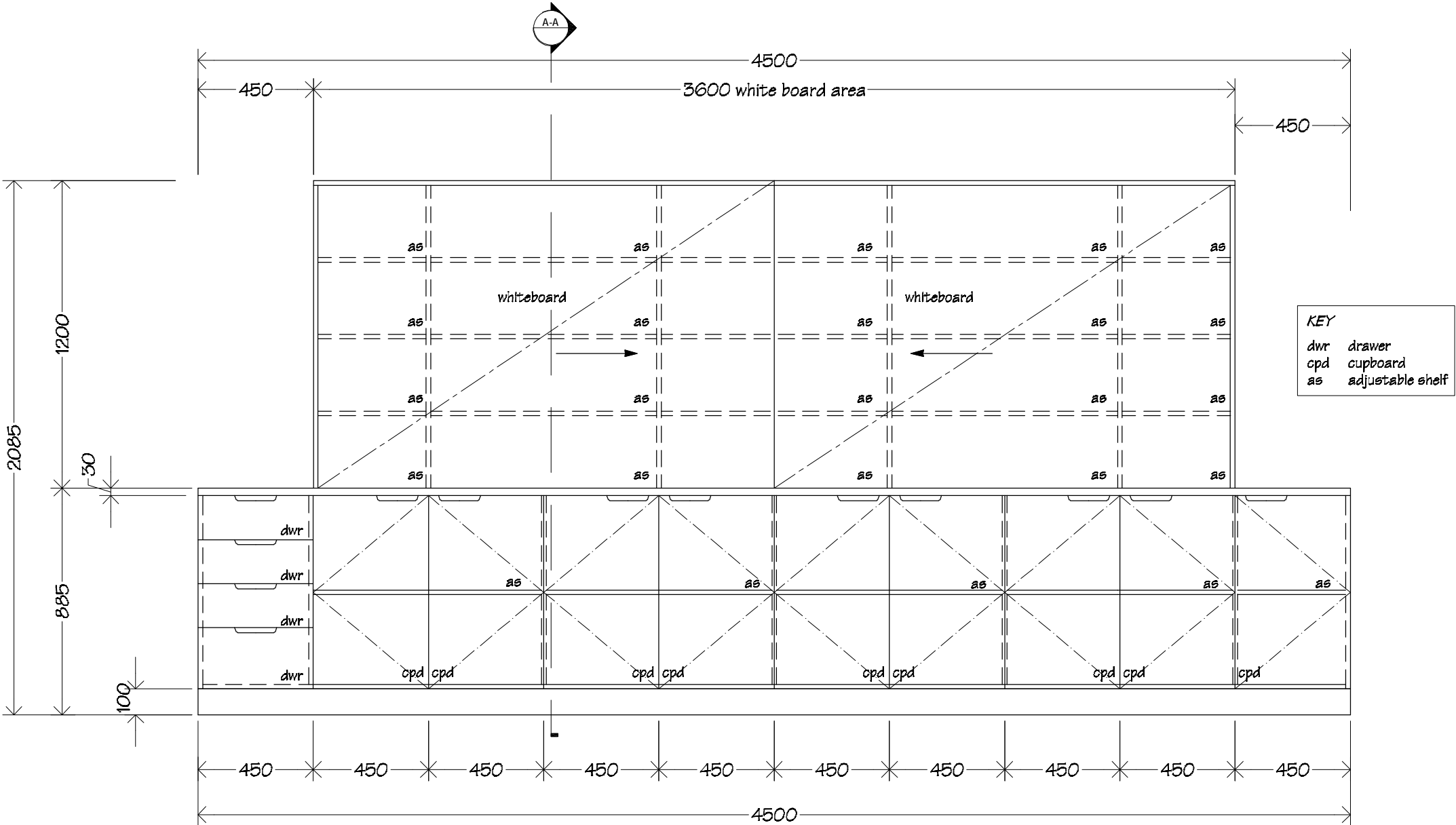


Teacher's Whiteboards Storage Unit, U1

4 off  
scale 1:20



Cross Section A-A



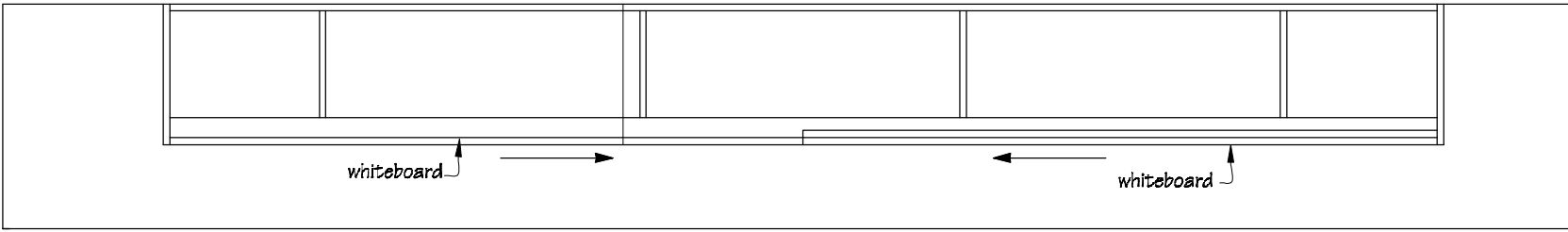
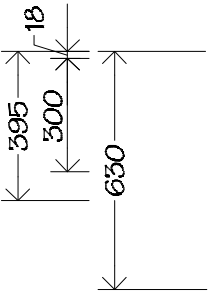
KEY	
dwr	drawer
cpd	cupboard
as	adjustable shelf


**NOTES:**  
Whiteboards to be Boyd Visuals cabinet slider;  
2x sliding whiteboards with TT180 headguide  
channel & TT182 and TT183 base track.

Unit carcass, shelving & doors to be 18mm  
double sided Melteca with 3mm PVC edging,  
back to be 12mm single sided Melteca, top to  
be 30mm single sided Melteca.

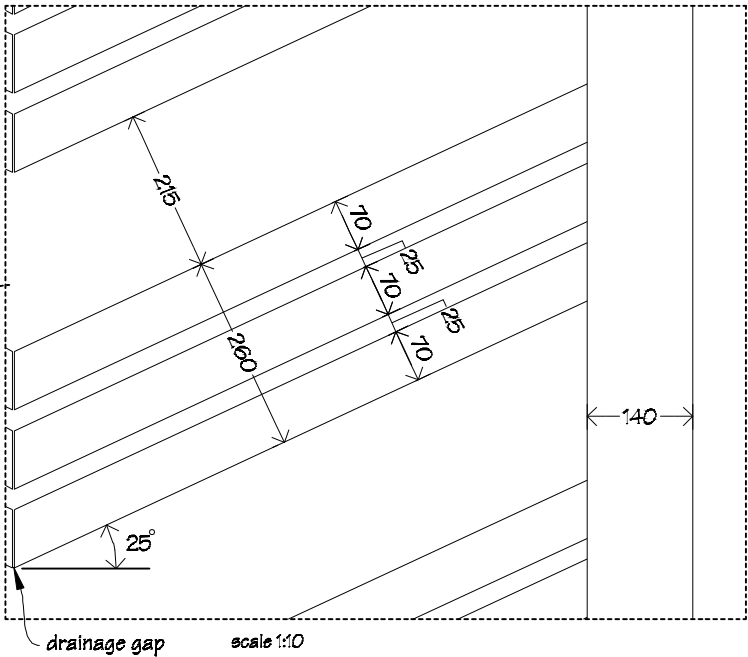
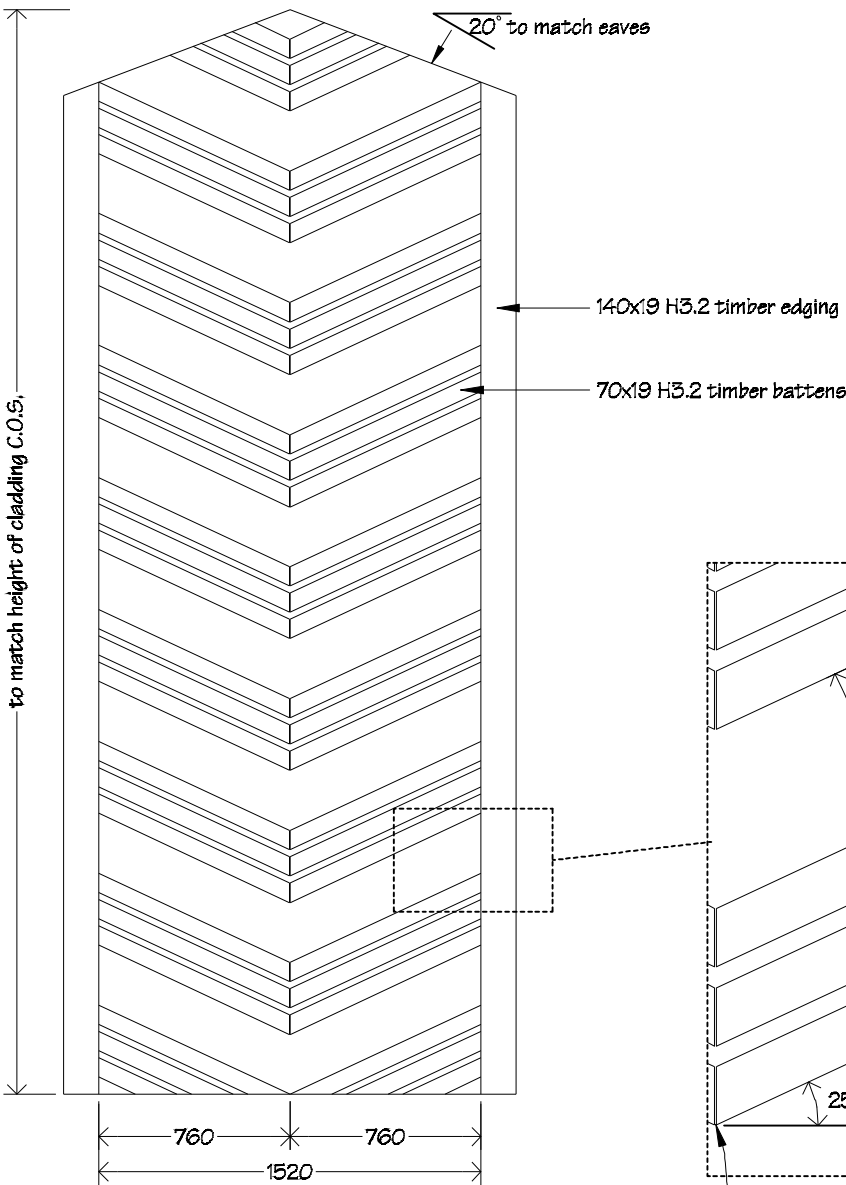
Doors to be fitted with one pair of concealed  
"Grass", or similar, self closing hinges.

Joinery colours to be advised.



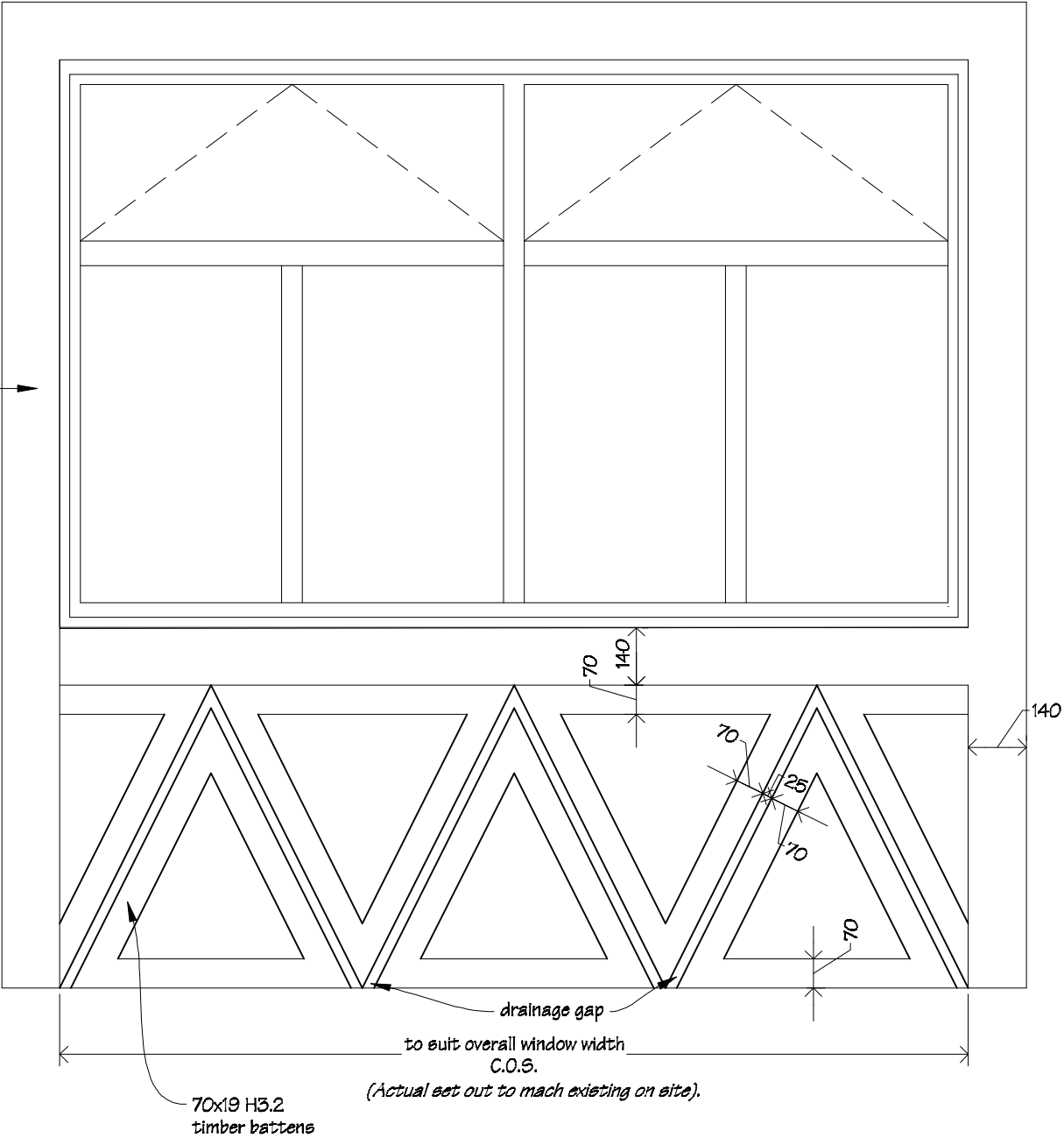
 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT	DRAWING TITLE	REVISIONS	Scale	1:20	Pricing/Building Consent Drawings
	Mobile- Ian 021-427.347		Roll Growth Classrooms	Block A & Block B; Teacher's Whiteboard/Storage Unit Details	No Date Description	Date	26/5/2016	
	Mobile- Stephen 027-3355889				Original sheet size	A5	Do not scale from drawings. Check all dimensions on site.	
	Email- ian@irgroup.co.nz				Drawn	S.T.		
	steve@irgroup.co.nz				Sheet No	G.05		
	Web- www.irgroup.co.nz					62		

Exterior Decorative Panel  
scale 1:50



Exterior Decorative Panel  
scale 1:6

140x19 H3.2  
timber edging



NOTE:  
window shown is indicative only, set out and  
dimensions of panels are to suit windows & sill  
heights from bottom of cladding or from  
timber decks, check on site.

scale 1:20



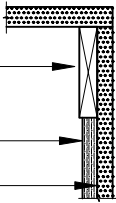
PROJECT
Roll Growth Classrooms

REVISIONS		
No	Date	Description

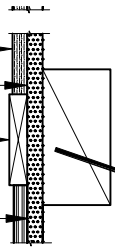
*Do not scale from drawings.*

Typical Interior Elevation Set-out  
scale 1:20

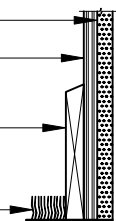
Details  
scale 1:5



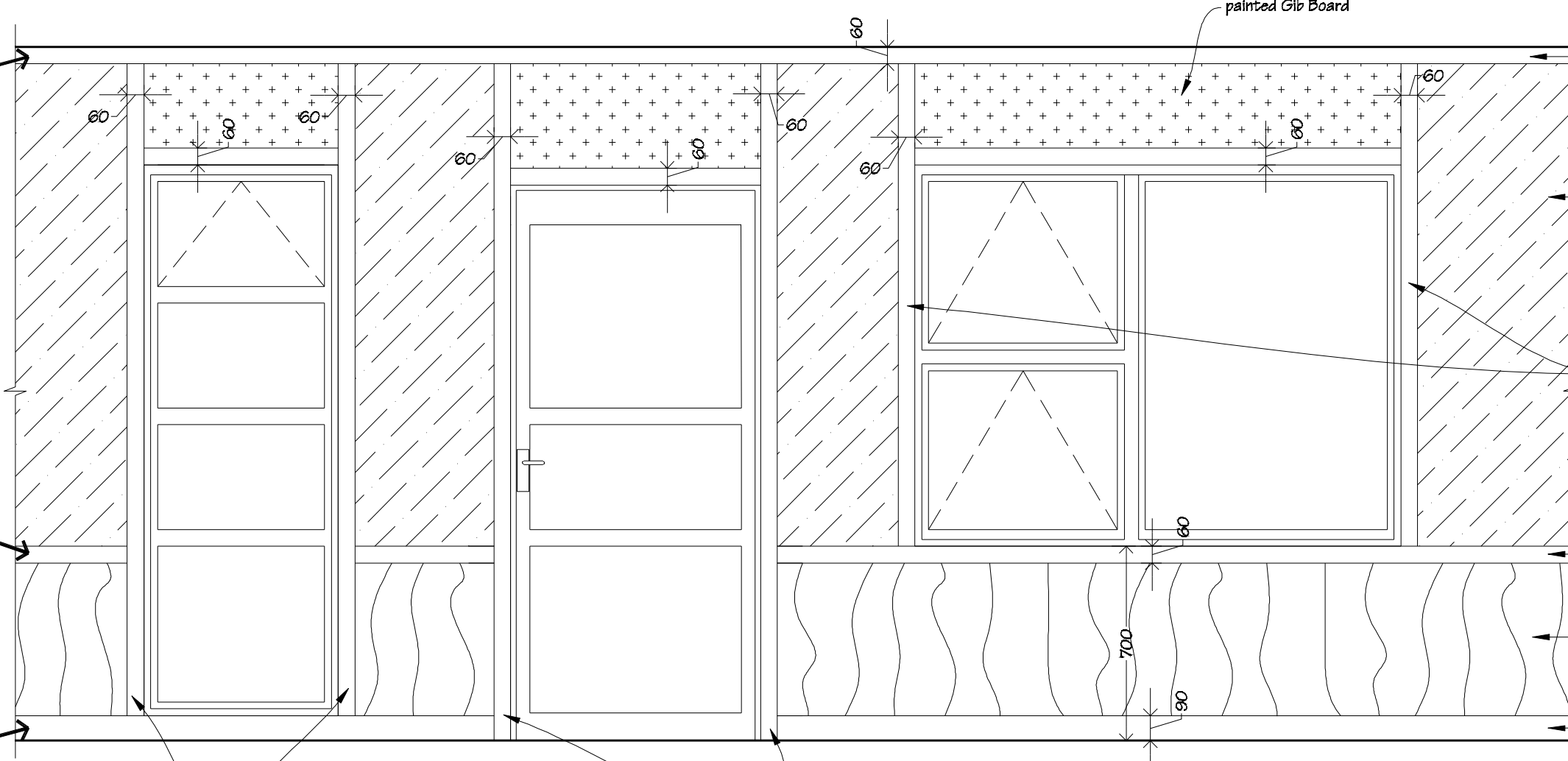
60x12mm pine scotia  
Autex Composition  
board  
Gib Board wall lining



Autex Composition  
board  
Gib Board wall lining  
60x12mm pine dado rail  
9mm plywood



Gib Board wall lining  
9mm plywood  
90x12mm pine  
bevelled skirting  
flooring



- architraves to windows with sill 90mm above floor level to stop at top of skirting

- 60x12mm pine architraves to doors to be full height, floor to scotia, one piece - clear finished.

**NOTE**

The above interior elevation set-out details are typical. New work is to match existing details & are to suit new classroom extension & new classroom addition at Block B, and the new classroom and break-out space at Block A. Check details on site.



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Web- [www.irgroup.co.nz](http://www.irgroup.co.nz)

TKKM O Tamaki Nui A Rua  
36 Makirakiri Road  
Dannevirke

PROJECT

## Roll Growth Classrooms

DRAWING TITLE
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### Typical Interior Elevation Set-out

REVISIONS
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No	Date	Description
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	Scale
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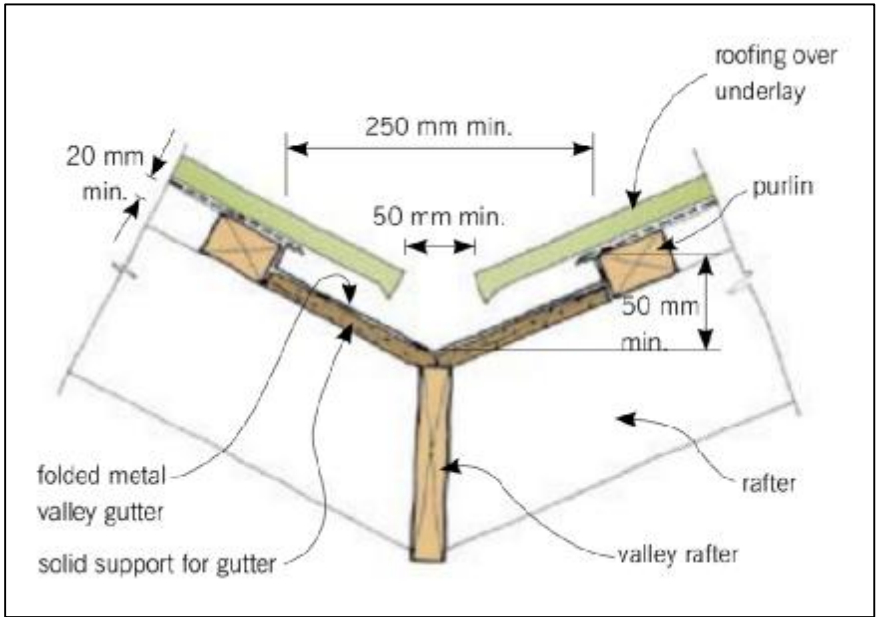
as shown

Date	26/5/2016
Original sheet size	A3
Drawn	S. T.
Sheet No	G.08

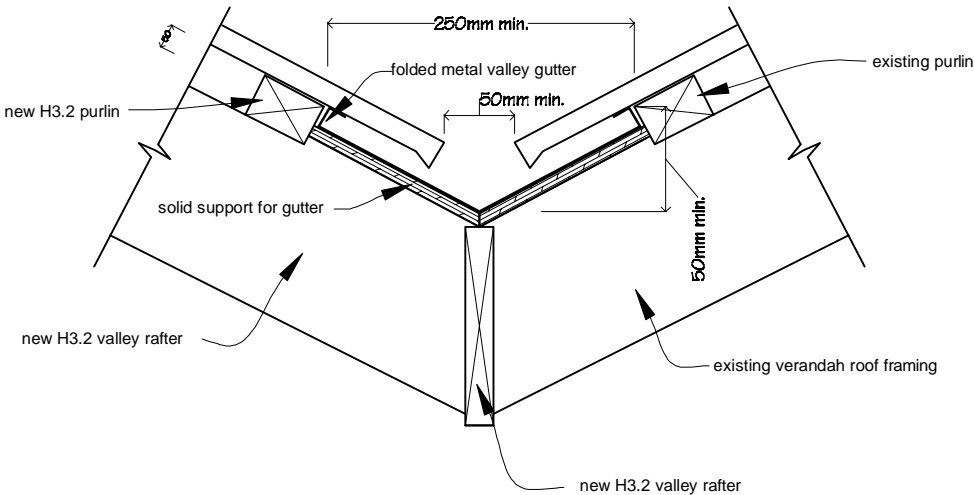
## Pricing/Building Consent Drawings

*Do not scale from drawings.  
Check all dimensions on site.*

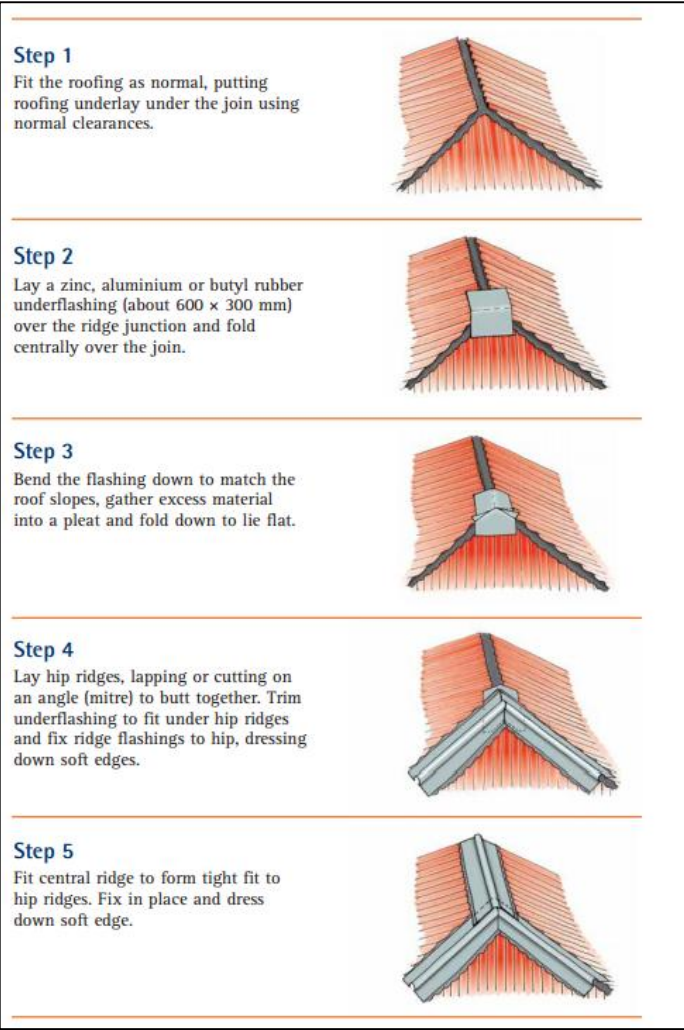
Typical Valley Gutter Detail.  
Roofing Detail - RD.2  
B.10



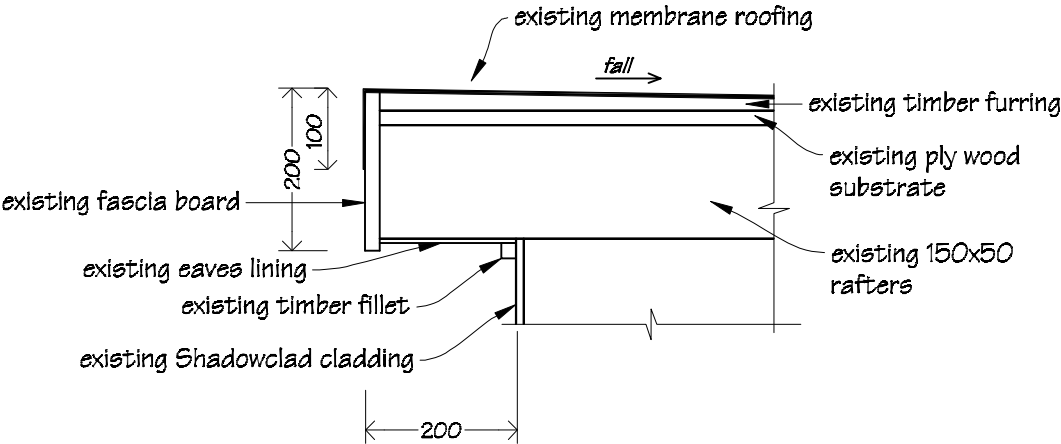
Verandah Valley Gutter Detail.  
Roofing Detail - RD.4  
B.10



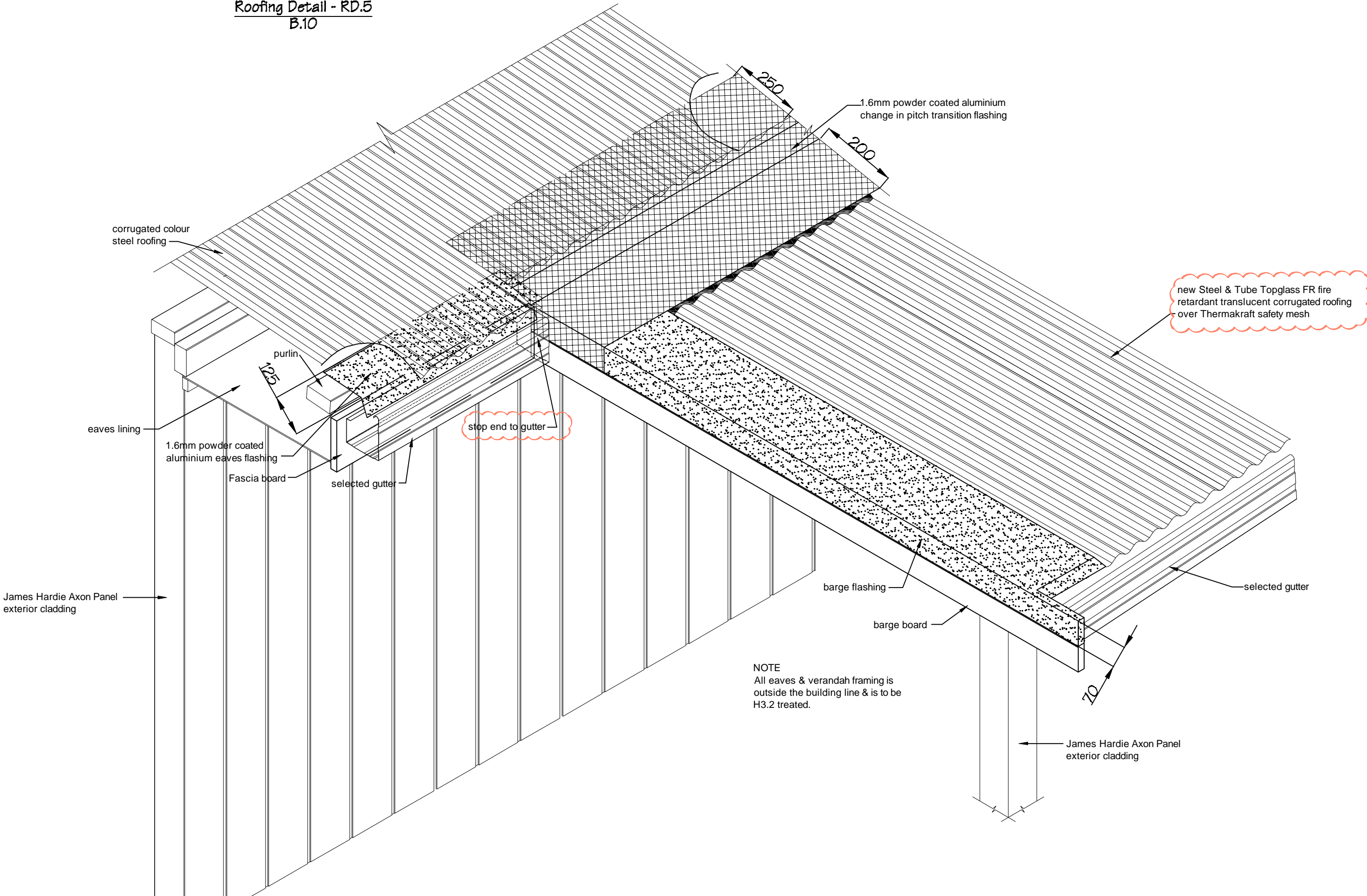
Typical Hip Ridge Detail.  
Roofing Detail - RD.3  
B.10




Roof Detail.  
Roofing Detail - RD.a  
A.05

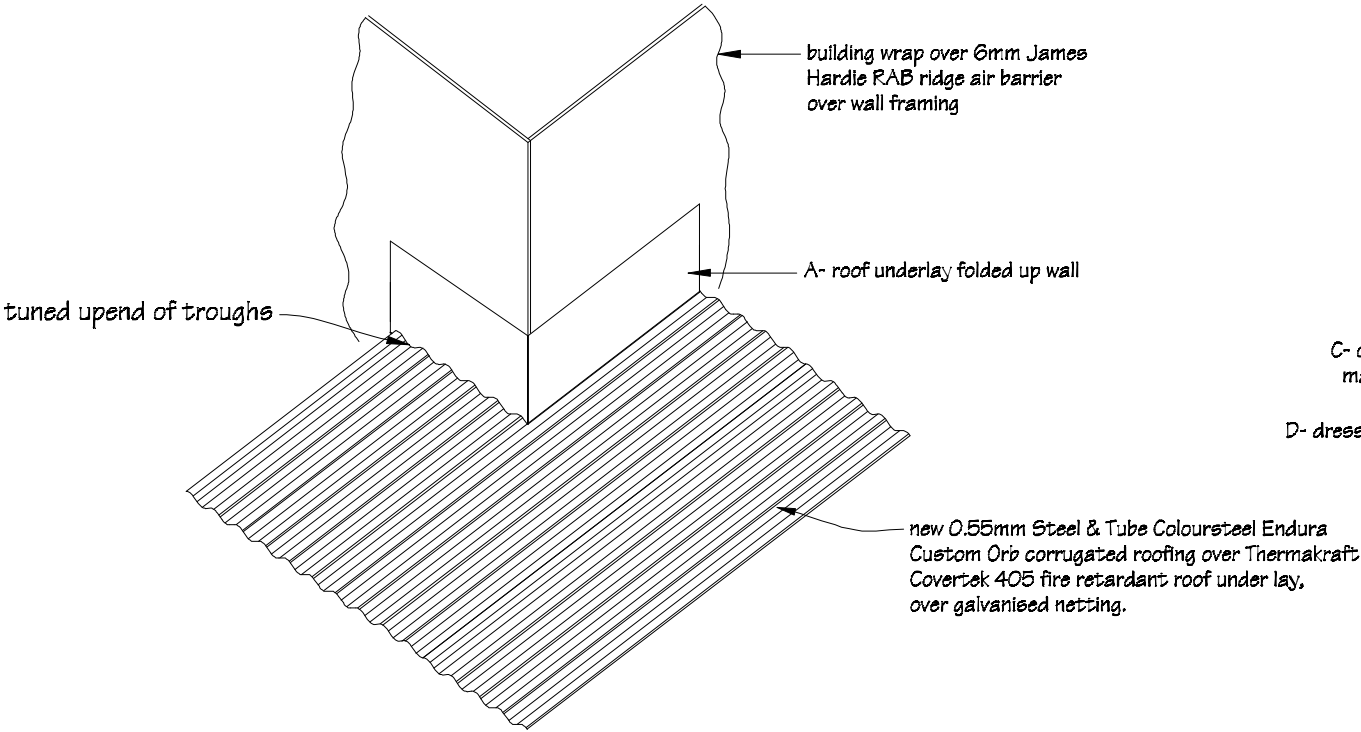


Classroom Roof/Verandah Roof Junction Detail  
Roofing Detail - RD.5  
B.10

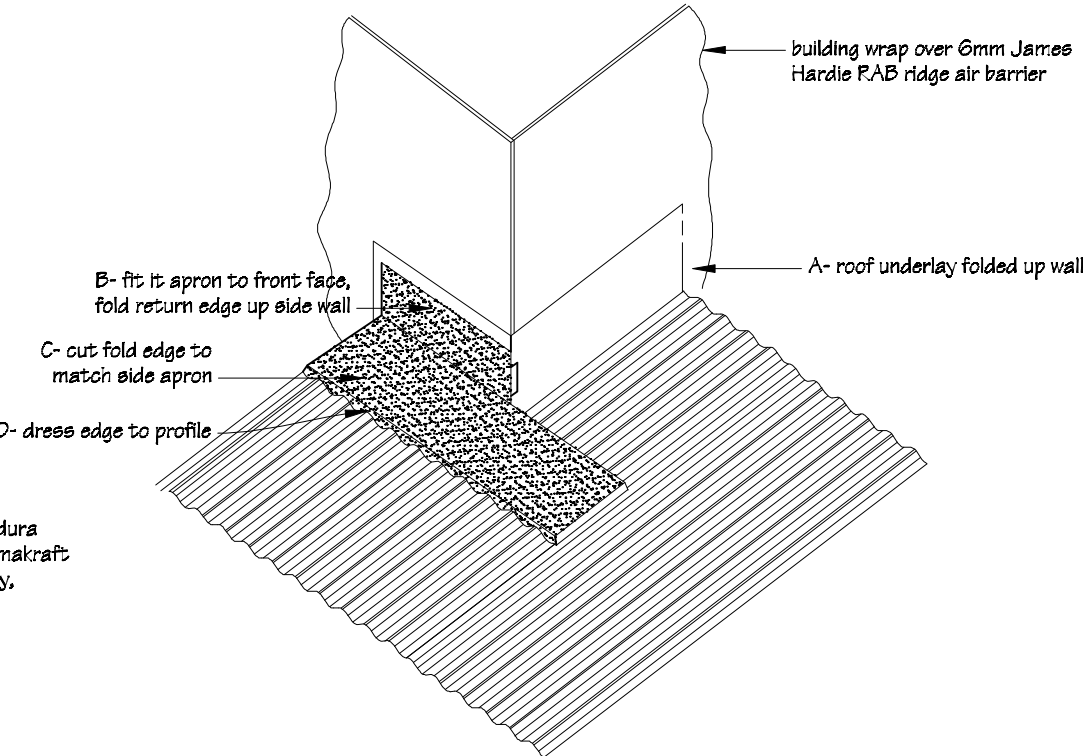


 IR Group Ltd <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  Classroom/Verandah Roof Junction Detail	REVISIONS	Scale 1:10	Pricing/Building Consent Drawings
	Mobile- Ian 021-427.347				No Date Description	Date 26/5/2016	
	Mobile- Stephen 027-3355889					Original sheet size A3	
	Email- ian@irgroup.co.nz					Drawn S.T.	
	steve@irgroup.co.nz					Sheet No G.10	
	Web- www.irgroup.co.nz					Dwg Ref 67	
						Do not scale from drawings. Check all dimensions on site.	

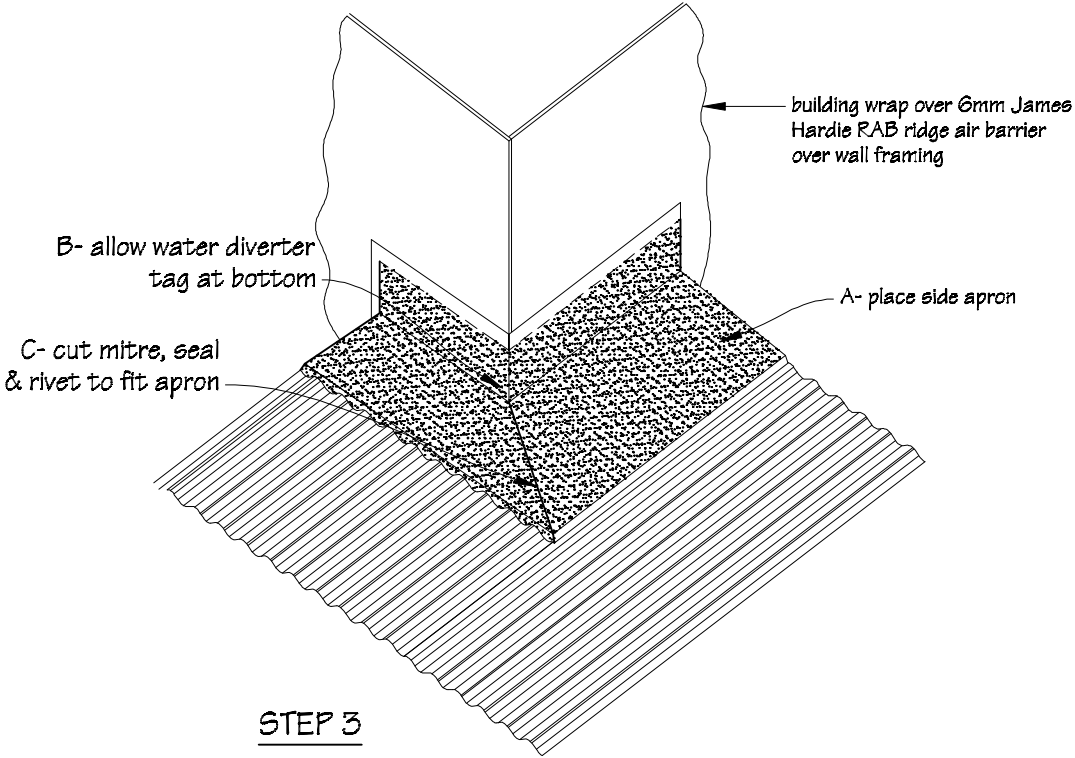
Typical Apron Detail  
Detail GD.1a  
page A.12



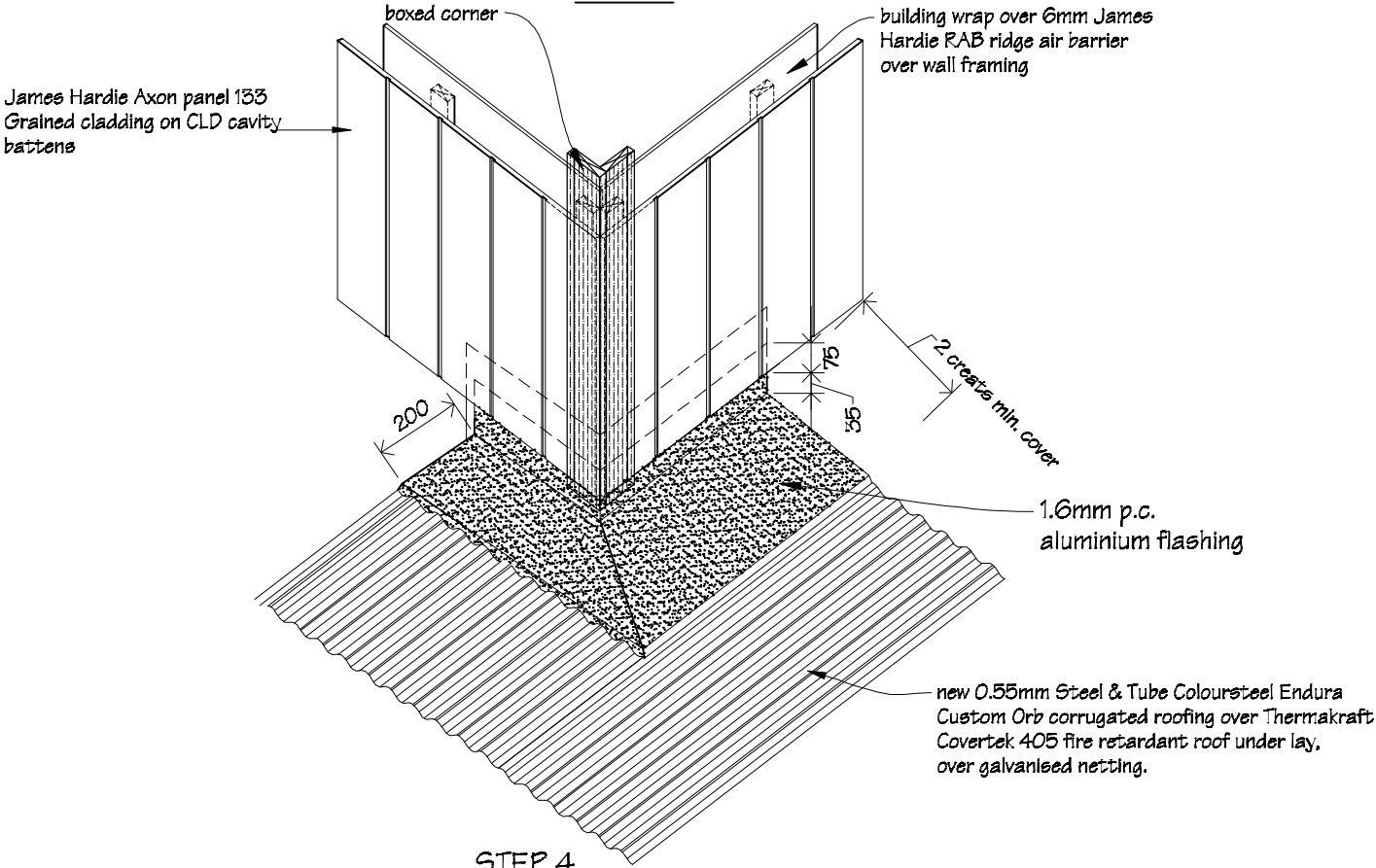
STEP 1




STEP 2



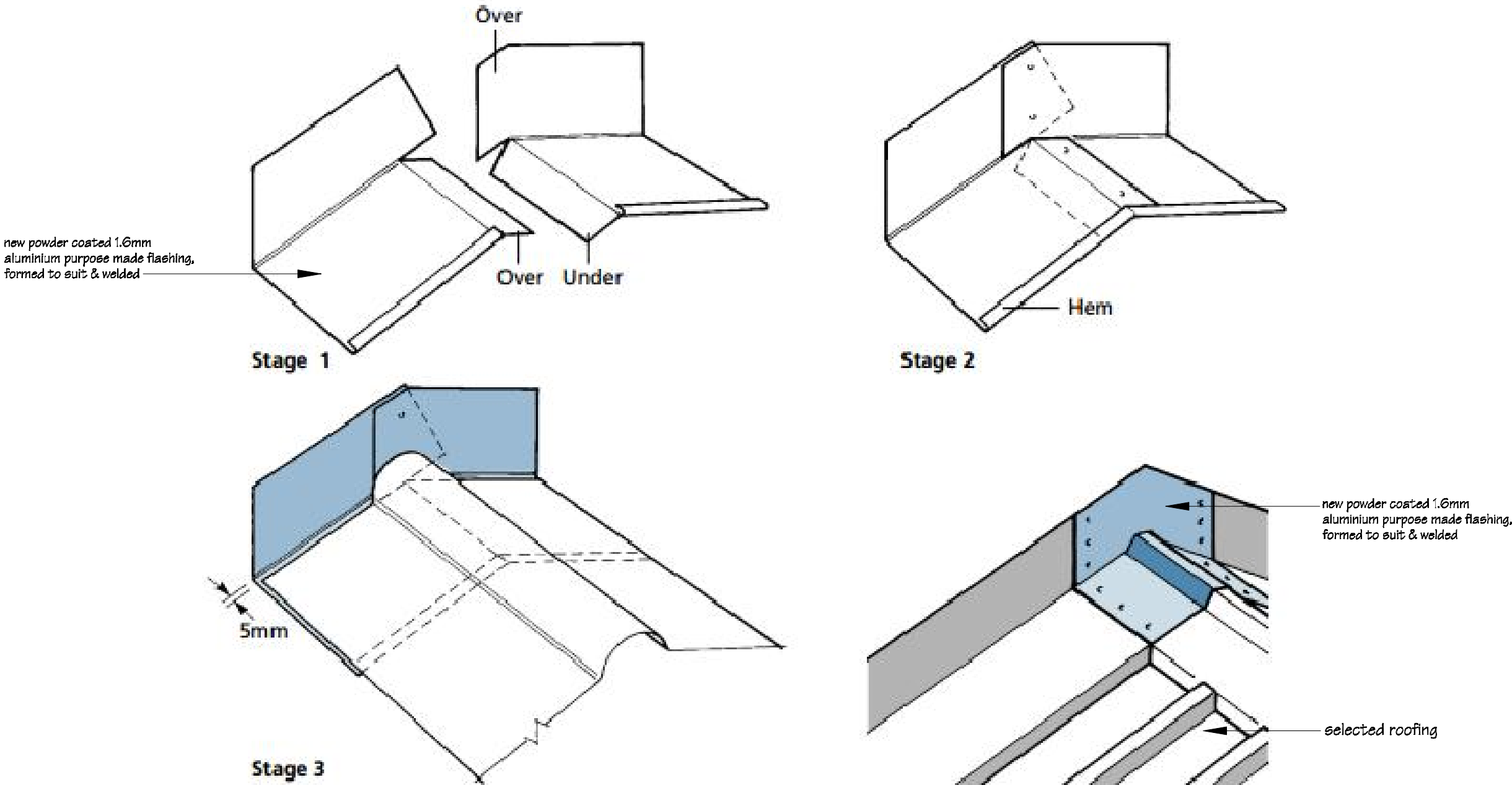
STEP 3




STEP 4

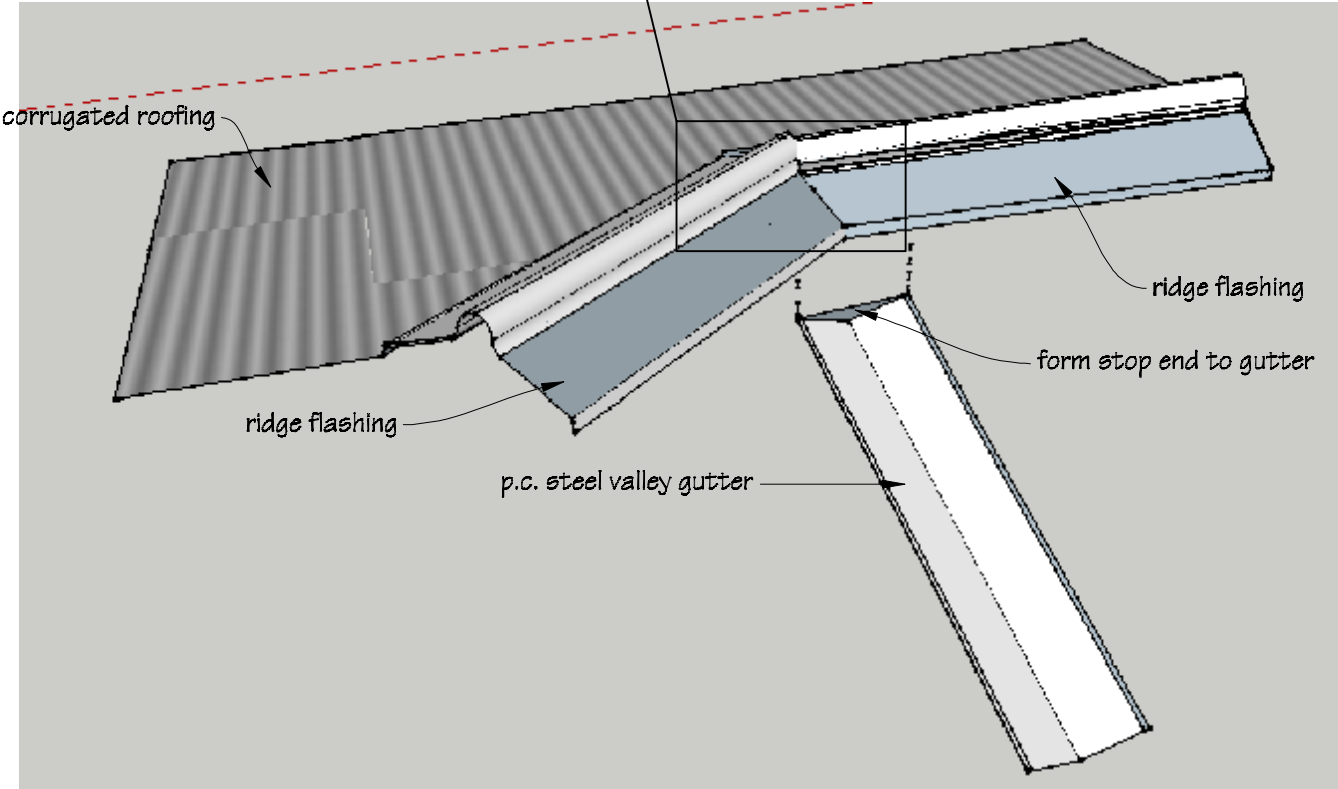
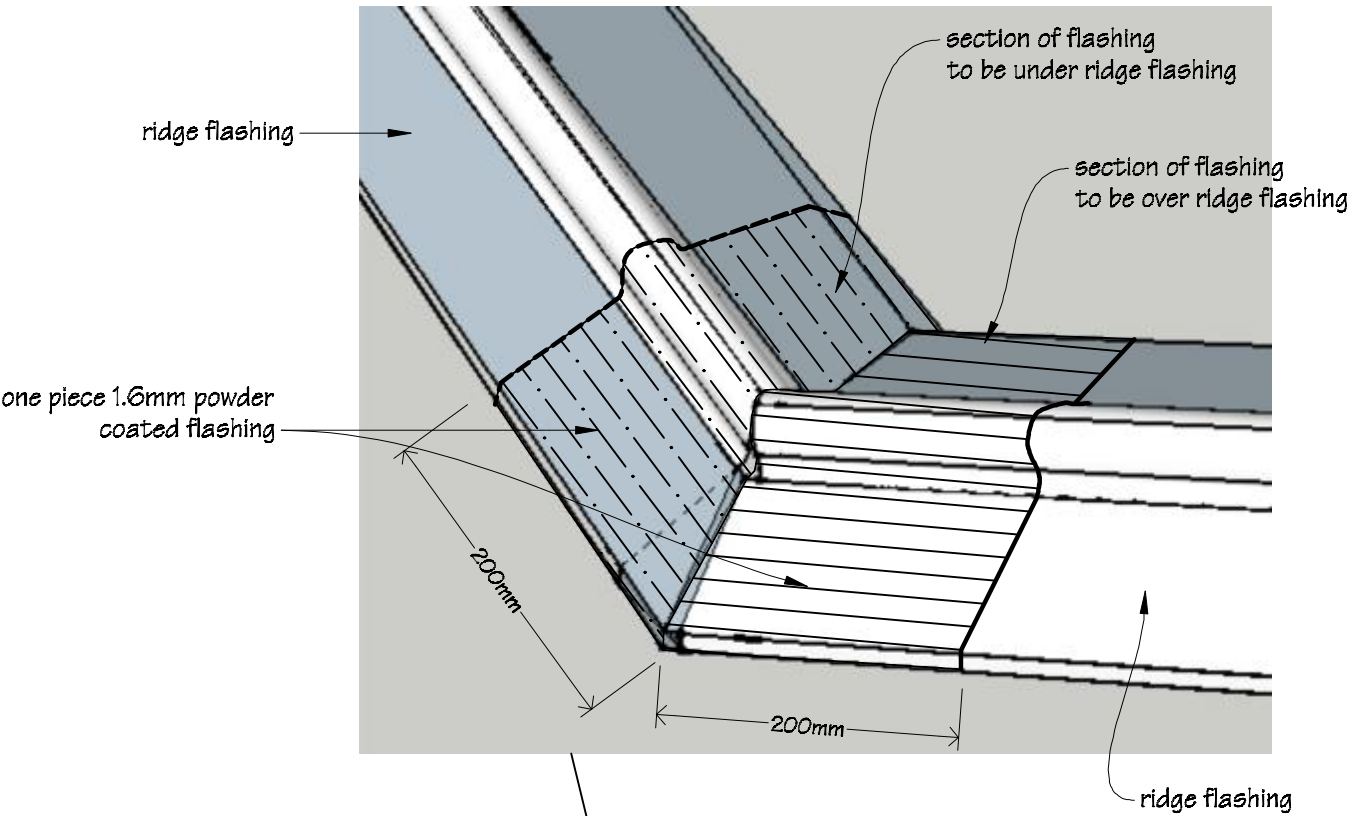
 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711 Mobile- Ian 021-427-347 Mobile- Stephen 027-3355889 Email- ian@irgroup.co.nz steve@irgroup.co.nz Web- www.irgroup.co.nz	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT Roll Growth Classrooms	DRAWING TITLE Apron Flashing Detail	REVISIONS No Date Description	Scale 1:6	Pricing/Building Consent Drawings  Do not scale from drawings. Check all dimensions on site.
						Date 26/5/2016 Original sheet size A3 Drawn S.T. Sheet No G.11 Dwg Ref 68	

Gable Dormer Junction Flashing.  
Roofing Detail - RD.1  
Pages A.12 & B.10

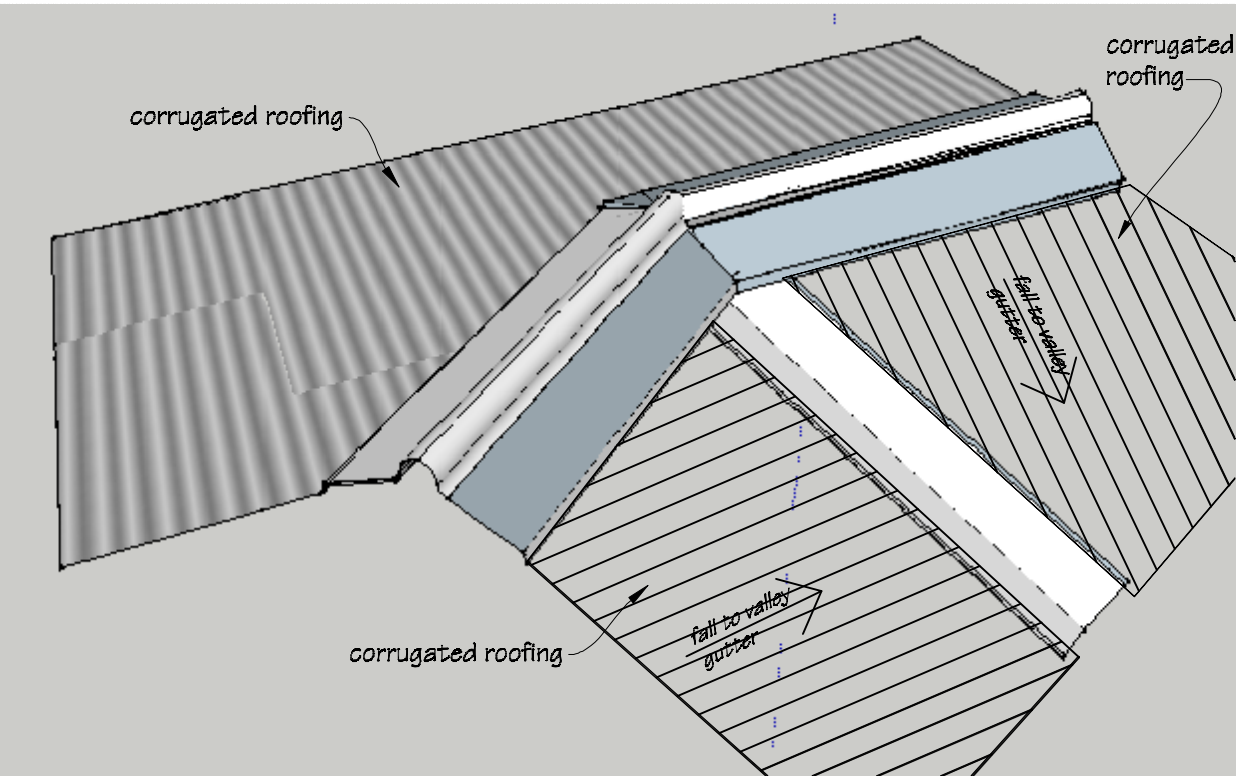
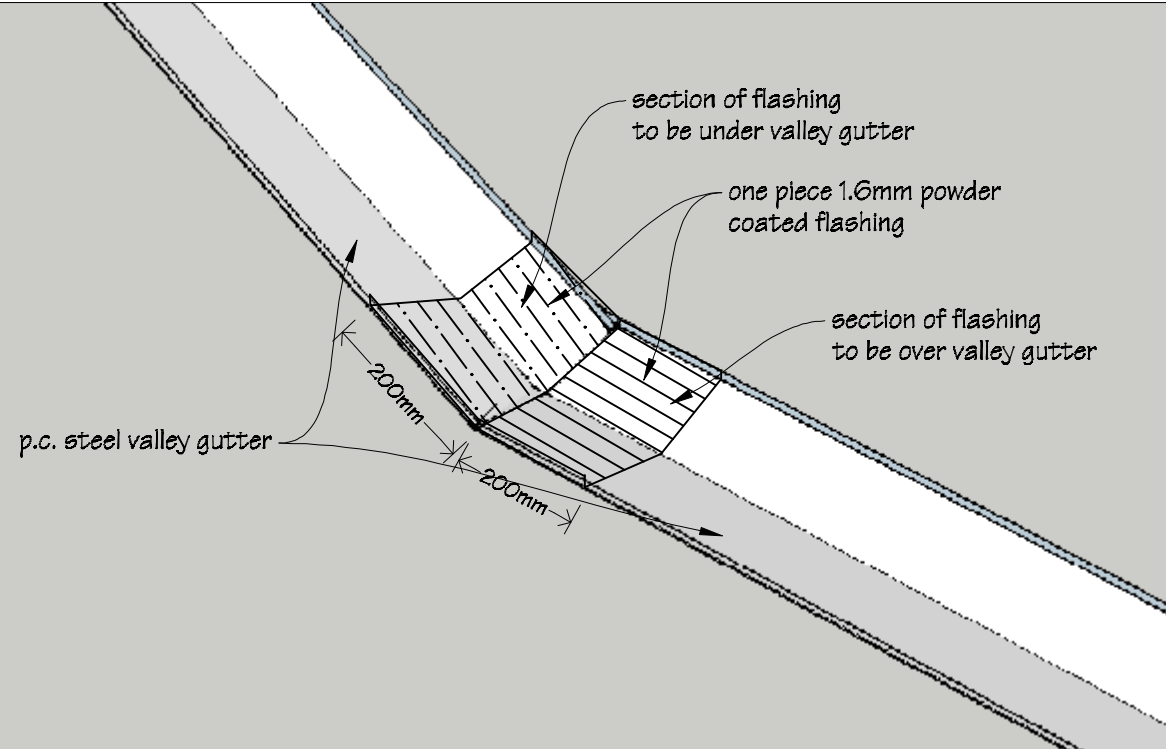



 IR Group Ltd <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	TKKM O Tamaki Nui A Rua 36 Makirakiri Road Dannevirke	PROJECT  Roll Growth Classrooms	DRAWING TITLE  Dormer Roof Flashing Detail	REVISIONS	Scale	N.T.S.	Pricing/Building Consent Drawings  <i>Do not scale from drawings. Check all dimensions on site.</i>		
	Mobile- Ian 021-427.347				No	Date	Description		Date	26/5/2016
	Mobile- Stephen 027-3355889								Original sheet size	A3
	Email- ian@irgroup.co.nz								Drawn	S.T.
	steve@irgroup.co.nz								Sheet No	G.12
	Web- www.irgroup.co.nz								Dwg Ref	69

Roofing Detail - RD.6  
Page B.10



Roofing Detail - RD.7  
Page B.10



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	Mobile- Ian 021-427.347					Date	26/5/2016	
	Mobile- Stephen 027-3355889					Original sheet size	A3	Do not scale from drawings. Check all dimensions on site.
	Email- ian@irgroup.co.nz					Drawn	S.T.	
	steve@irgroup.co.nz					Sheet No	G.13	
	Web- www.irgroup.co.nz					Dwg Ref	70	