

MAKOURA COLLEGE BLOCK D ALTERATIONS

Makora Road
Masterton

for
Makoura College Board of Trustees

DRAWINGS

<u>Page No</u>	<u>Description</u>	<u>Scale</u>
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Page 14	Typical Window Flashing Details	1:5
Page 15	Typical Aluminium Door Flashing Details	1:5
Page 16	Typical Roof Flashing Details	as shown



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

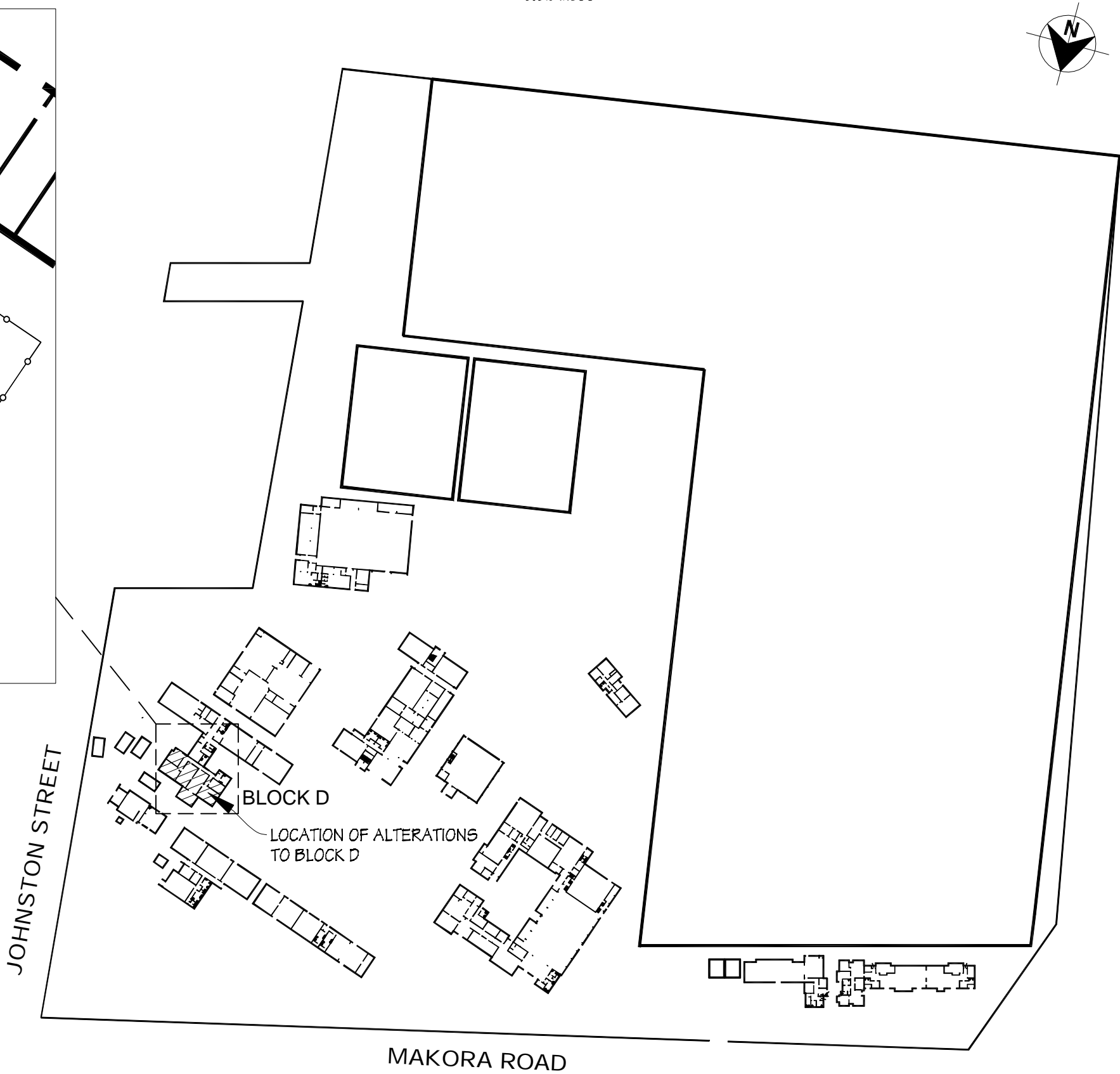
Drawings to be read in
conjunction with the
attached Vishnu Fire Safety
Design Report.

Pricing/Building
Consent
Drawings

Part Block Plain
scale 1:250



Site Plain
scale 1:1500



SITE INFORMATION

LEGAL INFORMATION

Lot 1 DP23879
Lot 1 DP27833
Part Lots 9, 10, 11, 12, 13, 14 & 15.
DP23439
Makora Road
Masterton



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Makoura College
Makora Road
Masterton

PROJECT

Block D Alterations

DRAWING TITLE

Site Plan

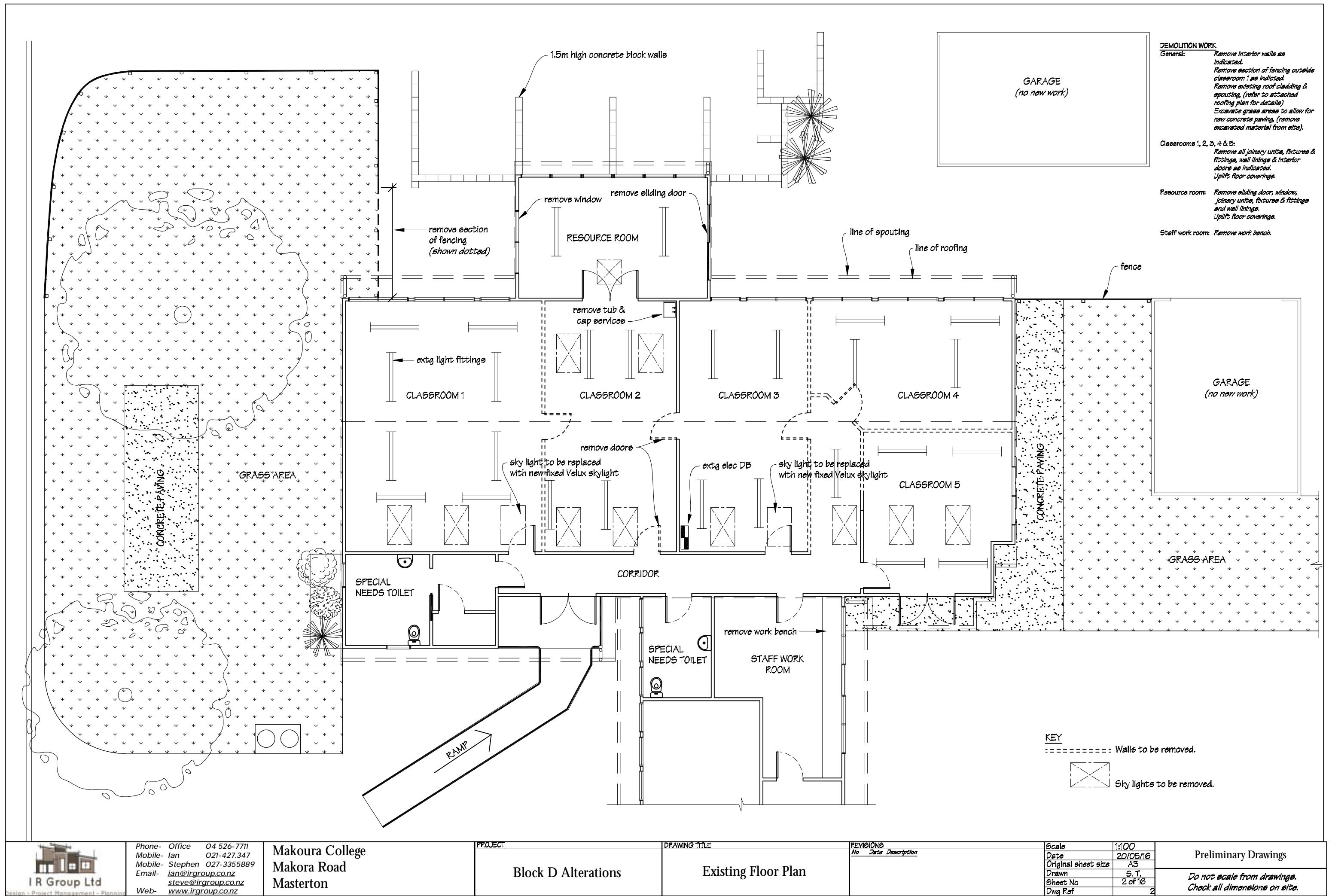
REVISIONS

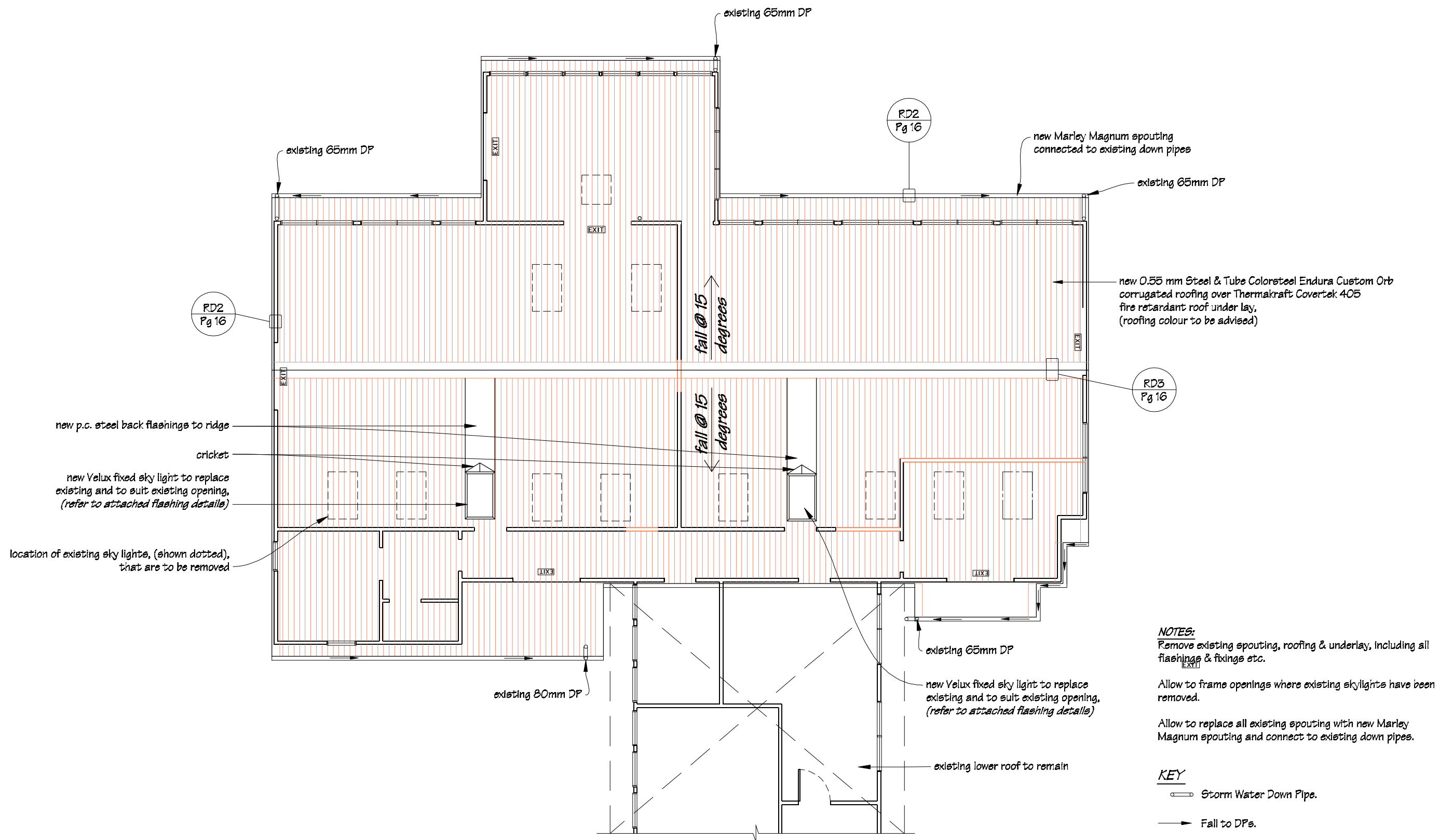
No Date Description


Scale	as shown
Date	20/05/16
Original sheet size	A3
Drawn	S.T.
Sheet No	1 of 16
Dwg Ref	1

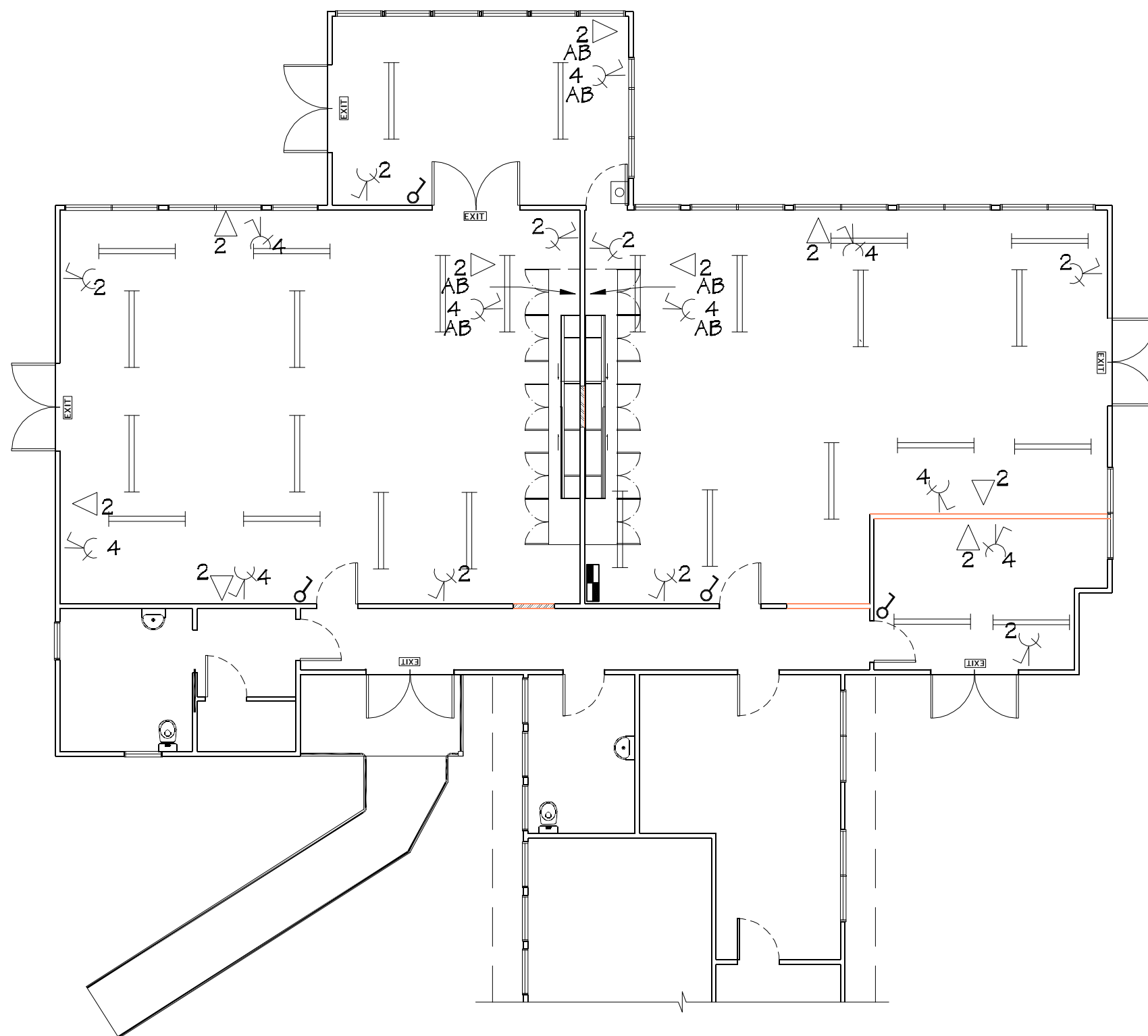
Preliminary Drawings

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





 IR Group Ltd <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	Makoura College Makora Road Masterton	PROJECT	DRAWING TITLE	REVISIONS	Scale	1:100	Pricing/Building Consent Drawings
	Mobile- Ian 021-427.347					Date	20/05/16	
	Mobile- Stephen 027-3355889					Original sheet size	A3	
	Email- ian@irgroup.co.nz					Drawn	S.T.	
	Email- steve@irgroup.co.nz					Sheet No	4 of 16	
	Web- www.irgroup.co.nz					Dwg Ref	4	




ELECTRICAL KEY

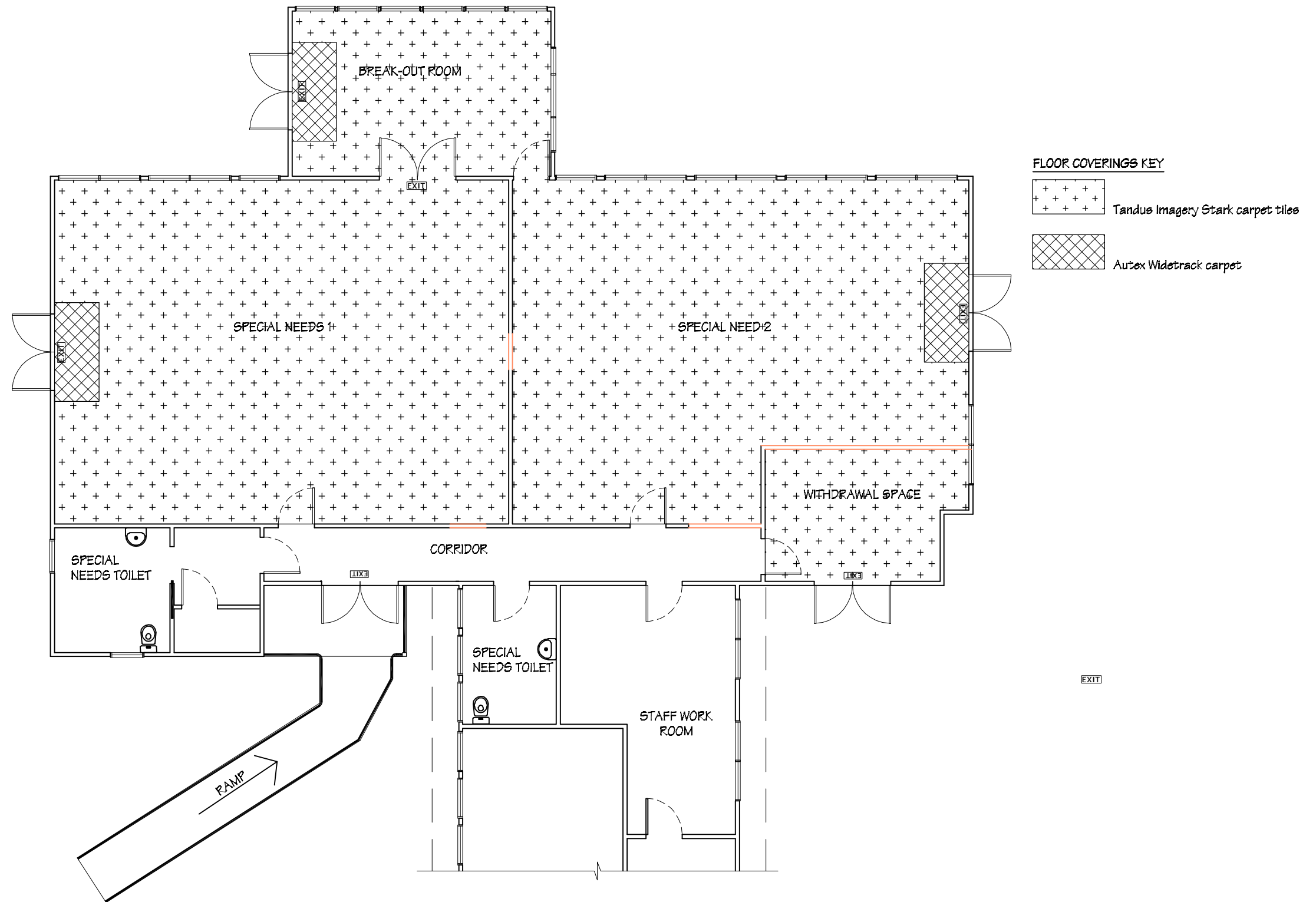
- Existing distribution board.
- Existing fluorescent light fittings.
- New one way light switch 10A flush mounted, connected to existing wiring.
- Double data outlets located 300mm above FFL.
- Double data outlets located above bench.
- Switched socket outlet 30mA RCD quad flush mounted, located 300mm above FFL.
- Switched socket outlet 30mA RCD quad flush mounted, located above bench.
- Switched socket outlet 30mA RCD double flush mounted, located 300mm above FFL.
- Switched socket outlet 30mA RCD double flush mounted, located above bench.
- Existing fire alarm call points


NOTE:

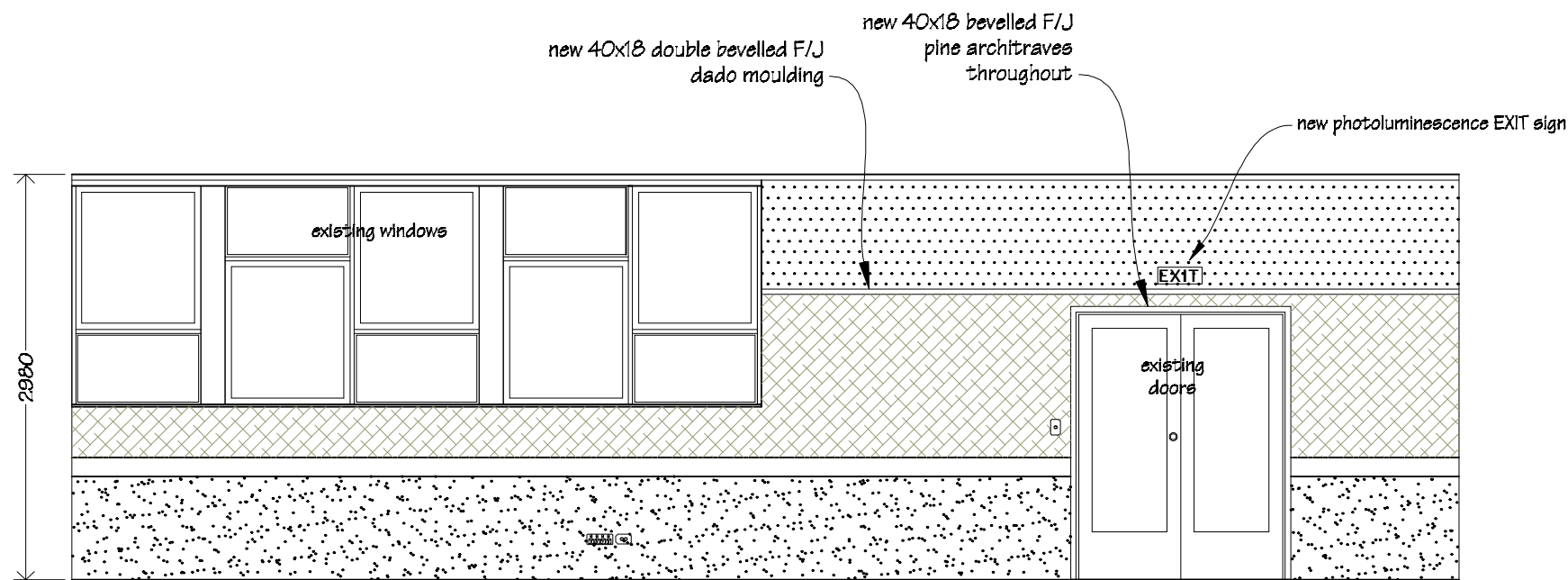
- For all new light circuits, a 30mA RCD must be used for protection.
- Ensure that all electrical work is undertaken in accordance with Ministry of Education Electrical Installation: Standard for Schools document; version 1.6 - October 2015.

Allow to reinstall existing security sensors to original locations.

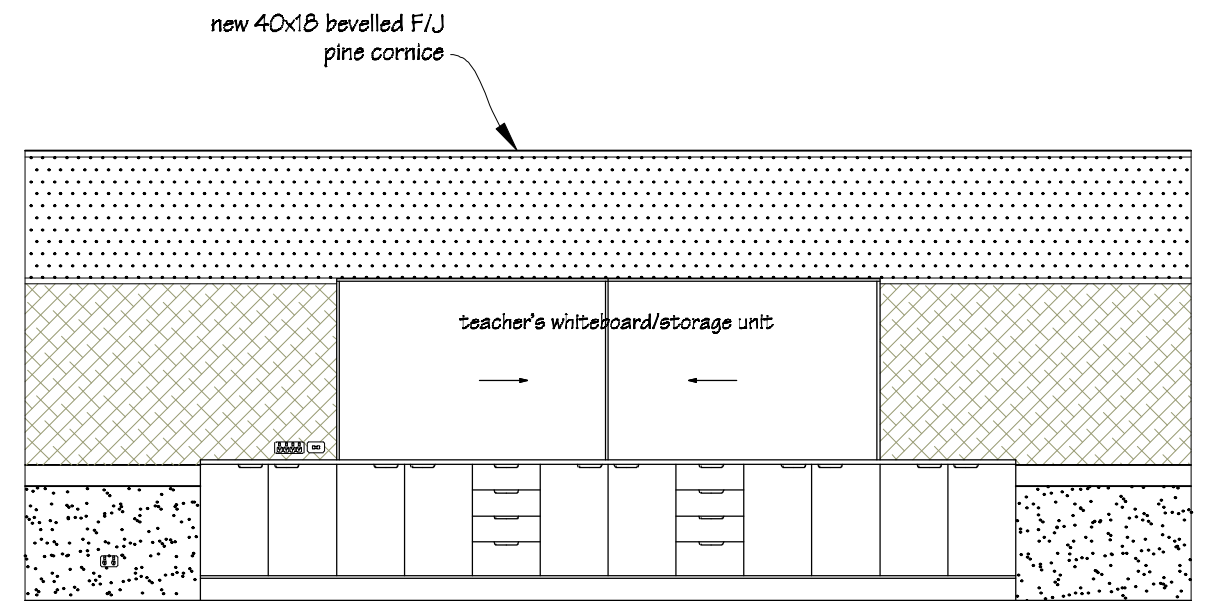
 <p>IR Group Ltd</p>	<p>Phone- Office 04 526-7711 Mobile- Ian 021-427.347 Mobile- Stephen 027-3355889 Email- ian@irgroup.co.nz steve@irgroup.co.nz Web- www.irgroup.co.nz</p>	<p>Makoura College Makora Road Masterton</p>	<p>PROJECT Block D Alterations</p>	<p>DRAWING TITLE Electrical Plan</p>	<p>REVISIONS No Date Description</p>	<p>Scale 1:100 Date 20/05/16 Original sheet size A3 Drawn S.T. Sheet No 5 of 16 Dwg Ref 5</p>	<p>Pricing/Building Consent Drawings</p> <p>Do not scale from drawings. Check all dimensions on site.</p>
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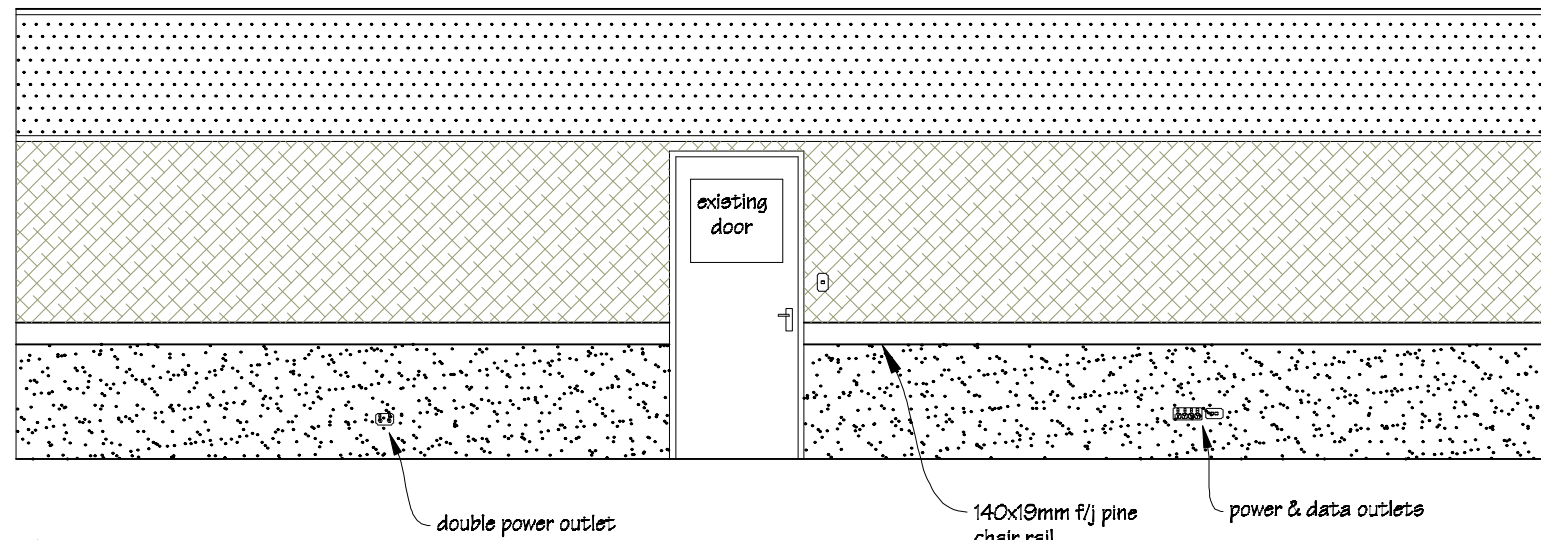
 <p>IR Group Ltd</p>	<p>Phone- Office 04 526-7711 Mobile- Ian 021-427.347 Mobile- Stephen 027-3355889 Email- ian@irgroup.co.nz Email- steve@irgroup.co.nz Web- www.irgroup.co.nz</p>	<p>Makoura College Makora Road Masterton</p>	<p>PROJECT Block D Alterations</p>	<p>DRAWING TITLE Floor Coverings Plan</p>	<p>REVISIONS No Date Description</p>	<p>Scale 1:100 Date 20/05/16 Original sheet size A3 Drawn S.T. Sheet No 6 of 16 Dwg Ref 6</p>	<p>Preliminary Drawings Do not scale from drawings. Check all dimensions on site.</p>
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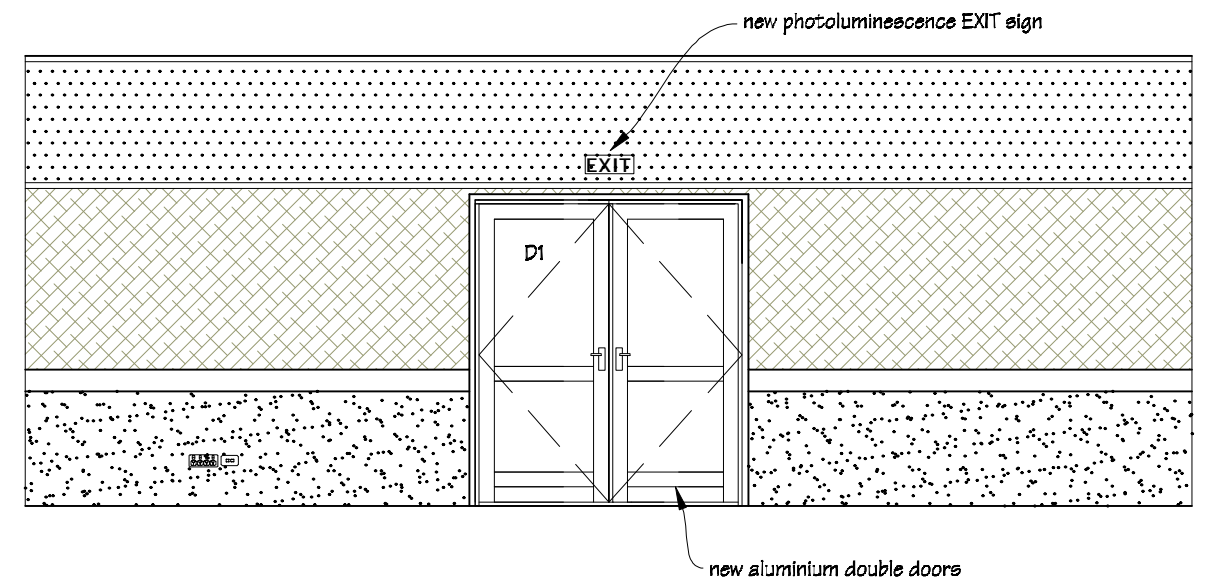
Elevation 1



Elevation 2



Elevation 3




Elevation 4

Wall Coverings Key

	13mm Gib Toughline, painted
	Autex Composition Board, over Gib Toughline.
	Autex Dada carpet over Gib Toughline.

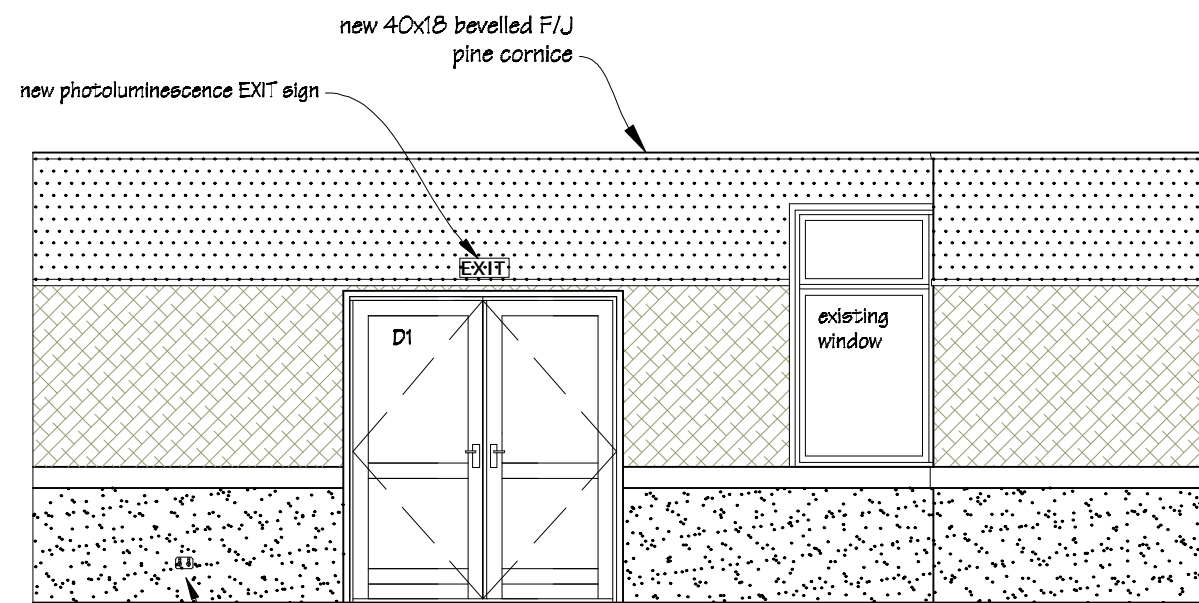
PAINTING

Allow to paint ceilings, scotias, timber doors, frames and architraves, timber window frames & architraves, and all new & existing timber trim.

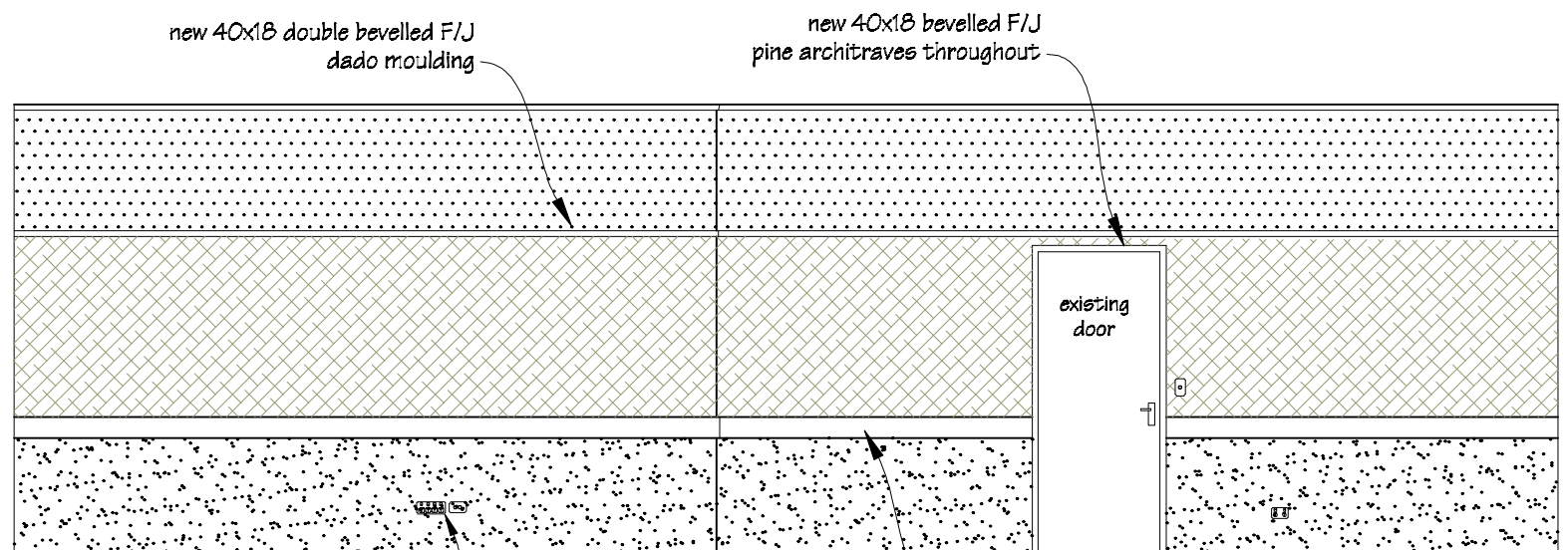
 IR Group Ltd <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711 Mobile- Ian 021-427.347 Mobile- Stephen 027-3355889 Email- ian@irgroup.co.nz steve@irgroup.co.nz Web- www.irgroup.co.nz	Makoura College Makora Road Masterton	PROJECT Block D Alterations	DRAWING TITLE Special Needs 1 Interior Elevations	REVISIONS <table><tr><th>No</th><th>Date</th><th>Description</th></tr><tr><td>1</td><td>27.6.16</td><td>Exit signs included.</td></tr></table>	No	Date	Description	1	27.6.16	Exit signs included.	Scale 1:50 Date 20/05/16 Original sheet size A3 Drawn S. T. Sheet No 7 of 16 Dwg Ref 7	Pricing/Building Consent Drawings <i>Do not scale from drawings. Check all dimensions on site.</i>
	No	Date	Description										
1	27.6.16	Exit signs included.											



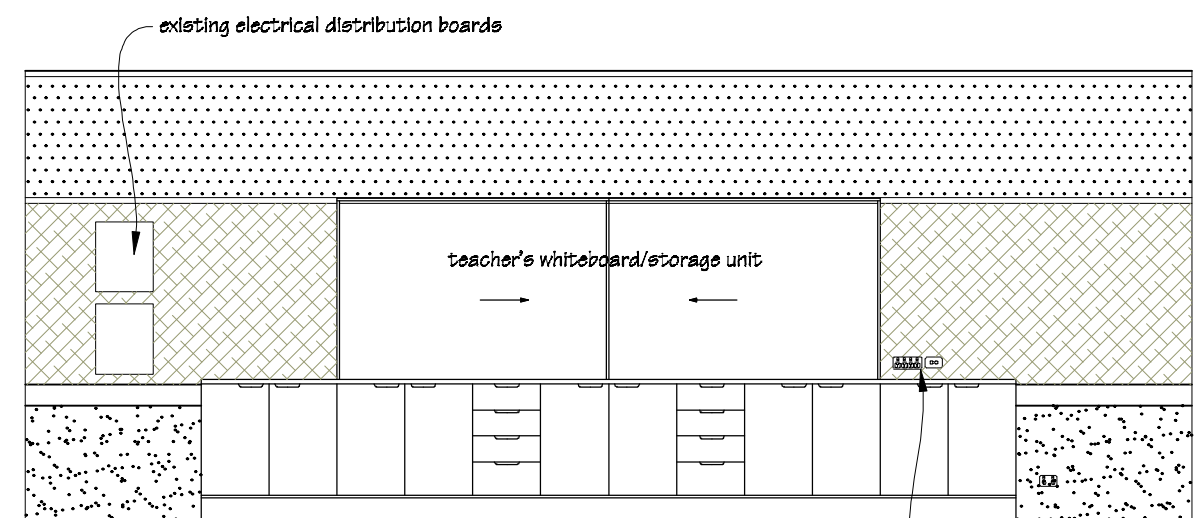
Elevation 1



Elevation 2



Elevation 3




Elevation 4

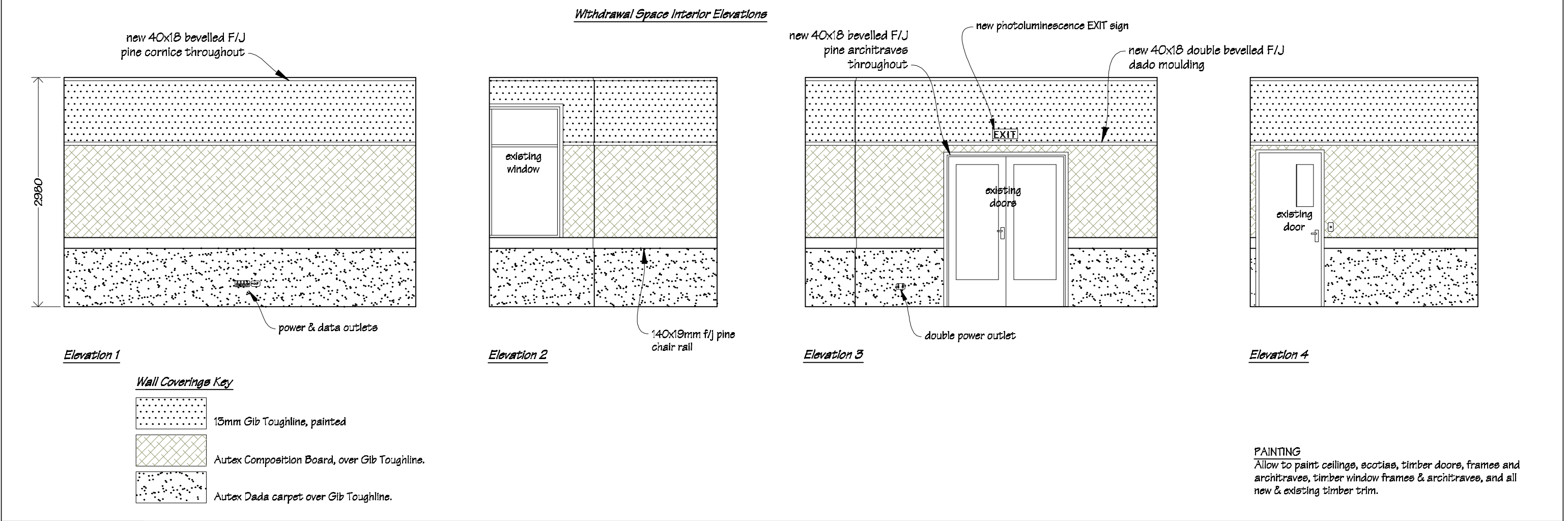
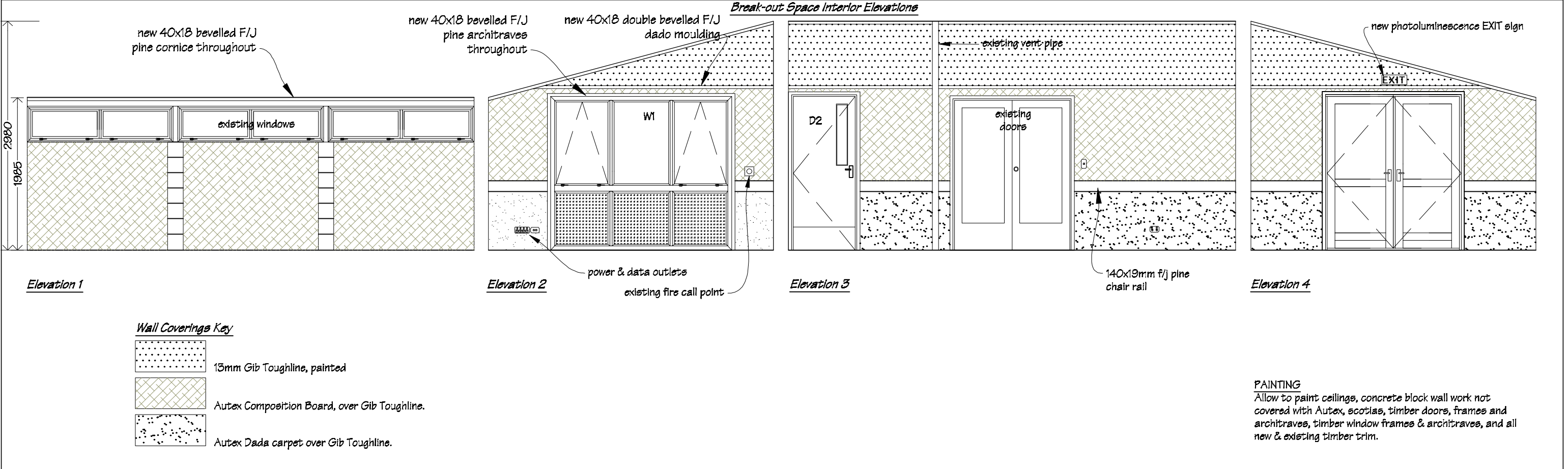
Wall Coverings Key


	13mm Gib Toughline, painted
	Autex Composition Board, over Gib Toughline.
	Autex Dada carpet over Gib Toughline.

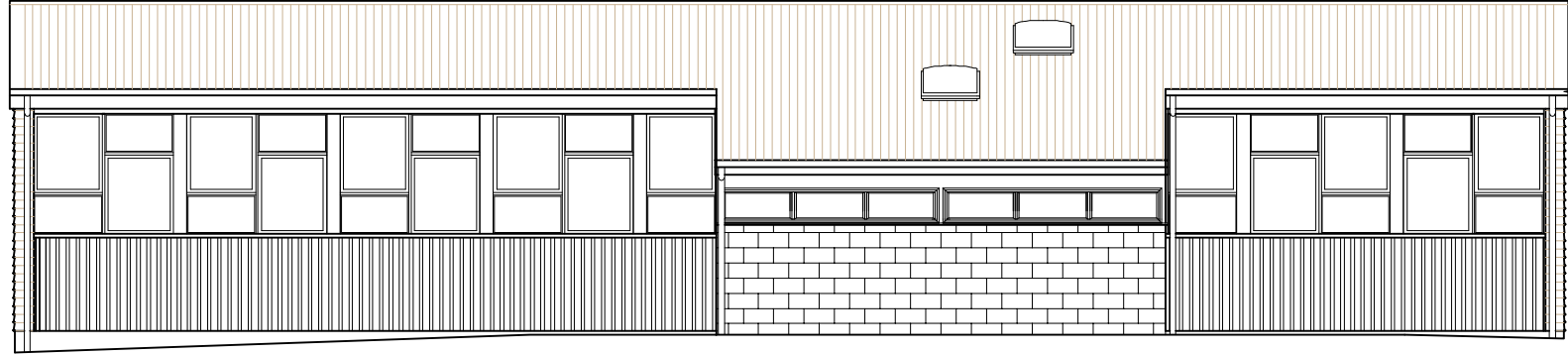
PAINTING

Allow to paint ceilings, scotias, timber doors, frames and architraves, timber window frames & architraves, and all new & existing timber trim.

 IR Group Ltd <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	Makoura College Makora Road Masterton	PROJECT Block D Alterations	DRAWING TITLE Special Needs 2 Interior Elevaions	REVISIONS <table><tr><th>No</th><th>Date</th><th>Description</th></tr><tr><td>1</td><td>27.8.16</td><td>Exit signs included.</td></tr></table>	No	Date	Description	1	27.8.16	Exit signs included.	Scale 1:50	Pricing/Building Consent Drawings <i>Do not scale from drawings. Check all dimensions on site.</i>
	No					Date	Description						
	1					27.8.16	Exit signs included.						
	Mobile- Ian 021-427.347					Date 20/05/16							
	Mobile- Stephen 027-3355889					Original sheet size A3							
Email- ian@irgroup.co.nz	Drawn S. T.												
steve@irgroup.co.nz	Sheet No 8 of 16												
Web- www.irgroup.co.nz	Dwg Ref 8												

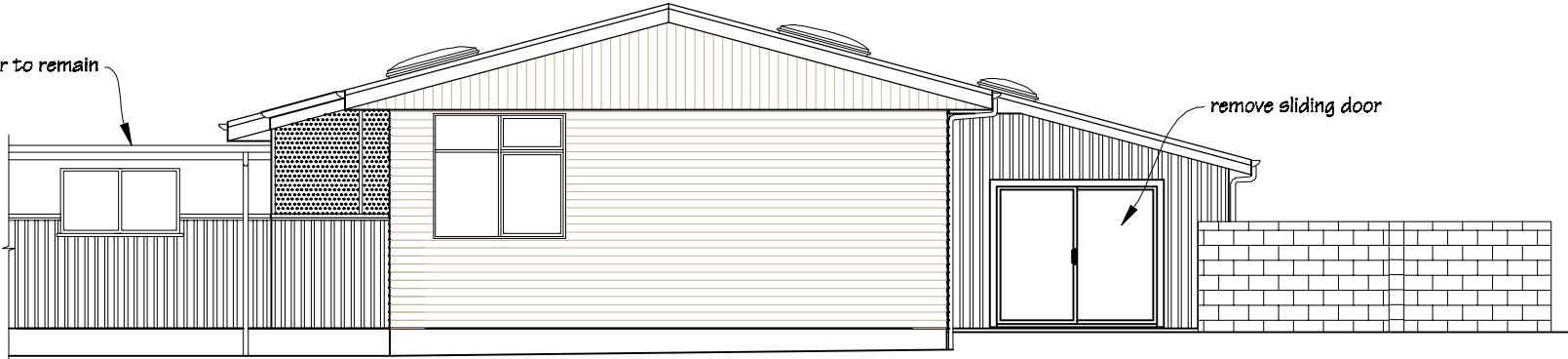


 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711	Makoura College Makora Road Masterton	PROJECT	DRAWING TITLE	REVISIONS	Scale 1:50	Pricing/Building Consent Drawings	
	Mobile- Ian 021-427.347					Date 20/05/16		
	Mobile- Stephen 027-3355889					Original sheet size A3		
	Email- ian@irgroup.co.nz					Drawn S.T.		
	Web- www.irgroup.co.nz					Sheet No 9 of 16		
				Block D Alterations	Break-out Space & Withdrawal Space Interior Elevations	1 27.6.16 Exit signs included.	Dwg Ref 9	Do not scale from drawings. Check all dimensions on site.



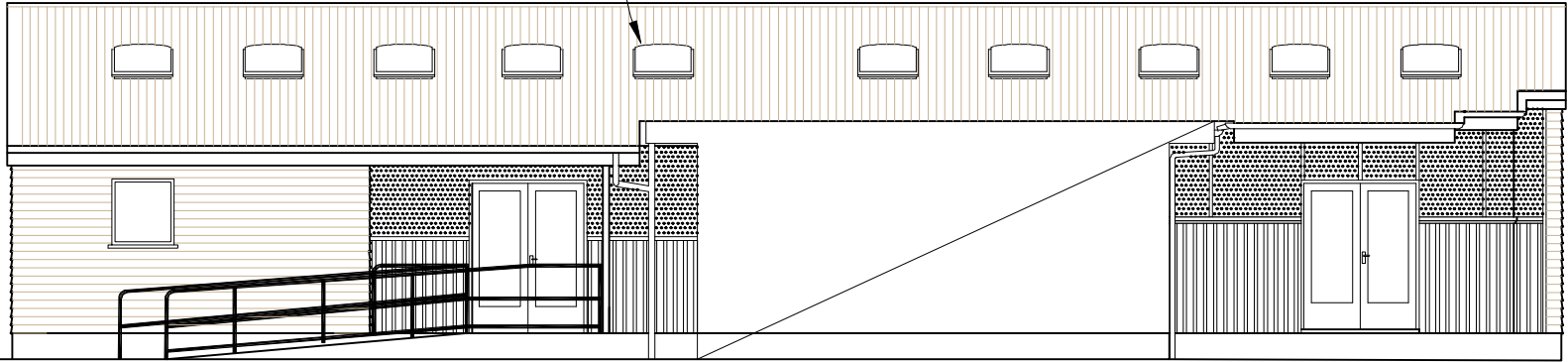
North Elevation

roofing & spouting to link corridor to remain



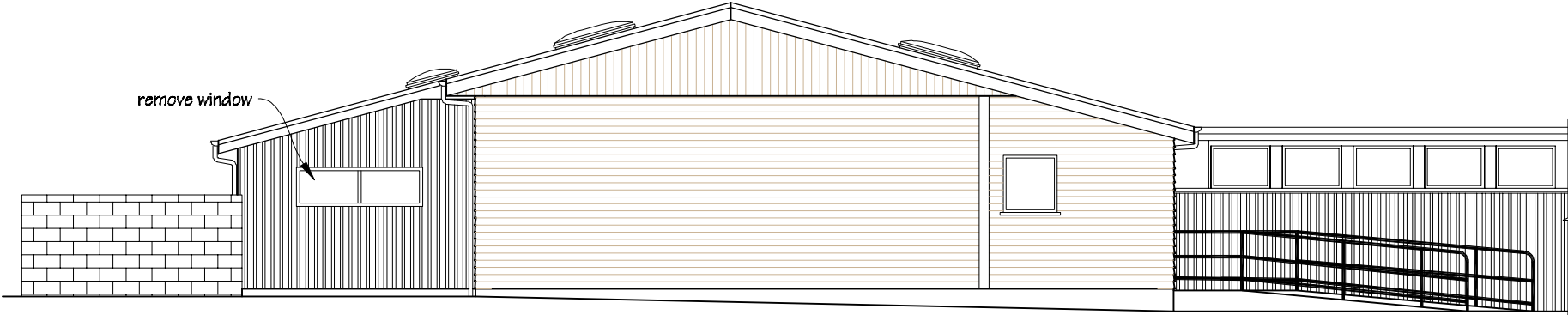
East Elevation

remove existing roof & underlay




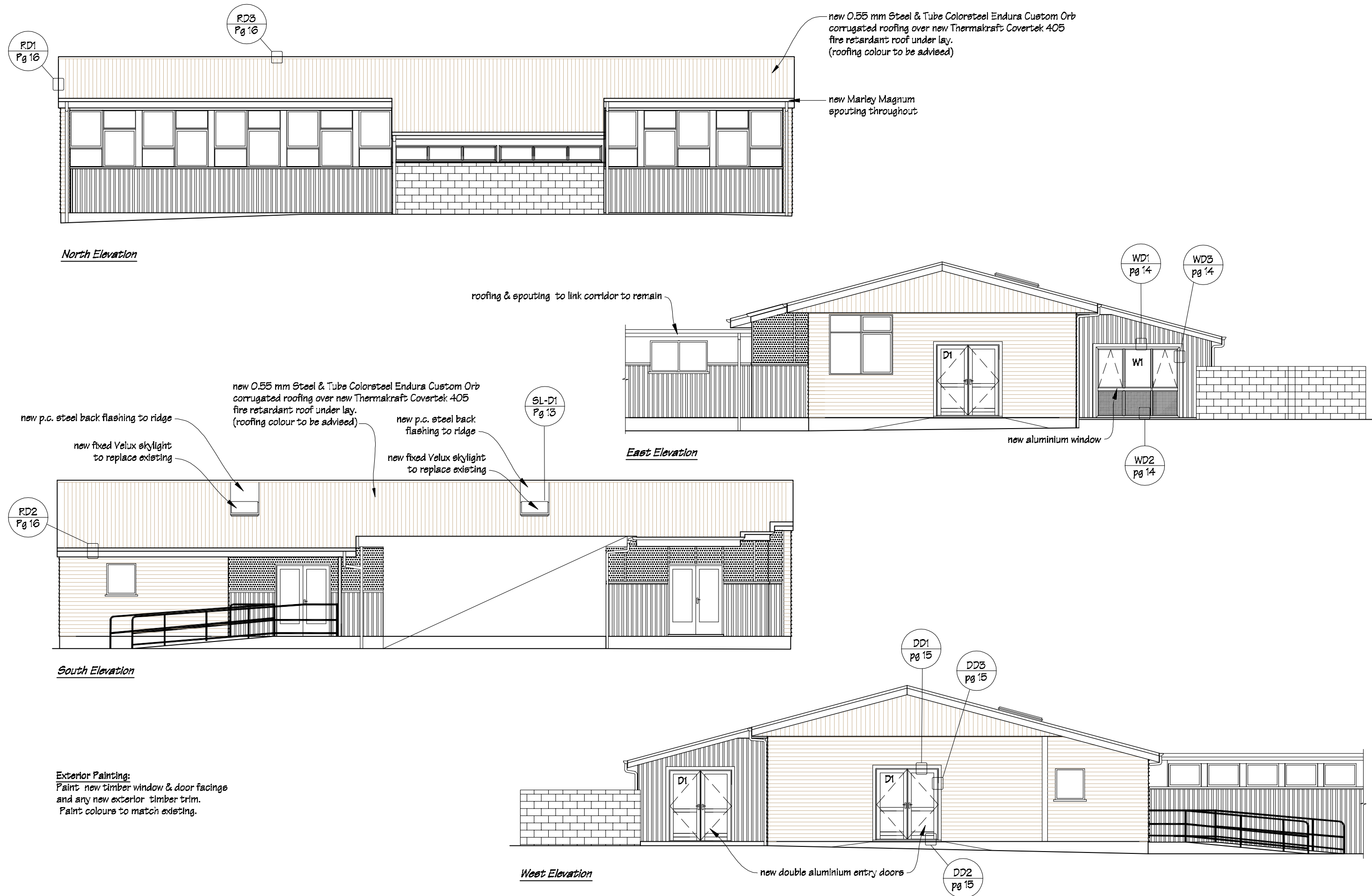
South Elevation


remove window



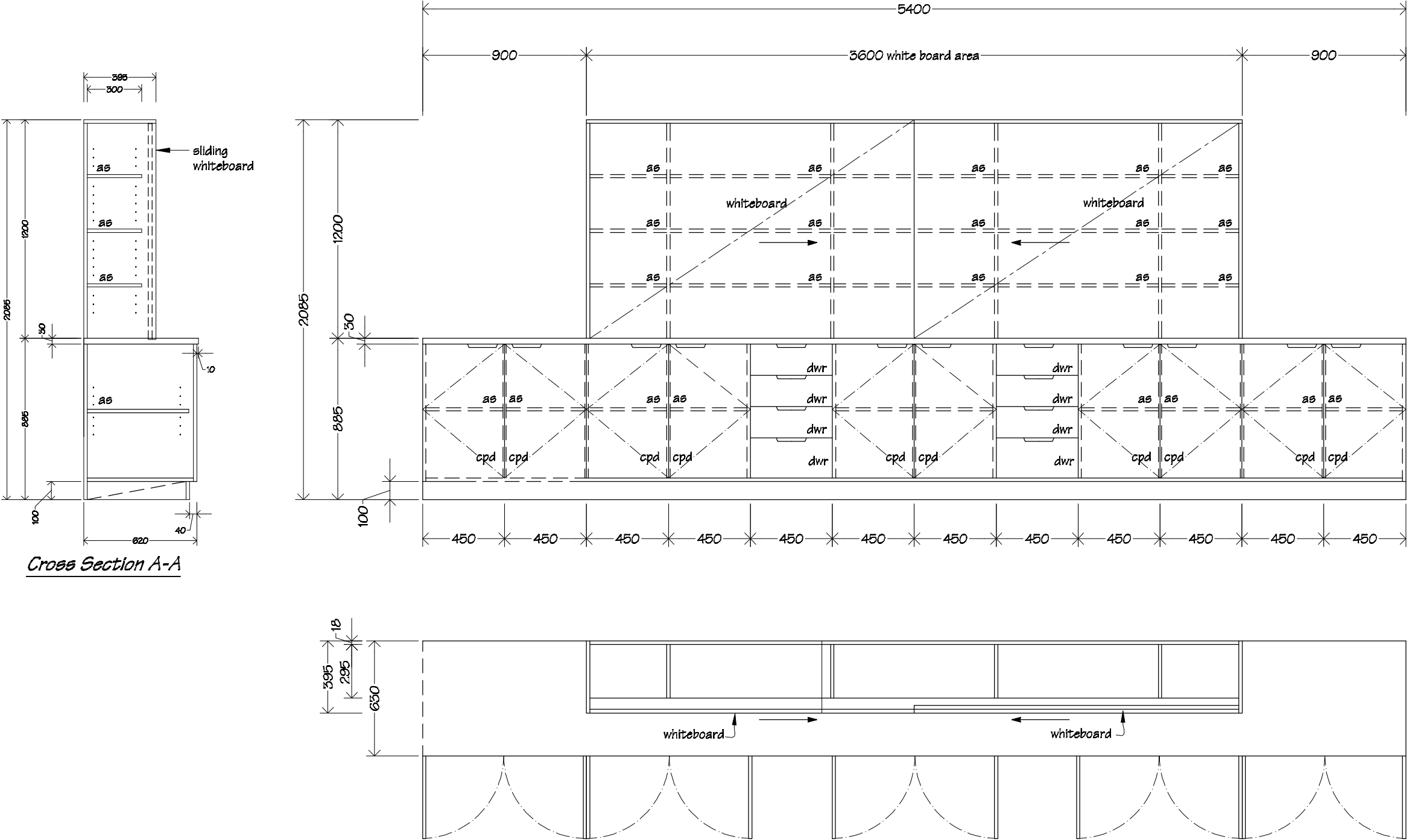
West Elevation

 IR Group Ltd <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	Makoura College Makora Road Masterton	PROJECT Block D Alterations	DRAWING TITLE Existing Exterior Elevations	REVISIONS	Scale 1:100	Pricing/Building Consent Drawings
	Mobile- Ian 021-427.347				No Date Description	Date 20/05/16	
	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 10 of 16	
	www.irgroup.co.nz					Dwg Ref 10	
	Web-						



 IR Group Ltd <small>Design - Project Management - Planning</small>	Phone- Office 04 526-7711	Makoura College Makora Road Masterton	PROJECT Block D Alterations	DRAWING TITLE Proposed Exterior 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 1:100	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 20/05/16							
	Mobile- Stephen 027-3355889					Original sheet size A3							
	Email- ian@irgroup.co.nz					Drawn S.T.							
	steve@irgroup.co.nz					Sheet No 11 of 16							
www.irgroup.co.nz	Dwg Ref 11												
Web-													

Teacher's White Board Storage Unit
2 off




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.

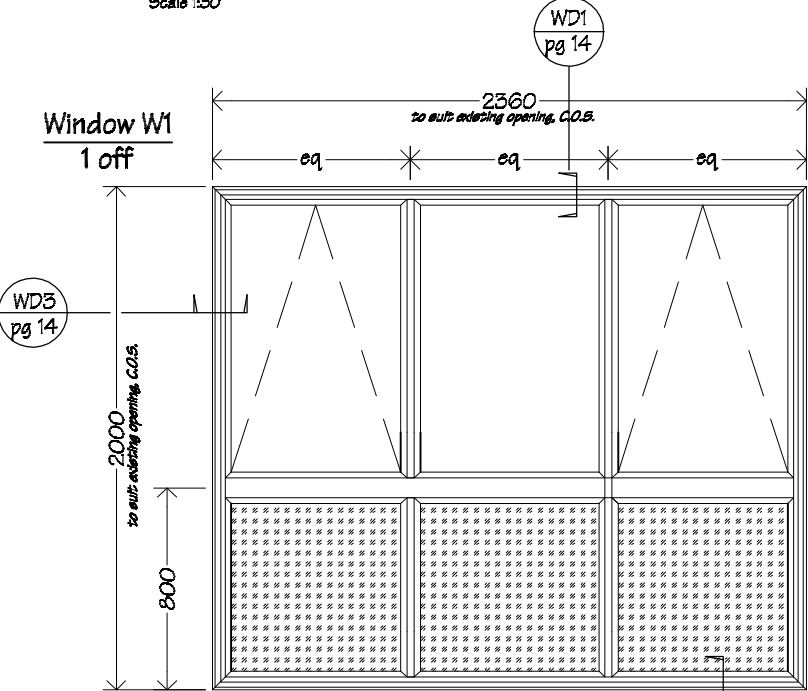
Unit carcass, shelving & doors to be 18mm
double sided Melteca with 3mm PVC edging,
back to be 12mm single sided Melteca, top to
be 30mm single sided Melteca.

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	Makoura College Makora Road Masterton	PROJECT Block D Alterations	DRAWING TITLE Teacher's Whiteboard/Storage Unit Details	REVISIONS	Scale 1:25	Pricing/Building Consent Drawings	
	Mobile- Ian 021-427.347				No Date Description	Date 20/05/16		
	Mobile- Stephen 027-3355889					Original sheet size A3		
	Email- ian@irgroup.co.nz					Drawn S.T.		Do not scale from drawings. Check all dimensions on site.
	steve@irgroup.co.nz					Sheet No 12 of 16		
	www.irgroup.co.nz					Dwg Ref 12		

Door & Window Schedule
Scale 1:50



Window W1 to be p.c. 40mm Commercial suite aluminium.

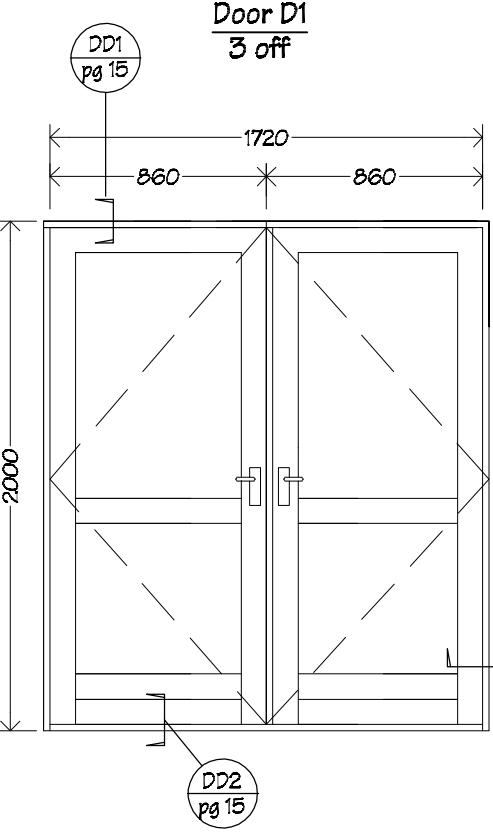
Glazing to be double glazed Grade A safety glass.

Hang sashes on suitably sized friction stays.

Awning sashes to be fixed with:
2 interlok 'restrictor' stays and
2 interlok avon non-locking fasteners per sash

NOTE:
Door infill panel to be 6mm plywood with Ullrich Aluminium p.c. smooth sheet both sides.

Alum. sheet to be 1.0mm thick, (colour to match frame).



Doors D1 to be powder coated aluminium double Magnum doors.

Glazing to be double glazed Grade A safety glass.

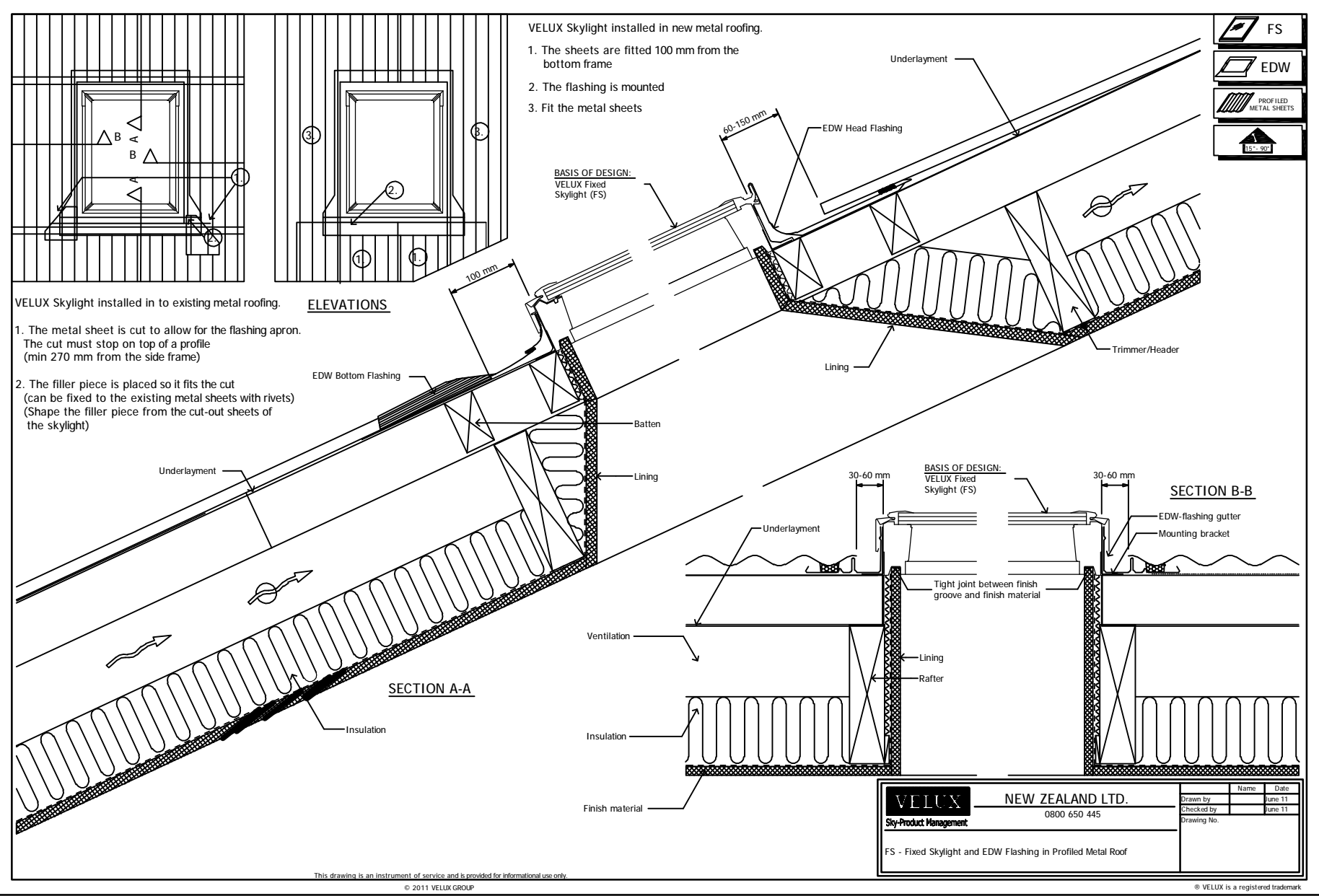
Door to be hung on 1.5 pairs of galv. FP 100mm broad butt hinges.

Refer to drawings for handing.

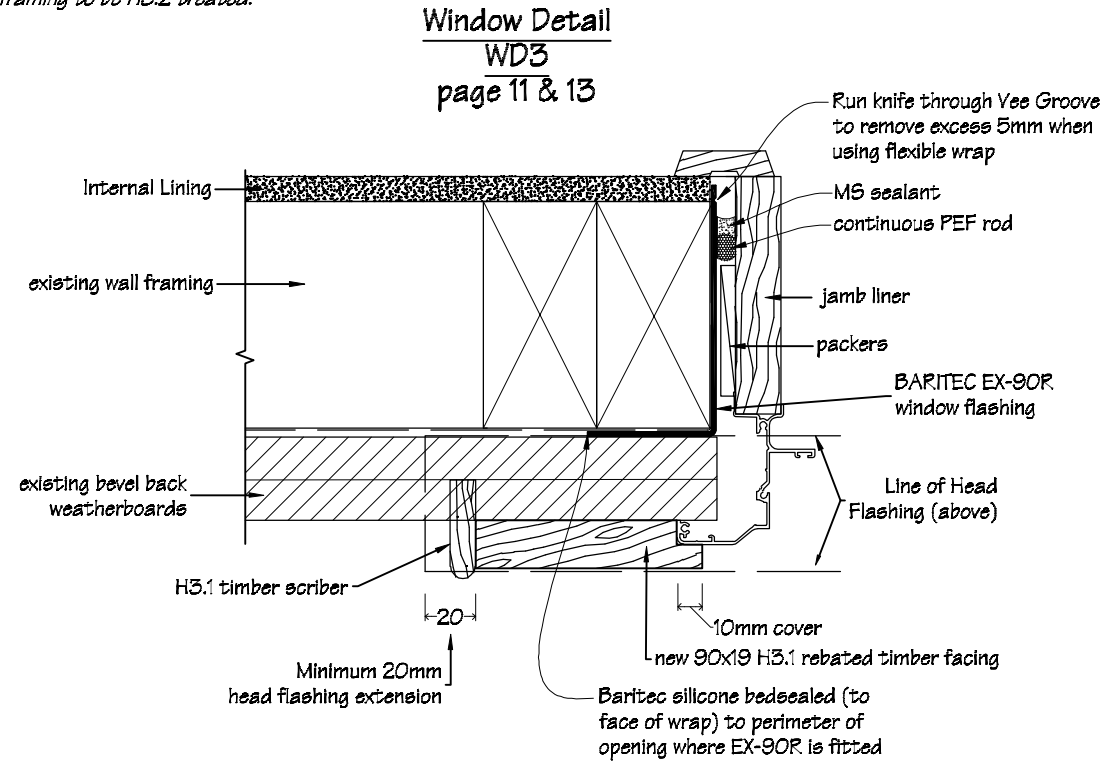
Refer to spec for hardware.

Velux Sky Light Details
N.T.S.

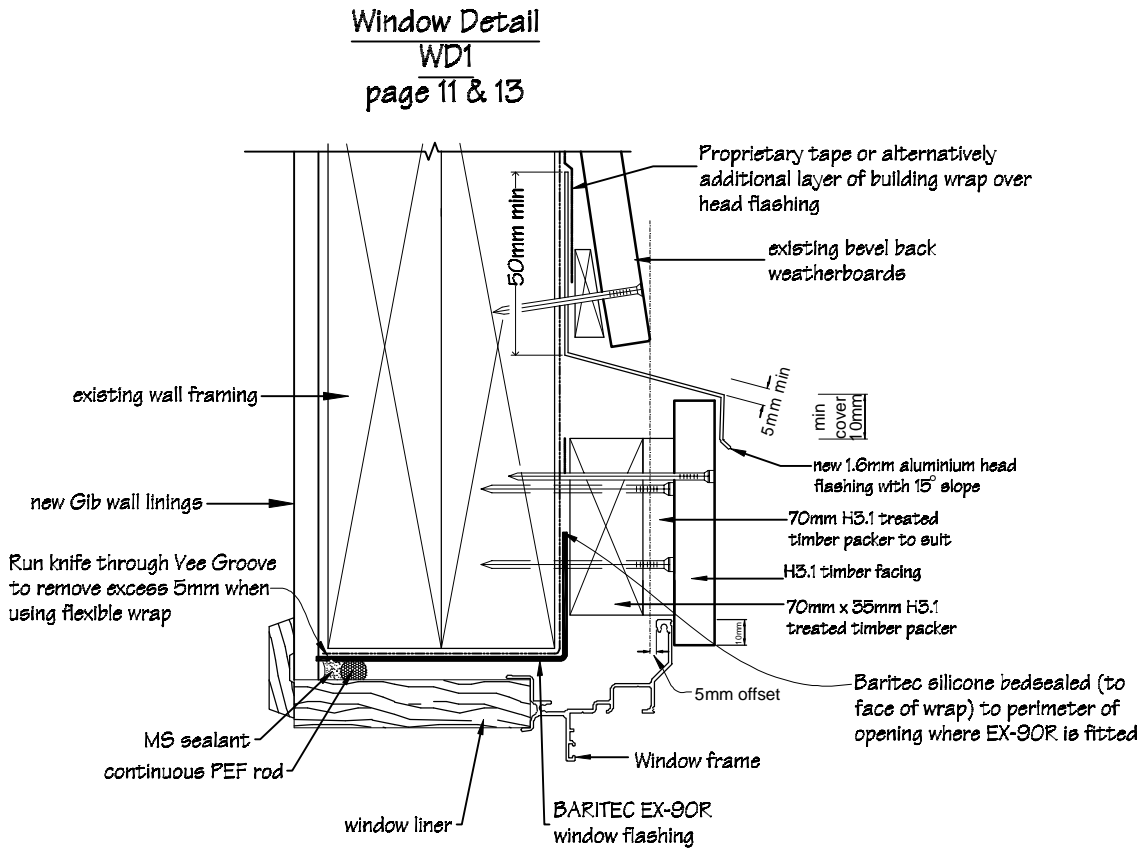
SL-D1
pg 4 & 11



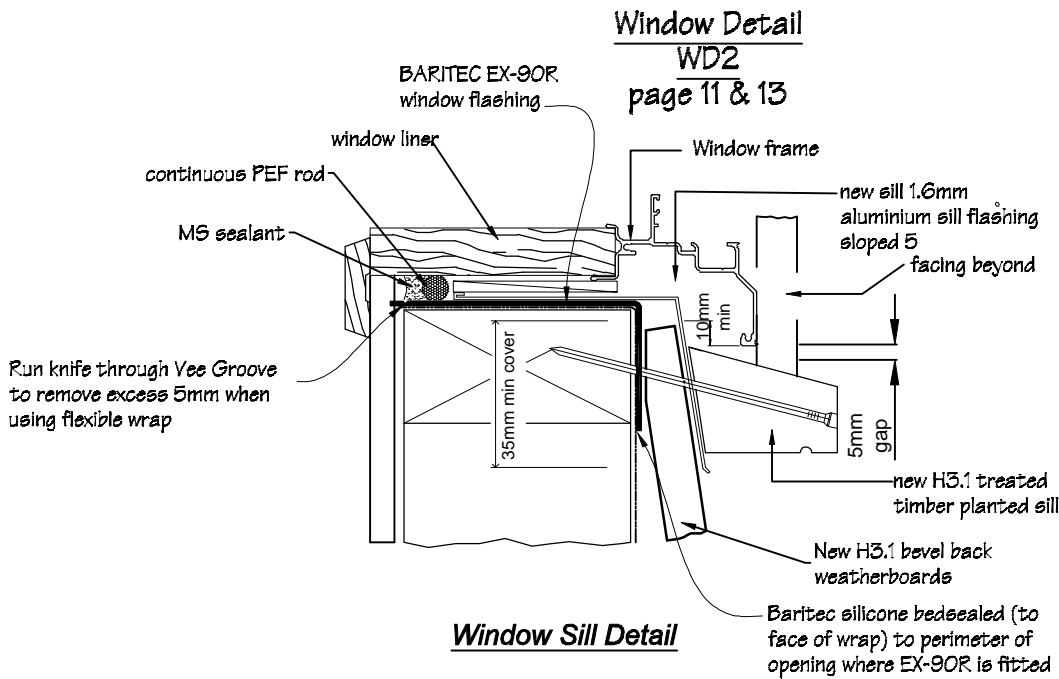
- NOTES:
- Allow to lift existing cladding to fit flashing tape & flashings etc.
 - BARITEC EX-90R window flashing to be installed in accordance with manufacture's instructions.
 - Flashing tape to be Thermakraft Aluband.
 - PEF air seal backing rod to be Thermakraft Window-Worm.
 - MS sealant to be ADOS MS Adhesive Sealant.
 - All new timber members within existing framing to be H3.2 treated.



Window Jamb Detail




Window Head Detail

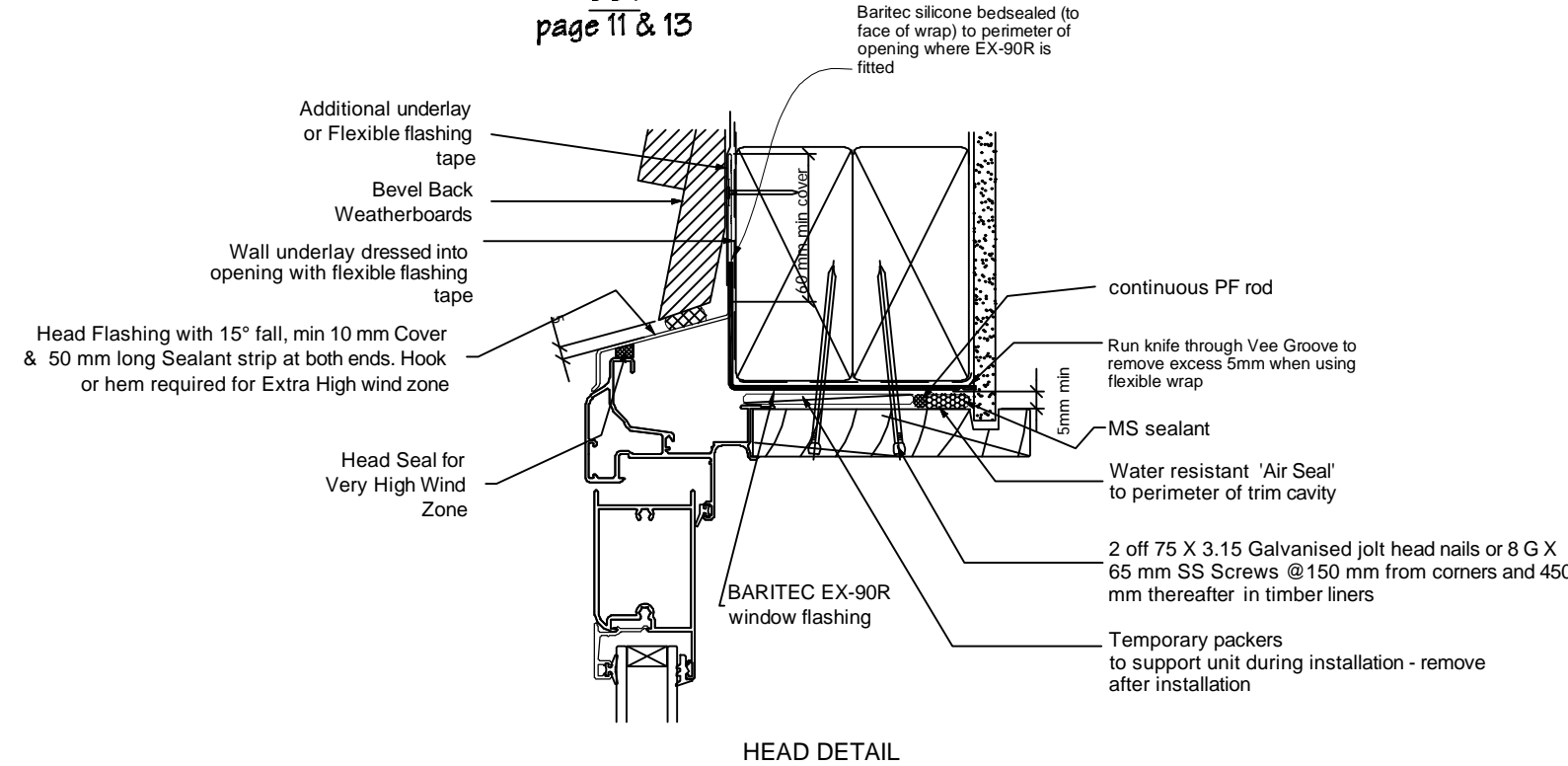


Window Sill Detail

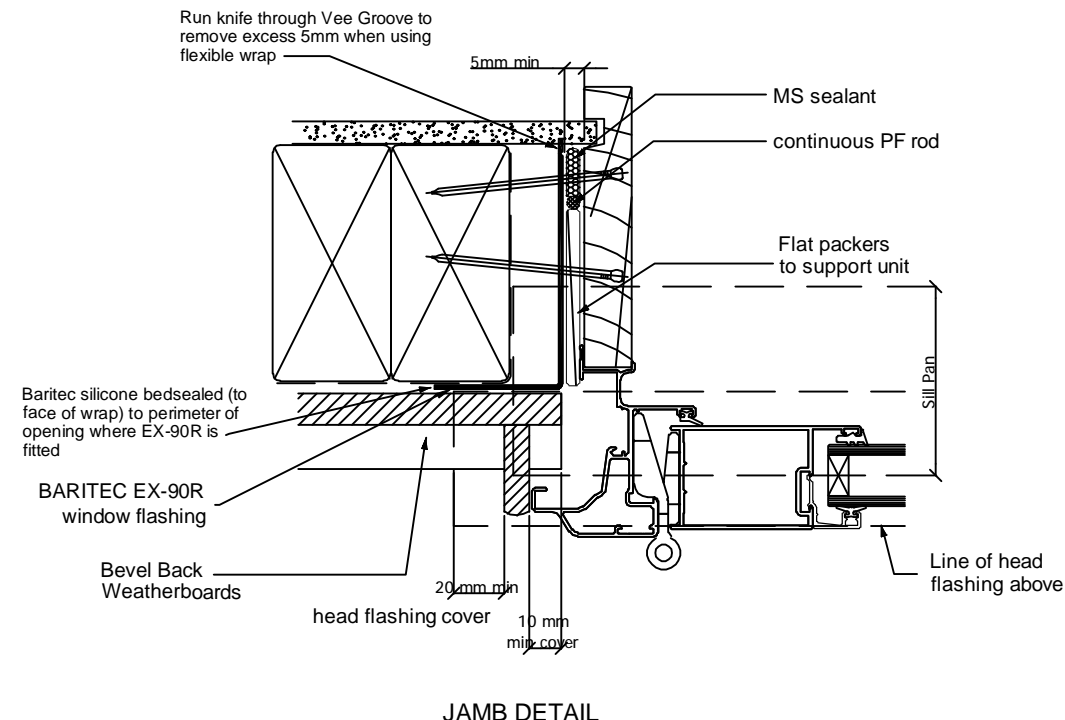
Measure all openings on site before ordering fabrication of new aluminium joinery. The Ministry of Education also require a minimum of a 10mm gap between new/existing timber framing and liners. Air seals to all joinery are to comprise of: Thermakraft Window-Worm PEF air seal backing rod with ADOS MS sealant. Flexible flashing tape to be Thermakraft Aluband.

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						Date 20/05/16 Original sheet size A3 Drawn S.T. Sheet No 14 of 16 Dwg Ref 14	

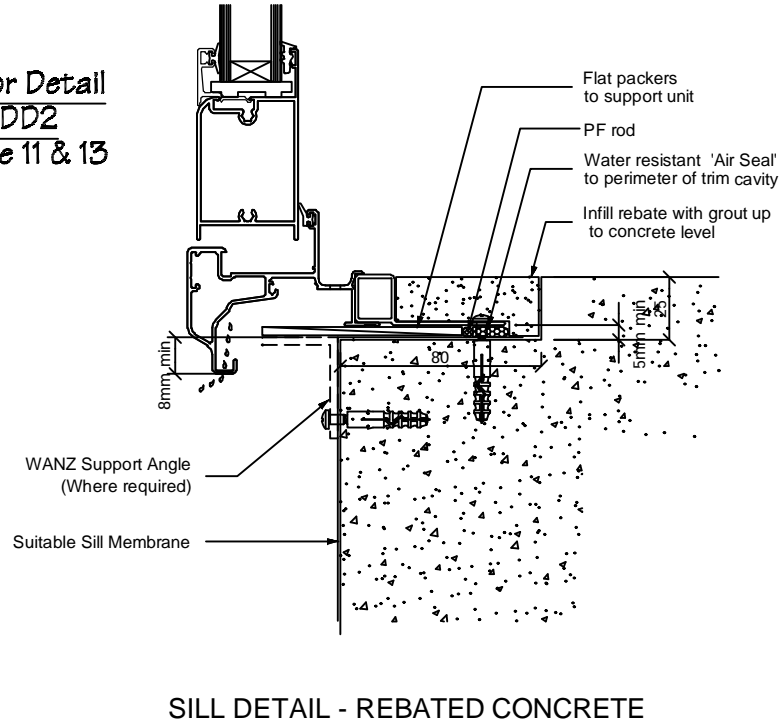
Door Detail
DD1
page 11 & 13




Door Detail
DD3
page 11 & 13



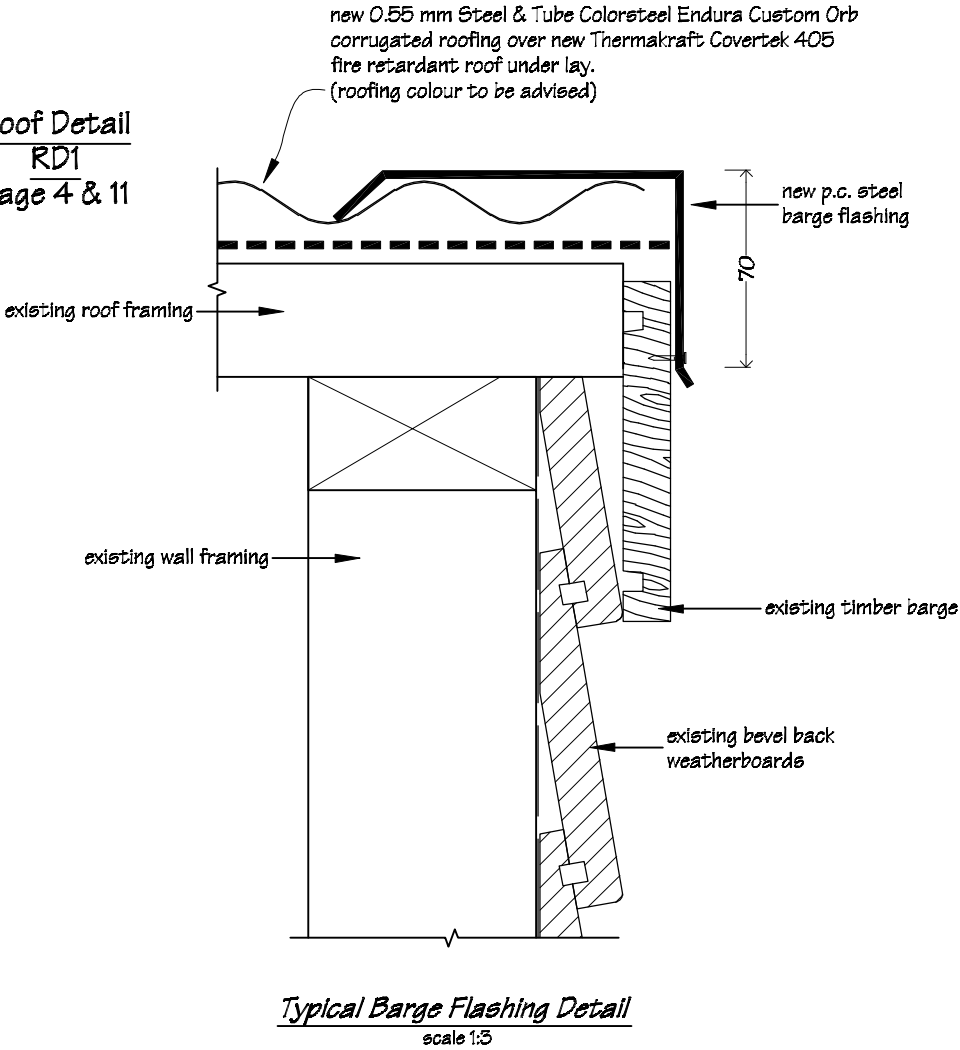
Door Detail
DD2
page 11 & 13



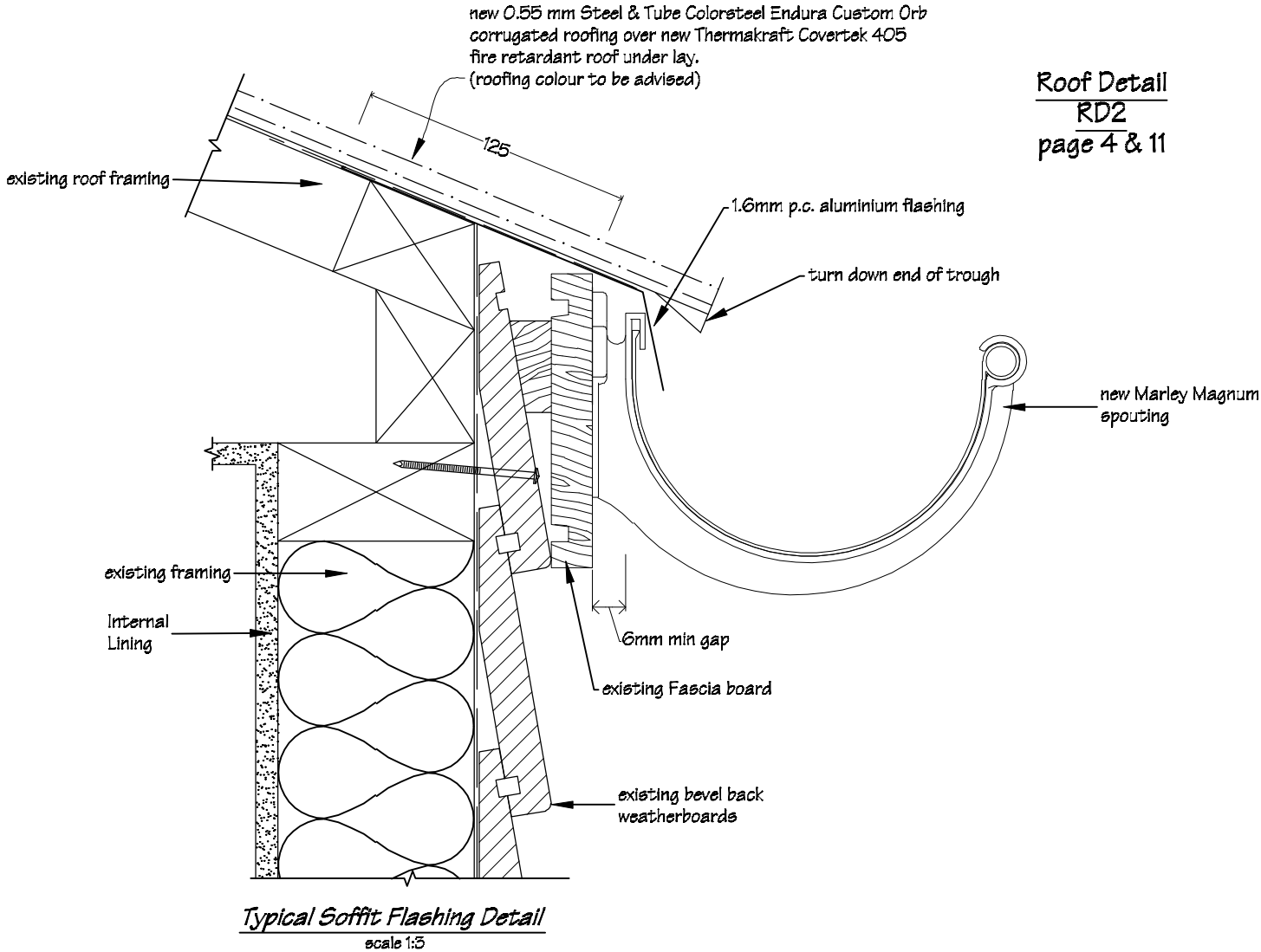
- NOTES:
- Allow to lift existing cladding to fit flashing tape & flashings etc.
 - BARITEC EX-90R window flashing to be installed in accordance with manufacture's instructions.
 - Flashing tape to be Thermakraft Aluband.
 - PEF air seal backing rod to be Thermakraft Window-Worm.
 - MS sealant to be ADOS MS Adhesive Sealant.
 - All new timber members within existing framing to be H3.2 treated.

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						Original sheet size A3	
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						Sheet No 15 of 16	
						Dwg Ref	15

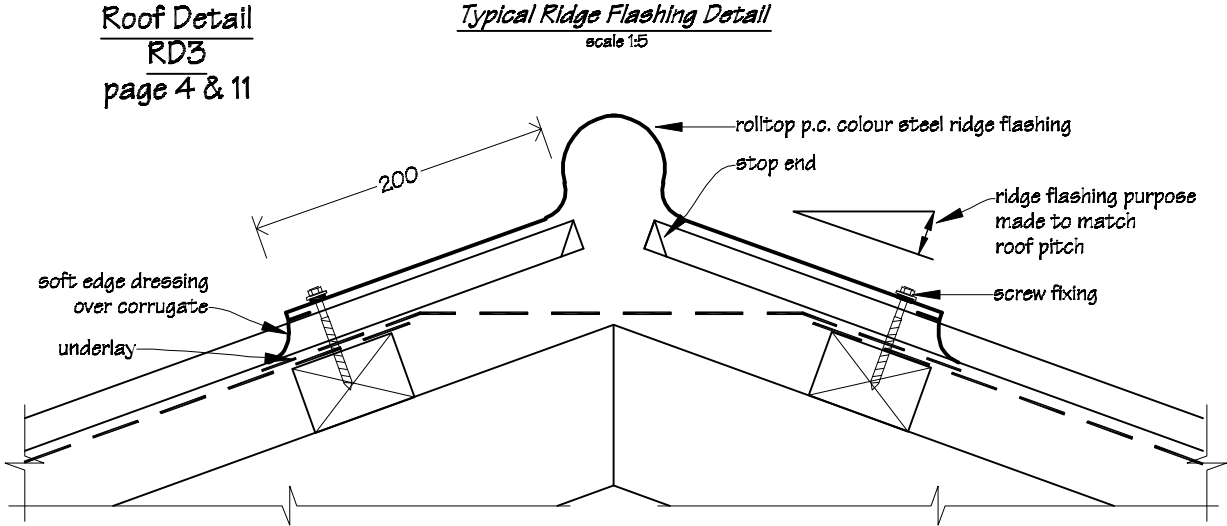
Roof Detail
RD1
page 4 & 11




Roof Detail
RD2
page 4 & 11



Roof Detail
RD3
page 4 & 11



 IR Group Ltd Design - Project Management - Planning	Phone- Office 04 526-7711	Makoura College Makora Road Masterton	PROJECT	DRAWING TITLE	REVISIONS	Scale	as shown	Pricing/Building Consent Drawings		
	Mobile- Ian 021-427.347					Date	20/05/16			
	Mobile- Stephen 027-3355889					Original sheet size	A3			
	Email- ian@irgroup.co.nz					Block D Alterations	Typical Roof Flashing Details	Drawn	S.T.	Do not scale from drawings. Check all dimensions on site.
	steve@irgroup.co.nz							Sheet No	16 of 16	
	Web- www.irgroup.co.nz							Dwg Ref	16	