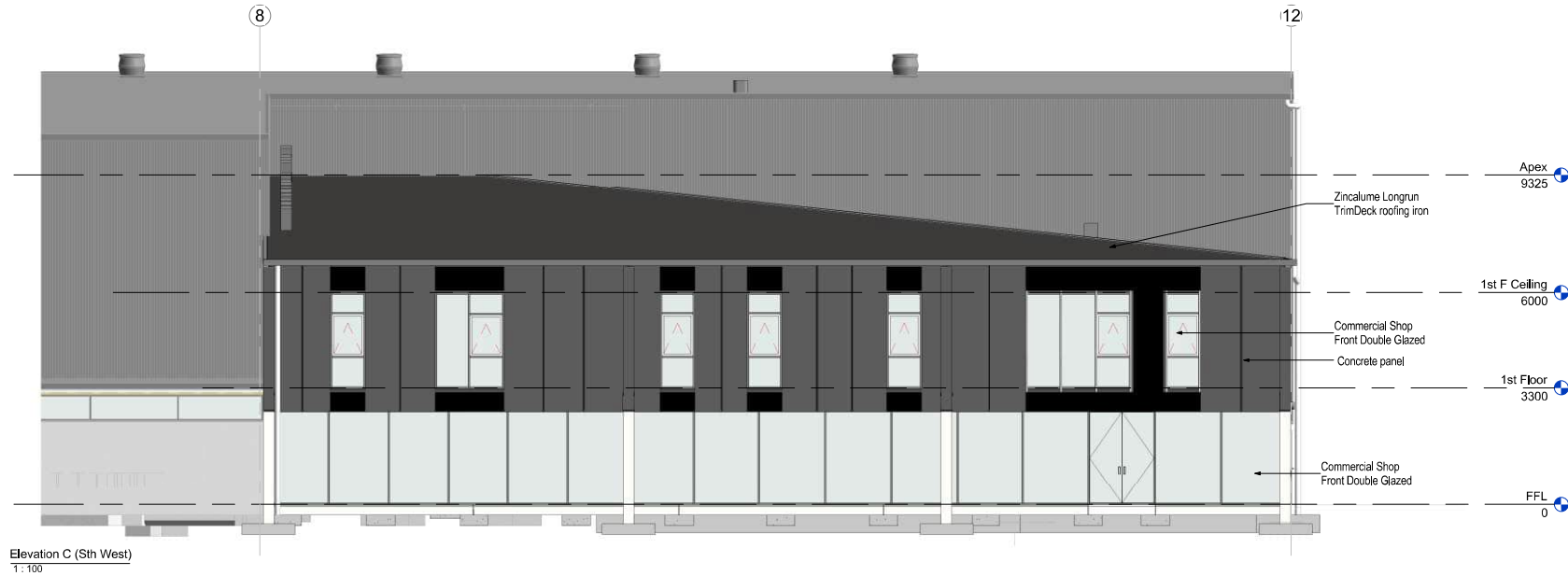
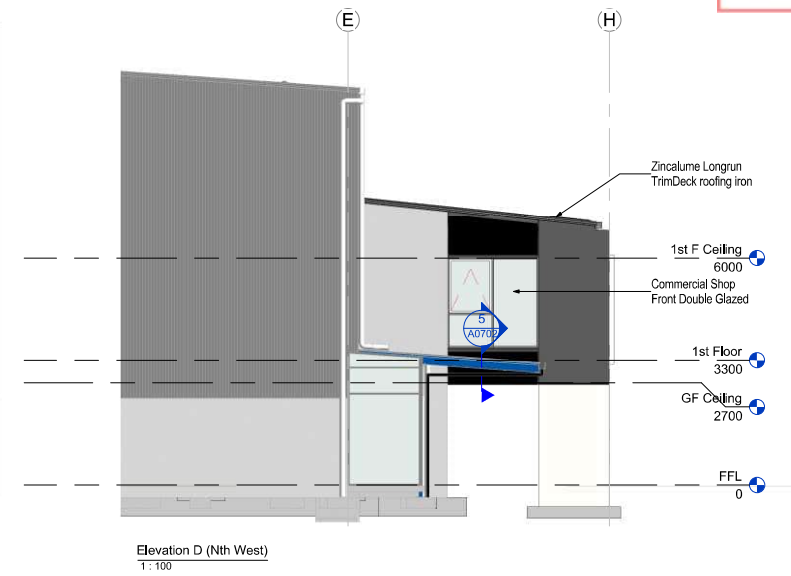
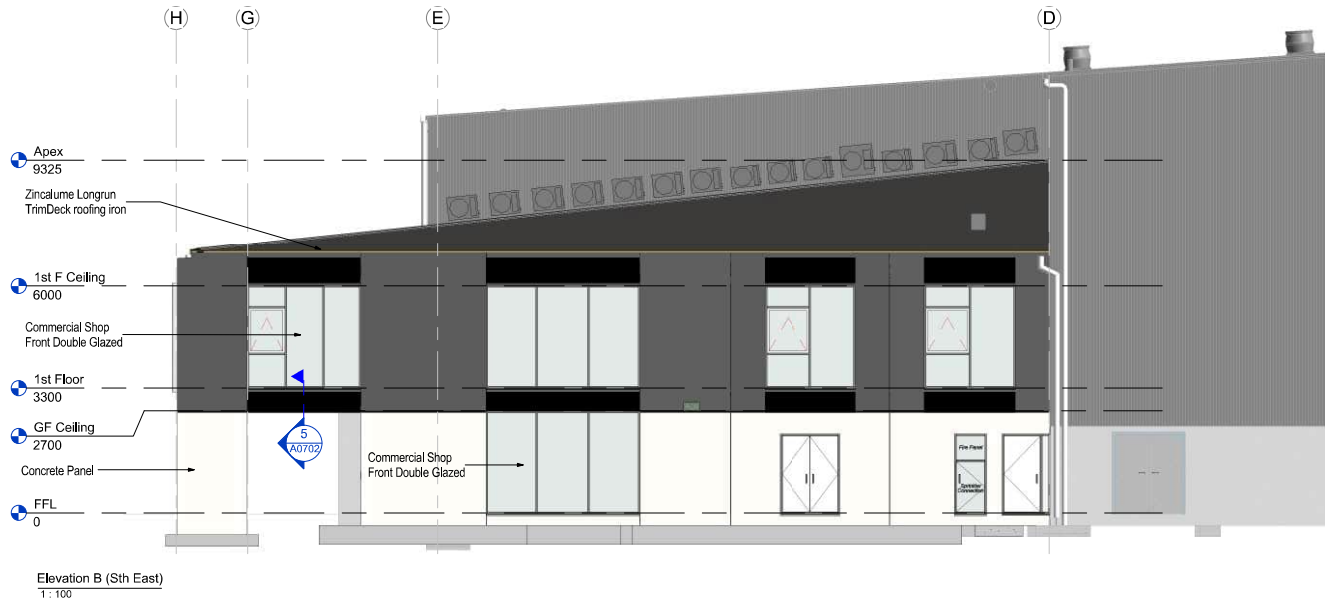


Wall Key:	
<b>Wall Type:</b>	S1: 90x45 Timber frame
	S2: 140x45 Timber frame
	S3: PC Panel
	S4: CLT
	S5: 40mm goldfoam poly with 10mm Gib
<b>Lining Type:</b>	L1: 10mm GIB plaster board
	L2: Plasterboard wet area
	L3: CLT
<b>Finish Type:</b>	F1: Clear Finish
	F2: Paint Finish
	F3: Fireshield fire rated coating system
Floor Finish Key:	
<b>EM</b>	Entrance Matting System
<b>LIN</b>	Linoleum
<b>CPT</b>	Selected Carpet
<b>PC</b>	Polished Concrete
<b>CON</b>	Concrete Floor



Refer to TM Consultants Civil plans

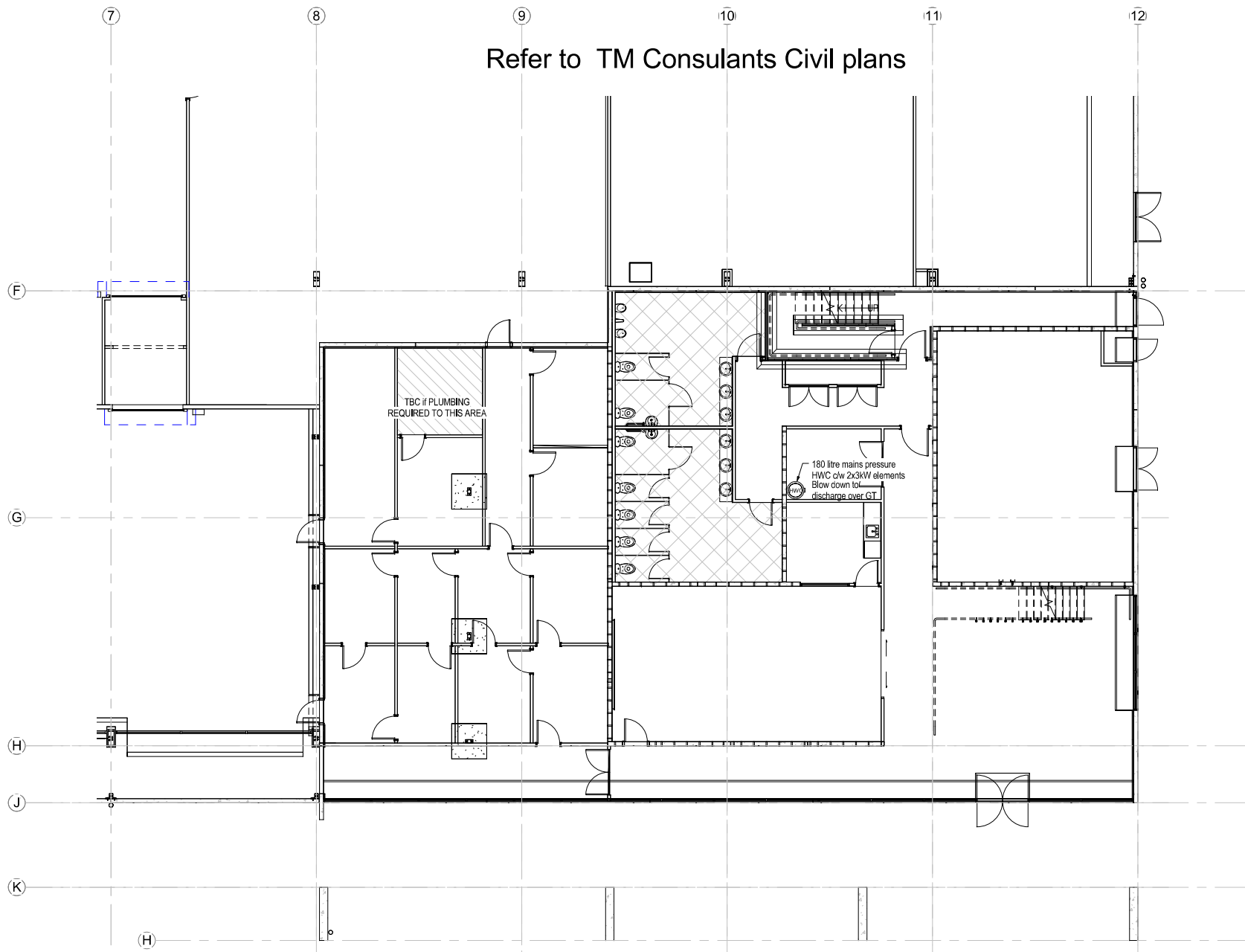
PLUMBING LEGEND		
FIXTURE	PIPE SIZE	GRADIENT
WC	100Ø	1:60
Vanities	65Ø	1:40
Wash Trough	40Ø	1:40
Shower	40Ø	1:40
Sink	65Ø	1:40
Urinal	50Ø	1:20
Foul Drain	100Ø	1:60
Stormwater	as per plan	as per plan

- - - - -	sewer
- - - - -	water
- - - - -	stormwater

All fixtures to be back vented or to approval of inspector on-site

Internal plumbing to ASNZ 3500.2.2003



① Plumbing Ground Floor  
1: 100

**THOMPSON**  
CONSTRUCTION & ENGINEERING

Thompson Engineering 2002 Ltd | 99 Bay of Plenty Way, Taranaki | 99 Meadows Road, Taranaki  
 Document Set ID: 1061-1066

PROJECT

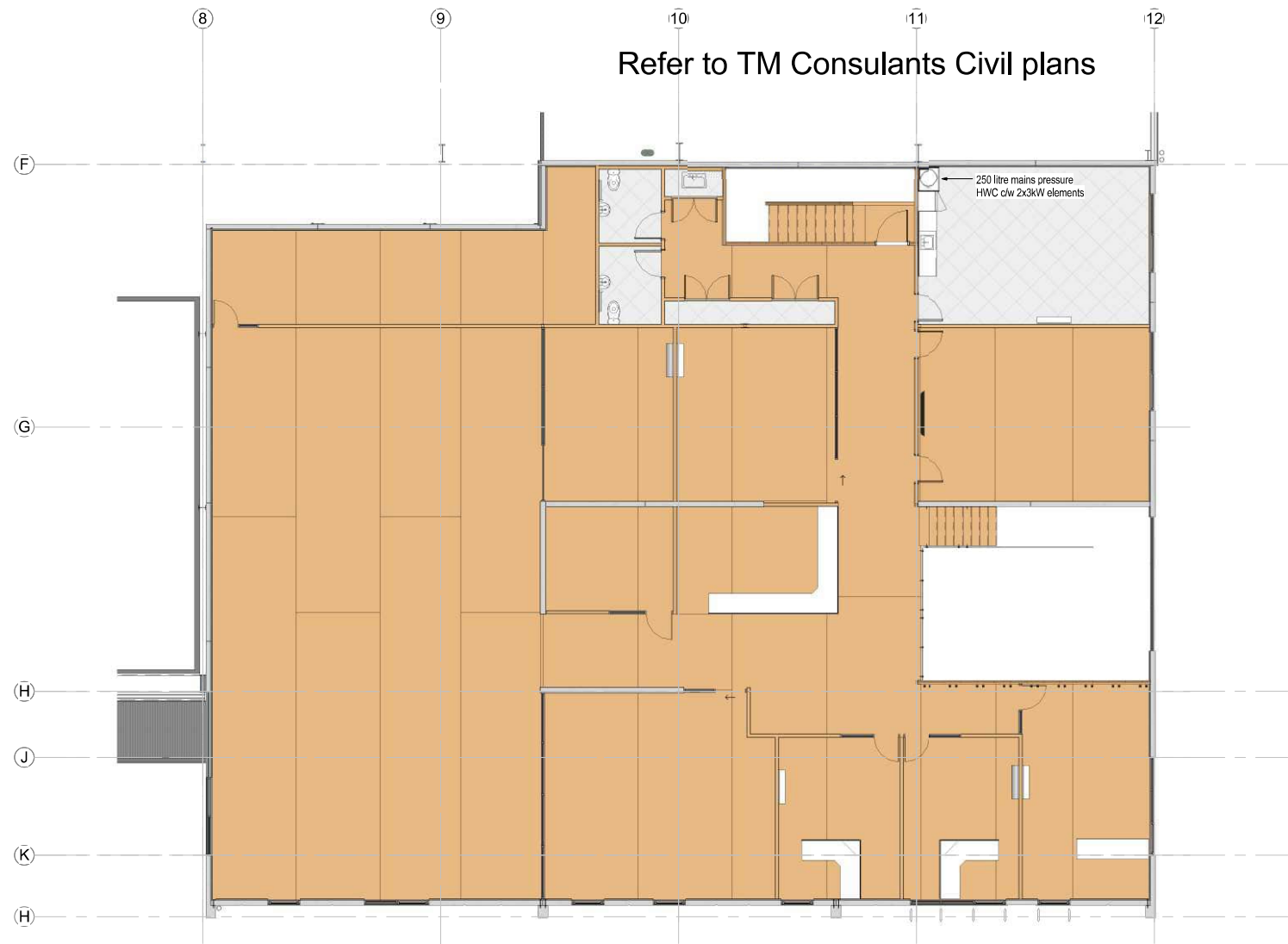
**Arch**

NZ Dairy Collaborative Group **For BC Submission**  
 Infant Formula Blending Plant Offices  
 9 Ashford Ave., Ashburton

30/05/2016 11:56:19 a.m.

Rev#	Amendments	Date

SCALE	1: 100 @ A2	JOB #	12413
DRAWN BY	C. White	DATE	13/05/16
APPROVED BY	A. Cloake	REV	
<b>Plumbing Ground Floor</b>		<b>A0500</b>	
Please note: All dimensions to be verified on site			Paper size: A2



① Plumbing First Floor  
1:100



PROJECT  
**Arch**  
NZ Dairy Collaborative Group **For BC Submission**  
Infant Formula Blending Plant Offices  
9 Ashford Ave., Ashburton

Rev#	Amendments	Date

SCALE	1:100 @ A2	JOB #	12413
DRAWN BY	C. White	DATE	13/05/16
APPROVED BY	A. Cloake	REV	
<b>Plumbing First Floor</b>		<b>A0501</b>	
Please note: All dimensions to be verified on site			Paper size: A2

Door Schedule Ground Floor

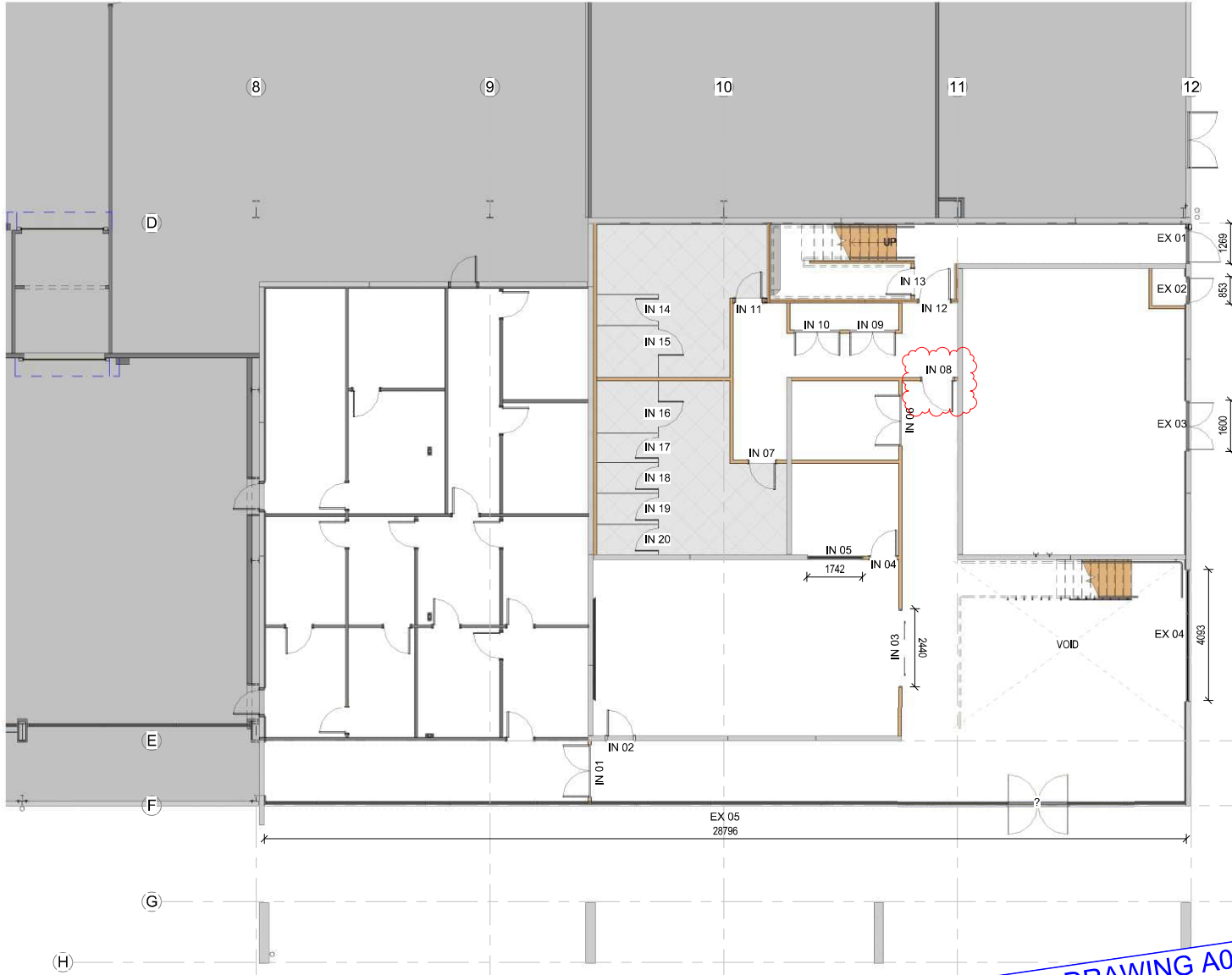
Mark	Type Mark	Width	Height	Fire Rating	Thickness
IN 01	Solid Core	1620	1980	-/60/-sm	40
IN 02	Solid core	810	1980		40
IN 04	Solid Core	810	1980		40
IN 06	Solid Core	1620	1980		38
IN 07	Solid Core	810	1980		40
IN 08	Solid core	960	1980	-/-/-sm	40
IN 09	Solid Core	1420	1980	-/-/-sm	40
IN 10	Solid Core	1420	1980	-/-/-sm	40
IN 11	Solid Core	810	1980		40
IN 12	Solid Core	960	1980	-/30/-sm	40
IN 13	Solid Core	810	1980	-/30/-sm	40
IN 14	Partition Toilet Door	710	1830		18
IN 15	Partition Toilet Door Accessible	810	1830		18
IN 16	Partition Toilet Door Accessible	810	1830		18
IN 17	Partition Toilet Door	710	1830		18
IN 18	Partition Toilet Door	710	1830		18
IN 19	Partition Toilet Door	710	1830		18
IN 20	Partition Toilet Door	710	1830		18

Internal Aluminium Door and Window Schedule Ground floor

Mark	Keynote	Length	Unconnected Height	Area	Base Constraint
IN 03	Commercial Shop Front Double Glazed Automatic Doors	2440	2400	6 m <sup>2</sup>	FFL
IN 05	Shopfront Series, Single glazed	1742	1100	2 m <sup>2</sup>	FFL
Grand total: 2				8 m <sup>2</sup>	

External Aluminium Door and Window Schedule Ground Floor

Mark	Keynote	Length	Unconnected Height	Area	Base Constraint
EX 01	Aluminium Solid Panel	1269	2100	3 m <sup>2</sup>	FFL
EX 02	Fire control Door	853	2100	2 m <sup>2</sup>	FFL
EX 03	Aluminium Solid Panel	1600	2100	3 m <sup>2</sup>	FFL
EX 04	Commercial Shop Front Double Glazed	4093	2700	11 m <sup>2</sup>	FFL
EX 05	Commercial Shop Front Double Glazed	28796	2712	78 m <sup>2</sup>	FFL
EX 08	Commercial Shop Front Double Glazed	4093	2700	11 m <sup>2</sup>	FFL
Grand total: 6				108 m <sup>2</sup>	



D & W Ground Floor  
1:100

**SUPERSEDED DRAWING - REFER DRAWING A0600 - 16/6/16**

Door Schedule Ground Floor

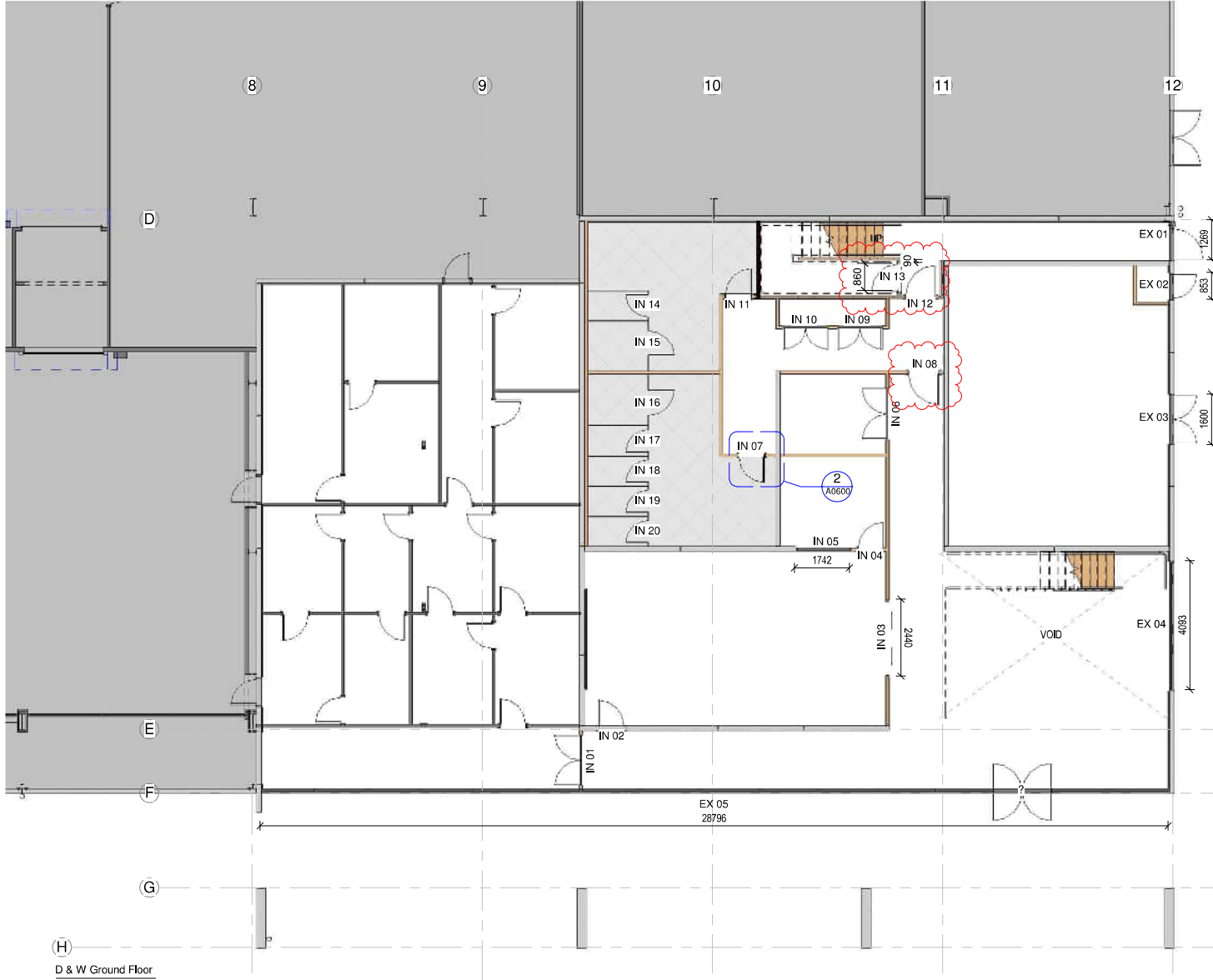
Mark	Type Mark	Width	Height	Fire Rating	Thickness
IN 01	Solid Core	1620	1980	-/60/-sm	40
IN 02	Solid core	810	1980		40
IN 04	Solid Core	810	1980		40
IN 06	Solid Core	1620	1980		38
IN 07	Solid Core	810	1980		40
IN 08	Solid core	960	1980	-/-/-sm	40
IN 09	Solid Core	1420	1980	-/-/-sm	40
IN 10	Solid Core	1420	1980	-/-/-sm	40
IN 11	Solid Core	810	1980		40
IN 12	Solid Core	960	1980	-/30/-sm	40
IN 13	168	860	1980	-/30/-sm	40
IN 14	Partition Toilet Door	710	1830		18
IN 15	Partition Toilet Door Accessible	810	1830		18
IN 16	Partition Toilet Door Accessible	810	1830		18
IN 17	Partition Toilet Door	710	1830		18
IN 18	Partition Toilet Door	710	1830		18
IN 19	Partition Toilet Door	710	1830		18
IN 20	Partition Toilet Door	710	1830		18

Internal Aluminium Door and Window Schedule Ground floor

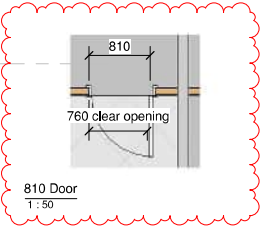
Mark	Keynote	Length	Unconnected Height	Area	Base Constraint
IN 03	Commercial Shop Front Double Glazed Automatic Doors	2440	2400	6 m <sup>2</sup>	FFL
IN 05	Shopfront Series, Single glazed	1742	1100	2 m <sup>2</sup>	FFL
Grand total: 2				8 m <sup>2</sup>	

External Aluminium Door and Window Schedule Ground Floor

Mark	Keynote	Length	Unconnected Height	Area	Base Constraint
EX 01	Aluminium Solid Panel	1289	2100	3 m <sup>2</sup>	FFL
EX 02	Fire control Door	853	2100	2 m <sup>2</sup>	FFL
EX 03	Aluminium Solid Panel	1600	2100	3 m <sup>2</sup>	FFL
EX 04	Commercial Shop Front Double Glazed	4093	2700	11 m <sup>2</sup>	FFL
EX 05	Commercial Shop Front Double Glazed	28796	2712	78 m <sup>2</sup>	FFL
EX 08	Commercial Shop Front Double Glazed	4093	2700	11 m <sup>2</sup>	FFL
Grand total: 6				108 m <sup>2</sup>	



D & W Ground Floor  
1:100





**Door Schedule 1st Floor**

Mark	Type Mark	Width	Height	Fire Rating	Thickness
IN 21	Solid Core	960	1980	-/30/-sm	40
IN 22	Hollow Core	1420	1980		40
IN 23	Solid Core	810	1980		40
IN 24	Solid Core	810	1980		40
IN 25	Hollow Core	1420	1980		40
IN 26	Hollow Core	1420	1980		40
IN 27	Solid Core	810	1980		40
IN 28	Solid Core	810	1980		40
IN 29	Solid Core	810	1980		40

**Internal Aluminium Door and Window Schedule 1st floor**

Mark	Keynote	Length	Unconnecte d Height	Area	Base Constraint
IN 30	Shopfront Series, Single glazed	5445	2700	15 m <sup>2</sup>	1st Floor
IN 31	Shopfront Series, Single glazed	5405	2400	13 m <sup>2</sup>	1st Floor
IN 32	Shopfront Series, Single glazed	6440	2400	15 m <sup>2</sup>	1st Floor
IN 33	Shopfront Series, Single glazed	2021	2400	5 m <sup>2</sup>	1st Floor
IN 35	Shopfront Series, Single glazed	1868	2400	4 m <sup>2</sup>	1st Floor
IN 36	Shopfront Series, Single glazed	1868	2400	4 m <sup>2</sup>	1st Floor
IN 37	Shopfront Series, Single glazed	1628	2400	4 m <sup>2</sup>	1st Floor
IN 38	Shopfront Series, Single glazed	1400	2400	3 m <sup>2</sup>	1st Floor

**External Aluminium Door and Window Schedule 1st Floor**

Mark	Keynote	Length	Unconnected Height	Area	Base Constraint
EX 06	Commercial Shop Front Double Glazed	2400	2700	6 m <sup>2</sup>	1st Floor
EX 07	Commercial Shop Front Double Glazed	2400	2700	6 m <sup>2</sup>	1st Floor
EX 09	Commercial Shop Front Double Glazed	3000	2700	8 m <sup>2</sup>	1st Floor
EX 10	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 11	Commercial Shop Front Double Glazed	2973	2700	8 m <sup>2</sup>	1st Floor
EX 12	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 13	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 14	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 15	Commercial Shop Front Double Glazed	1969	2700	5 m <sup>2</sup>	1st Floor
EX 16	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 17	Commercial Shop Front Double Glazed	2400	2381	6 m <sup>2</sup>	1st Floor

Grand total: 11 53 m<sup>2</sup>

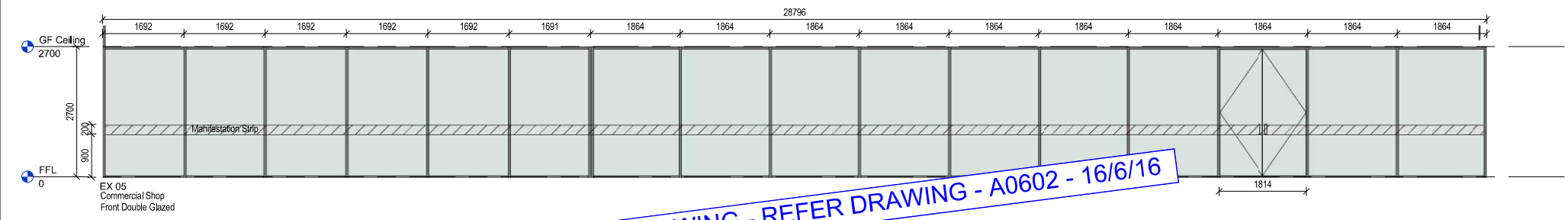
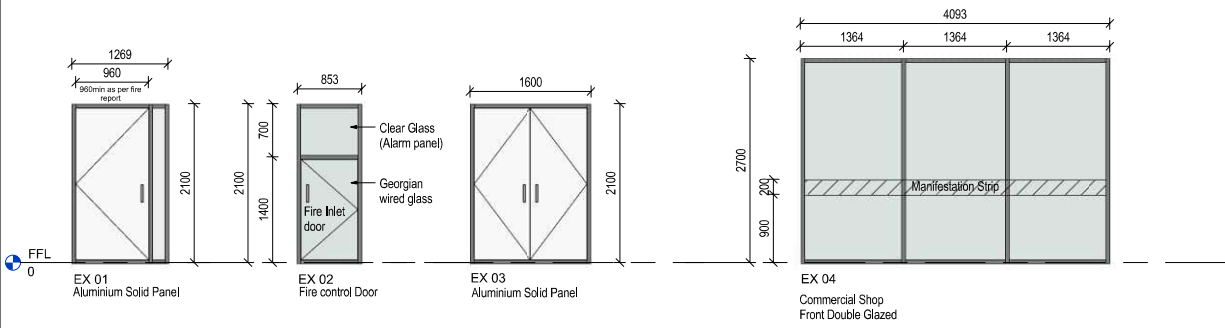
D & W First Floor  
1:100



**PROJECT**  
**Arch**  
 NZ Dairy Collaborative Group **For BC Submission**  
 Infant Formula Blending Plant Offices  
 30/05/2016 11:56:20 a.m.  
 9 Ashford Ave., Ashburton

Rev#	Amendments	Date	SCALE	JOB #
			1:100 @ A2	12413
			DRAWN BY C. White	DATE 13/05/16
			APPROVED BY A. Cloake	REV
			<b>D W First Floor Plan</b>	<b>A0601</b>
			Please note: All dimensions to be verified on site	Sheet size: A2

**D & W Schedule NOTE:**  
The main contractor is to ensure all door and window dimensions are checked prior to the manufacturer of any doors or windows, refer to the floor plans and elevations for positions. Glazing within 1500mm above the FFL is to be Grade A safety glass in accordance with table 3.1, glazing greater than 1500 of the floor level to be annealed glass NZS 4223:part 4 & part 3



**SUPERSEDED DRAWING - REFER DRAWING - A0602 - 16/6/16**

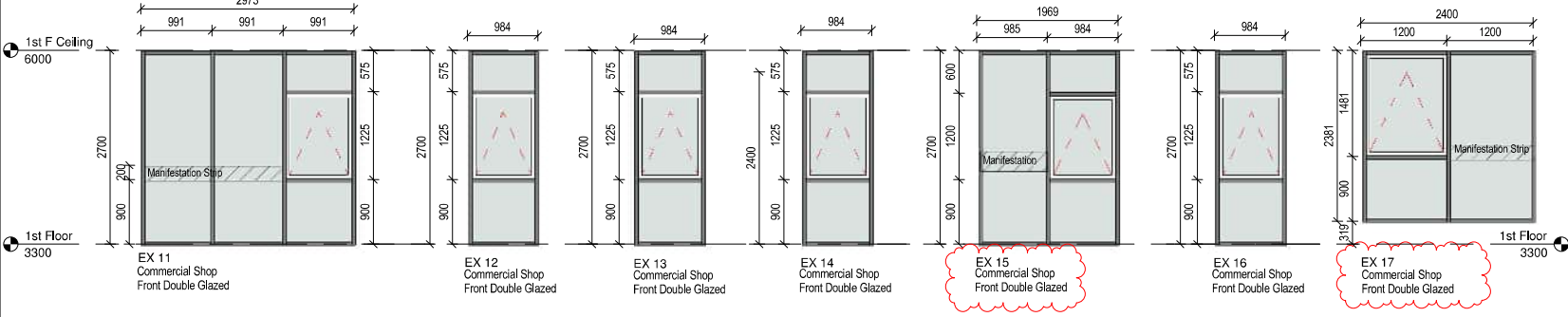
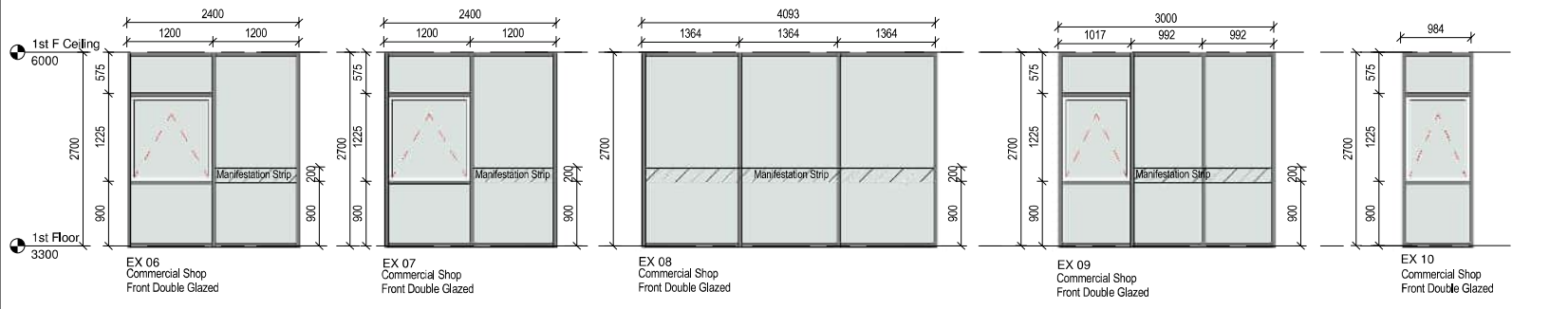
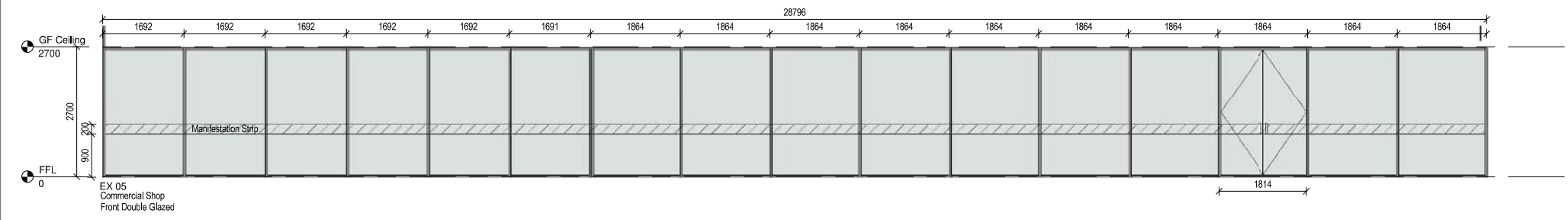
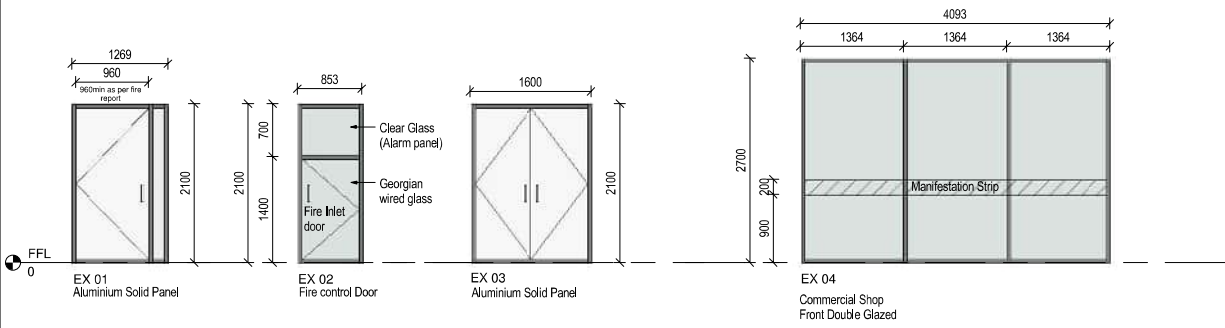


**External Aluminium Door and Window Schedule**

Mark	Keynote	Length	Unconnected Height	Area	Base Constraint
EX 01	Aluminium Solid Panel	1269	2100	3 m <sup>2</sup>	FFL
EX 02	Fire control Door	853	2100	2 m <sup>2</sup>	FFL
EX 03	Aluminium Solid Panel	1600	2100	3 m <sup>2</sup>	FFL
EX 04	Commercial Shop Front Double Glazed	4093	2700	11 m <sup>2</sup>	FFL
EX 05	Commercial Shop Front Double Glazed	28796	2712	78 m <sup>2</sup>	FFL
EX 06	Commercial Shop Front Double Glazed	2400	2700	6 m <sup>2</sup>	1st Floor
EX 07	Commercial Shop Front Double Glazed	2400	2700	6 m <sup>2</sup>	1st Floor
EX 08	Commercial Shop Front Double Glazed	4093	2700	11 m <sup>2</sup>	FFL
EX 09	Commercial Shop Front Double Glazed	3000	2700	8 m <sup>2</sup>	1st Floor
EX 10	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 11	Commercial Shop Front Double Glazed	2973	2700	8 m <sup>2</sup>	1st Floor
EX 12	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 13	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 14	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 15	Commercial Shop Front Double Glazed	1969	2700	5 m <sup>2</sup>	1st Floor
EX 16	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 17	Commercial Shop Front Double Glazed	2400	2381	6 m <sup>2</sup>	1st Floor
Grand total: 17				161 m <sup>2</sup>	

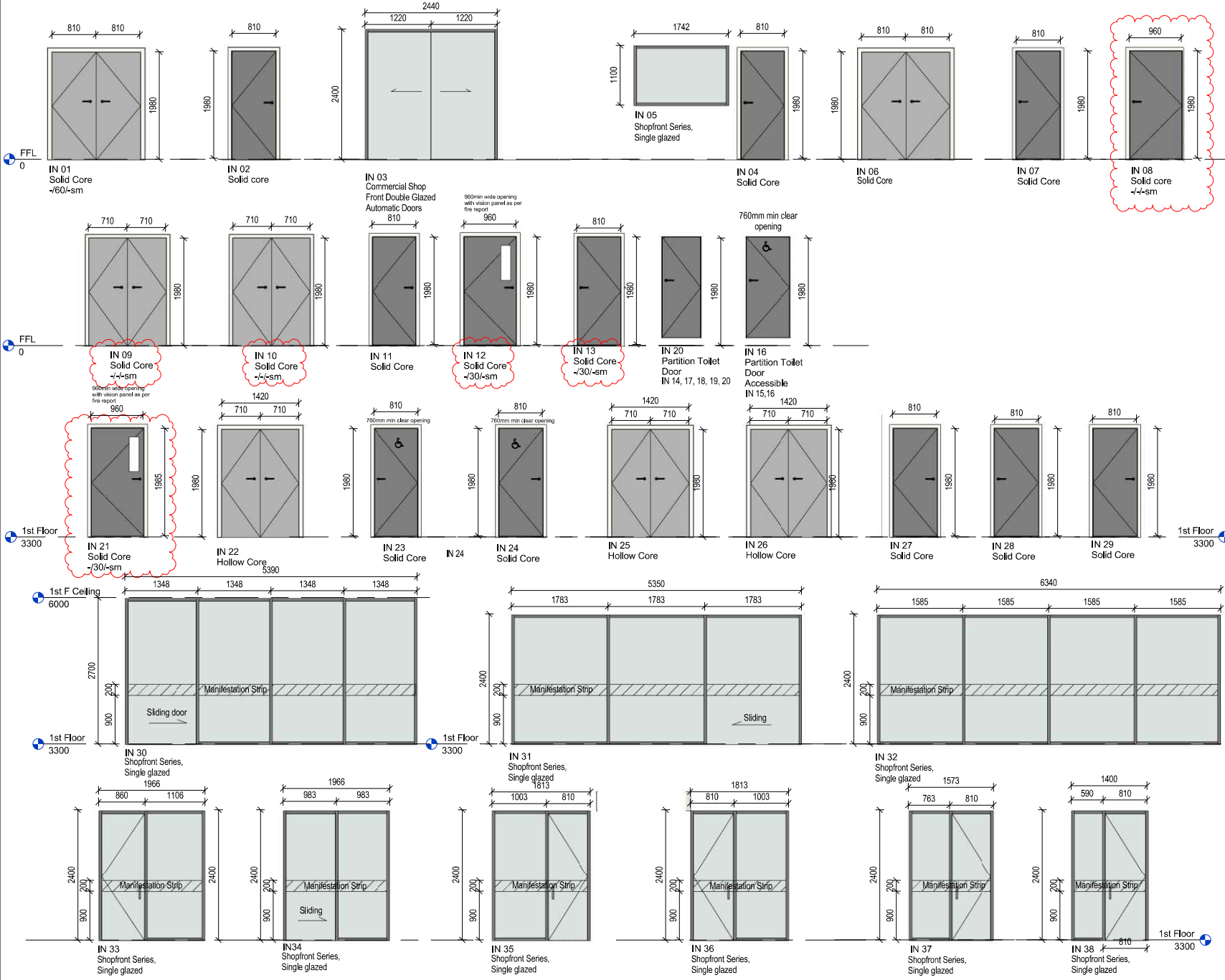
**D & W Schedule NOTE**

The main contractor is to ensure all door and window opening dimensions are checked prior to the manufacturer of any doors or windows, refer to the floor plans and elevations for positions. Glazing within 1500mm above the FFL is to be Grade A safety glass in accordance with table 3.1, glazing greater than 1500 of the floor level to be annealed glass NZS 4223:part 4 & part 3



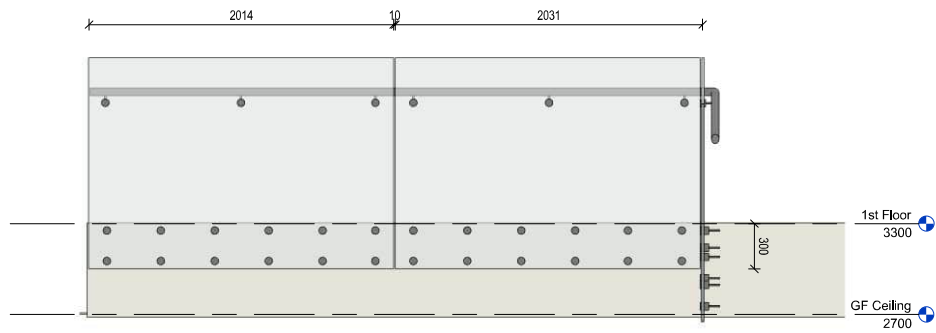
**External Aluminium Door and Window Schedule**

Mark	Keynote	Length	Unconnected Height	Area	Base Constraint
EX 01	Aluminium Solid Panel	1269	2100	3 m <sup>2</sup>	FFL
EX 02	Fire control Door	853	2100	2 m <sup>2</sup>	FFL
EX 03	Aluminium Solid Panel	1600	2100	3 m <sup>2</sup>	FFL
EX 04	Commercial Shop Front Double Glazed	4093	2700	11 m <sup>2</sup>	FFL
EX 05	Commercial Shop Front Double Glazed	28796	2712	78 m <sup>2</sup>	FFL
EX 06	Commercial Shop Front Double Glazed	2400	2700	6 m <sup>2</sup>	1st Floor
EX 07	Commercial Shop Front Double Glazed	2400	2700	6 m <sup>2</sup>	1st Floor
EX 08	Commercial Shop Front Double Glazed	4093	2700	11 m <sup>2</sup>	FFL
EX 09	Commercial Shop Front Double Glazed	3000	2700	8 m <sup>2</sup>	1st Floor
EX 10	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 11	Commercial Shop Front Double Glazed	2973	2700	8 m <sup>2</sup>	1st Floor
EX 12	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 13	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 14	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 15	Commercial Shop Front Double Glazed	1969	2700	5 m <sup>2</sup>	1st Floor
EX 16	Commercial Shop Front Double Glazed	984	2700	3 m <sup>2</sup>	1st Floor
EX 17	Commercial Shop Front Double Glazed	2400	2381	6 m <sup>2</sup>	1st Floor
Grand total: 17				161 m <sup>2</sup>	

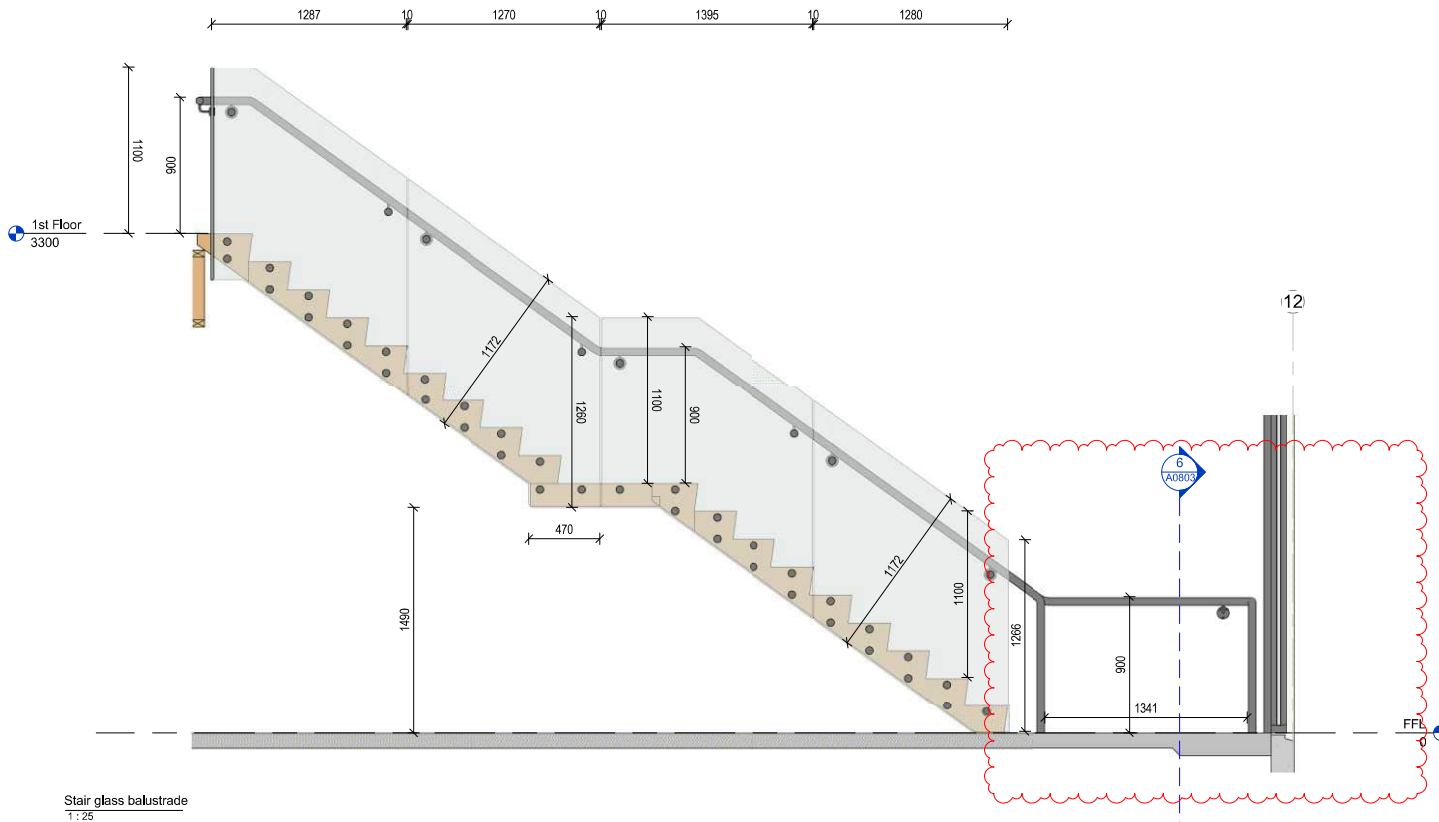


Door Schedule					
Mark	Type	Width	Height	Fire Rating	Thickness
IN 01	Solid Core	1620	1980	-/60/-sm	40
IN 02	Solid core	810	1980		40
IN 04	Solid Core	810	1980		40
IN 06	Solid Core	1620	1980		38
IN 07	Solid Core	810	1980		40
IN 08	Solid core	960	1980	-/1/-sm	40
IN 09	Solid Core	1420	1980	-/1/-sm	40
IN 10	Solid Core	1420	1980	-/1/-sm	40
IN 11	Solid Core	810	1980		40
IN 12	Solid Core	960	1980	-/30/-sm	40
IN 13	Solid Core	810	1980	-/30/-sm	40
IN 14	Partition Toilet Door	710	1830		18
IN 15	Partition Toilet Door Accessible	810	1830		18
IN 16	Partition Toilet Door Accessible	810	1830		18
IN 17	Partition Toilet Door	710	1830		18
IN 18	Partition Toilet Door	710	1830		18
IN 19	Partition Toilet Door	710	1830		18
IN 20	Partition Toilet Door	710	1830		18
IN 21	Solid Core	960	1980	-/30/-sm	40
IN 22	Hollow Core	1420	1980		40
IN 23	Solid Core	810	1980		40
IN 24	Solid Core	810	1980		40
IN 25	Hollow Core	1420	1980		40
IN 26	Hollow Core	1420	1980		40
IN 27	Solid Core	810	1980		40
IN 28	Solid Core	810	1980		40
IN 29	Solid Core	810	1980		40

Internal Aluminium Door and Window Schedule					
Mark	Keynote	Length	Unconnected Height	Area	Base Constraint
IN 03	Commercial Shop Front Double Glazed Automatic Doors	2440	2400	6 m²	FFL
IN 05	Shopfront Series, Single glazed	1742	1100	2 m²	FFL
IN 30	Shopfront Series, Single glazed	5445	2700	15 m²	1st Floor
IN 31	Shopfront Series, Single glazed	5405	2400	13 m²	1st Floor
IN 32	Shopfront Series, Single glazed	6440	2400	15 m²	1st Floor
IN 33	Shopfront Series, Single glazed	2021	2400	5 m²	1st Floor
IN 35	Shopfront Series, Single glazed	1868	2400	4 m²	1st Floor
IN 36	Shopfront Series, Single glazed	1868	2400	4 m²	1st Floor
IN 37	Shopfront Series, Single glazed	1628	2400	4 m²	1st Floor
IN 38	Shopfront Series, Single glazed	1400	2400	3 m²	1st Floor



Glass Balustrade upstairs  
1:25



Stair glass balustrade  
1:25



PROJECT

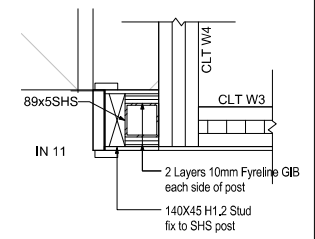
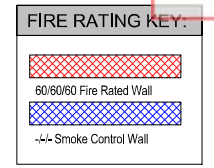
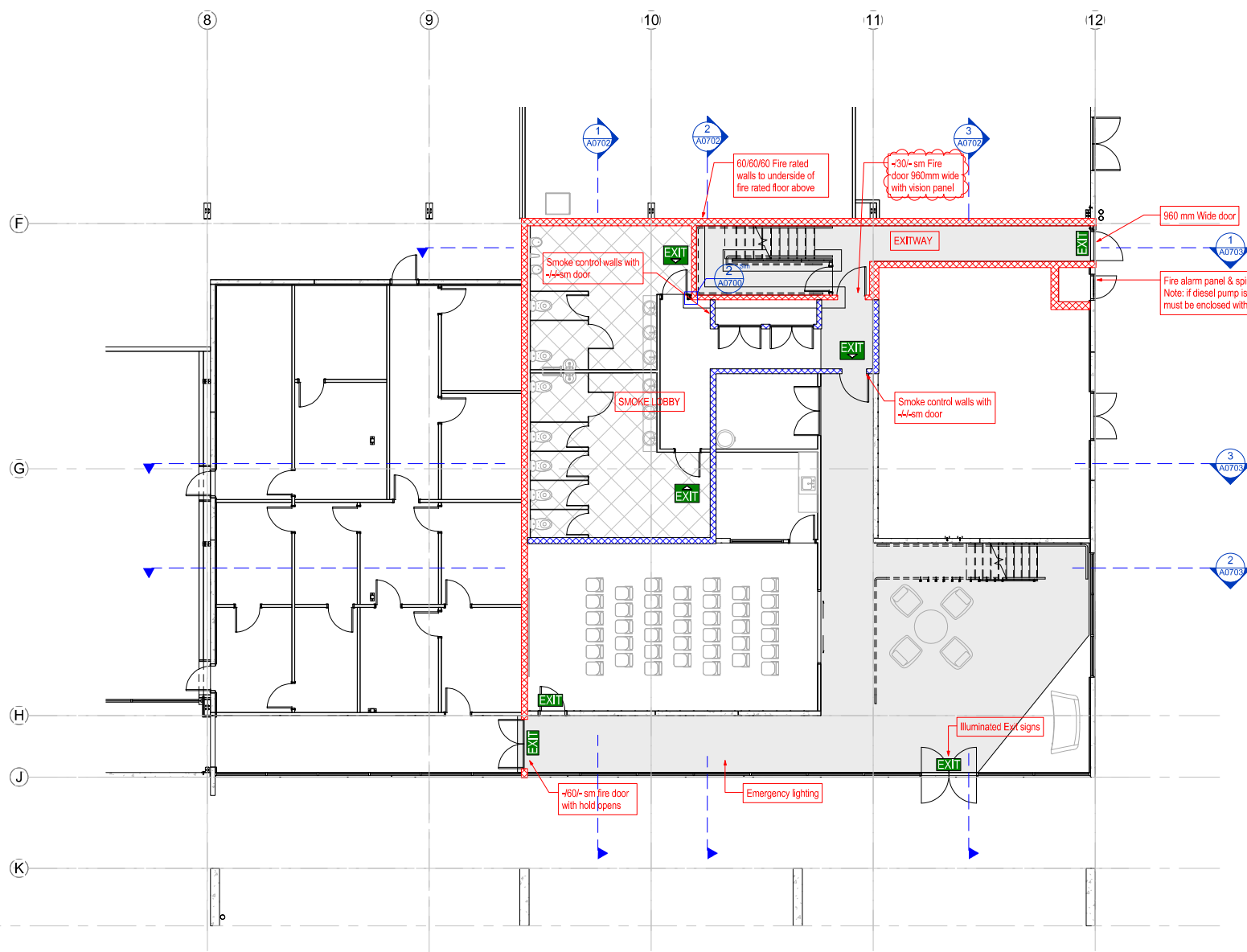
Arch

NZ Dairy Collaborative Group **For BC Submission**  
30/05/2016 11:56:20 a.m.  
Infant Formula Blending Plant Offices

9 Ashford Ave., Ashburton

All Drawings property of Thompson Engineering 2002 Ltd

Rev#	Amendments	Date	SCALE	JOB #
5	Client Changes	24/05/16	1 : 25 @ A2	12413
			DRAWN BY C. White	DATE 13/05/16
			APPROVED BY A. Cloake	REV 5
			<b>Ballustrades</b>	<b>A0604</b>
Please note: All dimensions to be verified on site				Paper size: <b>A2</b>



**2** DETAIL: Fire lining around SHS post  
A02007  
1:10

Fire Plan Ground Floor  
1:100

Thompson Engineering 2002 Ltd | 99 Bay of Plenty | Whangarei + Timaru | 89 Meadows Road + Timaru  
 Document Set ID: 1061-1066

**PROJECT**

**Arch**

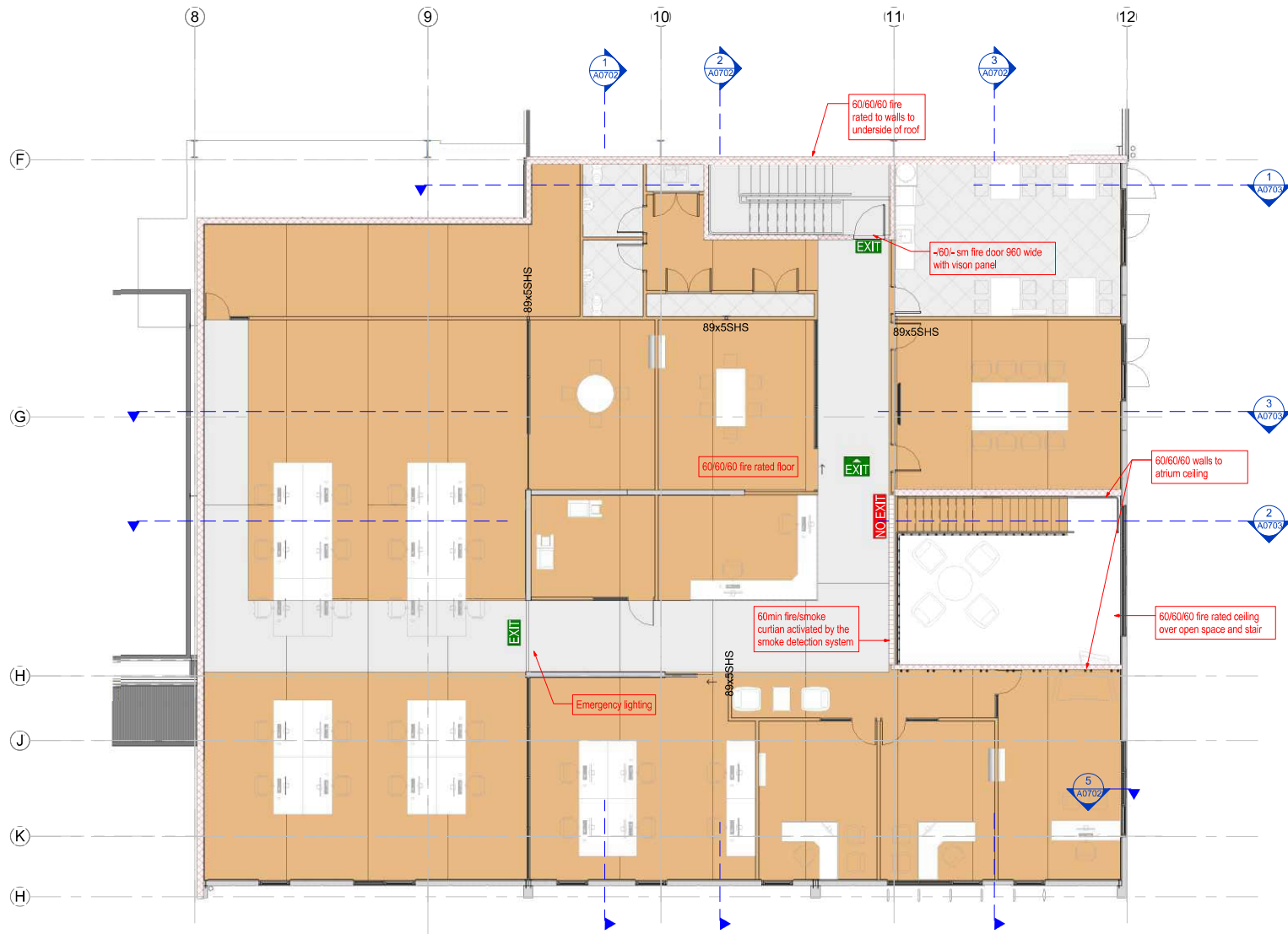
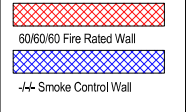
**NZ Dairy Collaborative Group For BC Submission**  
 30/05/2016 11:56:20 a.m.

**Infant Formula Blending Plant Offices**  
 9 Ashford Ave., Ashburton

Rev#	Amendments	Date
3	Fire Rated Mid Floor Steel	20/05/16

<b>SCALE</b>	As indicated @ A2	<b>JOB #</b>	12413
<b>DRAWN BY</b>	C. White	<b>DATE</b>	13/05/16
<b>APPROVED BY</b>	A. Cloake	<b>REV</b>	3
<b>Fire Rating Plan GF</b>		<b>A0700</b>	
Please note: All dimensions to be verified on site			Paper size: <b>A2</b>

**FIRE RATING KEY:**



① Fire Plan First Floor  
1 : 100



PROJECT

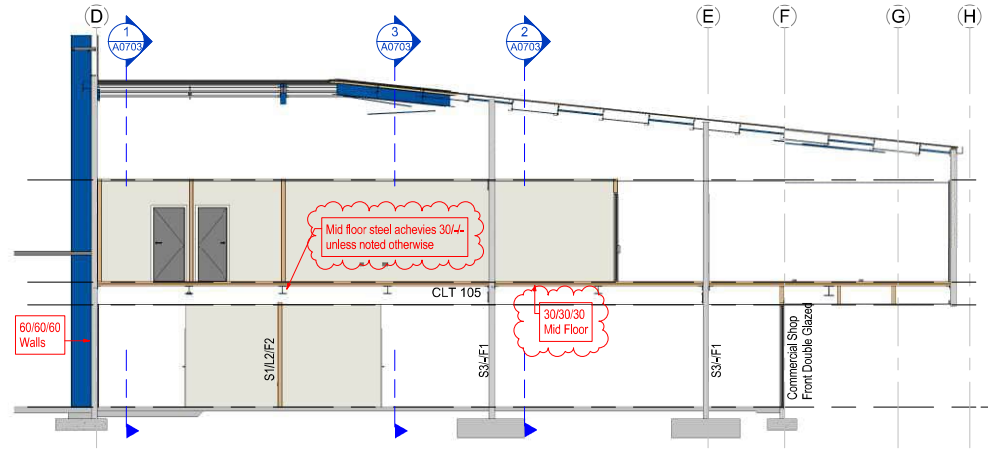
Arch

NZ Dairy Collaborative Group **For BC Submission**  
30/05/2016 11:56:20 a.m.  
Infant Formula Blending Plant Offices

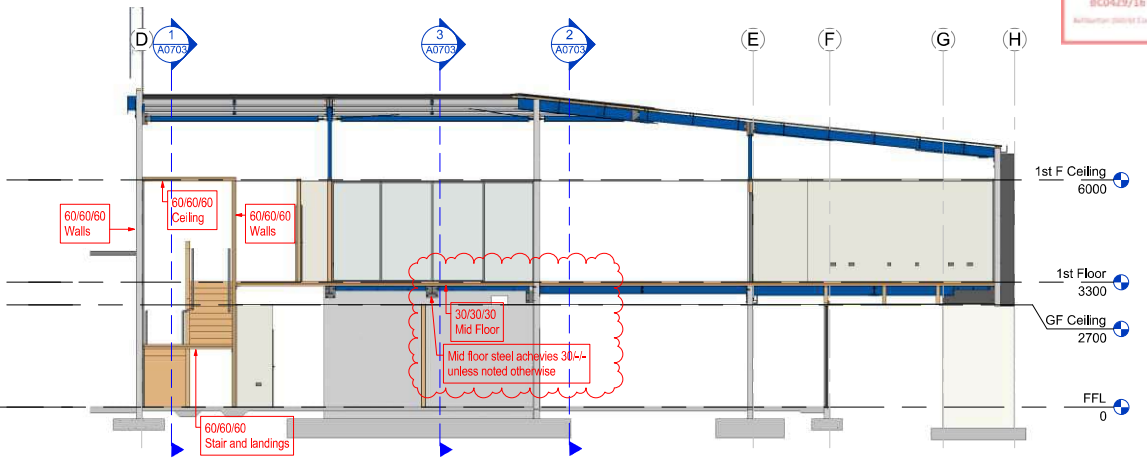
9 Ashford Ave., Ashburton

All Drawings property of Thompson Engineering 2002 Ltd

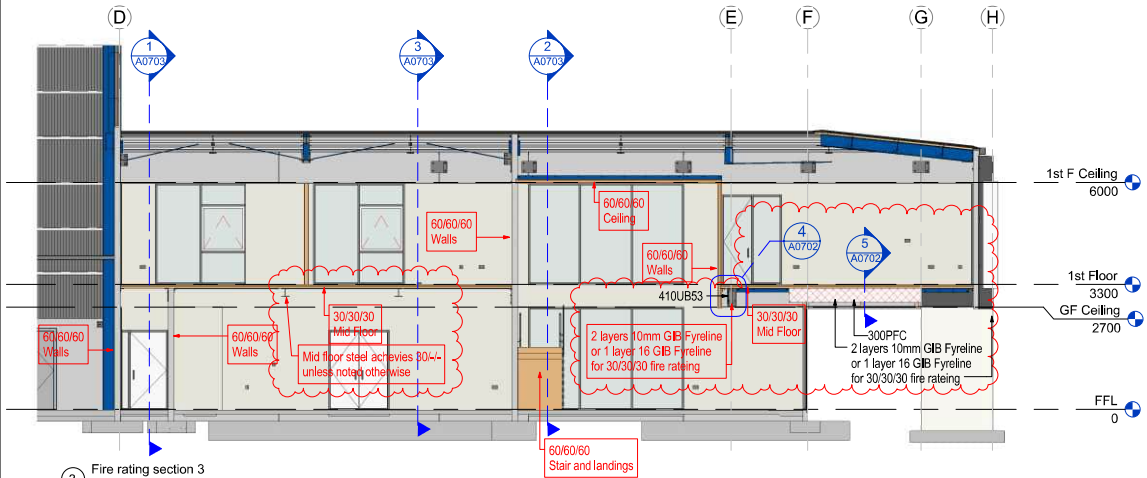
Rev#	Amendments	Date	SCALE As indicated @ A2	JOB # 12413
			DRAWN BY C. White	DATE 13/05/16
			APPROVED BY A. Cloake	REV
			<b>Fire Rating Plan FF</b>	<b>A0701</b>
Please note: All dimensions to be verified on site				Paper size: A2



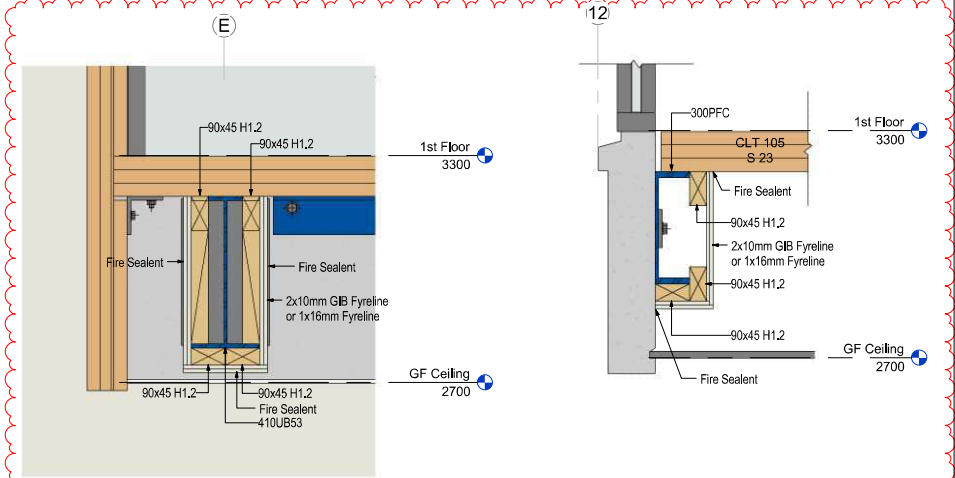
① Fire rating section 1  
1: 100



② Fire rating section 2  
1: 100

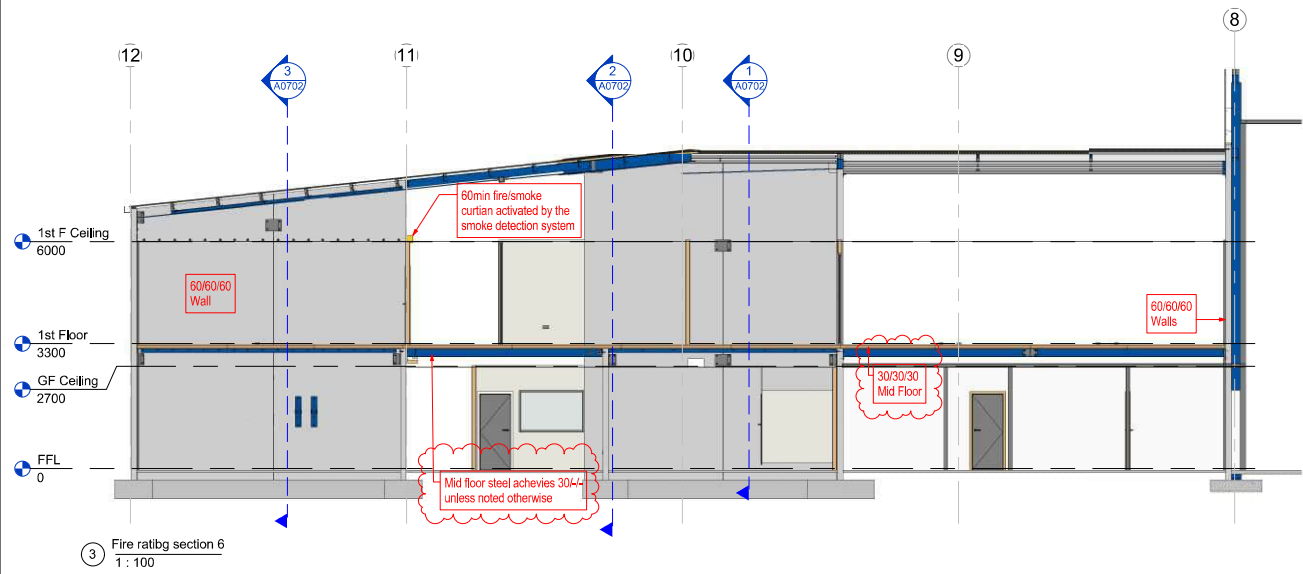
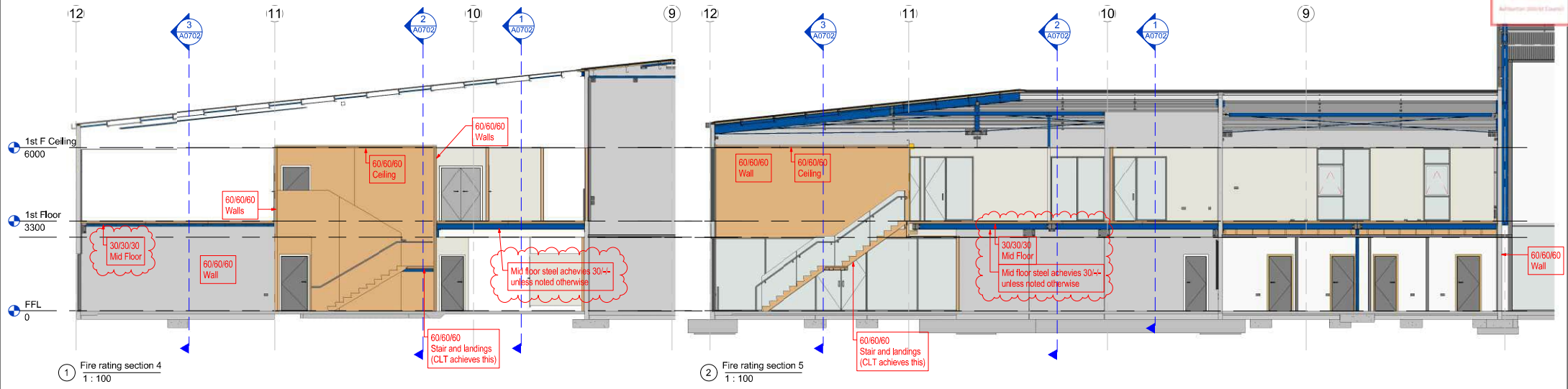


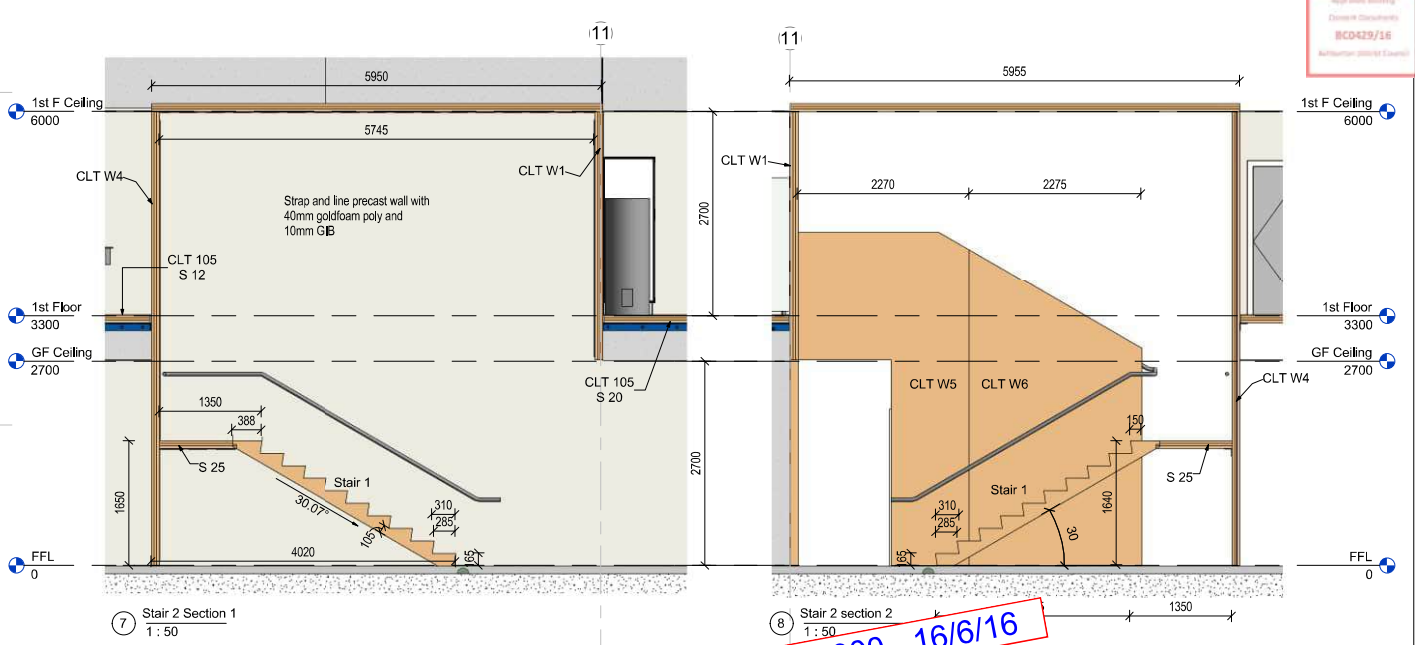
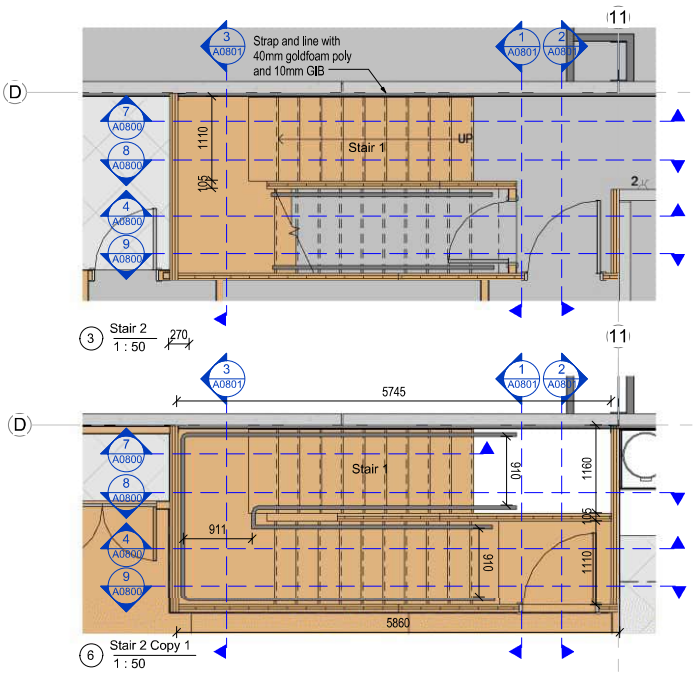
③ Fire rating section 3  
1: 100



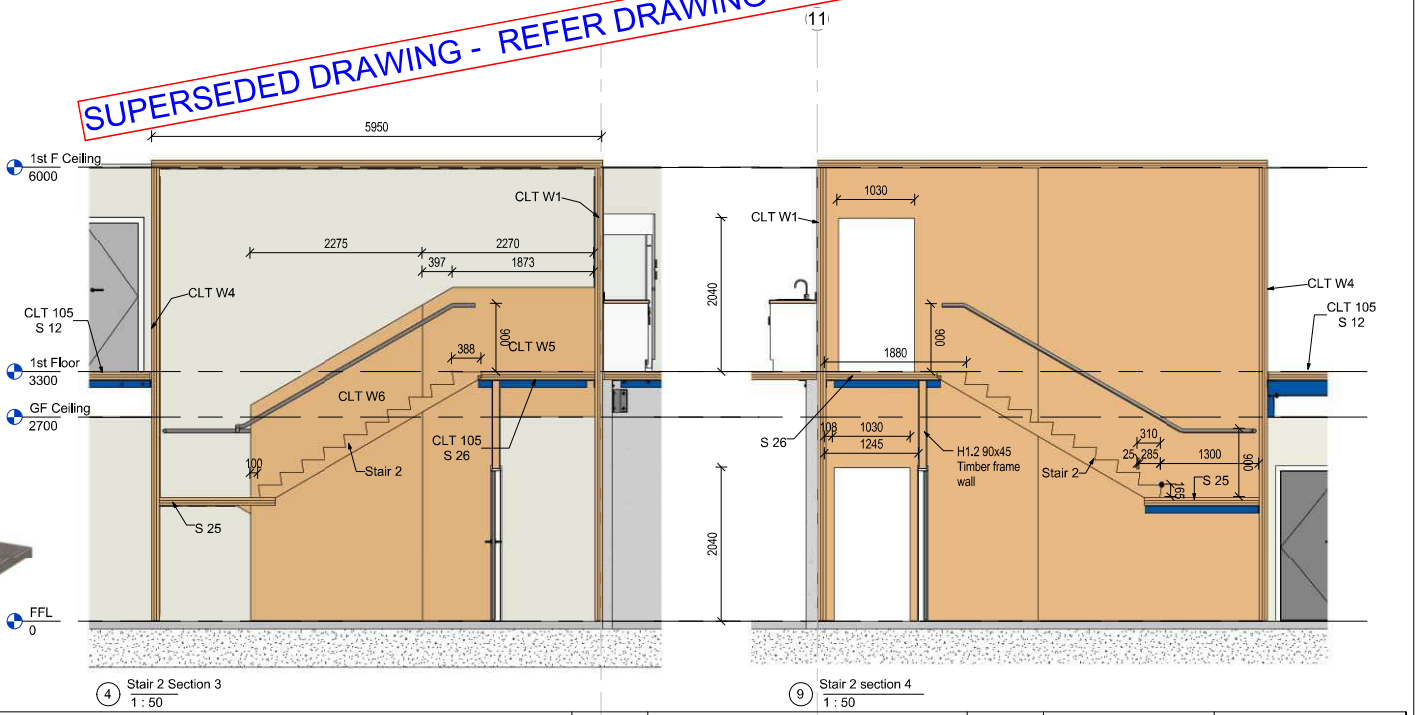
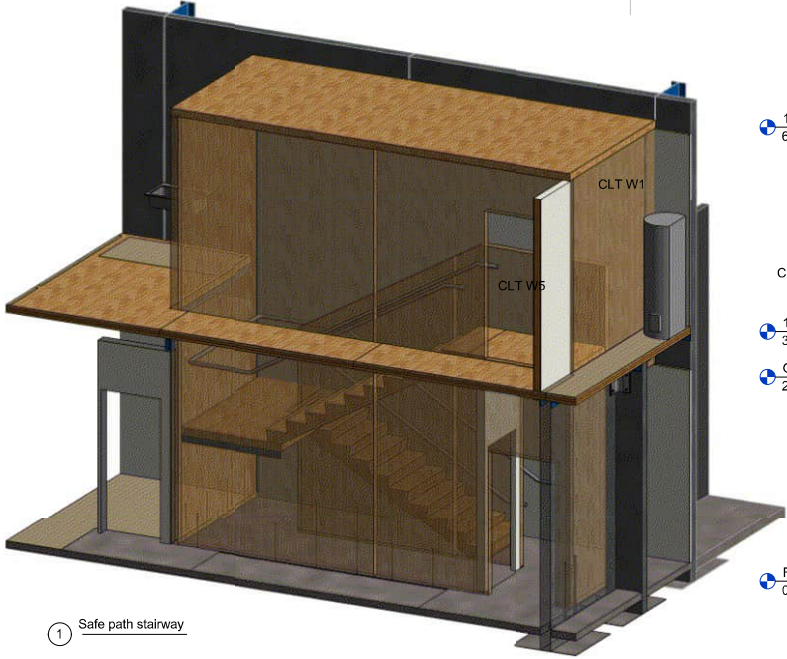
④ Fire rating around 410UB  
1: 10

⑤ Fire rating around 300PFC  
1: 10





**SUPERSEDED DRAWING - REFER DRAWING - A0800 - 16/6/16**

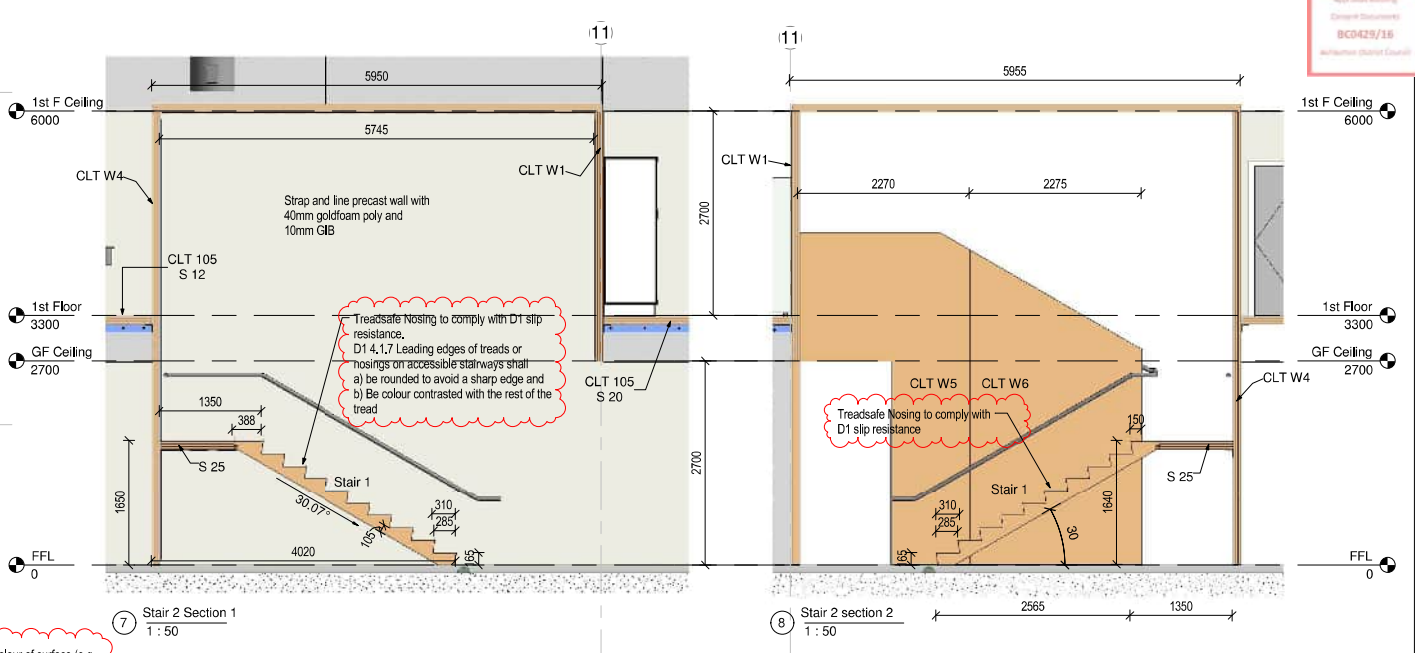
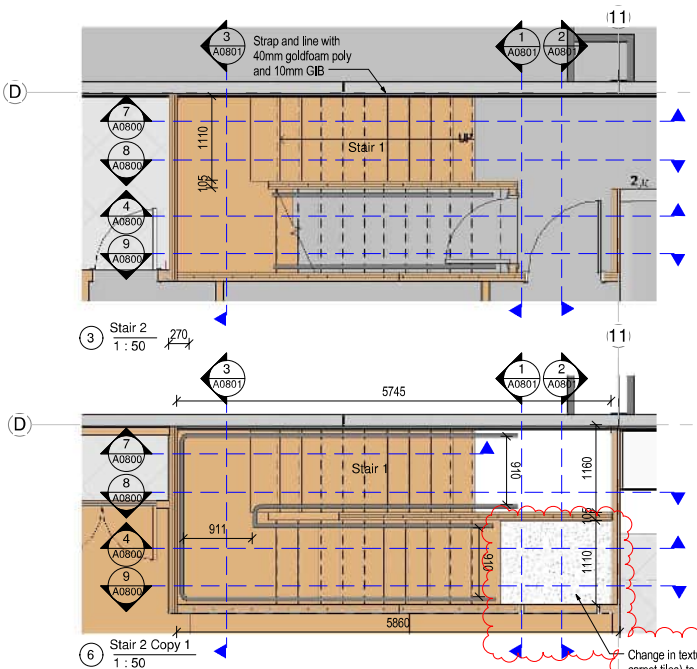


1 Safe path stairway

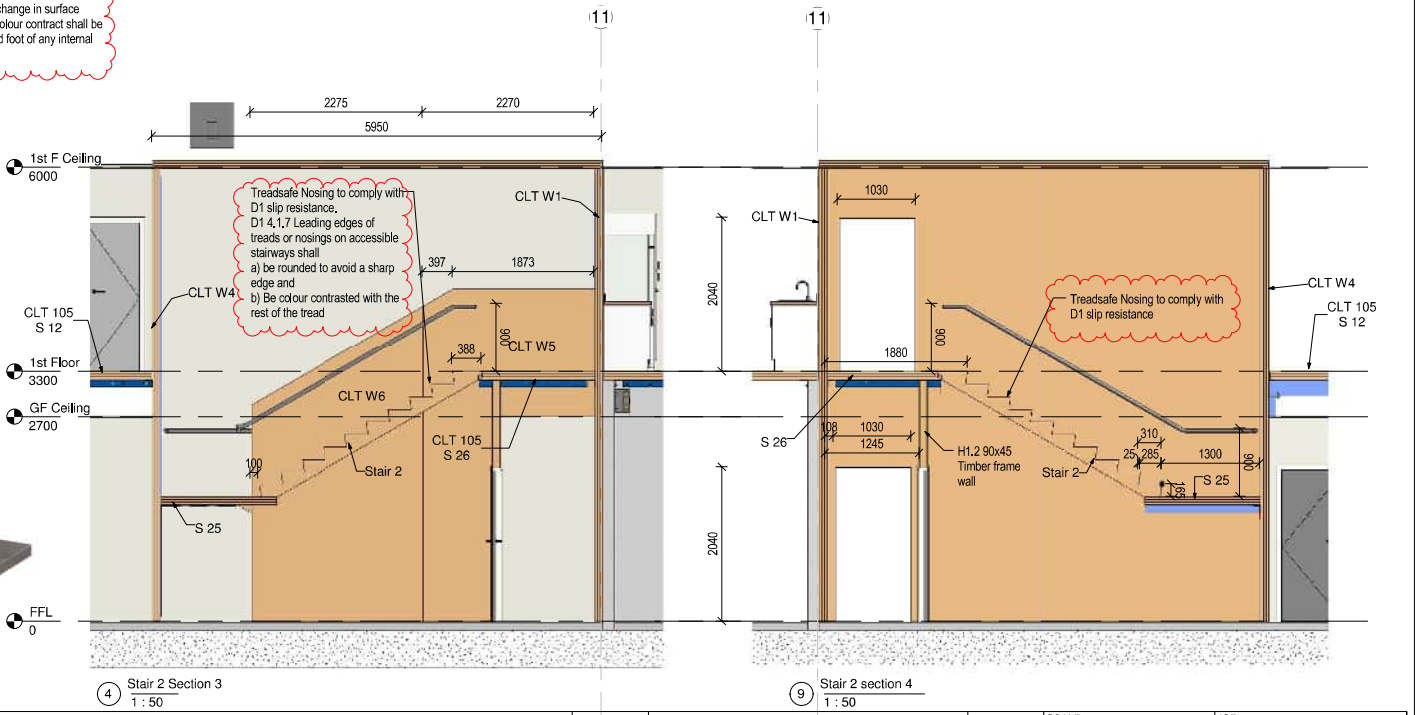
4 Stair 2 Section 3  
1: 50

9 Stair 2 section 4  
1: 50

<p>Thompson Engineering 2002 Ltd   99 Beavershoe Way, Timaru   99 Meadows Road, Timaru          Phone: 03 778 1111   Fax: 03 778 1112   Email: info@thompsonengineering.co.nz   design@thompsonengineering.co.nz</p>	<p>PROJECT <b>Arch</b></p>	<p><b>NZ Dairy Collaborative Group For BC Submission</b>          30/05/2016 11:56:20 a.m.  <b>Infant Formula Blending Plant Offices</b></p>	<p>Rev#</p>	<p>Amendments</p>	<p>Date</p>	<p>SCALE 1: 50 @ A2</p>	<p>JOB # 12413</p>	
	<p>Version: 1, Version Date: 26/03/2026</p>	<p>9 Ashford Ave., Ashburton</p>	<p>All Drawings property of Thompson Engineering 2002 Ltd</p>	<p>Drawn by C. White</p>	<p>Date 13/05/16</p>	<p>Approved by A. Cloake</p>	<p>Rev</p>	<p>Rev</p>
	<p>Version: 1, Version Date: 26/03/2026</p>	<p>9 Ashford Ave., Ashburton</p>	<p>All Drawings property of Thompson Engineering 2002 Ltd</p>	<p>Safe path CLT Stairs</p>	<p>A0800</p>	<p>Please note: All dimensions to be verified on site</p>	<p>Paper size: A2</p>	<p></p>
	<p>Version: 1, Version Date: 26/03/2026</p>	<p>9 Ashford Ave., Ashburton</p>	<p>All Drawings property of Thompson Engineering 2002 Ltd</p>	<p></p>	<p></p>	<p></p>	<p></p>	<p></p>



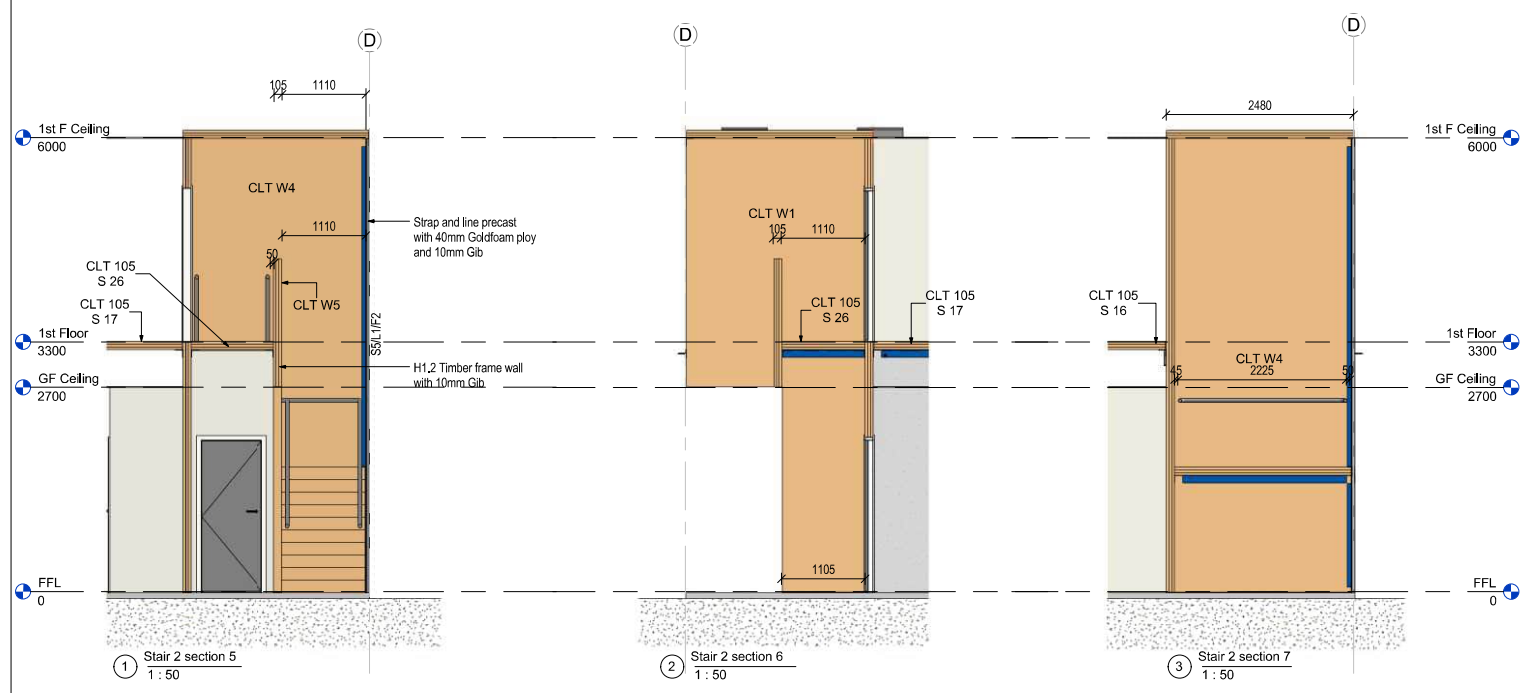
Change in texture and colour of surface (e.g. carpet tiles) to comply with NZS4121 8.5.1 Surface Treatment. A change in surface treatment with strong colour contrast shall be provided at the head and foot of any internal flight of steps.



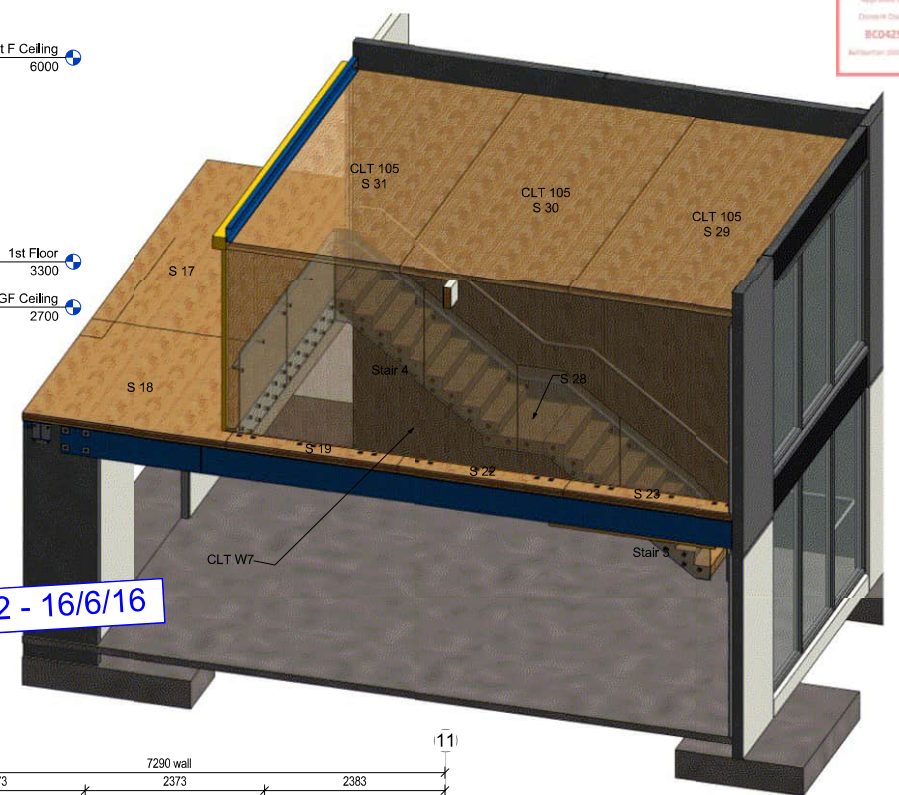
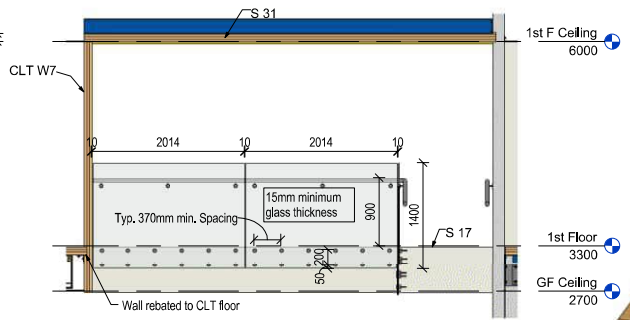
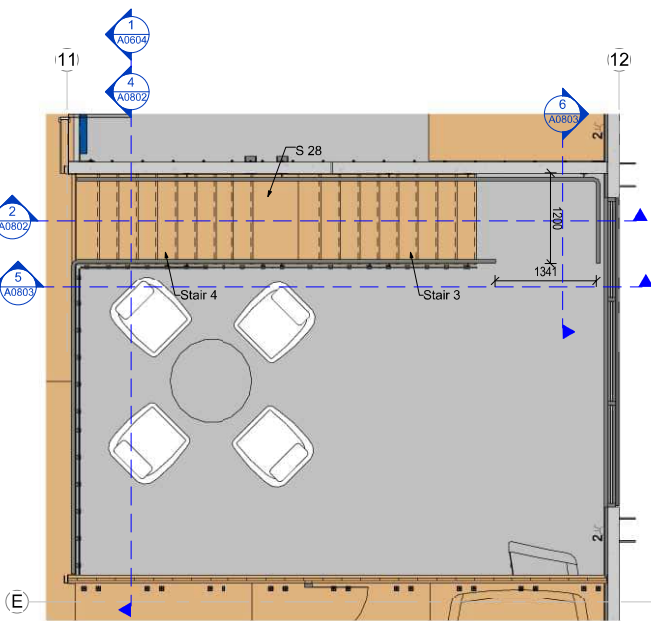
1 Safe path stairway

4 Stair 2 Section 3  
1:50

9 Stair 2 section 4  
1:50

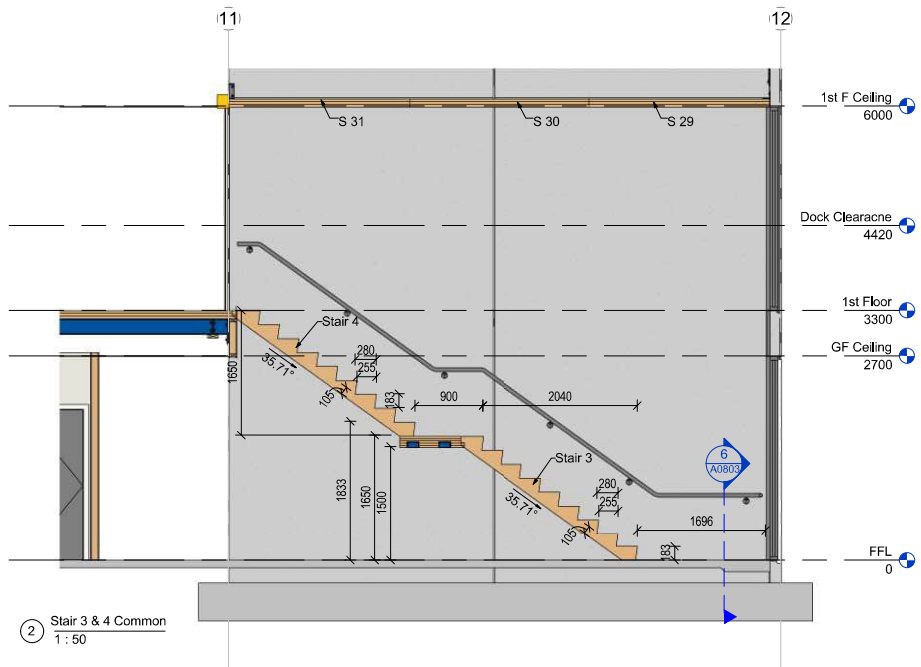


Stair Schedule					
Mark	Type	Actual Number of Risers	Actual Riser Height	Actual Tread Depth	Comments
Stair 1	Monolithic CLT Stair	10	165	285	Safe path
Stair 2	Monolithic CLT Stair	10	165	285	Safe path
Stair 4	Monolithic CLT Stair Common	9	183.33	255	Foyer
Stair 3	Monolithic CLT Stair Common	9	183.33	255	Foyer

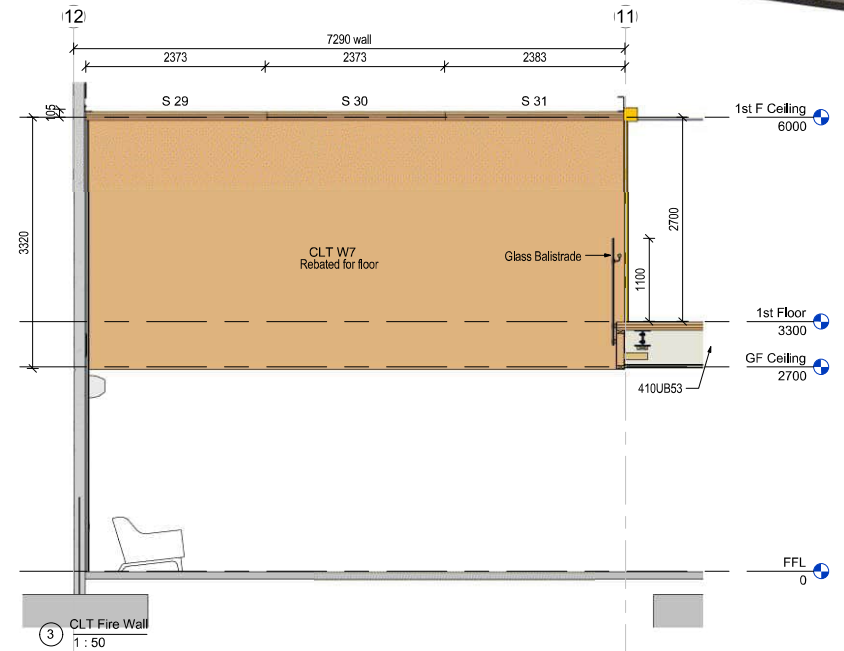


**SUPERSEDED DRAWING - REFER DRAWING A0802 - 16/6/16**

① Stair 1  
1:50



② Stair 3 & 4 Common  
1:50



③ CLT Fire Wall  
1:50

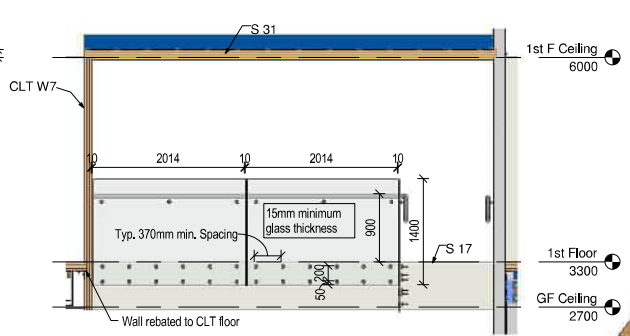
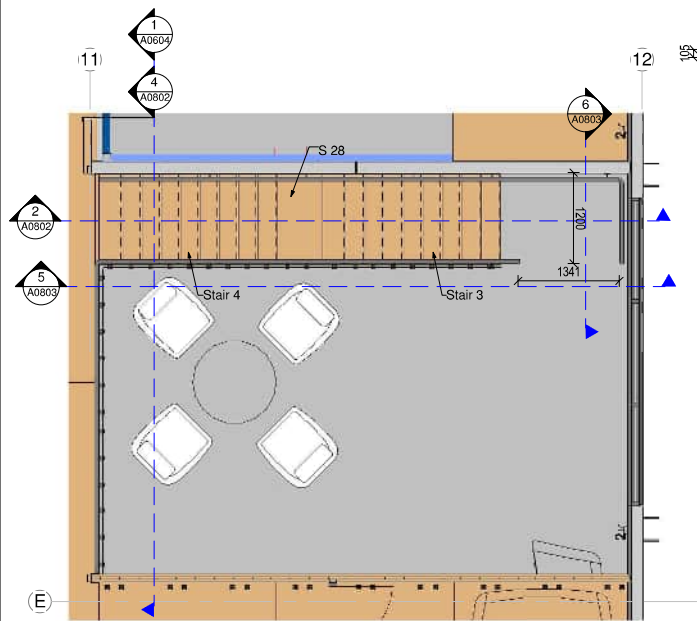
Document Set ID: A0802-166

PROJECT  
**Arch**

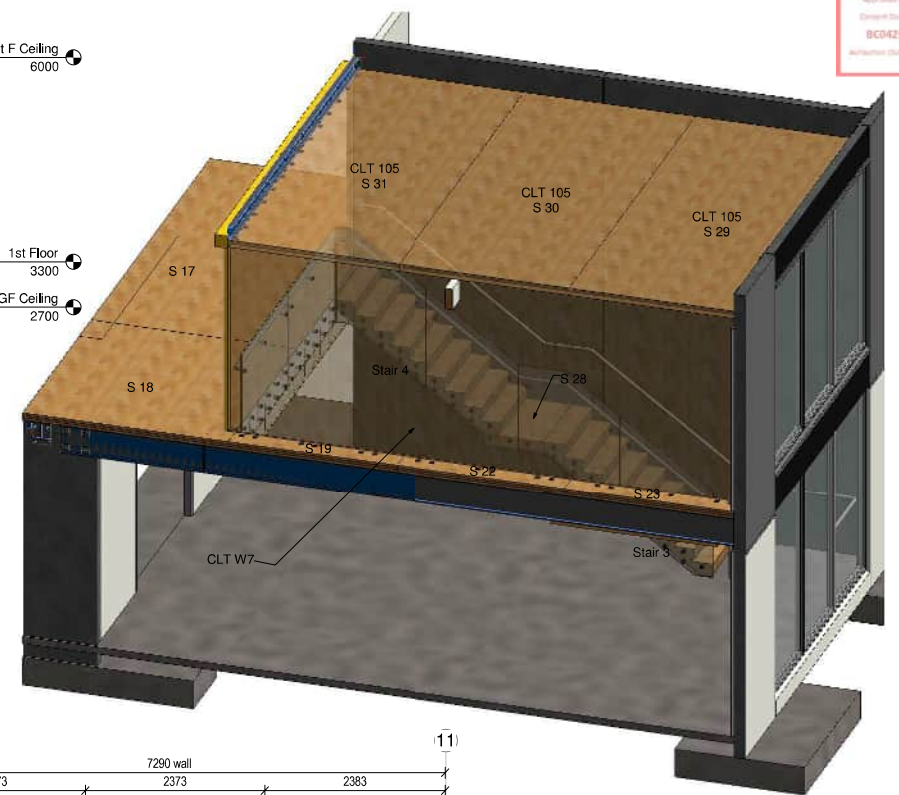
NZ Dairy Collaborative Group **For BC Submission**  
Infant Formula Blending Plant Offices  
9 Ashford Ave., Ashburton

30/05/2016 11:56:20 a.m.

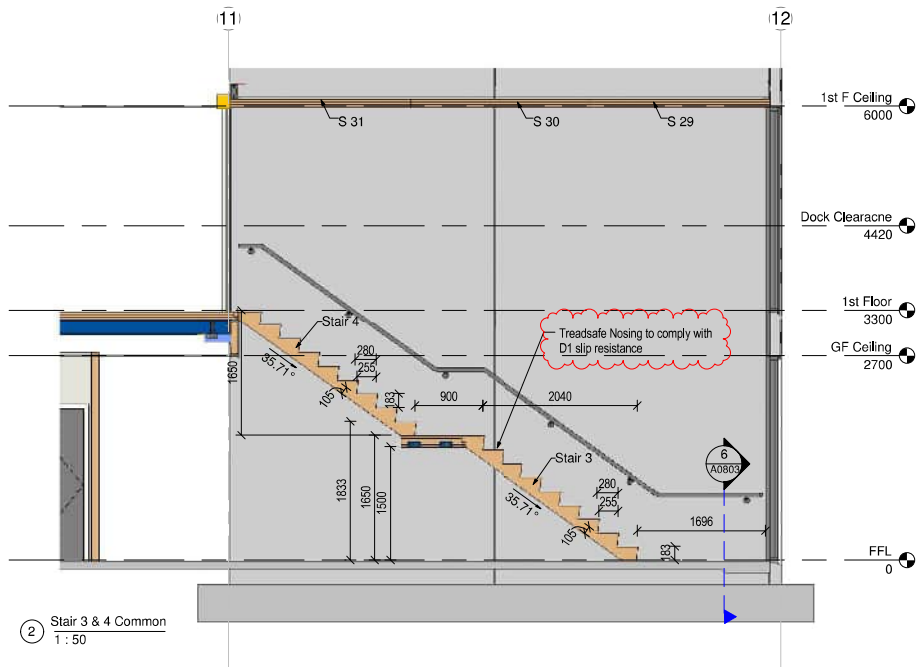
Rev#	Amendments	Date	SCALE	JOB #
			1:50 @ A2	12413
			DRAWN BY C. White	DATE 13/05/16
			APPROVED BY A. Cloake	REV
			<b>Foyer CLT Stairs</b>	<b>A0802</b>
Please note: All dimensions to be verified on site				Paper size: A2



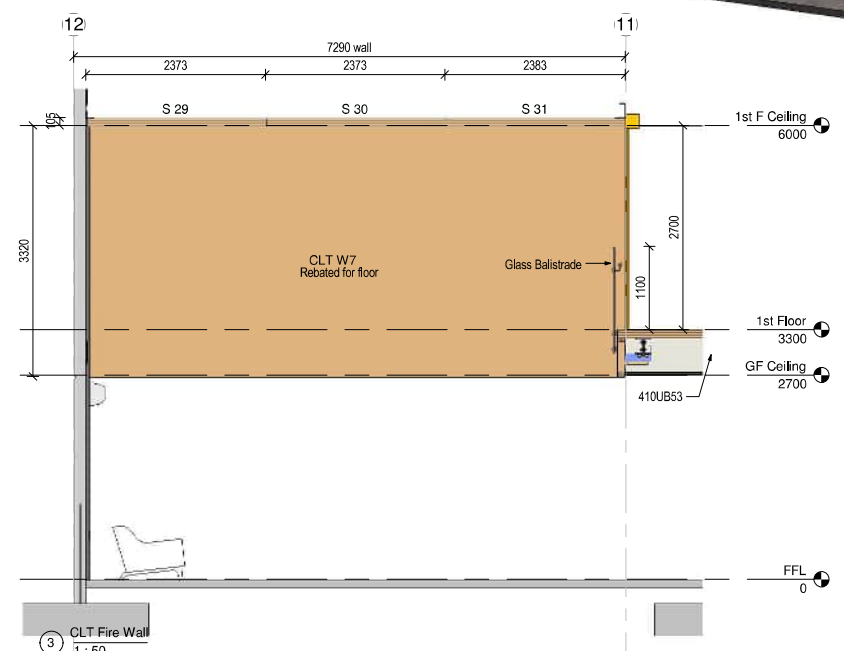
4 Glass Balustrade  
1: 50



1 Stair 1  
1: 50



2 Stair 3 & 4 Common  
1: 50



3 CLT Fire Wall  
1: 50

Thompson Engineering 2002 Ltd | 125 Bay of Plenty, Whakapuaka - Timaru | 80 Meadows Road - Timaru  
 Design | Engineering | Construction | Project Management | Design & Construction Engineering  
 Version: 1, Version Date: 26/03/2026

PROJECT

**Arch**

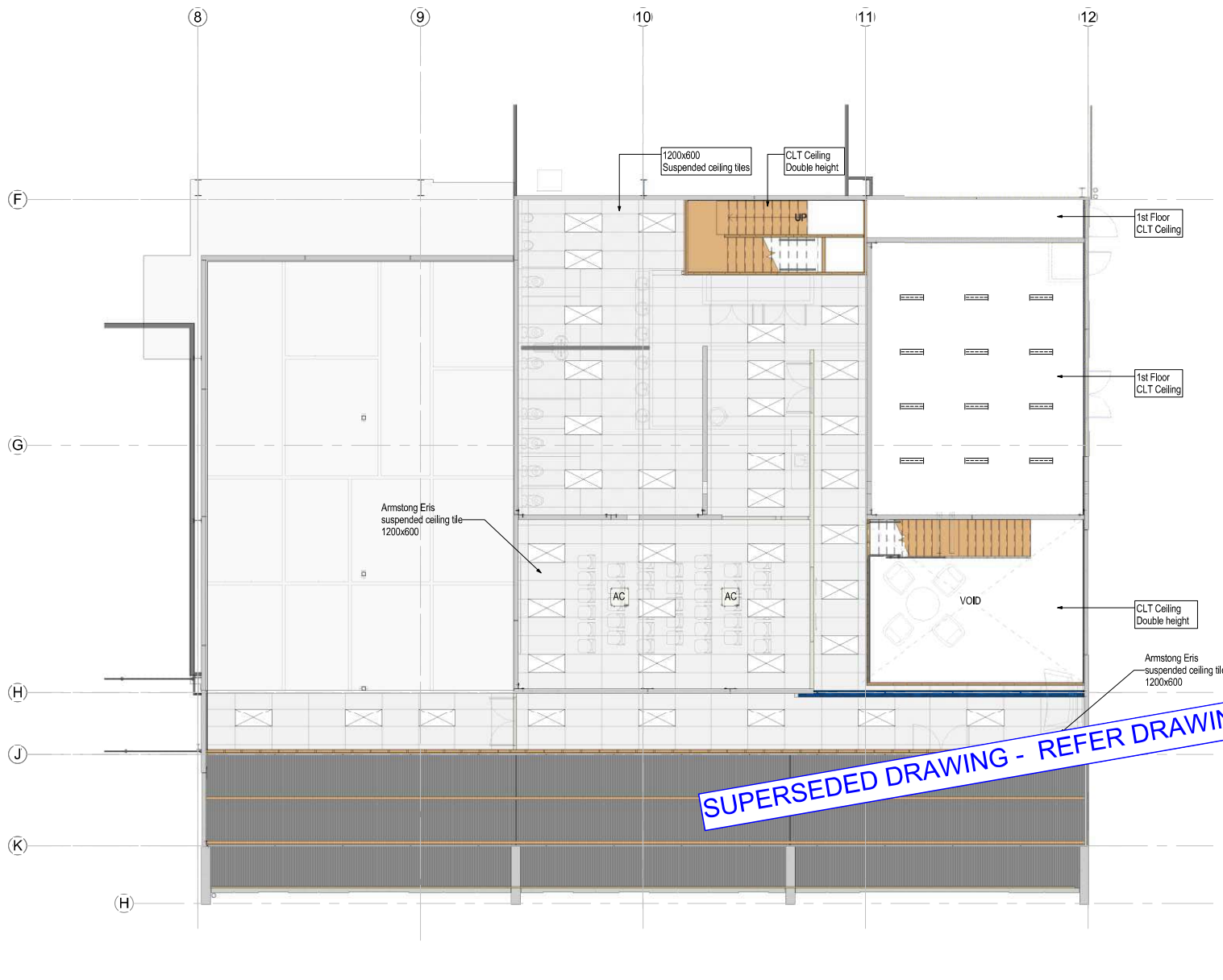
**NZ Dairy Collaborative Group**  
**Infant Formula Blending Plant Offices**

9 Ashford Ave., Ashburton

All Drawings property of Thompson Engineering 2002 Ltd

Rev#	Amendments	Date	SCALE	JOB #
6	Council RFI's	16/6/16	1: 50 @ A2	12413
			DRAWN BY C. White	DATE 13/05/16
			APPROVED BY A. Cloake	REV 6
<b>Foyer CLT Stairs</b>				<b>A0802</b>
Please note: All dimensions to be verified on site				Paper size: A2





ELECTRICAL SCHEDULE	
	3 x 36w recessed troffer fitting - Thom TP42-336B2
	4 x 54w T5 Fitting Phillips TPS 150/4X54
	Phillips Mondella Fitting TCS 125236 bare battens
	Phillips Mondella Fitting TCS 125236 with cover
	LED Downlight
	Pendant Light
	2 way switch
	1 way switch
	double power outlet
	3 phase
	double power outlet & data
	External light
	Highbay Light
	EXIT sign (refer to fire report) white on green background
*similar or equivalent fittings can be offered*	

① Ceiling Ground Floor  
1 : 100

**SUPERSEDED DRAWING - REFER DRAWING A0900- 16/6/16**

Thompson Engineering 2002 Ltd | 95 Bay View, Waiwaka - Timaru | 99 Meadows Road - Timaru  
 03 778 0000 | 03 778 0001 | 03 778 0002 | design@thompsonengineering.co.nz

**PROJECT**

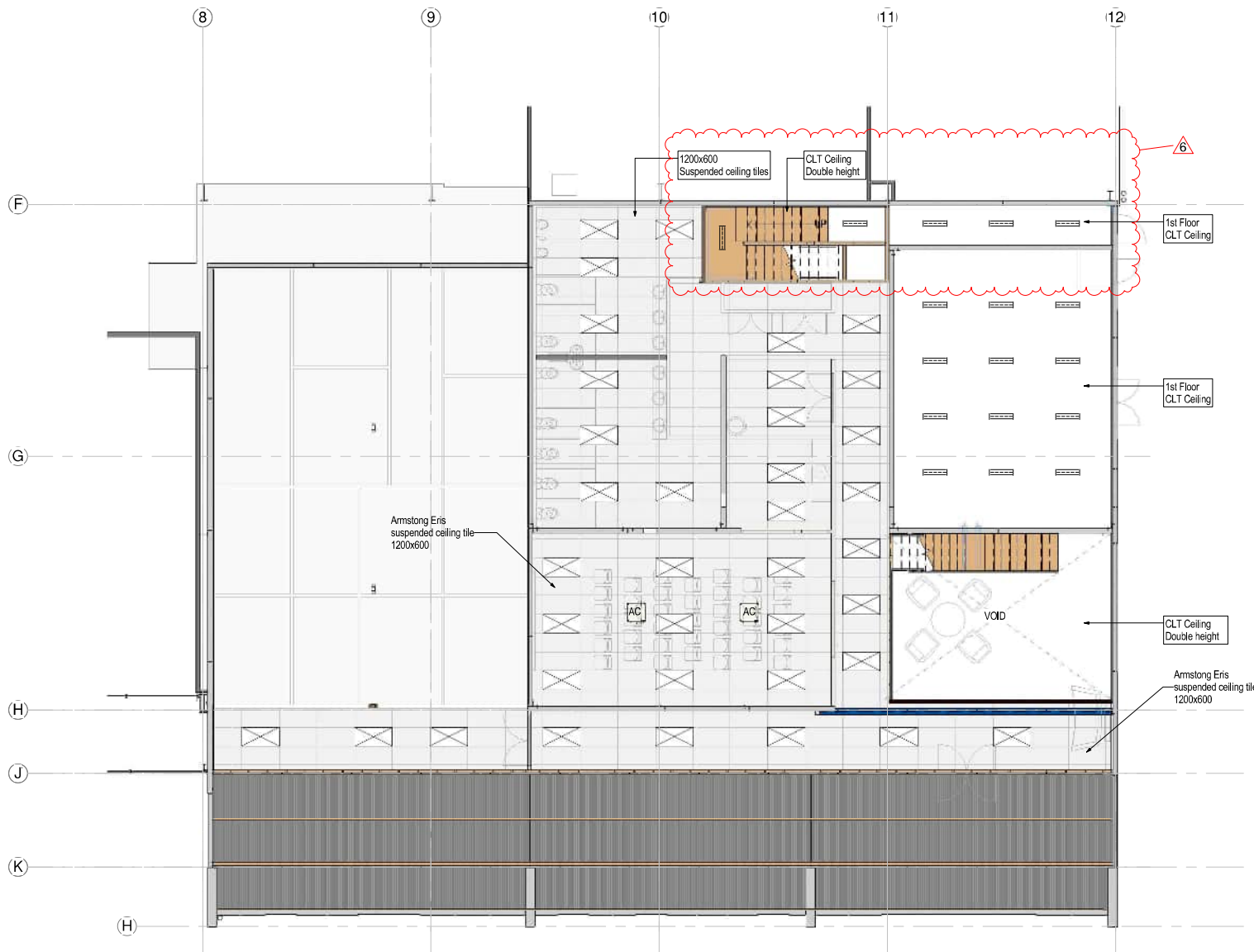
**Arch**

**NZ Dairy Collaborative Group For BC Submission**  
 30/05/2016 11:56:20 a.m.

**Infant Formula Blending Plant Offices**  
 9 Ashford Ave., Ashburton

All Drawings property of Thompson Engineering 2002 Ltd

Rev#	Amendments	Date	SCALE	JOB #
			1 : 100 @ A2	12413
			C. White	DATE 13/05/16
			APPROVED BY A. Cloake	REV
			<b>Reflected Ceiling Ground</b>	<b>A0900</b>
			Please note: All dimen Floor be verified on site	Paper size: A2



ELECTRICAL SCHEDULE	
	3 x 36w recessed troffer fitting - Thom TP42-336B2
	4 x 54w T5 Fitting Phillips TPS 150/4X54
	Phillips Mondella Fitting TCS 125236 bare battens
	Phillips Mondella Fitting TCS 125236 with cover
	LED Downlight
	Pendant light
	2 way switch
	1 way switch
	double power outlet
	3 phase
	double power outlet & data
	External light
	Highbay Light
	EXIT sign (refer to fire report) white on green background
*similar or equivalent fittings can be offered*	

1 Ceiling Ground Floor  
1 : 100

Thompson Engineering 2002 Ltd | 25 Bay of Plenty Way | 180 Meadows Road - Taranaki  
 Version: 1, Version Date: 26/03/2026

PROJECT

**Arch**

**NZ Dairy Collaborative Group**  
**Infant Formula Blending Plant Offices**

9 Ashford Ave., Ashburton

All Drawings property of Thompson Engineering 2002 Ltd

Rev#	Amendments	Date	SCALE	JOB #
6	Council RFI's	16/6/16	1 : 100 @ A2	12413
			DRAWN BY C. White	DATE 13/05/16
			APPROVED BY A. Cloake	REV 6
			<b>Reflected Ceiling Ground</b>	<b>A0900</b>
Please note: All dimensions <b>FLOOR</b> to be verified on site				Paper size: A2

ELECTRICAL SCHEDULE	
DC0429/16	
	3 x 36w recessed troffer fitting - Thorn TP42-336B2
	4 x 54w T5 Fitting Phillips TPS 150/4X54
	Phillips Mondella Fitting TCS 125236 bare battens
	Phillips Mondella Fitting TCS 125236 with cover
	LED Downlight
	Pendant light
	2 way switch
	1 way switch
	double power outlet
	3 phase
	double power outlet & data
	External light
	Highbay Light
	EXIT sign (refer to fire report) white on green background
<i>"similar or equivalent fittings can be offered"</i>	



Ceiling First Floor  
1:100

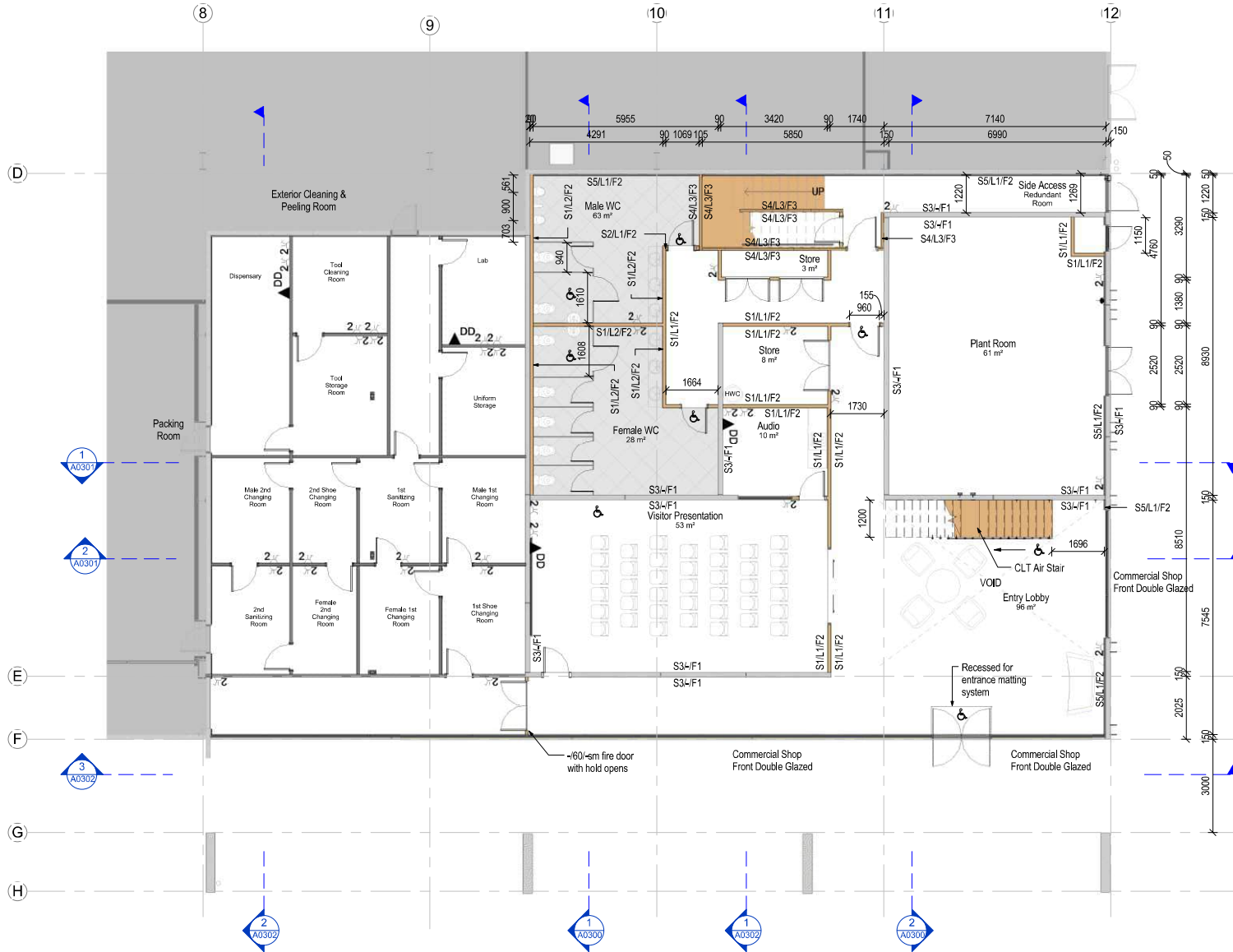
ELECTRICAL & DATA KEY	
	Single Phase Power Outlet (Double socket)
	Three Phase Power Outlet (Single socket)
	Wall Mounted Data Socket (Double data sockets)
	Floor Mounted Junction Box (Single Phase power and data sockets)

*\*positions are not indicative and subject to site placement by client\**

Electrical Fixture Schedule Ground Floor	
Type	Count
Std 3 Phase	1
Std Single Phase	34

Data Device Schedule Ground Floor	
Type	Count
Data Double	4



1 Ground Floor Plan Electrical  
1:100



ELECTRICAL & DATA KEY	
	Single Phase Power Outlet (Double socket)
	Three Phase Power Outlet (Single socket)
	Wall Mounted Data Socket (Double data sockets)
	Floor Mounted Junction Box (Single Phase power and data sockets)

*\*positions are not indicative and subject to site placement by client\**

Electrical Fixture Schedule First Floor	
Type	Count
Std Single Phase	40

Data Device Schedule First Floor	
Family and Type	Count
Data Outlet: Data Double	12
Junction Boxes - Data: Data & Power	25

1 First Floor Plan Electrical  
1: 100



PROJECT  
**Arch**  
NZ Dairy Collaborative Group **For BC Submission**  
Infant Formula Blending Plant Offices  
30/05/2016 11:56:20 a.m.  
9 Ashford Ave., Ashburton

Rev#	Amendments	Date	SCALE	JOB #
			1: 100 @ A2	12413
			DRAWN BY B.Holloway	DATE 13/05/16
			APPROVED BY A.Cloake	REV
			<b>Electrical Data Level 1</b>	<b>A1001</b>
Please note: All dimensions to be verified on site				Paper size: A2

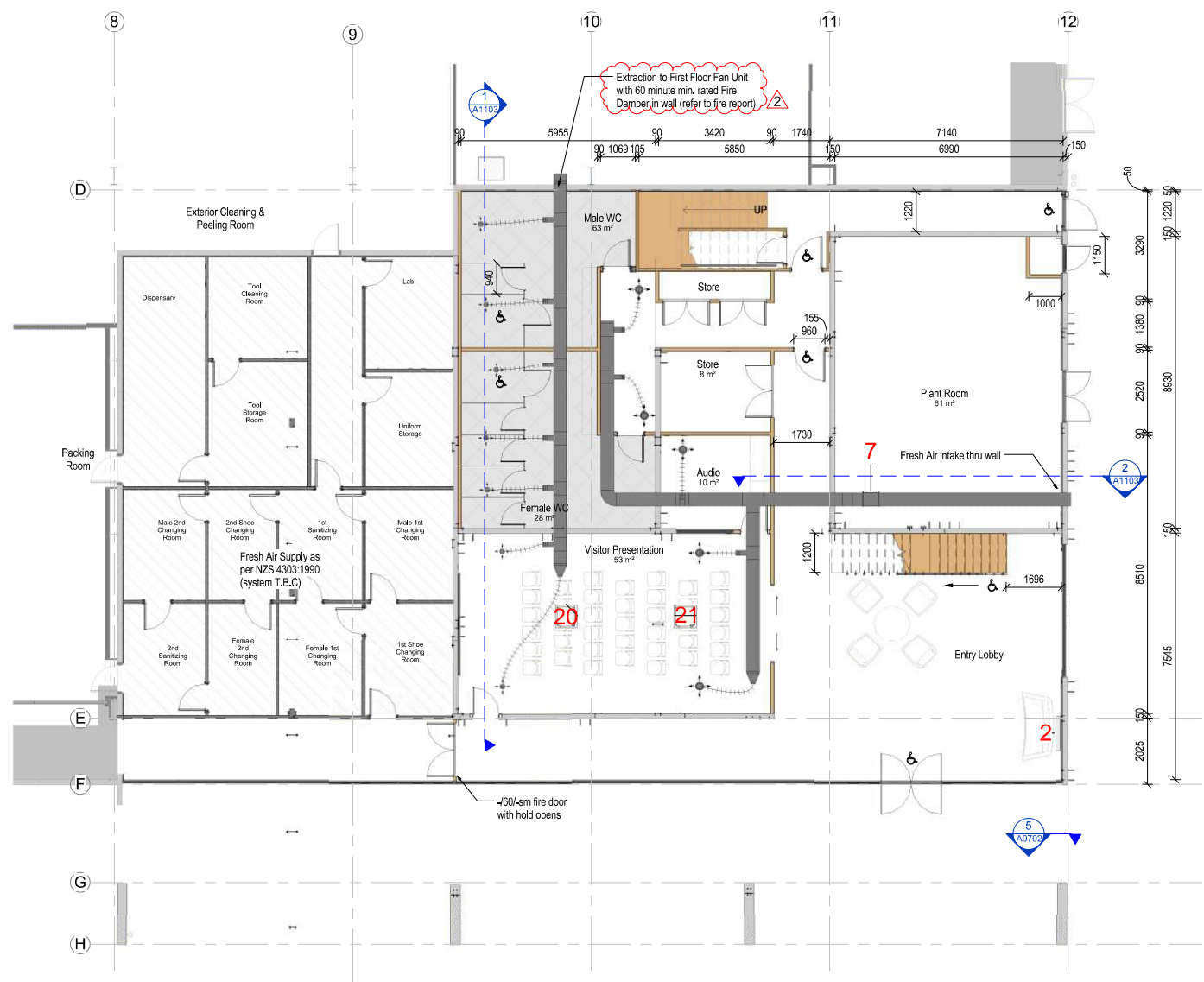
Mechanical Equipment GF		
Mark	Type	Comments
7	Westaflex Inline Fan (with smoke detection)	Plant Room
20	Hitachi RC12.5 FSN3 6.3kw Cassette	Presentation Room
21	Hitachi RC12.5 FSN3 6.3kw Cassette	Presentation Room
2	Hitachi RAS-50YHA	Entry

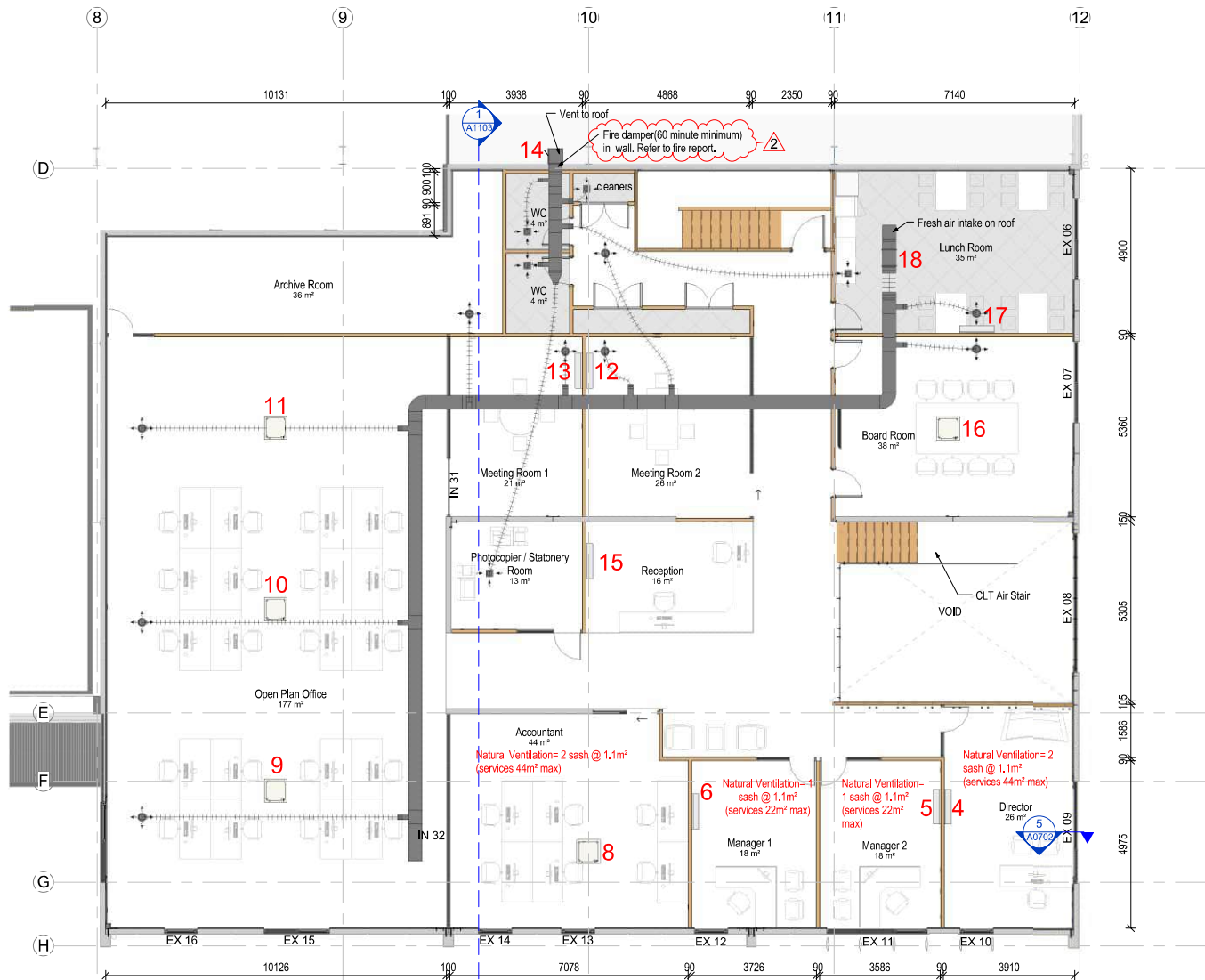
HVAC Key	
	Fresh Air Diffuser (supply)
	Foul Air Vent (extraction)
	Wall Mounted Heat Pump
	Ceiling Mounted Cassette Heat Pump

All Outdoor Fresh Air Requirements are relative to the use of the space as per Table 2.1 NZS 4303:1990.

\*positions are not indicative and subject to site placement by client\*



1 Ground Floor Plan HVAC  
1 : 100



Mechanical Equipment 1st Floor		
Mark	Type	Comments
4	Hitachi RAS 35YHA4 4.5kw HP	Director
5	Hitachi RAS 25YHA4 3.4kw HP	Manager 2
6	Hitachi RAS 25YHA4 3.4kw HP	Manager 1
8	Hitachi RCI3.0 FSN3 8.0kW Cassette	Accountant
9	Hitachi RCI3.0 FSN3 8.0kW Cassette	Open Plan Office
10	Hitachi RCI3.0 FSN3 8.0kW Cassette	Open Plan Office
11	Hitachi RCI3.0 FSN3 8.0kW Cassette	Open Plan Office
12	Hitachi RAS 35YHA4 4.5kw HP	Meeting Room 2
13	Hitachi RAS 25YHA4 3.4kw HP	Meeting Room 1
14	Fantech In Line Fan (with smoke detection)	Toilet Extract(In WH)
15	Hitachi RAS 35YHA4 4.5kw HP	Reception
16	Hitachi RCI2.5 FSN3 6.3kw Cassette	Board Room
17	Hitachi RAS-50YHA	Lunch Room
18	Westaflex Inline Centrifugal Fan (with smoke detection)	Fresh Air supply (Lunch Room)

**HVAC Key**

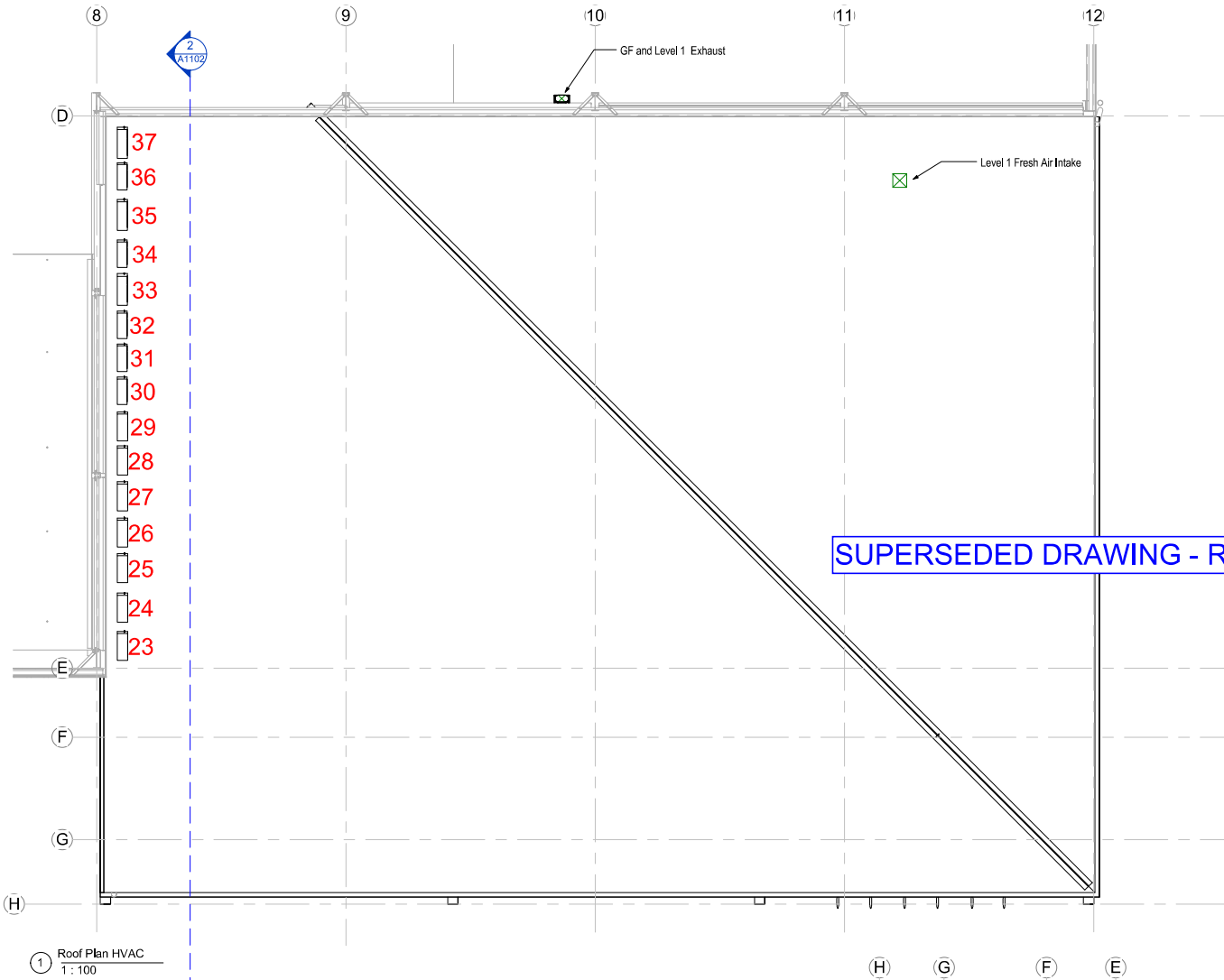
- Fresh Air Diffuser (supply)
- Foul Air Vent (extraction)
- Wall Mounted Heat Pump
- Ceiling Mounted Cassette Heat Pump

All Outdoor Fresh Air Requirements are relative to the use of the space as per Table 2.1 NZS 4303:1990.

"positions are not indicative and subject to site placement by client"

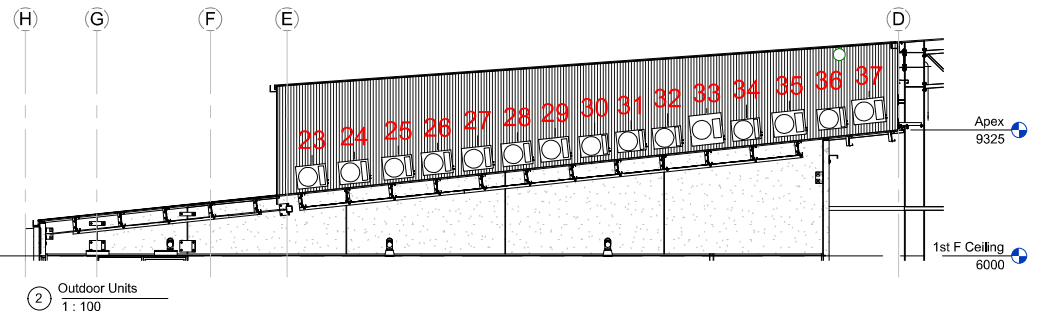
1 First Floor Plan HVAC  
1 : 100

Mechanical Equipment Roof		
Mark	Type	Comments
23	Hitachi RAS 2.5HVNP	Presentation Room
24	Hitachi RAS 2.5HVNP	Presentation Room
25	Hitachi RAS 3HVNC	L1 Open Plan Office
26	Hitachi RAS 3HVNC	L1 Open Plan Office
27	Hitachi RAS 3HVNC	L1 Open Plan Office
28	Hitachi RAS 2.5HVNP	Board Room
29	Hitachi RAS 3HVNC	Accountant
30	Hitachi RAC-25YHA3	Manager 1
31	Hitachi RAC-25YHA3	Manager 2
32	Hitachi RAC-35YHA3	L1 Director
33	Hitachi RAC-80YHA3	Meeting Room 1
34	Hitachi RAC-35YHA3	Meeting Room 2
35	Hitachi RAC-50YHA3	Lunch Room
36	Hitachi RAC-35YHA3	Reception
37	Hitachi RAC-50YHA3	Entry

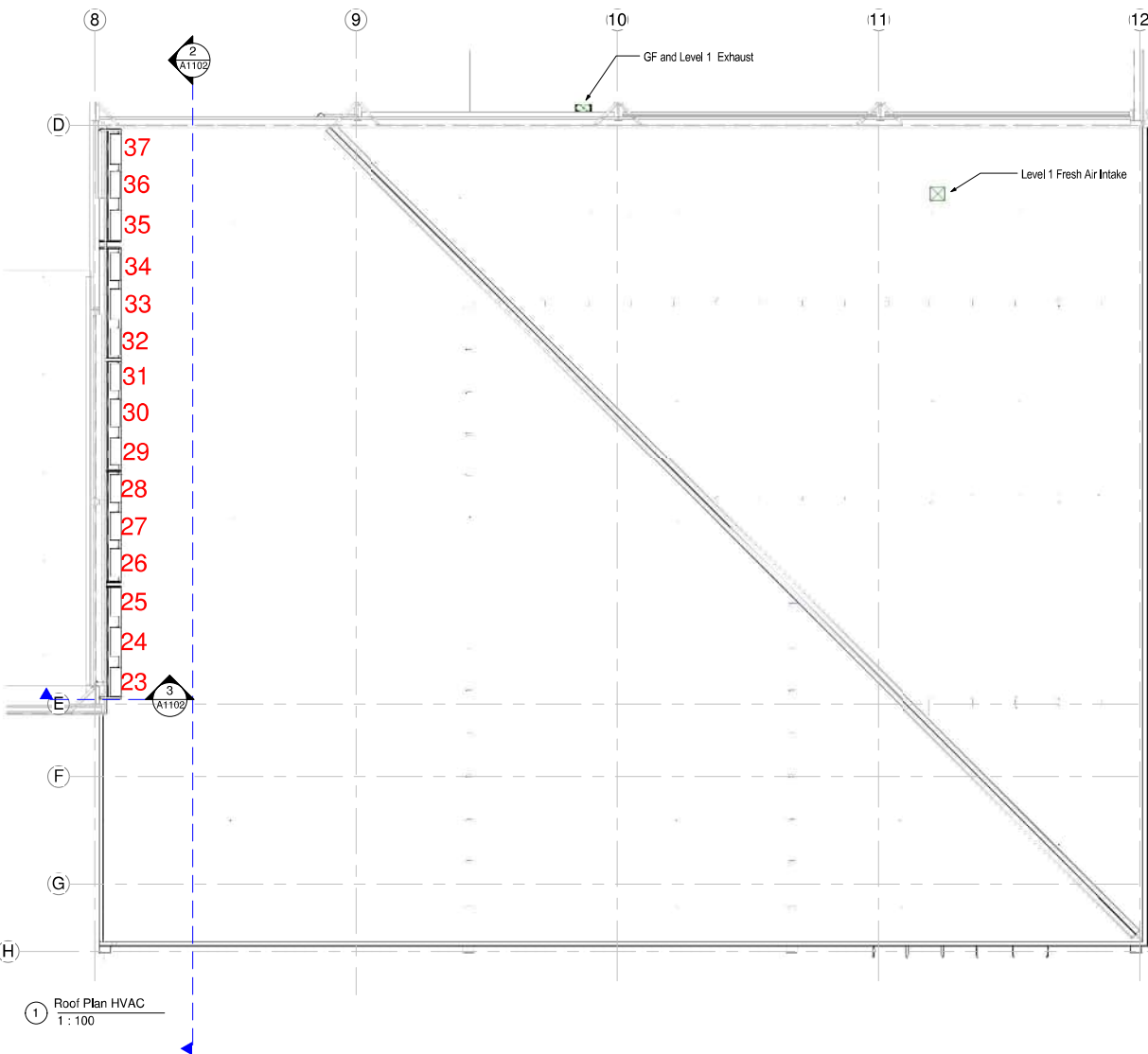


**SUPERSEDED DRAWING - REFER DRAWING A1102 16/6/16**

1 Roof Plan HVAC  
1:100

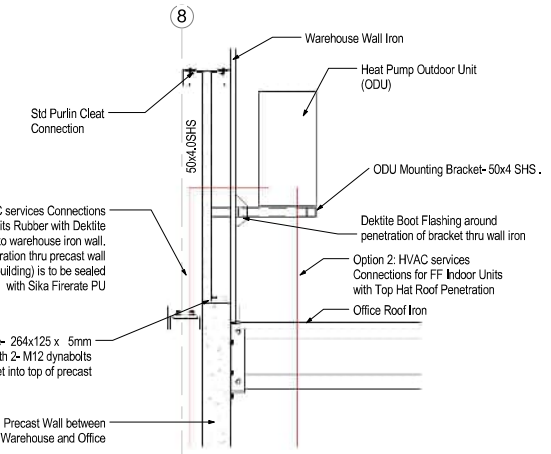


2 Outdoor Units  
1:100

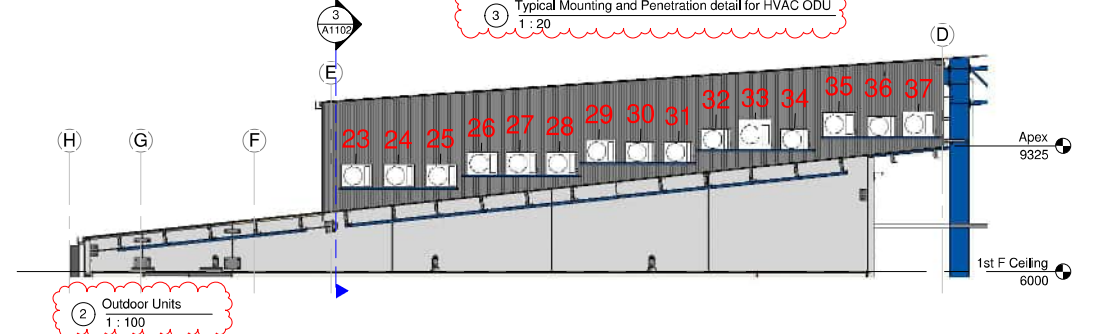


1 Roof Plan HVAC  
1:100

Mechanical Equipment Roof		
Mark	Type	Comments
23	Hitachi RAS 2.5HVNP	Presentation Room
24	Hitachi RAS 2.5HVNP	Presentation Room
25	Hitachi RAS 3HVNC	L1 Open Plan Office
26	Hitachi RAS 3HVNC	L1 Open Plan Office
27	Hitachi RAS 3HVNC	L1 Open Plan Office
28	Hitachi RAS 2.5HVNP	Board Room
29	Hitachi RAS 3HVNC	Accountant
30	Hitachi RAC-25YHA3	Manager 1
31	Hitachi RAC-25YHA3	Manager 2
32	Hitachi RAC-35YHA3	L1 Director
33	Hitachi RAC-80YHA3	Meeting Room 1
34	Hitachi RAC-35YHA3	Meeting Room 2
35	Hitachi RAC-50YHA3	Lunch Room
36	Hitachi RAC-35YHA3	Reception
37	Hitachi RAC-50YHA3	Entry

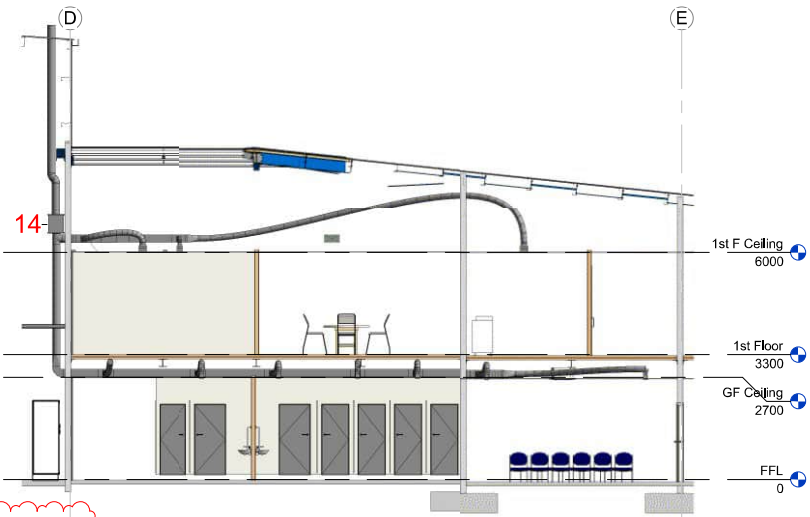


3 Typical Mounting and Penetration detail for HVAC ODU  
1:20

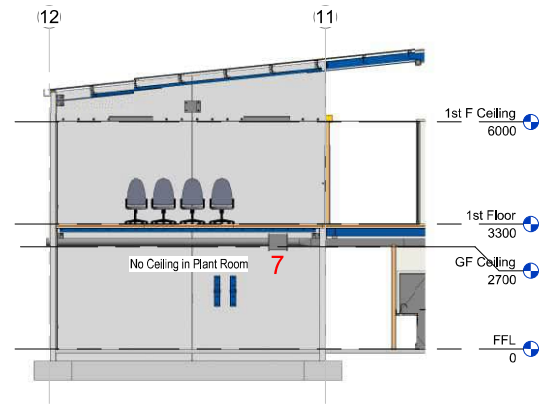


2 Outdoor Units  
1:100

<p>Arch</p>	<p>PROJECT</p> <p>NZ Dairy Collaborative Group Infant Formula Blending Plant Offices</p> <p>9 Ashford Ave., Ashburton</p>	Rev#	Amendments	Date	SCALE	JOB #
		4	Updated HVAC design	23/05/16	As indicated@ A2	12413
		6	Council RFI's	16/6/16	DRAWN BY	DATE
				B. Holloway		13/05/16
		APPROVED BY		REV	6	
		A. Cloake		Mechanical Roof Plan		
				A1102		
Please note: All dimensions to be verified on site						Paper size: A2



① Air Extraction  
1: 100






② Fresh Air Fan in Plant Room  
1: 100

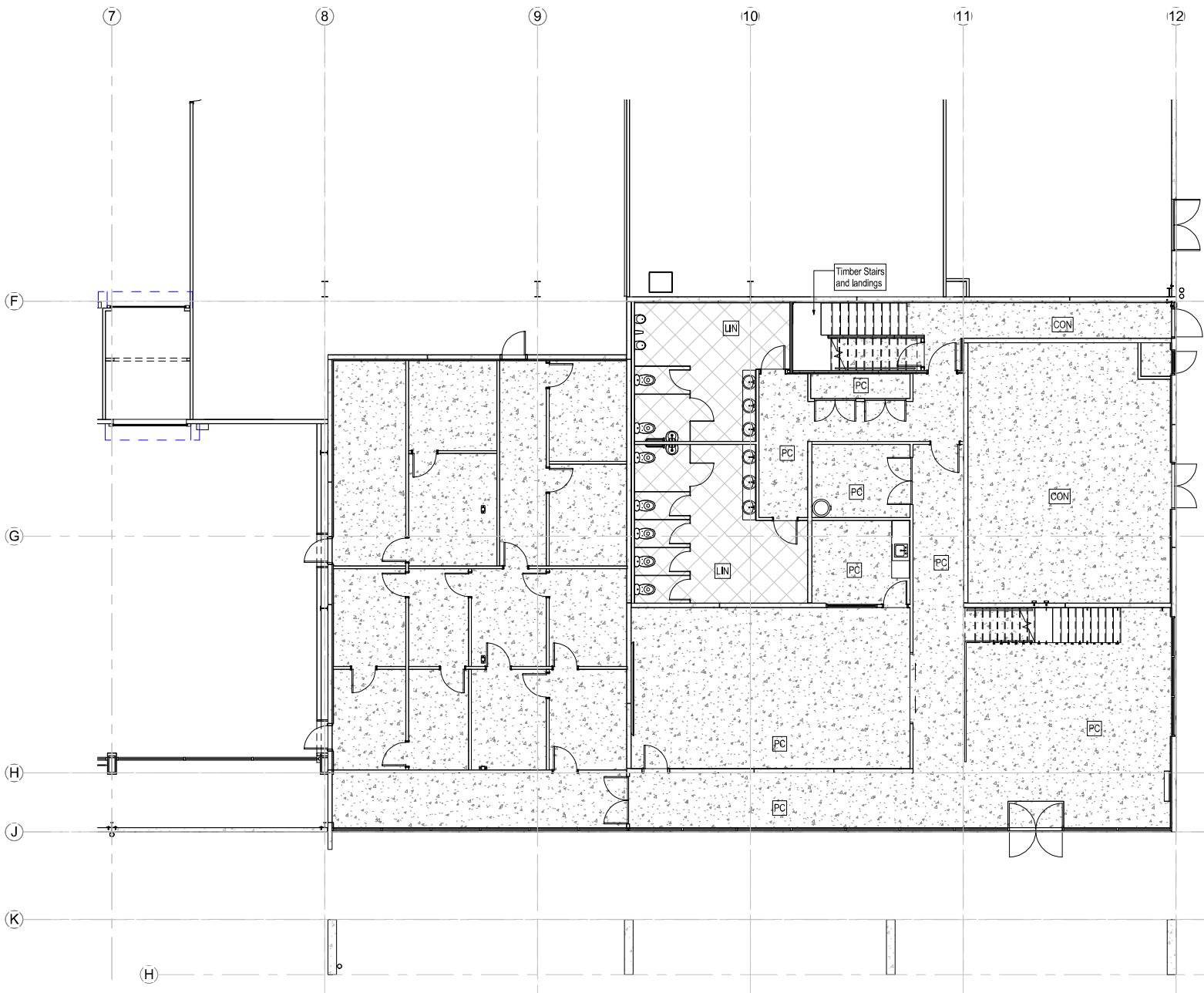
Rev#	Amendments	Date
4	Updated HVAC design	23/05/16

SCALE	1: 100 @ A2	JOB #	12413
DRAWN BY	B. Holloway	DATE	13/05/16
APPROVED BY	A. Cloake	REV	4
<b>HVAC Sections</b>		<b>A1103</b>	
Please note: All dimensions to be verified on site			
			Paper size: <b>A2</b>

**FLOOR COVERINGS**

-  Concrete  
 PC = Polished  
 CON = Power float finish
-  Carpet (commercial)
-  Linoleum - commercial  
 (non slip in wet areas)

Flooring Schedule		
Level	Type	Area
FFL	Linoleum	50 m <sup>2</sup>
1st Floor	Linoleum	48 m <sup>2</sup>



1 Plumbing Ground Floor Copy 1  
 1:100



PROJECT

**Arch**

**NZ Dairy Collaborative Group For BC Submission**  
 30/05/2016 11:56:21 a.m.  
**Infant Formula Blending Plant Offices**

9 Ashford Ave., Ashburton

Rev#	Amendments	Date	SCALE As indicated@ A2	JOB # 12413
			DRAWN BY C. White	DATE 13/05/16
			APPROVED BY A. Cloake	REV
			<b>Floor Coverings Ground</b>	<b>A1200</b>
Please note: All dimensions Floor be verified on site				Paper size: A2

FLOOR COVERINGS	
	Concrete
	PC = Polished
	CON = Power float finish
	Carpet (commercial)
	Linoleum - commercial (non slip in wet areas)
	Timber CLT Flooring

Flooring Schedule		
Level	Type	Area
FFL	Linoleum	50 m <sup>2</sup>
1st Floor	Linoleum	48 m <sup>2</sup>

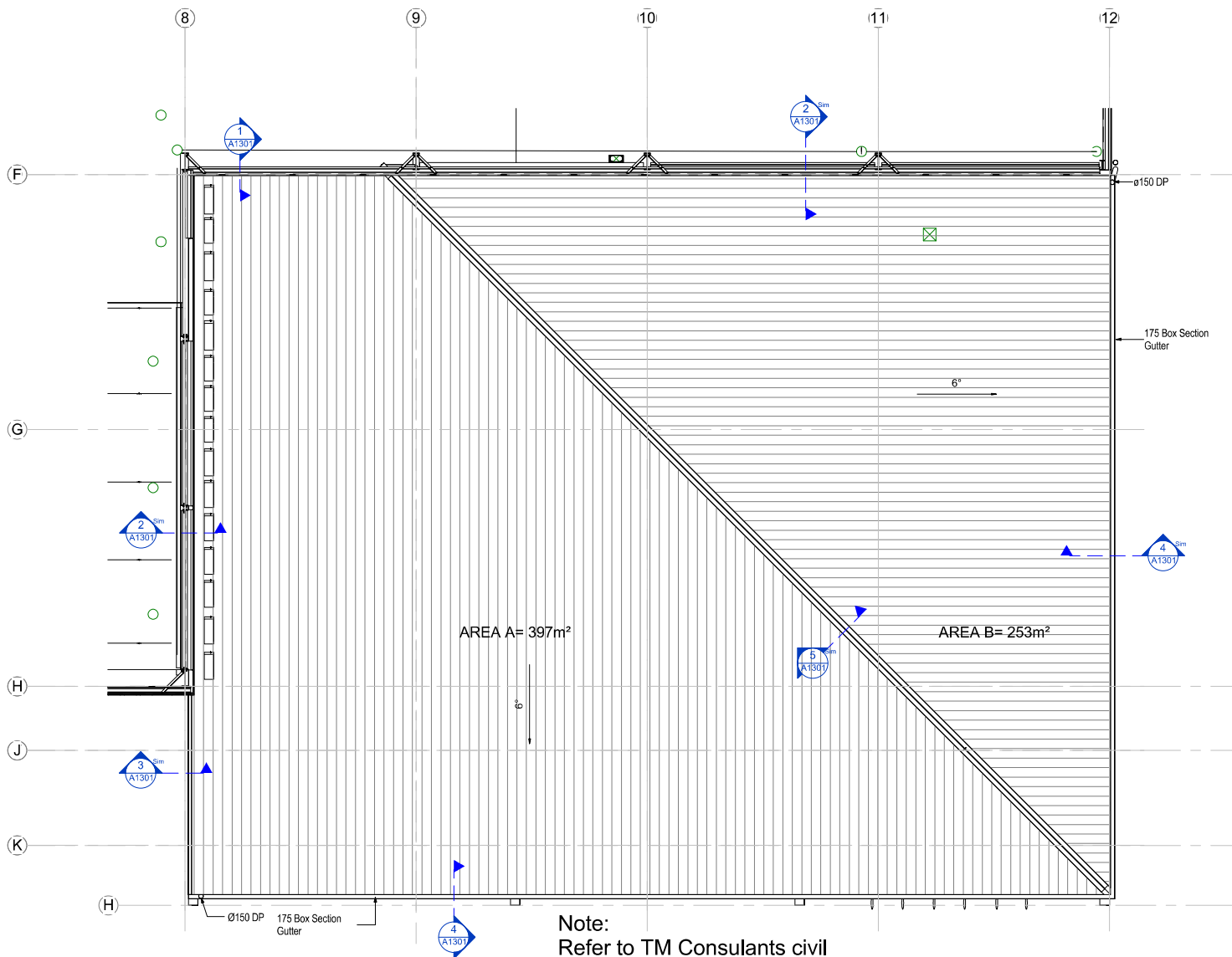


① Plumbing First Floor Copy 1  
 1: 100

DOWNPIPE SCHEDULE	
Downpipe size (mm) for 0-25° pitch roof for given roof area	
Minimum internal Pipe Size	Plan area of roof served by the downpipe (m <sup>2</sup> )
63mm Ø	60
74mm Ø	85
100mm Ø	155
150mm Ø	350

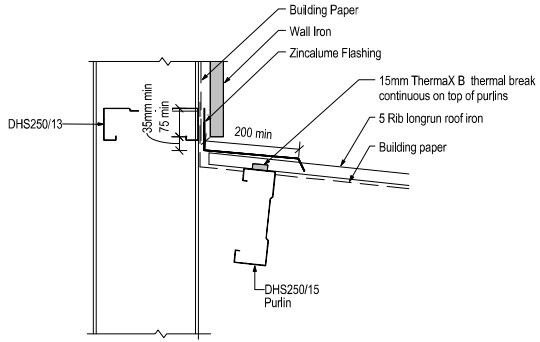
SURFACE AREA CATCHMENTS	
Total Roof Area = 650m <sup>2</sup>	
area A = 397m <sup>2</sup> = 1 x 150 Ø DP's	
area B = 253m <sup>2</sup> = 1 x 150 Ø DP's	
area 3 = _____m <sup>2</sup> = _____x _____ Ø DP's	
area 4 = _____m <sup>2</sup> = _____x _____ Ø DP's	



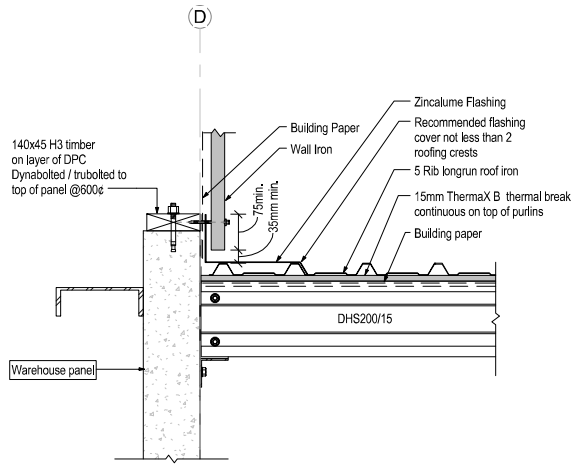
Note:  
Refer to TM Consultants civil plans for exact locations of DP's and drainage

Roof Plan  
1:100

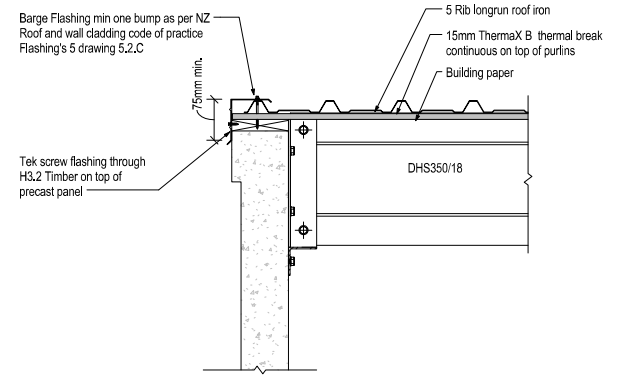
	PROJECT	NZ Dairy Collaborative Group <b>For BC Submission</b> 30/05/2016 11:56:21 a.m.	Rev#	Amendments	Date	SCALE 1: 100 @ A2	JOB # 12413
	Arch	9 Ashford Ave., Ashburton				DRAWN BY C. White	DATE 13/05/16
						APPROVED BY A. Cloake	REV
						<b>Roof Plan</b>	<b>A1300</b>
Version: 1, Version Date: 26/03/2026						Please note: All dimensions to be verified on site	



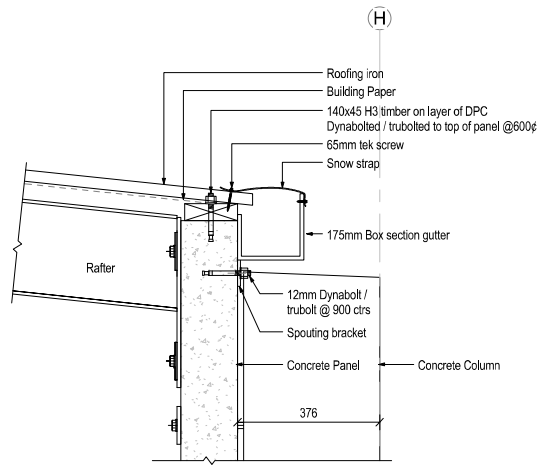
1 SECTION :Apron Flashing 1  
A0300 1: 10



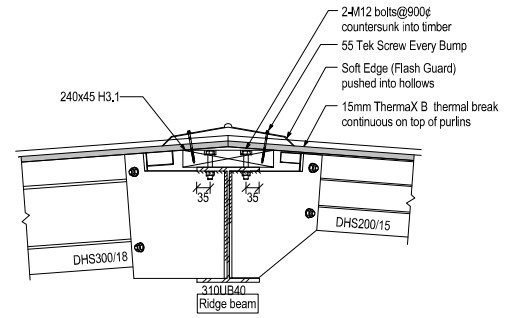
2 SECTION :Apron Flashing 2  
A1300 1: 10



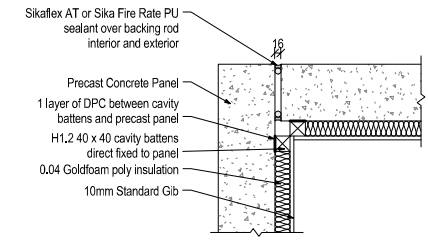
3 SECTION :Ridge Flashing to Precast  
A0300 1: 10



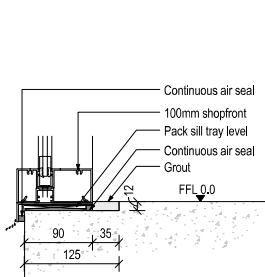
4 SECTION :External gutter  
A1300 1: 10



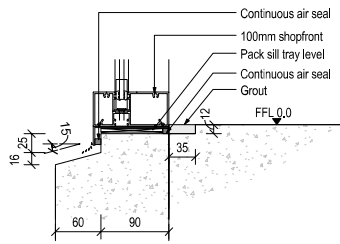
5 PLAN :Ridge Flashing detail  
A1300 1: 10



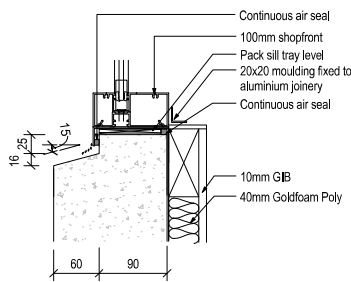
External Corner Precast Detail  
1: 10



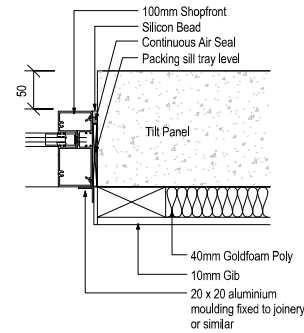
COMMERCIAL SILL DETAIL AT FFL STANDARD FOUNDATION EDGE



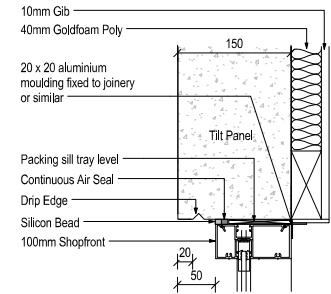
COMMERCIAL SILL DETAIL AT FFL IN PRECAST PANEL



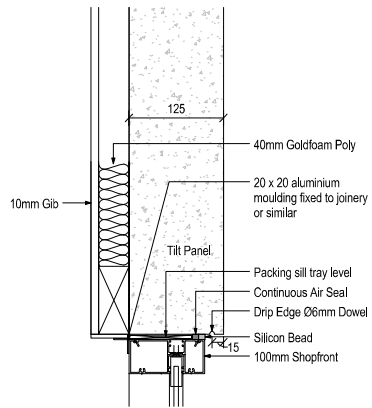
COMMERCIAL SILL DETAIL ABOVE FFL



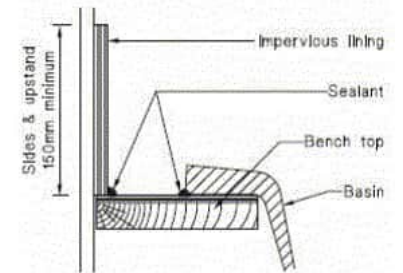
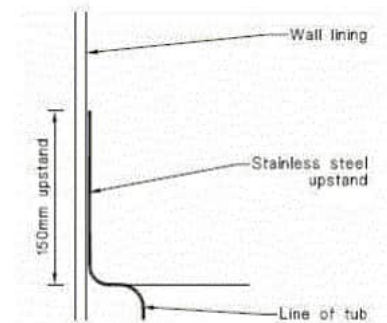
COMMERCIAL JAMB DETAIL



COMMERCIAL HEAD DETAIL



1 DETAIL :Panel 4 drip edge  
A0301 1:5



(b) Tub, sink and basin

Rev#	Amendments	Date	SCALE	JOB #
			1:5 @ A2	12413
			DRAWN BY C. White	DATE 13/05/16
			APPROVED BY A. Cloake	REV
			<b>Flashing Details</b>	<b>A1303</b>
Please note: All dimensions to be verified on site				Paper size: A2

### NZBC H1 ENERGY EFFICIENCY - Large Buildings (> 300m<sup>2</sup>)

Floor Area - (to outside of external walls) 644m<sup>2</sup>

Wall Area	Glazing Area
North 192m <sup>2</sup> (faces to warehouse)	North 0m <sup>2</sup> (faces to warehouse)
South 192m <sup>2</sup>	South 105m <sup>2</sup>
East 151m <sup>2</sup>	East 43m <sup>2</sup>
West 27m <sup>2</sup>	West 5.7m <sup>2</sup>
Total Wall Area 562m <sup>2</sup>	Total Glazing Area 153.7m <sup>2</sup>
Glazed Area = 27.4% of total wall area	

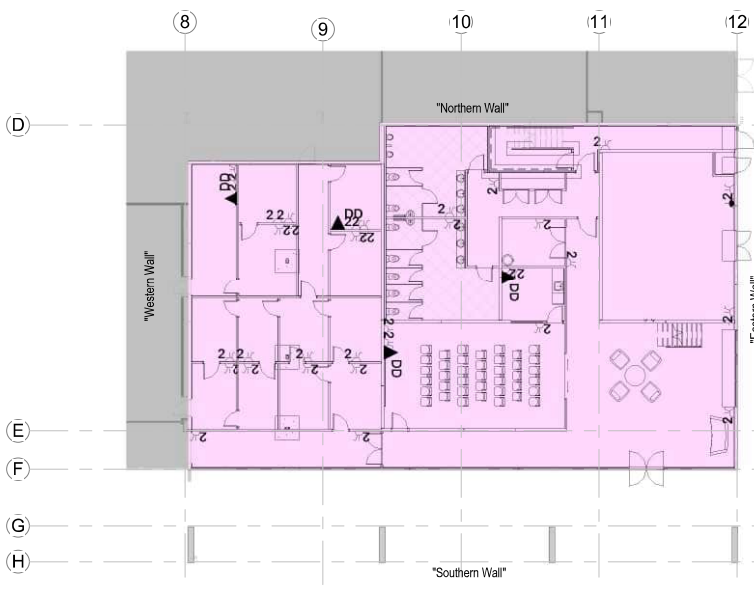
If less than 50% then schedule method is OK  
Climate Zone 3

SCHEDULE METHOD NZS 4243: Part 1:2007

Table 1 - min R values for schedule method

Building Thermal Envelope Component	Minimum R-values climate zone 2 & 3	Minimum R-values provided	
Roof	R 1.9	R 3.30	Complies
Wall	R 1.2	R 1.41	Complies
Floor	R 1.3	R 2.96 or 2.89	Complies
Glazing	No requirement	No requirement	Complies

Please refer to the attached design navigator tables showing material compliance with R values



Ground Floor Plan H1  
1:200



First Floor Plan H1  
1:200

Name: Floortype 1 2.96 m<sup>2</sup>K/W

Type: Floor: Slab floor

internal surface 0.09

Flooring: 50-100mm Concrete Topping Screed  
R-value: 0.04

Slab Insulation

Slab floor area [m<sup>2</sup>]: 513  
Perimeter length [m]: 95  
External wall thickness [mm]: 200  
Soil conductivity [W/m °C]: 1.2  
Underslab insulation: none  
Piles Footings: Number: Penetration Diameter:  
Slab edge insulation: none

Name: Rooftype 1 3.30 m<sup>2</sup>K/W

Type: Roof: Steel framed roof, suspended ceiling

external surface 0.03

Roofing: Corrugate iron with building paper  
R-value: 0.01

Insulation:

Steel Frame & Cavity: 300/18DHS (300x85x 75) rafters or joists @ 1000mm, battens covered with insulation  
Roof Frame Area: 8.5% Cavity Area: 91.5%

Roof space (still air) 0.11  
Framing R-value: 0.35  
Pink@Batts@ R3.6 Ceiling 3.6

Thermal Break: Thermax B 10mm  
R-value: 0.45

Roof Lining: Ceiling tiles  
R-value: 0.08

internal surface 0.09  
Recessed downlights

Ceiling Area [m<sup>2</sup>]: Number of downlights: Clearance from lamp holder side [m]:

Name: Walltype 1 1.41 m<sup>2</sup>K/W

Type: Wall: Solid wall (concrete, masonry or other) without vented cavity, with internal insulation

external surface 0.03

Cladding: 100-150mm natural stone or schist  
R-value: 0.10

Solid Masonry: Structural Concrete 150mm  
R-value: 0.09

Strapping: Timber batten, 40mm deep, 45mm wide @ 600mm centres  
Strapping Area: 11.0%

Thermal break: none  
40mm Goldfoam, 30kg/m<sup>3</sup> 1.44  
R-value: 0.00  
still Airgap none  
R-value: 0.00

Strapping: R-value: 0.34

Wall Lining: Gypsum plasterboard 10mm  
R-value: 0.04

internal surface 0.09

Name: Floortype 3 2.89 m<sup>2</sup>K/W

Type: Floor: Slab floor

internal surface 0.09

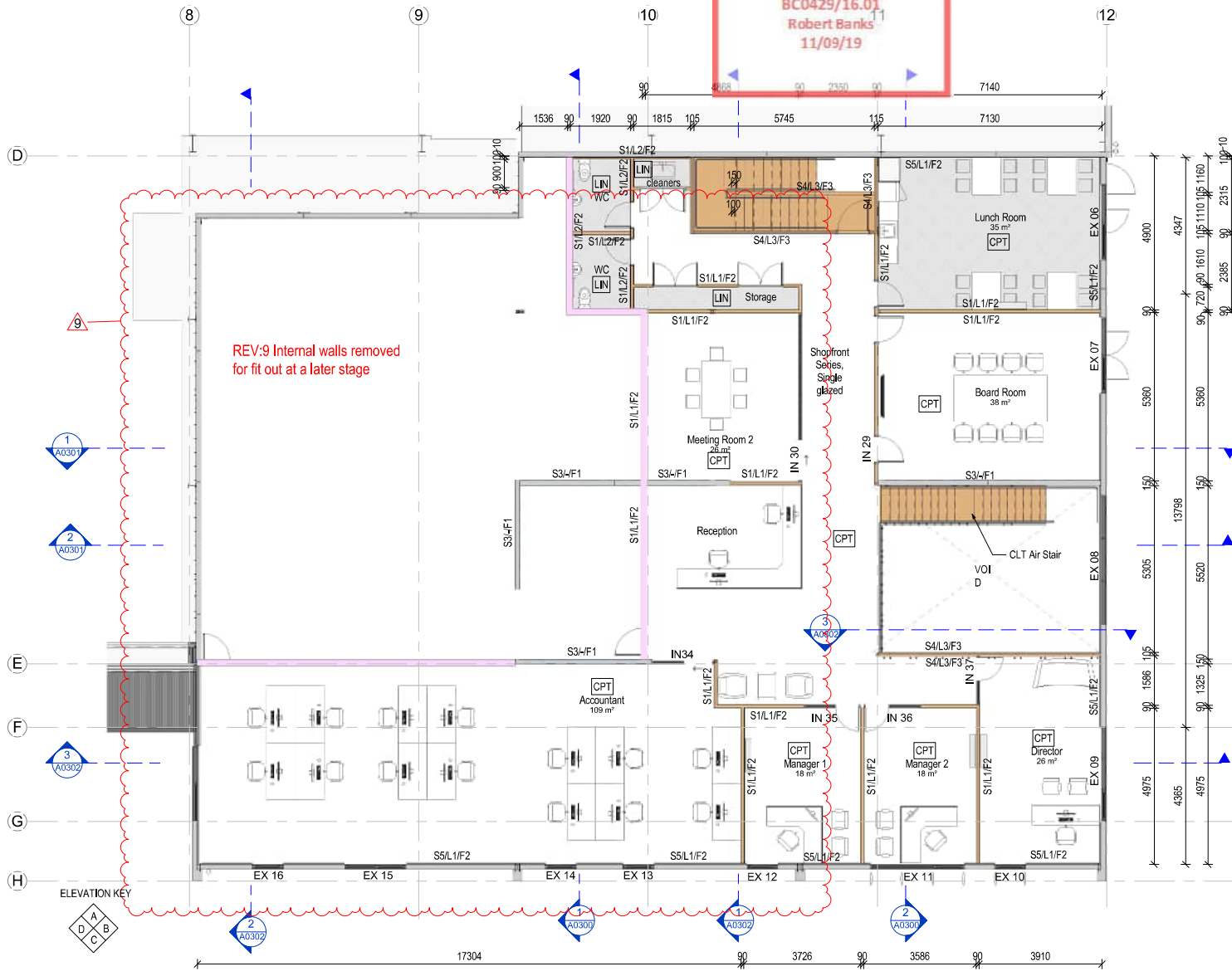
Flooring: XLam CLT 105mm  
R-value: 0.88

Slab Insulation

Slab floor area [m<sup>2</sup>]: 142  
Perimeter length [m]: 67.8  
External wall thickness [mm]: 150  
Soil conductivity [W/m °C]: 1.2  
Underslab insulation: Total slab 40mm Goldfoam, 30kg/m<sup>3</sup> 1.44  
Piles Footings: Number: Penetration Diameter:  
Slab edge insulation: none

XLAM first floor that suspends to south side of building

Ashburton District Council  
**Variation**  
**BC0429/16.01**  
**Robert Banks**  
**11/09/19**



REV:9 Internal walls removed for fit out at a later stage

**Timber Treatment**

Internal Timber Frames 90x45 H1.2 bottom plate to concrete slab with 1 layer of DPC  
 Timber top plate on top of panels exposed to weather  
 H3.2 with 1 layer of DPC

**Note**

Please refer to the fire plan for the position of EXIT signs

**Wall Key:**

**Wall Type:**  
 S1: 90x45 Timber frame  
 S2: 140x45 Timber frame  
 S3: PC Panel  
 S4: CLT  
 S5: 40mm goldfoam poly with 10mm Gfb  
**Lining Type:**  
 L1: 10mm GB plaster board  
 L2: Plasterboard wet area  
 L3: CLT  
**Finish Type:**  
 F1: Clear Finish  
 F2: Paint Finish  
 F3: Fireshield fire rated coating system

**Floor Finish Key:**

EM Entrance Matting System  
 LIN Linoleum  
 CPT Selected Carpet  
 PC Polished Concrete  
 CON Concrete Floor

First Floor Plan  
 1:100



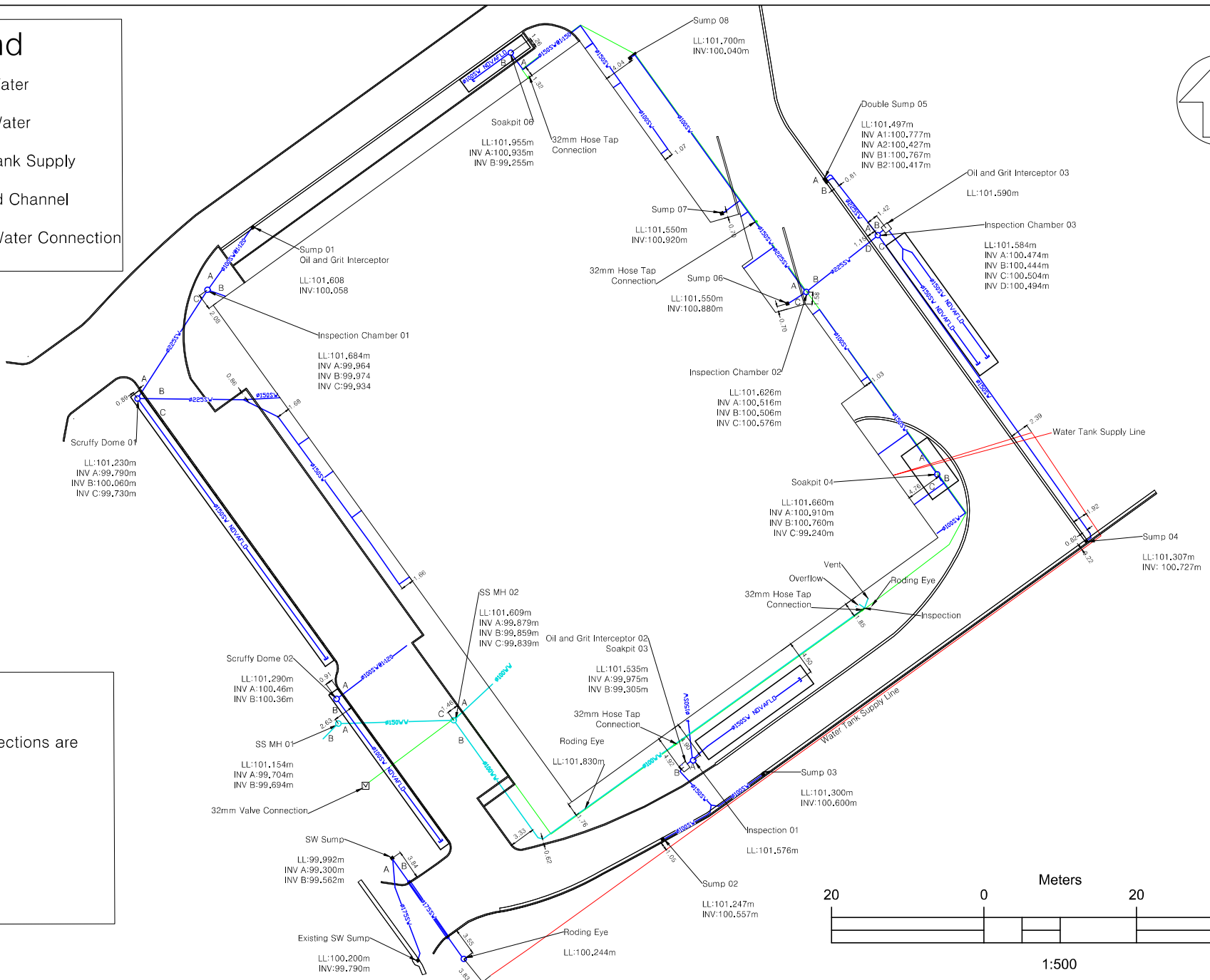
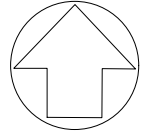
PROJECT  
**Arch**  
 NZ Dairy Collaborative Group  
 Infant Formula Blending Plant Offices  
 9 Ashford Ave., Ashburton

Rev#	Amendments	Date	SCALE As indicated@ A2	JOB # 12413
9	Contract Issue	19/04/17	DRAWN BY C. White	DATE 13/05/16
APPROVED BY A.Cloake			REV 9	
Arch First Floor Plan			<b>A0201</b>	
Please note: All dimensions to be verified on site				Page size A2

**Construction Issue**

# Legend

- Storm Water
- Waste Water
- Water Tank Supply
- Kerb and Channel
- 32mm Water Connection



# Notes

All Down Pipe Connections are 150mm

DESIGN: NZ Dairy Asbuild	SURVEYED: F. Pichon
APPROVAL:	DRAWN: F. Pichon DATE: 23/08/16
CHECKED:	
SCALE: 1:500 (A3)	DWG NO: 1
Document Set ID: 1681109	
Version: 1, Version Date: 26/03/2026	

## NZ Dairy SW & WW Asbuild



REV	PAGE
1	A



Reference/Certificate ID No: 07062018



This form has been designed to be used by licensed electrical workers to certify that installations or Part installations under **Part 1 or Part 2 of AS/NZS 3000** are safe to be connected to the **specified** system of electrical supply.

**LOCATION AND CONTACT**

Location Details	9 Ashford Ave Ashburton	Contact Address	9 Ashford Ave Ashburton
Contact Name	NZDCL	Postcode	
Name of Electrical worker:	G McCormick	Registration/Practising licence number:	E264831
Organisation/ company:	Get Wired Electrical Ltd		
Phone:	0220109248	Email:	getwiredelectrical@hotmail.com
Name of person(s) supervised:	V Braam R Burges M Harvey C Gallahger		

**CoC**

Type of work:  Additions  Alterations  New work

The prescribed electrical work is:  Low risk  General  High risk (specify):

Reference Standards:  Part 1 of AS/NZS 3000  Part 2 of AS/NZS 3000

Additional Standards:

Description of work: (including date/s of work and type of supply system)

Installed 1250A rated Bremca Main Switchboard 2x 240mmCu mains per phase from TX Lived and tested

I certify that the completed prescribed electrical work to which this Certificate of Compliance applies has been done lawfully and safely, and the information in the certificate is correct in that the installation, or part of the installation:

Select those that apply:

- Has been installed in accordance with the specified certified design<sup>1</sup>
- Has an earthing system that is correctly rated (where applicable)
- Contains fittings that are safe to connect to a power supply
- Relies on a supplier Declaration of Conformity<sup>1</sup>
- Has been satisfactorily tested in accordance with the Electricity (Safety) Regulations 2010
- Is safe to connect

Test Results	
Polarity (independent earth):	PASS
Insulation resistance:	PASS
Earth Continuity:	PASS
Bonding:	PASS
Fault Loop Impedance:	PASS
Other (specify):	

Electronic/Other reference: 07062018A

Certifier's signature:

Date: 07 / 06 / 2018

<sup>1</sup> Attach or reference. If it is impractical to attach a copy of a particular manufacturer's instructions, or of any certified design or supplier declaration of conformity, provide a reference to where the documents can be found, in a readily accessible format, by electronic means.

**ESC**

I certify that the installation, or part of the installation, to which this Electrical Safety Certificate applies is connected to a power supply and is safe to use.

Certifier's name:	G McCormick	Registration/Practising licence number:	E264831
Certifier's signature:		Certificate Issue Date:	07 / 06 / 2018
		Connection Date:	1 / 04 / 2017

**CUSTOMER COPY - THIS IS AN IMPORTANT DOCUMENT AND SHOULD BE RETAINED FOR A MINIMUM OF 7 YEARS**  
This certificate also confirms that the electrical work complies with the building code for the purposes of Section 19(1)(e) of the Building Act 2004.



# ELECTRICAL CERTIFICATE OF COMPLIANCE & ELECTRICAL SAFETY CERTIFICATE

REFERENCE/CERTIFICATE ID No.:

This form has been designed to be used by licensed electrical workers to certify that installations or Part installations under Part 1 or Part 2 of AS/NZS 3000 are safe to be connected to the specified system of electrical supply.

Location Details:

9 Ashford Lane

Contact Details:  
(Name and address)

NZDCG

Name of Electrical worker:

Lawrence

Registration/Practising licence number:

E250566

Phone & email:

getwiredelectrical@hotmail.com

Name and registration number of person(s) supervised:

## Certificate of Compliance

Type of work:

Addition

Alteration

New work

The prescribed electrical work is:

Low risk

General

High-risk (Specify):

Means of compliance:

Part 1 of AS/NZS 3000

Part 2 of AS/NZS 3000

Additional Standards or electrical code of practice were required:

No

Yes (specify):

Clause 5.2.7

Date or range of dates that prescribed electrical work undertaken:

Contains fittings that are safe to connect to a power supply?

Yes

No

Specify type of supply system:

The installation has an earthing system that is correctly rated (where applicable)

Yes

No

Parts of the installation to which this certificate relates that are safe to connect to a power supply?

All  Parts (specify)

The work relies on manufacturers instructions:

Yes

No

If yes - identify the instruction manual including name, date and version. Also attach a copy of manufacturer's instructions to this certificate.

(Or provide reference to readily accessible electronic format, eg Internet link.)

Identify:

Link:

The work has been done in accordance with a certified design:

Yes

No

If yes - identify the certified design including name, date and version. Also attach a copy of the certified design to this certificate.

(Or provide reference to readily accessible electronic format, eg Internet link.)

Identify:

Link:

The work relies on a Supplier Declaration of Conformity (SDoC):

Yes

No

If yes - identify the SDoC including name, date and version OR EESS registration. Also attach a copy of the SDoC to this certificate.

(Or provide reference to readily accessible electronic format, eg Internet link.)

Identify:

Link:

The installation has been satisfactorily tested in accordance with the Electricity (Safety) Regulations 2010

No  Yes

Description of Work:

install E lighting for nzdcg building as requested for warehouse, office and tower. see attached plans for fittings used.  
3 test buttons, on in main switch room, one in sub board for plant area and on in main warehouse switchboard

### Test Results (provide values)

Polarity (Independent earth):	
Insulation resistance:	<999 Ohms
Earth Continuity:	0.2 Ohms
Bonding:	0.2 Ohms
Fault Loop impedance	Ohms
Other (specify):	

By signing this document I certify that the completed prescribed electrical work to which this Certificate of Compliance applies has been done lawfully and safely, and the information in the certificate is correct.

Certifier's signature:

Date: 10/3/2019

## Electrical Safety Certificate

By signing this document I certify that the installation, or part of the installation, to which this Electrical Safety Certificate applies is connected to a power supply and is safe to use.

Certifier's name:

Lawrence

Registration/Practising licence number:

E250566

Certifier's signature:

Certificate Issue Date:

10/3/2019

Connection Date:

10/3/2019

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Contact Details:  
(Name and address)

NZDCG

Name of Electrical worker:

Lawrence

Registration/Practising licence number:

E250566

Phone & email:

getwiredelectrical@hotmail.com

Name and registration number of person(s) supervised:

## Certificate of Compliance

Type of work:

Addition

Alteration

New work

The prescribed electrical work is:

Low risk

General

High-risk (Specify):

Means of compliance:

Part 1 of AS/NZS 3000

Part 2 of AS/NZS 3000

Additional Standards or electrical code of practice were required:

No  Yes (specify):

Date or range of dates that prescribed electrical work undertaken:

Contains fittings that are safe to connect to a power supply?

Yes

No

Specify type of supply system:

The installation has an earthing system that is correctly rated (where applicable)

Yes

No

Parts of the installation to which this certificate relates that are safe to connect to a power supply?

All  Parts (specify)

The work relies on manufacturers instructions:

Yes

No

If yes – identify the instruction manual including name, date and version. Also attach a copy of manufacturer’s instructions to this certificate.

(Or provide reference to readily accessible electronic format, eg Internet link.)

Identify:

Link:

The work has been done in accordance with a certified design:

Yes

No

If yes – identify the certified design including name, date and version. Also attach a copy of the certified design to this certificate.

(Or provide reference to readily accessible electronic format, eg Internet link.)

Identify:

Link:

The work relies on a Supplier Declaration of Conformity (SDoC):

Yes

No

If yes - identify the SDoC including name, date and version OR EESS registration. Also attach a copy of the SDoC to this certificate.

(Or provide reference to readily accessible electronic format, eg Internet link.)

Identify:

Link:

The installation has been satisfactorily tested in accordance with the Electricity (Safety) Regulations 2010

No

Yes

Description of Work:

Wire plant area as per supplied plans

Test Results (provide values)

Polarity (Independent earth):	yes
Insulation resistance:	<999 m Ohms
Earth Continuity:	.2 Ohms
Bonding:	.2 Ohms
Fault Loop impedance	Ohms
Other (specify):	

By signing this document I certify that the completed prescribed electrical work to which this Certificate of Compliance applies has been done lawfully and safely, and the information in the certificate is correct.

Certifier's signature:

Date:

10/3/2019

## Electrical Safety Certificate

By signing this document I certify that the installation, or part of the installation, to which this Electrical Safety Certificate applies is connected to a power supply and is safe to use.

Certifier's name:

lawrence

Registration/Practising licence number:

E250566

Certifier's signature:

Certificate Issue Date:

10/3/2019

Connection Date:

10/3/2019

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(Name and address)

NZDCG

Name of Electrical worker:

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Registration/Practising licence number:

E250566

Phone & email:

getwiredelectrical@hotmail.com

Name and registration number of person(s) supervised:

## Certificate of Compliance

Type of work:

Addition

Alteration

New work

The prescribed electrical work is:

Low risk

General

High-risk (Specify):

Means of compliance:

Part 1 of AS/NZS 3000

Part 2 of AS/NZS 3000

Additional Standards or electrical code of practice were required:

No  Yes (specify):

Date or range of dates that prescribed electrical work undertaken:

Contains fittings that are safe to connect to a power supply?

Yes

No

Specify type of supply system:

The installation has an earthing system that is correctly rated (where applicable)

Yes

No

Parts of the installation to which this certificate relates that are safe to connect to a power supply?

All  Parts (specify)

The work relies on manufacturers instructions:

Yes

No

If yes – identify the instruction manual including name, date and version. Also attach a copy of manufacturer's instructions to this certificate.

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Identify:

Link:

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Link:

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Yes

No

If yes - identify the SDoC including name, date and version OR EESS registration. Also attach a copy of the SDoC to this certificate.

(Or provide reference to readily accessible electronic format, eg Internet link.)

Identify:

Link:

The installation has been satisfactorily tested in accordance with the Electricity (Safety) Regulations 2010

No  Yes

Description of Work:

Wire Warehouse as per supplied plans

Test Results (provide values)

Polarity (Independent earth):	yes	
Insulation resistance:	<999 m	Ohms
Earth Continuity:	.2	Ohms
Bonding:	.2	Ohms
Fault Loop impedance		Ohms
Other (specify):		

By signing this document I certify that the completed prescribed electrical work to which this Certificate of Compliance applies has been done lawfully and safely, and the information in the certificate is correct.

Certifier's signature:

Date:

10/3/2019

## Electrical Safety Certificate

By signing this document I certify that the installation, or part of the installation, to which this Electrical Safety Certificate applies is connected to a power supply and is safe to use.

Certifier's name:

lawrence

Registration/Practising licence number:

E250566

Certifier's signature:

Certificate Issue Date:

10/3/2019

Connection Date:

10/3/2019

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E250566

Phone & email:

getwiredelectrical@hotmail.com

Name and registration number of person(s) supervised:

## Certificate of Compliance

Type of work:

Addition

Alteration

New work

The prescribed electrical work is:

Low risk

General

High-risk (Specify):

Means of compliance:

Part 1 of AS/NZS 3000

Part 2 of AS/NZS 3000

Additional Standards or electrical code of practice were required:

No

Yes (specify):

Date or range of dates that prescribed electrical work undertaken:

Contains fittings that are safe to connect to a power supply?

Yes

No

Specify type of supply system:

The installation has an earthing system that is correctly rated (where applicable)

Yes

No

Parts of the installation to which this certificate relates that are safe to connect to a power supply?

All Parts (specify)

The work relies on manufacturers instructions:

Yes

No

If yes – identify the instruction manual including name, date and version. Also attach a copy of manufacturer's instructions to this certificate.

(Or provide reference to readily accessible electronic format, eg Internet link.)

Identify:

Link:

The work has been done in accordance with a certified design:

Yes

No

If yes – identify the certified design including name, date and version. Also attach a copy of the certified design to this certificate.

(Or provide reference to readily accessible electronic format, eg Internet link.)

Identify:

Link:

The work relies on a Supplier Declaration of Conformity (SDoC):

Yes

No

If yes - identify the SDoC including name, date and version OR EESS registration. Also attach a copy of the SDoC to this certificate.

(Or provide reference to readily accessible electronic format, eg Internet link.)

Identify:

Link:

The installation has been satisfactorily tested in accordance with the Electricity (Safety) Regulations 2010

No

Yes

Description of Work:

Wire Office block as per supplied plans

Test Results (provide values)

Polarity (Independent earth):	yes	
Insulation resistance:	<999 m	Ohms
Earth Continuity:	.2	Ohms
Bonding:	.2	Ohms
Fault Loop impedance		Ohms
Other (specify):		

By signing this document I certify that the completed prescribed electrical work to which this Certificate of Compliance applies has been done lawfully and safely, and the information in the certificate is correct.

Certifier's signature:

Date:

10/3/2019

## Electrical Safety Certificate

By signing this document I certify that the installation, or part of the installation, to which this Electrical Safety Certificate applies is connected to a power supply and is safe to use.

Certifier's name:

lawrence

Registration/Practising licence number:

E250566

Certifier's signature:

Certificate Issue Date:

10/3/2019

Connection Date:

10/3/2019

CUSTOMER COPY – THIS IS AN IMPORTANT DOCUMENT AND SHOULD BE RETAINED FOR A MINIMUM OF 7 YEARS

This Electrical Safety Certificate also confirms that the electrical work complies with the building code for the purposes of Section 19(1)(e) of the Building Act 2004.

# Code Compliance Certificate

Sections 95, Building Act 2004



Form 7  
Version: 4  
Updated: Jan 2020  
Review: Jan 2021

**Building Consent No: BC0037/16**

---

## The Building

Street Address of Building: 9 Ashford Avenue ASHBURTON DISTRICT

Legal Description of Land where Building is Located: LOT 17 DP 427688

Property No: 21629

Valuation Roll No: 2443034858

Building Name: NZ Dairy Collaborative Infant Formula Plant

Location of Building within Site/Block Number: N/A

Level/Unit number: N/A

Current, Lawfully Established, Use: Commercial

No Occupants per Level: N/A

No Occupants use (if more than 1): N/A

Year First Constructed: 2016

---

## The Owner

New Zealand Dairy Collaborative Limited  
PO Box 130  
ASHBURTON 7740

## Phone Numbers

Daytime: 03 552 0621  
Home: 0210332210  
Mobile: 021 069 2404  
After Hours:  
Fax:  
E-Mail: [accounts@nzdcl.com](mailto:accounts@nzdcl.com)

---

## First Point of Contact for Communications:

Thompson Engineering 2002 Limited  
PO Box 2081  
Washdyke  
TIMARU 7941

## Phone Numbers

Daytime: 0800 688 7164  
Home:  
Mobile: 0800 688 7164  
After Hours:  
Fax: 03 688 71684  
E-Mail: [Emily@thompsonltd.co.nz](mailto:Emily@thompsonltd.co.nz)

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## Building Work

Project: Stage 1- new infant formula blending plant - factory warehouse

Intended Use(s): Stage1 infant formula plant - factory warehouse

Intended Life: Indefinite

---

# Code Compliance Certificate

Sections 95, Building Act 2004



Form 7  
Version: 4  
Updated: Jan 2020  
Review: Jan 2021

## Code Compliance

The Building Consent Authority named below is satisfied, on reasonable grounds, that:

- (a) The building work complies with the building consent
- (b) The specified systems in the building are capable of performing to the performance standards set out in the building consent.

---

## Compliance Schedule

This building consent requires the following specified systems:

- SS01 Automatic systems for fire suppression/Sprinklers
- SS02 Automatic or manual emergency warning systems for fire or other dangers...
- SS03 Automatic doors (Auto sliders & fail safe doors)
- SS04 Emergency lighting systems
- SS07 Automatic back-flow preventer connected to a potable water supply
- SS09 Mechanical ventilation or air conditioning systems
- SS13 Smoke Control Systems
- SS14 Emergency power systems for or signs to relating to a system or feature in any of clauses 1 to 3
- SS15/b Final Exit Doors
- SS15/c Fire Separations
- SS15/d Signs for communication
- SS15/e Smoke Separations

---

## Related Building Amendment Applications

This Code Compliance Certificate includes work related to the following building amendments:

- BC0037/16.01 - Steel grating platform. with stairs to hold air handling units
- BC0037/16.02 - Amendment - Air handling unit & ducting frame
- BC0037/16.03 - Amendment - 2nd new steel platform
- BC0037/16.04 - Variation - amenities/lunchroom position and freezer panel layout

---

pp

A handwritten signature in black ink, appearing to read "L.M. Wong".

---

## Signature

**Name** Michael Wong  
**Position** Building Official  
**On behalf of Ashburton District Council 23 February 2021**



# Project Information Memorandum/Building Consent Application

Section 33 or Section 45, Building Act 2004

BAM 002 PIM BC  
VER. 8  
Updated: Nov 2013  
Review: Nov 2014

For Office Use Only:

BC No: *BCC0057/16*

Date Received:

Please return this form to: [building@adc.govt.nz](mailto:building@adc.govt.nz) or Ashburton District Council, PO Box 94, Ashburton 7740

Application (Only complete items that are applicable to your project)			
I request that you issue a:			
Project Information Memorandum (PIM)	<input type="checkbox"/>	Building Consent	<input checked="" type="checkbox"/>
		*Your project may also require a PIM, you will be advised when you submit your application if this is required	
		Building Consent and PIM	<input type="checkbox"/>
Has a PIM been issued previously in respect of this project? If <b>yes</b> , please provide a copy if applicable.		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Is this project related to earthquake damage?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Is this consent for a relocated or transportable building?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Building Information			
Building Name (if any): <b>NZ Dairy Collaborative Infant Formula Blending Plant</b>			
Street Address (or Rapid Number): <b>9 Ashford Avenue, Ashburton</b>			
Legal Description: <b>Lot 17 DP 427688</b>		Valuation Number: <b>2443034858</b>	
Number of levels: <b>Blending Plant: 1, Office: 2</b>		Level\Unit no:	
Approx. Year building first constructed? <b>N/A</b>			
Currently lawfully established use: <b>N/A</b>			
Fencing of Swimming Pool Act 1987 Is there a swimming pool/spa pool on this site or associated with this project		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Total Floor Area (all floors)	Existing(m2): <b>0 m<sup>2</sup></b>	Want to add(m2): <b>5447 m<sup>2</sup></b>	
The Owner			
Owner's Name <b>NZ Dairy Collaborative Group</b>			
Contact Person (if different from owner): <b>Tim Ross, Architype (on behalf of Solomon Ling)</b>			

Mail/ Billing Address:	
Street Address/Registered Office: <b>7 Bath Street, Dunedin 9016</b>	
Daytime Phone Number: <b>03 552 0621</b>	Cellphone: <b>021 069 2404</b>
Email Address: <b>tim@architype.co.nz</b>	After Hours Number:
<b>The Agent</b>	
<b>Note:</b> The Agent will be the first point of contact for communications with the Council/Building Consent Authority regarding this application/building work and will receive all correspondence including all invoices.	
Agent's Name <b>Thompson Construction and Engineering</b>	
Contact Person (if Agent is not an individual): <b>Annelies Cloake</b>	
Mailing/Billing Address: <b>PO Box 2081, Washdyke</b>	
Street Address/Registered Office: <b>9b Meadows Road, Washdyke, Timaru</b>	
Daytime Phone Number: <b>03 688 7164</b>	Cellphone:
Email Address: <b>design@thompsonltd.co.nz</b>	After Hours Number:
<b>The Project</b>	
Description of building work (E.g. dwelling, commercial, farm shed, garage etc.) <b>Construction of a 4442m<sup>2</sup> infant formula blending plant and a 1005m<sup>2</sup> Office. Proposed development will be a steel portal and precast panel structure. Stage 1 is civil and the Factory Warehouse Structure, Stage 2 is Office construction, Stage 3 will cover Plant fit out if required.</b>	
Will the building work result in a change of use of the building?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
If <b>yes</b> , please provide details on intended use.	
Intended life of the building	
Indefinite but not less than 50 years <input checked="" type="checkbox"/>	OR Specified as _____ years
Is this project being completed in Phases/Stages?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
What stage is this application? <b>1</b> of <b>3</b>	Related BC Numbers: <b>N/A</b>
List Building Consents previously issued for this building (if any) <b>N/A</b>	

Estimated Value of Building Work on which levy will be calculated (inc. GST) as defined in Section 7 of the Building Act 2004:

Approximately \$4,500,000.00

### Restricted Building Work

Will the building work include any restricted building work? If **yes**, please provide the following details on all Licenced Building Practitioners involved. If these details are unknown at time of application, they must be supplied before work begins.

Yes  No

**Note 1:** Enter the Licensed Building Practitioner (LBP) number or registration number if treated as being licensed under Section 291 of Building Act 2004

**Note 2:** A Memoranda/Certificate of Design Work must be submitted for each LBP involved in the Design work. This form can be downloaded from [www.ashburtondc.govt.nz](http://www.ashburtondc.govt.nz)

Name	Licence Class	LBP No.	Mailing Address	Phone Number	Work carried out or supervised

### Project Information Memorandum

Tick the matters relevant to the project. Complete this section only if you have applied for a PIM:

- Subdivision
- Alteration to land contours
- New or altered connections to public utilities
- New or altered locations and/or external dimensions of the buildings
- New or altered access for vehicles
- Building work over or adjacent to any road or public place
- Disposal of storm water and waste water
- Building work over any existing drains or sewers or in close proximity to wells or water mains
- Rapid Numbers
- Other matters known to the applicant that may require authorisations from the territorial authority. Please specify:

**Note:** Development Contributions may be levied in cases where extra demand for services is required. Refer to our 'Customer Guide for Development Contributions' for more information

### Building Consent

Complete this section only if you have applied for a building consent:

**Note:** All plans and specifications must meet minimum requirements set out in the regulations or required by the Building Consent Authority.

The building work will comply with the Building Code as follows:

BUILDING CODE CLAUSE		MEANS OF COMPLIANCE (refer to the relevant compliance document(s) or detail of alternative solution in the plans & specifications; if not applicable, put n/a)	WAIVER/MODIFICATION REQUIRED (state nature of waiver or modification of building code required)
B1	Structure	<input type="checkbox"/> NZS3604 <input checked="" type="checkbox"/> NZS1170 NZS4229 <input type="checkbox"/> Other..... (specify)	
B2	Durability	<input type="checkbox"/> B2/AS1 NZS3101 NZS3602 <input type="checkbox"/> NZS3604 Other ..... (specify)	Designed to last greater than 50 years

C1	Objective	<input checked="" type="checkbox"/> C/AS1 – C/AS7 <input type="checkbox"/> C/VM1 <input type="checkbox"/> C/VM2 <input type="checkbox"/> Other..... (specify)		
C2	Prevention of Fire Occurring	<input checked="" type="checkbox"/> C/AS1 – C/AS7 <input type="checkbox"/> C/VM1 <input type="checkbox"/> C/VM2 <input type="checkbox"/> Other..... (specify)		
C3	Fire Affecting Areas Beyond Fire Source	<input checked="" type="checkbox"/> C/AS1 – C/AS7 <input type="checkbox"/> C/VM1 <input type="checkbox"/> C/VM2 <input type="checkbox"/> Other..... (specify))		
C4	Movement to a Safe Place	<input checked="" type="checkbox"/> C/AS1 – C/AS7 <input type="checkbox"/> C/VM1 <input type="checkbox"/> C/VM2 <input type="checkbox"/> Other..... (specify)		
C5	Access and Safety for Fire-Fighting Operations	<input checked="" type="checkbox"/> C/AS1 – C/AS7 <input type="checkbox"/> C/VM1 <input type="checkbox"/> C/VM2 <input type="checkbox"/> Other..... (specify)		
C6	Structural Stability	<input checked="" type="checkbox"/> C/AS1 – C/AS7 <input type="checkbox"/> C/VM1 <input type="checkbox"/> C/VM2 <input type="checkbox"/> Other..... (specify)		
D1	Access Routes	<input checked="" type="checkbox"/> D1/AS1 NZS4121 Other..... (specify)		
D2	Mechanical installations for access	<input type="checkbox"/> D2/AS1 NZS4332 EN81 <input type="checkbox"/> EN115 Other..... (specify)	not applicable	
E1	Surface water	<input checked="" type="checkbox"/> E1/AS1 AS/NZS3500.3 <input type="checkbox"/> Other .....(specify)		
E2	External moisture	<input checked="" type="checkbox"/> E2/AS1 <input type="checkbox"/> Specific design and testing	E2/AS3 for precast	
E3	Internal moisture	<input checked="" type="checkbox"/> E3/AS1 Other..... (specify)		
F1	Hazardous agents on site	<input type="checkbox"/> F1/AS1 Other..... (specify)	not applicable	
F2	Hazardous building materials	<input checked="" type="checkbox"/> F2/AS1 NZS4223 <input type="checkbox"/> Other .....(specify)		
F3	Hazardous substances and processes	<input checked="" type="checkbox"/> F3/AS1 Other..... (specify)		

F4	Safety from falling	<input checked="" type="checkbox"/> F4/AS1 FSP Act <input type="checkbox"/> Other .....(specify)		
F5	Construction and demolition hazards	<input checked="" type="checkbox"/> F5/AS1 Other .....(specify)		
F6	Lighting for emergency	<input checked="" type="checkbox"/> F6/AS1 Other .....(specify)		
F7	Warning systems	<input checked="" type="checkbox"/> F7/AS1 NZS4512 <input type="checkbox"/> Other .....(specify)		
F8	Signs	<input checked="" type="checkbox"/> F8/AS1 Other .....(specify)		
G1	Personal hygiene	<input checked="" type="checkbox"/> G1/AS1 Other .....(specify)		
G2	Laundering	<input type="checkbox"/> G2/AS1 Other.....(specify)	not applicable	
G3	Food prep. And prevention of contamination	<input checked="" type="checkbox"/> G3/AS1 Other .....(specify)		
G4	Ventilation	<input checked="" type="checkbox"/> G4/AS1 AS1668.2 <input type="checkbox"/> Other .....(specify)		
G5	Interior environment	<input checked="" type="checkbox"/> G5/AS1 Other .....(specify)		
G6	Airborne and impact sound	<input type="checkbox"/> G6/AS1 Other .....(specify)	not applicable	
G7	Natural light	<input checked="" type="checkbox"/> G7/AS1 Other .....(specify)		
G8	Artificial light	<input checked="" type="checkbox"/> G8/AS1 NZS6703 <input type="checkbox"/> Other .....(specify)		
G9	Electricity	<input checked="" type="checkbox"/> G9/AS1 Other.....(specify)		
G10	Piped services	<input type="checkbox"/> G10/AS1 NZS5261 <input type="checkbox"/> Other..... (specify)	not applicable	
G11	Gas as an energy source	<input type="checkbox"/> G11/AS1 Other .....(specify)	not applicable	

<b>G12</b>	Water supplies	<input checked="" type="checkbox"/> G12/AS1 AS/NZS3500.1 <input type="checkbox"/> AS/NZS3500.4 Other .....(specify)		
<b>G13</b>	Foul water	<input type="checkbox"/> G13/AS1 AS/NZS3500.2 <input checked="" type="checkbox"/> BS5572 Other ... <b>G13/AS3</b>		
<b>G14</b>	Industrial liquid waste	<input type="checkbox"/> G14/AS1 Other .....(specify)	not applicable	
<b>G15</b>	Solid waste	<input type="checkbox"/> G15/AS1 Other .....(specify)	not applicable	
<b>H1</b>	Energy efficiency provisions	<input checked="" type="checkbox"/> H1/AS1 NZS4218 NZS4243 <input type="checkbox"/> ALF Design Manual NZS4214 <input type="checkbox"/> Other .....(specify)		

COMPLIANCE SCHEDULE			
(Not applicable if applying for a Project Information Memorandum (PIM) only)			
<b>Are there any specified systems associated with this project?</b>			
There are no Specified Systems associated with this project			N
The following Specified Systems are being altered, added to or removed in the course of the building work: (specified systems are defined in regulations) <b>Refer to fire report Appendix 2 for further clarification</b>			Y
SS Code	Specified Systems <small>(tick which systems apply to your project)</small>	Applicable Systems	Specified System Information Template Completed?
	<b>Note:</b> A Specified System Information Template must be completed for <b>each</b> Specified System. This form can be downloaded from <a href="http://www.ashburtondc.govt.nz">www.ashburtondc.govt.nz</a>		
1	Automatic systems for fire suppression <i>(for example, sprinkler systems)</i>	<input checked="" type="checkbox"/>	
2	Automatic emergency warning systems for fire or other dangers <i>(other than a warning system for fire that is entirely within a household unit and serves only that unit)</i>	<input checked="" type="checkbox"/>	
3	Electromagnetic or automatic doors or windows <i>(for example, ones that close on fire alarm activation)</i>	<input checked="" type="checkbox"/>	
4	Emergency lighting systems.	<input checked="" type="checkbox"/>	
5	Escape route pressurisation systems.		
6	Riser mains for use by fire services.		

7	Automatic backflow preventers connected to a potable water supply.		
8	Lifts, escalators, travelators, or other systems for moving people or goods within buildings.		
9	Mechanical ventilation or air conditioning systems.		
10	Building maintenance units providing access to exterior and interior walls of buildings.		
11	Laboratory fumes cupboards.		
12	Audio loops or other assistive listening systems.		
13	Smoke control systems.	✓	
14	Emergency power systems for, or signs relating to, a system of feature specified in any clauses of 1 to 13.	✓	
15	Any or all of the following systems and features, so long as they form part of a building's means of escape from fire, and so long as those means also contain any or all of the systems or features specified in clauses 1 to 6, 9, and 13:		
15a	Systems for communicating spoken information intended to facilitate evacuation; and		
15b	Final exits ( <i>as defined by clause A2 of the building code</i> ); and	✓	
15c	Fire separations ( <i>as so defined</i> ); and	✓	
15d	Signs for communicating information intended to facilitate evacuation; and	✓	
15e	Smoke separations ( <i>as so defined</i> )	✓	
16	Cable Cars		
Purpose Group: <b>WL/WH</b>		Fire Hazard Category: <b>4</b>	Maximum Occupant Load: <b>Refer to fire report Section 5</b>

### Required Attachments

Please ensure that you have included these documents to your application. Tick the documents that you have attached.

- Plans and Specifications (2 copies for Residential and Commercial PIM only – 1 copy of Site Plans, Floor Plan and Elevations)
- Project Information Memorandum
- Certificate attached to Project Information Memorandum
- Development Contribution Notice
- Evidence of Ownership

- Building Consent Application Checklist (Residential or Commercial)
- Memoranda (Certificate of Design Work) from each Licensed Building Practitioner who carried out or supervised any design work that is restricted building work
- Specified System Information Template for each Specified System
- Application fee (Refer to our current Schedule of Fees and Charges at [www.ashburtondc.govt.nz](http://www.ashburtondc.govt.nz))

**Note:** All plans and specifications must meet minimum requirements set out in the regulations or required by the Building Consent Authority.

**Notes by Applicant** (Please include any notes or comments you may wish to add)

**Method of Payment**

- |             |                          |               |                                     |        |                          |
|-------------|--------------------------|---------------|-------------------------------------|--------|--------------------------|
| Cash        | <input type="checkbox"/> | Cheque        | <input type="checkbox"/>            | Eftpos | <input type="checkbox"/> |
| Credit Card | <input type="checkbox"/> | Direct Credit | <input checked="" type="checkbox"/> |        |                          |

Note: For direct credit, please make payment to account number 03-15920521970-00 include name of applicant and the Building Consent Number (if known). If you don't know the Building Consent number, please enter letters BC in the reference field. This will enable us to match your payment and prevent delays in processing your request.

**Privacy Act**

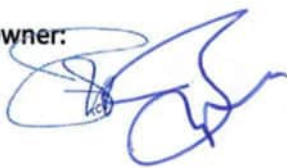
Applicants for Building Consents are advised that the details provided on the Building Consent Application form are required to be held in a public register and on file where they may be perused by any interested individual. A summary of information compiled from these forms is also provided to the Councils Valuation Service Provider, Department of Building and Housing, Building Research Association, the media and on request, to the public. The consequence of not providing information is that a Building Consent will not be issued.

## Signature

### Declaration

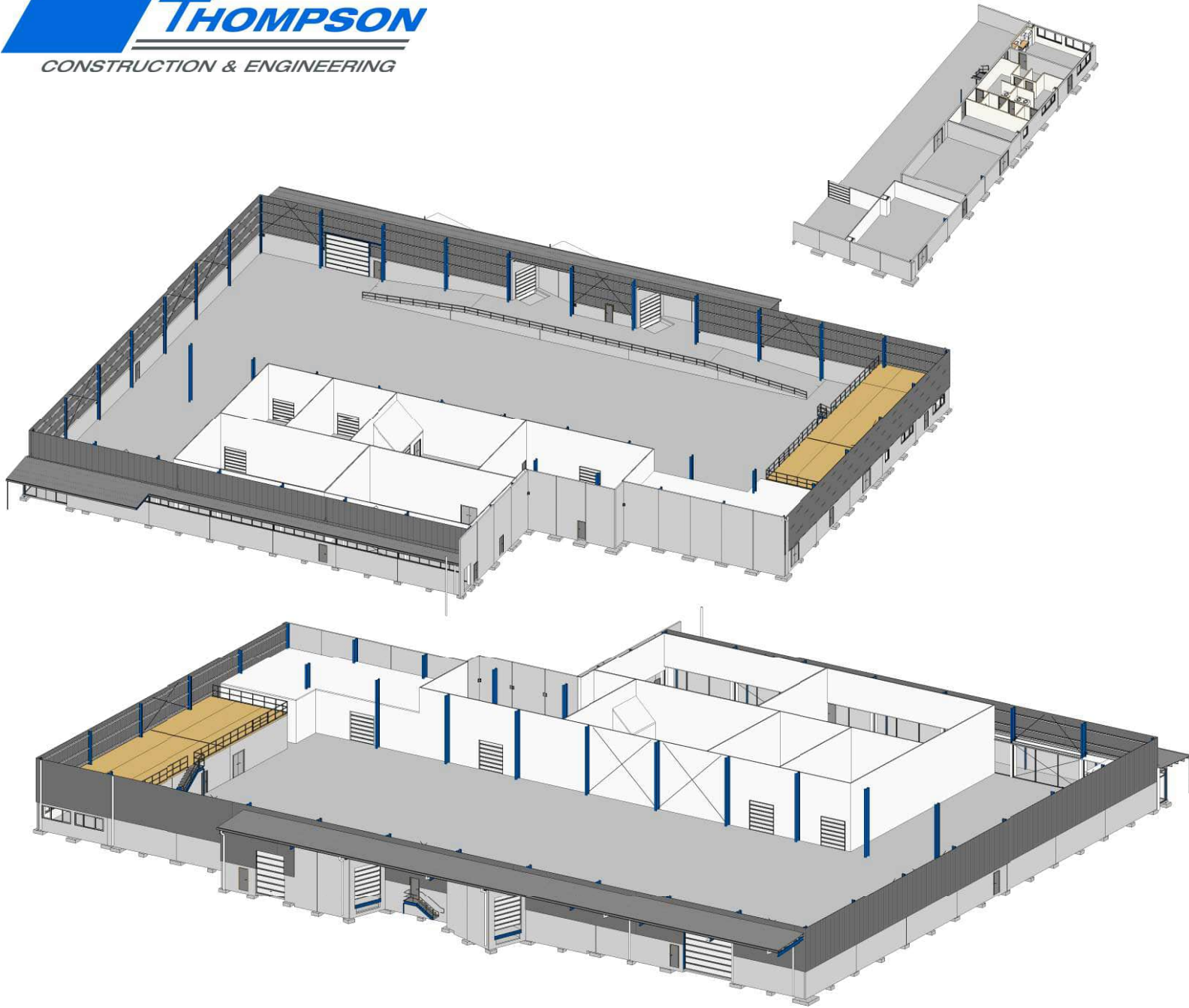
I declare as owner or agent of the owner, that I have provided all the information requested on this form, in relation to the project site, known to the owner and agent. I am aware that withholding any such information may invalidate the Project Information Memorandum and the Building Consent issued by Council.

Signed by Owner or on behalf of the owner:



Date: 11/01/16

Name: Bryce Holloway



**Architectural Sheet List**

Sheet Number	Sheet Name	Current Revision	Current Revision Date
A0100	Site Plan	1	18/12/15
A0200	Ground Floor		
A0202	Ground floor callouts		
A0300	Cross Sections		
A0301	Cross Sections		
A0303	Refrig Fitout Plan and Sections		
A0304	Refrig Fitout Sections		
A0305	Refrig Fitout Sections		
A0400	Elevations A and C		
A0401	Elevations B and D		
A0500	Plumbing Ground Floor		
A0600	D W Ground Floor Plan		
A0601	D W External		
A0602	D W Internal		
A0603	Balustrades		
A0800	Stairs and Decks		
A1300	Roof Plan		
A1301	Flashing Details		
A1302	Flashing Details 2		
A1400	H1 Compliance		

Approved As Shown  
Contract Documents  
BC0037/16  
All Workman Check and Drawn

NZ Dairy Collaborative Group  
Infant Formula Blending Plant

9 Ashford Ave., Ashburton

JOB #	12412
DATE:	23/01/16

**SITE PLAN**

PROJECT NAME: NZ Dairy Collaborative Group  
 PROJECT DESCRIPTION: Infant Formula Blending Plant  
 PROJECT ADDRESS: 9 Ashford Ave, Ashburton  
 APPELLATION: Lot 17 DP 427688

AREA OF PROPOSED NEW BUILDINGS:  
 Blending Plant = 4442m<sup>2</sup>  
 Office = 1005m<sup>2</sup> (Separate Building Consent)

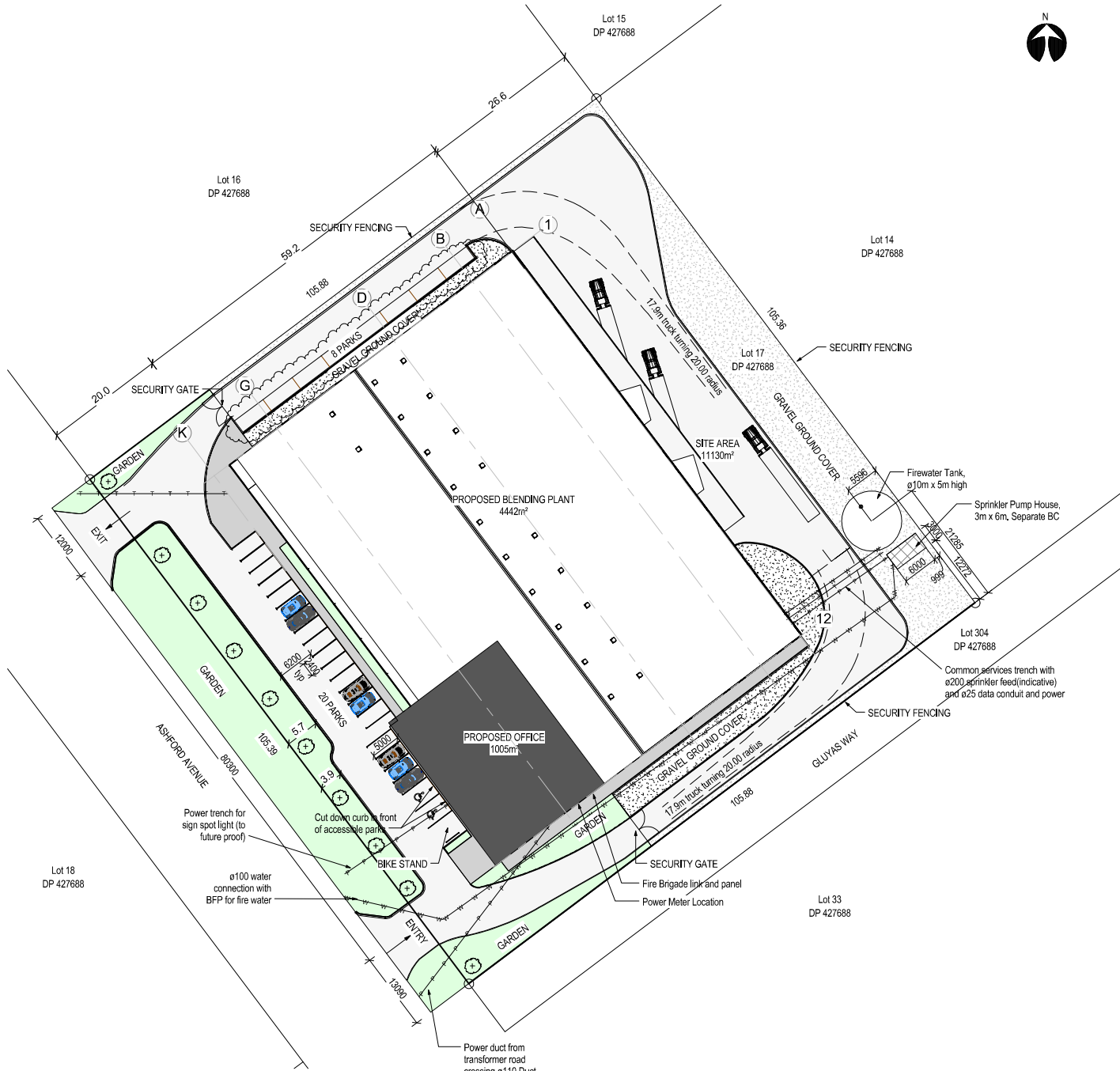
LANDSCAPING: 3m wide landscaping strip

**KEY**

	Data (Telephone)
	Power
	Water

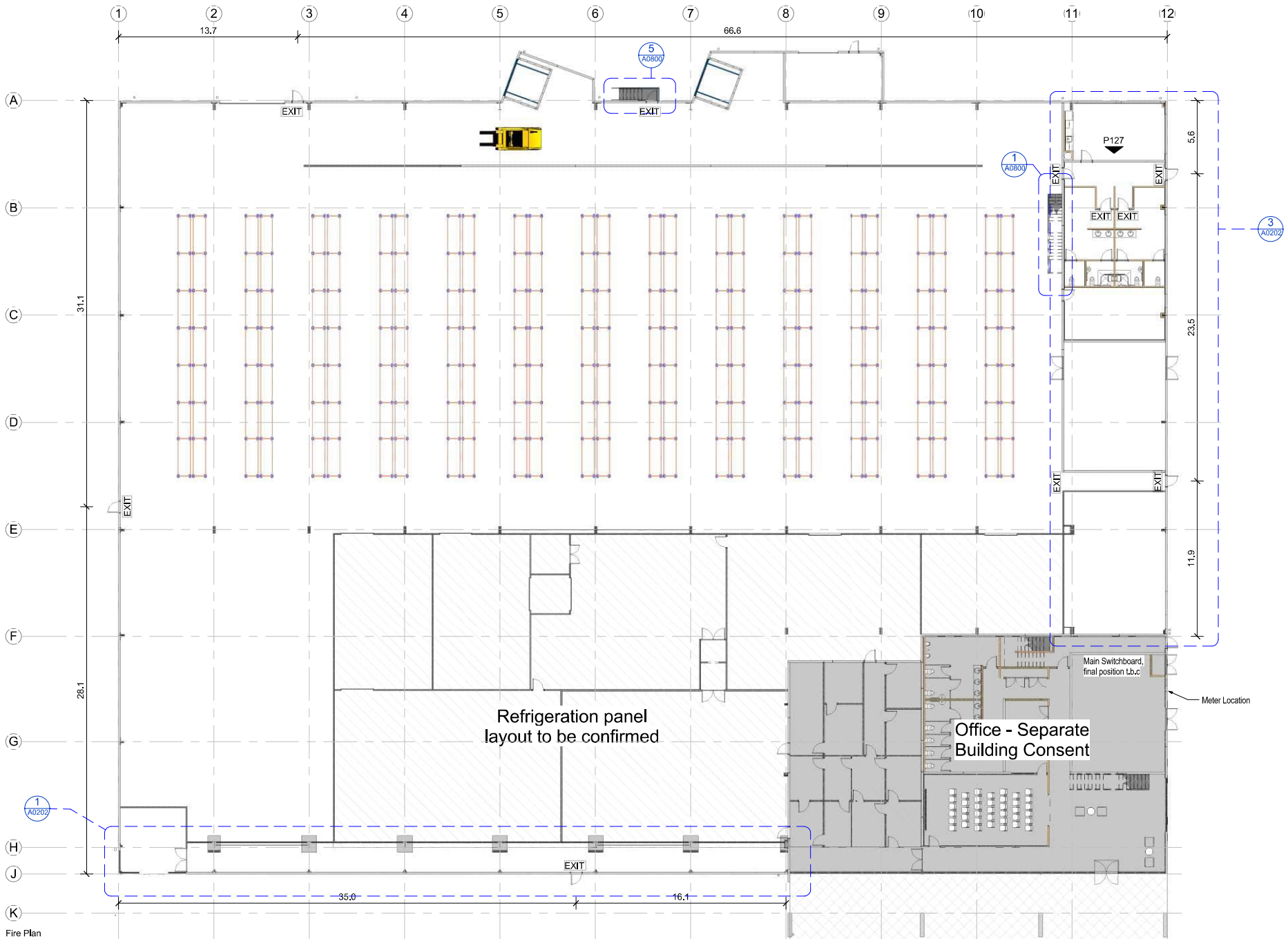
Please refer to Civil and Services plan by TM Consultants for further information.

Approved As Shown  
 Contract Documents  
 BC0037/16  
 All Dimensions Shown in Meters



Rev#	Amendments	Date	SCALE	JOB #
1	PIM Parking	18/12/15	As indicated @ A2	12412
DRAWN BY		DATE		REV
T Langr		23/01/16		1
APPROVED BY			REV	
A. Cloake			1	
<b>Site Plan</b>			<b>A0100</b>	
Please note: All dimensions to be verified on site				Paper size: A2

ELEVATION KEY



Fire Plan  
1:200

PROJECT

NZ Dairy Collaborative Group  
Infant Formula Blending Plant

9 Ashford Ave., Ashburton

Rev#

Amendments

Date

SCALE As indicated @ A2

JOB # 12412

DRAWN BY C. White

DATE 23/01/16

APPROVED BY A. Cloake

REV

Ground Floor

A0200

Please note: All dimensions to be verified on site

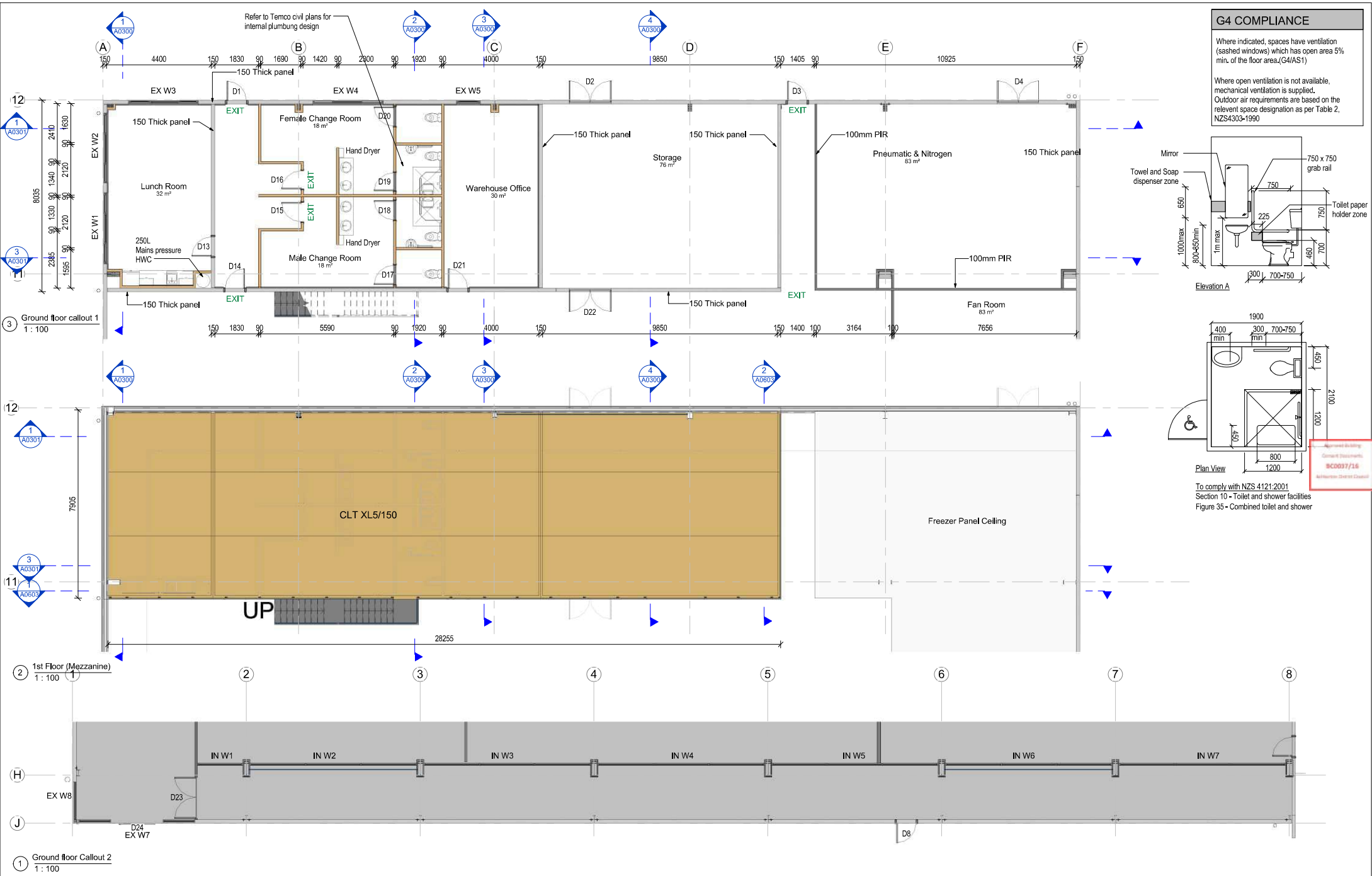
Paper size: A2

Arch



Thompson Engineering 2002 Ltd | 90 Bay of Plenty, Whangarei - Timaru | 99 Meadows Road - Timaru  
131 Victoria Street - Ashburton | 100-102 Victoria Street - Christchurch | design@thompsonengineering.co.nz

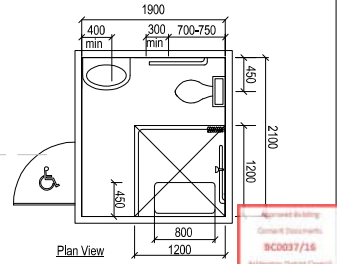
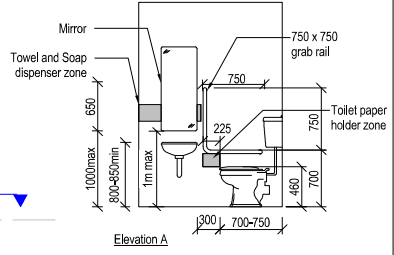
All Drawings property of Thompson Engineering 2002 Ltd



**G4 COMPLIANCE**

Where indicated, spaces have ventilation (sashed windows) which has open area 5% min. of the floor area.(G4/AS1)

Where open ventilation is not available, mechanical ventilation is supplied. Outdoor air requirements are based on the relevant space designation as per Table 2. NZS4303-1990



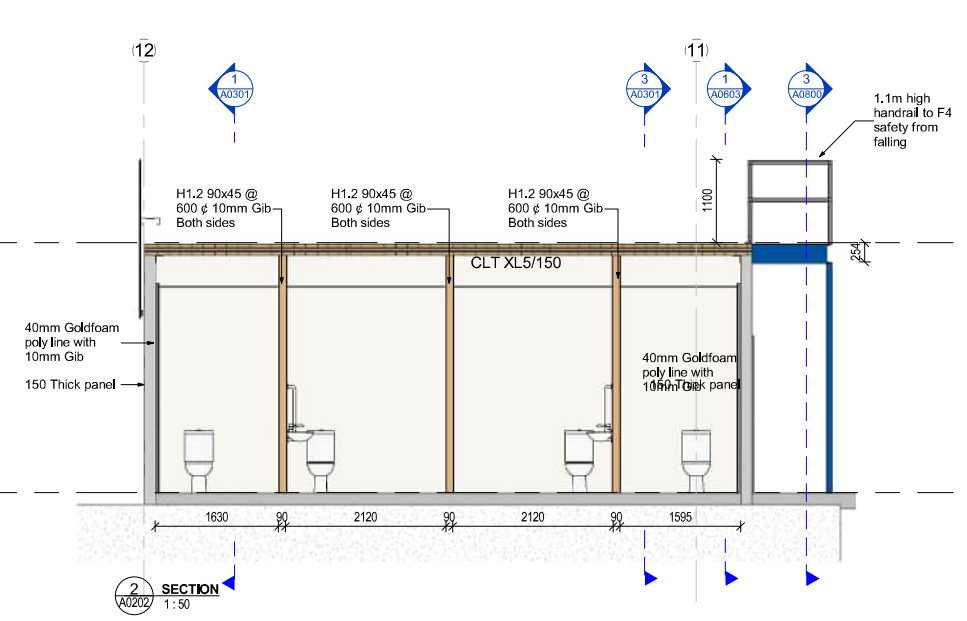
To comply with NZS 4121:2001  
Section 10 - Toilet and shower facilities  
Figure 35 - Combined toilet and shower

Approved As Shown  
Consent Document  
BCD037/16  
All Work Done as Shown

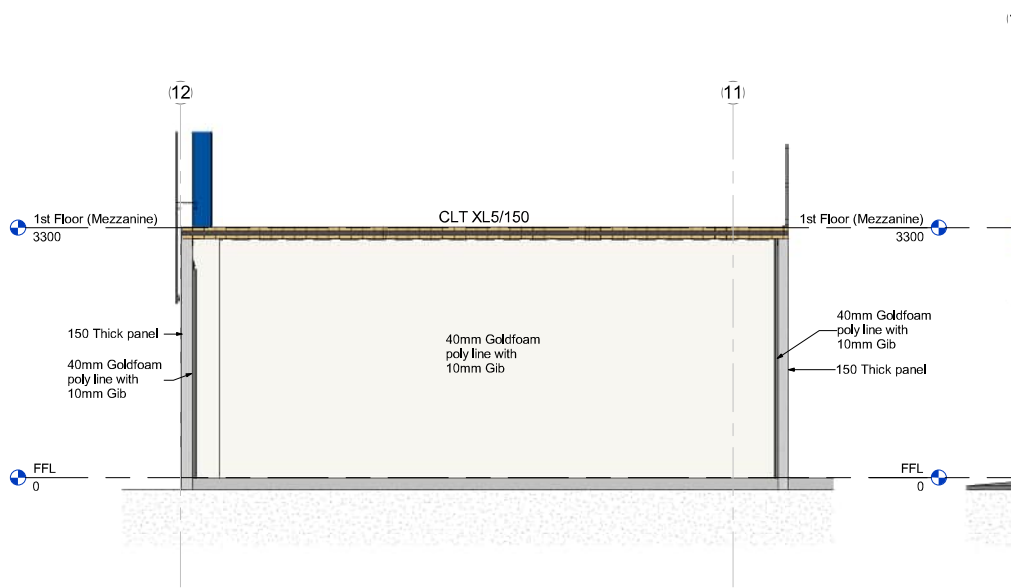
<p><b>THOMPSON</b> CONSTRUCTION &amp; ENGINEERING</p>	<p>PROJECT</p> <p><b>NZ Dairy Collaborative Group Infant Formula Blending Plant</b></p> <p>Arch 9 Ashford Ave., Ashburton</p>	Rev#	Amendments	Date	SCALE As indicated@ A2	JOB # 12412
					DRAWN BY C. White	DATE 23/01/16
					APPROVED BY A. Cloake	REV
					<b>Ground floor callouts</b>	<b>A0202</b>
					Please note: All dimensions to be verified on site	
					Paper size: A2	



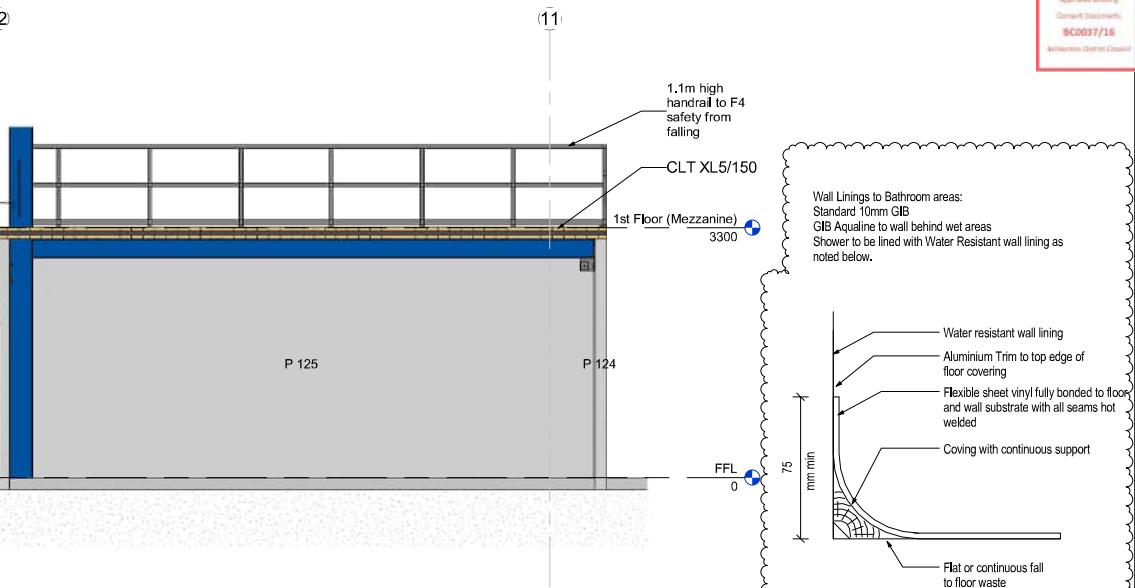
SECTION 1  
1:50



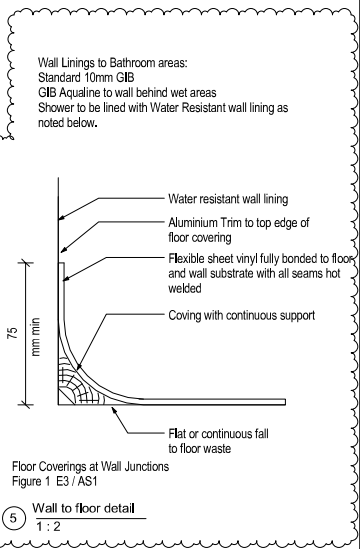
SECTION 2  
1:50



SECTION 3  
1:50



SECTION 4  
1:50



Approved As Shown  
Contract Documents  
BC0037/16  
All Dimensions Unless Stated

**THOMPSON**  
CONSTRUCTION & ENGINEERING

PROJECT  
**Arch**

**NZ Dairy Collaborative Group**  
**Infant Formula Blending Plant**  
9 Ashford Ave., Ashburton

**PRELIMINARY**  
Subject to Building Consent

Rev#	Amendments	Date
5	Council RFI 2	18/02/16

SCALE	As indicated @ A2	JOB #	12412
DRAWN BY	C. White	DATE	23/01/16
APPROVED BY	A. Cloake	REV	5
<b>Cross Sections</b>		<b>A0300</b>	
Please note: All dimensions to be verified on site			
			Page size: A2