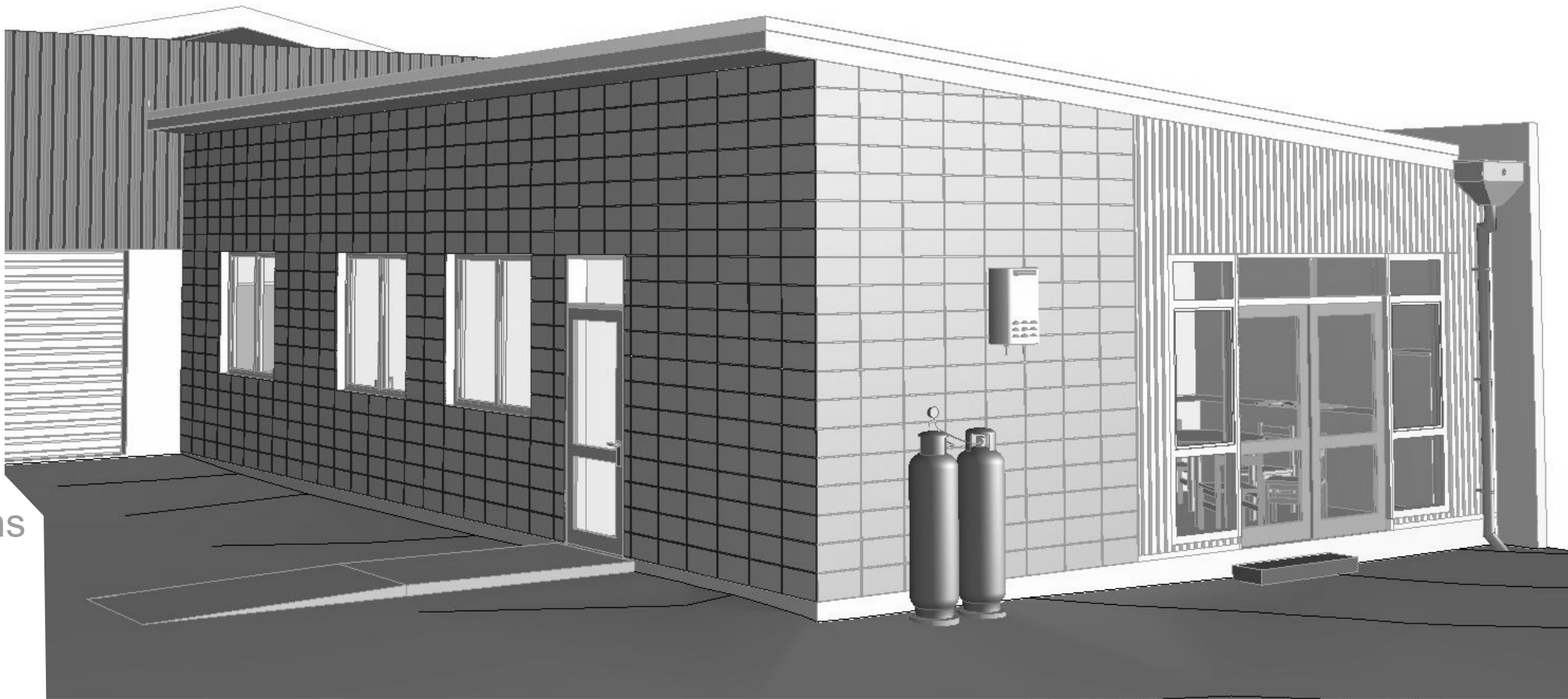


Proposed Additions 80 Byron Street Christchurch

For Clip & Climb

Architectural Index

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A2	2	Site Plan Proposed
A4	3	Plumbing Plan
A5	1	Floor Plan Existing
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A9	1	Foundation Plan
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A12	1	Gridline Cross Sections
A13	1	Architectural Details
A14	1	Architectural Details
A15	1	Architectural Details
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A17	1	Steel Work Plan
A18	1	Gridline 1 Steel details
A19	1	Roof Plan
A20	1	Skylight Details
A21	1	Exterior Joinery Schedule
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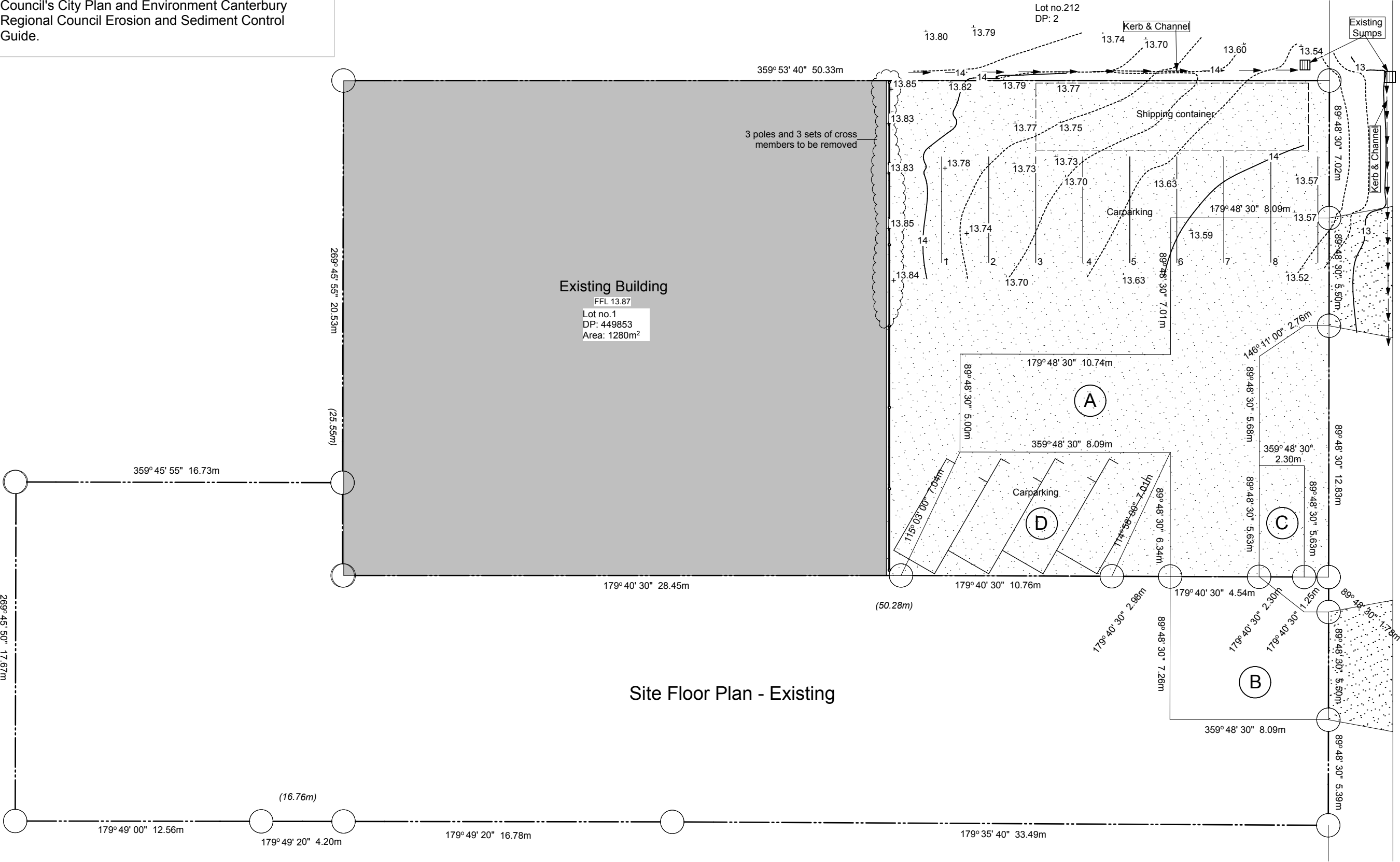
Notes

Sediment and runoff control management plan shall be designed and installed by the licensed building practitioner prior to, or, during the siteworks for the project. The sediment controls shall be installed in accordance with the requirements of Christchurch City Council's City Plan and Environment Canterbury Regional Council Erosion and Sediment Control Guide.

Notes

Wind Exposure Zone
Earthquake Zone
Snow Load

Low
C
2
N4 -1kPa



Site Floor Plan - Existing

Notes

Sediment and runoff control management plan shall be designed and installed by the licensed building practitioner prior to, or, during the siteworks for the project. The sediment controls shall be installed in accordance with the requirements of Christchurch City Council's City Plan and Environment Canterbury Regional Council Erosion and Sediment Control Guide.

Car parking calculations:

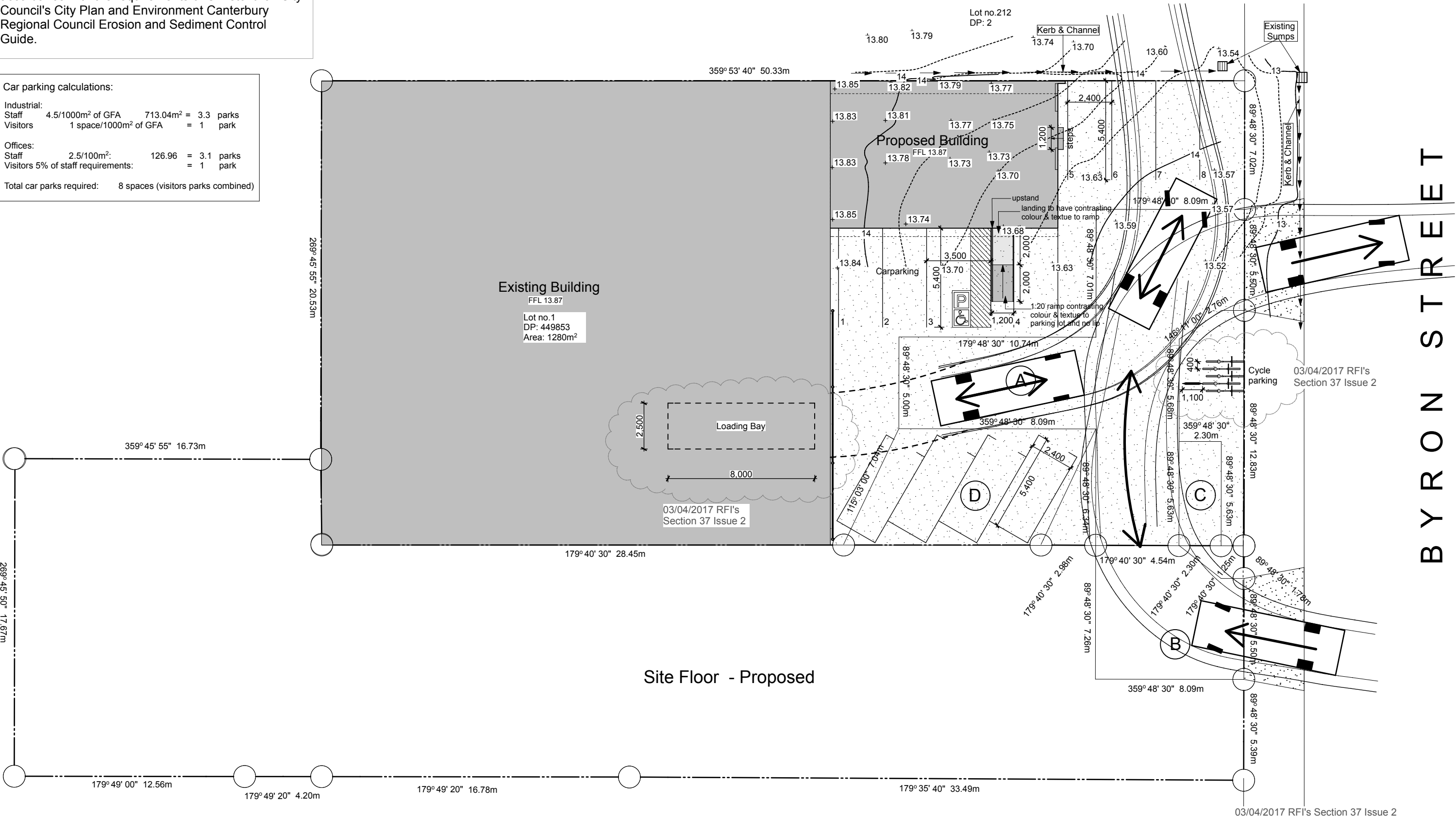
Industrial:
Staff 4.5/1000m² of GFA 713.04m² = 3.3 parks
Visitors 1 space/1000m² of GFA = 1 park

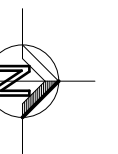
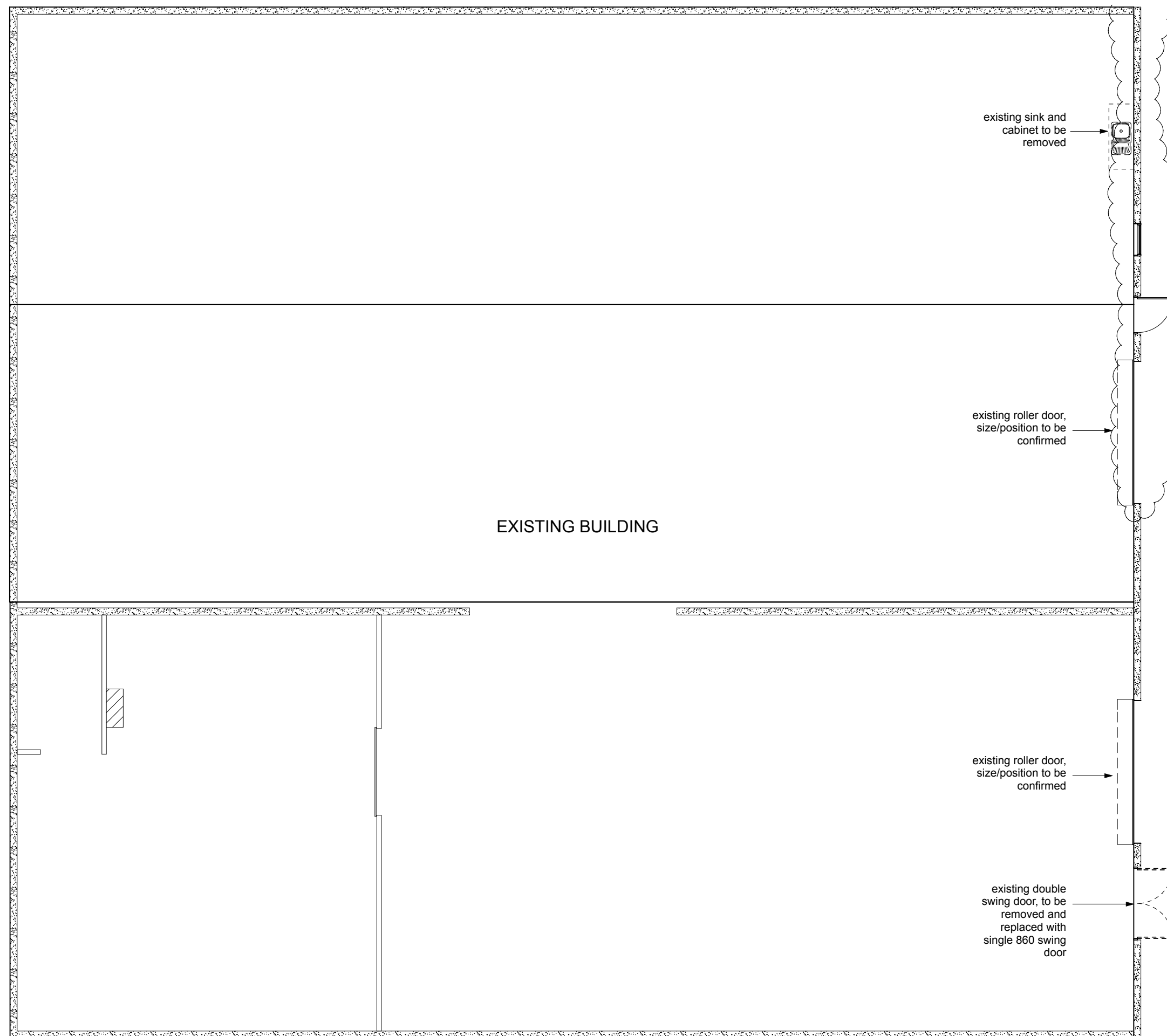
Offices:
Staff 2.5/100m²: 126.96 = 3.1 parks
Visitors 5% of staff requirements: = 1 park

Total car parks required: 8 spaces (visitors parks combined)

Notes

Wind Exposure Zone Low
Earthquake Zone C
Snow Load 2
N4 -1kPa





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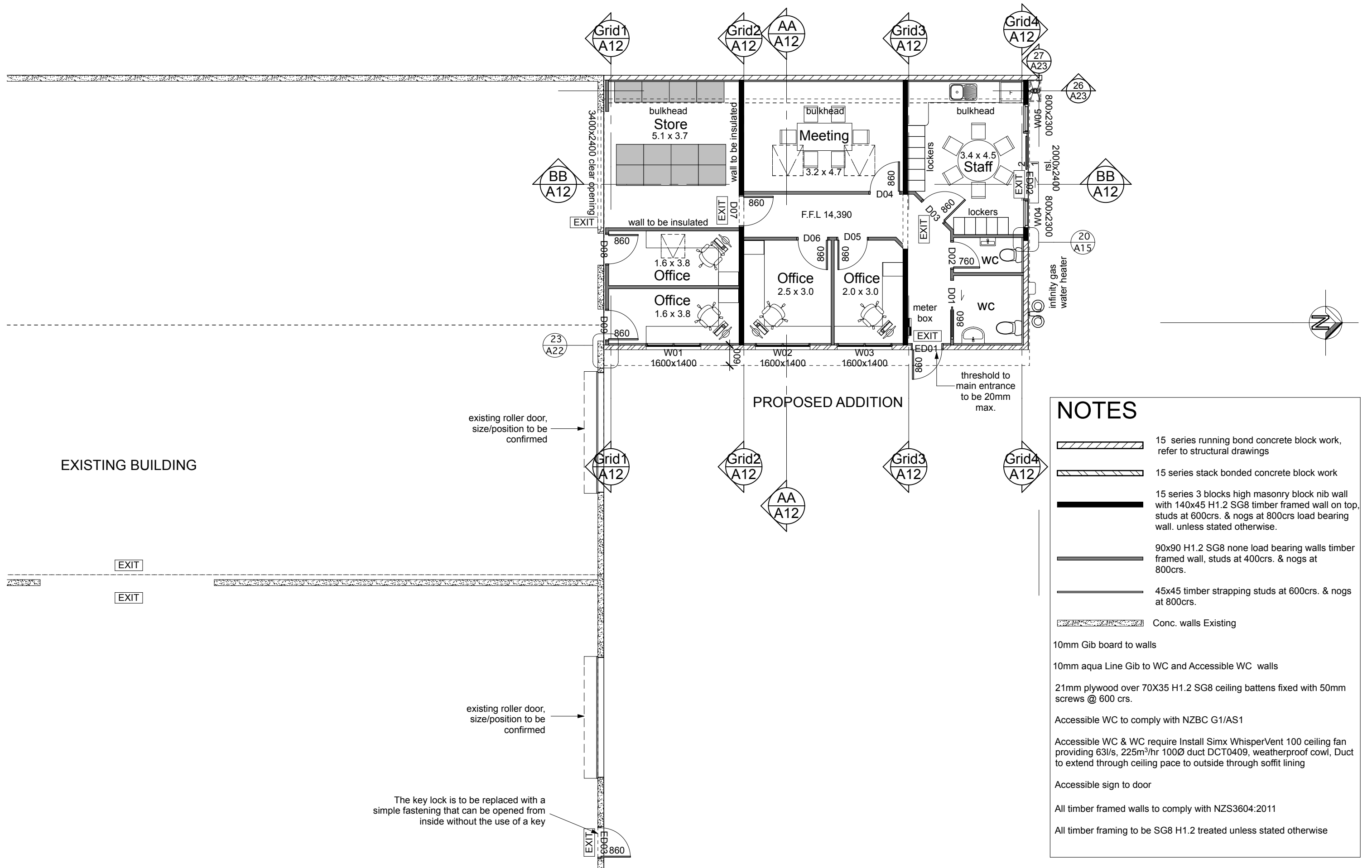
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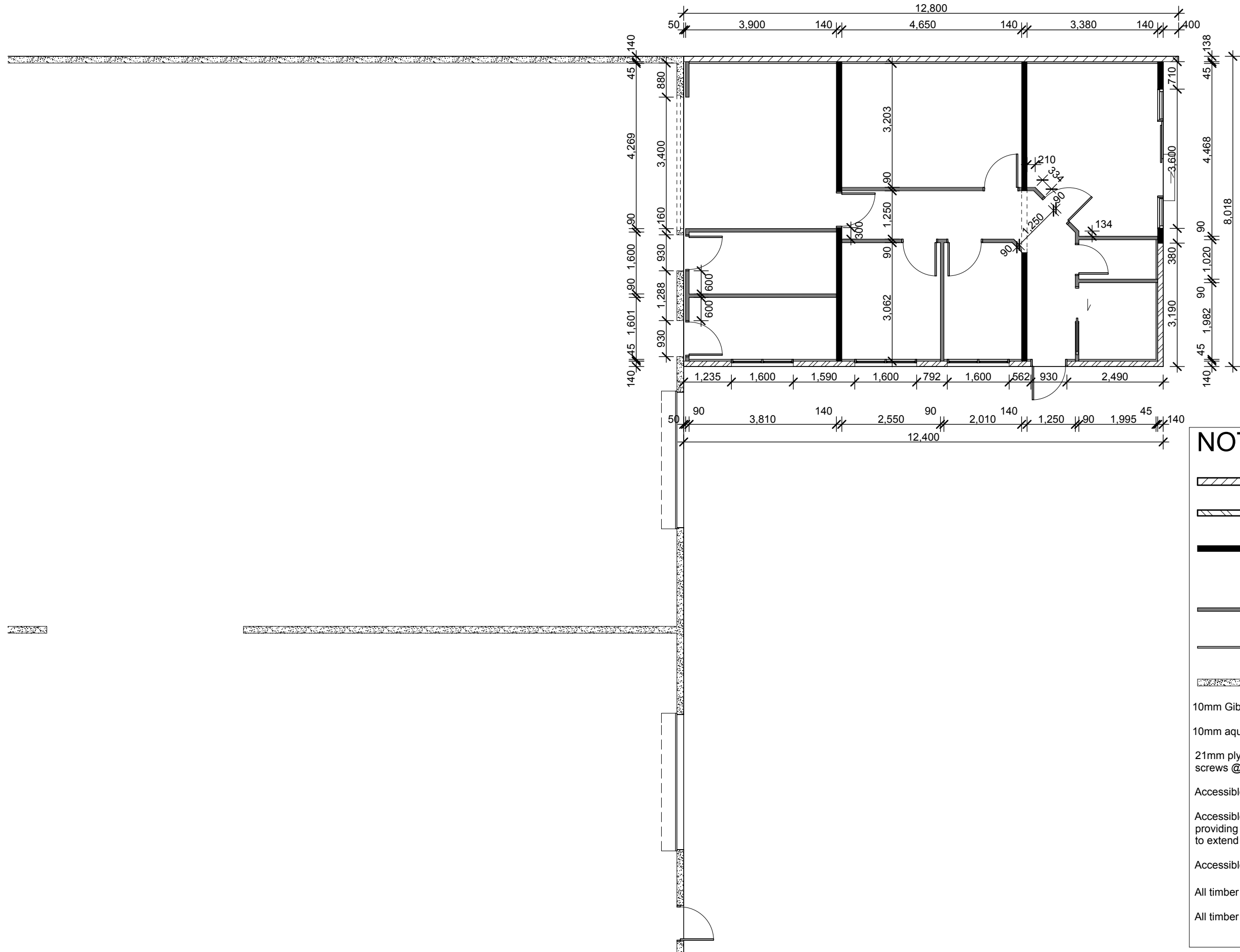
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Drawing: Floor Plan - Existing
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Issue: 1
Sheet no.
A5
of sheets





NOTES

- 15 series running bond concrete block work, refer to structural drawings
- 15 series stack bonded concrete block work
- 15 series 3 blocks high masonry block nib wall with 140x45 H1.2 SG8 timber framed wall on top, studs at 600crs. & nogs at 800crs load bearing wall, unless stated otherwise.
- 90x90 H1.2 SG8 none load bearing walls timber framed wall, studs at 400crs. & nogs at 800crs.
- 45x45 timber strapping studs at 600crs. & nogs at 800crs.
- Conc. walls Existing

10mm Gib board to walls

10mm aqua Line Gib to WC and Accessible WC walls

21mm plywood over 70X35 H1.2 SG8 ceiling battens fixed with 50mm screws @ 600 crs.

Accessible WC to comply with NZBC G1/AS1

Accessible WC & WC require Install Simx WhisperVent 100 ceiling fan providing 63l/s, 225m³/hr 100Ø duct DCT0409, weatherproof cowl, Duct to extend through ceiling pace to outside through soffit lining

Accessible sign to door

All timber framed walls to comply with NZS3604:2011

All timber framing to be SG8 H1.2 treated unless stated otherwise



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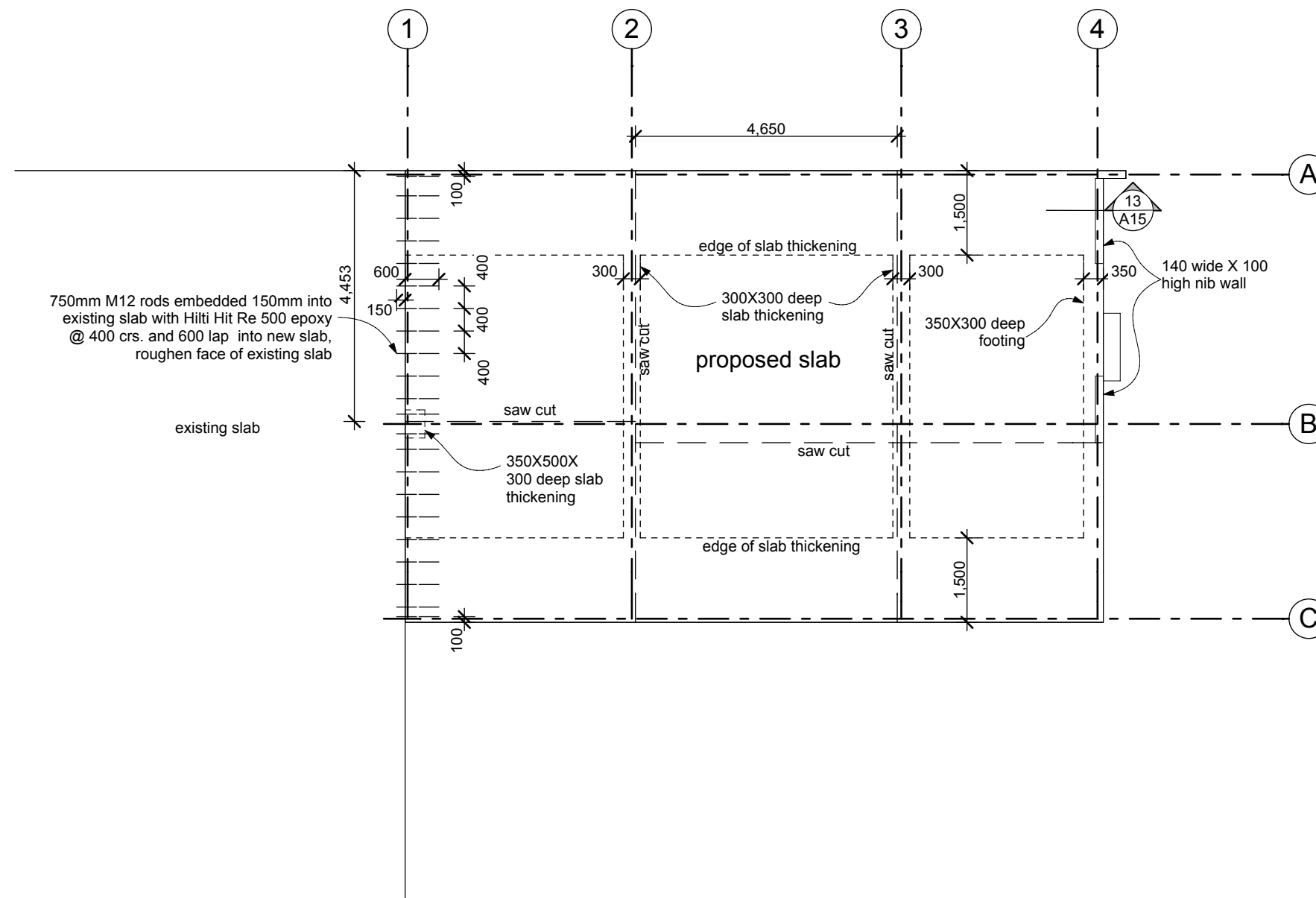
Drawing: Framing Plan
Scale at A3: 1:100
Date: June 2017
Job no: 5996

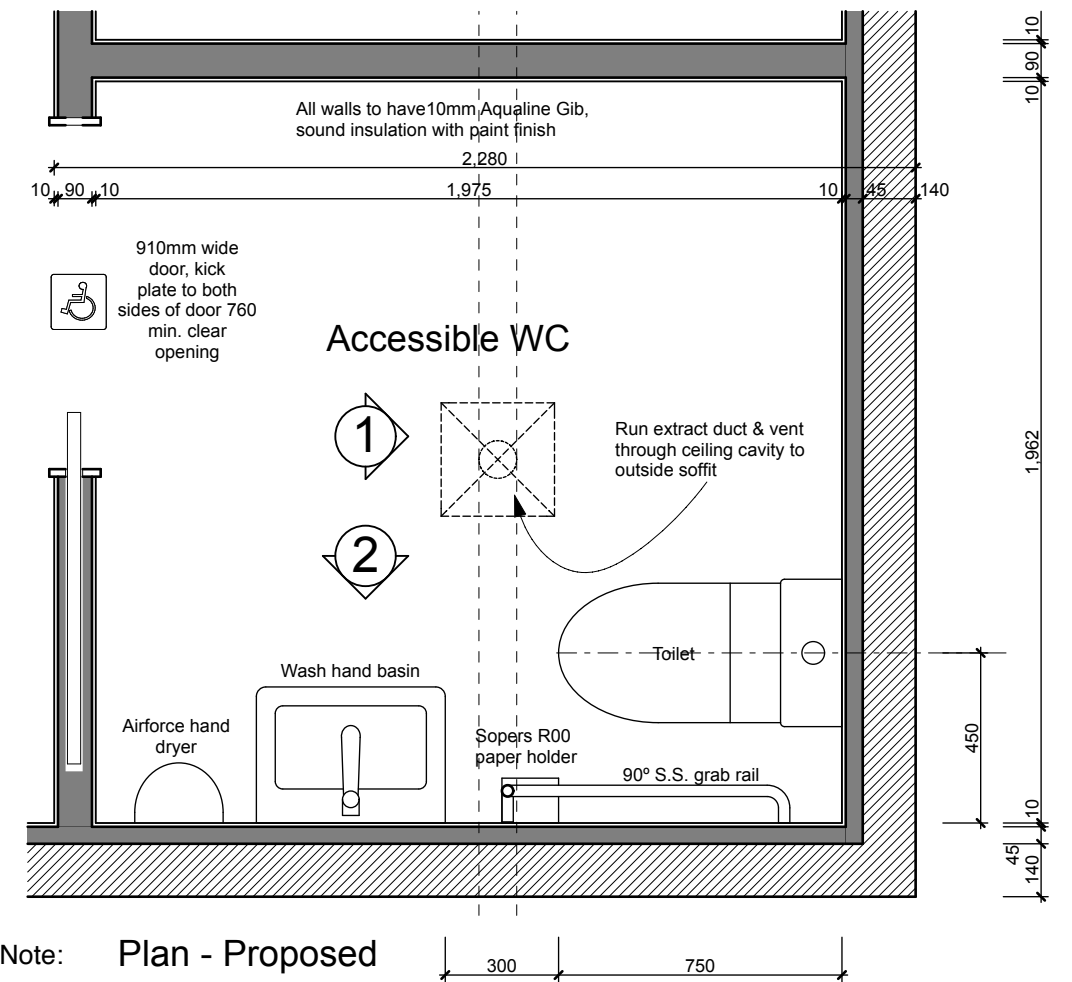
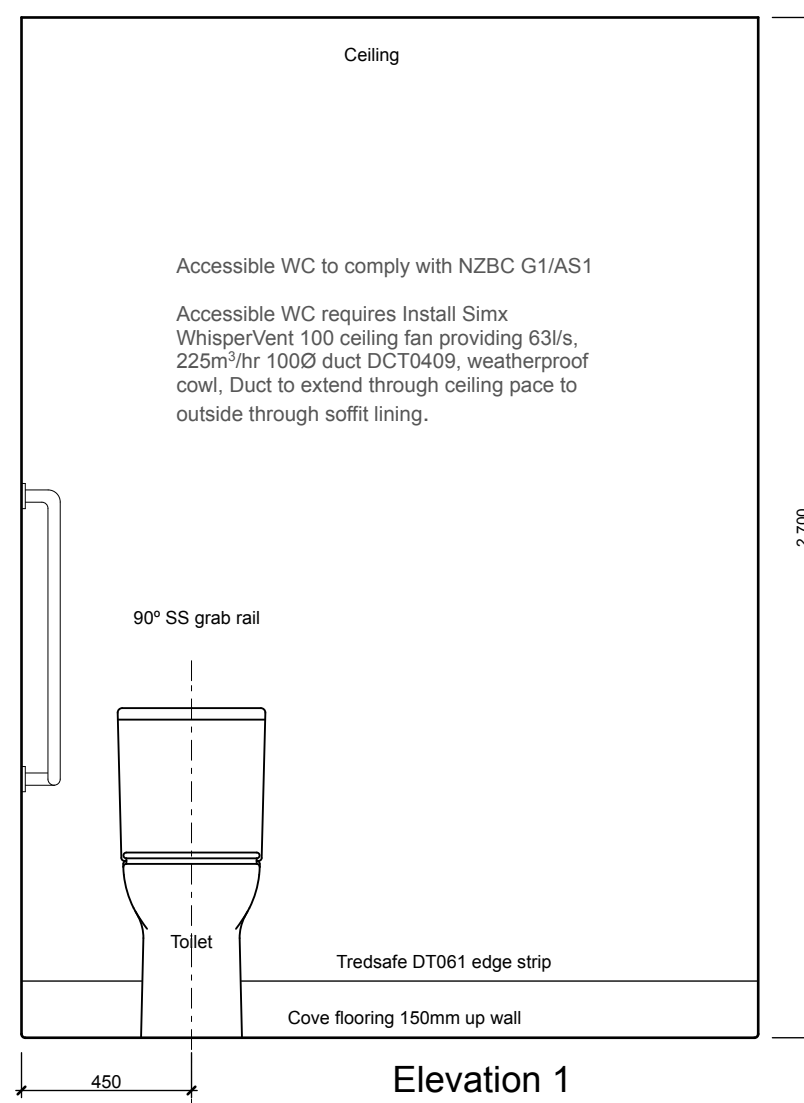
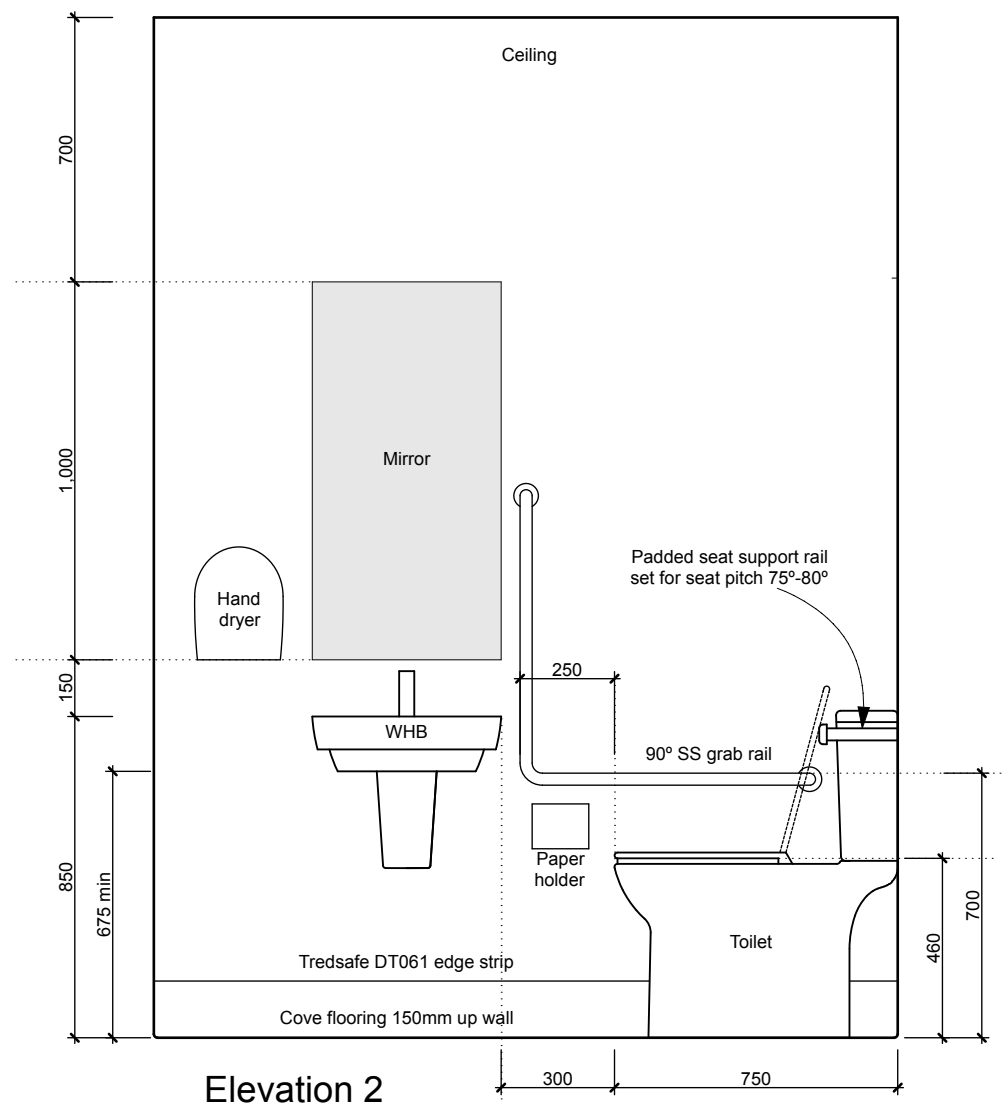
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Note: Plan - Proposed

Door handles and related hardware and accessories shall comply with the following requirements:

Handles shall be between 900 mm and 1200 mm (optimum 1000 mm) above the finished floor level

Handles operating locks and latches shall have a lever action and the end of the handle shall be returned towards the door

The door opening pressure shall be the minimum required to suit specific use and conditions

The force required to push or pull open a non-fire door shall not exceed the following:

Exterior hinged door: 38 N

Interior hinged door: 22 N

Sliding or folding doors: 22 N

Accessible signage to be provided to comply with F8/AS1

Display the symbol of access and as appropriate, include the direction travel and name of facility (see Figure 5) 1400mm to 1700mm above floor level

Use lettering and symbols in a colour which contrasts clearly with the background and

Use the proportional layout of the symbol of access, as show in figure 6

Similar sign for disabled bathroom.

Door closers to have minimum tension required to bring door to closed position

Light switches and power outlets to comply with 14.7.4.17 NZS 4121: 2001

Artificial lighting complying with NZBC G8 shall be provided along the access route.

All non - slip surfaces will comply with Table 2 D1/AS1

The colour of doors shall contrast to their surroundings



CS For Doors
Easy Open WC
latch or equivalent



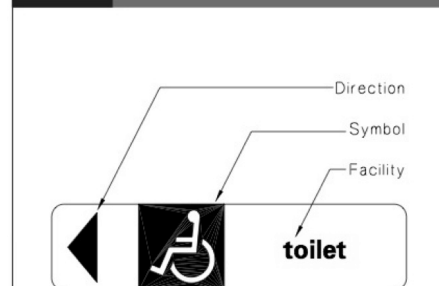
Accessible Doors
handle or equivalent

Lockwood 8002 Swing Door Operators

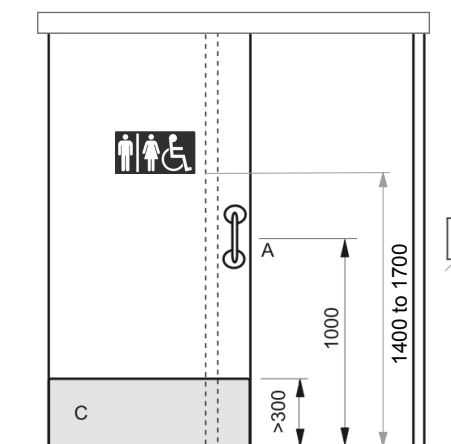


Accessible Doors
closer or equivalent

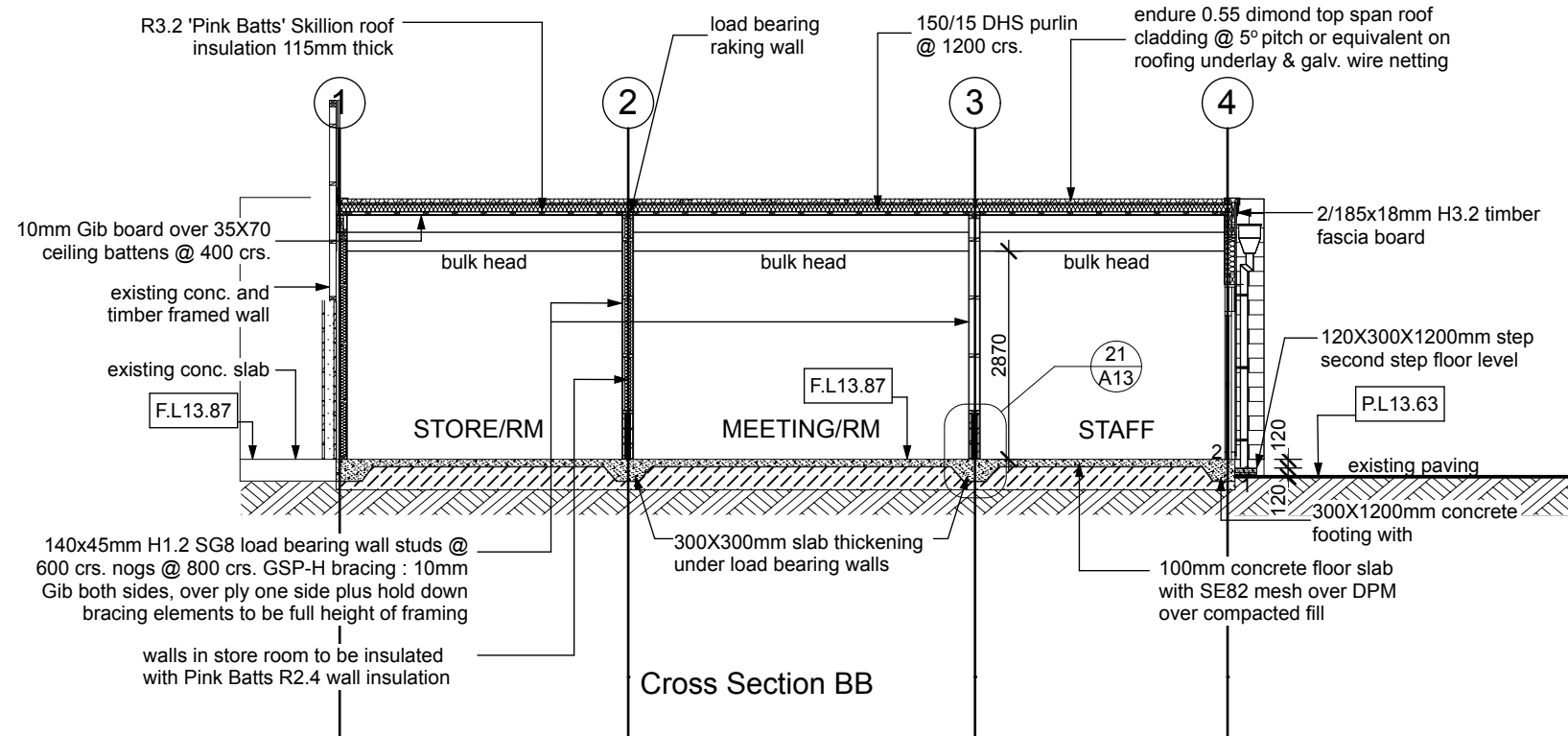
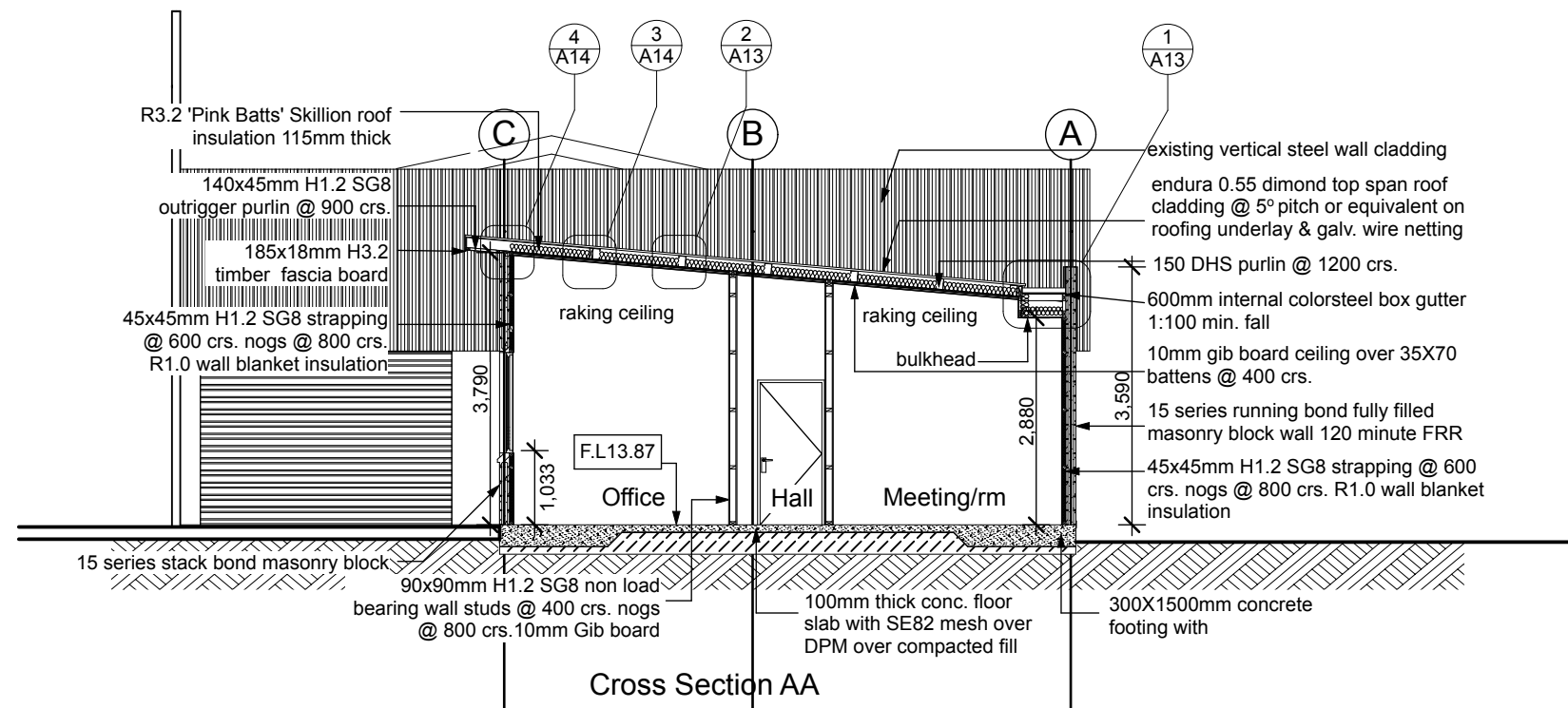
Figure 5: Example of Sign Indicating Facilities and its Direction Paragraph 5.0.2 a)



Accessible Signage



Light switch horizontally aligned to door handle 1000mm above floor level
Power outlets to be located 500mm to 1200mm above floor level



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Scale at A3: 1:100

Date: June 2017

Job no: 5996

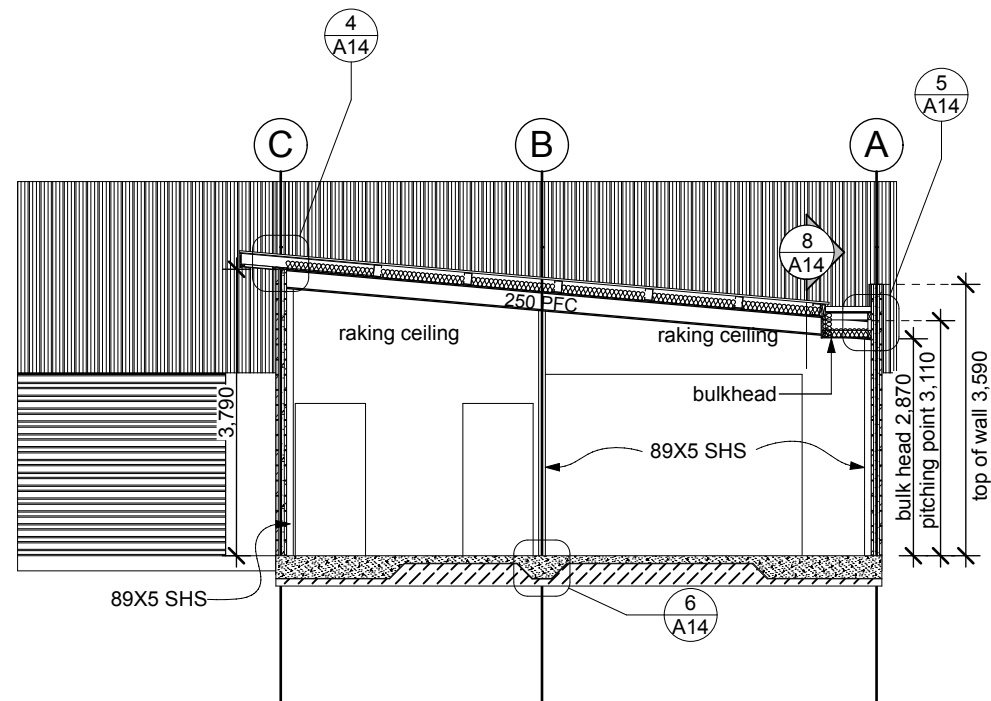
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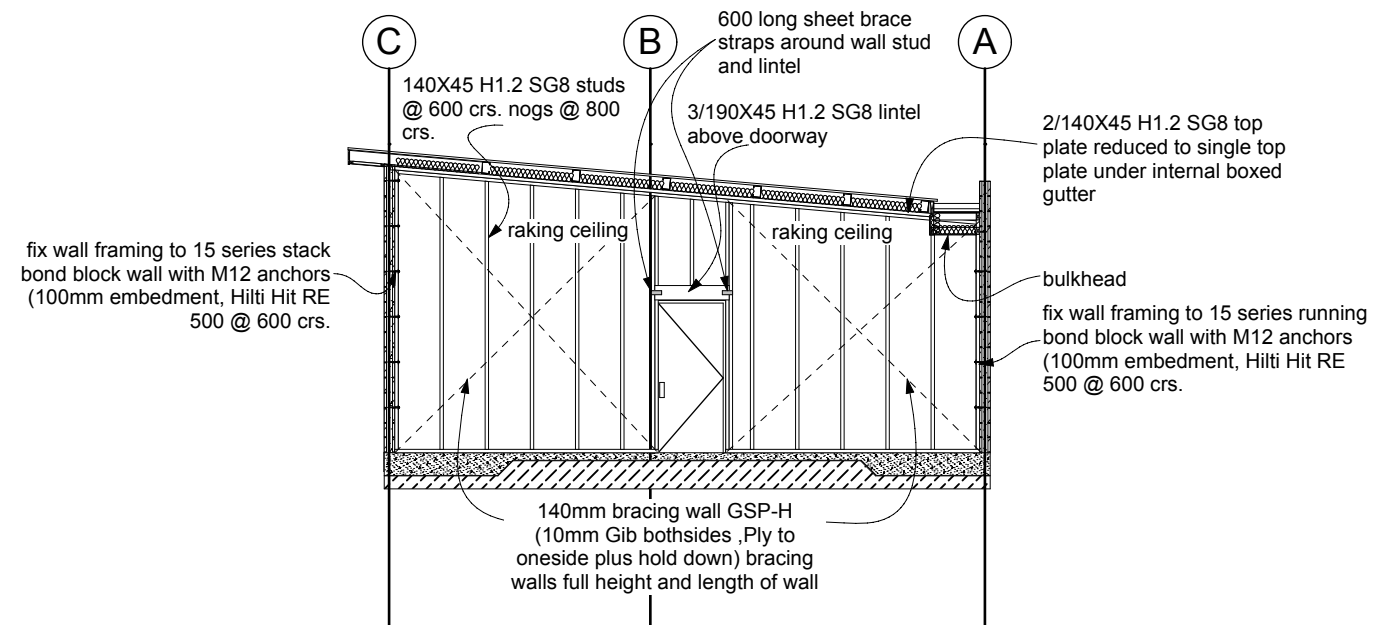
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Sheet no.

A11

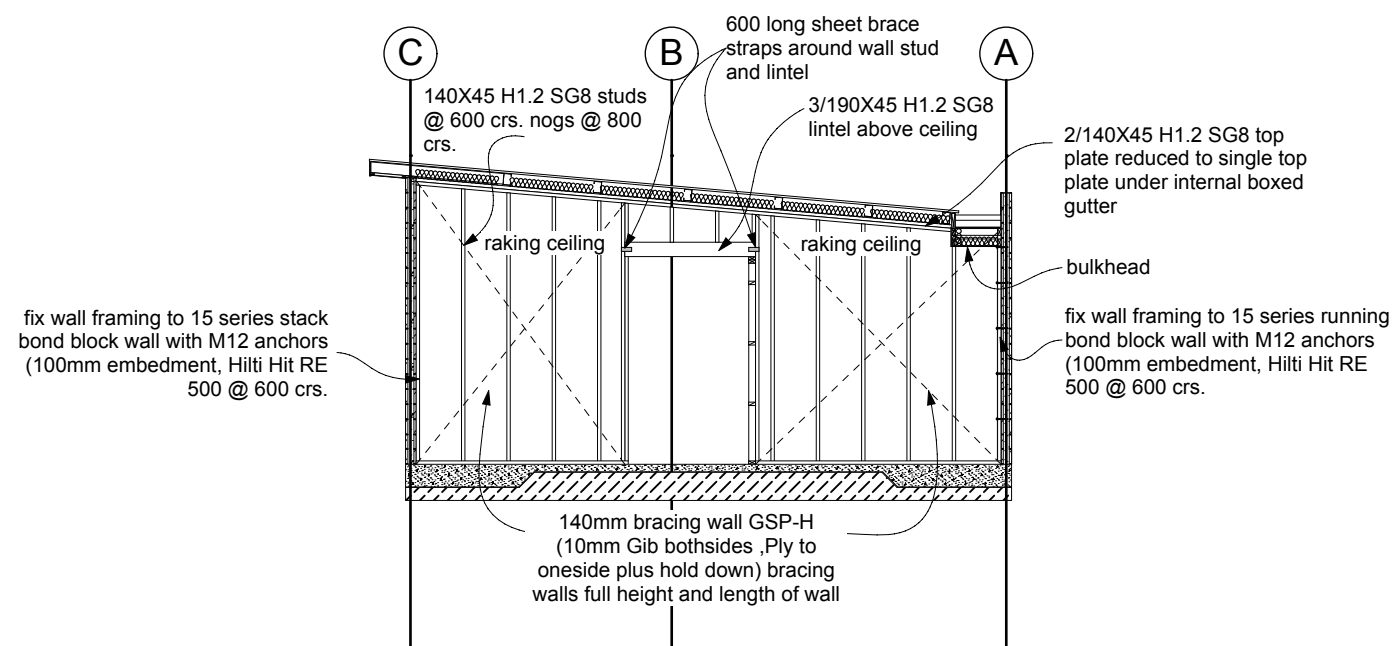
of sheets



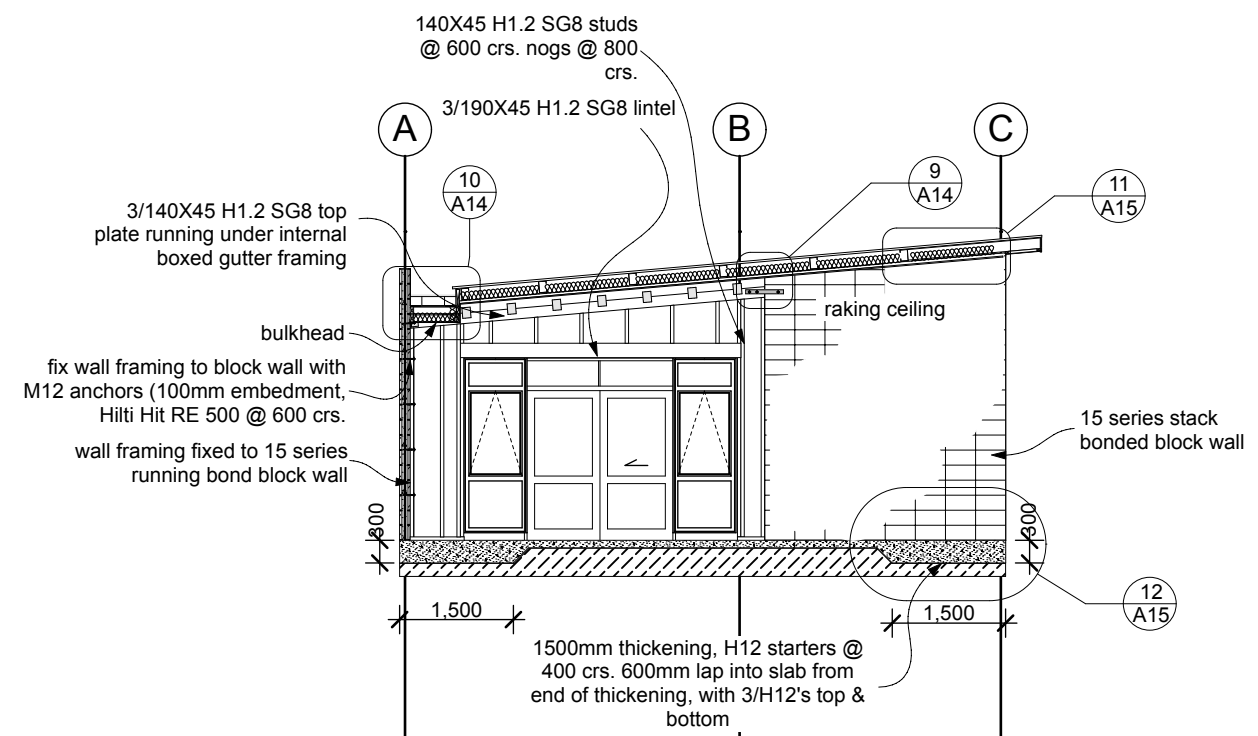
Gridline 1 Cross Section



Gridline 2 Cross Section



Gridline 3 Cross Section

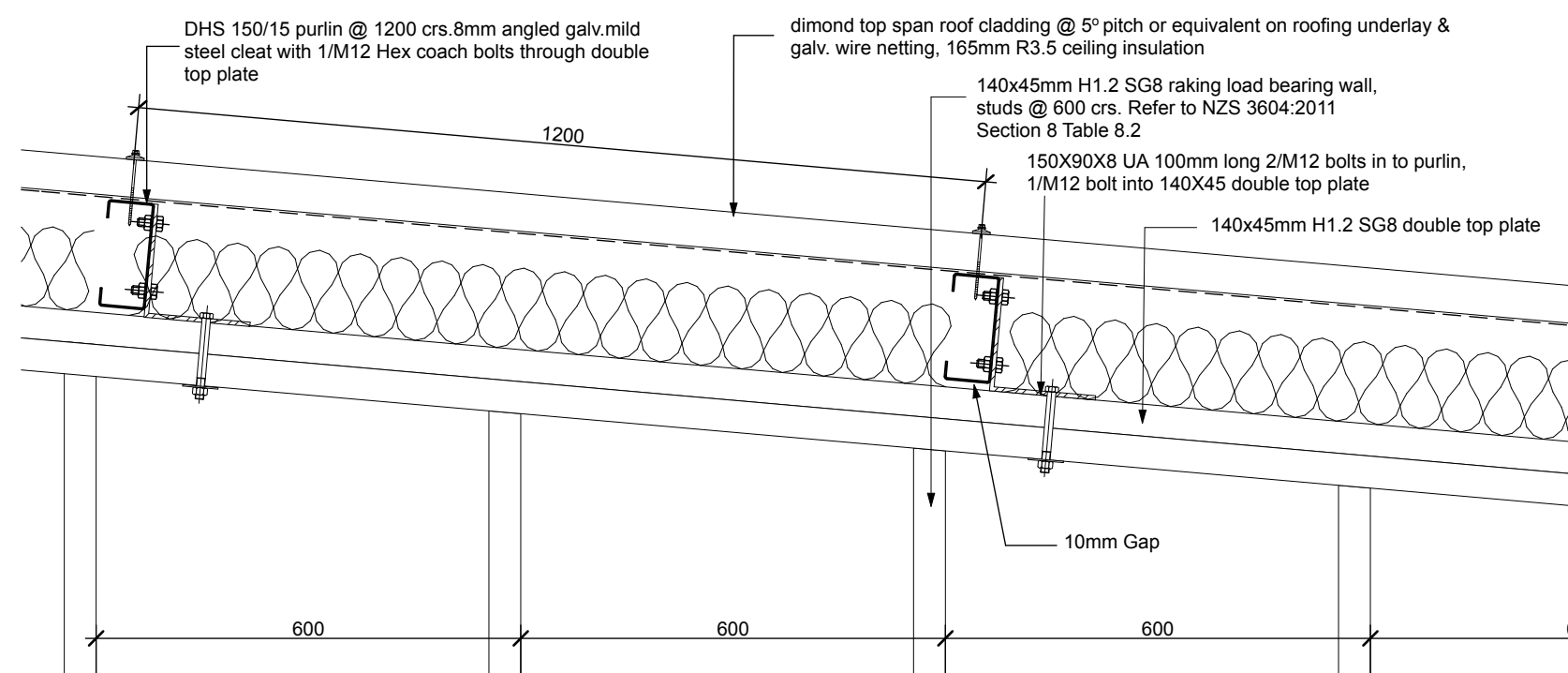
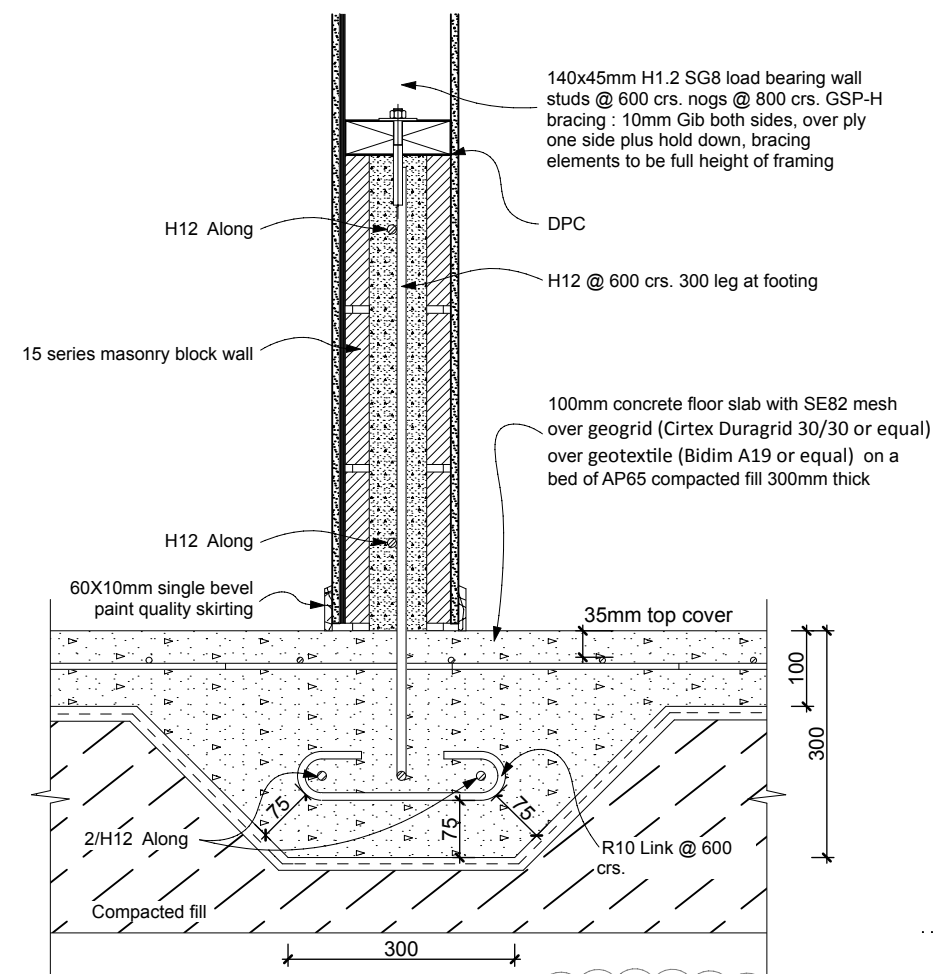
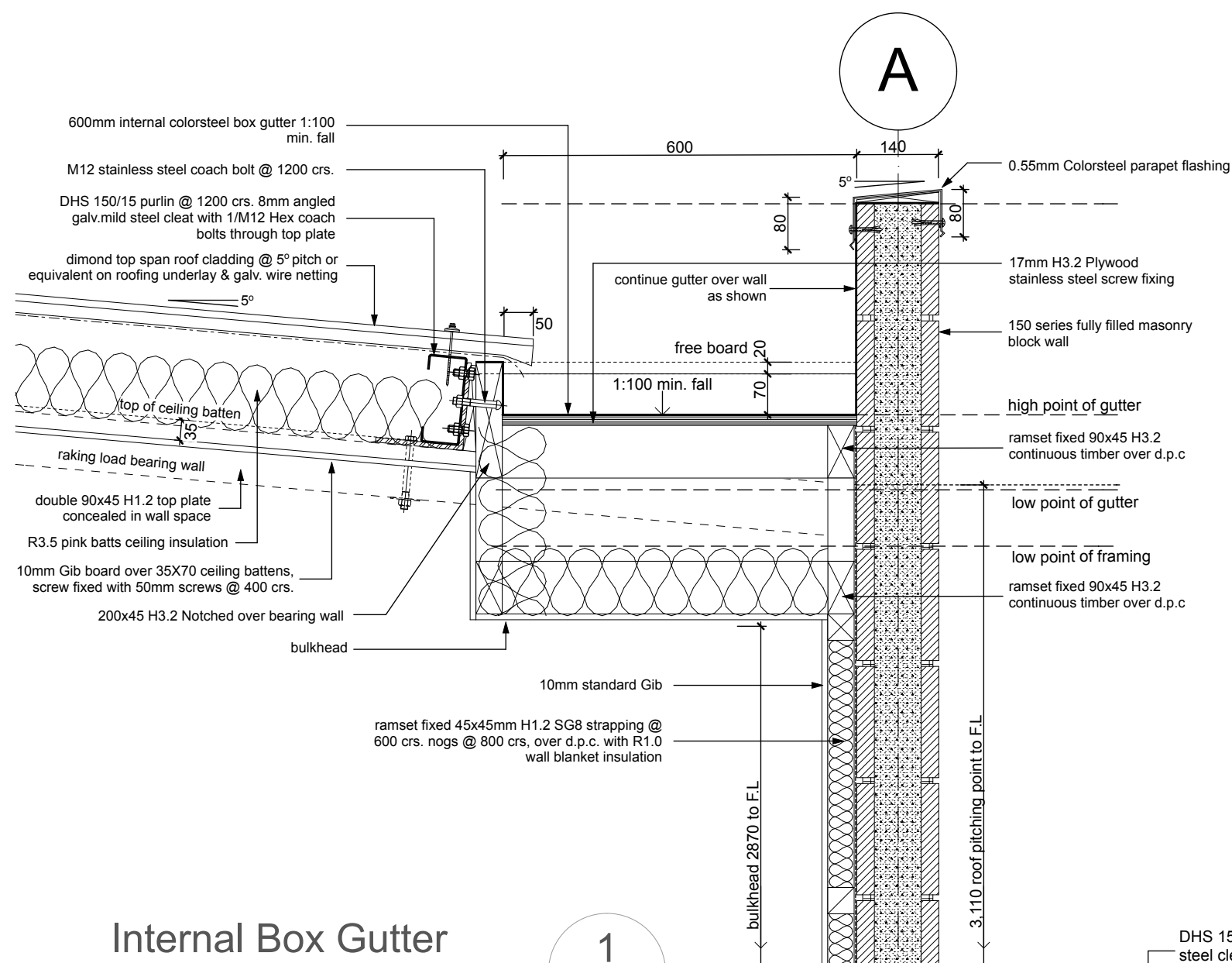


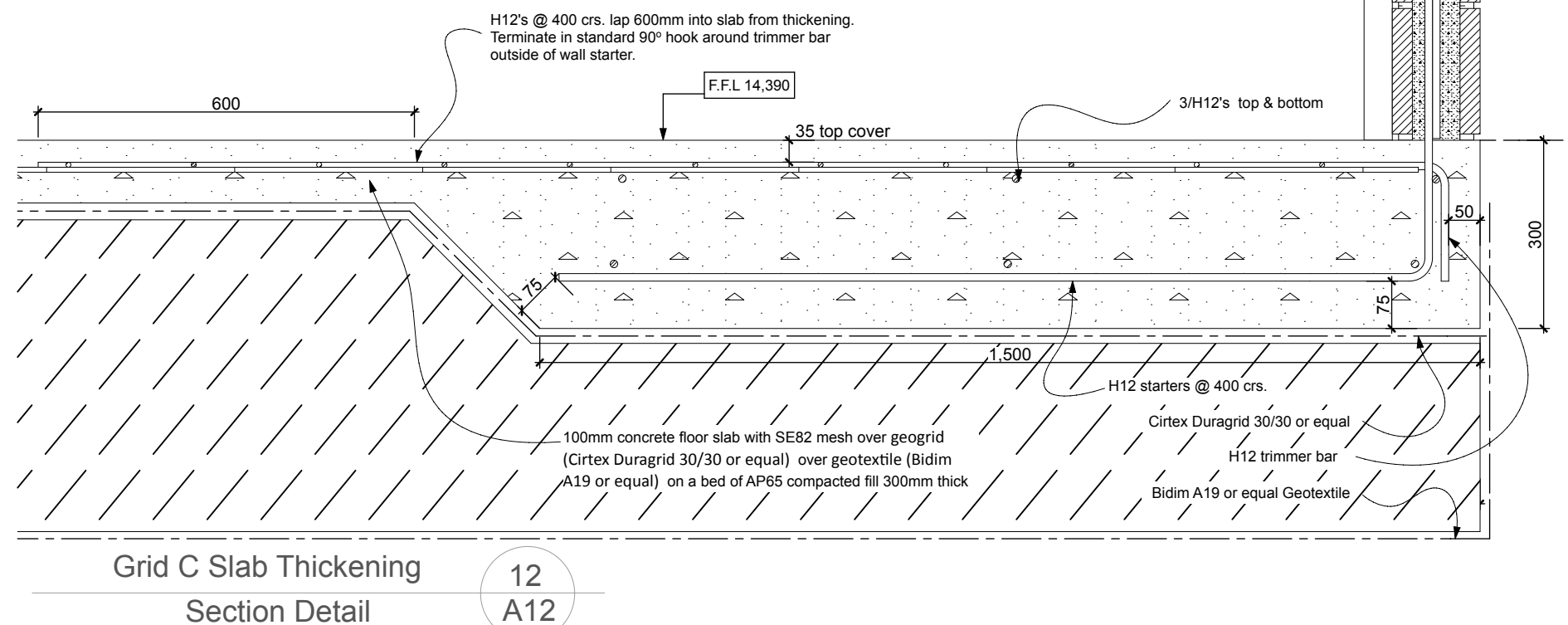
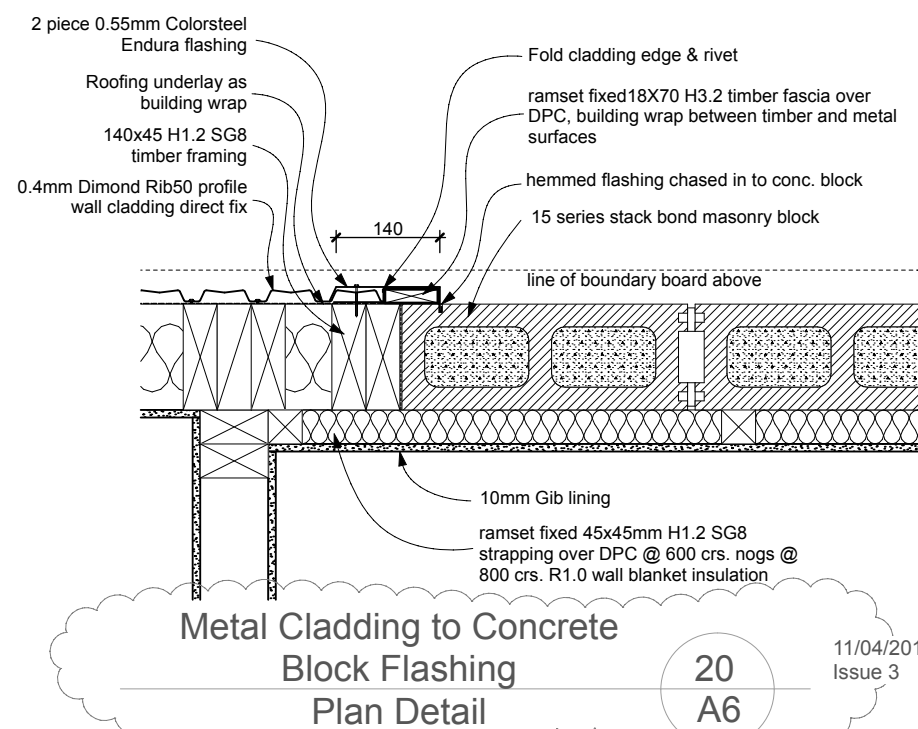
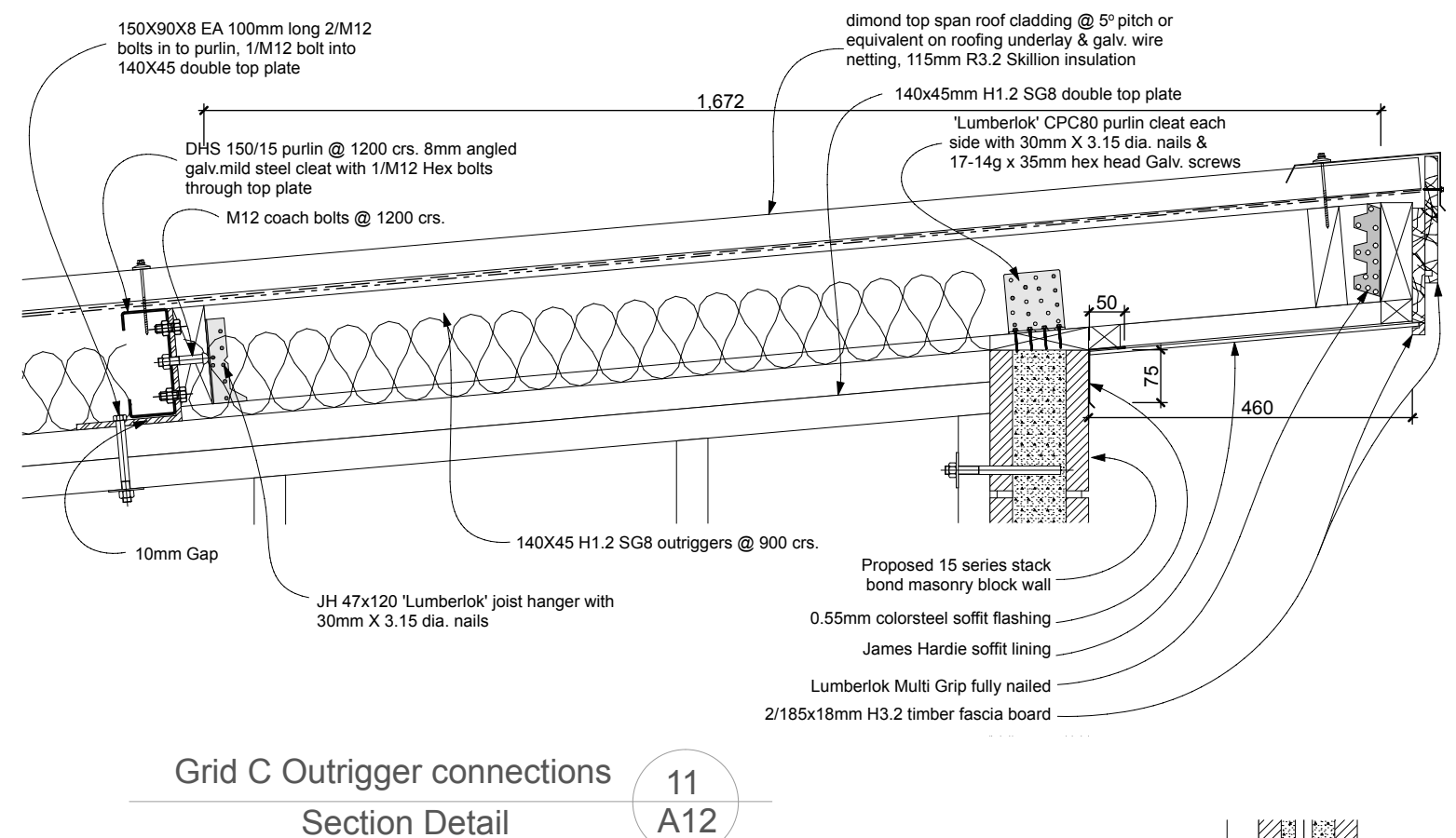
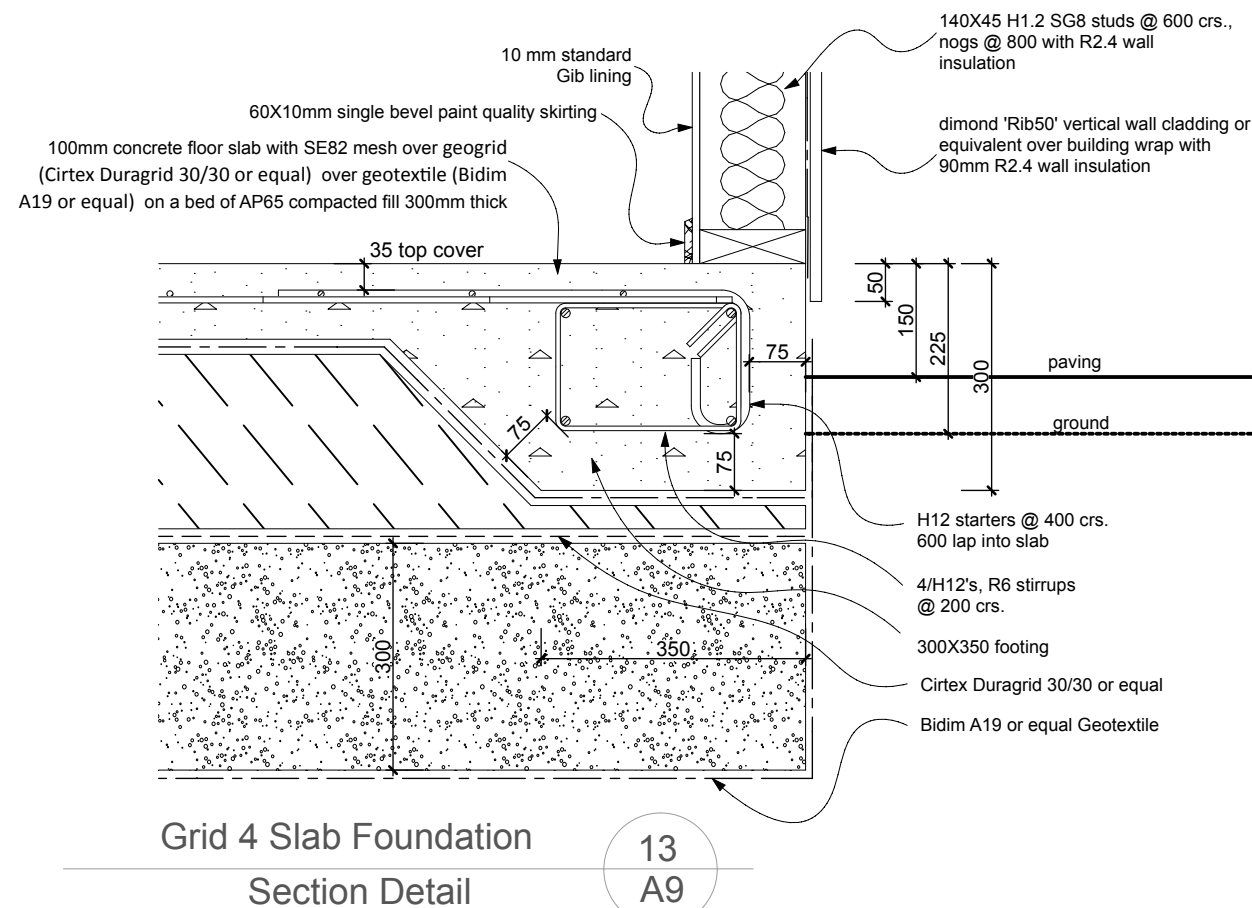
Gridline 4 Cross Section

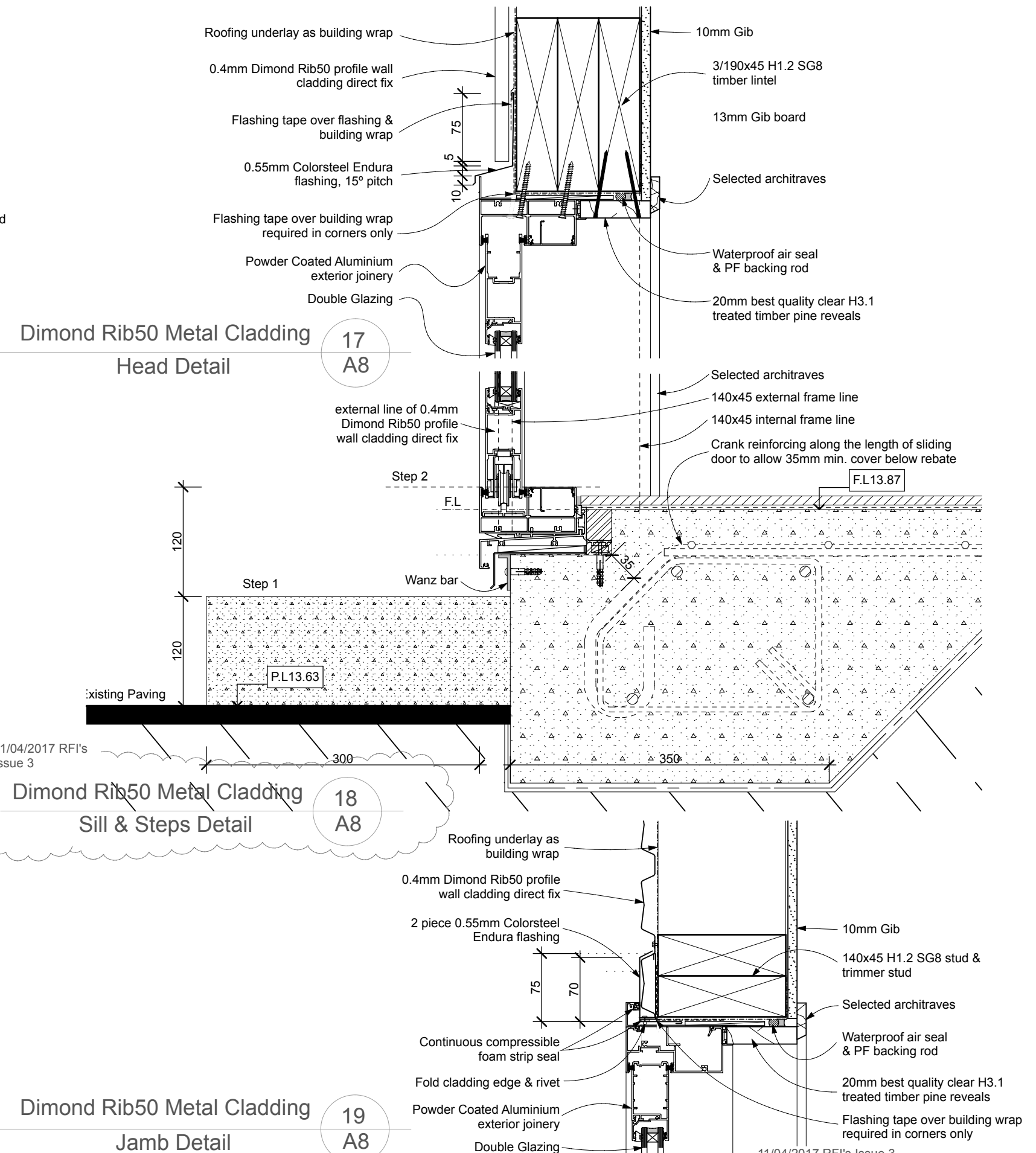
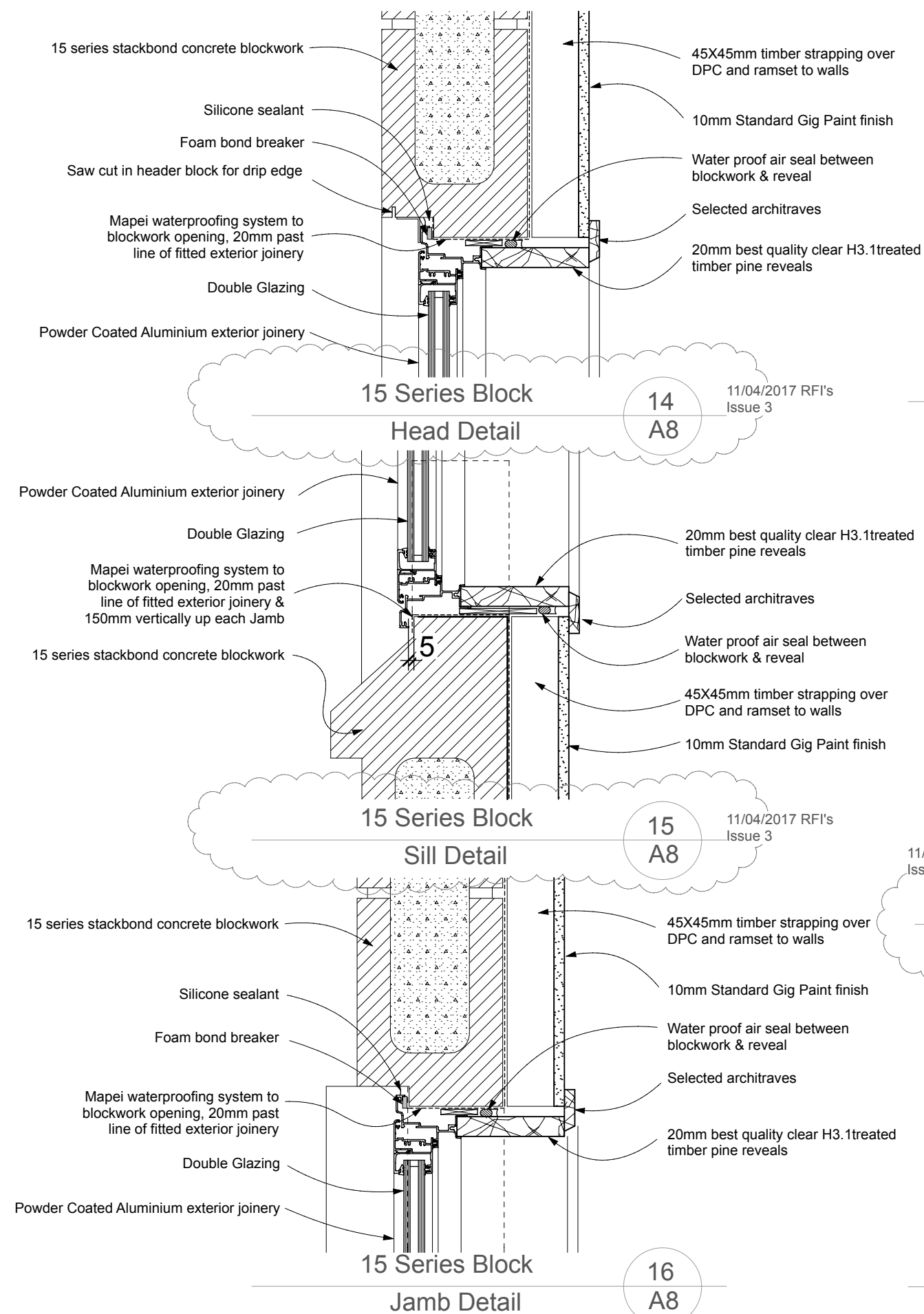
NOTE:
15 series block walls on grids A & C

- H12's @ 400 crs. verticals
- D16's @ 200 crs. horizontal in 3 courses by roof connection.
- H12's @ 400 crs. horizontal rest of wall.

wall framing to NZS 3604:2011







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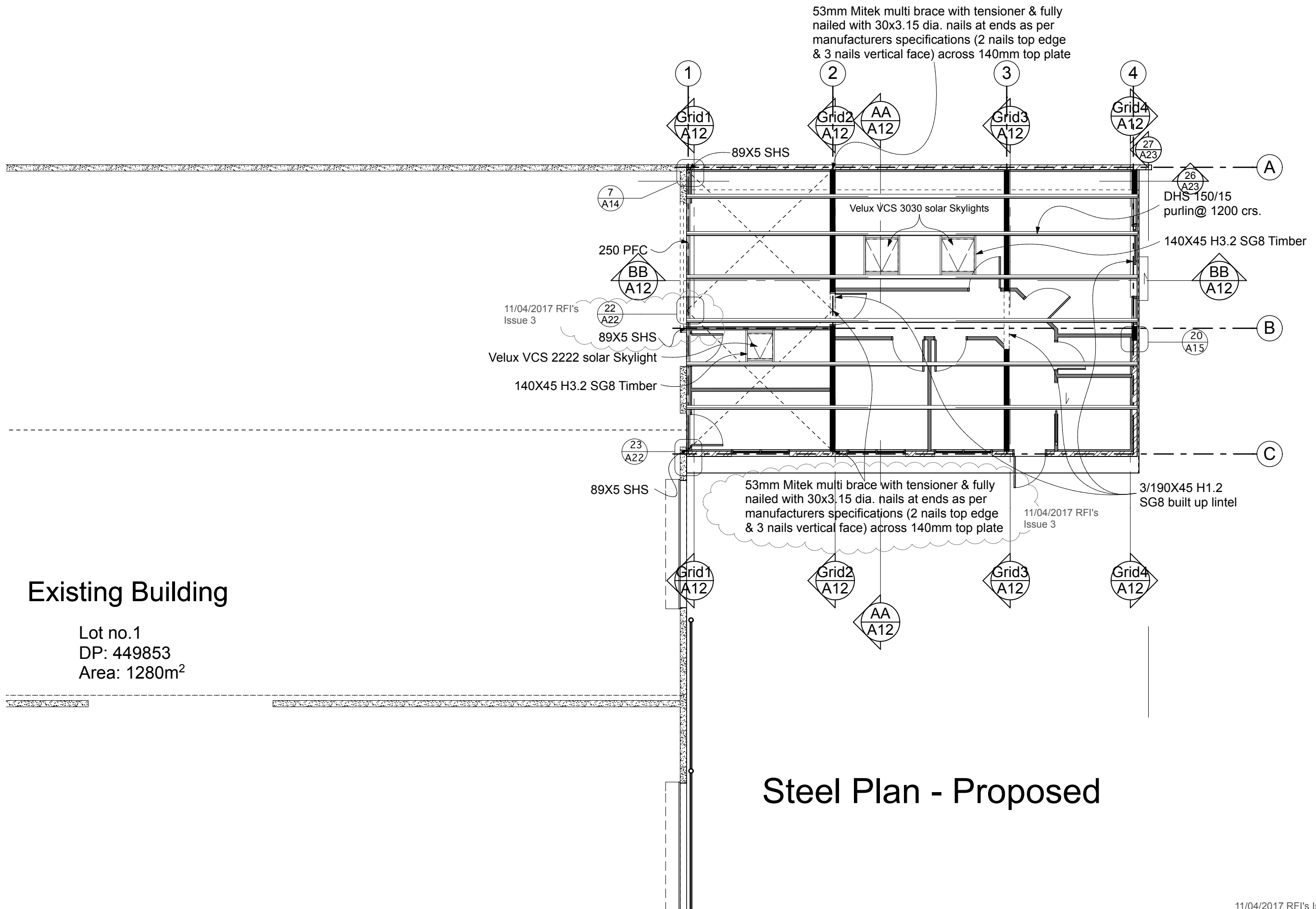
Drawing: Joinery Details
 Scale at A3: 1:5
 Date: June 2017
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Drawing: Steel Work Setout Plan

Scale at A3: 1:100

Date: June 2017

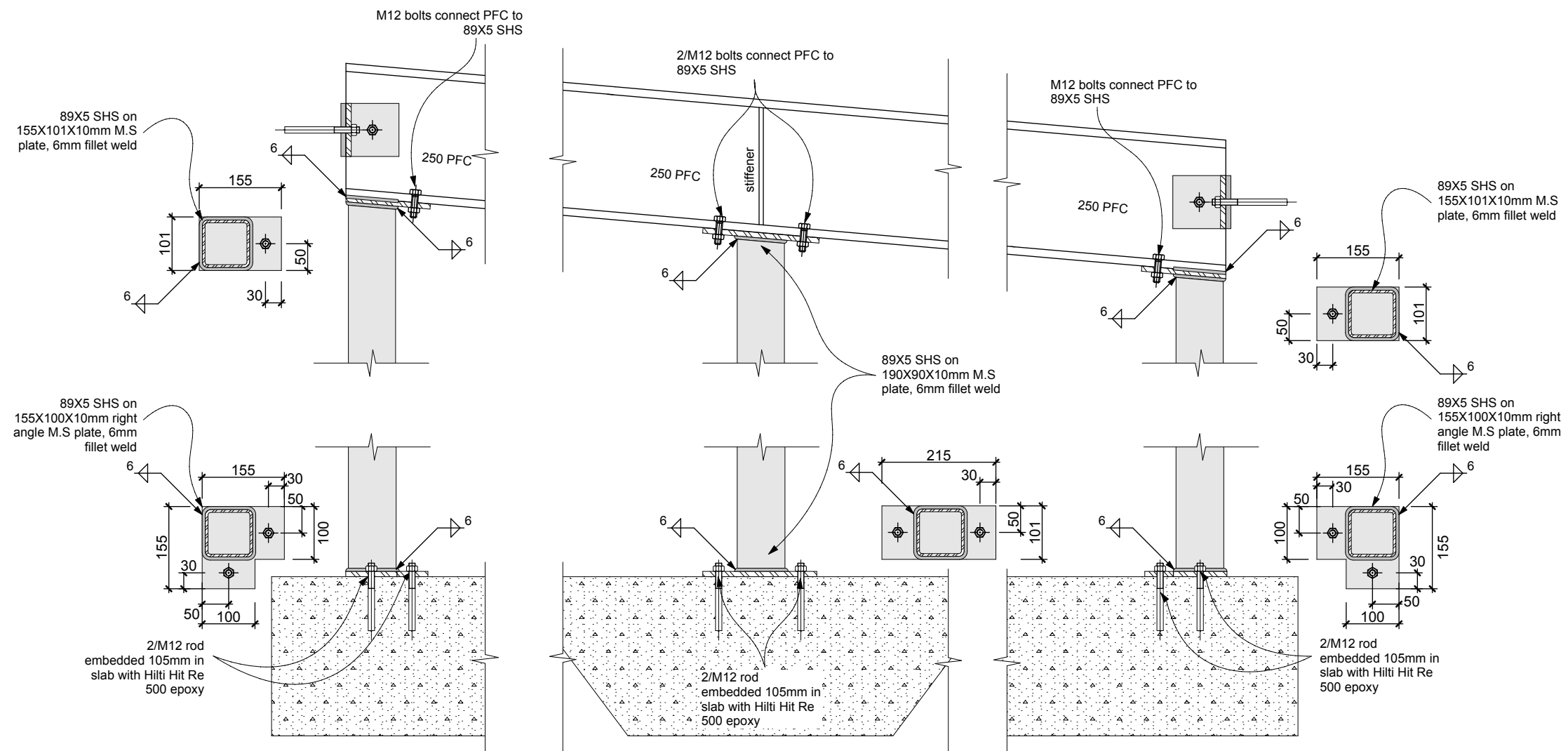
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Gridline 1 Steel Details



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Drawing: Grid 1 Steel Details
Scale at A3: 1:10
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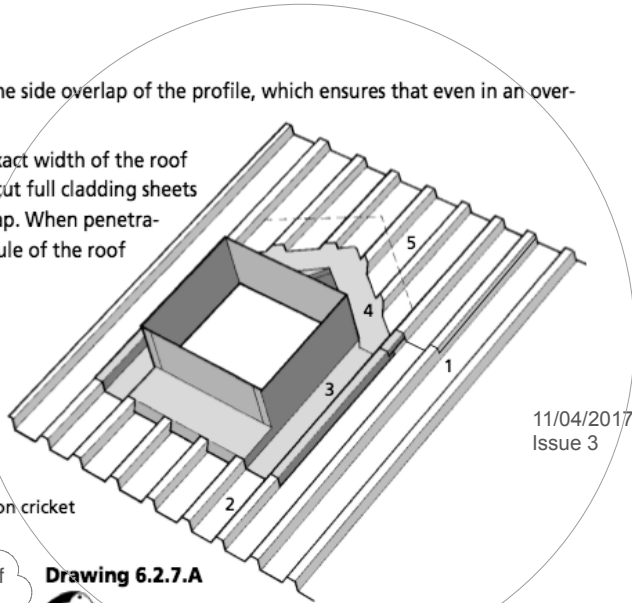
of sheets

All soaker flashings have an overlap to mate with the side overlap of the profile, which ensures that even in an over-flow situation, water ingress is avoided.

It is highly unlikely that a penetration will be the exact width of the roof sheet so the preferred method of weathering is to cut full cladding sheets above the penetration and flash at the transverse lap. When penetrations line up with the ribs of the sheeting, the module of the roof cladding determines the width of the penetration.

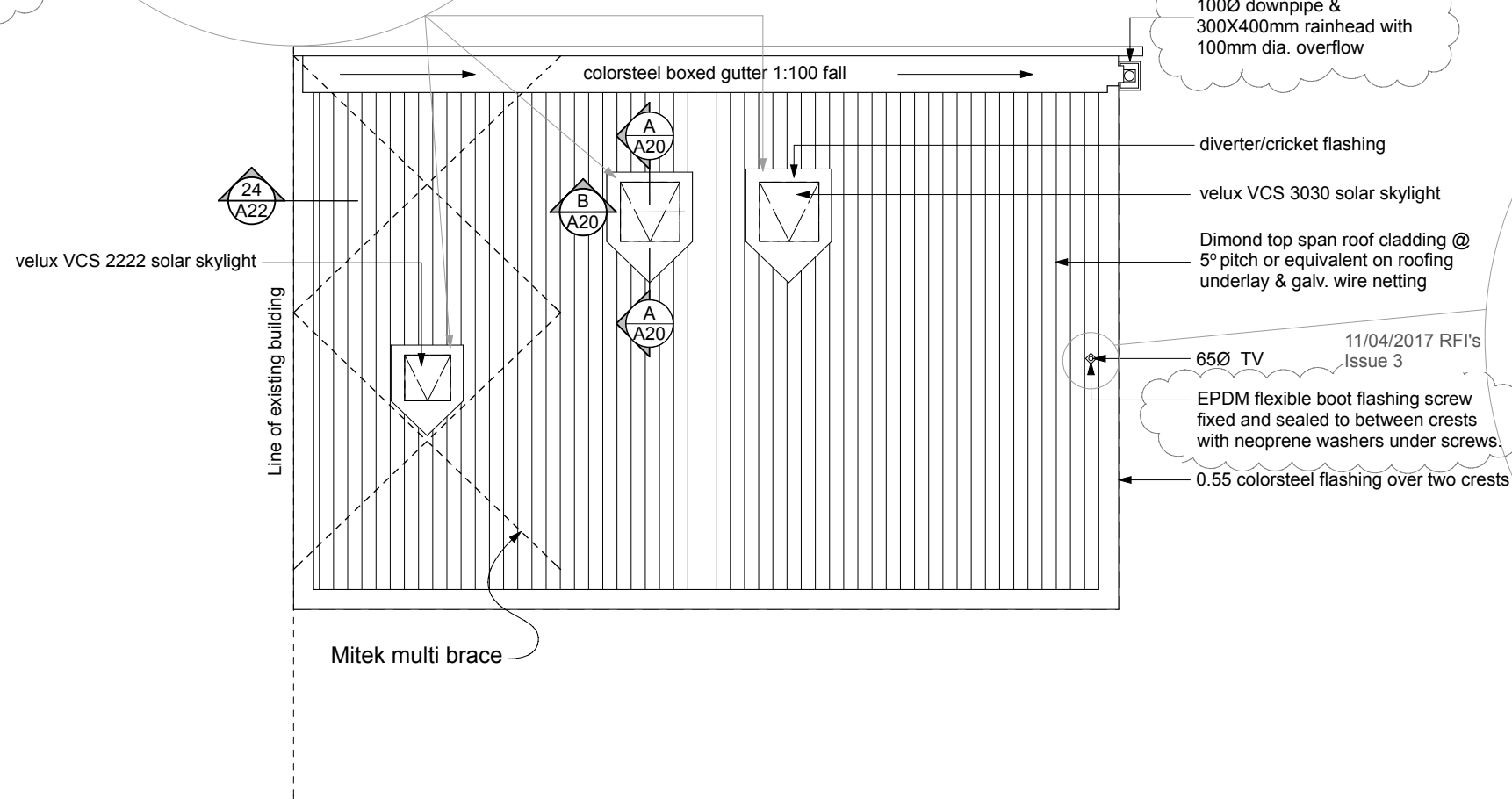
Sheet 1 is full length
Sheet 2 is cut to the bottom of the penetration dimension
Flashing 3 is the side curb
Flashing 4 is the back curb
Sheet 5 is cut to the top of the penetration cricket
+ 75mm

Section 6 drawing 6.2.7.A of NZ Metal Roof and Wall Cladding Code of Practice.
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Issue 3



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Issue 3

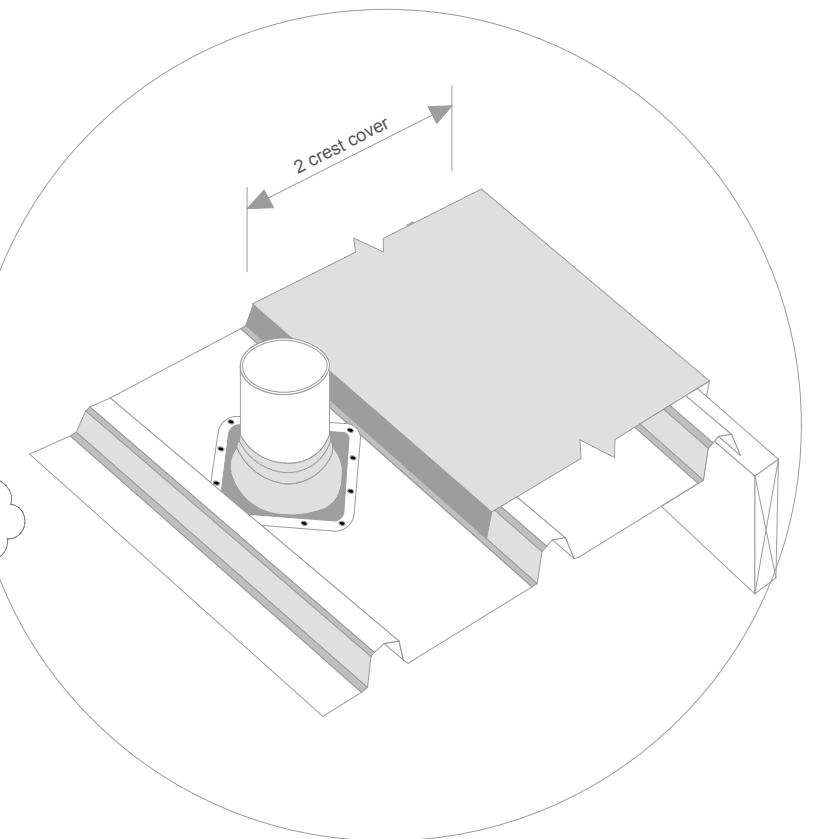
Drawing 6.2.7.A



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Issue 3

100Ø downpipe & 300X400mm rainhead with 100mm dia. overflow

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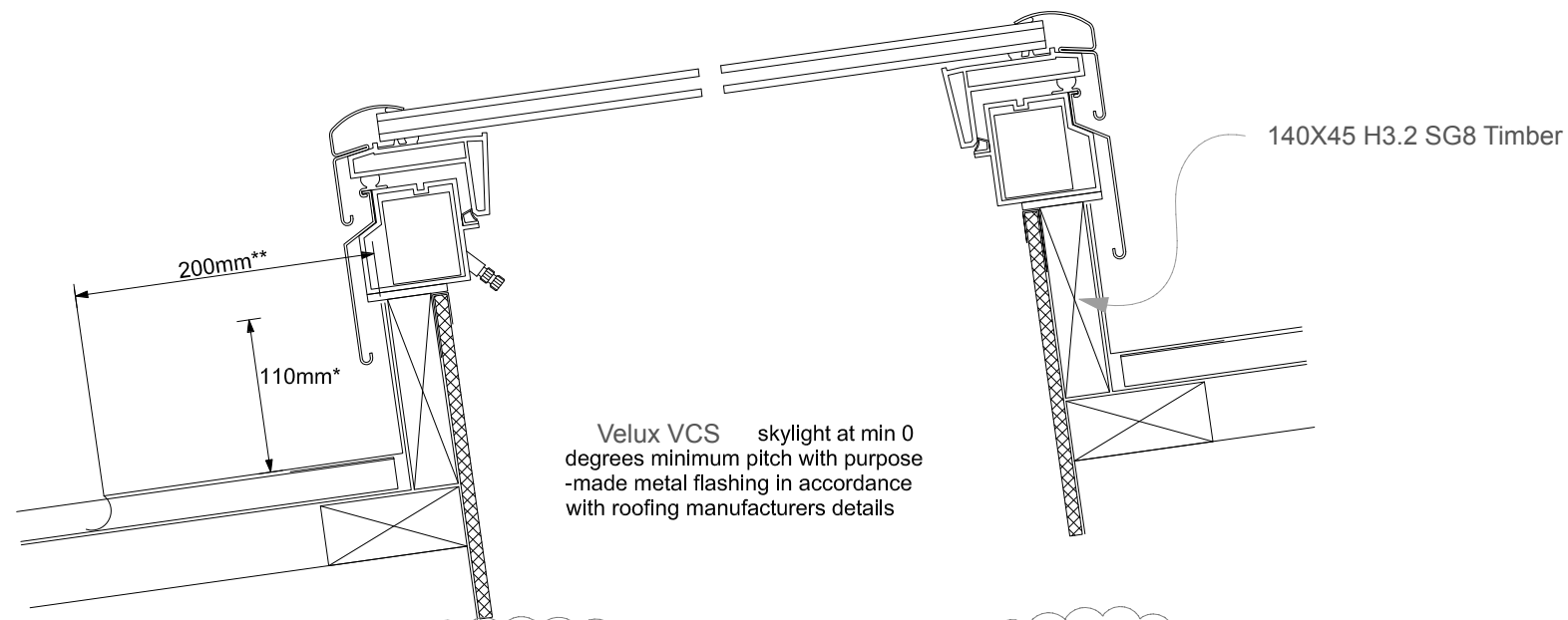
Drawing: Roof Plan
Scale at A3: 1:100
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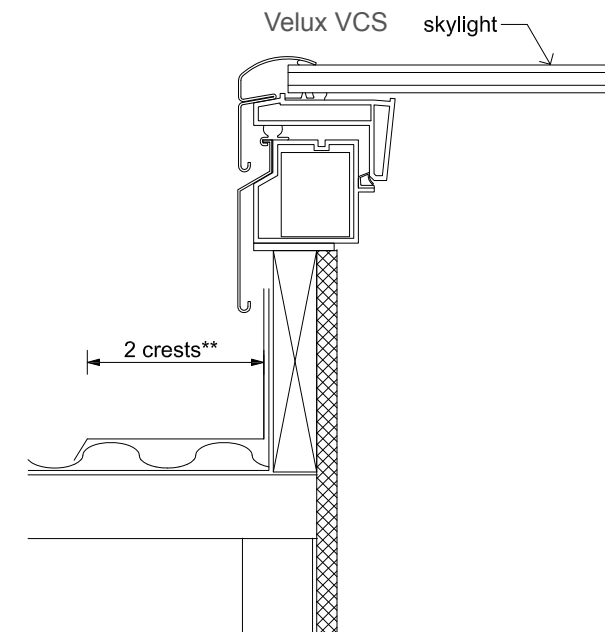
of sheets



11/04/2017 RFI's
Issue 3

Velux VCS Solar Skylight Cross Sectional Detail

A
A19



Velux VCS Solar Skylight Cross Sectional Detail

B
A19

PRODUCT DIMENSIONS					
METRIC UNITS (MILLIMETERS)					
SIZE	OUTSIDE CURB WIDTH	SKYLIGHT WIDTH	OUTSIDE CURB HEIGHT	SKYLIGHT HEIGHT	DAYLIGHT AREA (SQ. M)
2222	648	688	648	688	0.24
2246	648	888	1257	1297.5	0.55
3030	851	891.1	851	891.1	0.49
4046	1257	1297.5	1257	1297.5	1.22



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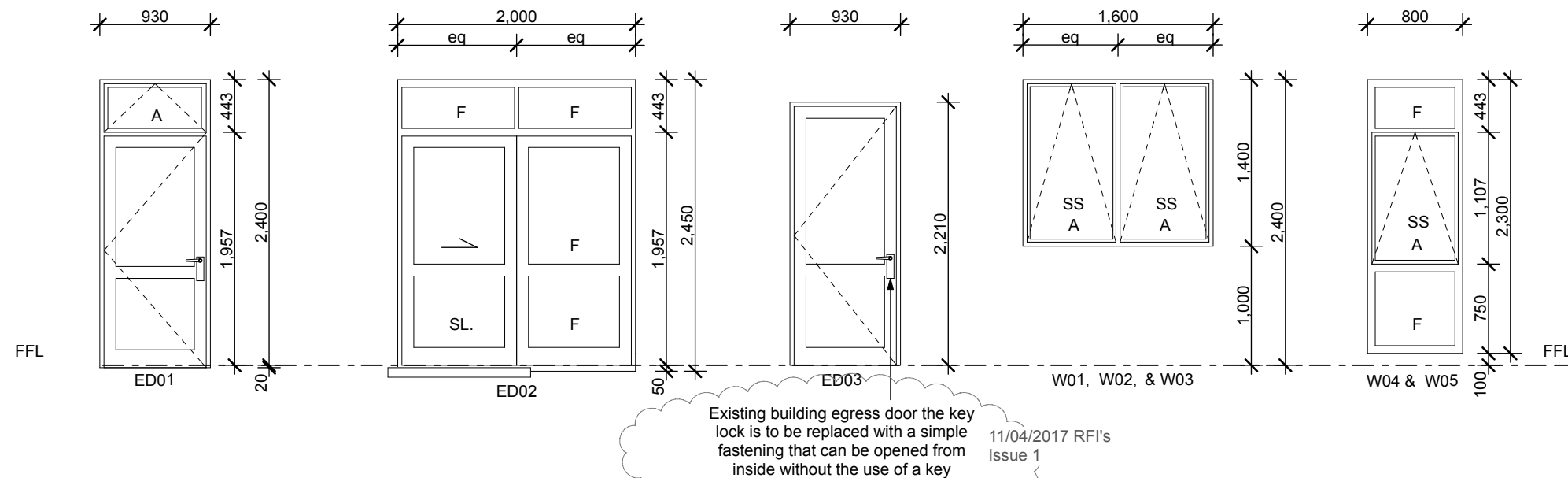
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Exterior Joinery Schedule

Notes

APL powder coated aluminium exterior joinery, double glazed unless stated otherwise

Overall sizes shown to trimmed opening, check on site opening sizes before making up exterior joinery units

Fit 2 restrictor stays to awning opening window sashes where the sill is less than a metre above floor

Fit double tongue fasteners to all awning opening sashes

All glazing to be grey tinted (unless stated otherwise) to comply with NZS4223 parts 1-3

Selected obscure single glazing to Ablutions to comply with NZS4223 parts 1-3

Key:

F. Fixed glazed panel

A. Awning opening window

SL. Sliding Door

SS Safety Stays

SG Safety Glass

Interior / Exterior Joinery List

Item No.	Type	Hinged	Open	Leaf Size	Location	Material	Dimension
D01	Cavity Slider	Roller		860x1980	Interior	Wooden Jambs / Hollow Core	
D02	Single Swing	Right Hand	In	760x1980	Interior	Wooden Jambs / Hollow Core	
D03,D04,D05,D09	Single Swing	Right Hand	In	860x1980	Interior	Wooden Jambs / Hollow Core	
D06,D08	Single Swing	Left Hand	In	860x1980	Interior	Wooden Jambs / Hollow Core	
D07	Single Swing	Right Hand	Out	860x1980	Interior	Wooden Jambs / Hollow Core	
ED01	Single Swing with Awning above Head	Left Hand	Out	860x1980	Exterior	Aluminium / Glass	
ED02	Ranch Slider	Roller			Exterior	Aluminium / Glass Dbl Glazed	2000x2450
ED03	Single Swing	Left Hand	Out	860x1980	Exterior	Aluminium / Glass	
W01, W02, W03	Dbl Awning	Top	Out		Exterior	Aluminium / Glass Dbl Glazed	1600x1400
W04 & W05	Awning	Top	Out		Exterior	Aluminium / Glass Dbl Glazed	800x2300

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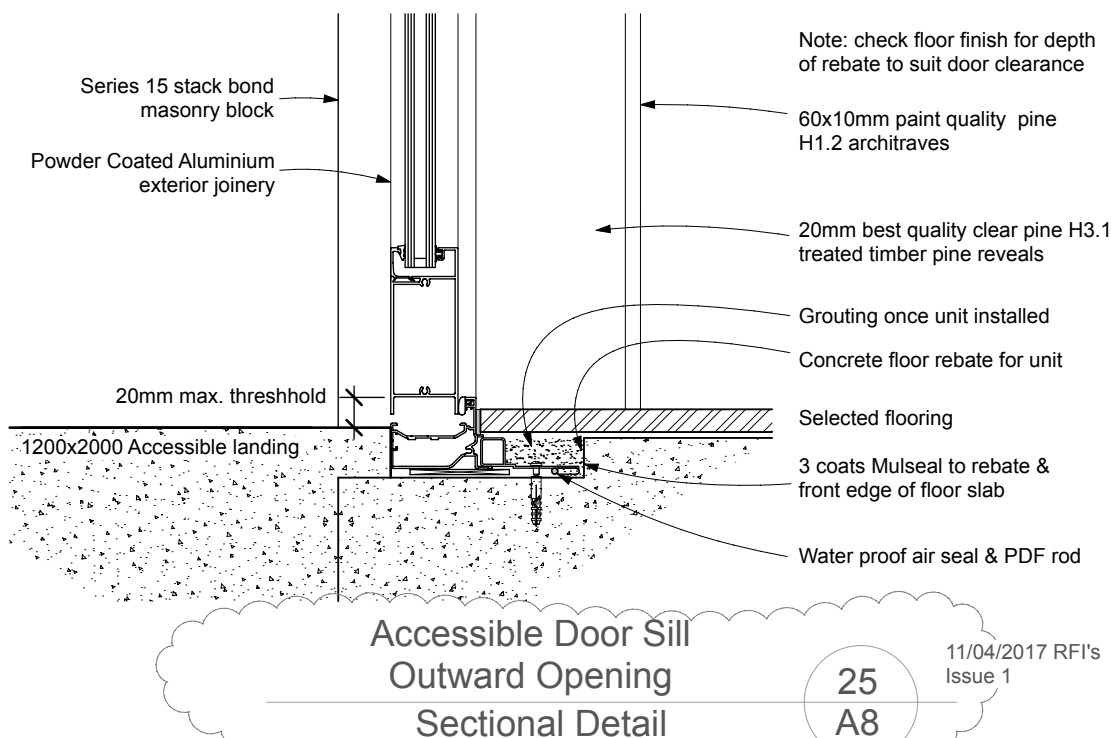
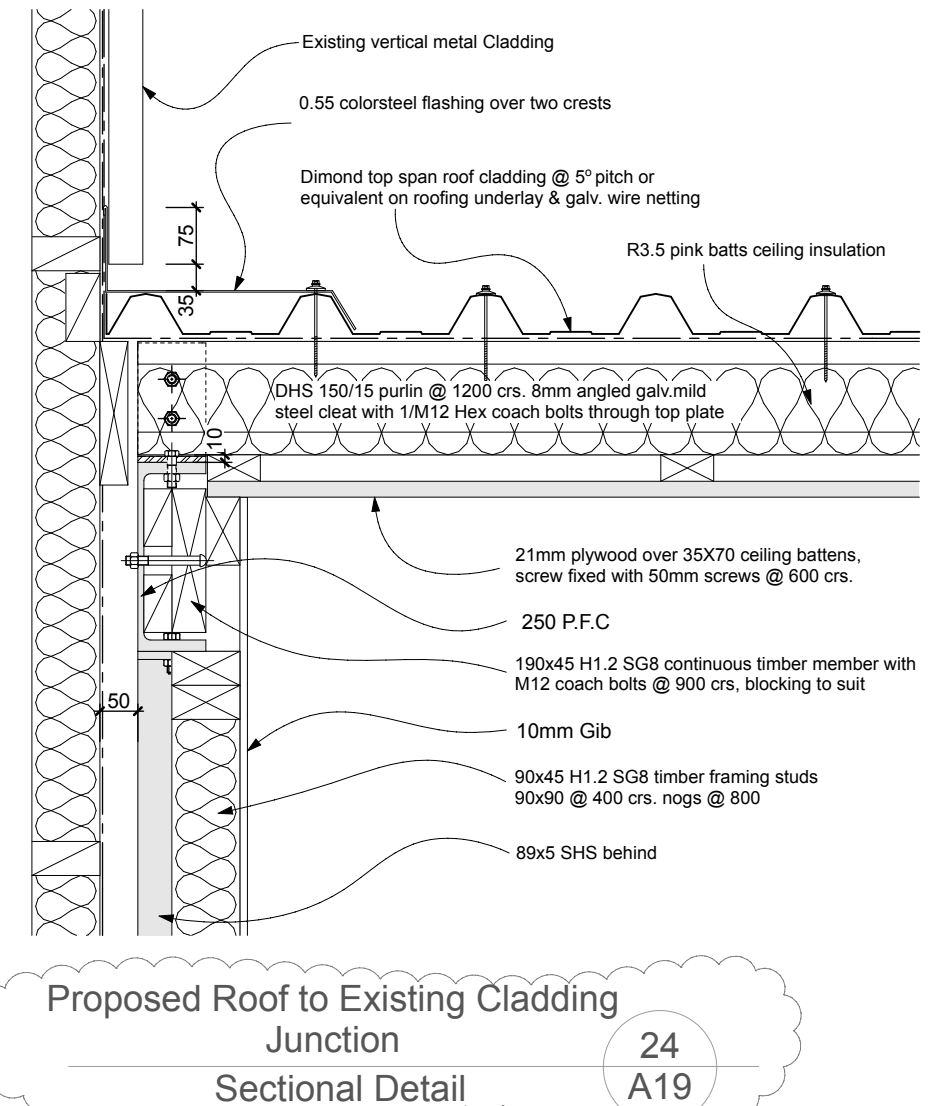
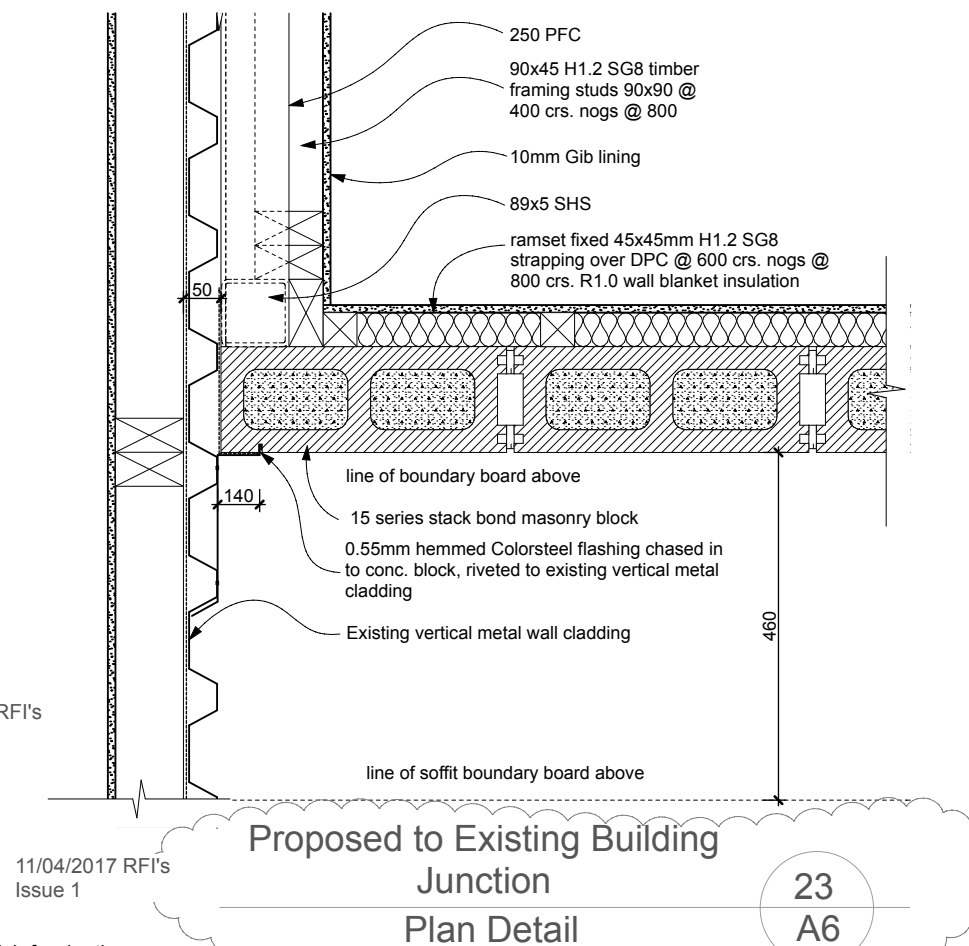
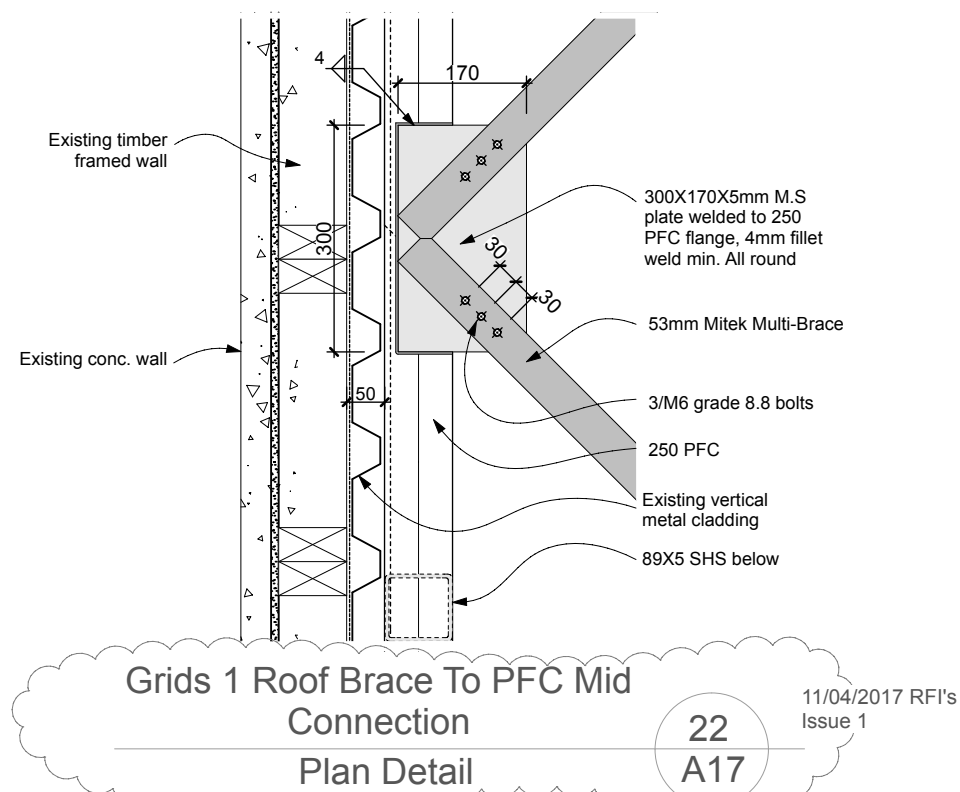
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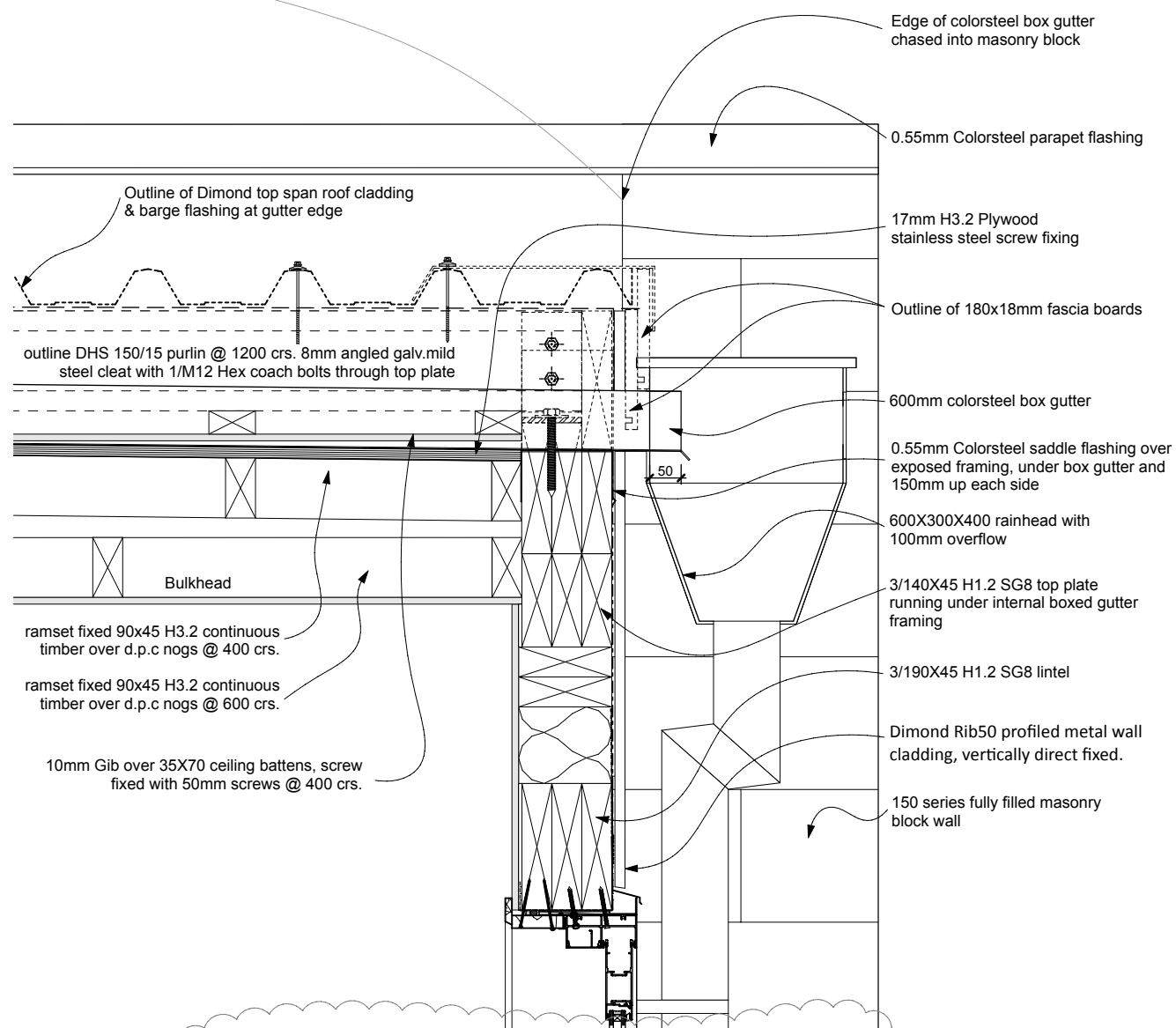
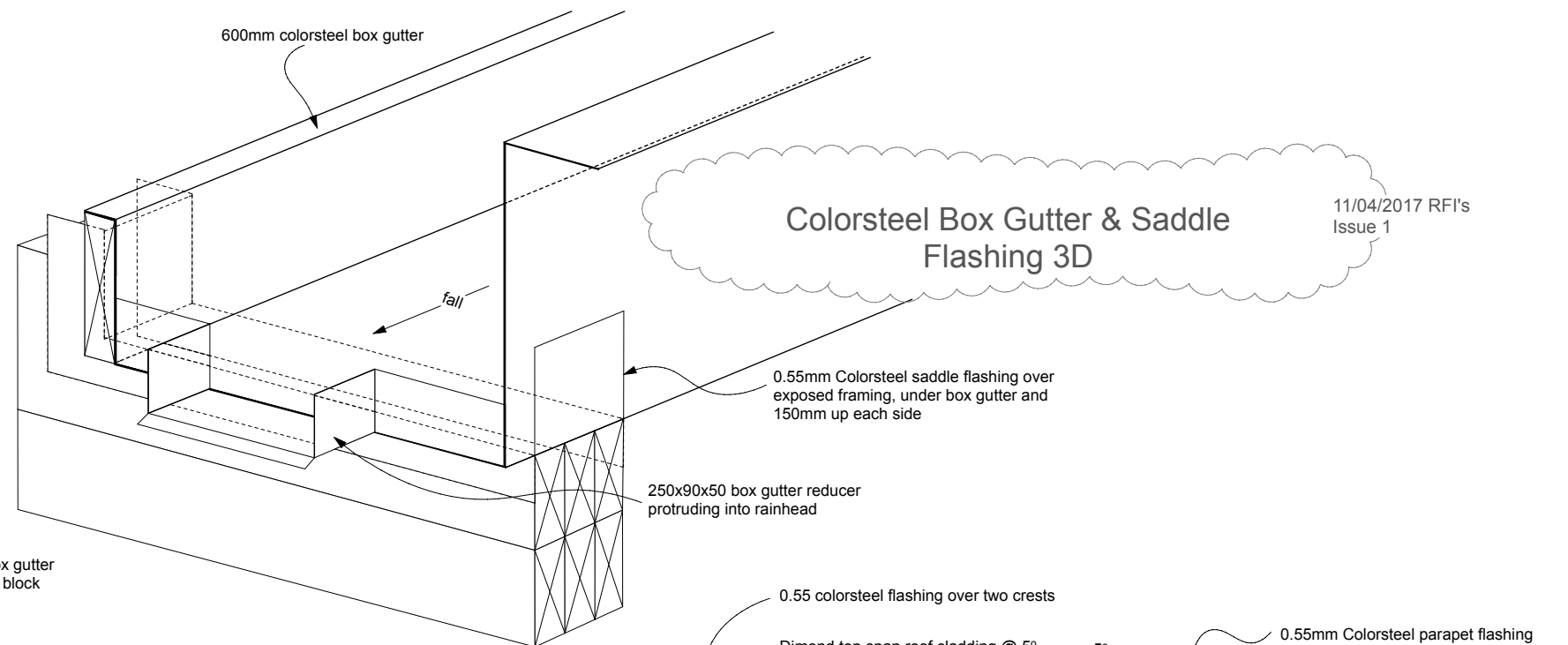
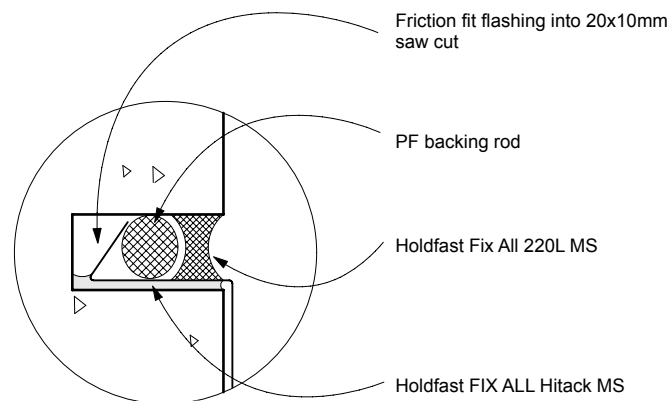
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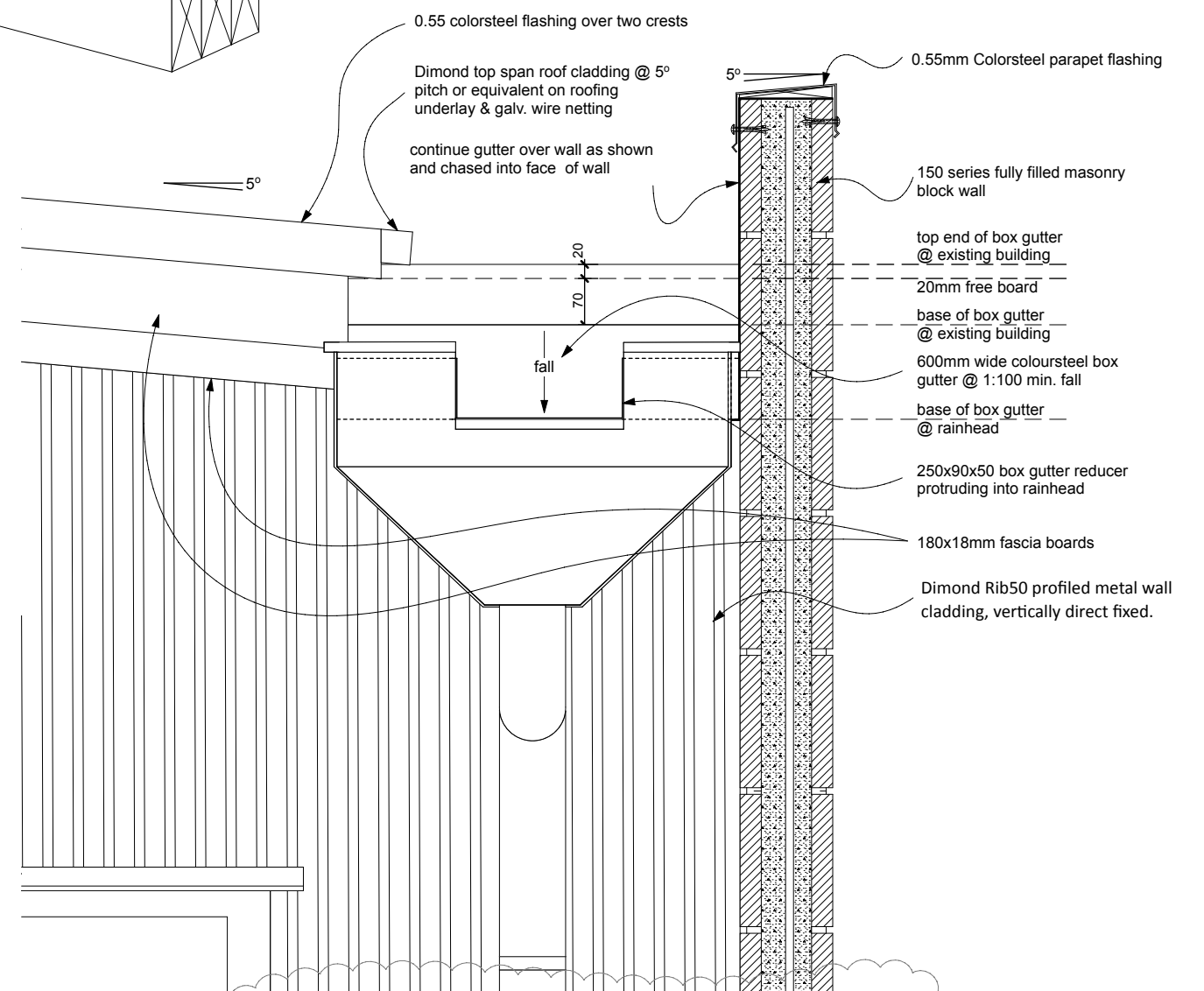




Colorsteel Box Gutter to Rainhead
Side Sectional Detail

26
A6

11/04/2017 RFI's
Issue 1



Colorsteel Box Gutter to Rainhead
Front Sectional Detail

27
A6

11/04/2017 RFI's
Issue 1

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