



AREA	
Garage (GL):	56sqm
Entry (GL):	12sqm
Internal Area (L1):	217sqm
Outside Deck Area (L1):	20sqm
<b>TOTAL:</b>	<b>305sqm</b>
<b>LAND AREA:</b>	<b>1153sqm</b>
FSR:	0.26
ALLOWABLE FSR:	0.3
STORAGE AREA	
Garage (GL):	8sqm
Entry (GL):	1.3sqm
Internal CBD's (L1):	9.8sqm
<b>TOTAL:</b>	<b>19.1sqm</b>
REQUIRED STORAGE:	5sqm

**NOTES**  
 Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
 Tree House

LOCATION

PROJECT NUMBER

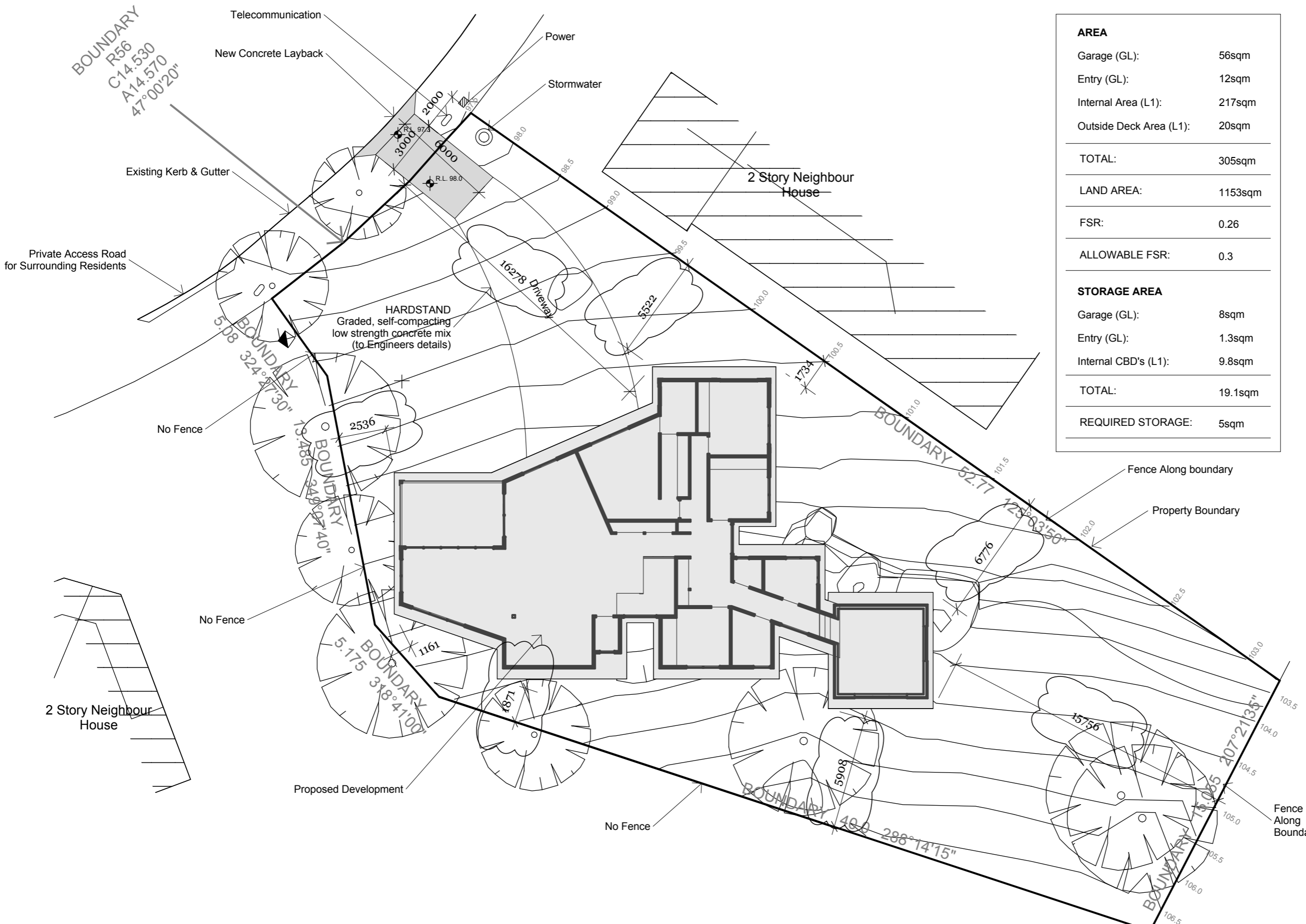
REVISION	DRAWN BY	DATE
1	SR	14.05.14
A	SR	23.08.14
#	##	###.##.##
#	##	###.##.##
#	##	###.##.##
#	##	###.##.##
#	##	###.##.##
#	##	###.##.##

For Construction

DESCRIPTION  
 General Site Plan

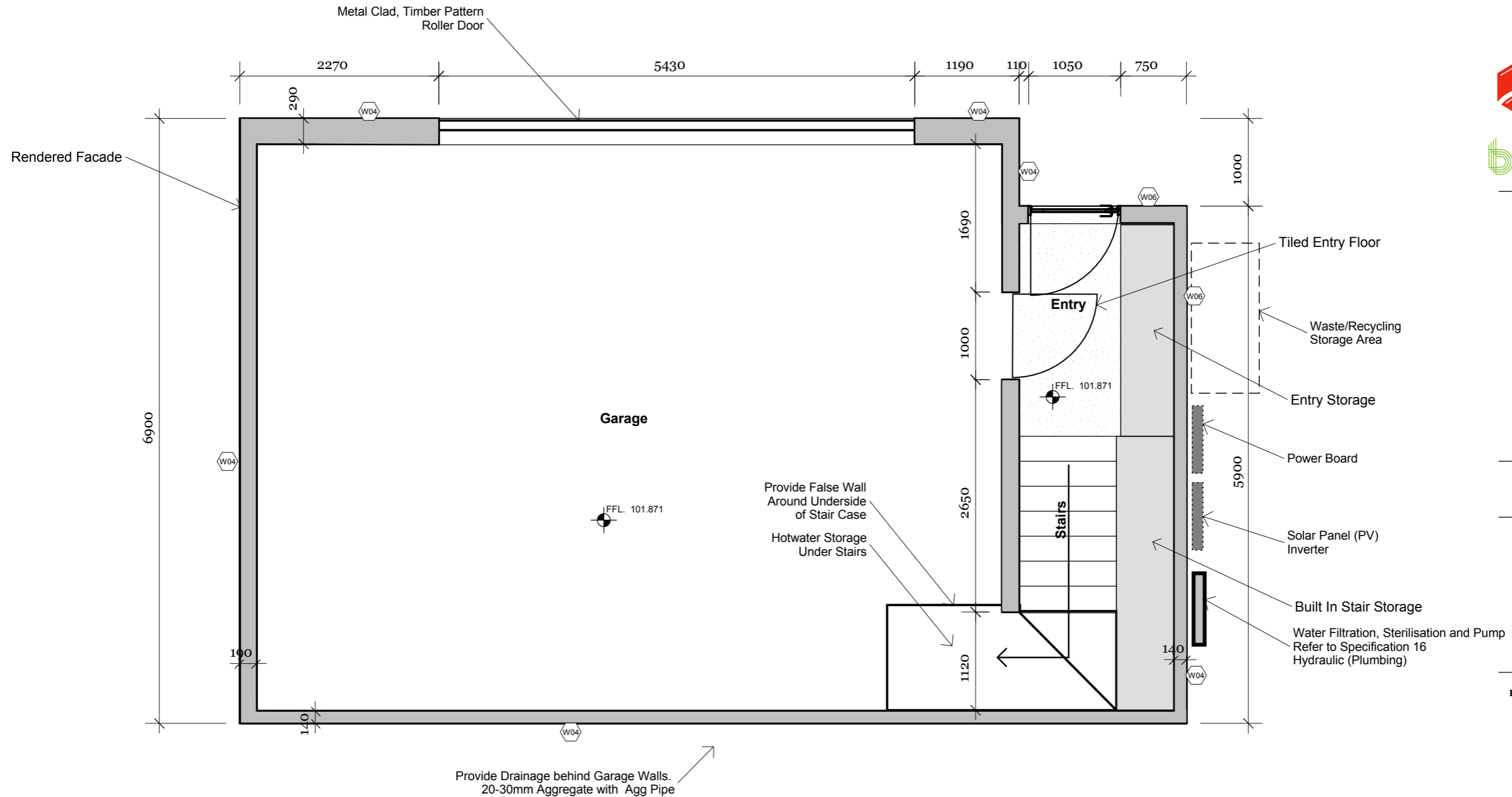
PAGE SCALE 1:100 PAGE SIZE A3

**A-001**



- NOTES:**
- Surveyor Information was obtained by ....
  - For exact set-out of the proposed develop, refer to Drawings G-500 Grid Line Setout Plan





**NOTES**  
 Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
 Tree House

LOCATION

PROJECT NUMBER

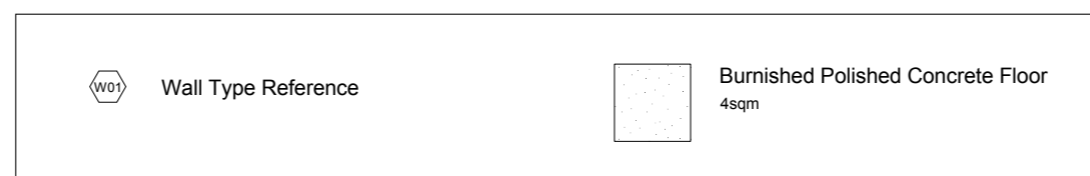
REVISION	DRAWN BY	DATE
1	SR	07.04.14
2	SR	13.05.14
3	SR	23.09.14
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##

For Construction

DESCRIPTION  
 Ground Floor - Floor Plan

PAGE SCALE 1:50 PAGE SIZE A3

**A-200**





**NOTES**

Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
 Tree House

LOCATION

PROJECT NUMBER

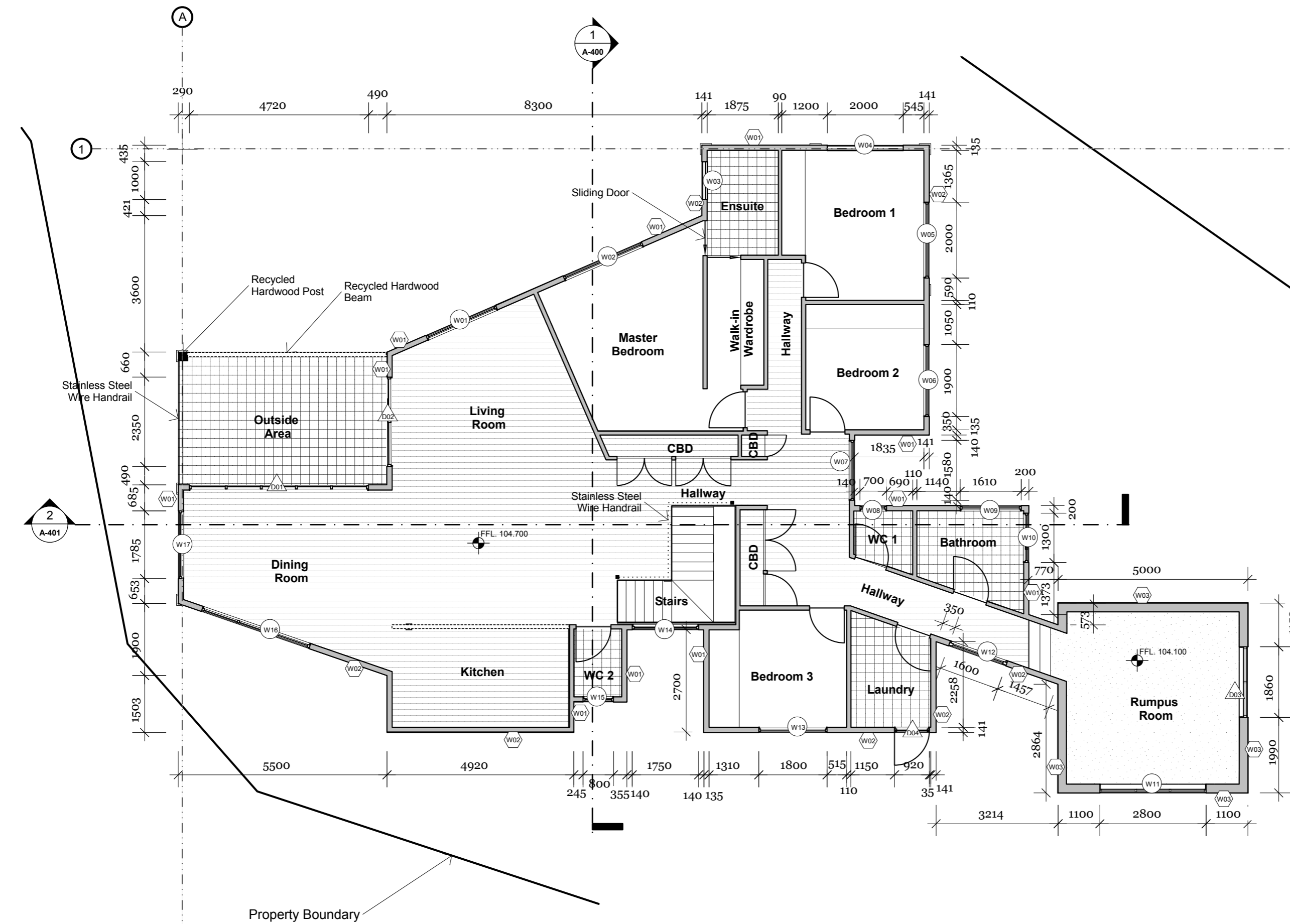
REVISION	DRAWN BY	DATE
1	SR	07.04.14
2	SR	13.05.14
3	SR	23.09.14
#	##	###.##
#	##	###.##
#	##	###.##
#	##	###.##
#	##	###.##

For Construction

DESCRIPTION  
 Level 1 - Floor Plan

PAGE SCALE 1:100 PAGE SIZE A3

**A-201**



1 Level 1 - Floor Plan  
 Scale: 1: 100

Wall Type Reference	Burnished Polished Concrete Floor 22sqm	Laminated/Vinyl/Marmoleum (TBC) 115sqm
Window Number Reference	Tiled Floor (refer interior finishes schedule) 24sqm (inside - not incl. walls) 20sqm (outside - deck area)	Carpet Floor (refer interior finishes schedule) 60sqm
Glazed Door Number Reference		



Designer/Project Manager  
 Redson Group Pty. Ltd.  
 trading as 'Progenia'  
 23 Georgina Ave  
 Keiraville, NSW 2500  
 Tel: +61 405 025 597  
 A.B.N 21 158 799 663



Stainless Steel,  
Wire Handrail

Recycled Hardwood  
Beam & Post

RL: 107.880

RL: 107.660

RL: 106.800

FFL: 104.700  
Soffit RL: 104.376

FFL: 101.871

**NOTES**

Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
Tree House

LOCATION

PROJECT NUMBER

REVISION	DRAWN BY	DATE
1	SR	07.04.14
2	SR	13.05.14
3	SR	23.09.14
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##

For Construction

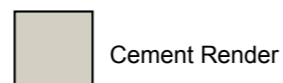
DESCRIPTION  
North Elevation

PAGE SCALE 1:100 PAGE SIZE A3

**A-250**

FFL: 104.100

22,500 L Watertank



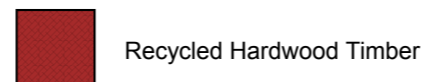
Cement Render



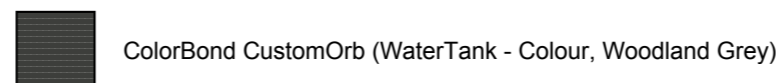
WeatherTex



Facia/Barge



Recycled Hardwood Timber

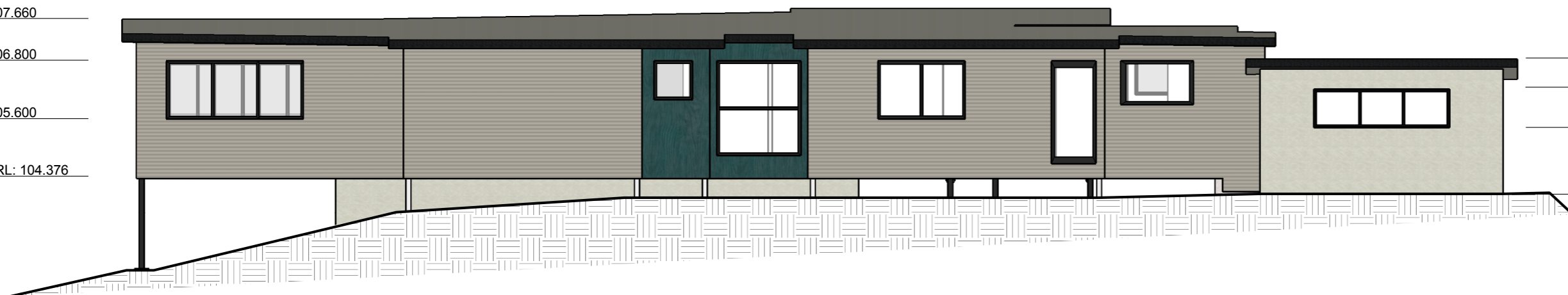


ColorBond CustomOrb (WaterTank - Colour, Woodland Grey)

Designer/Project Manager  
 Redson Group Pty. Ltd.  
 trading as 'Progenia'  
 23 Georgina Ave  
 Keiraville, NSW 2500  
 Tel: +61 405 025 597  
 A.B.N 21 158 799 663



RL: 107.660  
 RL: 106.800  
 RL: 105.600  
 Soffit RL: 104.376



RL: 106.840  
 RL: 106.200  
 RL: 105.400  
 FFL: 104.100

**NOTES**  
 Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.  
 This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
 Tree House

LOCATION






PROJECT NUMBER

REVISION	DRAWN BY	DATE
1	SR	08.04.14
2	SR	23.09.14
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##

For Construction

DESCRIPTION  
 South Elevation

PAGE SCALE 1:100 PAGE SIZE A3

	Cement Render		TrimDeck Roofing (Surfmist)
	WeatherTex		ColorBond Custom Orb (Dune)
	Facia/Barge		

Designer/Project Manager  
 Redson Group Pty. Ltd.  
 trading as 'Progenia'  
 23 Georgina Ave  
 Keiraville, NSW 2500  
 Tel: +61 405 025 597  
 A.B.N 21 158 799 663



1 East Elevation  
 Scale: 1 : 100

**NOTES**  
 Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
 Tree House

LOCATION

PROJECT NUMBER

REVISION	DRAWN BY	DATE
1	SR	08.04.14
2	SR	23.09.14
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##

For Construction







DESCRIPTION  
 East & West Elevation

PAGE SCALE 1:100 PAGE SIZE A3

**A-252**



1 West Elevation  
 Scale: 1 : 100

-  Cement Render
-  ColorBond CustomOrb (WaterTank - Colour, Woodland Grey)
-  WeatherTex
-  ColorBond Custom Orb (Dune)
-  Facia/Barge
-  Recycled Hardwood Timber



**NOTES**

Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
 Tree House

LOCATION

PROJECT NUMBER

REVISION	DRAWN BY	DATE
1	SR	07.04.14
2	SR	14.05.14
3	SR	23.09.14
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##

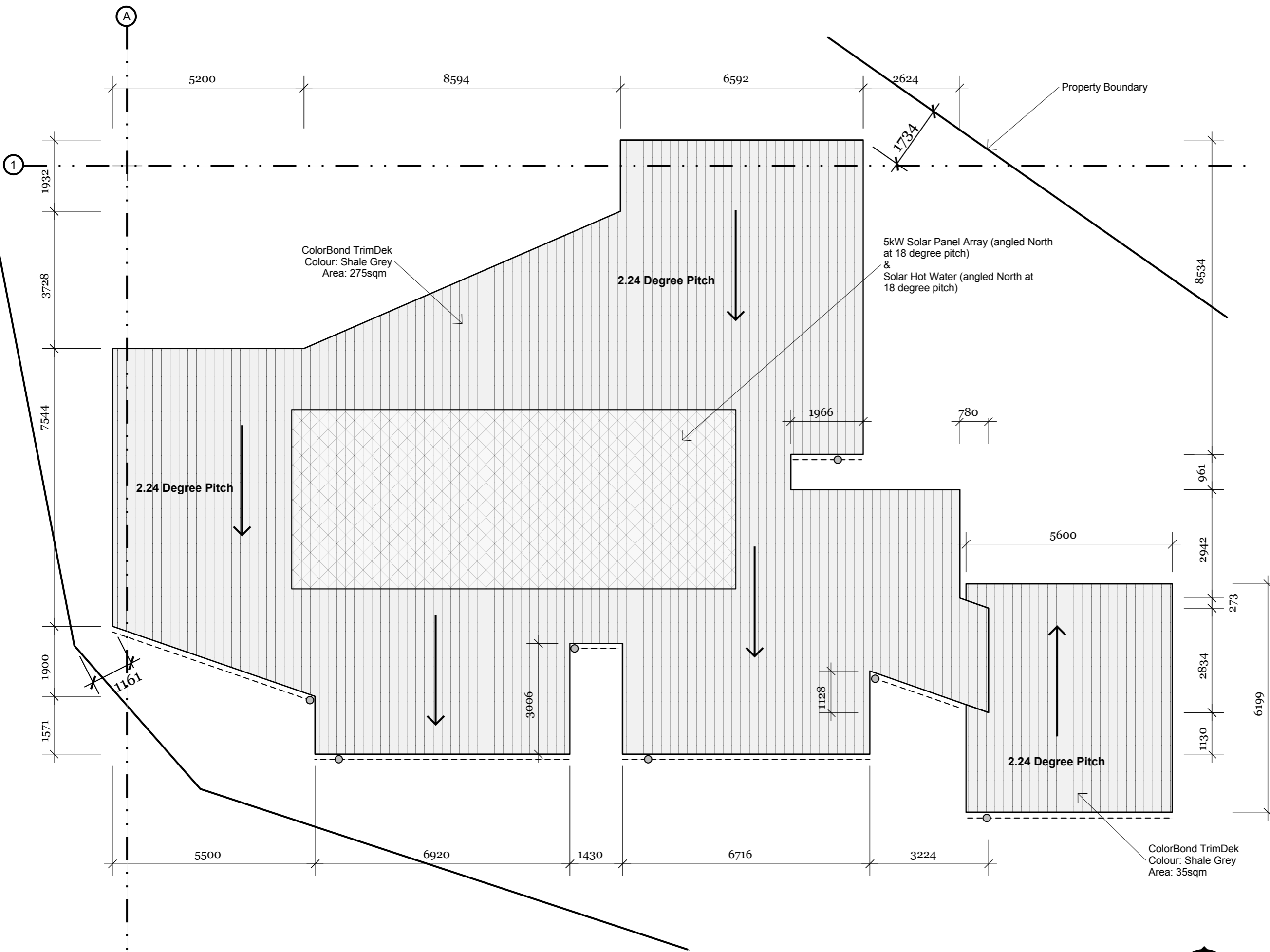
For Construction

DESCRIPTION  
 Roof Plan

PAGE SCALE  
 1:100

PAGE SIZE  
 A3

**A-300**



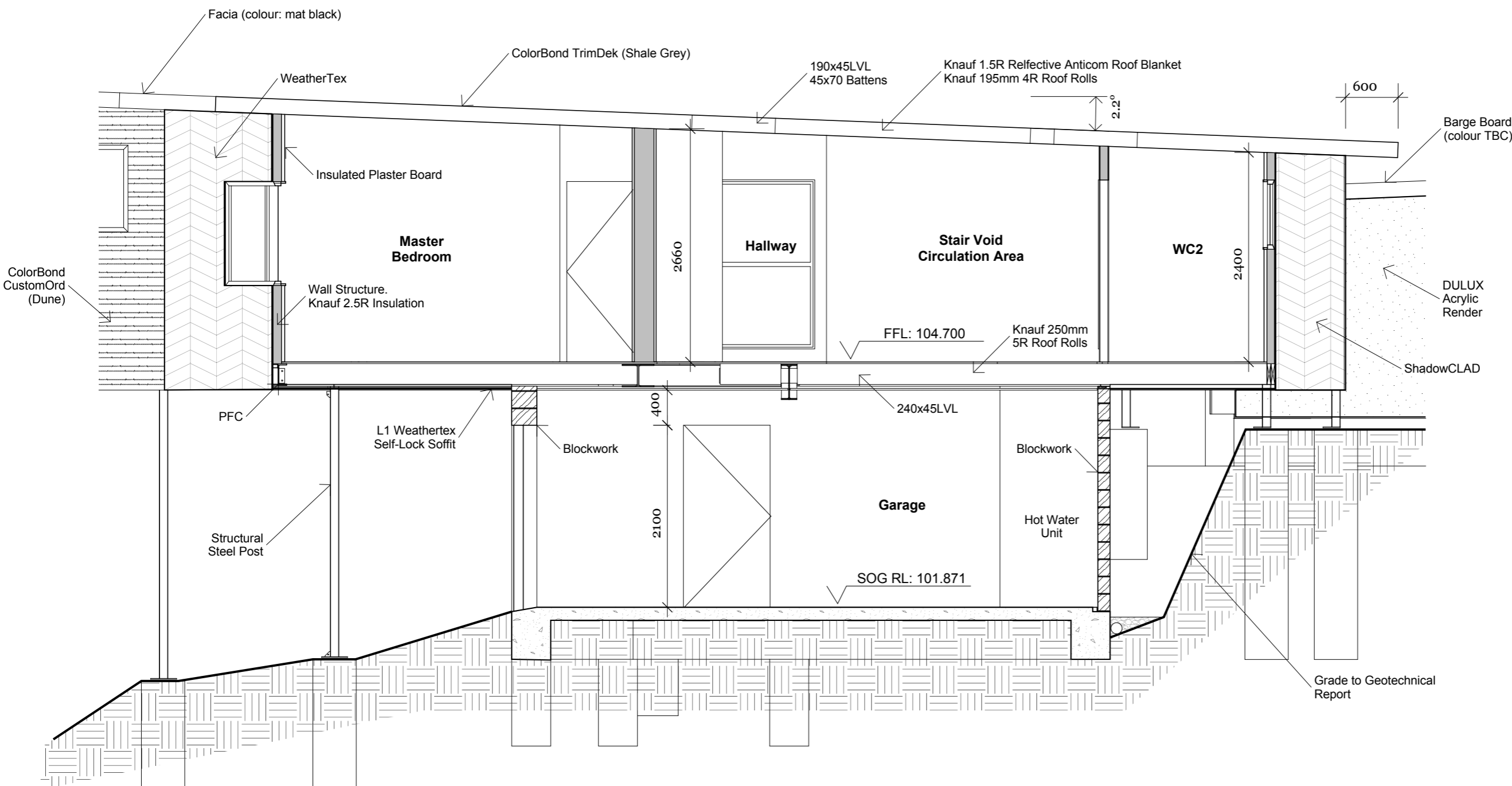
1 Roof Plan  
 Scale: 1:100

**NOTE:**  
 All Dimensions are as projected (plan view - horizontal), actual lengths of roof sheeting must allow for with respect to the roof pitch.  
 All Down-Pipes feed into the watertank, watertank discharges to stormwater.

- Gutter Location: Half-round (Woodland Grey)
- Down-Pipe: 100dia (Woodland Grey)



Designer/Project Manager  
 Redson Group Pty. Ltd.  
 trading as 'Progenia'  
 23 Georgina Ave  
 Keiraville, NSW 2500  
 Tel: +61 405 025 597  
 A.B.N 21 158 799 663



**NOTES**  
 Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
 Tree House

LOCATION

PROJECT NUMBER

REVISION	DRAWN BY	DATE
1	SR	14.05.14
2	SR	23.09.14
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##

For Construction

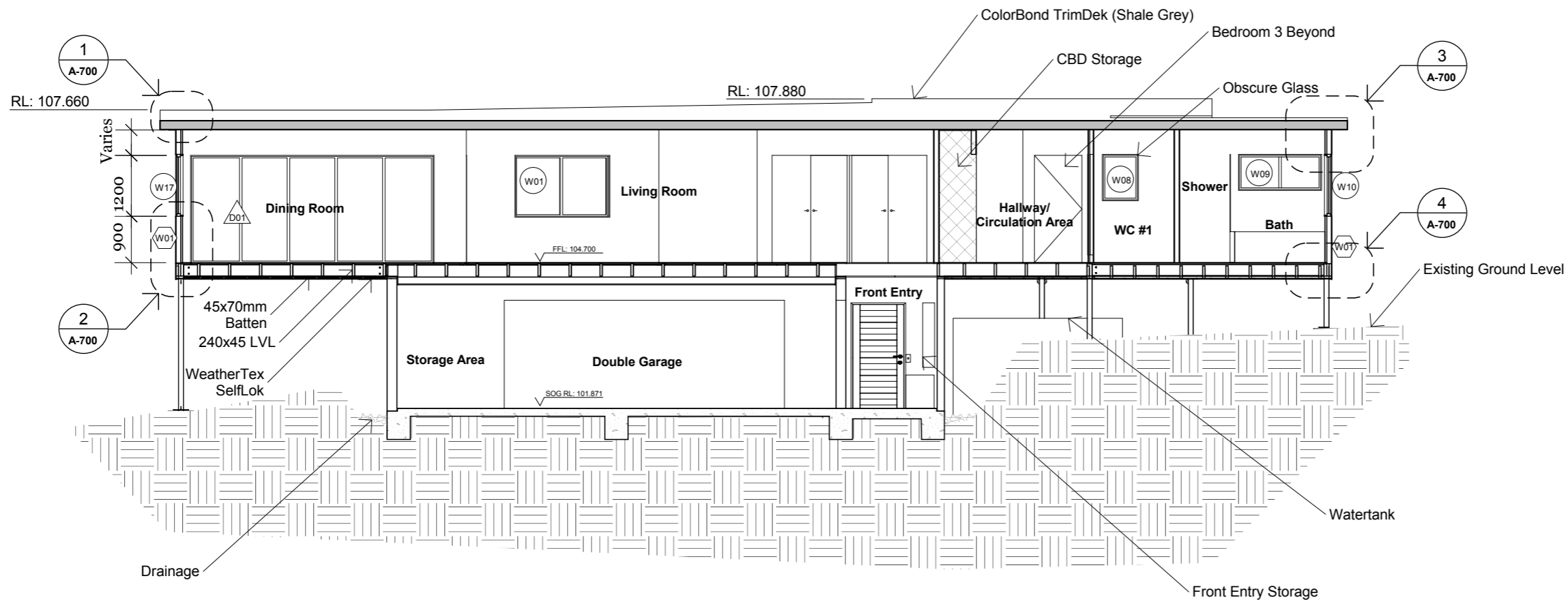
DESCRIPTION  
 Section 1

PAGE SCALE  
 1:50

PAGE SIZE  
 A3

# A-400





**NOTES**  
 Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
 Tree House

LOCATION

PROJECT NUMBER

REVISION	DRAWN BY	DATE
1	SR	14.05.14
2	SR	23.09.14
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##

For Construction

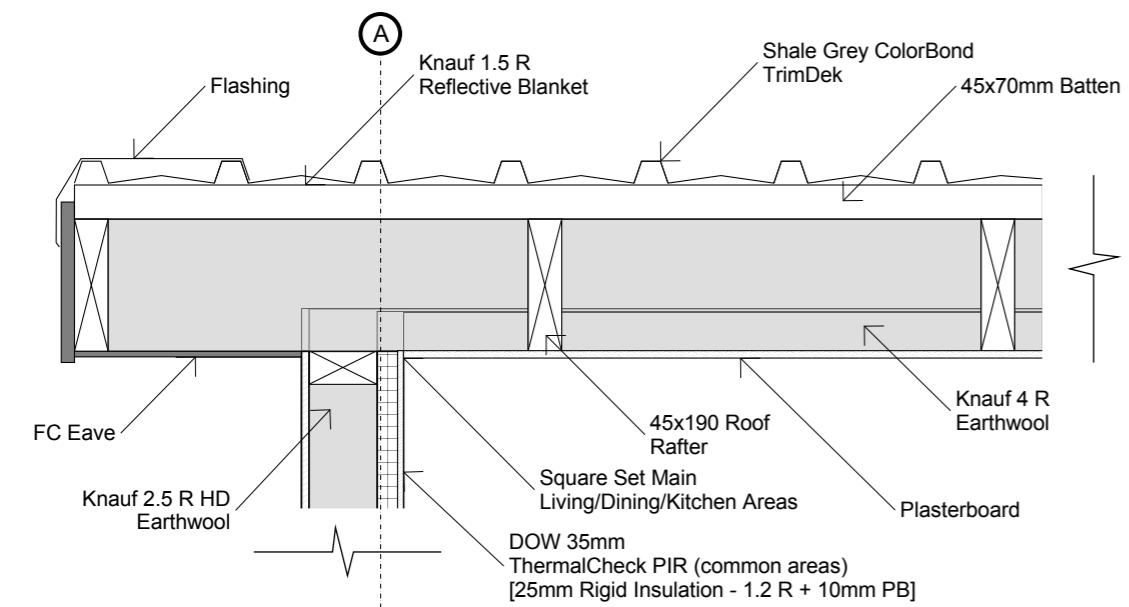
DESCRIPTION  
 Section 2

PAGE SCALE  
 1:100

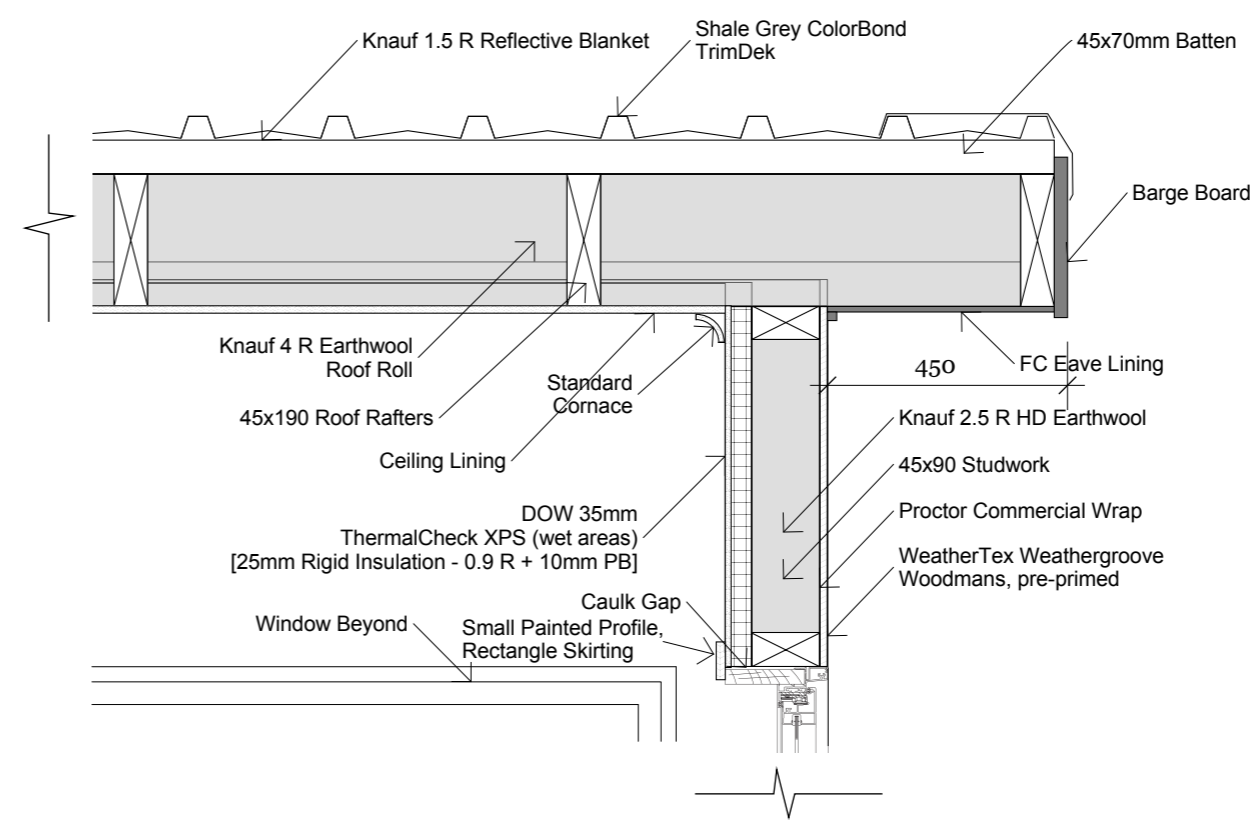
PAGE SIZE  
 A3

# A-401

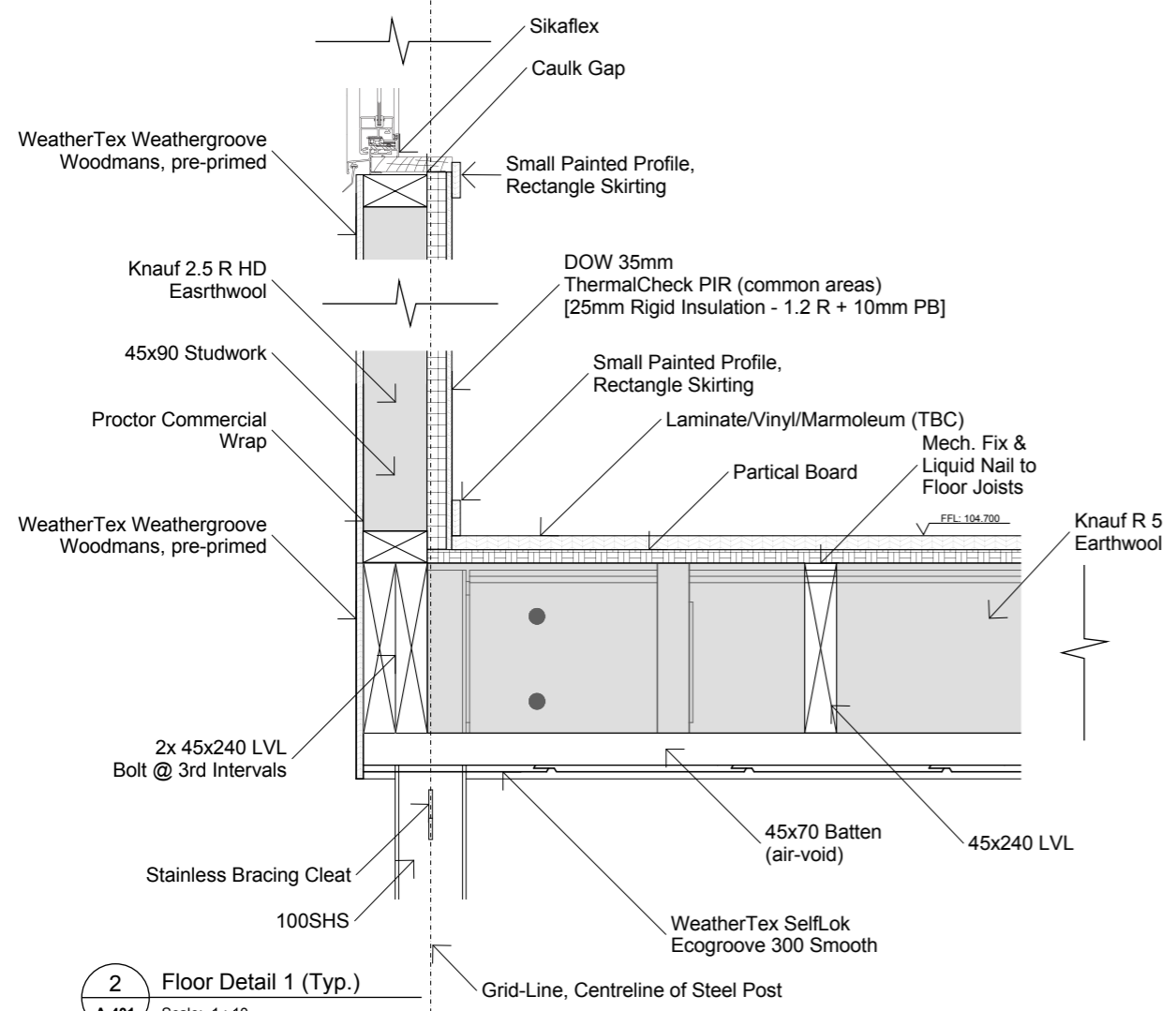
Designer/Project Manager  
 Redson Group Pty. Ltd.  
 trading as 'Progenia'  
 23 Georgina Ave  
 Keiraville, NSW 2500  
 Tel: +61 405 025 597  
 A.B.N 21 158 799 663



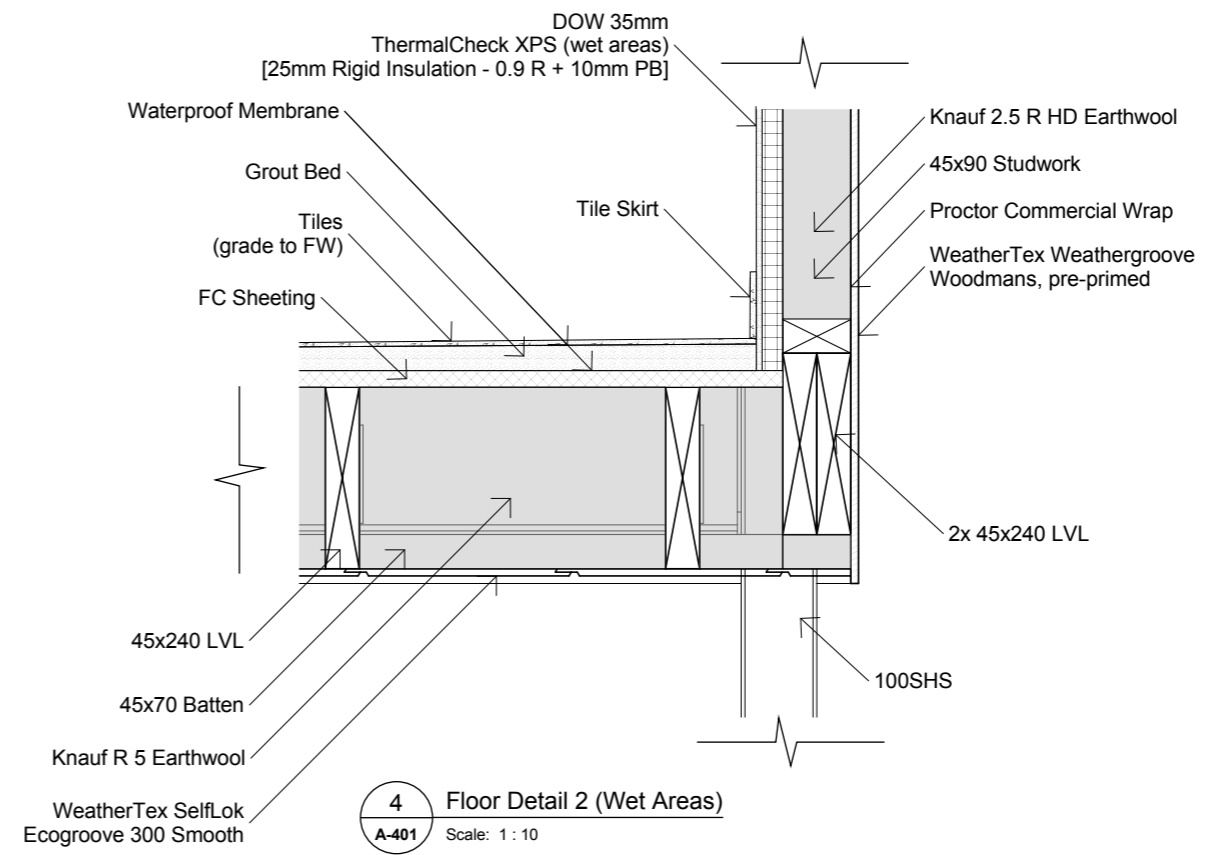
**1** Roof Detail 1  
 A-401 Scale: 1 : 10



**3** Roof Detail 2  
 A-401 Scale: 1 : 10



**2** Floor Detail 1 (Typ.)  
 A-401 Scale: 1 : 10



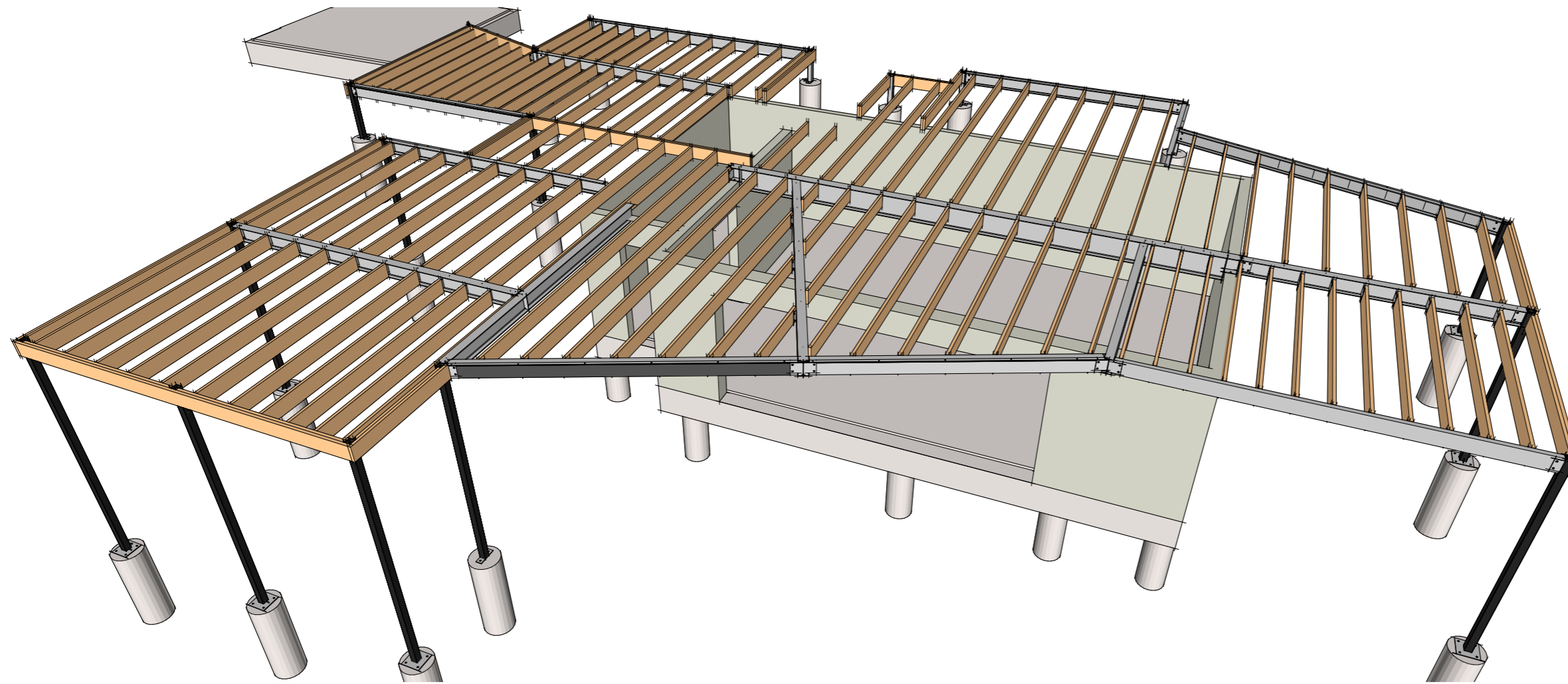
**4** Floor Detail 2 (Wet Areas)  
 A-401 Scale: 1 : 10

**NOTES**  
 Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT		
PROJECT Tree House		
LOCATION		
PROJECT NUMBER		
REVISION	DRAWN BY	DATE
A	SR	09.09.14
B	SR	23.09.14
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
For Construction		

DESCRIPTION  
 Details: 1 of 3  
 PAGE SCALE 1:10  
 PAGE SIZE A3



**NOTES**

Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

**STRUCTURAL STEEL MEMBER SCHEDULE**

MARK	MEMBER SIZE	COMMENTS
Columns		
SC1	100SHS(5)	3 Coat Protective Coating (min. 15y Warranty)
Floor Beams		
FB1	410UB53.7	Pre-Primed
FB2	250UB25.7	Pre-Primed
FB3	250PFC	Pre-Primed (Clad outside of beam with 250x45 F timber)
FB4	250UB31.4	Pre-Primed
FB5	250UB37.3	Pre-Primed
Roof Beams		
RB2	200UB21.0	Pre-Primed. Supported by timber frame (others)
Bracing		
B1	8mm Stainless Cable	Tensioned Cross Bracing

**STRUCTURAL TIMBER MEMBER SCHEDULE**

MARK	MEMBER SIZE	COMMENTS
Columns		
Floor Joints		
TFJ1	250x45 LVL	@ 600 c-c
TFJ2	230x45 LVL	@ 600 c-c
TFJ3	250x45 LVL	@ 450 c-c
Floor Beams		
TFB1	2 x 250x45 LVL	Bolt Along Length @ Third Intervals
Roof Beams		
TRB1	2 x 200x50 HW	Sandwich 5mm steel plate (req. protective coating)
TRB2	2 x 200x45 LVL	Sandwich 5mm steel plate
Bracing		
Brace Structure as per AS1684		

CLIENT

PROJECT  
Tree House

LOCATION

PROJECT NUMBER

REVISION	DRAWN BY	DATE
#	SR	02/07/14
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##

Issued for Information

DESCRIPTION  
Structural Cover Sheet

PAGE SCALE  
NTS

PAGE SIZE  
A3

**S-000**

**NOTES**

Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
 Tree House

LOCATION

PROJECT NUMBER

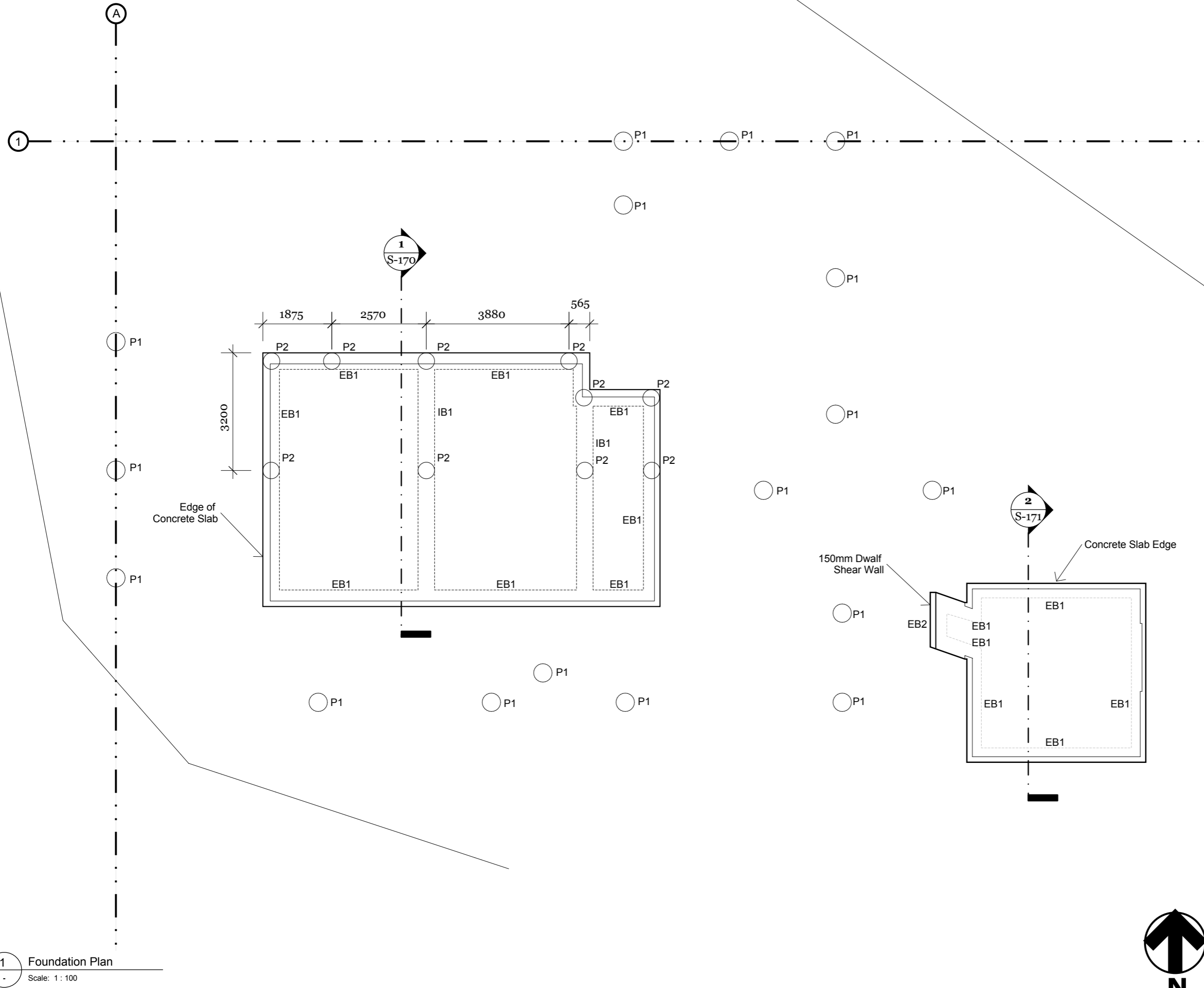
REVISION	DRAWN BY	DATE
#	SR	###.##.##
#	##	###.##.##
#	##	###.##.##
#	##	###.##.##
#	##	###.##.##
#	##	###.##.##
#	##	###.##.##

For Construction

DESCRIPTION  
 Foundation MARKING Plan

PAGE SCALE 1:100 PAGE SIZE A3

**S-100**



1 Foundation Plan  
 Scale: 1:100



**STRUCTURAL NOTES**

- All workmanship, testing, materials and supervision are to be in accordance with these specifications, the Work Health and Safety Act 2012 enforced by the Workcover Authority, and current relevant Australian Standards.  
 - Unless otherwise specified for specific instances in the design drawings, the arrangement, design and installation of temporary works remains the responsibility of the contractor.  
 - Temporary bracing and support of the structure is the responsibility of the contractor and shall be maintained during all stages of construction.  
 - Notes on any drawing apply to all drawings in the set UNO.  
 - These drawings depict the complete structure and do not describe a work method. The determination of a safe work method remains the responsibility of the builder.

**CONCRETE**  
 - All construction shall be in accordance with AS3600 and NatSpec concrete standards.  
 - Provide 'Damp Proof Membrane' between sand and SOG.

Concrete properties:  
 Pad footings: N25  
 SOG: N25  
 Slump 75 mm +/-15 mm  
 Maximum aggregate size 20 mm

**EARTHWORKS**  
 - All soil preparation, remediation and additional testing to be carried out in accordance with Douglas Partners Geotechnical Report number 78590.20 (9 July 2012).  
 - All compacted fill is to be carried out in accordance with AS3798.

**CONSTRUCTION PHASE SERVICES**  
 - Obtain engineer's written instruction at the following hold points:  
 - Preparation of founding material  
 - Footings and SOG prior to casting concrete  
 - Framing when complete  
 - Give 48 hours notice of inspection.

**NOTES**  
 Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
 Tree House

LOCATION

PROJECT NUMBER

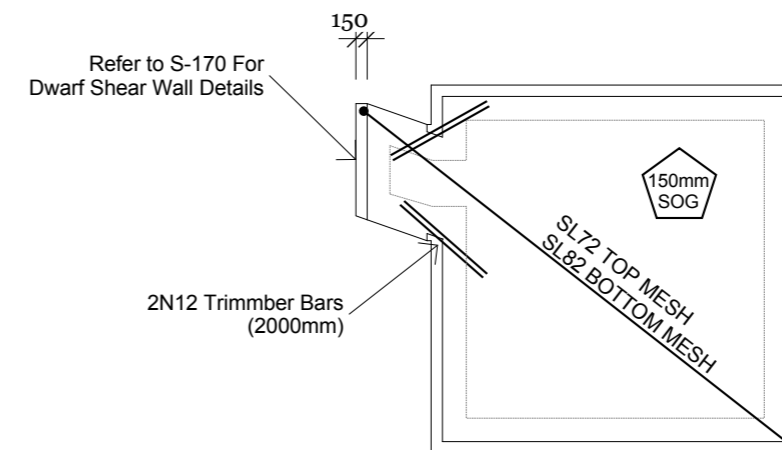
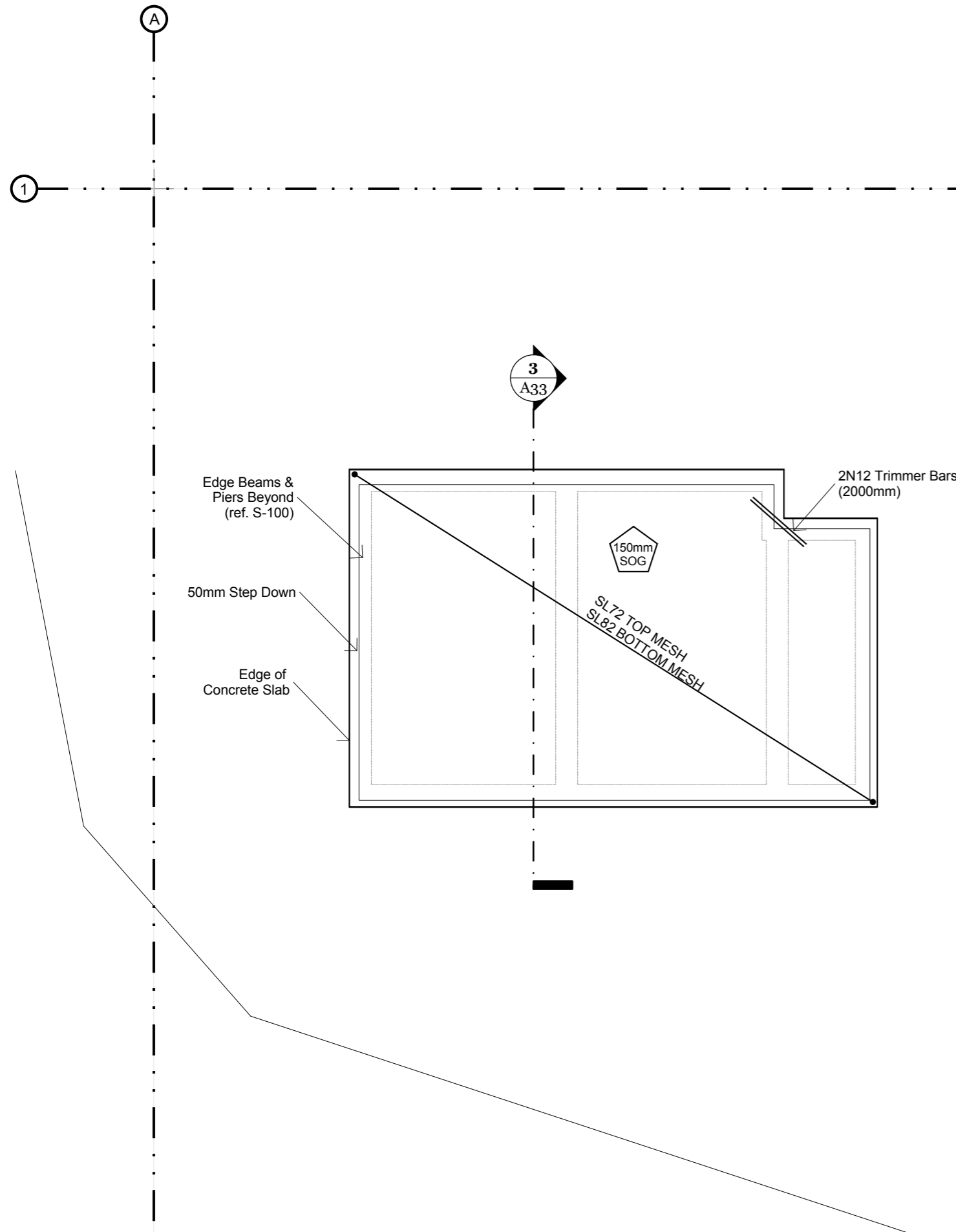
REVISION	DRAWN BY	DATE
#	SR	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##

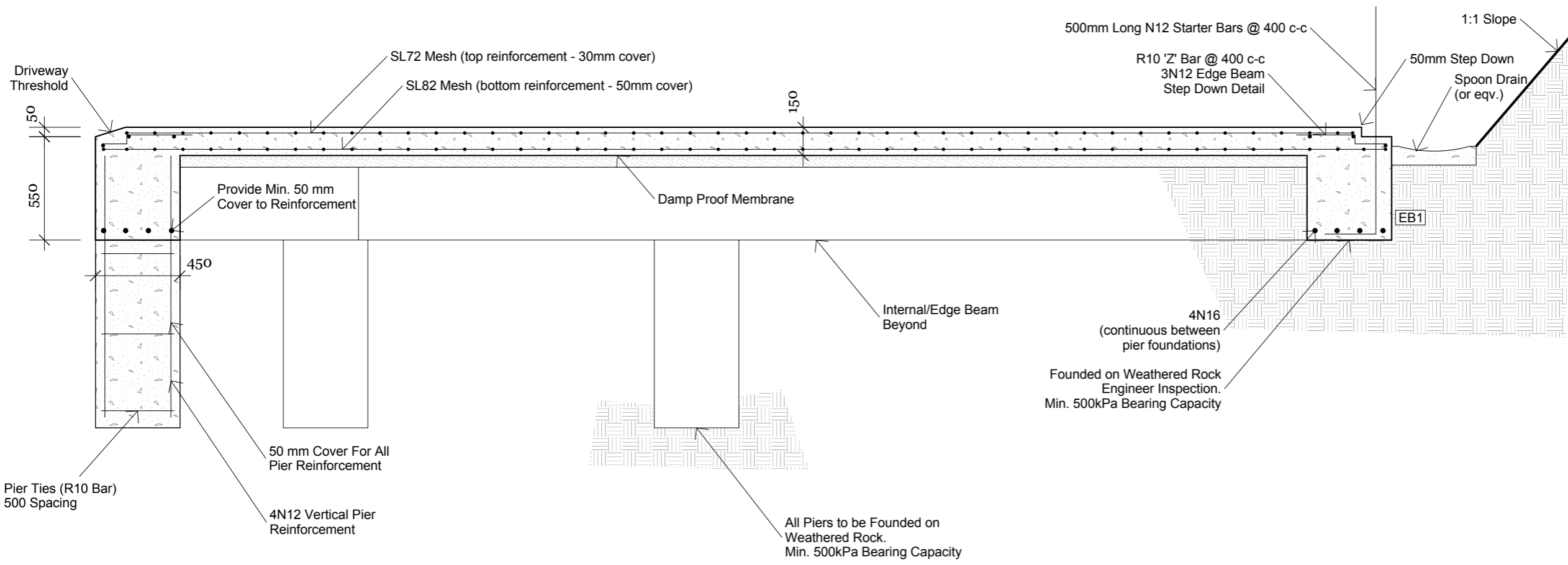
For Construction

DESCRIPTION  
 Concrete Plan

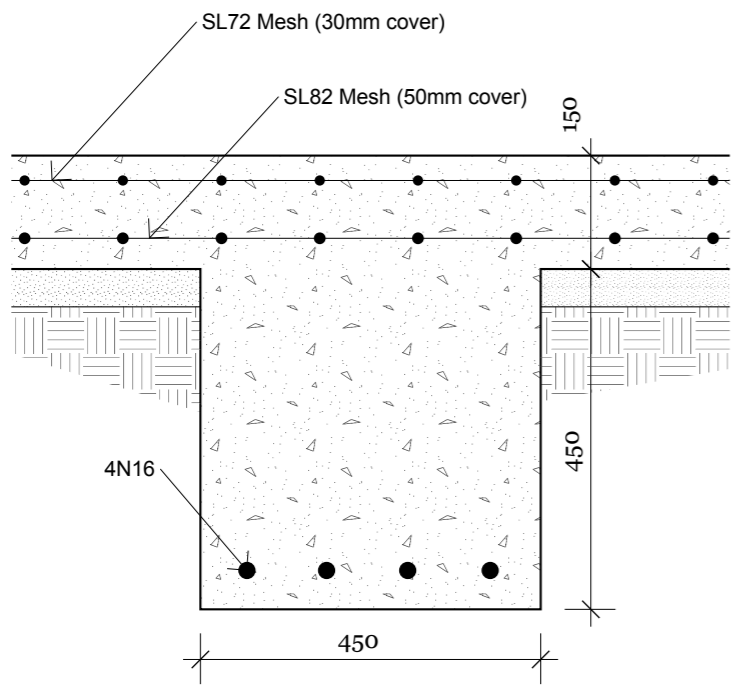
PAGE SCALE 1:100      PAGE SIZE A3

**S-150**

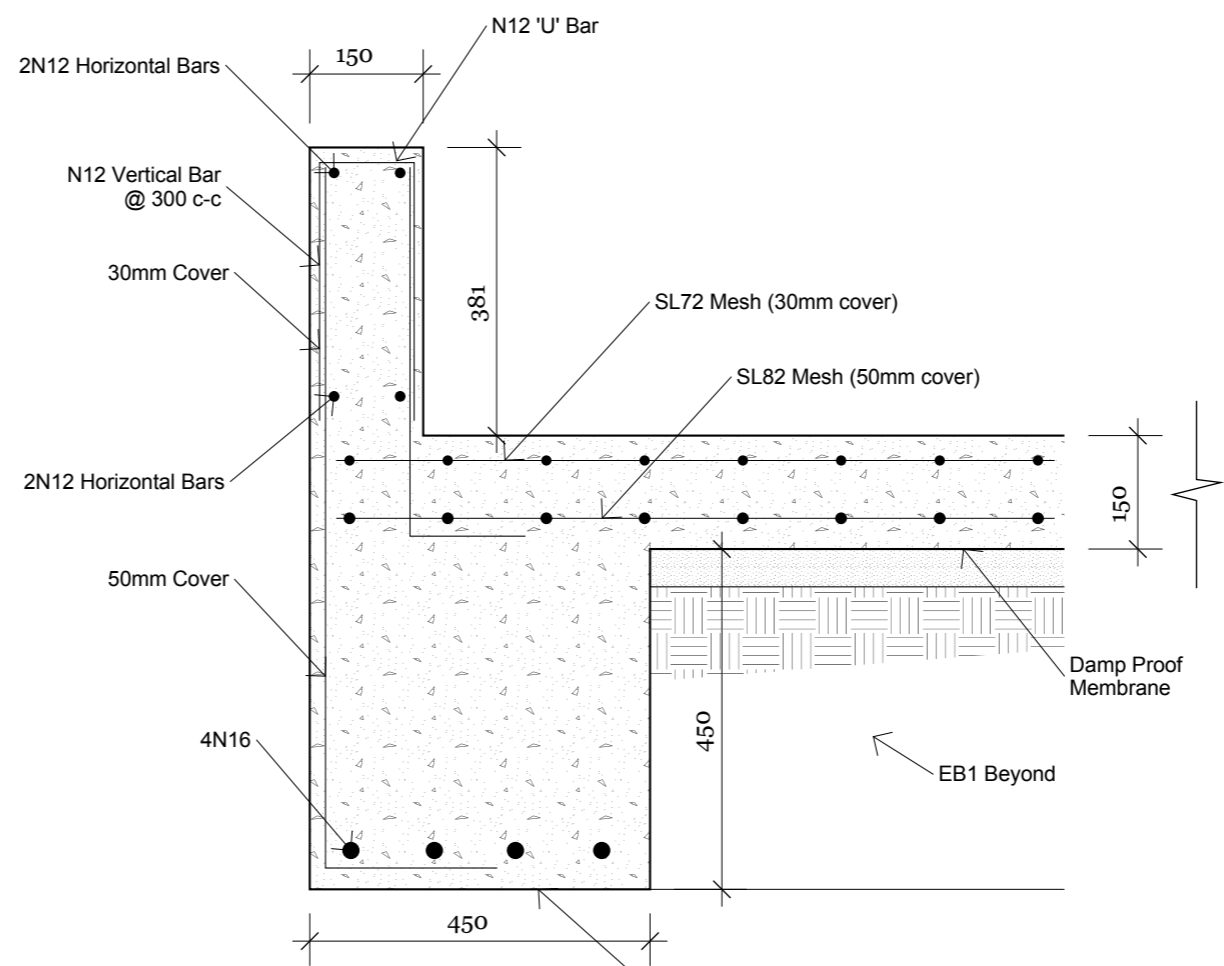




1 Concrete Detail  
Scale: 1:25



2 Concrete Detail - IB1  
Scale: 1:10



3 Concrete Dwalf Shear Wall - EB2  
Scale: 1:10  
Found on 500kPa Weathered Rock

Designer/Project Manager  
Redson Group Pty. Ltd.  
trading as 'Progenia'  
23 Georgina Ave  
Keiraville, NSW 2500  
Tel: +61 405 025 597  
A.B.N 21 158 799 663



**NOTES**  
Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
Tree House

LOCATION

PROJECT NUMBER

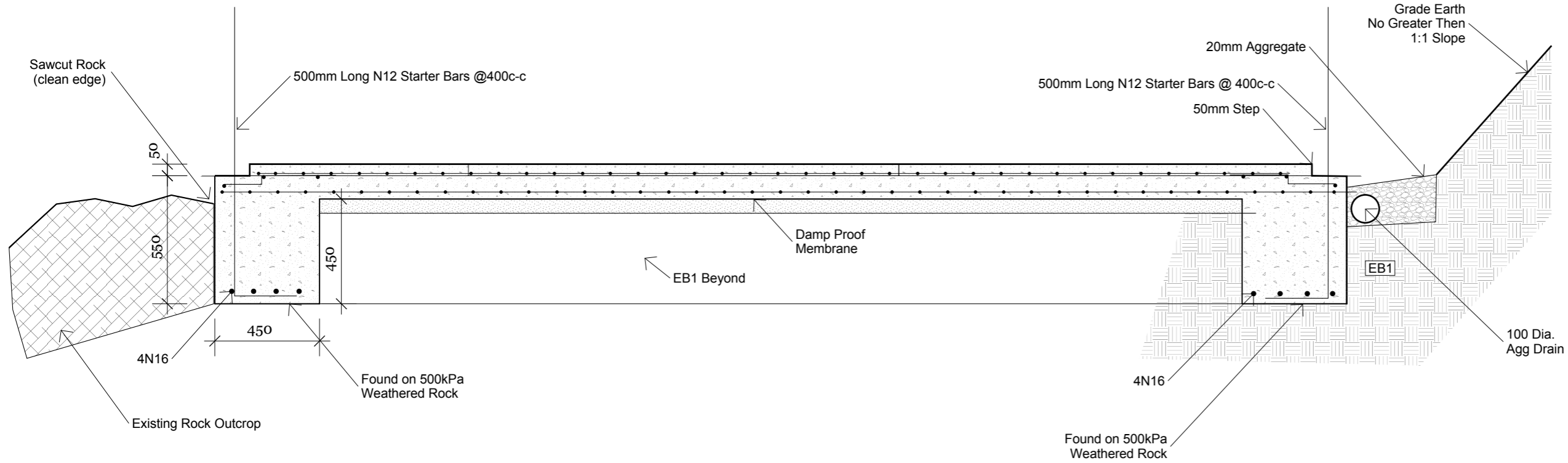
REVISION	DRAWN BY	DATE
A	SR	20/07/14
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##

For Construction

DESCRIPTION  
Concrete Details - 1

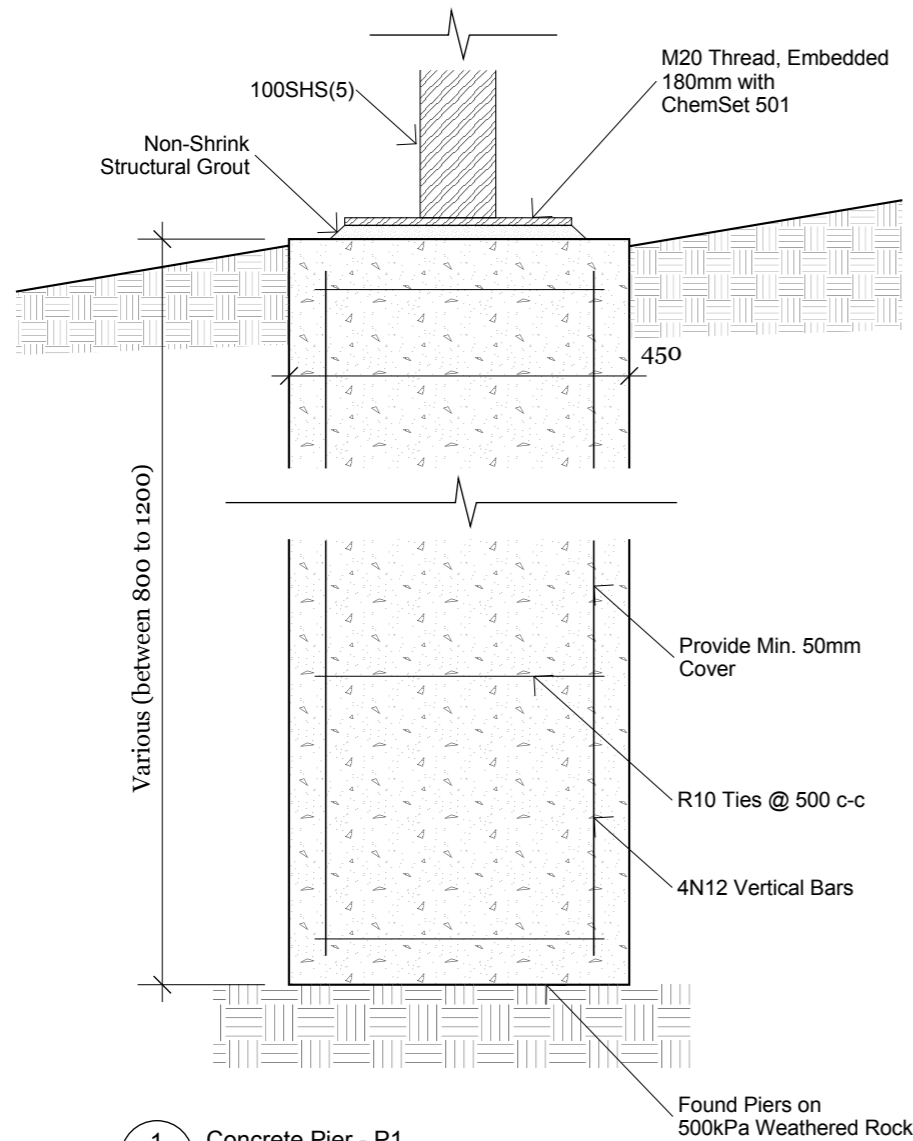
PAGE SCALE  
Various

PAGE SIZE  
A3



2 Section 2: Concrete Detail  
Scale: 1:20

NOTE:  
When Founded in Shallow Rock,  
Foundation Design can Change at  
the Discretion of the Structural Engineer.



1 Concrete Pier - P1  
Scale: 1:10

**NOTES**  
Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
Tree House

LOCATION

PROJECT NUMBER

REVISION	DRAWN BY	DATE
#	SR	2017/14
#	##	###.##.##
#	##	###.##.##
#	##	###.##.##
#	##	###.##.##
#	##	###.##.##
#	##	###.##.##

For Construction

DESCRIPTION  
Concrete Details - 2

PAGE SCALE  
Various

PAGE SIZE  
A3



**NOTES**

Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
 Tree House

LOCATION

PROJECT NUMBER

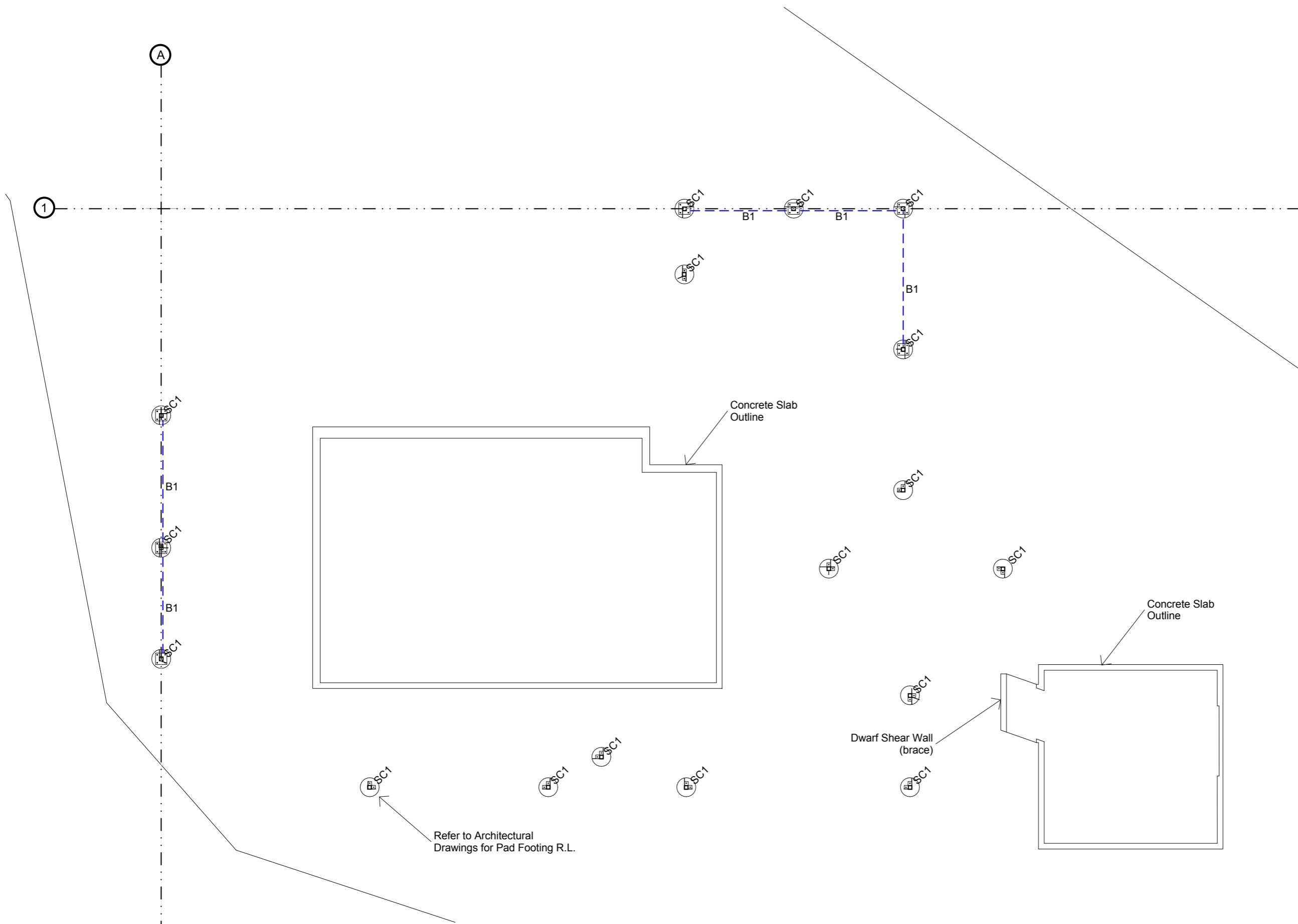
REVISION	DRAWN BY	DATE
#	SR	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##

Issued for Information

DESCRIPTION  
 Column Layout

PAGE SCALE 1:100      PAGE SIZE A3

**S-200**



1 Column Layout  
 Scale: 1:100





**NOTES**

Do not scale drawings. Use figured dimensions only. Check and verify levels and dimensions on site prior to commencement of any work, the preparation of shop drawings or the fabrication of components.

This drawing is the copyright of Redson Group Pty. Ltd. (Progenia) and is protected under the Copy Right Act 1968. Do not alter, reduce or transmit in any form or by any means without the express permission of Redson Group Pty. Ltd. (Progenia).

CLIENT

PROJECT  
 Tree House

LOCATION

PROJECT NUMBER

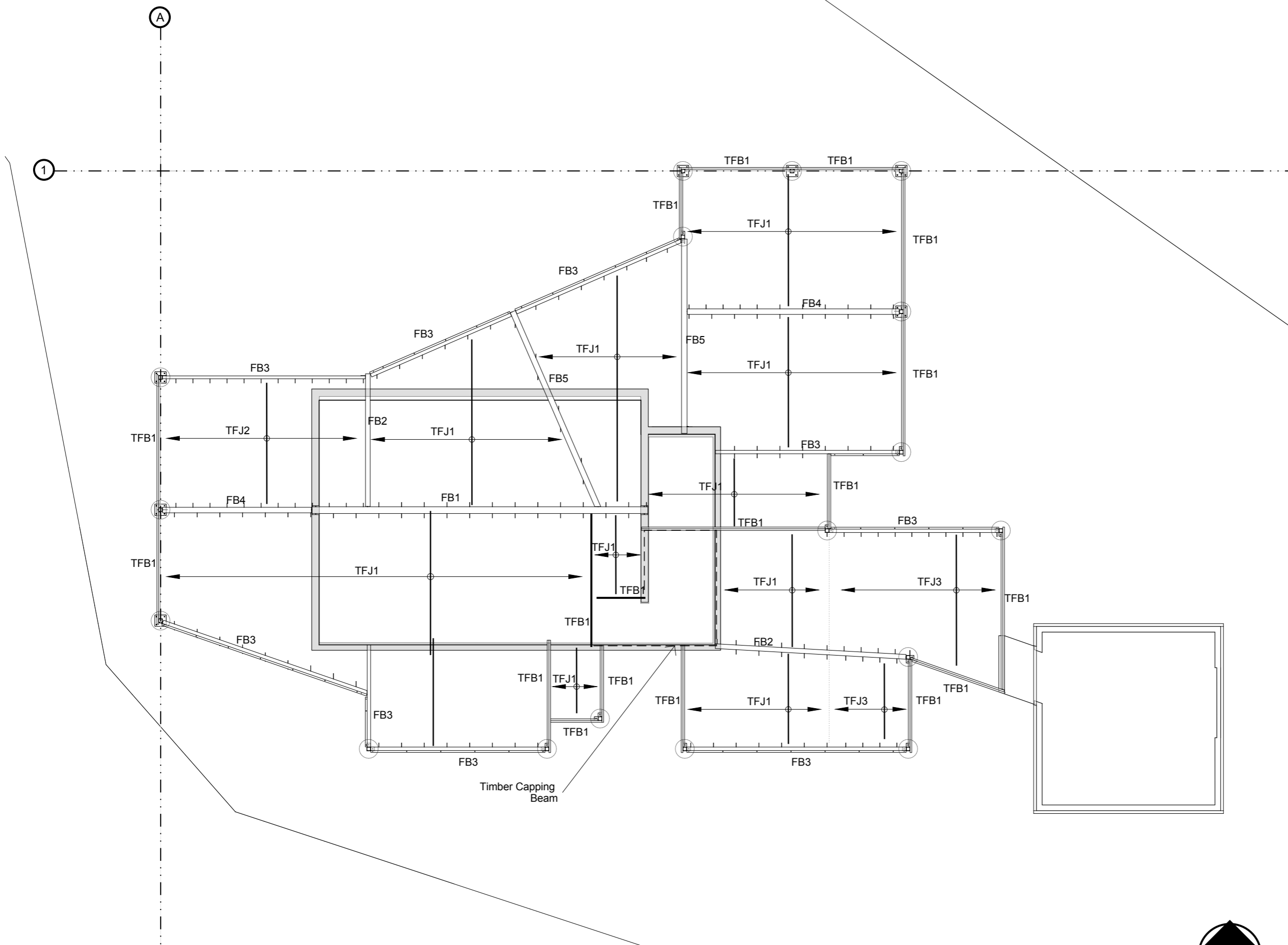
REVISION	DRAWN BY	DATE
1	SR	01.09.14
2	SR	24.09.14
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##
#	##	##.##.##

Issued for TENDER

DESCRIPTION  
 L1 Beam Layout

PAGE SCALE 1:100 PAGE SIZE A3

**S-300**



1 L1 Beam Layout  
 Scale: 1:100

