

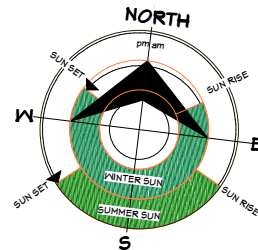
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NOTES:

Prior to starting any works

- Locate and identify boundary pegs, service connection points and there inverts (Confirm all falls shown in drawings will comply)
- Public protection from onsite hazards, Site safety fencing (when required by T.A), 2.0m(min) to prevent site hazards from harming traffic or passers-by, to restrict unauthorized entry by children - ensure fencing is difficult to be climbed, gates and doors do not project beyond site when open, and encloses the whole site.
- All building sites to have Worksafe NZ compliant warning signs erected.
- Any hazardous equipment or materials will be stored onsite only if secured, by portable building lock up or in the house being built (after lock-up stage)
- Sites to be assessed on a individual basis by construction managers for compliance with NZBC clause F5 and if specific hazards exist then a work-site barrier must be erected.



CLIENT: **Kosir Residence**
Lot 14, DP 571567
Kahurangi Road,
Knights Stream
Halswell, Canterbury

TERRITORIAL AUTHORITY:
Christchurch City Council
Residential Suburban Zone

SITE DATA (for zones upto & including):

Sub-soil Classification:	E
Soil Classification	REF GEO - TC2
Wind Zone:	High
Earthquake Zone:	2
Exposure Zone:	C
Climate Zone:	3
Rain Intensity (10%AEF):	53.7mm/hr
Snowload:	1.0kPa

Site Existing

JOB No: 97815	SALES: Sonja
LBP: C.Wearne 101178	
DRAWN: Katherine	DATE: 25/10/2022
SCALE: 1:200	SHEET No. 2 OF 55

COVERAGE		
Site area	= 760m ²	
Footprint (over cladding)	= 213.7m ²	= 28.1%

Christchurch City Council

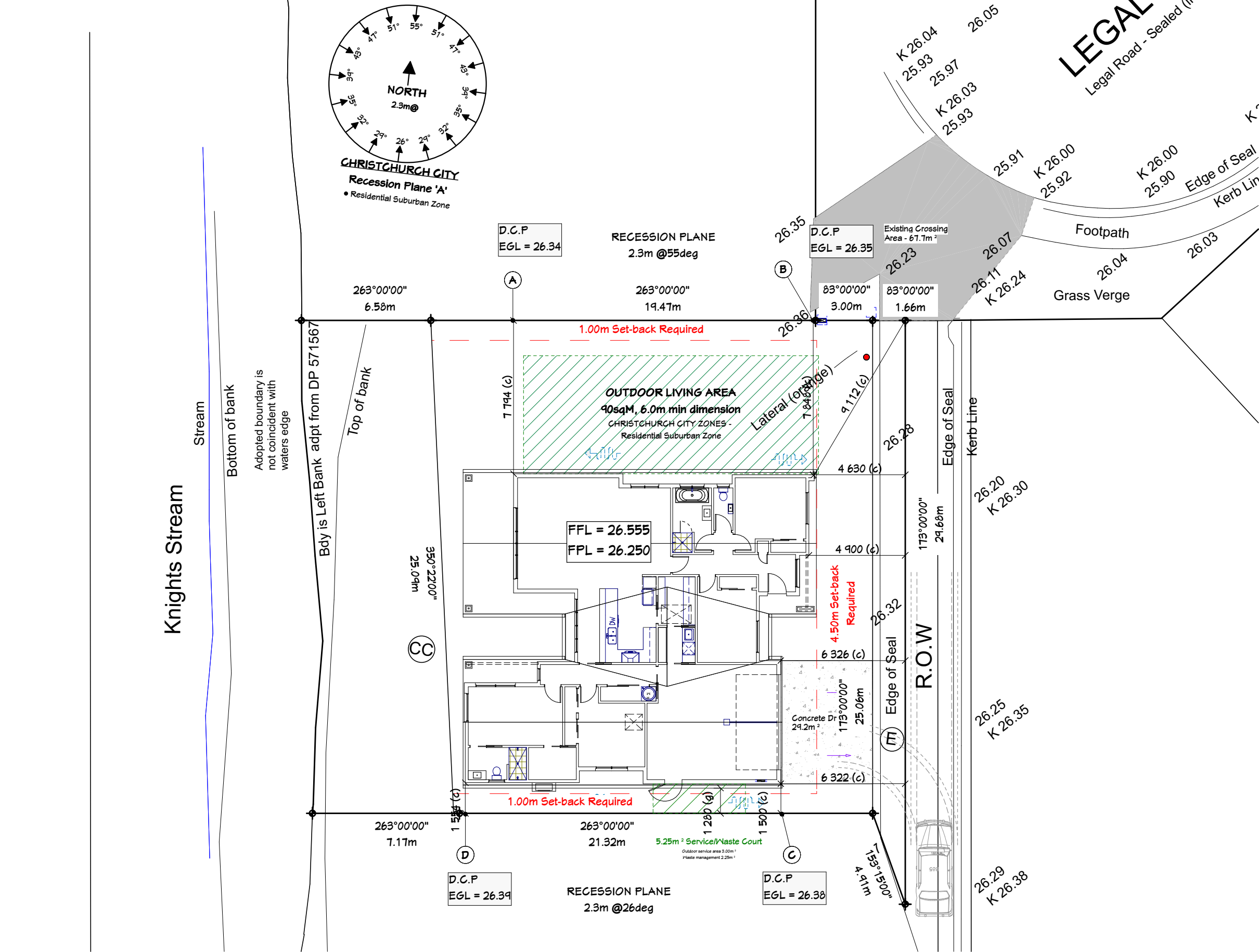
RMA/2023/133

Approved Resource Consent Plan

27/07/2023

Lough, Kelsey

Page 2 of 10



NOTES:

KEY

FFL = Finished floor level

FGL = Finished ground level

FPL = Finished platform level

EGL = Existing ground level

D.C.P = Daylight control point

(f) = Dimension to foundation

(c) = Dimension to cladding

(g) = Dimension to gutter/leave

● = Bubble Up Chamber

○ = Type 1 sump

■ = Type 2 sump

▬ = Drainage channel

→ = Overland flow path

→ = Fall of paving

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Kosir Residence

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Site Planning

JOB No: 97815 SALES: Sonja

LBP: C. Neame 101178

DRAWN: Katherine DATE: 25/10/2022

SCALE: 1:200 SHEET No. 3 OF 55

Knights Stream

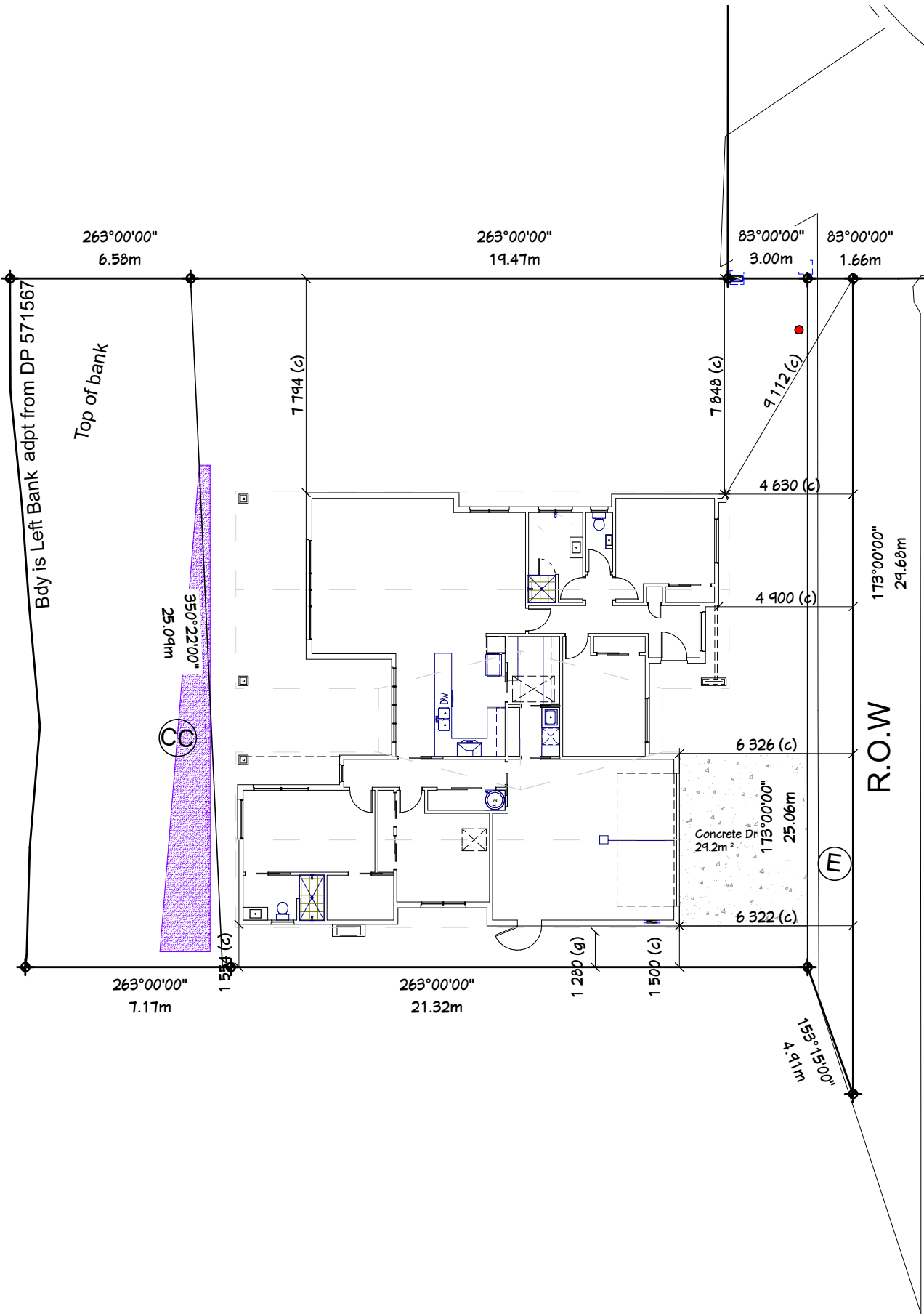
Stream

Bottom of bank

Adopted boundary is
not coincident with
waters edge

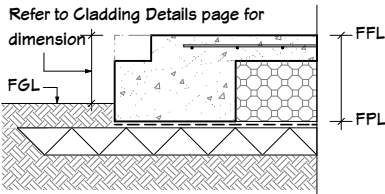
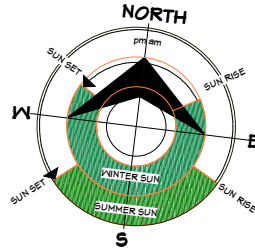
Bdy is Left Bank adpt from DP 571567

Top of bank



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NOTES:



SP 001 Finished Ground Reference
Std Raft Slab
WUDNEX plan

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Site Plan

JOB No: 97815	SALES: Sonja
LBP: C. Neame 101178	
DRAWN: Katherine	DATE: 25/10/2022
SCALE: 1:200	SHEET No. 6 OF 55

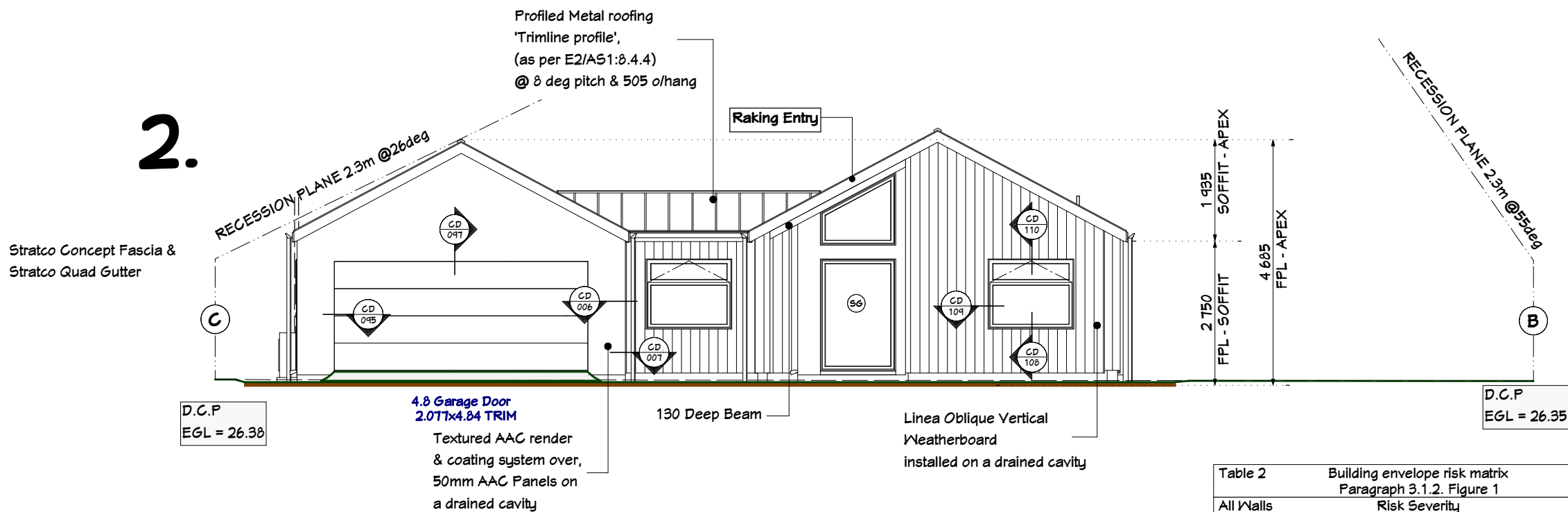
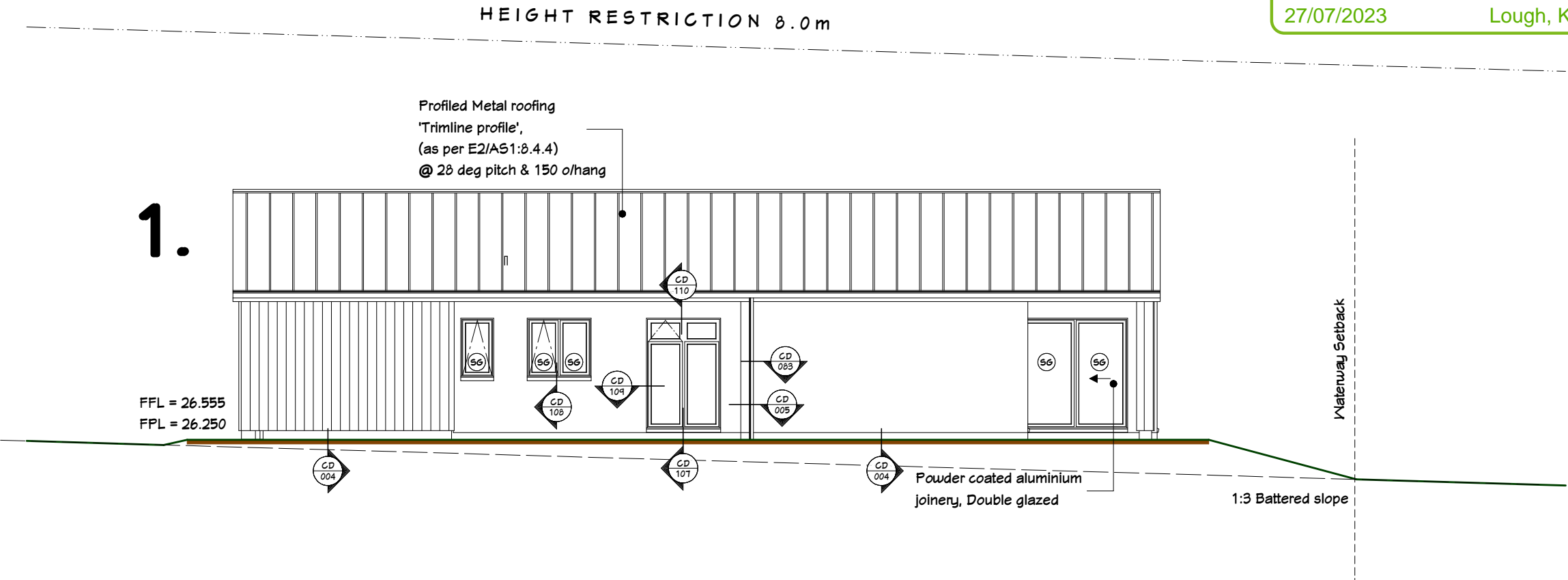


Table 2 Building envelope risk matrix Paragraph 3.1.2. Figure 1					
All Walls Risk factor	Risk Severity				Subtotals for each risk factor
	Low	Med	High	Very High	
Wind zone (per NZS 3604)	0	0	1	2	1
Number of storeys	0	1	2	4	0
Roof/wall intersection design	0	1	3	5	3
Eaves width	0	1	2	5	2
Envelope complexity	0	1	3	6	1
Deck Design	0	2	4	6	0
Total Risk Score					7



NOTES:

- If windows & doors are shown upto soffit, window and door sizes are to be measured on site prior to the manufacture of those units.

FFL = Finished Floor Level
FGL = Finished Ground Level
FPL = Finished Platform Level
EGL = Existing Ground Level

SG Indicates safety glass

Safety Glazing

- All glazing is to be in accordance with the NZ Building Code Handbook and NZS.4223, Parts 1, 2, & 3 Code of Practice for Glazing in Buildings.
- All glazing panels to bathrooms and toilets to have safety glazing to the interior panel only
- All glazing to be confirmed by the manufacturer prior to construction

Callout of Details

= Reference to Cladding Details CD####

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Snowload: 1.0kPa

Elevations .1		
JOB No: 97815	SALES:	Sonja
LBP: C/Neame 101178		
DRAWN: Katherine	DATE: 25/10/2022	
SCALE: 1:100	SHEET No. 10 OF 55	



NOTES:

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Elevations .2

JOB No: 97815 SALES: Sonja
LBP: C.Nearne 101178
DRAWN: Katherine DATE: 25/10/2022
SCALE: 1:100 SHEET No. 11 OF 55

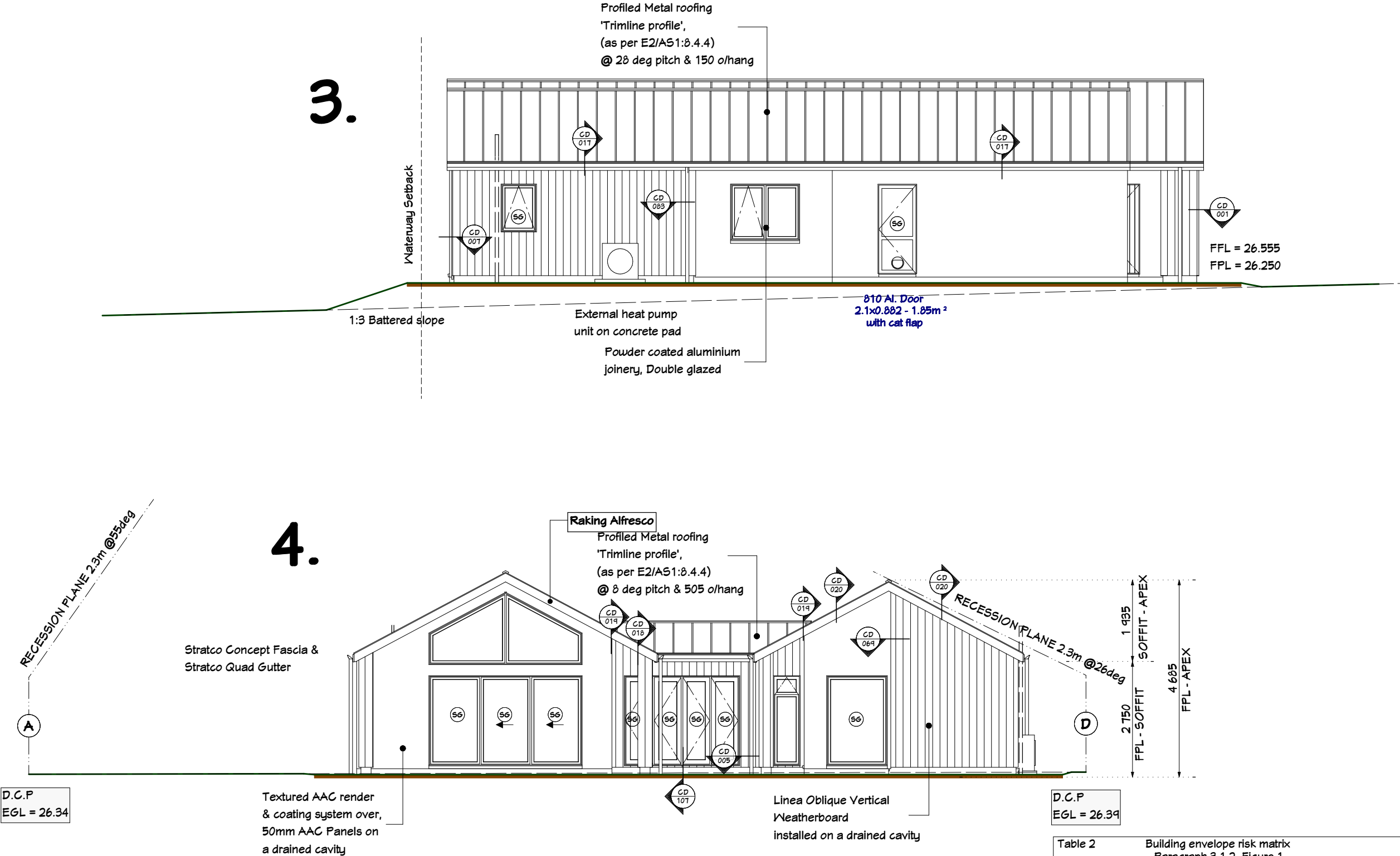



Table 2 Building envelope risk matrix Paragraph 3.1.2. Figure 1					
Risk factor	Risk Severity				Subtotals for each risk factor
	Low	Med	High	Very High	
Wind zone (per NZS 3604)	0	0	1	2	1
Number of storeys	0	1	2	4	0
Roof/wall intersection design	0	1	3	5	3
Eaves width	0	1	2	5	2
Envelope complexity	0	1	3	6	1
Deck Design	0	2	4	6	0
Total Risk Score					7

Excavation and foundation compaction to be in accordance with the geotechnical report accompanying the drawings. (ref page 1 for report)
Minimum Ultimate Bearing Capacity required for slab is: 200kPa
Extent of Platform beyond Foundation Edge: 1000mm
Dig out depth is: All topsoil (Approximate only to be confirmed on-site during excavation)
General Notes: All earthworks to be inspected by a qualified Geotech Engineer.



GOLDSTAR HOMES®

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(g) = Dimension to gutter/leave
● = Bubble Up Chamber
● = Type 1 sump
■ = Type 2 sump
▬ = Drainage channel
→ = Overland flow path
→ = Fall of paving

Onsite sediment control

- In accordance with TA's requirements.
- Access via stabilised entry/exit pad.
- Covered wind proof skip bin
- Site access, storage and construction should be controlled so that there is no adverse environmental effects.
- Temporary down pipes to be installed to control roof water run-off

CLIENT:

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TERRITORIAL AUTHORITY:

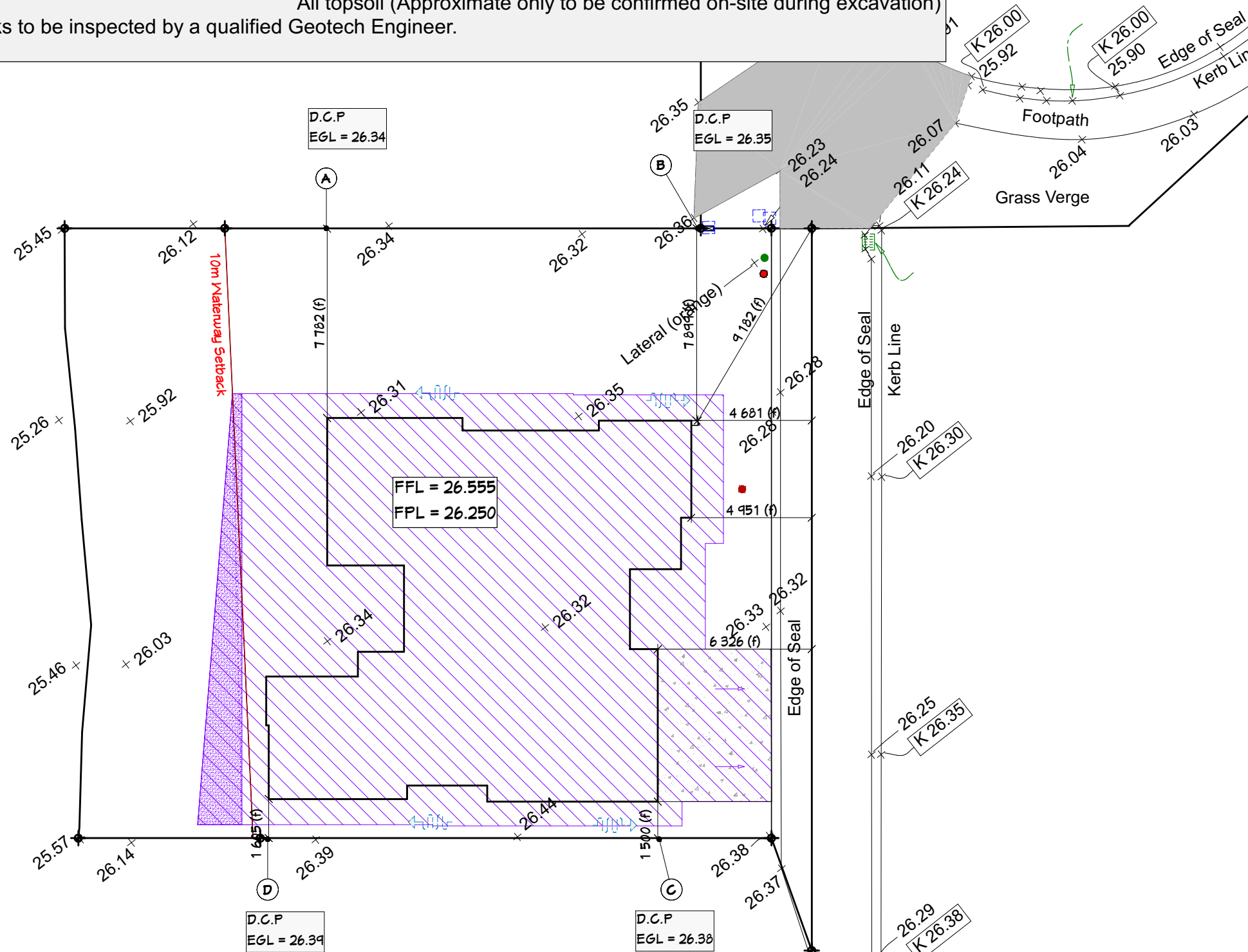
Christchurch City Council
Residential Suburban Zone

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Snowload:	1.0kPa

Site Works

JOB No: 97815	SALES: Sonja
LBP: C. Neame 101178	
DRAWN: Katherine	DATE: 25/10/2022
SCALE: 1:200	SHEET No. 5 OF 55



Key:

- Fill
- Fill Slope
- Cut
- Cut Slope

Total Fill

Area	= 377.9 m ²
Max depth	= 0.67 m
Volume	= 126.6 m ³

Volume and Depth is only approx. to form a Flat Site with Access, Calculations have not been made to accommodate Engineers requirements, and calculated as per following: Max depth (m) divided by 2 multiplied by the Area (m²).

Driveway

Area	= 28.5 m ²
Max depth	= 0.2m
Volume	= 2.9 m ³

Fill within the 10m waterway setback

Area	= 19.95 m ²
Max depth	= 0.67 m
Volume	= 6.7 m ³

Volume and Depth is only approx. to form a Flat Site with Access, Calculations have not been made to accommodate Engineers requirements, and calculated as per following: Max depth (m) divided by 2 multiplied by the Area (m²).

- All floor / platform levels to be confirmed on site prior to commencing foundations
- Depth and distance out from building footprint of the foundation hardfill, when required, is to be as stated in the Geotechnical Report used for Foundation Design. Ref page 1 for report.
- The actual ground conditions encountered during excavation for all consent related construction shall be monitored and verified, in writing, as similar to the conditions given in report(s) noted
- Any variations in conditions that could affect the consent related construction must be re-evaluated by a suitably qualified engineer and an updated report provided to DINEX for redesign of the affected construction.



LEGEND

- | | | | |
|--|-----------------------------------------------------------------------------------------|--|-----------------------------------------------------------|
| | SPONGE/ ROLLER FINISH CONCRETE - 1/2 SHOT BLACK OXIDE WITH 3 mm EXPANSION CUTS AS SHOWN | | PLANTED GARDEN |
| | EXPOSED AGGREGATE CONCRETE 1/2 SHOT BLACK OXIDE - 10 mm GROUTED DECORATIVE CUTS | | LANDSCAPE FEATURE ie SCULPTURE |
| | LAWN - H4 75 x 50 mm TIMBER EDGING | | 1800 mm HIGH VERTICAL TIMBER BATTEN FENCE |
| | SPECIMEN TREE | | 1200 mm HIGH VERTICAL TUBULAR FENCE |
| | | | 1800 mm HIGH TIMBER PALING FENCE & SHS GATE CLAD TO MATCH |

NOTE:
1. concept only
2. not for construction
3. all measurements tbc on site

LAWN WITH H4 75 x 50 mm TIMBER TO ALL EGES
NOT DEFINED BY HARD SURFACE

SPONGE FINISH COLOURED CONCRETE -
1/2 SHOT BLACK OXIDE WITH 3 mm
EXPANSION CUTS AS SHOWN

SELECTED LANDSCAPE FEATURE ie POT / SCULPTURE or
WINE BARRELL WITH SELECTED HERBS

SELECTED SPECIMEN TREES ie LEMON & LIME

SELECTED LANDSCAPE FEATURE ie 'BUILT IN'
TIMBER BENCH SEAT ON FREESTANDING TIMBER
POSTS

SPONGE FINISH COLOURED CONCRETE -
1/2 SHOT BLACK OXIDE WITH 3 mm
EXPANSION CUTS AS SHOWN

SELECTED HILLS 'FOLDING CLOTHESLINE'
ATTACHED TO FENCE

SELECTED ORNAMENTAL SPECIMEN TREES TO SCREEN
NEIGHBOURING PROPERTY

SELECTED LANDSCAPE FEATURE ie TIMBER BENCH SEAT
UNDER SELECTED FRUITING SPECIMEN TREES

LAWN WITH H4 75 x 50 mm TIMBER TO ALL EGES NOT
DEFINED BY HARD SURFACE

EXPOSED AGGREGATE CONCRETE - 1/2 SHOT BLACK
OXIDE WITH 3 mm EXPANSION CUTS AS SHOWN

1800 mm HIGH VERTICAL TIMBER BATTEN SCREEN WITH
SHS GATE CLAD TO MATCH

SELECTED ORNAMENTAL SPECIMEN TREE

LETTERBOX LOCATION

ASPHALT R.O.W

EXPOSED AGGREGATE CONCRETE - 1/2 SHOT BLACK
OXIDE WITH 3 mm EXPANSION CUTS AS SHOWN

SELECTED UPRIGHT SPECIMEN TREE

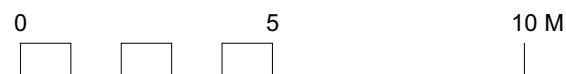
1800 mm HIGH SOLID TIMBER PALING FENCE WITH SHS
GATE CLAD TO MATCH

LEGEND

- SPONGE/ ROLLER FINISH CONCRETE - 1/2 SHOT BLACK
OXIDE WITH 3 mm EXPANSION CUTS AS SHOWN
- EXPOSED AGGREGATE CONCRETE 1/2 SHOT BLACK
OXIDE - 10 mm GROUTED DECORATIVE CUTS
- LAWN - H4 75 x 50 mm TIMBER EDGING
- SPECIMEN TREE

- PLANTED GARDEN
- LANDSCAPE FEATURE ie SCULPTURE
- 1800 mm HIGH VERTICAL TIMBER BATTEN FENCE
- 1200 mm HIGH VERTICAL TUBULAR FENCE
- 1800 mm HIGH TIMBER PALING FENCE & SHS GATE
CLAD TO MATCH

NOTE:
1. concept only
2. not for construction
3. all measurements tbc on site





PLANT SCHEDULE - WATERWAY SETBACK

Quantity	Latin Name	Common Name	Scheduled Size	Spacing
9	Blechnum minus	Swamp Kio Kio	RT	700
37	Carex virgata	Carex	RT	800
9	Coprosma propinqua	Mingimingi	2L	2000
13	Dianella intermedia 'Nigra'	Turutu	2L	600
4	Phormium tenax	Harakeke	RT	1500
6	Pseudopanax crassifolius	Toothed Lancewood	3L	0
0				0

NOTE:

1. concept only
2. not for construction
3. all measurements tbc on site
4. all plant material chosen from CCC streamside planting guide