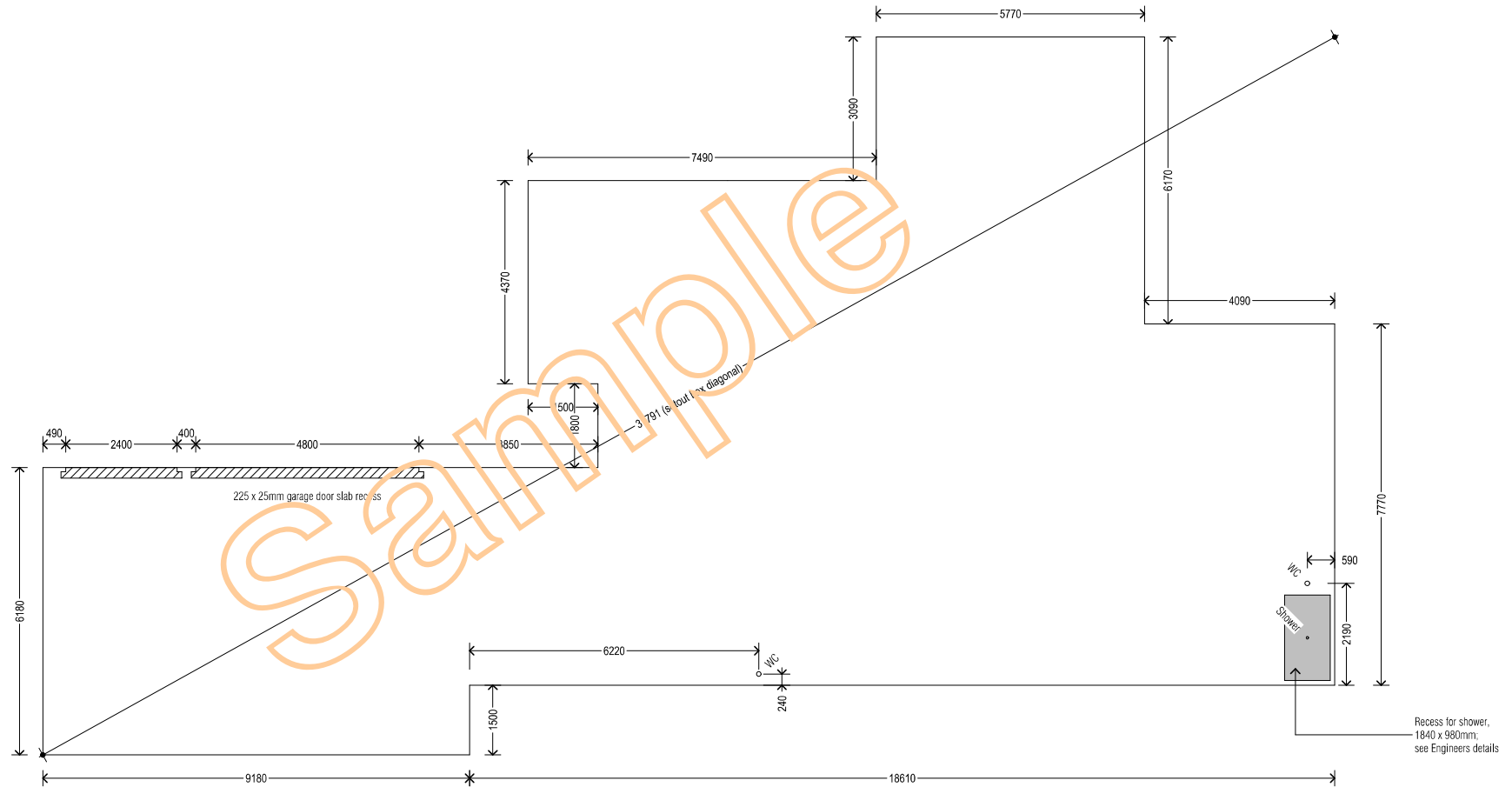


Proposed levels



Layouts:



Project: Proposed New Residence

Address:

Client:

Scales:

Date:

Status: BUILDING CONSENT

Drawing Title:

Foundation Plan

Job Number: 160203

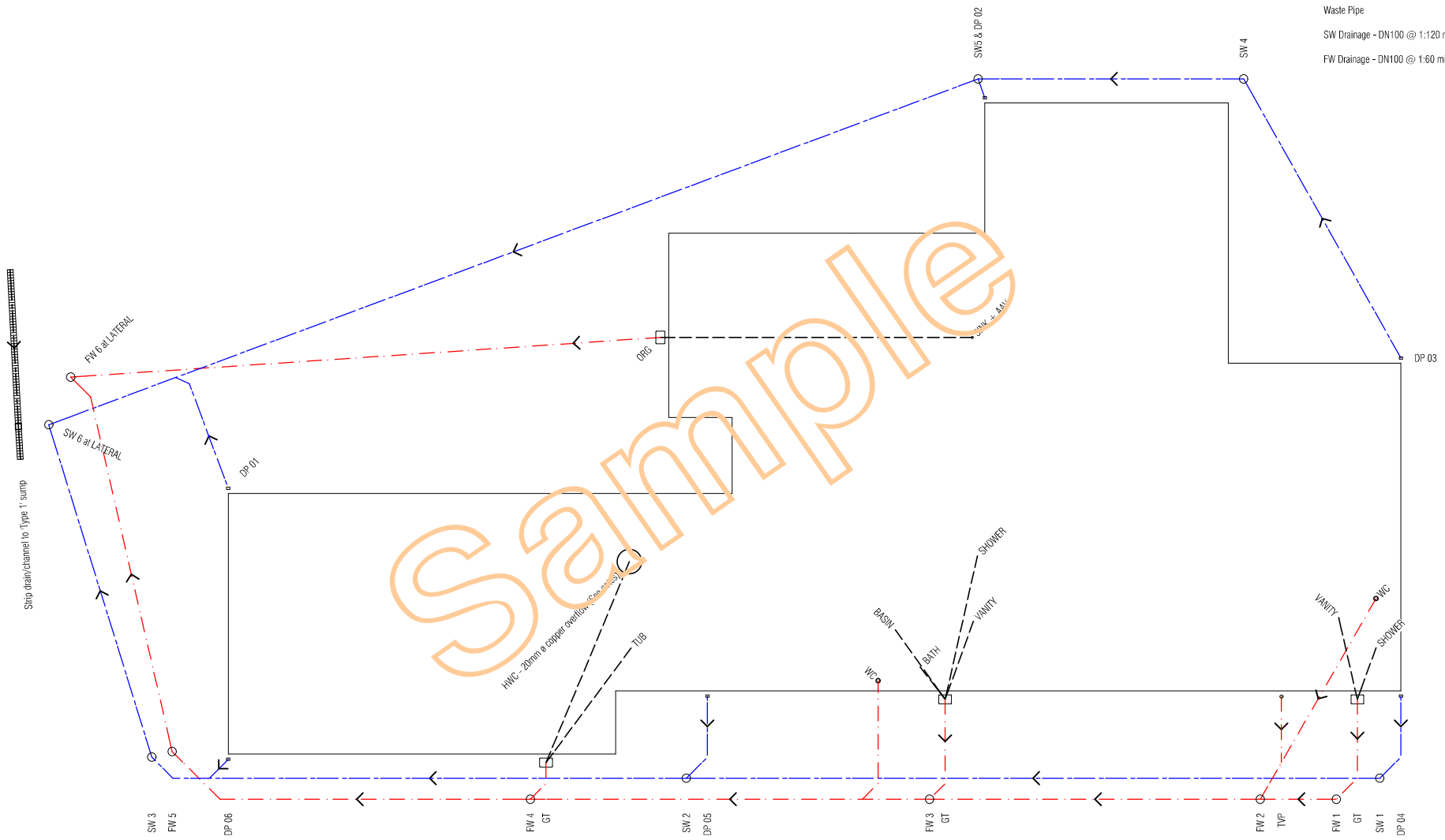
Drawing No:

Layouts:

TVP	-	Terminal Vent Pipe
FW #	-	Foul Water Access Point
SW #	-	Surface Water Access Point
AAV	-	Air Admittance Valve
GT	-	Gully Trap
ORG	-	Overflow Relief Gully
HWC	-	Hot Water Cylinder
DP	-	Rainwater Downpipe

TYPICAL KEY / LEGEND:

Waste Pipe	---
SW Drainage - DN100 @ 1:120 min.	---
FW Drainage - DN100 @ 1:60 min.	---



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4 Chatham Street
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Christchurch
8024
Tel: 022 021 8613

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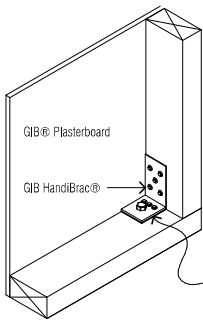
Drawing Title:

Drainage Plan

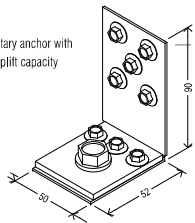
Job Number: 160203

Drawing No: Layouts:

BRACING CALCULATIONS														ALONG														ACROSS															
				Bracing Line		Bracing Elements Provided										Wind		Earthquake		Bracing Line		Bracing Elements Provided										Wind		Earthquake									
Location of Storey	Single	Floor Load	2/Pa	Line Label	Min BUs	Min BUs	Brace No.	Brace Type	Brace Length	Brace Angle	Brace Height	Rating BUs/m	BUs Achieved	BUs Achieved	Line Label	Min BUs	Min BUs	Brace No.	Brace Type	Brace Length	Brace Angle	Brace Height	Rating BUs/m	BUs Achieved	BUs Achieved	Line Label	Min BUs	Min BUs	Brace No.	Brace Type	Brace Length	Brace Angle	Brace Height	Rating BUs/m	BUs Achieved	BUs Achieved							
Floor Height to Apex	6.0 m	Roof Weight	Light																																								
Roof Height Above Eaves	4.0 m	Cladding Weights:		A	147	142	A1	EP1	1.1	0.0	2.6	120	122.1	135	137.4	M	232	232	M1	EP1	1.1	0.0	2.6	120	122.1	135	137.4	M2	GS1-N	2.4	0.0	2.6	70	156.9	60	134.5							
Roof Pitch	26 - 45°	- Subfloor	Concrete Floor	B	147	142	A2	GS1-N	1.0	0.0	2.6	50	46.7	55	51.4	N	220	118	N1	GS1-N	3.3	0.0	2.6	70	215.7	60	184.9	N2	EP1	0.5	0.0	2.6	120	54.9	135	61.8							
Roof Style	Hip	- Wall Cladding	Medium	C	355	355	B1	EP1	0.8	0.0	2.6	50	42.0	55	46.2	O	220	118	O1	EP1	0.7	0.0	2.6	120	77.3	135	87.0	O2	EP1	0.7	0.0	2.6	120	77.3	135	87.0							
Building Length (BL)	27.8 m	Building Width (BW)	15.4 m	D	417	417	B2	GS1-N	2.0	0.0	2.6	50	95.3	55	104.8	P	220	118	P1	EP1	0.5	0.0	2.6	120	54.9	135	61.8	P2	BL1-H	3.3	0.0	2.6	125	385.2	105	323.6							
Room in Roof Space	0	Wind Zone	High	E	417	417	B3	EP1	1.0	0.0	2.6	120	110.9	135	124.8	Q	232	232	Q1	EP1	1.7	0.0	2.6	120	190.5	135	214.3	Q2	GS1-N	1.4	0.0	2.6	70	92.2	60	79.0							
Soil Class	D - Deep or Soft	W along	95.0 BUs/m				C1	EP1	0.8	0.0	2.6	120	94.7	135	106.5	R	220	118	R1	EP1	0.5	0.0	2.6	120	54.9	135	61.8	R2	BL1-H	2.2	0.0	2.6	125	256.8	105	215.7							
Gross Plan Area (GPA)	253.4 m ²	W across	95.0 BUs/m				C2	GS1-N	2.0	0.0	2.6	50	95.3	55	104.8																												
Earthquake Zone	2	W along x BW	1466.8 BUs				C3	GS1-N	1.4	0.0	2.6	70	93.4	60	80.1																												
EQ	5.6 BUs/m ²	W across x BL	2640.0 BUs				C4	GS1-N	2.7	0.0	2.6	70	173.4	60	148.6																												
EQ x GPA	1419.1 BUs						D1	GS1-N	1.6	0.0	2.6	70	104.6	60	89.6																												
Calculations are based on NZS3604:2011														Totals Achieved: W 2001.7 E 2062.7										Totals Achieved: W 2707.2 E 2574.5										Totals Required: W 2640.0 E 1419.1									
														Totals Required: W 1466.8 E 1419.1																													

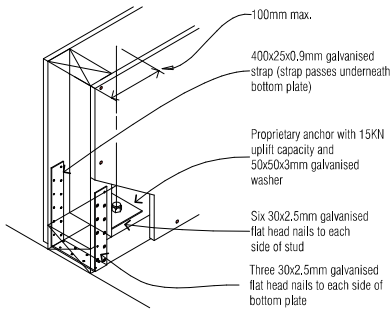


Proprietary anchor with 15KN uplift capacity

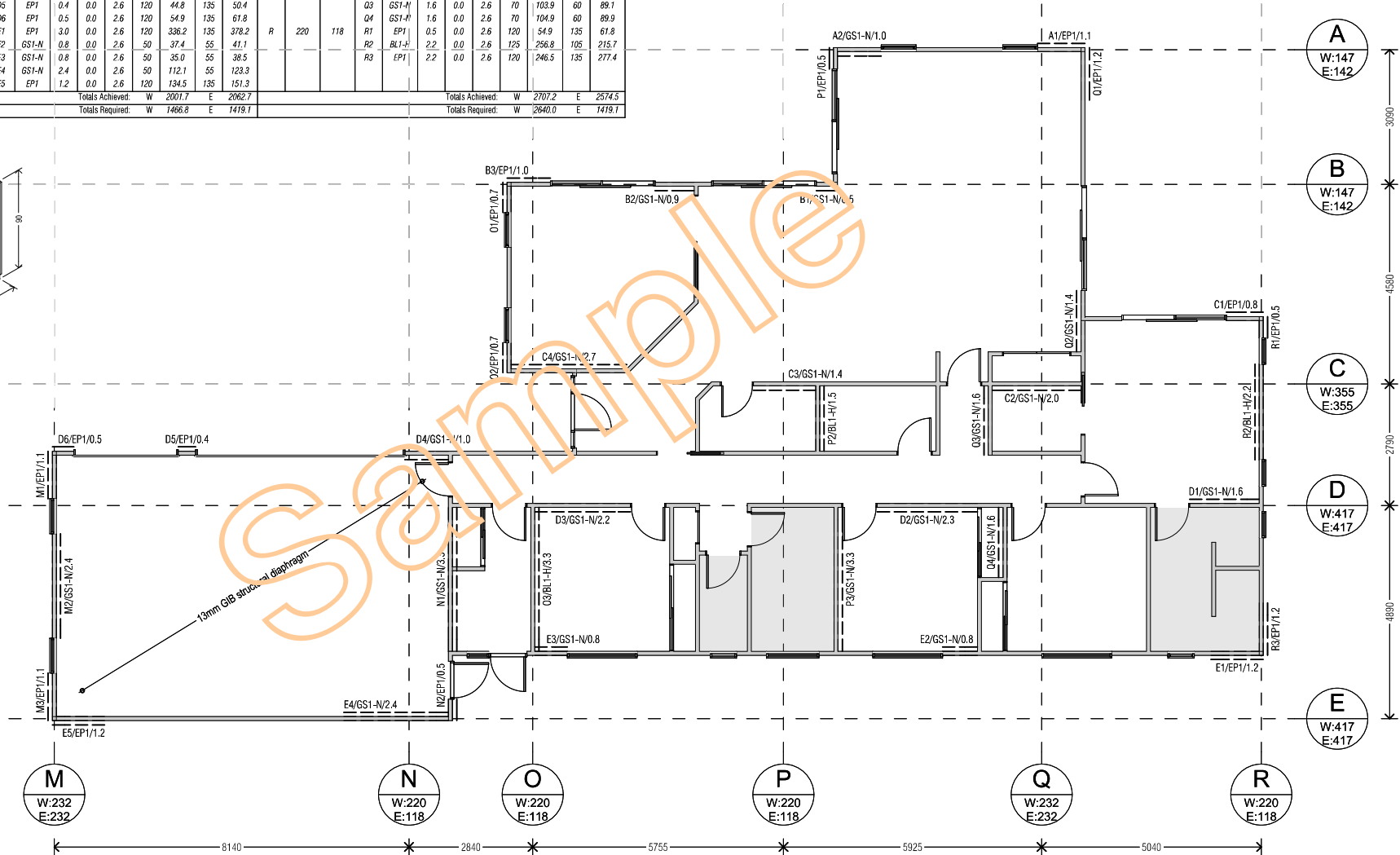


To maximise concrete edge distance, locate the GIB HandiBrac® flush with the inside face of the stud

External Wall / Concrete Slab



Hold Down Concrete Floor - External/Internal



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4 Chatham Street
Addington
Christchurch
8024
Tel: 022 021 8613

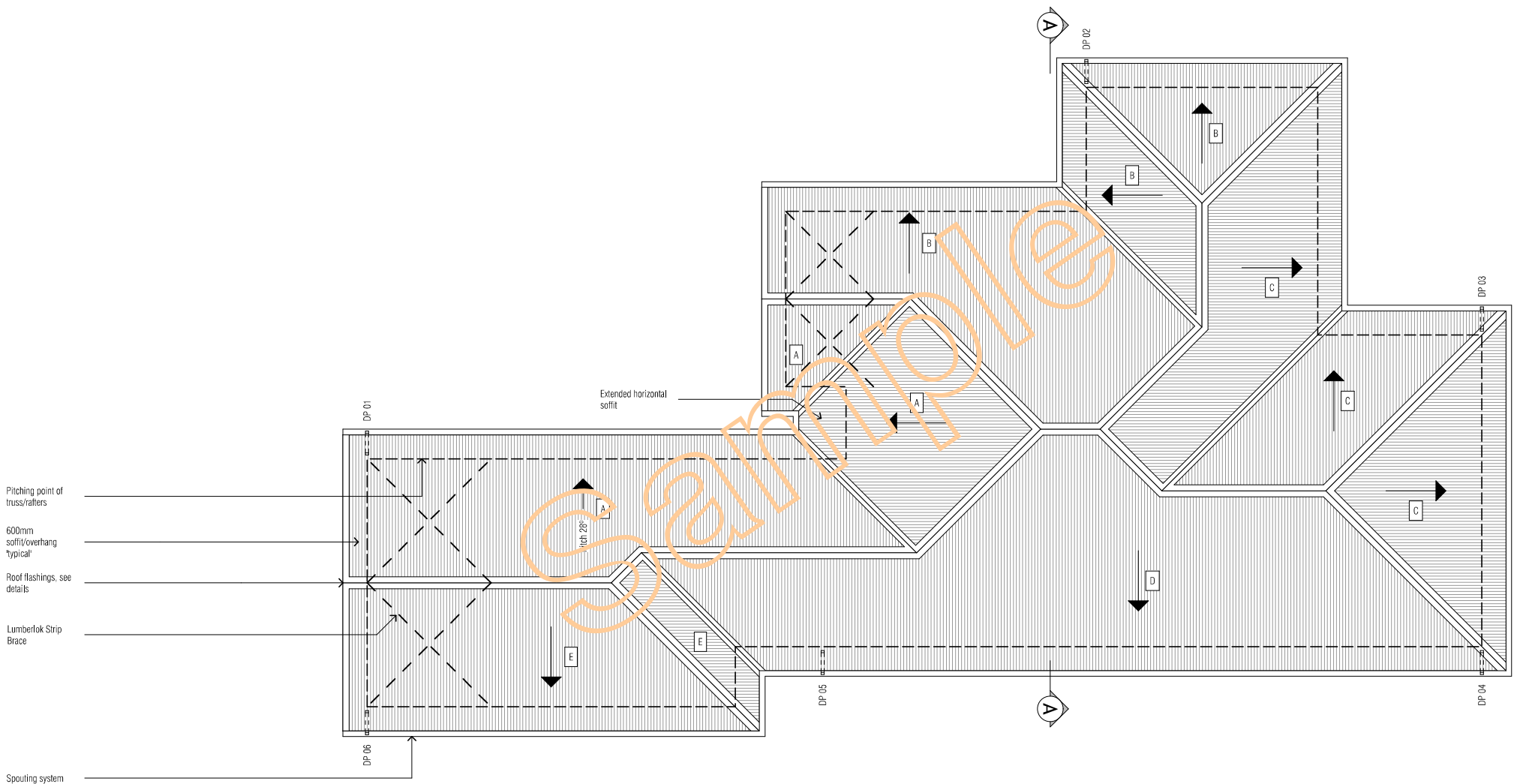
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Drawing Title:
Bracing Plan
Job Number: 160203

Drawing No: Layouts:

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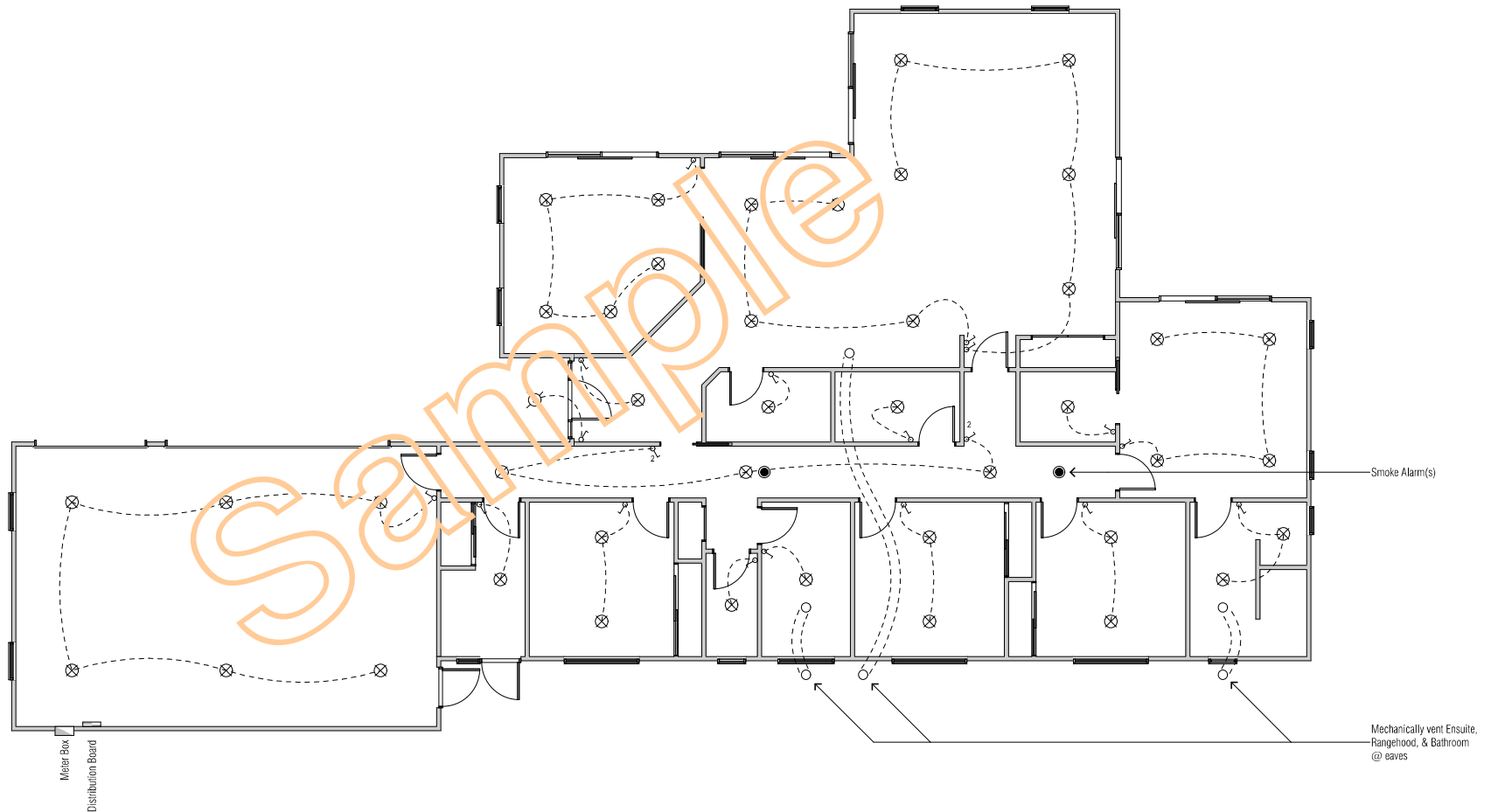
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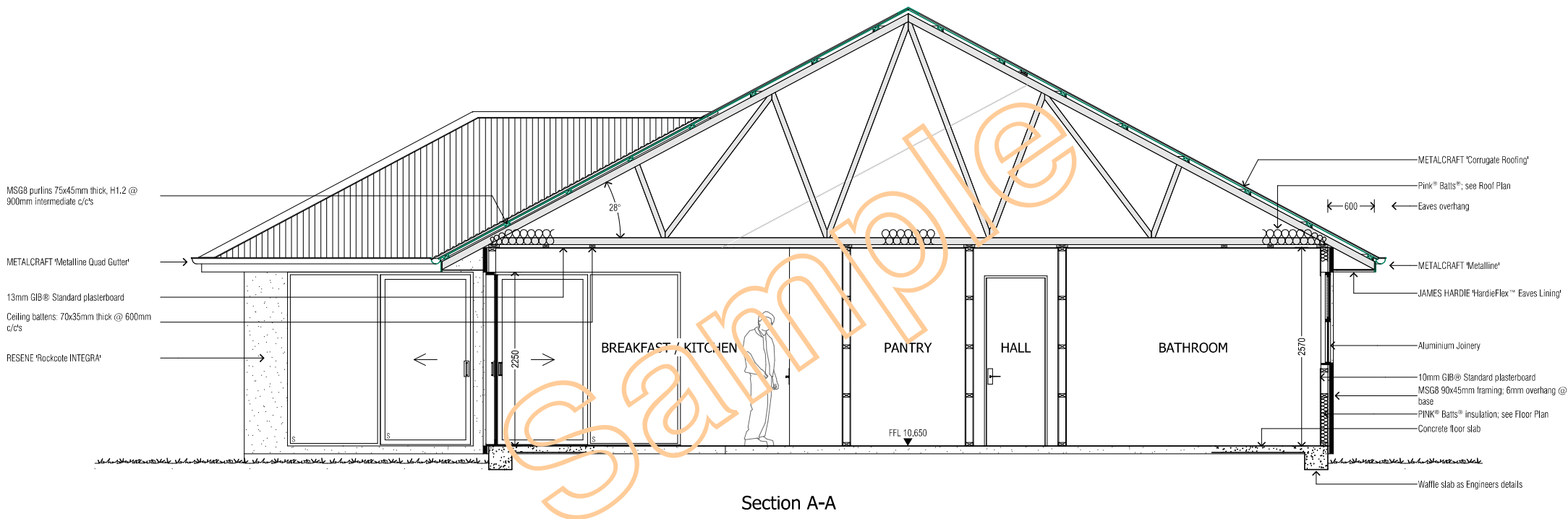
Drawing Title:

Roof Plan

Job Number: 160203

Drawing No: Layouts:





Project: Proposed New Residence

Address:

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Scales:

Date:

Status: BUILDING CONSENT

Drawing Title:

Section A-A

Job Number: 160203

Drawing No:

Layouts:

