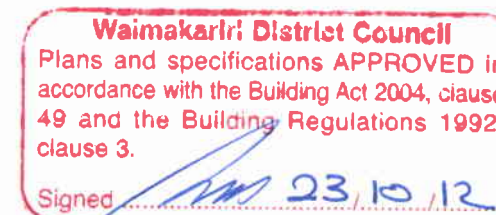


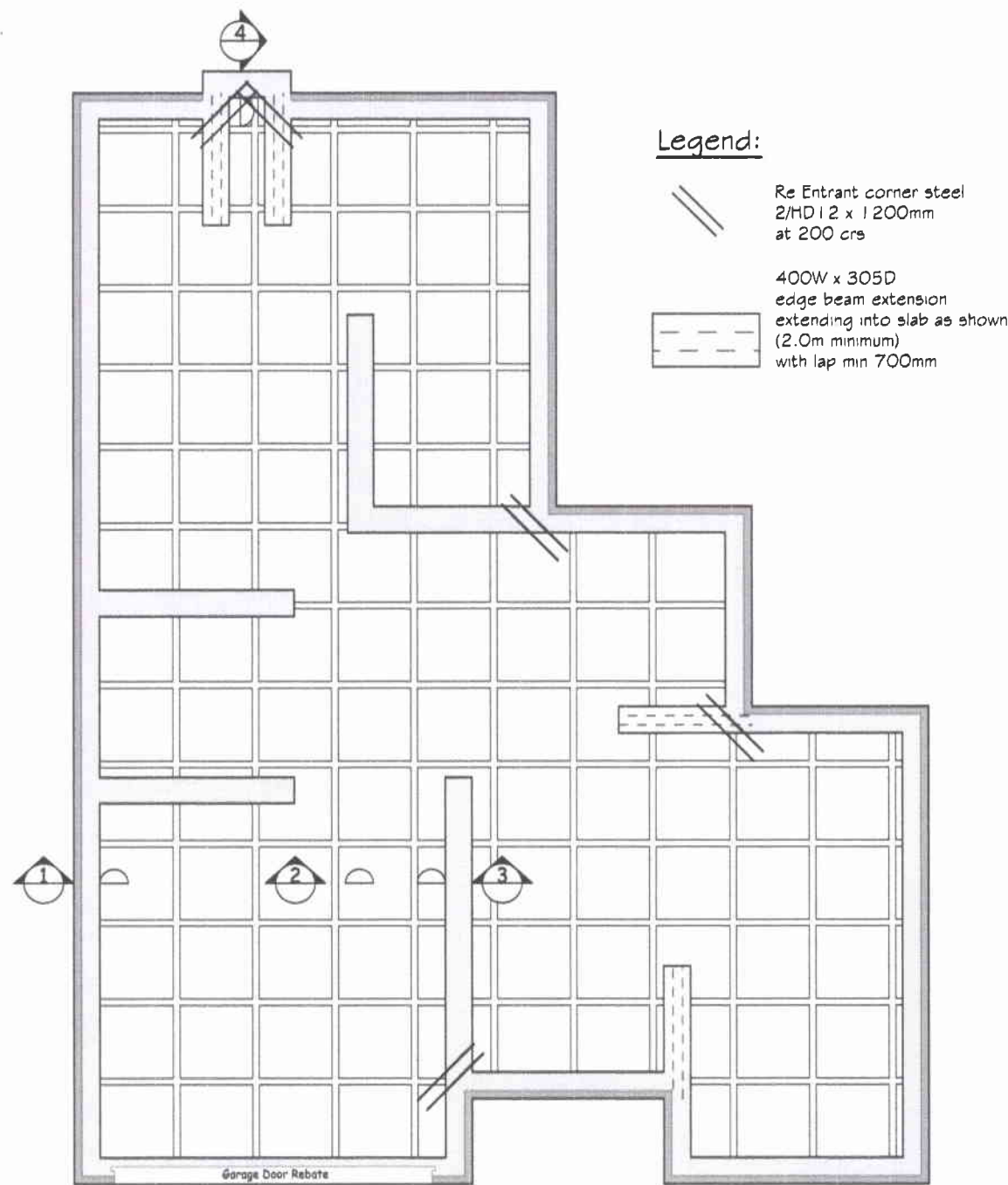


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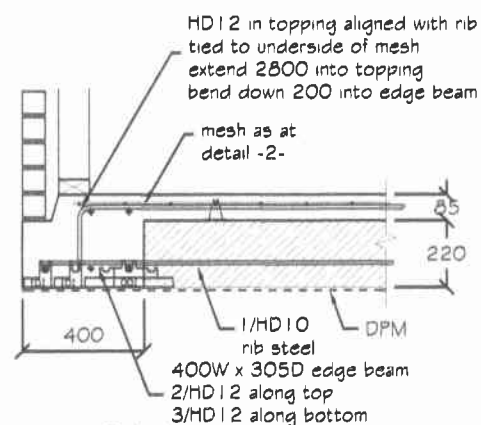
Drawing Schedule:
 Sheet 1 : Cover Sheet
 Sheet 2 : Site Plan
 Sheet 3 : Floor Plan
 Sheet 4 : Elevations
 Sheet 5 : Cross Section
 Sheet 6 : Timber Treatment
 Sheet 7 : Foundation Plan
 Sheet 8 : Drainage Plan
 Sheet 9 : Bracing Plan
 Sheet 10 : H1 Calculations
 Sheet 11 : Roof Plan
 Sheet 12 : Details
 Sheet 13 : Details
 Sheet 14 : Details

*Clients Name : Rebecca & Andrew Lloyd
 Address : Lot 473, DP 399553
 114 Pegasus Boulevard, Pegasus*



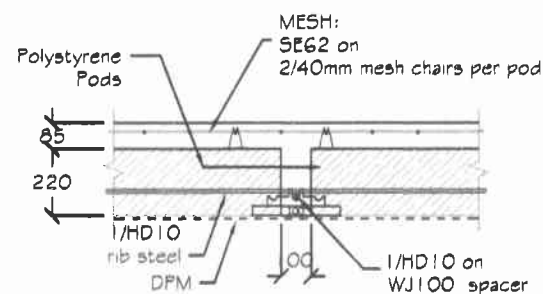
Ribraft Floor Plan

Scale 1:100



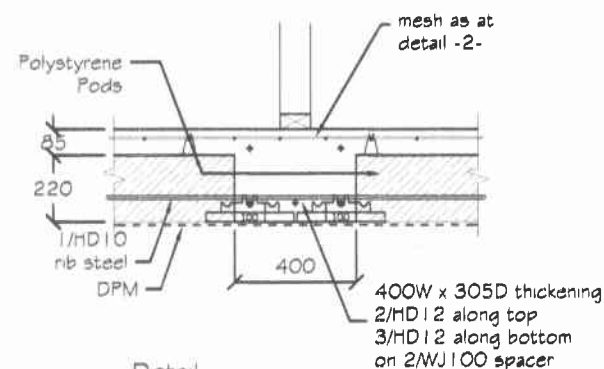
Detail

Raftfloor Edge Beam - 400
Scale 1:25



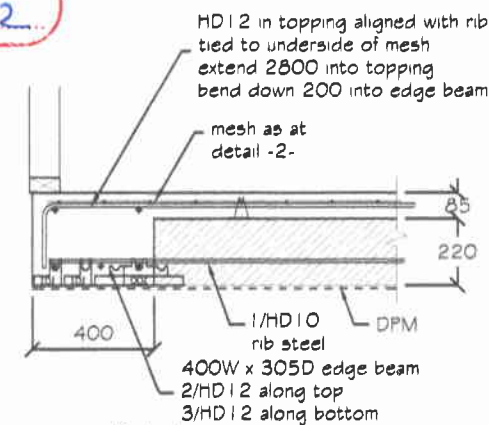
Detail

Raftfloor Internal Rib - 100
Scale 1:25



Detail

Raftfloor Internal Rib - 400
Scale 1:25



Detail

Raftfloor Edge Beam - 400
Scale 1:25

NOTE:

1. Check the building consent documentation for any inspections that are required by the "Building Consent Authority".

2. It is increasingly common for building consent authorities to require a "PS4" for specifically designed structures. For Wilton Joubert Ltd. to issue this, we need to inspect prior to concrete pour. Ring Wilton Joubert Ltd. local office to arrange a booking.

NO INSPECTION EQUALS NO PS4 ISSUED.

3. Design based on soils report/assessment

By: Elliot Sinclair and Partners Ltd.

Ref: 357901

Dated: 4-9-12

Specifically: Design based on all organic material removed and uniform soils across building platform with a minimum allowable bearing capacity of 67kPa, subject to engineer's confirmation.

4. To achieve recess for tiled shower or similar (if required), the polystyrene pods shall be reduced in thickness so as to maintain a consistent 85mm thick topping. Recess shall be trimmed with 1/HD12 all round.

5. An inspection following site cut/scrape and hardfill compaction is highly recommended, Ring Wilton Joubert Ltd. local office to arrange a booking.

6. Confirm position & depth of all soak pits on the site, prior to any works. If different to the site plan then Wilton Joubert Ltd. shall be contacted.

7. Unless noted otherwise all concrete shall be:

20MPa minimum with Firths '2019 EQ fibre mix' OR
25MPa with Firths '2519' EQ fibre mix' if within sea spray zone (if in doubt contact local BCA).

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Quantities of Spacers

(Quantities are approximate and to be used as a guide only)

Item	Qty.
WJ100 Centre Spacer	205
WJ101 Clip-on Spacer	111

NOTES:

Do not scale from Drawings. Refer Architectural Drawings for overall dimensions. To be read in conjunction with all other related documents.

Under no circumstances shall polystyrene spacers be used.

Where underfloor heating is installed, floor topping shall be increased to 110mm.

Polystyrene pods shall be 1100mm x 1100mm x 220mm.

All reinforcing steel is to be Ductility Class 'E', in accordance with NZS 4671

Revision Description Date

WILTON JOUBERT Ltd.

Northland: 021 401 388
Auckland-Waikato: 09 579 1114
Canterbury: 021 824 063
Southern Lakes: 021 494 586

new jobs & enquiries: jobs@wj1.co.nz
www.wiltonjoubert.co.nz

Job Title:

Proposed Residence
Lot 473 : DP 399553
114 Pegasus Boulevard
Pegasus Town

Sheet Title:

Ribraft Floor
Plan & Details

Author	AA	Drawn	TE
Checked	AW	Checked	TE
Scale	1:100 & 1:25	Scale	1:10-2012
Job #	30898	Rev	S1

100-100000-10

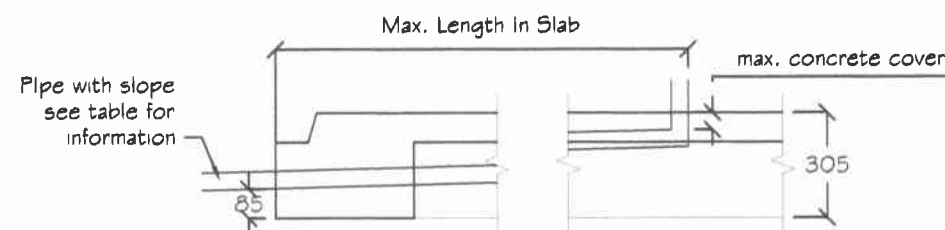
100-100000-10
100-100000-10
100-100000-10

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FEB 10 1965

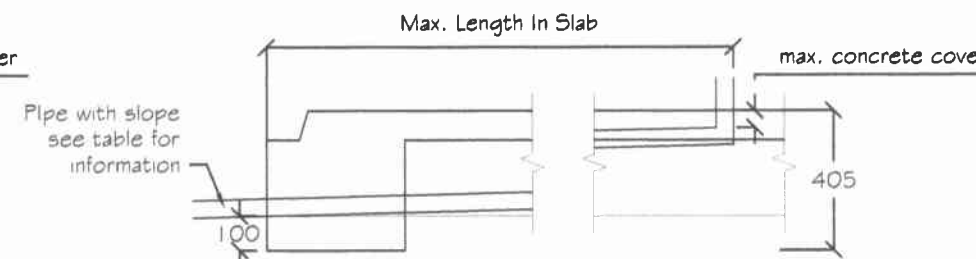
Maximum Horizontal Travel of Pipe

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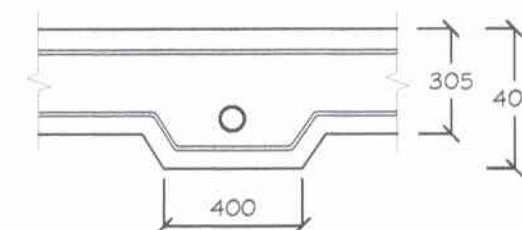
19 OCT 2012

 NOTE:
Minimum lapping length of 600mm for HD 12 bar if required


Detail 01: Pipe Within Floor Depth



Detail 02: Pipe Within Floor Depth - With Local Deepening Of Edge Beam

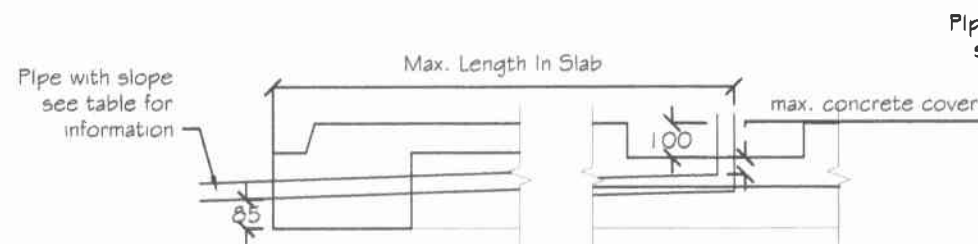

 Cross-Section For Detail 02:
Pipe Within Floor Depth - With Local Deepening Of Edge Beam

NOTES:

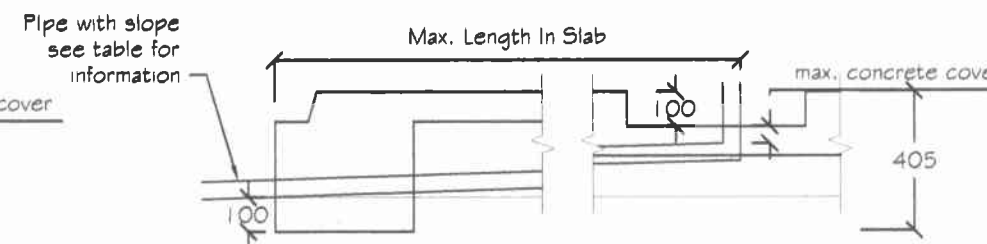
 Waimakariri District Council
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Signed: [Signature] 23/10/12

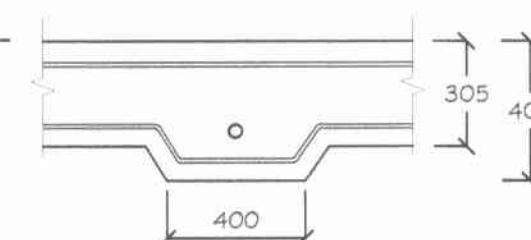
Maximum horizontal travel of pipe from shower recess (if required)



Detail 03: Pipe within floor depth



Detail 04: Pipe within floor depth - with local deepening of edge beam

 NOTE:
Minimum lapping length of 600mm for HD 12 bar if required

 Cross-section:
Within floor depth - with local deepening of edge beam

Option	Pipe Diameter		Slope	Max. Concrete Cover	Max. Length in Slab (mm)				
	Internal Ø	Approx. External Ø			Detail 01	Detail 02	Detail 03	Detail 04	Detail 05
	(mm)	(mm)		(mm)	(mm)	(mm)	(mm)	(mm)	—
A1	40	50	1:40	50	4800	8200	—	—	Depth to suite length of pipe
A2 (for shower recess)			1:40		—	—	800	4800	
A3			1:60		7200	12300	—	—	
A4	50	60	1:40		4400	7800	—	—	
A5	65	75	1:40		3800	7200	—	—	
A6	100	115	1:40	100	200	3600	—	—	

WILTON JOUBERT Ltd.

 Northland: 021 401388
Auckland-Waikato: 09 579 1114
Canterbury: 021 801984
Southern Lakes: 021 494586

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www.wiltonjoubert.co.nz

Job Title:

 Optional details for
pipes within the depth
of floor slab

Sheet Title:

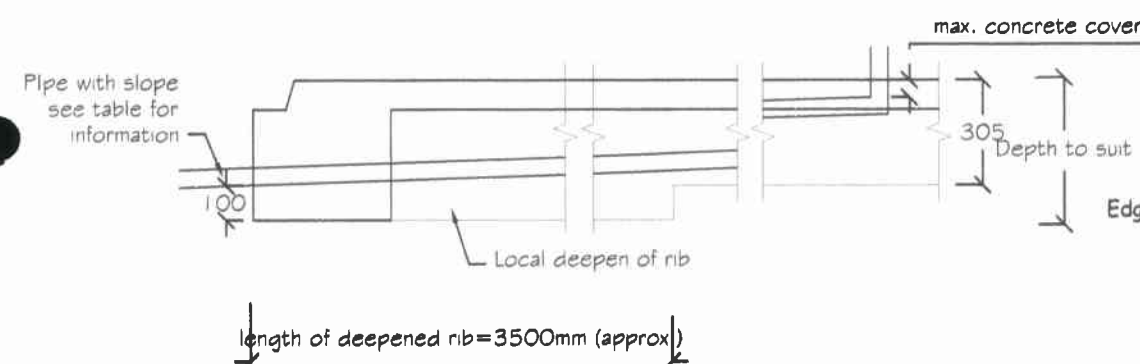
 In-floor Drainage
Pipe

Revised	AA	Draw	AA
Check	AW	Check	---
Scale	1:25	File	28-9-2012
Job # 30898			D1

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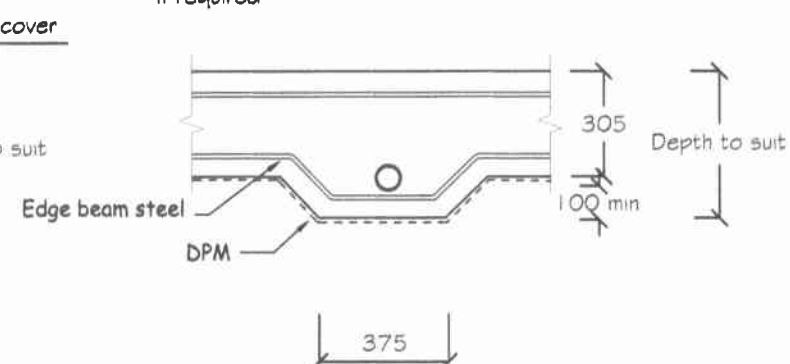
19 OCT 2012

BY:

For Pipe Travels Exceed Max. Length

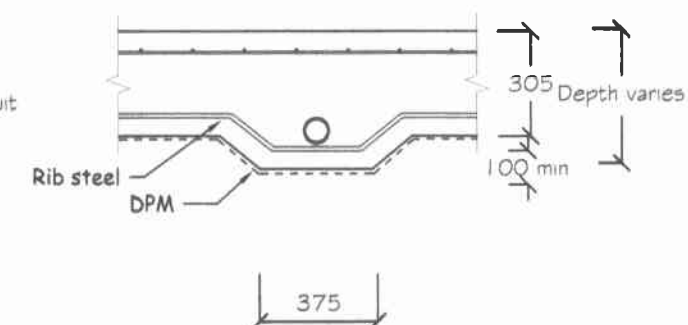
Detail 05: Pipe within floor depth -
with local deepening of edge beam

NOTE:
Minimum lapping length of 600mm for HD 12 bar
if required



Cross-section for detail 05:
Pipe within floor depth - with local
deepening of edge beam

NOTE:
Minimum lapping length of 600mm for HD 12 bar
if required



Cross-section for detail 05:
Pipe within floor depth - with local
deepening of slab and ribs

NOTES:

Revision	Description	Date

WILTON JOUBERT Ltd.

Northland: 021 401388
Auckland-Waikato: 09 579 1114
Canterbury: 021 801984
Southern Lakes: 021 494586

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www.wiltonjoubert.co.nz

Job Title:

Optional details for
pipes within the depth
of floor slab

Sheet Title:

In-floor Drainage
Pipe

Drawn: AA	Rev: AA
Check: AW	Rev: 1.1.1
Scale: 1:25	Date: 28-9-2012
Job # 30898	Drawn by: D2

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Plans and specifications APPROVED in
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clause 3.

Signed: *[Signature]* 23.10.12

Plan and details for
keeping pipes within slab
depth, unless otherwise
stated pipes are as per
Detail 1 on sheet D1

Local deepening of
edgebeam if recess
shower used refer
detail 4 option A2

Local deepening of
edgebeam for toilet
refer Detail 2 option A6

Local deepening of
edgebeam if recess
shower used refer
detail 4 option A2

Local deepening of
edgebeam for toilet
refer Detail 2 option A6

Local deepening of
edgebeam for
kitchen sink refer
Detail 5 option A4

Local deepening of
slab for kitchen sink
refer Detail 5 option A4

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LEGEND	
Sewer Pipe	
S/W Pipe	
Down Pipe	DP
Gully Trap	GT
Terminal Vent	TV
Vent	V
Inspection Point	IP
Air Admittance Valve	AAV

Drainage Schedule	NZBC G13	
(Drainage as per Schedule unless specified otherwise)		
Kitchen		
Sink:	Ø65mm @1:40	(3 discharge units)
Bathrooms		
Vanity:	Ø40mm @ 1:40	(1 discharge units per basin)
Shower:	Ø40mm @1:40	(2 discharge units)
Bath:	Ø40mm @1:40	(4 discharge units)
WC:	Ø100mm @1:40	(4 discharge units)
Laundry		
Sink:	Ø65mm @1:40 min	(5 discharge units)
Main Foulwater Drain	Ø100mm @1:60	
Stormwater Drain	Ø100mm @1:60 (1:120max)	
Terminal Vent	Ø80mm	
Vent	Ø50mm	
Heatpump	Drain over GT	
Hot water Cylinder	Drain over GT	
Services	To existing connections	



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Website: www.stonewood.co.nz

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Clients :
Rebecca & Andrew Lloyd
Address :
Lot 473, DP 399553
114 Pegasus Boulevard
Pegasus

Project Information
Roof: 25° Corrugated Colorsteel
Walls: Austral Big Face Brick
Feature: Linea Weatherboard

Wind Zone: High Earthquake: 2
Snow Region: N4 @ 10m
Durability Zone: C

~~Drainage Plan~~

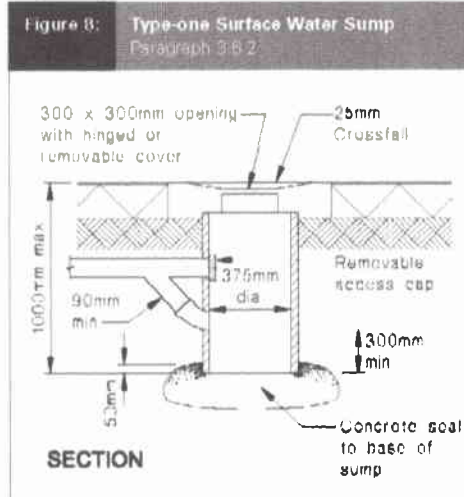
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06	K J	RM	8
	Scale: 1:125	Drawn: MG	
	Date: 14/09/2012		
Job Number:	120406		

Consent Plans

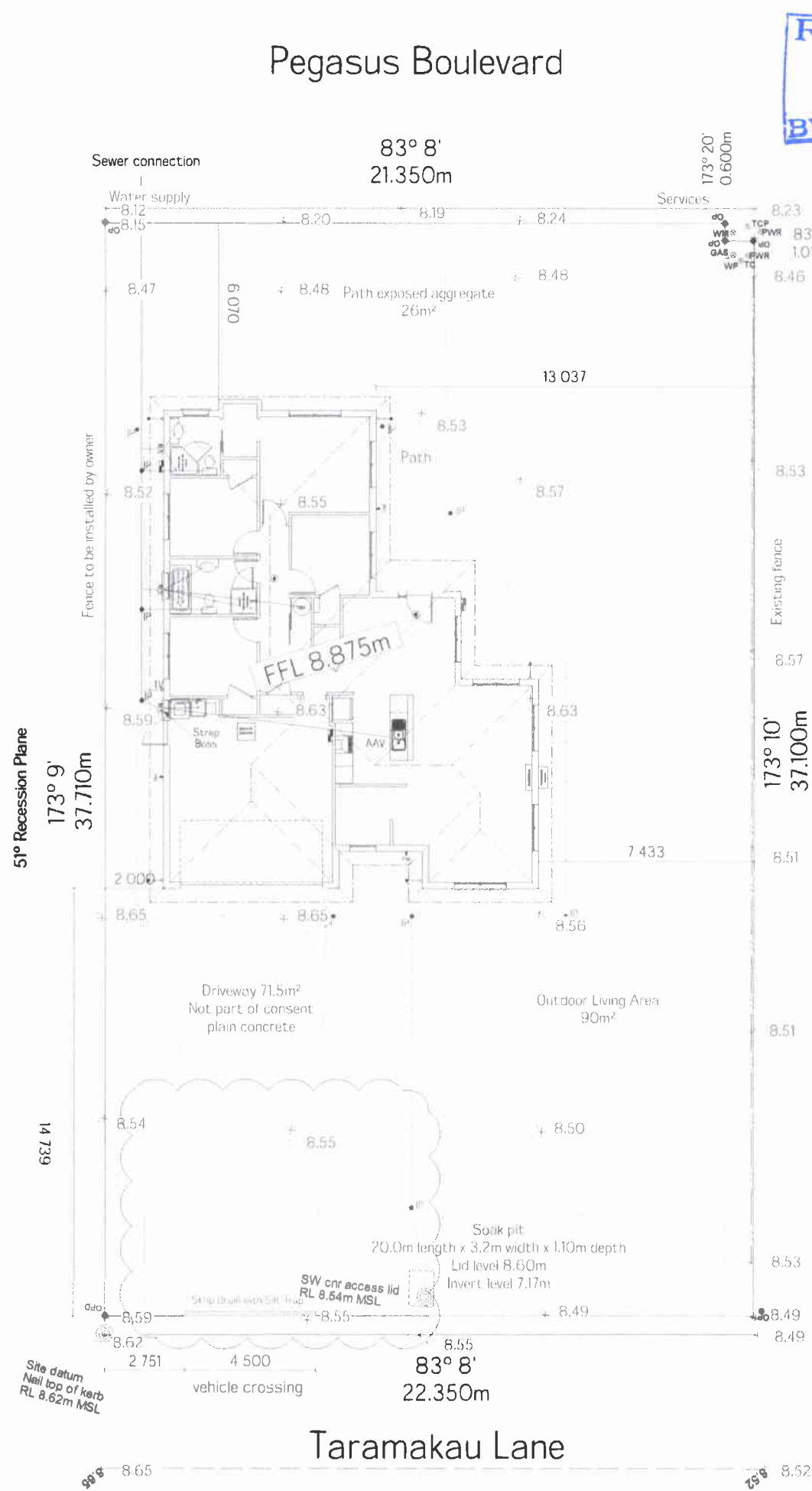
NB: THIS DRAINING
FORMS PART OF
WILTON LOUBERT
LTD'S DOCUMENTS.

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accordance with the Building Act 2004, clause
49 and the Building Regulations 1992,
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Signed: *[Signature]* 23.10.12

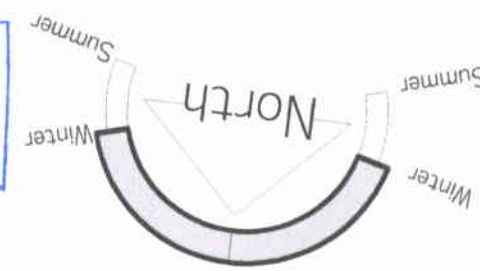
Soak pit
20.0m length x 3.2m width x 1.10m depth
Lid level 8.60m
Invert level 7.17m



Type 1 Sump



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Net Site Area = 842m²
Building Area = 167.23m²
(Includes covered areas)
Site Coverage = 19.86%

LEGEND:
Sewer Pipe — developed length: 25m
S/W Pipe — developed length: 75m
Down Pipe DP
Gully Trap GT
Terminal Vent TV

Sewer to discharge to existing connection.
Stormwater to discharge into existing soakpit.
Confirm exact locations onsite.

Convey surface water from sealed drive areas
to an appropriate approved outfall.

Driveway – Stabilized entry pad only.
(Finished Driveway & Sump by owner, Not
part of this Building Consent)

Refer to sediment control plan in
specification and implement where required.

Resource Consent Issues:
1/ No RC Issues known
2/

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Clients :
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Address :
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114 Pegasus Boulevard
Pegasus

Project Information
Roof: 25° Corrugated Colorsteel
Walls: Austral Big Face Brick
Feature: Linea Weatherboard

Wind Zone: High Earthquake: 2
Snow Region: N4 @ 10m
Durability Zone: C

Site Plan

Version	Sales. K J	QS RM	Sheet.
06	Scale: 1:200	Drawn: MG	2
Date: 12/10/2012			

Job
Number. 120406

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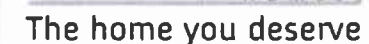
Notes:
 Dimensions shown are to the frame. GIB thickness not shown.
 Refer to Construction Schedule (Page 2 & 3 of Specification).
 Floor finishes
 Entry through external doors
 Mechanical ventilation
 Air Seals to have PEF rod & low expansion foam
 Gas Hob with Heat resistant splash back

AREA: 159.36m² O/F (Perimeter: 61.32m)
AREA: 167.23m² O/V (Perimeter: 62.22m)
AREA: 198.21m² Roof (Perimeter: 65.22m)

Refer to Electrical section of the specification for items relating to NZBC G8 & G9. Also refer to the "NZBC H1/AS1 Schedule Method" for the "R" Values of the insulation (Attached to the Specification).

Building Wrap - Ecoply Barrier refer to manufacturers specifications attached to the main specification!

Internal Doors: 1.98m
Type: Hollowcore MDF Flush Panel



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Clients :
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 114 Pegasus Boulevard
 Pegasus

Project Information
 Roof: 25° Corrugated Colorsteel
 Walls: Austral Big Face Brick
 Feature: Linea Weatherboard

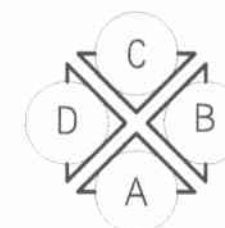
Wind Zone: High Earthquake: 2
Snow Region: N4 @ 10m
Durability Zone: C

Floor Plan

Version	Sales.	QS	Sheet.
06	KJ	BM	3
	Scale.	Drawn.	
	1:100	MG	
	Date:		
	12/10/2012		

Job Number. 120406

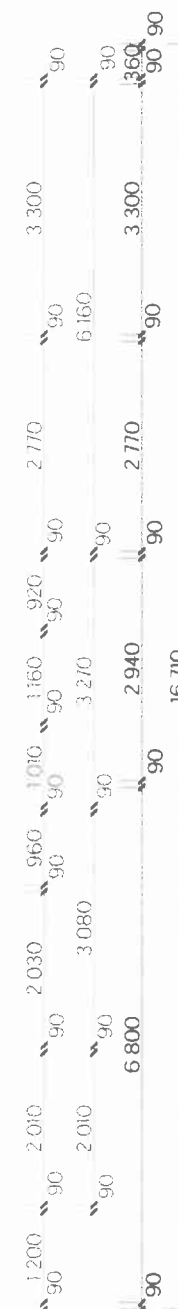
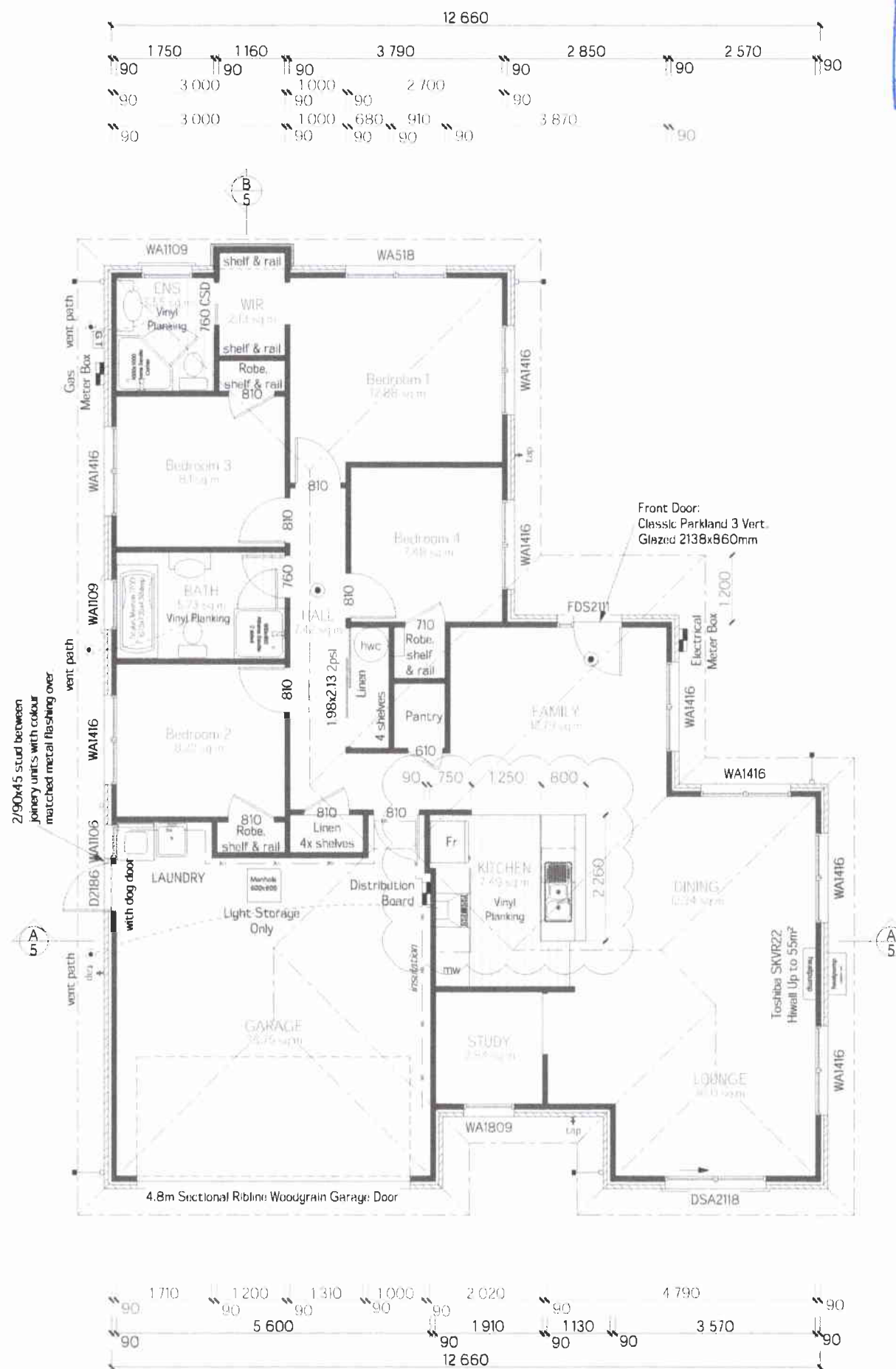
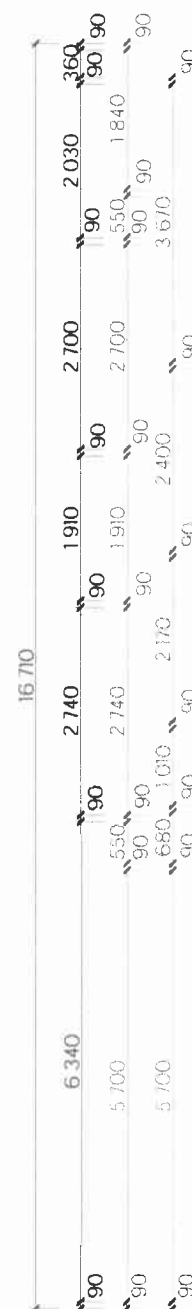
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Key To Elevations

DOOR SCHEDULE		QTY
1.98X2.13 2PSL		1
4.8M SECTIONAL RIBLINE WOODGRAIN GARAGE DOOR		1
610		1
710		1
760		1
760 CSD		1
810		8
D2186		1
FDS2111		1

WINDOW SCHEDULE	
LABEL	QTY
DSA2118	1
WA1106	1
WA1109	2
WA1416	8
WA1809	1
WA518	1



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Air Barrier to unlined wall and gables, refer to the Construction Schedule In the Specification for type.

This sheet to be read in conjunction with the Risk Matrix in specification.

Driveway to fall from 20mm max below garage rebates (By Others).

Key
SS: Security Stay
SG: Safety Glass



ELEVATION A



ELEVATION B

ELEVATION CELEVATION D

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Website: www.stonewood.co.nz

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Clients :

Rebecca & Andrew Lloyd

Address :

Lot 473, DP 399553

114 Pegasus Boulevard

Pegasus

Project Information

Roof: 25° Corrugated Colorsteel
Walls: Austral Big Face Brick
Feature: Linea Weatherboard

Wind Zone: High Earthquake: 2
Snow Region: N4 @ 10m
Durability Zone: C

Elevations

Version	Sales	QS	Sheet
06	KJ	BM	4
	Scale	Drawn	
	1:100	MG	
	Date:		
	12/10/2012		

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Refer to the Construction Schedule (Page 2 & 3) in the Specification for sizing of Building Elements.

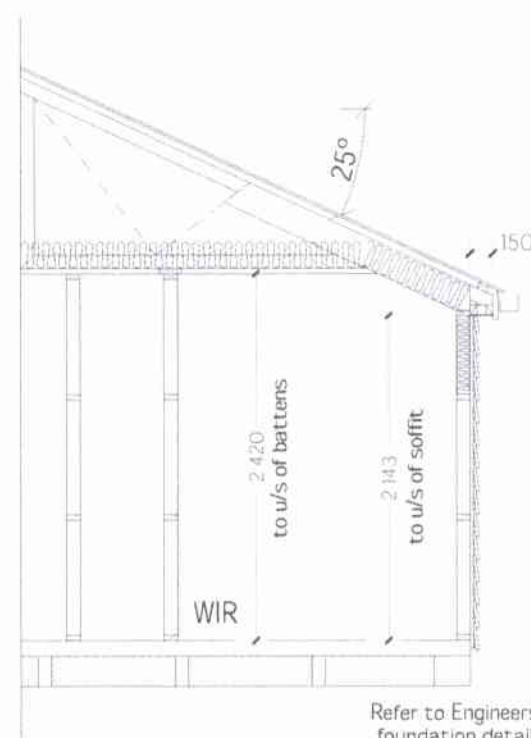
Refer to the NZBC H1/AS1 Schedule Method for the "R" Values of the Insulation (Attached to the Specification).



Refer to Engineers foundation detail

CROSS SECTION A-A

Refer to Engineers foundation detail



Refer to Engineers foundation detail

CROSS SECTION B-B

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Project Information
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Walls: Austral Big Face Brick
Feature: Linea Weatherboard

Wind Zone: High Earthquake: 2
Snow Region: N4 @ 10m
Durability Zone: C

Cross Section

Version	Sales	QS	Sheet
06	KJ	BM	5
	Scale: 1:50	Drawn: MG	
	Date: 12/10/2012		

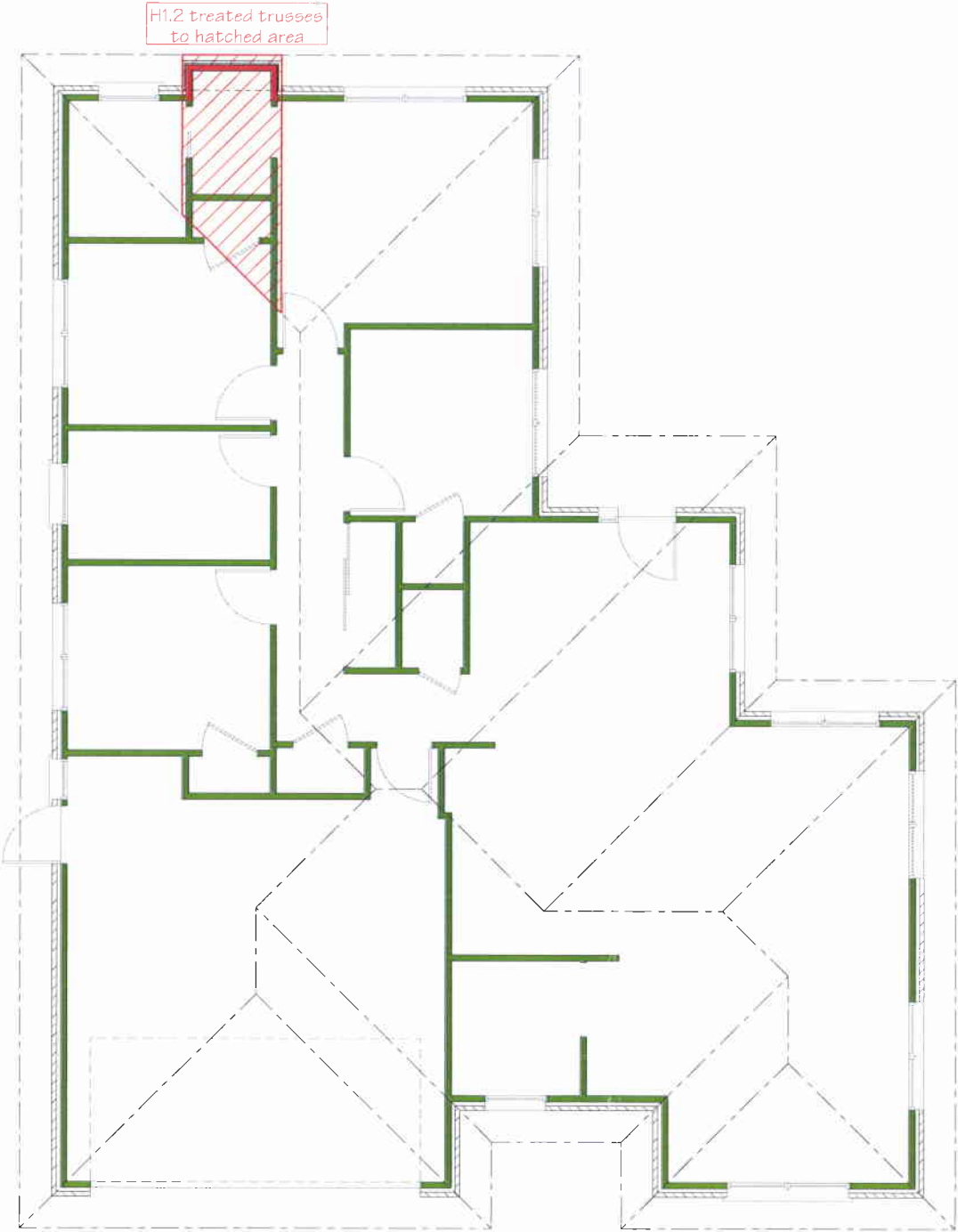
Job Number: **120406**

Consent Plans



THIS PLAN MUST BE PRODUCED IN COLOUR

ACCEPTABLE SOLUTION



Cavity Battens where used as part of a cladding system to be as per manufacturers specification.

Untreated Douglas Fir

H1.2 Boron Treated Douglas Fir

Waimakariri District Council
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Signed *[Signature]* 23/10/12



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114 Pegasus Boulevard
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Project Information
Roof: 25° Corrugated Colorsteel
Walls: Austral Big Face Brick
Feature: Linea Weatherboard

Wind Zone: High Earthquake: 2
Snow Region: N4 @ 10m
Durability Zone: C

Timber Treatment

Version	Sales	QS	Sheet
	K.J	BM	
06	Scale	Drawn	6
		MG	
	Date:		
	14/09/2012		

Job Number. 120406

Consent Plans

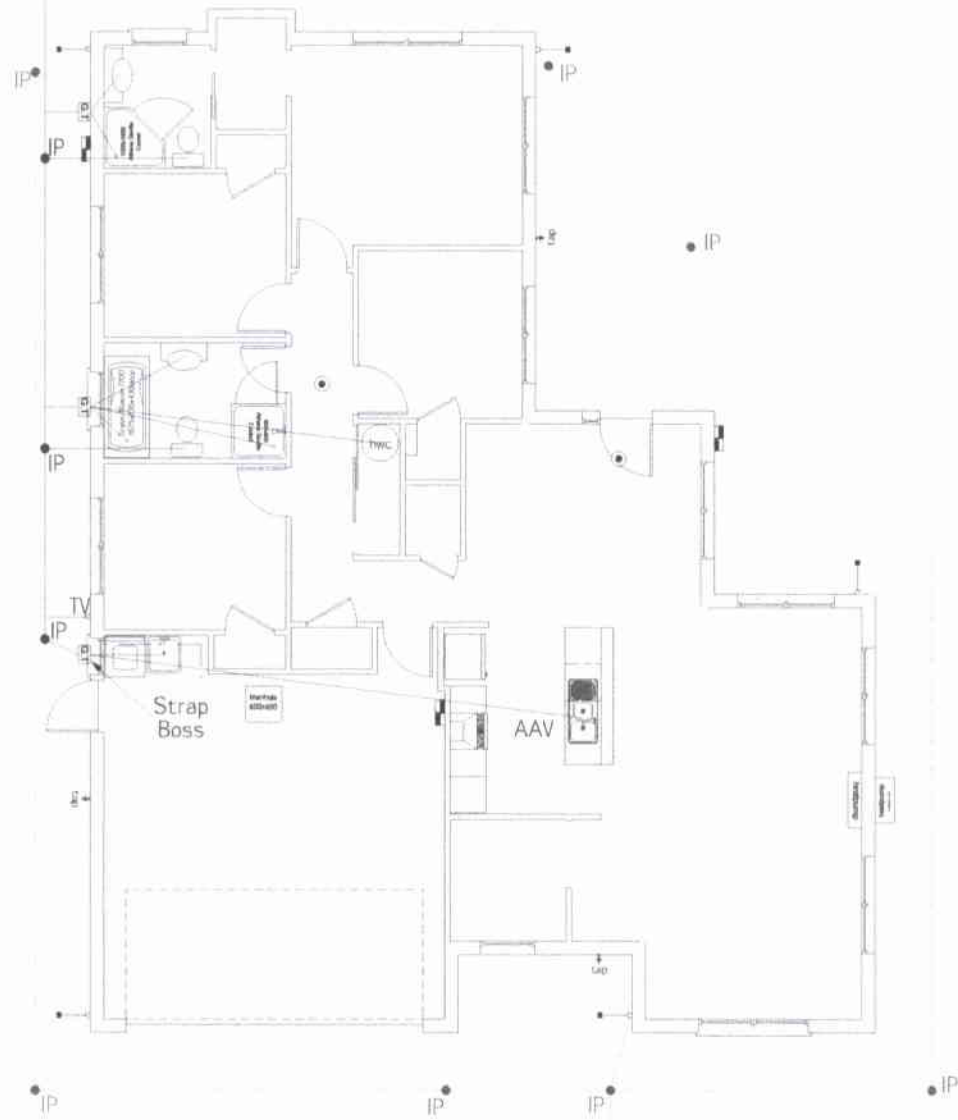
BY:

Job Number. 120406

Consent Plans

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LEGEND	
Sewer Pipe	---
S/W Pipe	----
Down Pipe	DP
Gully Trap	GT
Terminal Vent	TV
Vent	V
Inspection Point	IP
Air Admittance Valve	AAV



Drainage Schedule NZBC G13		
(Drainage as per Schedule unless specified otherwise)		
Kitchen		
Sink:	Ø65mm @1:40	(3 discharge units)
Bathrooms		
Vanity:	Ø40mm @1:40	(1 discharge units per basin)
Shower:	Ø40mm @1:40	(2 discharge units)
Bath:	Ø40mm @1:40	(4 discharge units)
WC:	Ø100mm @1:40	(4 discharge units)
Laundry		
Sink:	Ø65mm @1:40 min	(5 discharge units)
Main Foulwater Drain	Ø100mm @1:60	
Stormwater Drain	Ø100mm @1:60 (1:120max)	
Terminal Vent	Ø80mm	
Vent	Ø50mm	
Heatpump	Drain over GT	
Hot water Cylinder	Drain over GT	
Services	To existing connections	

Waimakariri District Council
Plans and specifications APPROVED in accordance with the Building Act 2004, clause 49 and the Building Regulations 1992, clause 3.
Signed *[Signature]* 23/10/12



STONEWOOD HOMES

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114 Pegasus Boulevard
Pegasus

Project Information
Roof: 25° Corrugated Colorsteel
Walls: Austral Big Face Brick
Feature: Linea Weatherboard
Wind Zone: High Earthquake: 2
Snow Region: N4 @ 10m
Durability Zone: C

Drainage Plan			
Version	Sales. KJ	QS BM	Sheet.
06	Scale. 1:125	Drawn. MG	8
Date: 12/10/2012		Job Number. 120406	

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Soak pit
20.0m length x 3.2m width x 1.10m depth
Lid level 8.60m
Invert level 7.17m

Strip Drain with Silt Trap

BY:

H1 Plan to be read in conjunction with supplementary H1 calculations on the draughting worksheets attached to the specification.



Signed  23/10/12



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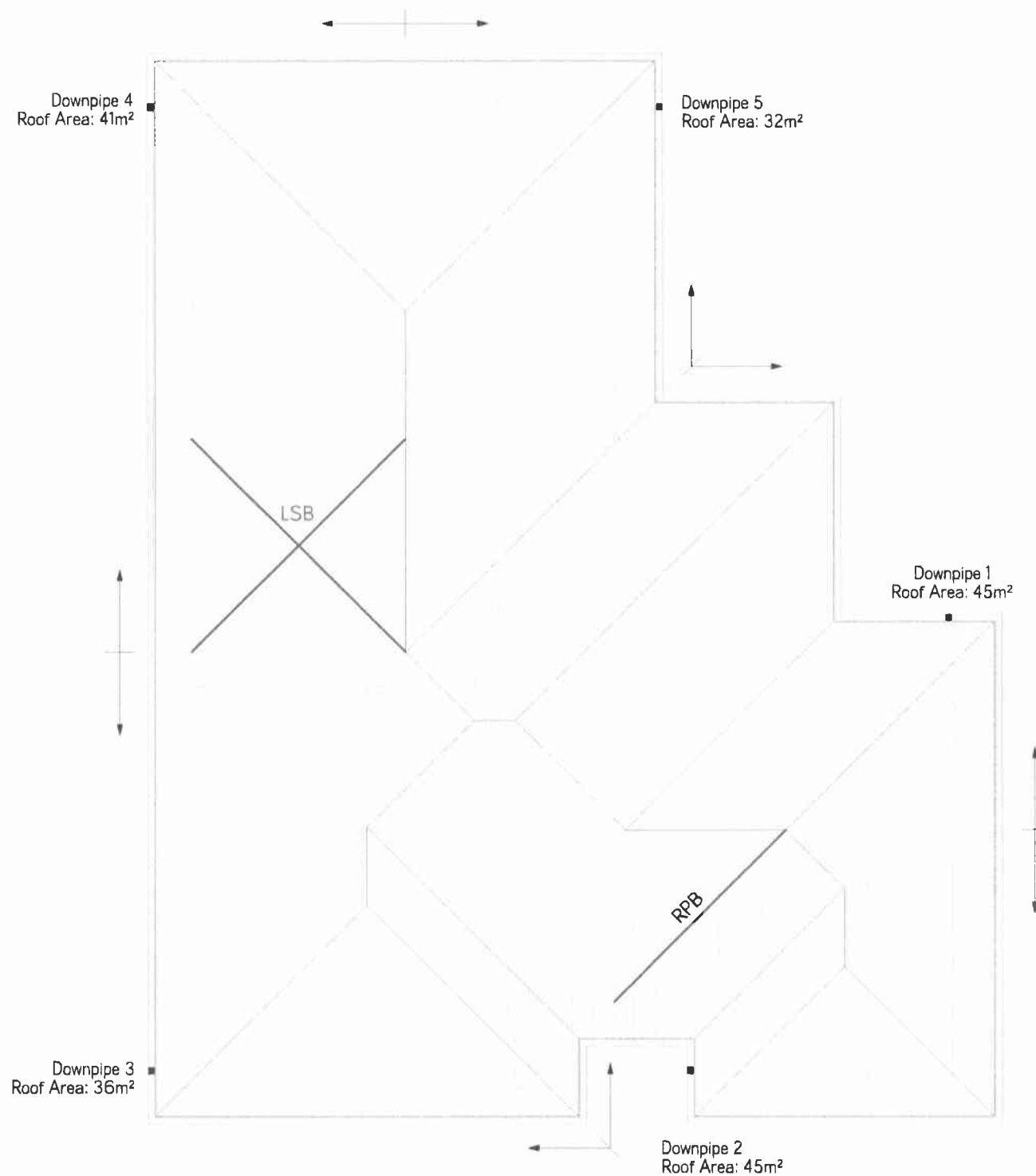
121906



Refer to the Construction Schedule (Page 2 & 3) in the Specification and the manufacturer's specification attached for the gutter and down pipe rainfall catchment area calculations.

RPB - Roof Plane Bracing as per NZS:3604 (Figure: 10.22)

LSB - Lumberlok Strip bracing as per Lumberlok Roof Bracing Specification



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Roof Plan

Version	Sales K J	QS BM	Sheet.
06	Scale. 1:100	Drawn. MG	11
Date: 12/10/2012			

Job Number. **120406**

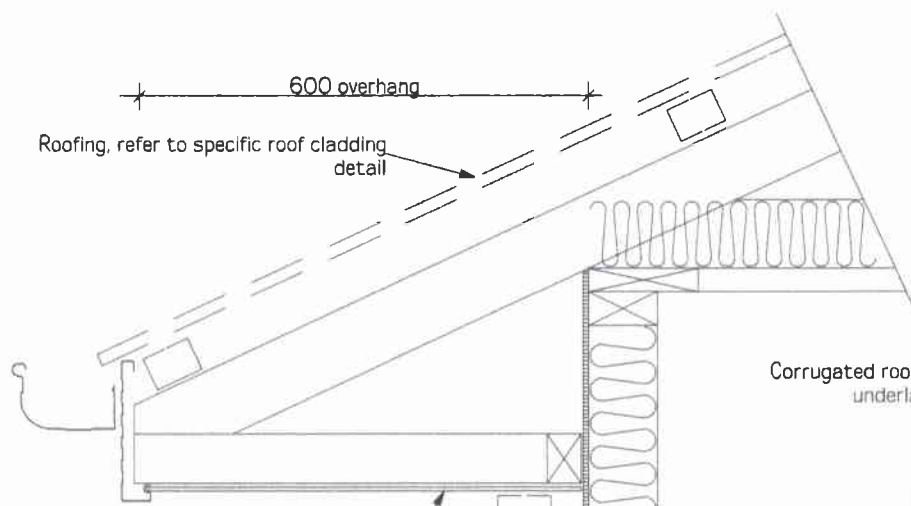
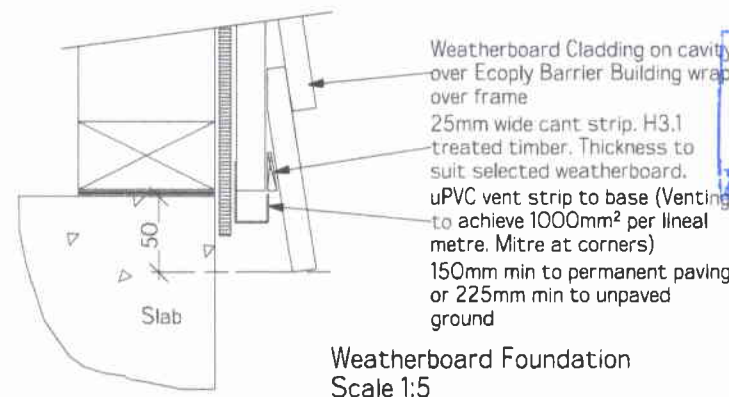
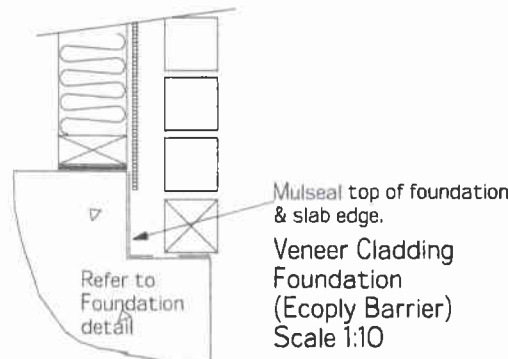
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Lumberlok Bottom Plate Fixing Anchors as per manufacturer's specifications @ 900mm crs on all external walls and within 150mm of each end of the plate. 75mmx4mmØ shot fired fasteners @ 600mm crs and within 150mm of each end of the bottom plate to interior load bearing walls. DPC between bottom plate & floor slab

Refer to specific Foundation detail

7.5mm H3.1 Ecoply Barrier (Building Wrap) to be fixed to the studs with nails. Studs spacings, dwangs and fixings as per specification.

Exterior stud framing to slab (Ecoply Barrier)
Scale 1:20



NOTE!
CAVITY MUST NOT BE ALLOWED TO VENT INTO ROOF SPACE

Soffit lining
Blocking as required for cladding fixing
Weatherboard on cavity battens over Ecoply Barrier Building wrap over frame

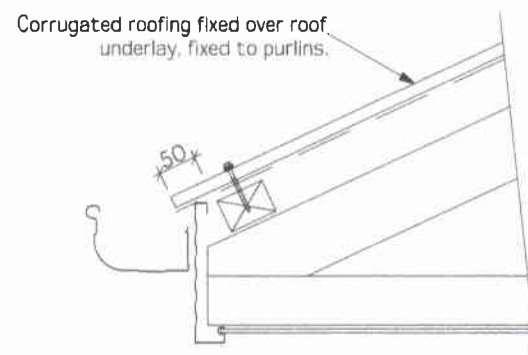
Weatherboard soffit detail
Scale 1:5

4.5mm Hardiflex soffit lining :
70 Series brick veneer fixed to stud framing via "Lumberlok Screw Tie" brick ties @ 300mm crs vertically & stud centres horizontally, weep holes to perp ends of top course @ 800crs max
Ecoply Barrier building wrap fixed to framing.

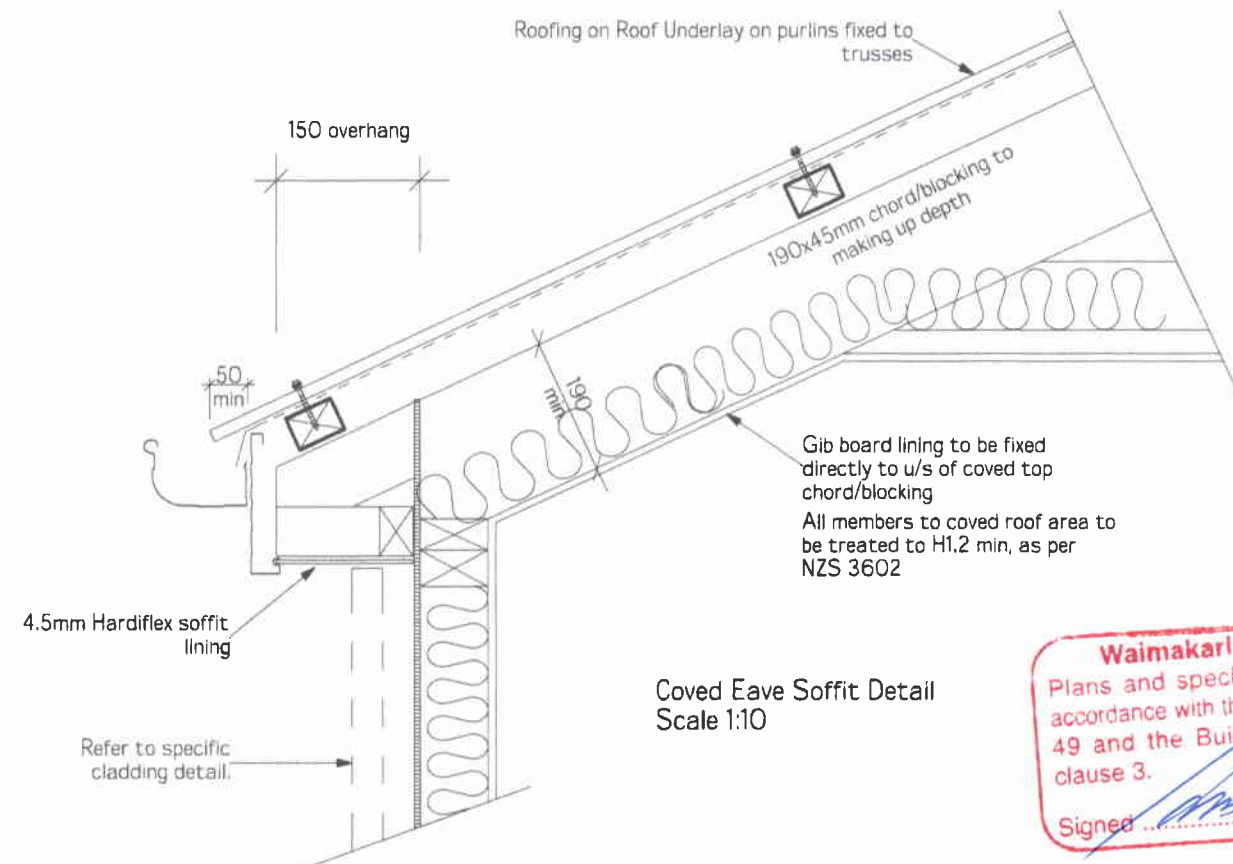
Brick Eave Soffit Detail
Scale 1:10

Fibre cement sheet as soffit lining. Refer to specific cladding to soffit detail
Cladding with cavity over Ecoply Barrier Building wrap over frame

Eave Soffit Detail
Scale 1:10

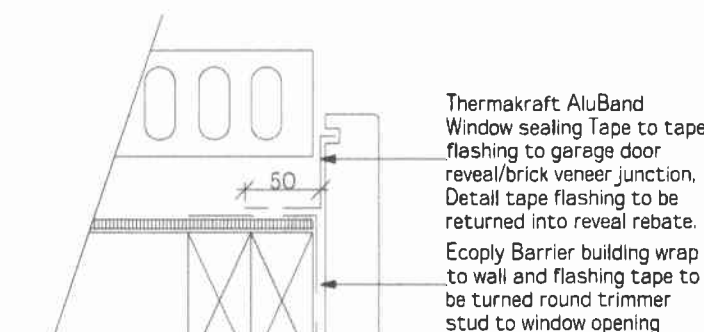


Eave Soffit Detail
Scale 1:10



Ecoply Barrier building wrap to wall and flexible flashing tape to head
Sealant bead between aluminium joinery and u/s soffit lining
H3.1 timber bead to window & door heads.

Garage Door Head to Soffit Detail
Scale 1:5



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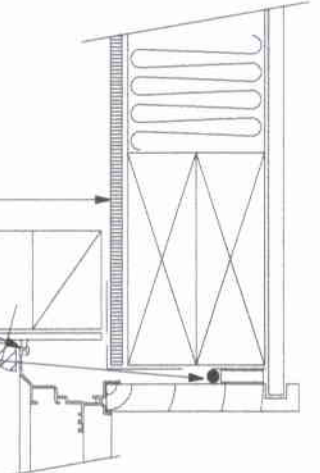
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Version	Sales	QS	Sheet.
06	KJ	BM	12
	Scale	Drawn	
	Varies	MG	
	Date:		
	12/10/2012		
Job Number.	120406		

Layout Template Version 12/01

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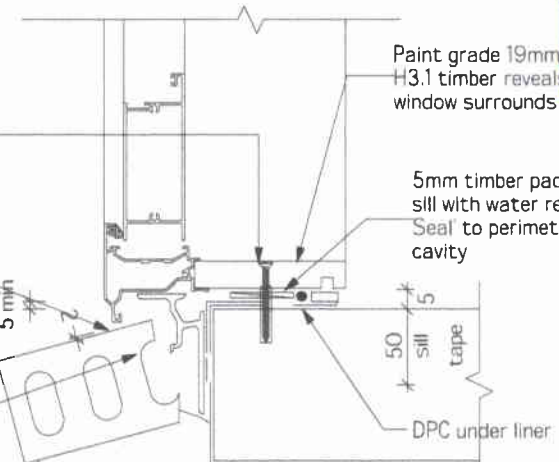
Ecoply Barrier building wrap to wall and flexible flashing tape to head
Sealant bead between aluminium joinery and u/s soffit lining
Low Expansion foam sealant & pef rod to form air seal between reveal & lintel
H3.1 timber bead to window & door heads.



Window Head to Soffit Detail
Scale 1:5

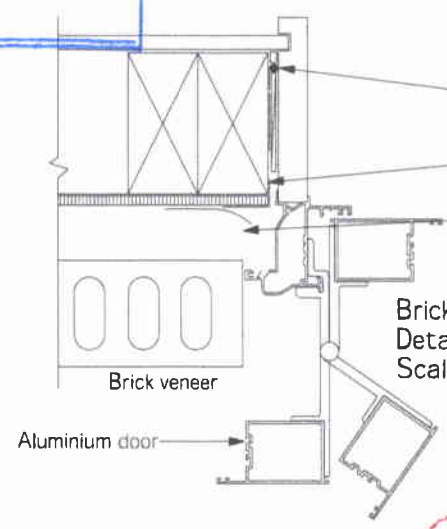
50mm screw fixing to window sill, no more than 150mm from all corners and then 450crs spacings, allow for extra fixings at mullions, transoms & door strikers, all screws driven below sill surface and filled and sanded prior to painting

Do NOT Seal
Continuous ventilated support bar fixed to sill plate with 50mm screws, top face of bar to be fitted level & 5mm min above sill plate



Door Sill to Slab Detail
Scale 1:5

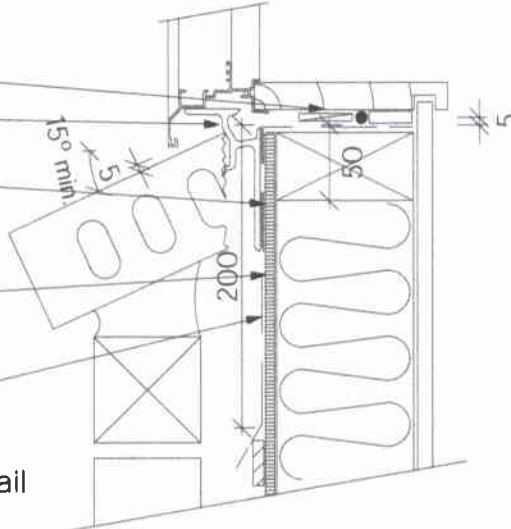
Paint grade 19mm H3.1 timber reveals window surrounds
5mm timber packer under sill with water resistant 'Air Seal' to perimeter of trim cavity



Brick Veneer Door Jamb Detail (Aluminium)
Scale 1:5

Expandable foam sealant on pef rod to form air seal between cavity system and Gibboard lining
Flexible flashing tape in corners
100mm strip malthoid or polythene flashing, clout fixed over building wrap.

Low Expansion foam sealant & pef rod to form air seal between reveal & frame
Continuous WNZ Support bracket:
Sill flashing tape to be continuous along entire sill length and turned down 50mm min down exterior face of framing

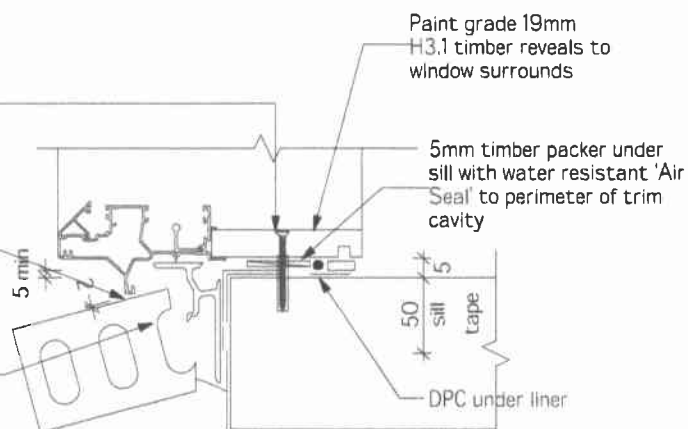


Brick Veneer Window Sill Detail
Scale 1:5

Ecoply Barrier building wrap to wall and flashing tape to be turned round trimmer stud to window opening
Mathoid turned down face of frame 200mm min with 15mm kickout to bottom edge. Nail 7mm thick H3.1 Plywood strip at the bottom to maintain kick.

50mm screw fixing to window sill, no more than 150mm from all corners and then 450crs spacings, allow for extra fixings at mullions, transoms & door strikers, all screws driven below sill surface and filled and sanded prior to painting

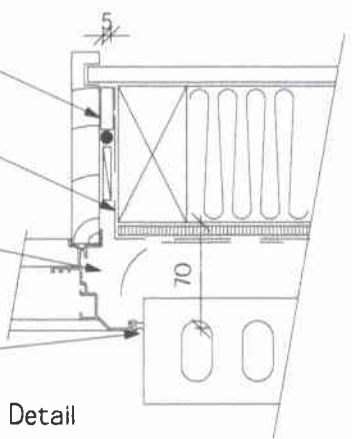
Do NOT Seal
Continuous ventilated support bar fixed to sill plate with 50mm screws, top face of bar to be fitted level & 5mm min above sill plate



Sliding Door Sill to Slab Detail
Scale 1:5

Paint grade 19mm H3.1 timber reveals to window surrounds
5mm timber packer under sill with water resistant 'Air Seal' to perimeter of trim cavity

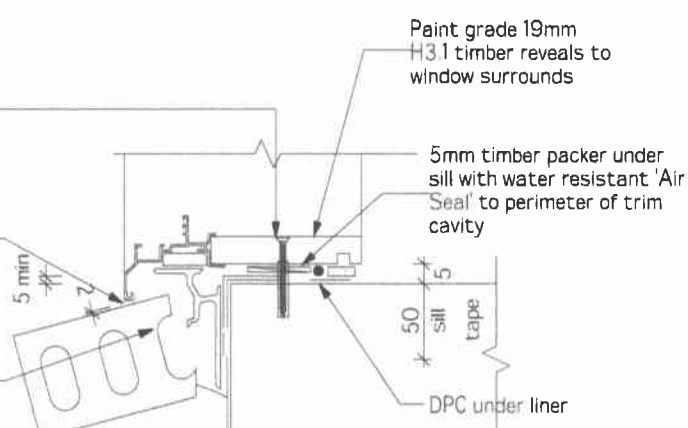
Low Expansion foam sealant & pef rod to form air seal between reveal & frame
Ecoply Barrier building wrap to wall and flashing tape to be turned round trimmer stud to window opening
DPC fixed to wall and turned in behind aluminum flange to form back flashing to window/cladding junction



Brick Veneer Window Jamb Detail
Scale 1:5

50mm screw fixing to window sill, no more than 150mm from all corners and then 450crs spacings, allow for extra fixings at mullions, transoms & door strikers, all screws driven below sill surface and filled and sanded prior to painting

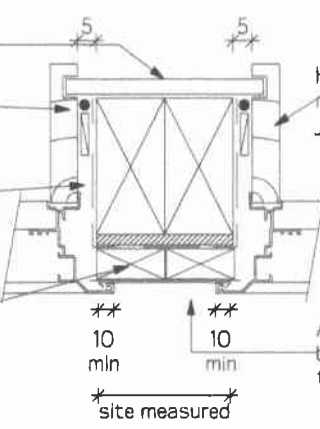
Do NOT Seal
Continuous ventilated support bar fixed to sill plate with 50mm screws, top face of bar to be fitted level & 5mm min above sill plate



Brick Veneer Window Sill to Slab Detail
Scale 1:5

Paint grade 19mm H3.1 timber reveals to window surrounds
5mm timber packer under sill with water resistant 'Air Seal' to perimeter of trim cavity

Interior plasterboard lining
Low expansion foam sealant on pef rod to form air seal between cavity system and interior lining
Ecoply Barrier building wrap to wall and flexible flashing tape to corner
H1.2 timber framing with Ecoply Barrier, flexible flashing tape, H3.1 timber packers then roofing underlay between battens & Colorsteel Flashing.



Window Jamb to Door Jamb Detail
Scale 1:5

H3.1 Finger jointed timber reveals to all aluminium joinery
Allow for 5mm expansion gap between 45mm H3.1 blocking to laminated post
10 min
10 min
* site measured

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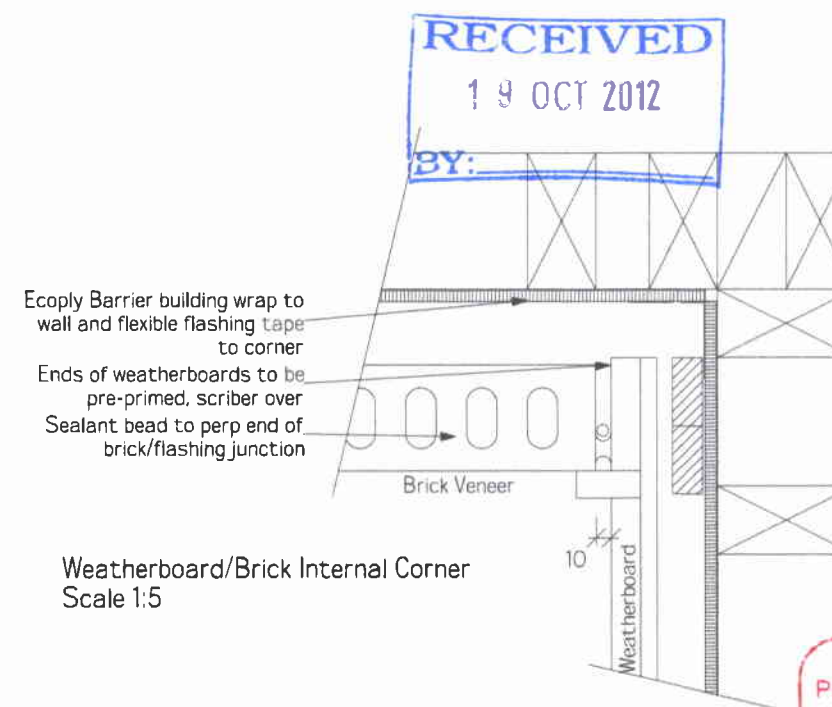
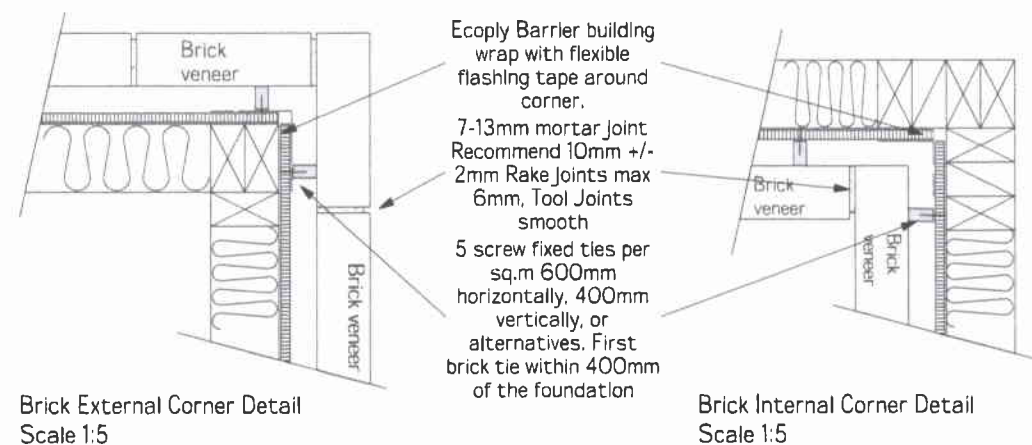
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Details			
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	Scale	Drawn	
	Varies	MG	
	Date:		
	12/10/2012		

Job Number. 120406

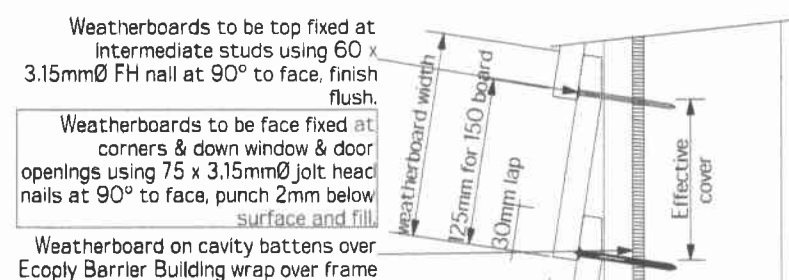
Consent Plans

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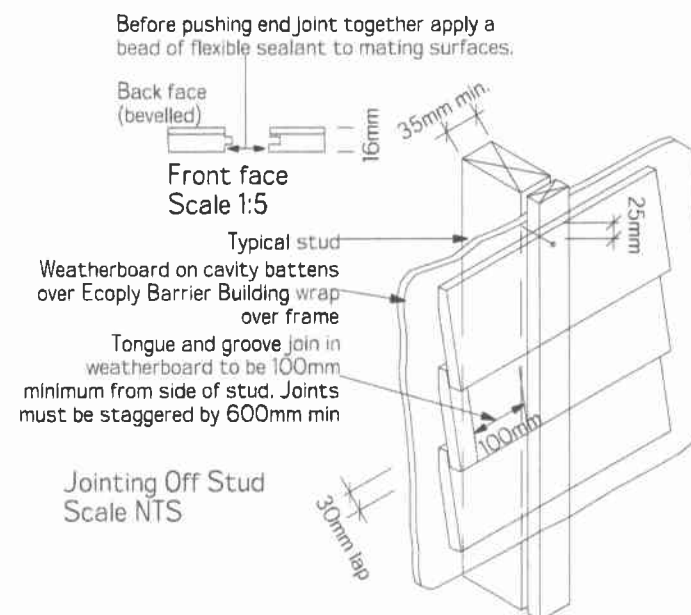


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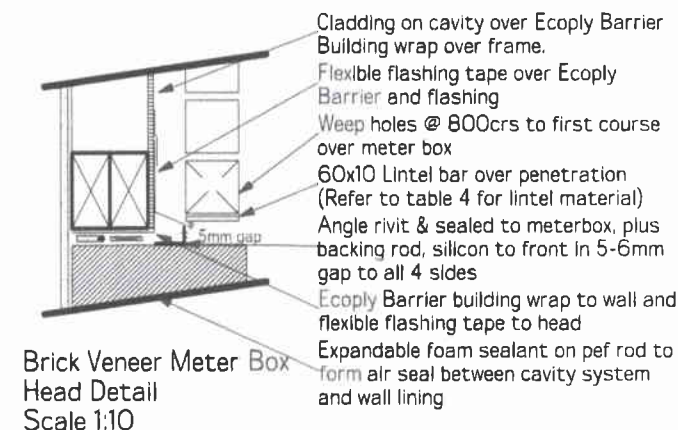
Signed [Signature] 23/10/12



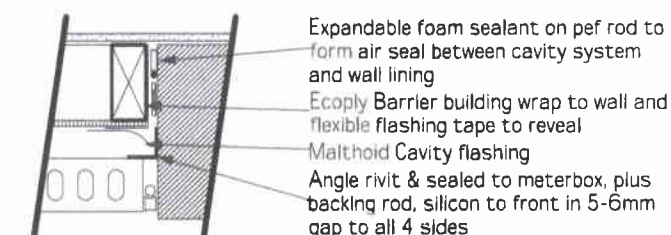
Weatherboard fixing (Concealed Nailing)
Scale 1:5



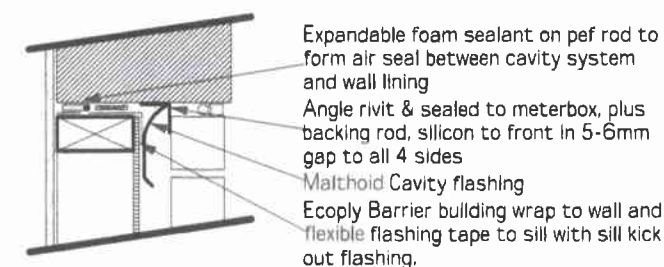
Jointing Off Stud Scale NTS



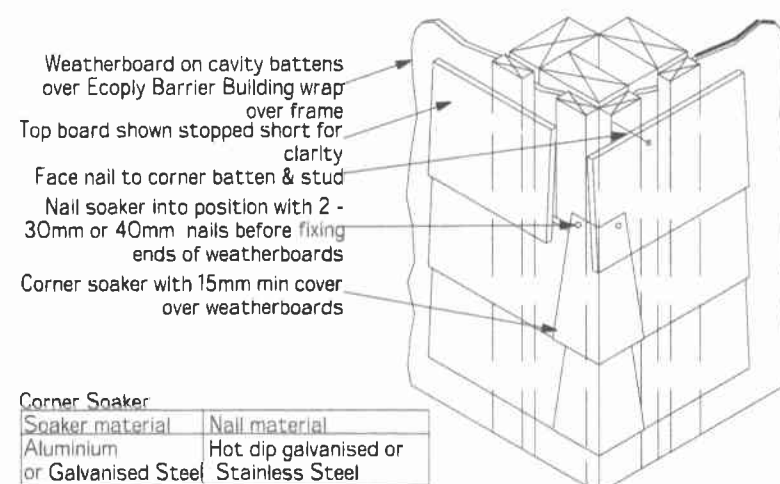
Brick Veneer Meter Box
Head Detail
Scale 1:10



Brick Veneer Meter Box Jamb Detail
Scale 1:10



Brick Veneer Meter Box Sill Detail
Scale 1:10



External corner soaker
Scale NTS



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06	KJ	BM	14
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