

Working Drawings - TWIN GARAGE

- : Twin - Elevations

: Twin - Setting Out Plans

: Twin - IPCU Setting Out Plan

: Twin - Floor Plan

: Twin - Roof Plan

: Section B-B

: Section C-C

: Foundation Detail S.S

: Foundation Detail B.B

: Eaves Detail - Garage Door

: Eaves Detail - Internal Piers

: Pier Coursing Detail
- Rev D

Rev C *

Rev A *

Rev C *

Rev E *

Rev D *

Rev -

Rev -

Rev A

Rev C

Rev C

Rev -

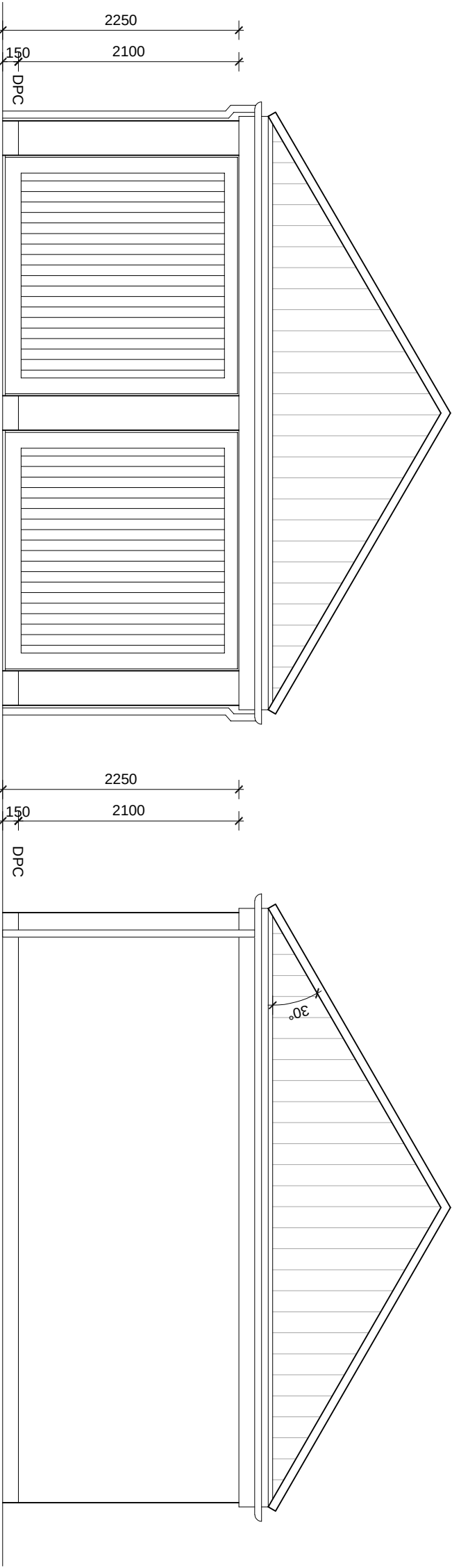
* Denotes updated drawing sheet.

Detailed Revision Description

Rev	Description	Date
01	Fascia & soffit sizes updated. Roof tile note updated. Ridge ventilation removed. Dividing wall blockwork stop above ceiling line and ceiling plasterboard specification added.	Jan 19 GDT
02	Soffit revised to 225mm and Fascia revised to 175mm. House type code changed. Roof truss layout updated in line with manufacturers details. Sleeper wall position and thickness altered to Beam and Block layout	Dec 19 GDT
03	Roof pitches amended to 30°. Fascia increased to 300mm.	Mar 21 GDT
04	RWP locations amended.	June 22 GDT
05	Spandrel panels added to roof plan and Section C-C updated. Corner piers removed.	Feb 26 GDT

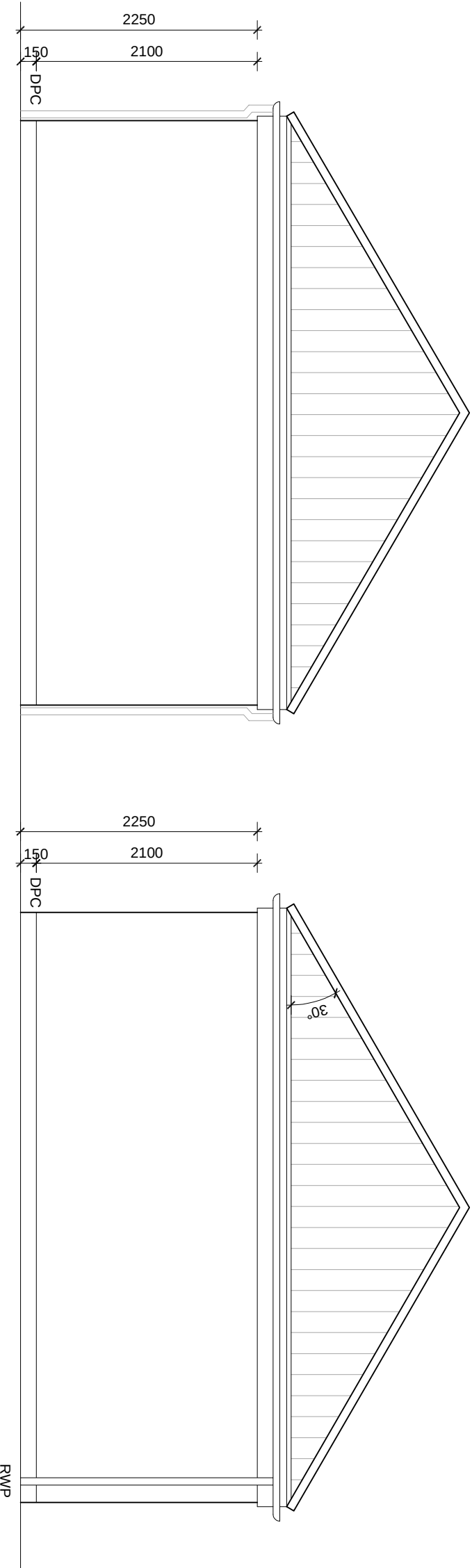
THIS DRAWING IS COMPLIANT WITH
2013 & 2015 BUILDING REGULATIONS

300mm PVC Fascia Board.
PVC rainwater goods.
RWP positions may differ from shown. For actual locations, refer to site specific drainage layout (Avoid RWP's positioned to front elevation where possible).



FRONT ELEVATION

SIDE ELEVATION



REAR ELEVATION

SIDE ELEVATION

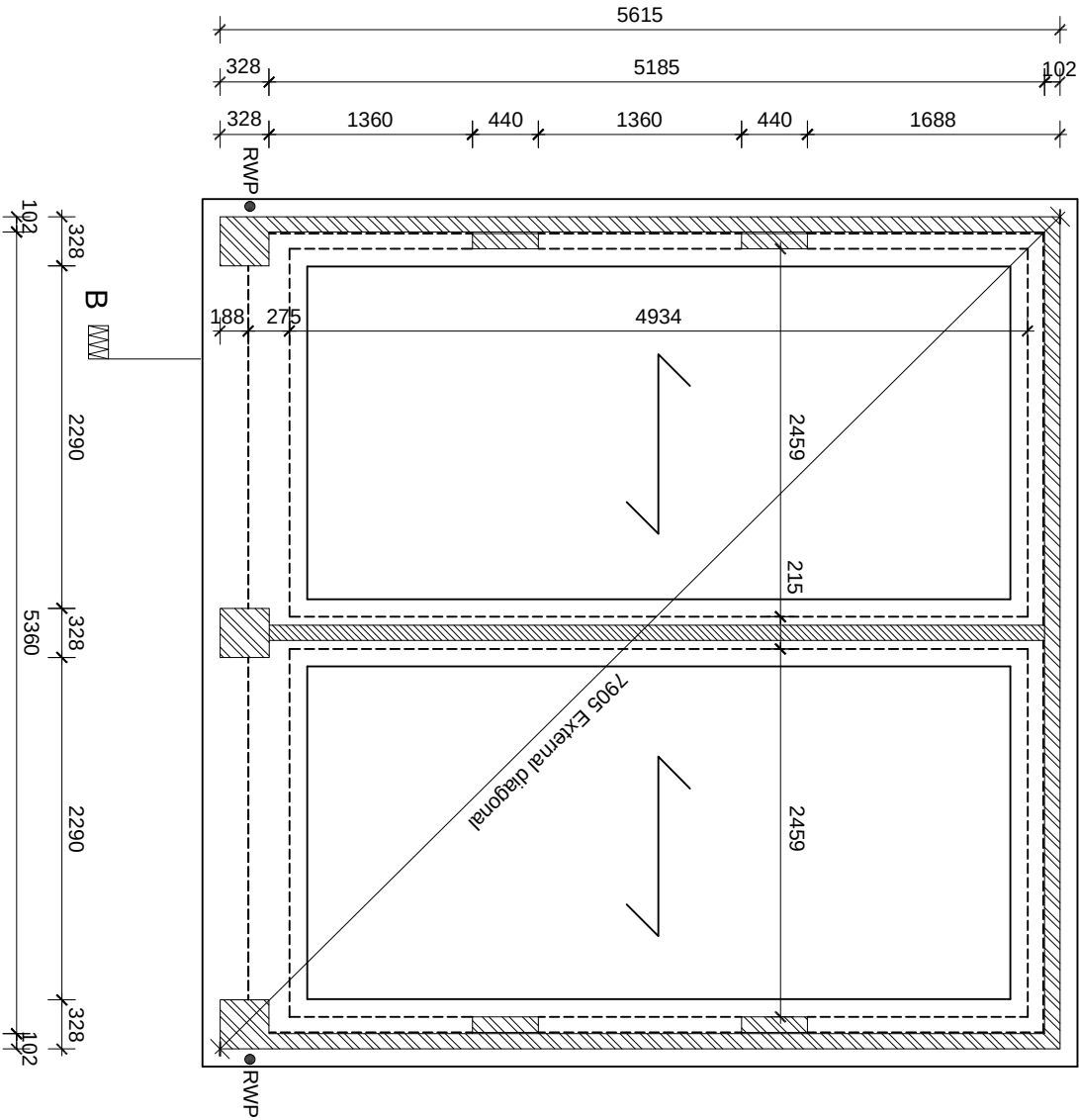
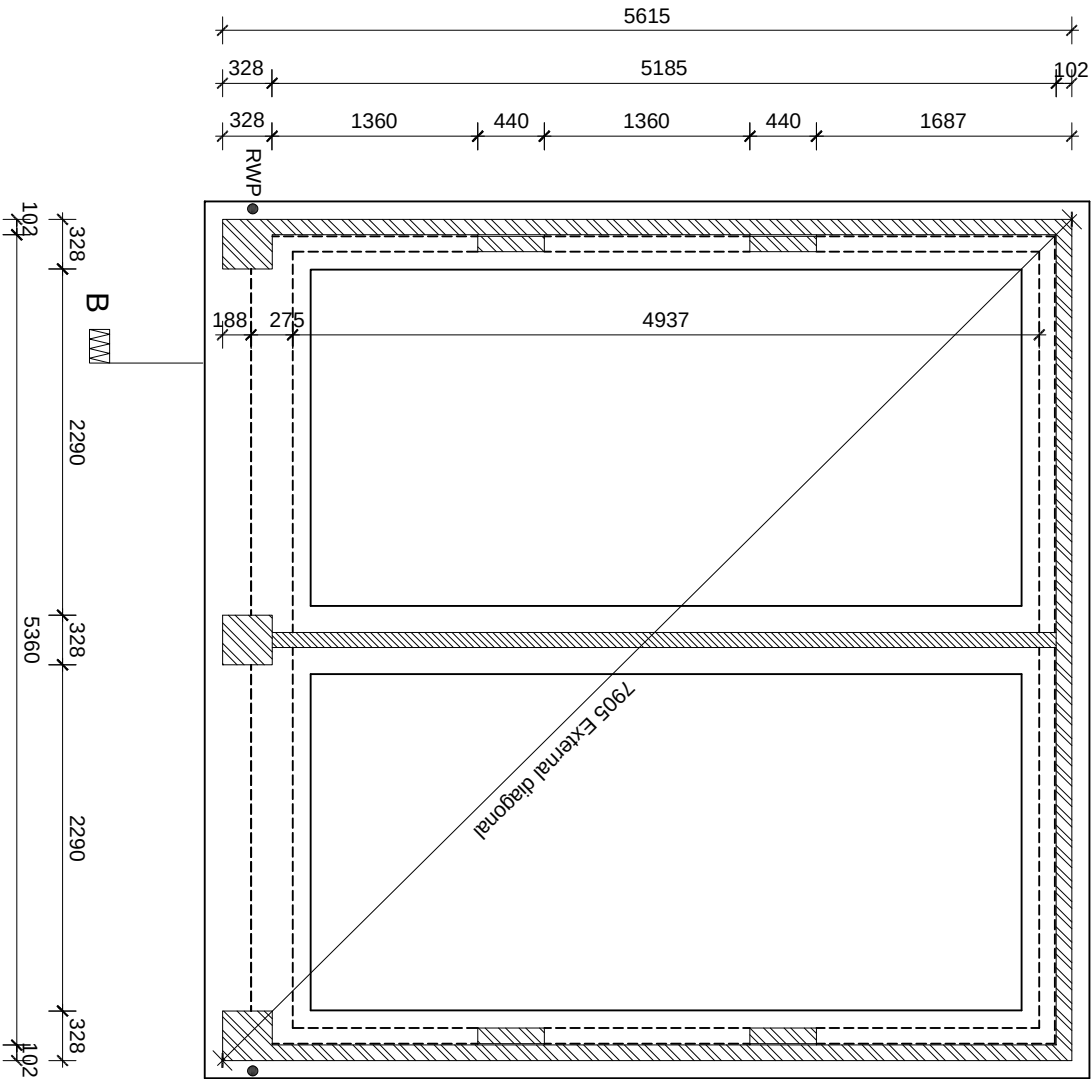
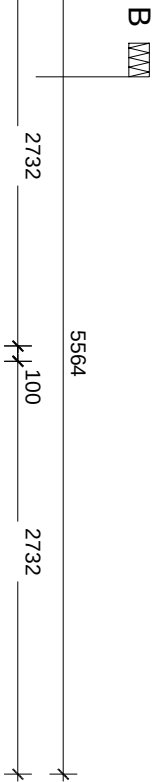
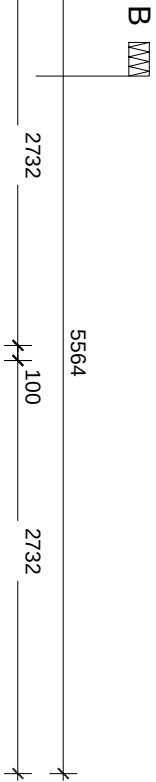
SDG2--H8 GTO CODE: GDB8 SSHR

Brand: **BARRATT / DAVID WILSON HOMES**
Range: **DUAL BRANDED GARAGES**
Title: **2 X SINGLE - ELEVATIONS**
Detail No: **SDG2--H8**
Drawn: **GDT** Checked: **GDT** Scale: **1:50** Date: **MAY 18**

Rev: D Description: Refer to data sheet for full details

Date: June 22





Foundation widths / type shown are indicative only. Refer to Structural Engineers Foundation and Floor Design for detailed information.

For plot specific Foundation and Floor Design, refer to site Structural Engineers information.

Depth of foundation to satisfy NHBC requirements and to be agreed on site with approved inspector.

Solid brick internal piers to continue up the full height of the wall from foundation level. Ancon SPS CJ wall ties (or similar approved) staggered @ 375mm c/s vertically to the piers to external brickwork (Refer to Section A-A / B-B for setting out). Lateral restraint straps to be provided at ceiling and roof level to tie in with these pier locations.

RWP positions may differ from shown. For actual locations, refer to site specific drainage layout.

----- Sleeper blockwork walls below floor slab.

Facing Brickwork (Ext Walls - Ext Lead).

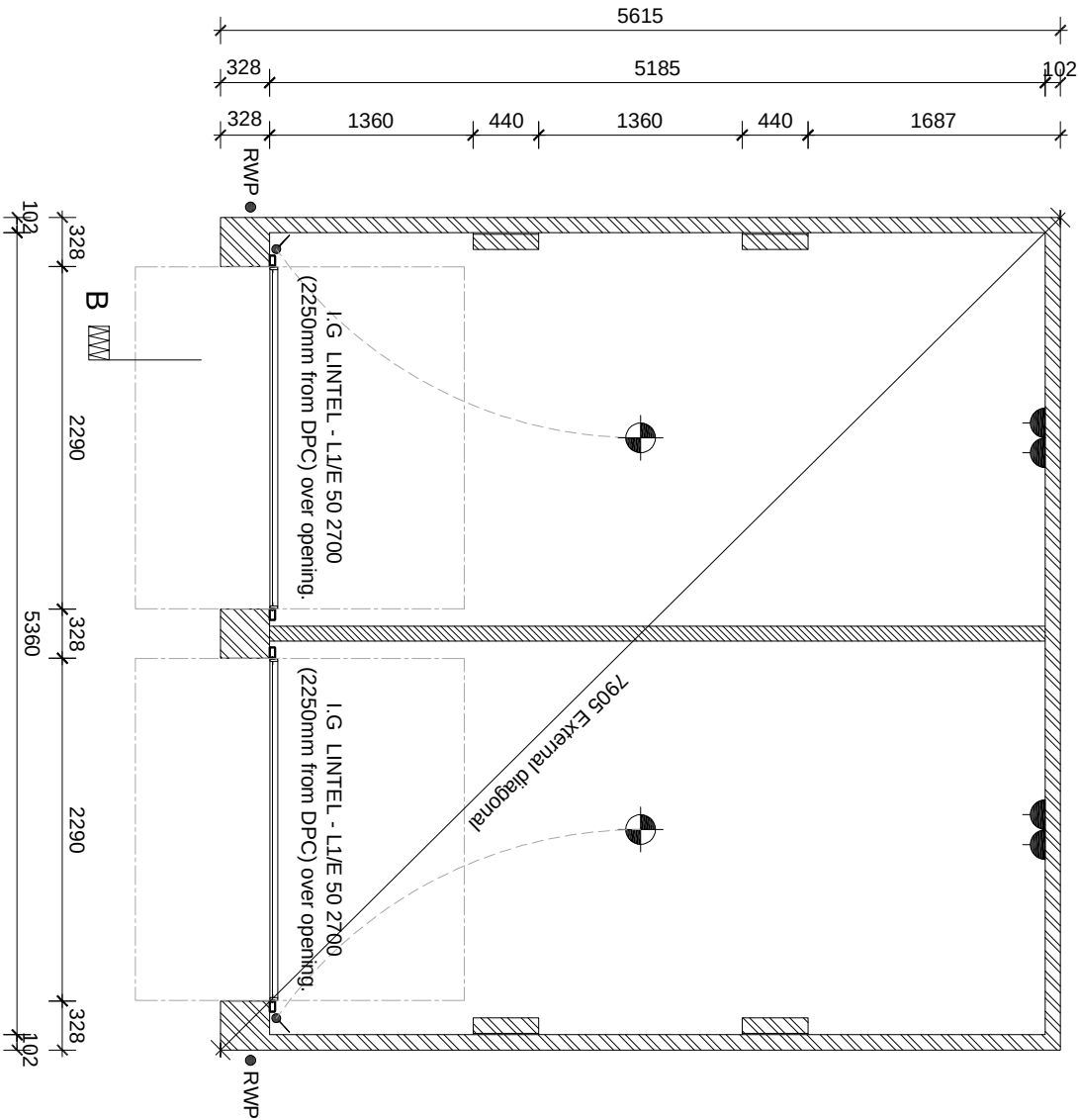
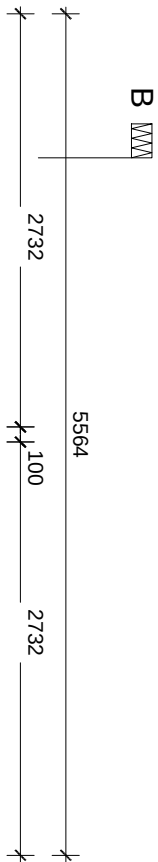
Lightweight Aggregate Blockwork (3.6N/mm2) to medium density 1350 kg/m3 - 1600 kg/m3.

Denotes span direction for Beam and Block.

SETTING OUT PLAN - SUSPENDED SLAB

SETTING OUT PLAN - BEAM AND BLOCK

SDG2--H8 GTO CODE: GDB8 SSHR



FLOOR PLAN

Solid brick internal piers to continue up the full height of the wall from foundation level. Ancon SPS C3 wall ties (or similar approved) staggered @ 375mm c/s vertically to tie piers to external brickwork (Refer to Section A-A / B-B for setting out). Lateral restraint straps to be provided at ceiling and roof level to tie in with these pier locations.

RWP positions may differ from shown. For actual locations, refer to site specific drainage layout.

GARAGE DOOR FRAME SIZE:

7'5" x 7'2" (2261x2200). Frame to be fitted behind piers.

O/A frame width = 2261 + 140 = 2401

O/A frame height = 2200+45 = 2245

KEY:

- Facing Brickwork (Ext Walls - Ext Leaf).
- Lightweight Aggregate Blockwork (3.6N/mm² to medium density 1350 kg/m³ - 1600 kg/m³).

Double sockets, pendant light and light switch only to be provided when garage is positioned on the same plot as accompanying house.

- Double Socket.
- Pendant Light.
- Light Switch.

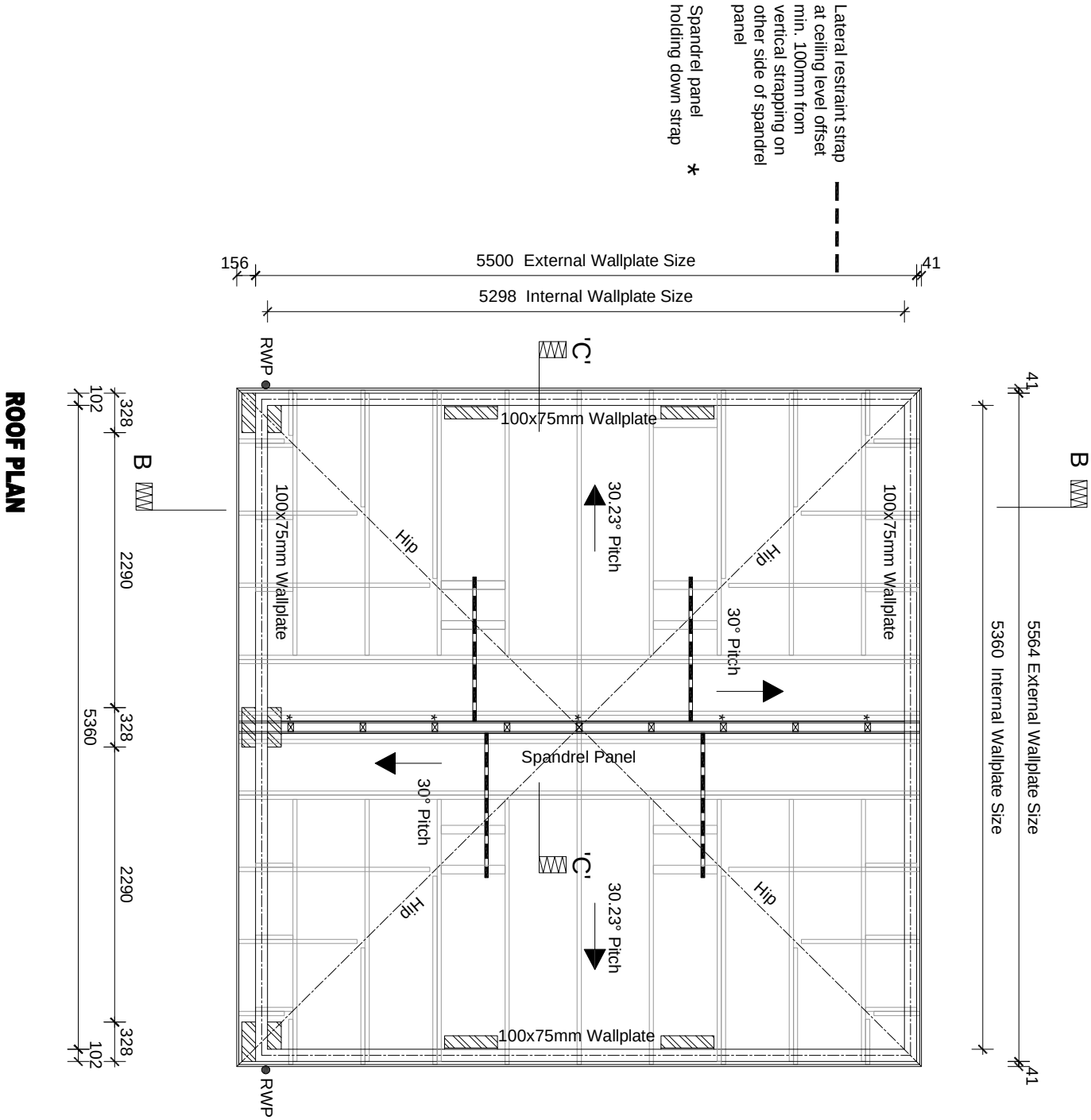
SDG2--H8 GTO CODE: GDB8 SSHR

Brand: **BARRATT / DAVID WILSON HOMES**
Range: **DUAL BRANDED GARAGES**
Title: **2 X SINGLE - FLOOR PLAN**
Detail No: **SDG2--H8**
Drawn: **GDT** Checked: **GDT** Scale: **1:50** Date: **MAY 18**

Rev: C Description: Refer to data sheet for full details

Date: Feb 26





ROOF PLAN

Roof truss design shown is indicative only. Refer to truss manufacturers drawings for truss profiles and sizes of timber sections. Truss shown only to identify span direction and lateral restraint locations.

300mm PVC Fascia Board.

PVC rainwater goods.

RWP positions may differ from shown. For actual locations, refer to site specific drainage layout (Avoid RWP's positioned to front elevation where possible).

Roof trusses to be designed and fabricated by specialist in accordance with BS:5268:Part3:2006 with spacing at max. 600mm ctrs. Roof plan to specialist design with calculations and full bracing details submitted prior to work.

Longitudinal bracing and diagonal rafter and ceiling bracing to be 25x100mm basic section and fixed in accordance with BS:5268:Part3:2006 and NHBC requirements. Fixing to be 75x3.35mm galv. round wire nails to each trussed rafter member.

Solid brick internal piers to continue up the full height of the wall from foundation level. Ancon SPS CJ wall ties (or similar approved) staggered @ 375mm c/s vertically to tie piers to external brickwork (Refer to Section A-A / B-B for setting out).

Refer to standard detail DB-SD05-245 for fixing details.

SDG2--H8 GTO CODE: GDB8 SSHR

Brand: BARRATT / DAVID WILSON HOMES Range: DUAL BRANDED GARAGES Title: 2 X SINGLE - ROOF PLAN Detail No: SDG2--H8 Drawn: GDT Checked: GDT Scale: 1:50 Date: MAY 18	Rev: E Description: Refer to data sheet for full details	Date: Feb 26	
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Roof tiles to Divisional Specification, BS 5534 treated battens to NHBC standards 7.2 on BBA accredited vapour permeable (LVR) type to BS EN13859-1 and compliant with BS 5534 underlay wind uplift resistance requirements for the plot, house type, site location and batten gauge used.

100mm x 75mm treated s/w wall plate bedded on 10mm mortar joint.

300mm PVC Fascia Board.

PVC rainwater goods.

I.G. LINTEL - L1/E 50 2700 (2250mm from DPC) over opening. Lintel must have min 1 course of brick work or split block on internal flange before installation of wallplate.

300mm deep PVCu cover fascia to underside of lintel to cover gap between lintel and garage door frame.

Solid brick internal piers to continue up the full height of the wall from foundation level. Ancon SPS CJ wall ties (or similar approved) staggered @ 375mm c/s vertically to the piers to external brickwork (Refer to SECTION B-B for setting out).

DPC 150mm min above FFL.

FGL 25mm below top of slab at entrance.

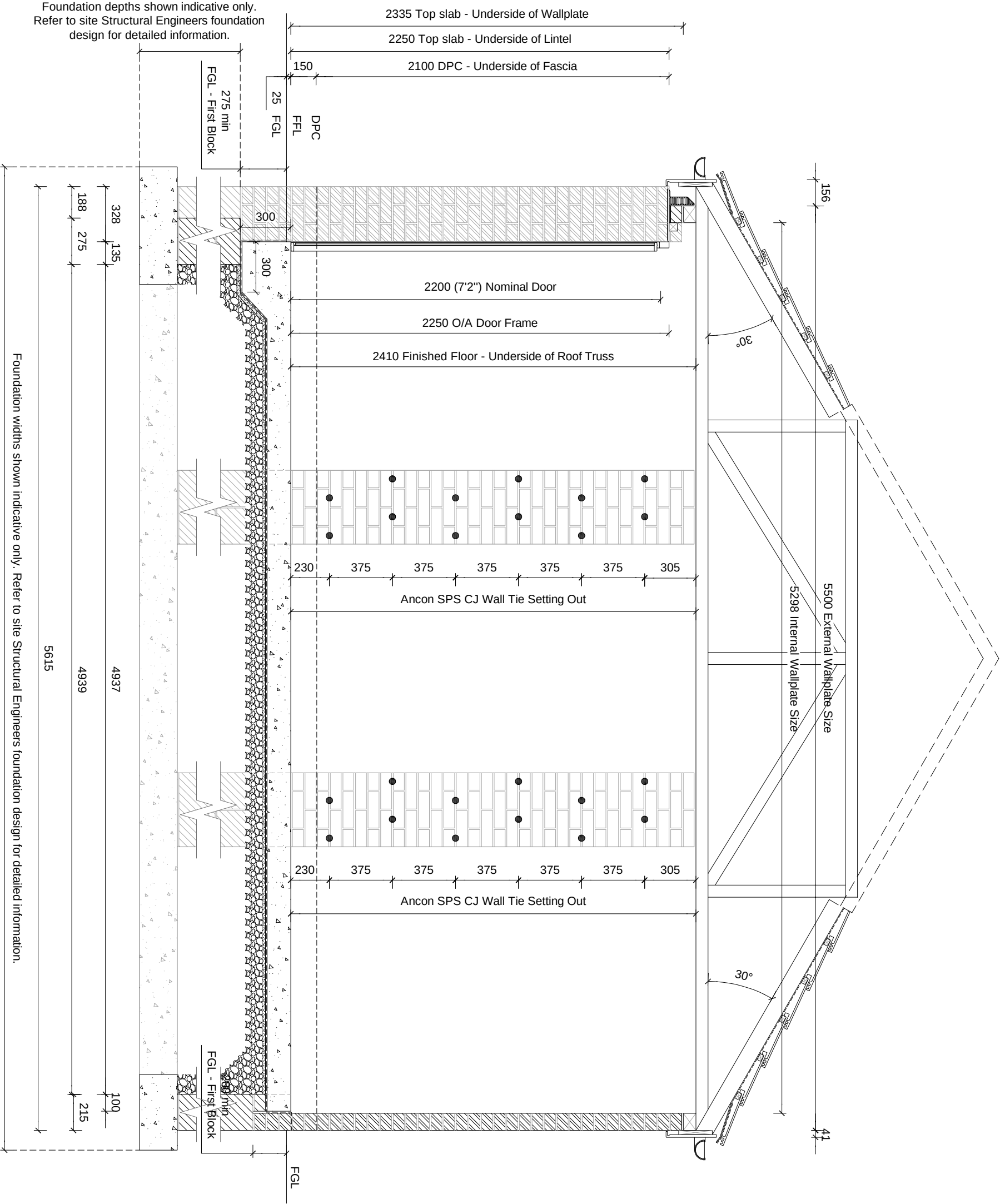
FGL to slope away from garage door entrance to avoid water ingress. Where not possible an ACO drainage channel or equivalent is to be installed.

Ground bearing floor slab shown indicative only. Suitable floor slab will be dependant upon individual site conditions. Ground bearing floor slab to be provided with 300 x 300mm thickening to slab edge and minimum 135mm end bearing local to garage door threshold.

Depth of foundation underbuild in accordance with site Structural Engineers foundation design, agreed on site with approved inspector and to satisfy NHBC requirements.

Foundation widths, depths and type shown indicative only. Refer to site Structural Engineers foundation design for detailed information

Refer to standard detail DB-SD05-245 for fixing details.



SECTION B-B

Brand: **BARRATT / DAVID WILSON HOMES**

Range: **DUAL BRANDED GARAGES**

Title: **SECTION B-B**

Detail No:

Drawn: **GDT** Checked: **GDT** Scale: **1:30** Date: **MAY 18**

Rev: D Description: Refer to data sheet for full details Date: Feb 26



Roof tiles to Divisional Specification, BS 5534 treated battens to NHBC standards 7.2 on BBA accredited vapour permeable (LFR) type to BS EN13859-1 and compliant with BS 5534 underlay wind uplift resistance requirements for the plot, house type, site location and batten gauge used.

100mm x 75mm treated s/w wall plate bedded on 10mm mortar joint.

300mm PVC Fascia Board.

PVC rainwater goods.

I.G. LINTEL - L1/E 50 2700 (2250mm from DPC) over opening. Lintel must have min 1 course of brick work or split block on internal flange before installation of wallplate.

300mm deep PVCu cover fascia to underside of lintel to cover gap between lintel and garage door frame.

Solid brick internal piers to continue up the full height of the wall from foundation level. Ancon SPS CJ wall ties (or similar approved) staggered @ 375mm c/s vertically to the piers to external brickwork (Refer to SECTION B-B for setting out).

DPC 150mm min above FFL.

FGL 25mm below top of slab at entrance.

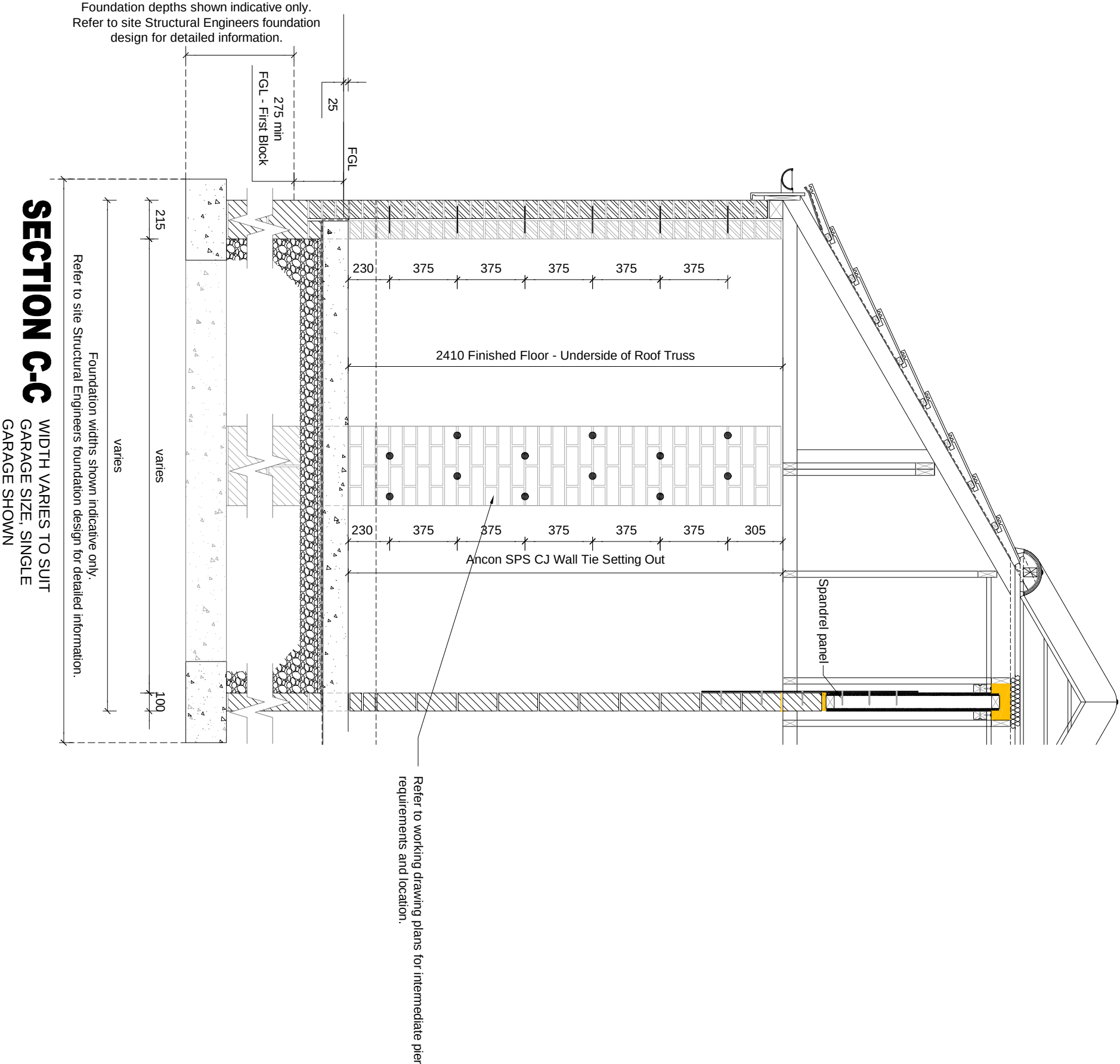
FGL to slope away from garage door entrance to avoid water ingress. Where not possible an ACO drainage channel or equivalent is to be installed.

Ground bearing floor slab shown indicative only. Suitable floor slab will be dependant upon individual site conditions. Ground bearing floor slab to be provided with 300 x 300mm thickening to slab edge and minimum 135mm end bearing local to garage door threshold.

Depth of foundation underbuild in accordance with site Structural Engineers foundation design, agreed on site with approved inspector and to satisfy NHBC requirements.

Foundation widths, depths and type shown indicative only. Refer to site Structural Engineers foundation design for detailed information

Refer to standard detail DB-SD05-245 for fixing details.

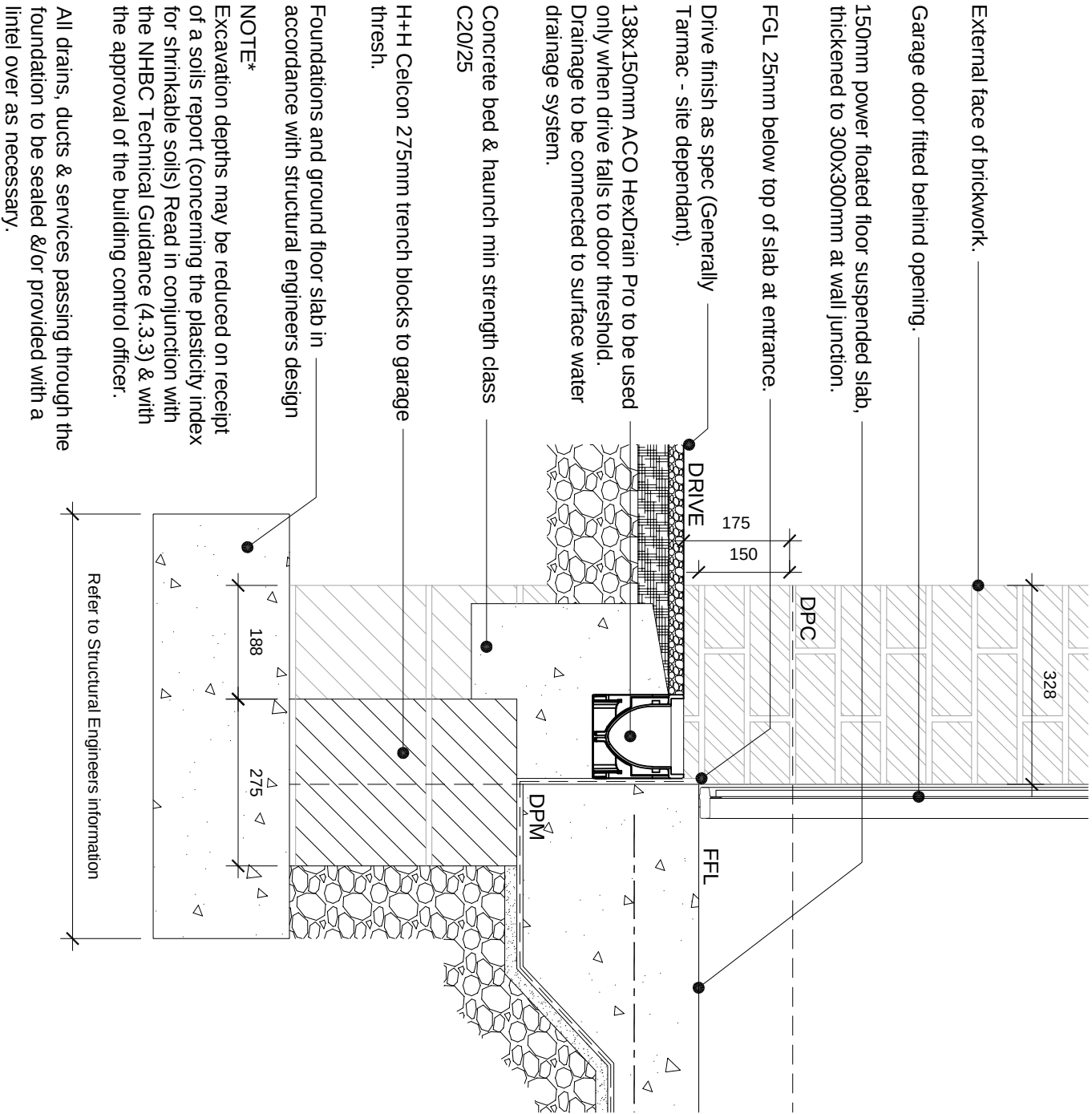


Brand: **BARRATT / DAVID WILSON HOMES**
Range: **DUAL BRANDED GARAGES**
Title: **SECTION C-C**
Detail No:
Drawn: **GDT** Checked: **GDT** Scale: **1:30** Date: **Jan 26**

Rev: Description:
Refer to data sheet for full details

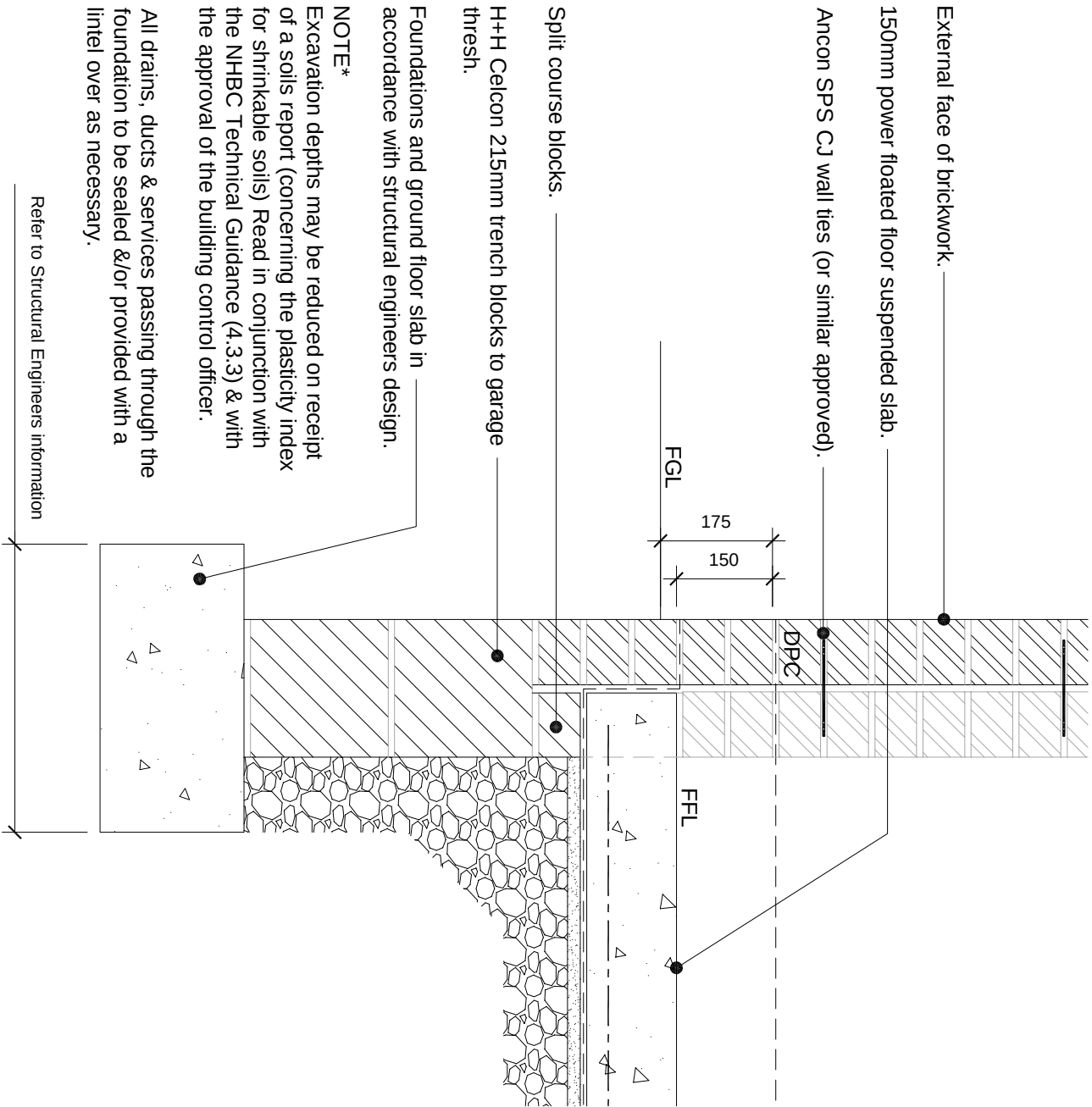
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Detail A

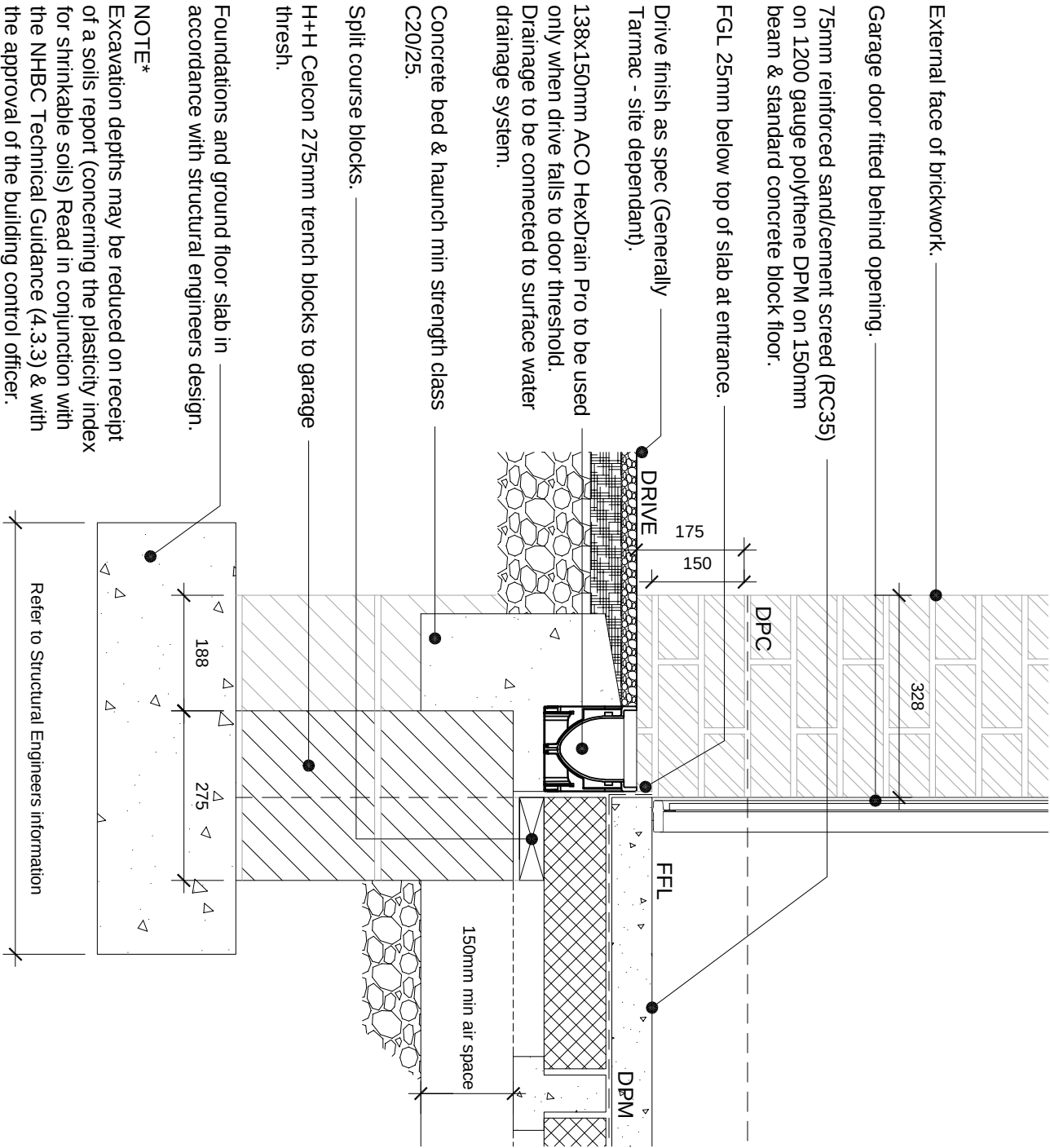
Garage Door Threshold with Suspended Slab - ACO Drainage Detail



Detail B

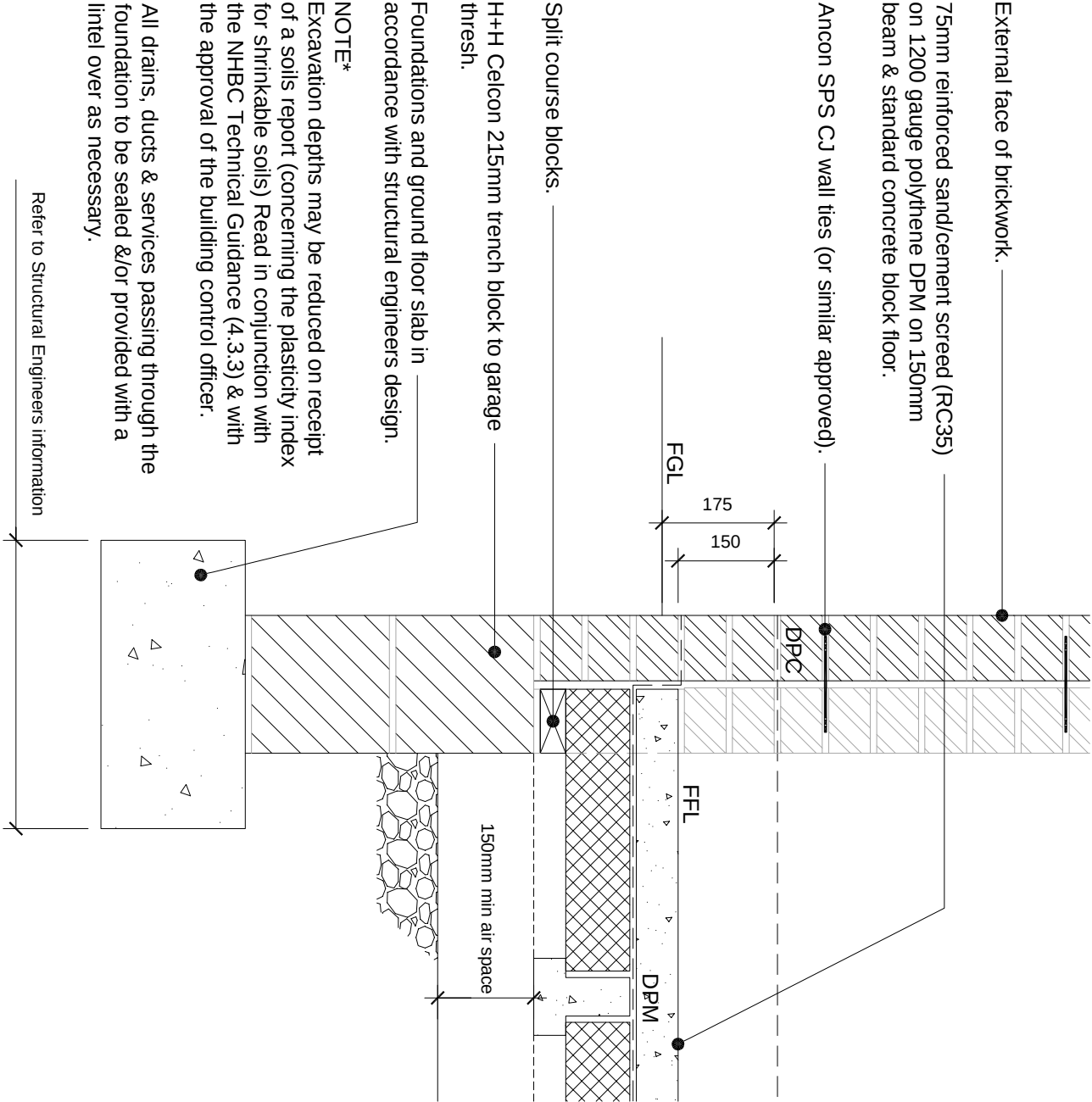
Garage External Wall - Suspended Slab Detail

Brand: BARRATT / DAVID WILSON HOMES Range: DUAL BRANDED GARAGES Title: FOUNDATION DETAILS S.S Detail No: Drawn: GDT Checked: GDT Scale: 1:10 Date: MAY 18	Rev: Description:	Date:	 BARRATT DEVELOPMENTS PLC DAVID WILSON HOMES 
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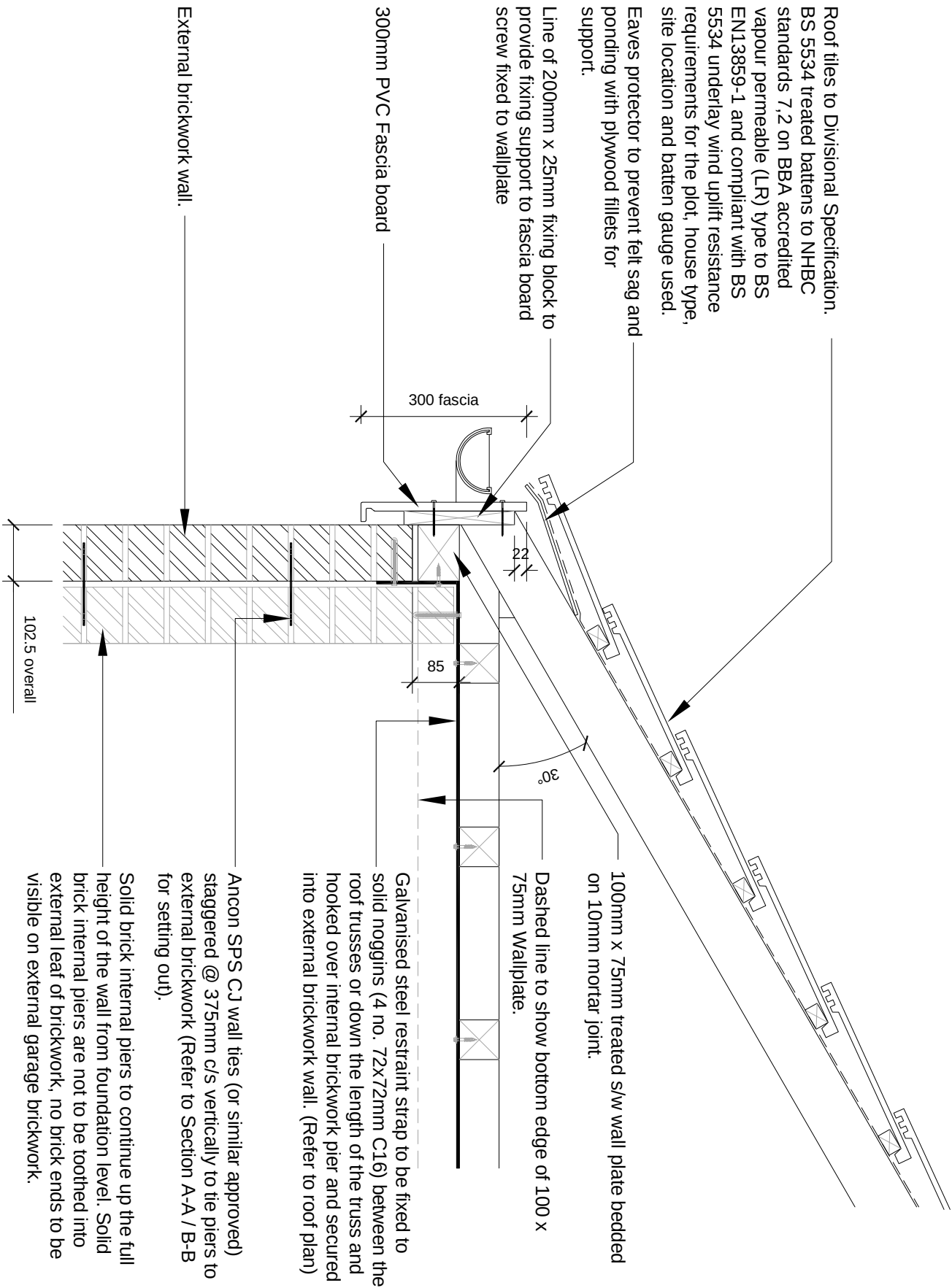
Detail C

Garage Door Threshold with Beam and Block - ACO Drainage Detail



Detail D

Garage External Wall - Beam and Block



Eaves Detail - Internal Piers

Scale 1:10

Brand: **BARRATT / DAVID WILSON HOMES**
Range: **DUAL BRANDED GARAGES**
Title: **EAVES DETAILS - INTERNAL PIERS**
Detail No:
Drawn: **GDT** Checked: **GDT** Scale: **1:10** Date: **MAY 18**

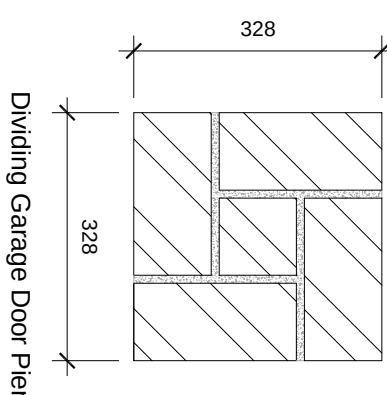
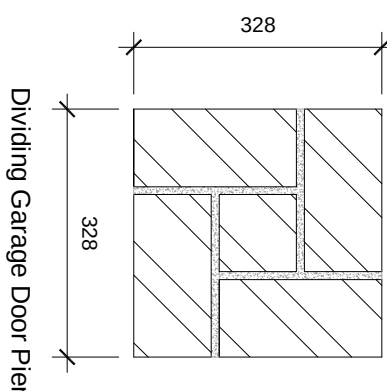
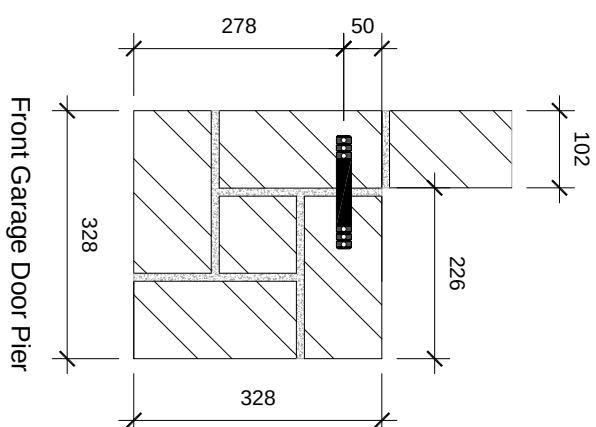
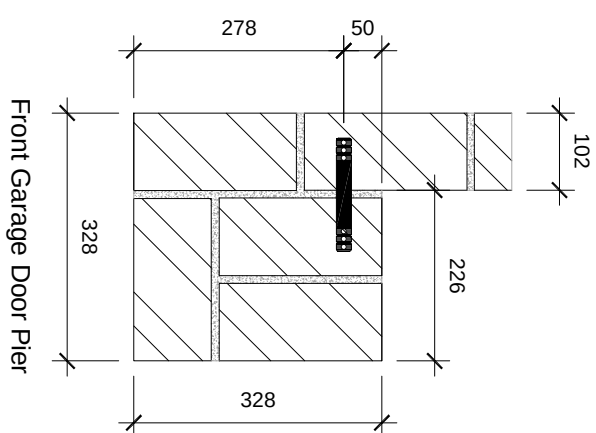
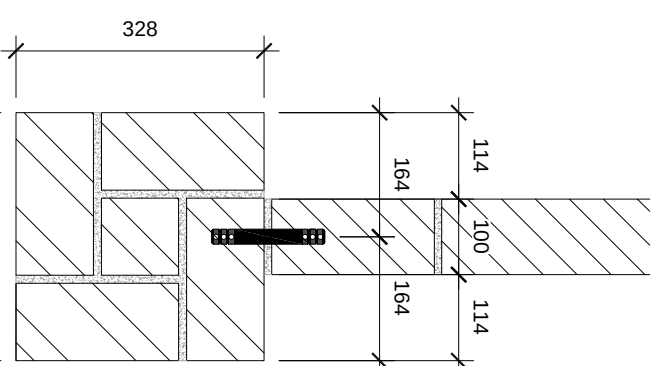
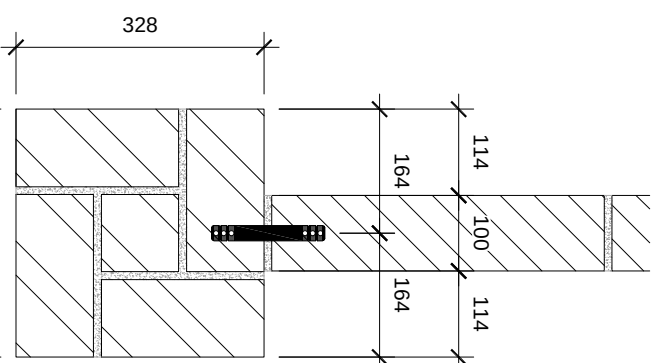
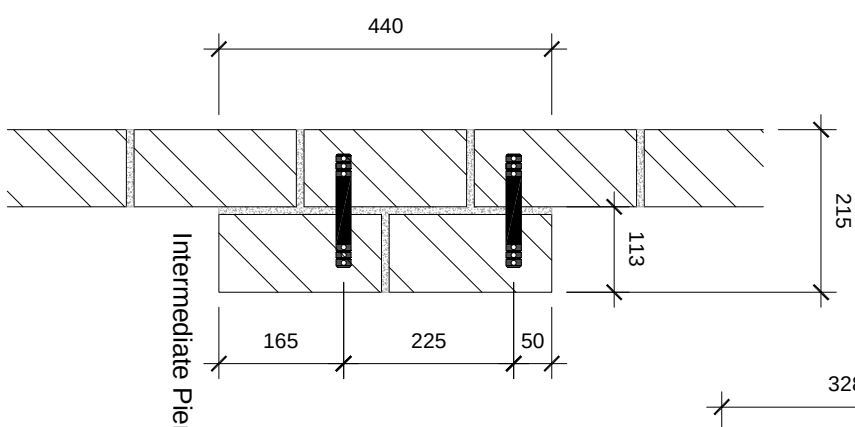
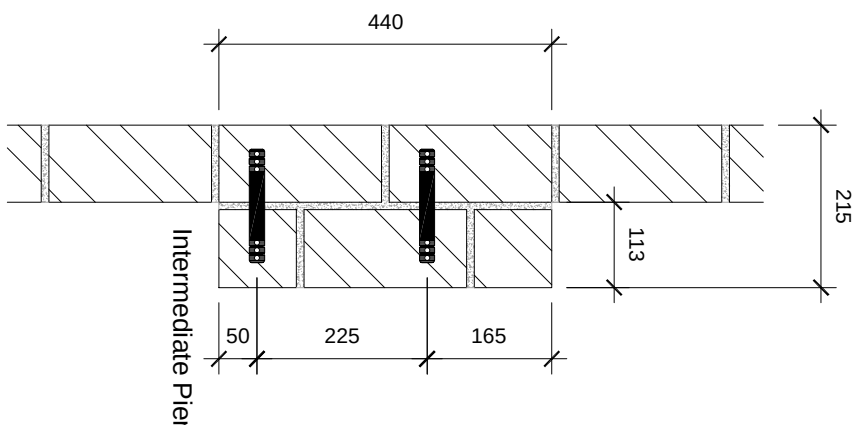
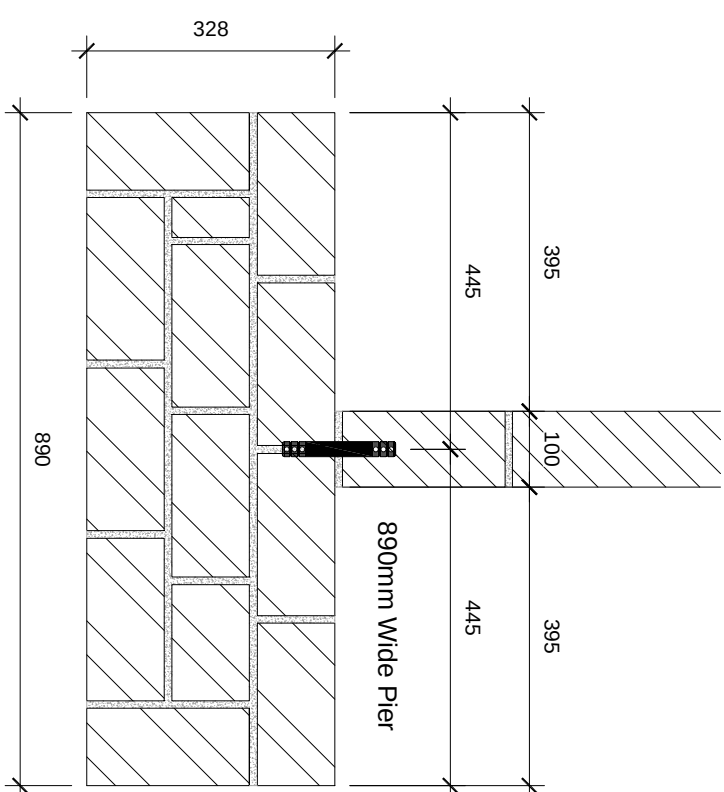
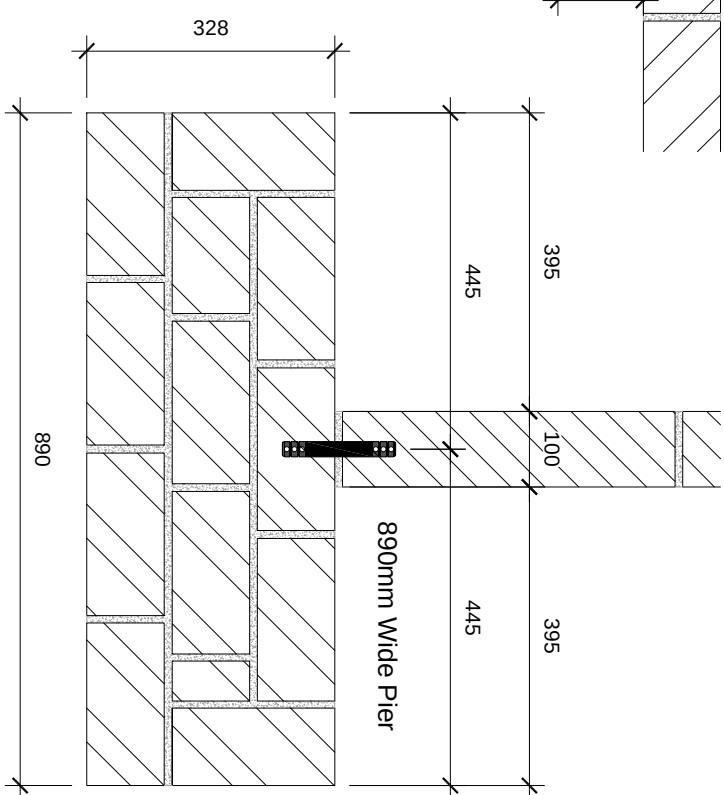
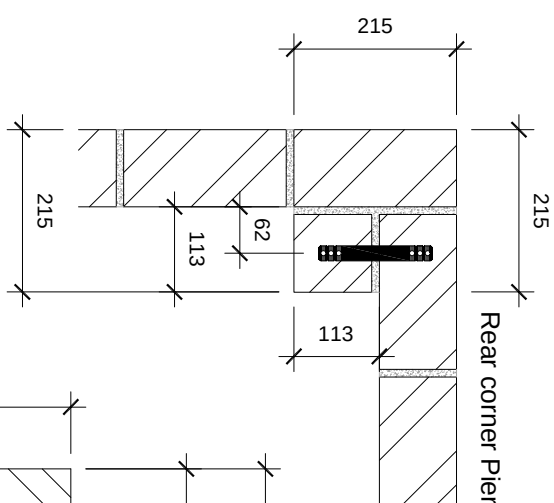
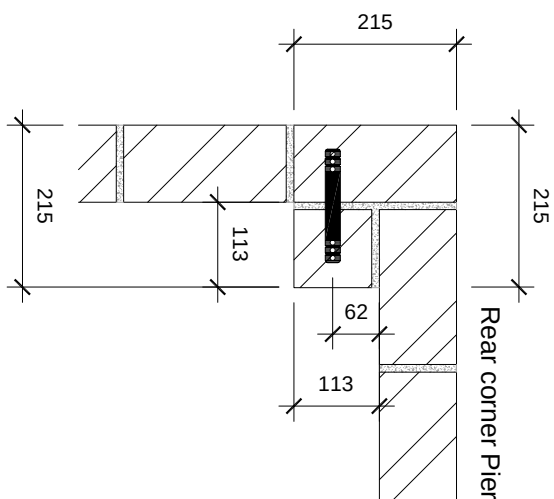
Rev: C
Description: Refer to data sheet for full details

Date: Mar 21



DAVID WILSON HOMES





Alternate brick coursing shown
(Refer to Details).

Solid brick internal piers to continue up the full height of the wall from foundation level.

Solid brick internal piers are not to be toothed into external leaf of brickwork, no brick ends to be visible on external garage brickwork.

Ancon SPS C3 wall ties (or similar approved) staggered @ 375mm c/s vertically to the piers to external brickwork and into internal blockwork dividing walls. (Refer to SECTION A-A / B-B for setting out).

Lateral restraint straps to be provided at ceiling and roof level to tie in with these pier locations.

Brand: BARRATT / DAVID WILSON HOMES Range: DUAL BRANDED GARAGES Title: PIER COURSING DETAILS Detail No: Drawn: GDT Checked: GDT Scale: 1:10 Date: MAY 18	Rev: Description: 	Date:  
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