

Standard Details

Cottage Range Elevations

01530 270100

JS Bloor (Services) Limited

Ashby Road, Measham, Swadlincote, Derbyshire. DE12 7JP

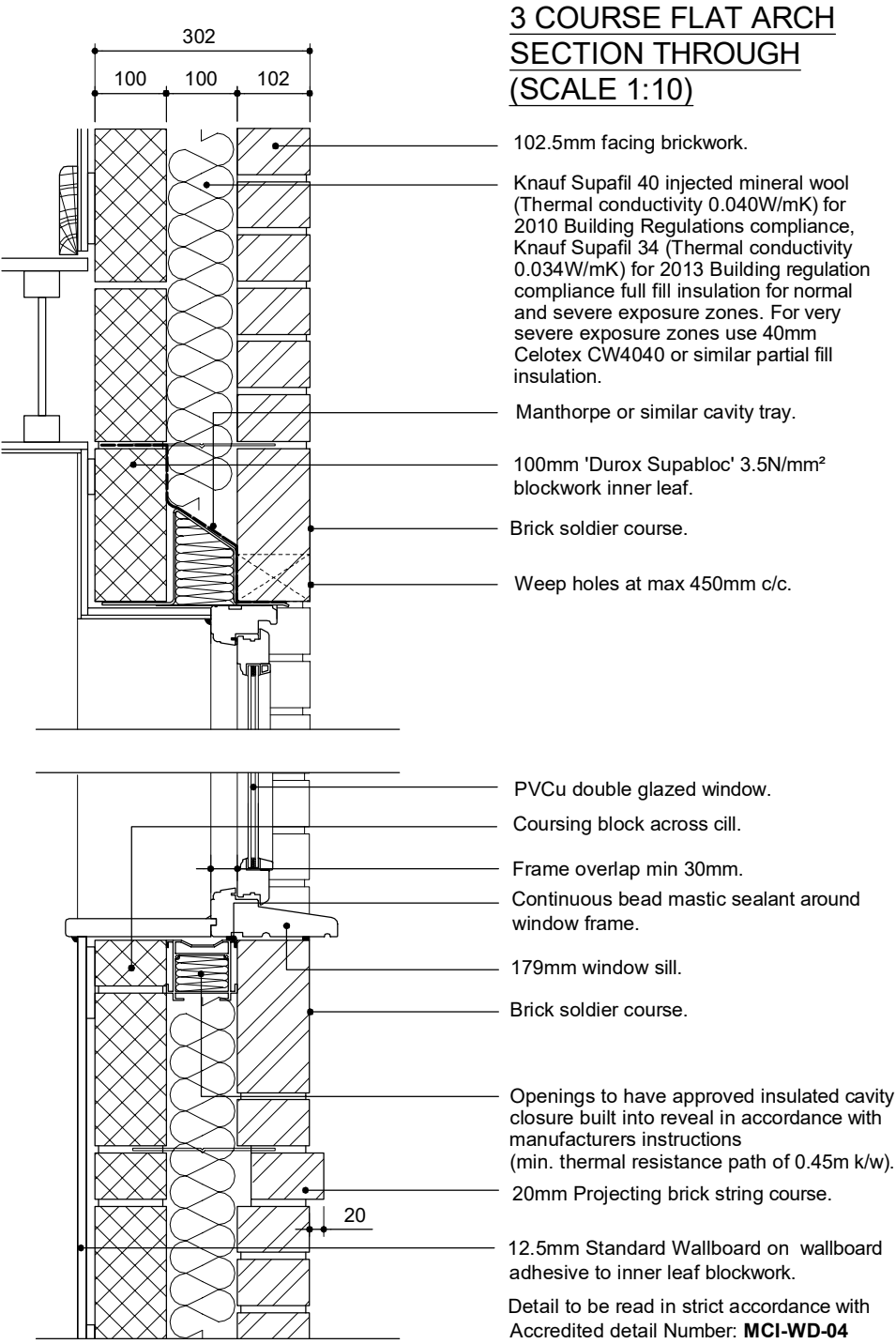
Email: hq@bloorhomes.com

28/03/2019

BLOOR HOMES[®]

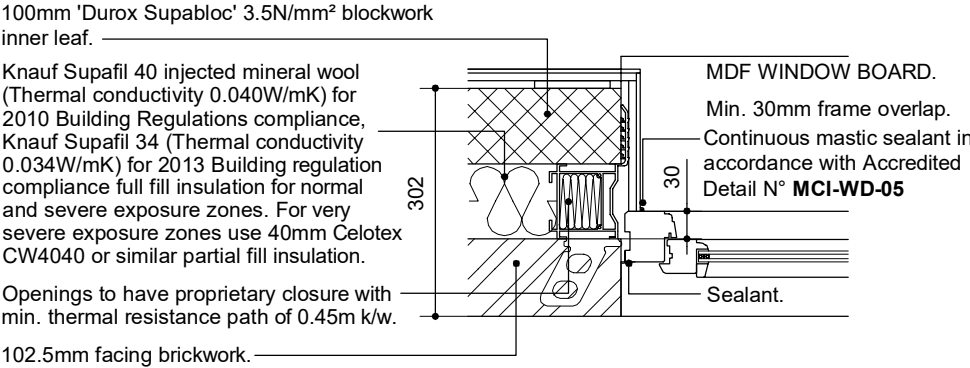
To find out more, visit:
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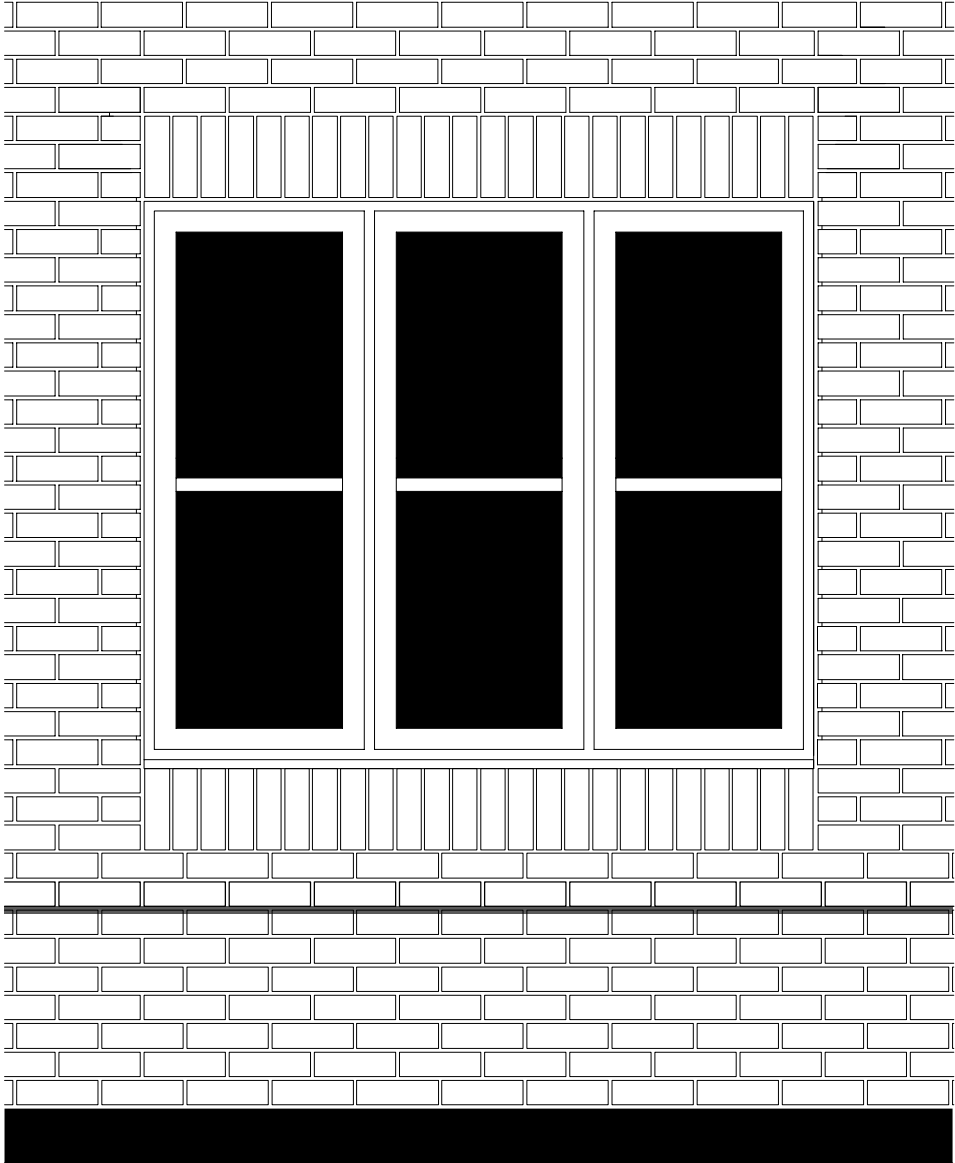


SEAL ALL PENETRATIONS THROUGH BOTH PLASTERBOARD AND ANY FLOOR PENETRATION USING A FLEXIBLE SEALANT OR TAPE

SECTION THROUGH REVEAL (SCALE 1:10)



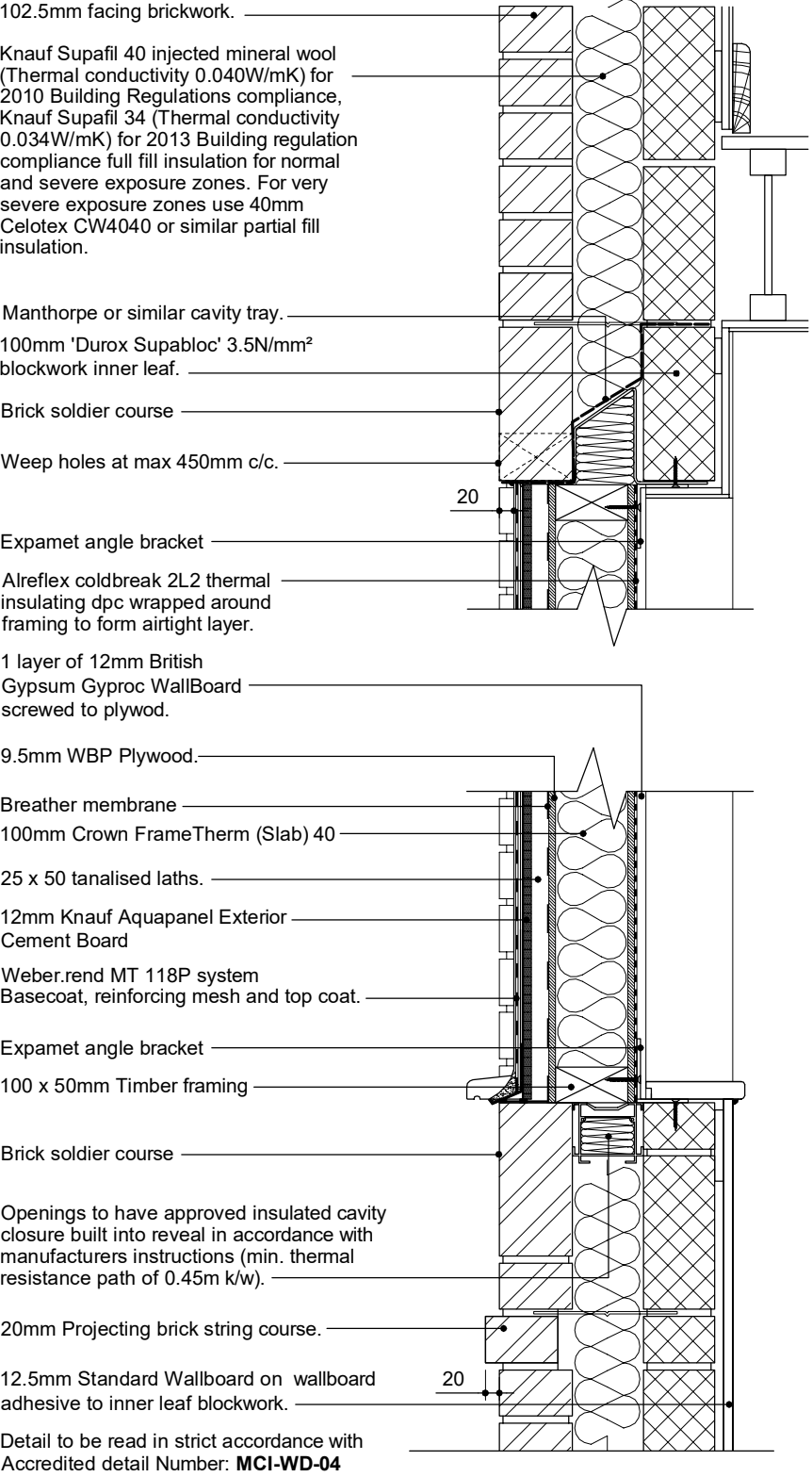
BRICK SOLDIER COURSE ELEVATION (SCALE 1:20)



Rev J (Nov 2018) - Brick Soldier Course added.

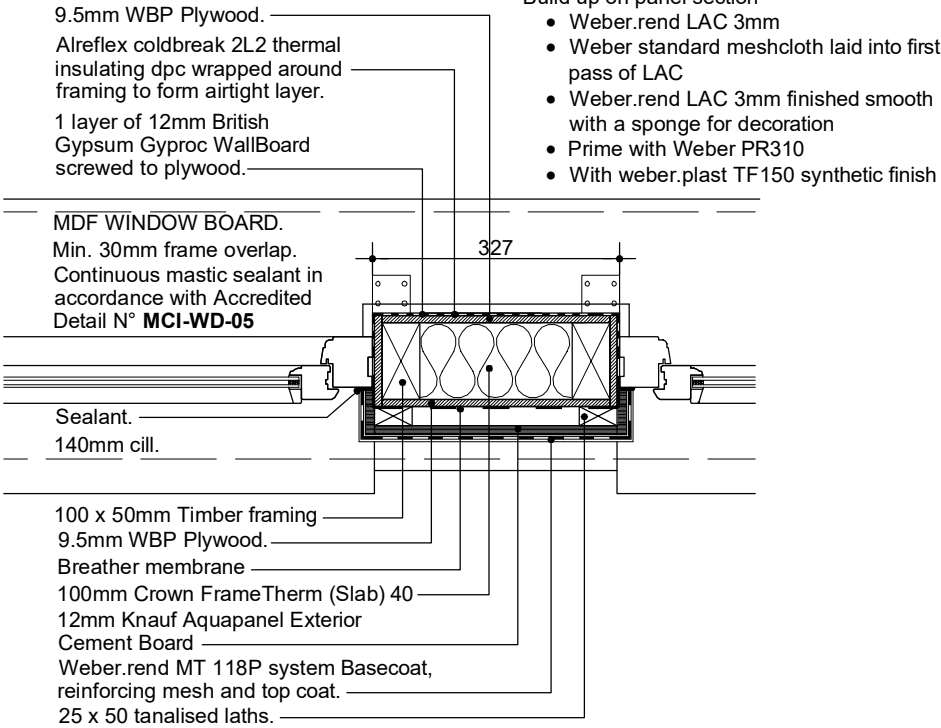
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3 COURSE FLAT ARCH
SECTION THROUGH
(SCALE 1:10)

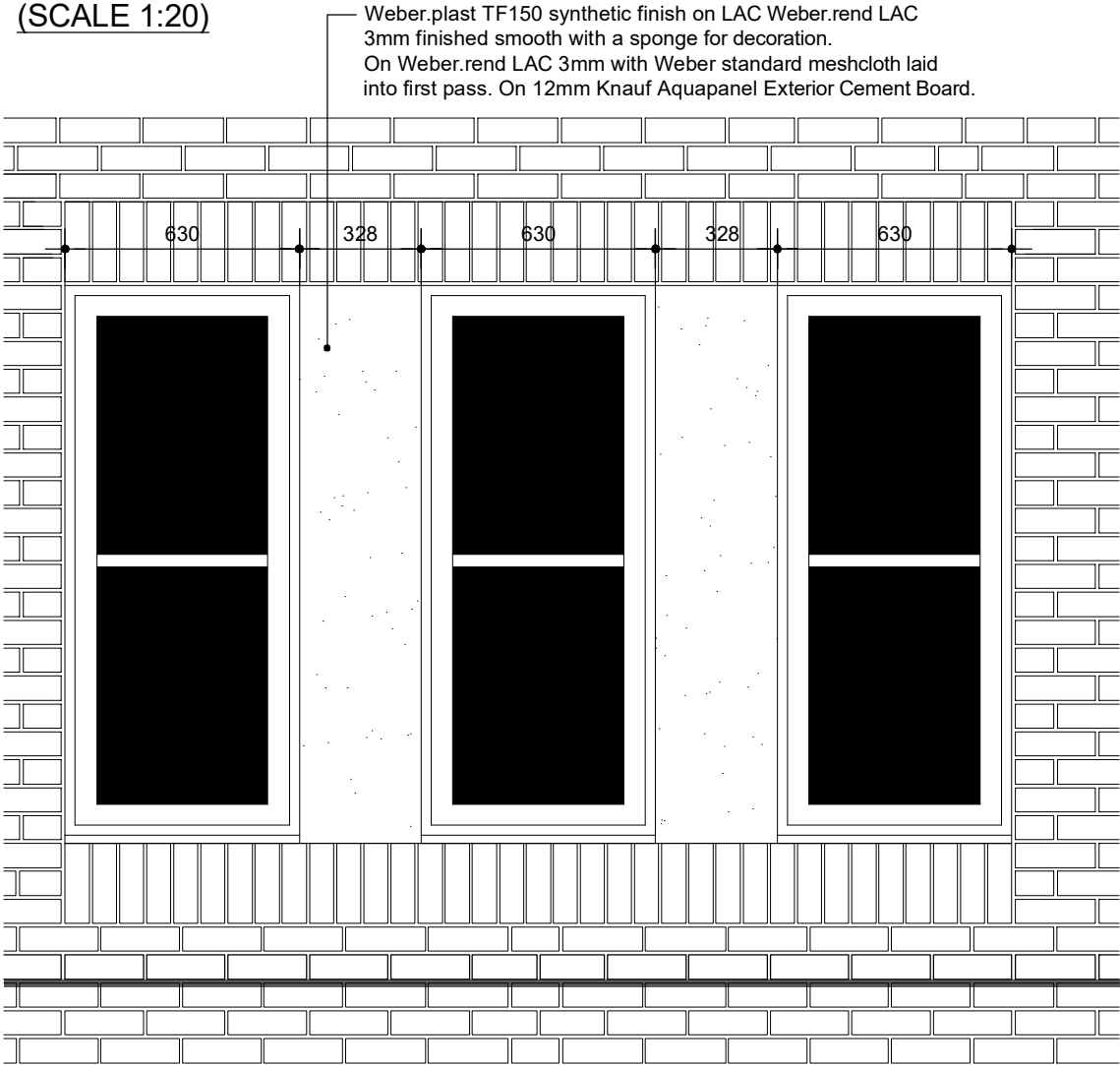


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SECTION THROUGH REVEAL

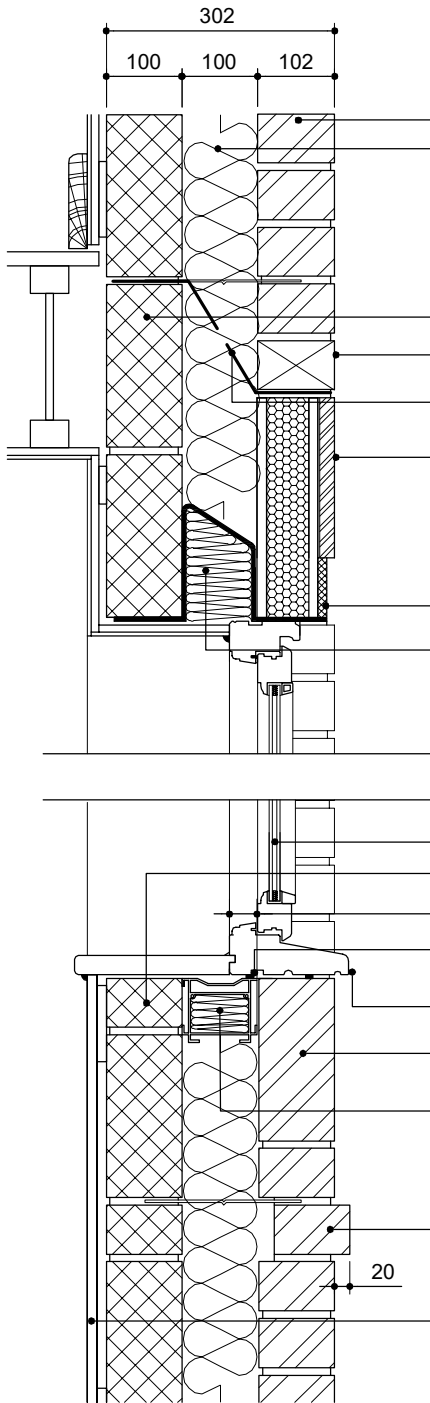


BRICK SOLDIER COURSE ELEVATION
(SCALE 1:20)



Rev K (Nov 2018) - Brick soldier course added.
Rev J (Sept 2016) - Cut brick cill added. Knauf Aquapanel added in lieu of masterboard.
Rev H (April 2016) - Cavity wall insulation note amended, drawing title sheet amended.
Rev G (Nov 2015) - Manufacturers details amended.

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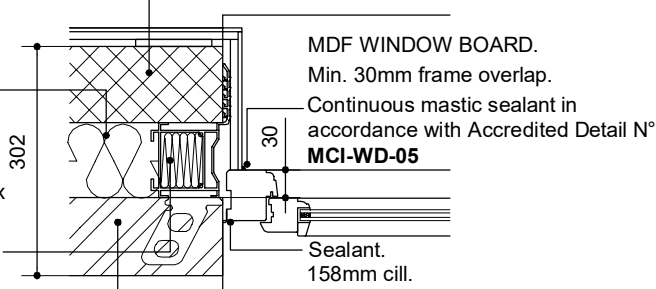
SECTION THROUGH
(SCALE 1:10)

- 102.5mm facing brickwork.
- Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.
- 100mm 'Durox Supabloc' 3.5N/mm² blockwork.
- At least 2 weep holes per opening not more than 450mm apart.
- Manthorpe or similar cavity tray over lintel with weepholes at 450mm cts.
- Prefabricated Segmental Arch by Keystone Lintels or similar approved with brick slips finish. Brick slips to be as per main facing or contrasting to regional specification. If wall is rendered lintel to be 5mm proud of finished render.
- Arch Infil Panel.
- Keystone S/K 90 lintel or equivalent as specified by the lintel manufacturer.
- N.B. All cavity trays should have stop ends where the outer leaf is fairfaced masonry.
- Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-03**
- PVCu double glazed window.
- Coursing block across cill.
- Frame overlap min 30mm.
- Continuous bead mastic sealant around window frame.
- 158mm cill.
- Brick soldier course.
- Openings to have approved insulated cavity closure built into reveal in accordance with manufacturers instructions (min. thermal resistance path of 0.45m k/w).
- 20mm Projecting brick string course.
- 20
- 12.5mm Standard Wallboard on wallboard adhesive to inner leaf blockwork.
- Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-04**

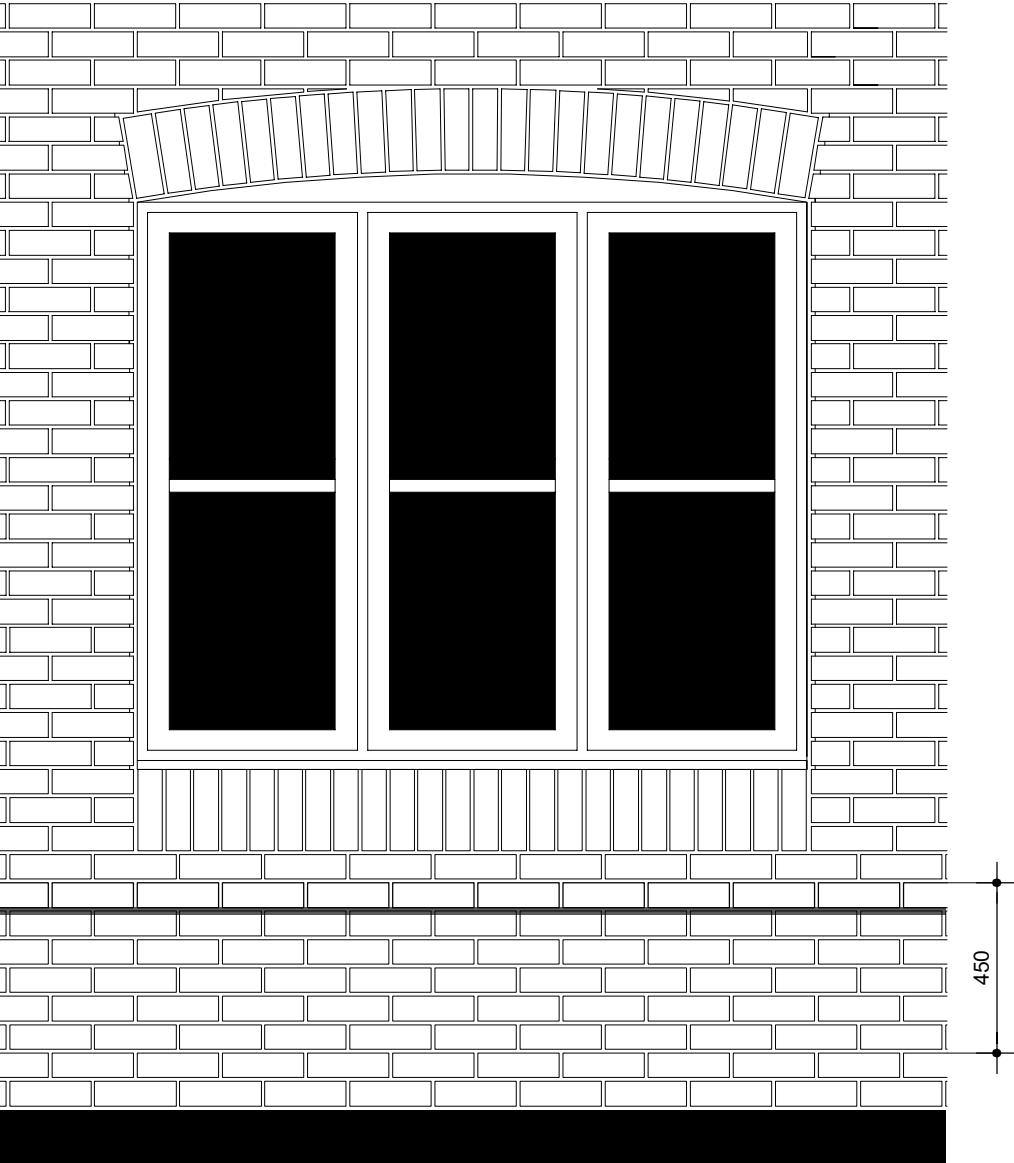
SEAL ALL PENETRATIONS THROUGH BOTH PLASTERBOARD AND ANY FLOOR PENETRATION USING A FLEXIBLE SEALANT OR TAPE

SECTION THROUGH REVEAL
(SCALE 1:10)

- 100mm 'Durox Supabloc' 3.5N/mm² blockwork inner leaf.
- Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.
- Openings to have proprietary closure with min. thermal resistance path of 0.45m k/w.
- 102.5mm facing brickwork.



SEGMENTAL PREFORMED ARCH ELEVATION
(SCALE 1:20)



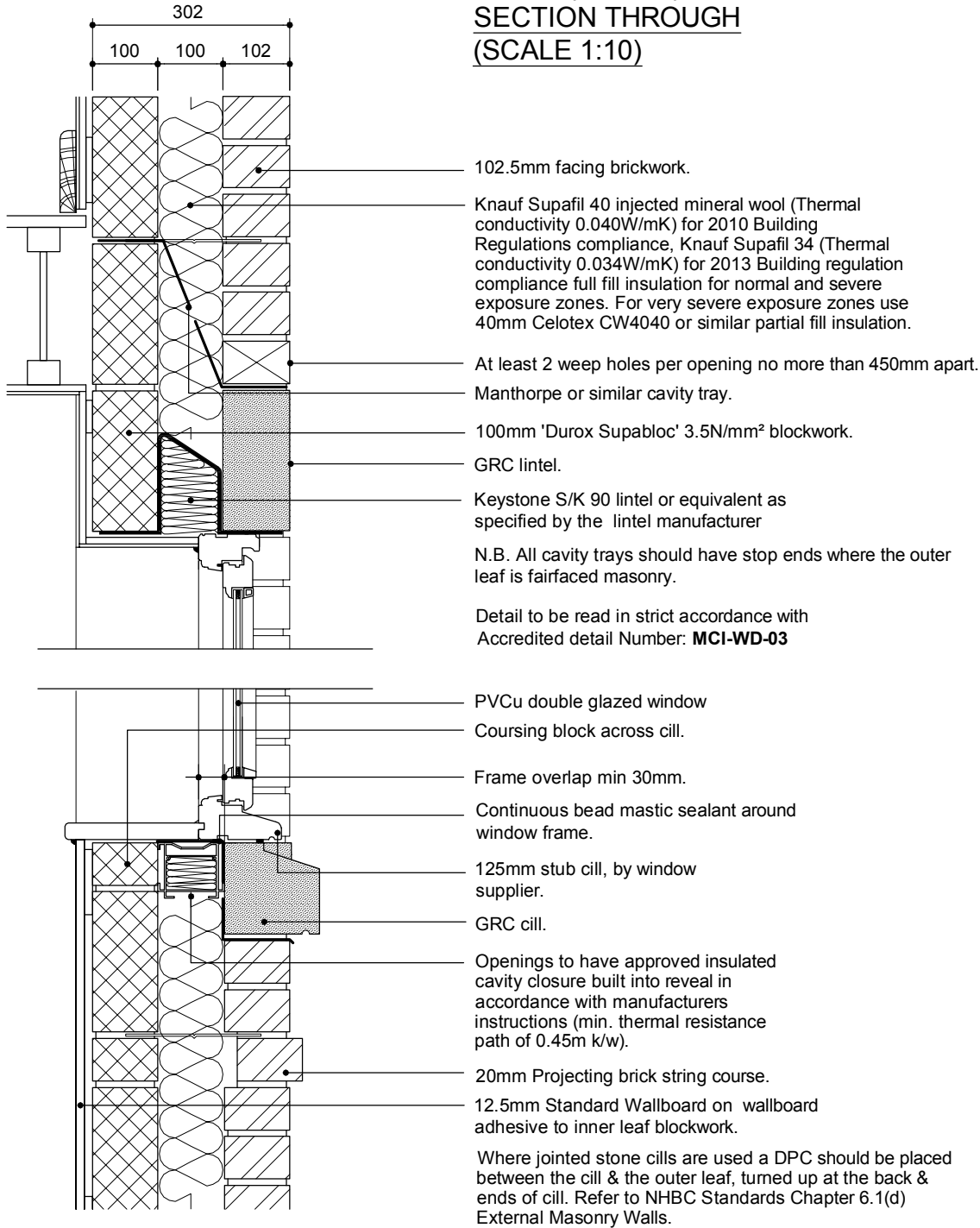
Rev H (Nov 2018) - Brick soldier course added.
Rev G (Sept 2016) - Cut brick cill added.
Rev F (April 2016) - Cavity wall insulation note amended, drawing title sheet amended.
Rev E (Nov 2015) - Section amended to show preferred option.



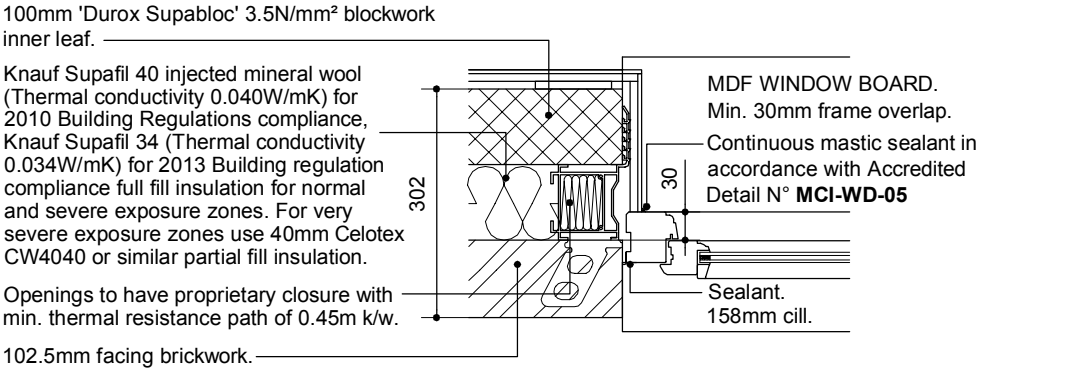
Drawing Title:
Segmental Preformed Brick Slip
Arch Detail

Date. March 2013	Scale. Various @ A3
Dwg No. CE[13]03	Rev. H

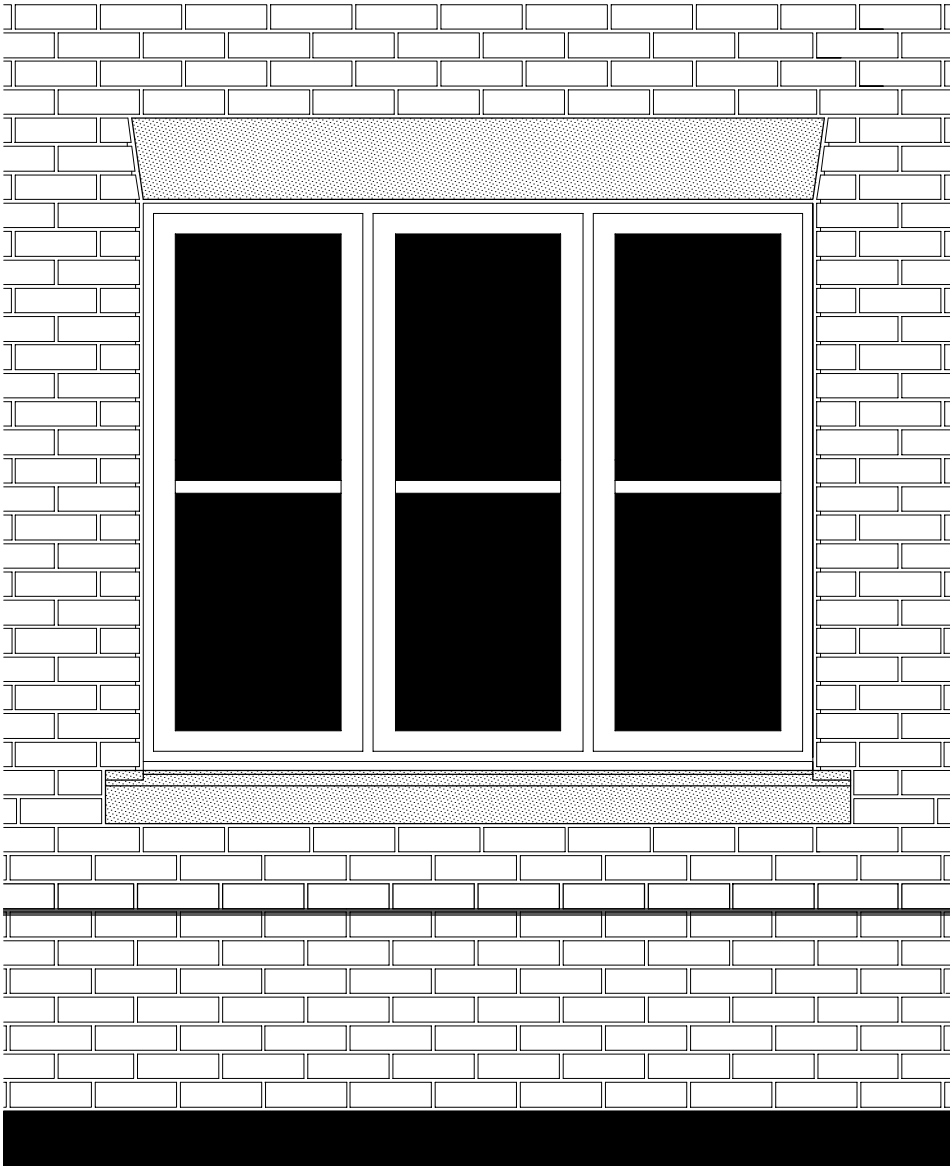
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SECTION THROUGH REVEAL
(SCALE 1:10)

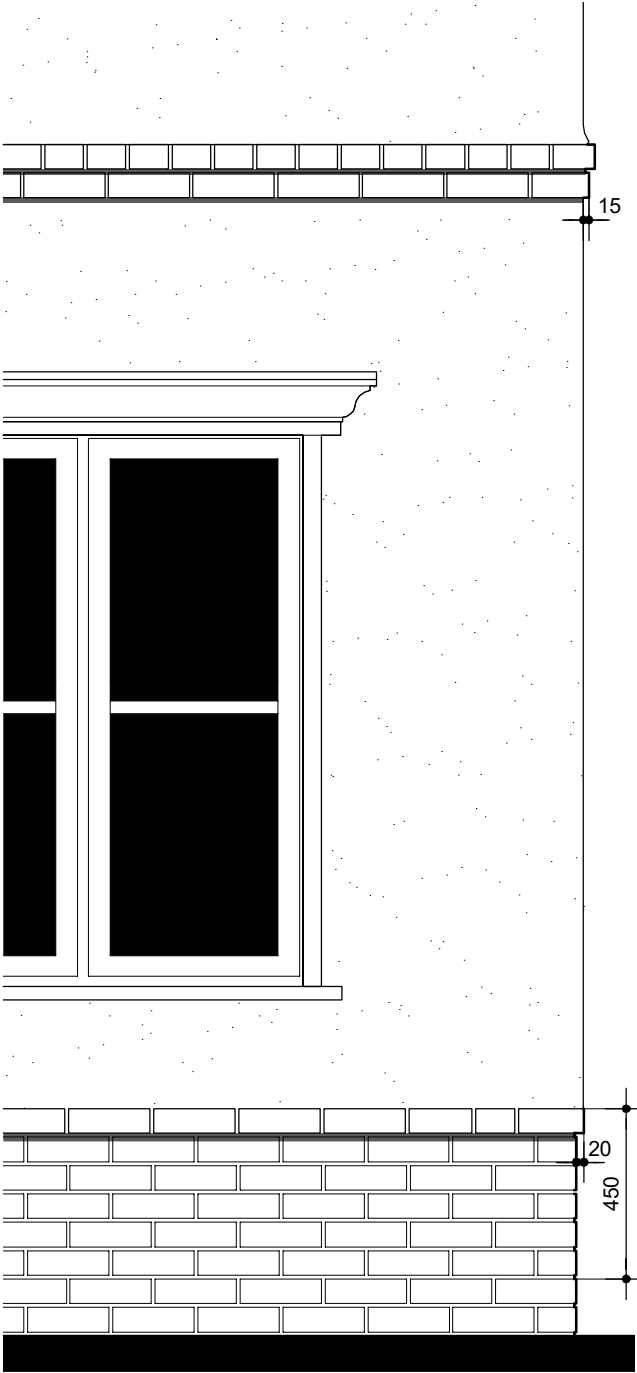


RECONSTITUTED STONE LINTEL AND CILL
ELEVATION (SCALE 1:20)

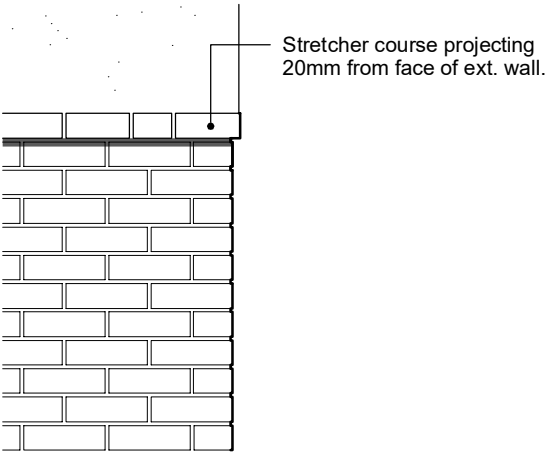


Rev B (April 2016) - Cavity wall insulation note amended, drawing title sheet amended.
Rev A (May 2014) - Cavity tray type amended.

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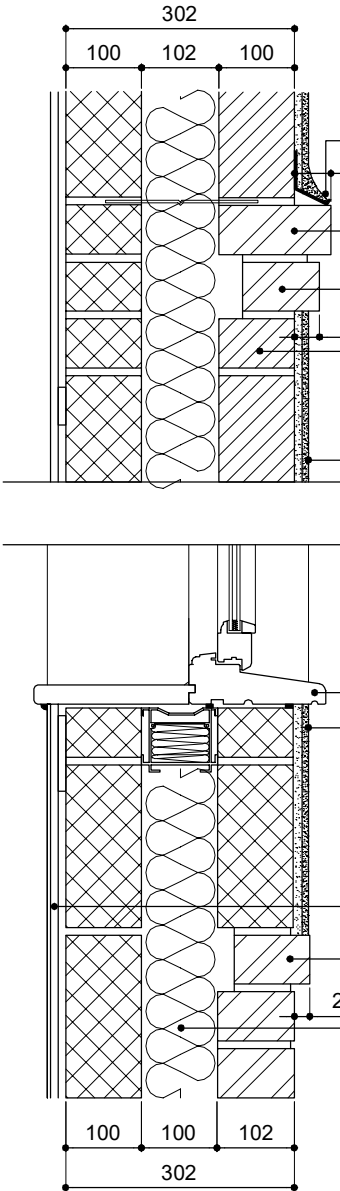
PART ELEVATION (1:20)



HIGH LEVEL STRETCHER COURSE
PART ELEVATION (1:20)

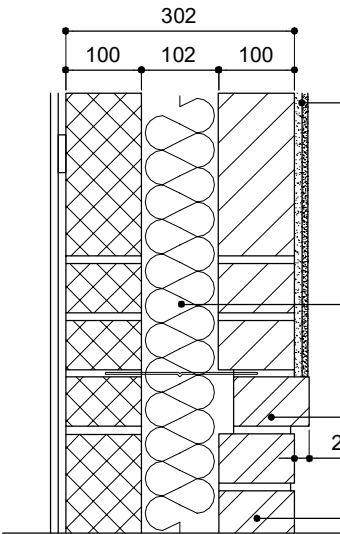
STRING SECTION

Scale 1:10



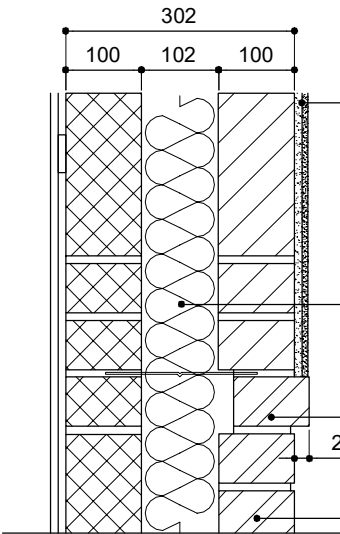
CILL SECTION

Scale 1:10



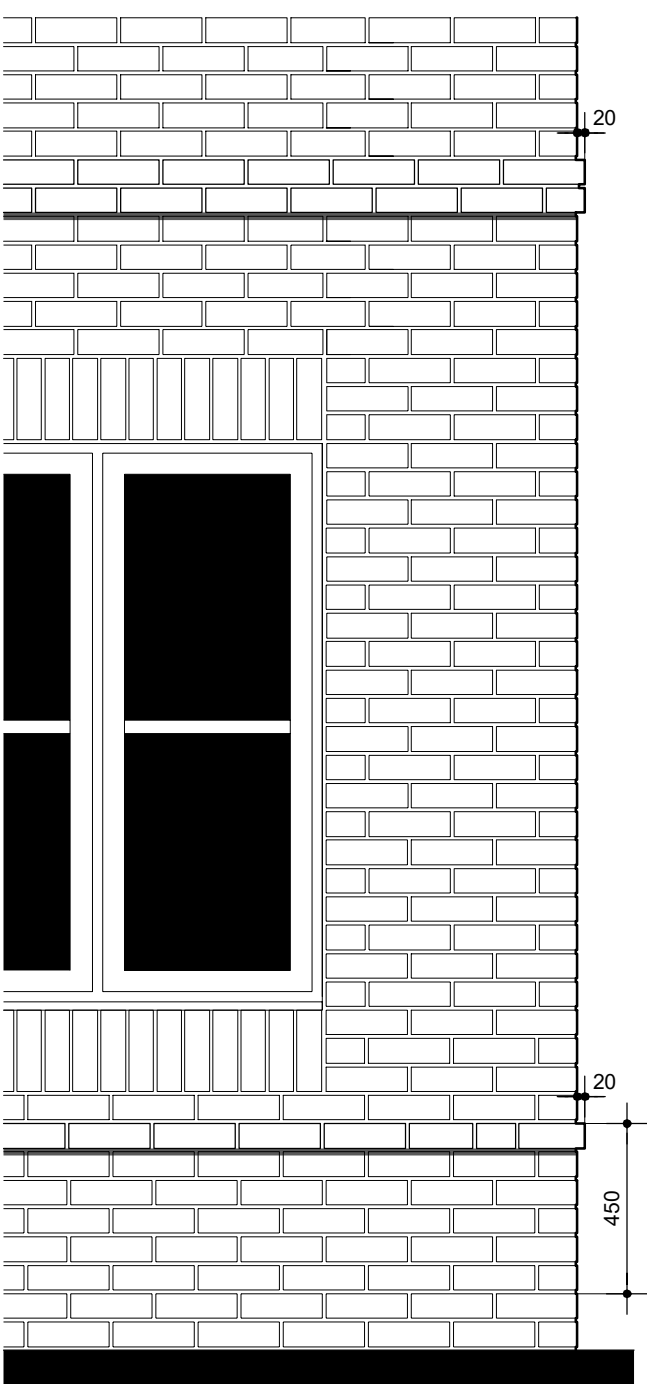
STRETCHER SECTION

Scale 1:10



- Bell cast (render stop) bead (stainless steel to BSEN 10088-21.4301) or uPVC.
- Snapped header course projecting 48mm from face of ex. wall.
- Stretcher course projecting 33mm from face of ex. wall.
- 100mm dense concrete blockwork outerleaf (7N/mm² - as shown on working drawings and structural calculations)
- Proprietary through coloured render (in accordance with manufacturers requirements and recommendations) on 100mm medium density concrete blockwork outerleaf. (7N/mm² - as shown on working drawings and structural calculations).
- 180mm cill.
- Proprietary through coloured render (in accordance with manufacturers requirements and recommendations) on 100mm medium density concrete blockwork outerleaf. (7N/mm² - as shown on working drawings and structural calculations).
- 12.5mm Standard Wallboard on wallboard adhesive to inner leaf blockwork
- 20mm Projecting brick string course.
- Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.

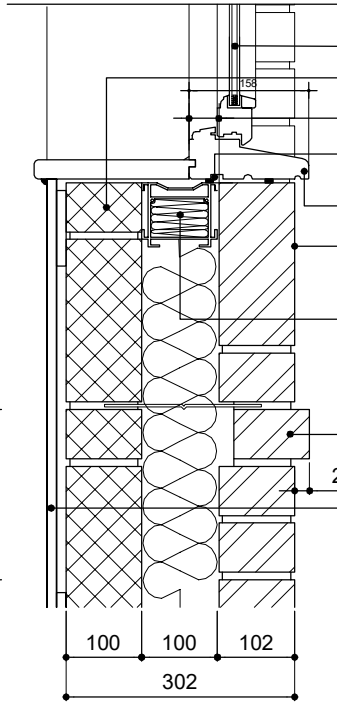
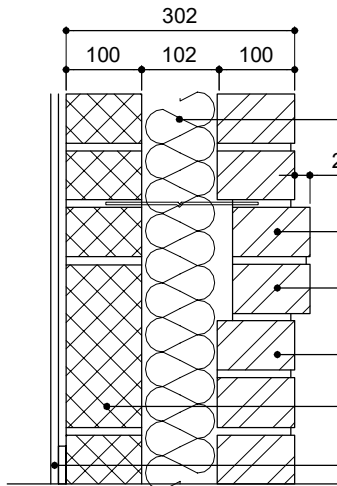
- Proprietary through coloured render (in accordance with manufacturers requirements and recommendations) on 100mm medium density concrete blockwork outerleaf. (7N/mm² - as shown on working drawings and structural calculations).
- Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.
- Stretcher course projecting 20mm from face of ext. wall.
- 102.5mm facing brickwork.



PART ELEVATION (1:20)

STRING SECTION

Scale 1:10



CILL SECTION

Scale 1:10

- Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.
- Stretcher course projecting 20mm from face of ext. wall.
- 102.5mm facing brickwork.
- 100mm 'Durox Supabloc' 3.5N/mm² blockwork.
- 12.5mm Standard Wallboard on wallboard adhesive to inner leaf blockwork
- Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-03**

- PVCu double glazed window.
- Coursing block across cill.
- Frame overlap min 30mm.
- Continuous bead mastic sealant around window frame.
- 158mm cill.
- Brick soldier course.
- Openings to have approved insulated cavity closure built into reveal in accordance with manufacturers instructions (min. thermal resistance path of 0.45m k/w).
- 20mm Projecting brick string course.
- 12.5mm Standard Wallboard on wallboard adhesive to inner leaf blockwork.
- Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-04**

SEAL ALL PENETRATIONS THROUGH BOTH PLASTERBOARD AND ANY FLOOR PENETRATION USING A FLEXIBLE SEALANT OR TAPE

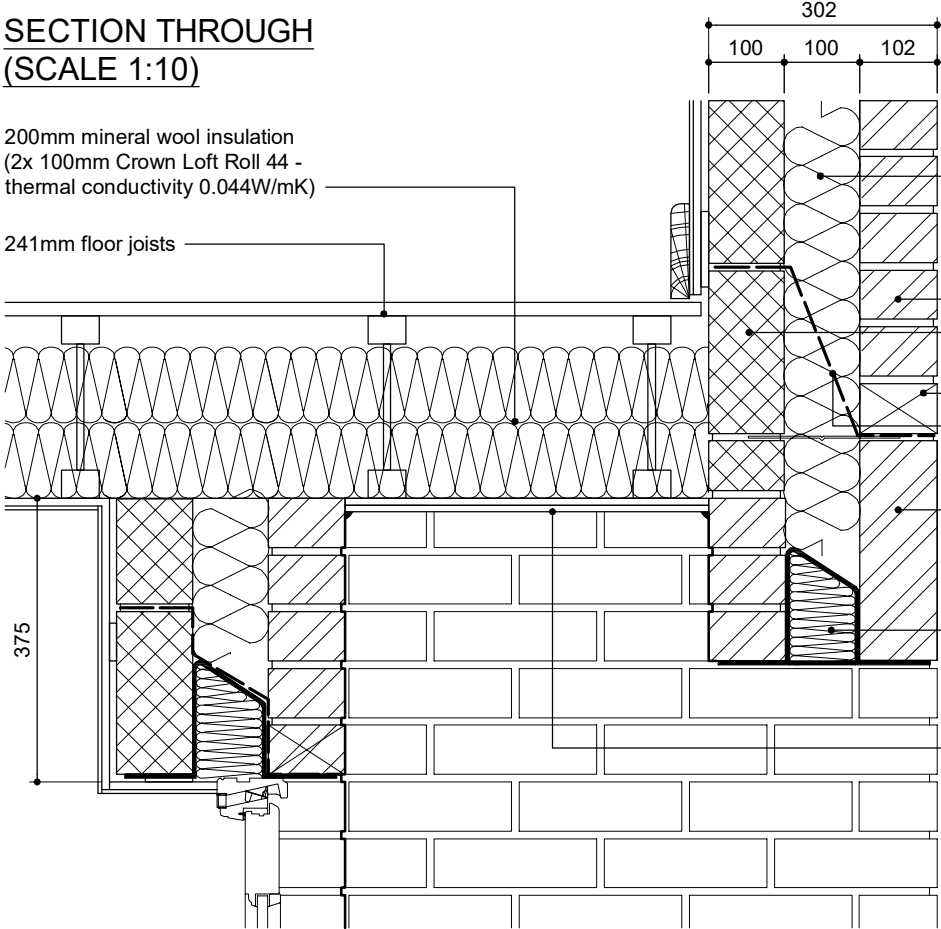
Rev G (Nov 2018) - Brick soldier course added.
 Rev F (Sept 2016) - Cut brick cill added.
 Rev E (April 2016) - Cavity wall insulation note amended, drawing title sheet amended.
 Rev D (Nov 2015) - Manufacturers details amended.

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SECTION THROUGH
(SCALE 1:10)

200mm mineral wool insulation
(2x 100mm Crown Loft Roll 44 -
thermal conductivity 0.044W/mK)

241mm floor joists



Knauf Supafil 40 injected mineral wool
(Thermal conductivity 0.040W/mK) for
2010 Building Regulations compliance,
Knauf Supafil 34 (Thermal conductivity
0.034W/mK) for 2013 Building regulation
compliance full fill insulation for normal
and severe exposure zones. For very
severe exposure zones use 40mm Celotex
CW4040 or similar partial fill insulation.

102.5mm facing brickwork.
100mm 'Durox Supabloc'
3.5N/mm² blockwork.
Weep holes at max 450mm c/c.
Manthorpe or similar cavity tray.

Brick soldier course.

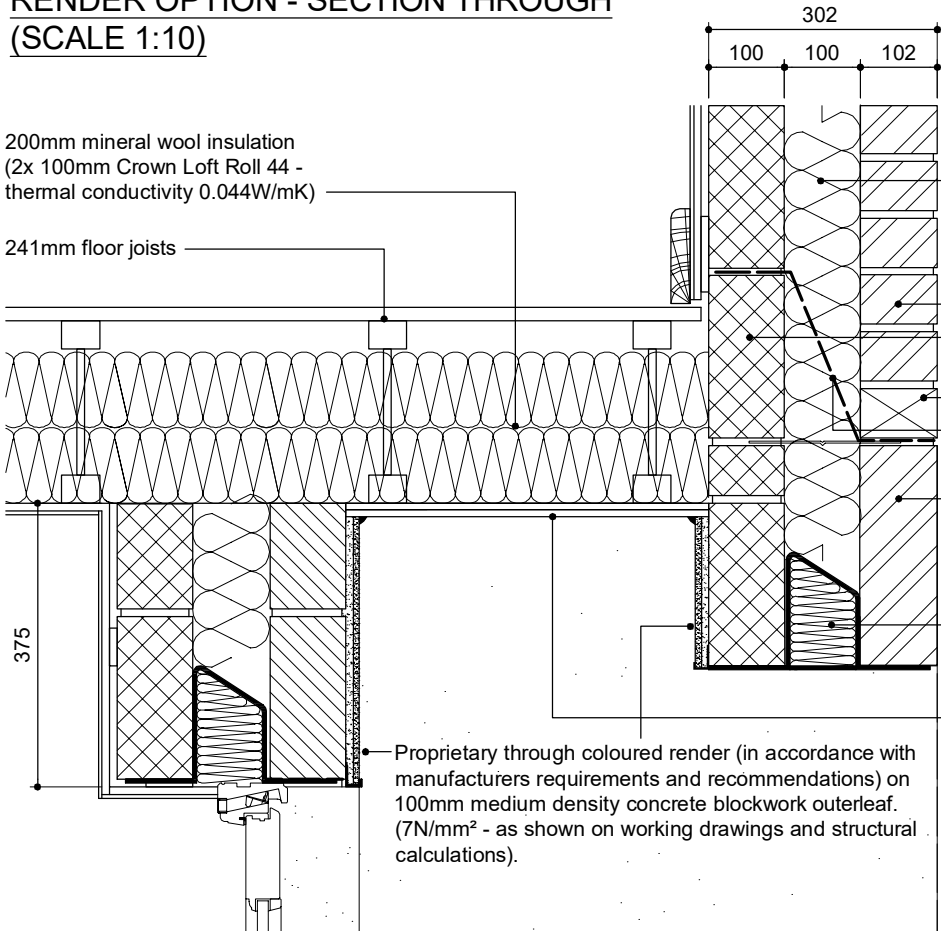
Keystone S/K 90 lintel or
equivalent as specified by the lintel
manufacturer with soffit plate.

9mm masterboard with Hi-build
finish fixed with counter sunk
screws and filled with exterior grade
filler Toupret murexall substrates
filler or similar to 9mm sheathing/ply
board fixed directly to underside of
joists. All perimeter edges sealed to
prevent air leakage. Finished to
regional specification.

RENDER OPTION - SECTION THROUGH
(SCALE 1:10)

200mm mineral wool insulation
(2x 100mm Crown Loft Roll 44 -
thermal conductivity 0.044W/mK)

241mm floor joists



Knauf Supafil 40 injected mineral wool
(Thermal conductivity 0.040W/mK) for
2010 Building Regulations compliance,
Knauf Supafil 34 (Thermal conductivity
0.034W/mK) for 2013 Building regulation
compliance full fill insulation for normal
and severe exposure zones. For very
severe exposure zones use 40mm Celotex
CW4040 or similar partial fill insulation.

102.5mm facing brickwork.
100mm 'Durox Supabloc'
3.5N/mm² blockwork.
Weep holes at max 450mm c/c.
Manthorpe or similar cavity tray.

Brick soldier course. If wall is rendered
lintel to be 5mm proud of finished
render.

Keystone S/K 90 lintel or equivalent as
specified by the lintel manufacturer with
soffit plate.

9mm masterboard with Hi-build
finish fixed with counter sunk
screws and filled with exterior grade
filler Toupret murexall substrates
filler or similar to 9mm sheathing/ply
board fixed directly to underside of
joists. All perimeter edges sealed to
prevent air leakage. Finished to
regional specification.

Proprietary through coloured render (in accordance with
manufacturers requirements and recommendations) on
100mm medium density concrete blockwork outerleaf.
(7N/mm² - as shown on working drawings and structural
calculations).

ELEVATION
(SCALE 1:20)

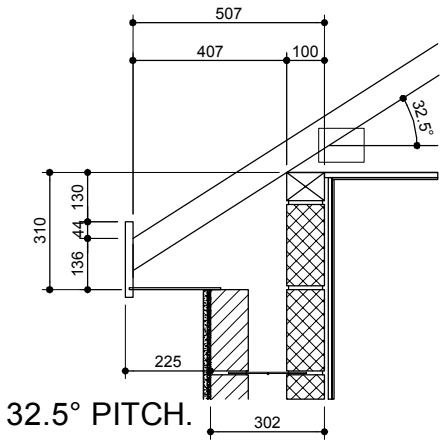
Brick soldier course.



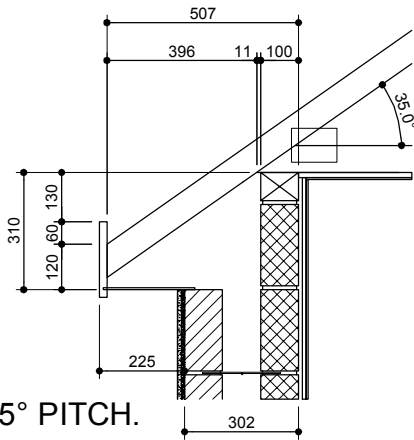
Due to weight of combined frame,
sidelight frames to be supplied to site unglazed.

Rev E (December 2018) - Brick soldier course added.
Rev D (April 2016) - Cavity wall insulation note amended, drawing title sheet amended.
Rev C (Nov 2015) - Manufacturers details amended.

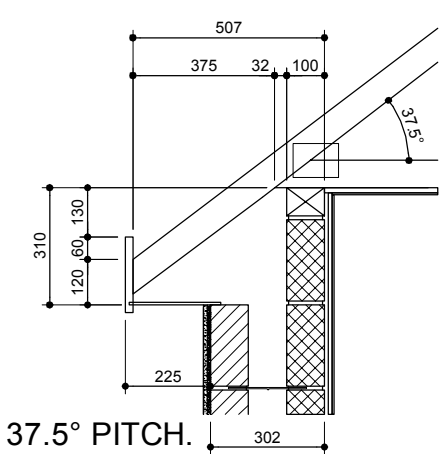
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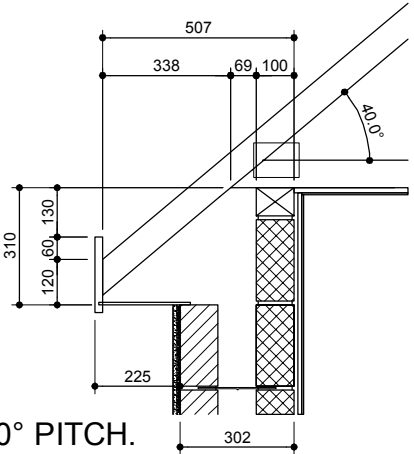
32.5° PITCH.



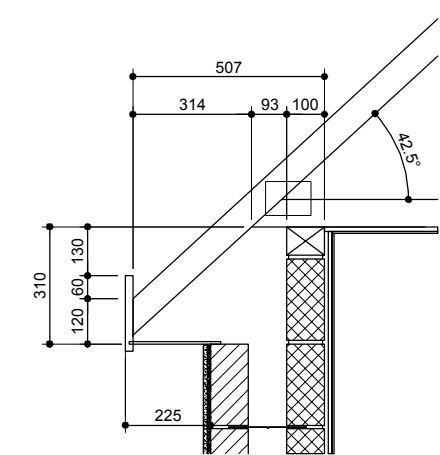
35° PITCH.



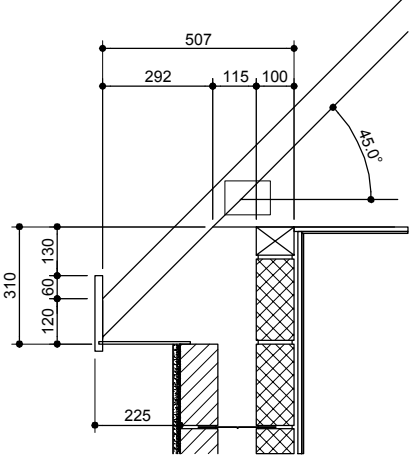
37.5° PITCH.



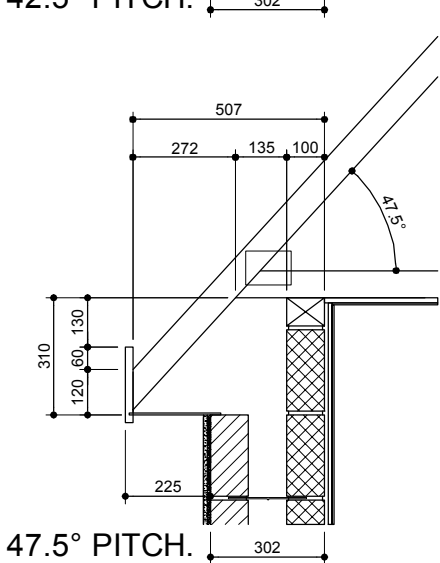
40° PITCH.



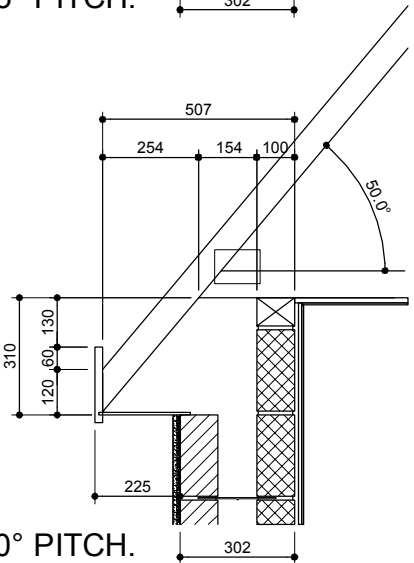
42.5° PITCH.



45° PITCH.

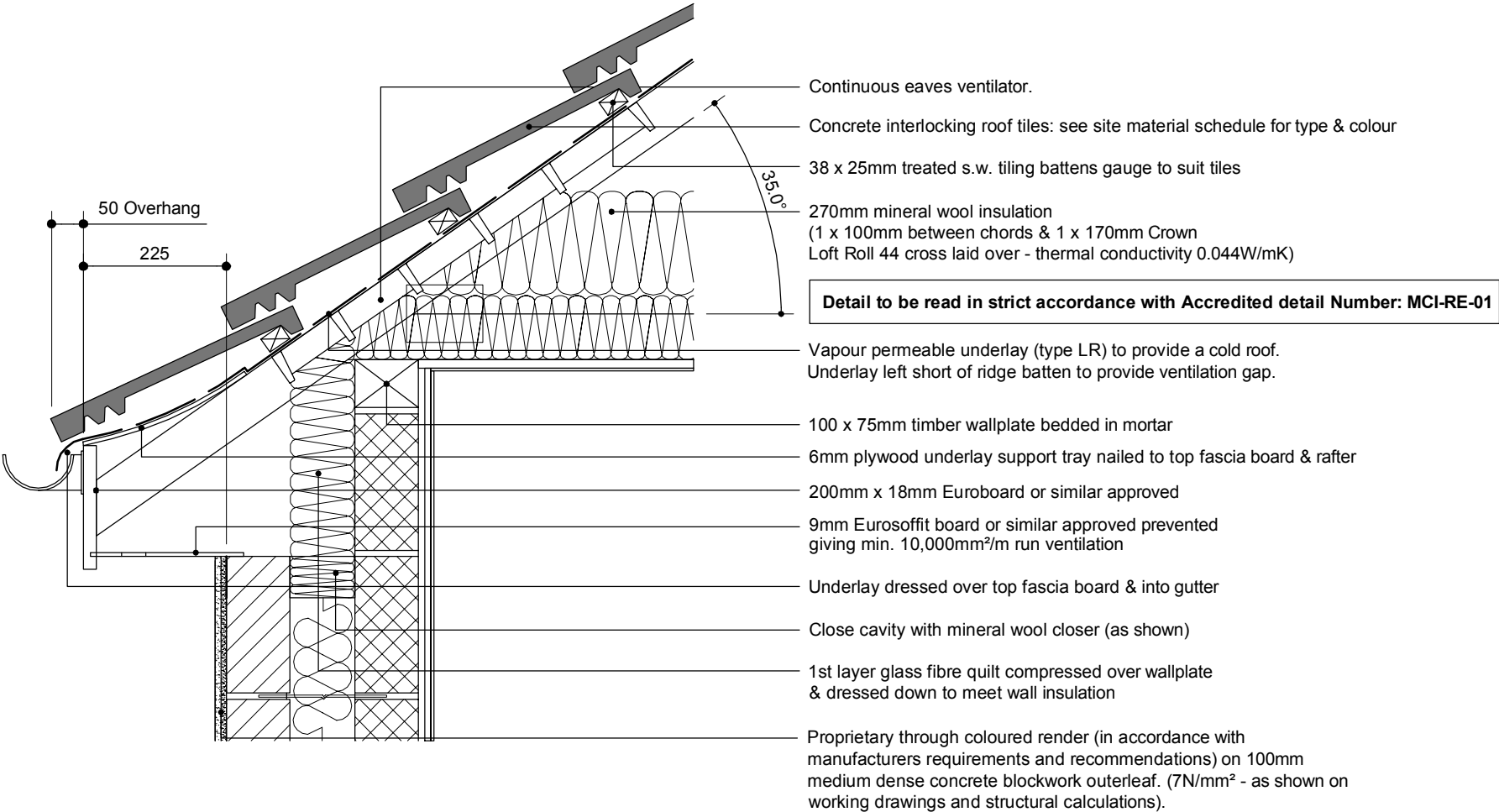


47.5° PITCH.



50° PITCH.

COTTAGE STYLE SOFFIT DETAIL: FIRST FLOOR ROOF & 35° PITCH AVOIDING THERMAL BRIDGE
Scale 1:10

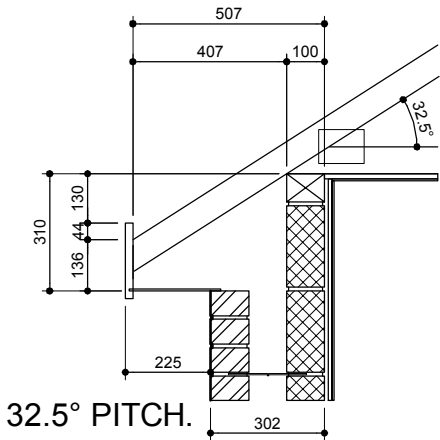


Required truss overhangs first floor roofs only.			
Roof Pitch °	Truss overhang (mm)	Roof Pitch °	Truss overhang (mm)
32.5°	0mm	42.5°	93mm
35°	11mm	45°	115mm
37.5°	32mm	47.5°	135mm
40°	69mm	50°	154mm

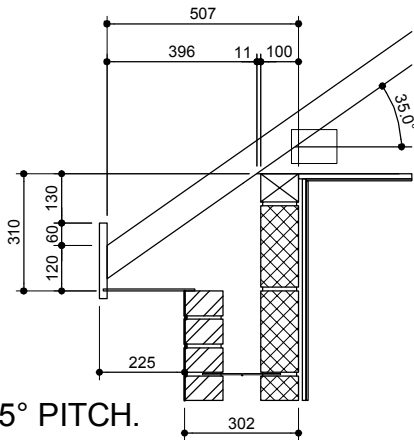
The table shows the required truss overhangs to maintain a 225mm overhang with a 200mm deep fascia. All details assume constant wallplate height of 5185mm, trusses with a 72mm top chord & 100x75mm wallplate

Rev A (Oct 2016) - Fascia increased to 200mm.

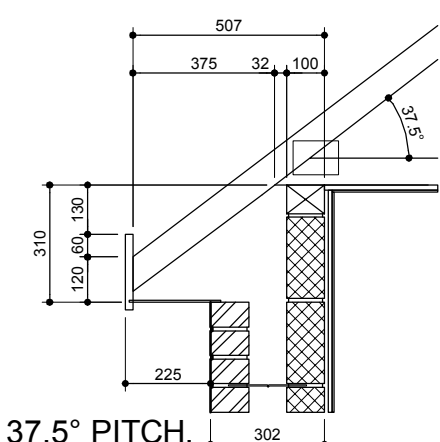
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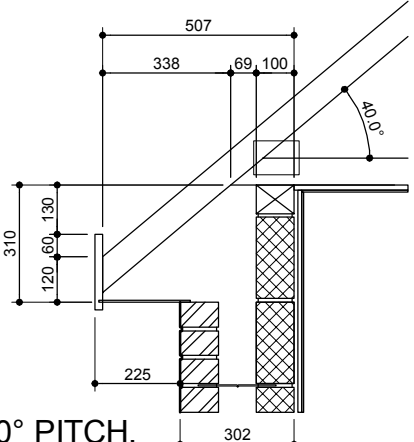
32.5° PITCH.



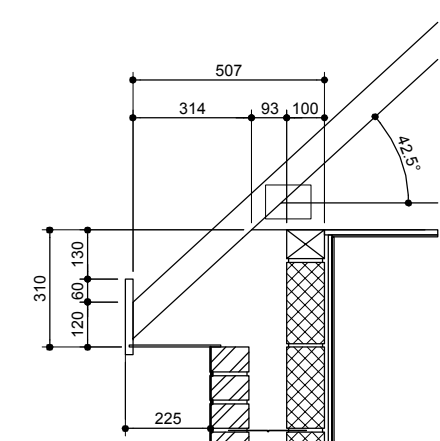
35° PITCH.



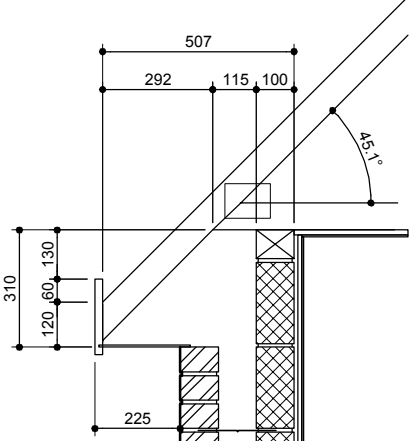
37.5° PITCH.



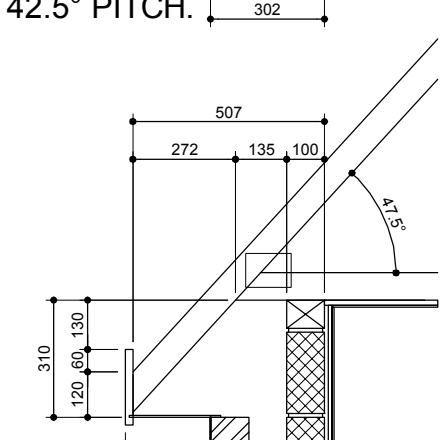
40° PITCH.



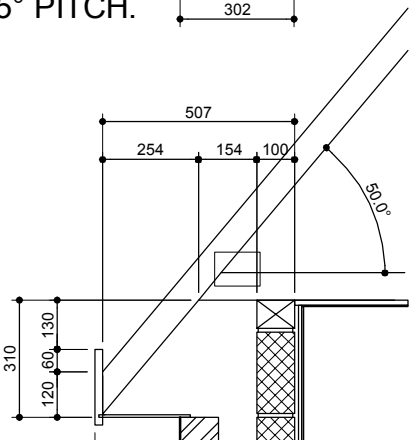
42.5° PITCH.



45° PITCH.

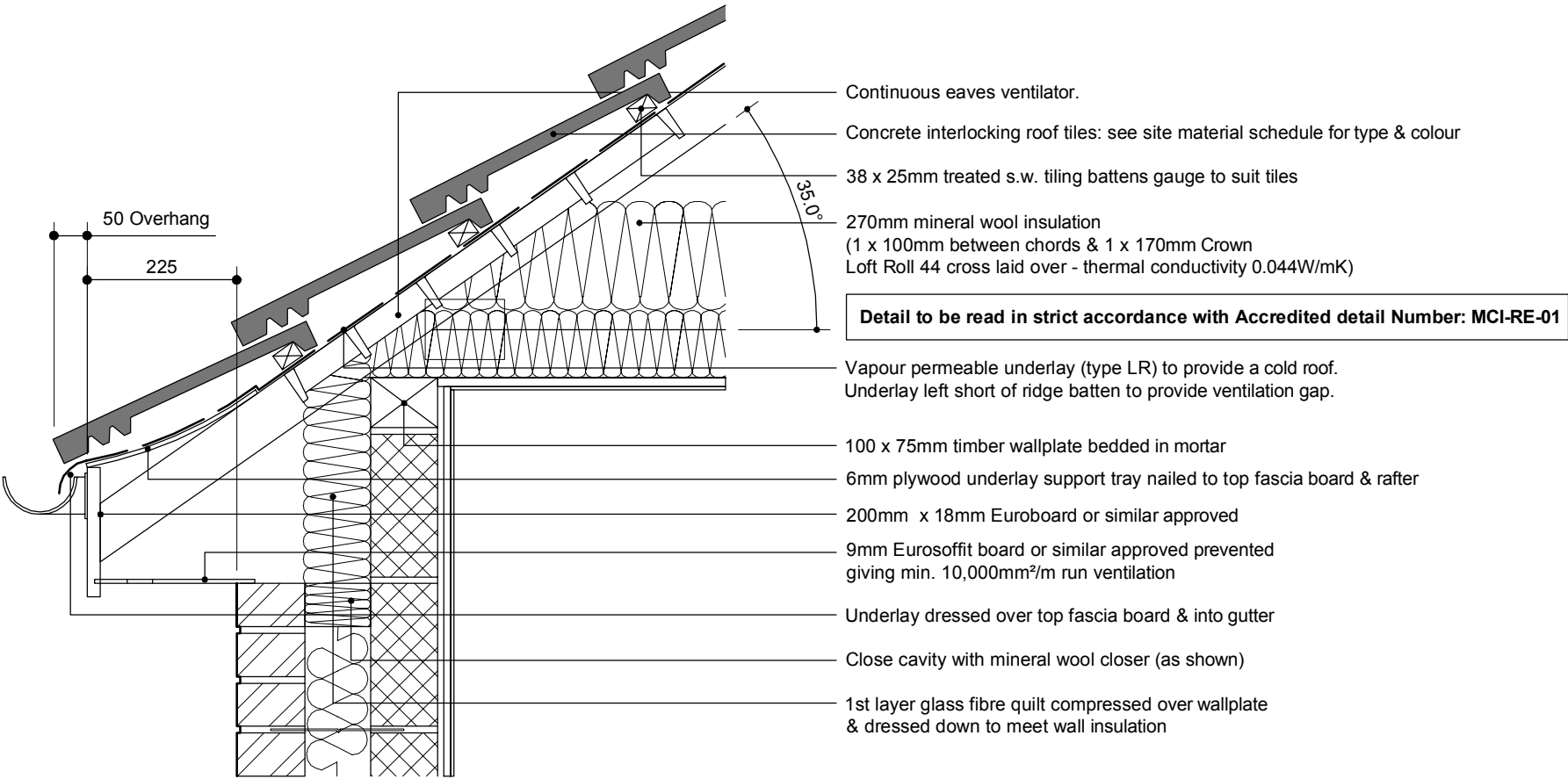


47.5° PITCH.



50° PITCH.

COTTAGE STYLE SOFFIT DETAIL: FIRST FLOOR ROOF & 35° PITCH AVOIDING THERMAL BRIDGE
Scale 1:10



Required truss overspans first floor roofs only.			
Roof Pitch °	Truss overspan (mm)	Roof Pitch °	Truss overspan (mm)
32.5°	0mm	42.5°	93mm
35°	11mm	45°	115mm
37.5°	32mm	47.5°	135mm
40°	69mm	50°	154mm

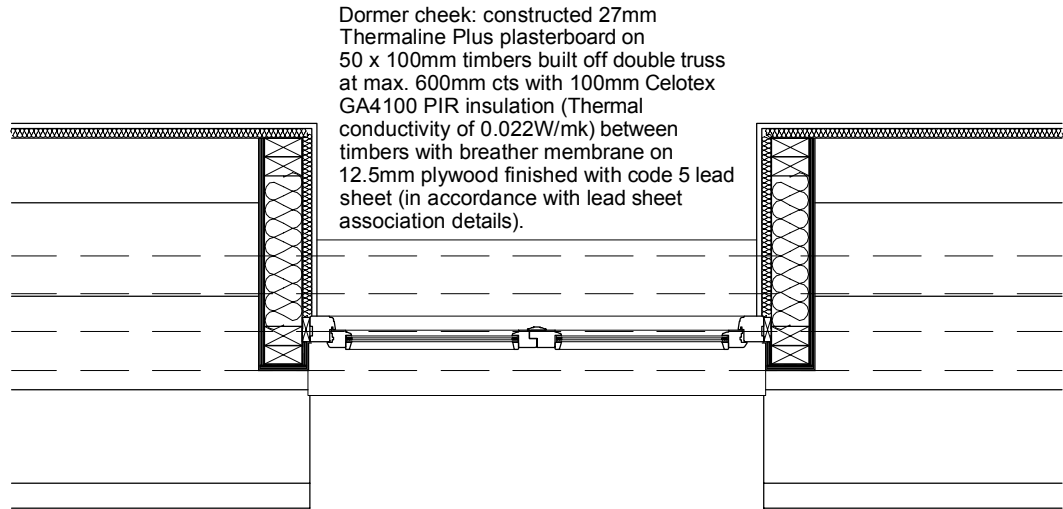
The table shows the required truss overspans to maintain a 225mm overhang with a 200mm deep fascia. All details assume constant wallplate height of 5185mm, trusses with a 72mm top chord & 100x75mm wallplate

Rev A (Oct 2016) - Fascia increased to 200mm.

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ELEVATIONAL SECTION SCALE 1:20



PLAN DETAIL SCALE 1:20

Diminishing trussed rafters.

Insulation as main roof,
see construction specification.

Code 4 lead finish to dormer gable
on 19mm plywood substrate fixed
to face of diminishing truss.

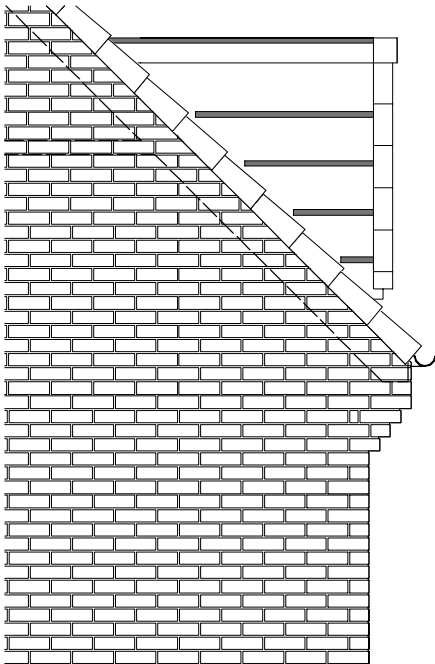
Provide at eaves level ventilation openings at least equal
to continuous strip running the full length of the eaves and
25mm wide both sides where ceiling follows roof slope.

100 x 75mm framing.

9mm Eurosoffit board or similar approved
giving min. 10,000mm²/m run ventilation.

Dormer cheek: constructed 27mm
Thermaline Plus plasterboard on
50 x 100mm timbers built off double truss at
max. 600mm cts with 100mm Celotex
GA4100 PIR insulation (Thermal
conductivity of 0.022W/mk) between timbers
with breather membrane on 12.5mm
plywood finished with code 5 lead sheet (in
accordance with lead sheet association
details).

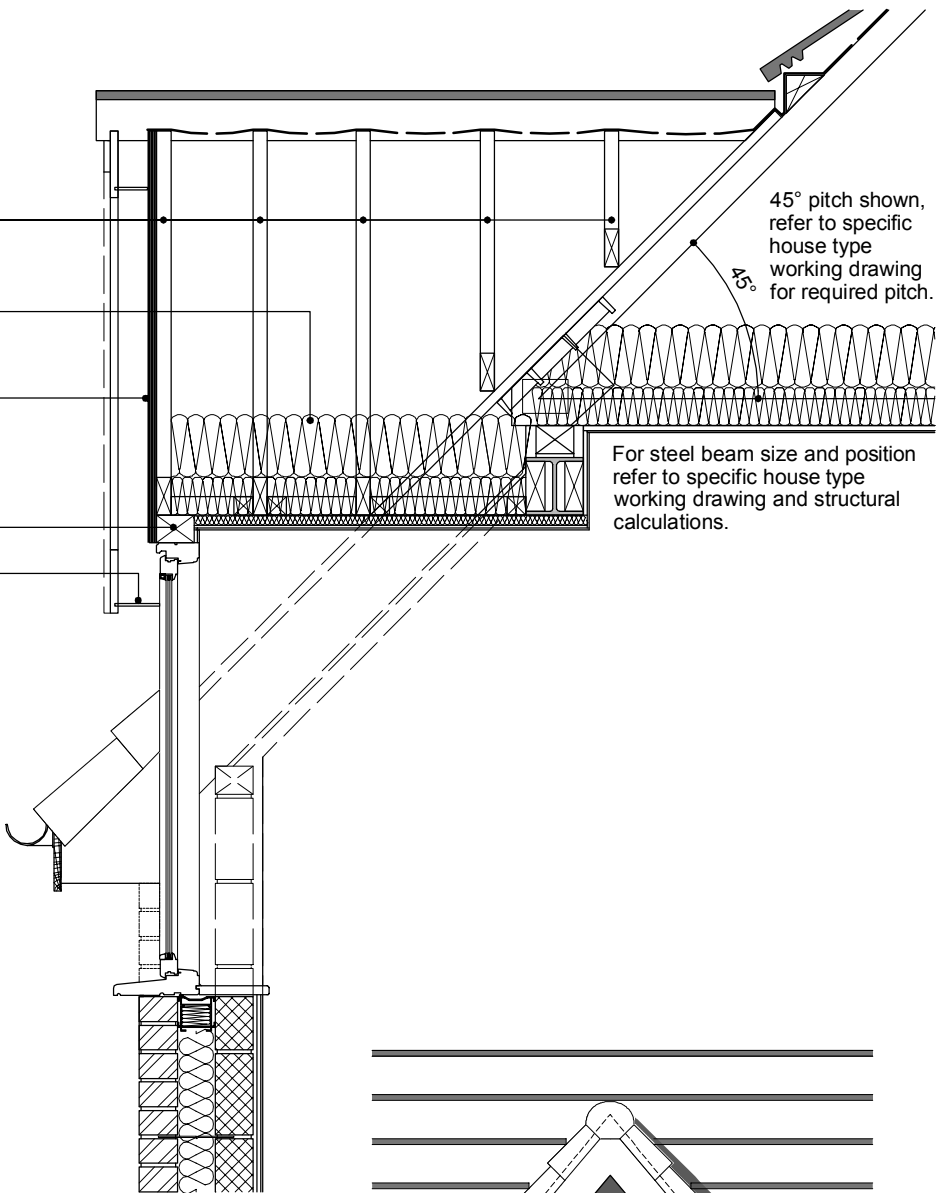
Refer to detail C[6]01 for continuous eaves
ventilation and details of eaves construction.



SIDE ELEVATION

NTS

ALL TIMBER (WHERE USED) TO BE
PRESERVATIVE TREATED TO BS 5268 P.T 5
1977. WITH CUTS & JOINTS TREATED ON SITE.



SECTION
SCALE 1:20



FRONT ELEVATION NTS

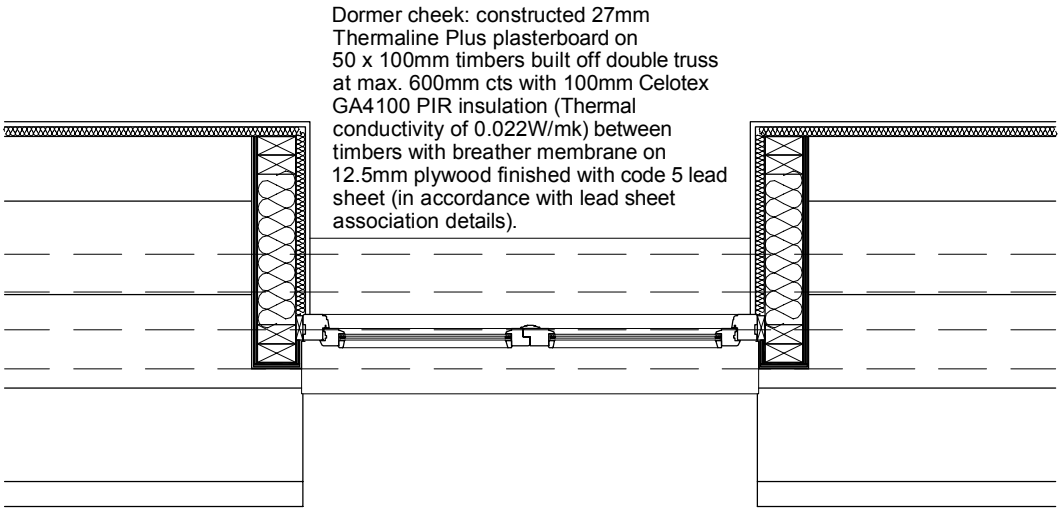
Proprietary dry
verge system.
Refer to regional
specification and
material schedule
for make and
colour.

Rev E (Dec 2016) - Weber.plast synthetic finish & boarding removed from dormer gable, lead finish in place of.
- Dry verge system updated to show mechanically fixed universal dry verge.
Rev D (Sept 2016) - Knauf Aquapanel added in lieu of masterboard.
Rev C (Jul 2015) - Dry verge system updated to show Uni-line.

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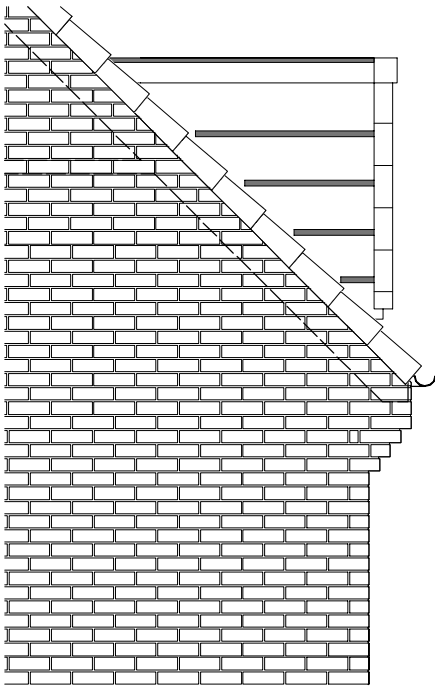


EVATIONAL SECTION SCALE 1:20



PLAN DETAIL SCALE 1:20

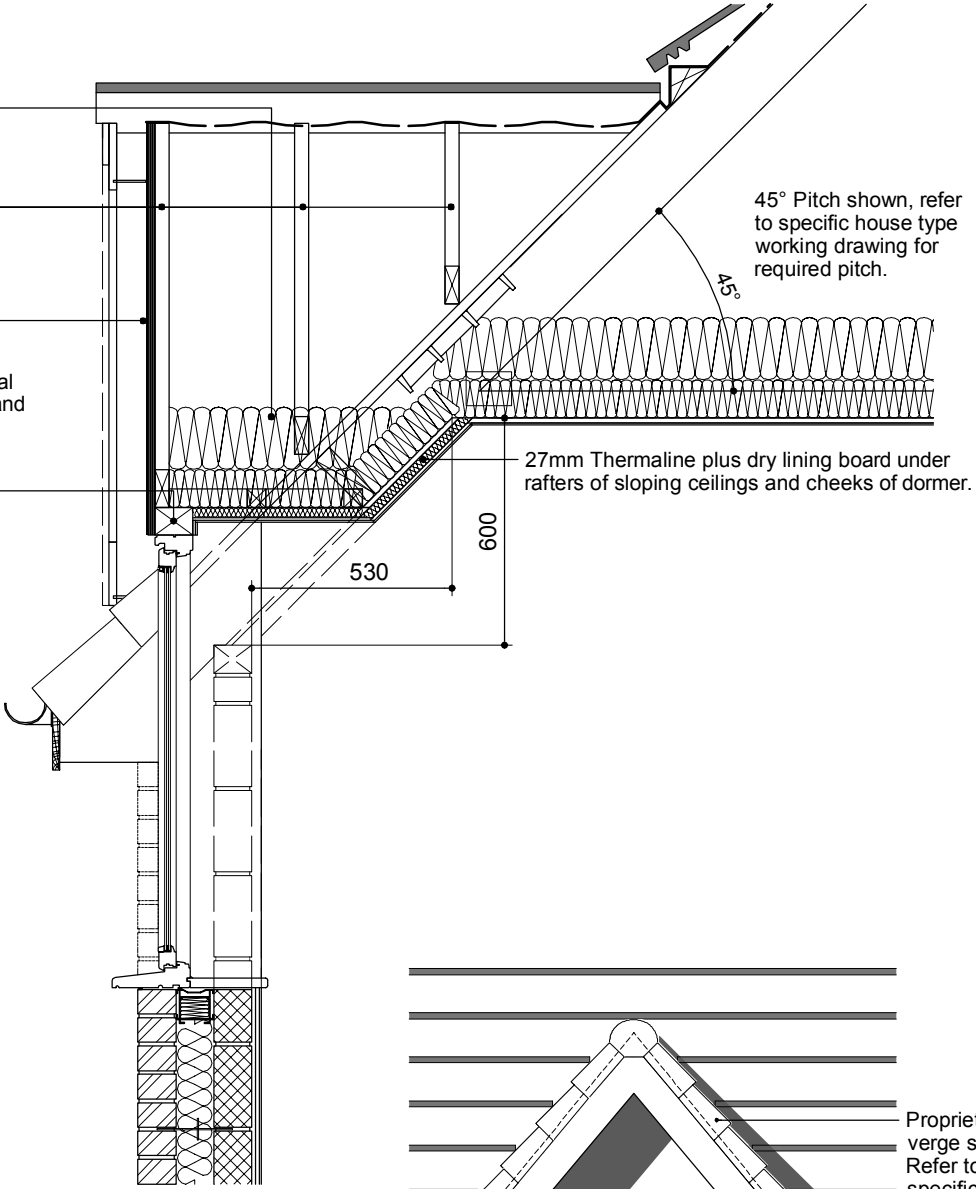
Refer to detail C[6]01 for continuous eaves ventilation and details of eaves construction.



SIDE ELEVATION

NTS

ALL TIMBER (WHERE USED) TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.



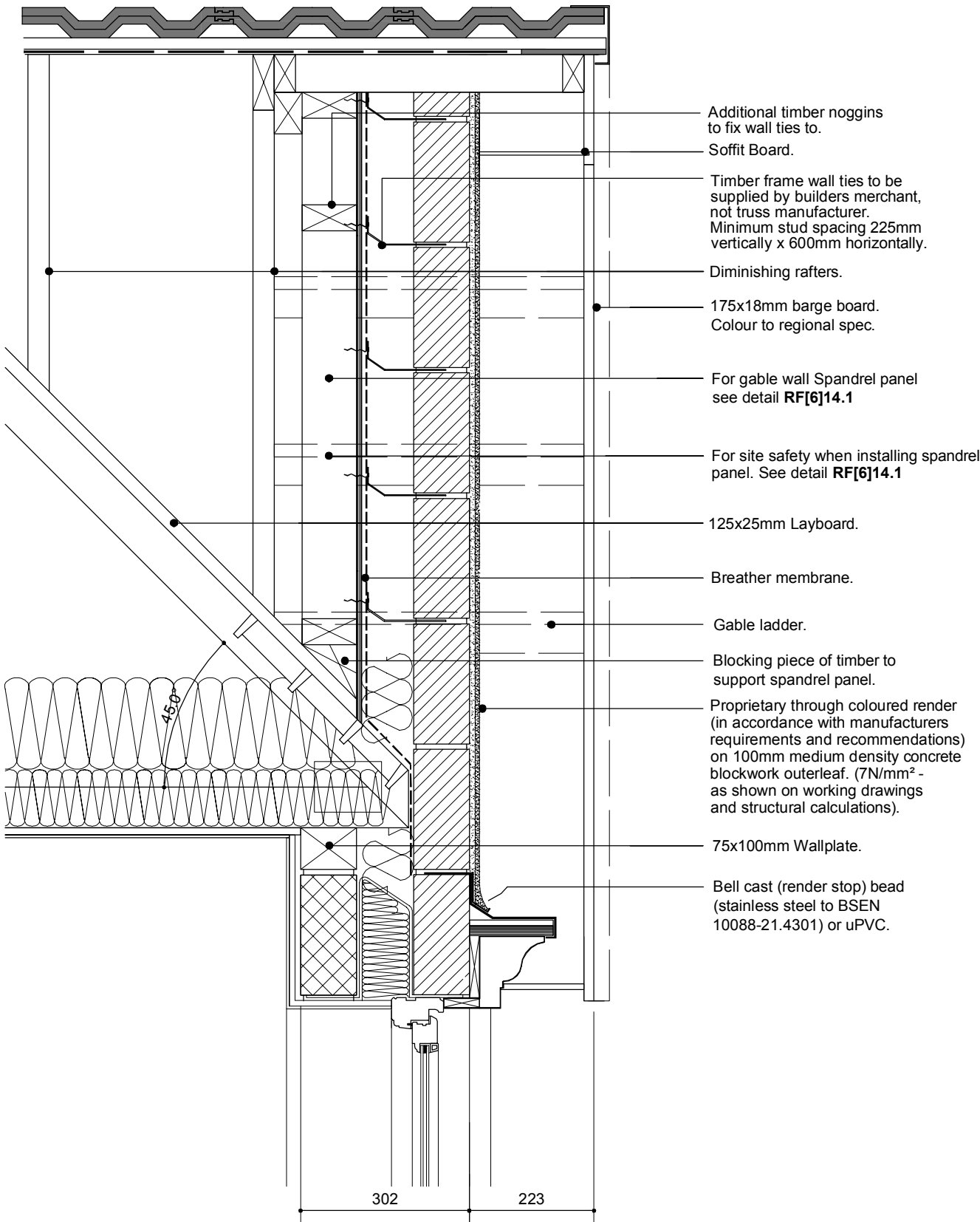
SECTION SCALE 1:20



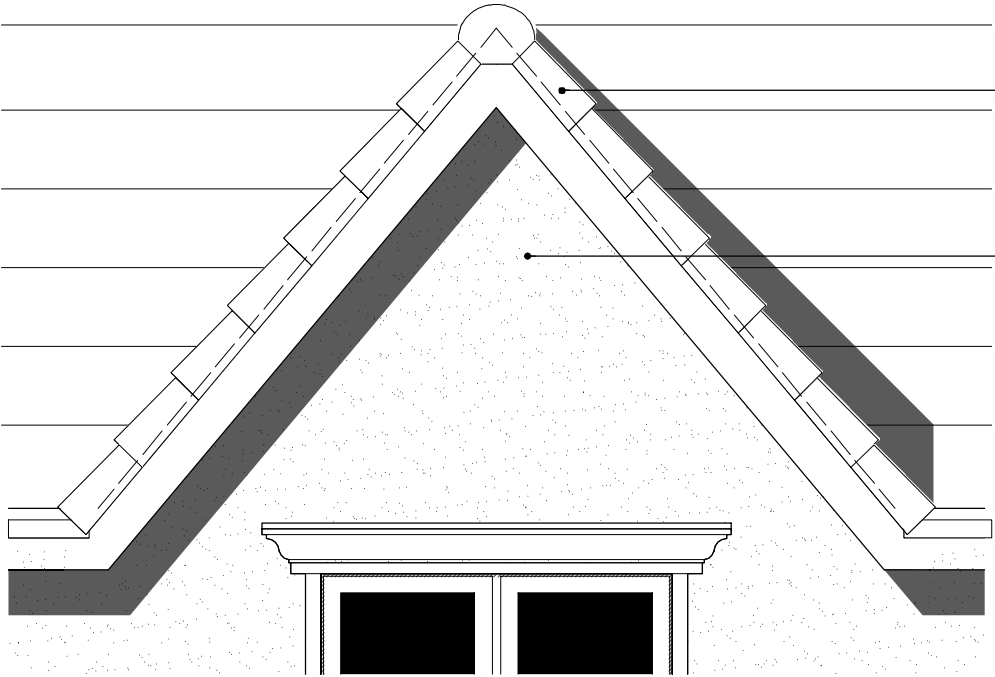
FRONT ELEVATION NTS

Rev E (Dec 2016) - Weber.plast synthetic finish & boarding removed from dormer gable, lead finish in place of.
- Dry verge system updated to show mechanically fixed universal dry verge.
Rev D (Sept 2016) - Knauf Aquapanel added in lieu of masterboard.
Rev C (Jul 2015) - Dry verge system updated to show Uni-line.

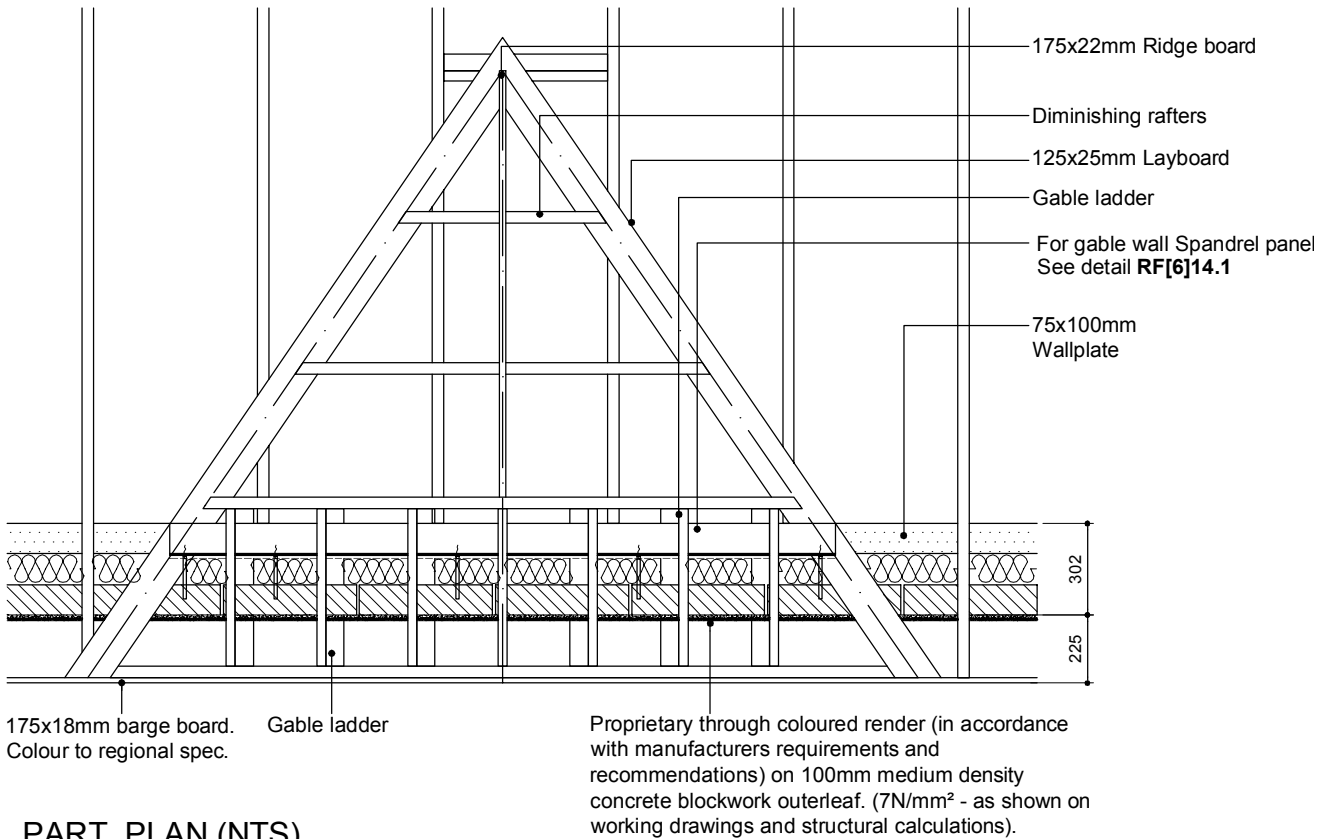
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SECTION A-A (1:10)



PART ELEVATION (NTS)



PART PLAN (NTS)

ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

Rev E (Jan 2017) - Spandrel panel amended in line with comments from NHBC.
Rev D (Dec 2016) - Dry verge system updated to show mechanically fixed universal dry verge.
Rev C (Jul 2015) - Dry verge updated to show Uni-line

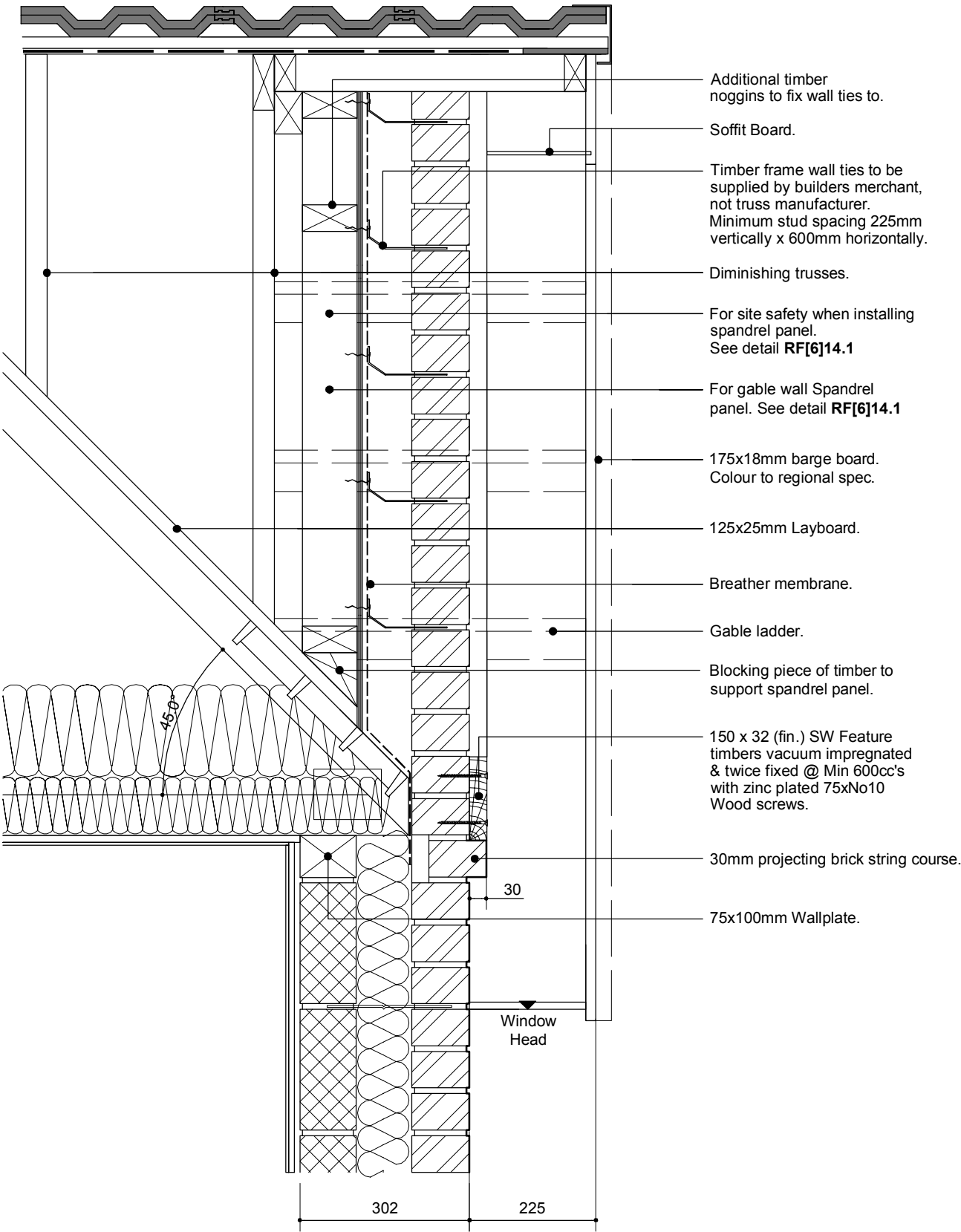


Drawing Title:
Small Pediment Gable Detail

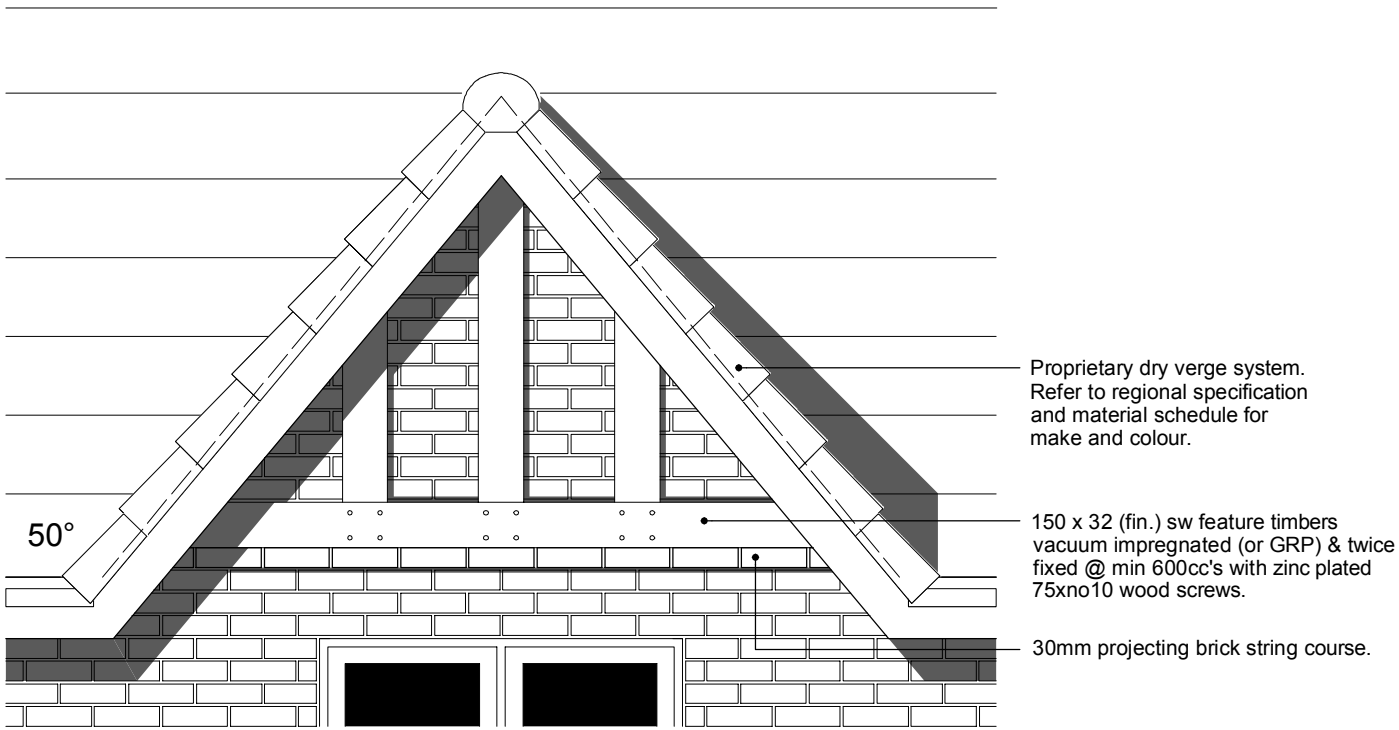
Date. March 2013 Scale. Various @ A3

Dwg No. **CE[13]09.2** Rev. **E**

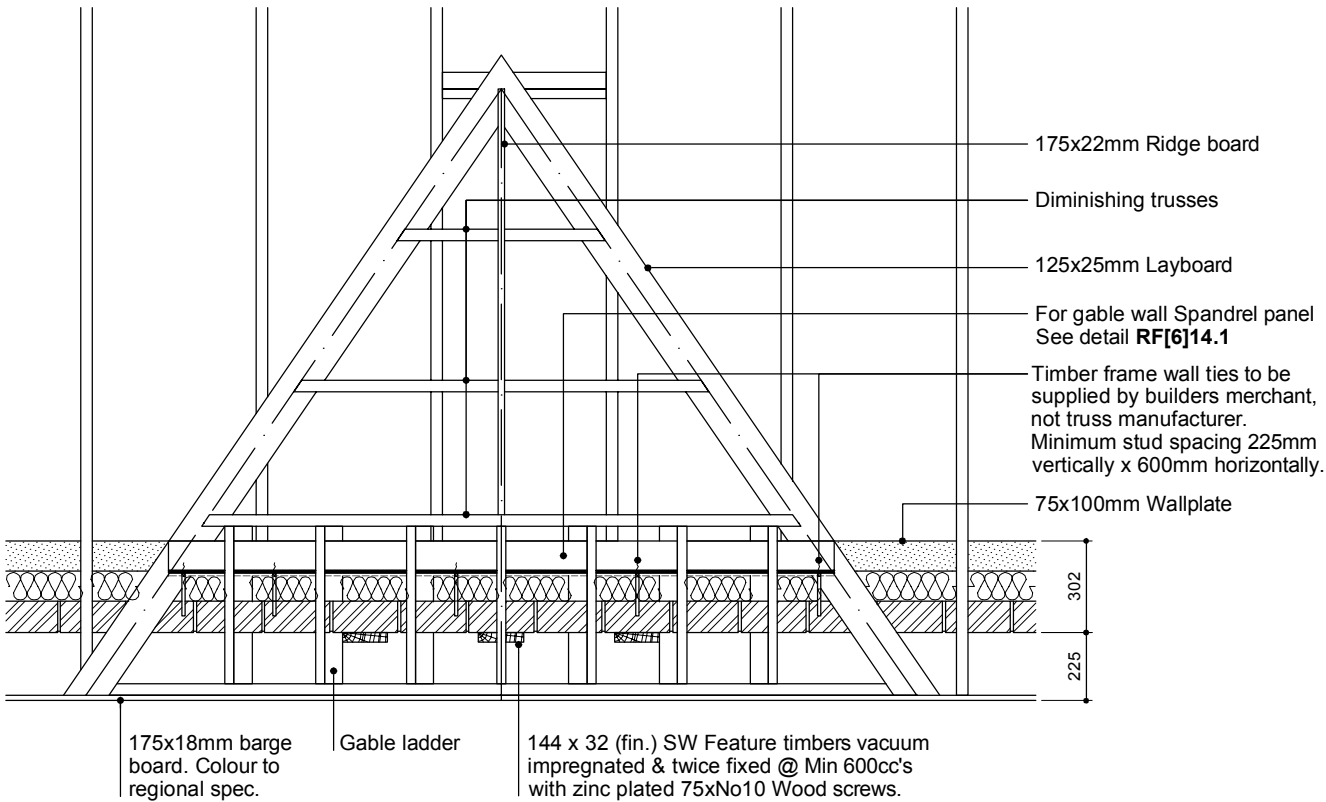
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SECTION A-A (1:10)



PART ELEVATION (NTS)



PART PLAN (NTS)

Rev E (Jan 2017) - Spandrel panel amended in line with comments from NHBC.
Rev D (Nov 2016) - Render removed from gable, brickwork in lieu of.
- Dry verge system updated to show mechanically fixed universal dry verge.
Rev C (Jul 2015) - Dry verge updated to show Uni-line.

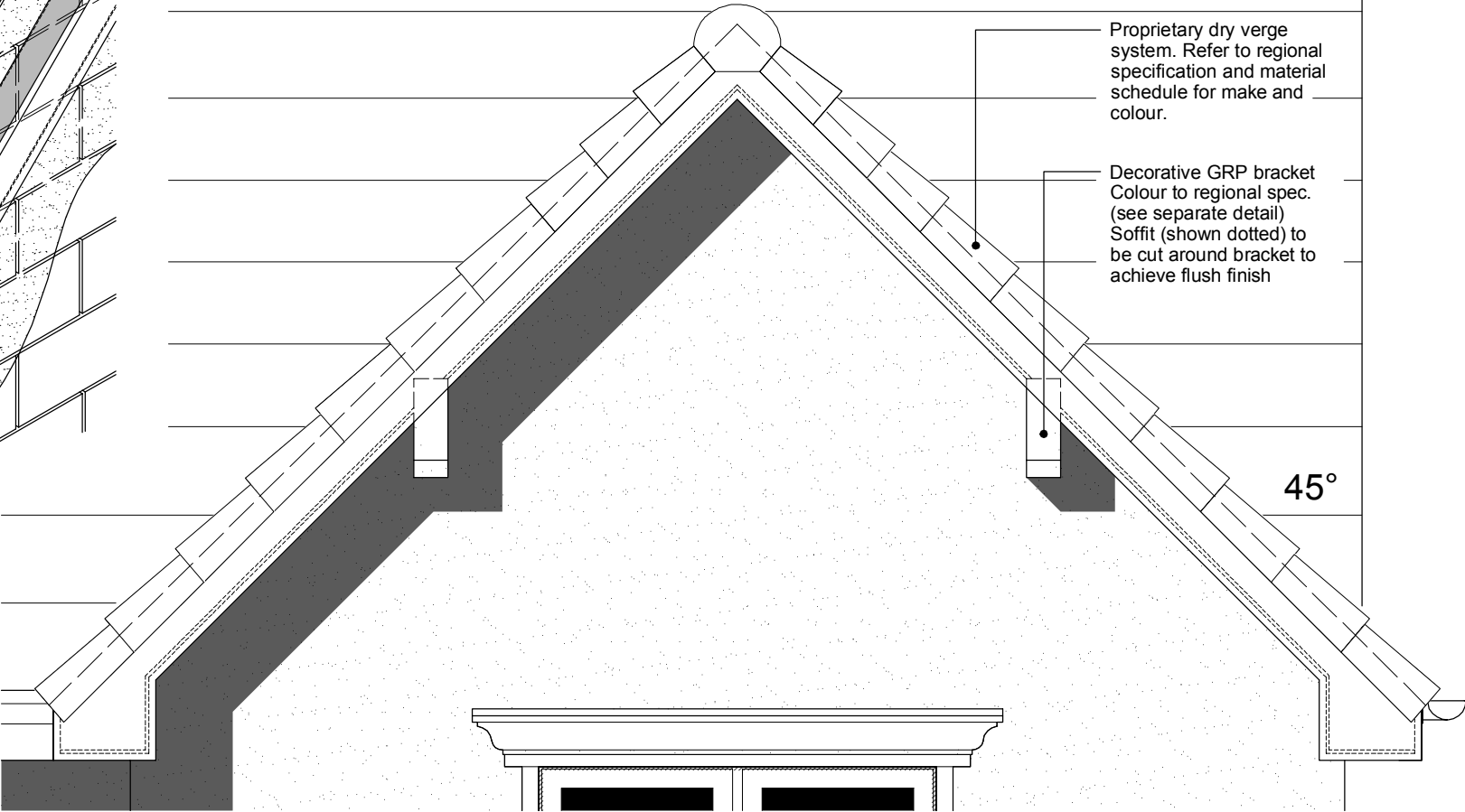
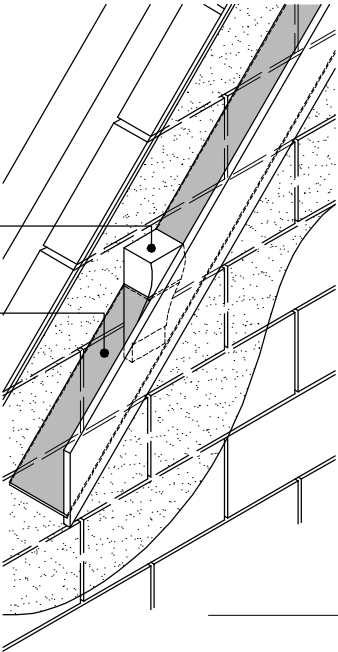
BLOOR HOMES® ©this drawing is copyright.	Drawing Title: Small Pediment Gable with Tudor Boarding & String Details	Date. March 2013	Scale. Various @ A3
		Dwg No. CE[13]09	Rev. E

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DECORATIVE BRACKET
ISOMETRIC DETAIL
(Scale 1:20)

Decorative GRP bracket
Colour to regional spec.
(see separate detail)
Soffit (shown dotted) to
be cut around bracket
to achieve flush finish

Soffit



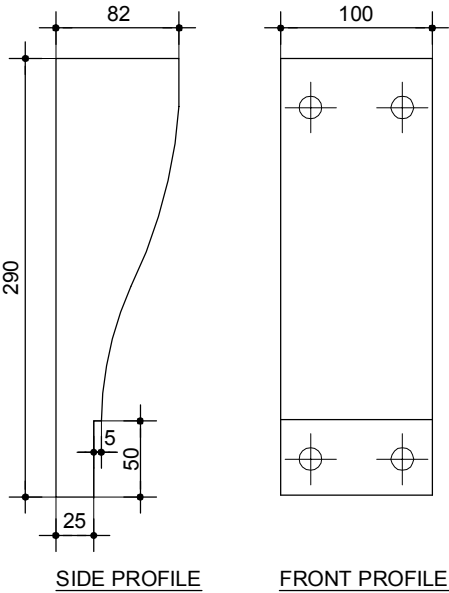
Proprietary dry verge
system. Refer to regional
specification and material
schedule for make and
colour.

Decorative GRP bracket
Colour to regional spec.
(see separate detail)
Soffit (shown dotted) to
be cut around bracket
to achieve flush finish

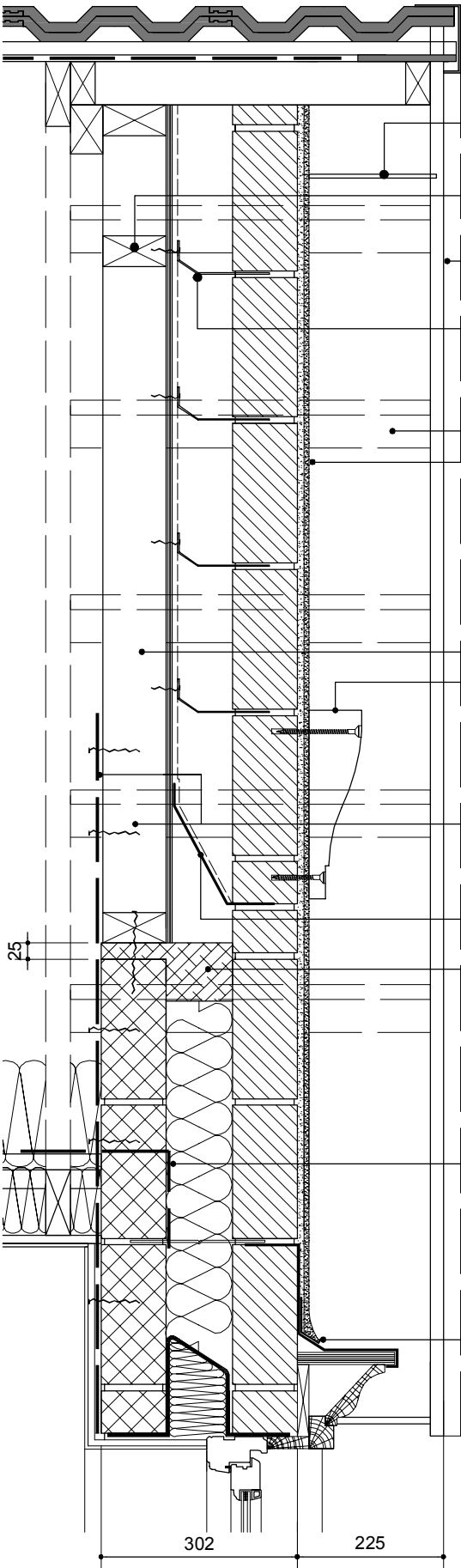
45°

PART ELEVATION (Scale 1:20)

DECORATIVE GRP
BRACKET (Scale 1:5)



Colour to regional specification.



Soffit Board.

Additional timber noggins to fix
wall ties to.

175x18mm barge board.
Colour to regional spec.

Timber frame wall ties to be supplied
by builders merchant, not truss
manufacturer. Minimum stud spacing
225mm vertically x 600mm
horizontally.

Gable ladder

Proprietary through
coloured render (in accordance
with manufacturers requirements
and recommendations) on 100mm
dense concrete blockwork outerleaf.
(7N/mm² - as shown on working
drawings and structural calculations).

For site safety when installing
spandrel panel
see detail RF[6]14.1

Decorative GRP bracket
Colour to regional spec.
(see separate detail)
Soffit (shown dotted) to
be cut around bracket
to achieve flush finish

For Gable Wall Spandrel Panel &
Strapping. See detail RF[6]14.1

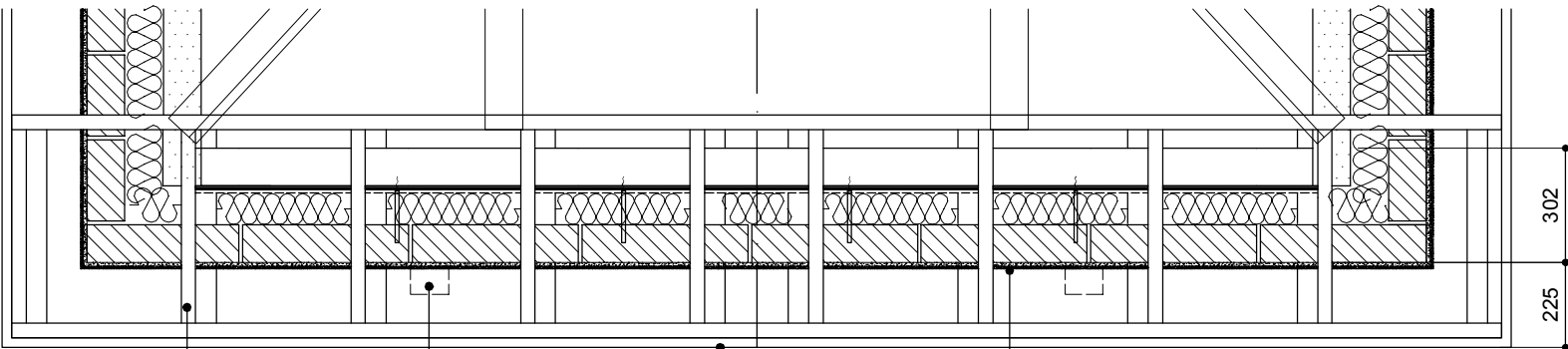
Cavity tray.

ARC Spandrel Barrier
cavity barrier installed to
manufacturers instructions.

Restraint straps through wall
and down cavity side of block
work. See detail RF[6]14.1

Bell cast (render stop) bead
(stainless steel to BSEN
10088-21.4301) or uPVC.

SECTION A-A (Scale 1:10)



Gable ladder

Denotes position of
decorative GRP bracket
(see separate detail).

175x18mm barge board.
Colour to regional spec.

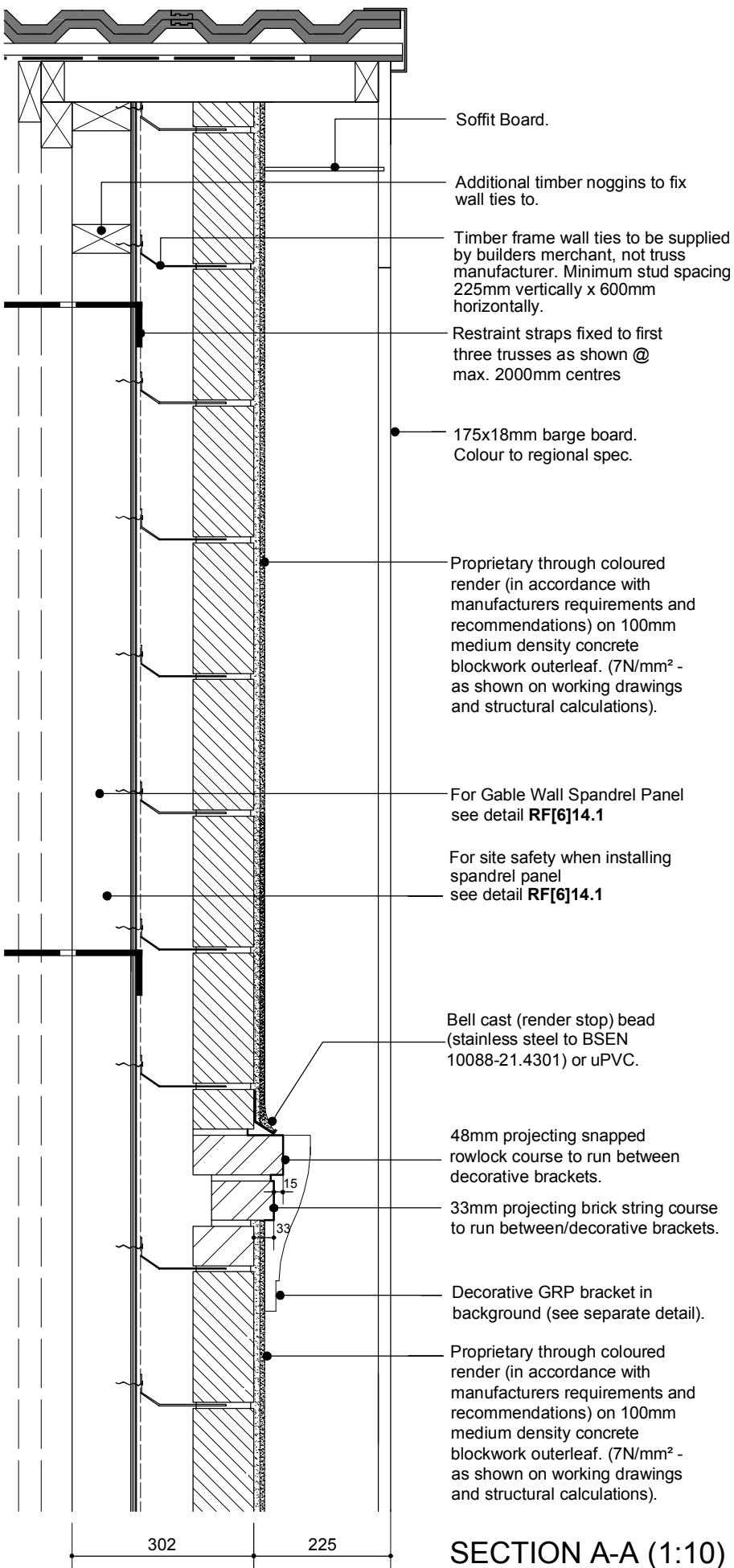
Proprietary through coloured render (in accordance with
manufacturers requirements and recommendations)
on 100mm medium density concrete blockwork outerleaf.
(7N/mm² - as shown on working drawings and structural
calculations).

PART PLAN (Scale 1:20)

ALL TIMBER TO BE PRESERVATIVE
TREATED TO BS 5268 P.T 5 1977. WITH
CUTS & JOINTS TREATED ON SITE.

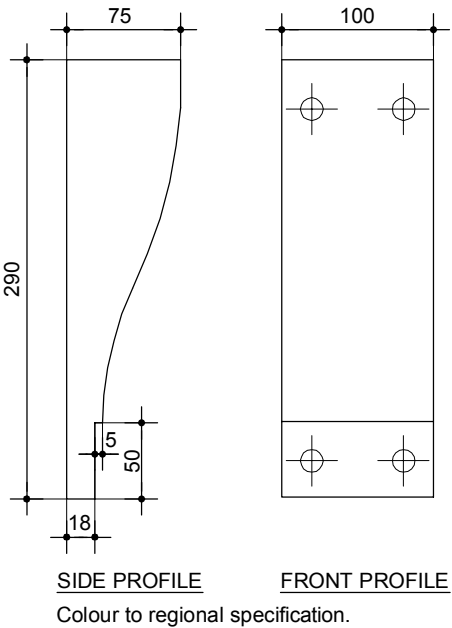
Rev F (Jan 2017) - Spandrel panel amended in line with comments from NHBC.
Rev E (Dec 2016) - Brackets shown as GRP.
- Dry verge system updated to show mechanically fixed universal dry verge.
Rev D (Jun 2016) - Gable wall spandrel panel now shown.

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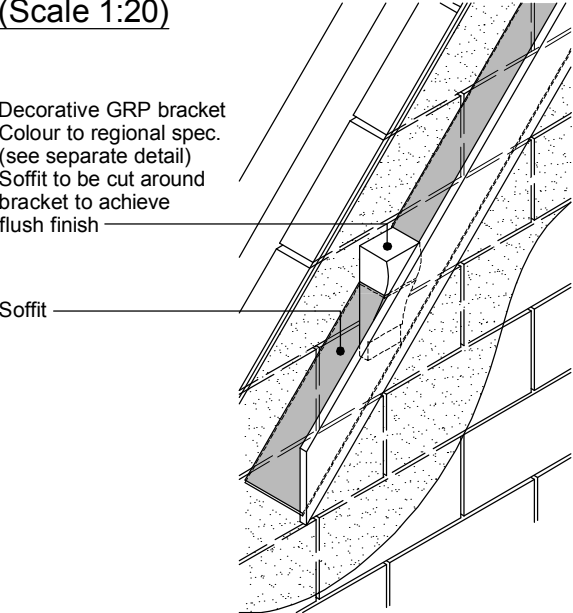
SECTION A-A (1:10)

DECORATIVE GRP BRACKET n.t.s.



ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

DECORATIVE BRACKET ISOMETRIC DETAIL (Scale 1:20)



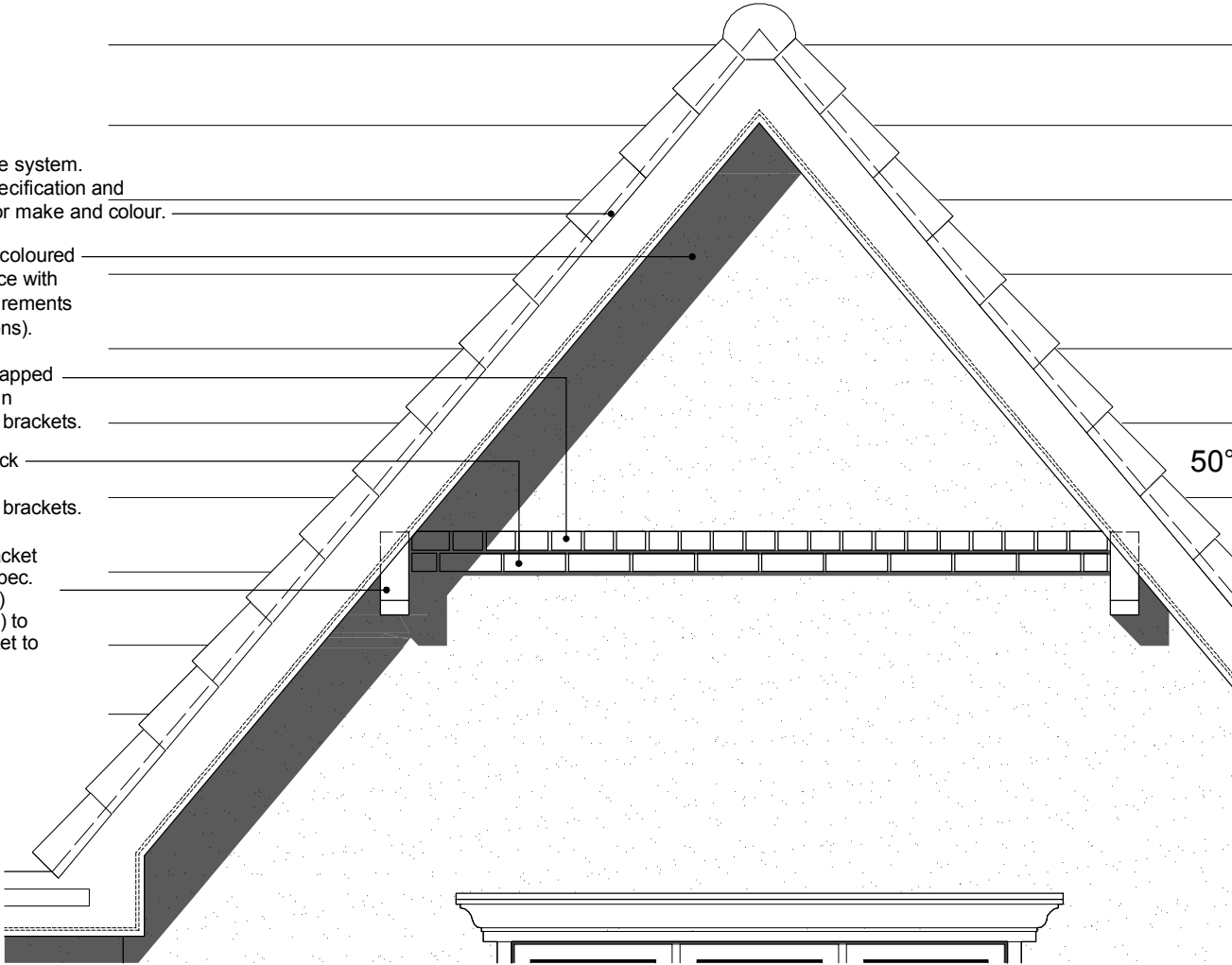
Proprietary dry verge system. Refer to regional specification and material schedule for make and colour.

Proprietary through coloured render (in accordance with manufacturers requirements and recommendations).

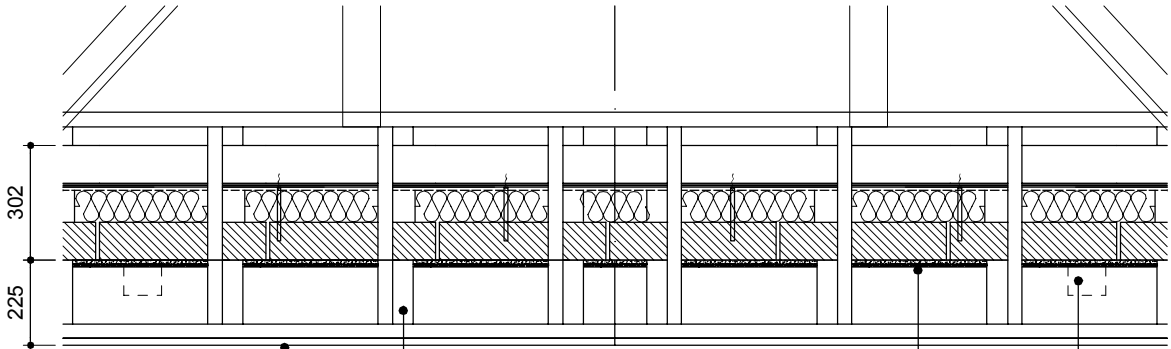
48mm projecting snapped rowlock course to run between decorative brackets.

33mm projecting brick string course to run between decorative brackets.

Decorative GRP bracket Colour to regional spec. (see separate detail) Soffit (shown dotted) to be cut around bracket to achieve flush finish



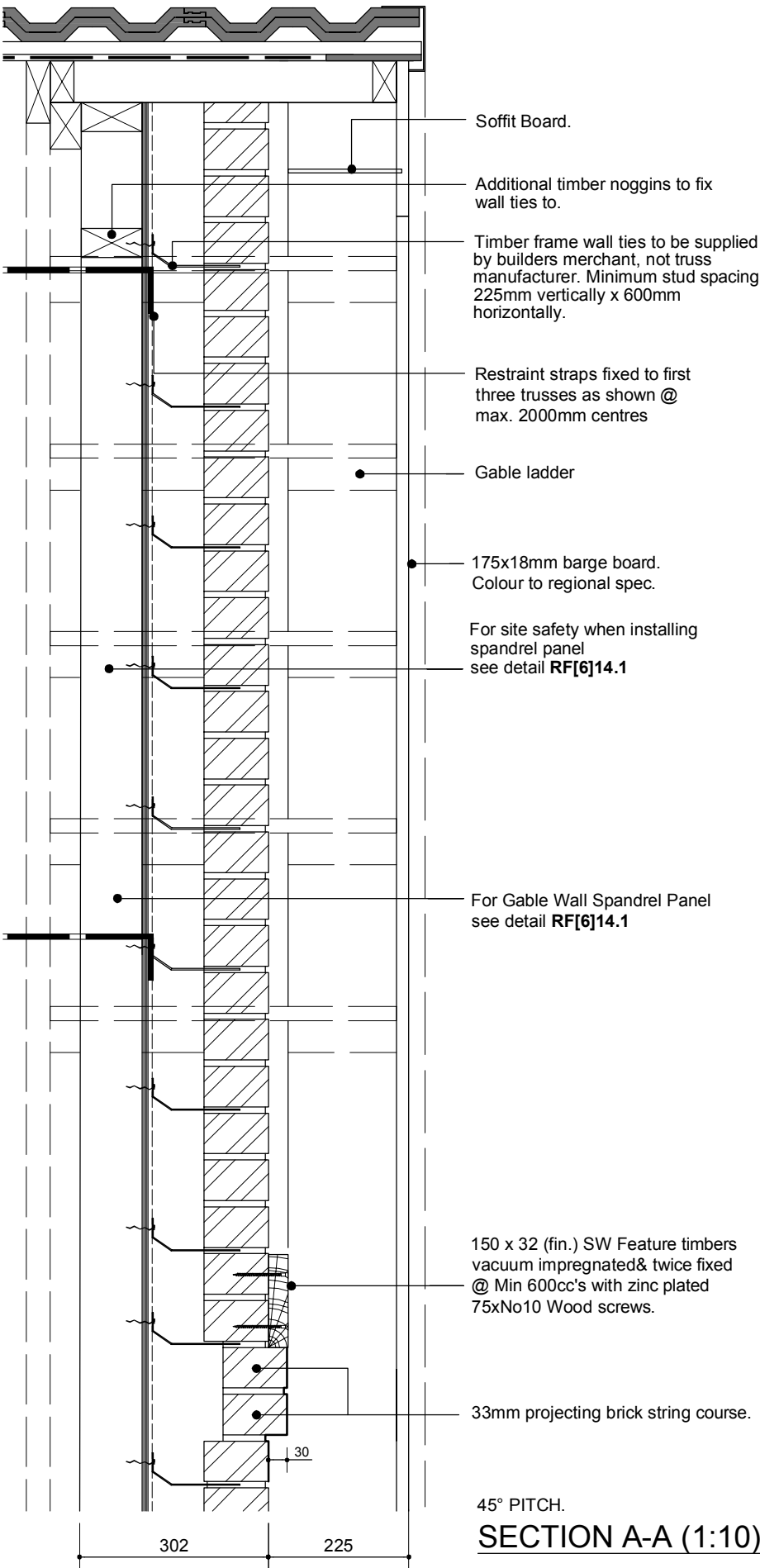
PART ELEVATION (NTS)



PART PLAN (NTS)

Rev F (Jan 2017) - Spandrel panel amended in line with comments from NHBC.
Rev E (Dec 2016) - Brackets shown as GRP.
- Dry verge system updated to show mechanically fixed universal dry verge.
Rev D (Jun 2016) - Gable wall spandrel panel now shown.

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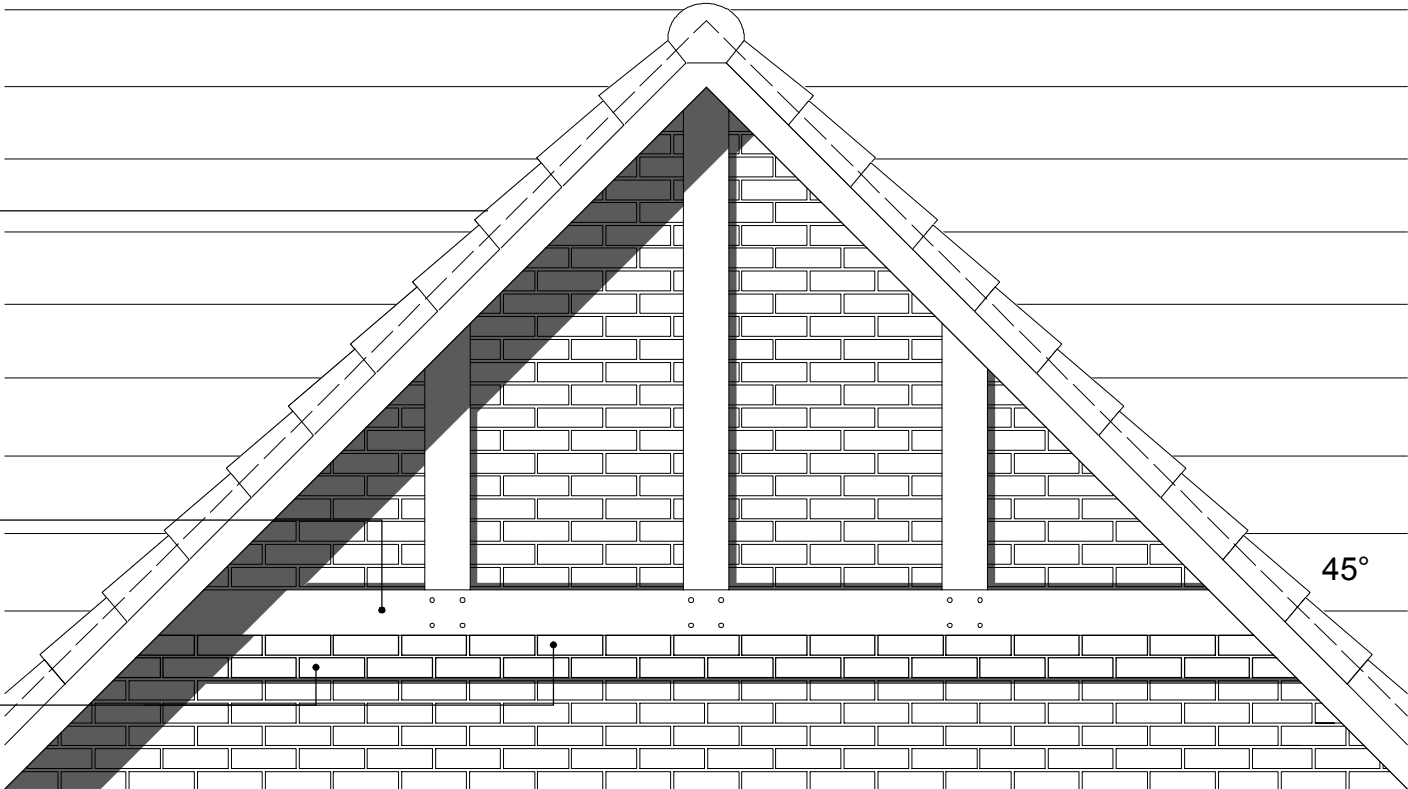


SECTION A-A (1:10)

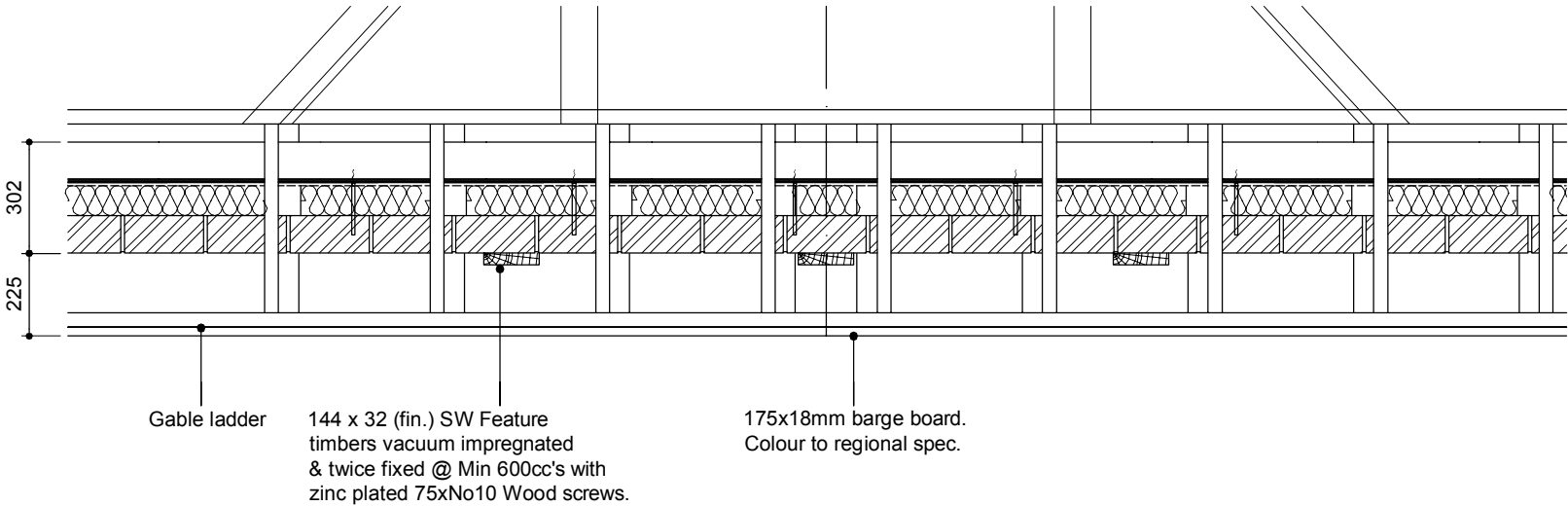
Proprietary dry verge system. Refer to regional specification and material schedule for make and colour.

150 x 32 (fin.) sw feature timbers vacuum impregnated & twice fixed @ min 600cc's with zinc plated 75xno10 wood screws.

33mm projecting brick string course to run between decorative brackets.



PART ELEVATION NTS



PART PLAN (NTS)

ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

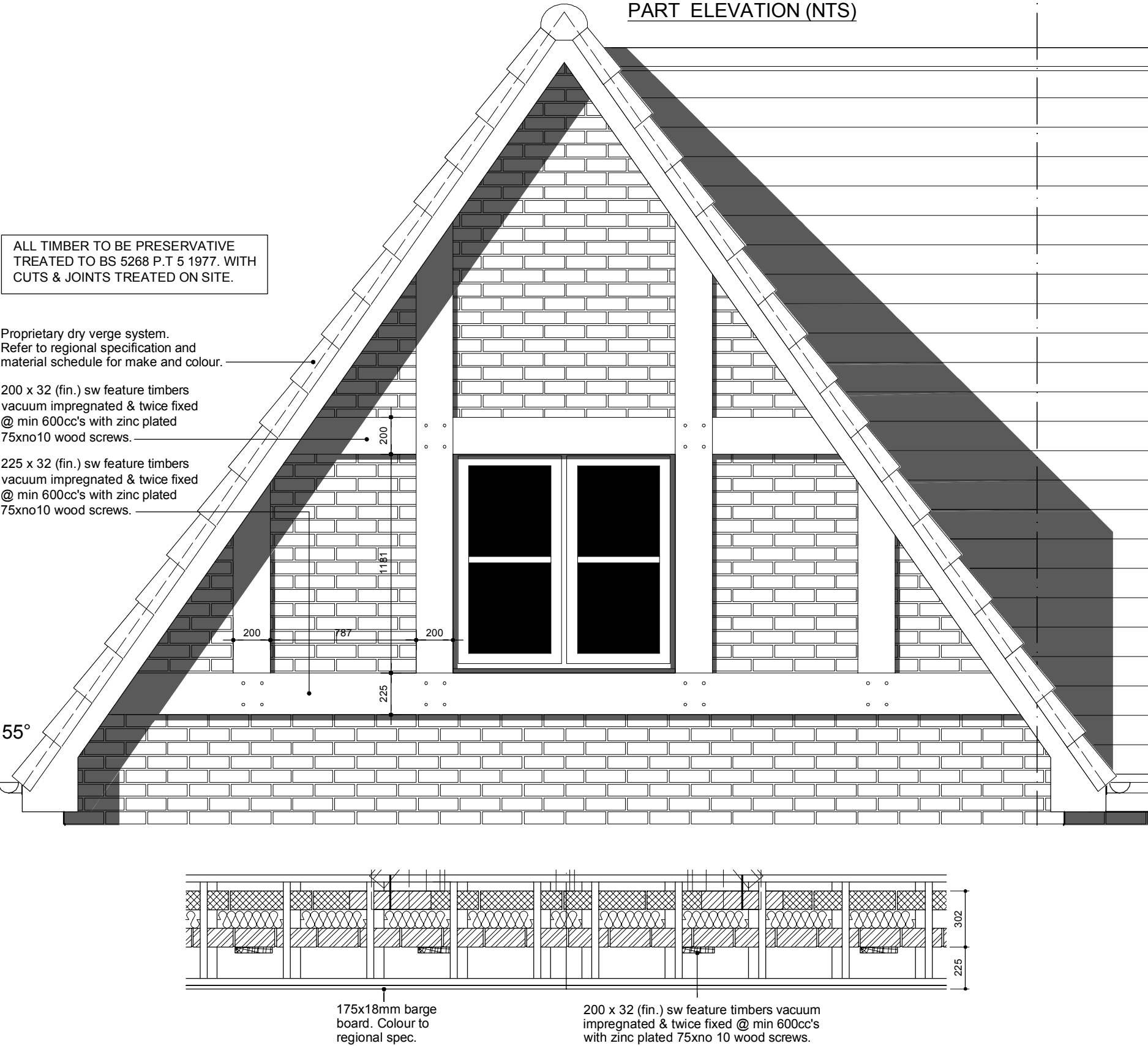
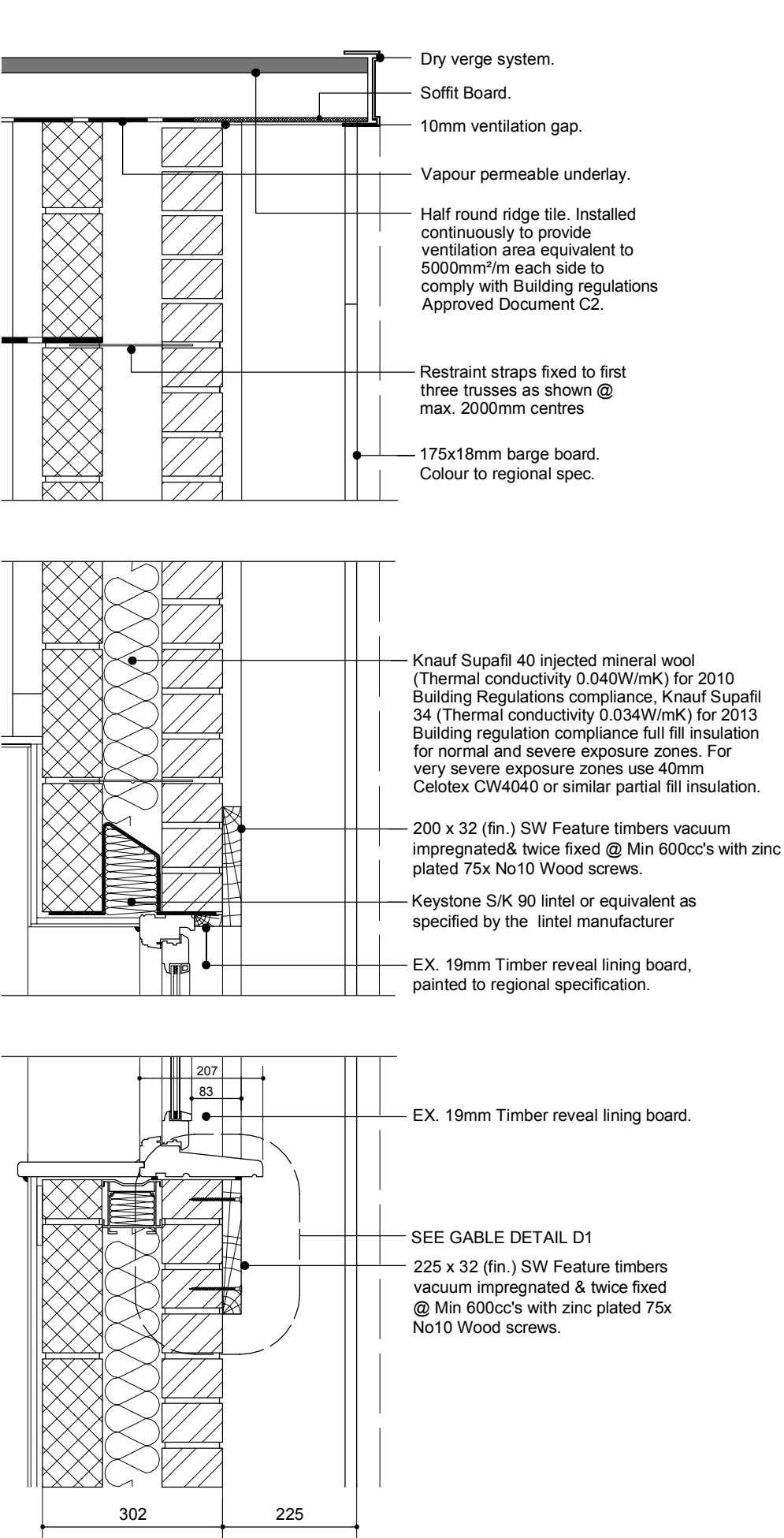
Rev F (Jan 2017) - Spandrel panel amended in line with comments from NHBC.
Rev E (Nov 2016) - Render removed from gable, brickwork in lieu of.
- Dry verge system updated to show mechanically fixed universal dry verge.
Rev D (Jun 2016) - Gable wall spandrel panel now shown.



Drawing Title:
Gable with Tudor Boarding, String & Dentil Course

Date. March 2013	Scale. Various @ A3
Dwg No. CE[13]16	Rev. F

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PART PLAN (NTS)

Rev E (Dec 2016) - Dry verge system updated to show mechanically fixed universal dry verge.
Rev D (Nov 2016) - Render removed, brickwork shown in lieu of.
Decorative bracket & projecting gable detail D1 removed.
Rev C (Sept 2016) - Knauf Aquapanel added in lieu of masterboard.



Drawing Title:
Gable with Tudor Boarding
Surrounding Window

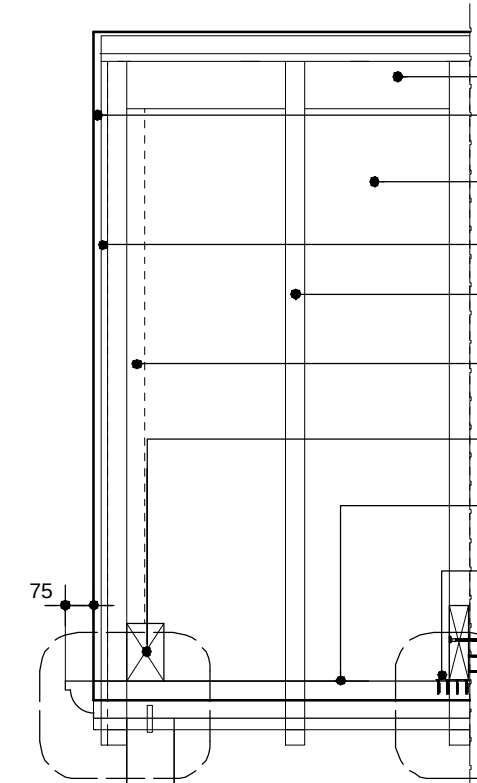
Date. March 2013	Scale. Various @ A3
Dwg No. CE[13]17	Rev. E

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STYLE 1 FRONT ELEVATION (1:20)

- Half round ridge tile.
- Plain tiles on 38mm x 25mm treated sw battens on untearable sarking felt or similar approved.
- Code 4 lead flashing.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.
- 175x18mm barge board.
- 75mm x 50mm vertical timbers fixed in line with beam.
- 150mm x 100mm collar tie fixed to outer rafter. See elevations for type.
- 125mm x 100mm C16 grade sw bearer with decorative end.
- SW tilting fillet.

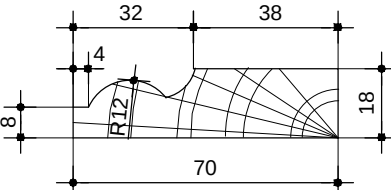
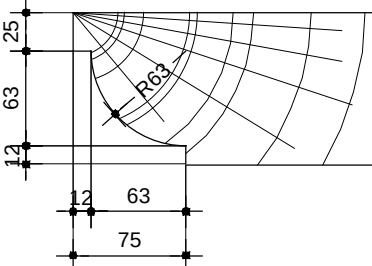


- 200 x 25mm treated sw ridge board.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.
- 9.5mm exterior grade plywood fixed to top of sw rafters, refer to regional specification for finish.
- 175x18mm barge board fixed to 150 x 50mm sw rafter.
- 100mm x 50mm sw rafters notched over and nailed on sw bearer.
- 75mm x 50mm vertical timbers fixed in line with beam.
- 150mm x 100mm timber beam fixed onto bearer. See elevations for type.
- 125mm x 100mm C16 grade sw bearer with decorative end.
- Expamet HD9090 angle bracket fixed to wall with 4No. 3.5mm Ø wood screws (Rawlplug Uno plugs or similar to be used). Bracket fixed to timber bearer with 8No. 3.5mm dia. wood screws (min. 30mm embedment into timber).

SEE DECORATIVE
END DETAIL D3

SEE CONNECTION
DETAIL D5

D3 - BEARER DECORATIVE
END DETAIL (scale 1:5)



D4 - 'TORUS'
MOLDING n.t.s.

SECTION THRU' (1:20)

REFER TO STRUCTURAL ENGINEERS
(ABACUS) CALCULATIONS, REFERENCE
No. 32796-01-C62

ALL TIMBER TO BE PRESERVATIVE
TREATED TO BS 5268 P.T 5 1977. WITH
CUTS & JOINTS TREATED ON SITE.

Rev D (Oct 2018) - Brick plinth updated to engineering brick.

BLOOR HOMES
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Drawing Title:
Large Timber Porch Detail
(Sheet 1)

Date. March 2013

Scale. Various @ A3

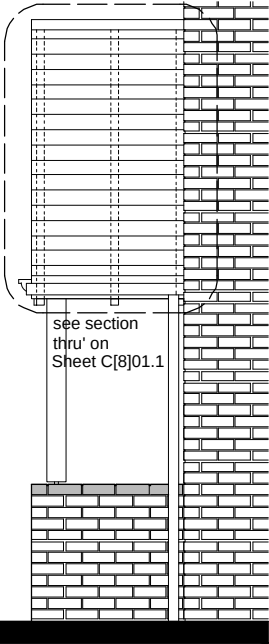
Dwg No. **CE[13]18_01**

Rev. **D**

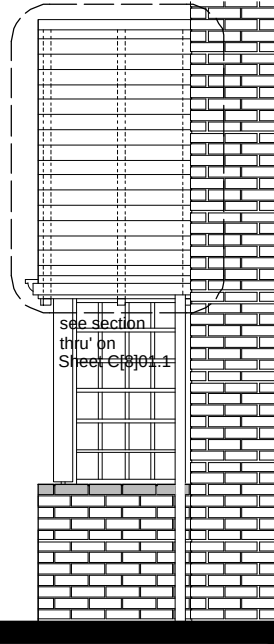
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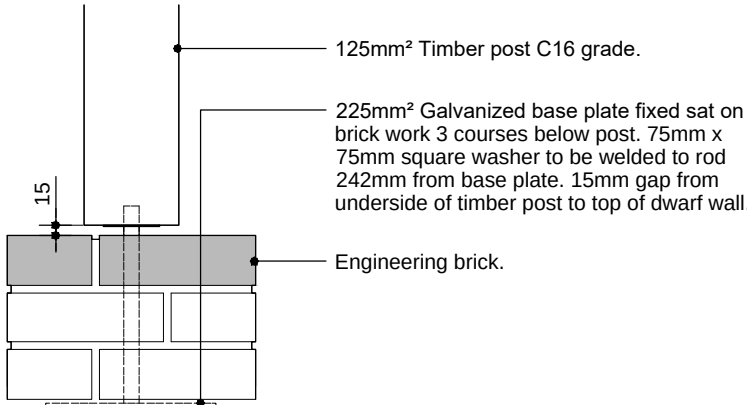
STYLE 1 FRONT ELEVATION (1:50)



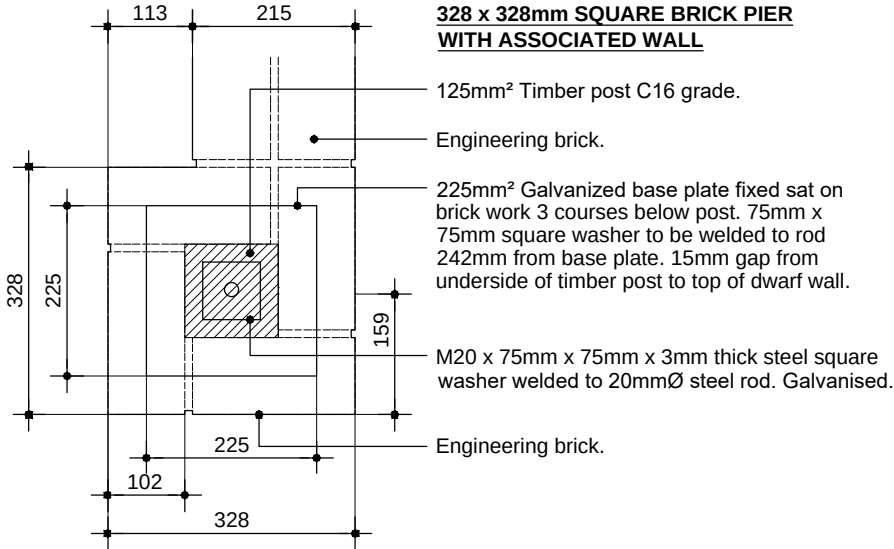
SIDE ELEVATION



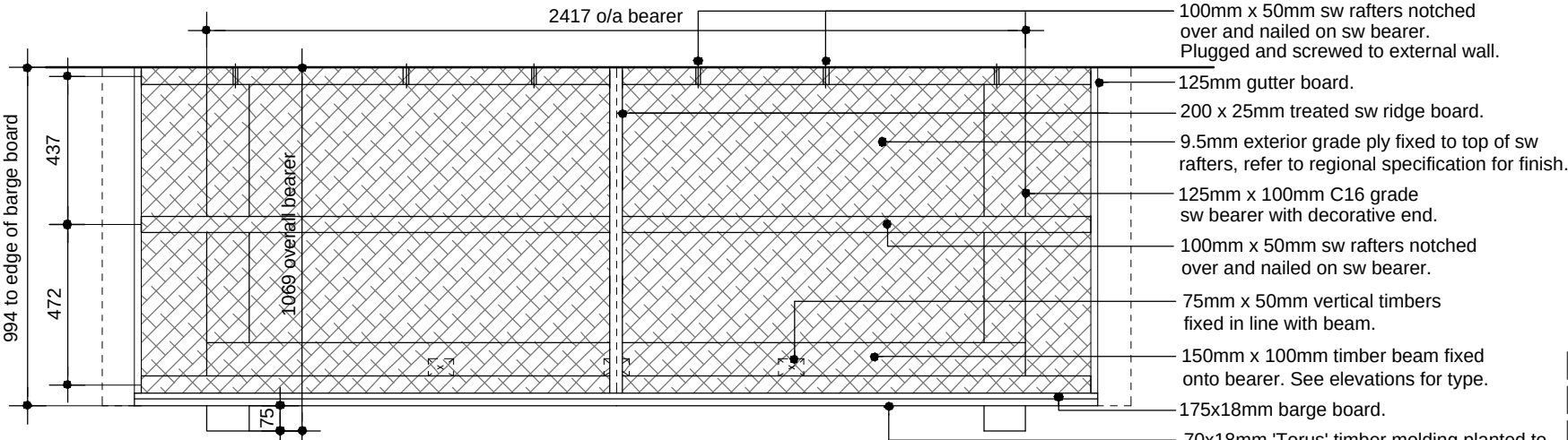
ALTERNATIVE TRELLIS
SIDE ELEVATION (scale 1:50)



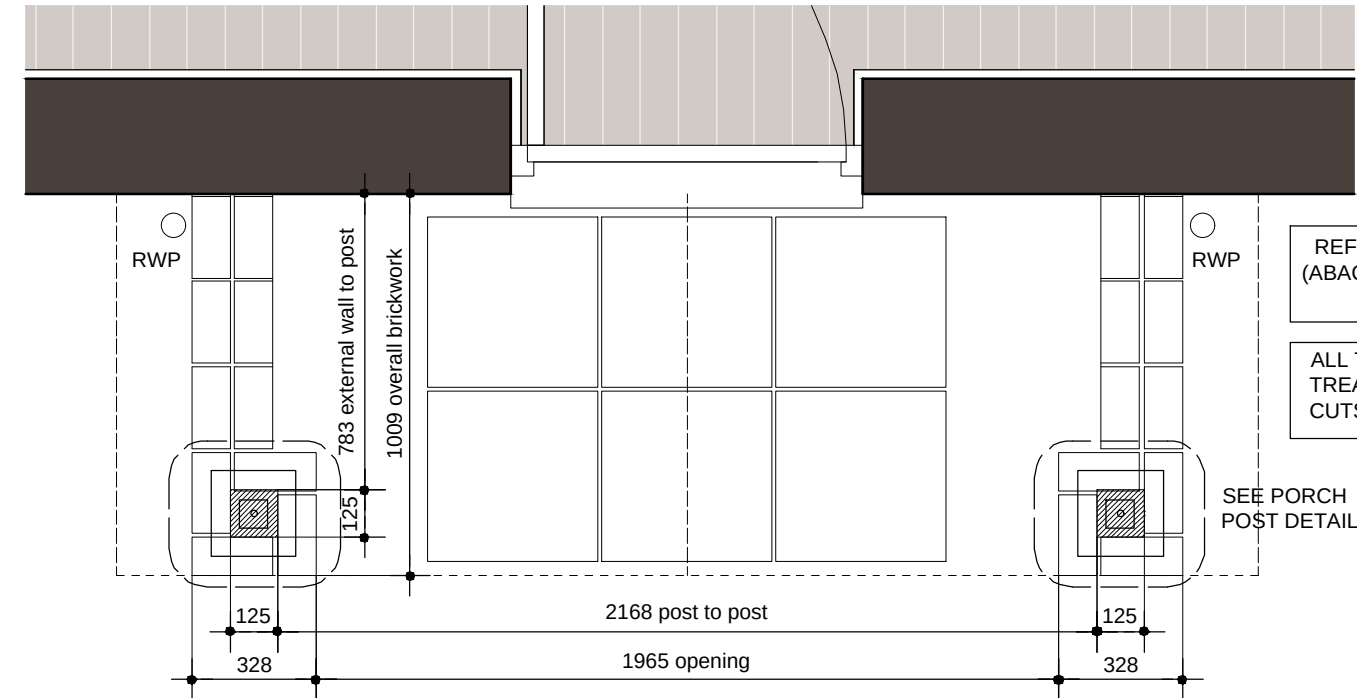
D1 - PORCH POST DETAIL (scale 1:10)



D2 - SECTION THROUGH PORCH POST
ON BRICK PIER (scale 1:10)

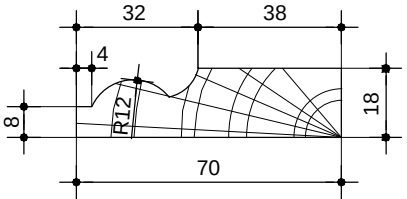
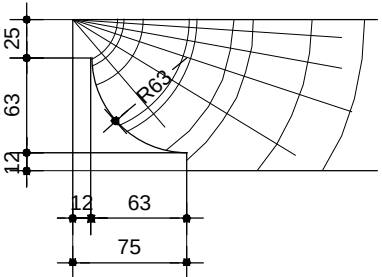


TYPICAL ROOF PLAN (SCALE 1:20)

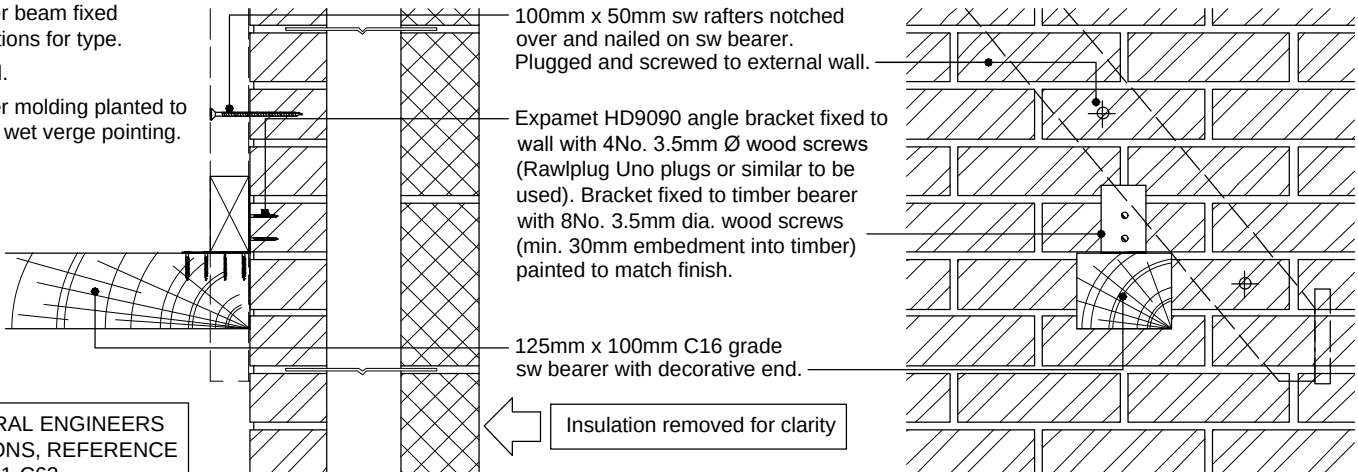


TYPICAL PLAN PROFILE (SCALE 1:20)

D3 - BEARER DECORATIVE
END DETAIL (scale 1:5)



D4 - 'TORUS'
MOLDING n.t.s.



D5 - SECTION DETAIL OF BRACKET / BEARER / RAFTER
CONNECTION TO EXTERNAL WALL (scale 1:10)

REFER TO STRUCTURAL ENGINEERS
(ABACUS) CALCULATIONS, REFERENCE
No. 32796-01-C62

ALL TIMBER TO BE PRESERVATIVE
TREATED TO BS 5268 P.T 5 1977. WITH
CUTS & JOINTS TREATED ON SITE.

SEE PORCH
POST DETAIL D2

Rev D (Oct 2018) - Brick plinth updated to engineering brick.

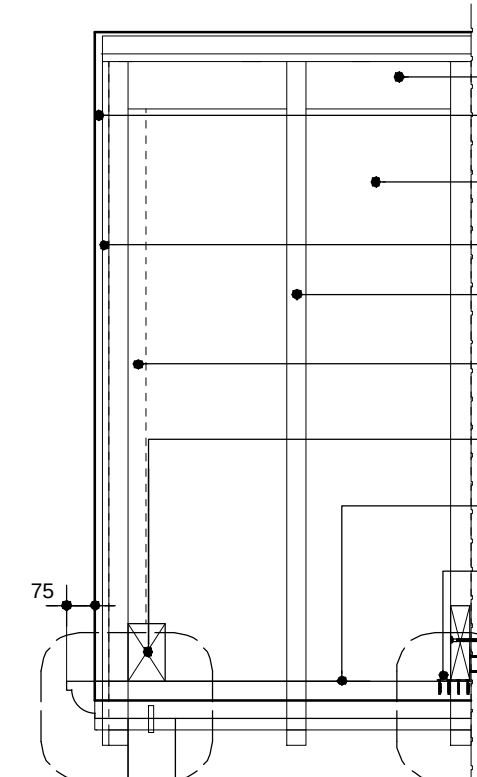
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STYLE 1 FRONT ELEVATION (1:20)

- Half round ridge tile.
- Plain tiles on 38mm x 25mm treated sw battens on untearable sarking felt or similar approved.
- Code 4 lead flashing.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.
- 175x18mm barge board.
- 75mm x 50mm vertical timbers fixed in line with beam.
- 150mm x 100mm collar tie fixed to outer rafter. See elevations for type.
- 125mm x 100mm C16 grade sw bearer with decorative end.
- SW tilting fillet.

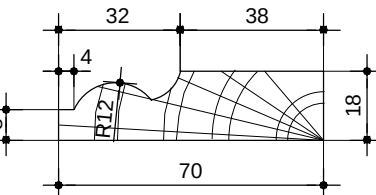
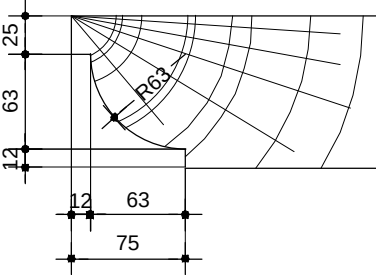
- Rain water down pipe colour to regional spec.
- 125mm sq. timber post C16 grade.
- Stub Brick pier topped with engineering bricks



SECTION THRU' (1:20)

- 200 x 25mm treated sw ridge board.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.
- 9.5mm exterior grade plywood fixed to top of sw rafters, refer to regional specification for finish.
- 175x18mm barge board fixed to 150 x 50mm sw rafter.
- 100mm x 50mm sw rafters notched over and nailed on sw bearer.
- 75mm x 50mm vertical timbers fixed in line with beam.
- 150mm x 100mm timber beam fixed onto bearer. See elevations for type.
- 125mm x 100mm C16 grade sw bearer with decorative end.
- Expamet HD9090 angle bracket fixed to wall with 4No. 3.5mm Ø wood screws (Rawlplug Uno plugs or similar to be used). Bracket fixed to timber bearer with 8No. 3.5mm dia. wood screws (min. 30mm embedment into timber).

D3 - BEARER DECORATIVE END DETAIL (scale 1:5)



D4 - 'TORUS' MOLDING n.t.s.

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

Rev A (Oct 2018) - Brick plinth updated to engineering brick.

BLOOR HOMES
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Drawing Title:
Large Timber Porch Detail -
Alternative Post (Sheet 3)

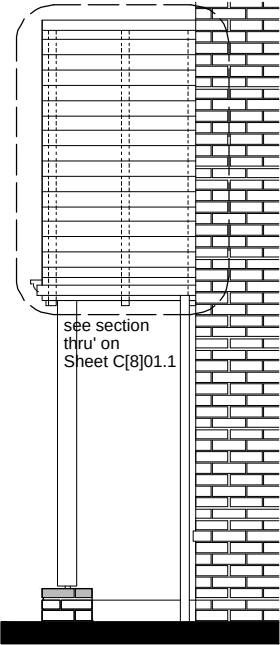
Date. March 2013 Scale. Various @ A3

Dwg No. **CE[13]18_03** Rev. **A**

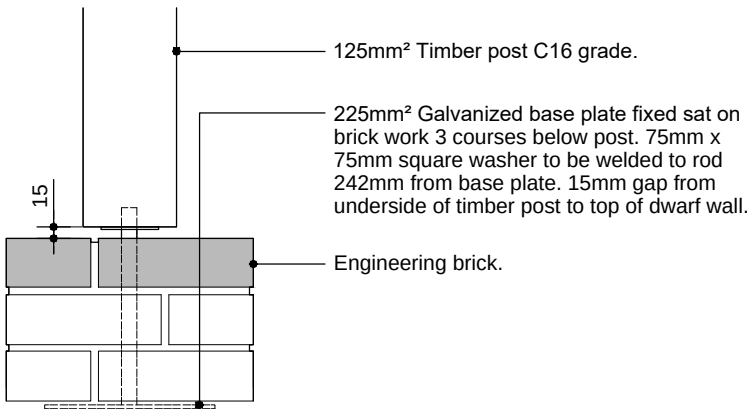
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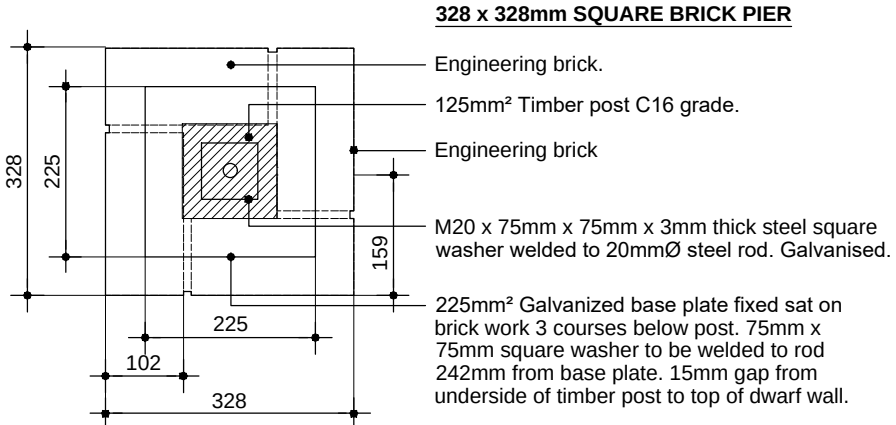
STYLE 1 FRONT ELEVATION (1:50)



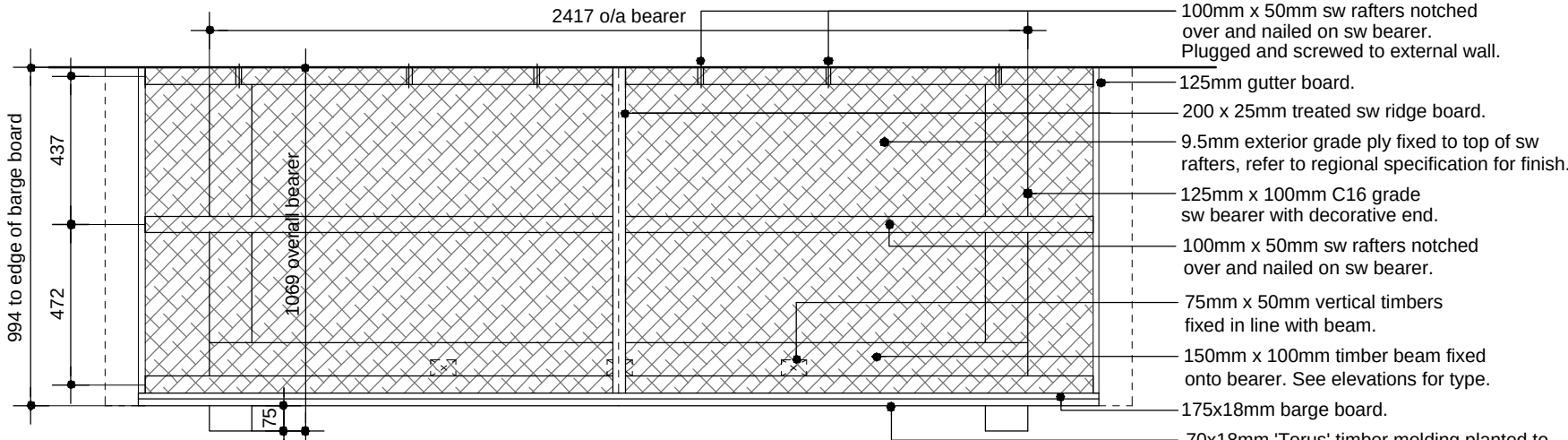
SIDE ELEVATION



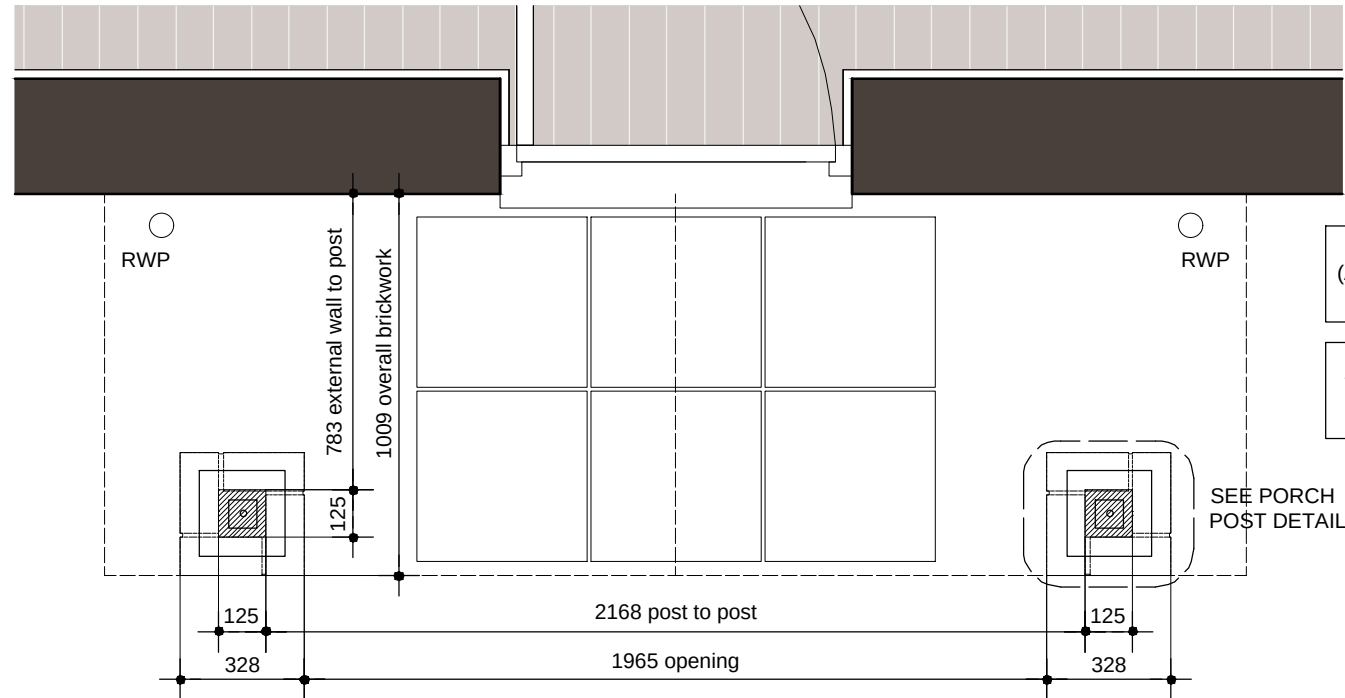
D1b - PORCH POST DETAIL (scale 1:10)



D2b - SECTION THROUGH PORCH POST ON BRICK PIER (scale 1:10)



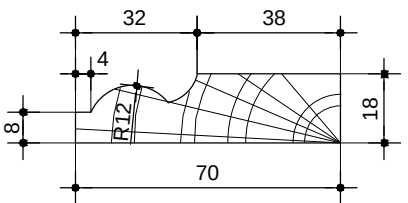
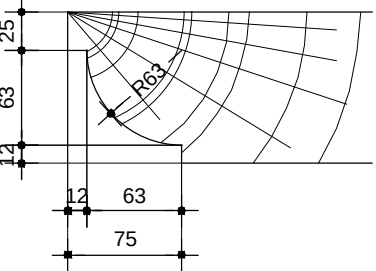
TYPICAL ROOF PLAN (SCALE 1:20)



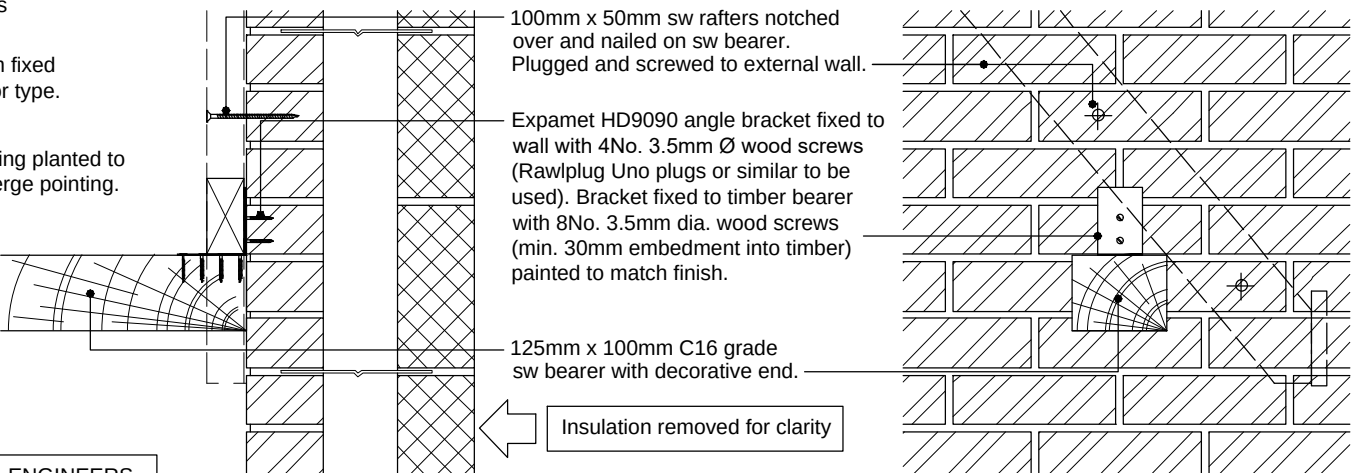
TYPICAL PLAN PROFILE (SCALE 1:20)

- 100mm x 50mm sw rafters notched over and nailed on sw bearer. Plugged and screwed to external wall.
- 125mm gutter board.
- 200 x 25mm treated sw ridge board.
- 9.5mm exterior grade ply fixed to top of sw rafters, refer to regional specification for finish.
- 125mm x 100mm C16 grade sw bearer with decorative end.
- 100mm x 50mm sw rafters notched over and nailed on sw bearer.
- 75mm x 50mm vertical timbers fixed in line with beam.
- 150mm x 100mm timber beam fixed onto bearer. See elevations for type.
- 175x18mm barge board.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.

D3 - BEARER DECORATIVE END DETAIL (scale 1:5)



D4 - 'TORUS' MOLDING n.t.s.



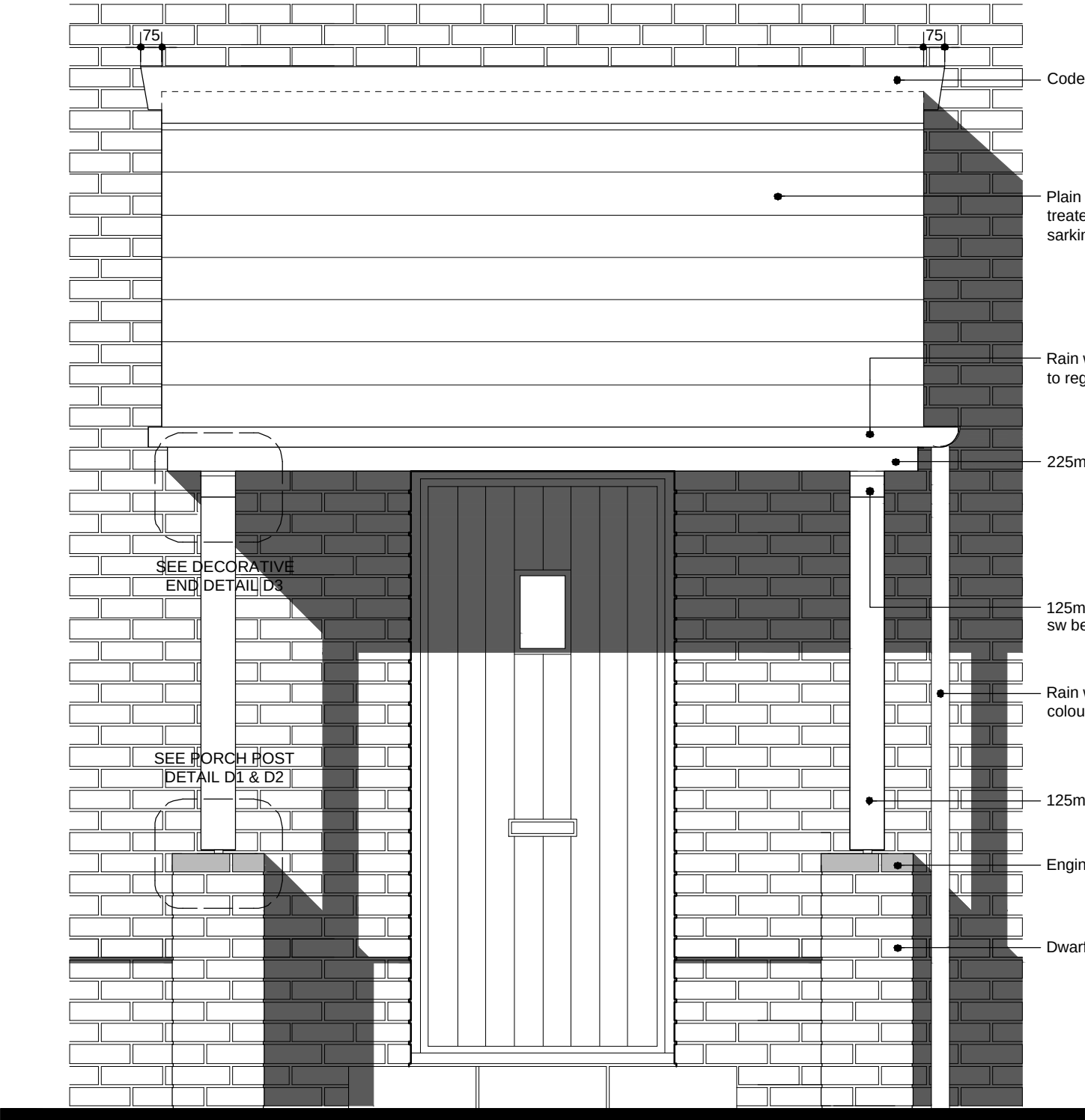
D5 - SECTION DETAIL OF BRACKET / BEARER / RAFTER CONNECTION TO EXTERNAL WALL (scale 1:10)

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

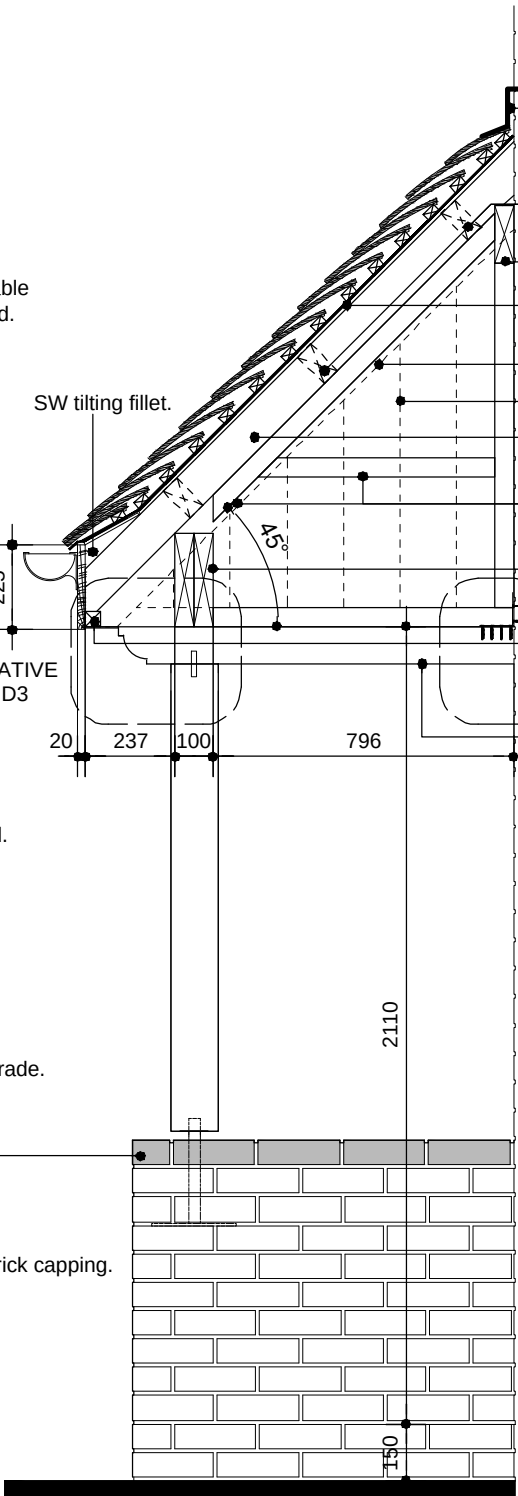
ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

Rev A (Oct 2018) - Brick plinth updated to engineering brick.

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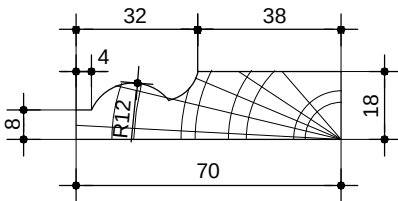
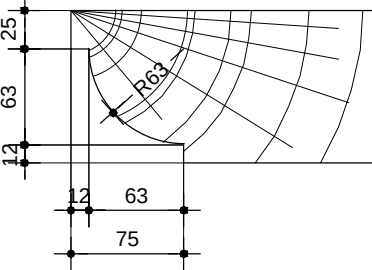


FRONT ELEVATION (1:20)



SECTION THRU' (1:20)

D3 - BEARER DECORATIVE
END DETAIL (scale 1:5)



D4 - 'TORUS'
MOLDING n.t.s.

REFER TO STRUCTURAL ENGINEERS
(ABACUS) CALCULATIONS, REFERENCE
No. 32796-01-C62

ALL TIMBER TO BE PRESERVATIVE
TREATED TO BS 5268 P.T 5 1977. WITH
CUTS & JOINTS TREATED ON SITE.

Rev D (Oct 2018) - Brick plinth updated to engineering brick.

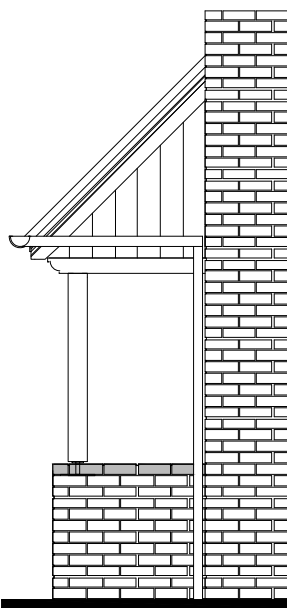
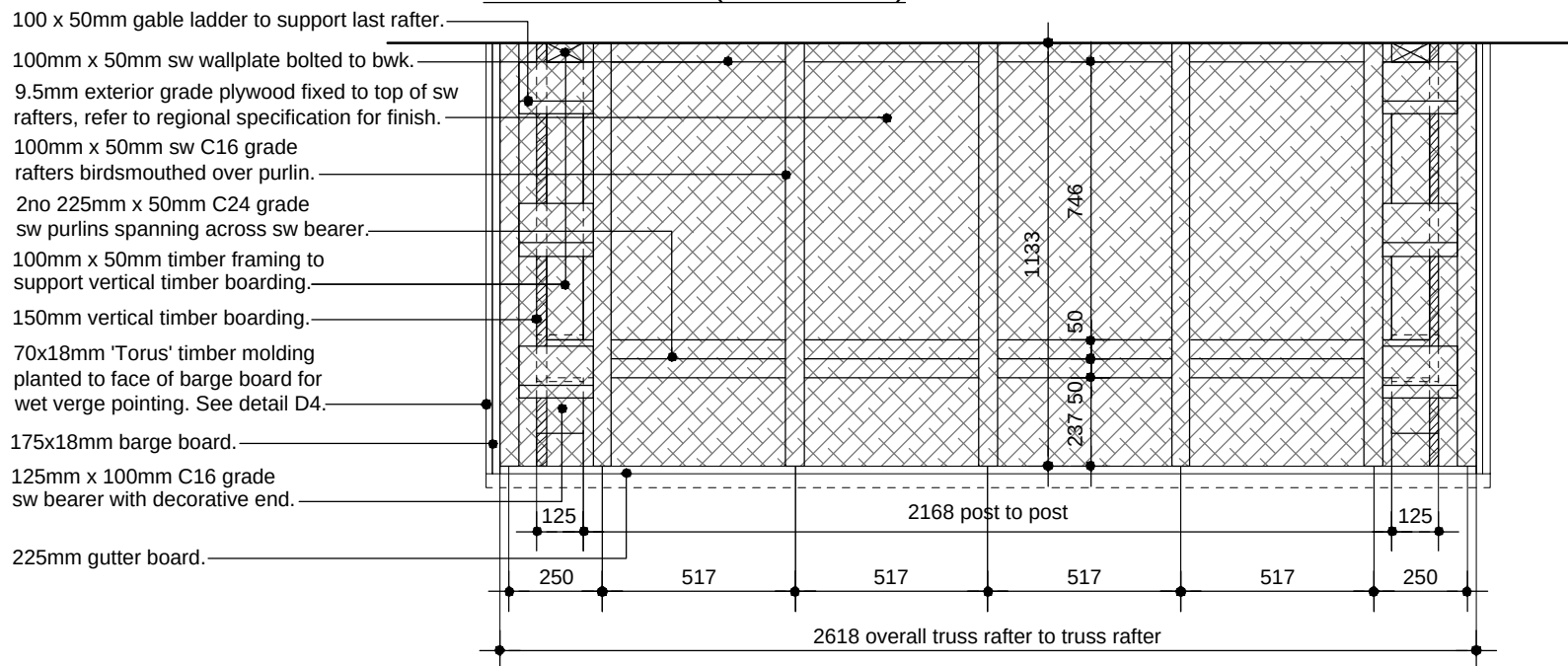
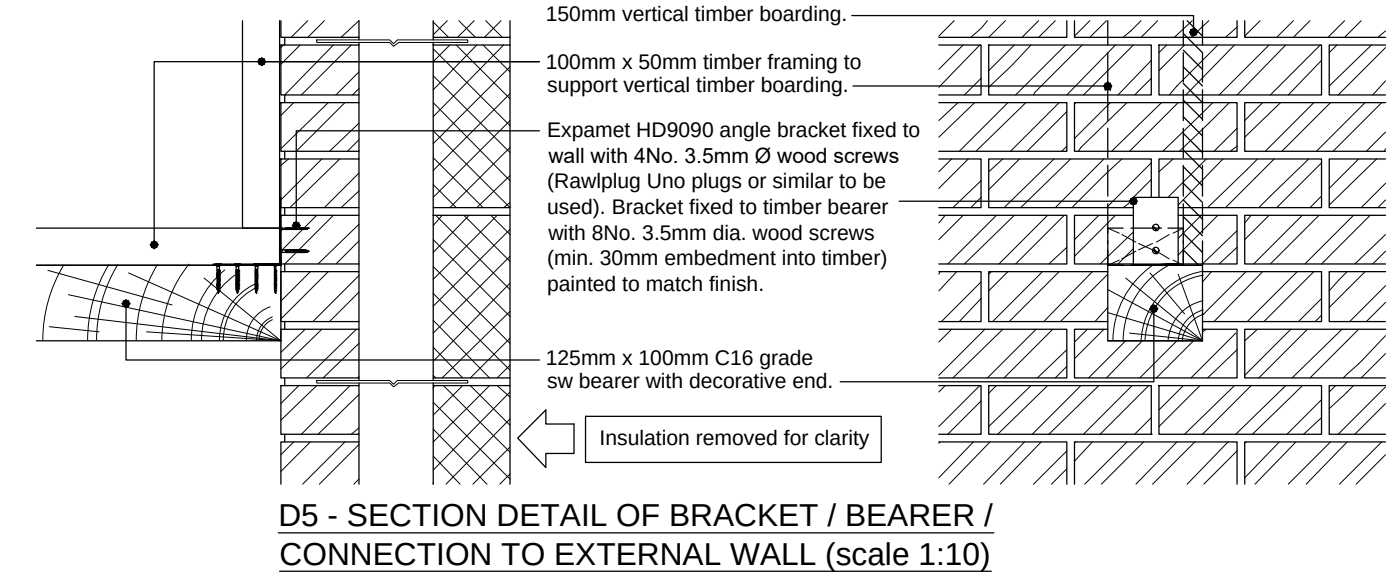
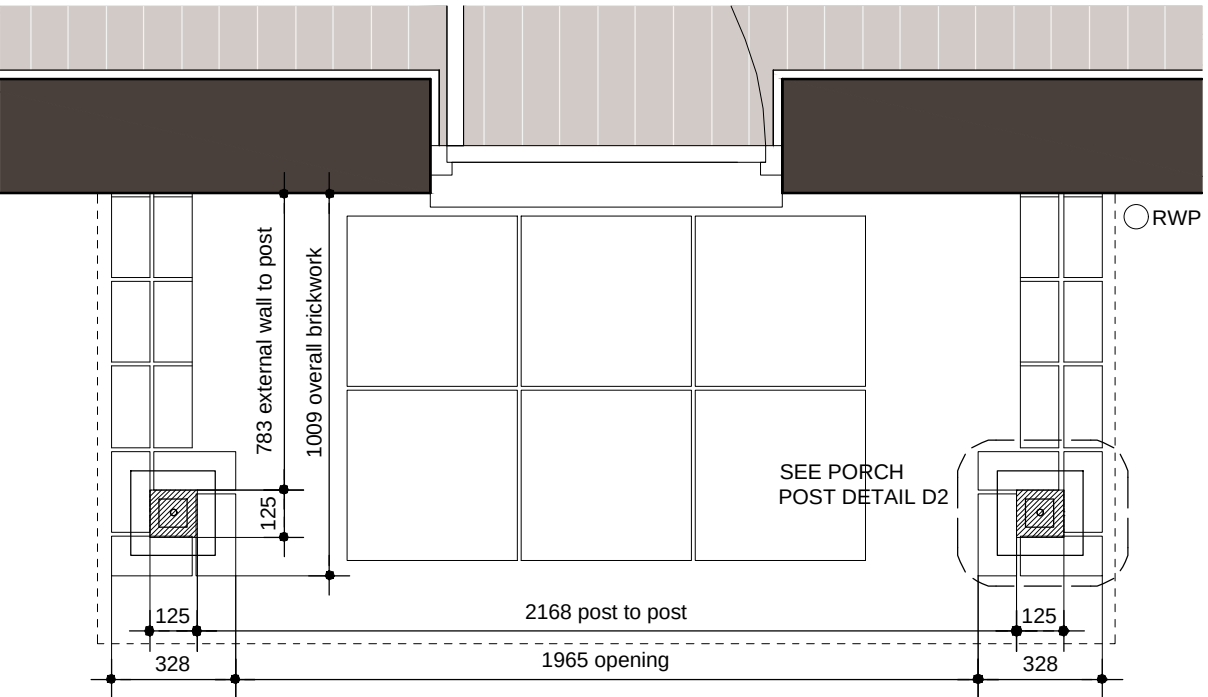
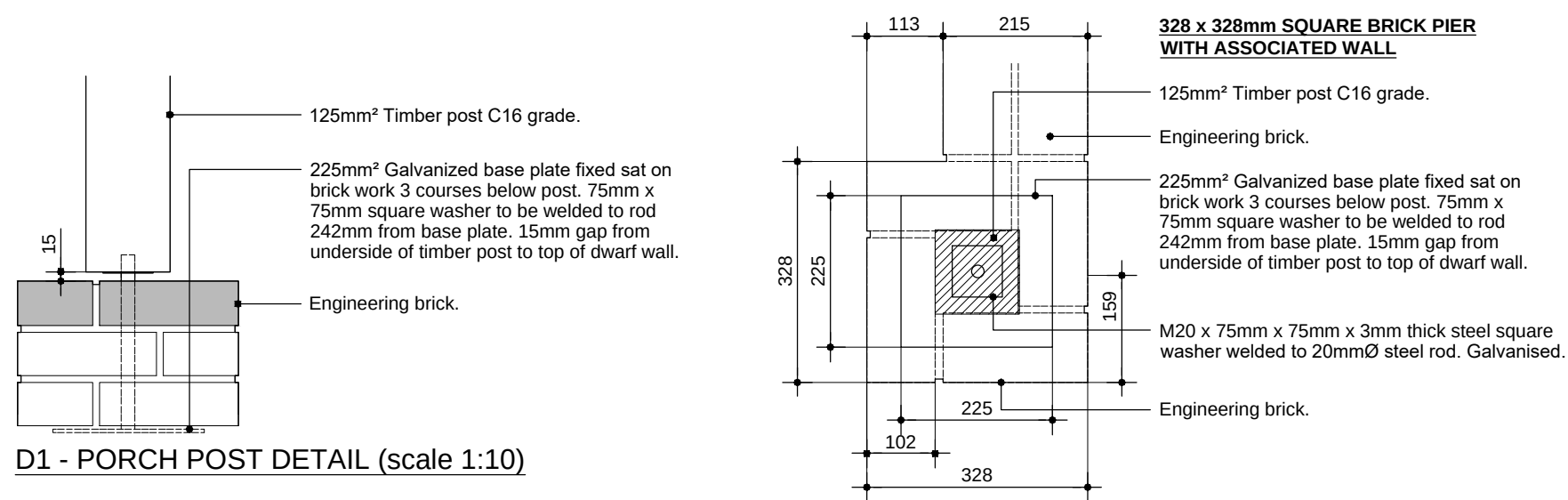


Drawing Title:
Large Timber Lean-To Porch Details
(Sheet 1)

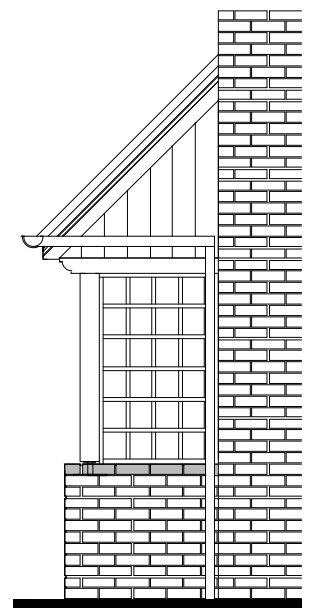
Date. March 2013 Scale. Various @ A3

Dwg No. **CE[13]19_01** Rev. **D**

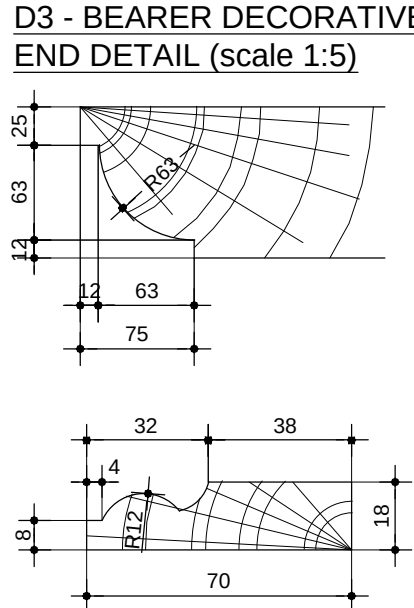
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SIDE ELEVATION (1:50)



ALTERNATIVE TRELLIS SIDE ELEVATION (1:50)



D3 - BEARER DECORATIVE END DETAIL (scale 1:5)

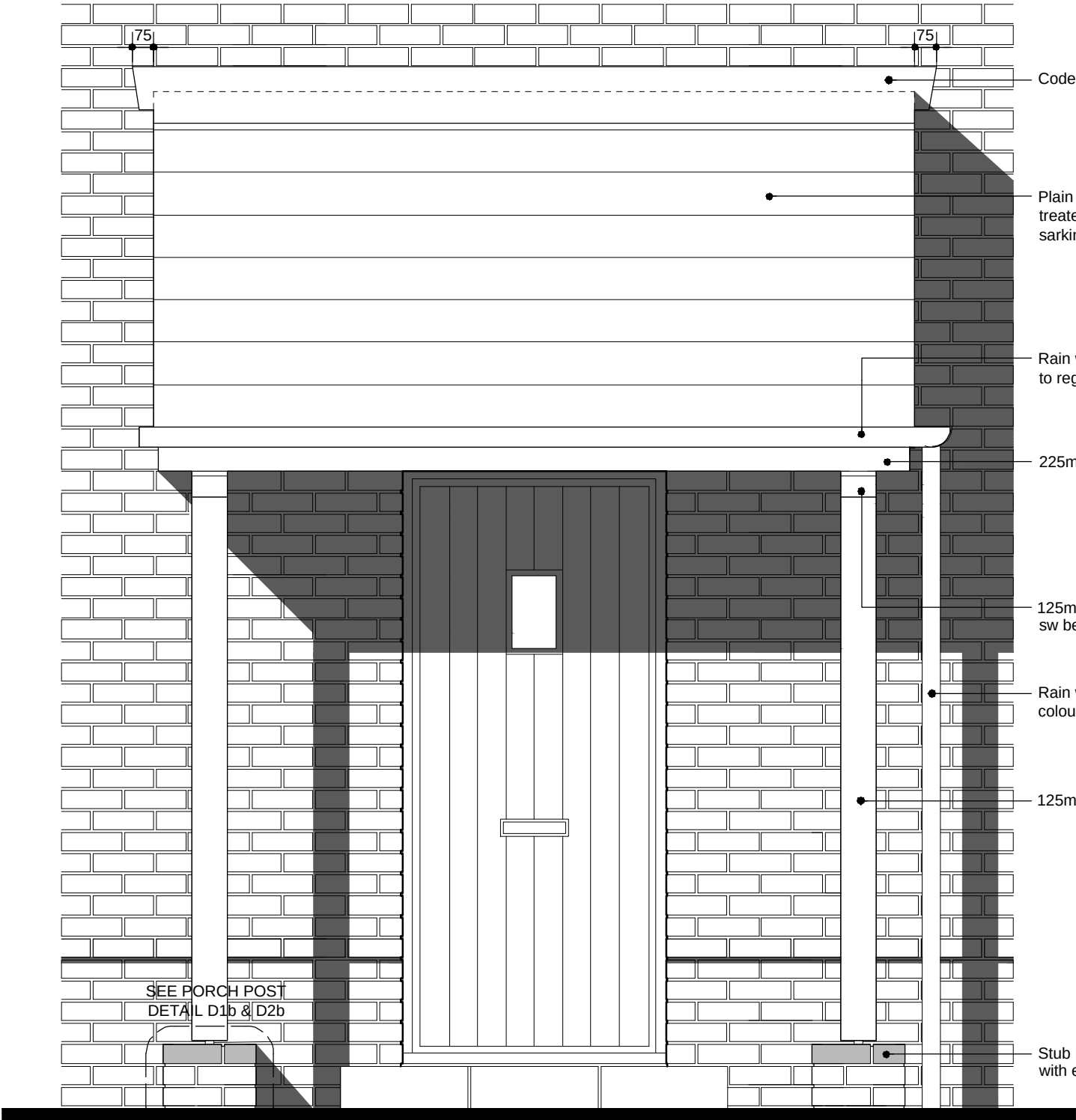
D4 - 'TORUS' MOLDING n.t.s.

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

Rev D (Jan 2015) - Rafter spacings increased.

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FRONT ELEVATION (1:20)

Code 4 lead flashing.

Plain tiles on 38mm x 25mm treated sw battens on untearable sarking felt or similar approved.

Rain water pipe colour to regional spec.

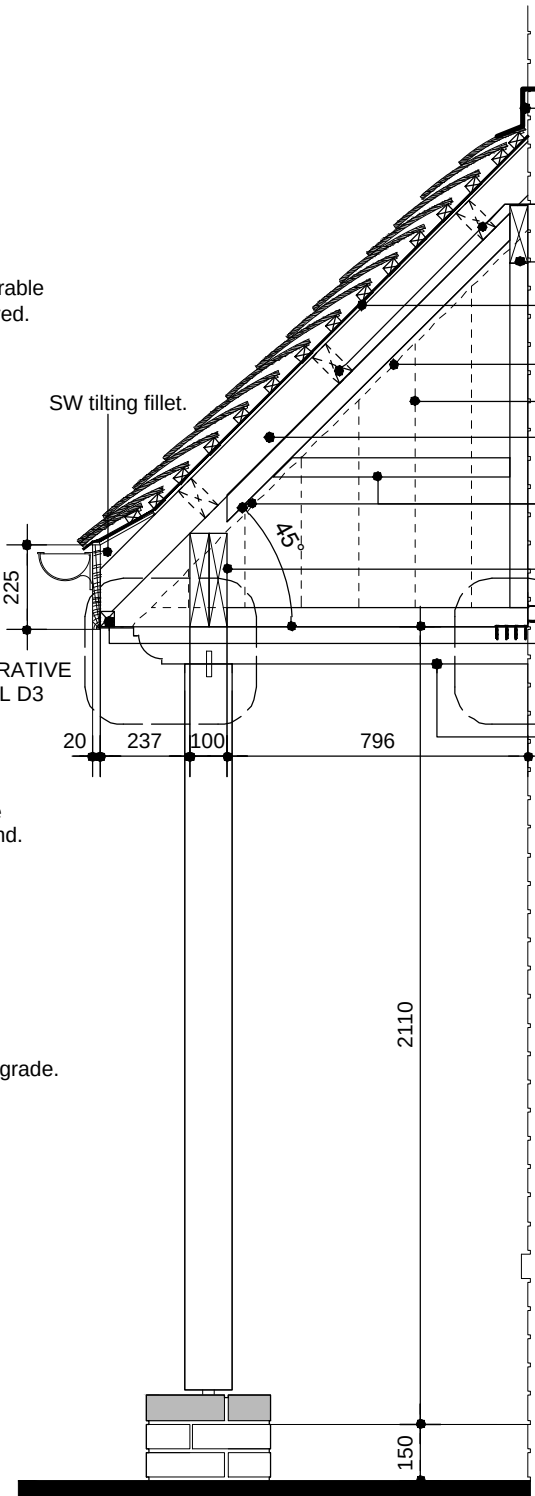
225mm gutter board

125mm x 100mm C16 grade sw bearer with decorative end.

Rain water down pipe colour to regional spec.

125mm sq. timber post C16 grade.

Stub Brick pier topped with engineering bricks.



SECTION THRU' (1:20)

Code 4 lead flashing on plain tiles on 38 x 25 treated sw battens on untearable sarking felt or similar approved.

100 x 50mm gable ladder to support last rafter.

150mm x 50mm sw wallplate bolted to bwk.

9.5mm exterior grade plywood fixed to top of sw rafters, refer to regional specification for finish.

175x18mm barge board.

150mm vertical timber boarding.

100 x 50 sw C16 grade rafters at 400mm c/cs birdsmouthed over purlin.

100mm x 50mm timber framing to support vertical timber boarding.

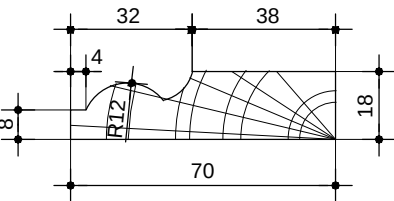
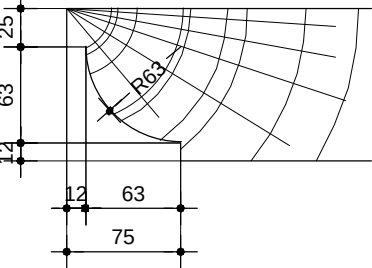
2no 225mm x 50mm C24 grade sw purlins spanning across sw bearer.

38x38mm treated sw bearer.

SEE CONNECTION DETAIL D5

125mm x 100mm C16 grade sw bearer with decorative end.

D3 - BEARER DECORATIVE END DETAIL (scale 1:5)



D4 - 'TORUS' MOLDING n.t.s.

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

Rev A (Oct 2018) - Brick plinth updated to engineering brick.

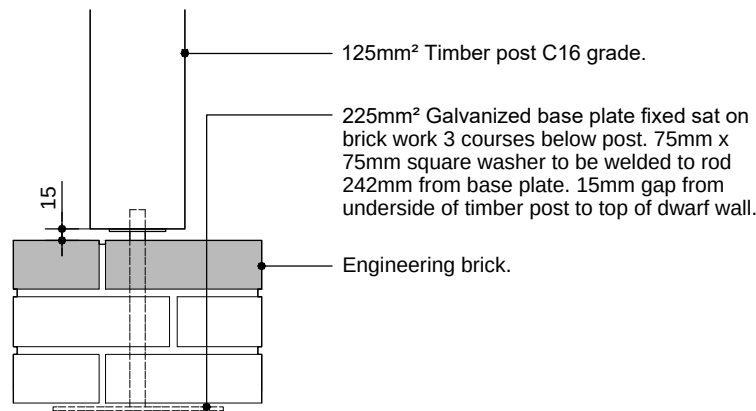


Drawing Title:
Large Timber Lean-To Porch Details -
Alternative Post (Sheet 3)

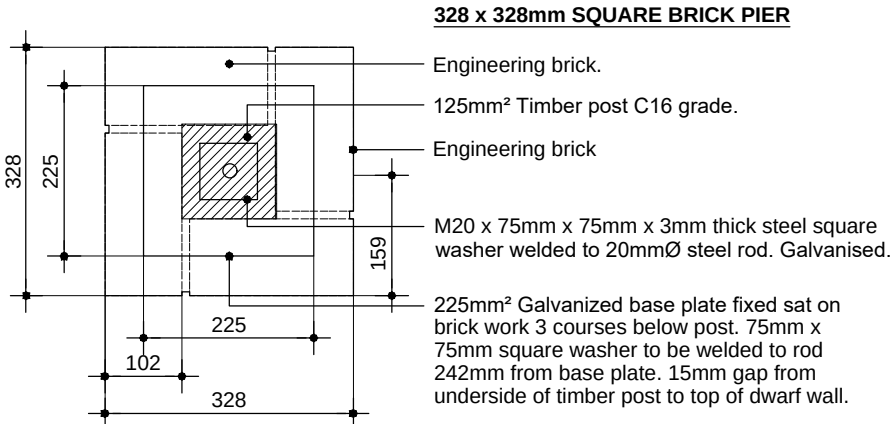
Date. January 2015 Scale. Various @ A3

Dwg No. **CE[13]19_03** Rev. **A**

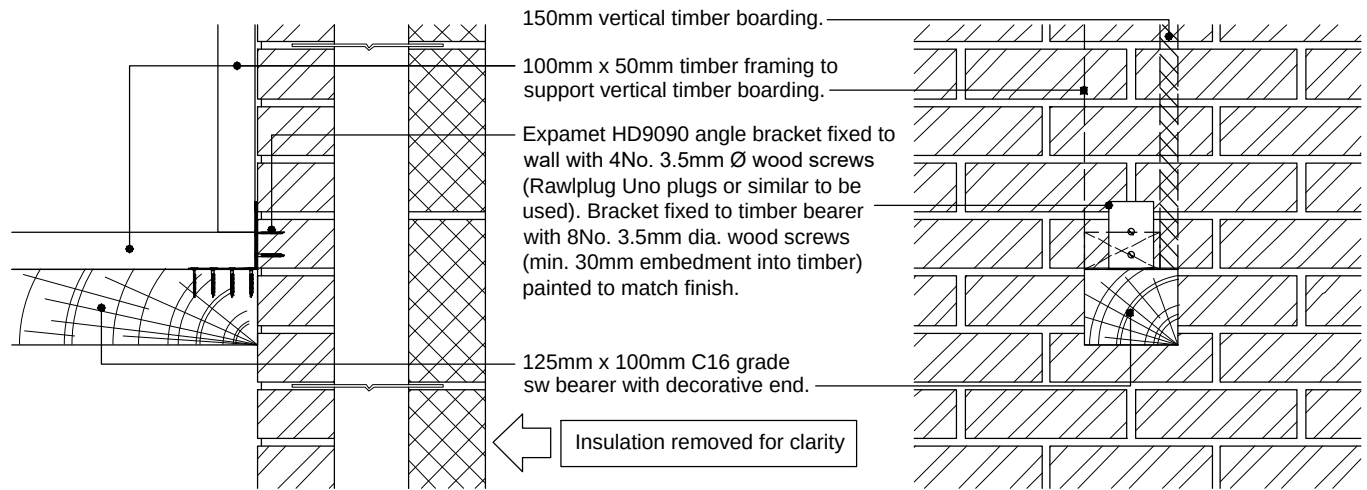
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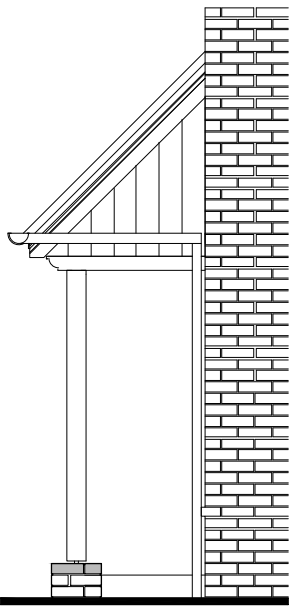
D1b - PORCH POST DETAIL (scale 1:10)



D2b - SECTION THROUGH PORCH POST ON BRICK PIER (scale 1:10)

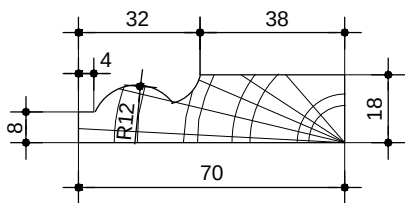
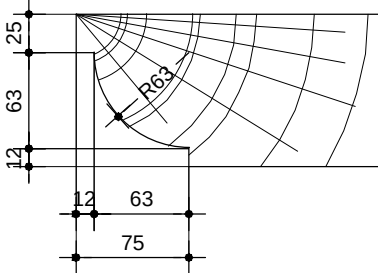


D5 - SECTION DETAIL OF BRACKET / BEARER / CONNECTION TO EXTERNAL WALL (scale 1:10)

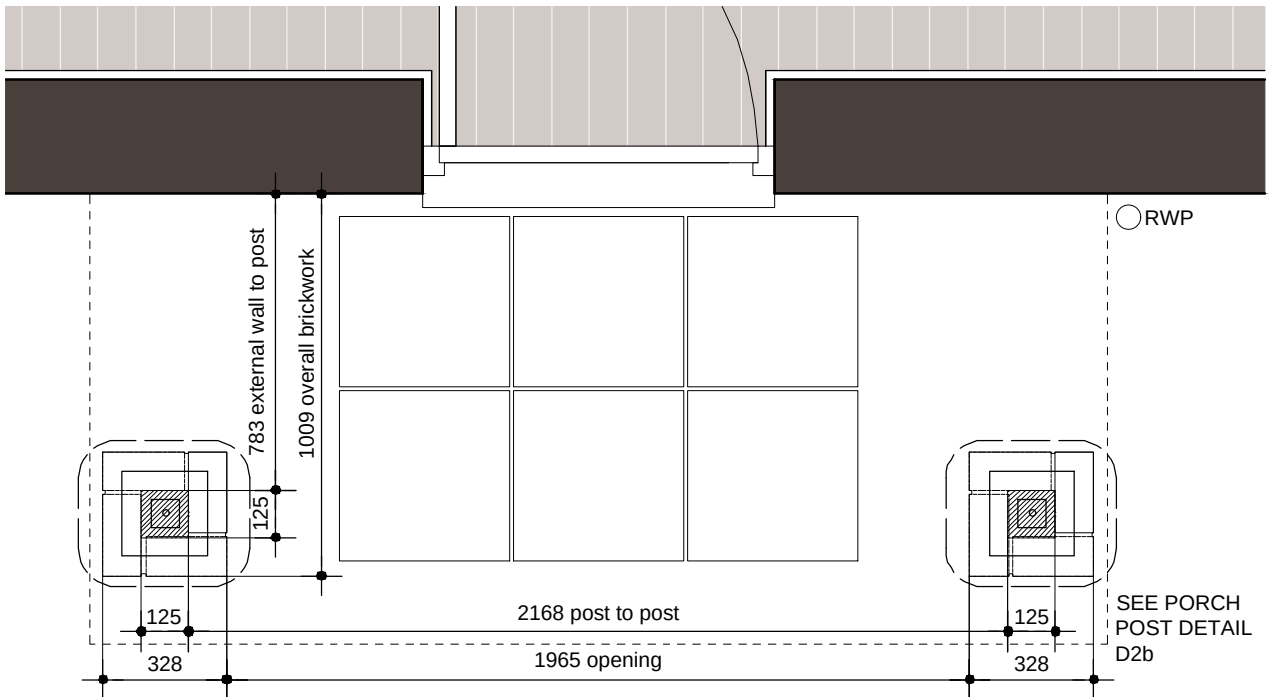


SIDE ELEVATION (1:50)

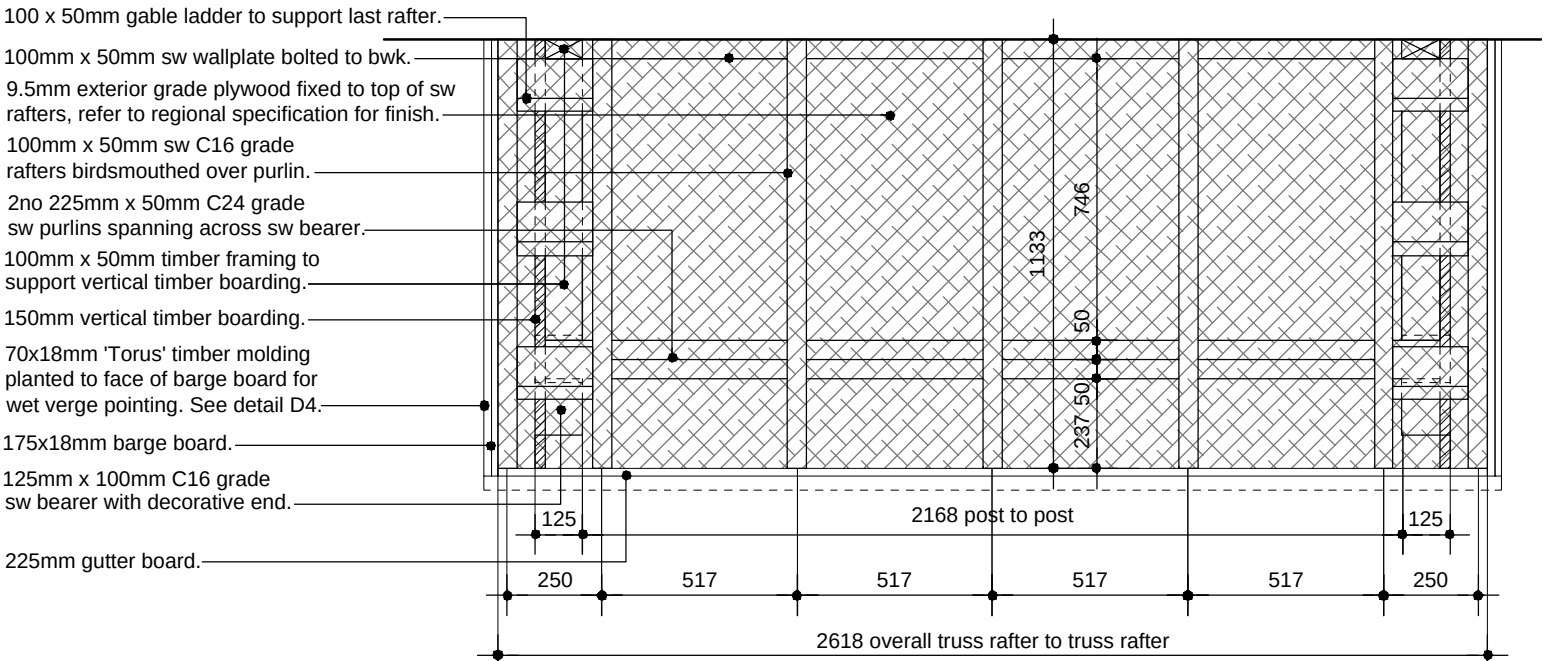
D3 - BEARER DECORATIVE END DETAIL (scale 1:5)



D4 - 'TORUS' MOLDING n.t.s.



TYPICAL PLAN (SCALE 1:20)



TYPICAL ROOF PLAN (SCALE 1:20)

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

Rev B (Oct 2018) - Brick plinth updated to engineering brick.

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SECTION THRU' (1:20)

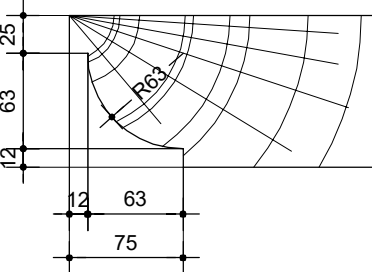
STYLE 1 FRONT ELEVATION (1:20)

SECTION THRU' (1:20)

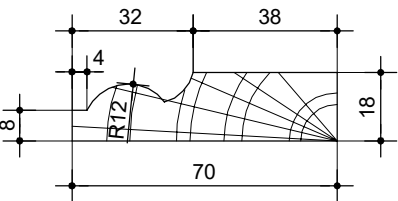
REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

D3 - BEARER DECORATIVE END DETAIL (scale 1:5)



D4 - 'TORUS' MOLDING n.t.s.



Rev G (Nov 2018) - Cill updated to brick soldier course.
Rev F (Oct 2018) - Brick plinth updated to engineering brick.

BLOOR HOMES
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Drawing Title:
Lean-To/'A' Frame Timber Porch Details -
(Sheet 1)

Date. March 2013	Scale. Various @ A3
Dwg No. CE[13]20_01	Rev. G

100mm x 50mm sw rafters notched over and nailed on sw bearer. Plugged and screwed to external wall.

Expamet HD9090 angle bracket fixed to wall with 4No. 3.5mm Ø wood screws (Rawplug Uno plugs or similar to be used). Bracket fixed to timber bearer with 8No. 3.5mm dia. wood screws (min. 30mm embedment into timber) painted to match finish.

125mm x 100mm C16 grade sw bearer with decorative end.

Insulation removed for clarity

150mm vertical timber boarding.

100mm x 50mm timber framing to support vertical timber boarding.

Expamet HD9090 angle bracket fixed to wall with 4No. 3.5mm Ø wood screws (Rawplug Uno plugs or similar to be used). Bracket fixed to timber bearer with 8No. 3.5mm dia. wood screws (min. 30mm embedment into timber) painted to match finish.

125mm x 100mm C16 grade sw bearer with decorative end.

Insulation removed for clarity

100mm x 50mm sw wallplate bolted to bwk.

100mm x 50mm timber framing to support vertical timber boarding.

100mm x 50mm sw C16 grade rafters birdsmouthed over purlin.

150mm vertical timber boarding.

2no 225mm x 50mm sw C24 grade purlins spanning across sw bearer.

70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.

175x18mm barge board.

125mm sq. timber post C16 grade.

125mm x 100mm C16 grade sw bearer with decorative end.

195mm gutter board.

Valley Tiles to be used to form valley or traditional lead valley to avoid unsightly open end of plastic valley tray.

125 x 50 intermediate timbers fixed to rafter to provide support for barge board. Overhang to be cloaked with soffit board.

TYPICAL ROOF PLAN
(SCALE 1:20)

- 200 x 25mm treated sw ridge board.
- 150mm x 50mm sw rafters notched over and nailed on sw bearer.
- Plugged and screwed to external wall.
- 100mm gutter board.
- 9.5mm exterior grade ply fixed to top of sw rafters, refer to regional specification for finish.
- 100mm x 50mm sw rafters notched over and nailed on sw bearer.
- 125mm x 100mm C16 grade sw bearer with decorative end.
- 75mm x 50mm vertical timbers fixed in line with beam.
- 150mm x 100mm timber beam secured onto bearer.
- 175x18mm barge board.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing.

See detail D4.

15

125mm² Timber post C16 grade.

225mm² Galvanized base plate fixed sat on brick work 3 courses below post. 75mm x 75mm square washer to be welded to rod 242mm from base plate. 15mm gap from underside of timber post to top of dwarf wall.

Engineering brick.

328 x 328mm SQUARE BRICK PIER

Engineering brick.

125mm² Timber post C16 grade.

Engineering brick

M20 x 75mm x 75mm x 3mm thick steel square washer welded to 20mmØ steel rod. Galvanised.

225mm² Galvanized base plate fixed sat on brick work 3 courses below post. 75mm x 75mm square washer to be welded to rod 242mm from base plate. 15mm gap from underside of timber post to top of dwarf wall.

Dimensions: 328, 225, 159, 225, 102, 328.

Architectural section drawing of a porch structure. The drawing shows a cross-section with various structural elements and dimensions. Key features include:

- Dimensions:**
 - Overall width: 1332 opening.
 - Overall depth: 1009 overall brickwork.
 - Post-to-post width: 1108 post to post.
 - Post-to-post width (right side): 1535 post to post.
 - Post diameter: 125.
 - Opening width (left): 905 opening.
 - Opening width (right): 1332 opening.
 - Opening width (far right): 328.
 - Opening width (far right): 328.
 - Opening width (far right): 328.
- Structural Elements:**
 - External wall to post: 783 external wall to post.
 - Post to post: 1108 post to post.
 - Post to post: 1535 post to post.
 - Post to post: 1332 opening.
 - Post to post: 328.
 - Post to post: 328.
 - Post to post: 328.
- Labels:**
 - RWP (Right Wall Post)
 - SEE PORCH POST DETAIL D2

Rev G (Oct 2018) - Brick plinth updated to engineering brick.

100 x 50 sw C16 grade rafters at 400mm c/cs birdsmouthed over purlin.

Code 4 lead flashing.

Plain tiles on 38mm x 25mm treated sw battens on untearable sarking felt or similar approved.

150mm x 50mm sw wallplate bolted to bwk.

9.5mm exterior grade plywood fixed to top of sw rafters, refer to regional specification for finish.

175x18mm barge board.

2no 225mm x 50mm sw C24 grade purlins spanning across sw bearer.

195mm gutter board.

SEE DECORATIVE END DETAIL D3

150mm vertical timber boarding.

Rain water pipe colour to regional spec.

125mm x 100mm C24 grade sw bearer with decorative end.

100mm x 50mm timber framing to support vertical timber boarding.

SEE CONNECTION DETAIL D6

2110

dpc

150

Engineering brick.

Valley Tiles to be used to form valley or traditional lead valley to avoid unsightly open end of plastic valley tray.

50°

SEE DECORATIVE END DETAIL D3

SEE PORCH POST DETAIL D1 & D2

Half round ridge tile.

Plain tiles on 38mm x 25mm treated sw battens on untearable sarking felt or similar approved.

Code 4 lead flashing.

70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.

175x18mm barge board fixed to 100 x 50mm timbers.

75mm x 50mm vertical timbers fixed in line with beam.

125 x 50 intermediate timbers fixed to rafter, to provide support for barge board. Overhang to be cloaked with soffit board.

125mm x 100mm C16 grade sw bearer with decorative end.

100mm x 50mm sw rafters notched over and nailed on sw bearer.

SEE DECORATIVE END DETAIL D3

150mm x 100mm timber beam fixed onto bearer. See elevations for type.

Expamet HD9090 angle bracket fixed to wall with 4No. 3.5mm Ø wood screws (Rawplug Uno plugs or similar to be used). Bracket fixed to timber bearer with 8No. 3.5mm dia. wood screws (min. 30mm embedment into timber).

125mm sq. timber post C16 grade.

Rain water down pipe colour to regional spec.

Engineering brick.

200 x 25mm treated sw ridge board. 9.5mm exterior grade plywood fixed to top of sw rafters, refer to regional specification for finish.

75

1093

SEE CONNECTION DETAIL D5

SECTION THRU' (1:20)

Date. January 2015	Scale. Various @ A3
Dwg No. CE[13]20_03	Rev. C

100mm x 50mm sw rafters notched over and nailed on sw bearer. Plugged and screwed to external wall.

Expamet HD9090 angle bracket fixed to wall with 4No. 3.5mm Ø wood screws (Rawplug Uno plugs or similar to be used). Bracket fixed to timber bearer with 8No. 3.5mm dia. wood screws (min. 30mm embedment into timber) painted to match finish.

125mm x 100mm C16 grade sw bearer with decorative end.

Insulation removed for clarity

150mm vertical timber boarding.

100mm x 50mm timber framing to support vertical timber boarding.

Expamet HD9090 angle bracket fixed to wall with 4No. 3.5mm Ø wood screws (Rawplug Uno plugs or similar to be used). Bracket fixed to timber bearer with 8No. 3.5mm dia. wood screws (min. 30mm embedment into timber) painted to match finish.

125mm x 100mm C16 grade sw bearer with decorative end.

Insulation removed for clarity

The image contains two architectural drawings. The left drawing is a 'TYPICAL ROOF PLAN (SCALE 1:20)' showing a cross-section of a roof structure. It includes dimensions for various components: 1357 o/a bearer, 571, 571, 459, 250, 933, 630, 208, 100, 75, 1186 overall bearer, 1785 o/a bearer, 75, 125, 150, 451, 1093 to edge of barge board, 450, 150, 195mm gutter board, 125 x 50 intermediate timbers fixed to rafter to provide support for barge board. Overhang to be cloaked with soffit board. The right drawing is a 'D1 - PORCH POST DETAIL (scale 1:10)' showing a cross-section of a porch post. It includes dimensions: 15, 125mm² Timber post C16 grade, 225mm² Galvanized base plate fixed sat on brick work 3 courses below post. 75mm x 75mm square washer to be welded to rod 242mm from base plate. 15mm gap from underside of timber post to top of dwarf wall. The drawing shows the post, base plate, and brickwork.

TYPICAL ROOF PLAN (SCALE 1:20)

100mm x 50mm sw wallplate bolted to bwk.
 100mm x 50mm timber framing to support vertical timber boarding.
 100mm x 50mm sw C16 grade rafters birdsmouthed over purlin.
 150mm vertical timber boarding.
 2no 225mm x 50mm sw C24 grade purlins spanning across sw bearer.
 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.
 175x18mm barge board.
 125mm sq. timber post C16 grade.
 125mm x 100mm C16 grade sw bearer with decorative end.
 195mm gutter board.

Valley Tiles to be used to form valley or traditional lead valley to avoid unsightly open end of plastic valley tray.

200 x 25mm treated sw ridge board.
 150mm x 50mm sw rafters notched over and nailed on sw bearer. Plugged and screwed to external wall.
 100mm gutter board.
 9.5mm exterior grade ply fixed to top of sw rafters, refer to regional specification for finish.
 100mm x 50mm sw rafters notched over and nailed on sw bearer.
 125mm x 100mm C16 grade sw bearer with decorative end.
 75mm x 50mm vertical timbers fixed in line with beam.
 150mm x 100mm timber beam secured onto bearer.
 175x18mm barge board.
 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.

D1 - PORCH POST DETAIL (scale 1:10)

125mm² Timber post C16 grade.
 225mm² Galvanized base plate fixed sat on brick work 3 courses below post. 75mm x 75mm square washer to be welded to rod 242mm from base plate. 15mm gap from underside of timber post to top of dwarf wall.
 Engineering brick.

SIDE ELEVATION (1:50) SIDE ELEVATION (1:50)

ALL TIMBER TO BE PRESERVATIVE
TREATED TO BS 5268 P.T 5 1977. WITH
CUTS & JOINTS TREATED ON SITE.

328 x 328mm SQUARE BRICK PIER

Engineering brick.

125mm² Timber post C16 grade.

Engineering brick

M20 x 75mm x 75mm x 3mm thick steel square washer welded to 20mmØ steel rod. Galvanised.

225mm² Galvanized base plate fixed sat on brick work 3 courses below post. 75mm x 75mm square washer to be welded to rod 242mm from base plate. 15mm gap from underside of timber post to top of dwarf wall.

Technical drawing showing a cross-section of a wall connection. The drawing includes dimensions and labels for various components:

- Engineering brick.
- 125mm² Timber post C16 grade.
- Engineering brick
- M20 x 75mm x 75mm x 3mm thick steel square washer welded to 20mmØ steel rod. Galvanised.
- 225mm² Galvanized base plate fixed sat on brick work 3 courses below post. 75mm x 75mm square washer to be welded to rod 242mm from base plate. 15mm gap from underside of timber post to top of dwarf wall.

Dimensions shown:

- Overall height: 328
- Height from base to top of brickwork: 225
- Height from base to top of timber post: 159
- Width of timber post: 102
- Width of base plate: 225
- Overall width: 328

328 x 328mm SQUARE BRICK PIER

- Engineering brick.
- 125mm² Timber post C16 grade.
- Engineering brick
- M20 x 75mm x 75mm x 3mm thick steel square washer welded to 20mmØ steel rod. Galvanised.
- 225mm² Galvanized base plate fixed sat on brick work 3 courses below post. 75mm x 75mm square washer to be welded to rod 242mm from base plate. 15mm gap from underside of timber post to top of dwarf wall.

D2 - SECTION THROUGH PORCH POST ON BRICK PIER (scale 1:10)

Technical drawing showing a section through a porch post on a brick pier. The drawing includes dimensions for the post (328 x 328mm), the brick pier (328 x 328mm), and the post's position relative to the pier. The post is made of timber (C16 grade) and is supported by a steel square washer welded to a 20mmØ steel rod. The base plate is fixed to the brick work 3 courses below the post. The drawing also shows the post's position relative to the pier and the pier's position relative to the post.

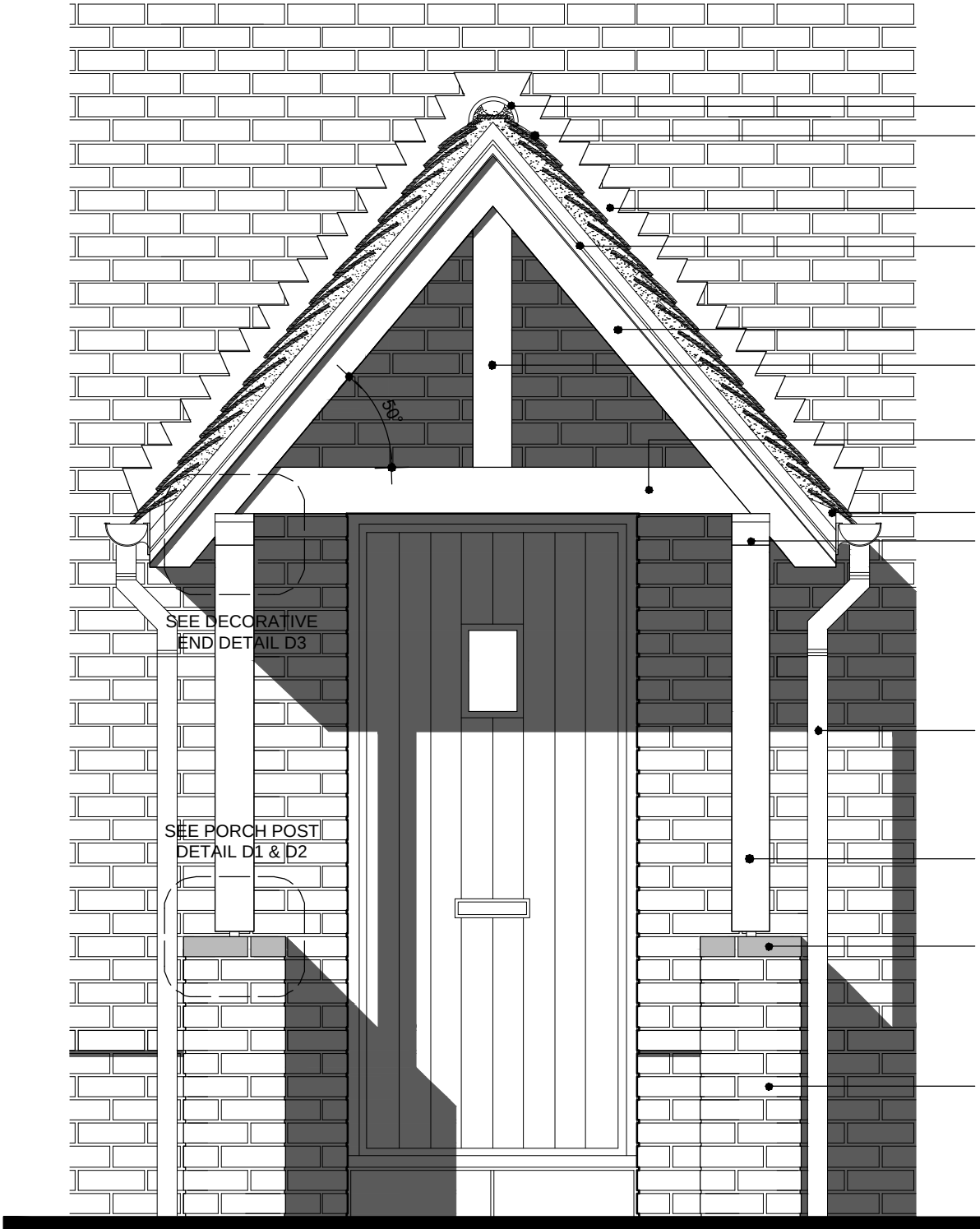
Technical drawing showing a plan view of the porch post layout. The drawing includes dimensions for the post (328 x 328mm), the brick pier (328 x 328mm), and the post's position relative to the pier. The post is made of timber (C16 grade) and is supported by a steel square washer welded to a 20mmØ steel rod. The base plate is fixed to the brick work 3 courses below the post. The drawing also shows the post's position relative to the pier and the pier's position relative to the post.

Technical drawing showing a plan view of the porch post layout. The drawing includes dimensions for the post (328 x 328mm), the brick pier (328 x 328mm), and the post's position relative to the pier. The post is made of timber (C16 grade) and is supported by a steel square washer welded to a 20mmØ steel rod. The base plate is fixed to the brick work 3 courses below the post. The drawing also shows the post's position relative to the pier and the pier's position relative to the post.

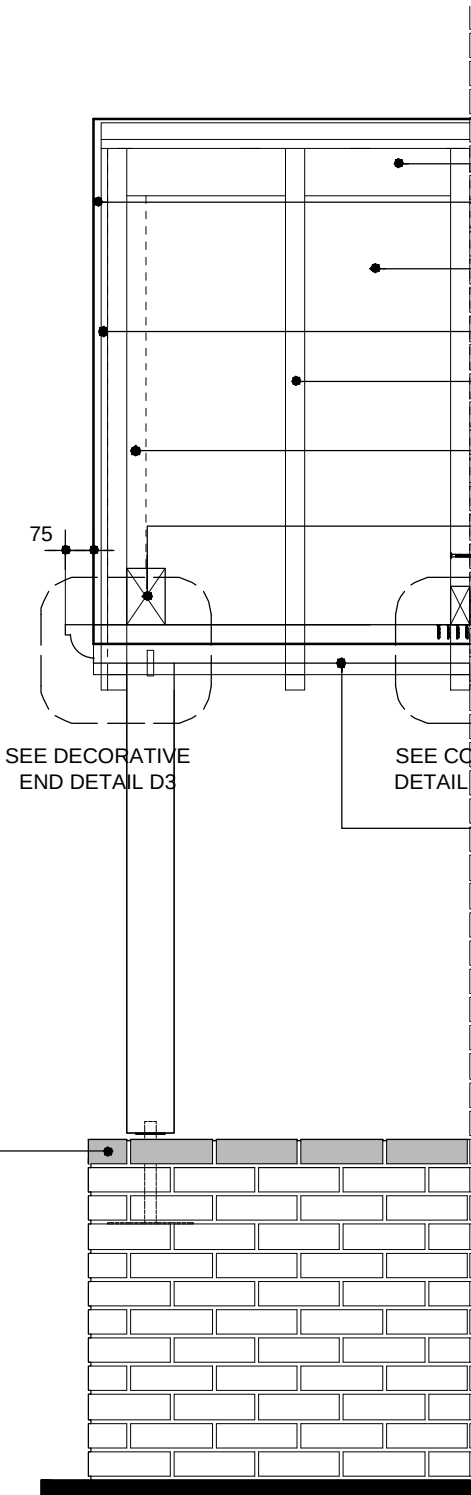
BLOOR HOMES®
©this drawing is copyright.

Date. January 2015	Scale. Various @ A3
Dwg No. CE[13]20_04	Rev. C

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FRONT ELEVATION (1:20)

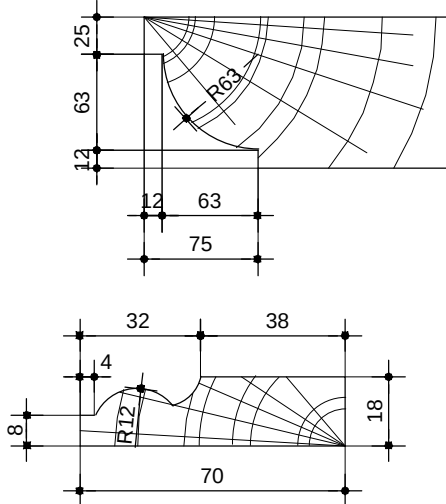


SECTION THRU' (1:20)

- Half round ridge tile.
- Plain tiles on 38mm x 25mm treated sw battens on untearable sarking felt or similar approved.
- Code 4 lead flashing.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.
- 175x18mm barge board.
- 125mm x 50mm vertical timber fixed in line with beam.
- 150mm x 100mm collar tie fixed to outer rafter. See elevations for type.
- SW tilting fillet.
- 125mm x 100mm C16 grade sw bearer with decorative end.
- Rain water down pipe colour to regional spec.
- 125mm sq. timber post C16 grade.
- Engineering brick.
- Dwarf wall with engineering brick capping.

- 200 x 25mm treated sw ridge board.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.
- 9.5mm exterior grade plywood fixed to top of sw rafters, refer to regional specification for finish.
- 175x18mm barge board fixed to 150 x 50mm sw rafter.
- 100mm x 50mm sw rafters notched over and nailed on sw bearer.
- 125mm x 50mm vertical timbers fixed in line with beam.
- 150mm x 100mm timber beam fixed onto bearer. See elevations for type.
- Expamet HD9090 angle bracket fixed to wall with 4No. 3.5mm Ø wood screws (Rawlplug Uno plugs or similar to be used). Bracket fixed to timber bearer with 8No. 3.5mm dia. wood screws (min. 30mm embedment into timber).
- 125mm x 100mm C16 grade sw bearer with decorative end.

D3 - BEARER DECORATIVE END DETAIL (scale 1:5)



D4 - 'TORUS' MOLDING n.t.s.

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

Rev D (Oct 2018) - Brick plinth updated to engineering brick.

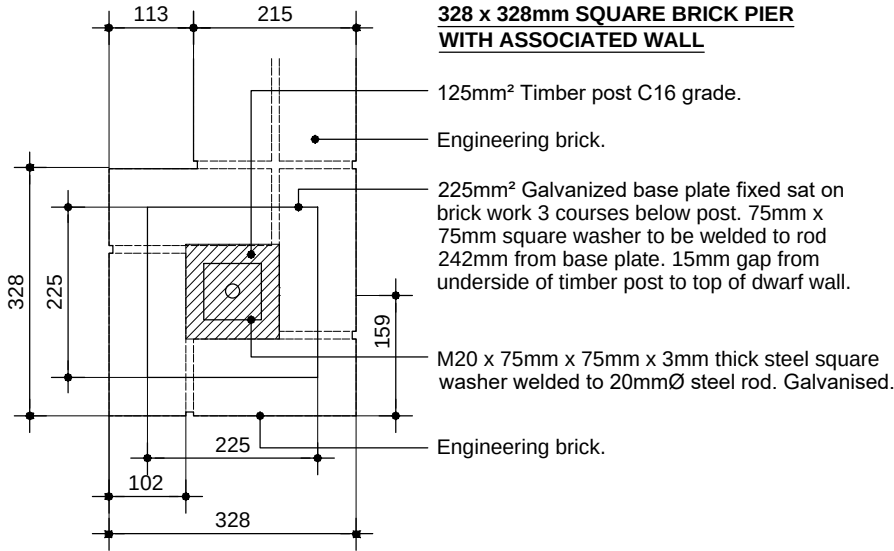


Drawing Title:
Medium Timber Porch Details
(Sheet 1)

Date. March 2013 Scale. Various @ A3

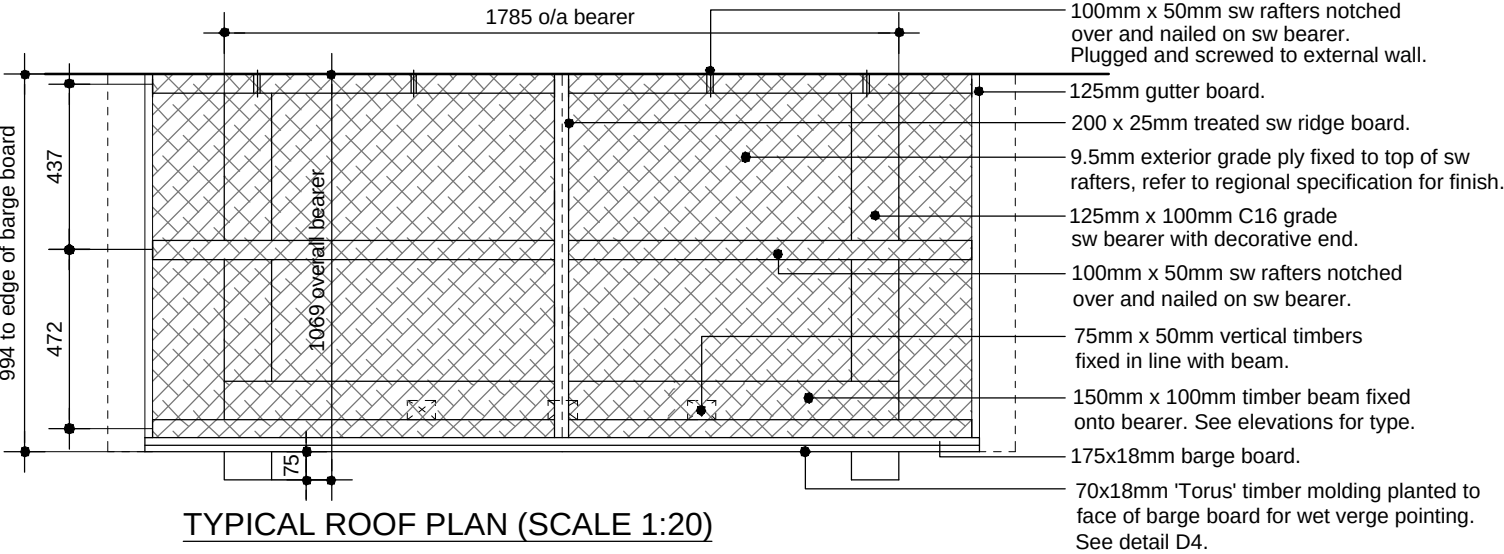
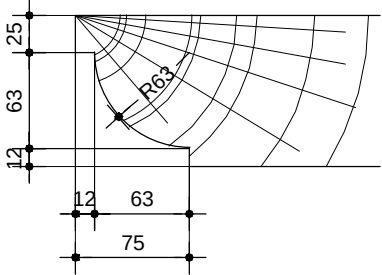
Dwg No. **CE[13]22_01** Rev. **D**

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D2 - SECTION THROUGH PORCH POST ON BRICK PIER (scale 1:10)

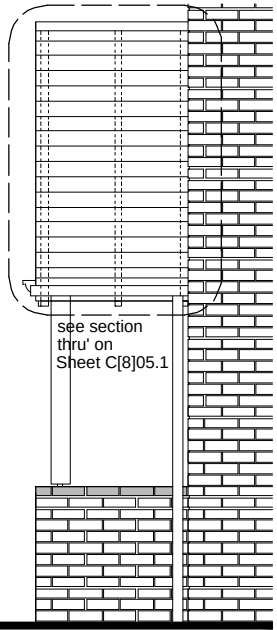
D3 - BEARER DECORATIVE END DETAIL (scale 1:5)



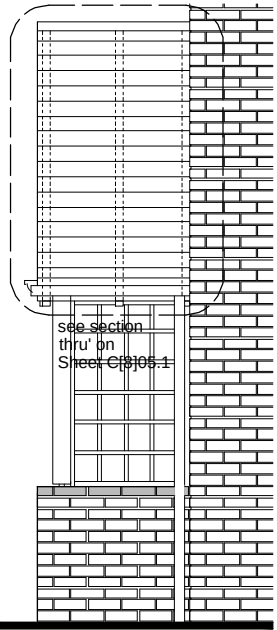
TYPICAL ROOF PLAN (SCALE 1:20)



FRONT ELEVATION (1:50)

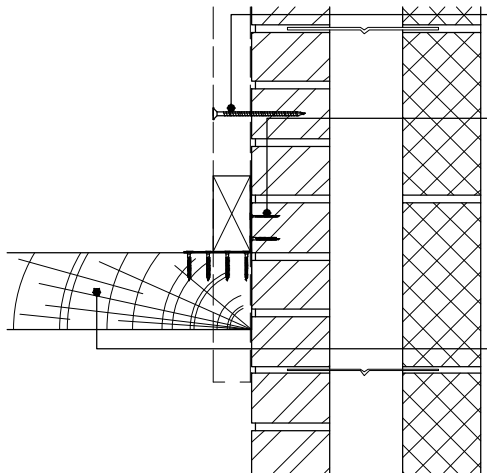


SIDE ELEVATION

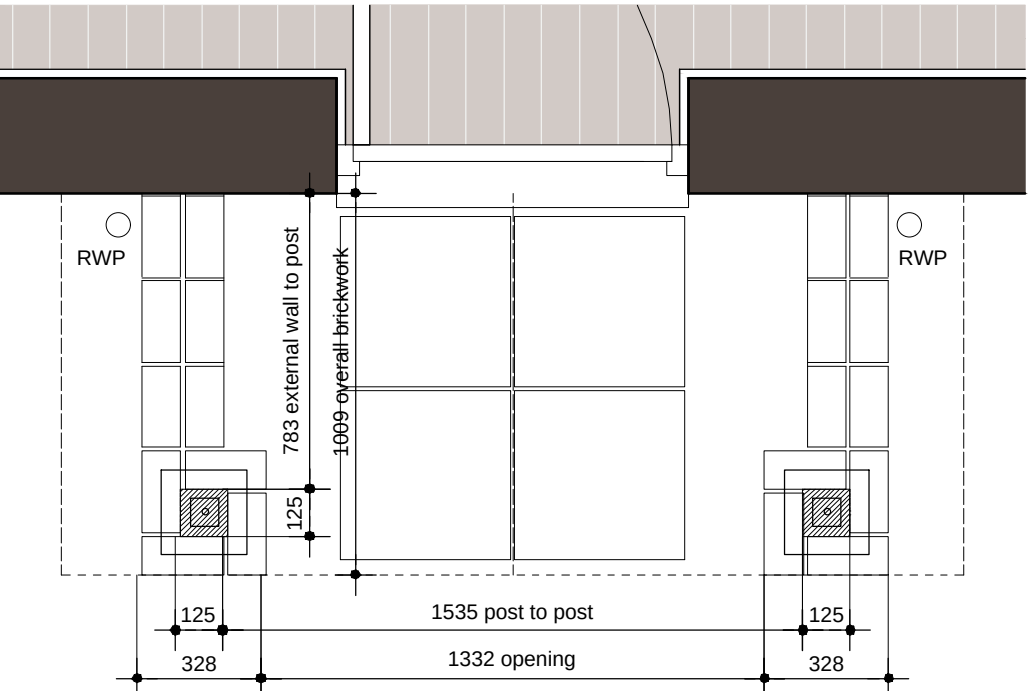


ALTERNATIVE TRELLIS SIDE ELEVATION (scale 1:50)

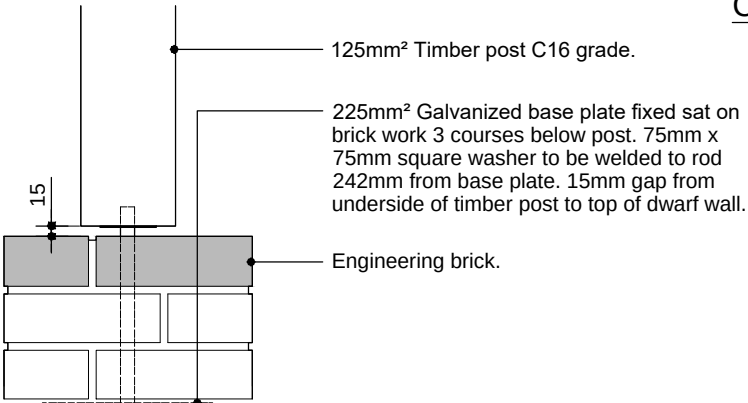
REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62



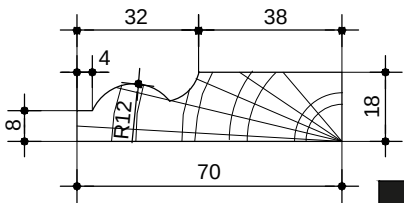
D5 - SECTION DETAIL OF BRACKET / BEARER / RAFTER CONNECTION TO EXTERNAL WALL (scale 1:10)



TYPICAL PLAN PROFILE (SCALE 1:20)



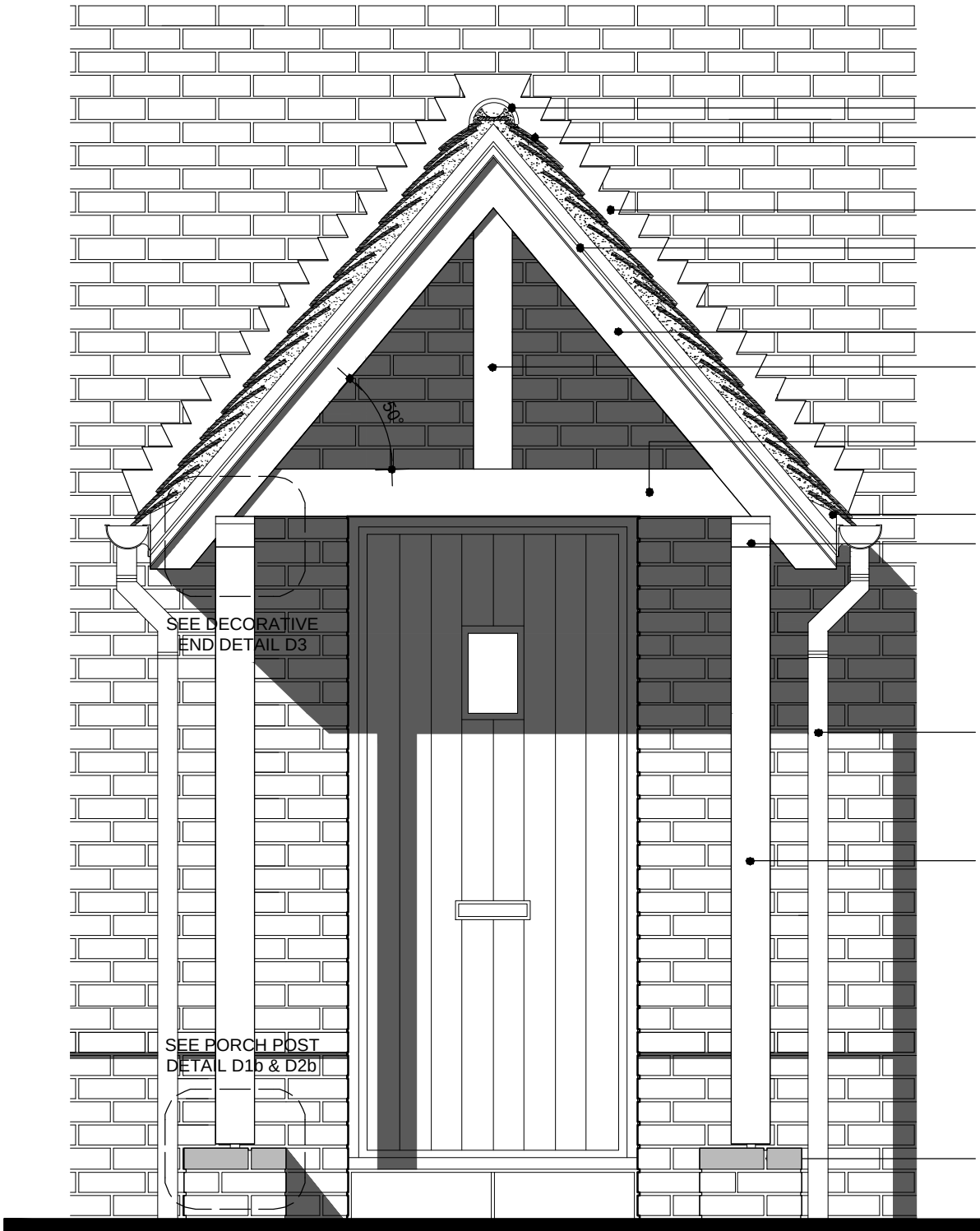
D1 - PORCH POST DETAIL (scale 1:10)



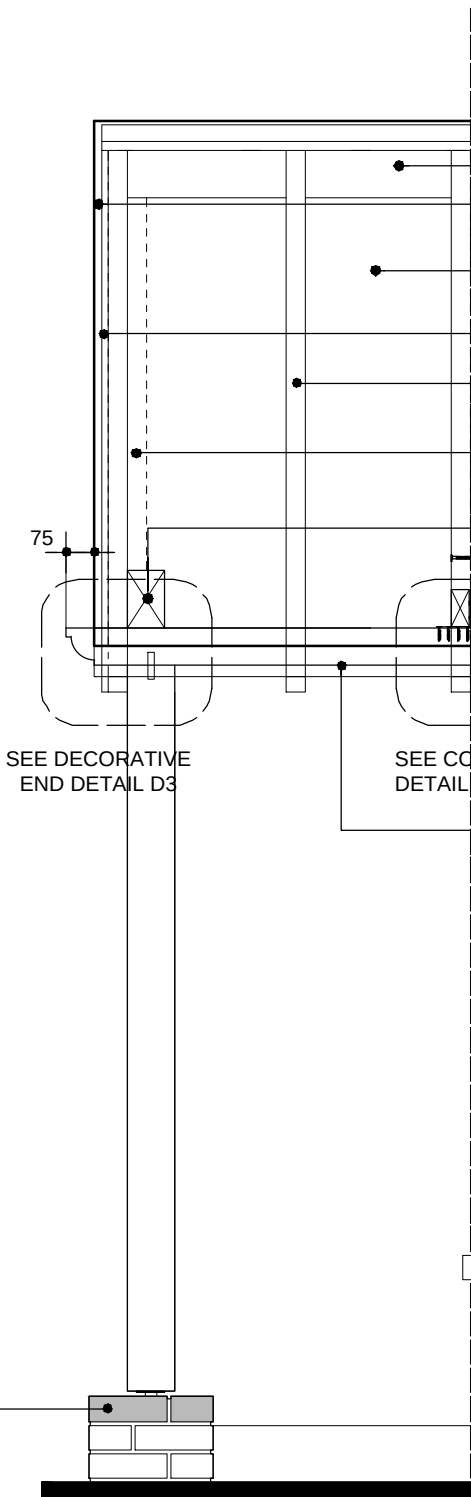
D4 - 'TORUS' MOLDING n.t.s.

Rev D (Oct 2018) - Brick plinth updated to engineering brick.

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FRONT ELEVATION (1:20)

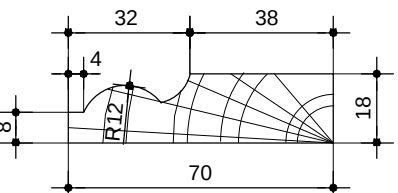
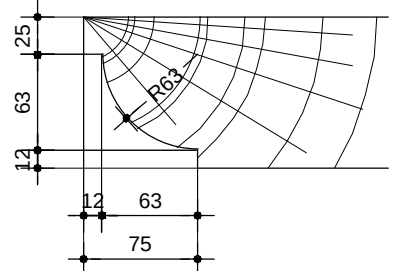


SECTION THRU' (1:20)

- Half round ridge tile.
- Plain tiles on 38mm x 25mm treated sw battens on untearable sarking felt or similar approved.
- Code 4 lead flashing.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.
- 175x18mm barge board.
- 125mm x 50mm vertical timber fixed in line with beam.
- 150mm x 100mm collar tie fixed to outer rafter. See elevations for type.
- SW tilting fillet.
- 125mm x 100mm C16 grade sw bearer with decorative end.
- Rain water down pipe colour to regional spec.
- 125mm sq. timber post C16 grade.
- Engineering brick.

- 200 x 25mm treated sw ridge board.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.
- 9.5mm exterior grade plywood fixed to top of sw rafters, refer to regional specification for finish.
- 175x18mm barge board fixed to 150 x 50mm sw rafter.
- 100mm x 50mm sw rafters notched over and nailed on sw bearer.
- 125mm x 50mm vertical timbers fixed in line with beam.
- 150mm x 100mm timber beam fixed onto bearer. See elevations for type.
- Expamet HD9090 angle bracket fixed to wall with 4No. 3.5mm Ø wood screws (Rawlplug Uno plugs or similar to be used). Bracket fixed to timber bearer with 8No. 3.5mm dia. wood screws (min. 30mm embedment into timber).
- 125mm x 100mm C16 grade sw bearer with decorative end.

D3 - BEARER DECORATIVE END DETAIL (scale 1:5)



D4 - 'TORUS' MOLDING n.t.s.

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

Rev A (Oct 2018) - Brick plinth updated to engineering brick.

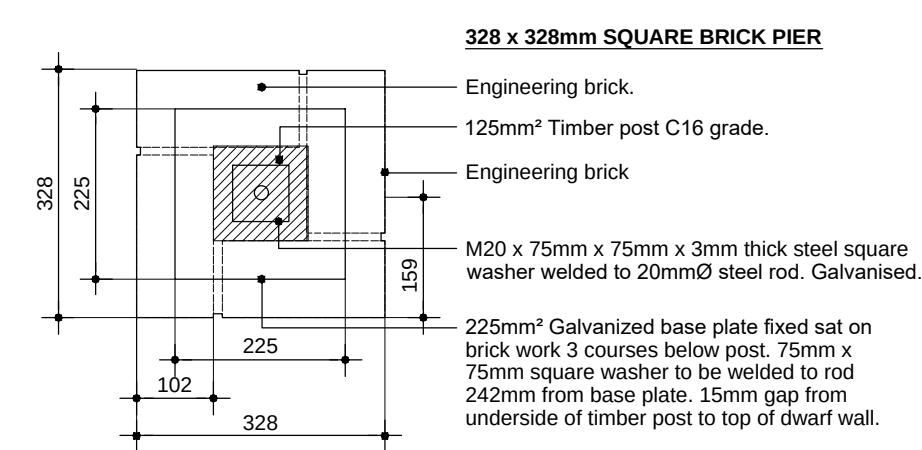


Drawing Title:
Medium Timber Porch Details -
Alternative Post (Sheet 3)

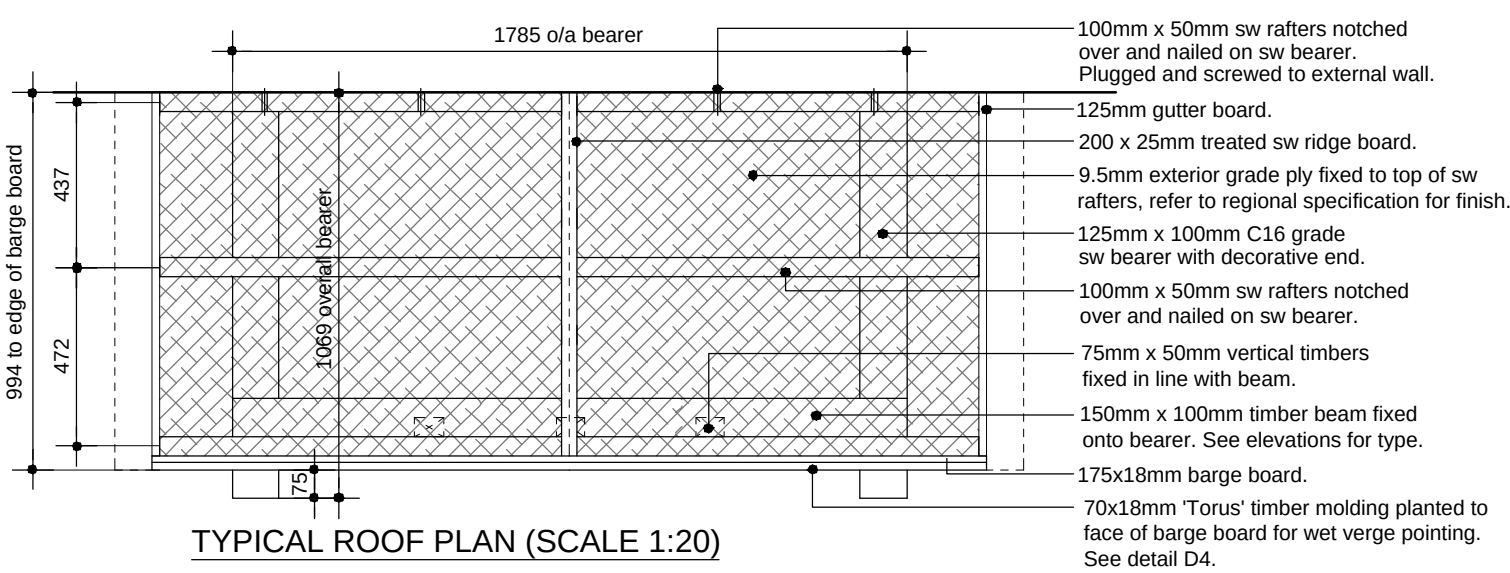
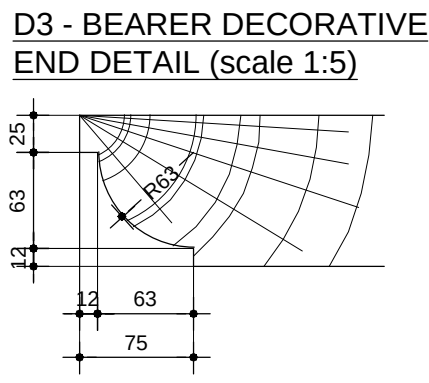
Date. January 2015 Scale. Various @ A3

Dwg No. **CE[13]22_03** Rev. **A**

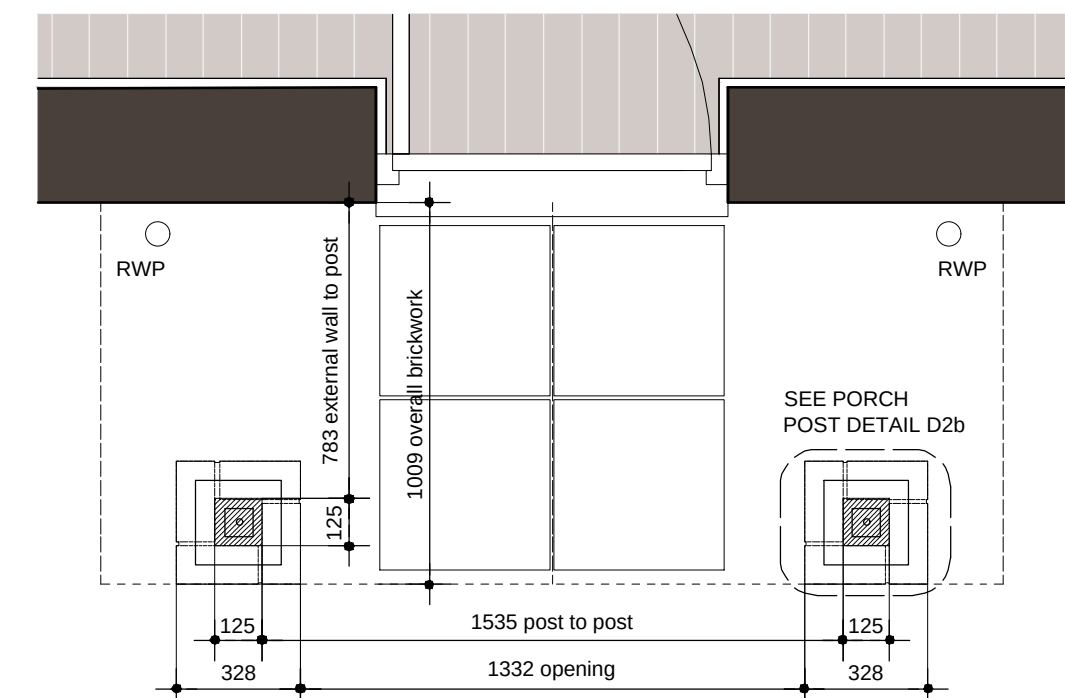
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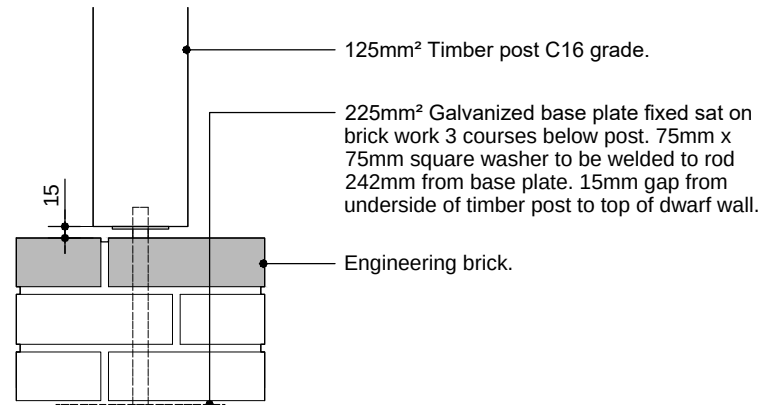
D2b - SECTION THROUGH PORCH POST ON BRICK PIER (scale 1:10)



TYPICAL ROOF PLAN (SCALE 1:20)



TYPICAL PLAN PROFILE (SCALE 1:20)

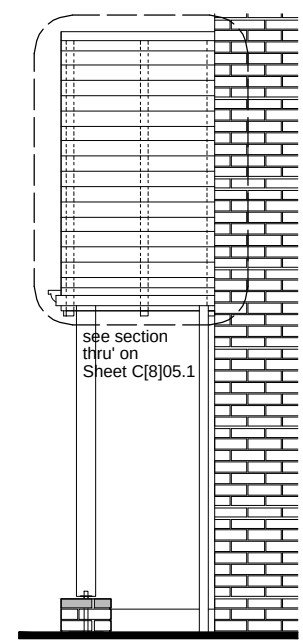


D1b - PORCH POST DETAIL (scale 1:10)

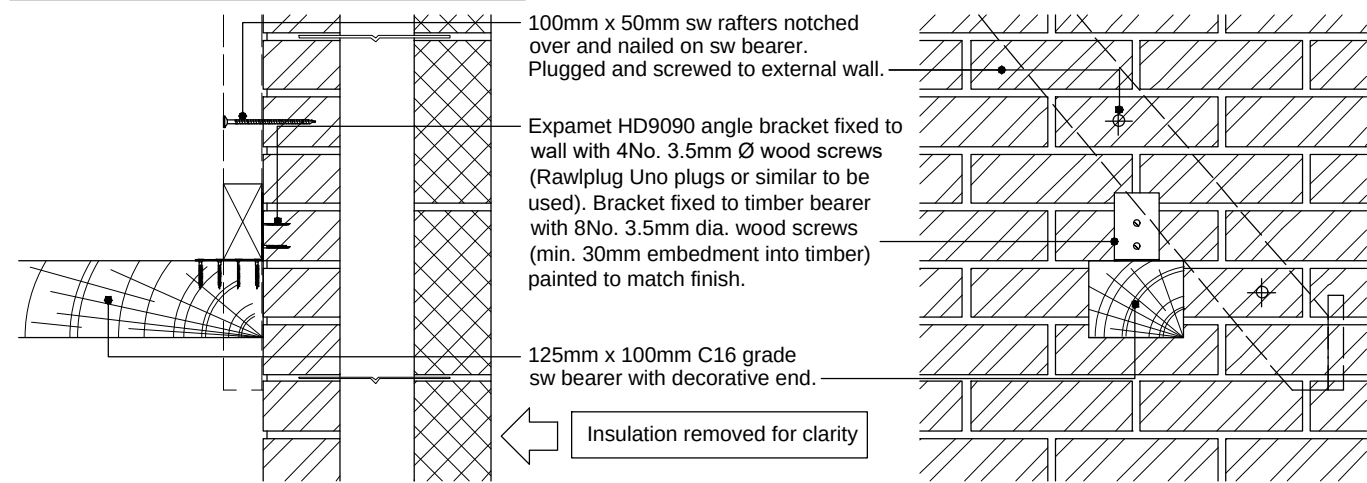


FRONT ELEVATION (1:50)

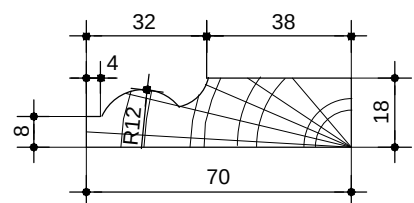
REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62



SIDE ELEVATION



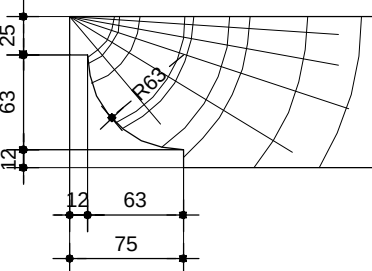
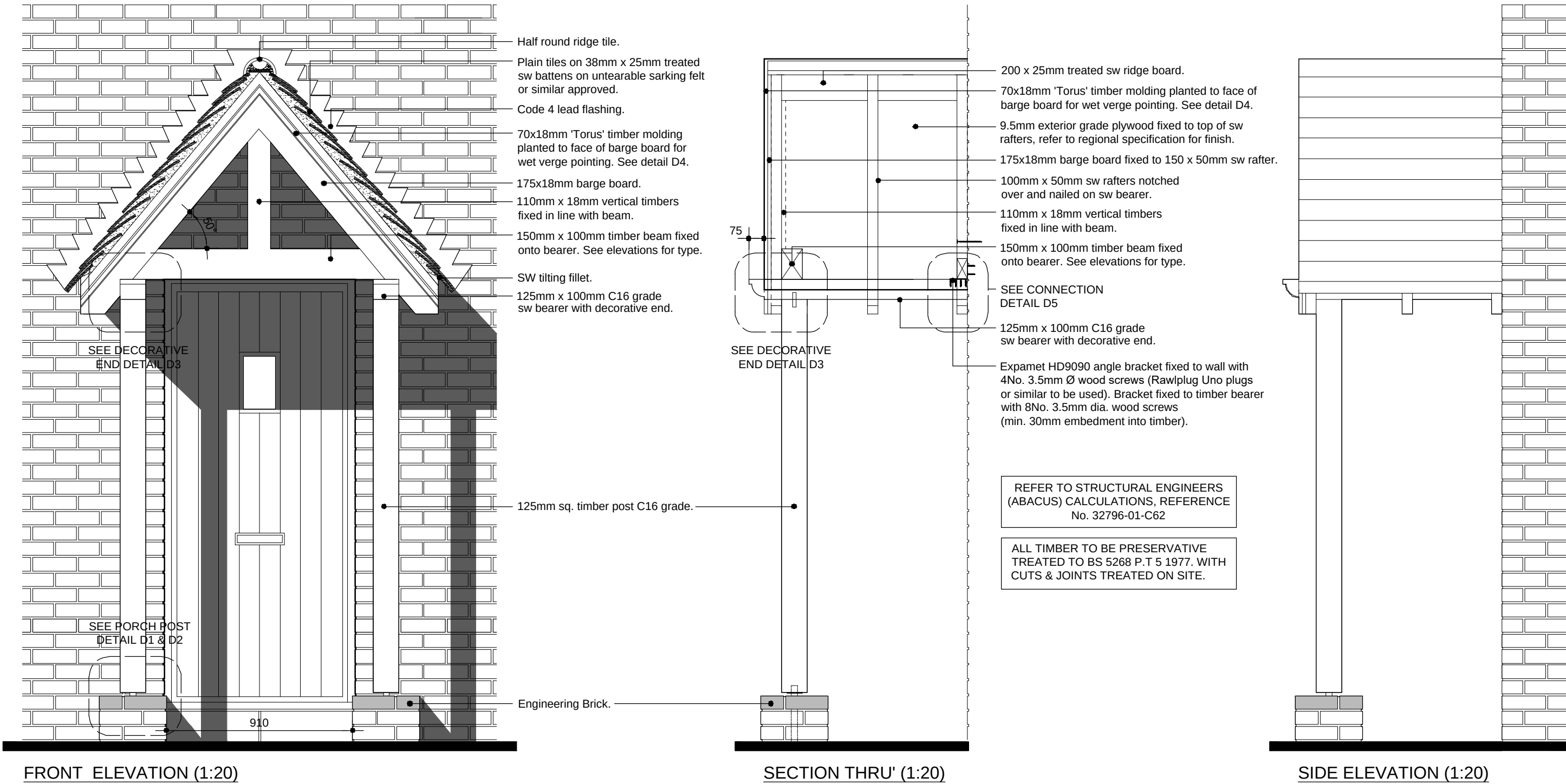
D5 - SECTION DETAIL OF BRACKET / BEARER / RAFTER CONNECTION TO EXTERNAL WALL (scale 1:10)



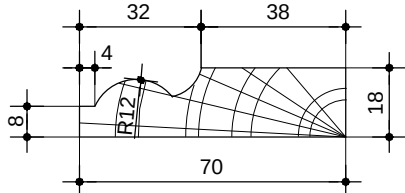
D4 - 'TORUS' MOLDING n.t.s.

Rev A (Oct 2018) - Brick plinth updated to engineering brick.

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D3 - BEARER DECORATIVE
END DETAIL (scale 1:5)



D4 - 'TORUS'
MOLDING n.t.s.

Rev D (Oct 2018) - Brick plinth updated to engineering brick.



Drawing Title:
Small Timber Porch Details
(Sheet 1)

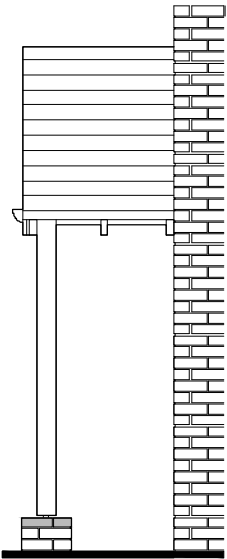
Date. March 2013 Scale. Various @ A3

Dwg No. **CE[13]23_01** Rev. **D**

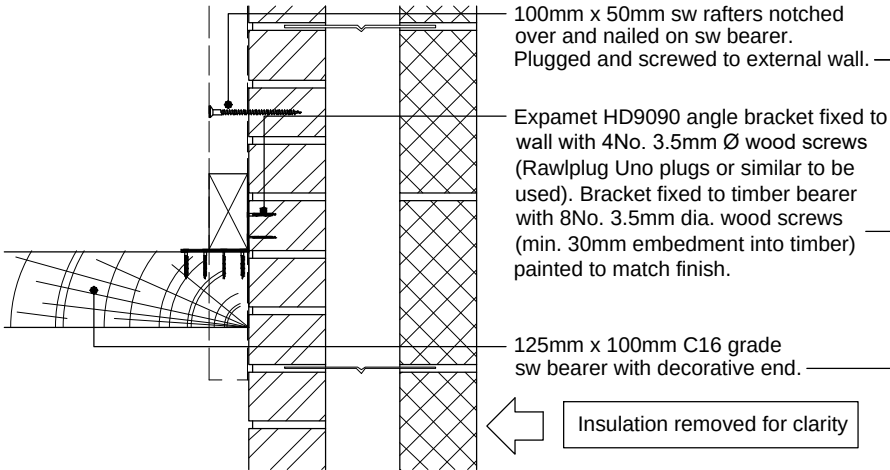
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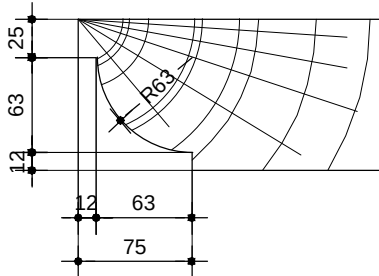
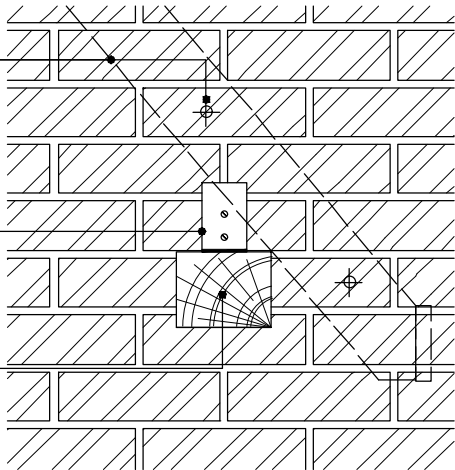
FRONT ELEVATION (1:50)



SIDE ELEVATION (1:50)



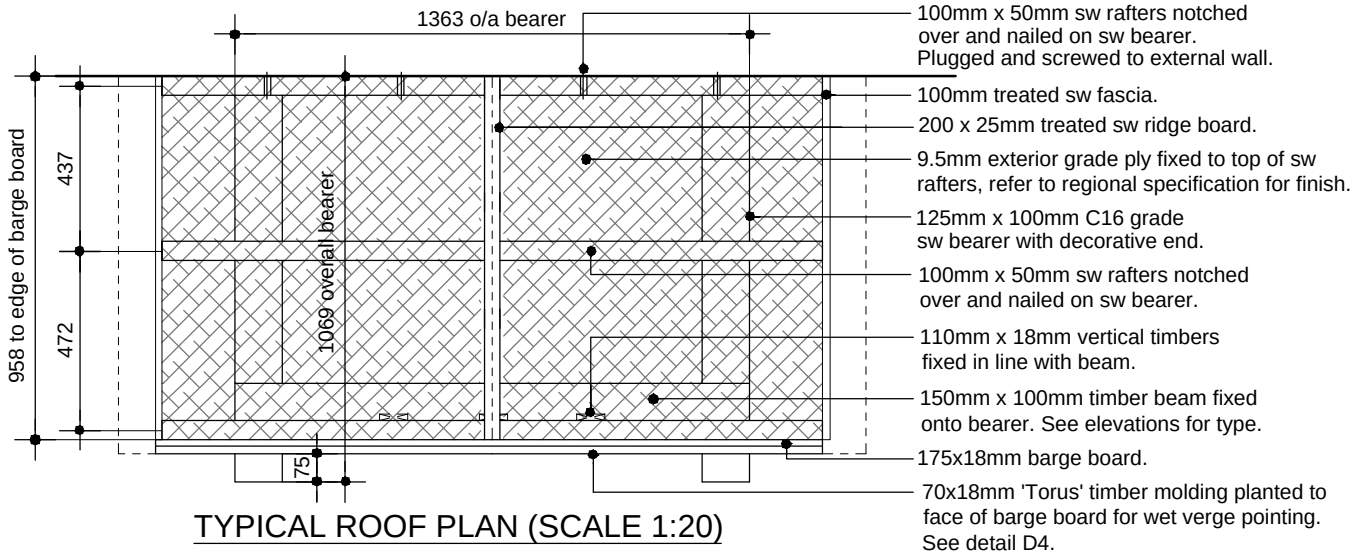
D5 - SECTION DETAIL OF BRACKET / BEARER / RAFTER CONNECTION TO EXTERNAL WALL (scale 1:10)



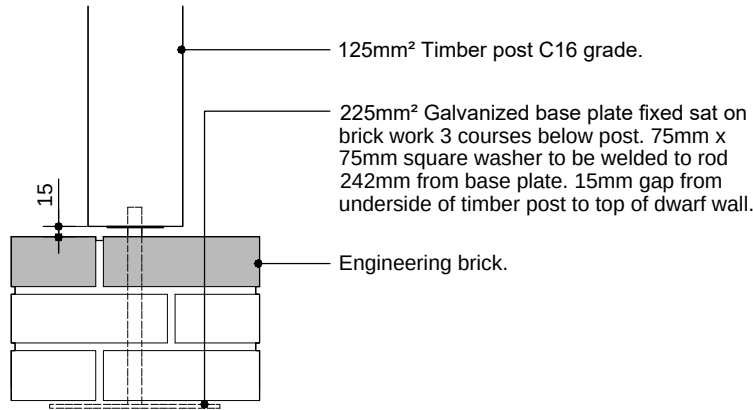
D3 - BEARER DECORATIVE END DETAIL (scale 1:5)

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

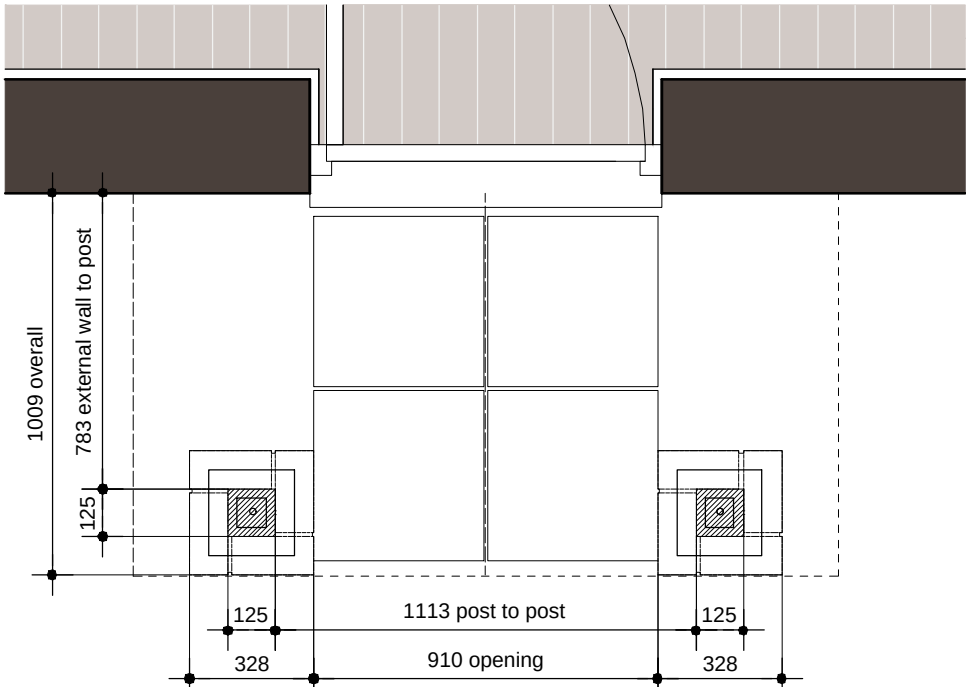
ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.



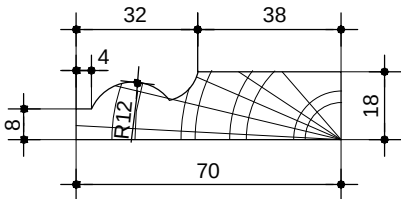
TYPICAL ROOF PLAN (SCALE 1:20)



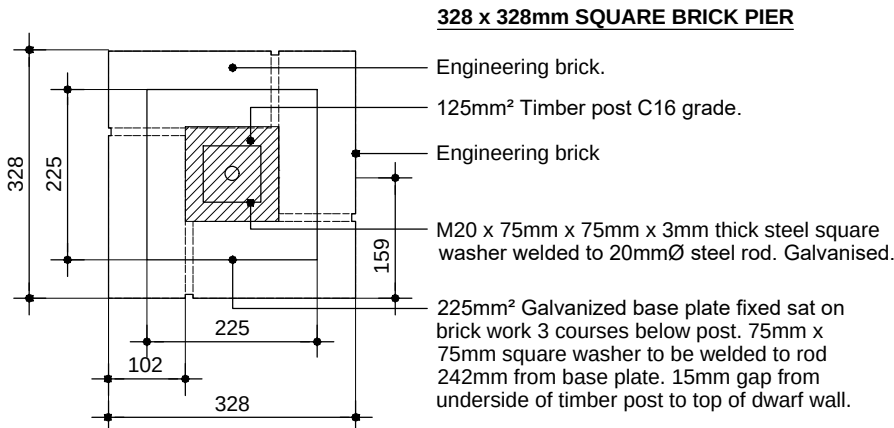
D1 - PORCH POST DETAIL (scale 1:10)



TYPICAL PLAN PROFILE (SCALE 1:20)



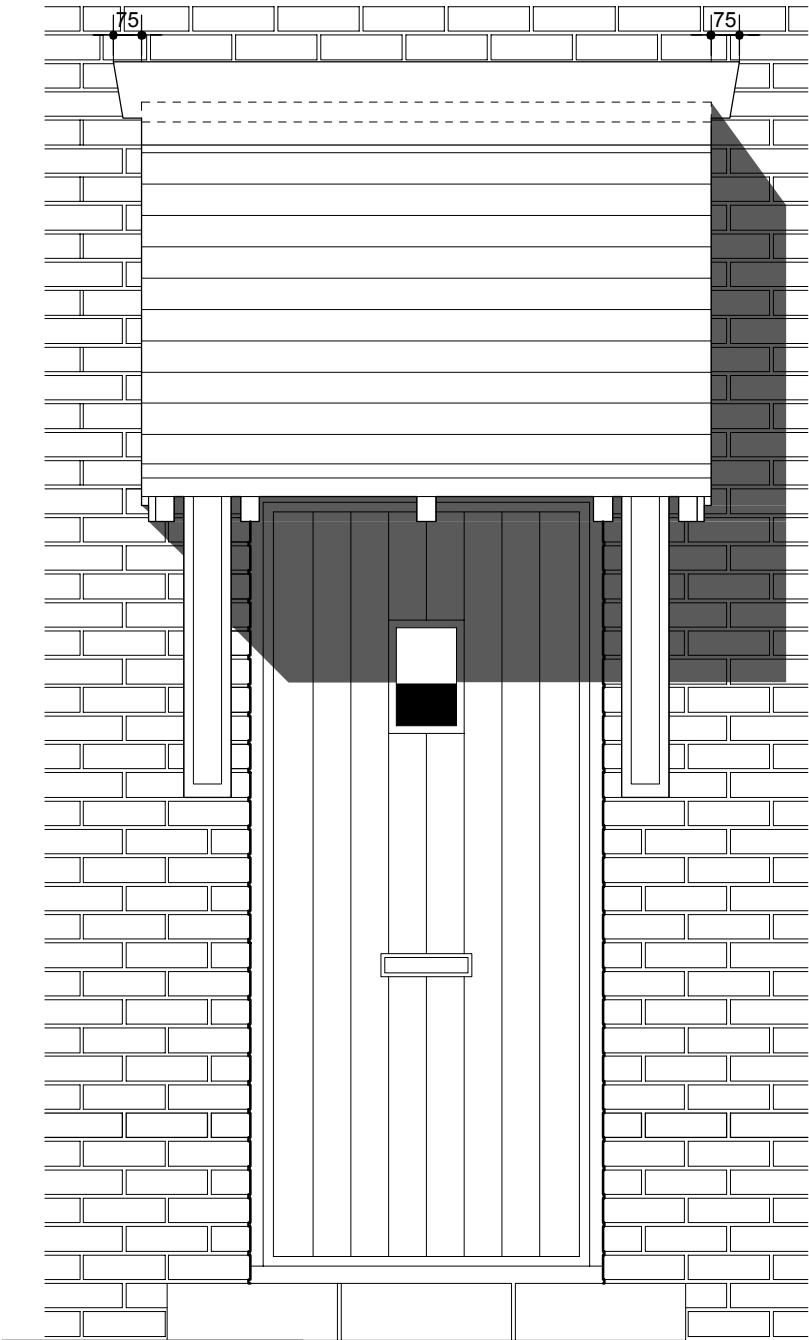
D4 - 'TORUS' MOLDING n.t.s.



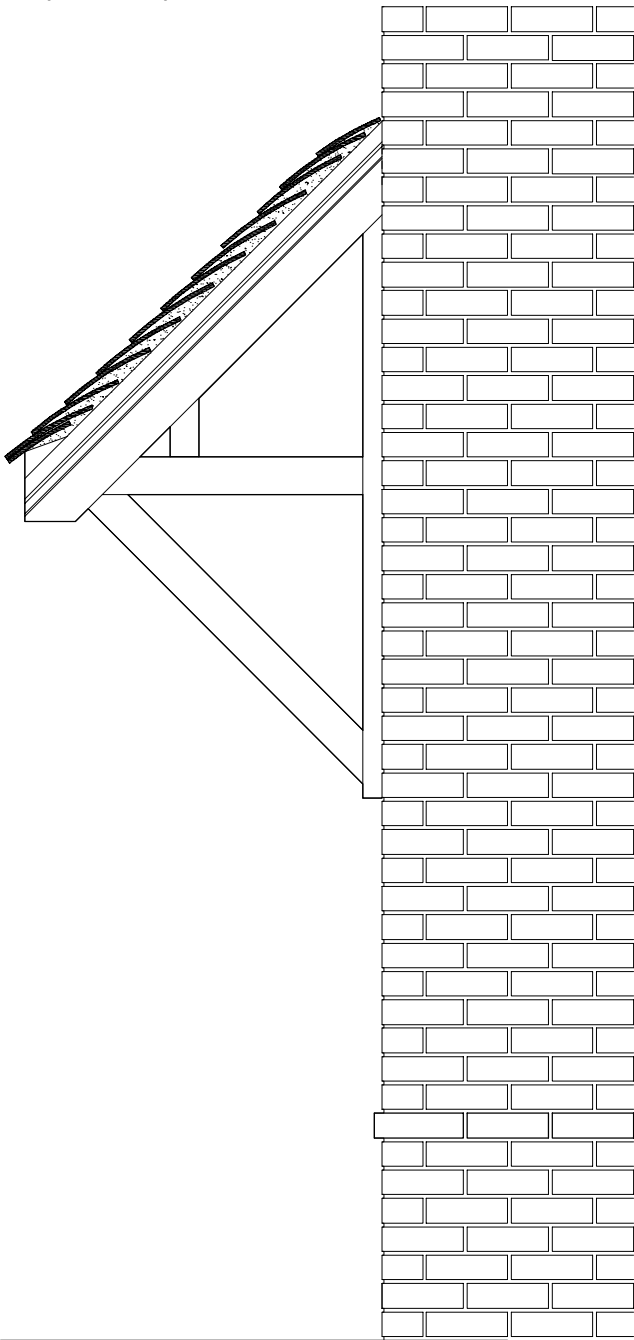
D2 - SECTION THROUGH PORCH POST ON BRICK PIER (scale 1:10)

Rev D (Oct 2018) - Brick plinth updated to engineering brick.

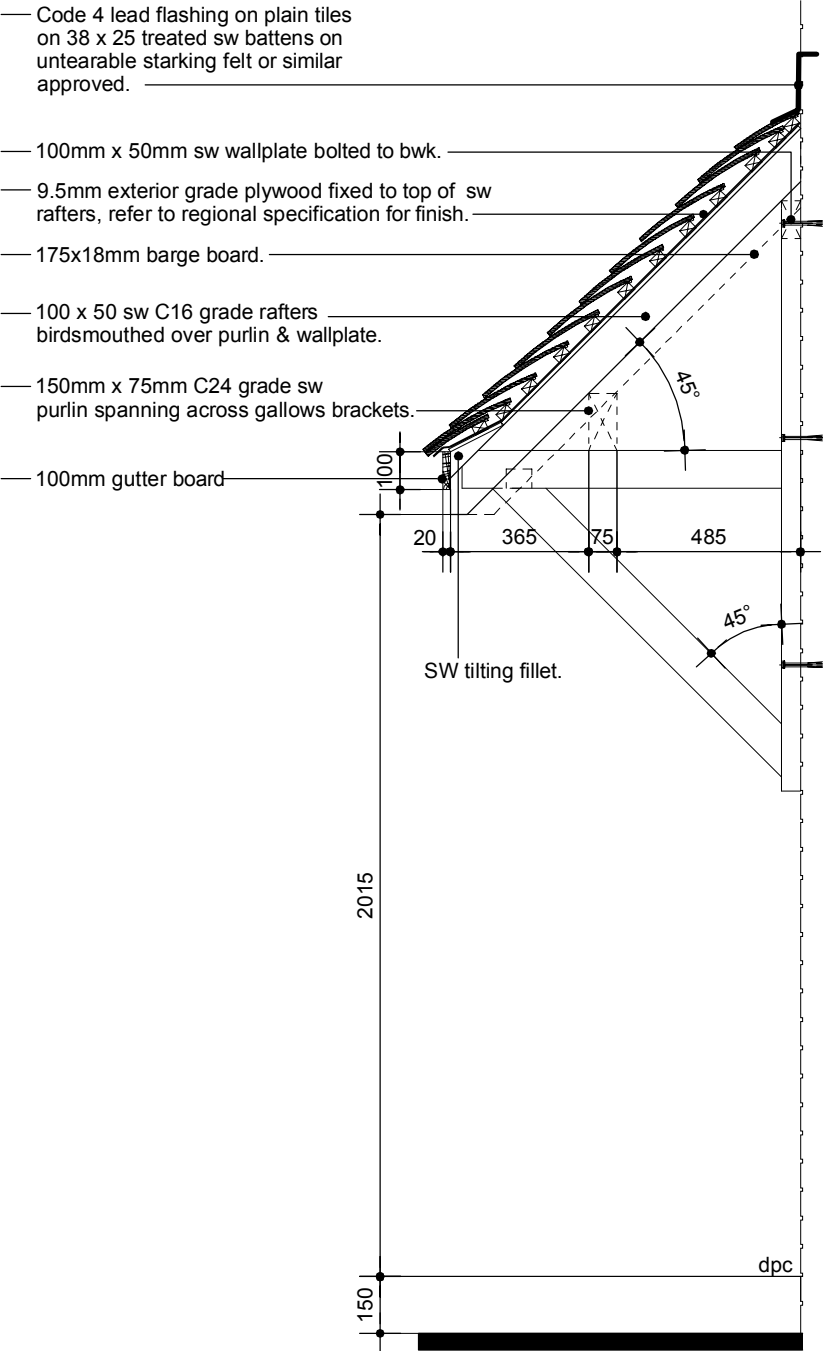
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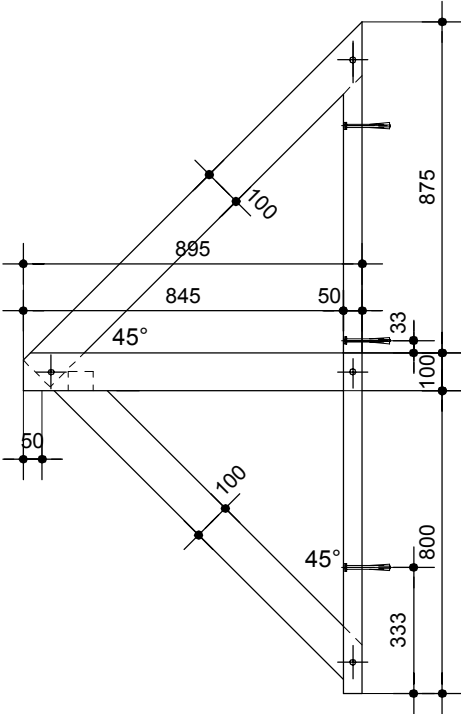
FRONT ELEVATION (1:20)



SIDE ELEVATION. (1:20)



SIDE ELEVATION. (1:20)

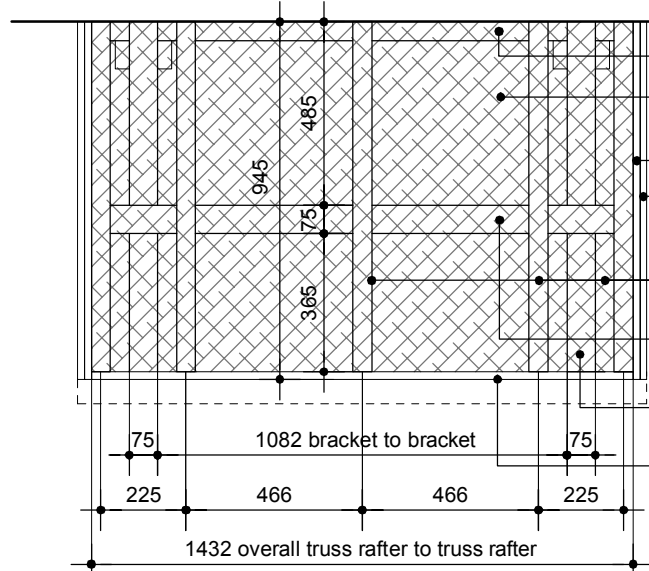


GALLOW BRACKET (1:20)

Gallows bracket constructed of 100 x 50mm sw p.a.r & vacuum / pressure treated to BS 5268 pt 5: 1977.

All cuts & joints to receive brush applied clear preservative treatment joints to be waterproof glued and dowelled.

Fixed to wall using Rawlok M8 bolts to brickwork & M10 bolts to blockwork (min. 7N/mm²) with oversized washers for timber.

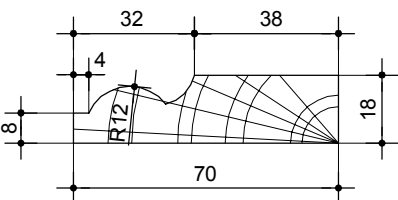


TYPICAL ROOF PLAN (SCALE 1:20)

- 100mm x 50mm sw wallplate bolted to bwk.
- 9.5mm exterior grade plywood, refer to regional specification for finish.
- 175x18mm barge board.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D1.
- 100 x 50 sw C16 grade rafters birdsmouthed over purlin & wallplate.
- 150mm x 75mm C24 grade sw purlin spanning across gallows brackets.
- Gallows bracket finished 2 coats preservative as finishing schedule.
- 100mm gutter board

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

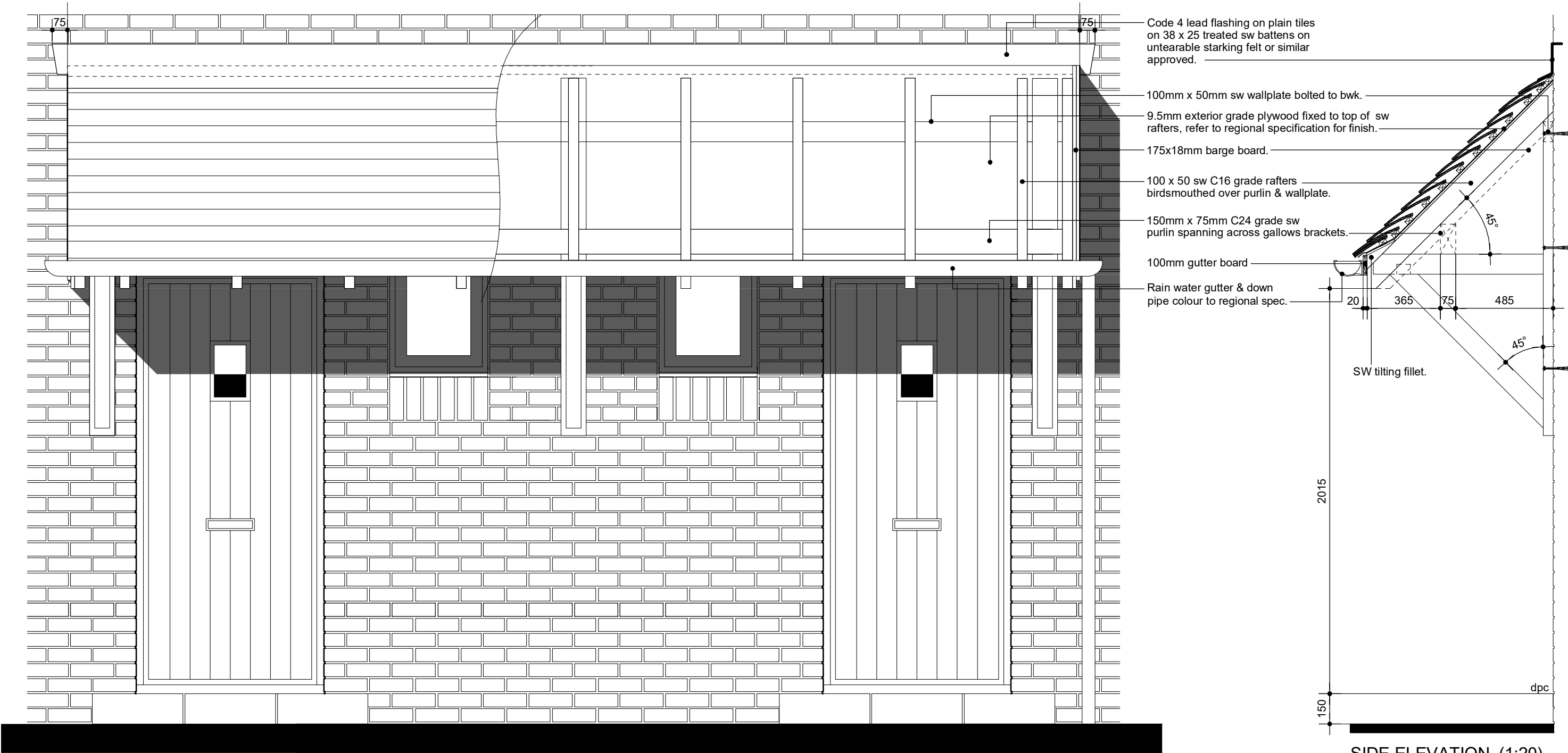
ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.



D1 - 'TORUS' MOLDING n.t.s.

Rev F (Oct 2016) - Porch raised 1 brick course.

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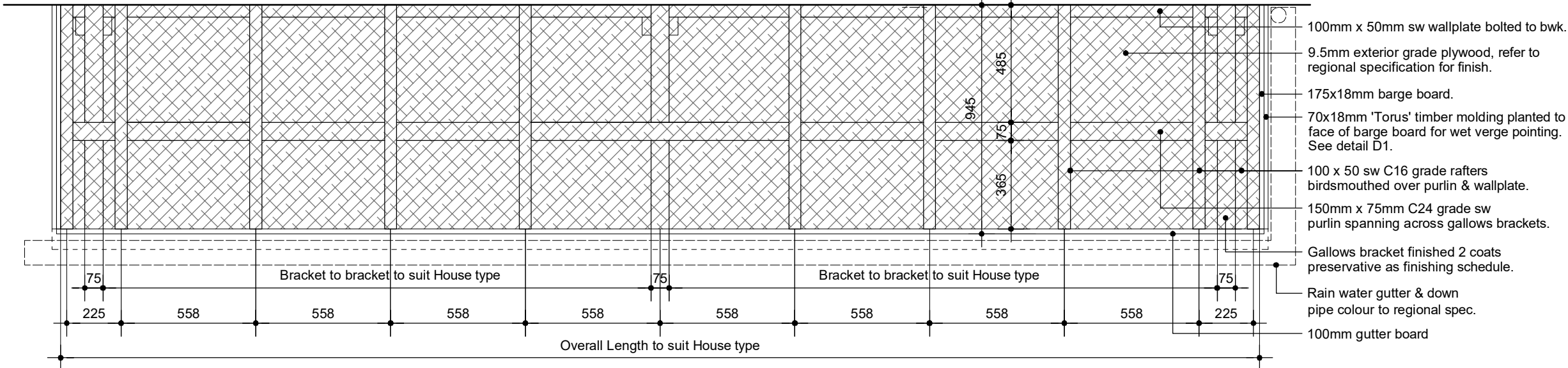


TYPICAL FRONT ELEVATION SECTION THRO. (1:20)

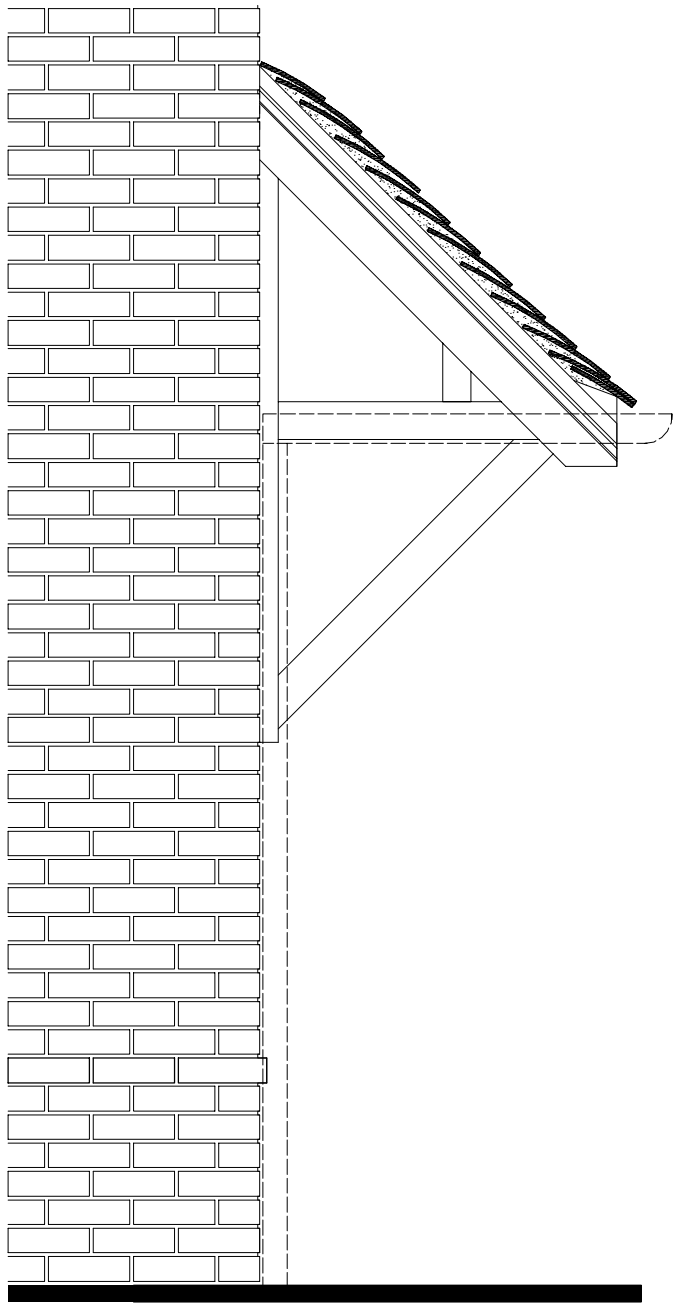
SIDE ELEVATION. (1:20)

Rev H (Nov 2018) - Cill updated to brick soldier course.
Rev G (Oct 2016) - Porch raised 1 brick course.

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TYPICAL ROOF PLAN (SCALE 1:20)

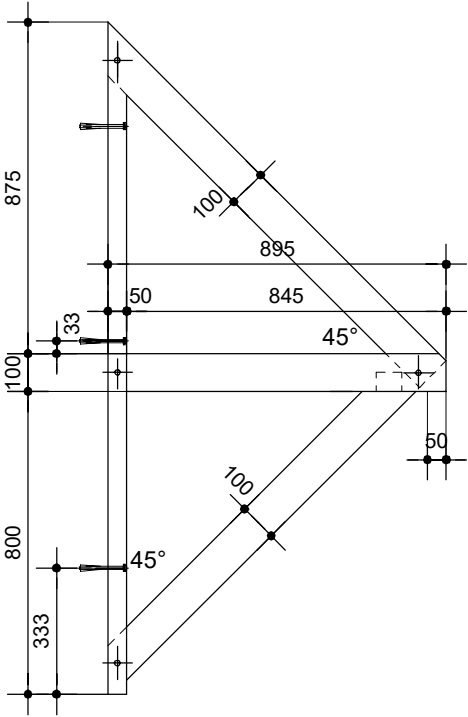


SIDE ELEVATION. (1:20)

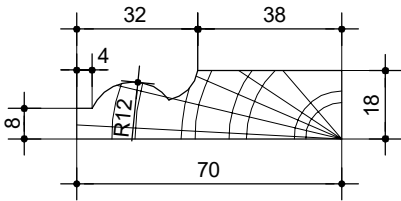
Gallows bracket constructed of 100 x 50mm sw p.a.r & vacuum / pressure treated to BS 5268 pt 5: 1977.

All cuts & joints to recieve brush applied clear preservative treatment joints to be waterproof glued and dowelled.

Fixed to wall using Rawlok M8 bolts to brickwork & M10 bolts to blockwork (min. 7N/mm²) with oversized washers for timber.



GALLOW BRACKET (1:20)



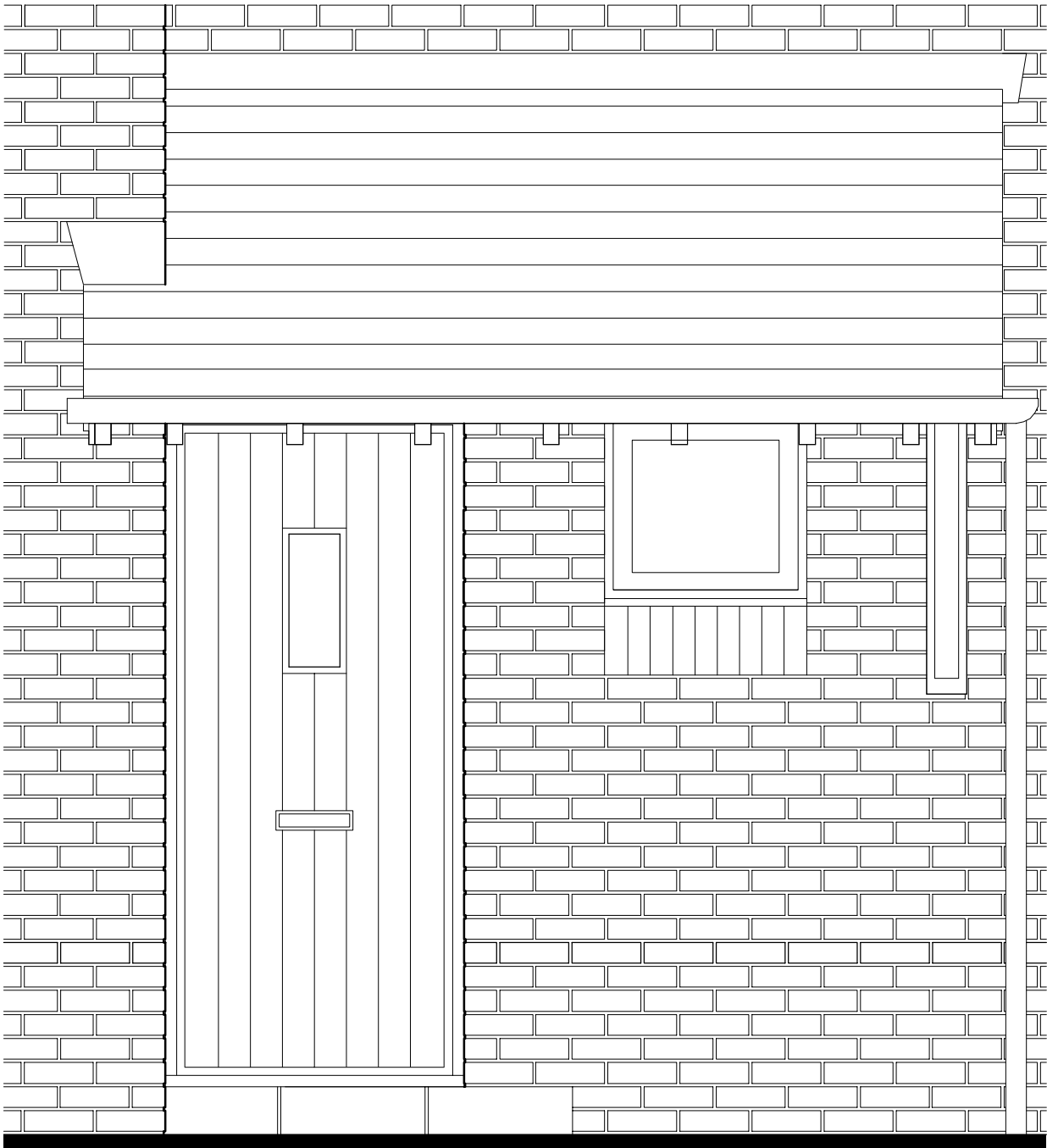
D1 - 'TORUS' MOLDING n.t.s.

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

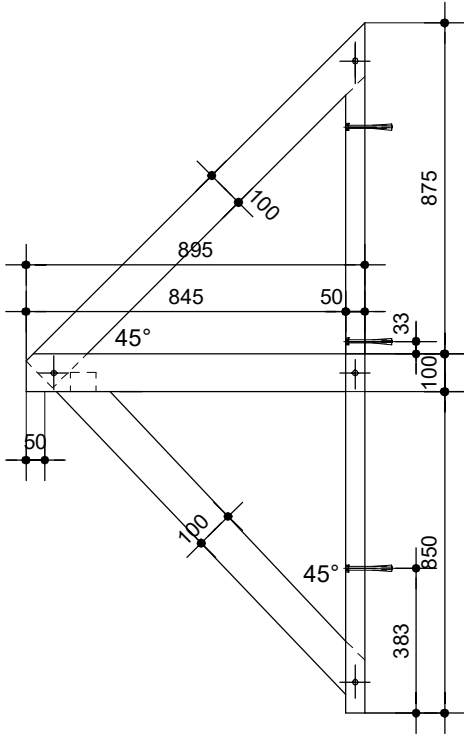
ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

Rev F (Oct 2016) - Porch raised 1 brick course.

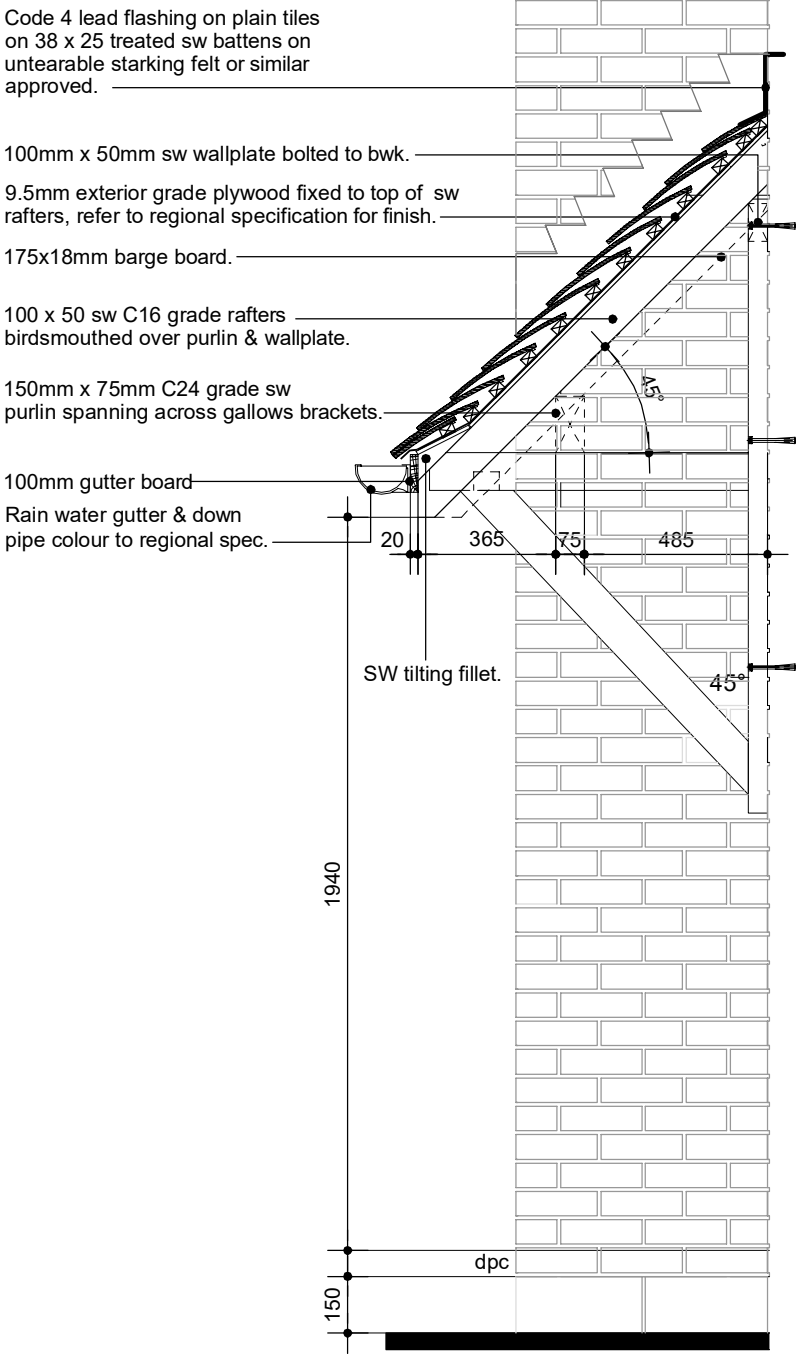
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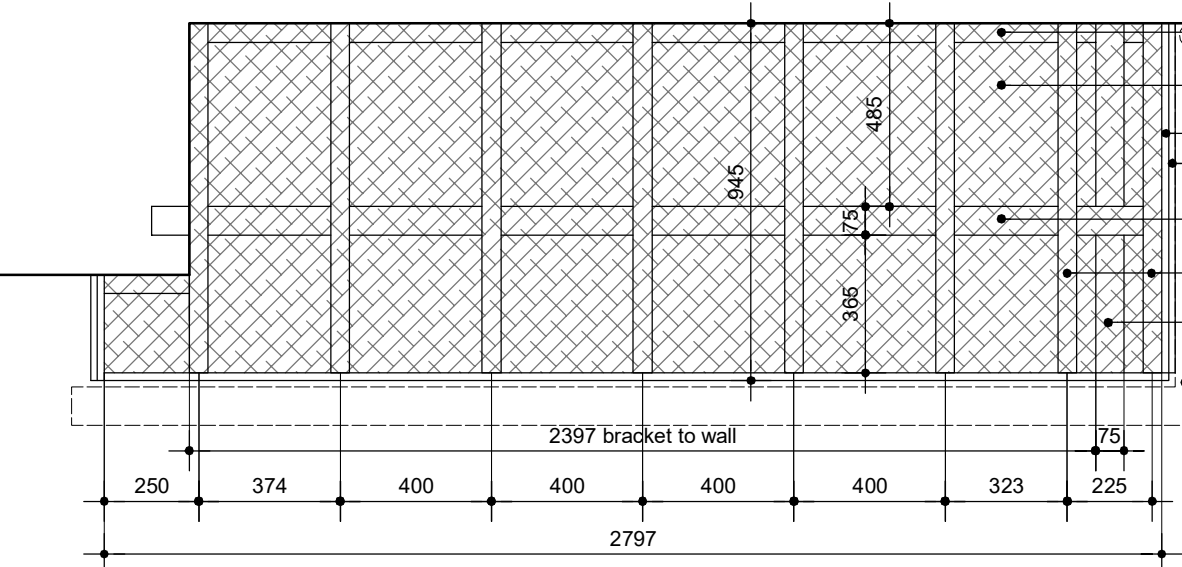
FRONT ELEVATION (1:20)



GALLOW BRACKET (1:20)



SIDE ELEVATION. (1:20)



TYPICAL ROOF PLAN (SCALE 1:20)

Rev A (Nov 2018) - Cill updated to brick soldier course.



Drawing Title:
Large Lean-To Timber Porch with
Gallows Brackets

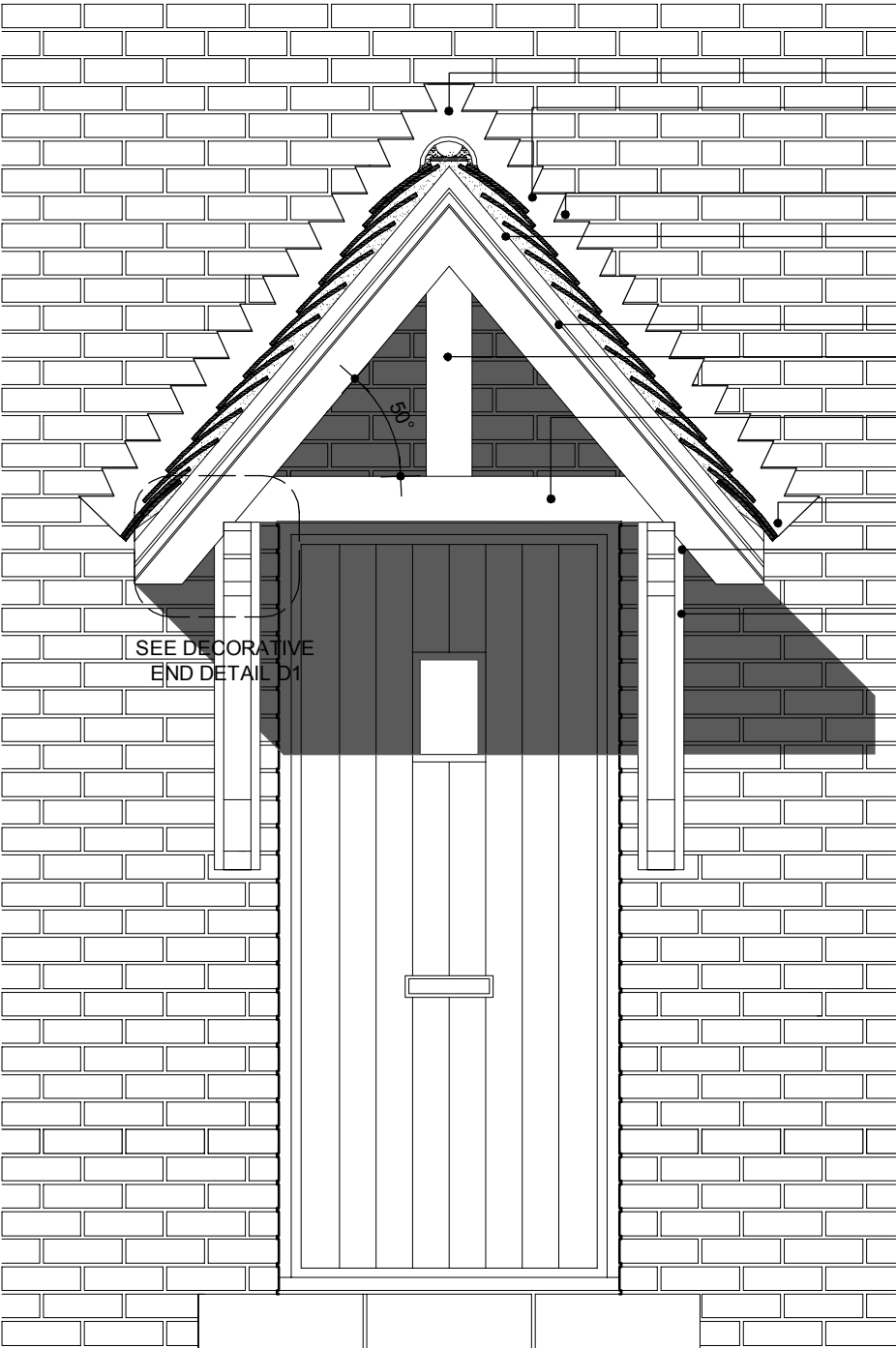
Date. Oct 2016

Scale. Various @ A3

Dwg No. **CE[13]24.4**

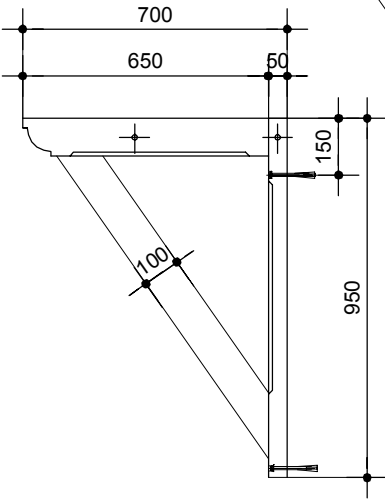
Rev. **A**

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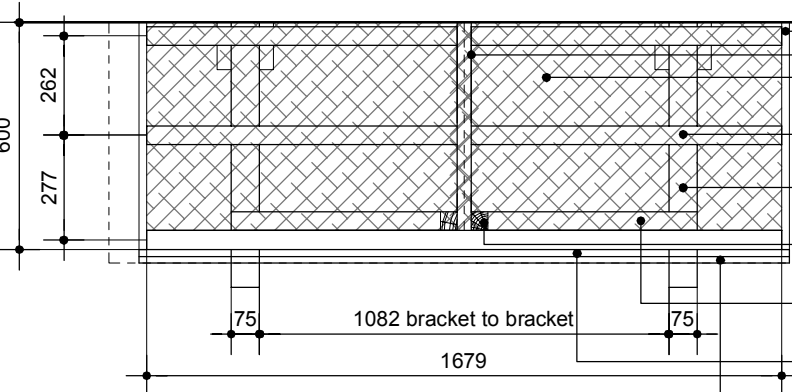
- Half round ridge tile.
- Plain tiles on 38mm x 25mm treated sw battens on untearable sarking felt or similar approved.
- Code 4 lead flashing.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D2.
- 175x18mm barge board.
- 125mm x 50mm vertical timber fixed in line with beam.
- 125mm x 50mm collar tie fixed to outer rafter. See elevations for type where applicable.
- SW tilting fillet.
- 75mm x 100mm C16 grade sw bearer with decorative end.
- Gallows bracket finished with 2 coats of preservative as finishing schedule. Fixed to wall using Rawlok M8 bolts to brickwork & M10 bolts to blockwork (min. 7N/mm²) with oversized washers for timber.

GALLOW BRACKET (1:20)



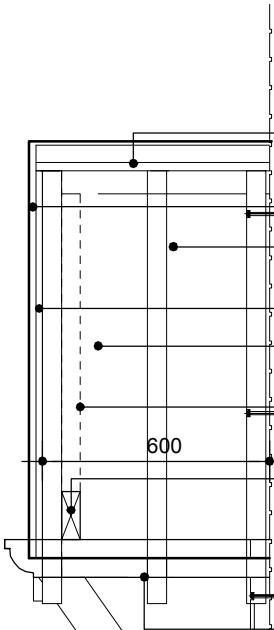
- Gallows bracket constructed of 100 x 50/75mm sw p.a.r & vacuum / pressure treated to BS 5268 pt 5: 1977.
- All cuts & joints to receive brush applied clear preservative treatment joints to be waterproof glued and dowelled.
- 10mm stop chamfers to members.
- Fixed to wall using Rawlok M8 bolts to brickwork & M10 bolts to blockwork (min. 7N/mm²) with oversized washers for timber.

STYLE 1 FRONT ELEVATION (1:20)



TYPICAL ROOF PLAN (SCALE 1:20)

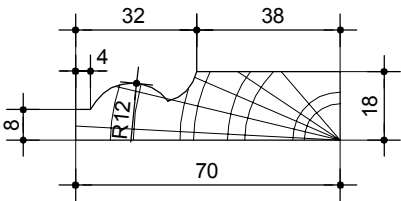
- 100mm treated sw fascia.
- 200 x 25mm treated sw ridge board.
- 9.5mm exterior grade ply fixed to top of sw rafters, refer to regional specification for finish.
- 100mm x 50mm sw rafters notched over and nailed on sw bearer.
- 75mm x 100mm C16 grade sw bearer with decorative end.
- 75mm x 100mm vertical timber fixed in line with beam.
- 125mm x 50mm timber beam fixed onto bearer. See elevations for type.
- 175x18mm barge board.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D2.



- 200 x 25mm treated sw ridge board.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D2.
- 9.5mm exterior grade plywood fixed to top of sw rafters, refer to regional specification for finish.
- 175x18mm barge board fixed to 150 x 50mm sw rafter.
- 100mm x 50mm sw rafters notched over and nailed on sw bearer.
- 75mm x 100mm vertical timbers fixed in line with beam.
- 125mm x 50mm timber beam fixed onto bearer. See elevations for type.
- 75mm x 100mm C16 grade sw bearer with decorative end.

SIDE ELEVATION (1:20)

SECTION THRU' (1:20)

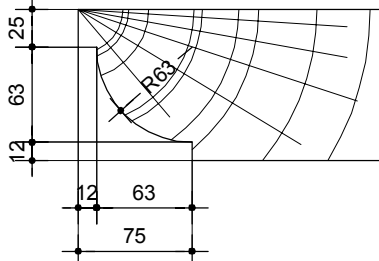


D2 - 'TORUS' MOLDING n.t.s.

ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

Rev B (Nov 2014) - Shaped Gallows Brackets replaced with a linear version, present styles 2 & 3 omitted & Gallows Bracket moved closer to reveal with Canopy updated accordingly



D1 - GALLOWS BRACKET DECORATIVE END DETAIL scale 1:5)

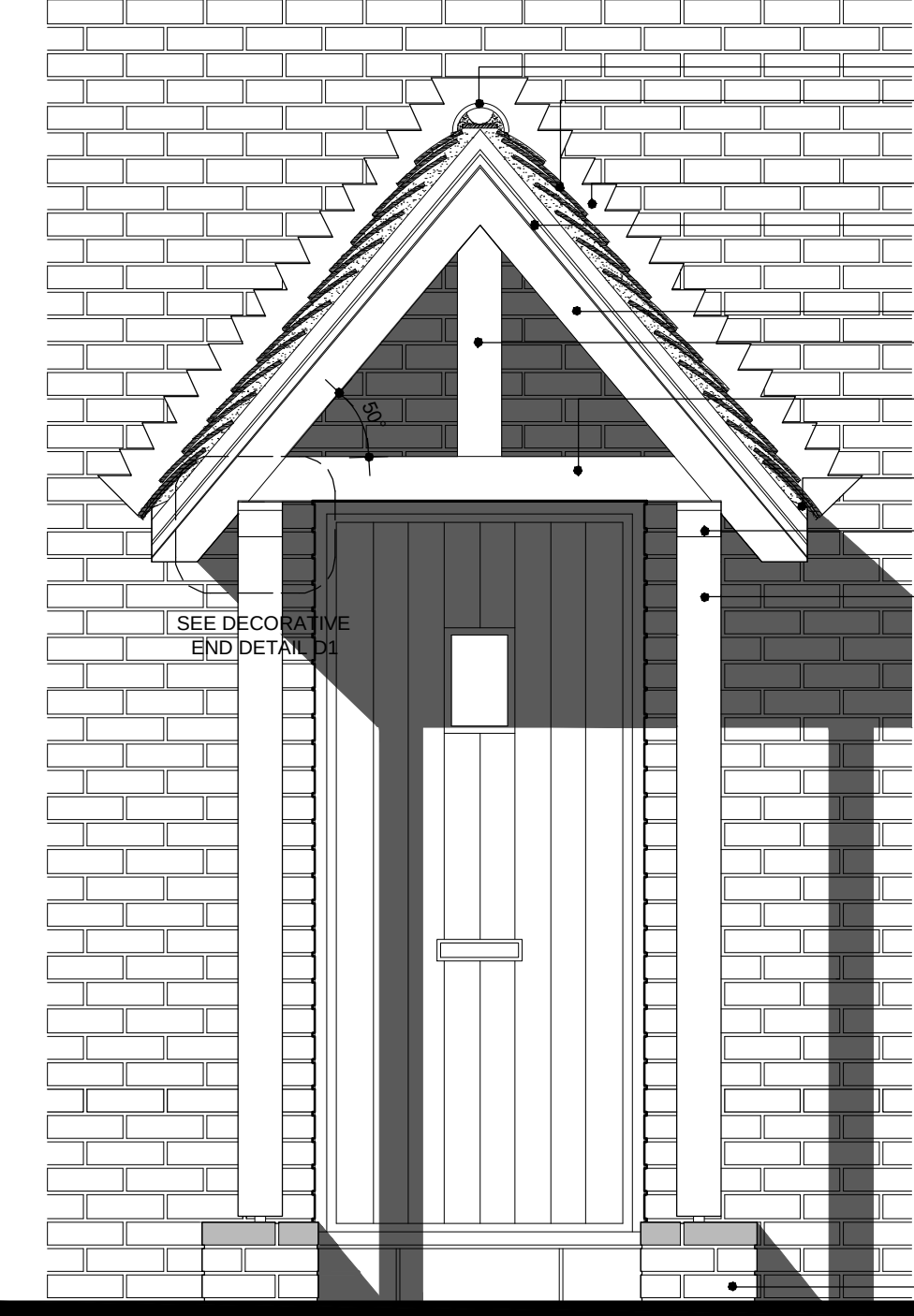


STYLE 2 FRONT ELEVATION (1:50)

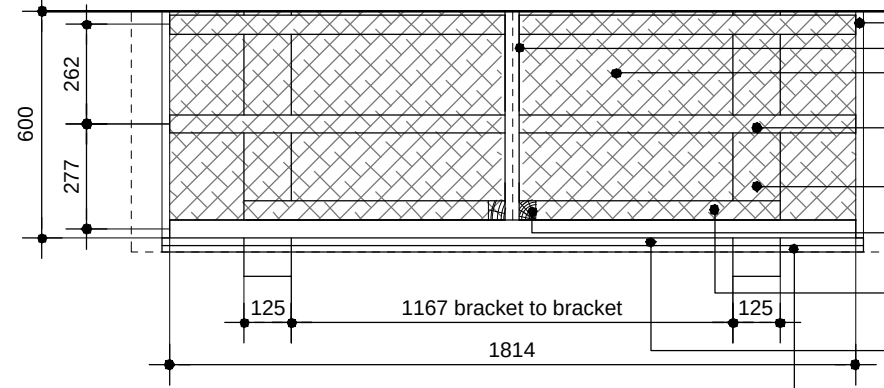


STYLE 3 FRONT ELEVATION (1:50)

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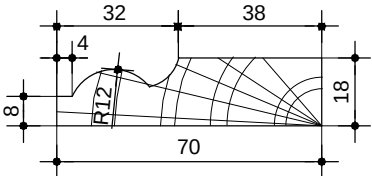
STYLE 1 FRONT ELEVATION (1:20)



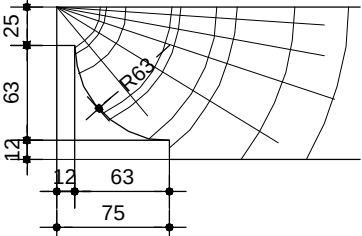
TYPICAL ROOF PLAN (SCALE 1:20)

- Half round ridge tile.
- Plain tiles on 38mm x 25mm treated sw battens on untearable sarking felt or similar approved.
- Code 4 lead flashing.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D2.
- 175x18mm barge board.
- 125mm x 50mm vertical timber fixed in line with beam.
- 125mm x 50mm collar tie fixed to outer rafter. See elevations for type where applicable.
- SW tilting fillet.

- 125mm x 100mm C16 grade sw bearer with decorative end.
- 125mm sq. timber post C16 grade.

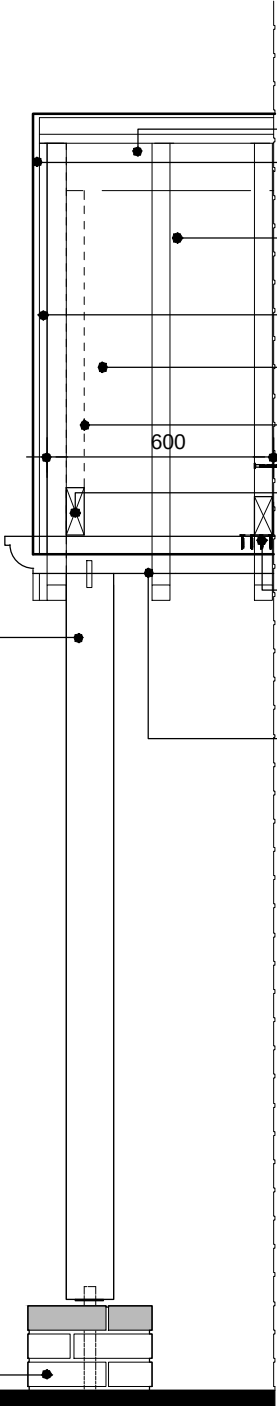


D2 - 'TORUS' MOLDING n.t.s.

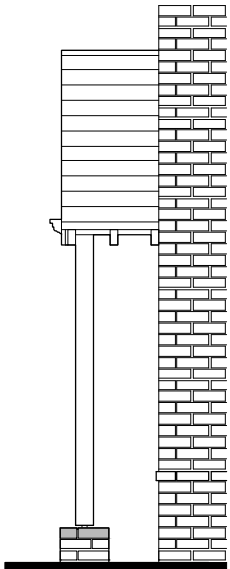


D1 - GALLOWS BRACKET DECORATIVE END DETAIL scale 1:5)

- Brick pier with engineering brick capping.



SECTION THRU' (1:20)



SIDE ELEVATION (1:20)

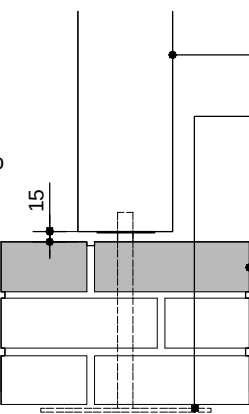


STYLE 2 FRONT ELEVATION (1:50)



STYLE 3 FRONT ELEVATION (1:50)

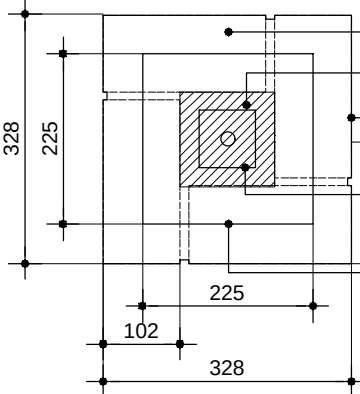
- 200 x 25mm treated sw ridge board.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D2.
- 9.5mm exterior grade plywood fixed to top of sw rafters, refer to regional specification for finish.
- 175x18mm barge board fixed to 150 x 50mm sw rafter.
- 100mm x 50mm sw rafters notched over and nailed on sw bearer.
- 75mm x 100mm vertical timbers fixed in line with beam.
- 125mm x 50mm timber beam fixed onto bearer. See elevations for type.
- Expamet HD9090 angle bracket fixed to wall with 4No. 3.5mm Ø wood screws.
- 125mm x 100mm C16 grade sw bearer with decorative end.



D1 - PORCH POST DETAIL (scale 1:10)

- 125mm² Timber post C16 grade.
- 225mm² Galvanized base plate fixed sat on brick work 3 courses below post. 75mm x 75mm square washer to be welded to rod 242mm from base plate. 15mm gap from underside of timber post to top of dwarf wall.
- Engineering brick.

328 x 328mm SQUARE BRICK PIER



D2 - SECTION THROUGH PORCH POST ON BRICK PIER (scale 1:10)

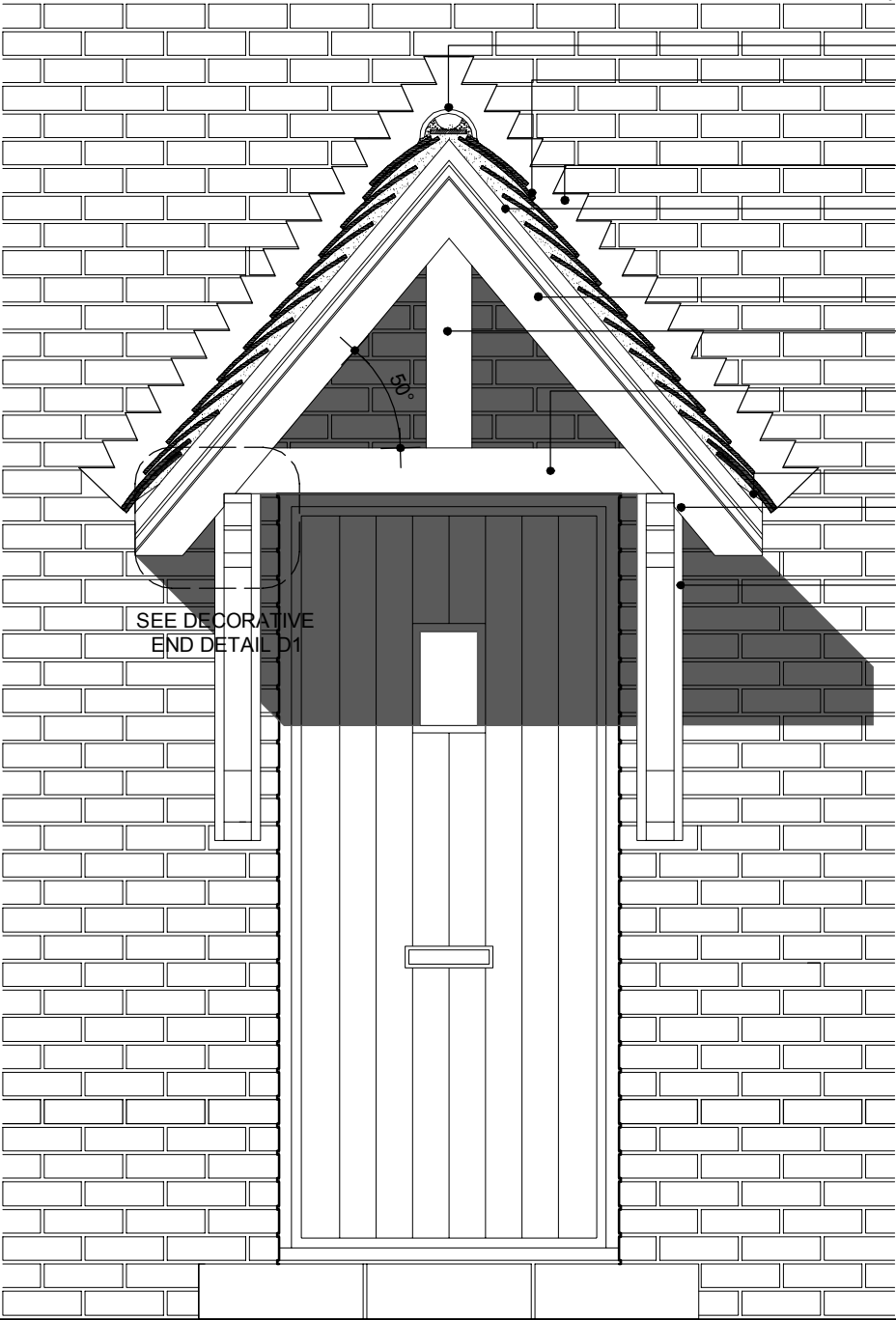
- Engineering brick.
- 125mm² Timber post C16 grade.
- Engineering brick
- M20 x 75mm x 75mm x 3mm thick steel square washer welded to 20mmØ steel rod. Galvanised.
- 225mm² Galvanized base plate fixed sat on brick work 3 courses below post. 75mm x 75mm square washer to be welded to rod 242mm from base plate. 15mm gap from underside of timber post to top of dwarf wall.

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

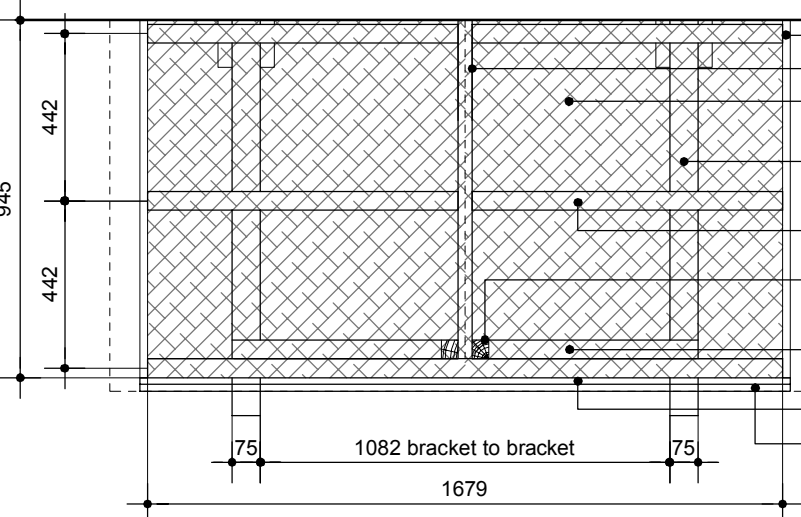
ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

Rev D (Oct 2018) - Brick plinth updated to engineering brick.

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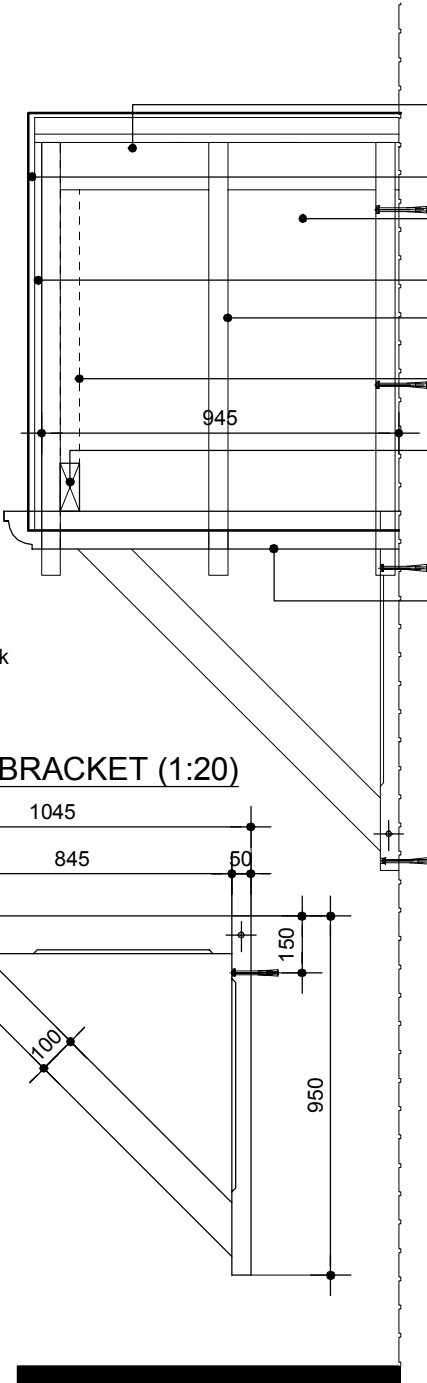


STYLE 1 FRONT ELEVATION (1:20)



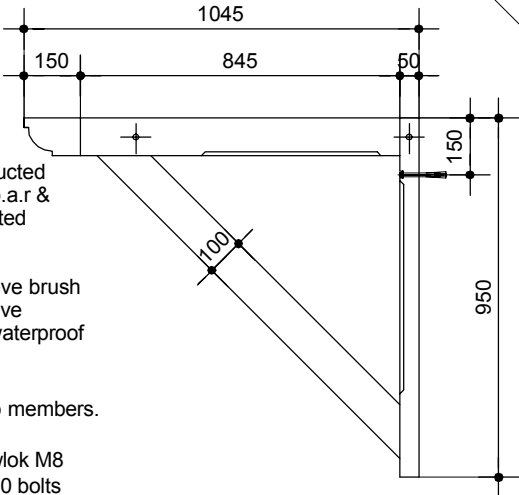
TYPICAL ROOF PLAN (SCALE 1:20)

- 100mm treated sw fascia.
- 200 x 25mm treated sw ridge board.
- 9.5mm exterior grade ply fixed to top of sw rafters, refer to regional specification for finish.
- 75mm x 100mm C16 grade sw bearer with decorative end.
- 100mm x 50mm sw rafters notched over and nailed on sw bearer.
- 75mm x 100mm vertical timber fixed in line with beam.
- 125mm x 50mm timber beam fixed onto bearer. See elevations for type.
- 175x18mm barge board.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D2.

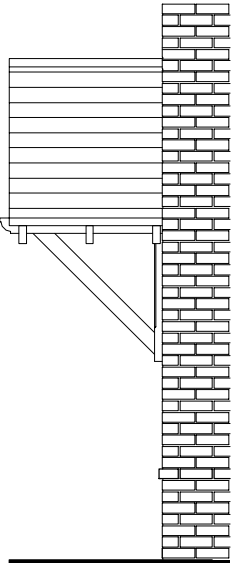


SECTION THRU' (1:20)

GALLOW BRACKET (1:20)



- Gallows bracket constructed of 100 x 50/75mm sw p.a.r & vacuum / pressure treated to BS 5268 pt 5: 1977.
- All cuts & joints to receive brush applied clear preservative treatment joints to be waterproof glued and dowelled.
- 10mm stop chamfers to members.
- Fixed to wall using Rawlok M8 bolts to brickwork & M10 bolts to blockwork (min. 7N/mm²) with oversized washers for timber.



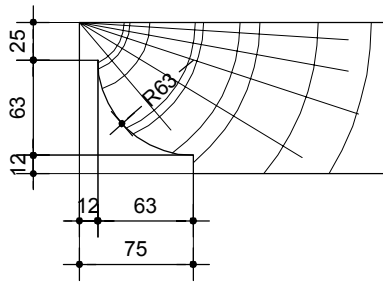
SIDE ELEVATION (1:50)



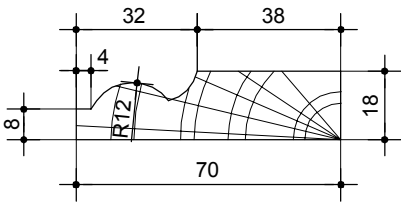
STYLE 2 FRONT ELEVATION (1:50)



STYLE 3 FRONT ELEVATION (1:50)



D1 - GALLOWS BRACKET DECORATIVE END DETAIL scale 1:5)



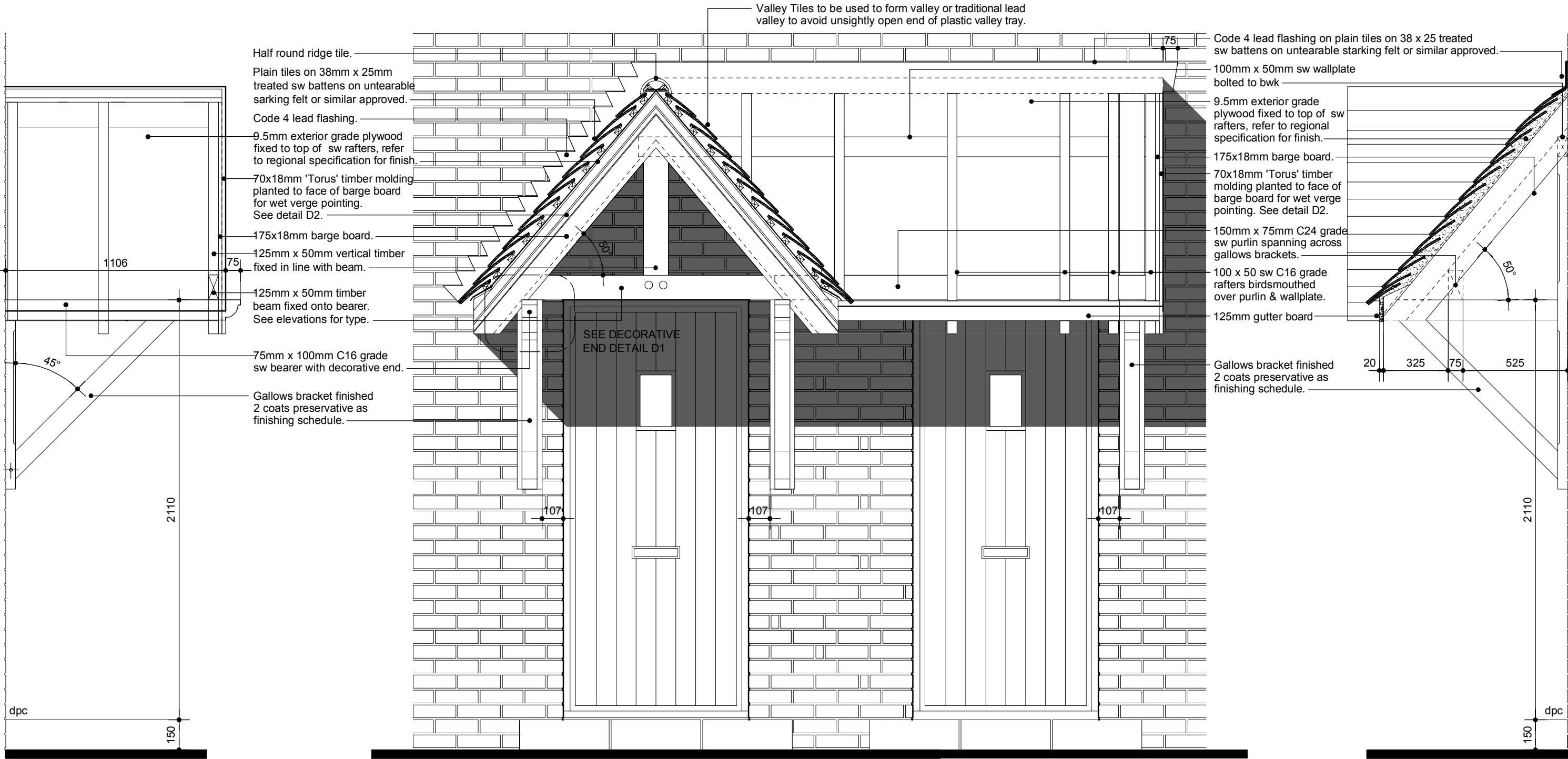
D2 - 'TORUS' MOLDING n.t.s.

ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

Rev C (Nov 2014) - Shaped Gallows Brackets replaced with a linear version, present styles 2 & 3 omitted & Gallows Bracket moved closer to reveal with Canopy updated accordingly.

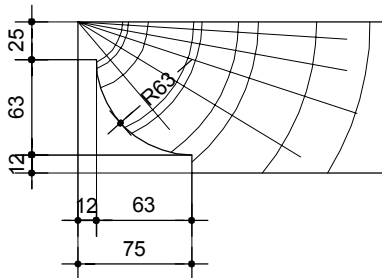
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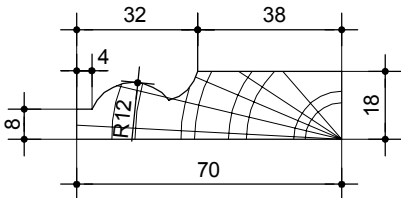
SECTION THRU' (1:20)

STYLE 1 FRONT ELEVATION SECTION THRU' (1:20)

SIDE ELEVATION (1:20)



D1 - BEARER DECORATIVE
END DETAIL (scale 1:5)



D2 - 'TORUS'
MOULDING n.t.s.

REFER TO STRUCTURAL ENGINEERS
(ABACUS) CALCULATIONS, REFERENCE
No. 32796-01-C62

ALL TIMBER TO BE PRESERVATIVE
TREATED TO BS 5268 P.T 5 1977. WITH
CUTS & JOINTS TREATED ON SITE.

Rev G (June 2016) - Gutter board to lean-to porch increased to 125mm



Drawing Title:
'A' Frame/Lean-To Porch with
Gallows Brackets Details (Sheet 1)

Date. March 2013	Scale. Various @ A3
Dwg No. CE[13]26_01	Rev. G

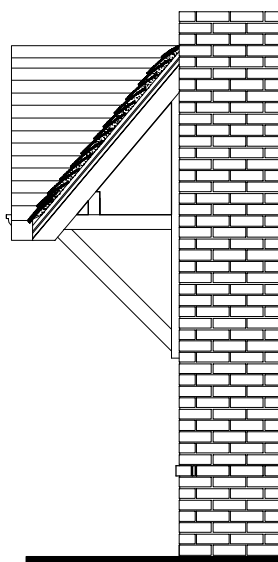
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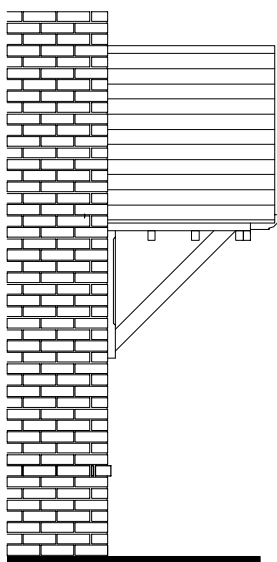
STYLE 1 FRONT ELEVATION (1:50)



STYLE 2 FRONT ELEVATION (1:50)



SIDE ELEVATION (1:50)



SIDE ELEVATION (1:50)

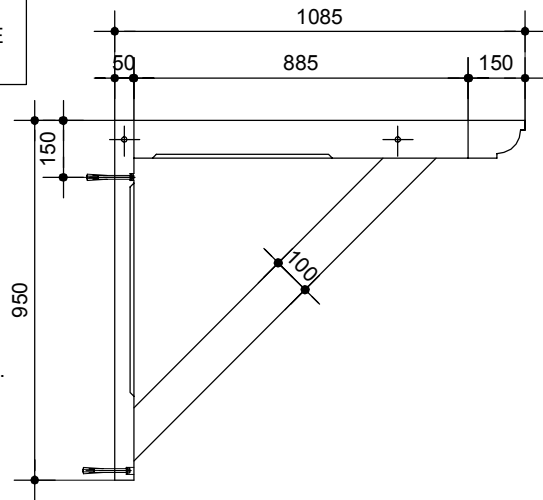
REFER TO STRUCTURAL
ENGINEERS (ABACUS)
CALCULATIONS, REFERENCE
No. 32796-01-C62

Gallows bracket constructed
of 100 x 50mm sw p.a.r &
vacuum / pressure treated
to BS 5268 pt 5: 1977.

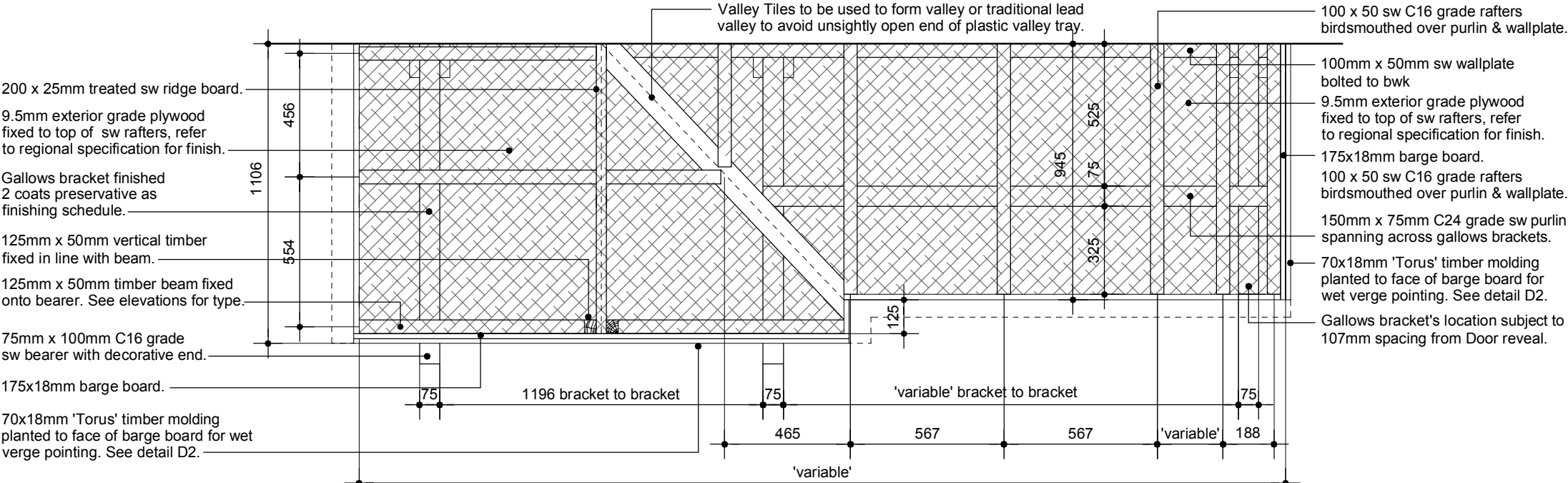
All cuts & joints to receive brush
applied clear preservative
treatment joints to be waterproof
glued and dowelled.

10mm stop chamfers to members.

Fixed to wall using Rawlok M8
bolts to brickwork & M10 bolts
to blockwork (min. 7N/mm²) with
oversized washers for timber.



GALLOW BRACKET (1:20)



TYPICAL ROOF PLAN (SCALE 1:20)

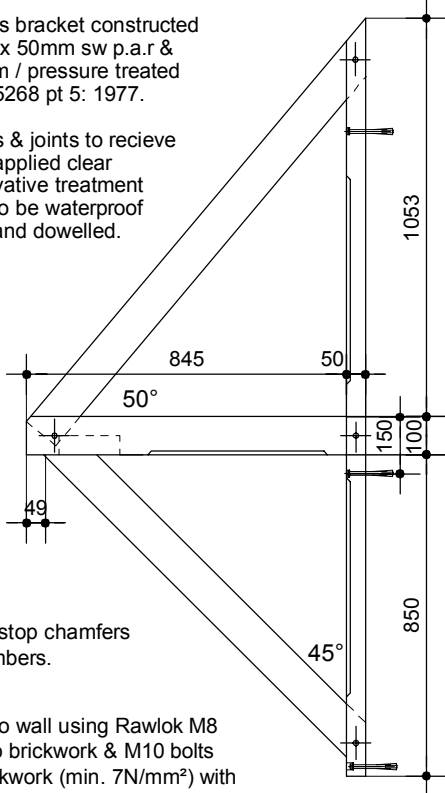
ALL TIMBER TO BE PRESERVATIVE
TREATED TO BS 5268 P.T 5 1977. WITH
CUTS & JOINTS TREATED ON SITE.

Gallows bracket constructed
of 100 x 50mm sw p.a.r &
vacuum / pressure treated
to BS 5268 pt 5: 1977.

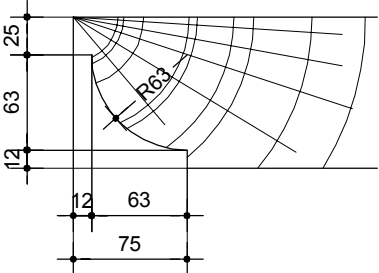
All cuts & joints to receive brush
applied clear
preservative treatment
joints to be waterproof
glued and dowelled.

10mm stop chamfers
to members.

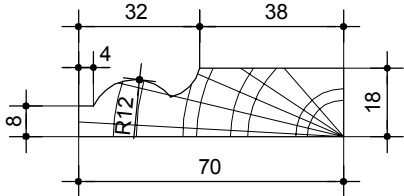
Fixed to wall using Rawlok M8
bolts to brickwork & M10 bolts
to blockwork (min. 7N/mm²) with
oversized washers for timber.



GALLOW BRACKET (1:20)



D1 - BEARER DECORATIVE
END DETAIL (scale 1:5)



D2 - 'TORUS'
MOULDING n.t.s.

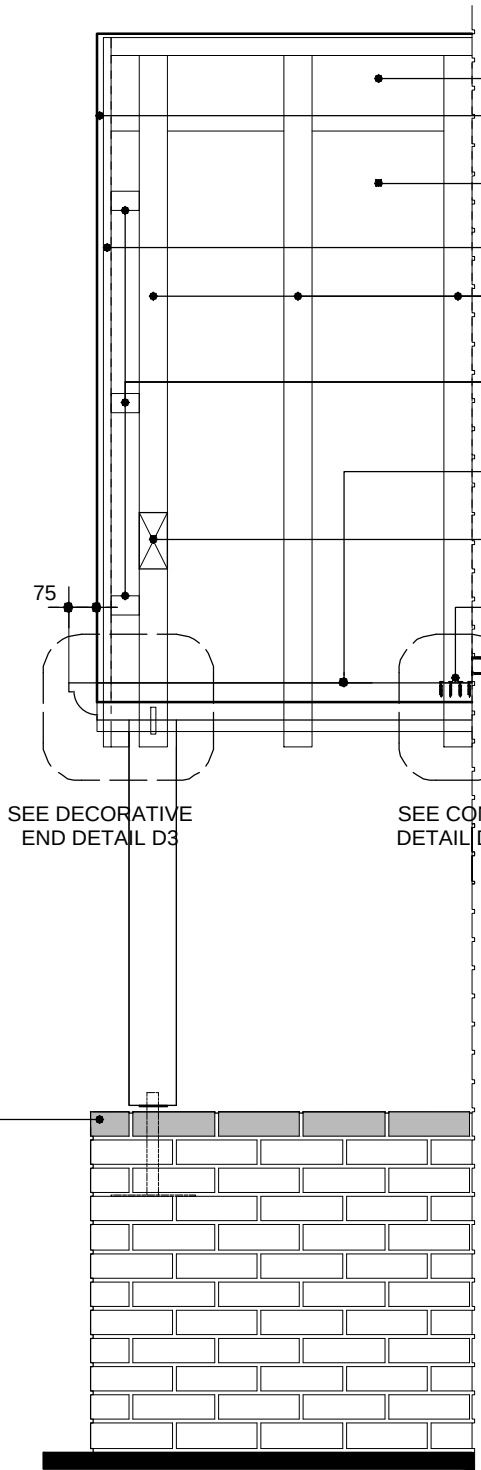
Rev F (Jan 2015) - Rafter spacings amended.

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STYLE 1 FRONT ELEVATION (1:20)

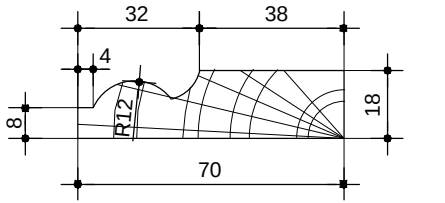
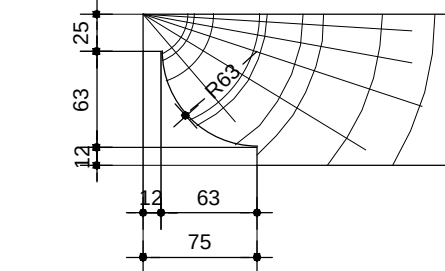
- Half round ridge tile.
- Plain tiles on 38mm x 25mm treated sw battens on untearable sarking felt or similar approved.
- Code 4 lead flashing.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.
- 175x18mm barge board.
- 150mm x 75mm rafters notched over and fixed onto bearer via. truss clips with 4 No. 3.4mm nails with min. 30mm embedment into bearer.
- 75mm x 75mm vertical beams morticed into beam & rafters.
- 150mm x 75mm collar tie fixed to outer rafter
- 125mm x 100mm C16 grade sw bearer with decorative end.
- SW tilting fillet.
- Rain water down pipe colour to regional spec.
- 125mm sq. timber post C16 grade.
- Engineering brick.
- Dwarf wall with engineering brick capping.



SECTION THRU' (1:20)

- 200 x 25mm treated sw ridge board.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.
- 9.5mm exterior grade plywood diaphragm fixed to top of trusses, refer to regional specification for finish.
- 175x18mm barge board fixed to 150 x 50mm sw rafter.
- 150mm x 75mm rafters (see elevation for style) notched over and fixed onto bearer via. truss clips with 4 No. 3.4mm nails with min. 30mm embedment into bearer.
- 125 x 50 intermediate timbers fixed to rafter, to provide support for barge board. Overhang to be cloaked with soffit board.
- 125mm x 100mm C16 grade sw bearer with decorative end.
- 150mm x 75mm beam morticed into rafter
- Expamet HD9090 angle bracket fixed to wall with 4No. 3.5mm Ø wood screws (Rawplug Uno plugs or similar to be used). Bracket fixed to timber bearer with 8No. 3.5mm dia. wood screws (min. 30mm embedment into timber).

D3 - BEARER DECORATIVE END DETAIL (scale 1:5)



D4 - 'TORUS' MOLDING n.t.s.

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

Rev B (Oct 2018) - Brick plinth updated to engineering brick.



Drawing Title:
Large 'Dropped Eaves' Timber
Porch Details (Sheet 1)

Date. March 2013 Scale. Various @ A3

Dwg No. **CE[13]29_01** Rev. **B**

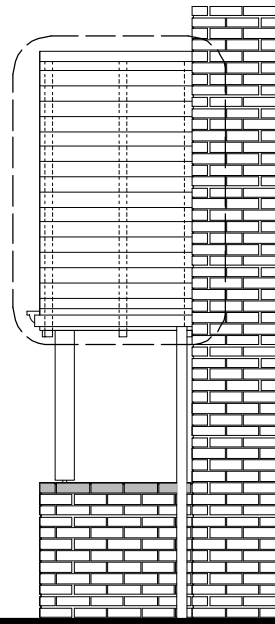
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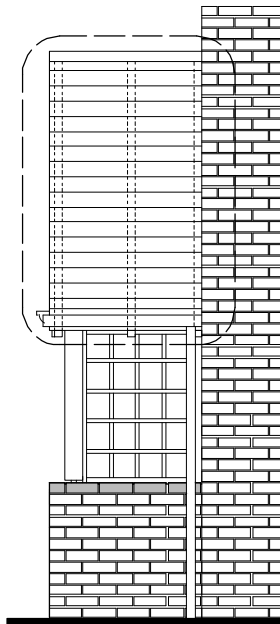
STYLE 1 FRONT ELEVATION (1:50)



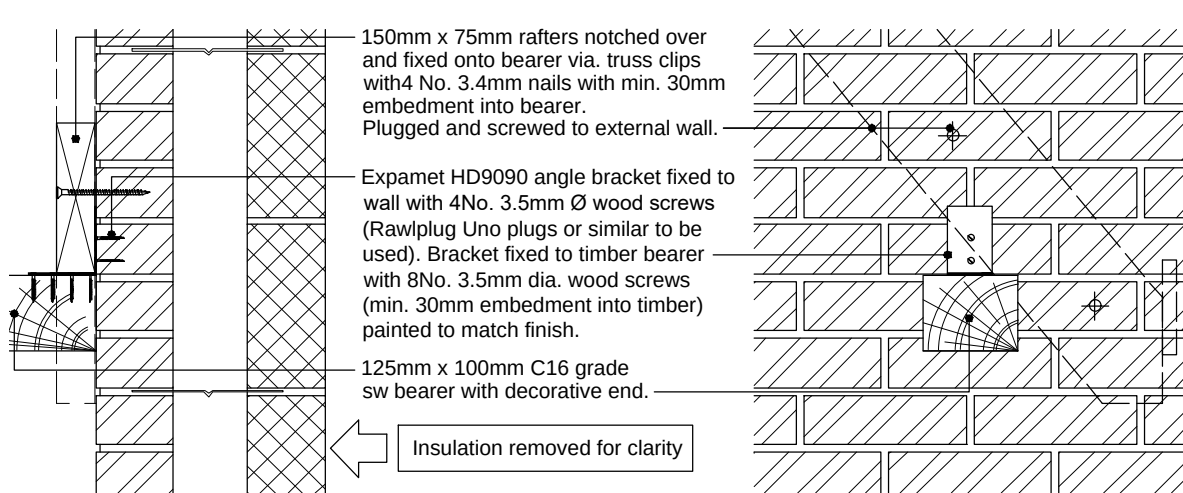
STYLE 3 FRONT ELEVATION (1:50)



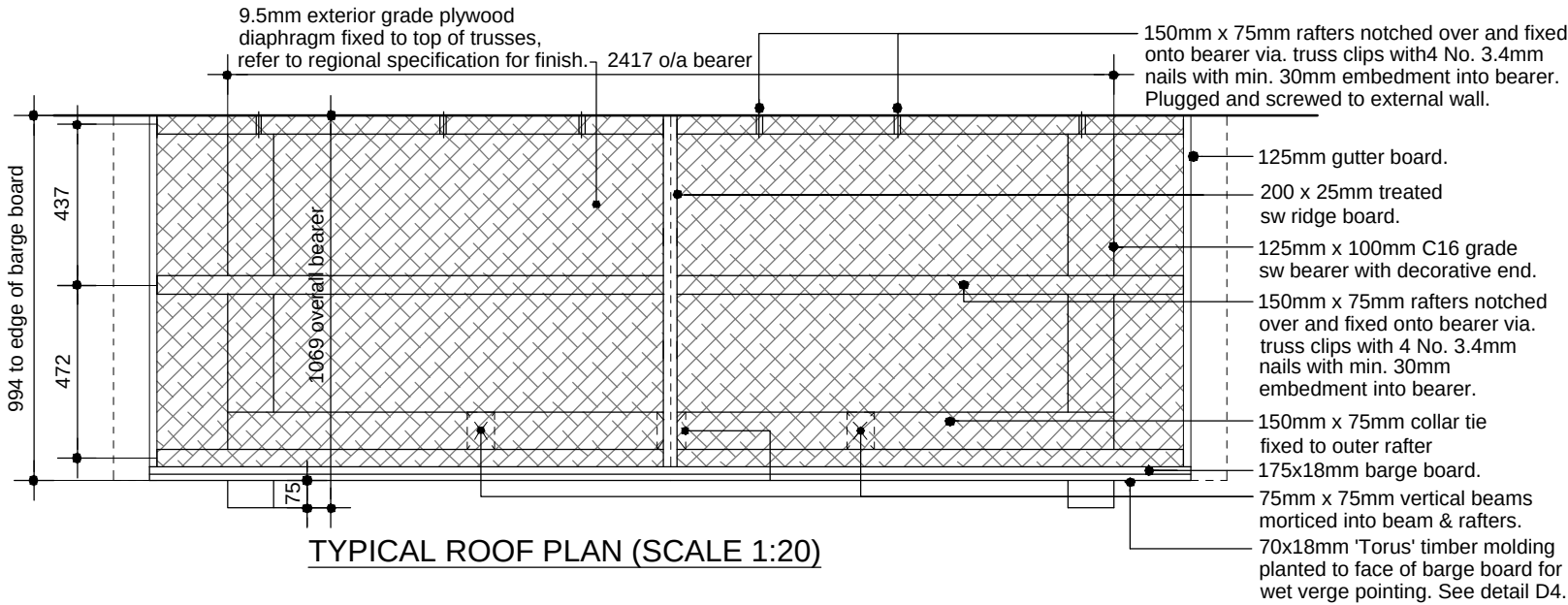
SIDE ELEVATION



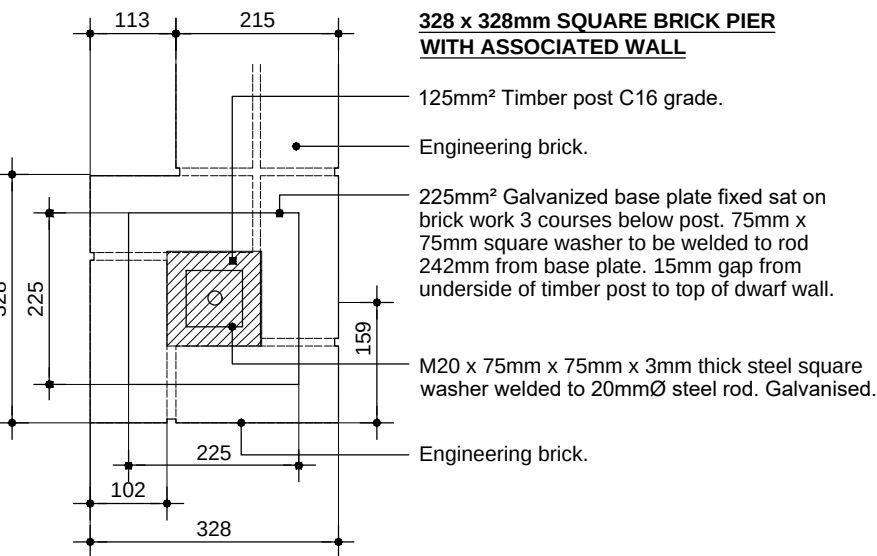
ALTERNATIVE TRELLIS
SIDE ELEVATION
(scale 1:50)



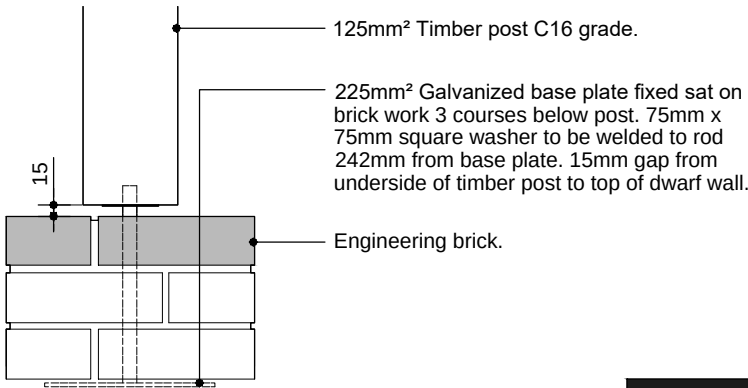
D5 - SECTION DETAIL OF BRACKET / BEARER / RAFTER / TRUSS CLIP
CONNECTION TO EXTERNAL WALL (scale 1:10)



TYPICAL ROOF PLAN (SCALE 1:20)



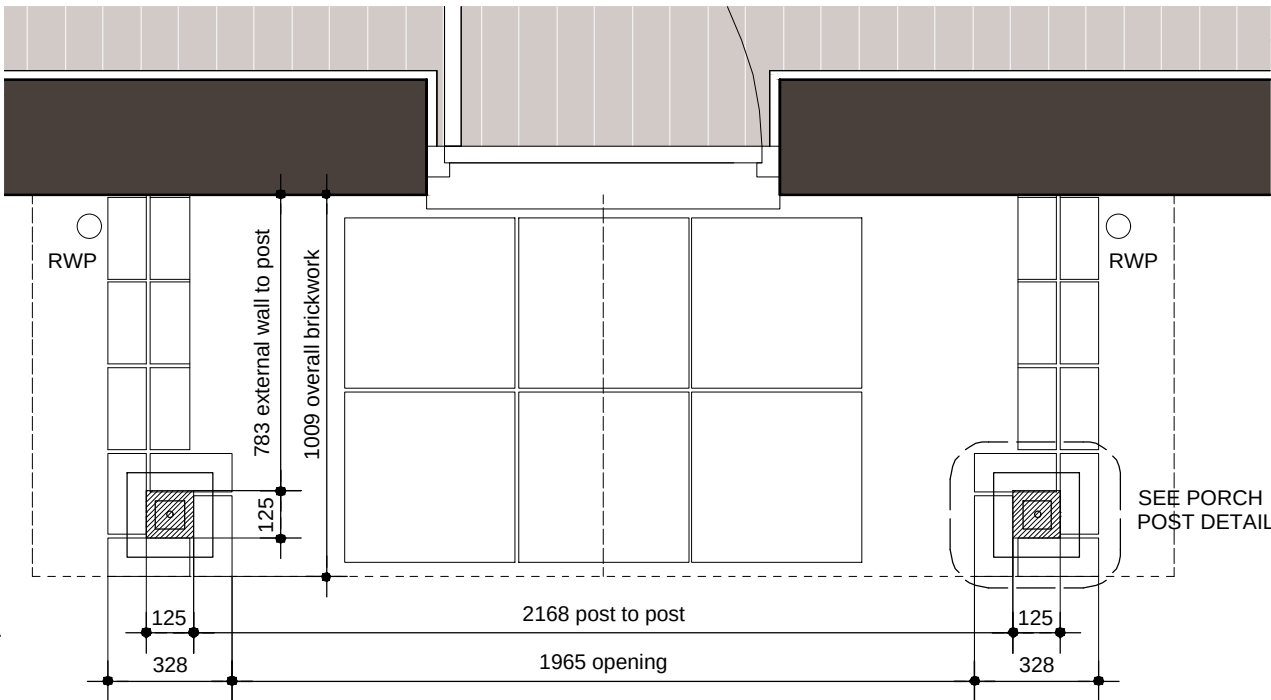
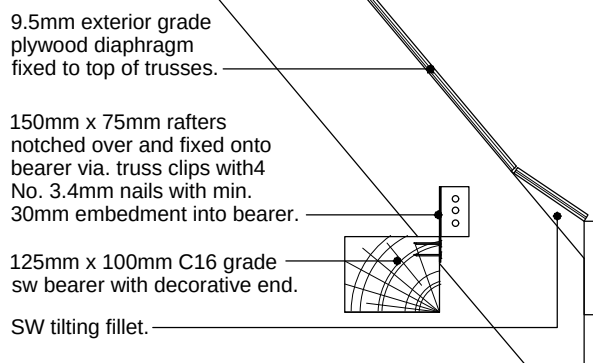
D2 - SECTION THROUGH PORCH POST
ON BRICK PIER (scale 1:10)



D1 - PORCH POST DETAIL (scale 1:10)

REFER TO STRUCTURAL ENGINEERS
(ABACUS) CALCULATIONS, REFERENCE
No. 32796-01-C62

ALL TIMBER TO BE PRESERVATIVE
TREATED TO BS 5268 P.T 5 1977. WITH
CUTS & JOINTS TREATED ON SITE.



TYPICAL PLAN PROFILE (SCALE 1:20)

Rev C (Oct 2018) - Brick plinth updated to engineering brick.

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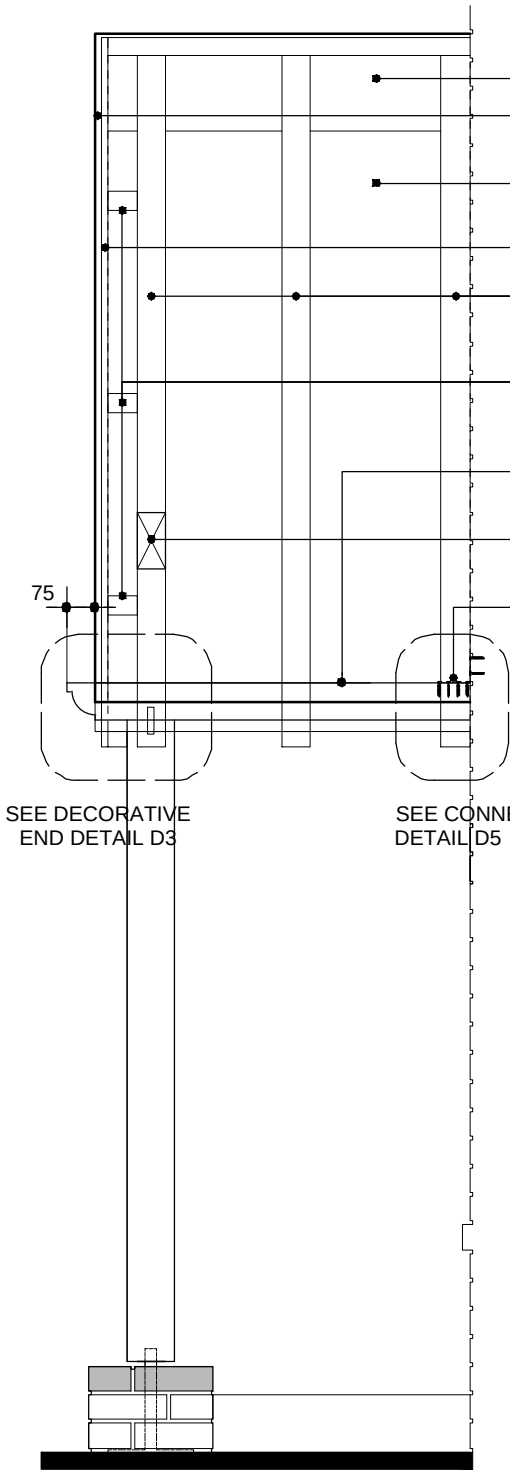


STYLE 1 FRONT ELEVATION (1:20)

- Half round ridge tile.
- Plain tiles on 38mm x 25mm treated sw battens on untearable sarking felt or similar approved.
- Code 4 lead flashing.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.
- 175x18mm barge board.
- 150mm x 75mm rafters notched over and fixed onto bearer via. truss clips with 4 No. 3.4mm nails with min. 30mm embedment into bearer.
- 75mm x 75mm vertical beams morticed into beam & rafters.
- 150mm x 75mm collar tie fixed to outer rafter
- 125mm x 100mm C16 grade sw bearer with decorative end.
- SW tilting fillet.

- Rain water down pipe colour to regional spec.
- 125mm sq. timber post C16 grade.

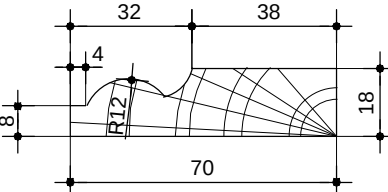
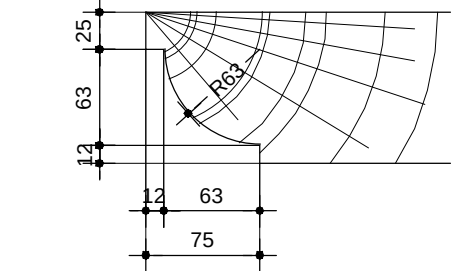
- Stub Brick pier topped with engineering bricks.



SECTION THRU' (1:20)

- 200 x 25mm treated sw ridge board.
- 70x18mm 'Torus' timber molding planted to face of barge board for wet verge pointing. See detail D4.
- 9.5mm exterior grade plywood diaphragm fixed to top of trusses, refer to regional specification for finish.
- 175x18mm barge board fixed to 150 x 50mm sw rafter.
- 150mm x 75mm rafters (see elevation for style) notched over and fixed onto bearer via. truss clips with 4 No. 3.4mm nails with min. 30mm embedment into bearer.
- 125 x 50 intermediate timbers fixed to rafter, to provide support for barge board. Overhang to be cloaked with soffit board.
- 125mm x 100mm C16 grade sw bearer with decorative end.
- 150mm x 75mm beam morticed into rafter
- Expamet HD9090 angle bracket fixed to wall with 4No. 3.5mm Ø wood screws (Rawlplug Uno plugs or similar to be used). Bracket fixed to timber bearer with 8No. 3.5mm dia. wood screws (min. 30mm embedment into timber).

D3 - BEARER DECORATIVE END DETAIL (scale 1:5)



D4 - 'TORUS' MOLDING n.t.s.

REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

Rev A (Oct 2018) - Brick plinth updated to engineering brick.

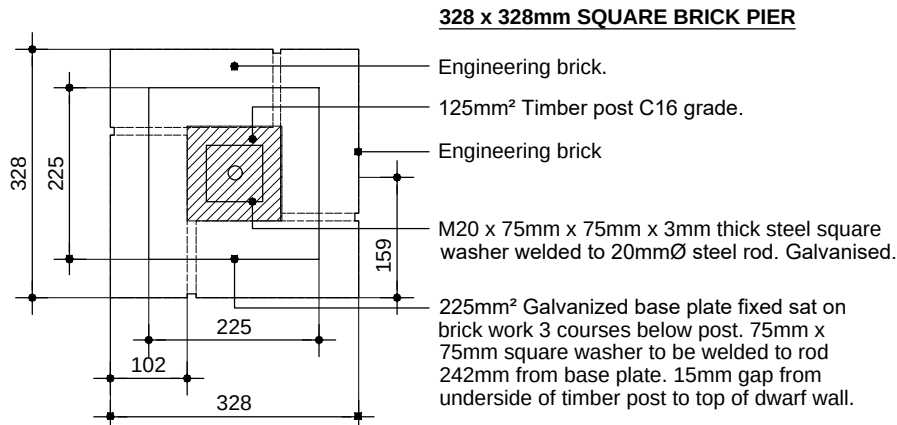


Drawing Title:
Large 'Dropped Eaves' Timber Porch
Details - Alternative Post (Sheet 3)

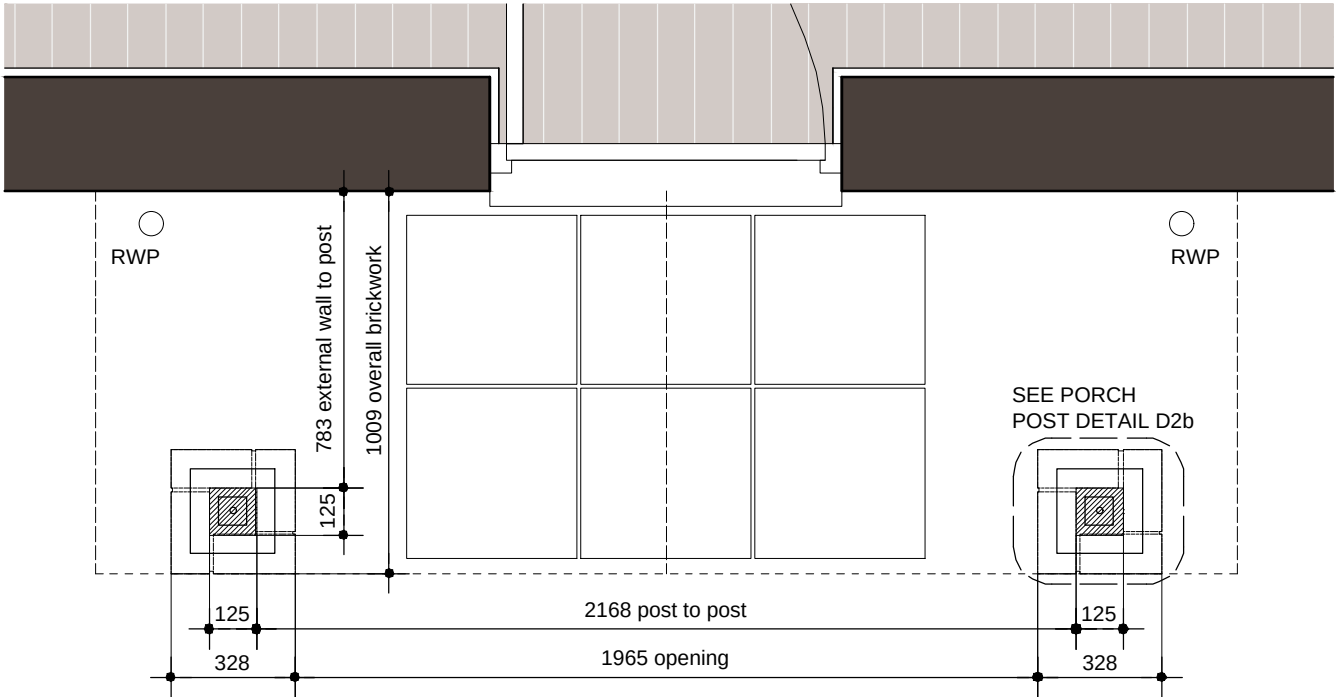
Date. January 2015 Scale. Various @ A3

Dwg No. **CE[13]29_03** Rev. **A**

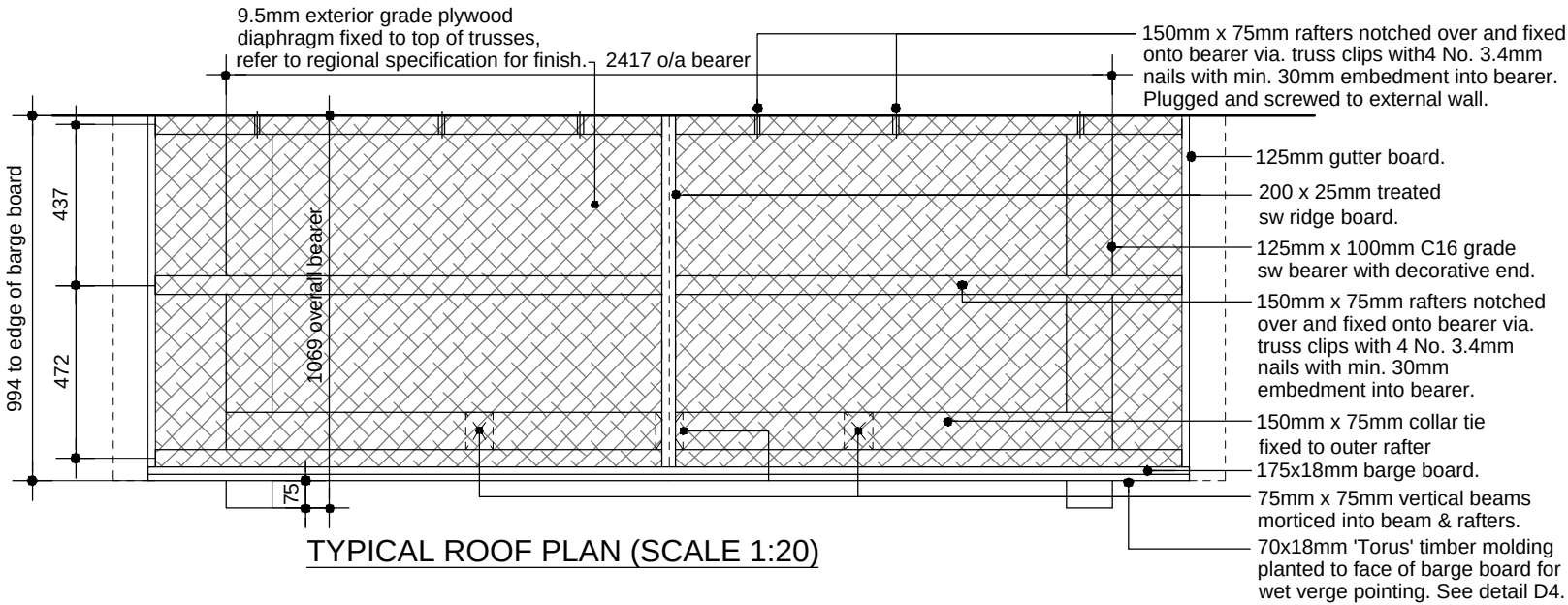
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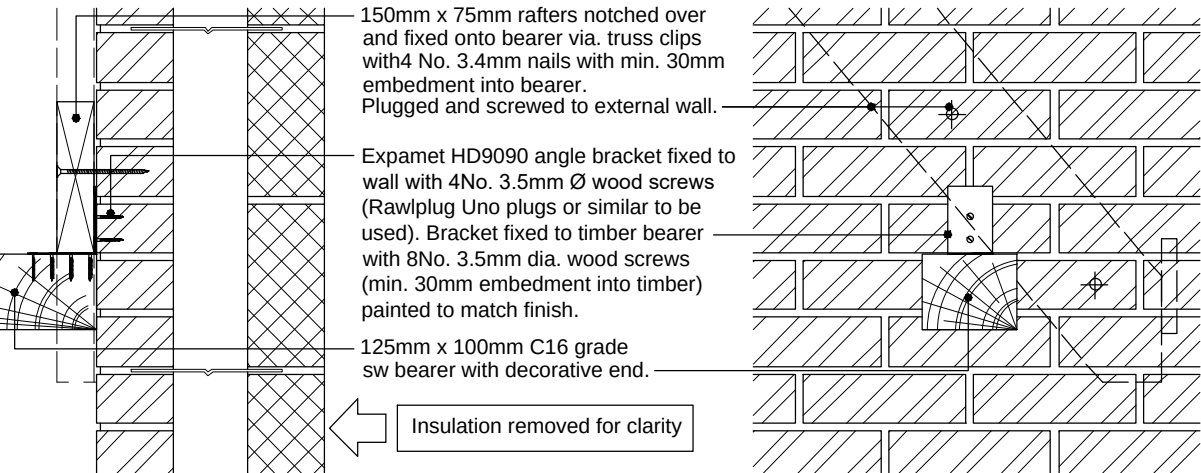
D2b - SECTION THROUGH PORCH POST ON BRICK PIER (scale 1:10)



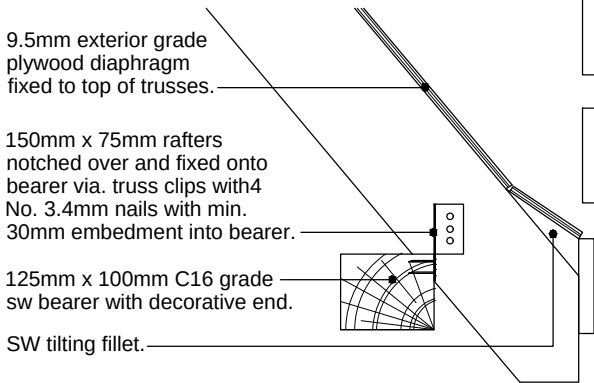
TYPICAL PLAN PROFILE (SCALE 1:20)



TYPICAL ROOF PLAN (SCALE 1:20)

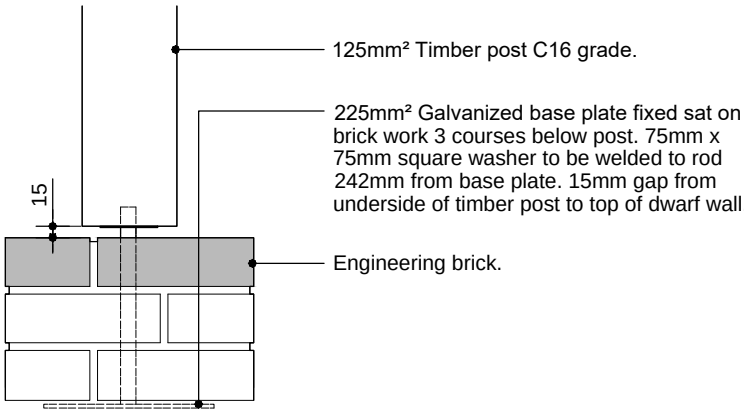


D5 - SECTION DETAIL OF BRACKET / BEARER / RAFTER / TRUSS CLIP CONNECTION TO EXTERNAL WALL (scale 1:10)



REFER TO STRUCTURAL ENGINEERS (ABACUS) CALCULATIONS, REFERENCE No. 32796-01-C62

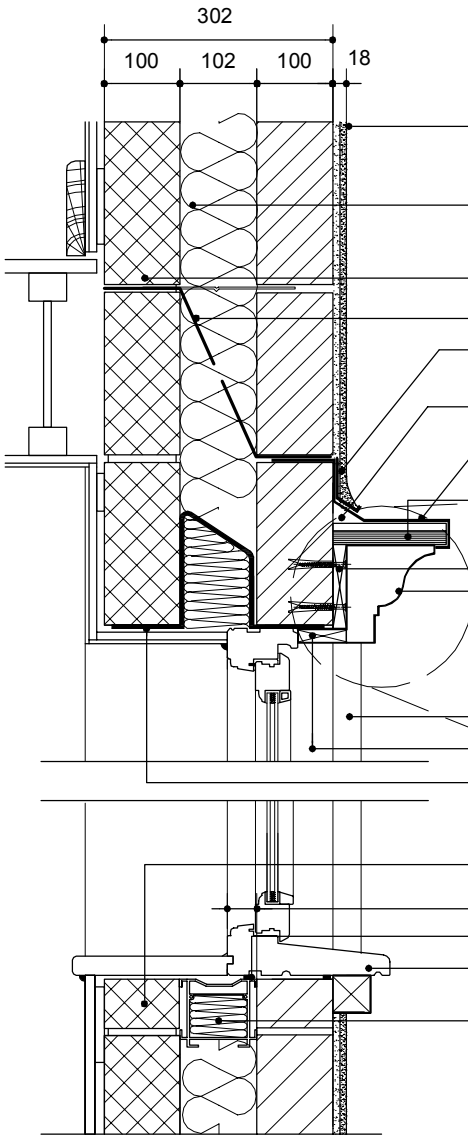
ALL TIMBER TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.



D1b - PORCH POST DETAIL (scale 1:10)

Rev A (Oct 2018) - Brick plinth updated to engineering brick.

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SECTION THROUGH SURROUND

Proprietary through coloured render (in accordance with manufacturers requirements and recommendations) on 100mm medium dense concrete blockwork outerleaf. (7N/mm² - as shown on working drawings and structural calculations).

Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.

100mm 'Durox Supabloc' 3.5N/mm² blockwork.

Manthorpe or similar cavity tray.

Bell cast (render stop) bead (stainless steel to BSEN 10088-21.4301) or uPVC.

Tilting fillet.

Code 4 lead flashing over 'cocking fillet' formed with feather edge board to channel water run off to front of Cornice.

Code 4 lead on 18 x 150mm WBP plywood (when timber Cornice is used) Lead to form drip.

18mm WBP plywood.

130mm Decorative Cornice .

Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-03**

38mm x 50mm Trimboard.

19mm reveal lining board.

Keystone S/K 90 lintel or equivalent as specified by the lintel manufacturer

Coursing block across cill.

Frame overlap min 30mm.

Continuous bead mastic sealant around window frame

215mm Extended cill.

Openings to have proprietary closure with min. thermal resistance path of 0.45m k/w.

Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-04**

SEAL ALL PENETRATIONS THROUGH BOTH PLASTERBOARD AND ANY FLOOR PENETRATION USING A FLEXIBLE SEALANT OR TAPE

FOR GRP VERSION REFER TO IG GRP LTD DRAWING BLR-001A

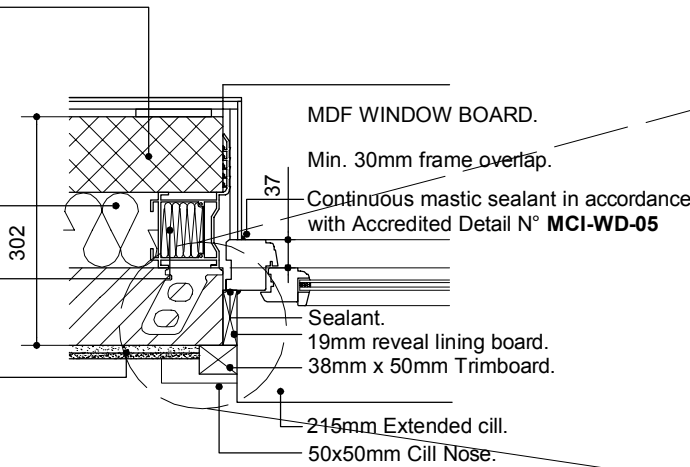
SECTION THROUGH REVEAL

100mm 'Durox Supabloc' 3.5N/mm² blockwork inner leaf.

Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.

Openings to have proprietary closure with min. thermal resistance path of 0.45m k/w.

Proprietary through coloured render (in accordance with manufacturers requirements and recommendations) on 100mm medium dense concrete blockwork outerleaf. (7N/mm² - as shown on working drawings and structural calculations).



MDF WINDOW BOARD.

Min. 30mm frame overlap.

Continuous mastic sealant in accordance with Accredited Detail N° **MCI-WD-05**

Sealant.

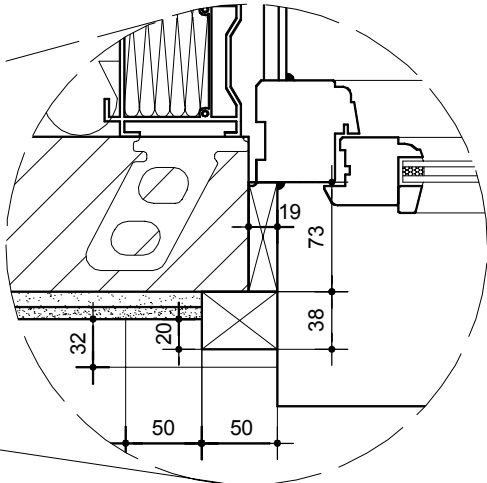
19mm reveal lining board.

38mm x 50mm Trimboard.

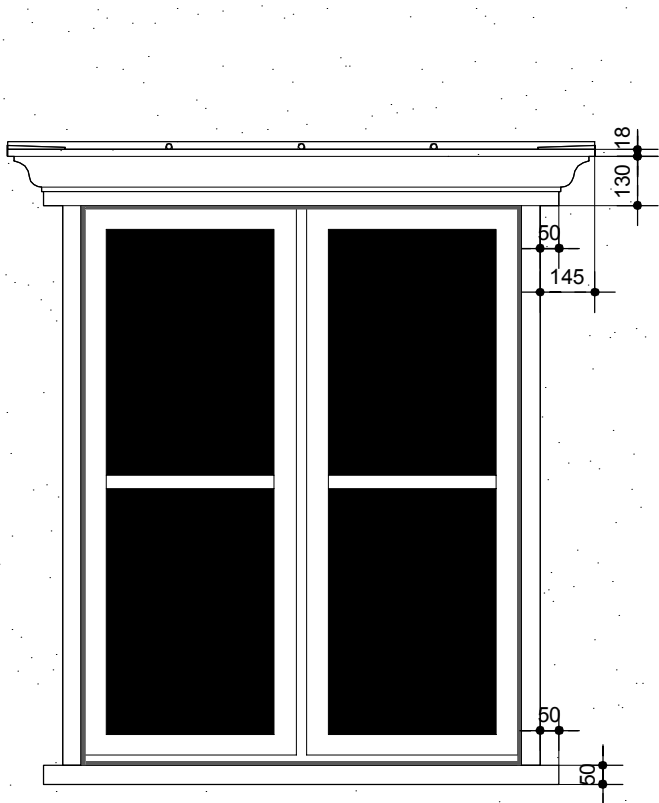
215mm Extended cill.

50x50mm Cill Nose.

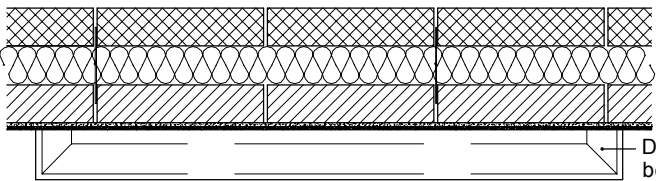
ALL TIMBER (WHERE USED) TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.



FULL WINDOW SURROUND ELEVATION (SCALE 1:20)

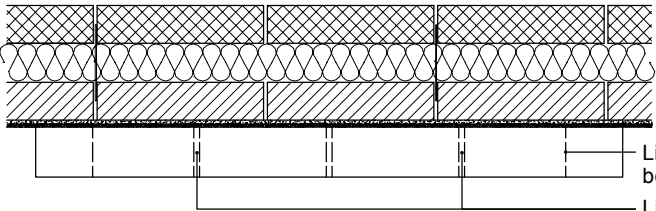


SIDE PROFILE (SCALE 1:20)



Decorative Cornice to be returned to face of wall.

PLAN PROFILE (SCALE 1:20)

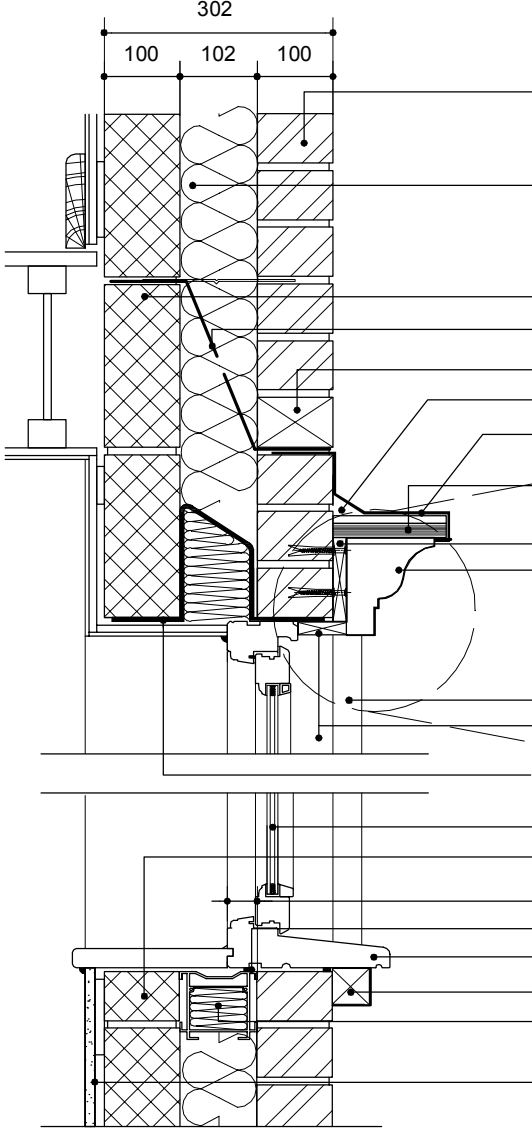


Line of feather edge board 'cocking fillet'
Line of dowel or plastic pipe cut offs to form 'mop stick'.

PLAN PROFILE ROOF (SCALE 1:20)

Rev E (April 2016) - Cavity wall insulation note amended, drawing title sheet amended.
Rev D (May 2015) - GRP note added.

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SECTION THROUGH SURROUND

- 102.5mm facing brickwork.
- Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.
- 100mm 'Durox Supabloc' 3.5N/mm² blockwork.
- Manthorpe or similar cavity tray.
- Weep holes at max 450mm c/c.
- Tilting fillet.
- Code 4 lead flashing over 'cocking fillet' formed with feather edge board to channel water run off to front of Cornice.
- Code 4 lead on 18 x 150mm WBP plywood (when timber Cornice is used) Lead to form drip.
- 18mm WBP plywood.
- 130mm Decorative Cornice.

Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-03**

- 38mm x 50mm Trimboard.
- 19mm reveal lining board.
- Keystone S/K-90 lintel or equivalent as specified by the lintel manufacturer
- PVCu double glazed window
- Coursing block across cill.
- Frame overlap min 30mm.
- Max. 6mm mastic seal.
- 215mm Extended cill.
- 50mm x 50mm Cill Nose.
- Openings to have proprietary closure with min. thermal resistance path of 0.45m k/w.
- 12.5mm Standard Wallboard on wallboard adhesive to inner leaf blockwork

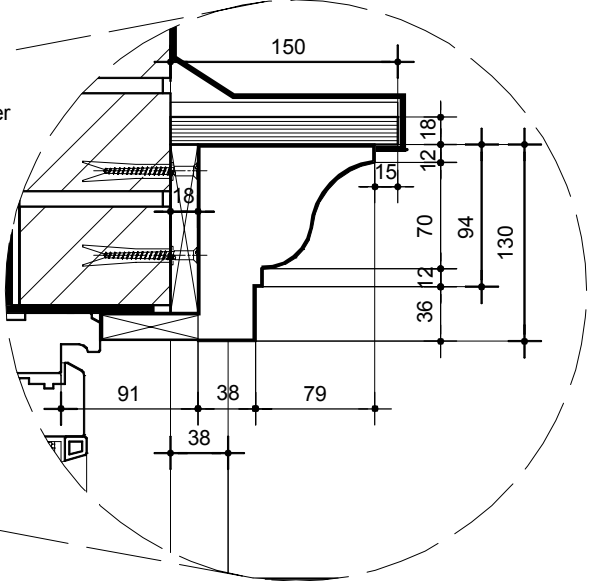
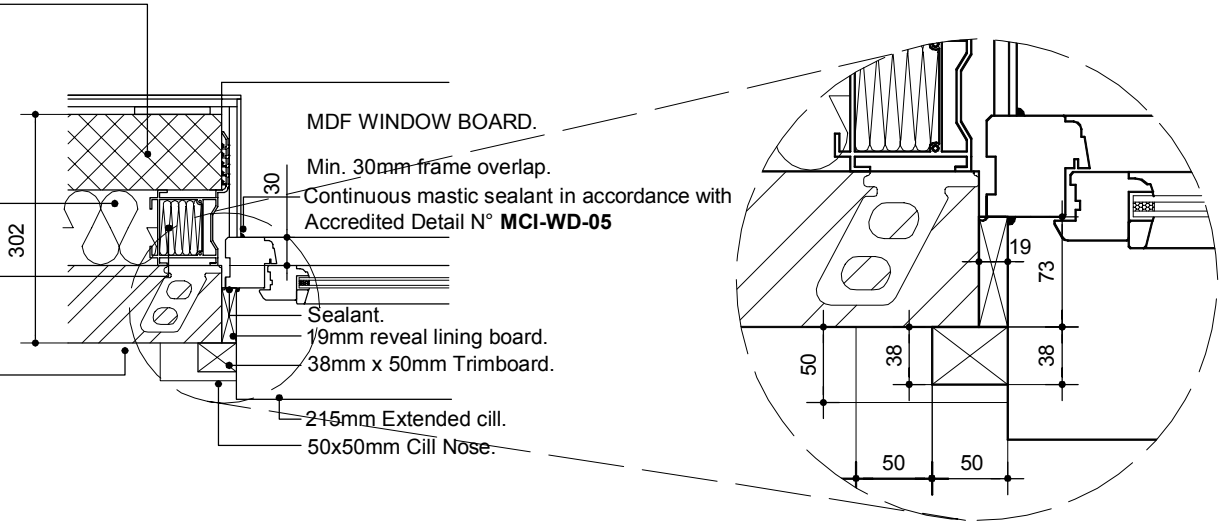
Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-04**

SEAL ALL PENETRATIONS THROUGH BOTH PLASTERBOARD AND ANY FLOOR PENETRATION USING A FLEXIBLE SEALANT OR TAPE

FOR GRP VERSION REFER TO IG GRP LTD DRAWING BLR-001A

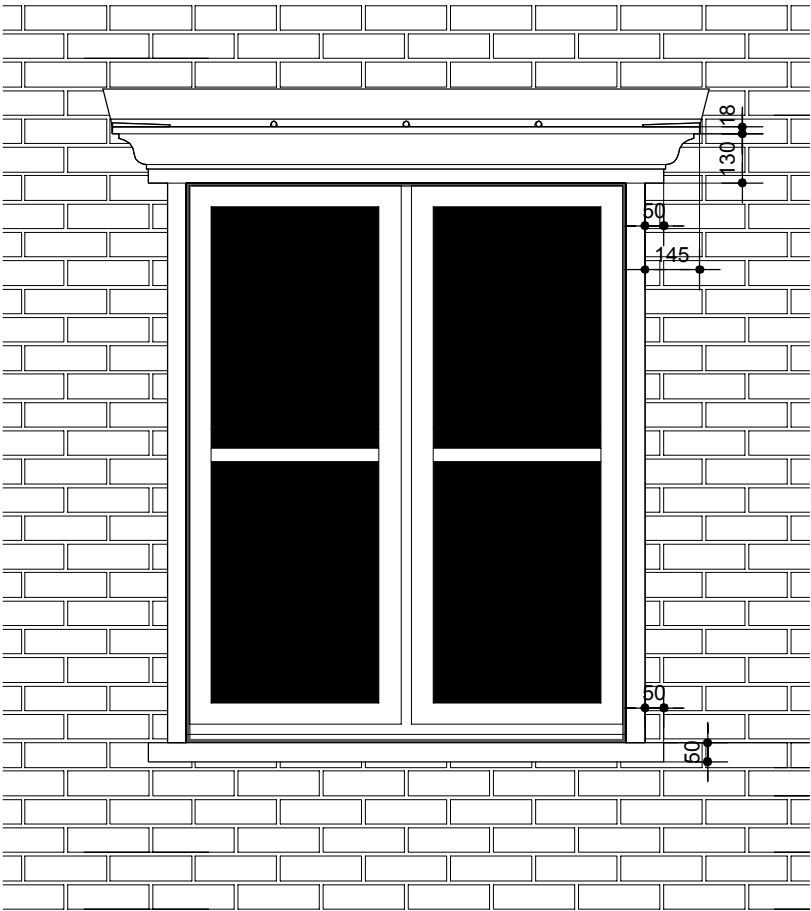
SECTION THROUGH REVEAL

- 100mm 'Durox Supabloc' 3.5N/mm² blockwork inner leaf.
- Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.
- Openings to have proprietary closure with min. thermal resistance path of 0.45m k/w.
- Proprietary through coloured render (in accordance with manufacturers requirements and recommendations) on 100mm medium dense concrete blockwork outerleaf. (7N/mm² - as shown on working drawings and structural calculations).

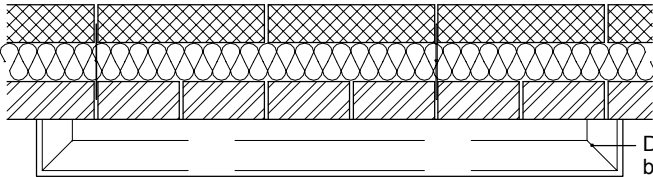
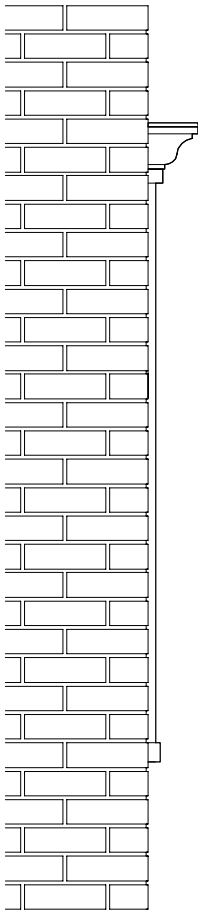


ALL TIMBER (WHERE USED) TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

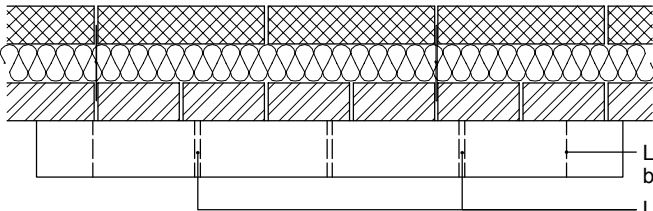
FULL WINDOW SURROUND ELEVATION
(SCALE 1:20)



SIDE PROFILE
(SCALE 1:20)



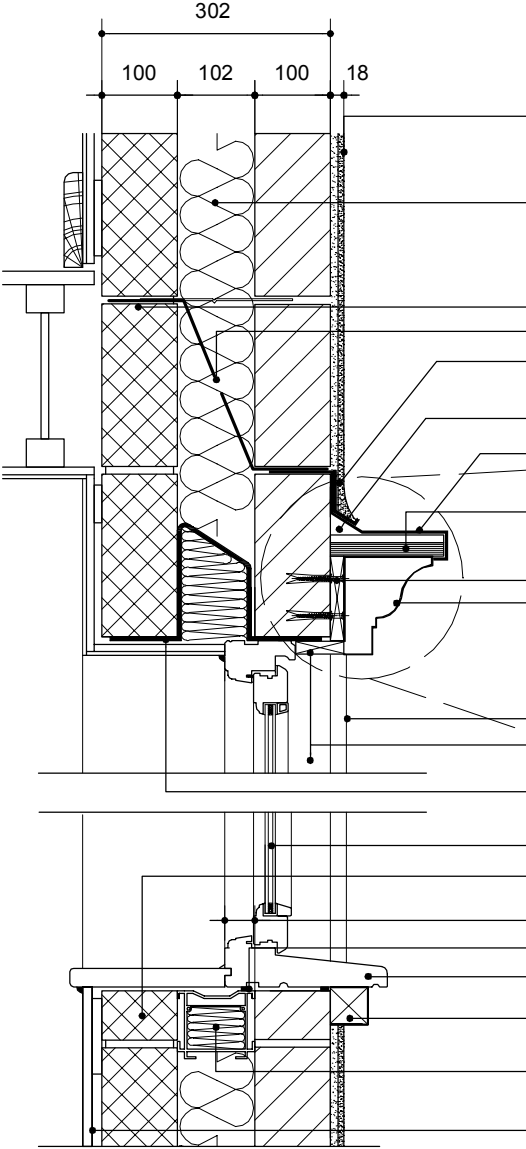
PLAN PROFILE (SCALE 1:20)



PLAN PROFILE ROOF (SCALE 1:20)

Rev E (April 2016) - Cavity wall insulation note amended, drawing title sheet amended.
Rev D (May 2015) - GRP note added.

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SECTION THROUGH SURROUND

Proprietary through coloured render (in accordance with manufacturers requirements and recommendations) on 100mm medium dense concrete blockwork outerleaf. (7N/mm² - as shown on working drawings and structural calculations).

Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.

100mm 'Durox Supabloc' 3.5N/mm² blockwork.

Manthorpe or similar cavity tray.

Bell cast (render stop) bead (stainless steel to BSEN 10088-21.4301) or uPVC.

Tilting fillet.

Code 4 lead flashing over 'cocking fillet' formed with feather edge board to channel water run off to front of Cornice.

Code 4 lead on 18 x 150mm WBP plywood (when timber Cornice is used) Lead to form drip.

18mm WBP plywood.

130mm Decorative Cornice .

Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-03**

38mm x 50mm Trimboard.

19mm reveal lining board.

Keystone S/K-90 lintel or equivalent as specified by the lintel manufacturer

PVCu double glazed window

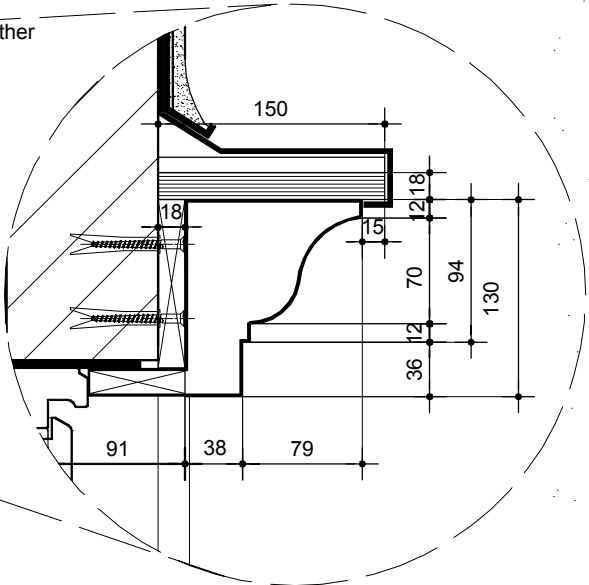
Coursing block across cill.

Frame overlap min 30mm.

Continuous bead mastic sealant around window frame

215mm Extended cill.

50mm x 50mm Cill Nose.



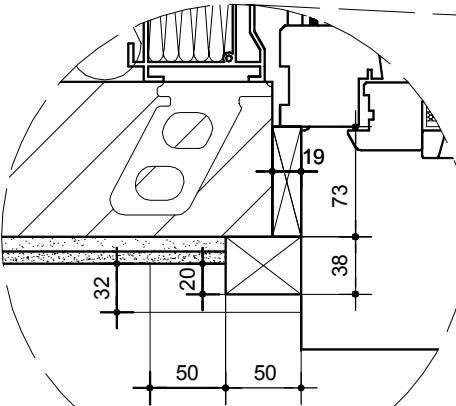
SECTION THROUGH REVEAL

100mm 'Durox Supabloc' 3.5N/mm² blockwork inner leaf.

Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.

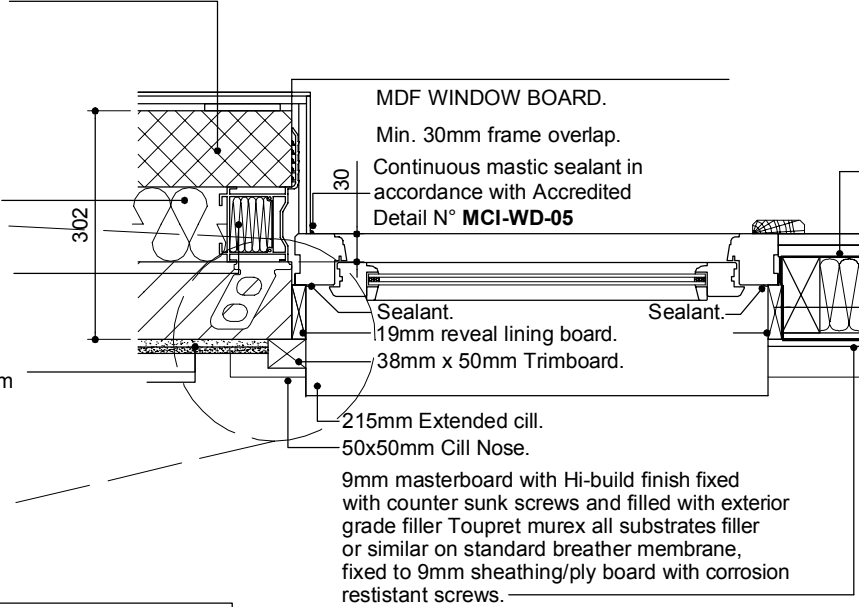
Openings to have proprietary closure with min. thermal resistance path of 0.45m k/w.

Proprietary through coloured render (in accordance with manufacturers requirements and recommendations) on 100mm medium dense concrete blockwork outerleaf. (7N/mm² - as shown on working drawings and structural calculations).



SEAL ALL PENETRATIONS THROUGH BOTH PLASTERBOARD AND ANY FLOOR PENETRATION USING A FLEXIBLE SEALANT OR TAPE

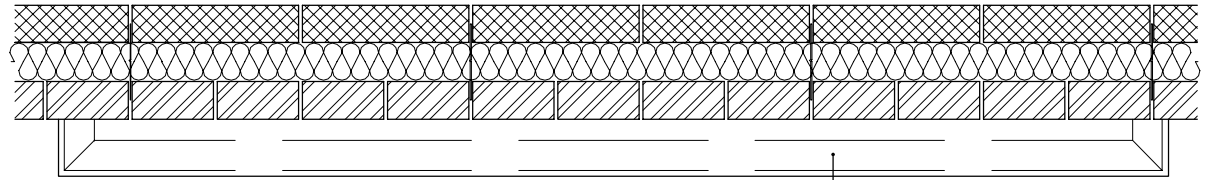
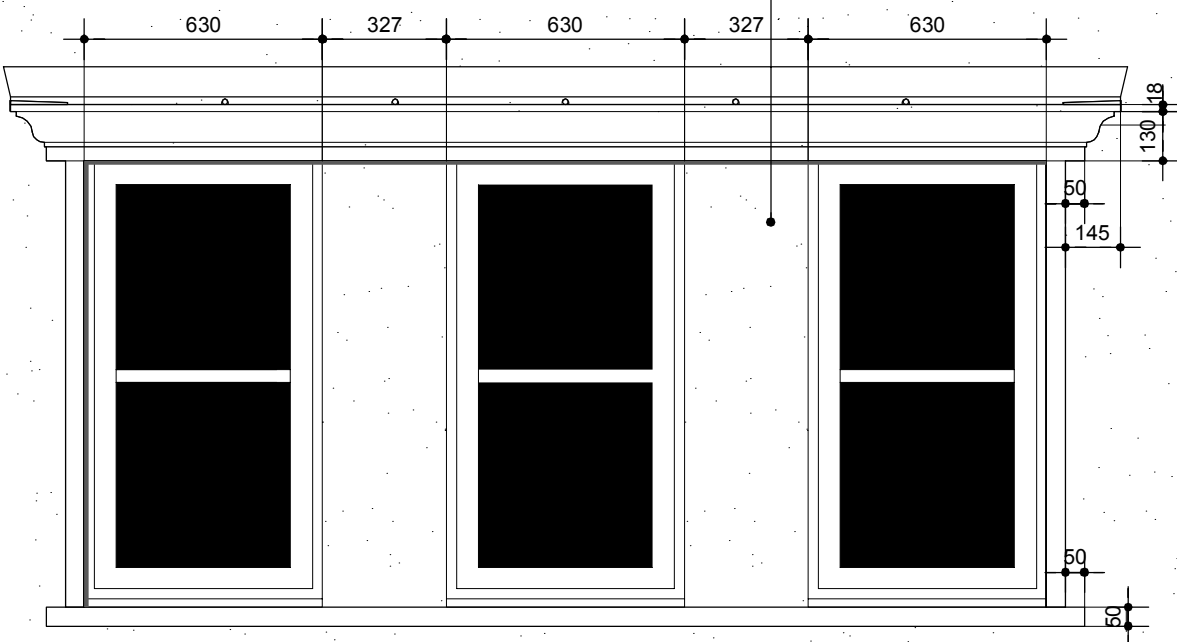
FOR GRP VERSION REFER TO IG GRP LTD DRAWING BLR-001A



ALL TIMBER (WHERE USED) TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

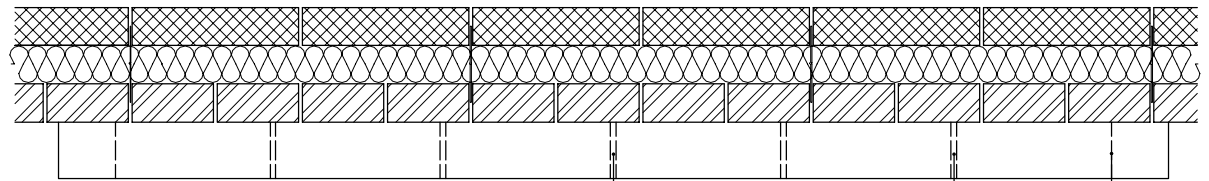
WINDOW SURROUND WITH INFILL PANEL ELEVATION
(SCALE 1:20)

9mm masterboard with Hi-build finish fixed with counter sunk screws and filled with exterior grade filler Toupret murex all substrates filler or similar on standard breather membrane, fixed to 9mm sheathing/ply board with corrosion resistant screws.



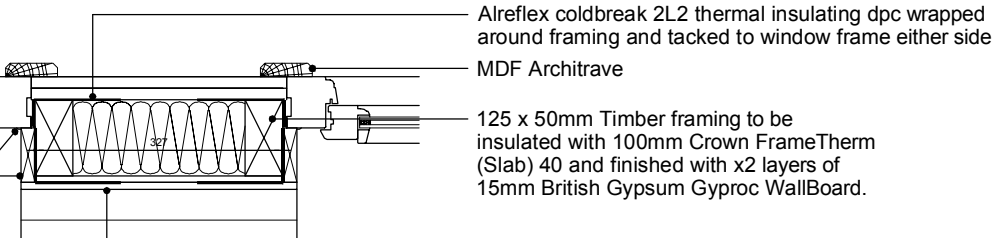
PLAN PROFILE (SCALE 1:20)

Decorative Cornice to be returned to face of wall.



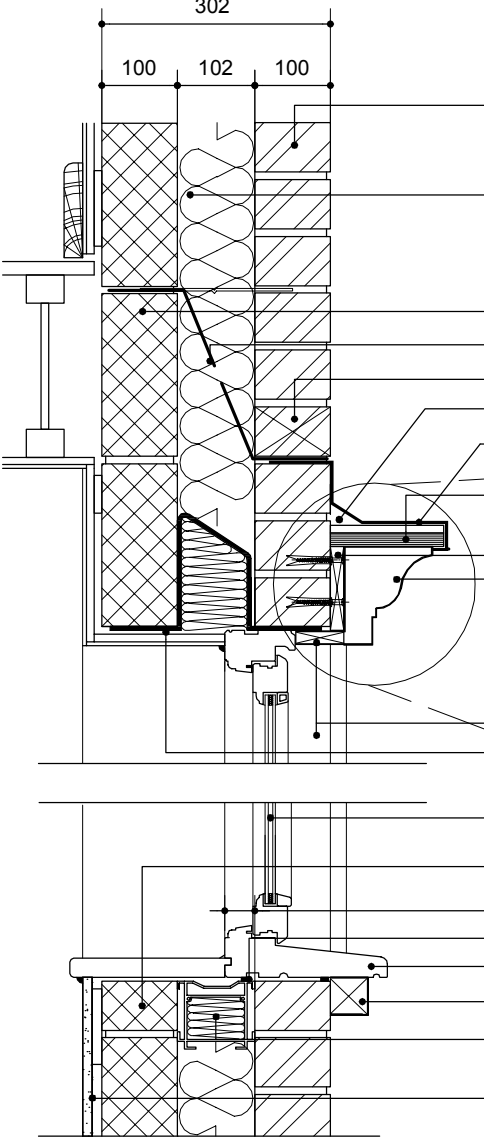
PLAN PROFILE ROOF (SCALE 1:20)

Line of dowel or plastic pipe cut offs to form 'mop stick'.
Line of feather edge board 'cocking fillet'



Rev E (April 2016) - Cavity wall insulation note amended, drawing title sheet amended.
Rev D (May 2015) - GRP note added.

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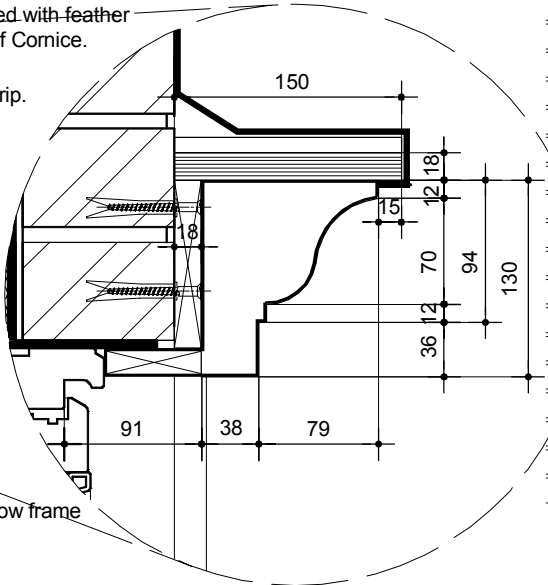
SECTION THROUGH SURROUND

- 102.5mm facing brickwork.
- Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.
- 100mm 'Durox Supabloc' 3.5N/mm² blockwork.
- Manthorpe or similar cavity tray.
- Weep holes at max 450mm c/c.
- Tilting fillet.
- Code 4 lead flashing over 'cocking fillet' formed with feather edge board to channel water run off to front of Cornice.
- Code 4 lead on 18 x 150mm WBP plywood (when timber Cornice is used) Lead to form drip.
- 18mm WBP plywood.
- 130mm Decorative Cornice.

Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-03**

- 19mm reveal lining board.
- Keystone S/K 90 lintel or equivalent as specified by the lintel manufacturer
- PVCu double glazed window
- Coursing block across cill.
- Frame overlap min 30mm.
- Continuous bead mastic sealant around window frame
- 215mm Extended cill.
- 50mm x 50mm Cill Nose.
- Openings to have proprietary closure with min. thermal resistance path of 0.45m k/w.
- 12.5mm Standard Wallboard on wallboard adhesive to inner leaf blockwork

Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-04**

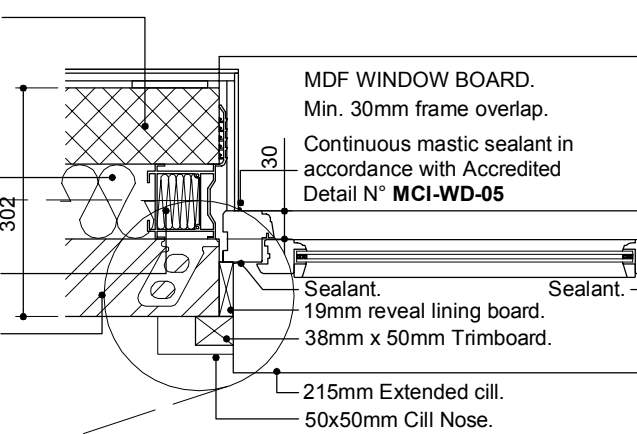


SEAL ALL PENETRATIONS THROUGH BOTH PLASTERBOARD AND ANY FLOOR PENETRATION USING A FLEXIBLE SEALANT OR TAPE

FOR GRP VERSION REFER TO IG GRP LTD DRAWING BLR-001A

SECTION THROUGH REVEAL

- 100mm 'Durox Supabloc' 3.5N/mm² blockwork inner leaf.
- Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.
- Openings to have proprietary closure with min. thermal resistance path of 0.45m k/w.
- 102.5mm facing brickwork.



MDF WINDOW BOARD.
Min. 30mm frame overlap.

Continuous mastic sealant in accordance with Accredited Detail N° **MCI-WD-05**

Sealant.
19mm reveal lining board.
38mm x 50mm Trimboard.

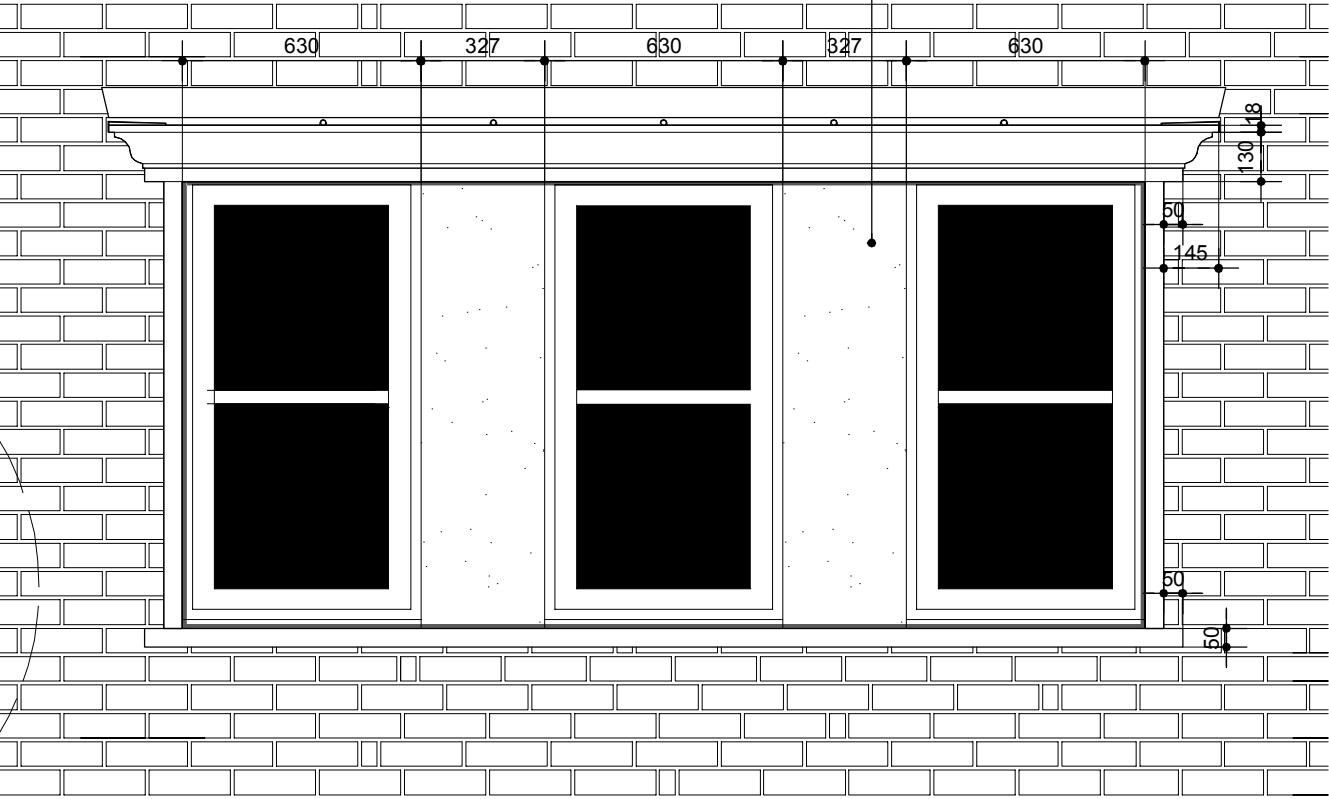
215mm Extended cill.
50x50mm Cill Nose.

9mm masterboard with Hi-build finish fixed with counter sunk screws and filled with exterior grade filler Toupret murex all substrates filler or similar on standard breather membrane, fixed to 9mm sheathing/ply board with corrosion resistant screws.

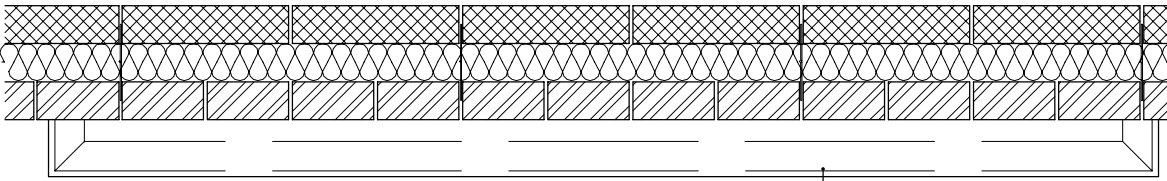
ALL TIMBER (WHERE USED) TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

WINDOW SURROUND WITH INFILL PANEL ELEVATION
(SCALE 1:20)

9mm masterboard with Hi-build finish on standard breather membrane, fixed to 9mm sheathing/ply board with corrosion resistant screws.

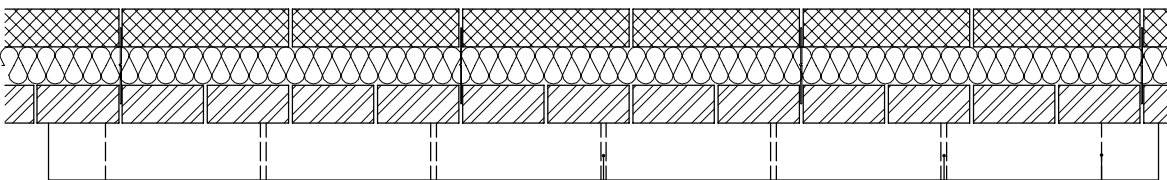


PLAN PROFILE (SCALE 1:20)



Decorative Cornice to be returned to face of wall.

PLAN PROFILE ROOF (SCALE 1:20)



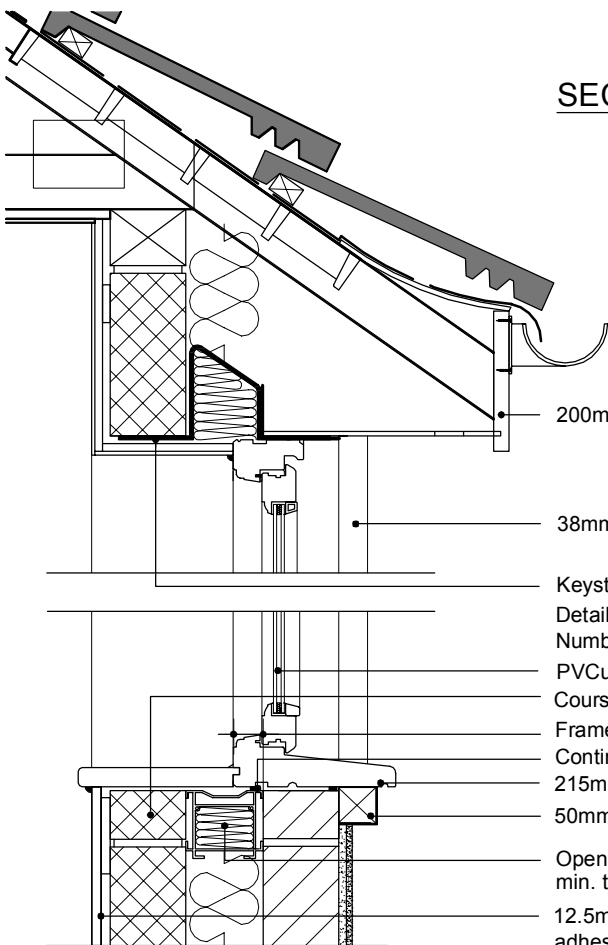
Line of dowel or plastic pipe cut offs to form 'mop stick'.
Line of feather edge board 'cocking fillet'

Alreflex coldbreak 2L2 thermal insulating dpc wrapped around framing and tacked to window frame either side
MDF Architrave

125 x 50mm Timber framing to be insulated with 100mm Crown FrameTherm (Slab) 40 and finished with x2 layers of 15mm British Gypsum Gyproc WallBoard.

Rev E (April 2016) - Cavity wall insulation note amended, drawing title sheet amended.
Rev D (May 2015) - GRP note added.

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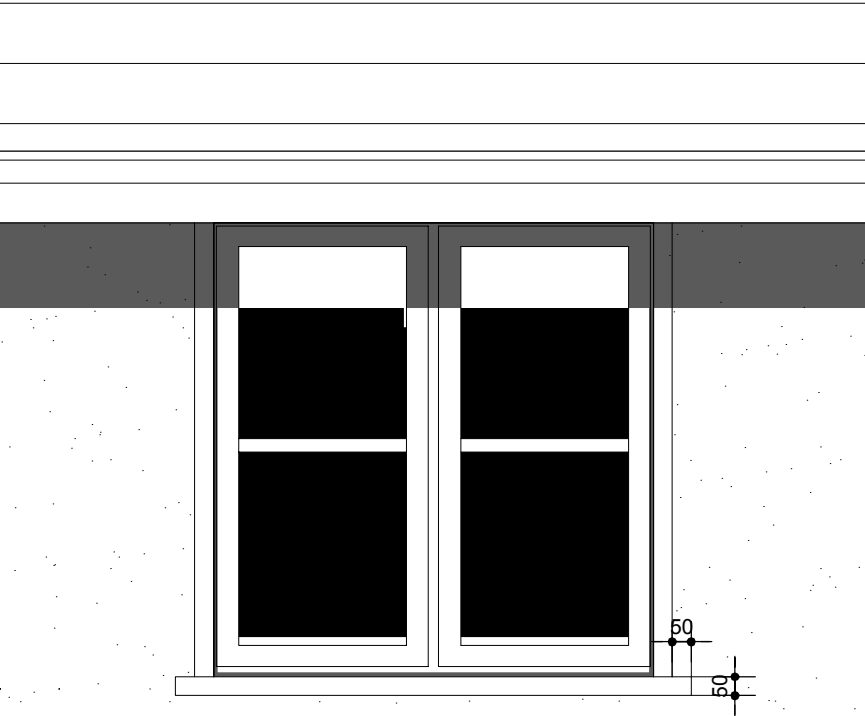
SECTION THROUGH SURROUND

- 200mm UPVC fascia
- 38mm x 50mm Trimboard.
- Keystone S/K 90 lintel or equivalent as specified by the lintel manufacturer.
Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-03**
- PVCu double glazed window
- Coursing block across cill.
- Frame overlap min 30mm
- Continuous bead mastic sealant around window frame
- 215mm Extended cill
- 50mm x 50mm Cill Nose.
- Openings to have proprietary closure with min. thermal resistance path of 0.45m k/w.
- 12.5mm Standard Wallboard on wallboard adhesive to inner leaf blockwork
- Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-04**

SEAL ALL PENETRATIONS THROUGH BOTH PLASTERBOARD AND ANY FLOOR PENETRATION USING A FLEXIBLE SEALANT OR TAPE

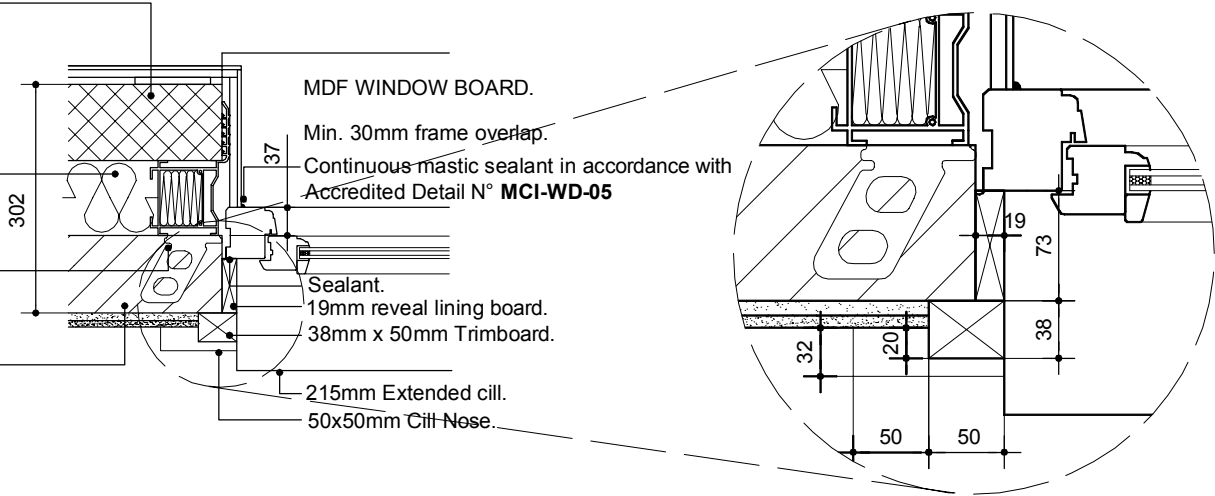
FOR GRP VERSION REFER TO IG GRP LTD DRAWING BLR-001A

WINDOW SURROUND EAVES LEVEL ELEVATION
(SCALE 1:20)



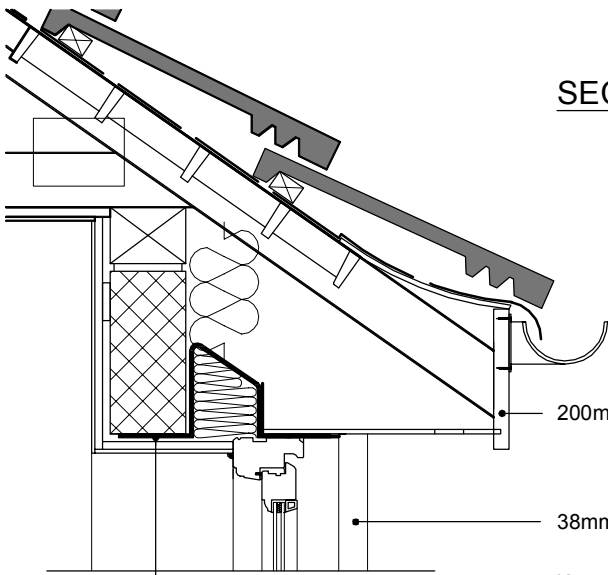
SECTION THROUGH REVEAL

- 100mm 'Durox Supabloc' 3.5N/mm² blockwork inner leaf.
- Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.
- Openings to have proprietary closure with min. thermal resistance path of 0.45m k/w.
- Proprietary through coloured render (in accordance with manufacturers requirements and recommendations) on 100mm medium dense concrete blockwork outerleaf. (7N/mm² - as shown on working drawings and structural calculations).



ALL TIMBER (WHERE USED) TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

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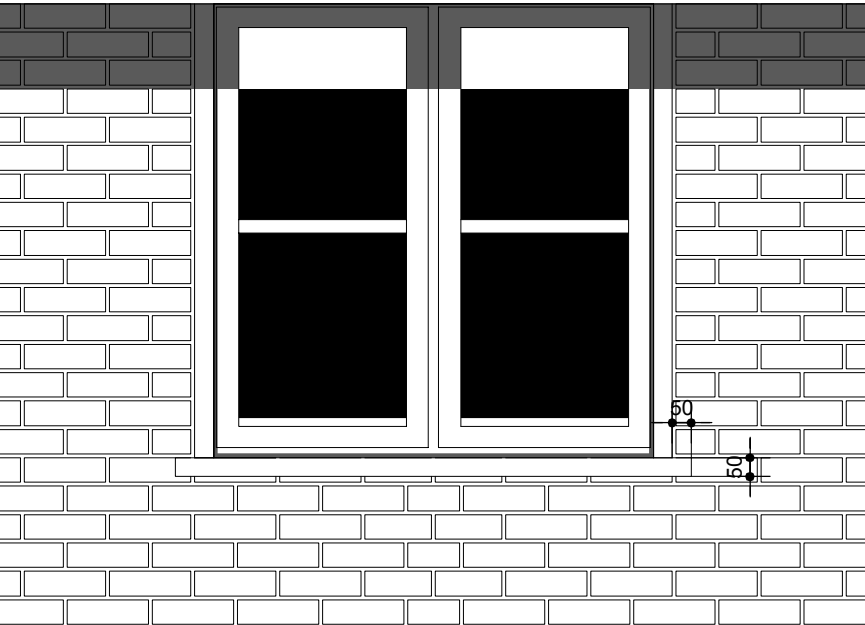
SECTION THROUGH SURROUND

- 200mm UPVC fascia
- 38mm x 50mm Trimboard.
- Keystone S/K 90 lintel or equivalent as specified by the lintel manufacturer.
Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-03**
- PVCu double glazed window
- Coursing block across cill.
- Frame overlap min 30mm
- Continuous bead mastic sealant around window frame
- 215mm Extended cill
- 50mm x 50mm Cill Nose.
- Openings to have proprietary closure with min. thermal resistance path of 0.45m k/w.
- 12.5mm Standard Wallboard on wallboard adhesive to inner leaf blockwork
- Detail to be read in strict accordance with Accredited detail Number: **MCI-WD-04**

SEAL ALL PENETRATIONS THROUGH BOTH PLASTERBOARD AND ANY FLOOR PENETRATION USING A FLEXIBLE SEALANT OR TAPE

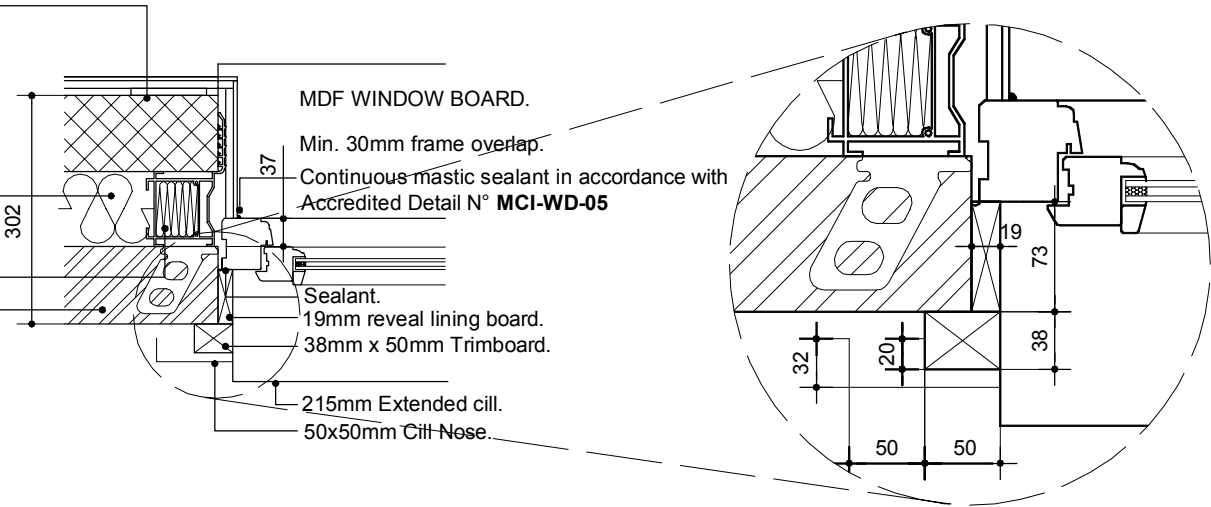
FOR GRP VERSION REFER TO IG GRP LTD DRAWING BLR-001A

WINDOW SURROUND EAVES LEVEL ELEVATION
(SCALE 1:20)



SECTION THROUGH REVEAL

- 100mm 'Durox Supabloc' 3.5N/mm² blockwork inner leaf.
- Knauf Supafil 40 injected mineral wool (Thermal conductivity 0.040W/mK) for 2010 Building Regulations compliance, Knauf Supafil 34 (Thermal conductivity 0.034W/mK) for 2013 Building regulation compliance full fill insulation for normal and severe exposure zones. For very severe exposure zones use 40mm Celotex CW4040 or similar partial fill insulation.
- Openings to have proprietary closure with min. thermal resistance path of 0.45m k/w.
- Facing brickwork.



ALL TIMBER (WHERE USED) TO BE PRESERVATIVE TREATED TO BS 5268 P.T 5 1977. WITH CUTS & JOINTS TREATED ON SITE.

Rev C (April 2016) - Cavity wall insulation note amended, drawing title sheet amended.
Rev B (May 2015) - GRP note added.

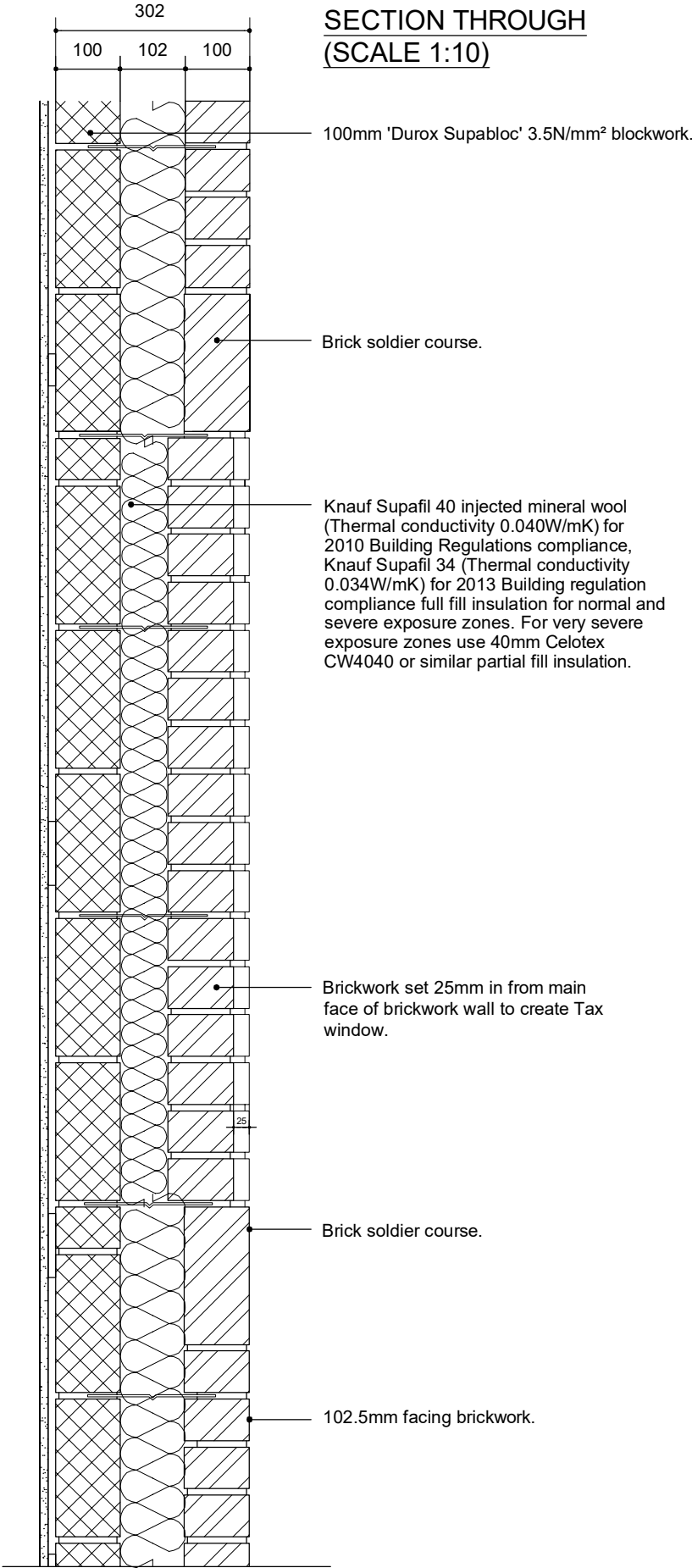


Drawing Title:
Timber Window Surround at
Eaves Level (Brick)

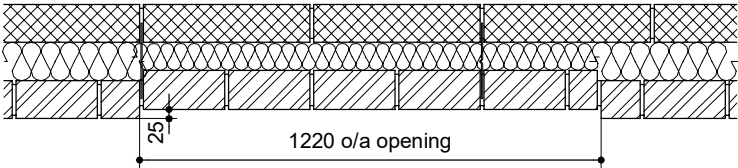
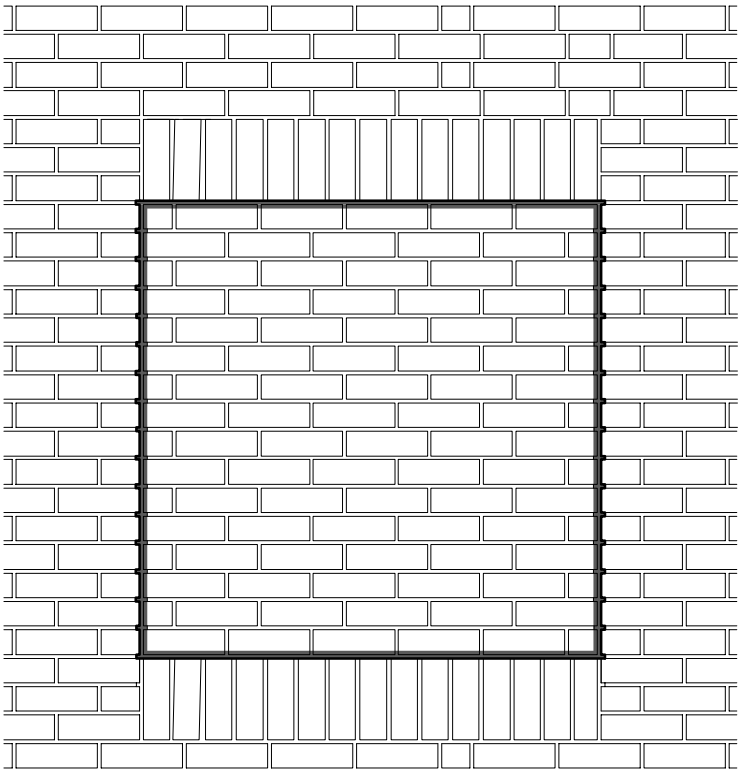
Date. March 2013 Scale. Various @ A3

Dwg No. **CE[13]30.7** Rev. **C**

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WINDOW TAX RECESS ELEVATION
(SCALE 1:20)



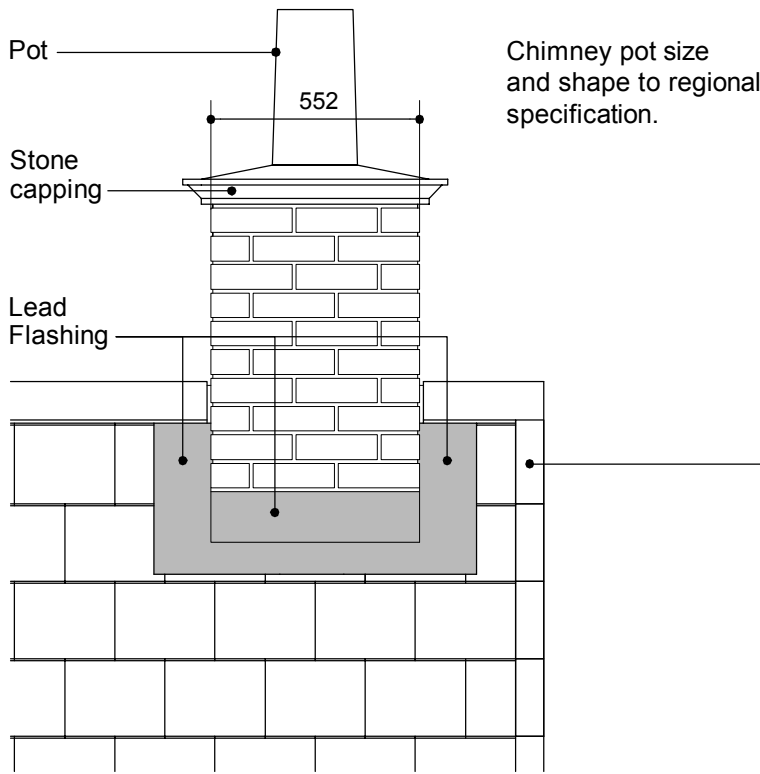
PLAN PROFILE (SCALE 1:20)

Rev F (Nov 2018) - Brick soldier course added.
Rev E (Sept 2016) - Cut brick cill added.
Rev D (April 2016) - Cavity wall insulation note amended, drawing title sheet amended.
Rev C (Nov 2014) - Manufacturers details amended.



Drawing Title: Window Tax Recess Detail	Date. March 2013	Scale. Various @ A3
	Dwg No. CE[13]31	Rev. F

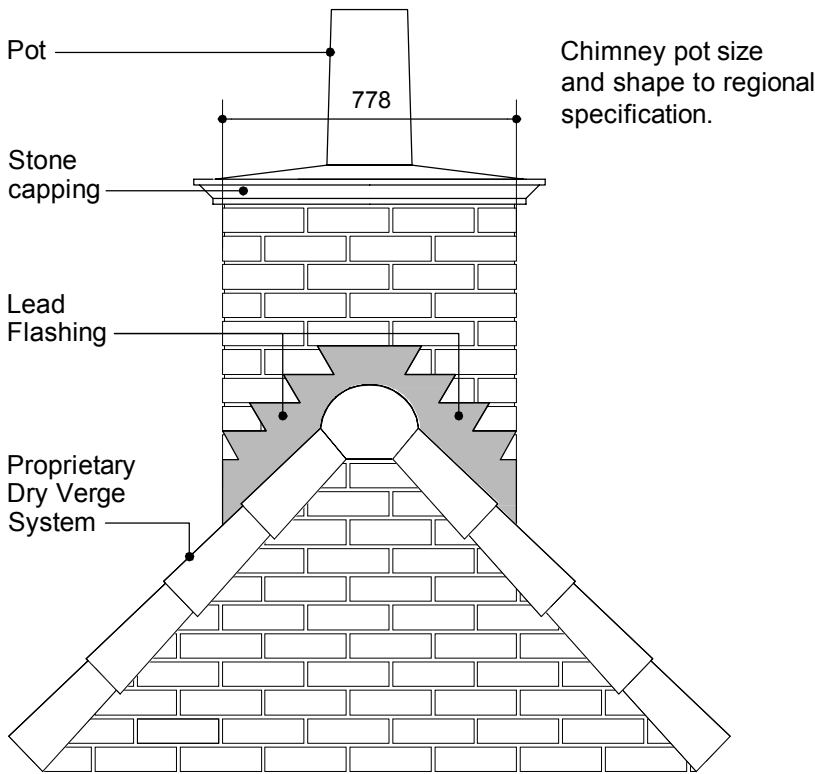
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Chimney pot size and shape to regional specification.

FRONT ELEVATION

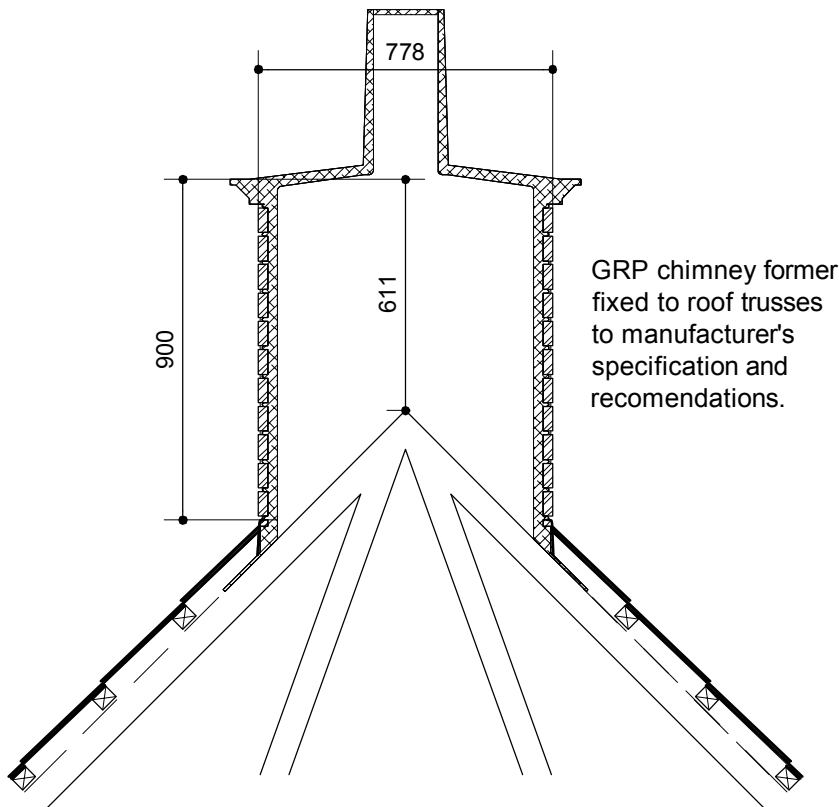
If a chimney is situated over a party wall, fire can spread from one loft space through the chimney void to the adjoining loft space. In this situation a 5mm supalux board must be fixed to trusses at the chimney location prior to the installation. It is also acceptable to fill the chimney with fireproof Rockwool which in turn will prevent the spread of flames within the unit. The unit must be compactly filled to prevent possible spread, and retained with wire mesh to prevent the product falling out, read in accordance with Kevington fast track chimney system or similar approved.



Chimney pot size and shape to regional specification.

SIDE ELEVATION

Code 4 lead flashing dressed securely into a 10mm mortar joint. Flashing around chimney to be dressed to the Roof.



SECTION THROUGH CHIMNEY

Chimney brackets bolted to trusses using M10 - 75mm coach screws. (6no per apex bracket, 3no per side bracket) to manufacturers recommendations.

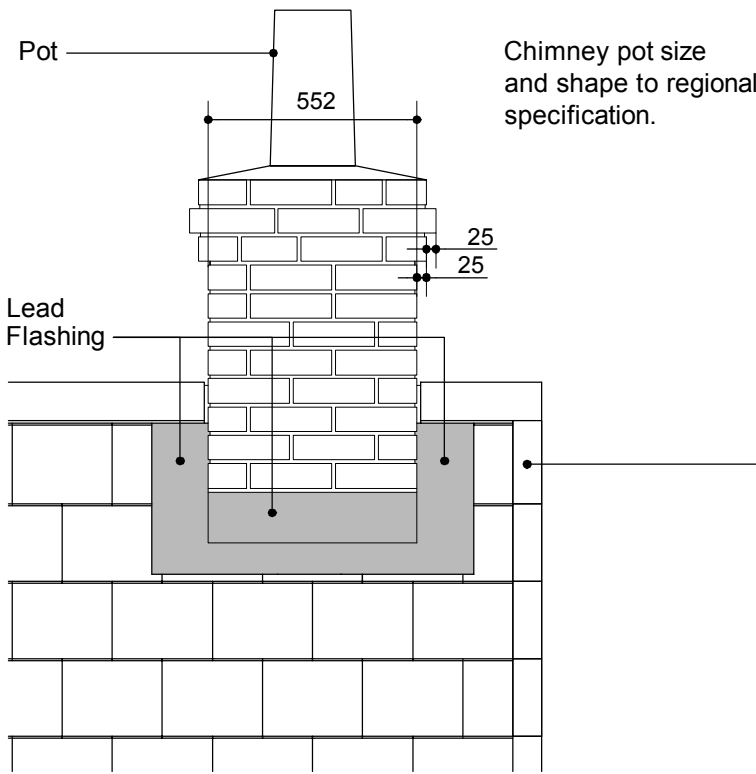
Rev B (Nov 2016) - Dry verge added. Title amended.
Rev A (Oct 2014) - Lead flashing and chimney pot annotated on drawing.



Drawing Title:
GRP Chimney - Brick Slips with
Stone Effect Capping

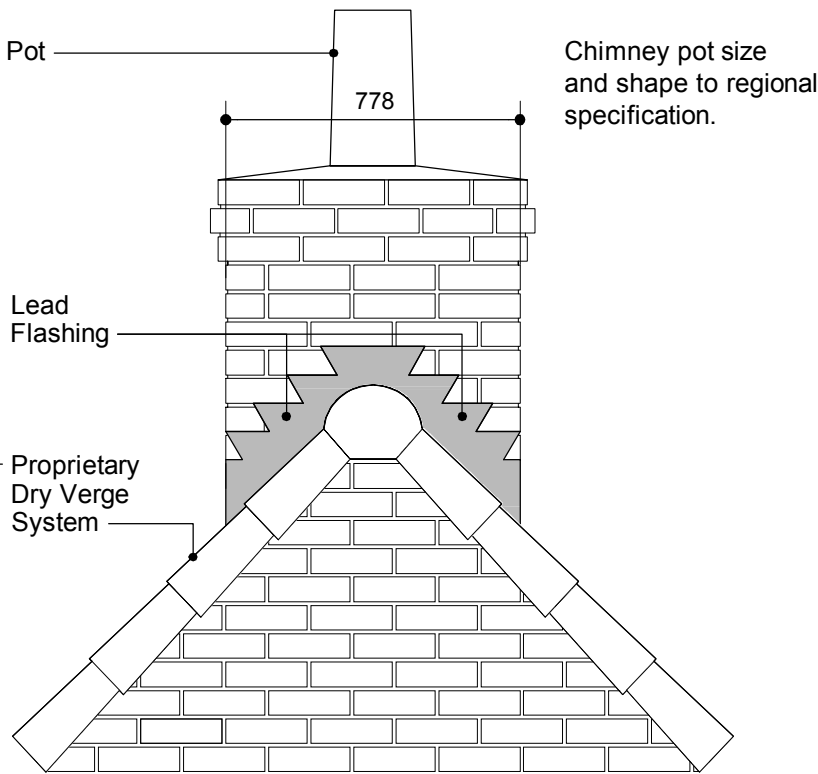
Date. March 2013	Scale. 1:20 @ A3
Dwg No. CE[13]32.1	Rev. B

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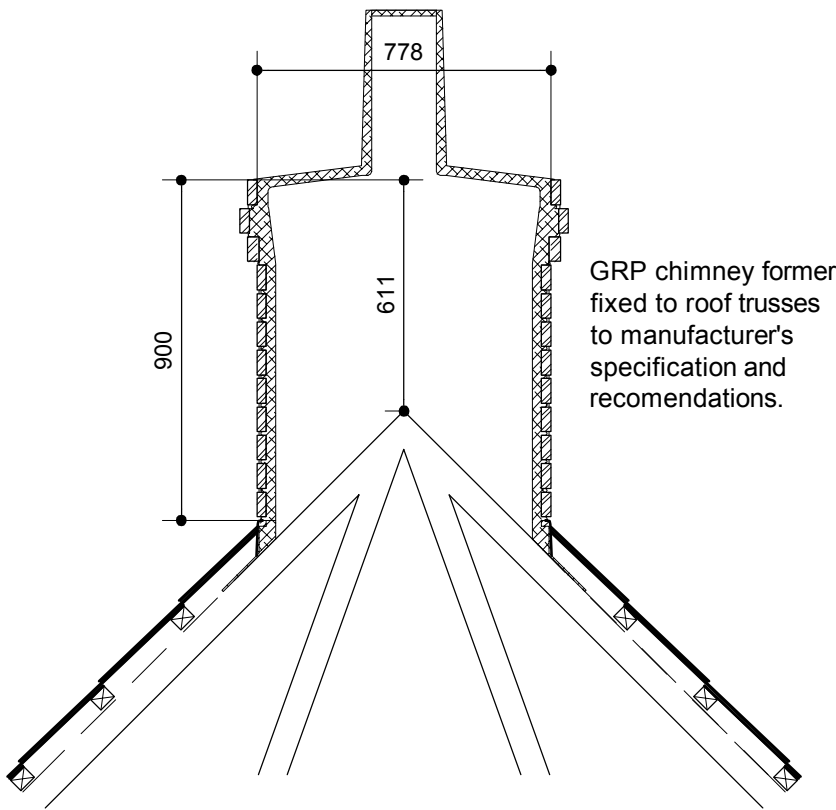
FRONT ELEVATION

If a chimney is situated over a party wall, fire can spread from one loft space through the chimney void to the adjoining loft space. In this situation a 5mm supalux board must be fixed to trusses at the chimney location prior to the installation. It is also acceptable to fill the chimney with fireproof Rockwool which in turn will prevent the spread of flames within the unit. The unit must be compactly filled to prevent possible spread, and retained with wire mesh to prevent the product falling out, read in accordance with Kevington fast track chimney system or similar approved.



SIDE ELEVATION

Code 4 lead flashing dressed securely into a 10mm mortar joint. Flashing around chimney to be dressed to the Roof.



SECTION THROUGH CHIMNEY

Chimney brackets bolted to trusses using M10 - 75mm coach screws. (6no per apex bracket, 3no per side bracket) to manufacturers recommendations.

Rev B (Nov 2016) - Dry verge added. Title amended.
Rev A (Oct 2014) - Lead flashing and chimney pot annotated on drawing.

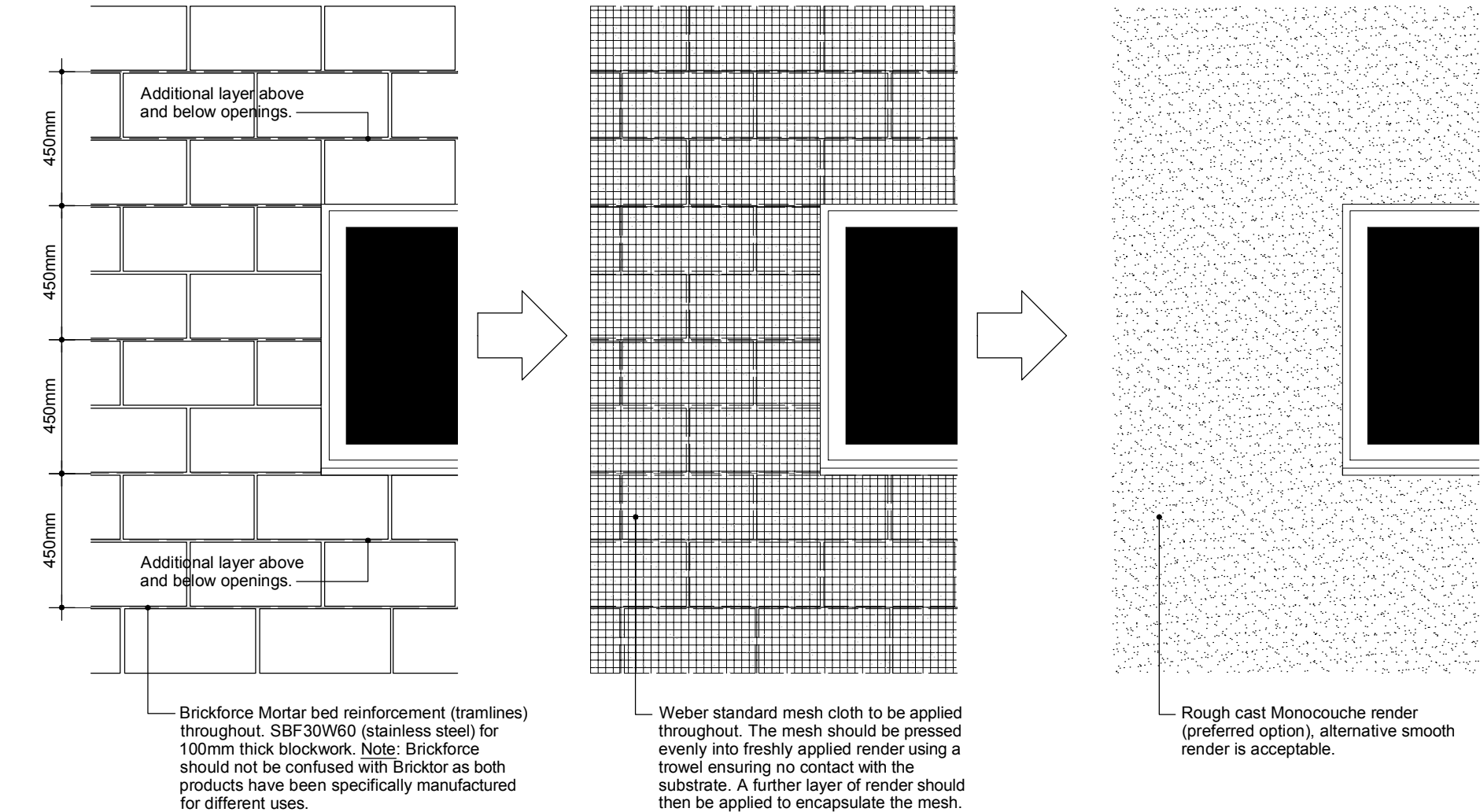


Drawing Title:
GRP Chimney - Brick Slips with
Brick Corbel Capping

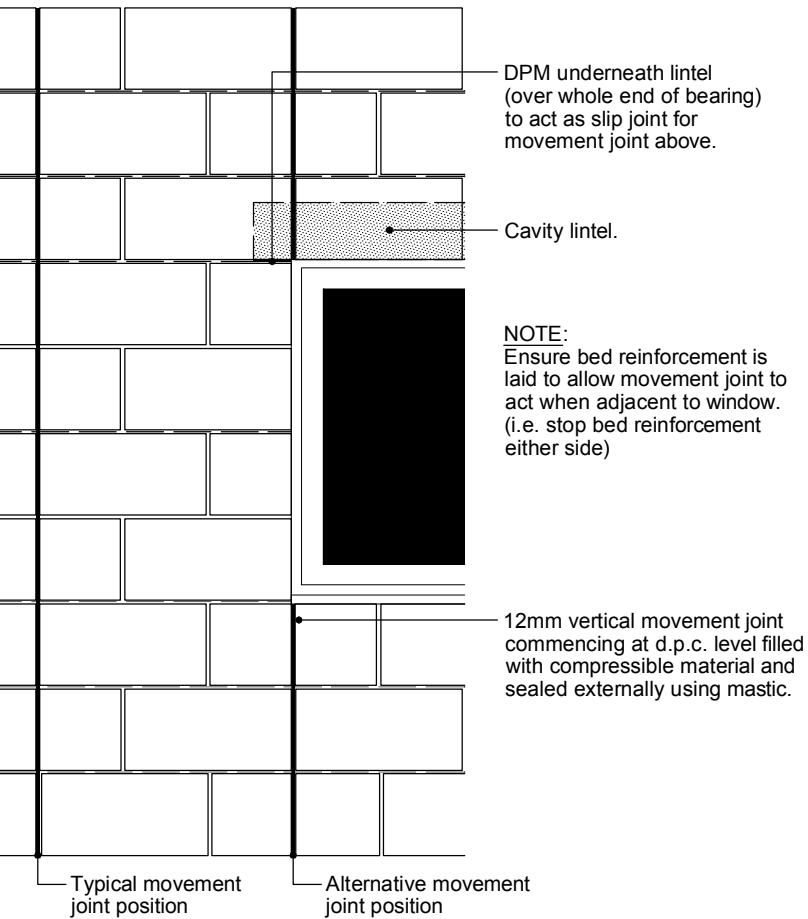
Date. March 2013	Scale. 1:20 @ A3
Dwg No. CE[13]32.3	Rev. B

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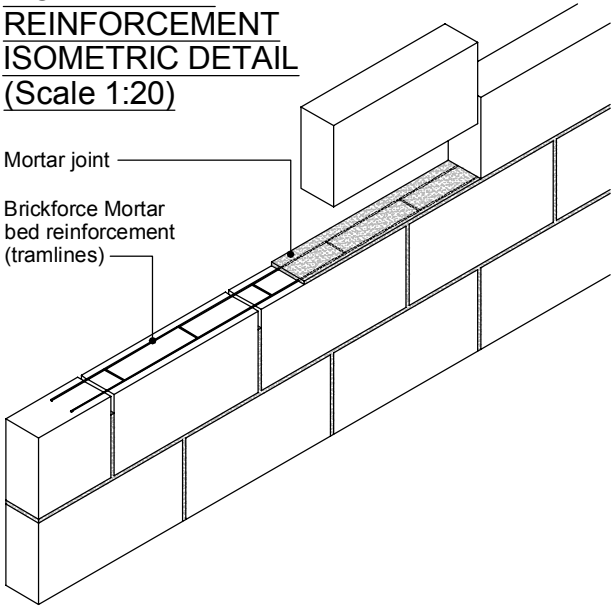
MONOCOUCHE RENDER MESH CLOTH DETAIL ELEVATION (Scale 1:20)



MOVEMENT JOINT DETAIL ELEVATION (Scale 1:20)

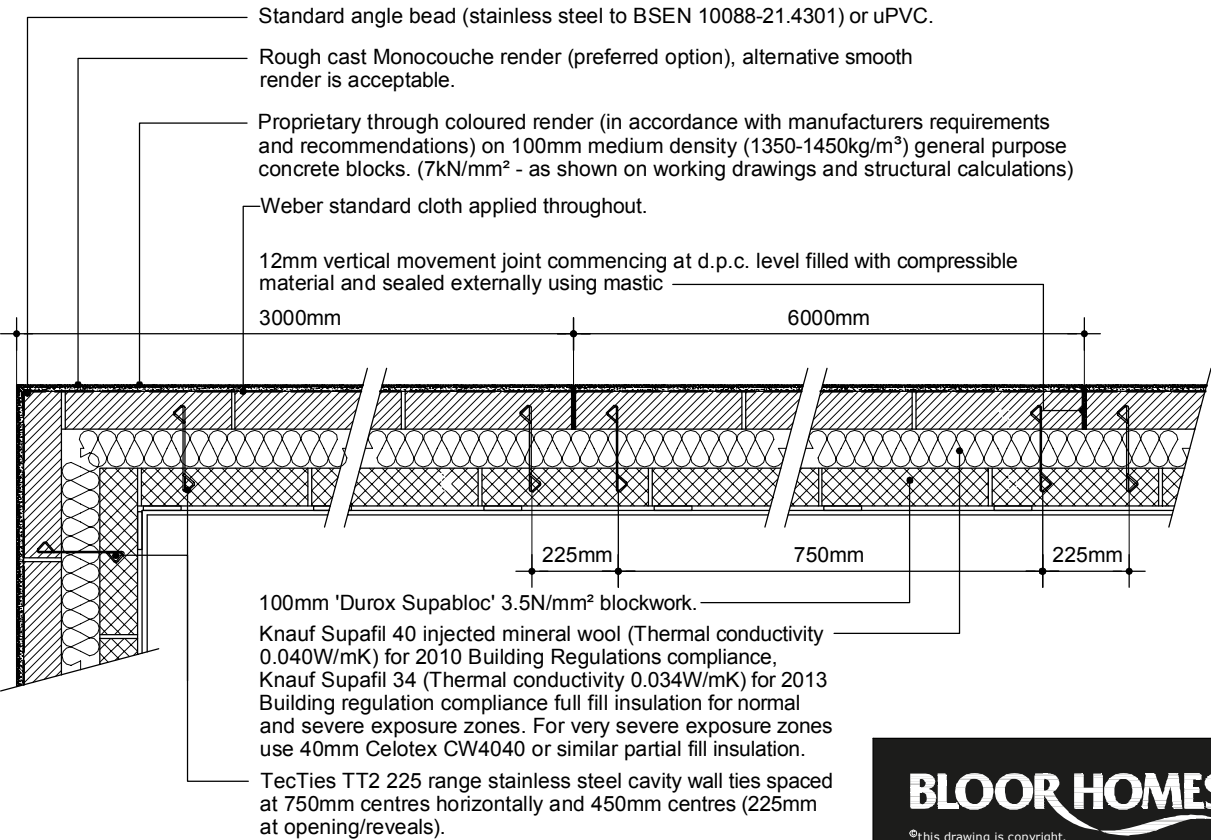


MORTAR BED REINFORCEMENT ISOMETRIC DETAIL (Scale 1:20)



The Brickforce should be installed for the full length between movement joints, panels with windows should be reinforced above and below the openings for the full length of the panel. Using Brickforce is not a substitute for movement joints and only allows for an increase in the movement joint centres, the usual rules still apply for the placing of the joints only that the Brickforce allows for an increase in the joint centres. The above information is solely based on experience and due to the large variation in the types of blocks and bricks used, the methods of restraint, type of exposure etc, engineering judgement should be used. Particular attention should be given to long slender panels and panels with large openings, as these may require special consideration.

MONOCOUCHE RENDER MOVEMENT JOINT DETAIL (Scale 1:20)



Monocouche Render General Notes:

1. All block work laid must be 7kN medium density (1350-1450kg/m³) general purpose concrete blocks.
2. All brickettes used must match the block work. Infilling or coursing with dissimilar blocks should be avoided.
3. Brickforce bed reinforcement (tramlines) must be used every 450mm (two blocks) as standard. An additional layer is to be fitted above and below all openings.
4. Brickforce bed reinforcement is not a substitute for movement joints and only allows for an increase in the movement joint centres. Refer to Monocouche render movement joint detail and site specific structural calculations for movement joint requirements.
5. Weber standard mesh cloth is to be applied throughout.
6. Any block work panels over 6000mm must have movement joints fitted between 1000mm to 3000mm from corners.
7. All plots to be rendered must have temporary guttering socks fitted as soon as the guttering is installed.
8. Where possible blocks used for render must be stored with adequate protection on top.
9. Block work should be laid in regular brick bond and perpendicular joints should not clash.
10. Rough cast Monocouche render (preferred option), alternative smooth render is acceptable.

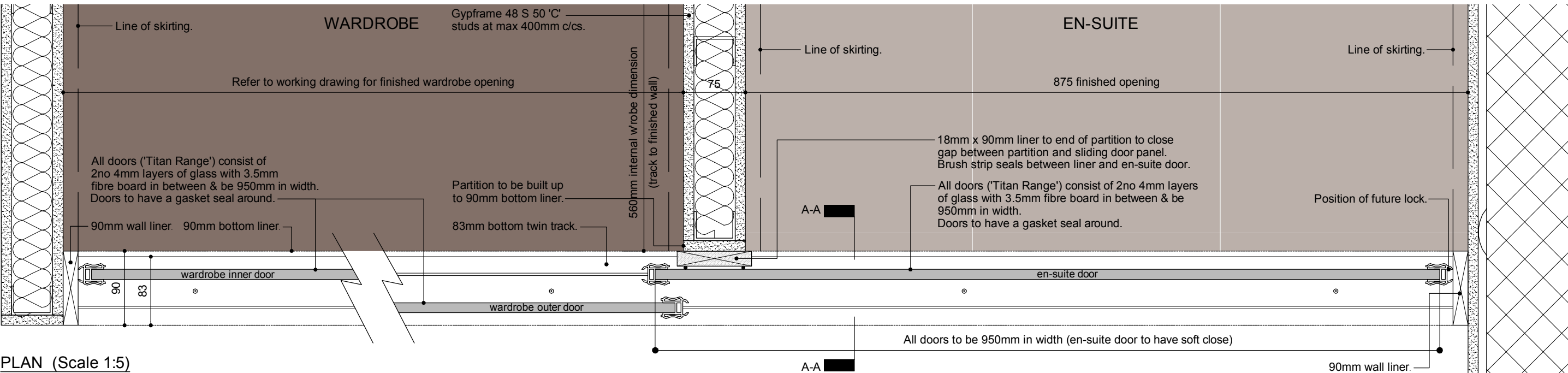
Rev D 17.03.2016 - Cavity wall insulation note amended, drawing title sheet amended.
Rev C 17.03.2016 - Amended to show preferred rough cast Monocouche render. Notation amended to suit.



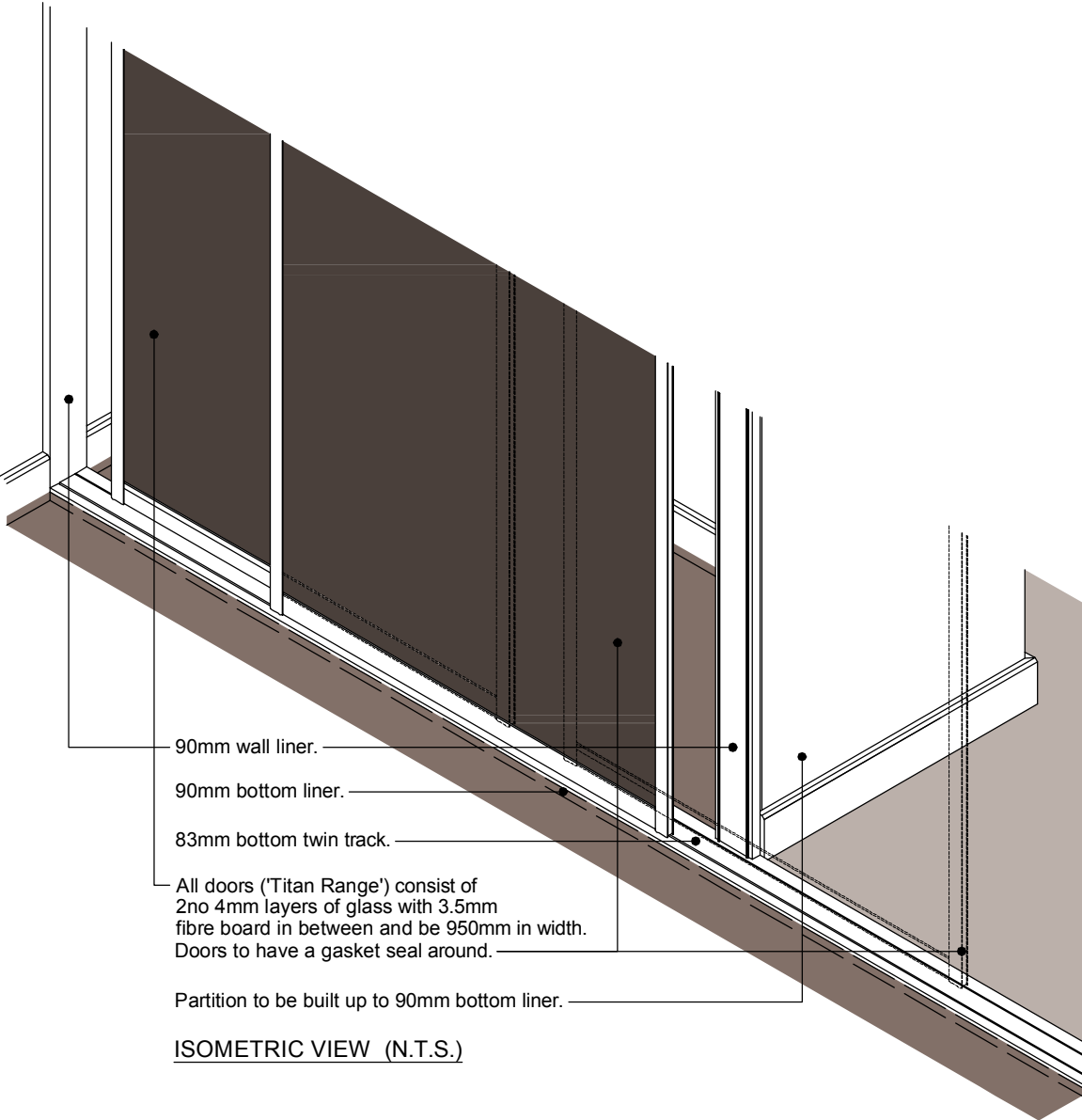
Drawing Title:
Monocouche Render Detail

Date. March 2013	Scale. 1:20 @ A3
Dwg No. CE[13]33	Rev. D

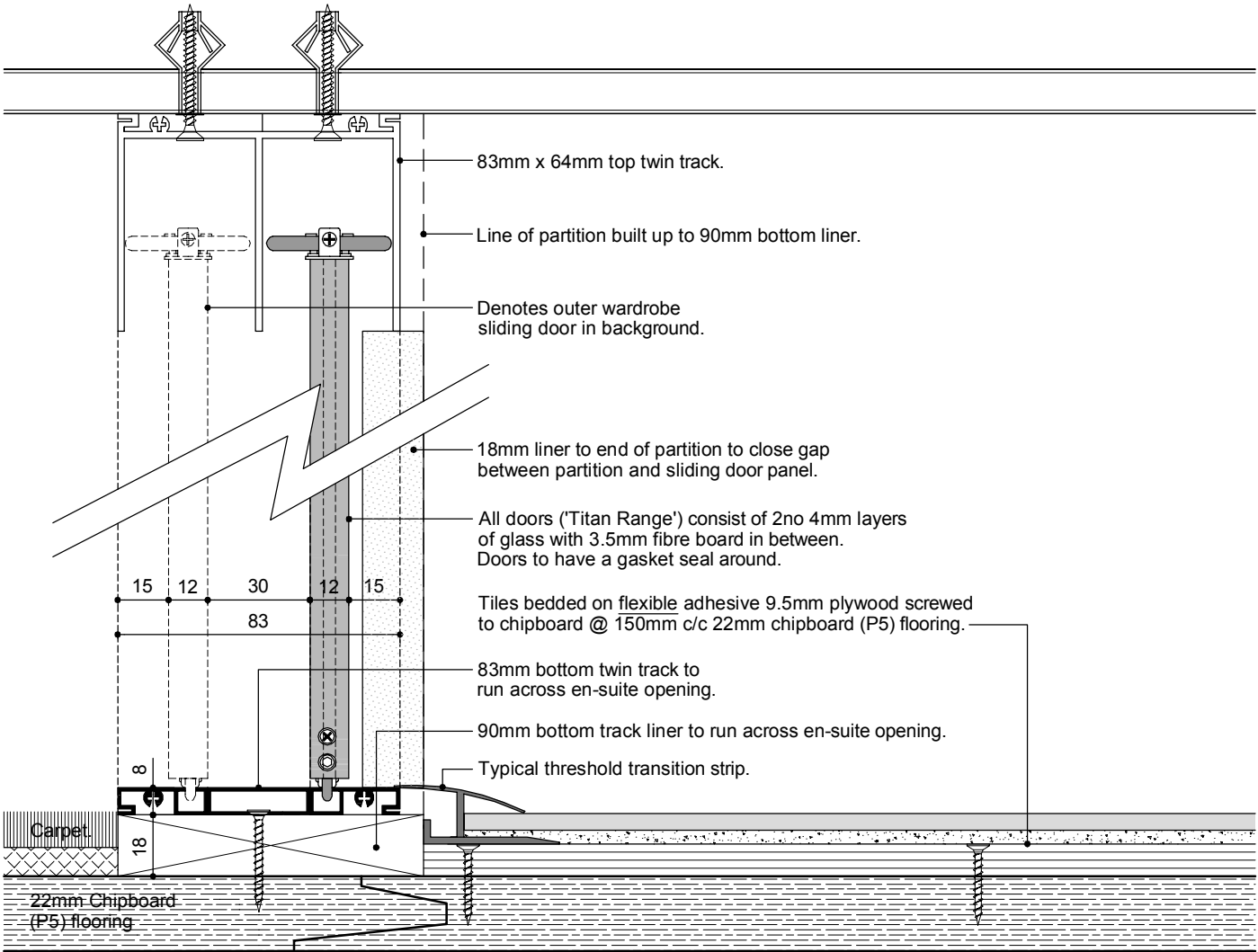
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PLAN (Scale 1:5)

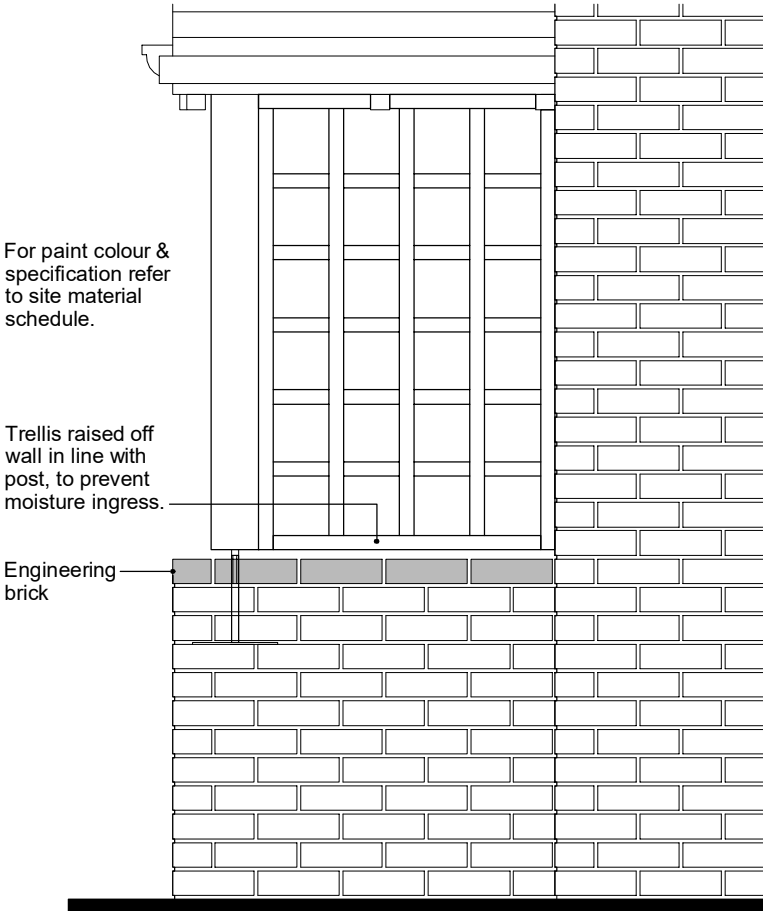


ISOMETRIC VIEW (N.T.S.)

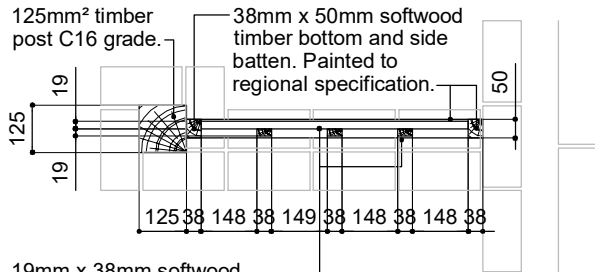


SECTION A-A (Scale 1:2)

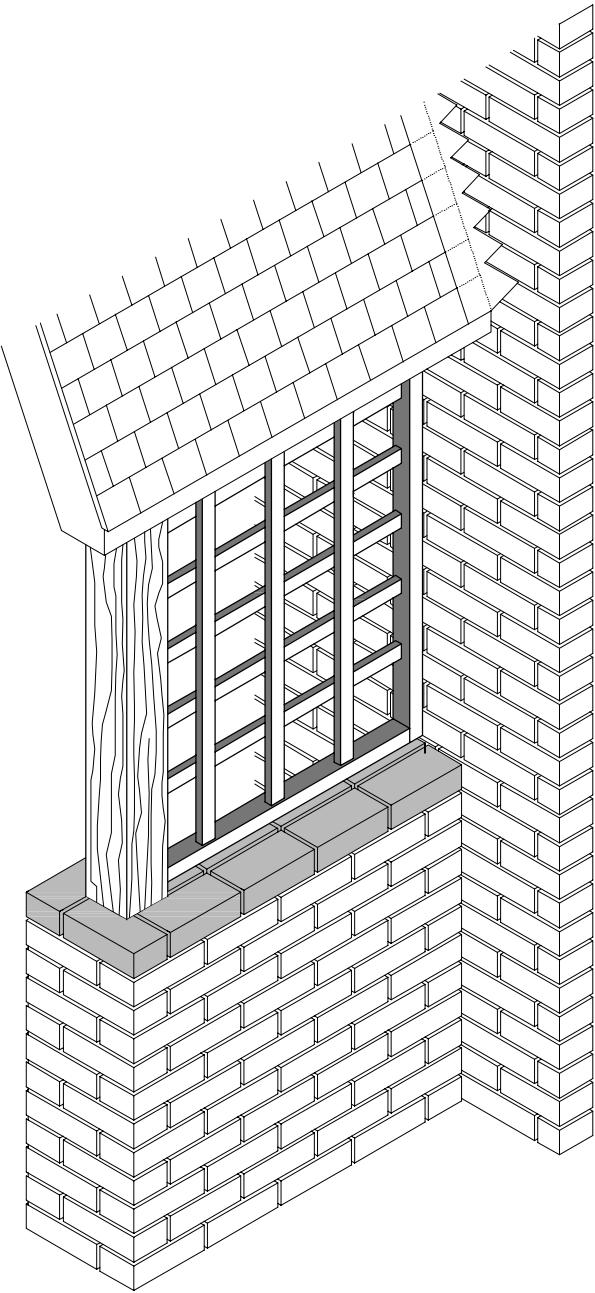
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TRELLIS ELEVATION Scale 1:20



TRELLIS PLAN Scale 1:20



TRELLIS ISOMETRIC Scale 1:20



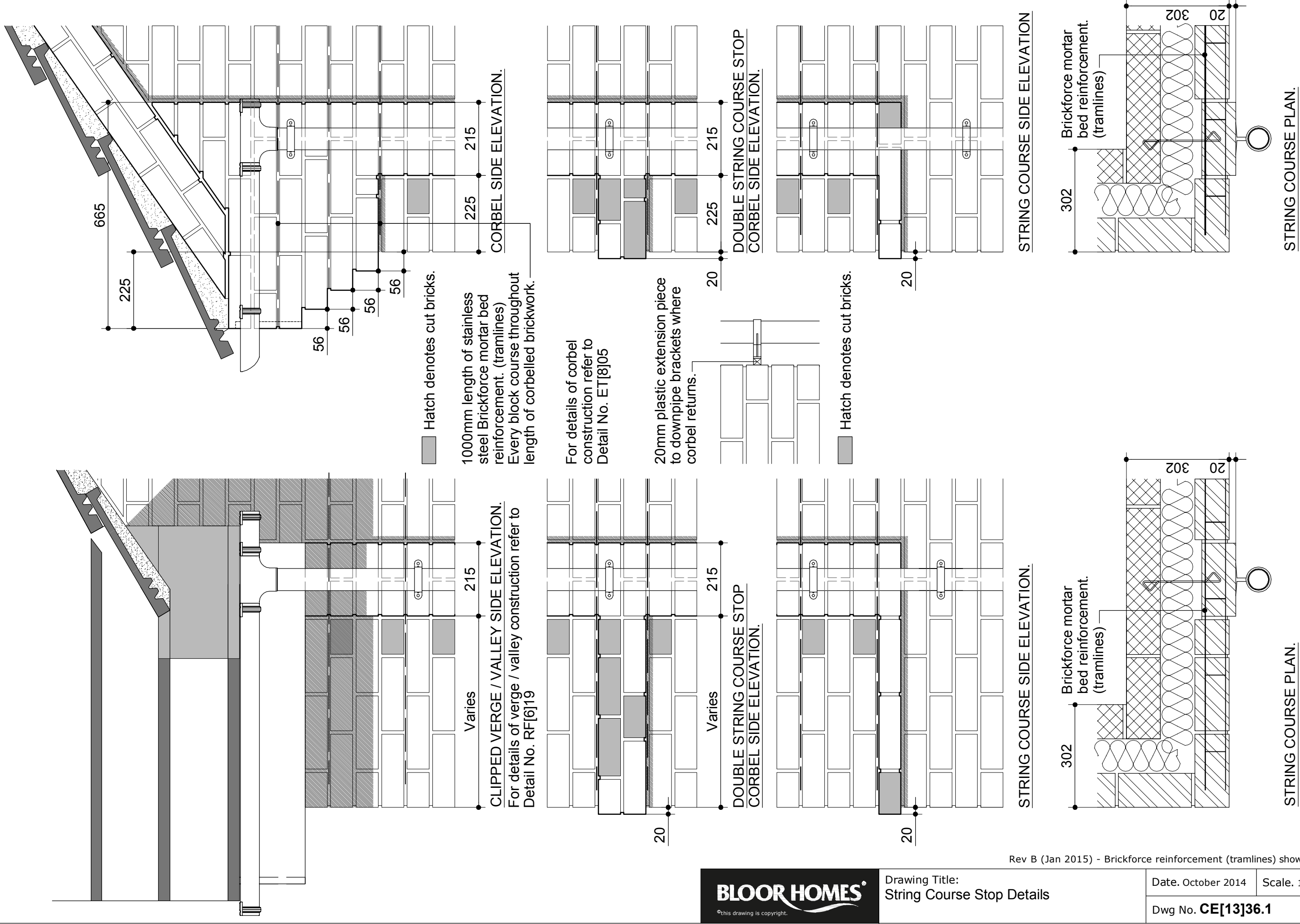
TYPICAL TRELLIS EXAMPLE



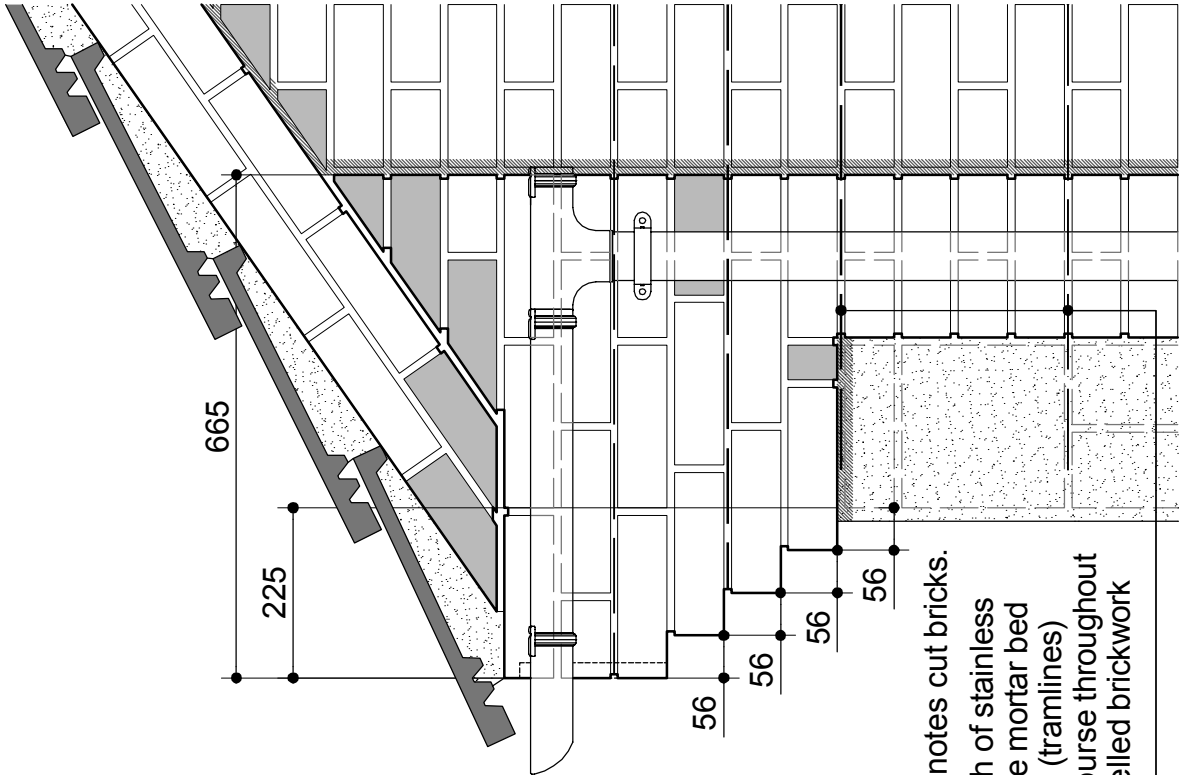
TYPICAL TRELLIS EXAMPLE

Rev D (Nov 2018) - Brick plinth updated to engineering brick.
Rev C (Nov 2014) - Balustrade option removed.

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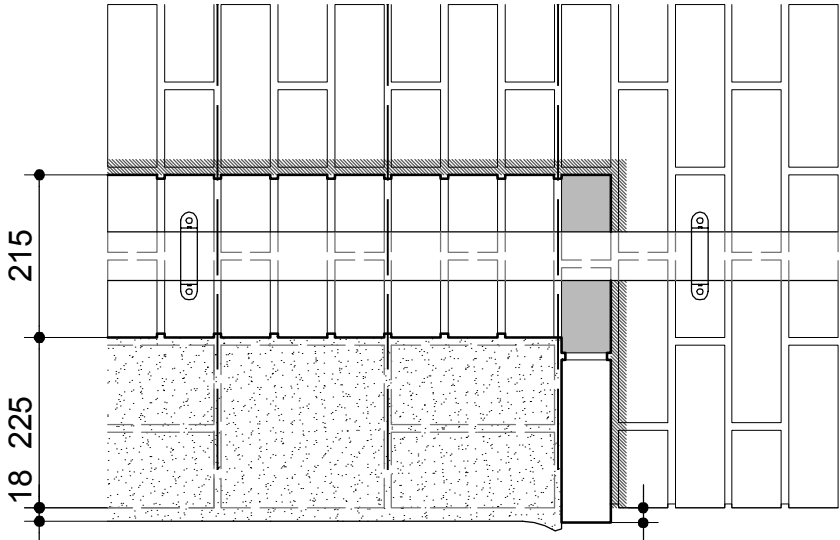
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Hatch denotes cut bricks.
1000mm length of stainless steel Brickforce mortar bed reinforcement. (tramlines)
Every block course throughout length of corbelled brickwork render stop.

RENDER STOP CORBEL SIDE ELEVATION.

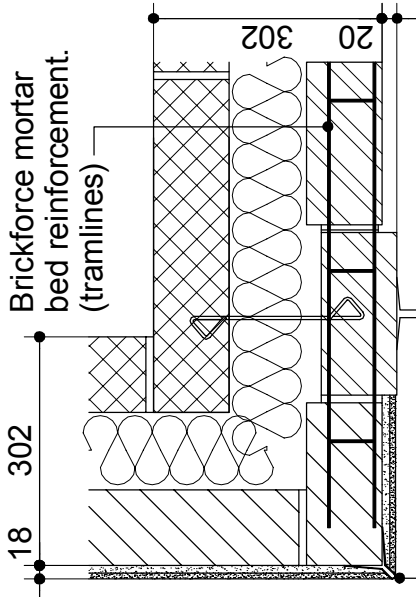
For details of corbel construction refer to Detail No. ET[8]05



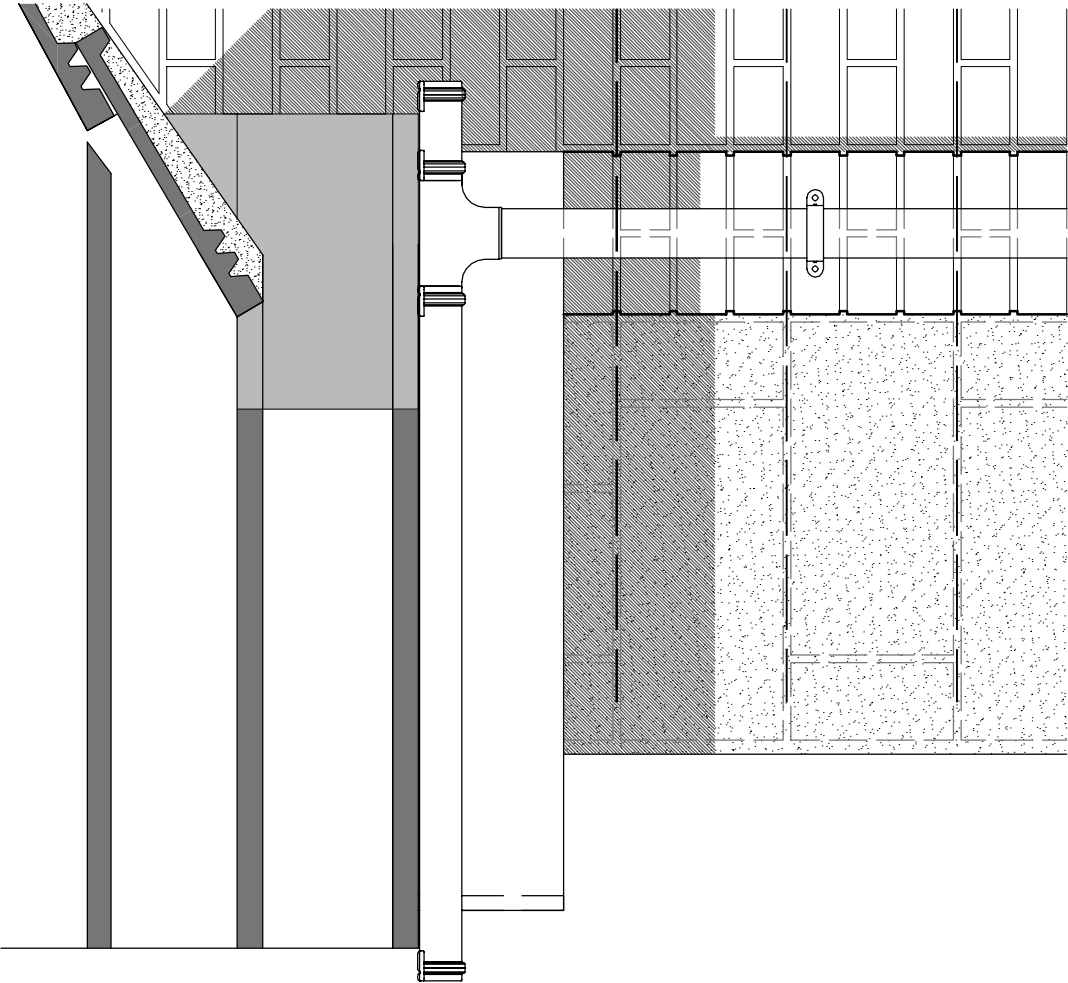
20mm plastic extension piece to downpipe brackets where corbel returns.

Hatch denotes cut bricks.

RENDER STOP STRING COURSE SIDE ELEVATION.

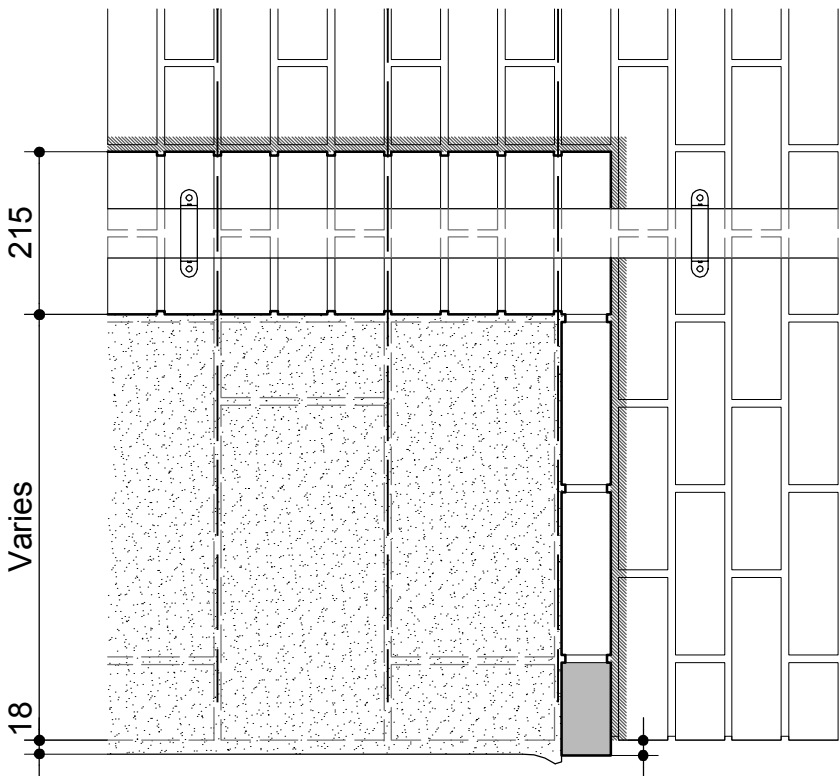


Standard angle bead (stainless steel to BSEN 10088-21.4301) or uPVC.
RENDER STOP STRING COURSE PLAN.

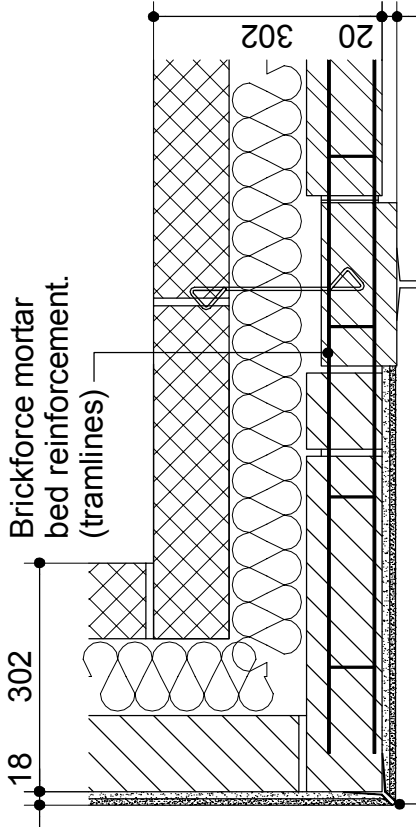


RENDER STOP FOR CLIPPED VERGE / VALLEY SIDE ELEVATION.

For details of verge / valley construction refer to Detail No. RF[6]19



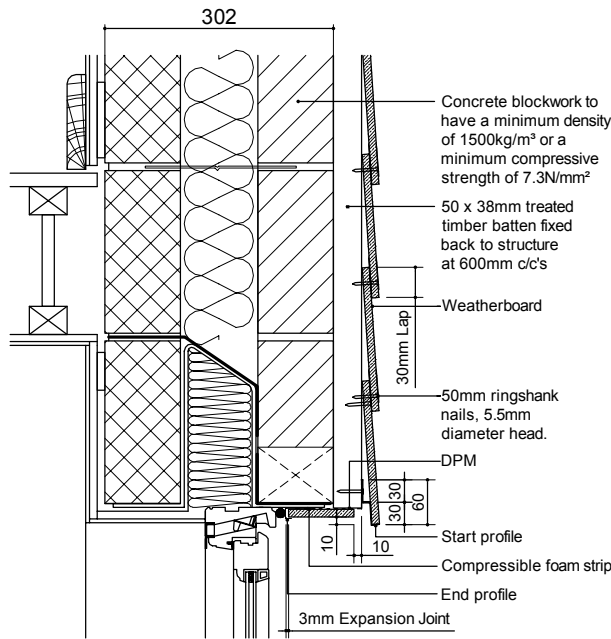
RENDER STOP STRING COURSE SIDE ELEVATION.



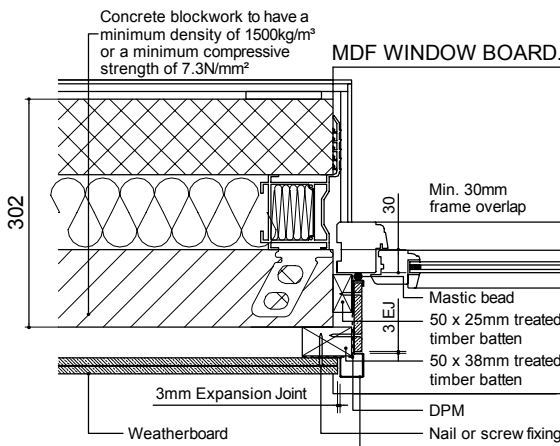
Standard angle bead (stainless steel to BSEN 10088-21.4301) or uPVC.
RENDER STOP STRING COURSE PLAN.

Rev A (Jan 2015) - Brickforce reinforcement (tramlines) shown on drawing.

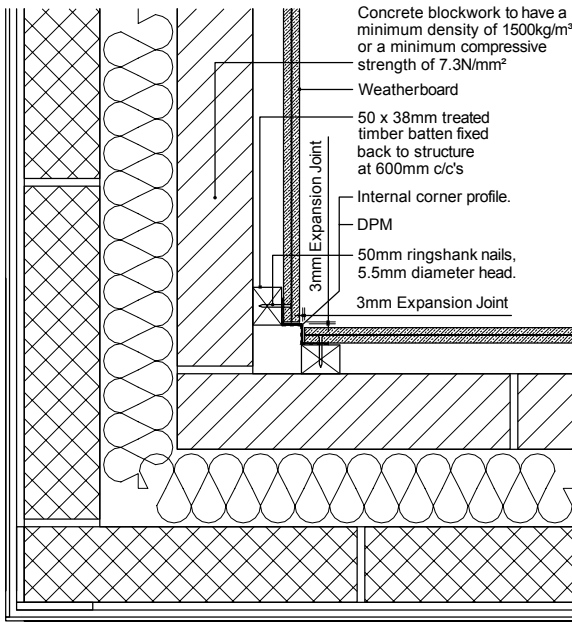
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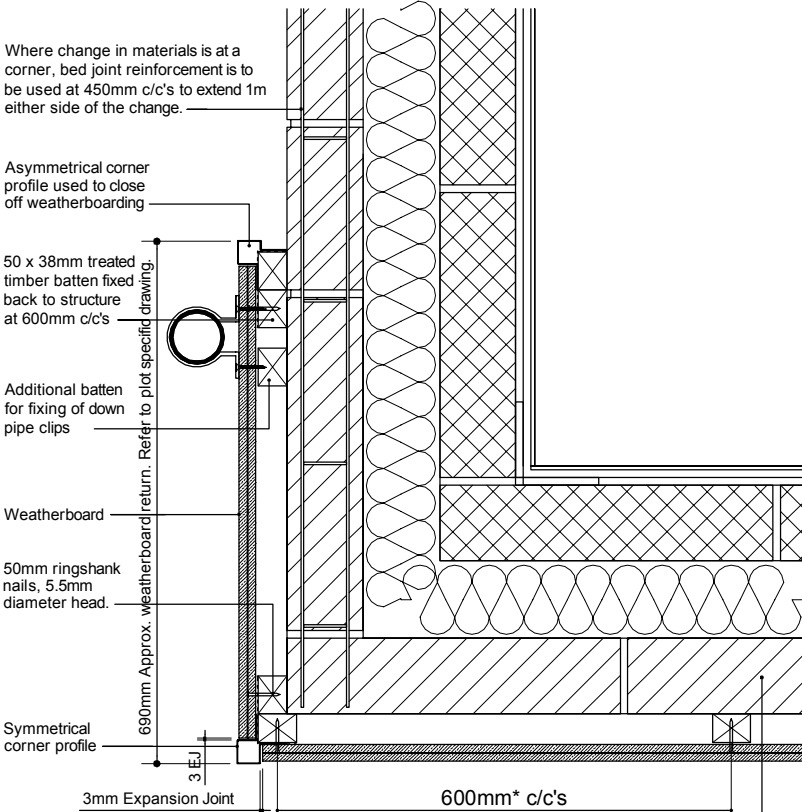
SECTION THRU' WINDOW HEAD
to be read in conjunction with standard detail EW[2]01



SECTION THRU' WINDOW REVEAL
to be read in conjunction with standard detail EW[2]01



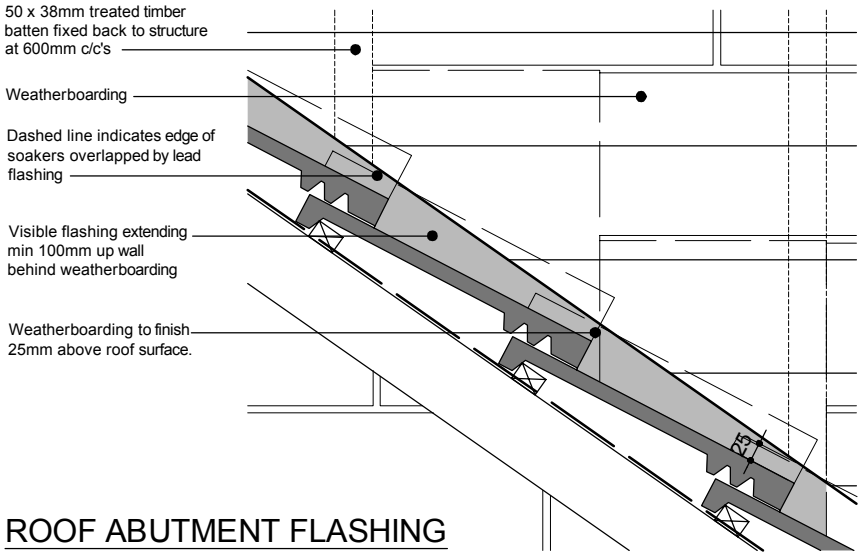
INTERNAL CORNER



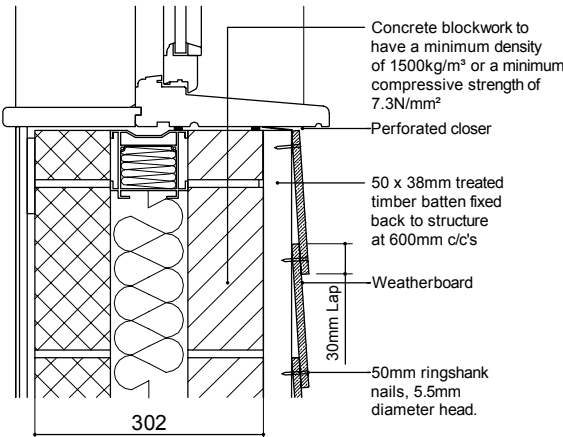
EXTERNAL CORNER & RETURN

REFER TO MARLEY ETERNIT
CEDRAL WEATHERBOARDING
APPLICATION INSTRUCTIONS FOR
FURTHER INFORMATION / DETAILS

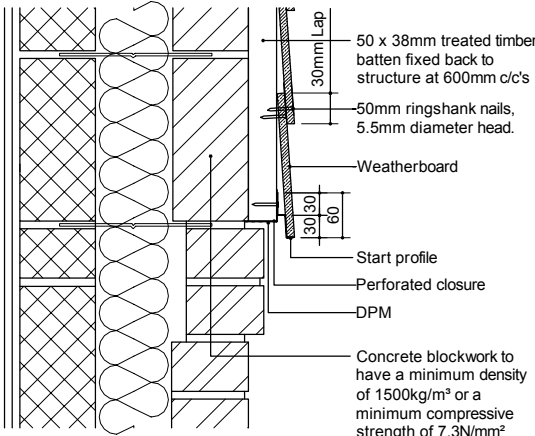
All abutments should be weatherproofed using non-ferrous metal flashings. Lead flashings should be at least Code 4 (colour coded blue), while soakers should be Code 3 (colour coded green). Lead flashing should not exceed 1.5m min length, with laps of not less than 100mm. Cavity trays should be linked to the flashing to prevent water penetrating into an enclosed area where a:Flat or a pitched roof over an enclosed area abuts a wall or a balcony abuts a wall. - See NHBC standards 7.2 Pitched Roofs (f) Abutments.



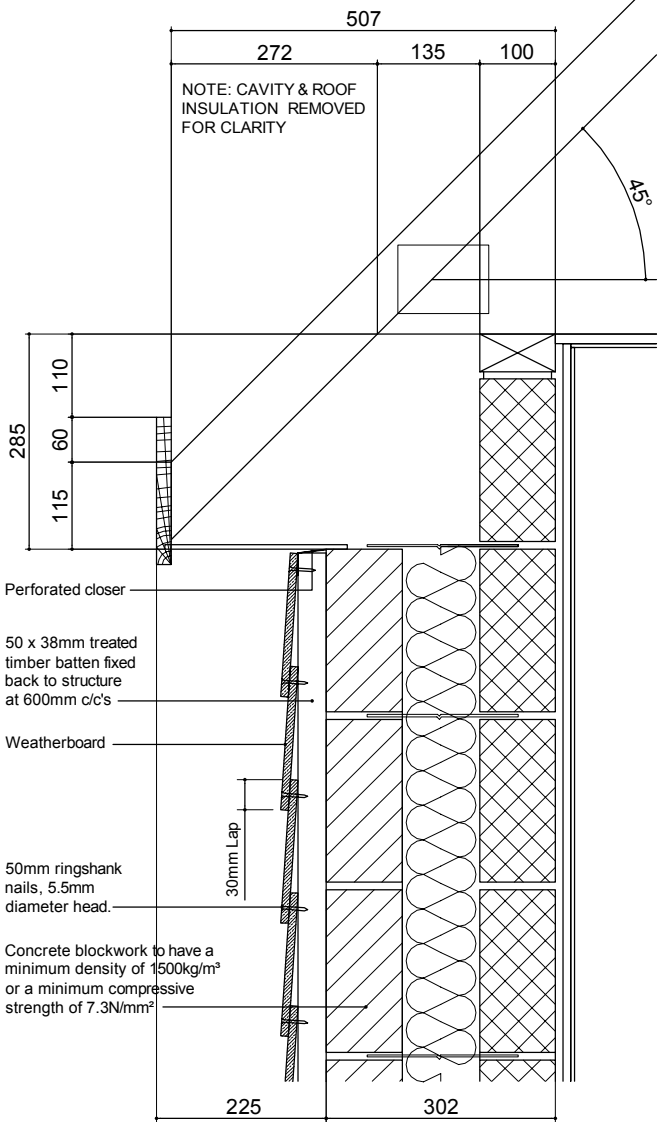
ROOF ABUTMENT FLASHING



SECTION THRU' WINDOW CILL
to be read in conjunction with standard detail EW[2]01



SECTION THRU' STRING COURSE
to be read in conjunction with standard detail CE[13]05



SECTION THRU' EAVES
to be read in conjunction with standard detail RF[06]01

Rev B (Dec 2016) - Bed joint reinforcement added.

