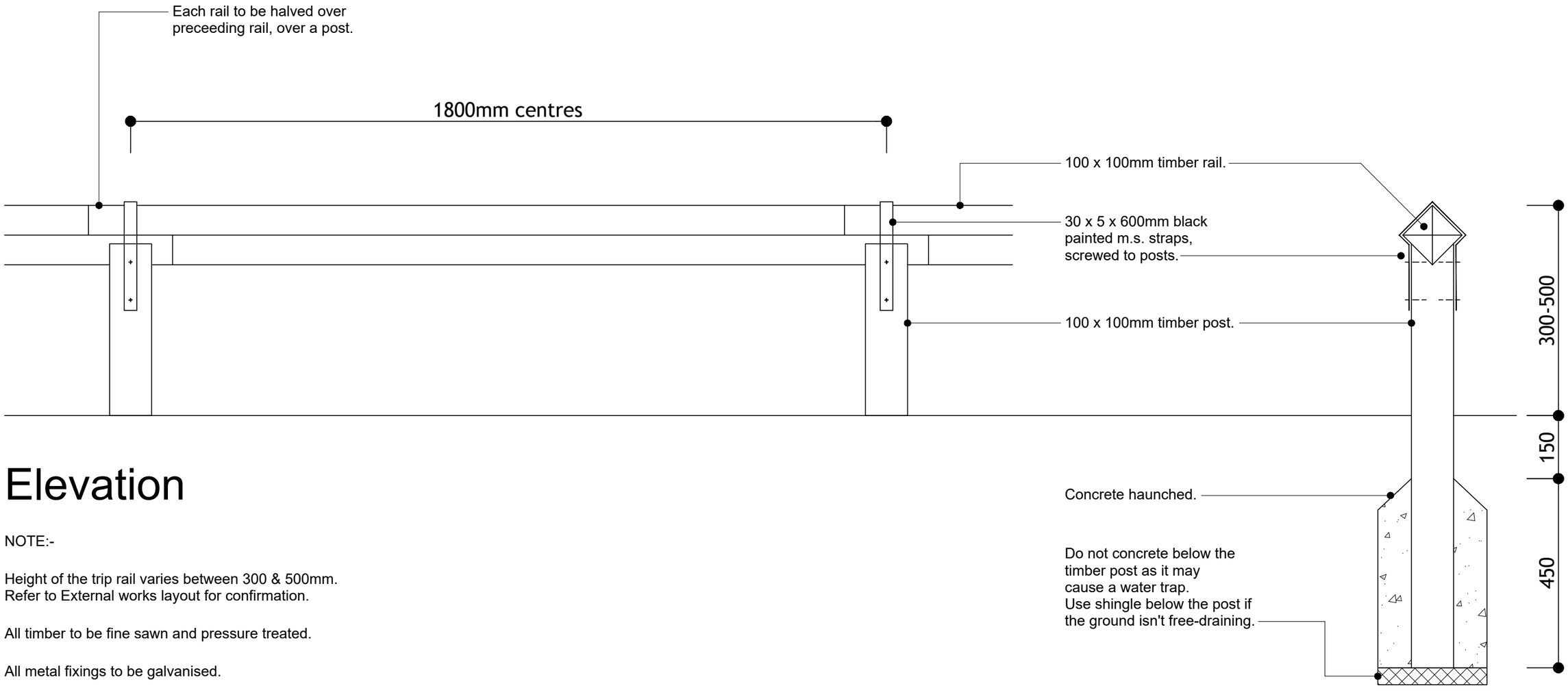
09-123



Elevation

Section

NOTE:-

Height of the trip rail varies between 300 & 500mm. Refer to External works layout for confirmation.

All timber to be fine sawn and pressure treated.

All metal fixings to be galvanised.

Posts to be installed with either a mixture of ballast and cement (6:1) or postfix. Holes to be approximately 300 x 300mm square.

REV	NOTES	DATE	BY/CHK

DO NOT SCALE

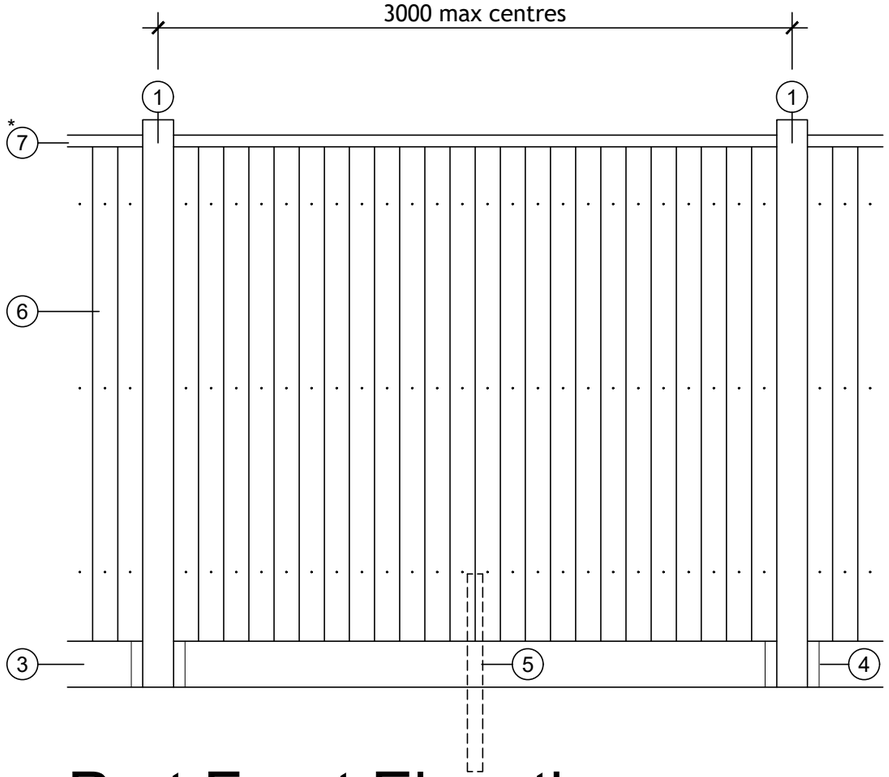
NLC STANDARD DETAIL
TYPICAL TIMBER TRIP RAIL DETAIL

DRAWING NO.	NLC-DET-09-123
SCALE	1:10 @ A3
DATE	28.06.21
DRAWN	MC
CHECK	IM

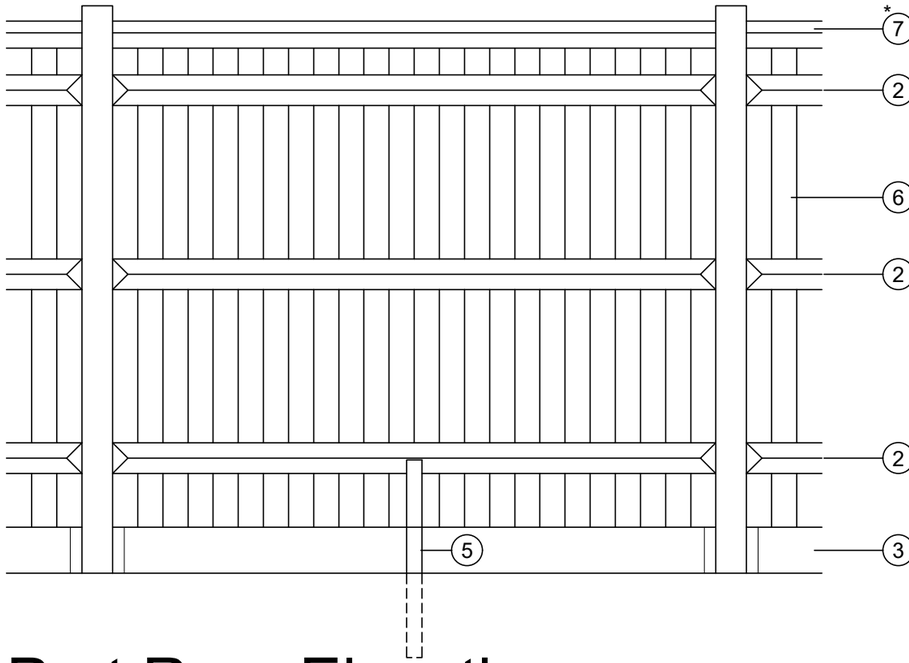
tiliahomes.co.uk

TILIA HOMES

09-121

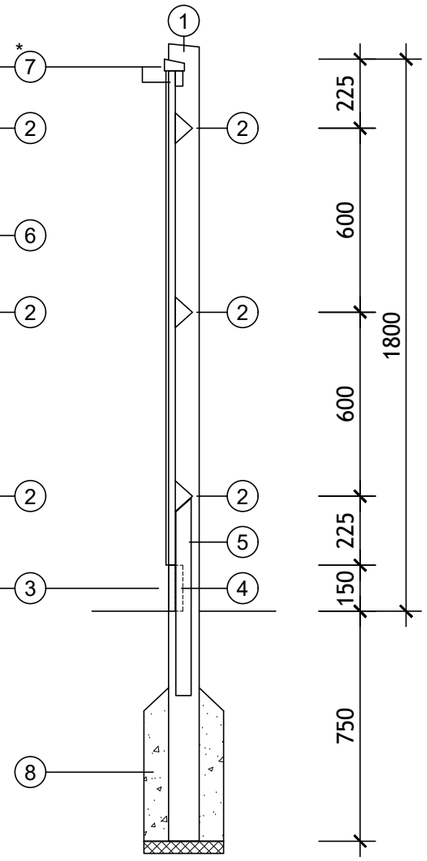


Part Front Elevation

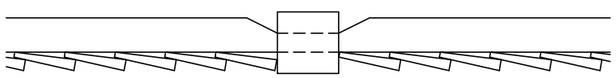


Part Rear Elevation

* Capping piece and counter rail optional.



Section



Part Plan (1:10 scale)

NOTES:

1. 100 x 100mm sw posts at 3000mm max. centres.
   Each post morticed to take 3No. arris rails.
2. 75 x 75mm sw arris rails, shaped to fit a mortice
   and bolted through posts with 8mm bolts.
3. 150 x 22mm timber gravel board to protect fence ends
   (recommended but not essential).
   Gravel board to be flush with front of post.
4. 150 x 50 x 25mm sw cleat, fixed to timber posts
   for nailing of timber gravel board to.
5. 50 x 50 x 600mm timber stub as a mid support.
   Attached to the gravel board with a coach screw &
   washer and the lower arris rail, for rigidity.
6. Sawn feather edged sw boards fitted with tops aligned.
   Boards are 1650mm high (1800mm if no gravel board)
   and 100mm wide. Spacing is approximately 12No.
   per meter with an 18mm overlap. Fix to each arris
   rail with 50 x 2.65mm galvanised nails.
7. 65 x 38mm sw capping piece, on a 50 x 32mm counter rail.
8. Fence post to be set 750mm into the ground for
   1800mm high fencing (recommended depth).
   Posts to be installed with either a mixture of ballast
   and cement (6:1) or postfix. Holes to be a minimum
   200 x 200mm wide (twice post size).
   Do not concrete below the post as it may cause a water trap.
   Use shingle below the post if the ground isn't free-draining.

Ensure all timbers are pressure treated and the fencing
conforms to BS 1722: 5: 2006.

REV	NOTES	DATE	BY/CHK

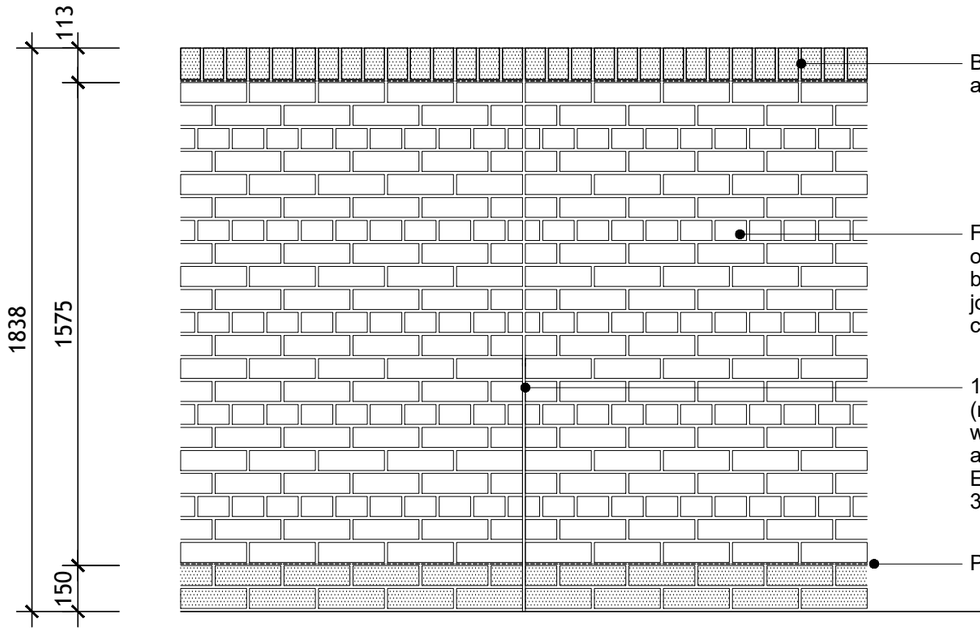
DO NOT SCALE

NLC STANDARD DETAIL
TYPICAL 1800mm HIGH CLOSE BOARDED
FENCE WITH TIMBER POSTS

DRAWING NO.	NLC-DET-09-121
SCALE	1:10,1:20 @ A3
DATE	28.06.21
DRAWN	MC
CHECK	IM

tiliahomes.co.uk

TILIA HOMES



Brick on edge engineering bricks as coping with a high bond dpc below.

Facing brickwork*, with a min. density of 1200kg/m.sq, in English bond with bucket handle or weatherstruck mortar joints (never recessed) and M6 (ii) class mortar.

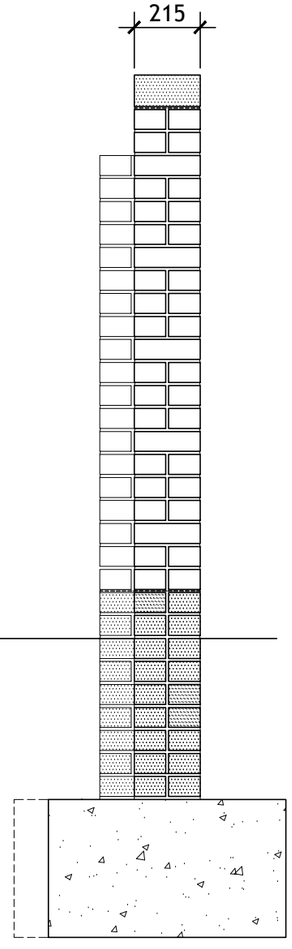
10mm expansion joint at 6.000m cts (refer to engineers recommendations) with a flexible cellular polyethylene and a Hybrid Polymer pointing. Expansion joints required at 3.000m cts on copings.

Polymer sheet dpc.

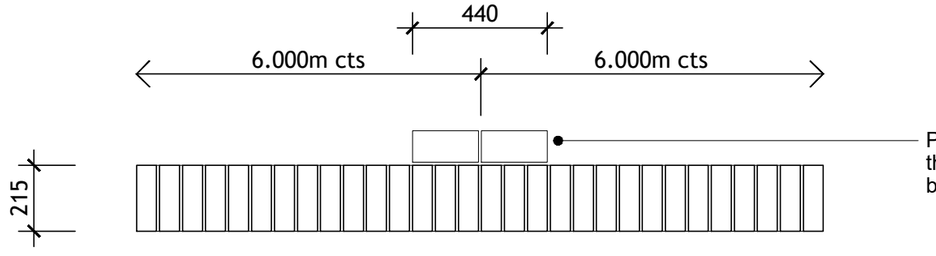
Bricks below dpc to be engineering with a frost/sulphate resistance of F2/S2 and less than 7% absorption, with an M12 (i) class mortar.

C20 min. concrete foundation, to Engineers design. Foundation shown indicative only.

Elevation



Section



Piers usually to be provided at the wall ends and as designed by the Structural Engineer.

Plan

NOTES:

At changes of direction, external and internal shaped angled bricks to be used. cut and bonded bricks.

Where present, angles greater than 90 deg. are to be formed using cut and bonded bricks.

Mortar -

Designation M12 (i) =	Designation M6 (ii) =
1 part Portland Cement	1 part Portland Cement
1/4 part Lime	1/2 part Lime
3 parts Sand	4 1/2 parts Sand

Bricks* -
A brick of F2 designation should be used throughout the wall but F1 types are acceptable in more sheltered locations.

REV	NOTES	DATE	BY/CHK

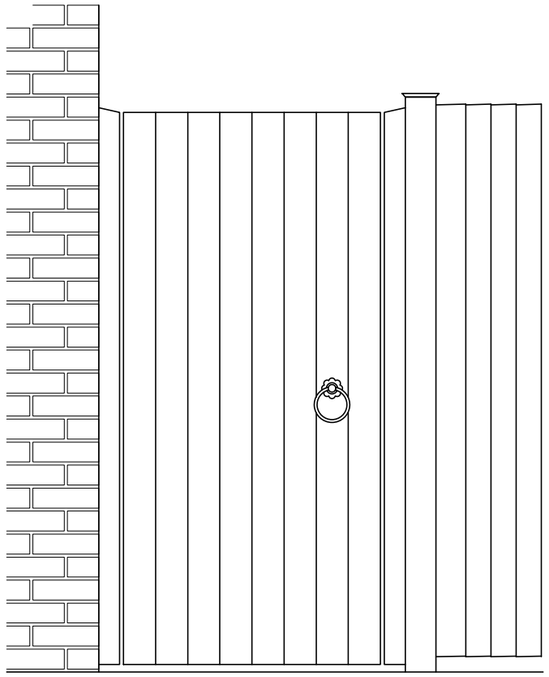
DO NOT SCALE

NLC STANDARD DETAIL
TYPICAL 1800mm SCREEN WALL WITH
BRICK ON EDGE COPING

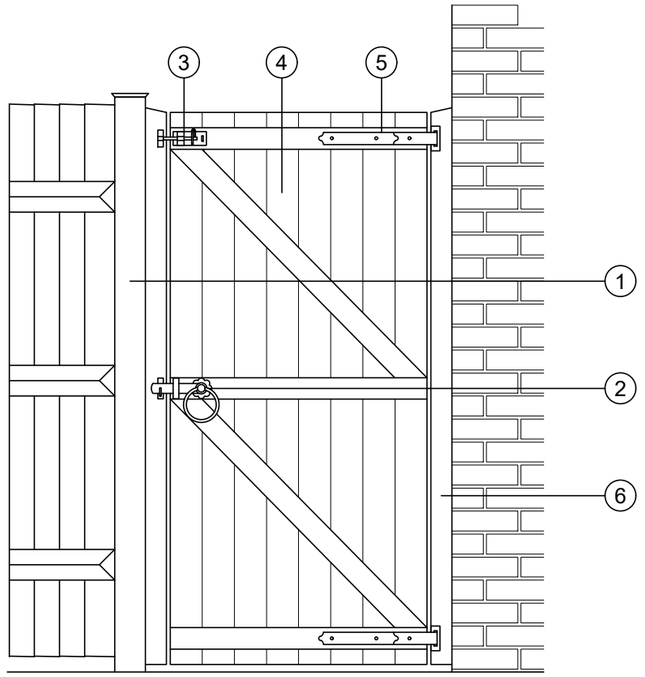
DRAWING NO.	NLC-DET-09-111
SCALE	1:20 @ A3
DATE	29.06.21
DRAWN	MC
CHECK	IM

tiliahomes.co.uk

TILIA HOMES



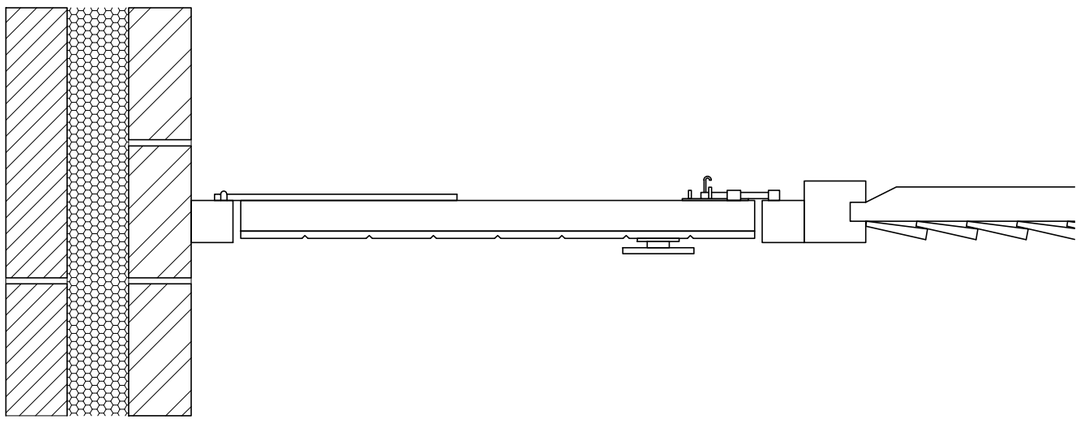
Part Front Elevation



Part Rear Elevation

NOTES:

1. 100 x 100mm sw posts at 1930mm centres. Cap fixed to top of post with a screw.
2. 250mm long heavy duty 'Brenton Bolt' with galvanised finish and heavy duty padlock.
3. Heavy duty Barrack Latch with galvanised finish.
4. Framed ledged and braced softwood door. Timber to be treated as fencing. 100 x 100mm ledges, 100 x 25mm bracing.
5. Pair 300mm hook and band hinges from 2.5mm gauge steel with galvanised finish and sheradised screw fixings.
6. 69 x 69mm finished size softwood gate posts with 44 x 25mm rebate as door stop. Top faces weathered. Posts bolted to brickwork with 4 No 10 x 100mm expanding bolts with washers. Bolt heads to be recessed.



Part Plan (1:10 scale)

REV	NOTES	DATE	BY/CHK

DO NOT SCALE

NLC STANDARD DETAIL
TYPICAL TIMBER LEDGED AND BRACED GATE DETAIL

DRAWING NO.	NLC-DET-09-130
SCALE	1:10 @ A3
DATE	16.09.21
DRAWN	MC
CHECK	IM

tiliahomes.co.uk

TILIA HOMES