

- 1. Main Tees:**
  - Product: Donn T38 FR QRC Main Tee.
  - Main tees shall be spaced at 1200mm centres.
- 2. Cross Tees:**
  - Product: Donn QRC T38V Cross Tee.
  - Cross tees shall be spaced at 600mm centres.
- 3. Suspension:**
  - Product: Donn pre-stretched galvanised hanger wire 2.5mm or Donn Hanger strap 19mm.
  - Suspend Donn T38 FR QRC main tees using Donn pre-stretched galvanised hanger wire 2.5mm at 1200mm centres, the wire should be wound 3 times around itself at the main tee or Donn Hanger strap 19mm at 1200mm centres, fix hangers to the main tees using 2 steel pop- rivets or 1 Gyproc Wafer head tek screw.
  - Main tee to be suitably fixed to the wall using "angle cleats".
  - Donn pre-stretched galvanised hanger wire 2.5mm or Donn Hanger strap 19mm shall be suitably suspended from structural members of the building.
  - Install Donn QRC T38V cross tees at 600mm centres.
- 5. Wall Angle:**
  - Product: Donn SM25 or Donn M6 wall angle.
  - Fix wall angle to the wall using fixings at 300mm centres.
  - Fix Donn T38 FR QRC main tees to the perimeter angle.
- 6. Ceiling Tile:**
  - Product: "Gyprex Frost White Fissured Tiles".
  - Size: 1195 x595mm.
  - Thickness: 12.5mm.
- 7. Accessories:**
  - Product: Hold down clips, in areas susceptible to draught.
  - Hold down clips shall be installed on the ceiling. 2 per Cross Tee.

**8. Insulation**

- Where required, for improved thermal and acoustic performance, lay Isover insulation onto the ceiling.
- Thickness= 100mm/115mm/135mm (according to climatic zone, see table below.)

SANS 10400XA and SANS 204 requirements for ceiling insulation.

Climatic zone	1	2	3	4	5	6
Isover Aerolite thickness (mm)	<b>135</b>	<b>115</b>	<b>100</b>	<b>135</b>	<b>100</b>	<b>135</b>
R-value of Aerolite	3.38	2.88	2.5	3.38	2.5	3.38
Min. required total R-value	3.7	3.2	2.7	3.7	2.7	3.5

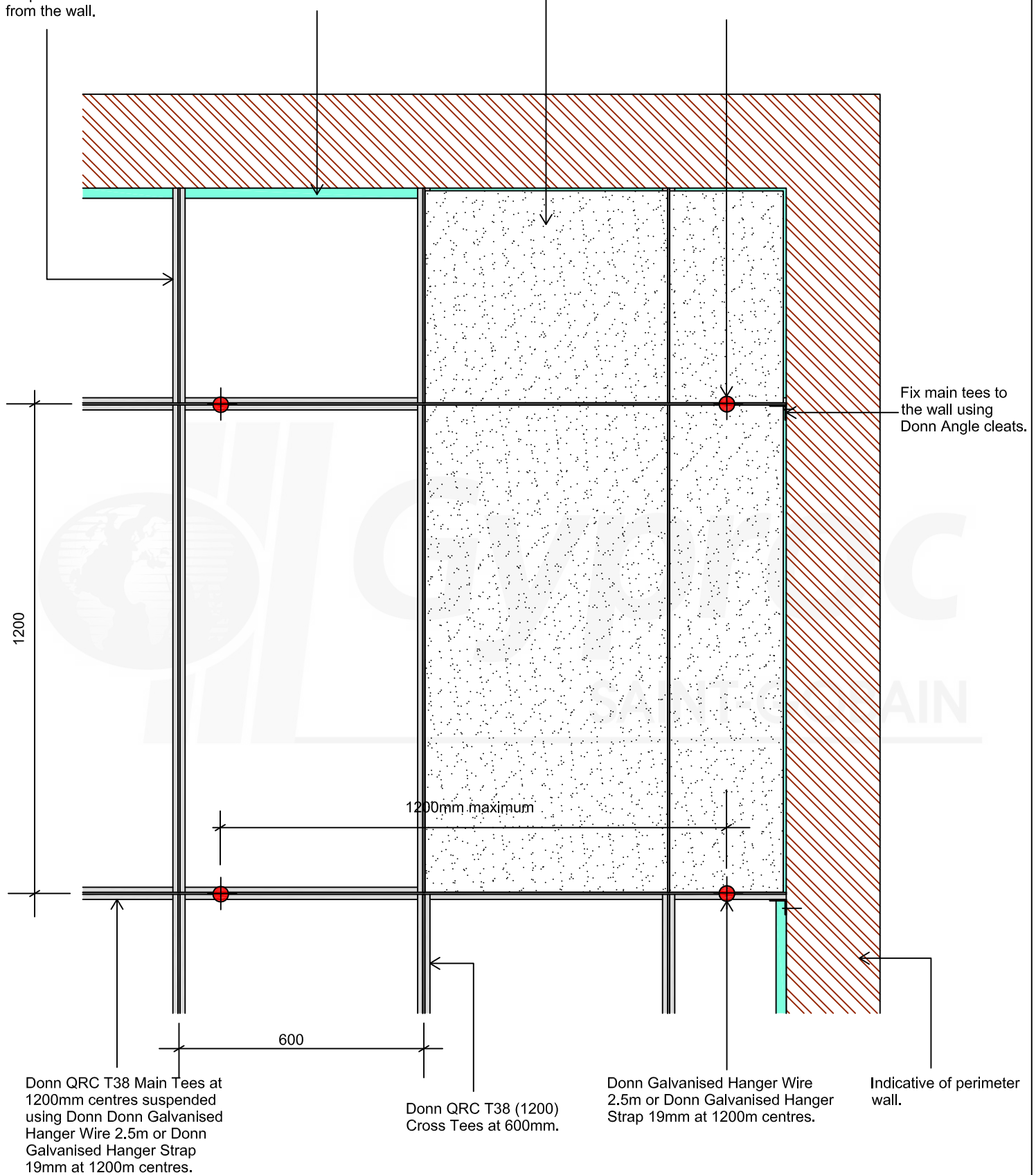
NB-To be read in conjunction with Lay-in Grid Finishing and Fixings document and General Ceiling Design Guidelines document.

Cross tees more than 600mm should be suspended at 400mm from the wall.

Donn SM25 wall angle or Donn M6 wall angle fixed to the wall at 300mm centres.

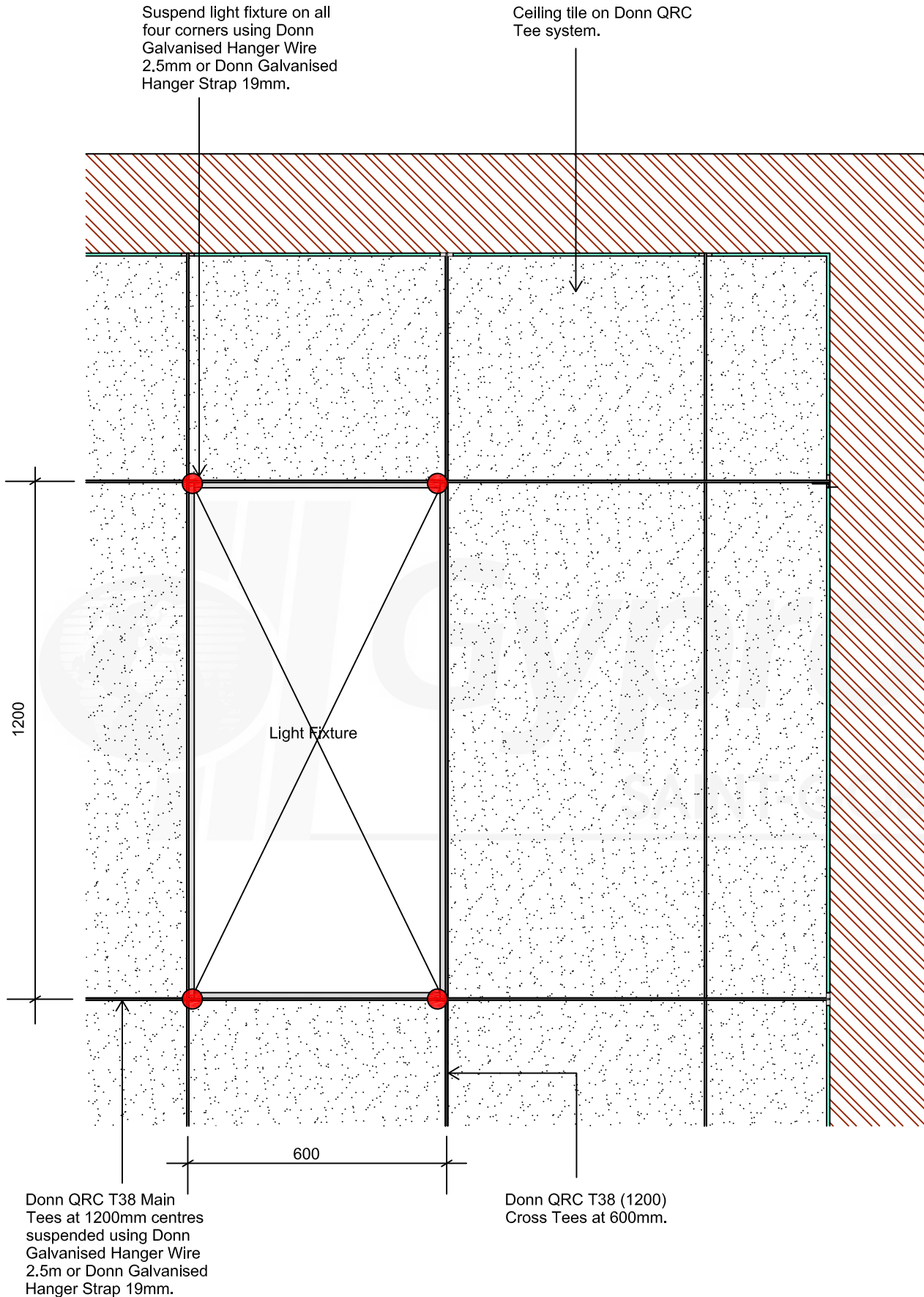
Ceiling tile on Donn QRC Tee system.

Main tees suspension should not be more than 400mm from the wall and at 1200mm centres thereafter.



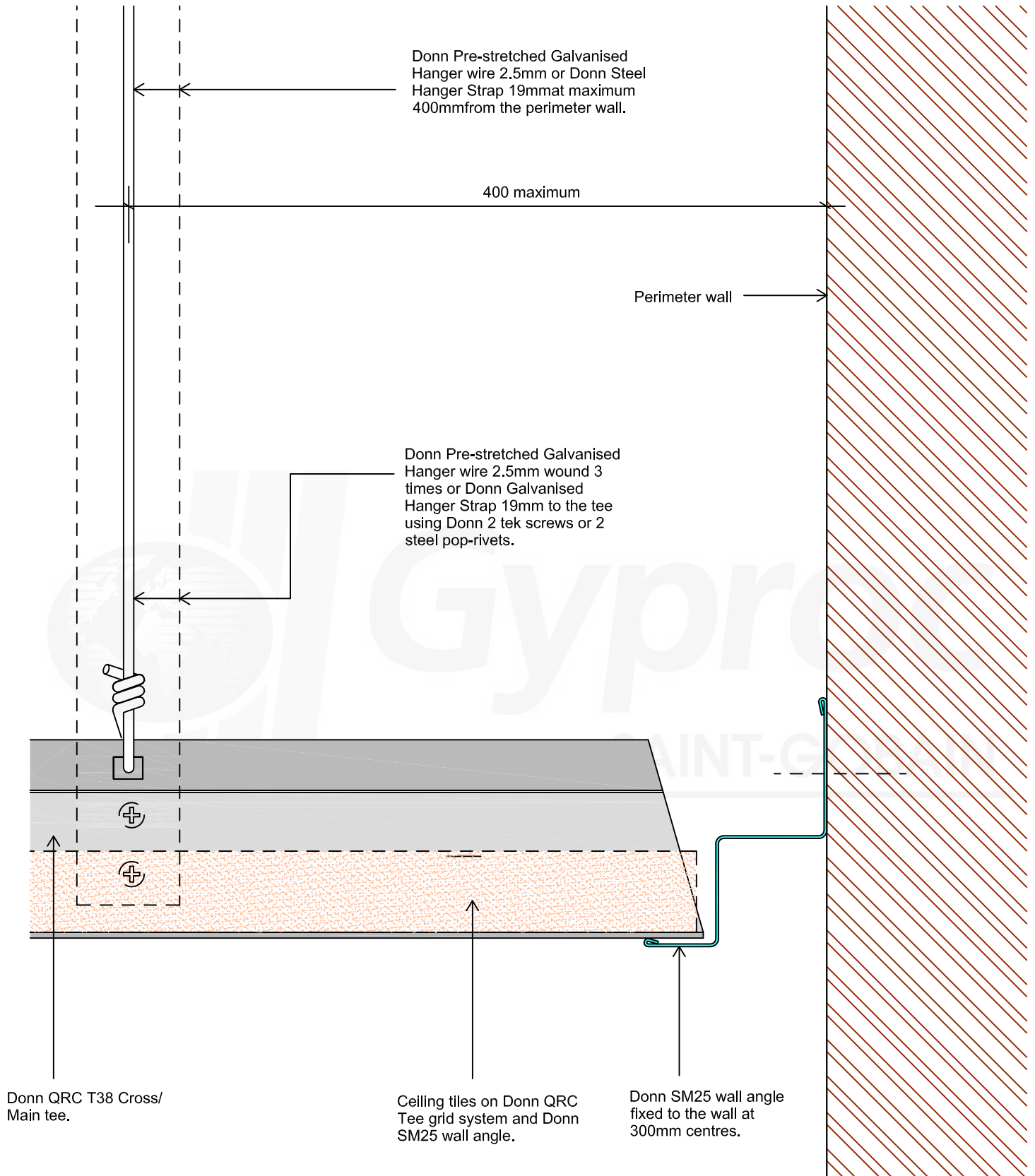
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<b>DRAWING NO.</b>	<b>DC-1200(T38)GRID_LAYOUT-2</b>	
<b>NOTES</b>	To be read in conjunction with project specifications	
<b>SCALE</b>	not to scale	



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<b>DRAWING NO.</b>	<b>DC-1200GRID_LIGHT_FIXTURE-1</b>	
<b>NOTES</b>	To be read in conjunction with project specifications	
<b>SCALE</b>	not to scale	



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**DRAWING NO.**

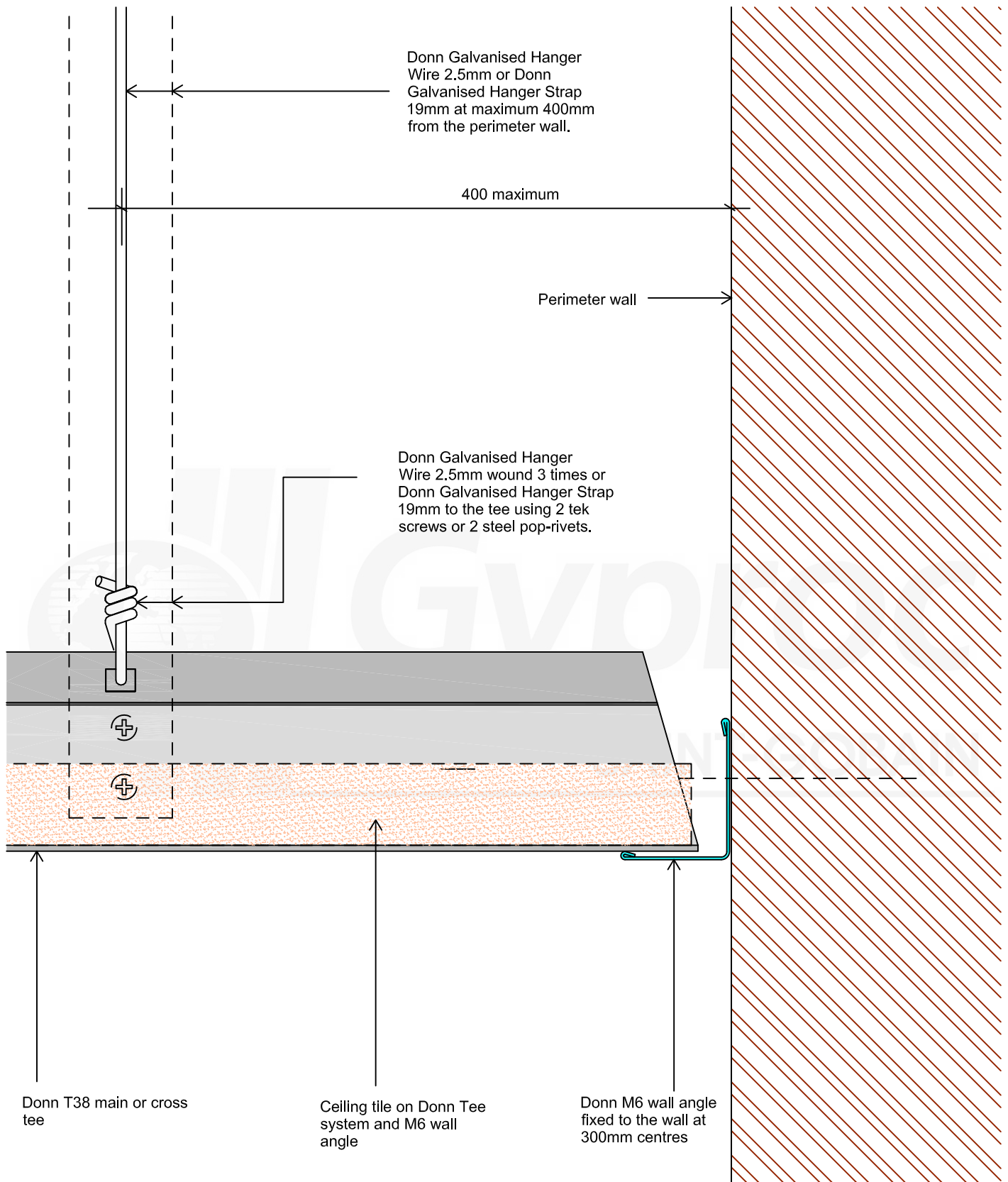
**DC-SM25\_PERIM-2**

**NOTES**

To be read in conjunction with project specifications

**SCALE**

**not to scale**



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**DRAWING NO.**

**DC-M6\_PERIM-2**

**NOTES**

To be read in conjunction with project specifications

**SCALE**

**not to scale**