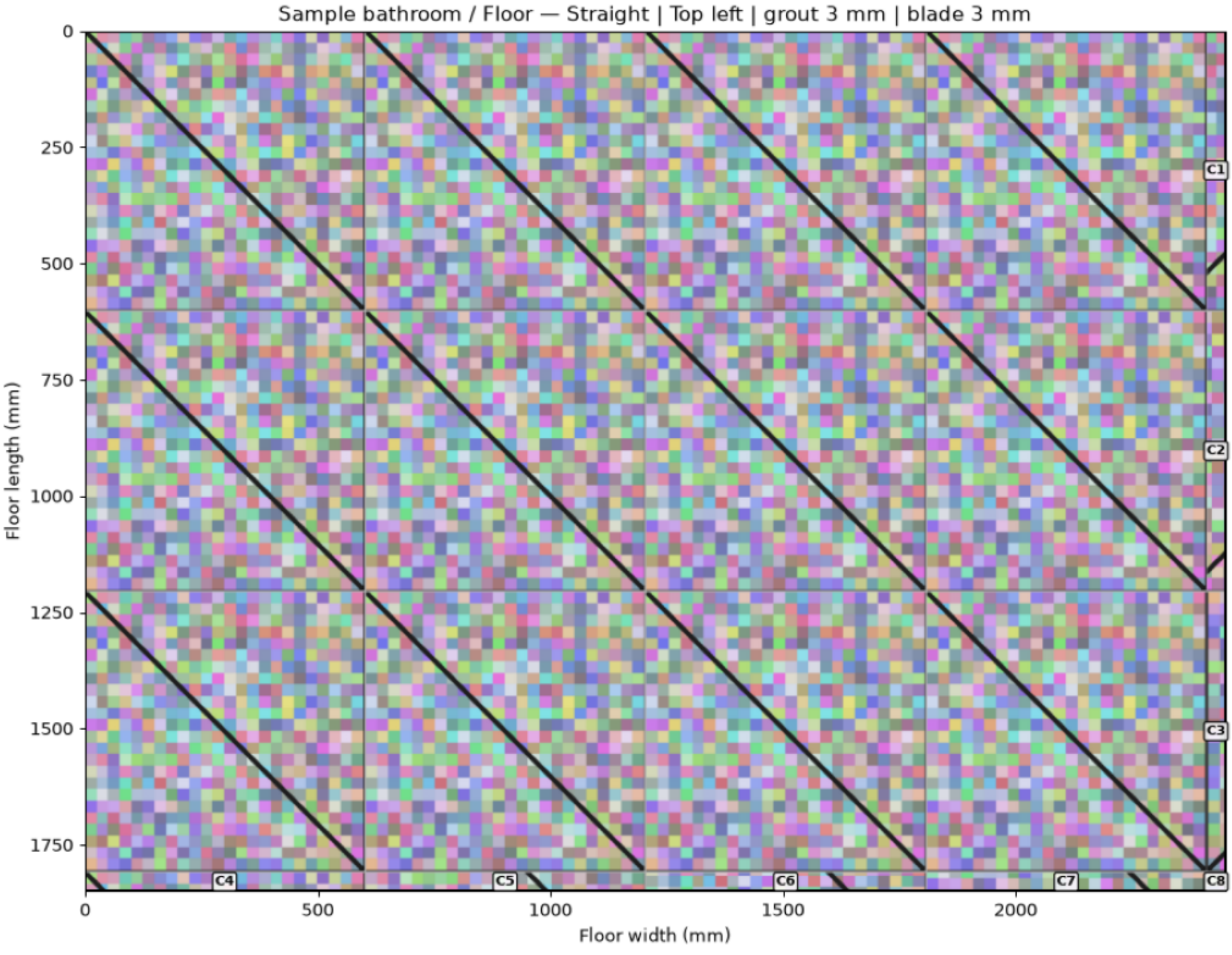
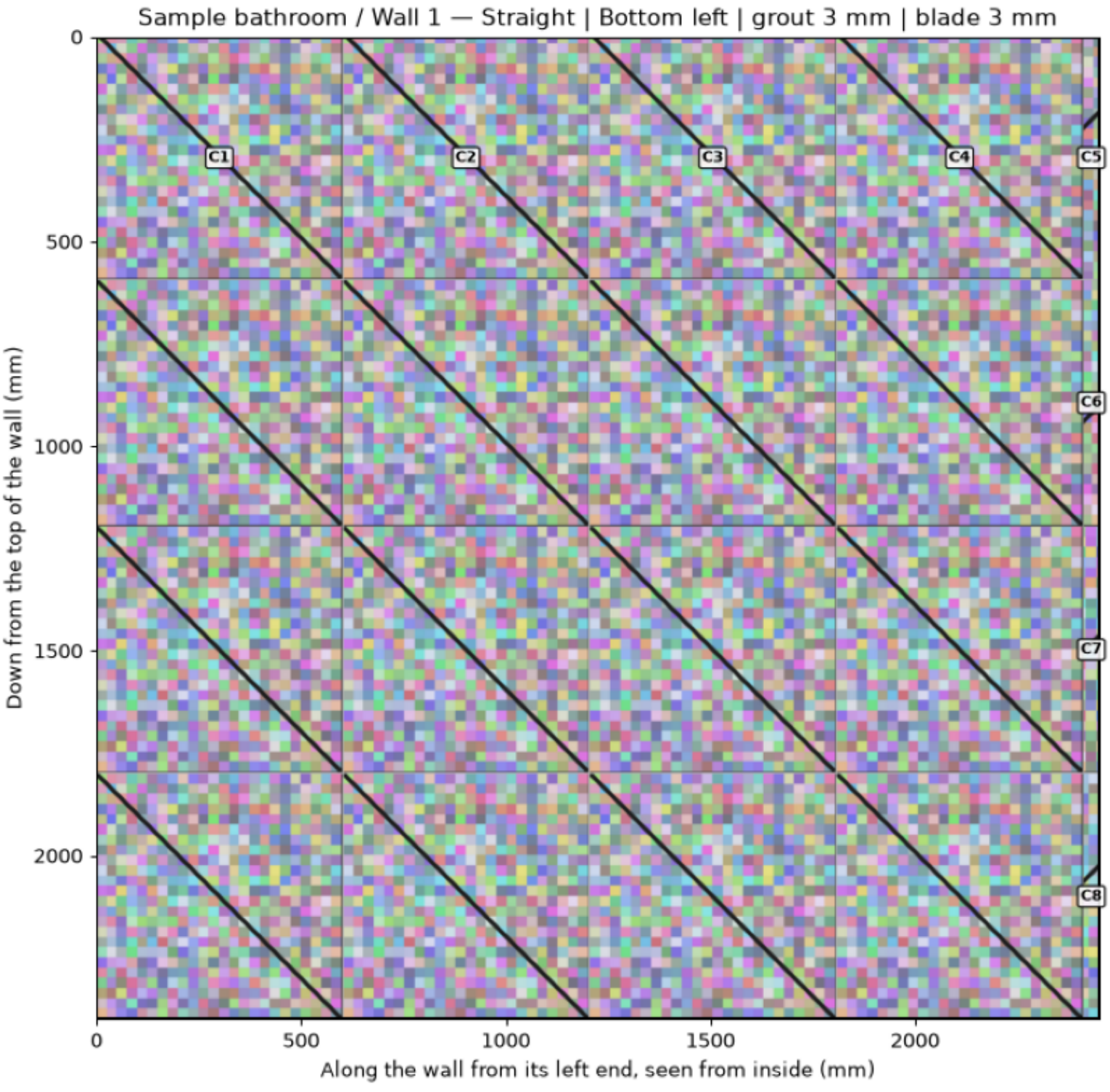
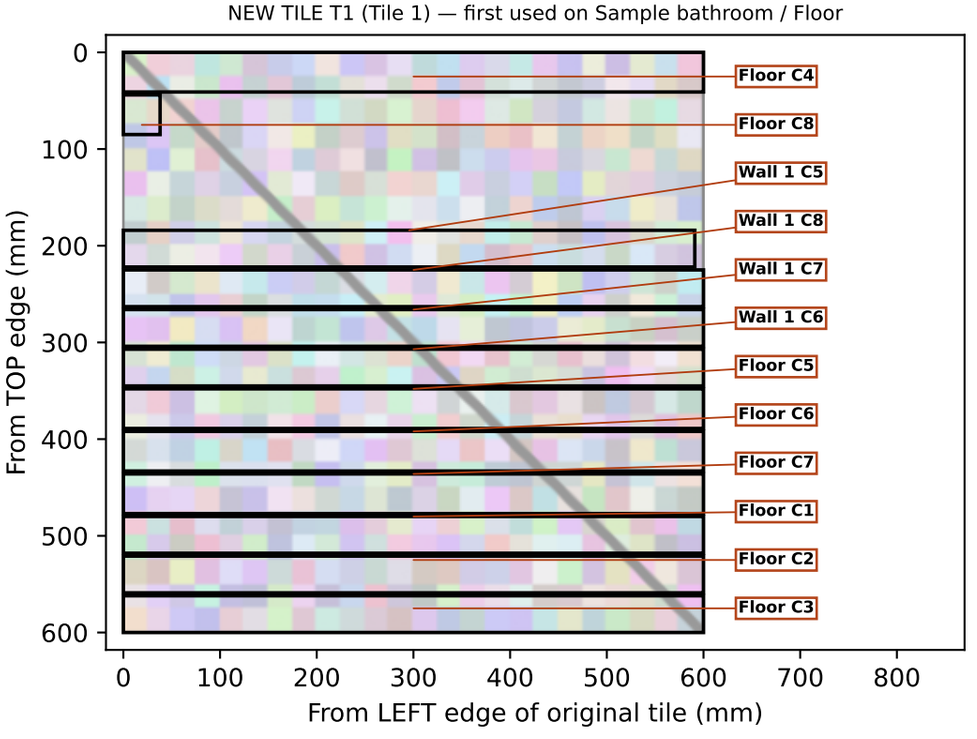
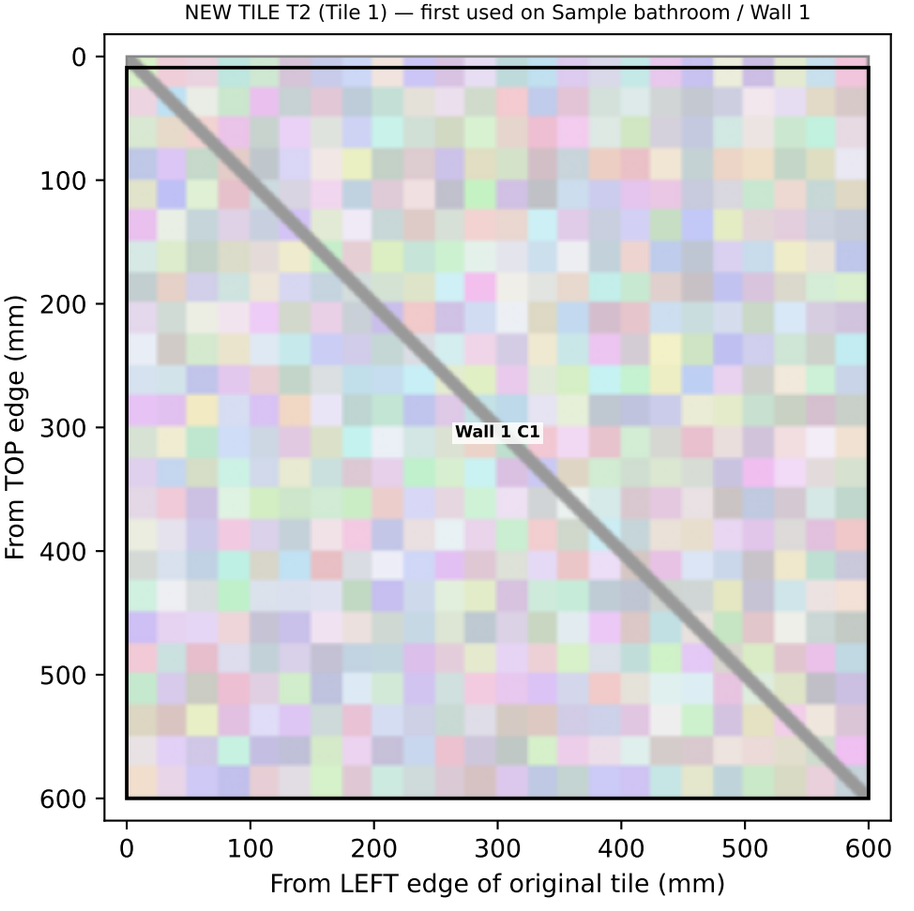
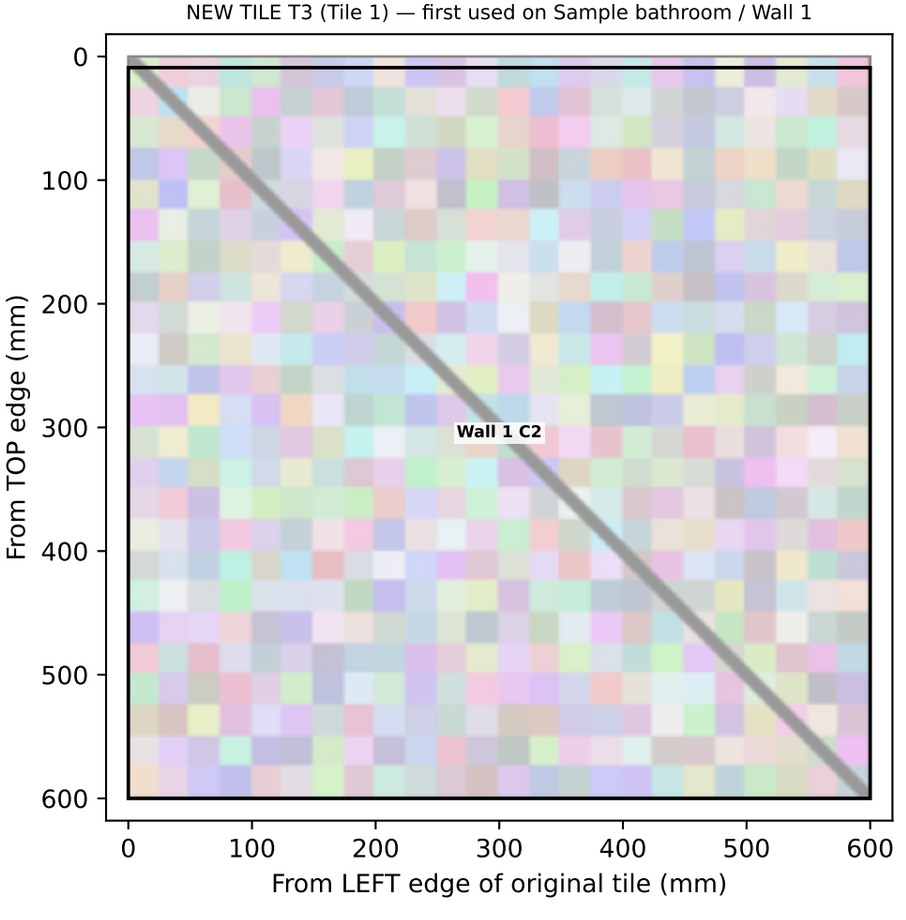
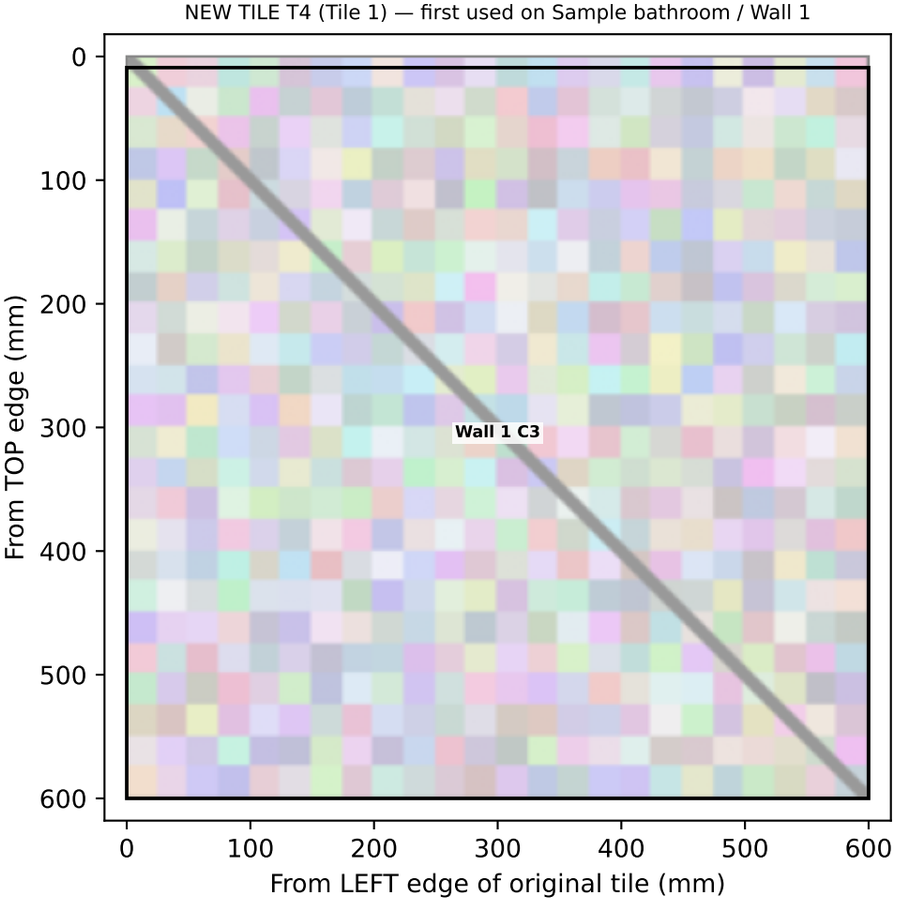

Sample bathroom / Floor — Straight | Top left | grout 3 mm | blade 3 mm
Floor length (mm)
0
250
500
750
1000
1250
1500
1750
Floor width (mm)
0
500
1000
1500
2000
C1
C2
C3
C4
C5
C6
C7
C8

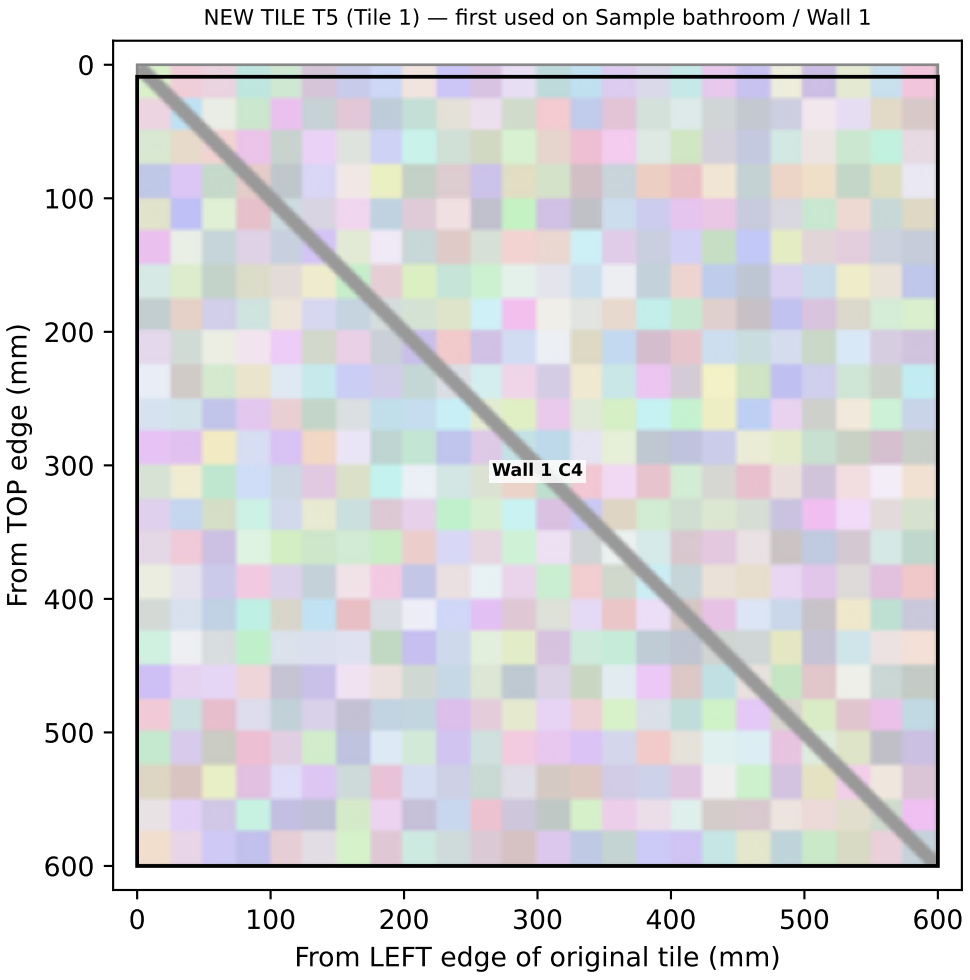

Sample bathroom / Wall 1 — Straight | Bottom left | grout 3 mm | blade 3 mm
C1
C2
C3
C4
C5
C6
C7
C8
0
500
1000
1500
2000
Down from the top of the wall (mm)
0
500
1000
1500
2000
Along the wall from its left end, seen from inside (mm)


NEW TILE T1 (Tile 1) — first used on Sample bathroom / Floor
Floor C4
Floor C8
Wall 1 C5
Wall 1 C8
Wall 1 C7
Wall 1 C6
Floor C5
Floor C6
Floor C7
Floor C1
Floor C2
Floor C3
From TOP edge (mm)
From LEFT edge of original tile (mm)

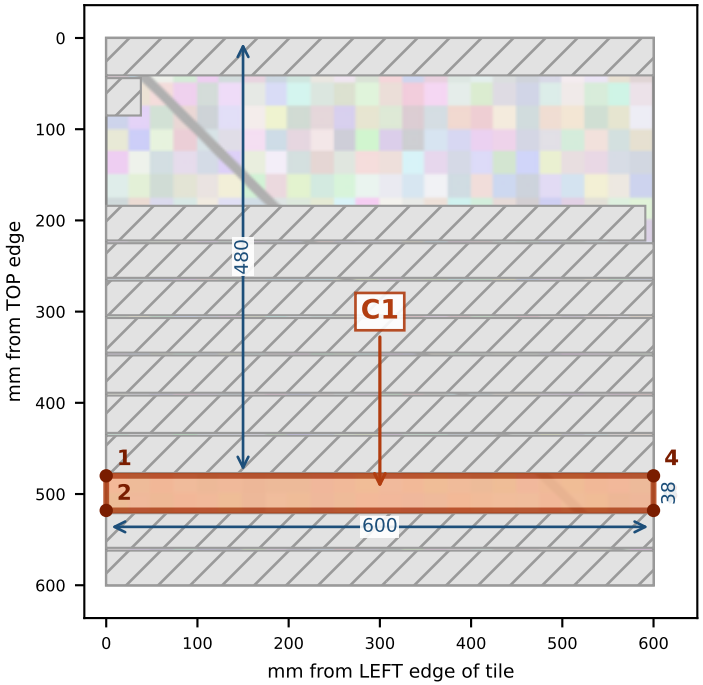

NEW TILE T2 (Tile 1) — first used on Sample bathroom / Wall 1
Wall 1 C1
From TOP edge (mm)
From LEFT edge of original tile (mm)


NEW TILE T3 (Tile 1) — first used on Sample bathroom / Wall 1
Wall 1 C2
From TOP edge (mm)
From LEFT edge of original tile (mm)


NEW TILE T4 (Tile 1) — first used on Sample bathroom / Wall 1
Wall 1 C3
From TOP edge (mm)
From LEFT edge of original tile (mm)

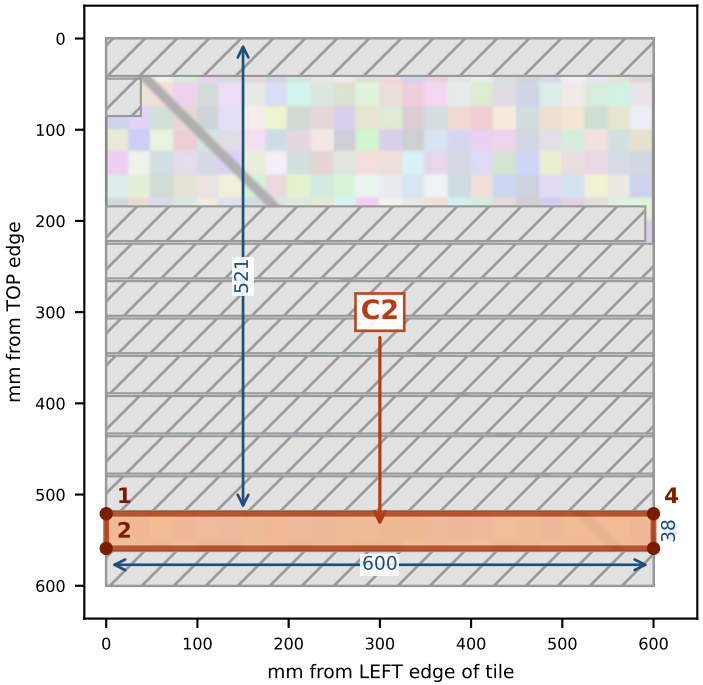

NEW TILE T5 (Tile 1) — first used on Sample bathroom / Wall 1
Wall 1 C4
From TOP edge (mm)
From LEFT edge of original tile (mm)
0
100
200
300
400
500
600

CUTTING CARDS — how to mark and cut each piece



■ this piece ▨ other cuts ↔ mm

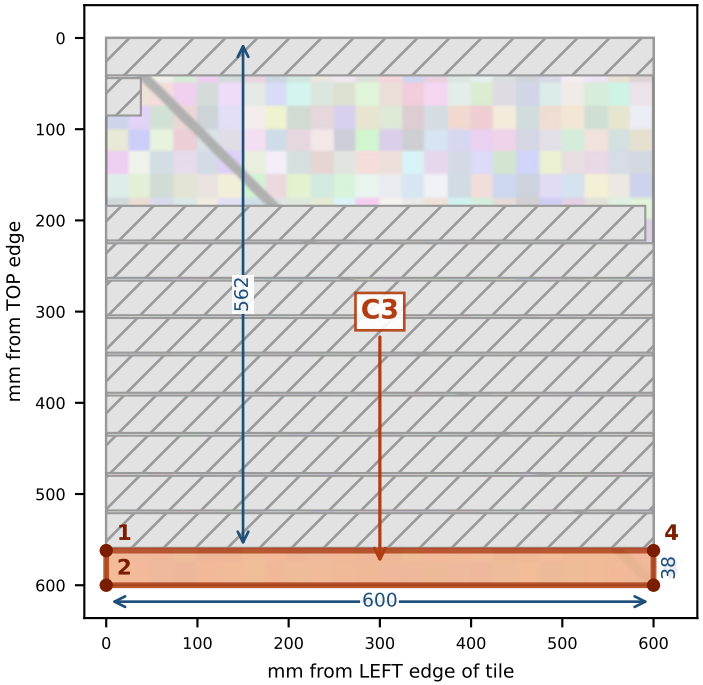
PIECE C1 · Sample bathroom / Floor · Tile 1
Cut from: new tile T1
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 480) 2=(0, 518) 3=(600, 518) 4=(600, 480)
Outer size 600 × 38 mm. Rotate 90° clockwise, face up.
Install with its top-left at (2412, 0) mm on the floor.



■ this piece ▨ other cuts ↔ mm

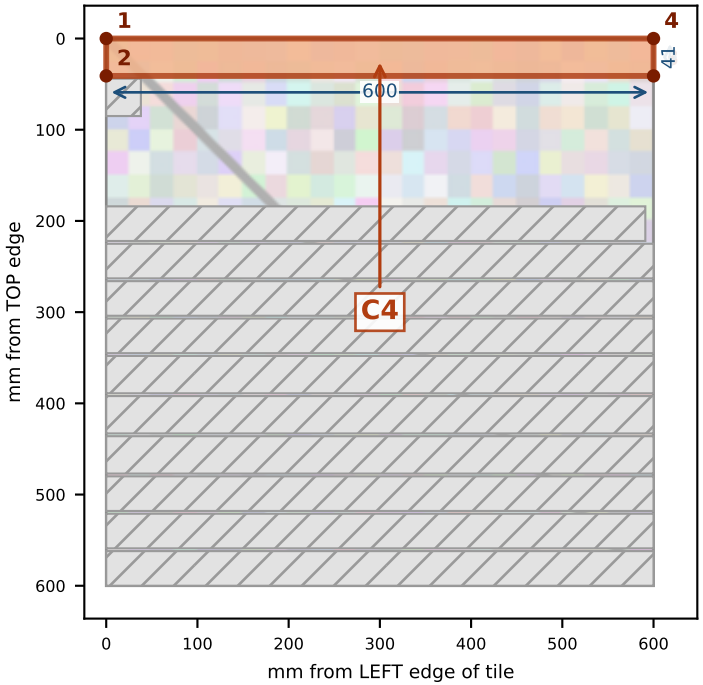
PIECE C2 · Sample bathroom / Floor · Tile 1
Cut from: new tile T1
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 521) 2=(0, 559) 3=(600, 559) 4=(600, 521)
Outer size 600 × 38 mm. Rotate 90° clockwise, face up.
Install with its top-left at (2412, 603) mm on the floor.

CUTTING CARDS — how to mark and cut each piece



■ this piece ▨ other cuts ↔ mm

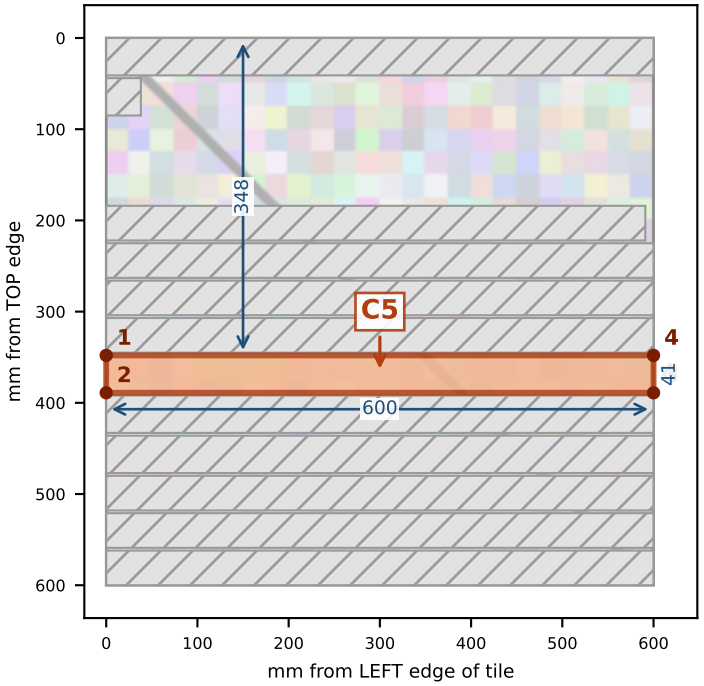
PIECE C3 · Sample bathroom / Floor · Tile 1
Cut from: new tile T1
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 562) 2=(0, 600) 3=(600, 600) 4=(600, 562)
Outer size 600 × 38 mm. Rotate 90° clockwise, face up.
Install with its top-left at (2412, 1206) mm on the floor.



■ this piece ▨ other cuts ↔ mm

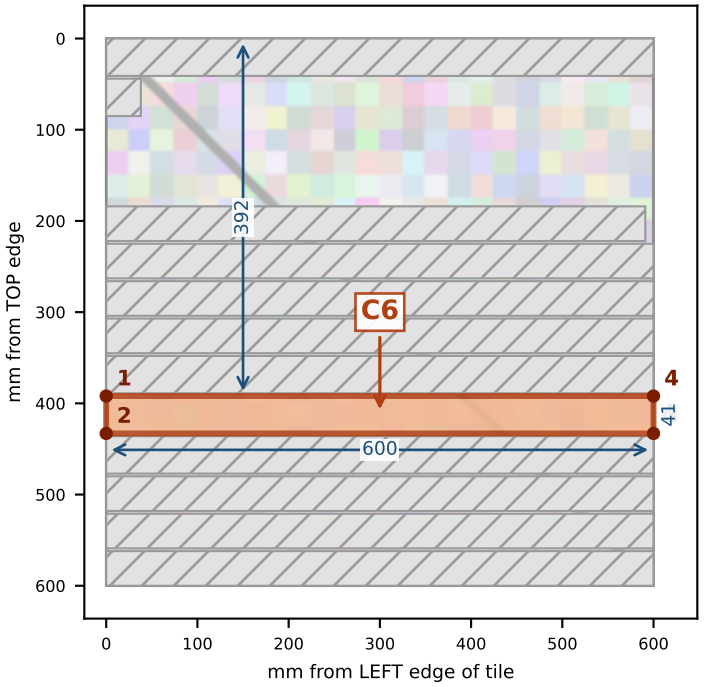
PIECE C4 · Sample bathroom / Floor · Tile 1
Cut from: new tile T1
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 0) 2=(0, 41) 3=(600, 41) 4=(600, 0)
Outer size 600 × 41 mm. Rotate 0° clockwise, face up.
Install with its top-left at (0, 1809) mm on the floor.

CUTTING CARDS — how to mark and cut each piece



■ this piece ▨ other cuts ↔ mm

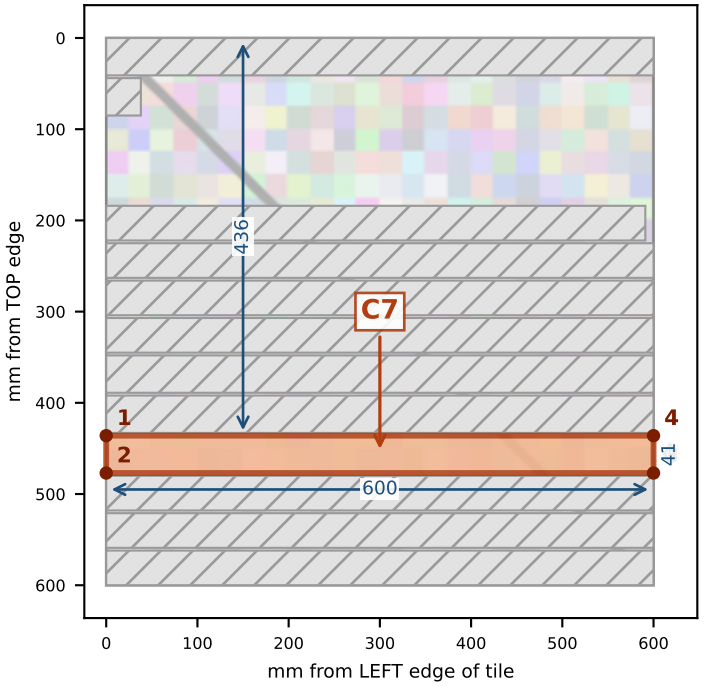
PIECE C5 · Sample bathroom / Floor · Tile 1
Cut from: new tile T1
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 348) 2=(0, 389) 3=(600, 389) 4=(600, 348)
Outer size 600 × 41 mm. Rotate 0° clockwise, face up.
Install with its top-left at (603, 1809) mm on the floor.



■ this piece ▨ other cuts ↔ mm

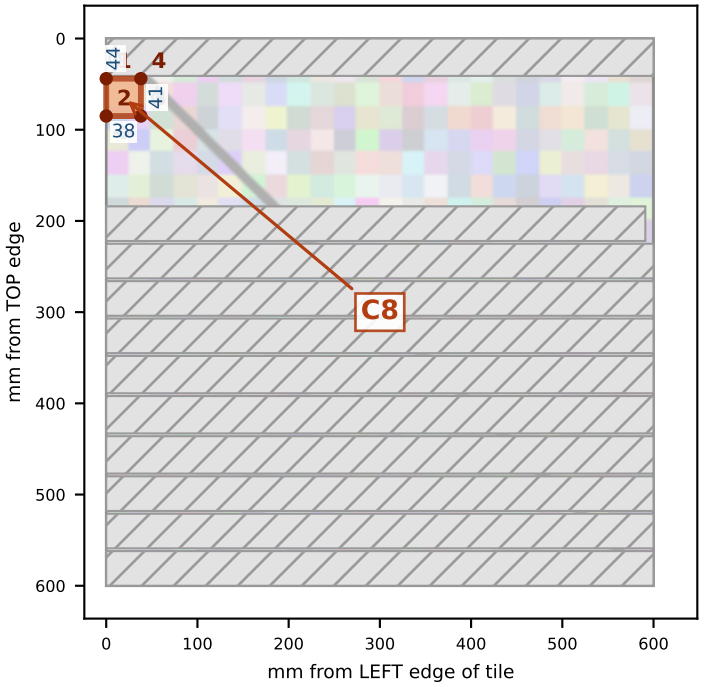
PIECE C6 · Sample bathroom / Floor · Tile 1
Cut from: new tile T1
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 392) 2=(0, 433) 3=(600, 433) 4=(600, 392)
Outer size 600 × 41 mm. Rotate 0° clockwise, face up.
Install with its top-left at (1206, 1809) mm on the floor.

CUTTING CARDS — how to mark and cut each piece



■ this piece ▨ other cuts ↔ mm

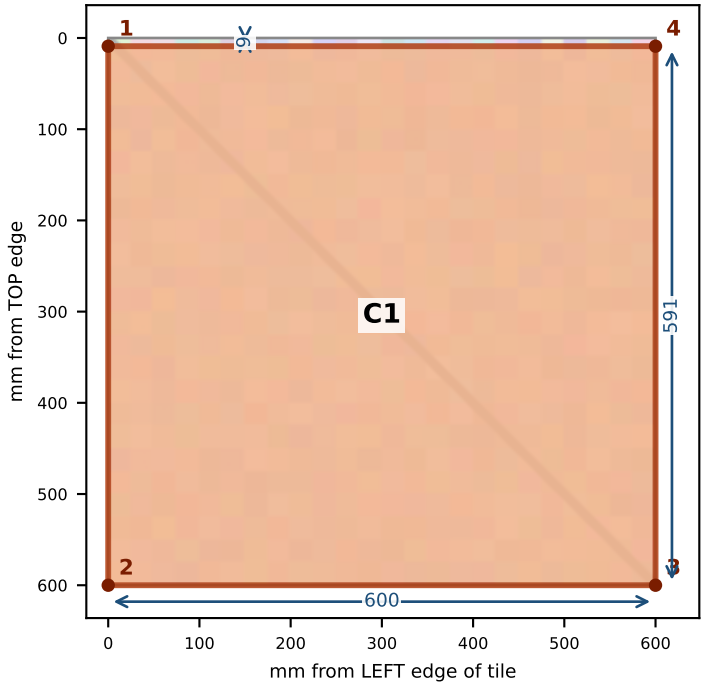
PIECE C7 · Sample bathroom / Floor · Tile 1
Cut from: new tile T1
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 436) 2=(0, 477) 3=(600, 477) 4=(600, 436)
Outer size 600 × 41 mm. Rotate 0° clockwise, face up.
Install with its top-left at (1809, 1809) mm on the floor.



■ this piece ▨ other cuts ↔ mm

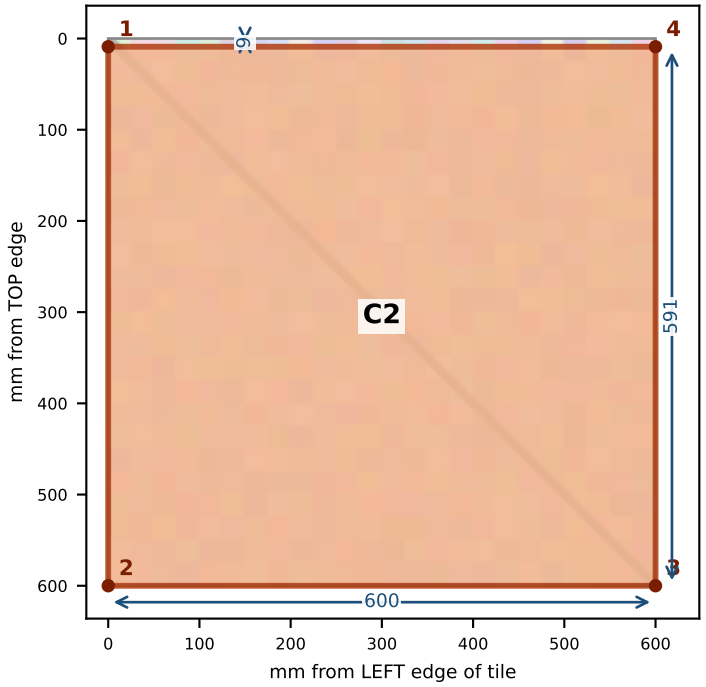
PIECE C8 · Sample bathroom / Floor · Tile 1
Cut from: new tile T1
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 44) 2=(0, 85) 3=(38, 85) 4=(38, 44)
Outer size 38 × 41 mm. Rotate 0° clockwise, face up.
Install with its top-left at (2412, 1809) mm on the floor.

CUTTING CARDS — how to mark and cut each piece



■ this piece ↔ mm

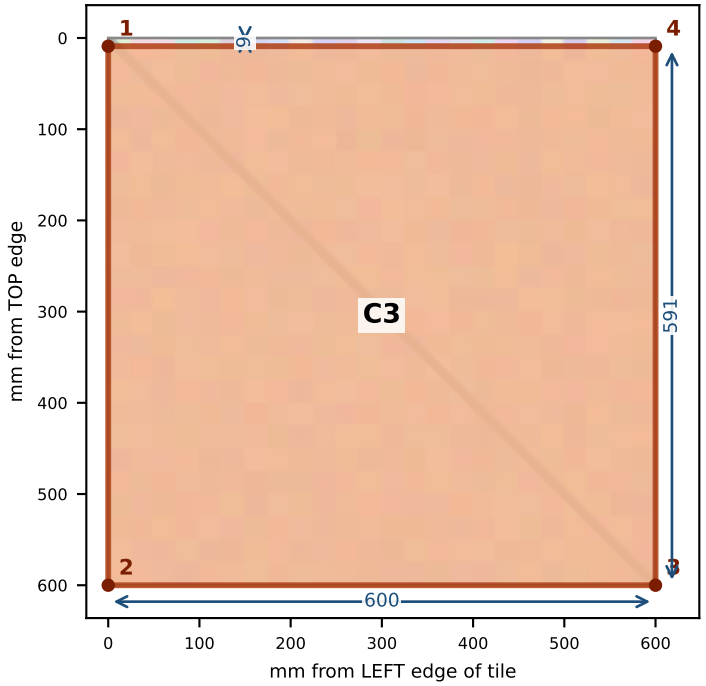
```
PIECE C1 · Sample bathroom / Wall 1 · Tile 1
Cut from: new tile T2
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 9)  2=(0, 600)  3=(600, 600)  4=(600, 9)
Outer size 600 × 591 mm. Rotate 0° clockwise, face up.
Install with its top-left at (0, 0) mm on the wall.
```



■ this piece ↔ mm

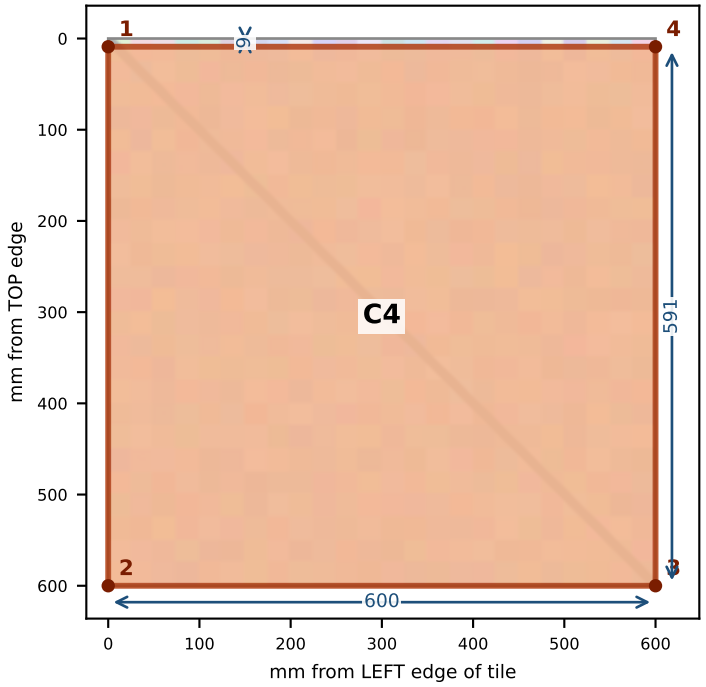
```
PIECE C2 · Sample bathroom / Wall 1 · Tile 1
Cut from: new tile T3
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 9)  2=(0, 600)  3=(600, 600)  4=(600, 9)
Outer size 600 × 591 mm. Rotate 0° clockwise, face up.
Install with its top-left at (603, 0) mm on the wall.
```

CUTTING CARDS — how to mark and cut each piece



■ this piece ↔ mm

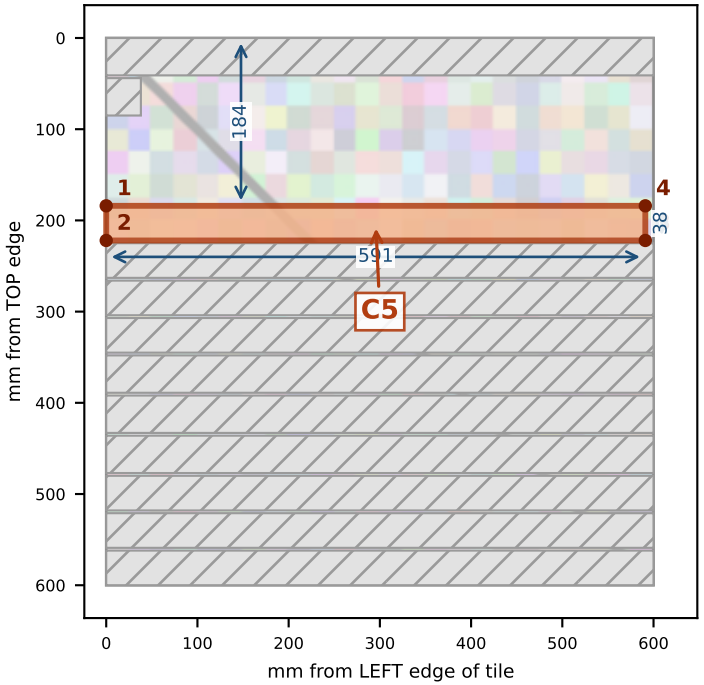
```
PIECE C3 · Sample bathroom / Wall 1 · Tile 1
Cut from: new tile T4
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 9)  2=(0, 600)  3=(600, 600)  4=(600, 9)
Outer size 600 × 591 mm. Rotate 0° clockwise, face up.
Install with its top-left at (1206, 0) mm on the wall.
```



■ this piece ↔ mm

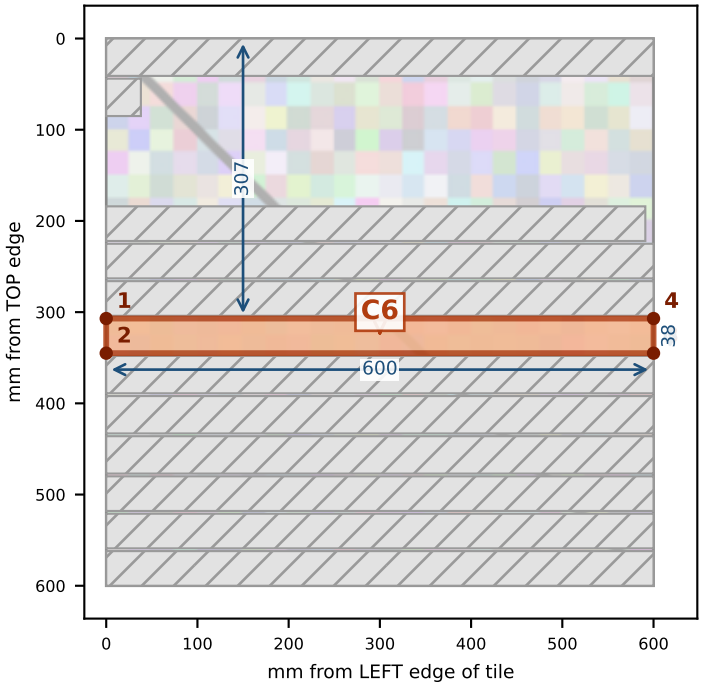
```
PIECE C4 · Sample bathroom / Wall 1 · Tile 1
Cut from: new tile T5
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 9)  2=(0, 600)  3=(600, 600)  4=(600, 9)
Outer size 600 × 591 mm. Rotate 0° clockwise, face up.
Install with its top-left at (1809, 0) mm on the wall.
```

CUTTING CARDS — how to mark and cut each piece



■ this piece ▨ other cuts ↔ mm

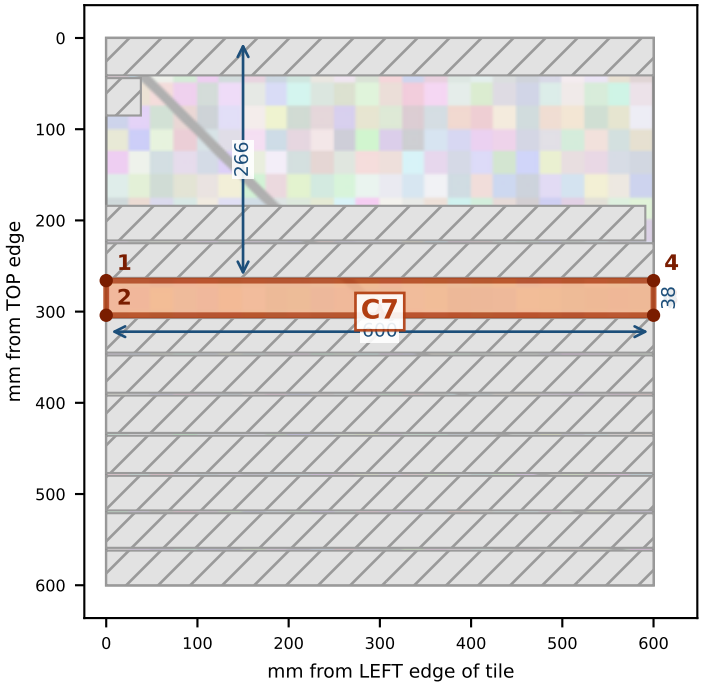
PIECE C5 · Sample bathroom / Wall 1 · Tile 1
Cut from: offcut of new tile T1 (Sample bathroom / Floor)
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 184) 2=(0, 222) 3=(591, 222) 4=(591, 184)
Outer size 591 × 38 mm. Rotate 90° clockwise, face up.
Install with its top-left at (2412, 0) mm on the wall.



■ this piece ▨ other cuts ↔ mm

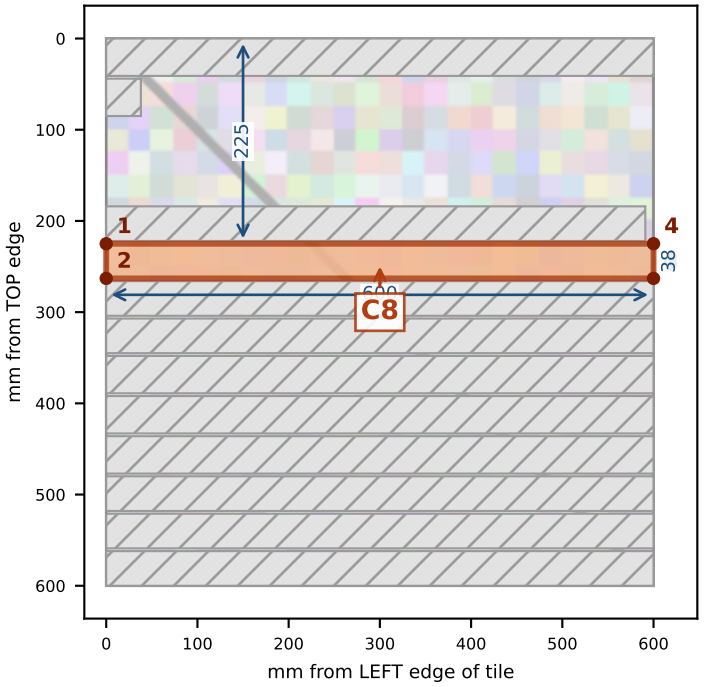
PIECE C6 · Sample bathroom / Wall 1 · Tile 1
Cut from: offcut of new tile T1 (Sample bathroom / Floor)
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 307) 2=(0, 345) 3=(600, 345) 4=(600, 307)
Outer size 600 × 38 mm. Rotate 90° clockwise, face up.
Install with its top-left at (2412, 594) mm on the wall.

CUTTING CARDS — how to mark and cut each piece



■ this piece ▨ other cuts ↔ mm

PIECE C7 · Sample bathroom / Wall 1 · Tile 1
Cut from: offcut of new tile T1 (Sample bathroom / Floor)
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 266) 2=(0, 304) 3=(600, 304) 4=(600, 266)
Outer size 600 × 38 mm. Rotate 90° clockwise, face up.
Install with its top-left at (2412, 1197) mm on the wall.



■ this piece ▨ other cuts ↔ mm

PIECE C8 · Sample bathroom / Wall 1 · Tile 1
Cut from: offcut of new tile T1 (Sample bathroom / Floor)
Mark corners (mm from tile LEFT, TOP edges, image upright):
1=(0, 225) 2=(0, 263) 3=(600, 263) 4=(600, 225)
Outer size 600 × 38 mm. Rotate 90° clockwise, face up.
Install with its top-left at (2412, 1800) mm on the wall.

TileWeave — Sample bathroom (instructions)

ROOM: Sample bathroom
STATUS: PLANNING COMPLETE (accepted version). Plan dd001f22.
Planning complete means the design is accepted; it does not mean tiles are cut or installed.
Best plan found — Valid plan for these layouts; a smaller quantity has not been ruled out. (new tiles 29, area lower bound 29).

NEW TILES FOR THIS ROOM (before spares):
  Tile 1: 24 laid whole + 5 opened for cuts = 29

==
SURFACE: Sample bathroom / Floor (floor, top view)
Tiles: Tile 1 | arrangement Straight | Top left
Grout 3 mm | blade/kerf 3 mm | rotations allowed | pattern ignored (physical fit only)
Tiled area 4.532 m² | whole tiles 12 | cut pieces 8 (0 from existing offcuts)
Floor coordinates: x right and y down from the top-left corner of the room outline.
CUT LIST (source coordinates: from the LEFT and TOP edges of the original tile, image upright; rotations clockwise, face up, never flip):
  C1: Use new tile T1 for Sample bathroom / Floor piece C1.
     Mark at (0, 480) mm, outer size 600 × 38 mm, rotate 90°, install at (2412, 0) mm.
  C2: Use new tile T1 for Sample bathroom / Floor piece C2.
     Mark at (0, 521) mm, outer size 600 × 38 mm, rotate 90°, install at (2412, 603) mm.
  C3: Use new tile T1 for Sample bathroom / Floor piece C3.
     Mark at (0, 562) mm, outer size 600 × 38 mm, rotate 90°, install at (2412, 1206) mm.
  C4: Use new tile T1 for Sample bathroom / Floor piece C4.
     Mark at (0, 0) mm, outer size 600 × 41 mm, rotate 0°, install at (0, 1809) mm.
  C5: Use new tile T1 for Sample bathroom / Floor piece C5.
     Mark at (0, 348) mm, outer size 600 × 41 mm, rotate 0°, install at (603, 1809) mm.
  C6: Use new tile T1 for Sample bathroom / Floor piece C6.
     Mark at (0, 392) mm, outer size 600 × 41 mm, rotate 0°, install at (1206, 1809) mm.
  C7: Use new tile T1 for Sample bathroom / Floor piece C7.
     Mark at (0, 436) mm, outer size 600 × 41 mm, rotate 0°, install at (1809, 1809) mm.
  C8: Use new tile T1 for Sample bathroom / Floor piece C8.
     Mark at (0, 44) mm, outer size 38 × 41 mm, rotate 0°, install at (2412, 1809) mm.

==
SURFACE: Sample bathroom / Wall 1 (wall elevation, seen from inside)
Tiles: Tile 1 | arrangement Straight | Bottom left
Grout 3 mm | blade/kerf 3 mm | rotations allowed | pattern ignored (physical fit only)
Tiled area 5.880 m² | whole tiles 12 | cut pieces 8 (4 from existing offcuts)
Wall coordinates: x from the left end of the wall as seen from inside the room; y down from the top of the wall.
CUT LIST (source coordinates: from the LEFT and TOP edges of the original tile, image upright; rotations clockwise, face up, never flip):
  C1: Use new tile T2 for Sample bathroom / Wall 1 piece C1.
     Mark at (0, 9) mm, outer size 600 × 591 mm, rotate 0°, install at (0, 0) mm.
  C2: Use new tile T3 for Sample bathroom / Wall 1 piece C2.
     Mark at (0, 9) mm, outer size 600 × 591 mm, rotate 0°, install at (603, 0) mm.
  C3: Use new tile T4 for Sample bathroom / Wall 1 piece C3.
     Mark at (0, 9) mm, outer size 600 × 591 mm, rotate 0°, install at (1206, 0) mm.
  C4: Use new tile T5 for Sample bathroom / Wall 1 piece C4.
     Mark at (0, 9) mm, outer size 600 × 591 mm, rotate 0°, install at (1809, 0) mm.
  C5: Use the offcut of new tile T1 (Sample bathroom / Floor) left after its earlier cuts in this room for Sample bathroom / Wall 1 piece C5.
     Mark at (0, 184) mm, outer size 591 × 38 mm, rotate 90°, install at (2412, 0) mm.
     Fragments keep the original tile orientation: hold the fragment with the tile image upright; coordinates refer to the original tile corner.
  C6: Use the offcut of new tile T1 (Sample bathroom / Floor) left after its earlier cuts in this room for Sample bathroom / Wall 1 piece C6.
     Mark at (0, 307) mm, outer size 600 × 38 mm, rotate 90°, install at (2412, 594) mm.
     Fragments keep the original tile orientation: hold the fragment with the tile image upright; coordinates refer to the original tile corner.
  C7: Use the offcut of new tile T1 (Sample bathroom / Floor) left after its earlier cuts in this room for Sample bathroom / Wall 1 piece C7.
     Mark at (0, 266) mm, outer size 600 × 38 mm, rotate 90°, install at (2412, 1197) mm.
     Fragments keep the original tile orientation: hold the fragment with the tile image upright; coordinates refer to the original tile corner.
  C8: Use the offcut of new tile T1 (Sample bathroom / Floor) left after its earlier cuts in this room for Sample bathroom / Wall 1 piece C8.
     Mark at (0, 225) mm, outer size 600 × 38 mm, rotate 90°, install at (2412, 1800) mm.
     Fragments keep the original tile orientation: hold the fragment with the tile image upright; coordinates refer to the original tile corner.

EXPECTED REUSABLE LEFTOVERS (published to the project inventory):
  F1: from tile T1 (Sample bathroom / Floor), area 0.0806 m², within (0, 44)–(600, 222) mm of the tile frame
Leftovers thinner than 10 mm or smaller than 400 mm² are treated as waste. Hole cut-outs are never counted as offcuts.