

Set of Drawings

Marnixtower



P5 Presentation | MSc4 Architecture, Urbanism and Building Sciences, TU Delft | Dutch Housing

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SITUATION

- Ground level
- Top level

FLOOR PLANS

- Basement
- Ground level
- Levels 2 - 19

ELEVATIONS

- North
- East
- South
- West

SECTIONS

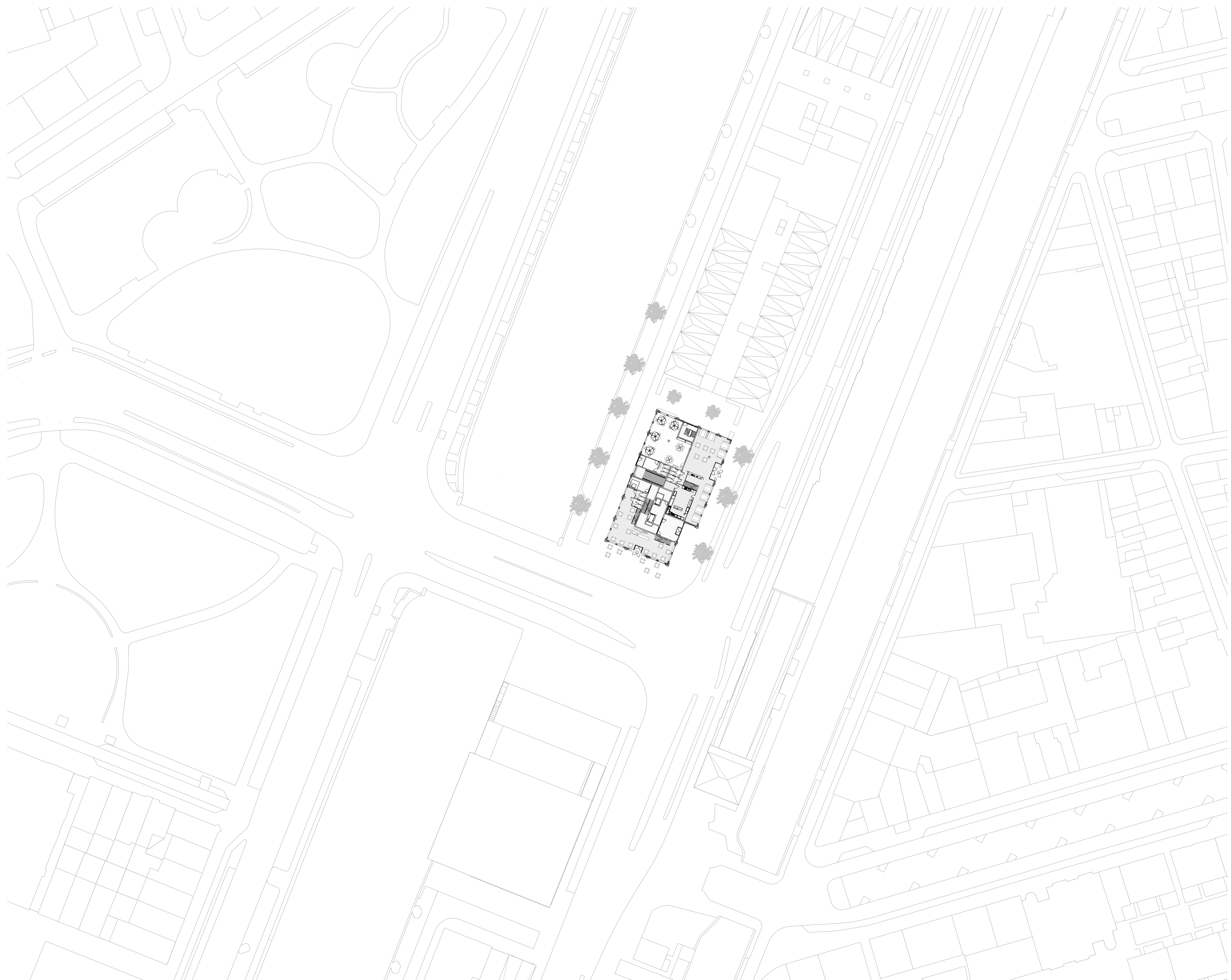
- Section A
- Section B

Facade

- Elevation fragment
- Hor. cross-cut
- Ver. cross-cut

Details

- Detail D00
- Detail D03
- Detail D05
- Detail D06



Marnixstoren

Ground Level

Project number 0001

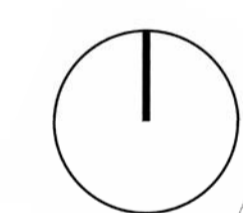
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/00.1

Scale 1 : 500



Marnixstoren

Site

Project number 0001

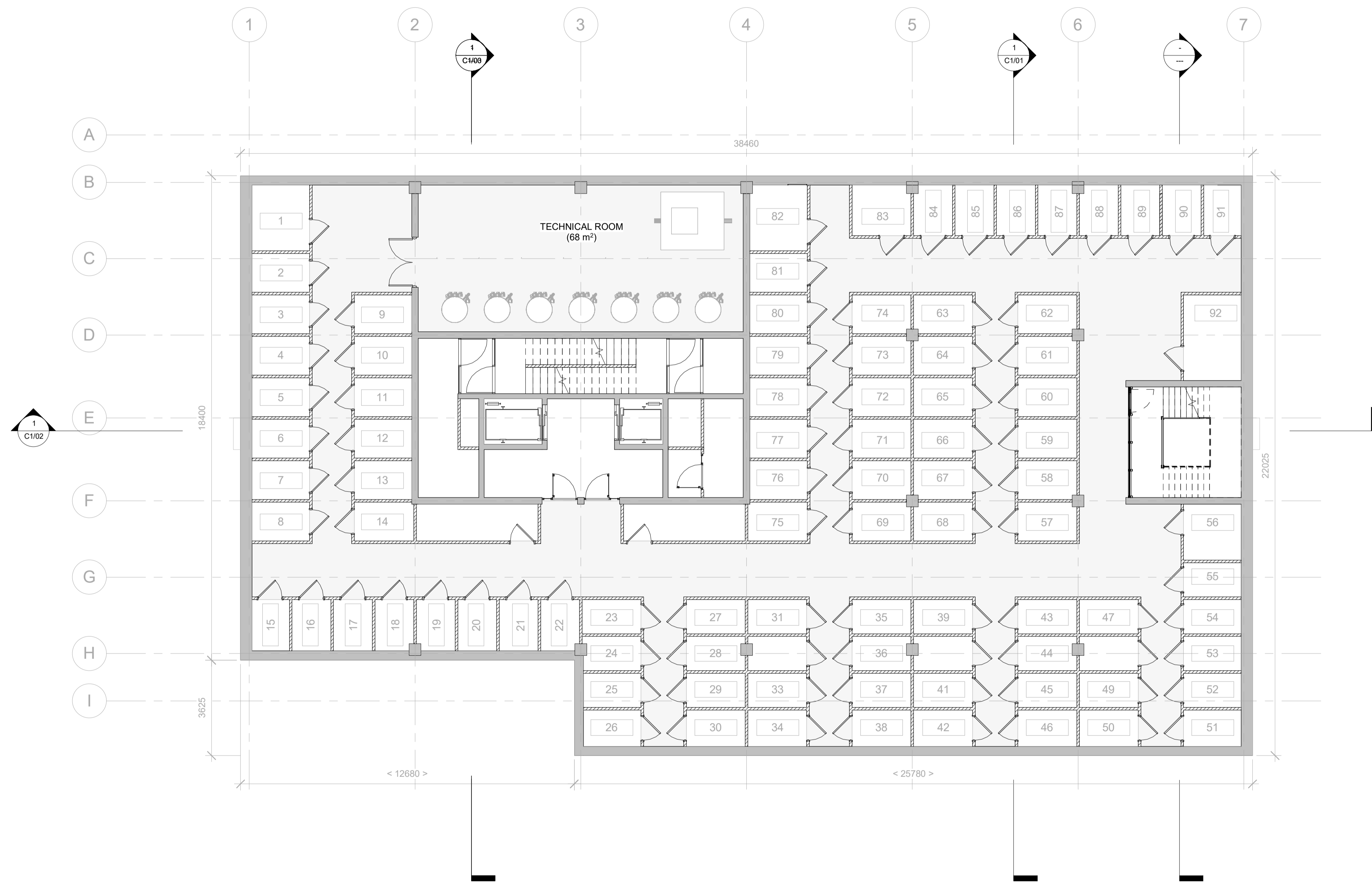
Date 29-01-2018

Drawn by Author

Checked by Checker

C1/04

Scale 1 : 500



Marnixoren

Basement

Project number 0001

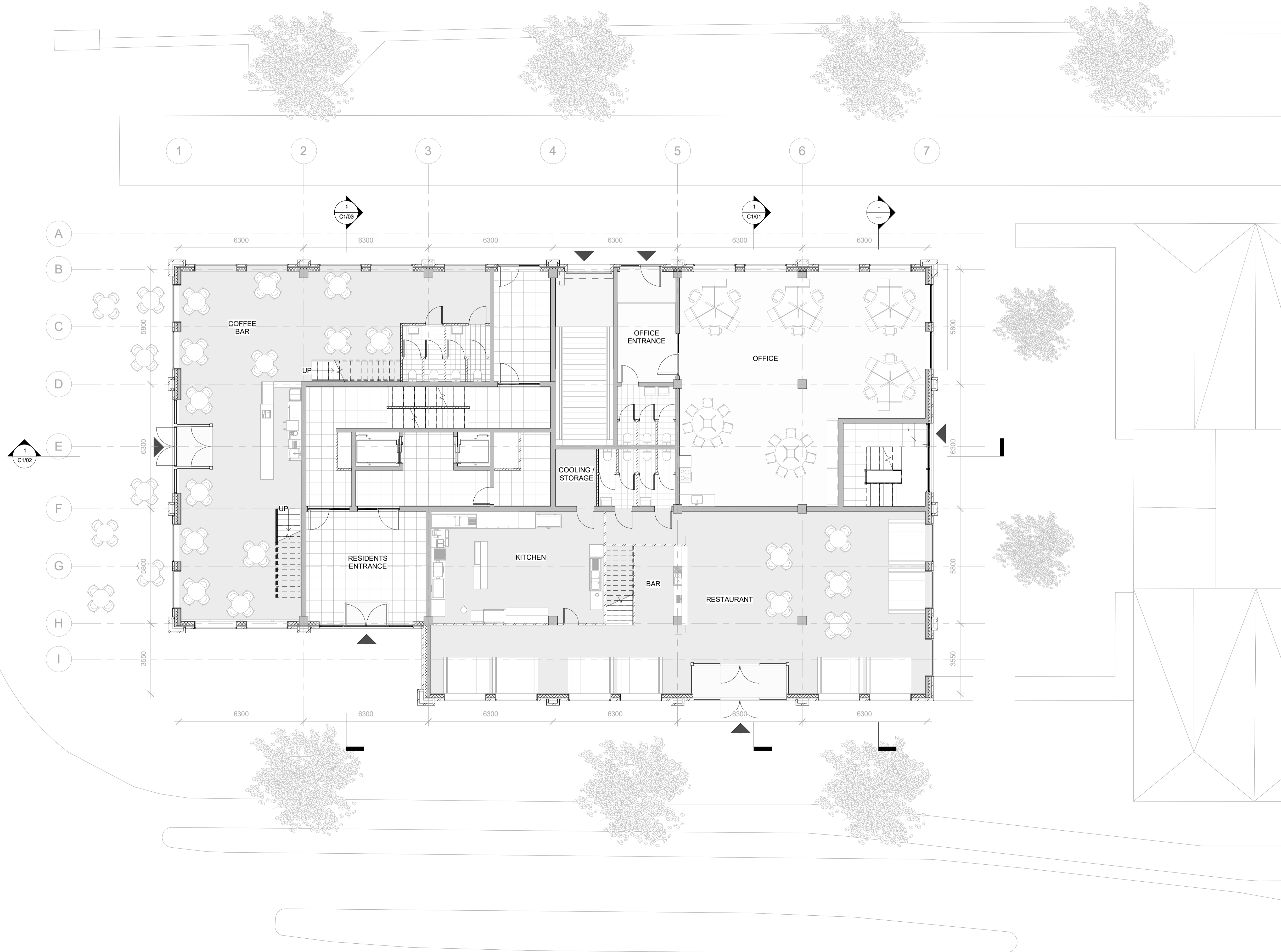
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/-01

Scale 1 : 100



Marnixstoren

Ground floor

Project number 0001

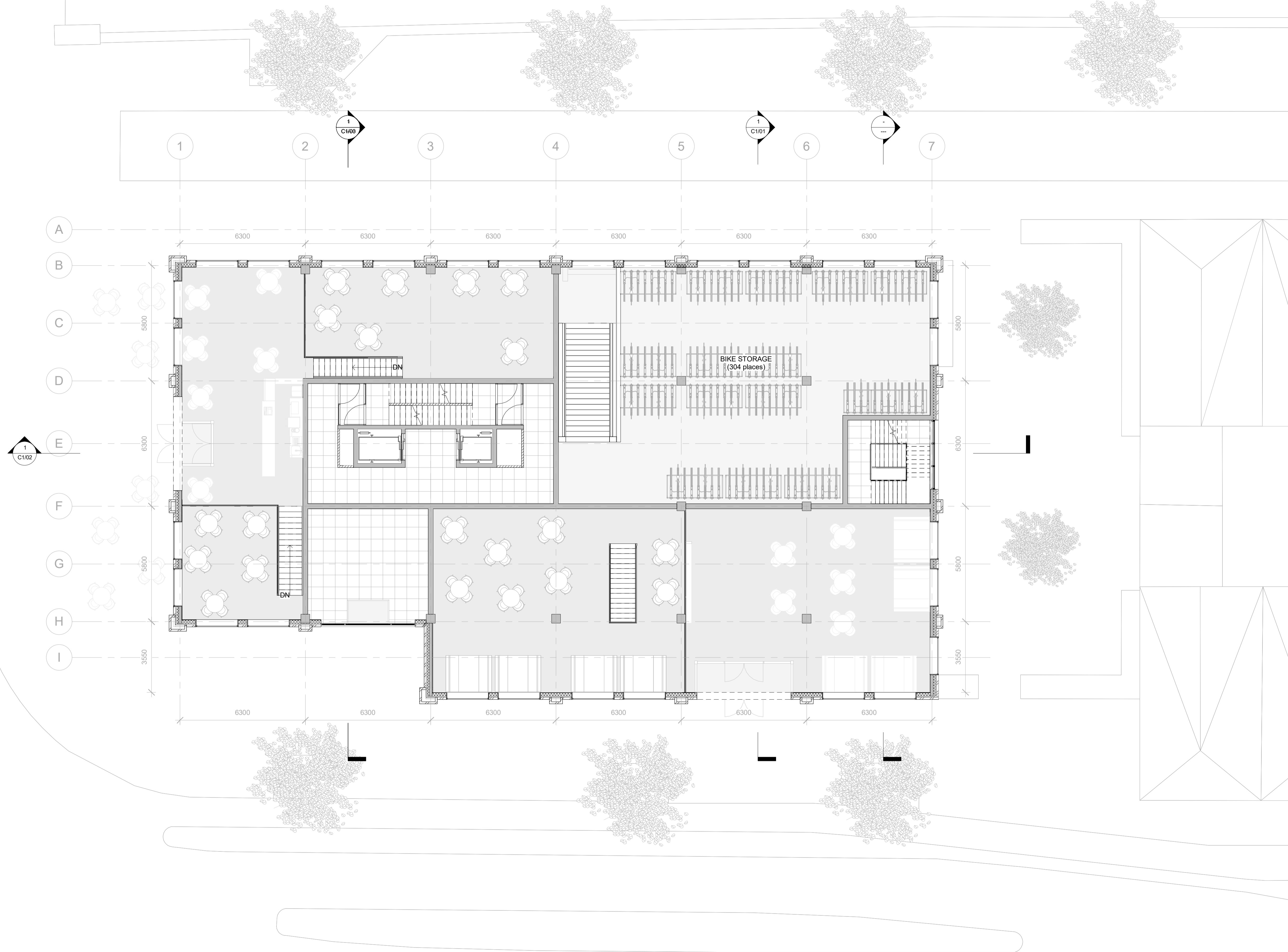
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/00

Scale 1 : 100



Marnixstoren

Level 2

Project number 0001

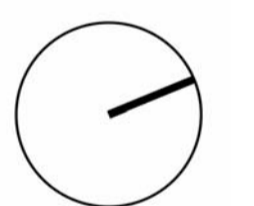
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/02

Scale 1 : 100





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Level 3

Project number 0001

Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/03

Scale 1 : 100



Marnixstoren

Level 4

Project number 0001

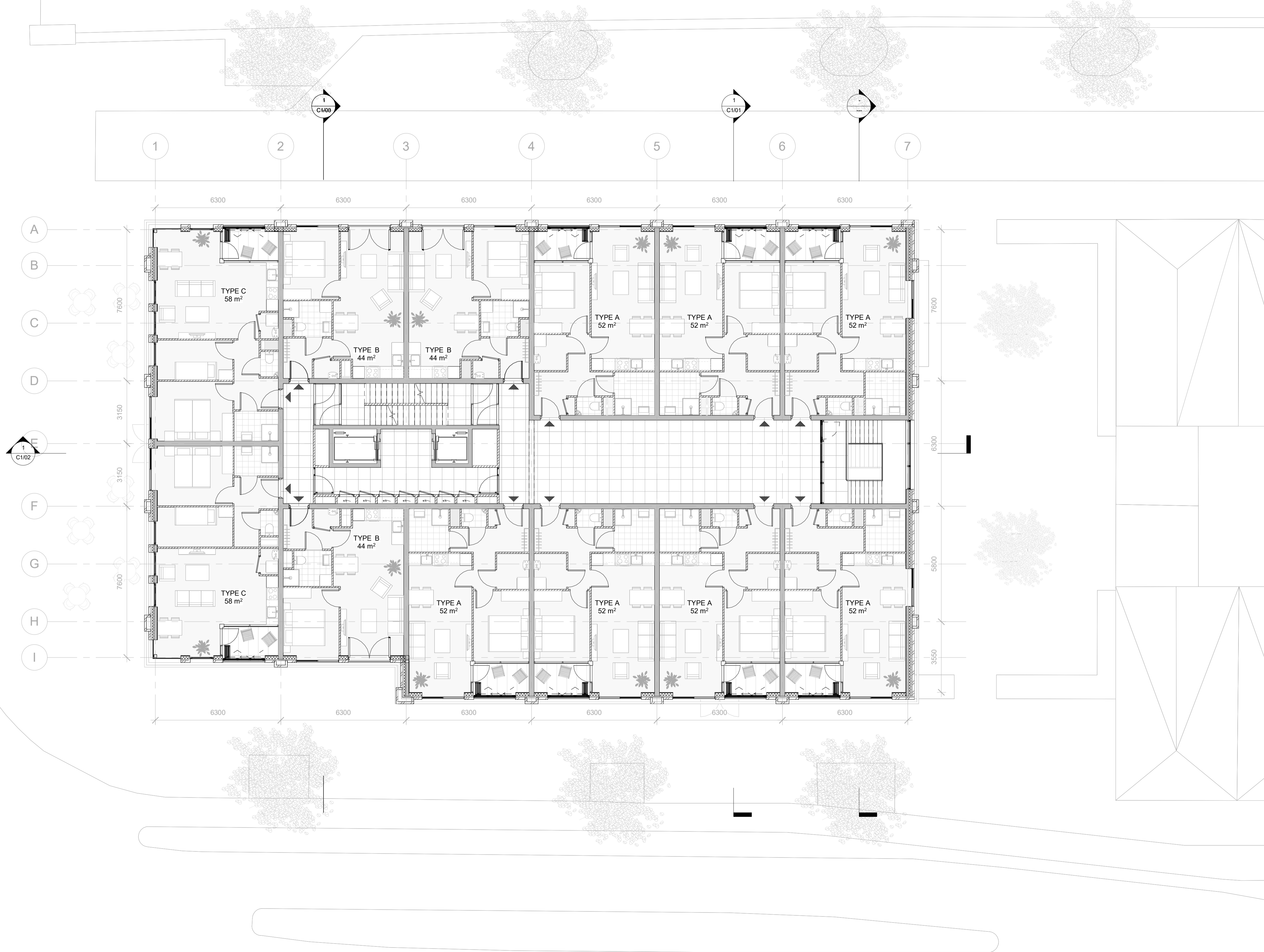
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/04

Scale 1 : 100



Marnixstoren

Level 5

Project number 0001

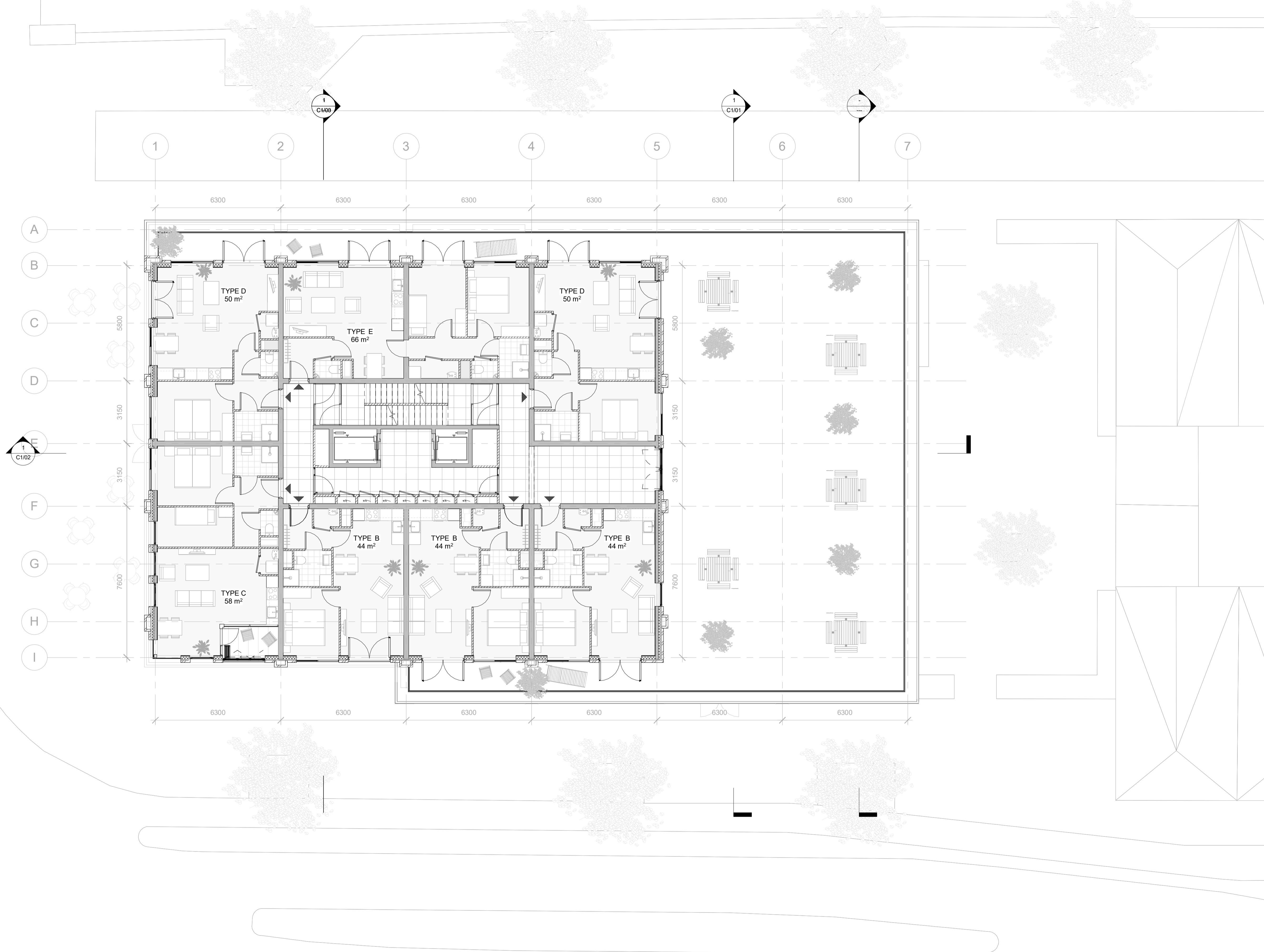
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/05

Scale 1 : 100



Marnixstoren

Level 6

Project number 0001

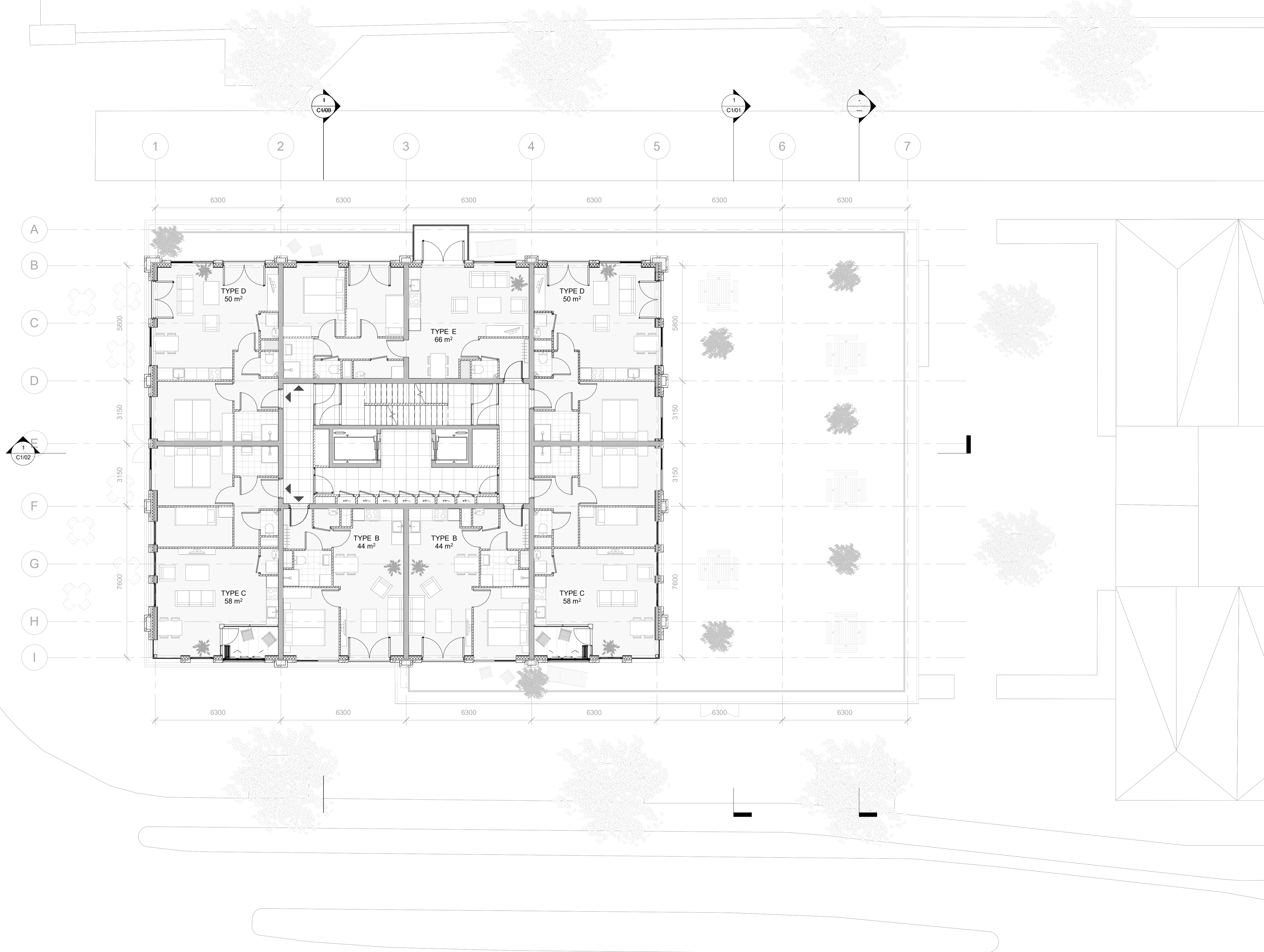
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/06

Scale 1 : 100



Marnixtoren

Level 7

Project number 0001

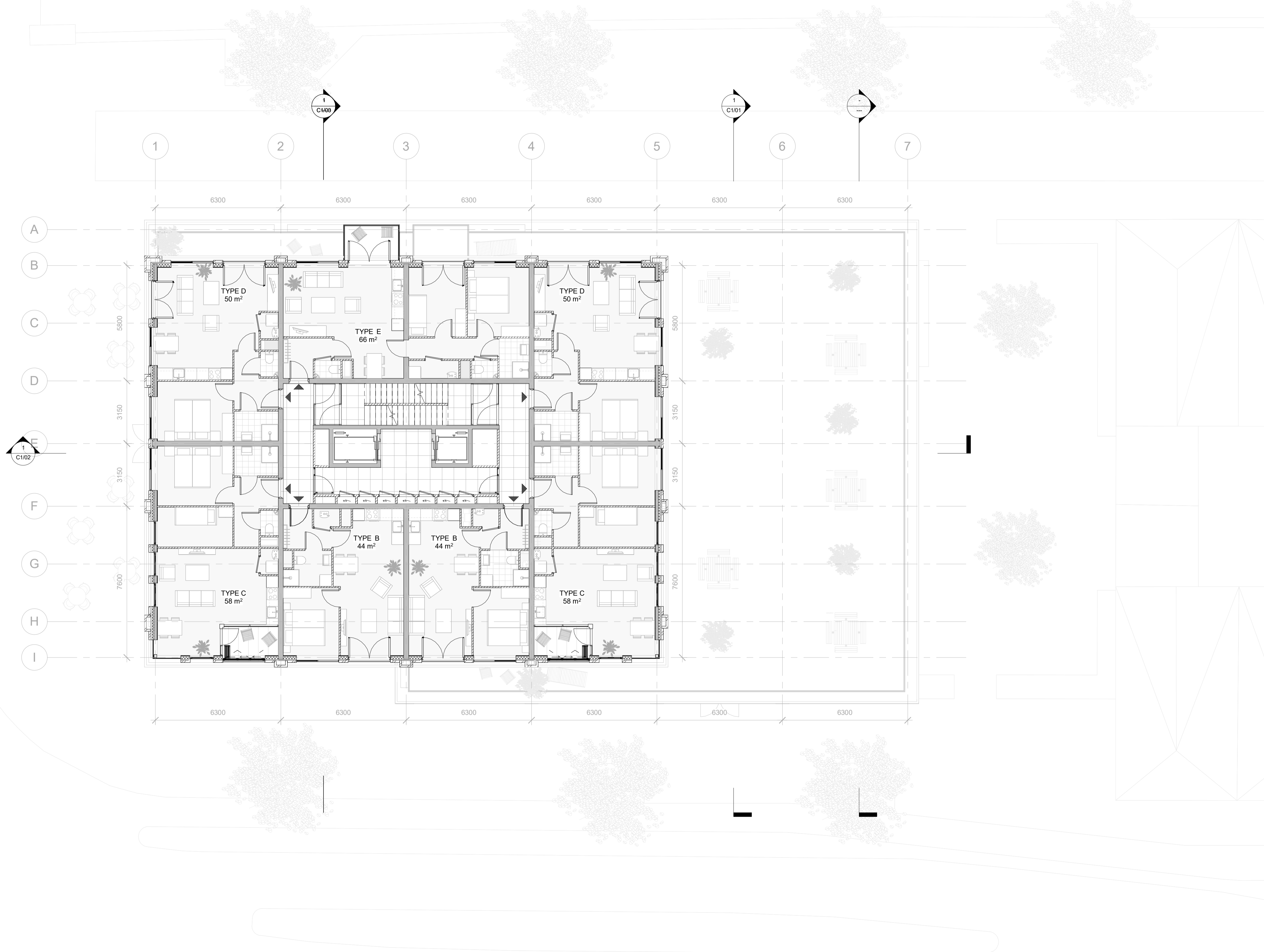
Date 29-01-2018

Drawn by Author

Checked by Checker

A1/07

Scale 1 : 100



Marnixtoren

Level 8

Project number 0001

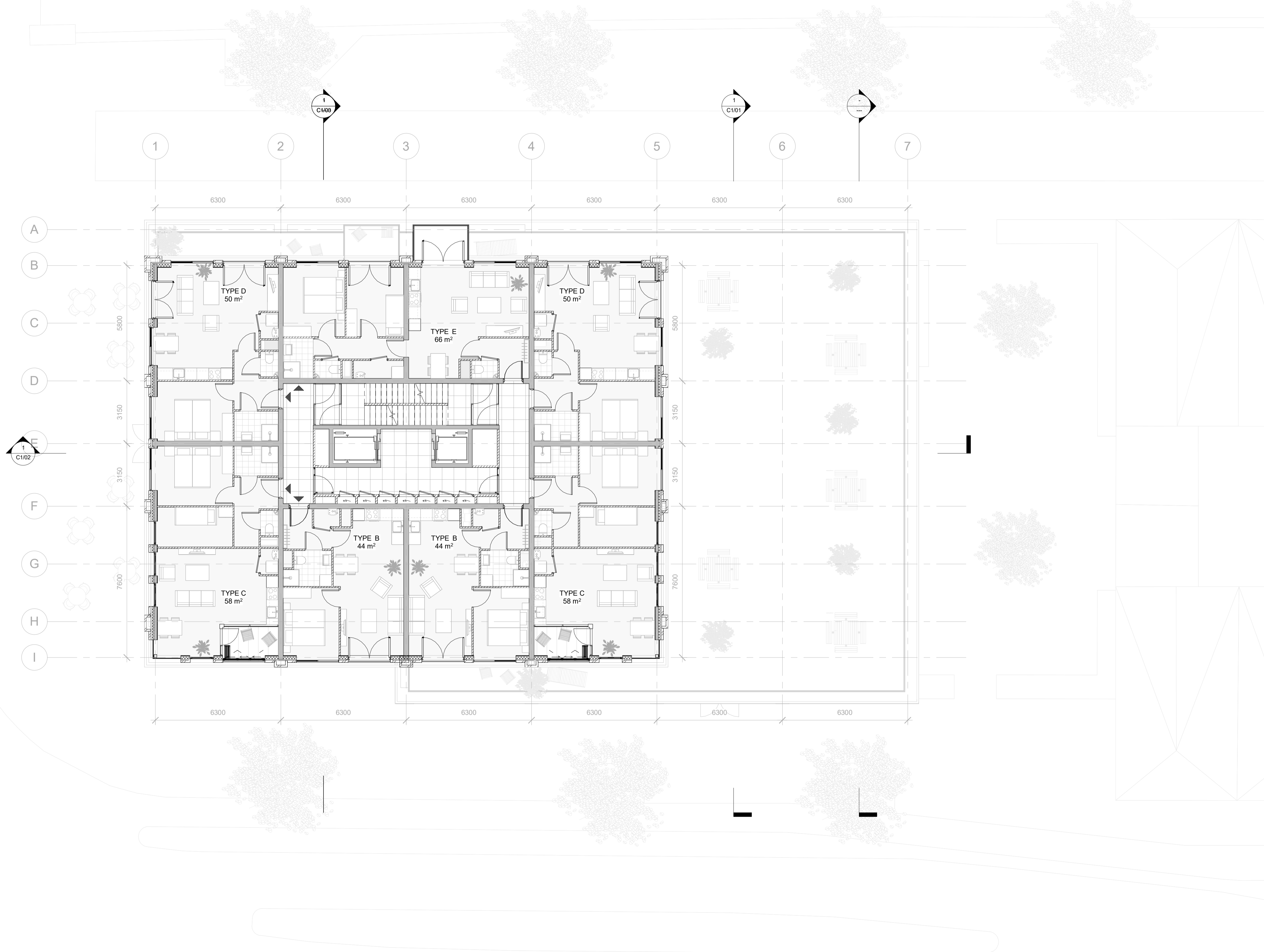
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/08

Scale 1 : 100



Marnixstoren

Level 9

Project number 0001

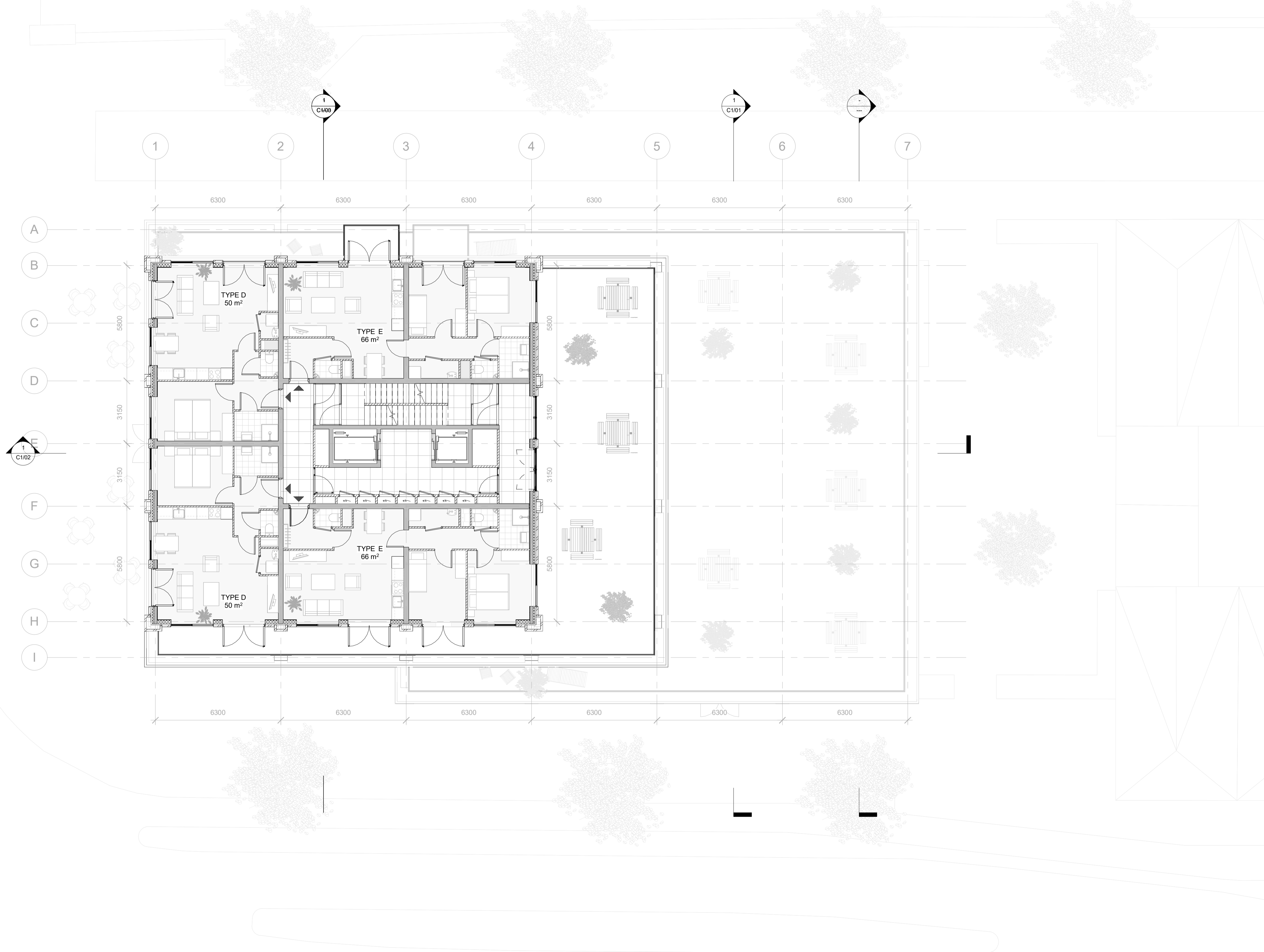
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/09

Scale 1 : 100



Marnixtoren

Level 10

Project number 0001

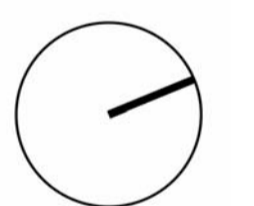
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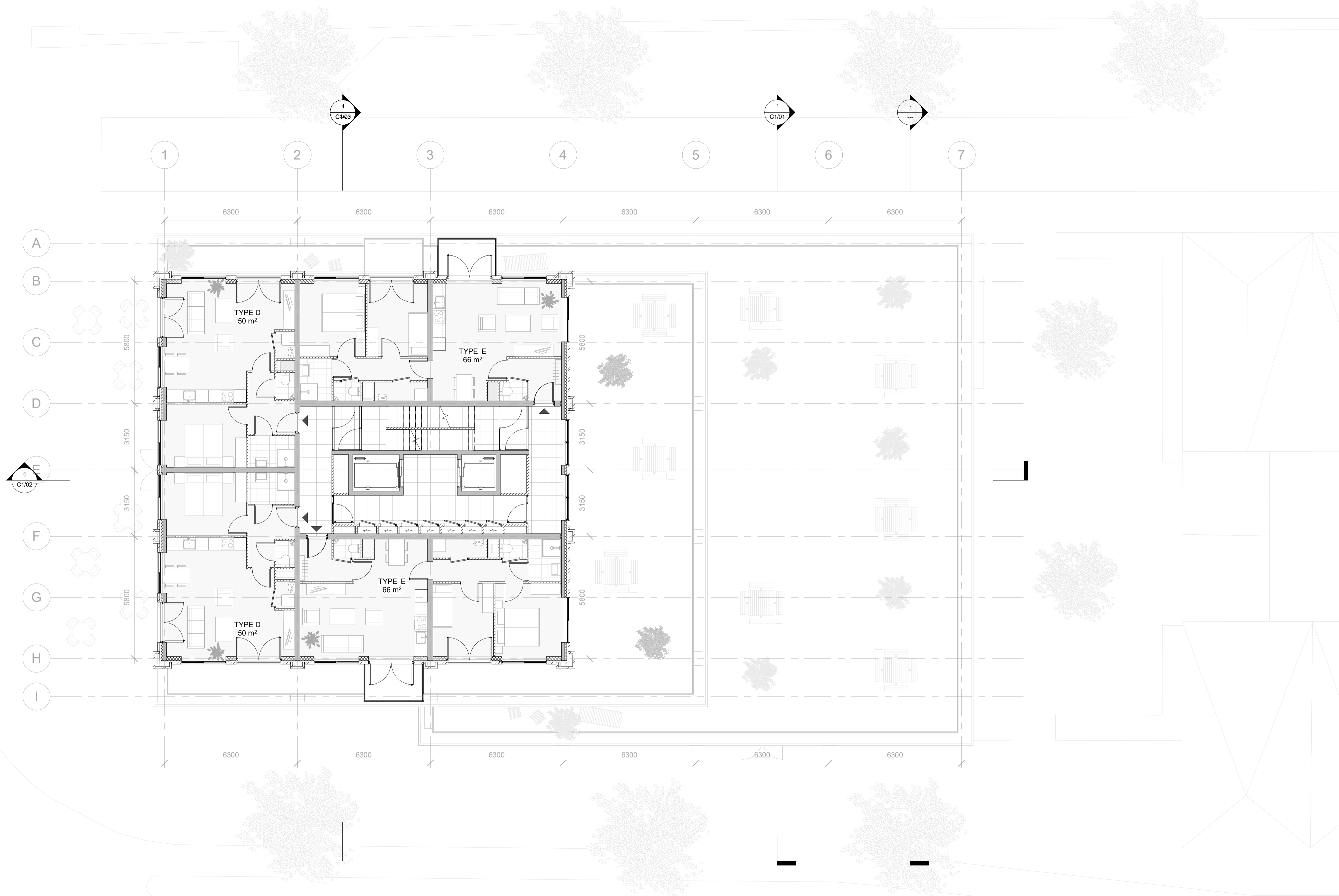
Drawn by A. Harboe Sorensen

Checked by -

A1/10

Scale 1 : 100





Marnixtoren

Level 11

Project number 0001

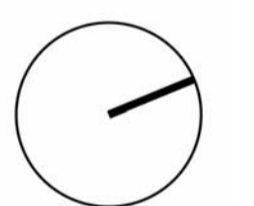
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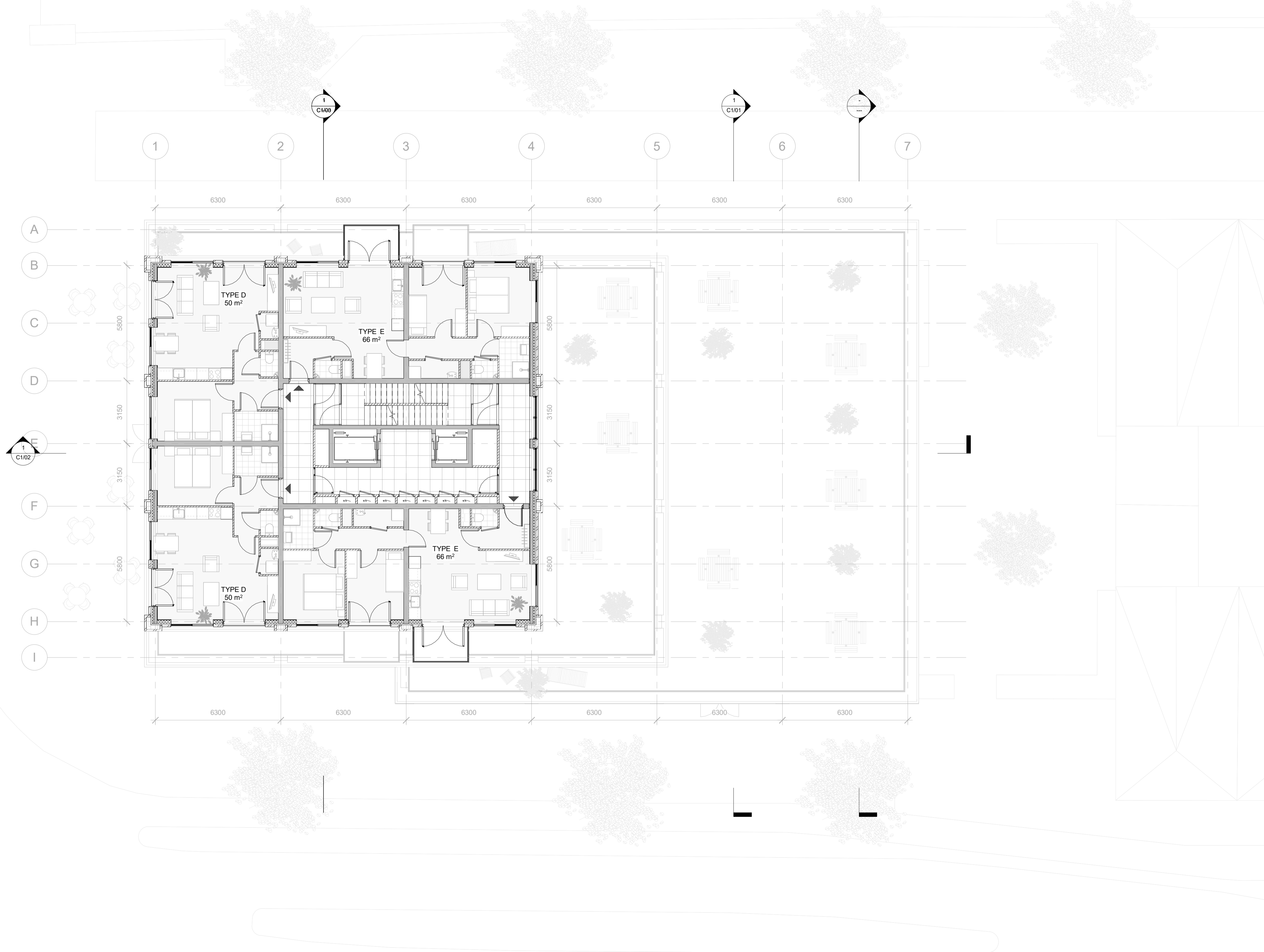
Drawn by A. Harboe Sorensen

Checked by -

A1/11

Scale 1 : 100





Marnixtoren

Level 12

Project number 0001

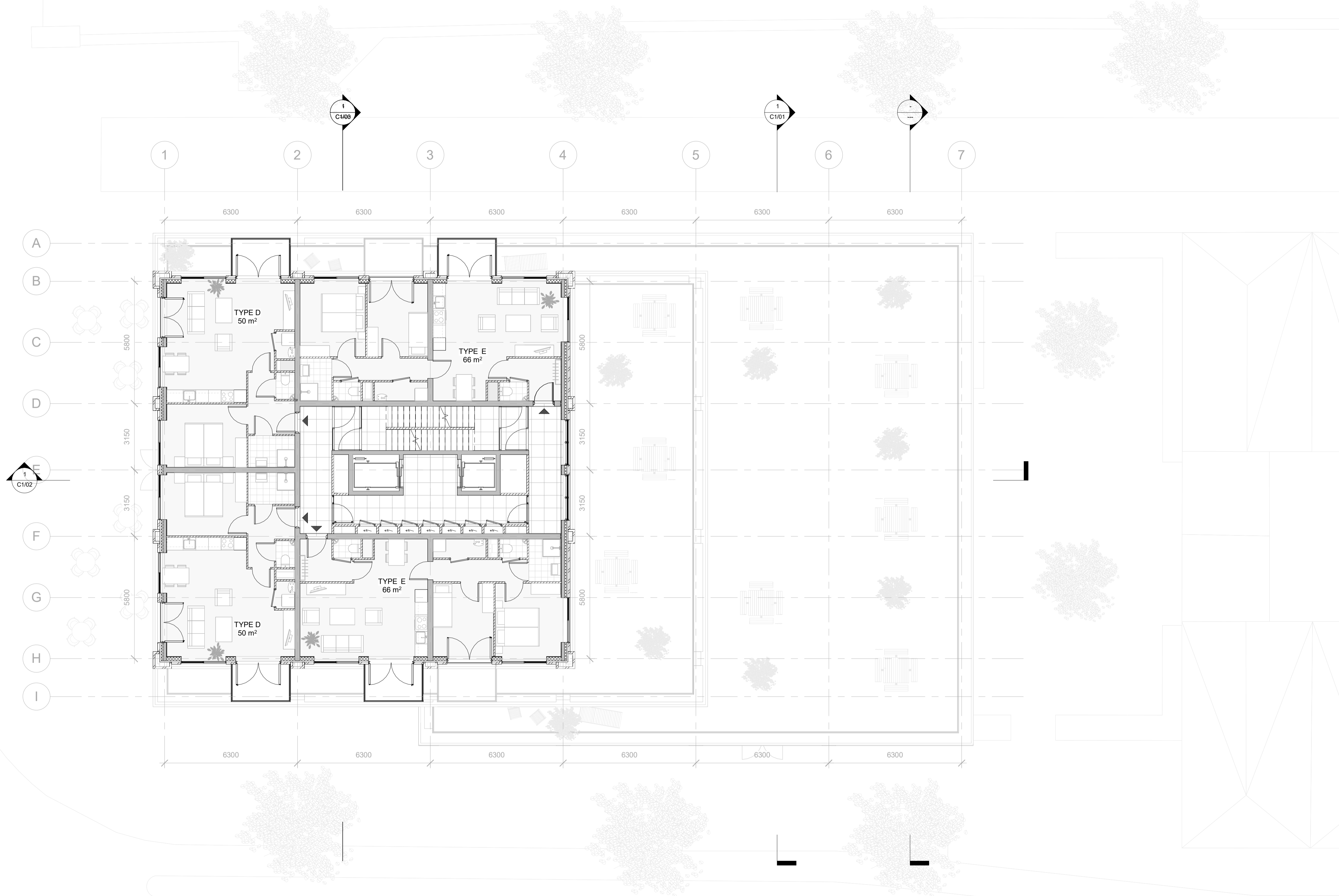
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/12

Scale 1 : 100



Marnixtoren

Level 13

Project number 0001

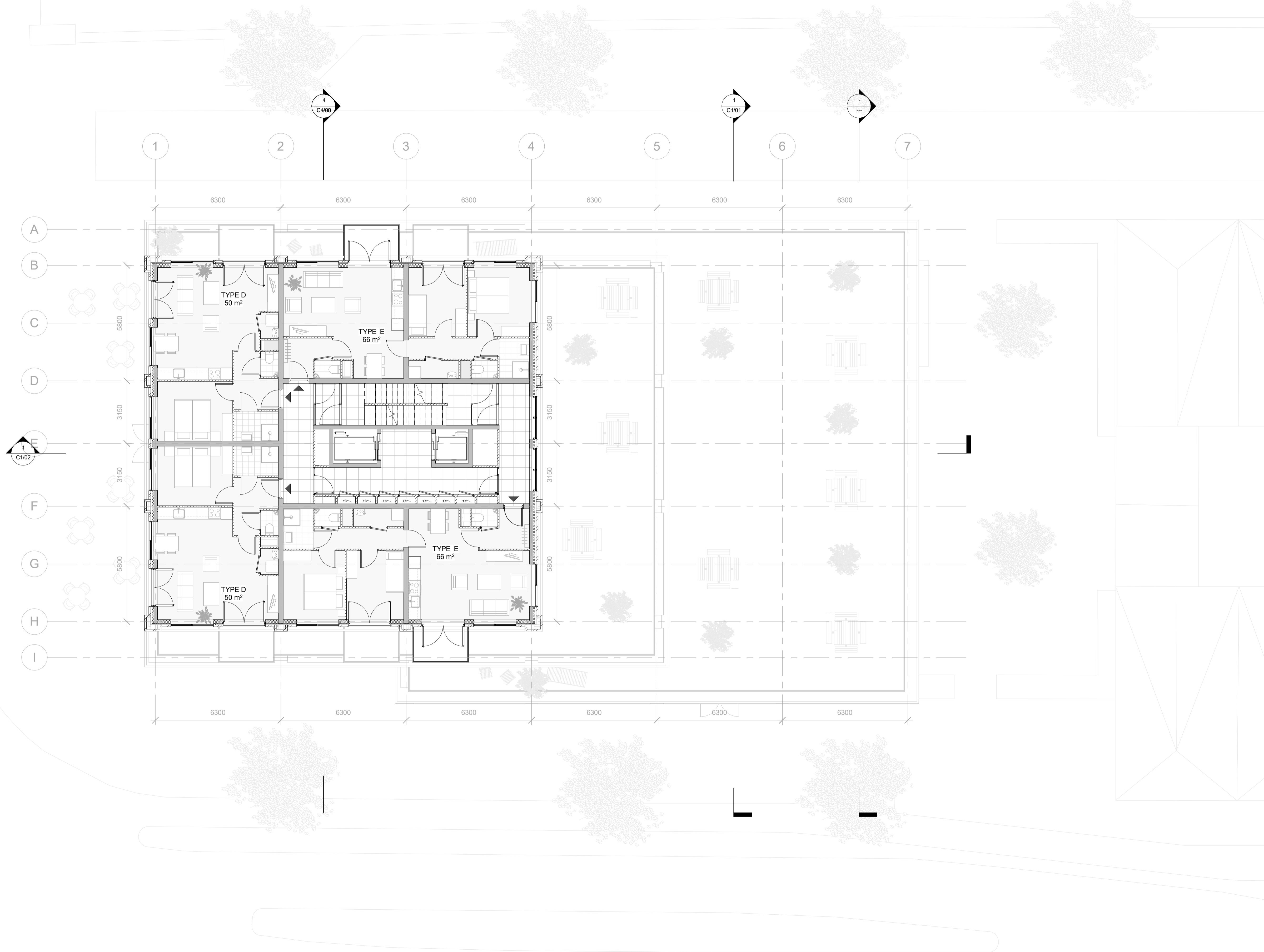
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/13

Scale 1 : 100



Marnixtoren

Level 14

Project number 0001

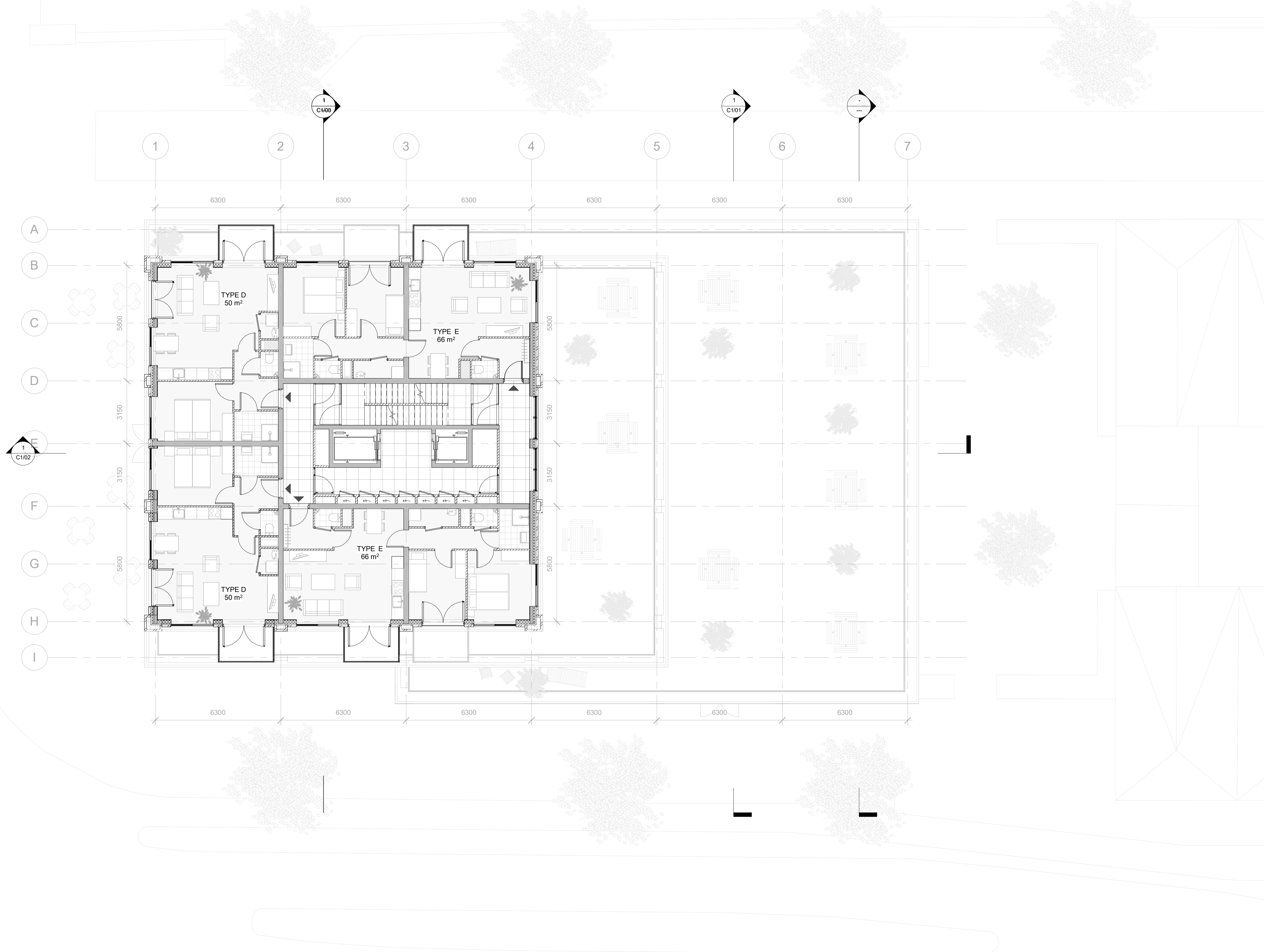
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/14

Scale 1 : 100



Marnixtoren

Level 15

Project number 0001

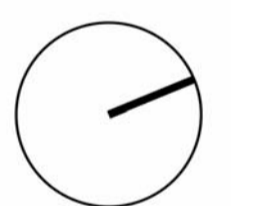
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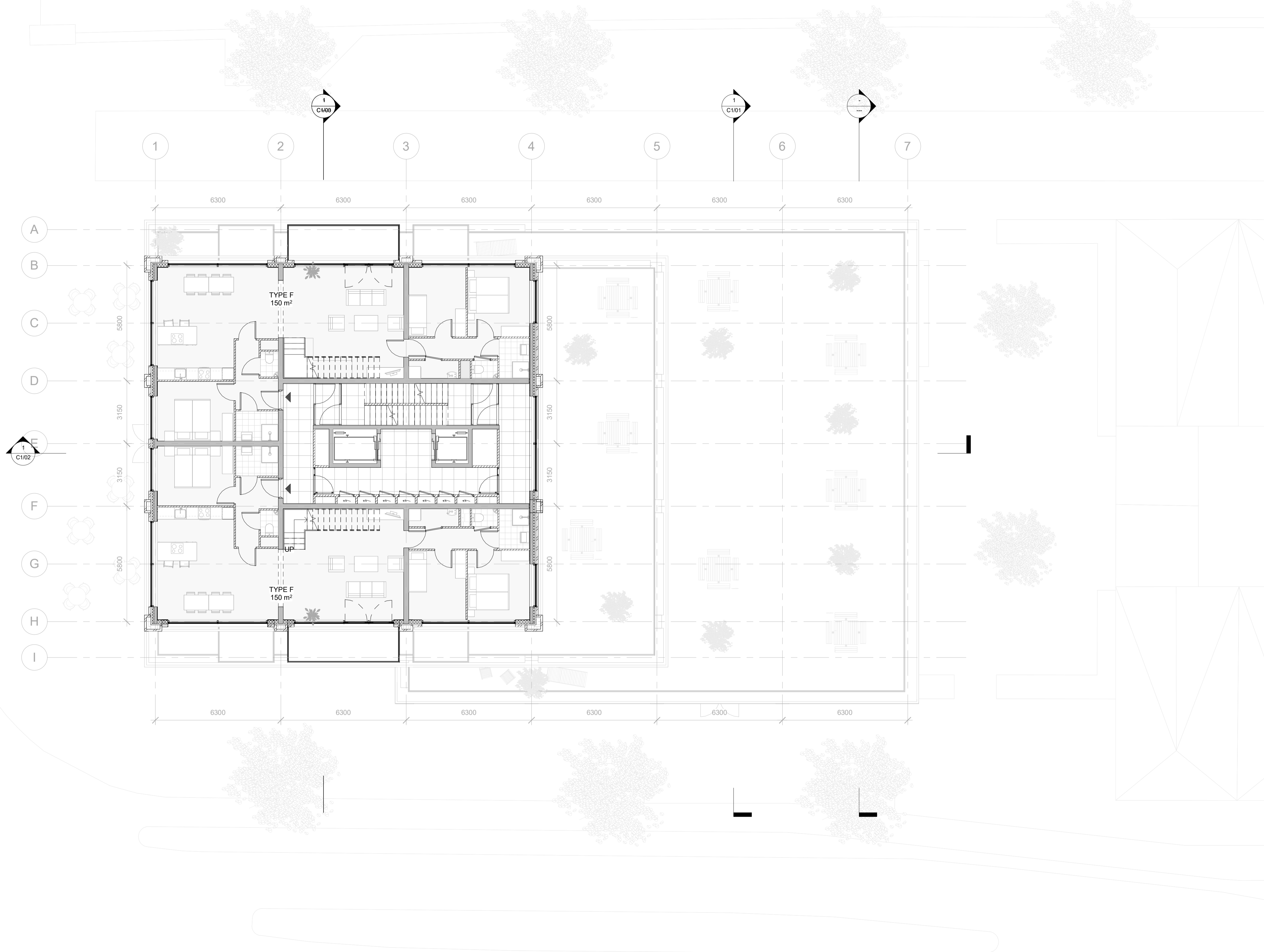
Drawn by A. Harboe Sorensen

Checked by -

A1/15

Scale 1 : 100





Marnixtoren

Level 16

Project number 0001

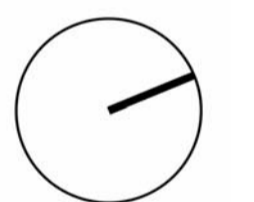
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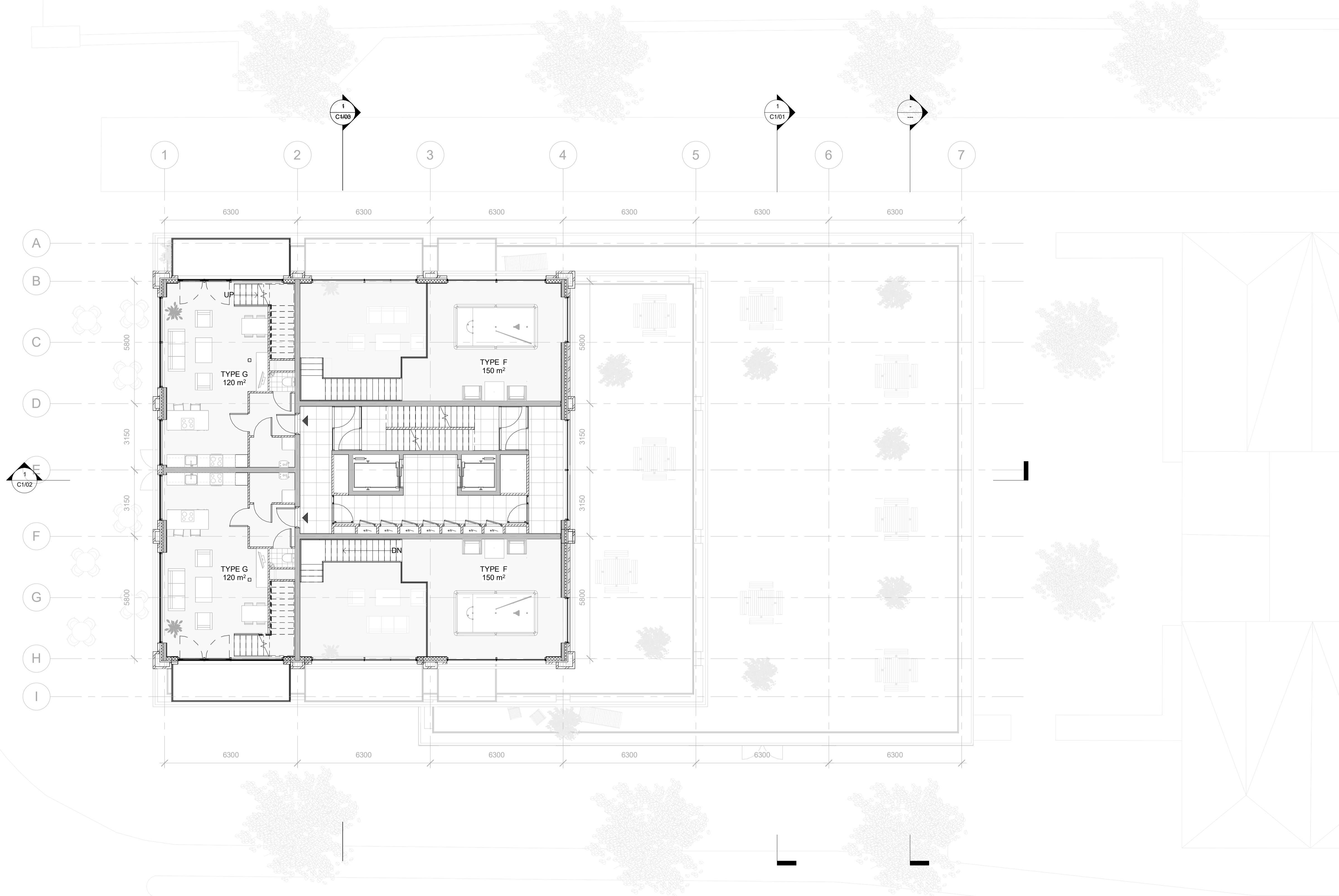
Drawn by A. Harboe Sorensen

Checked by -

A1/16

Scale 1 : 100





Marnixtoren

Level 17

Project number 0001

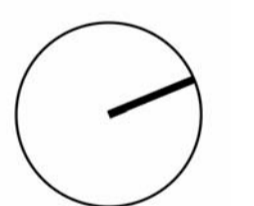
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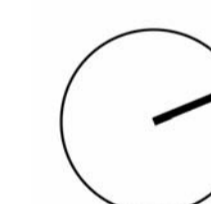
Drawn by A. Harboe Sorensen

Checked by -

A1/17

Scale 1 : 100





Marnixtoeren

Level 18

Project number 0001

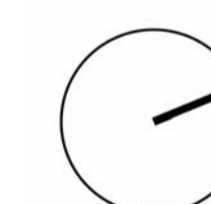
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/18

Scale



Marnixtoeren

Level 19

Project number 0001

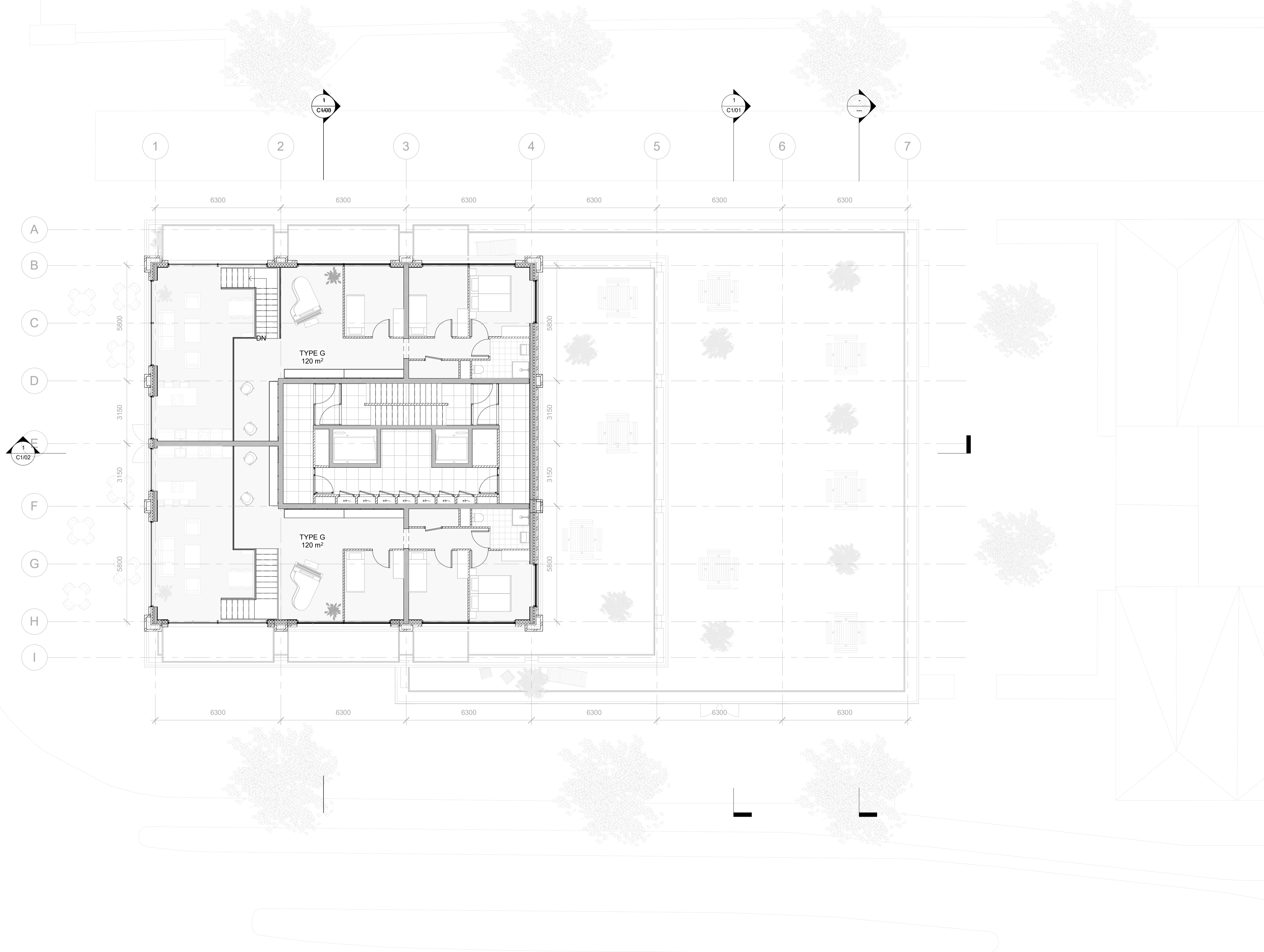
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/19

Scale



Marnixtoren

Level 18

Project number 0001

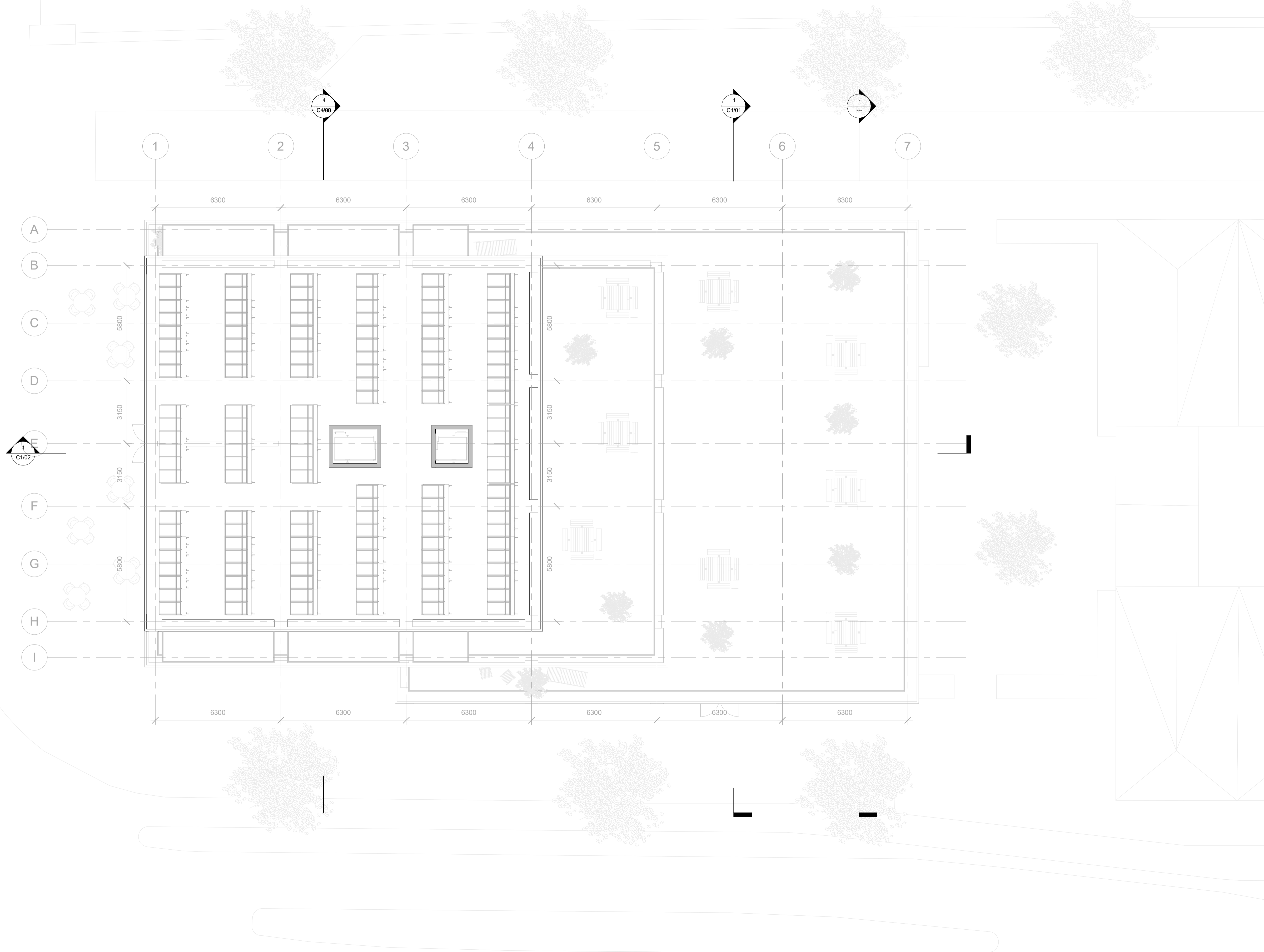
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/20

Scale 1 : 100



Marnixtoren

Level 19

Project number 0001

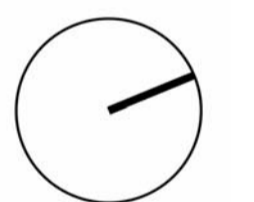
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

A1/21

Scale 1 : 100





Marnixoren

Elevation North

Project number 0001

Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

B1/03

Scale 1 : 150



Marnixoren

Elevation East

Project number 0001

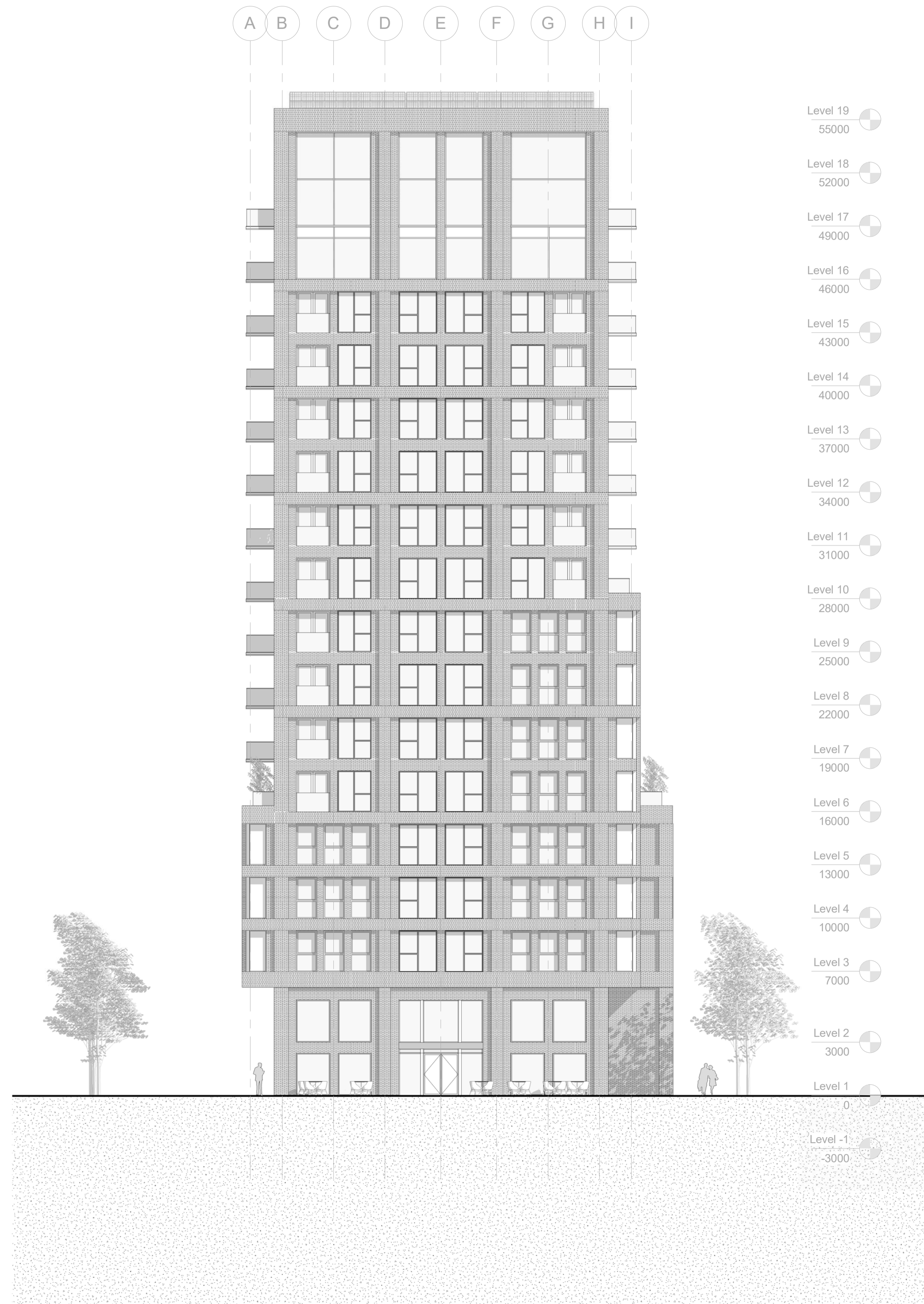
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

B1/01

Scale 1 : 150



Marnixtoren

Elevation South

Project number 0001

Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

B1/02

Scale 1 : 150



Marnixstoren

Elevation West

Project number 0001

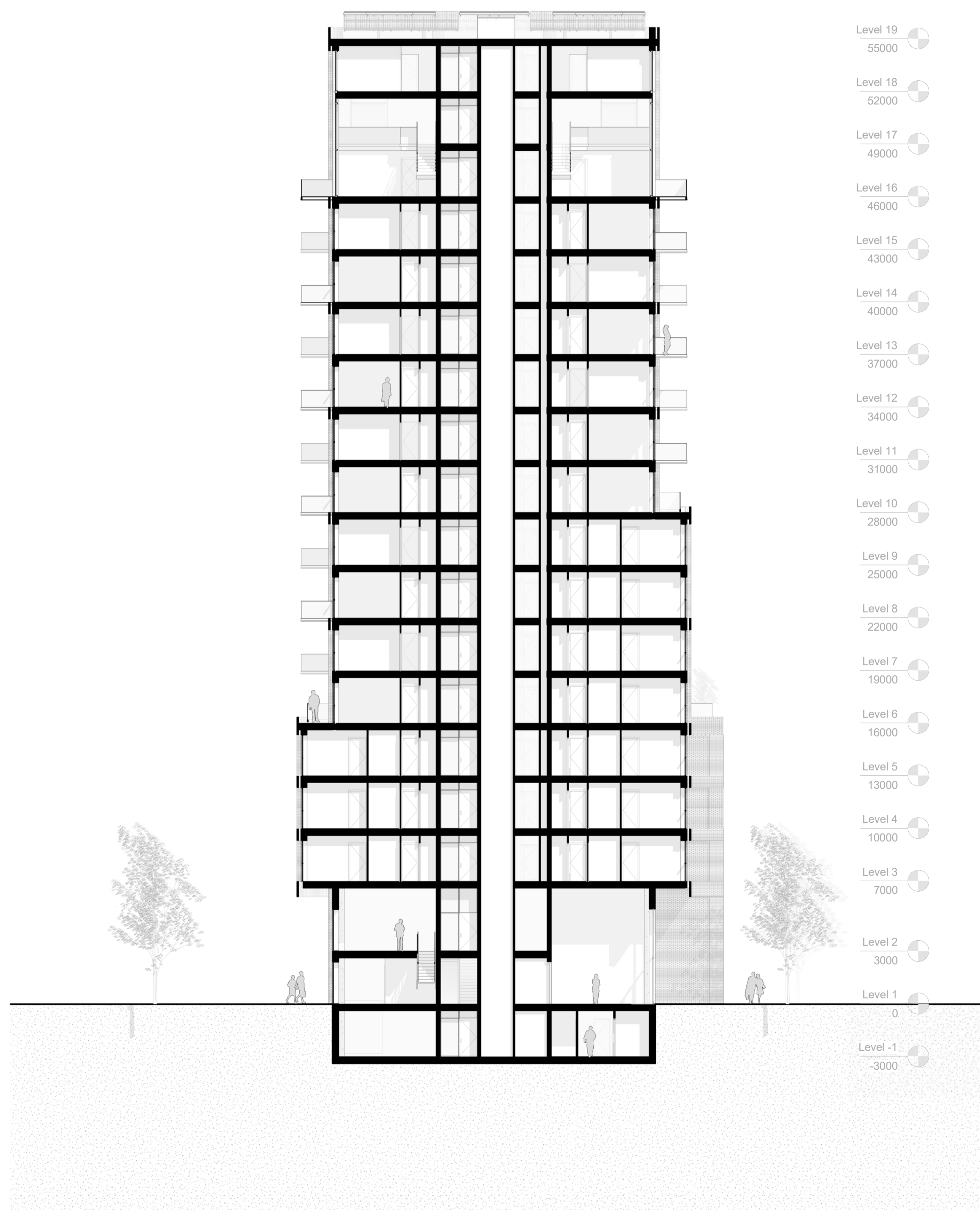
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

B1/00

Scale 1 : 150



Marnixtoren

Section A

Project number 0001

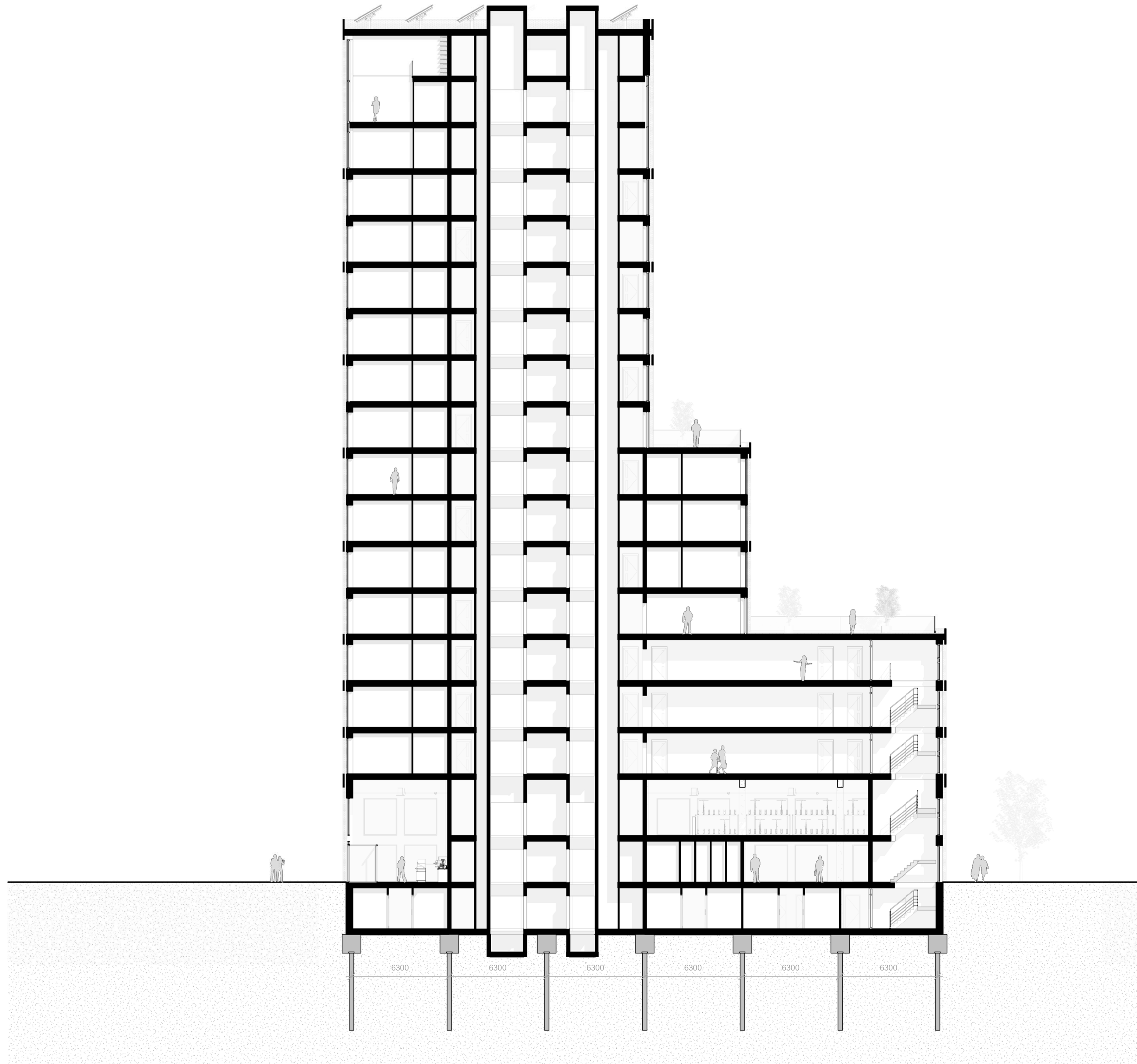
Date 29-01-2018

Drawn by A. Harboe Sorensen

Checked by -

C1/00

Scale 1 : 150



Marnixtoren

Section C

Project number 0001

Date 29-01-2018

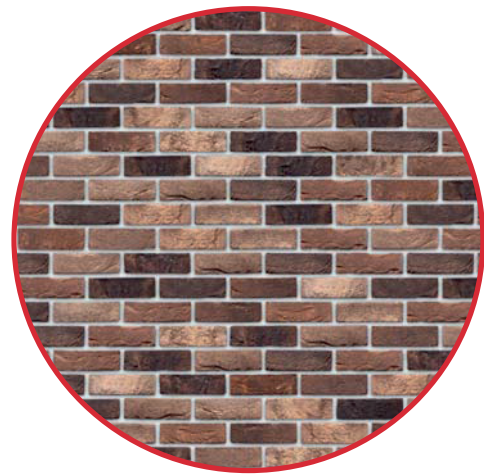
Drawn by A. Harboe Sorensen

Checked by -

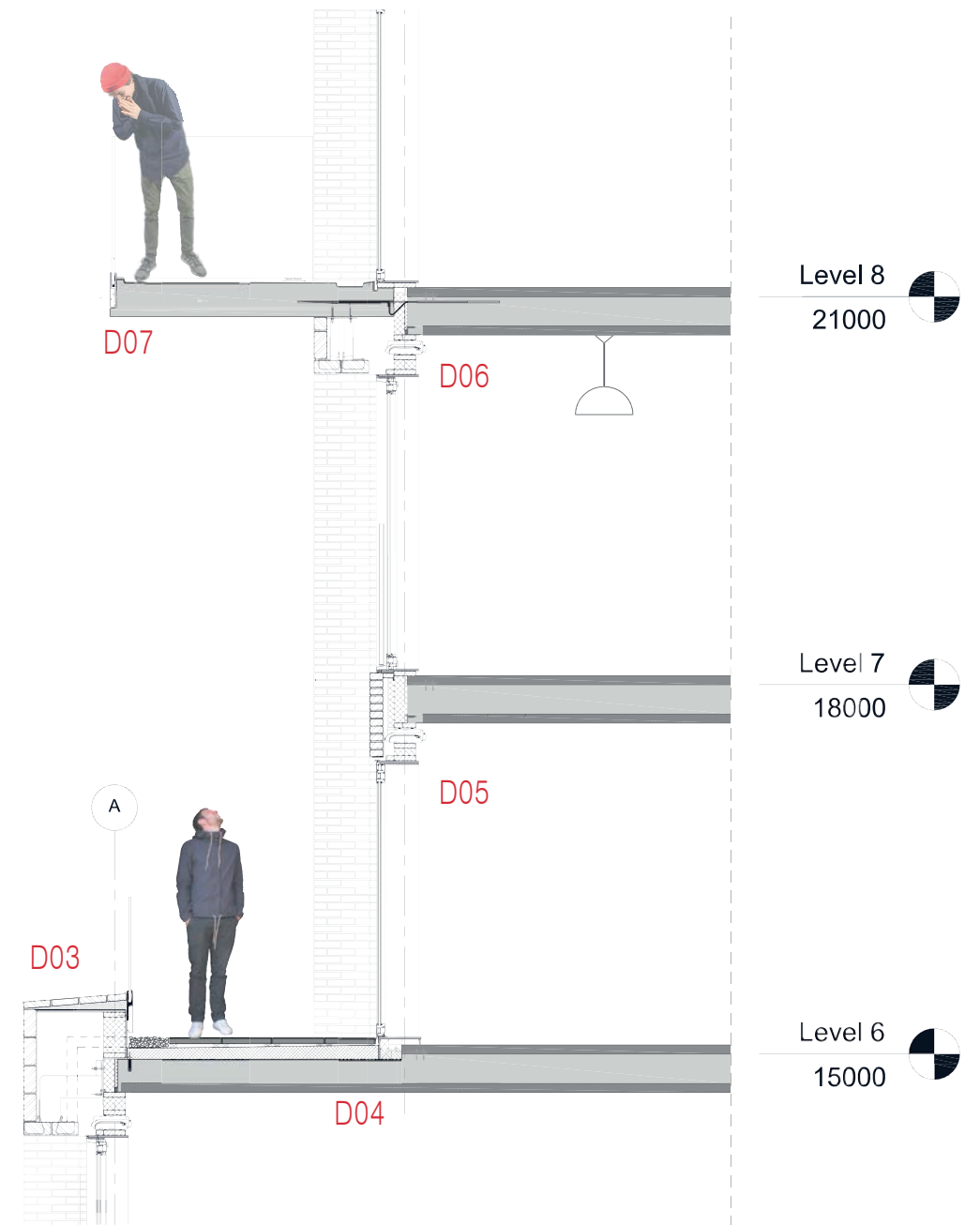
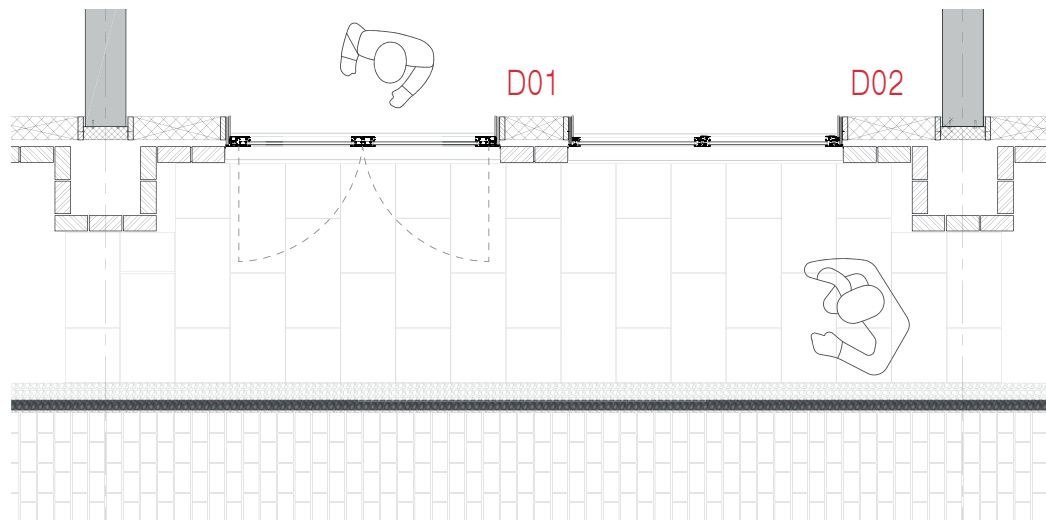
C1/02

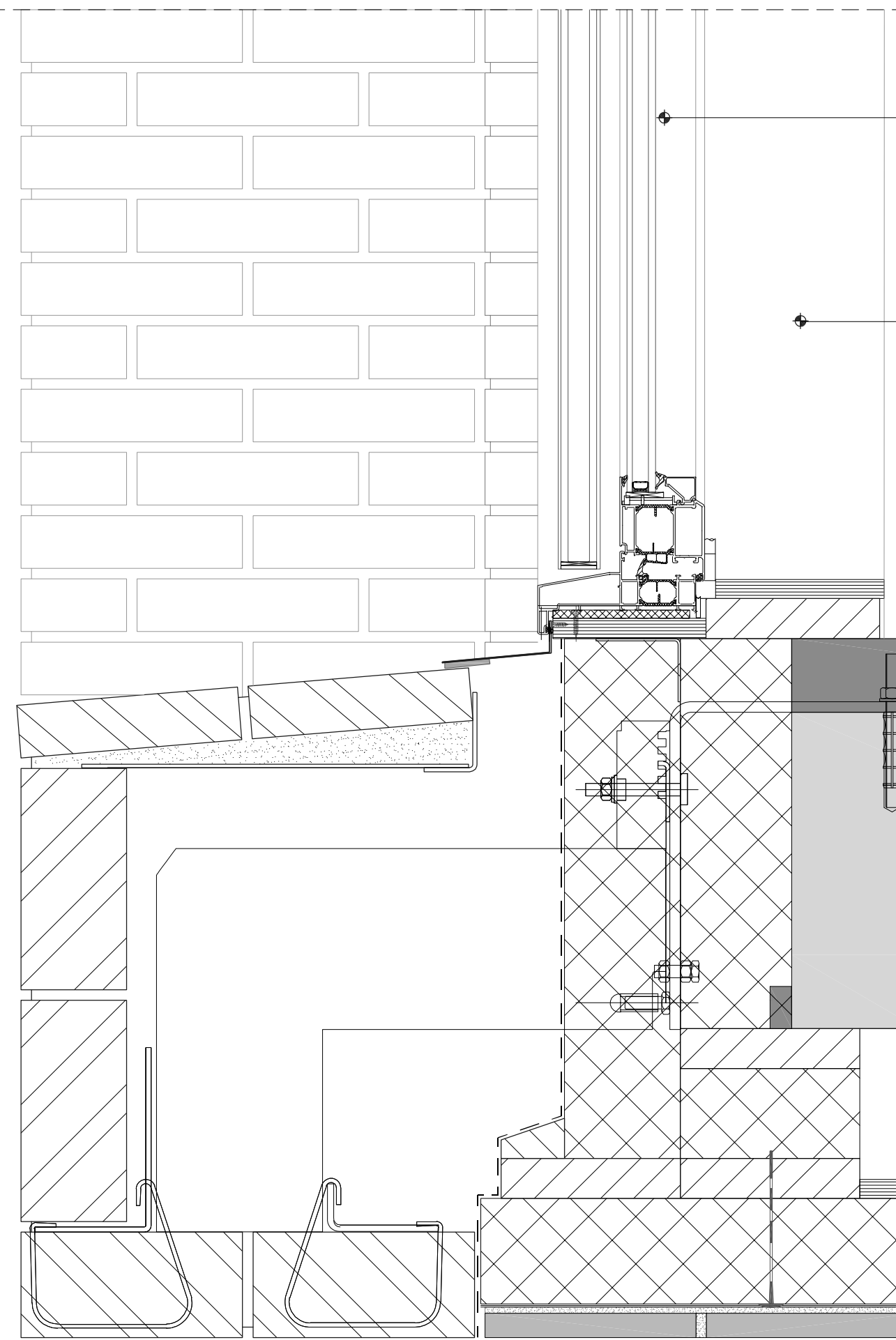
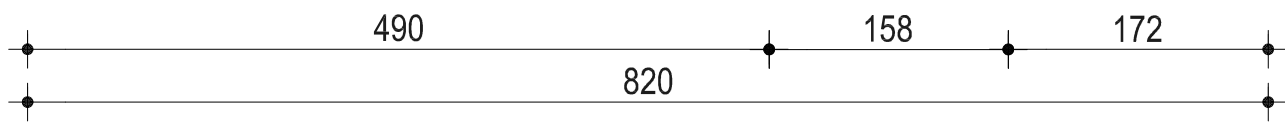
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Facade Fragment



FACADE FRAGMENT 1:25

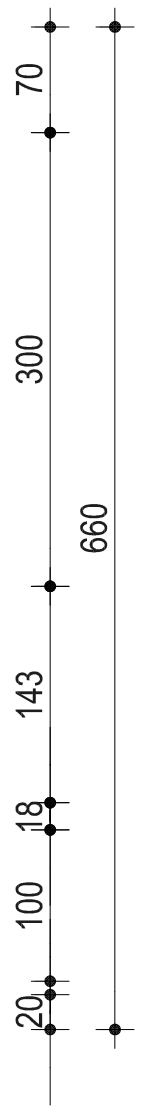




Door frame, inward opening
 - Schüco Door ADS 65, aluminum framing (RAL 7015), built-in frame fall prevention, tempered glass

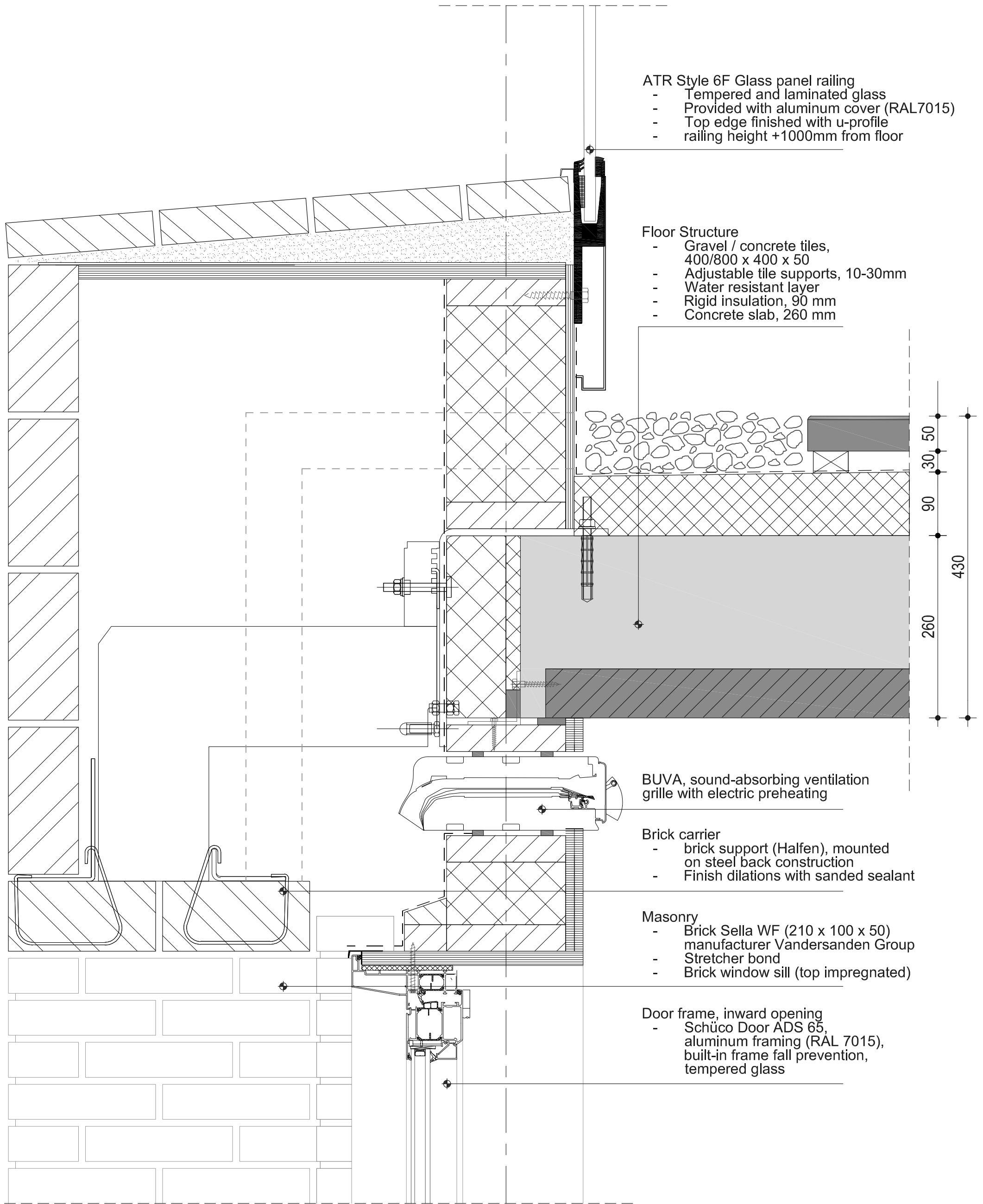
Light framing element, RC = 3.5 m²K/W
 - 2x Gypsum 12.5mm
 - Vapor barrier
 - Timber frame, 450 kg/m³, 38x170mm
 - Insulation 170 mm Isover Systemroll
 - Reflective, vapor permeable, water-retaining foil

Floor Structure
 - Cement screed, 70 mm
 - Concrete slab, 300 mm
 - Timber block, 143 x 100 mm
 - Stone veneer, 20 mm attached to rigid insulation, 100mm, mount using fixing pin with expansion screw



1:5

getekend:	A. Harboe Sorensen	schaal:	1:5
formaat:	A3	datum:	29-01-2018
project:	Marnixtoren	opdrachtgever:	-
DETAIL		tekeningnaam:	D00



ATR Style 6F Glass panel railing

- Tempered and laminated glass
- Provided with aluminum cover (RAL7015)
- Top edge finished with u-profile
- railing height +1000mm from floor

Floor Structure

- Gravel / concrete tiles, 400/800 x 400 x 50
- Adjustable tile supports, 10-30mm
- Water resistant layer
- Rigid insulation, 90 mm
- Concrete slab, 260 mm

BUVA, sound-absorbing ventilation grille with electric preheating

Brick carrier

- brick support (Halfen), mounted on steel back construction
- Finish dilations with sanded sealant

Masonry

- Brick Sella WF (210 x 100 x 50) manufacturer Vandersanden Group
- Stretcher bond
- Brick window sill (top impregnated)

Door frame, inward opening

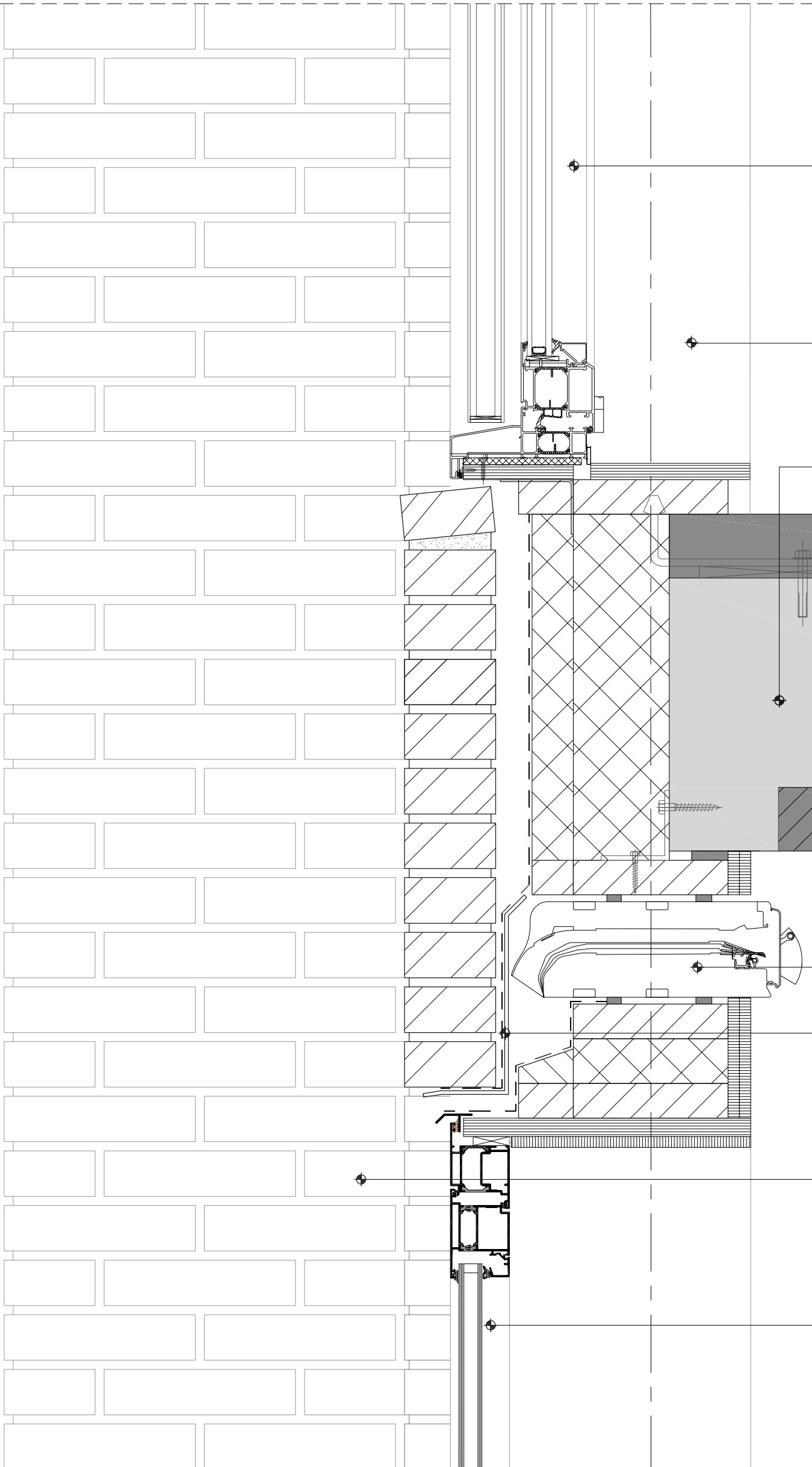
- Schüco Door ADS 65, aluminum framing (RAL 7015), built-in frame fall prevention, tempered glass

490 820 158 172

1:5

getekend:	A. Harboe Sorensen	schaal:	1:5
formaat:	A3	datum:	29-01-2018
project:	Marnixtoren	opdrachtgever:	-
DETAIL		tekeningnaam:	D03

490 820 158 172



Door frame, inward opening
 - Schüco Door ADS 65,
 aluminum framing (RAL 7015),
 built-in frame fall prevention,
 tempered glass

Light framing element, RC = 3.5 m2K/W
 - 2x Gypsum 12.5mm
 - Vapor barrier
 - Timber frame, 450 kg/m3, 38x170mm
 - Insulation 170 mm Isover Systemroll
 - Reflective, vapor permeable,
 water-retaining foil

Floor Structure
 - Cement screed, 70 mm
 - Isokorf
 - Concrete slab, 300 mm

70
 300
 370

BUVA, sound-absorbing ventilation
 grille with electric preheating

Brick carrier
 - brick support

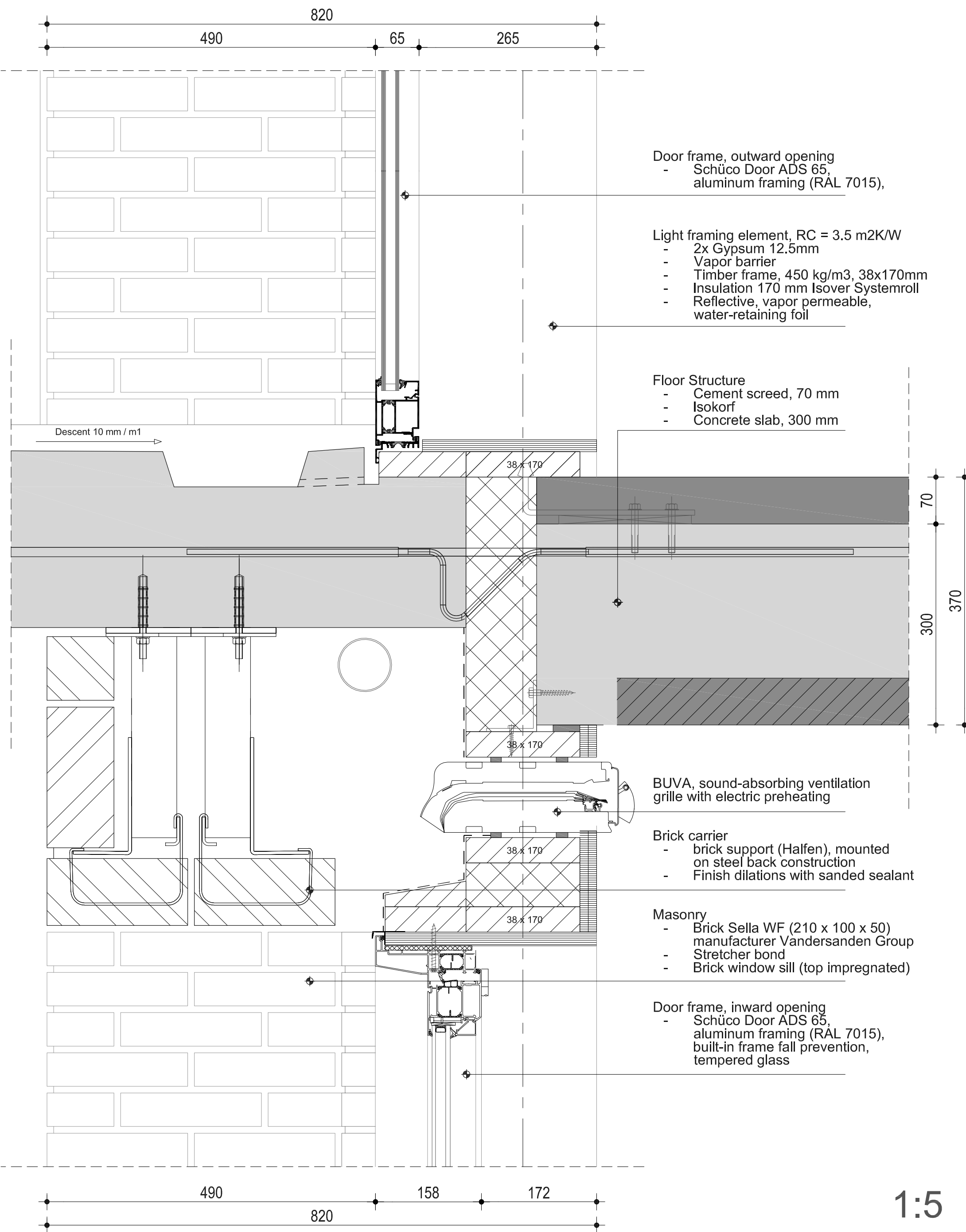
Masonry
 - Brick Sella WF (210 x 100 x 50)
 manufacturer Vandersanden Group
 - Stretcher bond
 - Brick window sill (top impregnated)

Door frame, outward opening
 - Schüco Door ADS 65,
 aluminum framing (RAL 7015),

490 820 65 265

1:5

getekend:	A. Harboe Sorensen	schaal:	1:5
formaat:	A3	datum:	29-01-2018
project:	Marnixtoren	opdrachtgever:	-
DETAIL		tekeningnaam:	D05



Door frame, outward opening
 - Schüco Door ADS 65,
 aluminum framing (RAL 7015),

Light framing element, RC = 3.5 m2K/W
 - 2x Gypsum 12.5mm
 - Vapor barrier
 - Timber frame, 450 kg/m3, 38x170mm
 - Insulation 170 mm Isover Systemroll
 - Reflective, vapor permeable,
 water-retaining foil

Floor Structure
 - Cement screed, 70 mm
 - Isokorf
 - Concrete slab, 300 mm

BUVA, sound-absorbing ventilation grille with electric preheating

Brick carrier
 - brick support (Halfen), mounted on steel back construction
 - Finish dilations with sanded sealant

Masonry
 - Brick Sella WF (210 x 100 x 50) manufacturer Vandersanden Group
 - Stretcher bond
 - Brick window sill (top impregnated)

Door frame, inward opening
 - Schüco Door ADS 65,
 aluminum framing (RAL 7015),
 built-in frame fall prevention,
 tempered glass

1:5

getekend:	A. Harboe Sorensen	schaal:	1:5
formaat:	A3	datum:	29-01-2018
project:	Marnixtoren	opdrachtgever:	-
DETAIL		tekeningnaam:	D06