

Byggeri
Karen Blixens Boulevard 7, 8220 Brabrand



BUUS A/S

Silkeborgvej 752

8220 Brabrand

10. april 2024

Side 1 af 6

Ejendommens matr.nr.: 14cø, Årslev By, Sdr. Årslev
Adresse: Silkeborgvej 752, 8220 Brabrand
Vedrørende: Landzonetilladelse til midlertidig opstilling af kontorcontainere

TEKNIK OG MILJØ

Aarhus Kommune

LANDZONETILLADELSE

Aarhus Kommune meddeler hermed landzonetilladelse til midlertidig opstilling af kontorcontainere på matr.nr. 14cø, Årslev By, Sdr. Årslev, beliggende Silkeborgvej 752, 8220 Brabrand.

Tilladelsen er givet på baggrund af fremsendt ansøgning og tegningsmateriale, modtaget den 14-03-2024.

En landzonetilladelse bortfalder, hvis ikke den er udnyttet inden 5 år.

Opstilling af de midlertidige kontorcontainere må ikke påbegyndes inden klagefristen for landzonetilladelsen er udløbet og byggetilladelse foreligger. Under "Sagens videre forløb", kan du se nærmere om klagefrister.

Byggeri

Karen Blixens Boulevard 7
8220 Brabrand

Telefon: 89 40 22 13

www.aarhus.dk/byggeri

Sag:

S2024-19230

Sagsbehandler:

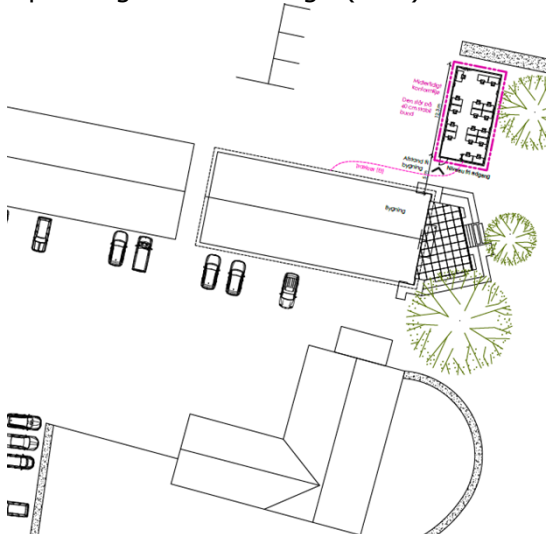
Simon Pedersen

Telefontid 9.30-11.30

Ekspeditionstid 9.30-15.00

Tilladelsen omfatter

Opstilling af midlertidige (2 år) kontorcontainere på 74 m².



Ansøgningsmaterialet er vedlagt afgørelsen.



Vilkår og forudsætninger

Tilladelsen er betinget af, at følgende vilkår overholdes:

- Kontorcontainerne tillades opsat i en periode på 2 år. Når de 2 år er gået, skal kontorcontainerne fjernes.

Faktiske forhold

Ejendommen

Ejendommen er en **ikke** landbrugsnoteret ejendom på 9919 m².

Bygge- og beskyttelseslinjer

Skovbyggelinje

Byggeriet er beliggende indenfor skovbyggelinjen. De ansøgte kontorcontainere ligger ca. 104 meter fra skovbrynet, og vurderes ikke at påvirke skoven eller skovbrynet yderligere, eftersom kontorcontainerne placeres i tilknytning til ejendommens eksisterende bebyggelse.

Natura 2000 og Naturbeskyttelse

Natura 2000

Aarhus Kommune vurderer, at byggearbejdet ikke vil have væsentlig indvirkning på dyre- og planteliv, herunder at der ikke vil ske forringelse eller beskadigelse af yngle-, vokse, eller rasteområder for særligt beskyttede arter jf. habitatsbekendtgørelsen.

Plangrundlag

Zonestatus

Ejendommen er beliggende i landzone.

Kommuneplan

Ejendommen er beliggende indenfor kommuneplanens rammeområde 240704BL.

Det fremgår af kommuneplanramme 240704BL, at områdets anvendelse fastlægges til bolig- og erhvervsformål. Hvor det vurderes hensigtsmæssigt til lokal forsyning, kan der desuden etableres enkelte dagligvarebutikker på op til 400 m² og enkelte udvalgsvarebutikker på op til 200 m². Området kan desuden anvendes til offentlige formål. Karakteren af landsbybebyggelsen - herunder beplantning - skal bevares og ved nyanlæg videreføres. Nye bygningers arkitektoniske udformning, materiale- og farvevalg skal medvirke til at opretholde og videreføre karakteren af det eksisterende miljø og den stedlige byggetradition, f.eks. med hensyn til bygningers placering i forhold til vej, skel, længde, bredde, facadehøjde, taghældning, udhæng, bygningsmaterialer, døre, vinduer, skorstenene mv. Eksisterende karakteristiske bebyggelser med tilhørende omgivelser, samt bebyggelse af særlig arkitektonisk og kulturhistorisk værdi skal bevares. Karakteristiske veje, stier, træer, le-

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vende hegn mv. skal bevares. Der kan inden for disse rammeområder stilles krav i lokalplaner om op til 25 % af boligetagearealet skal være almene boliger i de tilfælde, hvor lovgivningens vilkår herfor er opfyldt.

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Besigtigelse

Vi har ikke foretaget besigtigelse. Vurdering er foretaget på baggrund af projektmateriale, ansøgers oplysninger og luftfotos fra forskellige perioder.

Naboorientering

Der er ikke foretaget naboorientering, jf. Planlovens § 35, stk. 4, idet kommunen har skønnet, at det ansøgte er af underordnet betydning for naboerne. Der henvises til planlovens § 35, stk. 5.

Begrundelse for afgørelsen

I vurderingen har vi særligt lagt vægt på, at etablering af den midlertidige kontorbygning ikke strider mod de overordnede hensyn, som planloven skal sikre, idet den er midlertidig.

Vi har herudover lagt vægt på, at den midlertidige kontorbygning placeres i tilknytning til ejendommens eksisterende bebyggelse og ikke umiddelbart vil være til gene for de omkringboende.

Ligeledes har vi lagt vægt på, at det ansøgte er i overensstemmelse med de planmæssige interesser, som fremgår af Kommuneplan 2017 for Aarhus Kommune, idet områdets anvendelse blandt andet er fastlagt til erhvervsformål.

Samlet er det derfor vores vurdering, at opsætning af den midlertidige kontorbygning er hensigtsmæssig.

Retsregler

Aarhus kommune har truffet afgørelse og meddelt landzonetilladelse efter planlovens § 35.

Hovedformålet med planlovens zonedeling er at forhindre spredt bebyggelse i det åbne land og dermed sikre en klar grænse mellem by og land. Sigtet er at forbeholde landzonen til jordbrugserhvervene og at tilgodese landskabs- og naturværdier samtidig med, at egentlig byudvikling sker, hvor planlægningen åbner mulighed for det.

Opførelse af ny bolig/erhverv i landzone fører til byspredning og det er i strid med formålet for loven.

Planlov

Lov 388 af den 6. juni 1991 om planlægning, jf. lovbekendtgørelse nr. 1157 af 1. juli 2020.



Kommuneplan
Kommuneplan 2017 for Aarhus Kommune.

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Sagens videre forløb

Byggetilladelse

Det ansøgte kræver byggetilladelse. Der er ansøgt.

Byggeriet må ikke påbegyndes inden byggetilladelse foreligger.

Klagefrist

Vi vil ved annoncering offentliggøre, at landzonetilladelsen er givet. Annoncering forventes at finde sted den 11-04-2024.

Der kan klages til Planklagenævnet over, at landzonetilladelsen er givet. Klagefristen er 4 uger regnet fra annonceringen.

Landzonetilladelsen må ikke udnyttes, før klagefristen er udløbet, det vil sige dagen efter den 09-05-2024

Hvis der klages, vil du blive orienteret. I så fald må landzonetilladelsen ikke udnyttes, før klagesagen er afgjort.

Med venlig hilsen

Simon Pedersen
Byggesagsbehandler



Landzonetilladelsen meddeles på baggrund af følgende:

- 1. Fundament plan.pdf (1) 14-03-2024 11:24, modtaget den 14-03-2024, bilag D2024-91145.
- 1.1 BUUS situations plan.pdf (1) 14-03-2024 11:24, modtaget den 14-03-2024, bilag D2024-91146.
- 2. 2 Technical description.pdf (1) 14-03-2024 11:24, modtaget den 14-03-2024, bilag D2024-91147.
- 2. Tekniske installationer.pdf (1) 14-03-2024 11:24, modtaget den 14-03-2024, bilag D2024-91148.
- 3. BUUS Stue plan.pdf (1) 14-03-2024 11:24, modtaget den 14-03-2024, bilag D2024-91149.
- 4. Snit A-A.pdf (1) 14-03-2024 11:24, modtaget den 14-03-2024, bilag D2024-91150.
- 5. Facader.pdf (1) 14-03-2024 11:24, modtaget den 14-03-2024, bilag D2024-91151.
- 6. BRAND -Stue plan.pdf (1) 14-03-2024 11:24, modtaget den 14-03-2024, bilag D2024-91152.

Dokumenterne er vedhæftet tilladelsen.

Vedlagt

- Klagevejledning: Planloven

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KLAGEVEJLEDNING

10. april 2024

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PLANLOVEN

FORHOLD, DER KAN PÅKLAGES

Som hovedregel kan kun retlige spørgsmål påklages.

Du kan for eksempel klage over en afgørelse, hvis du mener, at kommunen har fejlfortolket loven eller ikke har overholdt procedure- og kompetence-reglerne. Du kan derimod ikke klage over skøns-mæssige afgørelser.

Afgørelser i forbindelse med byggeri m.v., der kræver landzonetilladelse, kan dog også påklages med hensyn til skønsmæssige afgørelser.

HVEM KAN KLAGE

Klage kan indsendes af alle, der har en væsentlig og individuel interesse i sagens udfald.

KLAGEFRIST

Klagefristen er 4 uger fra den dato, du har modtaget afgørelsen. Er afgørelsen offentligt bekendtgjort, regnes klagefristen fra annoncens dato.

KLAGEMYNDIGHED

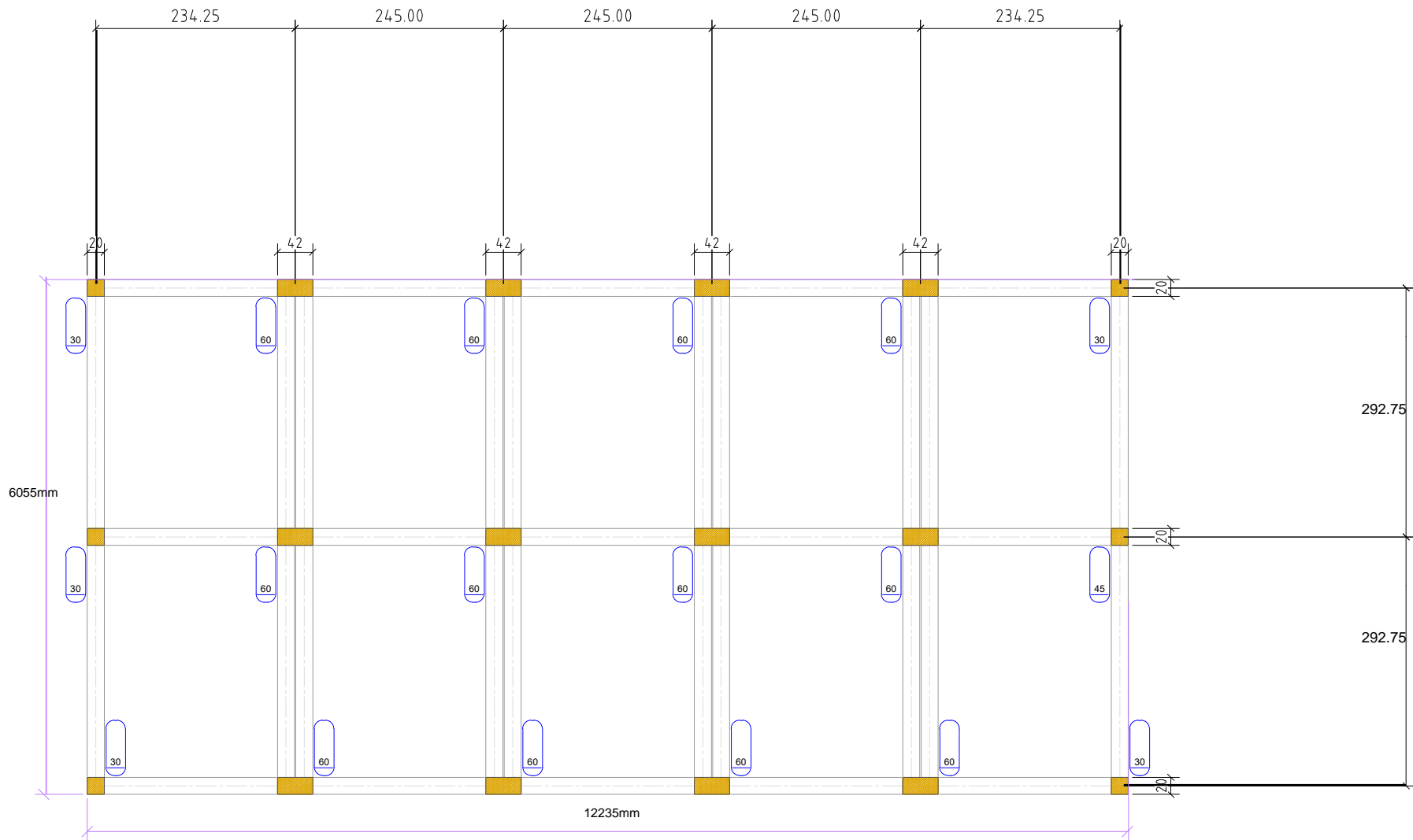
Planklagenævnet er klagemyndighed. Du klager via Klageportalen, som du finder på kpo.naevne-neshus.dk. Klageportalen ligger også på www.borger.dk og www.virk.dk. Du logger på www.borger.dk eller www.virk.dk, ligesom du plejer, typisk med NEM-ID/Mit-ID. Klagen sendes gennem Klageportalen til den myndighed, der har truffet afgørelsen. En klage er indgivet, når den er tilgængelig for myndigheden i Klageportalen. Når der klages, skal der betales et gebyr på 900 kr. for privatpersoner og 1800 kr. for virksomheder og organisationer. Gebyret skal betales med betalingskort i Klageportalen.

Planklagenævnet skal som udgangspunkt afvise en klage, der kommer uden om Klageportalen, hvis der ikke er særlige grunde til det. Hvis du ønsker at blive fritaget for at bruge Klageportalen, skal du inden udløbet af klagefristen sende en begrundet anmodning til den myndighed, der har truffet afgørelse i sagen. Myndigheden videresender herefter din anmodning til Planklagenævnet, som træffer afgørelse om, hvorvidt din anmodning kan imødekommes.

DOMSTOLSPRØVELSE

Hvis en afgørelse ønskes prøvet ved domstolene, skal sag anlægges inden 6 måneder efter, at du har modtaget afgørelsen. For afgørelser, der er offentligt bekendtgjort, regnes fristen fra annoncens dato.

NOVEMBER 2022



Pavilion placeres på 80mm betonfliser, hvor støttepunkter er angivet. Fliser står på 40 cm stabil bund

foundation/support plan

-) all measurements in cm
-) all foundation loads as design loads in kN
-) the depth of the foundation is depending on the prevailing ground structure on site
- ...foundation/ support points

support loads for:
CTX - PLUS Line
 — ...for single-storey modular buildings

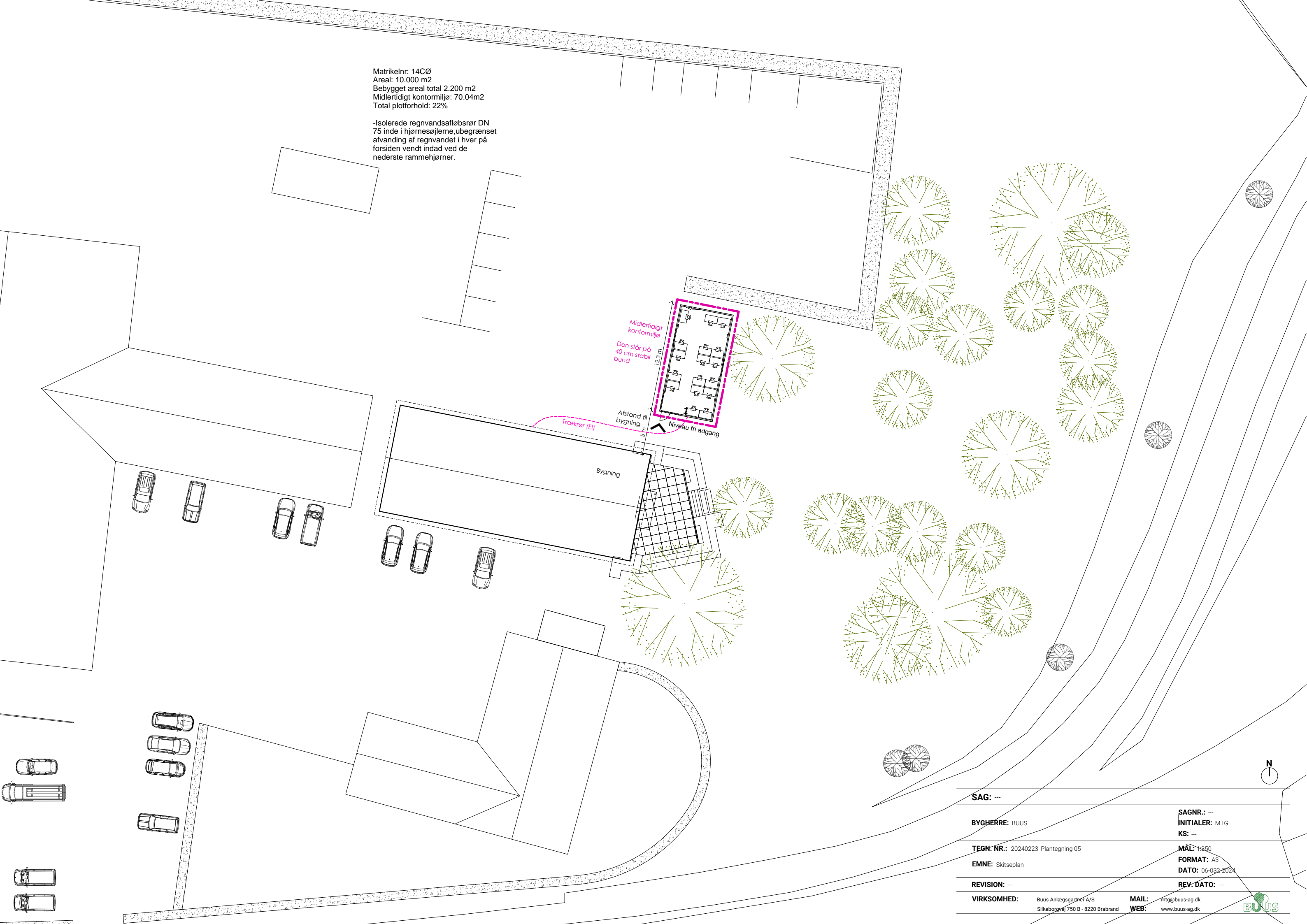


scale 1:70 paper format: A4

drawing made by: Containex
 drawing date: 28.02.2024 f_P0102449-004.dwg

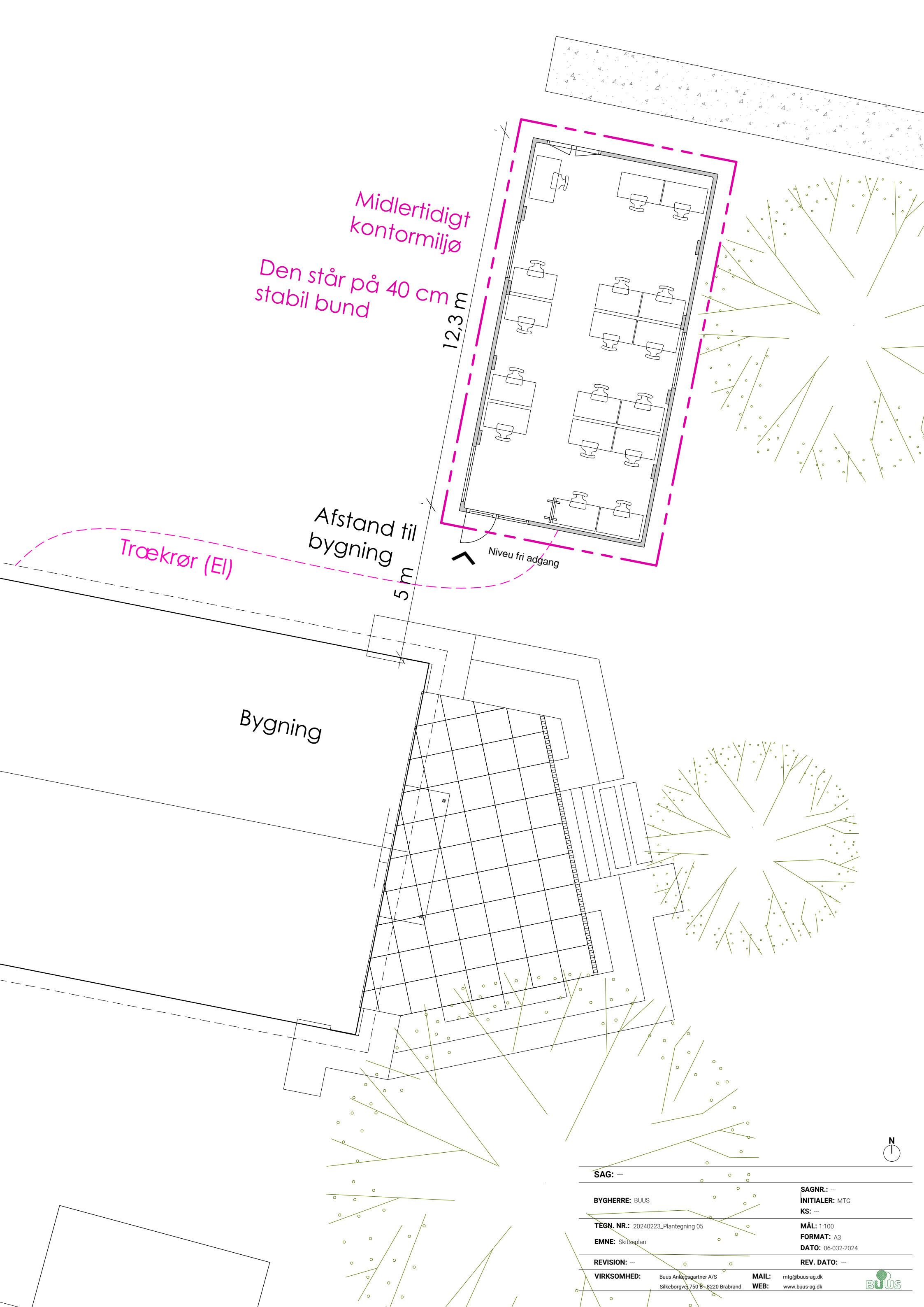
Matrikelnr: 14CØ
Areal: 10.000 m2
Bebygget areal total 2.200 m2
Midlertidigt kontormiljø: 70.04m2
Total plotforhold: 22%

-Isolerede regnvandsafløbsrør DN 75 inde i hjørnesøjlerne, ubegrænset afvanding af regnvandet i hver på forsiden vendt indad ved de nederste ramnehjørner.



SAG: ---	SAGNR.: ---
BYGHERRE: BUUS	INITIALER: MTG
TEGN. NR.: 20240223_Plantegning 05	KS: ---
EMNE: Skitseplan	MÅL: 1:350
REVISION: ---	FORMAT: A3
VIRKSOMHED: Buus Anlægsgartner A/S Silkeborgvej 750 B - 8220 Brabrand	MAIL: mtg@buus-ag.dk WEB: www.buus-ag.dk
	DATO: 06-03-2024
	REV. DATO: ---





Midlertidigt kontormiljø

Den står på 40 cm stabil bund

12,3 m

Afstand til bygning

5 m

Trækrør (EI)

Niveau fri adgang

Bygning

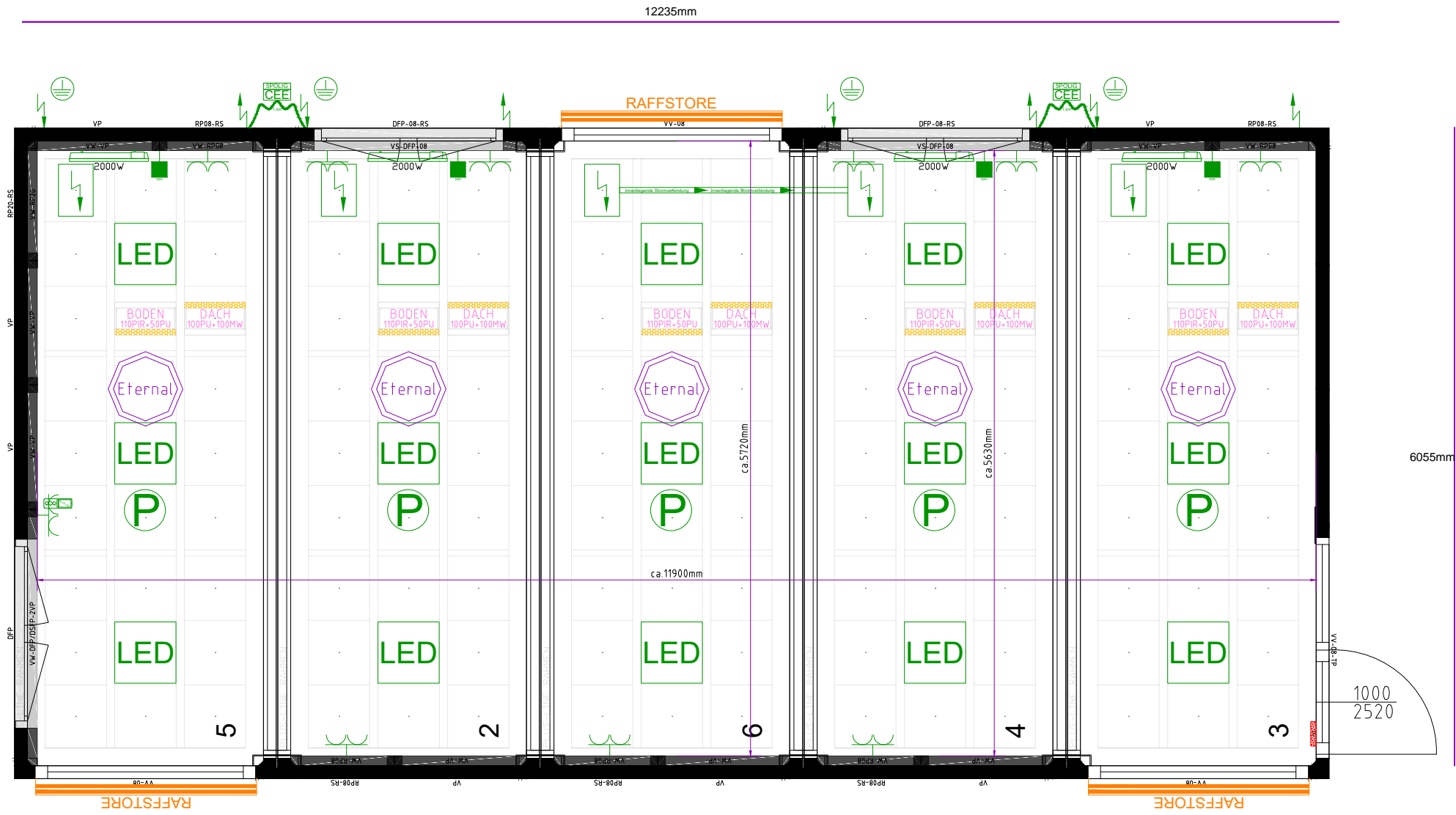


SAG: ---	SAGNR.: ---
BYGHERRE: BUUS	INITIALER: MTG KS: ---
TEGN. NR.: 20240223_Plantegning 05	MÅL: 1:100 FORMAT: A3
EMNE: Skitseplan	DATO: 06-032-2024
REVISION: ---	REV. DATO: ---
VIRKSOMHED: Buus Anlægsgartner A/S Silkeborgvej 750 B - 8220 Brabrand	MAIL: mtg@buus-ag.dk WEB: www.buus-ag.dk



There may be deviations in the technical specifications and/or fittings.

Modular building consisting of:
 cabins: 5x20'
 internal height: 2550 mm
 colour: R: RAL 7016 P: RAL 7016



- General**
 Internal finish: white
- Electrics**
 Electrics: DK (400V/32A/5-poles)
 flexible cable system
- Occupancy detector**
 (P) occupancy detector
- Floor assembly**
 without forklift pockets
- Floor insulation:** 110 mm PIR panel / 50 mm PU
 Plywood floor
- Eternal flooring**
 Safestep flooring
- Roof assembly**
 Roof insulation: 80 mm PU panel / 120 mm mineral wool
- Fire protection REI30**
 panels
 Wall insulation: 110 mm PIR
- window**
 Floor to window frame height: 1030 mm
 Office window with triple glazing with toughened safety glass (2-chamber)
 including roller shutters with additional insulating wedge and aluminium slats
 PVC frame with aluminium clips in RAL 7016
- Gas filled window
- IP glazing with triple glazing and reinforced safety glass (2 chambers)
 Aluminium frame exterior - RAL 7016
 Aluminium frame interior - white
- with Venetian blinds including electric drive

p0102449-004.dwg



scale X
 paper format: A3

Please acknowledge and return
 Signature, company stamp

Drawn by: TK
 Drawn on: 28.02.2024

Drawing No. p0102449-004.dwg

Date:

Technical description

CONTAINEX PLUS LINE

Portable, sanitary and corridor cabins

Date:
30.10.2023

Author:
CONTAINEX Container Handelsgesellschaft m.b.H.

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1 General

The following description refers to the specification and design of new portable, sanitary and corridor cabins.

The external dimensions of our cabins are adapted to the ISO-standard and therefore have many advantages of that system. They consist of a robust frame construction and have interchangeable wall elements.

1.1 Dimensions and weights

Dimensions and weights								
	Type	External dimensions [mm]			Internal dimensions [mm]			Weight [kg]
		Length	Width	Height	Length	Width	Height	BM
CAH 3100	10'	2,989	2,435	3,100	2,749	2,195	2,550	1,500
	16'	4,885	2,435	3,100	4,645	2,195	2,550	2,400
	20'	6,055	2,435	3,100	5,815	2,195	2,550	2,900
	24'	7,335	2,435	3,100	7,095	2,195	2,550	3,500
	20' x 10'	6,055	2,989	3,100	5,815	2,749	2,550	3,500

NOTE: The dimensions and weights listed (approx. details) may vary depending on the version and equipment.

1.2 Abbreviations

The following abbreviations are used in the document:

Portable cabin PLUS Line	BP
Sanitary cabin PLUS Line	SP
Corridor cabin PLUS Line	GP
Portable cabin PLUS Line 20'x10'*	3P20
Sanitary cabin PLUS Line 20'x10'*	4P20
Internal staircase cabin PLUS Line 20'x10'	TP20

* only available in a modular building in combination with an internal staircase cabin TP20

Polyisocyanurate	PIR
Polyurethane	PU
Internal height	RIH
External cabin height	CAH
Toughened safety glass	ESG
Laminated safety glass	VSG

1.3 Load assumptions

1.3.1 Snow loads

Characteristic snow load on the floor

$s_k = 2.5 \text{ kN/m}^2$ (250 kg/m²)

Shape parameters $\mu=0.8$ ($s = \mu \cdot s_k = 2.0 \text{ (kN/m}^2 \text{ (200 kg/m}^2\text{))}$)

1.3.2 Wind loads

Wind load

$v_{b,0} = 27.5 \text{ m/s}$ (100 km/h)

Terrain category: mixed profile II / III (landlocked)

At wind speeds of more than than 27.5 m/s (100 km/h) additional securing of the cabins must be carried out (anchoring, screwing, etc.). Such measurements are to be calculated by approved specialists taking into consideration local standards and conditions.

1.3.3 Floor payloads

1.3.3.1 Payloads for BP / SP 10', 16' and 20'

Ground floor: Max. load capacity

$q_k = 4.0 \text{ kN/m}^2$ (400 kg/m²)

1.3.4 Basic principles of the structural calculations

Exposed side

DIN EN 1990 /NA (Eurocode 0; basics of structural engineering)

DIN EN 1991-1-1 /NA (Eurocode 1; tare weights and payloads)

DIN EN 1991-1-3 /NA (Eurocode 1; snow loads)

DIN EN 1991-1-4 /NA (Eurocode 1; wind loads)

Non-exposed side

DIN EN 1993-1-1 /NA (Eurocode 3; steel construction – general rules for building construction)

DIN EN 1995-1-1 /NA (Eurocode 5; timber construction – general rules for building construction)

The calculations were carried out according to European standards of the EN series. The associated German national application documents were taken into account.

Other special load events (e.g. earthquake effects, impact loads) were not taken into account!

1.4 Insulation

Roof			
Insulation material	Thickness [mm]	U_{\max} value [W/m ² K] in the infill	U_{\max} value [W/m ² K] according to EN10211
PU + MW	80 + 120	0.16	0.18
PU + MW	100 + 100	0.15	0.17

Wall element			
Insulation material	Thickness [mm]	U_{\max} value [W/m ² K] in the infill	U_{\max} value [W/m ² K] according to EN10211
Full blank panel PIR	110	0.20	0.20
Extra stud wall PIR + MW	110 + 80	0.13	0.14

Floor			
Insulation material	Thickness [mm]	U_{\max} value [W/m ² K] in the infill	U_{\max} value [W/m ² K] according to EN10211
PIR + MW	110 + 50	0.14	0.20
PIR + PU	110 + 50	0.13	0.17

Window/ Doors		
Description	Construction [mm]	U _g value [W/m ² K] *
Triple glazing insulation with gas filling	4/12/4/12/4	0.7

* The U-values relate to the U_g value (U-value of the glass) of the specified glazing.

2 Cabin design

2.1 Frame construction

2.1.1 Floor frame:

Welded steel frame construction made of edged and rolled sections, 4 welded frame corners, edged and welded cross beams, profile height of floor frame: 180 mm, no forklift pockets available.

2.1.2 Roof frame:

Welded steel frame construction made of edged and rolled sections, 4 welded frame corners, edged and welded roof cross beams, profile height of roof frame: 250 mm.

2.1.3 Corner column:

Made of edged and welded steel profiles, edge length 170 mm, screwed tightly to the floor and roof frame

2.1.4 Rainwater drainage:

Insulated rainwater drainage pipes DN 75 inside the corner columns, unrestricted drainage of the rainwater each on the front facing inwards at the lower frame corners.

2.2 Floor

2.2.1 Insulation

Insulation material

- **110mm PIR + 50mm MW**
Fire behaviour PIR B-s2, d0 according to EN 13501-1
Fire behaviour MW: fire behaviour A1 (not flammable) according to EN 13501-1

2.2.2 Floor cover

Floor board

- **Plywood panel - thickness 21 mm**
E1 in accordance with EN 636:2012
Fire behaviour D-s2, d0 or Dfl-s1 according to EN 13501-1

Floor cover

- Vinyl floor cover, welded in sheets

Vinyl floor covers			
	Eternal	Safestep	Norm
Total thickness	2.0 mm	2.0 mm	EN ISO 24346
Wear layer	0.7 mm	0.7 mm	EN ISO 24340
Fire behaviour	B _{fl} -s1	B _{fl} -s1	EN 13501-1
Slip resistance	R 10	R 11	DIN 51130
	---	B	DIN 51097
Classification usage class	34 / 43	34 / 43	EN ISO 10874
Electrostatic behaviour	≤ 2 kV	≤ 2 kV	EN 1815

2.3 Roof structure

2.3.1 Insulation

Insulation material

- **80mm PU + 120mm MW**
Fire behaviour PU: E according to EN 13501-1
Fire behaviour MW: A1 (non flammable) according to EN 13501-1
-

2.3.2 Ceiling boards

- **15mm plasterboard**
Fire behaviour A2-s1, d0 according to EN 13501-1
- **Internal ceiling**
Internal ceiling as acoustic ceiling, consisting of suspended, micro-perforated or smooth sheet steel profiles 600 x 600 mm, similar to RAL 9010, individual elements removable with restraint, including acoustic tiles

2.3.3 CEE connectors:

- Externally sunk into short sided cabin frame

2.4 Wall panels

2.4.1 Panels

Wall thickness

- 110mm

Available items

- Blank full panel *
- Double panel
- Window panel
- Blank half panel
- Double panel (only for windows or doors)
- Blank infill panel

* Doors and windows only possible in full panel or double panel

External cladding

- Corrugated, galvanised and coated steel sheet, thickness 0.60 mm

Insulation material

- **PIR**
Fire behaviour B-s2, d0 according to EN 13501-1

Insulation thickness

- 110mm

Internal cladding

- **Galvanised steel sheet**

Thickness 0.50 mm, colour: RAL 9010

Fire behaviour A1 (non flammable) according to EN 13501-1

2.7 Windows/Doors

Specification

Frame with 3-pane insulated glazing (ESG) including gas filling and fitted roller shutters

- Externally with aluminium clips in cabin colour
- Internal colour: RAL 9010
- Insulated roller shutter box with blind fastener
- Aluminium slats, foamed
- Colour similar to RAL 9006
- One hand tilt & turn mechanism

ATTENTION: The built-in insulation glass is only suitable for use at altitudes up to 1,100 m above sea level. Above 1,100 m sea level windows with a pressure compensating valve need to be used.

<i>Window options</i>	<i>Parapet height</i>	<i>External dimension</i>	<i>Clear opening</i>
Double window with floating mullion (without centre bar)	1,030 mm	1,745 x 1,200 mm	1,560 x 1,015 mm

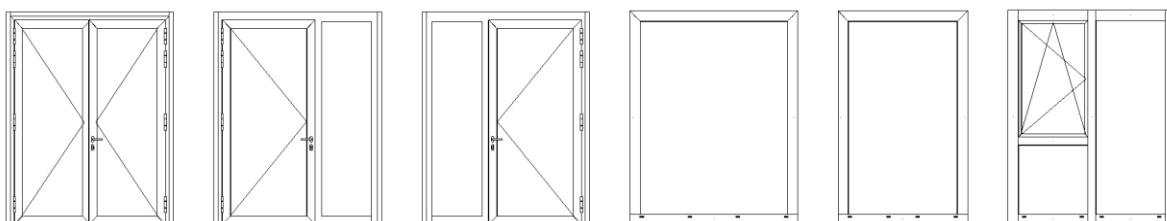
- VSG glazing
- Venetian blinds (for office windows and double windows) with remote control

2.8 Glazing

Specification

- Thermally separated aluminium frame with 3-pane insulated glazing (ESG) including gas filling
- External paint: cabin colour
- Internal colour: RAL 9010

ATTENTION: The built-in insulation glass is only suitable for use at altitudes up to 1,100 m above sea level. Above 1,100 m sea level windows with a pressure compensating valve need to be used.



Optional

- VSG glazing
- Emergency exit according to EN 179
- Emergency lock according to EN 1125
- Venetian blinds with remote control

3 Electrical installations

- Specification Concealed cabling
- Protection class IP20
- Plug insert according to country standards
 - VDE
 - CH
 - GB
 - IRL
 - FR
 - DK
- Country specific design / variations possible

3.1 Technical data

	Basis VDE (= ÖVE, CH, DK, SKAN, N), GB, FR, IRL ****		NL
Connection:	Recessed CEE external plug and socket connections		
Voltage:	230 V / 3-poles / 32 A (3x6 mm ²)		
	400 V / 5-poles / 32 A (5x6 mm ²)		
Frequency:	50 Hz		
Protection:	Residual current operated device 40 A / 0.03 A, 2-poles (230V) type A X** Country-specific with 63A / 0.03 A 2-pin (230 V) type A		
	Residual current operated device 40 A / 0.03 A, 4-poles (400V) type A X**		
Distribution box *:	Cavity distribution box, twin row, triple row		
Cable:	Type: H07ZZ-F & H07Z1-K (1x6 mm ²) Halogen-free mix, fire behaviour C _{CA} – s1b, d1, a1		
Electrical circuits:	Light:	CBR 10 A, 2-poles, 3x1.5 mm ² ***	RCBO B10A
	Heating:	CBR 13 A, 2-poles, 3x2.5 mm ² ***	RCBO B16A
	Socket	CBR 13 A, 2-poles, 3x2.5 mm ² *** Device- and country-specific with 10A and 16A	RCBO B16A
		3x2.5 mm ²	
Socket:	Single socket and double socket		

* Fitted to ceiling (fitting height = RIH)

** Thermally protected with fuse at the same rated current

*** LC-release switch characteristic C

**** IRL - distribution box surface mounted on the panel

Compliance with the following CENELEC regulations regarding protection against electric shock and protection against overload and short circuit

- HD 60364-1:2008
- HD 60364-4-41:2017
- HD 60364-7-717:2010
- HD 60364-7-701:2007
- HD 384.4.482 S1:1997
- HD 384.7.711 S1:2003

3.2 Earthing

Universally usable earthing clamp. On both short sides in the floor frame of each corner a drill hole with a diameter of 9.4 mm is prepared for the fixture of the earthing clamp.

The earthing clamp is fixed by using an M10 screw with self-tapping thread (torque 25-30 Nm). The position of the screw is determined in the factory at a designated point on the cabin.

An earthing clamp is delivered with the cabin and must be installed on site by the customer.

- The protective earthing of the cabin must be carried out by the customer at the installation site.
- The effectiveness of the cabin's earthing connection and the measurement of the earthing resistance or the loop resistance must be verified by a qualified electrician on site, during the course of the electrical inspection, prior to commissioning.

3.3 Lightning and overvoltage protection

The required measures for the outer and inner lightning protection (earthing measures, overvoltage protection devices) for the devices operated in the cabin for the installation site and their sensitivity must be observed and be established if necessary.

3.4 Wiring

Flexible cable system with plug contact and cables in full length.

3.5 Safety advice

The PE rail of the distribution box and the metal ceiling structure are electrically connected to a PE cable 1x6mm² within the roof frame with an earthing bolt and must not be removed (torque 10-15 Nm).

The cabins can be linked electrically at the external CEE plugs and sockets. For the decision how many units to connect electrically the expected constant current in the link circuits has to be considered. The commissioning has to be carried out by an approved electrician. The CEE sockets in the roof frame are used exclusively to supply and discharge the power feed of the individual modules. Use as a freely available socket is strictly prohibited by us.

The manual for the assembly, start up, utilisation and maintenance of the electrical installations is delivered in the fuse box and needs to be followed!

Before connecting the cabin to the supplying low voltage grid all appliances (consumer loads) need to be switched off and earthing needs to be ensured (earthing feed cable and earthing connecting lines between the cabins need to be checked on potential equity and low Ohm level).

Attention: The supply- and connection cables are made for an operating voltage of max. 32 Ampere. These are not protected by an overcurrent protection device. The connection of the cabins to the external electrical power supply may only be undertaken by a certified specialist company.

Before using the cabin (modular building) for the first time the effectiveness of the protection measures for the fault protection need to be checked by an authorised specialist company.

Attention: The commissioning of boilers and/or under sink units is only permitted if they are filled!

Cleaning with a high-pressure cleaner is FORBIDDEN.

The electrical equipment of the cabin may not be cleaned by a direct water jet under any circumstances.

If the cabins are delivered into areas with increased lightning activity further measures have to be taken into account to prevent overvoltage depending on the country specific rules.

When cabins are placed near the ocean it is necessary to consider the special atmospheric conditions (salt content and humidity of the air) when the intervals for the periodic inspections by the operator are defined.

In case machines or appliances with high starting current peaks are used (according to the manual of the respective appliances) adequate RCD/MCB must be used.

The electrical fittings in the cabin are designed for minimal vibration exposure. If the exposure is higher, appropriate measures (and plug/screw contact checks) must be taken depending on the national technical regulations.

If the cabins are used in areas with earthquake risks, the national regulations must be applied and the equipment must be adapted accordingly.

The choice of the external linking cables of the cabins has to suit the country's national technical regulations.

The cabins have to be secured against thermal overload with a type gL fuse or gG with max. $I_N = 32A$.

3.6 Heating and air conditioning

Individual heating and/or air conditioning possible using equipment according to the table. Mechanical ventilation options available with electrical ventilators. Regular ventilation of rooms must be provided. A relative humidity of 60% should not be exceeded in order to avoid condensation!

6 Paint

Paint system with high weather and aging durability, suitable for city and industry atmosphere.

Wall element

25 µm coating thickness

Frame

75-120 µm coating thickness

The painting of above mentioned parts is carried out with different types of production.. These achieve shades similar to RAL. We do not accept liability for colour variations in comparison with the RAL tones.

7 Certifications

CE marking in accordance with EN 1090 EXC 2

8 Fire resistance

- Standard equipment: fire resistance class of components in accordance with EN 13501-2
- Supporting structure: R30
- Roof construction REI30
- Wall panels: EI30
- Verification: Classification report according to EN13501-2, accredited institute IBS Linz

9 Miscellaneous

9.1 Transport

Cabins must be transported on suitable trucks. The local laws for load securing must be adhered to.

Cabins are not suitable for rail transport. Cabins must be transported empty. Open sides must be closed with appropriate covers before transport.

9.2 Handling

The following handling regulations for the cabins must be observed:

- The 10', 16', 20' and 20'x10' cabins can be lifted by crane. The ropes/chains need to be fastened to the upper cabin corners. The angle between the rope/chain and the horizontal line must be a minimum of 60° (picture 1). The necessary rope/chain length for a 20' cabin is at least 6.055 m.
- Due to the construction and design, handling with a spreader is not possible!
- The cabins may not be handled when loaded.

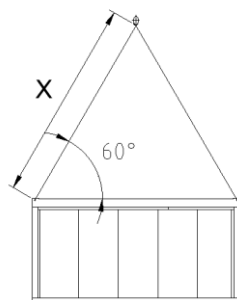


Figure 1

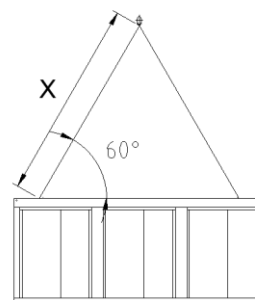


Figure 2

The minimum required rope/chain lengths are the following for each module size.

- 10' 2,989mm
- 16' 4,885mm
- 20' 6,055mm
- 24' 6,055mm

9.3 Installation / Assembly / Structure / Maintenance

General

Each individual cabin must be placed onto foundations provided by the customer with the respective number of support points (see CTX foundation plan). The dimensions of the foundation have to be adapted to local circumstances, norms and frost line, under consideration of the local soil condition and the maximum possible loads. The levelness of the foundation is a precondition for a smooth assembly and the failure-free standing of the entire construction. Should the load points not be horizontally aligned, these must be highlighted in the width of the profile.

The design of the foundations must ensure a free flow of rain water.

During set up or placement of the cabin (constructions), maximum permitted loads and regional conditions (e.g. snow loads) must be taken into account. Packaging and transport covers must be disposed of or stored by the customer.

Possible combinations of several cabins

Individual cabins can be placed side by side, one behind the other or one on top of the other, taking into account the configuration options (see item 10.1) and the max. payloads.

The cabins must be stacked exactly on top of each other. The special CTX stacking cones must be used. The cabin roof is not suitable for storage of goods and materials.

The CONTAINEX assembly instructions and the service notes must be adhered to and can be sent upon request.

Handling and installation instructions are enclosed in the cabin and must be observed.

Before starting the work, a risk analysis must be carried out in accordance with the local requirements and the applicable provisions on site. Necessary measures must be implemented by the assembly personnel. Particularly when working on the cabin roof, safeguards must be put in place to stop anyone from falling.

Other

Regulatory and legal requirements regarding storage, installation and use of cabins must be observed by the customer.

The suitability of the cabin (modular system) and any supplied accessories (e.g. stairs, air conditioning etc.) for the planned application must be checked by the customer.

Technical changes, printing errors, typographical errors, and mistakes reserved.

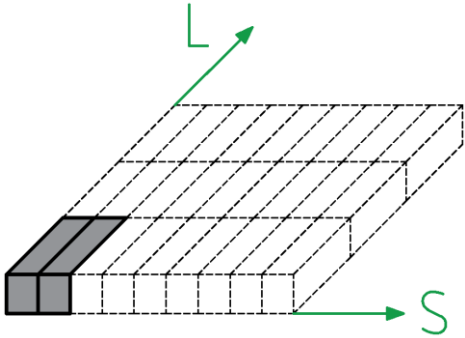
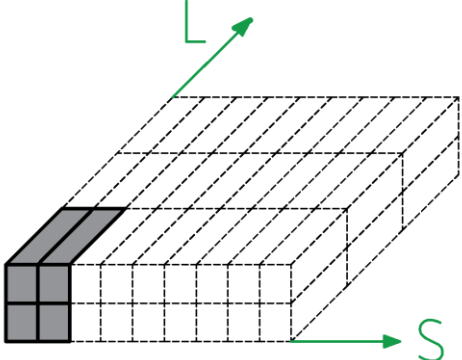
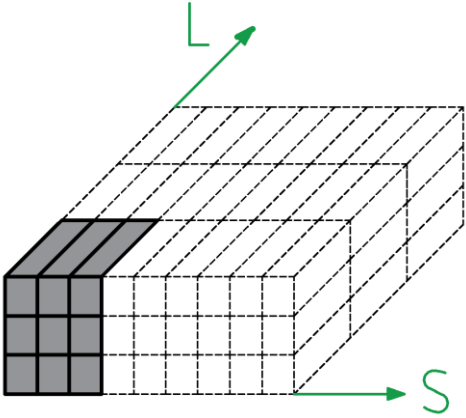
This document is a translation of the German version and is subject to translation and spelling errors. If in doubt, the German version must be consulted.

10 Appendix

The following illustrations and explanations of the possible combinations show the minimum required installation sizes for PLUS LINE modular buildings. All modular buildings that deviate from this or are smaller represent structurally critical installations.

10.1 Possible combinations BP/SP (16', 20', 24') as well as 3P20 and 4P20

Number of cabins (SxLxH); Short side (S) x Long side (L) x Height (H)

<p>1-storey</p>	 <p>From a minimum size of 2x1x1 cabins an extension of the building in all directions is possible. Rooms of any sizes can be created</p>
<p>2-storey</p>	 <p>From a minimum size of 2x1x2 cabins an extension of the building in all directions is possible. Rooms of any sizes can be created</p>
<p>3-storey</p>	 <p>From a minimum size of 3x1x3 cabins an extension of the building in all directions is possible. Rooms of any sizes can be created NOTE: For 3-storey BP/SP24', two intermediate supports ("C-pillars") are provided on the ground floor on each long side.</p>






10.7 Foundation plans

If a modular building is planned according to the arrangement options shown in the previous sections, CONTAINEX will provide the foundation plans including foundation loads on request.

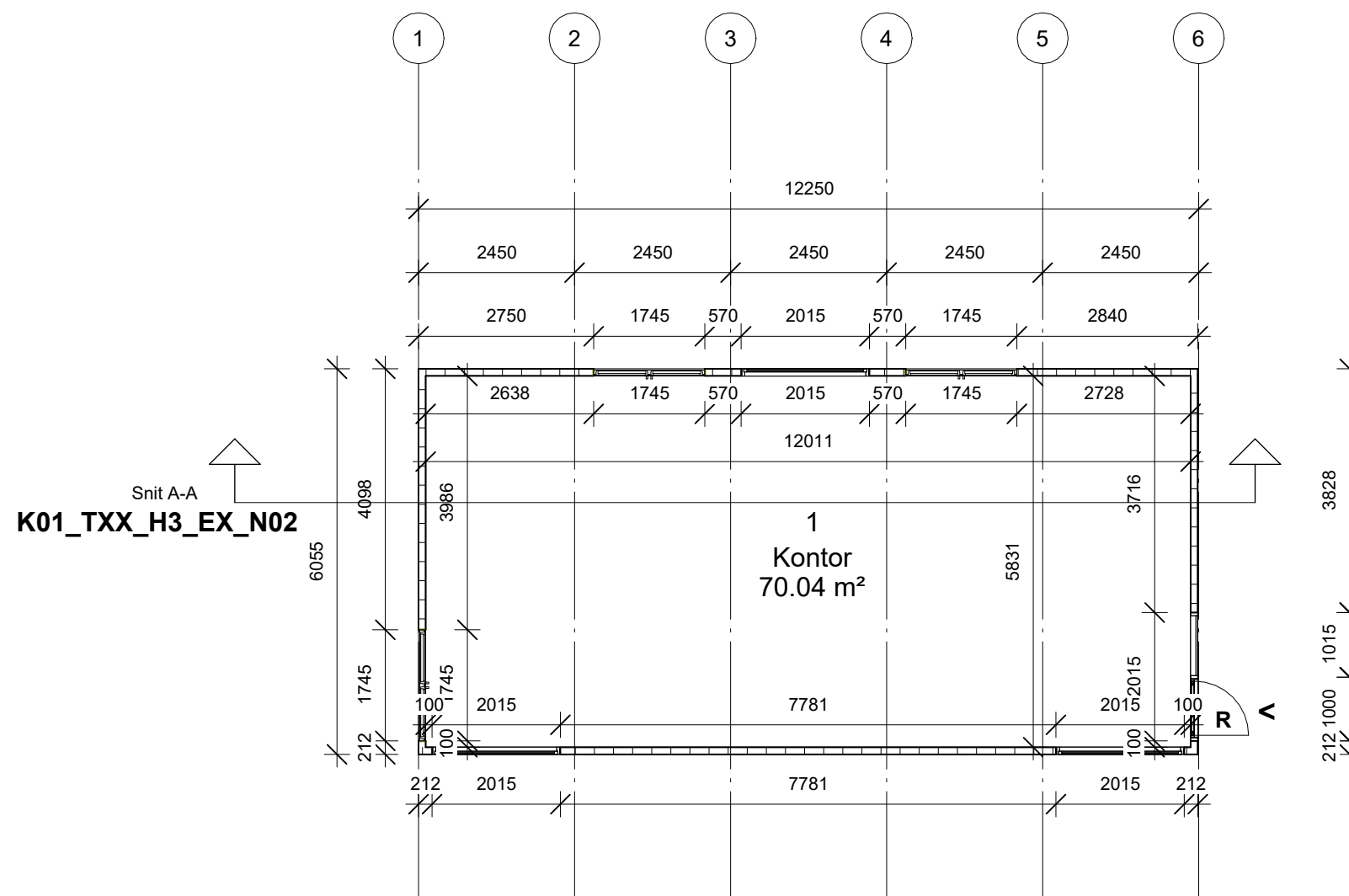
Ydervæg:
 Brandoplysninger EI30
 U-værdi 0.2 W/m2K
 Outside leaf: corrugated, galvanised and coated steel sheet 0.60mm
 PIR foam 110mm
 Inner leaf: galvanised steel sheet 0.50mm

Alle dimensioner er i mm
 Alle neveuer er relative og i meter
 Terræn er som 0

Hovedindgang >
 Redningsåbning R

-  PIR, PU Insulation
-  Mineral wool
-  Plywood
-  Terrain
-  Galvanized steel

Legend 1
 1 : 50



02 Stue plan
 1 : 100



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PROJECT: BUUS midlertidigt kontormiljø Silkeborgvej 750 B - 8220 Brabrand	DATE: 03/06/24	K01_TXX_H1_E1_N01
SUBJECT: Stue plan, midlertidig byggetilladelse	SCALE: As indicated	
DRAWN BY: Ruta Jonauskaite	MATR 14CØ NR:	

Ydervæg:
 Brandoplysninger EI30
 U-værdi 0.2 W/m2K
 Outside leaf: corrugated, galvanised and coated steel sheet 0.60mm
 PIR foam 110mm
 Inner leaf: galvanised steel sheet 0.50mm






Pavilion placeres på 80mm betonfliser, hvor støttepunkter er angivet.
 Se fundaments/ støttepunkter plan
 Fliser står på 40 cm stabil bund.

Gulv
 U-værdi 0.2 W/m2K
 Svejser stålramme q
 110 mm PIR
 50 mm mineral wool
 Plywood panel 21mm
 Lamineret trægulv ETERNAL 2mm R10, Bfl-s1

Vindue med 3 lags glas med ESG insulation og gas fyldning
 U-værdi Ug=0.7 W/m2K

Tagkonstruktion
 Brandoplysninger REI30
 U-værdi 0.18 W/m2K
 Corrugated, galvanised and coated steel sheet 0.60mm
 PU-foam 80 mm
 Mineral wool 120mm
 Plasterboard 15mm
 Modular acoustic cassette steel smooth 600x600mm, 1.0mm

Legend 2
 1 : 50

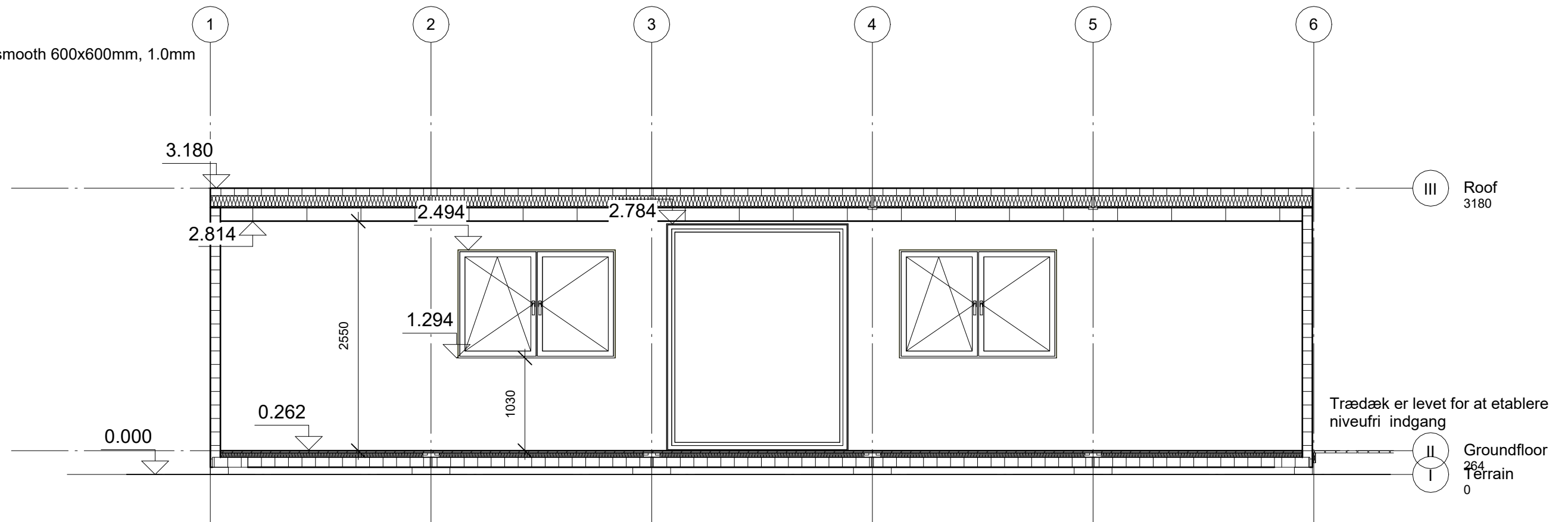
-  PIR, PU Insulation
-  Mineral wool
-  Plywood
-  Terrain
-  Galvanized steel

Alle dimensioner er i mm
 Alle neveuer er relative og i meter
 Terræn er som 0

Hovedindgang >
 Redningsåbning R



02 Stue plan snit
 1 : 500

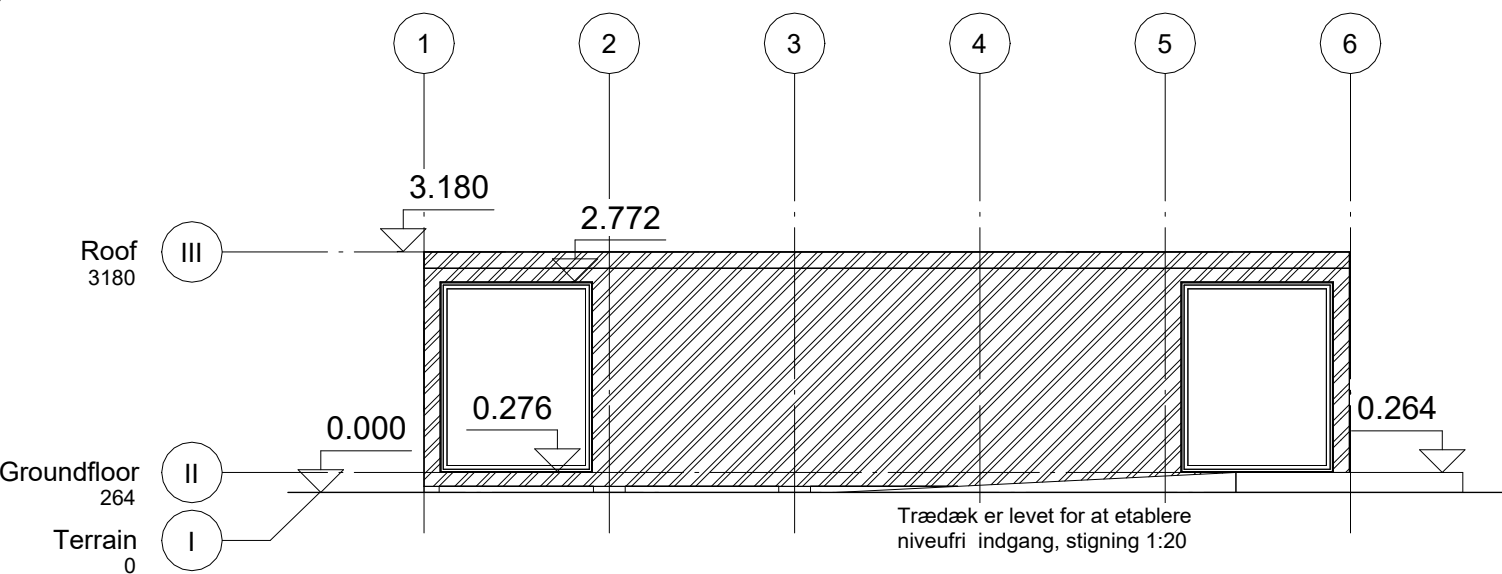


Snit A-A
 1 : 50

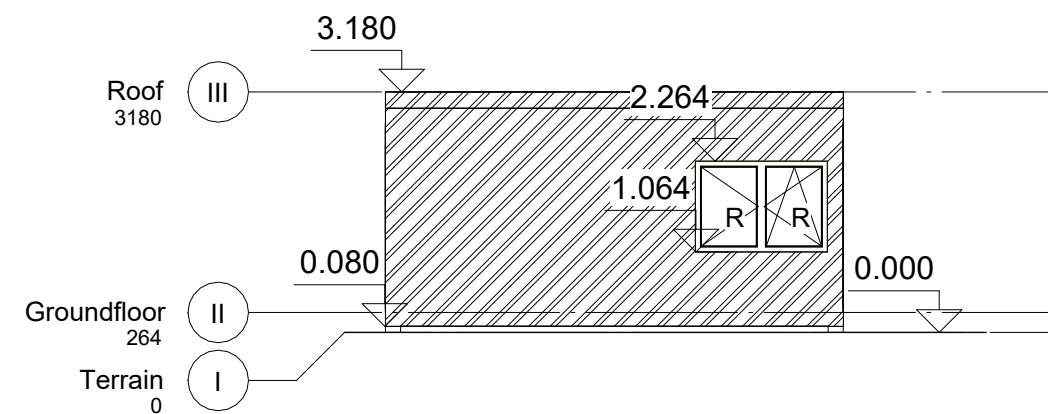


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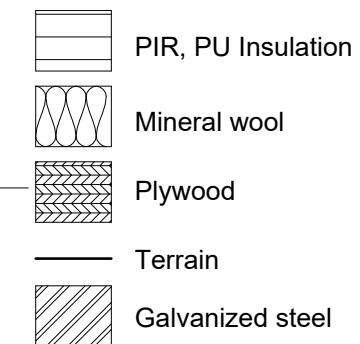
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SUBJECT: Tværsnit A-A, midlertidig byggetilladelse	SCALE: As indicated	
DRAWN BY: Ruta Jonauskaitė	MATR 14CØ NR:	



FACADE MOD VEST
1 : 100



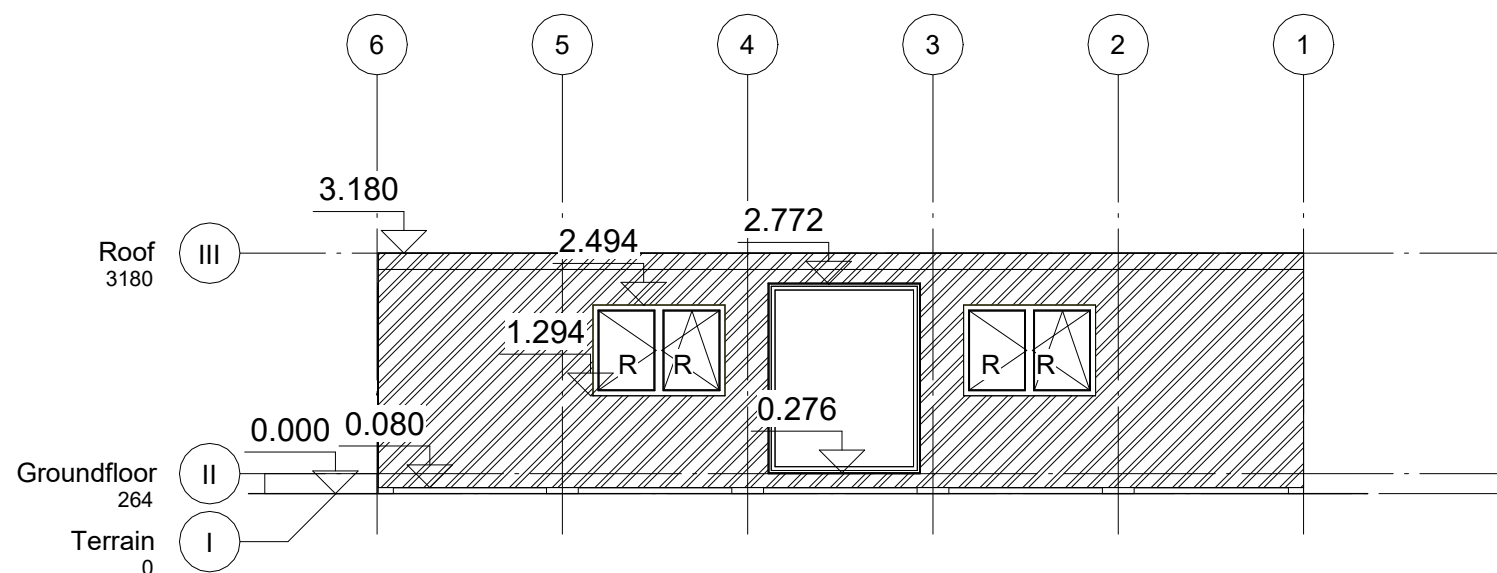
GAVL MOD NORD
1 : 100



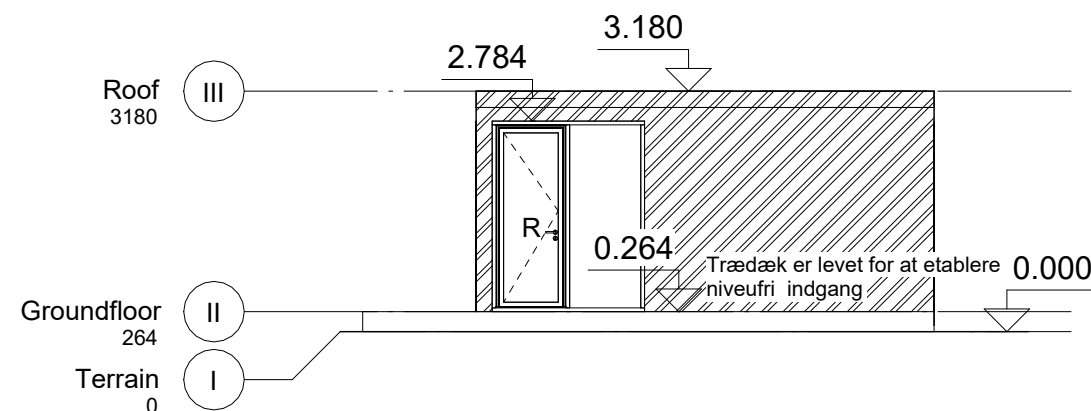
Alle dimensioner er i mm
Alle niveauer er relative og i meter
Terræn er som 0

Hovedindgang >
Redningsåbning R

Information
1 : 50



FACADE MOD ØST
1 : 100





GAVL MOD SYD
1 : 100



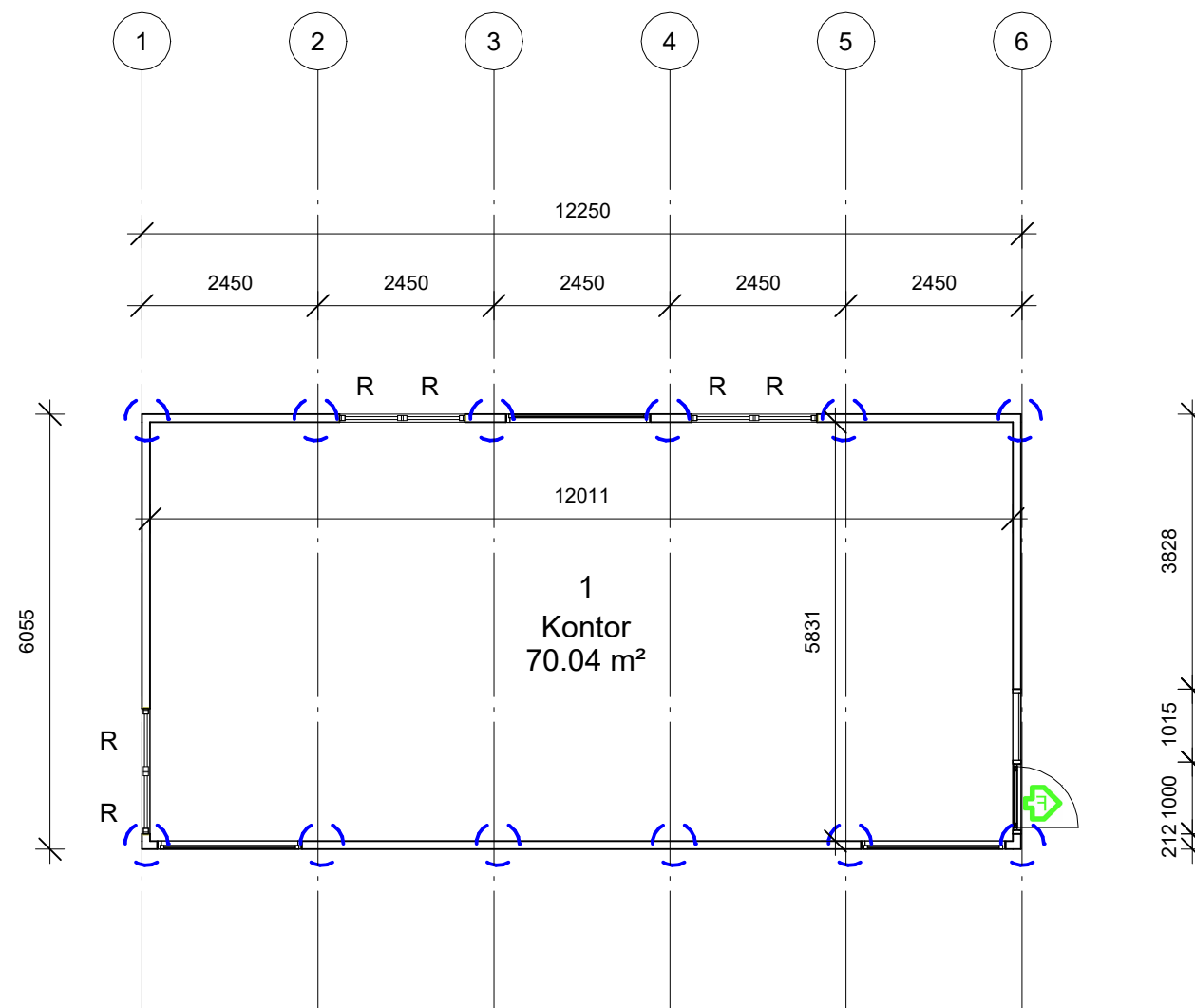
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PROJECT: BUUS midlertidigt kontormiljø Silkeborgvej 750 B - 8220 Brabrand	DATE: 03/07/24	K01_TXX_H2_EX_N03
SUBJECT: Facader, midlertidig byggetilladelse	SCALE: As indicated	
DRAWN BY: Ruta Jonauskaite	MATR 14CØ NR:	

-  Flugtvejsdør
- R Redningsåbning
-  Bærende bygningsdel

Generalt skal det bemærkes, at der er en midlertig bygning brugt som midlertidigt kontorplads.

BRANDBETEGNELSER
1 : 50



BRAND - STUE PLAN
1 : 100



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PROJECT: BUUS midlertidigt kontormiljø Silkeborgvej 750 B - 8220 Brabrand	DATE: 03/07/24	K01_TXX_H1_E1_N04
SUBJECT: BRAND - STUE PLAN, midlertidig byggetilladelse	SCALE: As indicated	
DRAWN BY: Ruta Jonauskaite	MATR 14CØ NR:	

