



## Dimensions

- Stage 10 meters wide, 8 meters deep and 5 meters clearance till bottom of bridges

## General

- Black box theaterhall (stage is lowest point)
- Loading/unloading stageleft
- Hall has bridges
- Curtains sides and back (midnight blue)
- No front curtain
- Stage floor hardwood parquet
- Marley floor black/white
- Open control cabin with good sight lines above grandstand
- Grandstand with 106 seats, fully retractable
- Two dressingrooms for 6 people (shower, toilet, refrigerator, coffee maker and kettle available)
- GreenGo wireless intercom set (5 beltpacks, headsets with single earcup)
- DALI2 hearing support

## Maximum production sound

The Verkadefabriek uses volumes that allow visitors to attend a performance without the risk of hearing damage, without needing earplugs. The in-house technicians will use the average measured volumes in dBA below and intervene when these volumes are exceeded. To increase comfort, we offer visitors earplugs (free foam and better universal plugs with filters for a small amount) at performances that approach this limit. If the company expects the performance to be close to the limit, we would like to be informed of this. The average volumes below are used.

Maximum soundpressure measured over time	
without the use of hearingprotection	
Volume (dBA)	Duration in minutes
101	4
98	7,5
95	15
92	30
89	60
86	120

Sources:

[https://www.cdc.gov/nceh/hearing\\_loss/what\\_noises\\_cause\\_hearing\\_loss.html](https://www.cdc.gov/nceh/hearing_loss/what_noises_cause_hearing_loss.html)

<https://www.klinktgoed-gehoorbescherming.nl/over-ons/wanneer-gehoorbescherming/>



## Sound (more sound equipment available under 'Additional materials')

- PA
  - Top – 4x D&B YI7P
  - Sub – 2x D&B VG-SUB
- Monitor
  - 2x amp D&B E- pac (for E3, Max12 or other D&B speaker systems)
- Mixer
  - Allen&Heath SQ-6
    - 24 local XLR inputs
    - 3 local stereo line inputs (2x 6.3mm TRS jack & 1x 3.5mm stereo jack)
    - 14 local XLR outputs
- Infrastructure
  - 32x XLR around stage
  - Network connections all around
- Hearing support: Audio Mattijsen DAL2
  - Analog split on L+R (50% direct sound, 50% sound from microphones)
    - Possibility to send separate AUX
  - Beltpacks for visitors with headphones or local ear loop for T-position
  - Fixed frequencies (note, these are **not** adjusted):
    - Main hall: **694.000 MHz**
    - Small hall: **690,000 MHz**

## Lighting

- 80 dimmers each 2,5kw
- 30x 1kw PC with barndoors
- 10x 1kw profile Robert Juliat
- 8x ETC junior zoom 25-50
- 10x 500 watt fresnell with barndoors ADB
- 25x par CP 61/62
- 4x LED Horizon Chauvet CYC1
- Chamsys MQ250M console

## Power supply

- 63 amp – 1 group (connection on stage)
- 32 amp – 2 groups in bridges
- Clean sound groups (16 amp)

## Projection

- Panasonic PT-RZ790 DLP - 7000 ANSI lumens - 1920x1200 (connected to PTN HDBaseT extenders), movable in bridge
- Available lenses:
  - ET-DLE170 1.7 - 2.4:1
  - ET-DLE06 0.600 - 0801:1
  - ET-DLE105 1.0 - 1.3:1 (best suited for white horizon/ flown screen from usual position)
- Flown screen (frontally projected, 508 x 294 cm) on Reutlingers or white back wall (horizon)



## Additional materials (can be used anywhere in consultation)

### Sound

- Mics + DI
  - 8x Shure SM 58
  - 2x Shure Beta 58
  - 4x Shure SM 57
  - 2x Shure Beta 52
  - 4x AKG C 451 B
  - 5x AKG CK 93
  - 2x AKG C 214
  - 1x AKG C 535 EB
  - 2x Sennheiser MD 421
  - 2x Neumann KM 184
  - 2x Crown PCC 160
  - 10x active DI (LA audio/Radial Engineering)
- Wireless microphones (overview of used frequencies on page 5)
  - 10x Handheld (Sennheiser EW-DX SKM with MMD 935-1 BK head)
  - 10x Beltpack (Sennheiser EW-DX SK)
  - 10x Headset mic DPA 4066 (mini-jack/beige coloured)
  - 10x Sennheiser EW-DX EM 2 Dante receivers (2 channels per receiver)
- Speakers
  - 2x D&B C6 top
  - 2x D&B Ci60 top
  - 1x D&B Ci90 top
  - 4x D&B E18 sub
  - 10x D&B Max12 monitor
  - 6x D&B E3 monitor
  - 2x Yamaha DXR10 active speaker
- Amps
  - 3x D&B D6
  - 3x D&B D12
  - 7x D&B E- pac

### Lighting

- 2x Lightec SP-12 dimmer packs
- MA Dot2 console

### Power supply

- 63 amp distribution box
- 32 amp distribution box
- 16 amp distribution box
- Minimum length of power cable 10 meters
- 16, 32 and 63 amp power cables are limited in stock

### DJ set

- 2x Pioneer CDJ 2000 Nexus media player
- 2x Technics SL-1200 mkII turntable (Earthquakers available)
- 1x Pioneer DJM 900 Nexus-II mixer



## AV

- Sony Alpha 51000+Sony Sel 16-50mm lens
- Magewell Video capture device HDMI-USB
- Sufficient PTN HDBaseT Extenders
- HDMI splitter
- HDMI audio extractor - Cinch, Toslink

## Streaming set

- V-Mix PC
- 6x Canon N500 PTZ NDI
- 1x Canon RC-IP100 Ptz controller
- 4x Science Image NDI HD mini
- 3x Netgear M4250-10G2XF-PoE+ network switch
- 2x Streamdeck XL
- 3x Dell screen
- 1x Scarlett 18i20

## Rigging

- Various lengths of X30V Prolyte Truss black (square)
- Various lengths of X30D Prolyte Truss black (triangle)
- 3 meter soft steels with various harps
- Sufficient rigging materials for safe lifting of our own inventory
- 8x Reutlinger with 4 mm steel cable (9 meters) on Doughty Clamp. WLL 65 KG
- 4 x 250 kg (8 meters/minute) chain hoists with control case

## Other

- Full HD stage monitor (for the presenter during presentations)
- Various screens on mobile tripod
- Various camera tripods
- Ron de Groot 2x1 stage elements with 20/40/60/80/100 cm legs
- 1x Yamaha U100 piano
- 2x Yamaha C3 grand piano

## Psychosocial safety

At the Verkadefabriek we believe it is important that everyone has the safest possible working environment. This means that not only physical but also mental safety must be guaranteed. We turn away from 'locker room talk' and treat people equally in the way they prefer. If situations have arisen in which this safety was at stake, we would like to hear about it and we will do our best to prevent this in the future.



### Fixed frequencies wireless receivers

Please note: The frequencies on our receivers will **not** be changed.

Flexible set			Clubzaal			Spare freq	
Receiver	List User Ch	Frequency	Receiver	List User Ch	Frequency	No.	Frequency
1	1	582,1	1	1	536,2	1	579,1
2	2	582,7	2	2	536,8	2	579,7
3	3	583,3	3	3	537,4	3	580,3
4	4	583,9	4	4	538	4	580,9
5	5	584,5	5	5	538,6	5	581,5
6	6	585,1	6	6	539,2	6	594,1
7	7	585,7	7	7	539,8	7	594,7
8	8	586,3	8	8	540,4	8	595,3
9	9	586,9				9	595,9
10	10	587,5				10	596,5
11	11	588,1	<b>Cinema 1</b>				
12	12	588,7	Receiver	List User Ch	Frequency	<b>Hearing support</b>	
13	13	589,3	1	1	521,2	Hall	Frequency
14	14	589,9	2	2	521,8	Grote zaal	694
15	15	590,5	3	3	522,4	Kleine zaal	690
16	16	591,1	4	4	523		
17	17	591,7	5	5	523,6		
18	18	592,3	6	6	524,2		
19	19	592,9	7	7	524,8		
20	20	593,5	8	8	525,4		

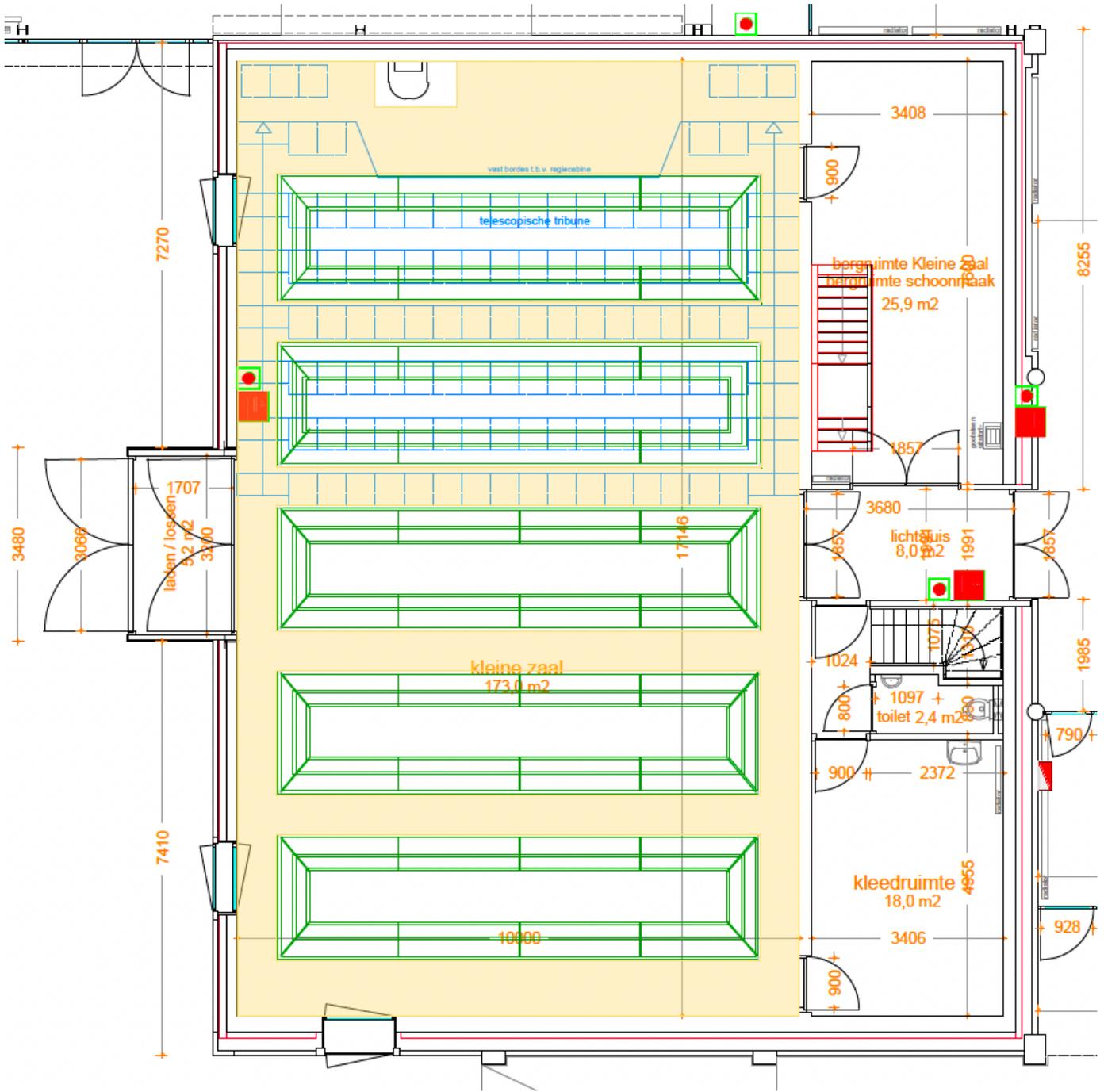
Frequencies in MHz \*1000



**Floorplan**

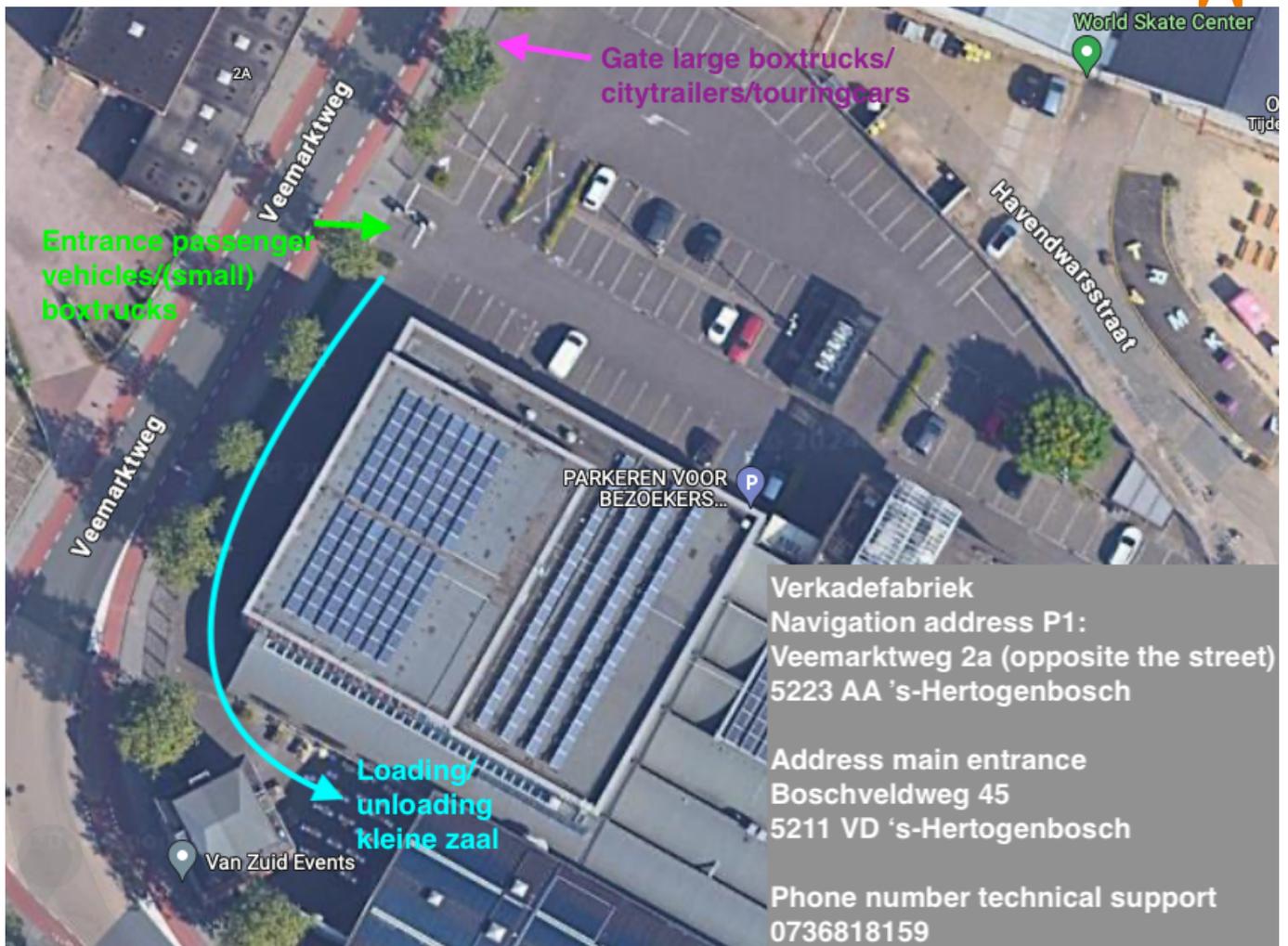
A DWG format of this drawing is available on request.

The green lines are our gridpipes (50mm), the bridges are indicated in yellow.





## Loading and unloading instructions



Please note! As of March 1st 2025, the city center of 's-Hertogenbosch has become a zero-emission zone. This also applies to the Verkadefabriek. A transitional arrangement for cleaner vans and trucks applies until 2030. For more information and a license plate check, go to <https://www.s-hertogenbosch.nl/ondernemer/milieu-en-afval/milieuzone-zero-emissie-zone/>