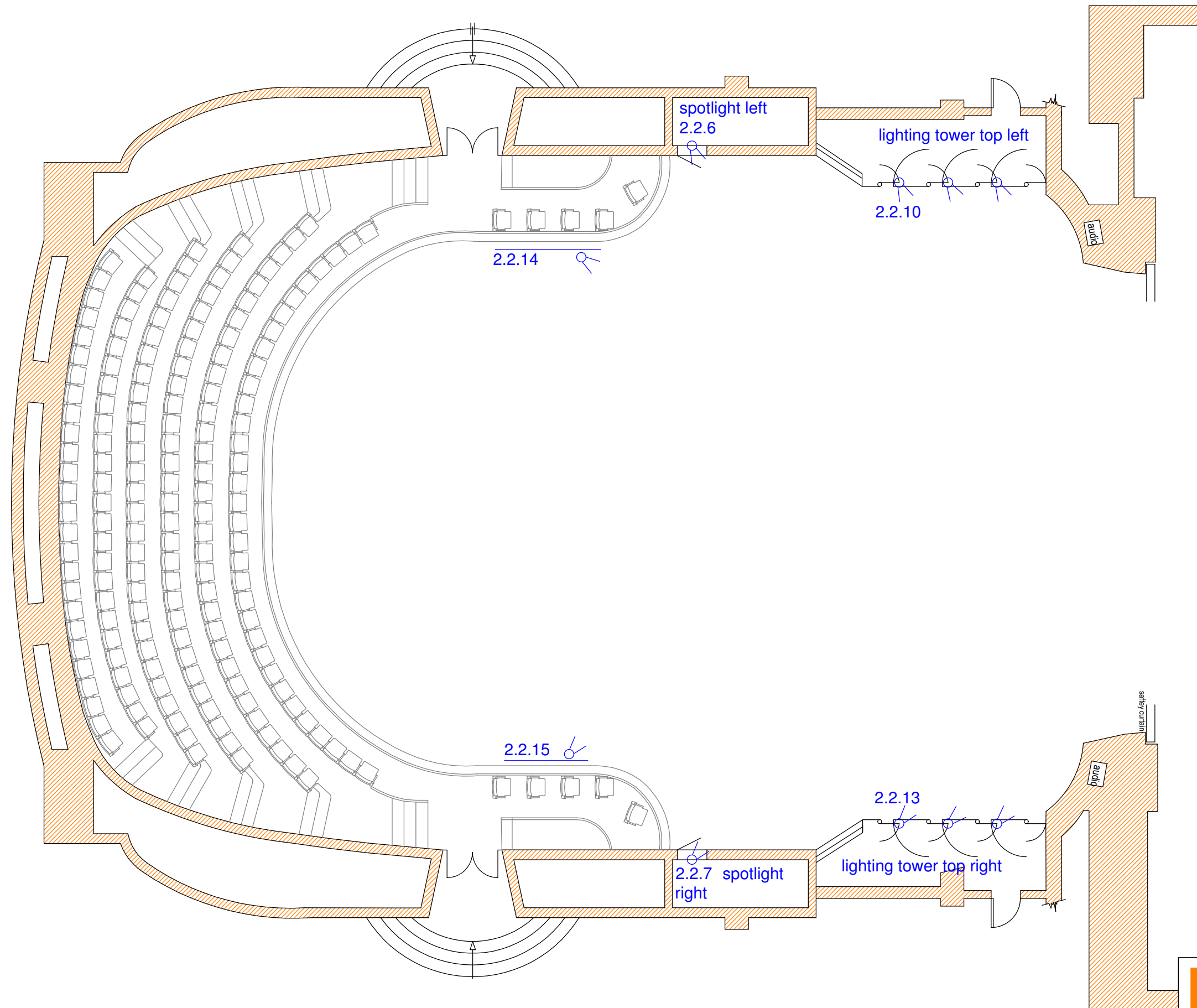


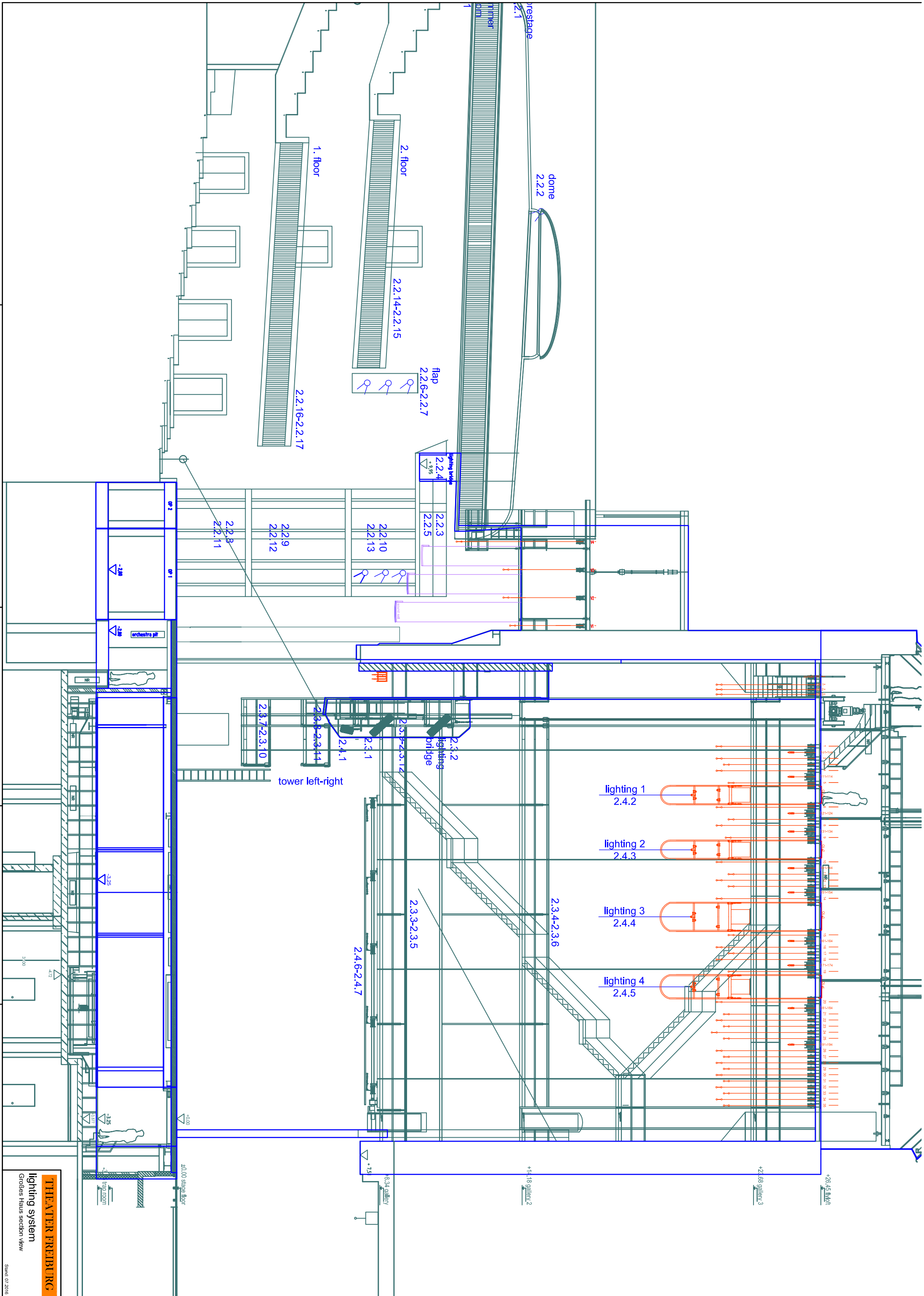
# THEATER FREIBURG

light system  
Großes Haus 1st floor



**THEATER FREIBURG**

light system  
Großes Haus 2nd floor



# THEATER FREIBURG

Technical Direction  
Tel: 0049 761 201 2859 / Fax: 0049 761 201 2899

## Großes Haus

### 2.1 Light system

Amount	type
1	GrandMA 2 - Fullsize
1	GrandMA 2 - Light
1	GrandMA 2 - onPC mit onPC-Faderwing
1	GrandMA 2 - VPU plus
1	GrandMA 2 - NPU
3	GrandMA 2 - 4port Node
10	GrandMA - NDP

360	MA 3 KVA Dimmer
78	MA 3 KVA Dimmer - LL
30	MA 5 KVA Dimmer
84	MA 5 KVA Dim/NonDim
18	LSS Powerdimm 3/5 KVA
588	sum

### 2.1.1 Other

- Network MA
- DMX-connection in the offset flaps
- Network connection on stage and on back stage
- 2 radio - DMX -Receiver
- Intercom with connection to stage manager, bridge, forestage, dome, control desk
- Intercom to interlocking system, stage manager desk, control desk, forestage
- Motorola radio device with Head-Sets

## 2.2 Auditorium

			2.2.1	2.2.2	2.2.3	2.2.4	2.2.5	2.2.6	2.2.7	2.2.8	2.2.9	2.2.10	2.2.11	2.2.12	2.2.13	2.2.14	2.2.15	2.2.16	2.2.17
			forestage	dome	lighting-bridge			flap		lighting tower left			lighting tower right			at 2nd balcony		at 1st balcony	
					left	center	right	left	right	bottom	center	on top	down	center	on top	left	right	left	right
		color changer	7	4	1	4	1	2	2			3			3				
Altmann Zoom Profil	2500 W	25-45°	3																
Niethammer Zoom Profil	2500 W	15-45°			3	6	3					1			1				
Limax Zoom Profil	2500 W	9-30°		4															
Robert Juliat D-Artagnon	2500 W HMI	16-36°	2																
Robert Juliat Ivenhoe	2500 W HMI	9-21° follow spot	2																
Niethammer Zoom Profil	2000 W	15-40°	2																
Strand lens spot light	2000 W	PC Linse						1	1		1	2		1	2				
Niethammer Zoom Profil	1200 W	15-38°			1	6	1			3	4	3	3	4	3				
Sirio HMI	1200 W	Fresnell									1			1					
ADB lens spotlight	1000 W	PC lens				6					1	1		1	1				
ADB Zoom Profil	1000 W	15-30°									1			1					
PAR 64	1000 W	CP 60-61				36 (18)										6	6		
Clary Parky Stage Zoom	1200 W																	1	1
DTS Nick 1201 LED Washlight	1200 W										1			1					
High End Studio Beam	750W											1			1				

## 2.3 lighting bridge

			2.3.1	2.3.2	2.3.3	2.3.4	2.3.5	2.3.6	2.3.7	2.3.8	2.3.9	2.3.10	2.3.11	2.3.12
			portal bridge		gallery left		gallery right		tour left			tour right		
			down	on top	down	on top	down	on top	1 floor	2 floor	3 floor	1 floor	2 floor	3 floor
Niethammer Zoom Profil	2500 W	15-40°			6		6				1			1
Niethammer Zoom Profil	2000 W	15-40°								1			1	
Niethammer Profil	2000 W	23°												
Robert Juliat lens spotlight	2500 W	Planlinse		8										
Reiche&Vogel lens spotlight	2000 W	Planlinse		6										1
Strand lens spotlight	2000 W	PC lens	9						1	1		1	1	
ADB lens spotlight	2000 W	PC lens							1			1		
Niethammer Zoom Profil	1200 W	15-38°	6			1		1	2	2		2	2	
ADB Profil	1200 W	15-31°							1			1		
Sirio HMI	1200 W	Fresnell	2											
Reiche&Vogel Profil/follow	1000 W		2											
Souce Four Profil	750 W	15-30°		1										
floodlight NV	500 W		4		2		2				2			2
floodlight NV	1000 W			2										
strobe light	DMX			1										

## 2.4 batten lights/ striplights

			2.4.1	2.4.2	2.4.3	2.4.4	2.4.5	2.4.6	2.4.7
			lighting	lighting 1	lighting 2	lighting 3	lighting 4	bars	
Arri 4 KW HMI	remote controlled with barndoor	color changer				1			
Clay Paky Stage Zoom	1200 W					4			
High End Studio Beam	750 W			2	2		2		
ADB fresnel lens	5000 W	color changer				2			
Niethammer Zoom Profile	2000 W							5	5
backlight- Ramp	1400 W			6	6		6		
RGB+W - Horizontal fluorescent lamps			6	6	6		6		
UV-flourescent light			6						



### 2.5 portable spotlights

1	6 KW	Fresnel	HMI Typ Desisti with FW and obfuscation aperture
2	2,5 KW	Fresnel	HMI Typ Sirio and obfuscation aperture
2	2,5 KW	Profile	HMI Typ Robert Juliat Dártagnan
3	1200 W	Profile	Clay Paky Stage Zoom Alpha
4	750 W	PC	High End Studio Beam
2		Washlights	DTS Nick NRG 1201
2	10 KW	Fresnel	spotlights
12	5 KW	Fresnel	spotlights different types
4	2 KW	Fresnel	Type Strand
10	2 KW	Prisms	spotlights different types
6	2 KW	Profile	Typ Niethammer
10	1KW	prisms	ADB
5	1 KW	Profile	ADB 11 °-22°
10	1 KW	Profile	Niethammer
4	750 W	Profile	Source Four Zoom 25-50°
6	750 W	Profile	Source Four Zoom 15-30°
8	5 KW	Fluter	different types
10	2 KW	Fluter	Reiche and Vogel
20	1250 W	Fluter	ADB Asymetrisch
4	1,4KW	Svoboda	self construction
6		ramps	RGB-W LED- ramps DTS FOS 100 S
8	DMX		RGB-W fluorescent light ramps, self construction
div.	1 KW		PAR 64
8			Ballett-tours with 4 PAR
2	DMX		Hazer Fa. Look
3			fog machine Fa.Schaidt
div.			tripods

### 3. Sound:

### FOH:

Mixing Desk Stagetec Polaris Touch 48 Fader  
EFX MacPro + Waves MultiRack Mercury Native  
Stagetec Nexus 5 Audio Network  
Player: MacPro + Ableton Live  
20 channels wireless Sennheiser Series 2000:  
20x SK2000 with MKE1 LEMO, 10x SKM2000/MMK 965-1, 6 SKP 2000 transmitter)

### Speakers:

device/ function/ amount/ symbol /notes  
Alcons QR24 Column/Array 2 x 5 TG1 Portal L/R, fix installed  
2 Seeburg L8/ L16 movable 2 x 3 TG2 Portal in the back L/R, fix installed  
Seeburg L16 „Horizontalarray“  
8 TG3 above portal, fix installed  
Seeburg GL16 2 x 3 TG4 front stage L/R, optional on the fly  
Seeburg G-Sub 1500 Subwoofer 2 x 2 TG5 Proszenium 1. floor L/R, fix installed  
Seeburg G-Sub 1201 Bass-Array 6 TG6 Z-bridge, above front stage, fix installed  
Fohhn LX-10  
3 x 6 TG7 Surround (in the stalls, 1. balcony, 2. balcony), fix installed  
Seeburg M1dp, directed to the ground 2 TG8 Kuppel, fix installed

### Speakers on stage:

device/ function/ amount/ symbol /notes  
KS Audio CPD 15 plus CPD Sub  
4 TG9 placed in the four corners of the room, fix installed in 5m height  
Seeburg GL16  
2 TG10 Portal L/R, fix installed, as stage monitor  
KS Audio CPD 15 4 several ones on movable stands  
Seeburg M1dp Wedges 6

## Video:

MacPro 12-Core/ Troikatronix Isadora Software

Videomixer Panasonic AW-HS50

Videosystem: HD-SDI

Videomatrix: Blackmagic Design VideoHub 72x72

several converters Analog-SDI, SDI-Analog, SDI-DVI etc.

HD stage-cam, HD conductor-cam, remote controlled

Several monitors (to follow the show) fix installed and variable (digital, latency 1 Frame)

Video-Projectors:

1 x Sanyo PLC XF47, 1024x768 native, 15000 Ansi-Lumen

3 x Sanyo PLC XF60, 1024x768 native, 6500 Ansi-Lumen

several lenses are available

several smaller projectors are available in house