



TECHNICAL RIDER STARGATE 1:1

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RECEPTION OF THE STARGATE

After more than 10 years of effort, we are finally able to offer you the provision of our Stargate!

It is an impressive object of more than 6m high once assembled. It is therefore important to take into account certain technical needs and safety rules. We are at your disposal to explain what might be necessary.

This document is an integral part of the agreement made between the host structure and the association Les Enfants de MacGyver. All the elements presented here are to be discussed with the technical reception staff as far as possible.

The Stargate is currently not available for outdoor exhibitions, however, do not hesitate to contact us to discuss it because we are working on this aspect at this very moment.

We are not able to verify the standards in force in each region where the Stargate will be exhibited, so it is up to the host site to approach the competent authorities to ensure that the assembly and exhibition of the Stargate comply with these standards.

Access to the assembly area is **TOTALLY FORBIDDEN** to anyone outside the association, from the start of unloading until the technician gives the go-ahead for access. During the lifting of the gate, access to the assembly space is forbidden to everyone, including members of the association and volunteers.

During the exhibition period, the association makes itself available to manage the public and this only in the defined area.

Please take note of the schedule, especially the time required for dismantling.

We thank you for your interest in our project and look forward to joining your event soon!

SUMMARY OF TECHNICAL NEEDS

Our onsite staff is composed of 7 volunteers and 1 professional technician from the entertainment industry.

Equipment provided by the EMG

Qté	Description	Commentaire
9	Stargate sections + Chevron	Each 2m section on roller carts
1	Steel base	2m elements with heavy plates and wooden wedges
7	Construction helmets and vests	For safety
	Toolboxes, screws, accessories	

Equipment to be provided by the venue

Qté	Description	Commentaire
1	Lifting device with a 2-ton capacity	Adapted to the venue with telescopic arm and hook/ring
1	Operator for the lifting device	Must be licensed
2	Hoists with a 1-ton capacity each	Lifting alternative
2	Attachment points with a 1-ton capacity each	If current legislation requires a permanent attachment in the presence of the public and/or for lifting with a hoist
1	Electrical supply of 230V 16A single-phase	Best to have an electrical panel with at least 3 shuko sockets

PLANNING

Day	Time	Activité	Note	Vol.	Tec.
D-2 Loading	9 -11	Loading at EMG workshop in Savoie		4	0
	11 - 18	Transport	With lunch break and regular pauses		
D-1 SG and Exhibition setup	8h30 - 9	General Briefing	Safety, building steps	7	1
	9 - 10	Unloading + distribution of the exhibition	Briefing for this step and before each of the following		
	10 - 11	Assembly of the ring			
	11 - 12	Assembly of the chevrons	Internal electrical connection + test		
	12 - 13	Break			
	13 - 14	Lifting	Device with operator		
	14 - 15	Base assembly	The device remains stationary		
	16 - 18	Fixation ring/base - Setting up the exhibition then control screens	Device with operator - Wait until the ring is fixed to install the screens		
D1 Exploitation	9 - 18	SG and exhibition management	3 People SG / 3 People Expo / 2 People on rotation		
D2 Exploitation Strike down Loading	9-17h30	SG and exhibition management	3 People SG / 3 People Expo / 2 People on rotation		
	17h30-18	Exhibition dismantling - Detachment ring/base	Dismantle the screens first - Device with operator		
	18-19	Base dismantling - Ring to horizontal position	Device with operator		
	19-20	Dismantling of the chevrons and ring			
	20-21	Loading			
	D+3	9-17	Transport	With breaks	4
	17-18	Unloading			

TECHNICAL DESCRIPTION AND MEASUREMENTS

Weight of the ring: 800kg

Weight of the base: 200kg

Required ground resistance per square meter: 350kg

Capacity of the two attachment points: 1 ton each

Distance between the two attachment points: 3.95m

Capacity of the hoists: 1 ton each

Lifting device capacity: 2 tons

Capacity of the lifting material: 1 ton for each of the two points, 2 tons for the central lift

Required height for lifting: 7.5m per hoist, 8m with lifting device

Base footprint: 6m x 4m

Ring footprint: 6m x 6m

Footprint of a conventional lifting device: 4.50m x 2.20m

Total requirement for assembly area: 10m x 10m

Recommended requirement for the viewing area: 10m x 10m + 1m of passage corridor around

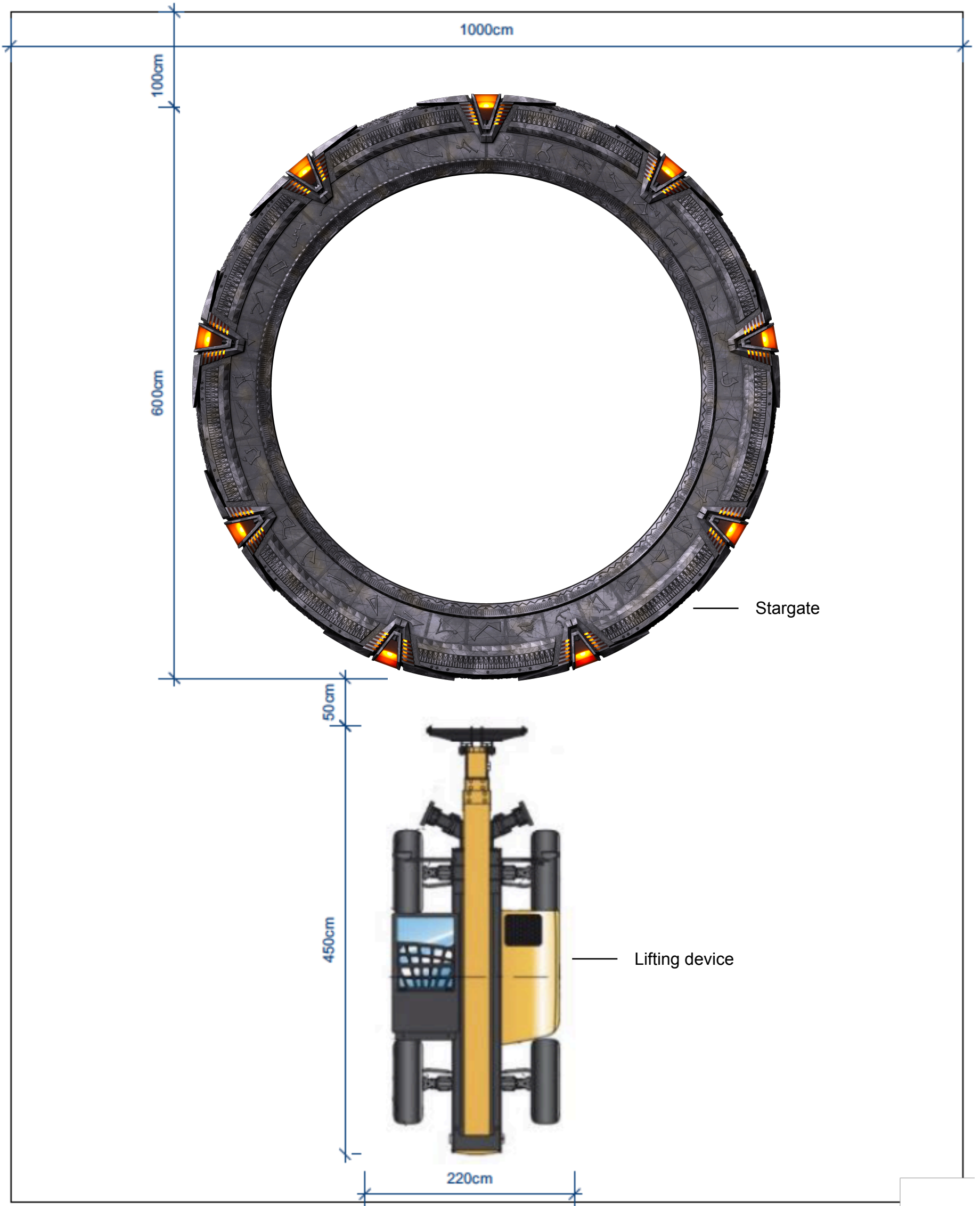
Recommended number of tables for the exhibition area: 4

Number of tables for control screens: 1

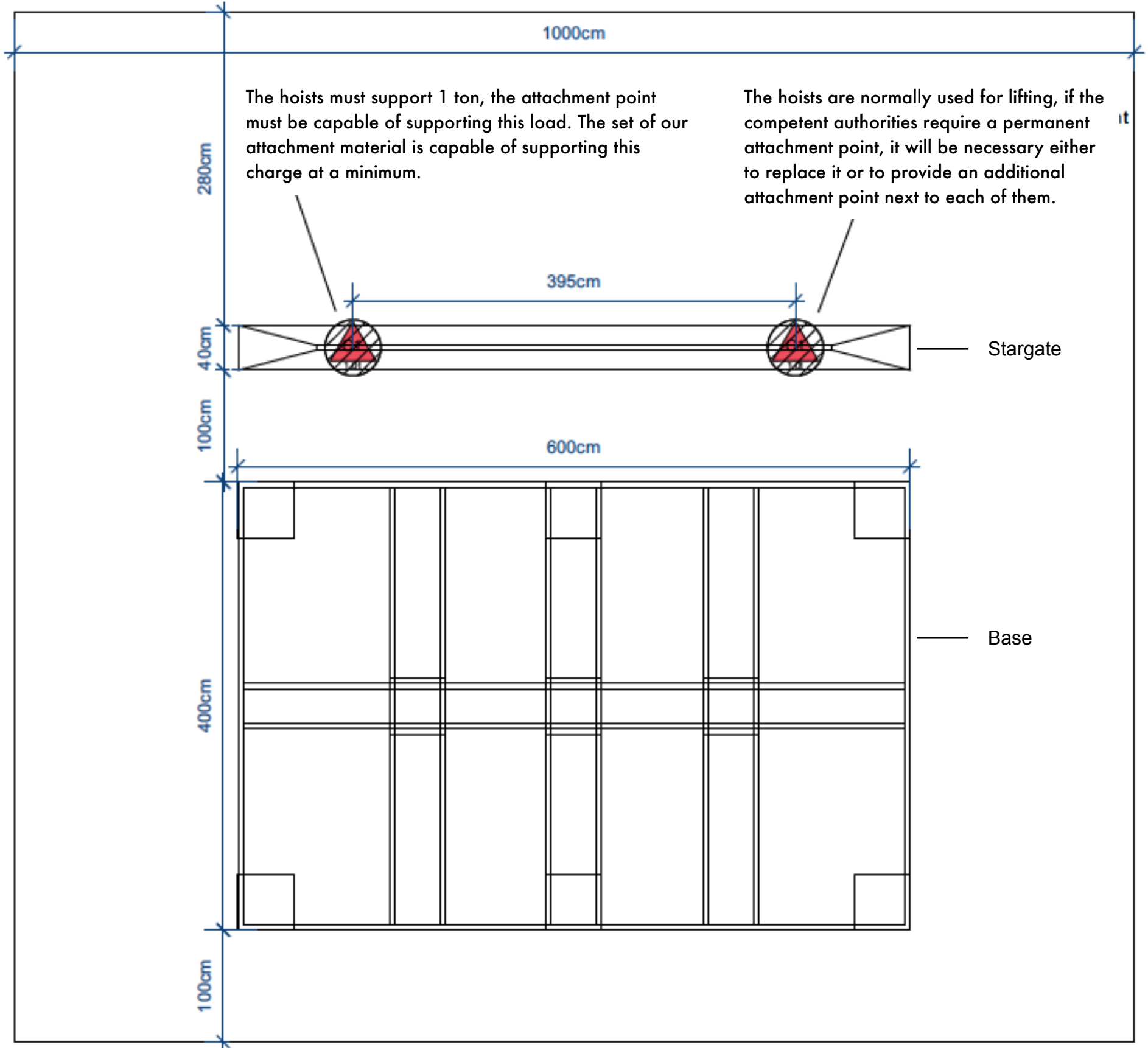
Electrical requirements: 230V 16A single-phase

PLANS

SITUATION AFTER ASSEMBLY OF THE RING



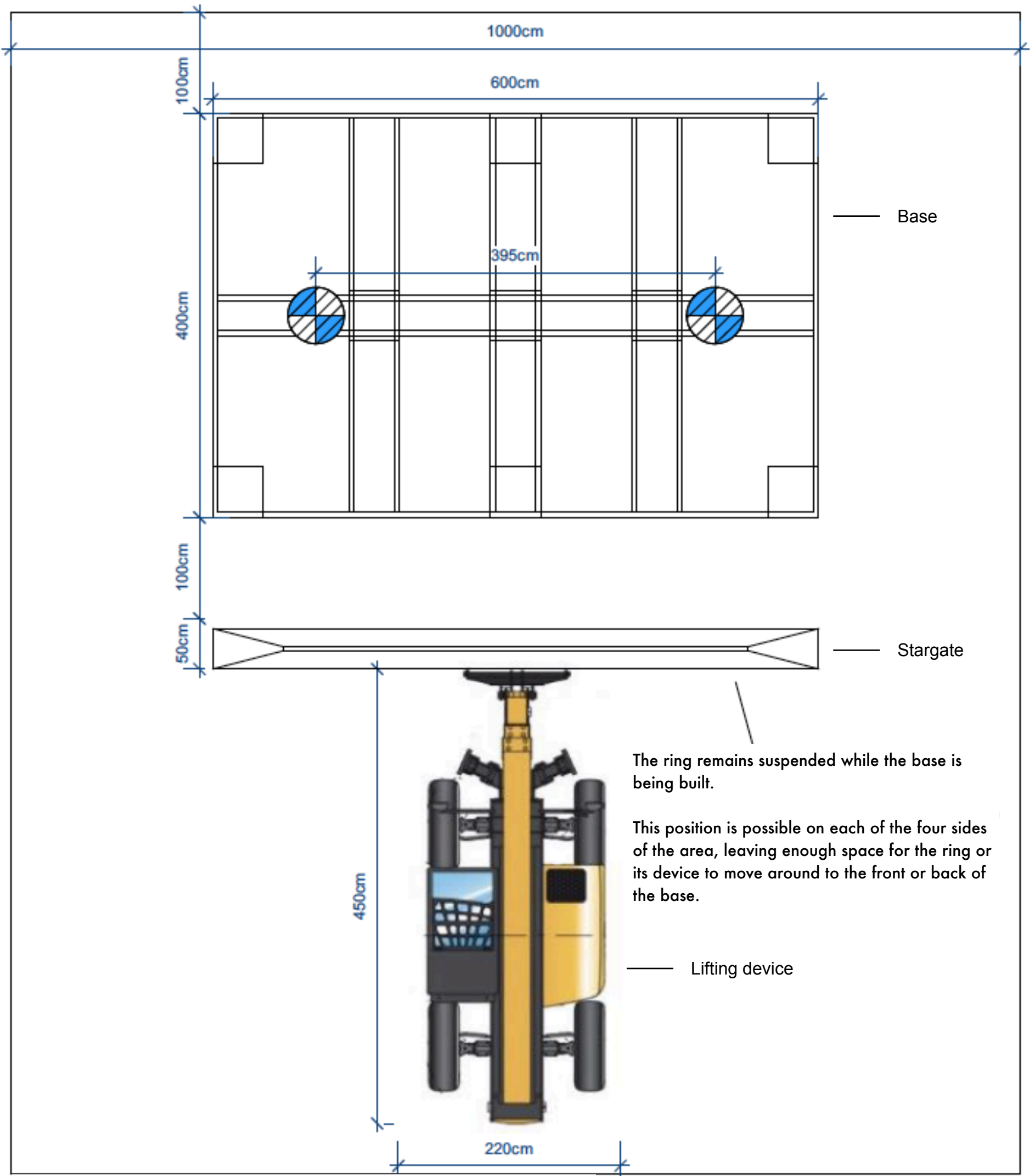
SITUATION AFTER LIFTING THE RING AND MOUNTING THE BASE (LIFTING WITH HOISTS)



Minimum height under ceiling...
 Lifting with motorized device: 8m
 Lifting with hoists: 7.5m

Total weight : 1t
 Capacity of each attachment point 1 ton (with a safety coefficient of 2x)

SITUATION AFTER LIFTING THE RING AND MOUNTING THE RING AND THE BASE (LIFTING WITH A DEVICE)



Minimum height under ceiling...

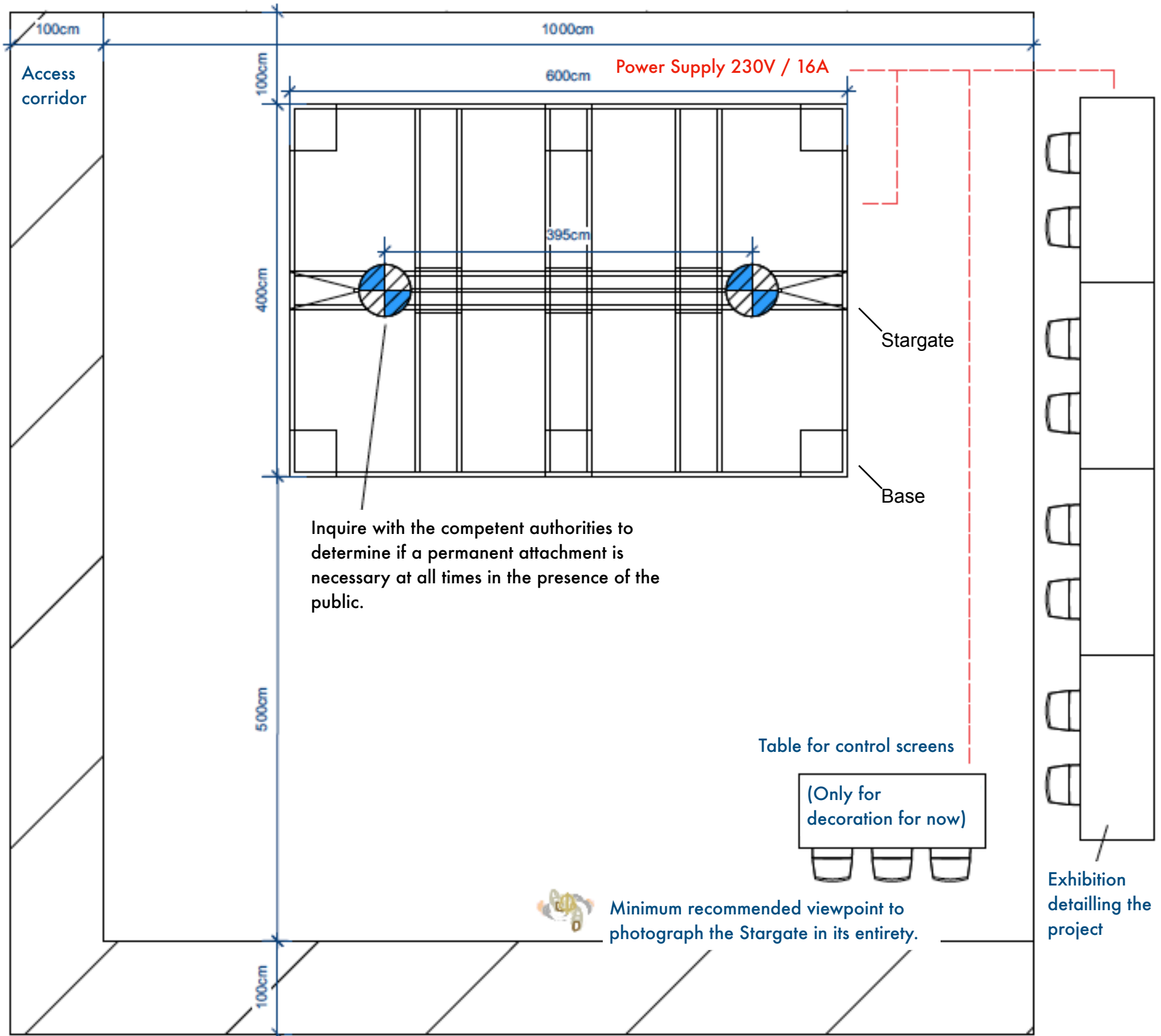
Lifting with motorized device: 8m

Lifting with hoists: 7.5m

Total weight : 1t

Capacity of each attachment point 1 ton (with a safety coefficient of 2x)

EXHIBITION SITUATION



Minimum height under ceiling...
 Lifting with motorized device: 8m
 Lifting with hoists: 7.5m

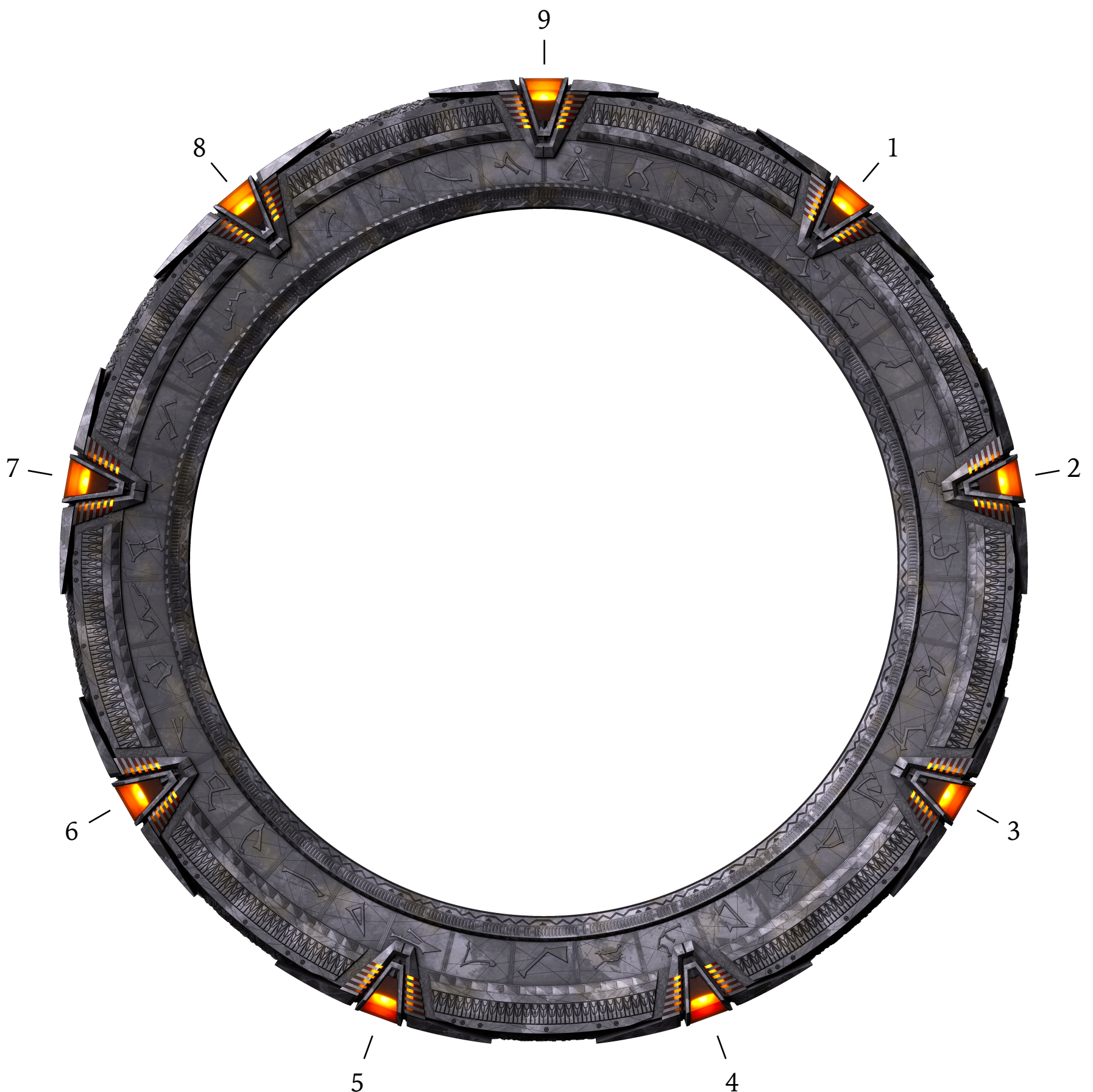
Total weight : 1t
 Capacity of each attachment point 1 ton (with a safety coefficient of 2x)

LIGHTING CONTROL / DMX

The lighting of the Stargate is controllable by DMX. The DMX input is standard 5-pin.

Adress	Fixture	DMX Value	Function
1 to 3	LED Driver Chevrons 1 to 3	0 - 255	Intensity 0 - 100%
4 to 6	LED Driver Chevrons 4 to 6	0 - 255	Intensity 0 - 100%
7 to 9	LED Driver Chevrons 7 to 9	0 - 255	Intensity 0 - 100%

Each of the 3 drivers can be addressed individually.



C O N T A C T

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L E G A L P R O V I S I O N S

The "Stargate 1:1" project is neither approved by nor affiliated with Metro-Goldwyn-Mayer Studios Inc. or Amazon Studios.

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