

# AERIAL LAYOUT GUIDE WTC THEATER



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#### 1. AERIAL PROJECT - THEATER

#### 1.1. Description

Q30 Box Truss with a 2HP power-driven system capable of a TOTAL lifting capacity of 250 kg, at a speed of approximately 10 m per minute.

It has a span of 15.5m with 5 (five) hoists wound on a 350 mm diameter reel.

It also features 03 Scenic Bars with a load capacity of 100kg and a length of 12.0m.

#### 1.2. Weight Distribution

The distribution of equipment must be done uniformly to avoid overloading the hoists.

#### 1.3. Activation

The activation of the scenic bars and box truss is exclusively performed by the WTC Events Center team, following prior scheduling for setup and dismantling.

The contractor must schedule in advance with the WTC Events Center for the time of aerial assembly supervision; in case of delays, overtime costs will be charged to the event's master account.

#### 1.4. Safety

Movement should never occur in the presence of the audience, and the areas of influence during presentations must be isolated.

The use of Personal Protective Equipment (PPE) is mandatory during equipment installation.

#### 1.5. Considerations

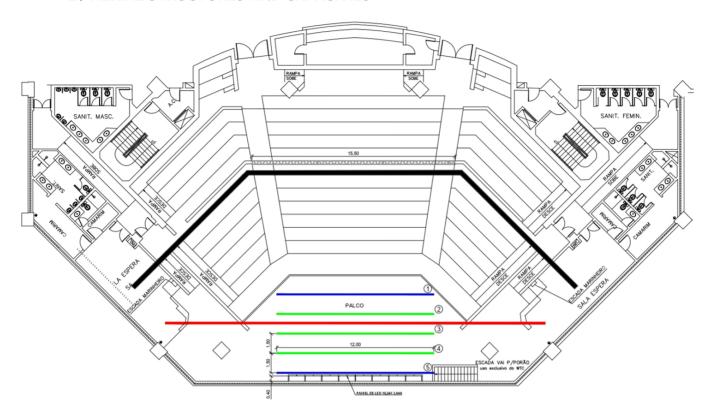
- The client must submit a detailed load calculation memorandum, a breakdown of the materials to be suspended, and the project, at least 20 (twenty) business days before the event. During the development of your project, consider that the LED panel and sound systems are fixed in place.
- All equipment must be identified on a layout plan that includes the spacing between them and technical specifications, such as: equipment description, weight, rotational or translational movement (if any), and quantity and percentage of safety margin. Along with the project, the calculation memorandum must be submitted, properly filled out with descriptions of the equipment to be deployed.
- The installation of equipment must strictly adhere to the elements represented in the approved layout plan and technical form.
- Allow for a minimum safety distance of 1.5m from the LED panel in case of scenography or any special assembly.



- The stairs located on the sides of the stage are fixed in place, so we ask that you take them into consideration in the development of your project, as they cannot be removed.
- In the case of multiple companies, all projects must be unified to ensure that structures do not coincide (scenography, audiovisual, etc.).
- Failure to submit within the stipulated deadline may risk disapproval by the engineering team, and loads may not be suspended.
- Only loads previously approved by the engineering team can be suspended. In the
  event of changes to the project, it must be resubmitted to engineering for
  reapproval.
- Non-compliance with the project will result in the suspension of assembly until the original project is followed or new validation is obtained from the engineering team.
- The submission of the ART/RRT for the aerial and scenic design project is required when applying to the specialist responsible for your event.
- The use of elevated platforms in the theater is prohibited.
- Approved projects that undergo changes may incur charges for revalidation.
- The technician will oversee the assembly for a period of 06 hours; if it exceeds this timeframe, an additional fee of R\$230.00 + 5% ISS (per hour) will be charged. If the technician's return is necessary, an additional fee of R\$600.00 + 5% ISS will be charged for another 06 hours.

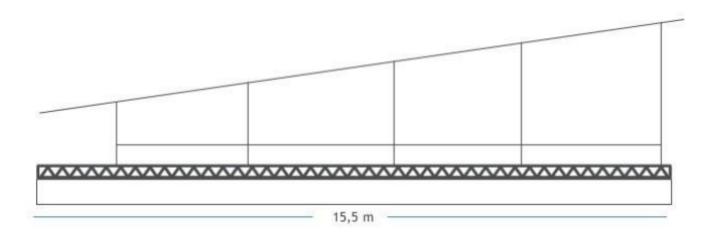


## 2. AERIAL STRUCTURES AND CAPACITIES



SUBTITLE		
[XXXXXX]	Q30Box Truss – 15.5 meters – with a distributed load capacity of 250kg	
	Maintenance Walkway – Exclusive use for WTC – access not allowed – fixing cable, lighiting,etc is not permitted	
	Scenic bars 1 and 5 - not available for use - contain fixed equipment	
	Scenic bars 2,3,4 – 12.0 meters – with a distributed load capacity of 100kg	
	Sprinkler Piping – Fixing of lighiting, scenography, etc, is prohibited	
	LED Panel – 10.24 X 3.84h – fixed equipment – maintain mandatory distance	

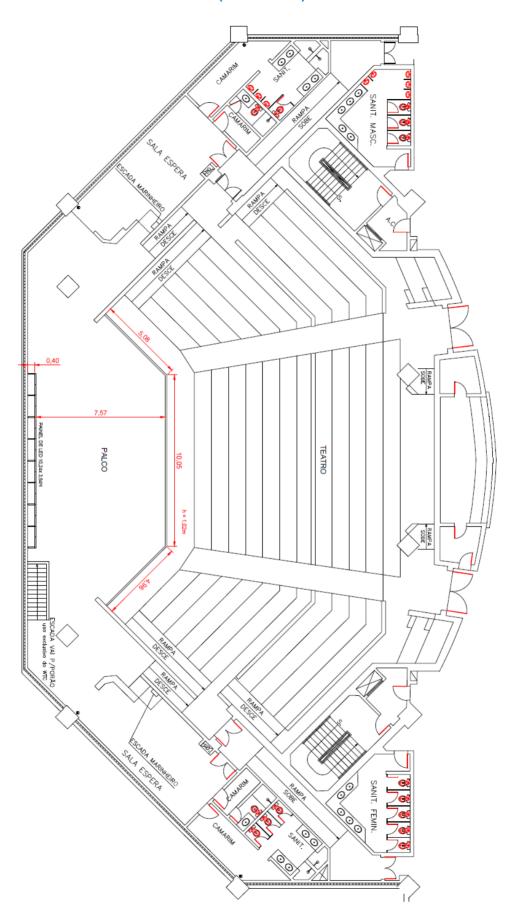








# 3. STAGE MEASUREMENTS (IN METERS)





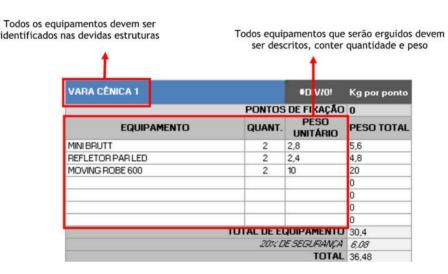
#### 4. GUIDANCE - FILLING OUT THE CALCULATION REPORT

 The submission of the calculation memorandum in Excel format is mandatory; other formats such as PDF or similar will not be accepted.

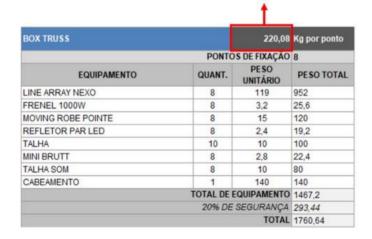
NOTE: Below are some screenshots with examples of the filling format. Please notice that these are only samples of local documentation and all ART and RRT can only be validated by an engineer or architect accredited by the engineering council of the state of São Paulo (CREA-SP), and additional informations, if necessary, can be provided directly to your hired professional



Deve conter no memorial os principais dados do evento.



Caso o campo fique vermelho o valor por ponto ultrapassou o permitido, sendo assim o projeto não será aprovado.

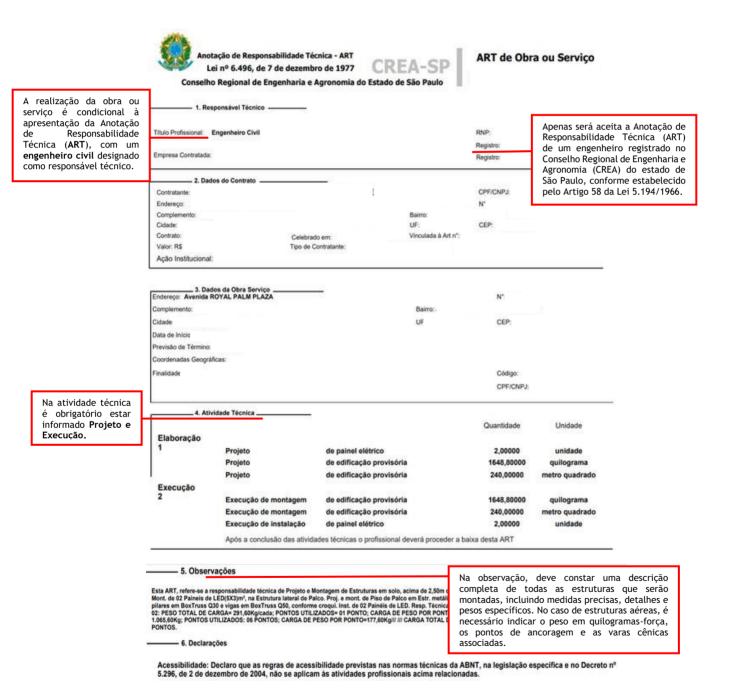




#### 5. PREPARATION OF ART - TECHNICAL RESPONSIBILITY NOTE

• The project can only be assembled upon the presentation of original ART or RRT covering both design and execution, issued by an architect or civil engineer.

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## 6. PREPARATION OF RRT - TECHNICAL RESPONSIBILITY RECORD

The project can only be assembled upon the presentation of the original ART or RRT covering both design and execution, issued by an architect or civil engineer.

NOTE: Below are some screenshots with examples of the filling format. Please notice that these are only samples of local documentation and ART and RRT can only be validated by an engineer or architect accredited by the engineering council of the state of São Paulo (CREA-SP), and additional informations, if necessary, can be provided directly to your hired professional.

