



TECHNICAL DATA SHEET • 2025

Updated 11/2025



SUMMARY

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The Zénith de Strasbourg, a subsidiary of the S-PASS TSE group, will offer you a tailored welcome and strive to always meet your needs as closely as possible. We guarantee **responsiveness and flexibility**.

Certified ISO 9001 and ISO 20121, we integrate sustainable development principles into all our actions to reduce the environmental impact of our facilities and events.

PAGE 3

CHAPTER 1 CONFIGURATIONS AND CAPACITY

1A. Seating capacity
1B. Seating / standing capacity

PAGE 5

CHAPTER 2 THE STRASBOURG ZENITH WELCOMES YOU

PAGE 6

CHAPTER 3 TECHNICAL DESCRIPTION OF THE VENUE

3A. Technical section
3B. Communication network

PAGE 10

CHAPTER 4 REGULATIONS / SAFETY INSTRUCTIONS

PAGE 11

CHAPTER 5 TECHNICAL GRID MANUAL

5A. Vertical sling loads
5B. Non-vertical sling loads



CONFIGURATIONS AND CAPACITY

1A. SEATING CAPACITY

BLOCS	A0 Very Small Seating Capacity	A0 Very Small Seating capacity	A2 Small Seating Capacity	A2 PRIM Small Seating Capacity	A3 Medium Seating Capacity	A4 Large Seating Capacity	A5 Very Large Seating capacity
TIER 3							
A (GR3-P26)	0	0	0	0	0	0	252
B (GR3-P24)	0	0	0	0	0	0	414
C (GR3-P22)	0	0	0	0	0	0	351
D (GR3-P21)	0	0	0	0	0	0	359
E (GR3-P23)	0	0	0	0	0	0	414
F (GR3-P25)	0	0	0	0	0	0	252
Total Tier 3	0	0	0	0	0	0	2,042
TIER 2							
G (GR2-P16)	0	0	0	0	0	323	323
H (GR2-P14)	0	0	44	0	179	374	374
I (GR2-P12)	0	0	469	469	469	469	469
J (GR2-P11)	0	0	474	474	474	474	474
K (GR2-P13)	0	0	44	0	179	374	374
L (GR2-P15)	0	0	0	0	0	323	323
Total Tier 2	0	0	1,031	943	1,301	2,337	2,337
TIER 1							
M (GR1-P16)	0	0	0	0	328	328	328
N (GR1-P14)	164	348	348	348	348	348	348
O (GR1-P12)	199	199	199	199	199	199	199
P (GR1-P11)	206	206	206	206	206	206	206
Q (GR1-P13)	164	348	348	348	348	348	348
R (GR1-P15)	0	0	0	0	328	328	328
PRM	12	18	18	18	30	30	30
PRM Assistant	12	18	18	18	30	30	30
Total Tier 1	757	1,137	1,137	1,137	1,817	1,817	1,817
GRANDSTANDS							
S (TR-P4)	0	46	46	46	104	104	104
T (TR-P2)	79	79	79	79	79	79	79
U (TR-P1)	83	83	83	83	83	83	83
V (TR-P3)	0	46	46	46	104	104	104
Total Grandstands	162	254	254	254	370	370	370
STALLS							
W (P-P4)	0	0	0	263	263	263	263
X (P-P2)	229	229	229	370	370	370	370
Y (P-P1)	235	235	235	380	380	380	380
Z (P-P3)	0	0	0	263	263	263	263
PRM	6	6	6	10	10	10	10
PRM Assistant	6	6	6	10	10	10	10
Total Stalls	472	472	472	1 296	1 296	1 296	1 296
GRAND TOTAL	1,395	1,867	2,898	3,630	4,784	5,820	7,862

CONFIGURATIONS AND CAPACITY

1B. JAUGES ASSIS DEBOUT

BLOCS	D1 Very Small Seating and Standing Capacity	D2 Small Seating and Standing Capacity	D2 ROCK Small Seating and Standing Capacity	D2 PRIM Small Seating and Standing Capacity	D3 Medium Seating and Standing Capacity	D4 Large Seating and Standing Capacity	D5 Very Large Seating and Standing Capacity	D6 Very Large Seating and Standing Capacity
TIER 3								
A (GR3-P26)	0	0	0	0	0	0	252	252
B (GR3-P24)	0	0	0	0	0	0	414	414
C (GR3-P22)	0	0	0	0	0	0	351	351
D (GR3-P21)	0	0	0	0	0	0	359	359
E (GR3-P23)	0	0	0	0	0	0	414	414
F (GR3-P25)	0	0	0	0	0	0	252	252
Total Tier 3	0	0	0	0	0	0	2,042	2,042
TIER 2								
G (GR2-P16)	0	0	0	0	0	323	323	323
H (GR2-P14)	0	44	0	0	179	374	374	374
I (GR2-P12)	0	469	0	0	469	469	469	469
J (GR2-P11)	0	474	0	0	474	474	474	474
K (GR2-P13)	0	44	0	0	179	374	374	374
L (GR2-P15)	0	0	0	0	0	323	323	323
Total Tier 2	0	1,031	0	0	1,301	2,337	2,337	2,337
TIER 1								
M (GR1-P16)	0	0	0	0	328	328	328	328
N (GR1-P14)	164	348	348	348	348	348	348	348
O (GR1-P12)	199	199	199	199	199	199	199	199
P (GR1-P11)	206	206	206	206	206	206	206	206
Q (GR1-P13)	164	348	348	348	348	348	348	348
R (GR1-P15)	0	0	0	0	328	328	328	328
PRM	12	18	18	18	30	30	30	30
PRM Assistant	12	18	18	18	30	30	30	30
Total Tier 1	757	1,137	1,137	1,137	1,817	1,817	1,817	1,817
GRANDSTANDS								
S (TR-P4)	0	0	46	0	0	0	0	0
T (TR-P2)	0	0	29	0	0	0	0	0
U (TR-P1)	0	0	29	0	0	0	0	0
V (TR-P3)	0	0	46	0	0	0	0	0
Total Grandstands	0	0	150	0	0	0	0	0
STALLS								
STALLS	830	1,000	2,000	2,863	2,738	3,779	3,779	5,883
Total Stalls	830	1 000	2 000	2 863	2 738	3 779	3 779	5 883
GRAND TOTAL	1,967	3,168	3,287	4,000	5,856	7,933	9,975	12,079



THE STRASBOURG ZENITH EUROPE WELCOMES YOU

2

THE PREMISES

- ▶ The **national production** is located on the ground floor and first floor of the Strasbourg Zenith. On the ground floor is the **catering production area** (147 m²) with its **fully equipped kitchen**, the **artist's dressing room** and the **costume dressing room** with a **laundry room** equipped with four water and electricity connections for washing machines.
- ▶ On the first floor, there are **eight dressing rooms** (ranging from 16 m² to 51 m²), **three production offices** (ranging from 12 m² to 30 m²) and a **toilet block**. Access between floors is provided by stairs or lifts (2).
- ▶ **Local production** is located stage left on the ground floor with a **production office** (16 m²), a **catering area** (46 m²) and **kitchen**, and a **changing room for local staff** (36 m²).
- ▶ Outside, a car **park** with 40 spaces (including two for people with reduced mobility) and 25 spaces for heavy goods vehicles or buses allows productions to **park in an enclosed courtyard** only on operating days. This car park is also used by the resident staff of the Zénith de Strasbourg.
- ▶ A 230 m² covered **storage area** is available at the rear of the stage.



3A. TECHNICAL SECTION

DIMENSIONS

- Stage area 38.50 m x 26.00 m
- Stage frame width 53 m
- Clearance under calwalk = 15.60 meters
- Clearance of rigging Plots = 17 meters

TRUCK ACCESS DOORS

Two lorry access doors in the auditorium, stage right and stage left, 4.80 m wide by 4.25 m high, used as emergency exits in D6, and a central door 4.50 m wide by 3.90 m high, the latter not providing lorry access to the interior of the auditorium.

STAGE: Laid on a quartz concrete floor

- Variable height (from 1.30 m to 1.80 m) and made of 2.44 m and 1.22 m elements. Available surface area 31.72 m x 17.08 m, i.e. 540 m². Stage modification charged at €6.00 excl. VAT/m²
- **Standard assembly in A1 to A5 and D1 to D5:**
24.40 m x 14.64 m x 1.40 m
- **Standard assembly in D6:**
24.40 m x 12.20 m x 1.40 m
- Permissible load 500 daN/m².
- Guardrails on three sides with four staircases and four access ramps.
- 20 platforms measuring 2 m x 1 m, adjustable from 0.20 m to 1 m (rental price: €25 excl. VAT/unit)

SAFETY BARRIERS

- 34 aluminium anti-push barriers and 4 corners (crash barriers)
- 12 black Vauban-type police barriers in the venue

CONTROL ROOM: The control room is located at the top of tier 1

Distance from the stage: 34 m in gauge A1, A2, D1, D2

41 m in gauge A3, A4, A5, D3, D4, D5

47 m in gauge D6

Dimensions :

8 m x 3 m

Height above ground:: 4 m

BLACKOUTS

- Black stage skirt
- Black stage backdrop curtain and black front curtain
- The venue is equipped with black curtains for partitioning the seating area.
- The venue has 6 side curtains (4.30 x 14.00) available for hire at €50.00 excl. VAT per set of side curtains (2x)

CABLE PASSAGE

The venue is equipped with a cable duct leading to the control room (along the centre line of the venue), with an additional 30 CAPA-type 3-way cable passages available..

ELECTRICAL DISTRIBUTION

The building's neutral system is TN type

- Stage lighting: 630A/400V backstage
- Stage sound system: 250A/400V backstage (on isolation transformer)
- Stage machinery: 125A/400V backstage





TECHNICAL DESCRIPTION OF THE VENUE

3

LIGHTING

A. FIXED LIGHTING CABINET 1: STAGE RIGHT REMOTE POSITION

Voltage and intensity controller with source selection

- 1 x 400A in power-lock type sockets
- 1 x 250A on terminals
- 2 x 125A in P17 3P + E + N with lock
- 1 x 125A on terminals
- 2 x 63A in P17 3P + E + N
- 1 x 63A on terminals
- 4 x 32A in P17 3P + E + N
- 2 x 16A "standard" power sockets

B. FIXED LIGHTING CABINET 2: STAGE RIGHT REMOTE POSITION

Voltage and current controller with source selection

- 1 x 630A in "power-lock" type sockets
- 1 x 250A on terminals
- 2 x 125A in P17 3P + E + N with lock
- 1 x 125A on terminals
- 2 x 63A in P17 3P + E + N
- 1 x 63A on terminals
- 4 x 32A in P17 3P + E + N
- 2 x 16A "standard" power sockets

SOUND SYSTEM

A. FIXED SOUND SYSTEM CABINET: STAGE LEFT REMOTE POSITION

Voltage and current controller with source selection

- 1 x 250A on terminals (mobile sound system cabinet power supply)
- 8 x 32A in P17 L + E + N
- 4 x 16A "standard" power sockets

B. MOBILE SOUND SYSTEM CABINET: 30 ML OF CABLE

Powered by 125 A terminals from the fixed sound system cabinet

- 1 x 125A on 70² terminals
- 1 x 125A in P14 3P + E + N with lock
- 1 x 63A on 35² terminals
- 1 x 63A on P17 3P + E + N with lock
- 2 x 32A in P17 3P + E + N with locking
- 2 x 32A on terminals
- 6 x 16A "standard" power sockets

FIXED CABINET FOR STAGE MACHINERY

REMOTE CENTRE POSITION

- 1 x 125A in P17 3P + E + N
- 1 x 125A on 70² terminals
- 1 x 63A in P17 3P + E + N with lock
- 1 x 63A on 35² terminals
- 3 x 32A in P17 3P + E + N
- 9 x 16A "standard" power sockets

FIXED VIDEO CABINET

REMOTE CENTRE POSITION

- 1 x 63A in P17 3P + E + N
- 4 x 32A in P17 3P + E + N
- 6 x "standard" 16A power sockets

BUS CABINET

OUTDOORS (PARKING PRODUCTION)

- 2 x 32A 3P + E + N
- 1 x 32A 3P + E + N (connect to sound cabinet)
- 10 x 32A in P17 L + E + N
- 18 x 16A "standard" power sockets

CALTWALK BOXES

A. THREE-PHASE BOXES: 4

- 1 x 32A in P17 3P + E + N
- 4 x 16A in P17 3P + E + N

B. MAINTENANCE BOXES: 4

- 1 x 32A in P17 3P + E + N
- 1 x 32A in P17 L + E + N
- 2 x 16A "standard"

C. MISCELLANEOUS POWER SOCKETS:

- 1 x 32A in P17 3P + E + N
- 34 x 16A "standard"

DISTRIBUTION BOXES: The 11 distribution locations are located in the catwalks with their electrical distribution nearby.

- 1 x 32A in P17 L + E + N (mono)
- 1 x 16A in P17 L + E + N (mono)

CONTROL ROOM: In the tiers

- 1 x 32A in P17 3P + E + N (protected at 30mA) on stage right cabinet
- 36 x 16A "standard" on cabinets
- 17 x 32A in P17 L + E + N (single-phase) on cabinets
- 6 x 16A "standard" on cable tray
- 9 x 16A "standard" with backup on cable tray

BARNUM CABINET

- 1 x 32A on terminals
- 1 x 16A on terminals

ROOM BOXES: 4 in total (2 stage left / 2 stage right)

- 1 x 32A in P17 3P + E + N
- 1 x 16A in P17 3P + E + N
- 6 x 16A "standard"

CATERING

CATERING PRODUCTION:

- 1 x 32A in P17 3P + E + N
- 28 x 16A "standard" power sockets

LOCAL CATERING:

- 10 x 16A "standard" power sockets

LIFTING AND HANDLING

- 1 x 2.5-tonne gas forklift truck with fork extensions
- 4 lorry unloading ramps, 0.80 m x 4.50 m
- 30 500 kg hoists for hire at €55.00 excl. VAT/motors/speed 4m/min
- 226 safety slings and fittings (shackles, etc.)

HOOKS

The venue is equipped with a technical grid allowing a total load of 40 tonnes above the stage area (see load plan)

BEAMS

- 16 flat beams measuring 2.50 m
- 29 beams measuring 2.10 m in 500 tri
- 18 beams measuring 5.00 m in 500 tri



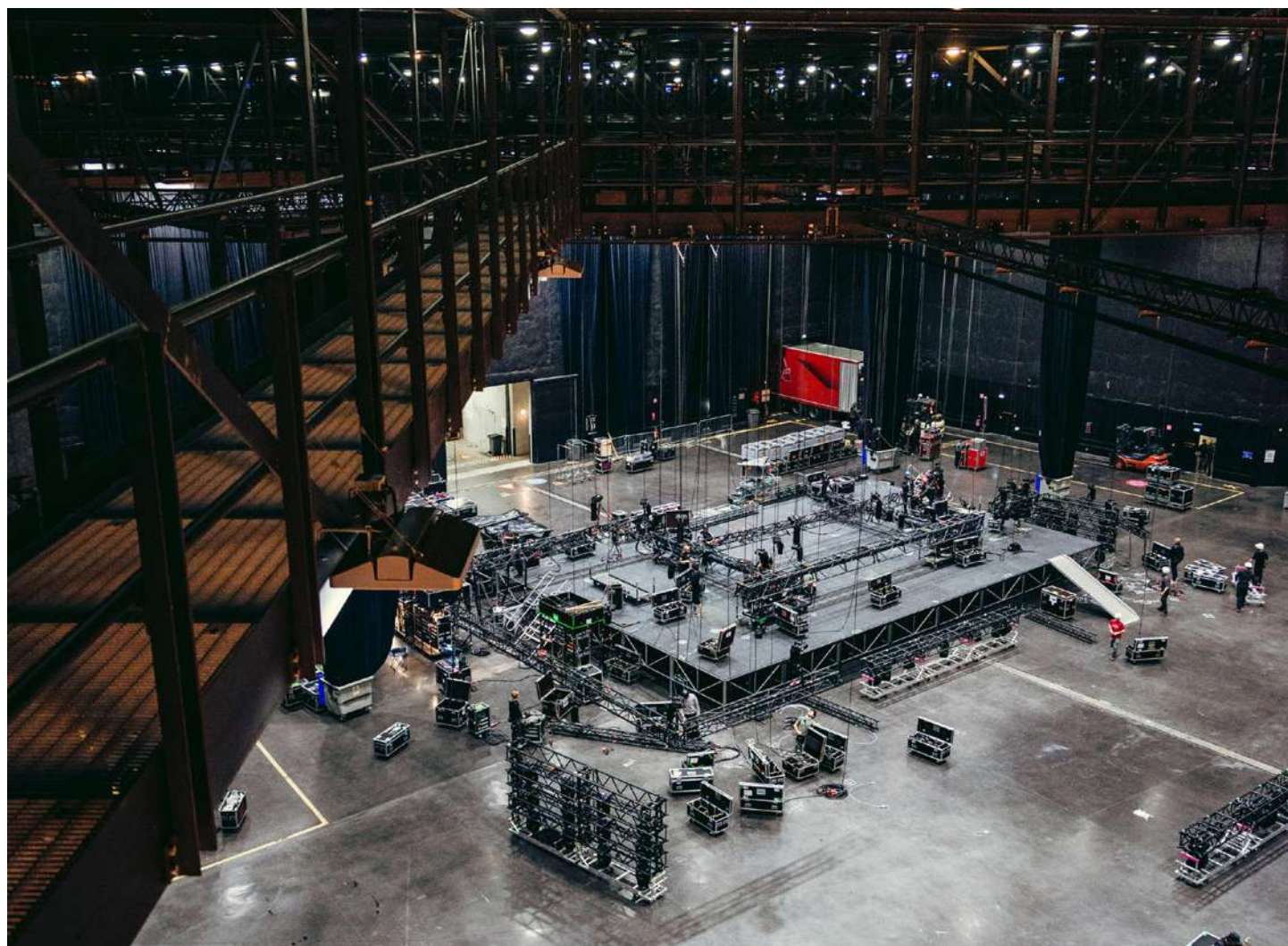
3B. COMMUNICATION NETWORKS

ETHERNET/INTERNET NETWORKS

- The Zenith is equipped with fibre optic patch panels and RJ45 sockets connecting all areas of the building to the Internet, Ethernet and analogue and digital telephone networks.
- The Zenith provides productions with an unsecured WiFi Internet network covering all dressing rooms and production offices, administration, the auditorium and the lobby.

WALKIE-TALKIE

- The Zenith operates three frequencies for its walkie-talkie network: 445.1750 MHz / 445.7125 MHz / 445.7625 MHz
- Other frequencies are used in the 446.00 to 446.20 MHz range (information available on request)
- The Zenith provides productions with four walkie-talkies for communication between themselves and venue staff.



RULES – SAFETY INSTRUCTIONS

PLEASE READ

- the prevention plan finalised in the morning during the welcome session
- the internal regulations displayed at the Zénith de Strasbourg administration office
- the operating specifications attached to the rental agreement and available on the website

NO SMOKING

Smoking is strictly prohibited inside the Strasbourg Zenith in accordance with applicable law. Staff, artists and technicians are required to comply with this prohibition.

GAS

The use of gas is prohibited at the Strasbourg Zenith.

FLOOR STRUCTURES

In order to prevent damage to our flooring, any event involving elements / decorations / structures placed directly on the floor must be subject to our technical analysis to define execution processes and validate its installation.

WORKER SAFETY

- Access to catwalks is strictly regulated, particularly when the public is present in the establishment.
- Access to stage catwalks will only be permitted to persons equipped with safety harnesses.
- Lifting and handling loads above personnel is prohibited.
- Personnel working in the stage area must be equipped with personal protective equipment: gloves, helmets, safety shoes.
- Forklift drivers must hold a CACES certificate and a driving licence issued by their employer. These documents must be presented to the Zenith's technical manager on site.
- Under no circumstances may forklift trucks be used to transport or lift anything other than the equipment intended for this purpose.
- Only personnel duly authorised by the manager may carry out work on electrical cabinets and enter hazardous areas such as: low voltage switchboards, high voltage switchboards, transformer rooms, etc.



5A. VERTICAL SLING LOADS





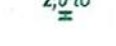

Instructions for use of travelling beams

Case 1/7

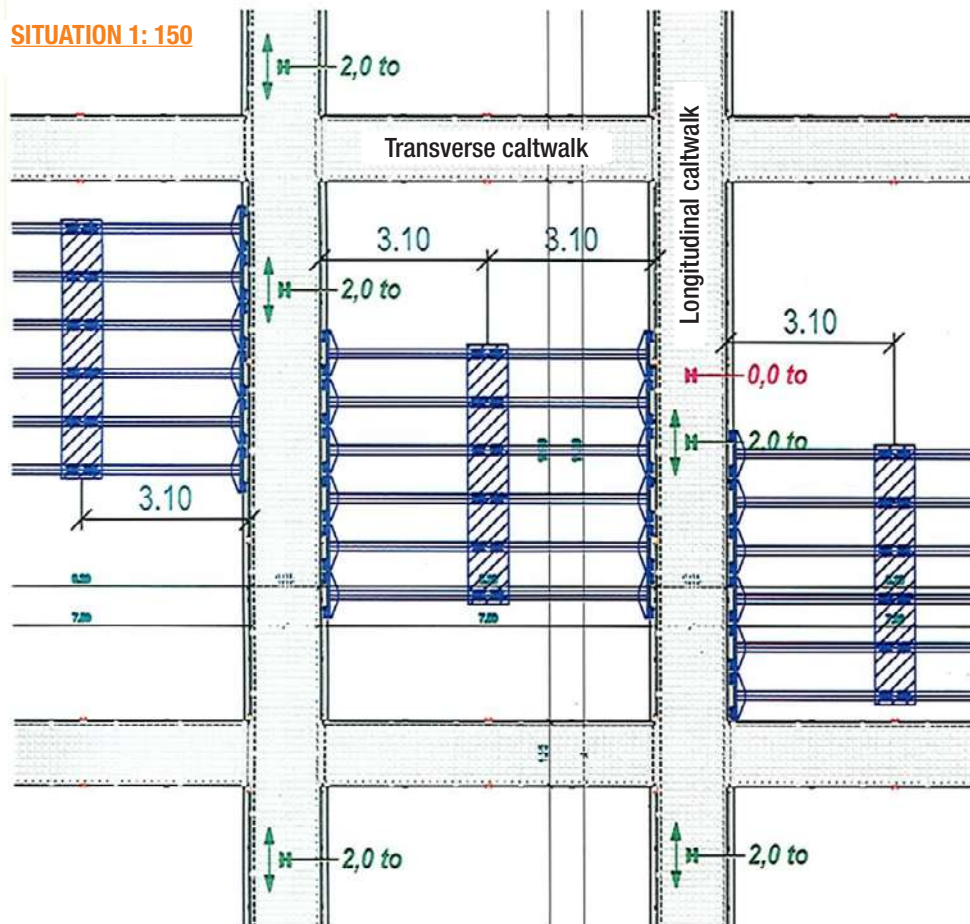
Description of permissible load case:

- The 2 vertical loads of 2 tonnes are centred on the mobile beam.
- The 6 mobile beams can be loaded simultaneously.
- Only one curtain support trolley loaded with 2.0 tonnes may be used per span.
- The trolleys on the mobile beams can be loaded at the same time as a curtain support trolley.
- The maximum permissible load per beam is 4 tonnes with a maximum of 2 tonnes per trolley.

Key:

	Maximum permissible load 12 tonnes over the entire hatched area.
	Hoist trolley out of service, therefore without load.
	Location of the hoist trolley can be defined by the operator.
	Location of the hoist trolley must be as indicated.
	Curtain support trolley in service with a load of 2.0 tonnes.
	Curtain support trolley out of service, therefore without load.

SITUATION 1: 150



5A. VERTICAL SLING LOADS






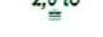

Instructions for use of travelling beams

Case 2/7

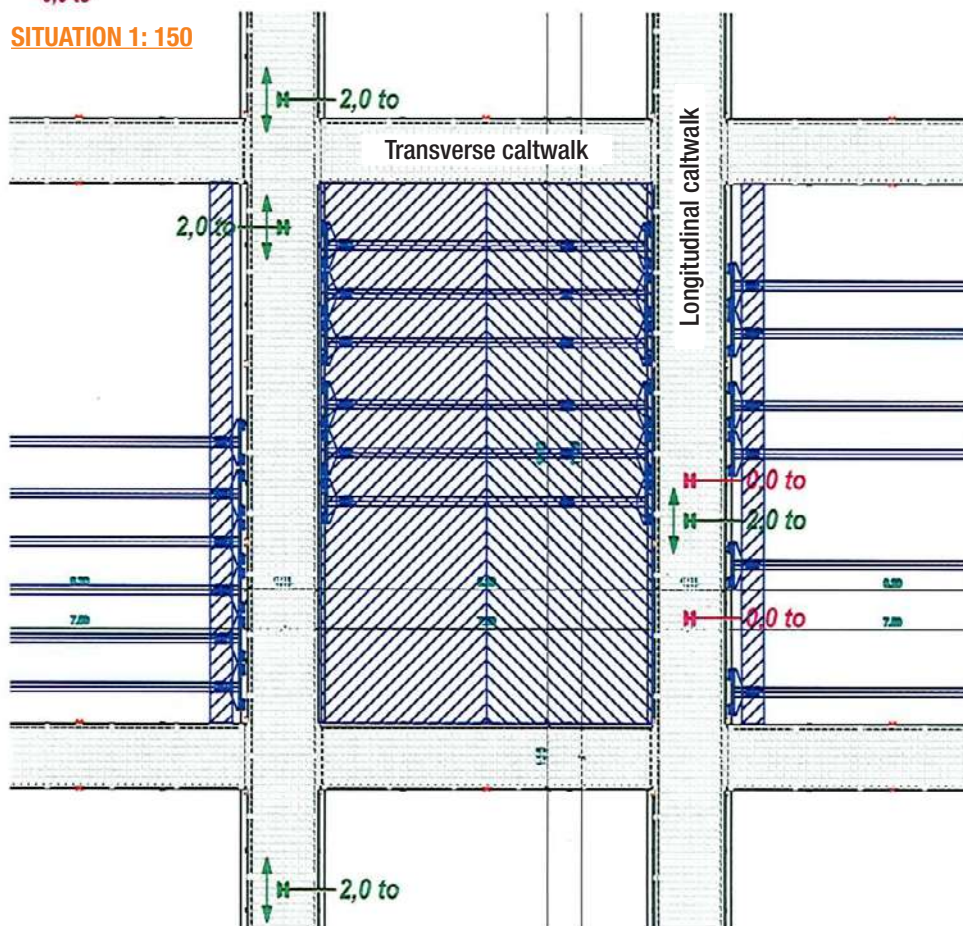
Description of permissible load case:

- One load at one end and the other load on the other half of the mobile beam.
- All 6 mobile beams can be loaded simultaneously.
- Only one curtain support trolley loaded with 2.0 tonnes may be used per span.
- The trolleys on the movable beams can be loaded at the same time as a curtain support trolley.
- The maximum permissible load per beam is 4 tonnes with a maximum of 2 tonnes per trolley

Key:

-  Maximum permissible load 6T over the entire hatched area.
-  Maximum permissible load 6T over the entire hatched area.
-  Hoist trolley out of service, therefore without load.
-  Location of the hoist trolley can be defined by the operator.
-  Location of hoist trolley must be as indicated.
-  Curtain support trolley in service with a load of 2.0 tonnes.
-  Curtain support trolley out of service, therefore without load.

SITUATION 1: 150



5A. VERTICAL SLING LOADS








Instructions for use of travelling beams

Case 3/7

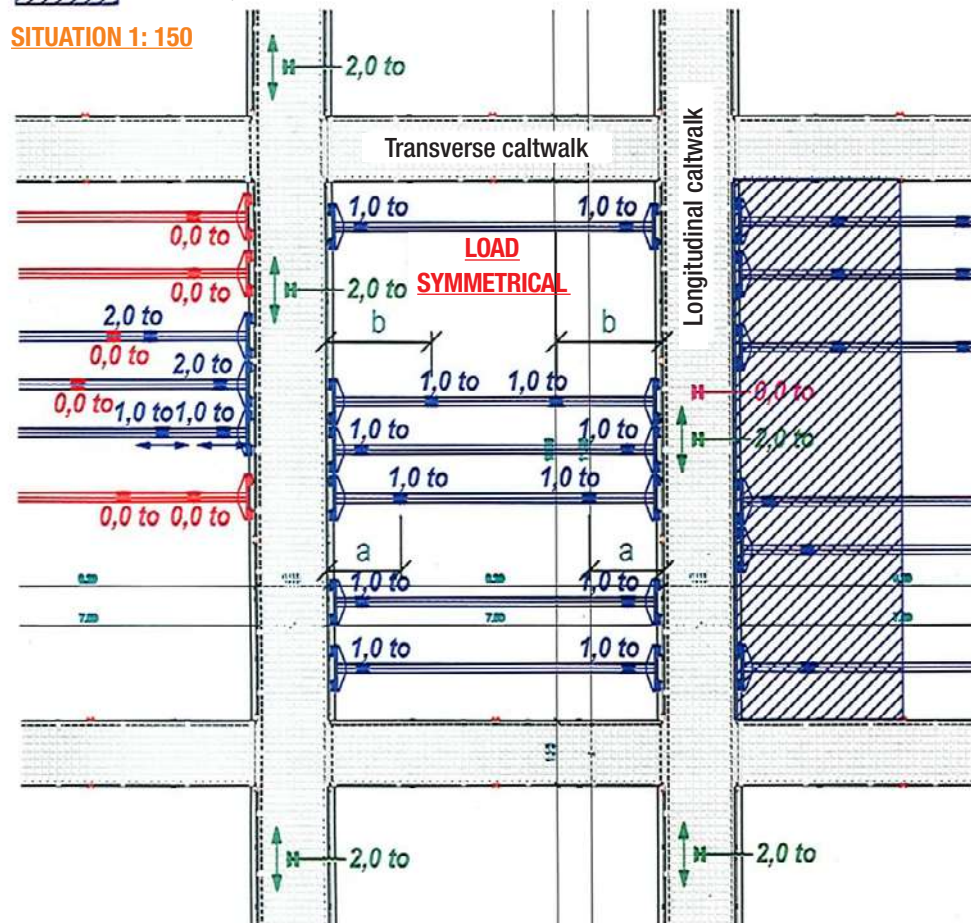
Description of permissible load case:

- The two vertical loads of 2 tonnes are placed symmetrically on the mobile beam.
- The 6 mobile beams can be loaded simultaneously.
- Only one curtain support trolley loaded with 2.0 tonnes may be used per span.
- The trolleys on the mobile beams can be loaded at the same time as a curtain support trolley.

Key:

-  Hoist trolley in service with a load of 1.0 tonne or 2.0 tonnes.
-  Hoist trolley out of service, therefore without load.
-  Location of the hoist trolley can be defined by the operator.
-  Location of the hoist trolley must be at the indicated location.
-  Curtain support trolley in service with a load of 2.0 tonnes.
-  Curtain support trolley out of service, therefore without load.
-  Maximum permissible load 6T over the entire hatched area

SITUATION 1: 150



5A. VERTICAL SLING LOADS







Instructions for use of travelling beams

Case 4/7

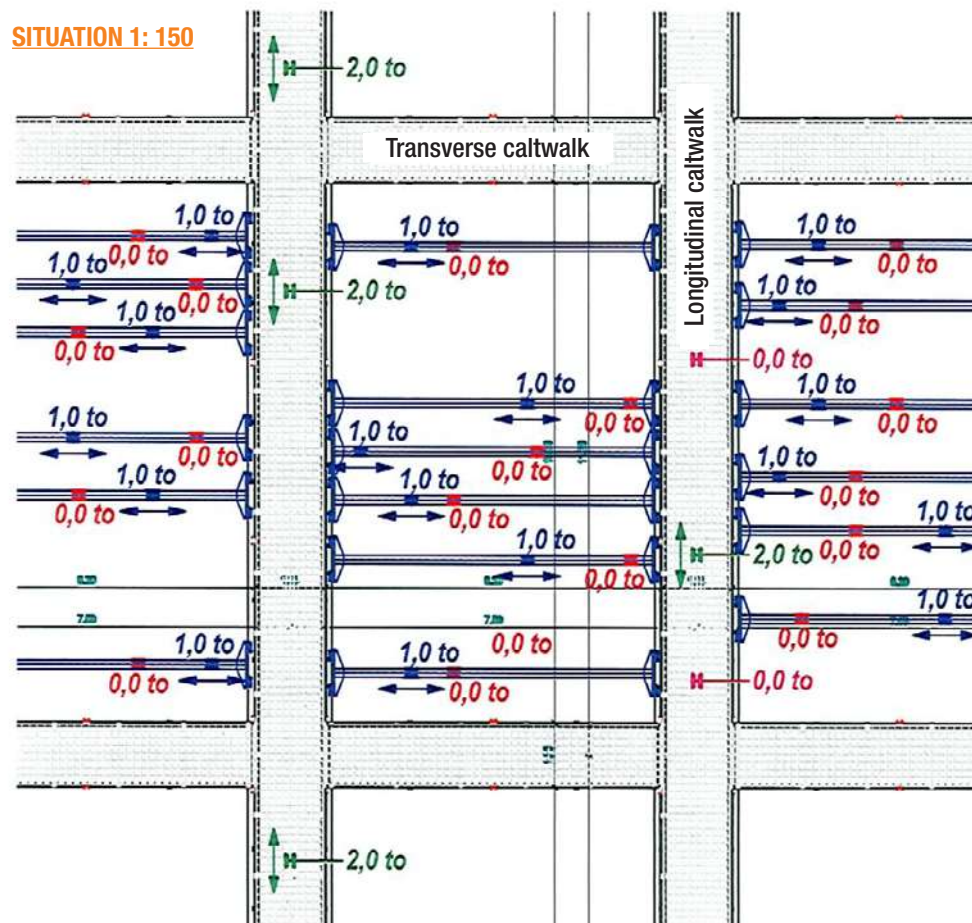
Description of permissible load case:

- If one trolley is loaded with 1.0 tonne, the second trolley is not loaded, unless it is positioned according to case 1, 2 or 3.
- The 6 mobile beams can be loaded simultaneously.
- There can only be one curtain support trolley loaded with 2.0 tonnes per span.
- The trolleys on the mobile beams can be loaded at the same time as a curtain support trolley.

Key:

-  Hoist trolley in service with a load of 1.0 tonne.
-  Hoist trolley out of service, therefore without load.
-  Location of the hoist trolley to be determined by the operator.
-  Location of the hoist trolley must be at the indicated location.
-  Curtain support trolley in service with a load of 2.0 tonnes.
-  Curtain support trolley out of service, therefore without load.

SITUATION 1: 150



5A. VERTICAL SLING LOADS







Instructions for use of travelling beams

Case 5/7

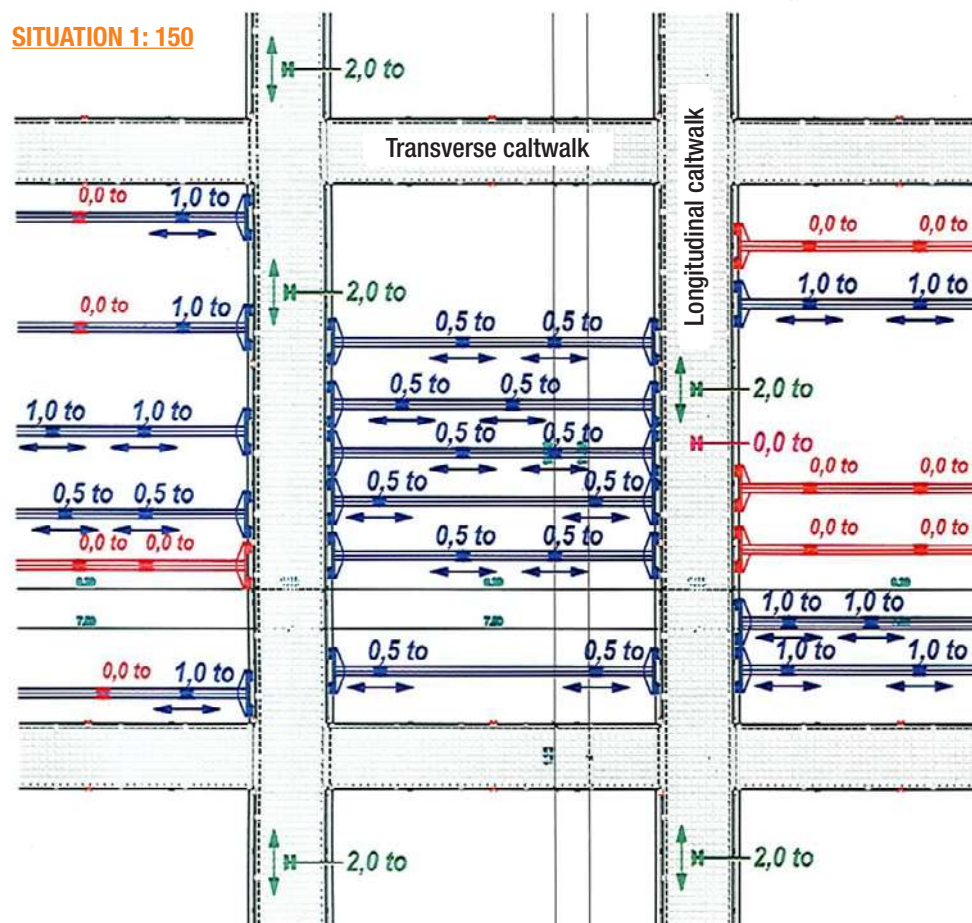
Description of permissible load case:

- If the 2 trolleys are loaded in a random location, the vertical load is limited to 0.5 tonnes per trolley.
- The 6 mobile beams can be loaded simultaneously.
- Per span, there can only be one curtain support trolley loaded with 2.0 tonnes.
- The trolleys on the mobile beams can be loaded at the same time as a curtain support trolley.

Key:

-  Hoist trolley in service with a load of 0.5 to 2 tonnes, depending on the situation.
-  Hoist trolley out of service, therefore without load.
-  Location of the hoist trolley to be determined by the operator.
-  Location of the hoist trolley must be at the indicated location.
-  Curtain support trolley in service with a load of 2.0 tonnes.
-  Curtain support trolley out of service, therefore without load.

SITUATION 1: 150



5A. VERTICAL SLING LOADS




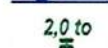


Instructions for use of travelling beams

Case 6/7

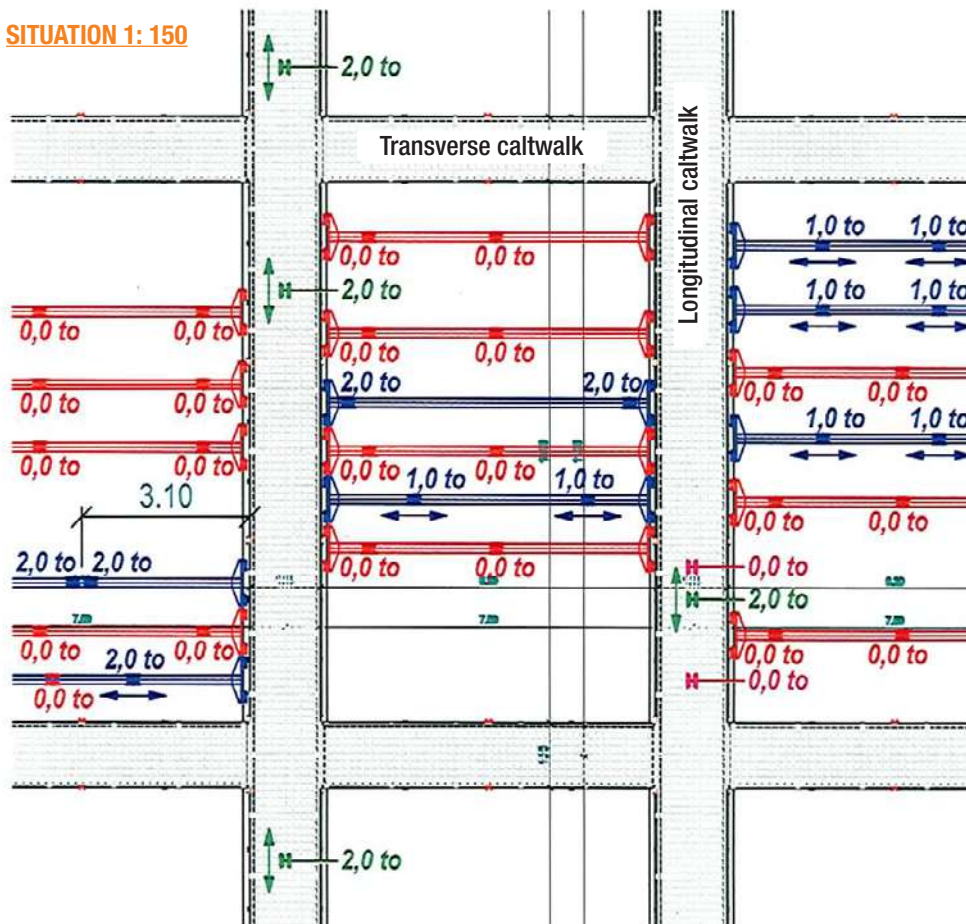
Description of permissible load case:

- If one or two mobile beams are not loaded, it is not possible to increase the load on the others.
- Only one curtain support trolley loaded with 2.0 tonnes is permitted per span.
- The trolleys on the movable beams can be loaded at the same time as a curtain support trolley.

Key:

-  Hoist trolley in service with a load of 2.0 tonnes.
-  Hoist trolley out of service, therefore without load.
-  Location of the hoist trolley can be defined by the operator.
-  Location of the hoist trolley must be at the indicated location.
-  Curtain support trolley in service with a load of 2.0 tonnes.
-  Curtain support trolley out of service, therefore without load.

SITUATION 1: 150



5A. VERTICAL SLING LOADS







Instructions for use of travelling beams

Case 7/7

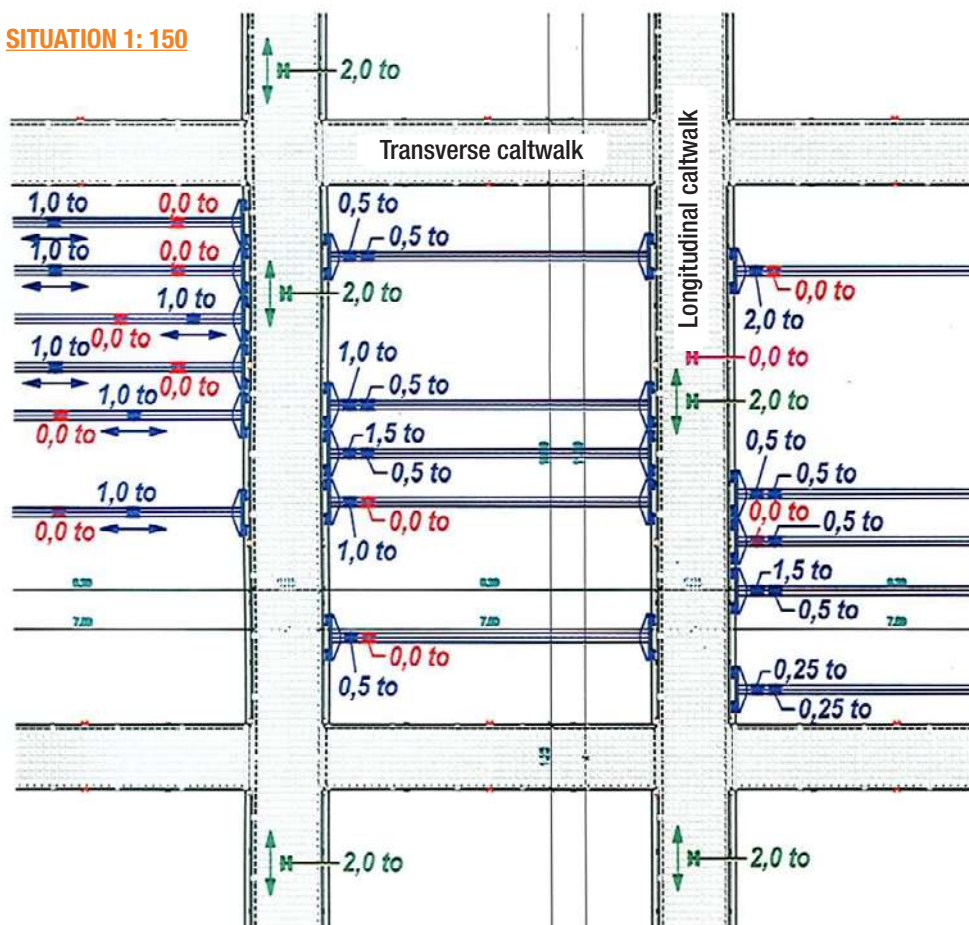
Description of permissible load case:

- Both trolleys can be placed on the same side of the mobile beam.
- In this case, the sum of the two vertical loads is a maximum of 2.0 tonnes.
- The three mobile beams can be loaded simultaneously.
- Only one curtain support trolley loaded with 2.0 tonnes may be used per span.
- The trolleys on the movable beams can be loaded at the same time as a curtain support trolley.

Key:

-  Hoist trolley in service with a load of 2.0 tonnes.
-  Hoist trolley out of service, therefore without load.
-  Location of the hoist trolley can be defined by the operator.
-  Location of the hoist trolley must be at the indicated location.
-  Curtain support trolley in service with a load of 2.0 tonnes.
-  Curtain support trolley out of service, therefore without load.

SITUATION 1: 150





INSTRUCTIONS TO USE THE TECHNICAL GRIL

5

5B. NON-VERTICALLY SLINGED LOADS



Project: 77280 Construction of a Zenith in Strasbourg
Client: Pertuy Construction

Permissible load cases for inclined slinging

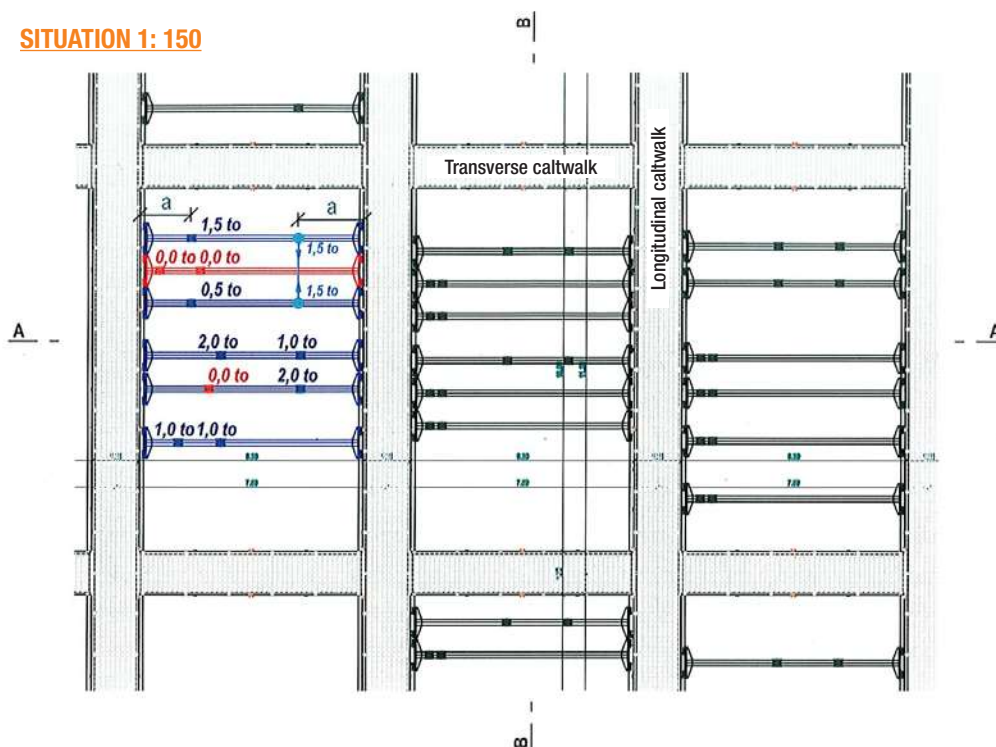
No	Load case	Element under stress	Oblique load		Vertical load simultaneous	Remarks
	Description		Intensity	Angle between slings		
1Y	Slinging between two mobile beams	Mobile beam perpendicular to its axis	1 load of 1,5 tonnes per mobile beam (suspended load 3,0 tonnes)	30° (max)	1 load of 1,5 tonnes per mobile beam	The instructions in the user manual must always be followed in full
2Y	Slinging on the same mobile beam	Mobile beam parallel to its axis	2 loads of 1.5 tonnes per mobile beam (suspended load 3.0 tonnes)	90° (max)	—	The instructions in the user manual must always be followed in full
3Y	Slinging on a running rail of mobile beams	Running rail for mobile beams perpendicular to its axis	1 load of 1,5 tonnes per running rail	30° (max)	2 loads of 1.5 tonnes per running rail	The instructions in the user manual must always be followed in full
4Y	Slinging on a stage curtain support rail	Stage curtain support rail perpendicular to its axis	1 load of 2,0 tonnes per stage curtain support rail	90° (max)	—	The instructions in the user manual must always be followed in full

Aigle, May 11, 2007

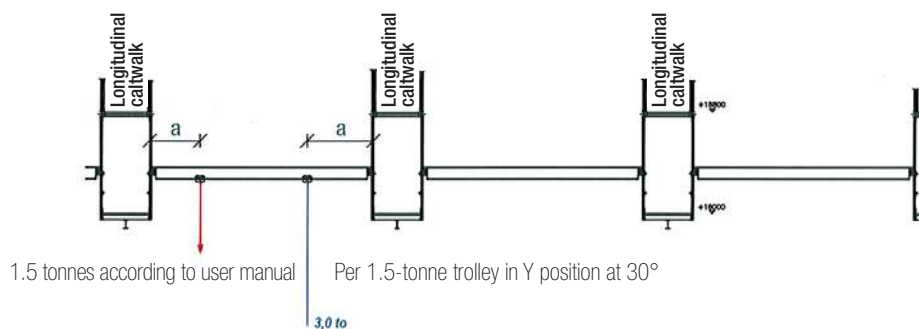
5B. NON-VERTICALLY SLINGED LOADS

Instructions for use of travelling beams Case 1Y/ 3Y

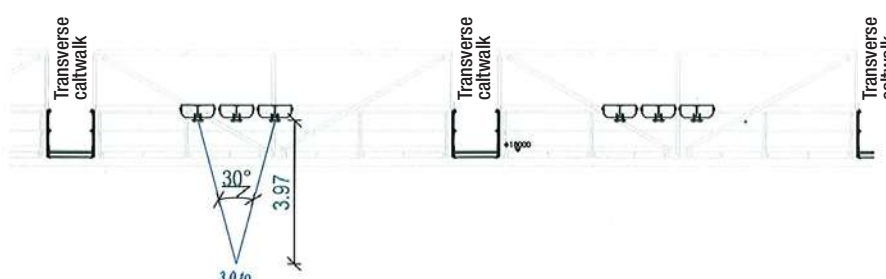
SITUATION 1: 150



SECTION A-A 1: 150



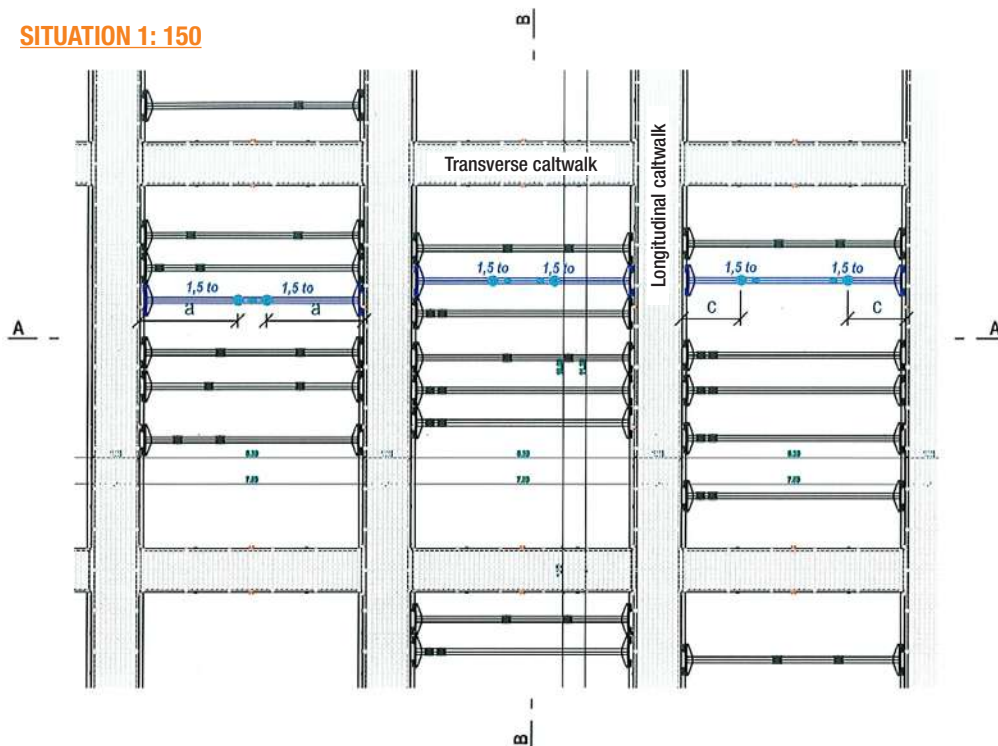
SECTION B-B 1: 150



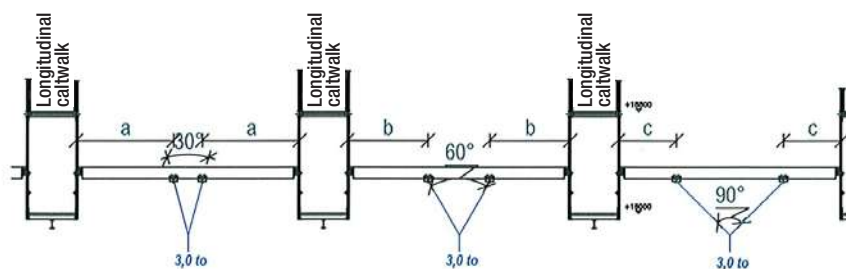
5B. NON-VERTICALLY SLINGED LOADS

Instructions for use of travelling beams Case 2Y/ 3Y

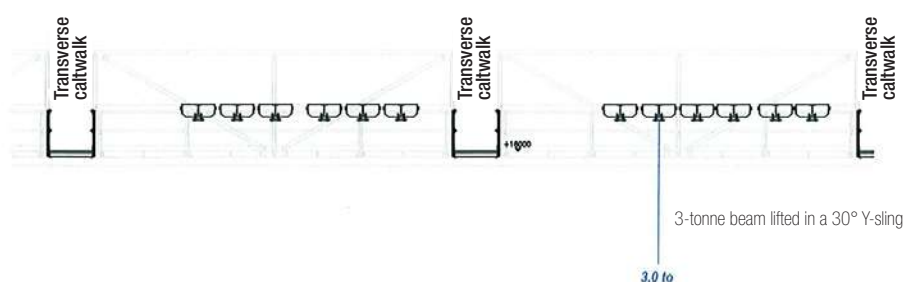
SITUATION 1: 150



SECTION A-A 1: 150



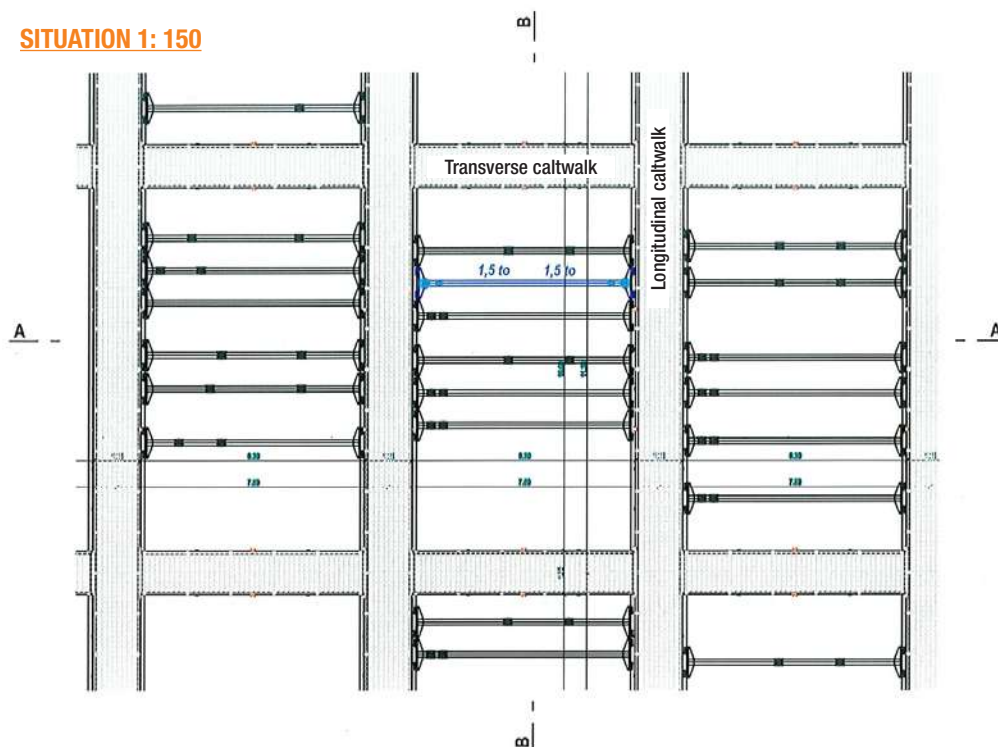
SECTION B-B 1: 150



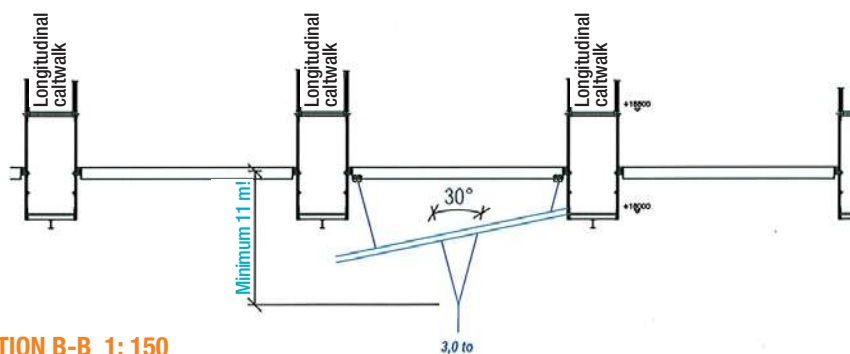
5B. NON-VERTICALLY SLINGED LOADS

Notice d'utilisation des poutres roulantes Case 3Y/ 3Y

SITUATION 1: 150



SECTION A-A 1: 150



SECTION B-B 1: 150

