2020 STAGELINE SL260 DCW

KRAKEN EVENT SOLUTIONS
SOUND • LIGHTING • STAGING

We are proud to offer a highly customizable portable stage for numerous event applications. Our stages are fully engineered with current engineering certificates. Our certified technicians and operators ensure safety is the number one priority.

FEATURES

- ***Main covered stage floor of 32' X 24' expandable up to 32' X 56'***
- ***Wind resistance of 115 MPH or 185 KM/H without windwalls***
- ***Wind resistance of 77 MPH or 123 KM/H with windwalls***
- ***Rigging capacity of 18,500 LBS or 8,391 KG***
- ***2500 LB capacity fly bays***
- ***Banner support kit with space for a 46' X 5' top banner, 2 blow through side banners 13' X 20.5' and 32-56' X 5' skirt***

OPTIONS

- ***Stage left and right covered wings to add an additional 20' X 12' covered area on each side of the stage***
- ***Rooftop screen support capable of up to 4500 LBS***
- ***Stage deck extensions to extend the stage to over 1500 SQFT of covered area or up to 1700 SQFT with uncovered fly bay deck extensions***
- ***Downstage roof extension***
- ***PA covers and line array rigging beams***

SL260

THE SL260
NOTHING COMPARES

STAGE LINE®

AT A GLANCE

FLOOR

32’ x 24’ (9.8 m x 7.3 m) up to
56’ x 32’ (17.1m x 9.8m) with
extension platforms

SET-UP

2 technicians*

1 hour

WIND RESISTANCE

115 mph (185 km/h)
without windwalls
77 mph (123 km/h)
with windwalls

RIGGING

18,500 lb (8,391 kg)

* Stageline promotes safe working habits by having a minimum of two workers on every job site.


Hard Rock
STADIUM
SUPER BOWL
SUPER BOWL LIV
NFC
CHAMPIONS
AFC
CHAMPIONS
FANSFIRST!
15

COVERED WINGS

SET-UP

2 technicians*

2.5 hour

SPECIFICATIONS

Roof: clearance 12’-9” to 6’-10” (3.9 m to 2.1 m)

Deck capacity: Rated at 100 lb/sq. ft (500kg/m^2)

Weatherproof fire retardant windwalls

OPTIONAL

Scrim windows: 48” x 24” (1.2 m x 0.6 m)

Doors: 72” x 84” (1.8 m x 2.1 m), 42” x 84” (1.1 m x 2.1 m)

* Stageline promotes safe working habits by having a minimum of two workers on every job site.

Photo: AV Strategies

SCREEN SUPPORT

4,500 lb (2,040 kg) capacity.

Installs from the ground directly to the roof. No need for additional trussing or machinery.

Size: 17’ 6” (5,34 m) wide x 14’ 7” (4,46 m) Height

Suggested screen sizes : 16’ x 12’ (4,8 m x 3,6 m) or 12’ x 9’ (3,6 m x 2,7 m)

A TOUGH MACHINE THAT BEATS THE WEATHER

HIGHEST WIND RESISTANCE IN THE INDUSTRY

Rain and wind protection up to:

- **115 mph (185 km/h)** without windwalls
- **77 mph (123 km/h)** with PVC windwalls

Rain or shine, sand or snow
Stageline mobile stages are built to be operated under the most demanding outdoor conditions.

The SL260 is engineered and built based on the IBC (International building code) & NBC (National building code)

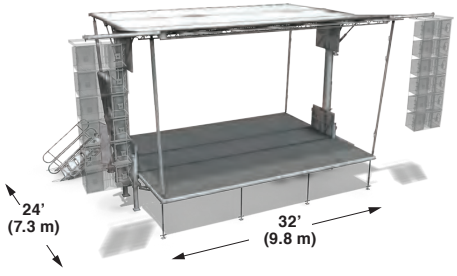
Exceeds AINSI standards

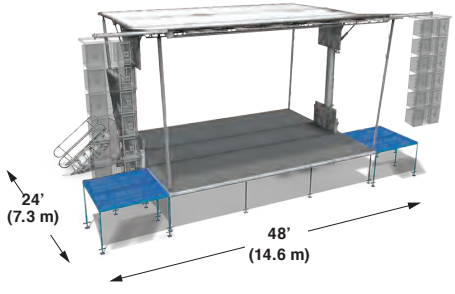
SL260 IN A SNOW STORM AT MONTRÉAL EN LUMIÈRE

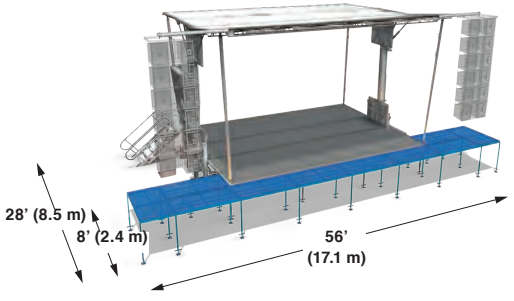
Photo: Peter Ryaux-Larsen – Montréal en Lumière

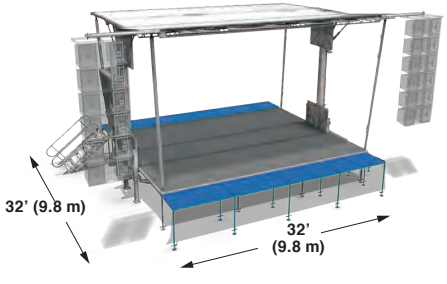
Photo: Peter Ryaux-Larsen

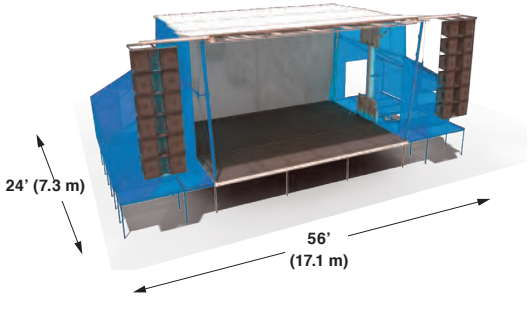
SOME FLOOR CONFIGURATIONS

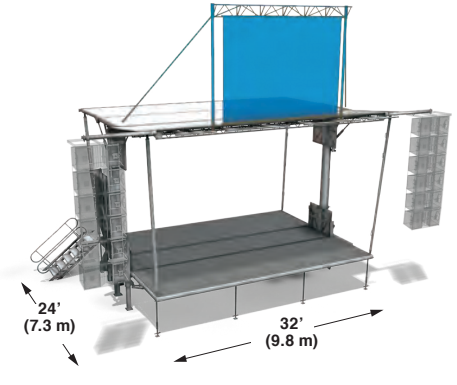




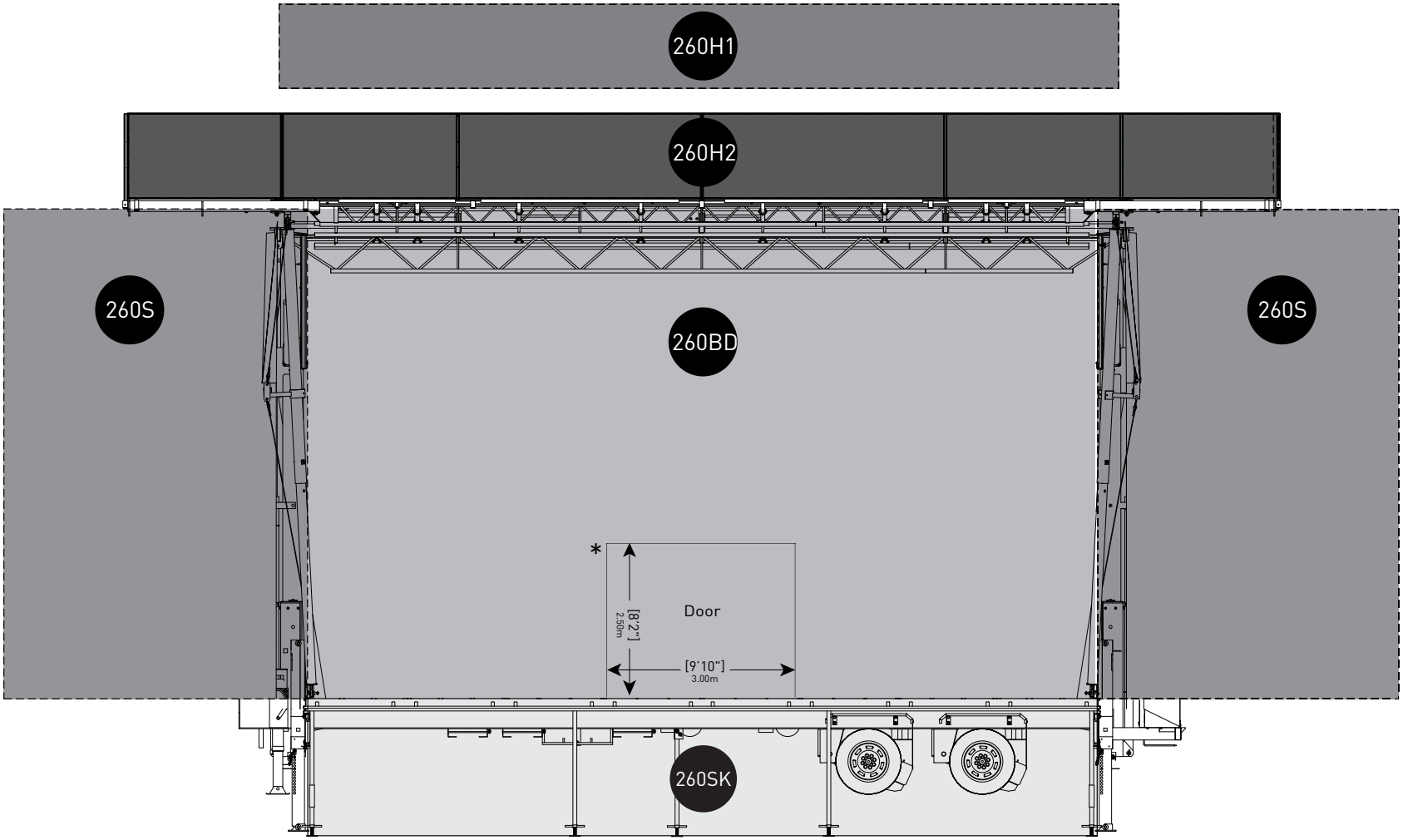








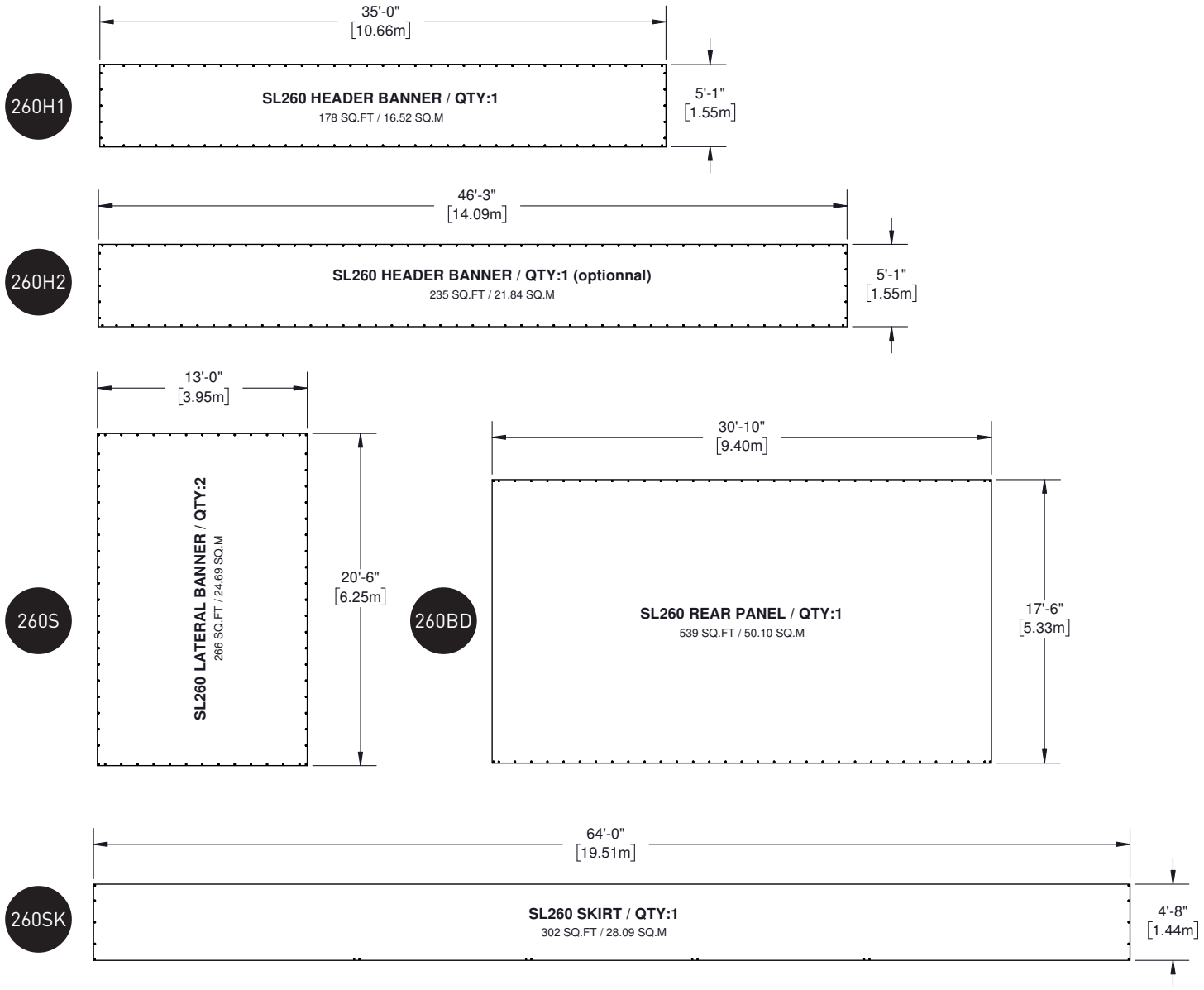
SL260
BANNERS & TRAILER WRAP BOOK
2020



NOTES:

- Back doors will not be accessible if 260BD is installed against rear windwalls.
- Install either 260H1 or 260H2 when using the stage.

Drawings may show stage equipped with optional accessories. May be sold separately.



*Applicable only for units #389 and up.

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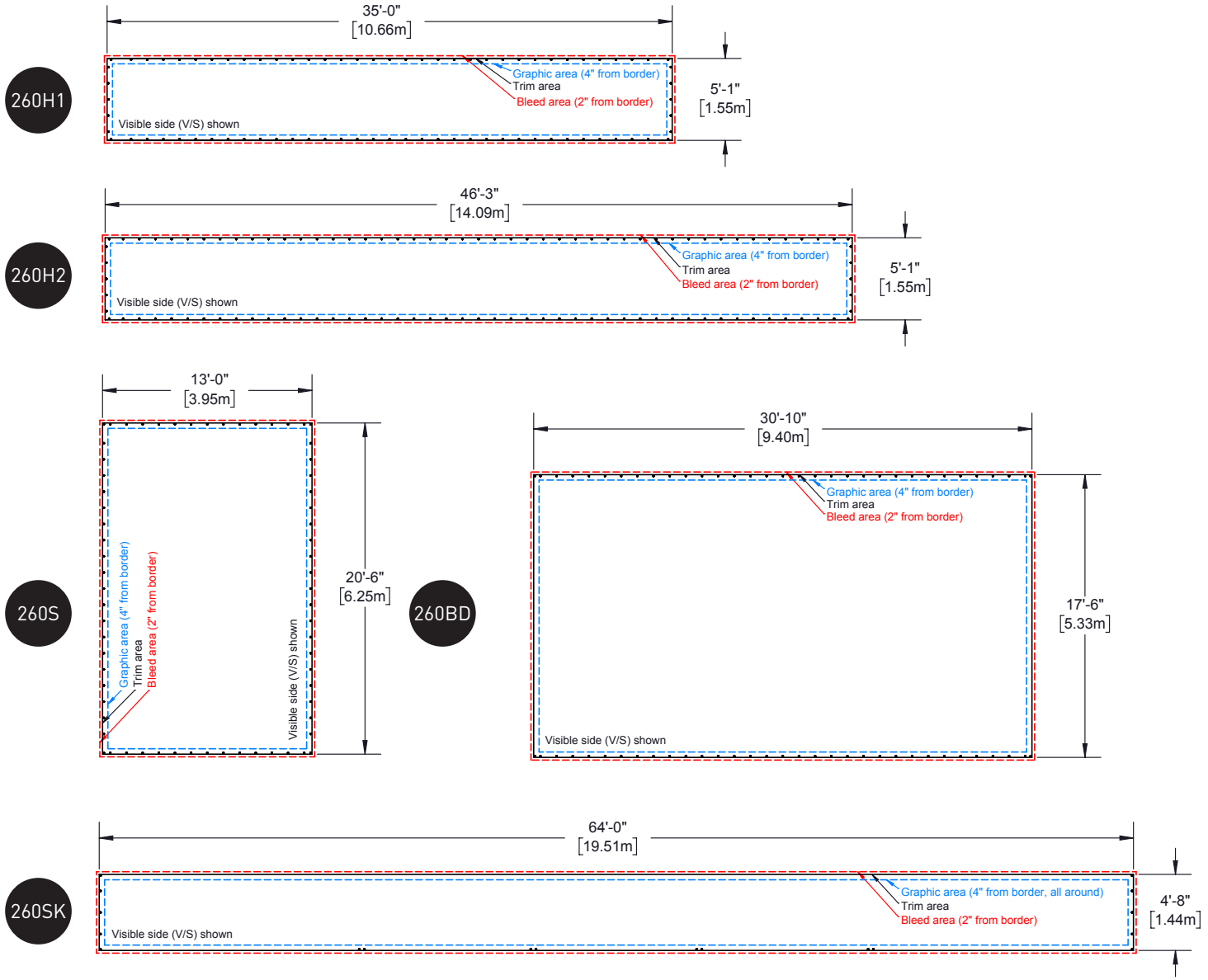
SL260

PRINT SIZE*



*Applicable only for units #389 and up.

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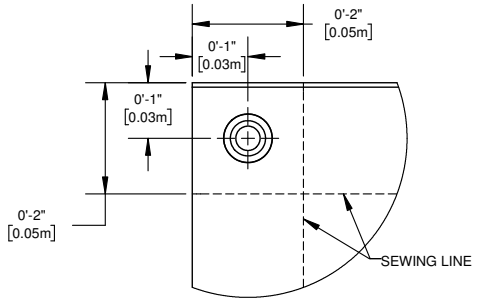
260H1 260H2 260S 260BD

REQUIREMENTS:

- PVC webbing must be all in one piece. Otherwise, reinforce so that no strain is applied to the banner.
- Areas where welds begin and end must be reinforced with additional stitching.
- Include 12''x12'' trimmings of the same material to allow for possible minor repairs.
- Supply one (1) tarpaulin bag for transportation purposes and identify its content.

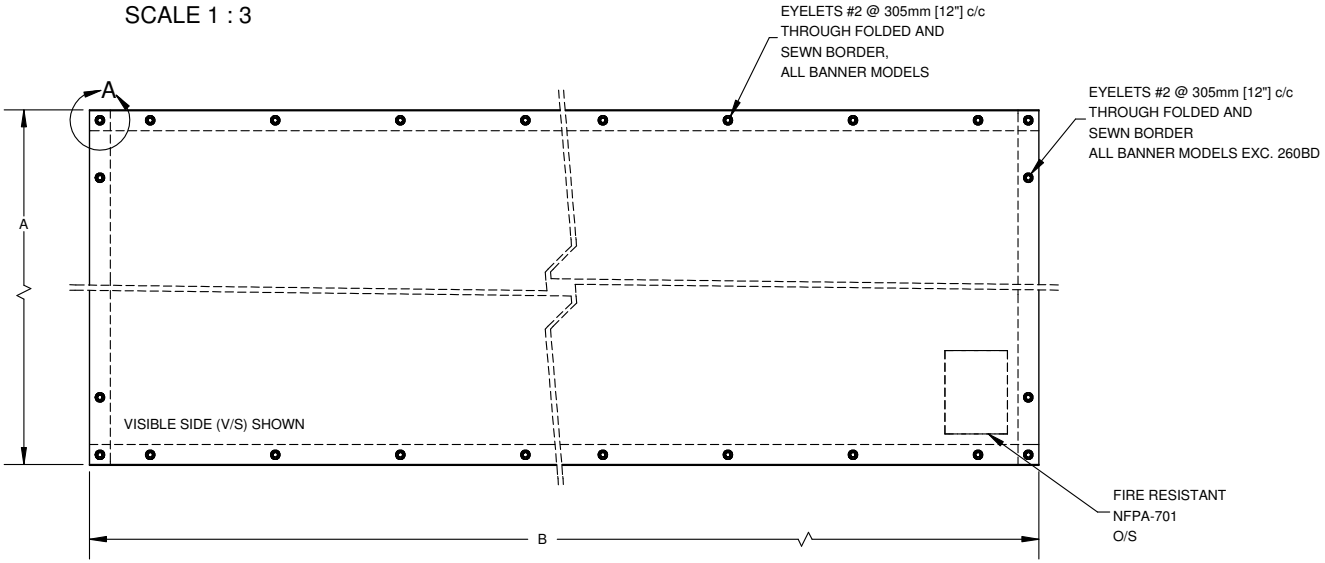
NOTES:

- ''V/S'' indicates the outside (visible side).
- ''O/S'' indicates the inside (opposite side).
- Notes on the drawing take precedence on those above.



DETAIL A
SCALE 1 : 3

	A	B
260H1	5'-1" (1.55m)	35'-0" (10.66m)
260H2	5'-1" (1.55m)	46'-3" (14.09m)
260S	20'-6" (6.25m)	13'-0" (3.95m)
260BD	17'-6" (5.33m)	30'-10" (9.40m)



*Applicable only for units #389 and up.

MATERIAL CHOICES: (must be NFPA 701 & CAN/ULC-S109 compliant):
70% Open Scrim/18oz Black Vinyl/Backlight Satin White Weave/Poly Flex White Knit

Drawings may show stage equipped with optional accessories. May be sold separately.

260SK

REQUIREMENTS:

- PVC webbing must be all in one piece. Otherwise, reinforce so that no strain is applied to the banner.
- Areas where welds begin and end must be reinforced with additional stitching.
- Include 12''x12'' trimmings of the same material to allow for possible minor repairs.
- Supply one (1) tarpaulin bag for transportation purposes and identify its content.

NOTES:

- ''V/S'' indicates the outside (visible side).
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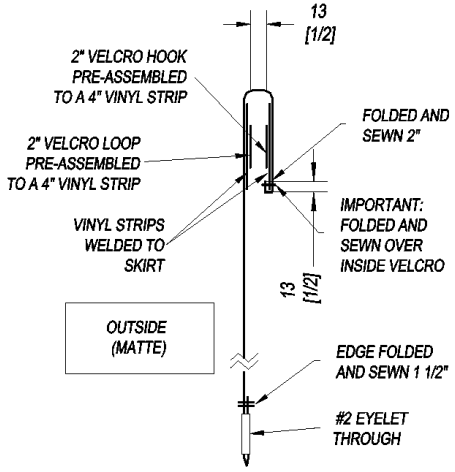
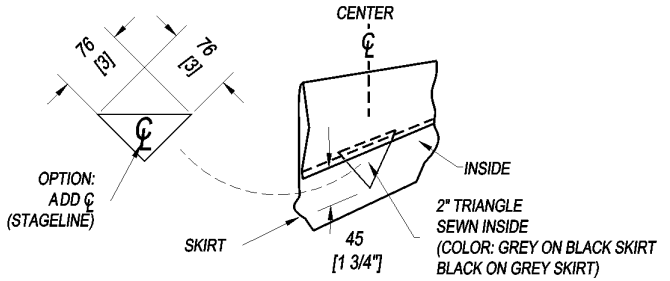
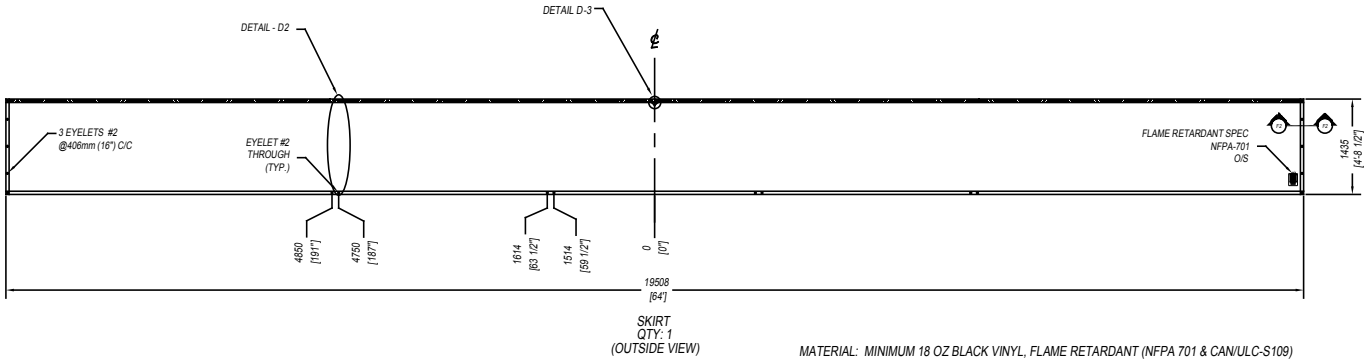
- Notes on the drawing take precedence on those above.



DETAIL D2



DETAIL D3



SKIRT (outside view)

***Applicable only for units #389 and up.

MATERIAL CHOICES: (must be NFPA 701 & CAN/ULC-S109 compliant):
18oz Black Vinyl

CAUTION: Compatible with skirt extensions 100-7604 REV # 6 and up.

STAGE LINE®

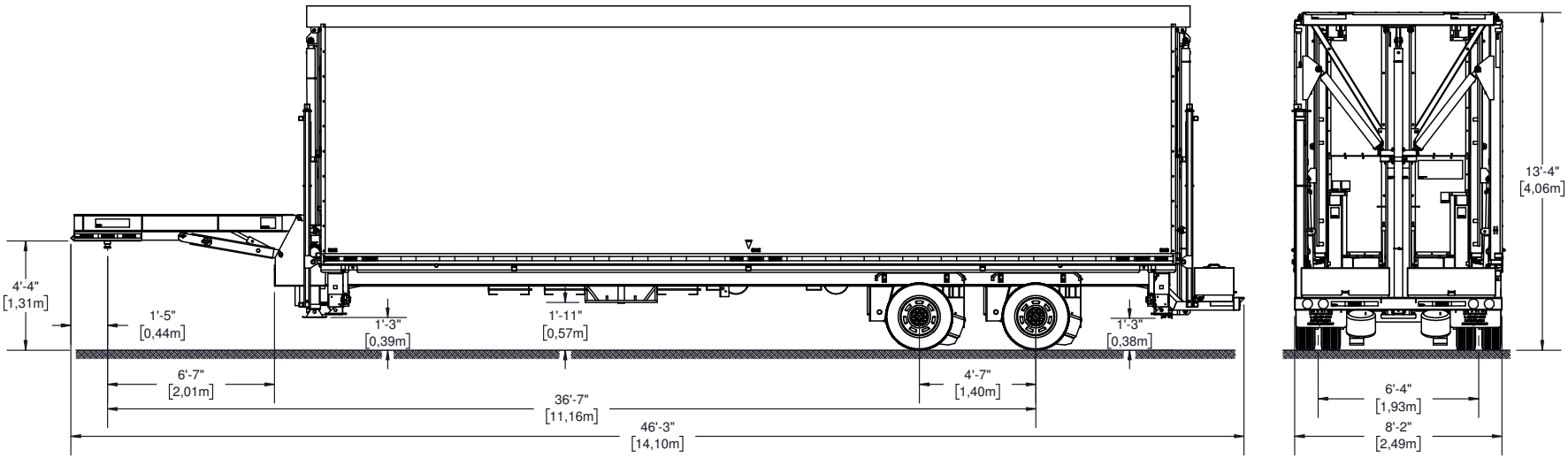
SL260

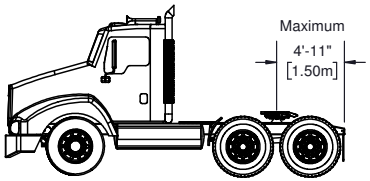
TECHNICAL DRAWINGS

2020

SL260

MASS & DIMENSIONS



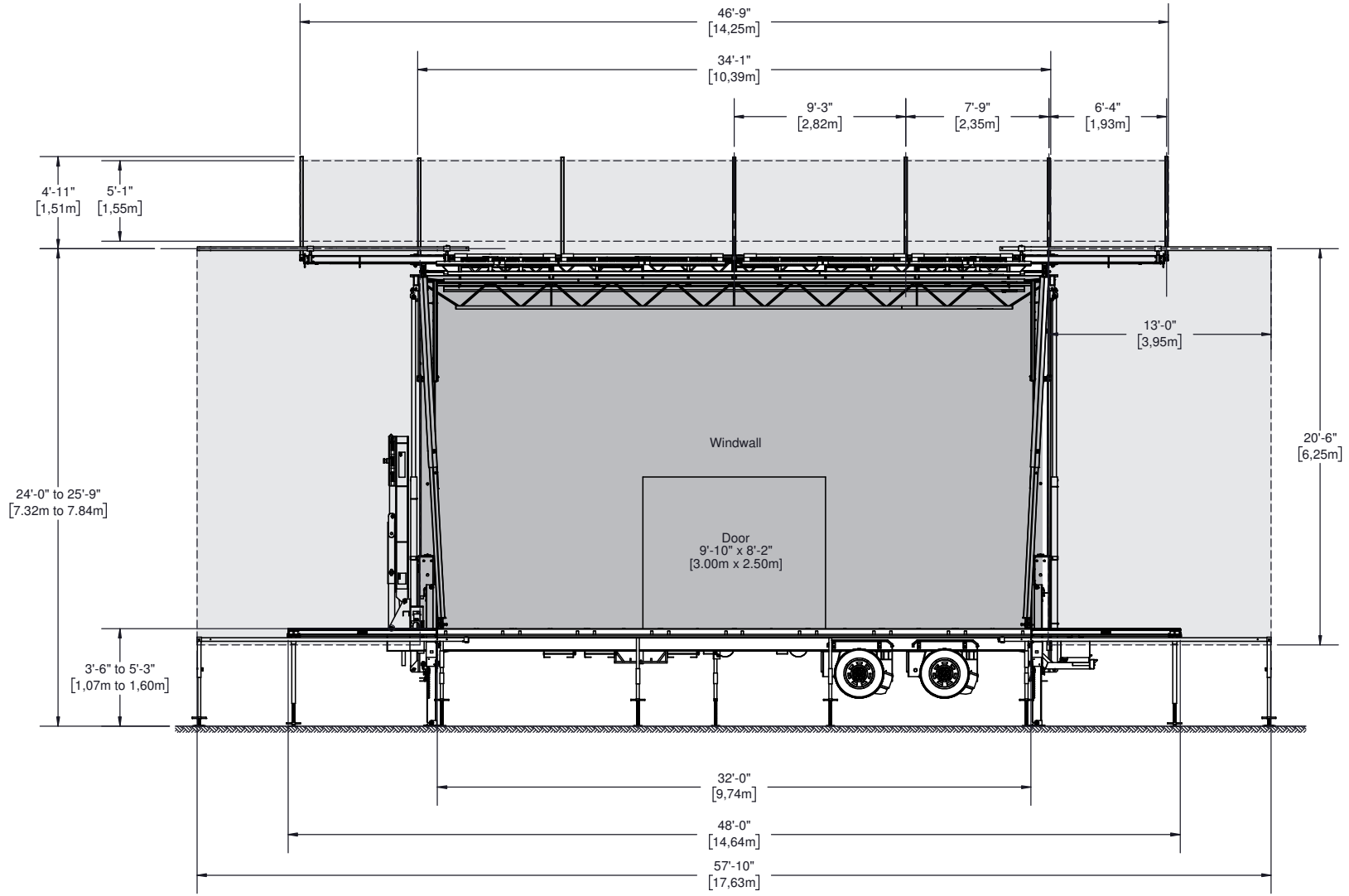


Mass SL260	Unladen		Standard Equipment		Maximum Capacity	
	Lbs	Kg	Lbs	Kg	Lbs	Kg
Total Mass	30115	13660	34921	15840	50000	22680
Mass on Axle	22223	10080	25309	11480	34000	15422
Mass on Hitch	7893	3580	9612	4360	-	-

Drawings may show stage equipped with optional accessories. May be sold separately.

SL260

FRONT VIEW



WINDWALL

BANNER (For dimensions, please refer to Banner Book)

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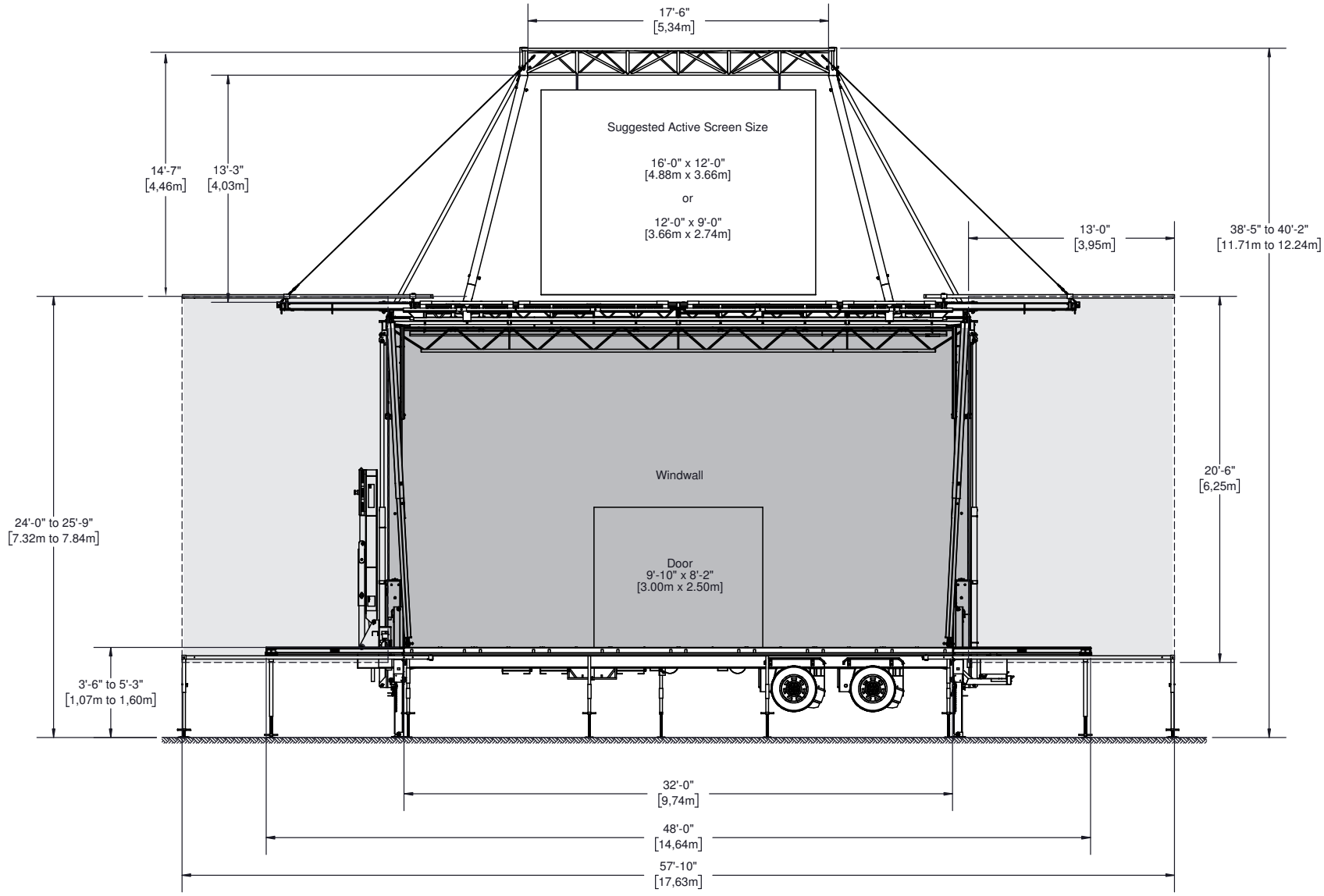
SL260

FRONT VIEW WITH SCREEN SUPPORT



WINDWALL

BANNER (For dimensions, please refer to Banner Book)

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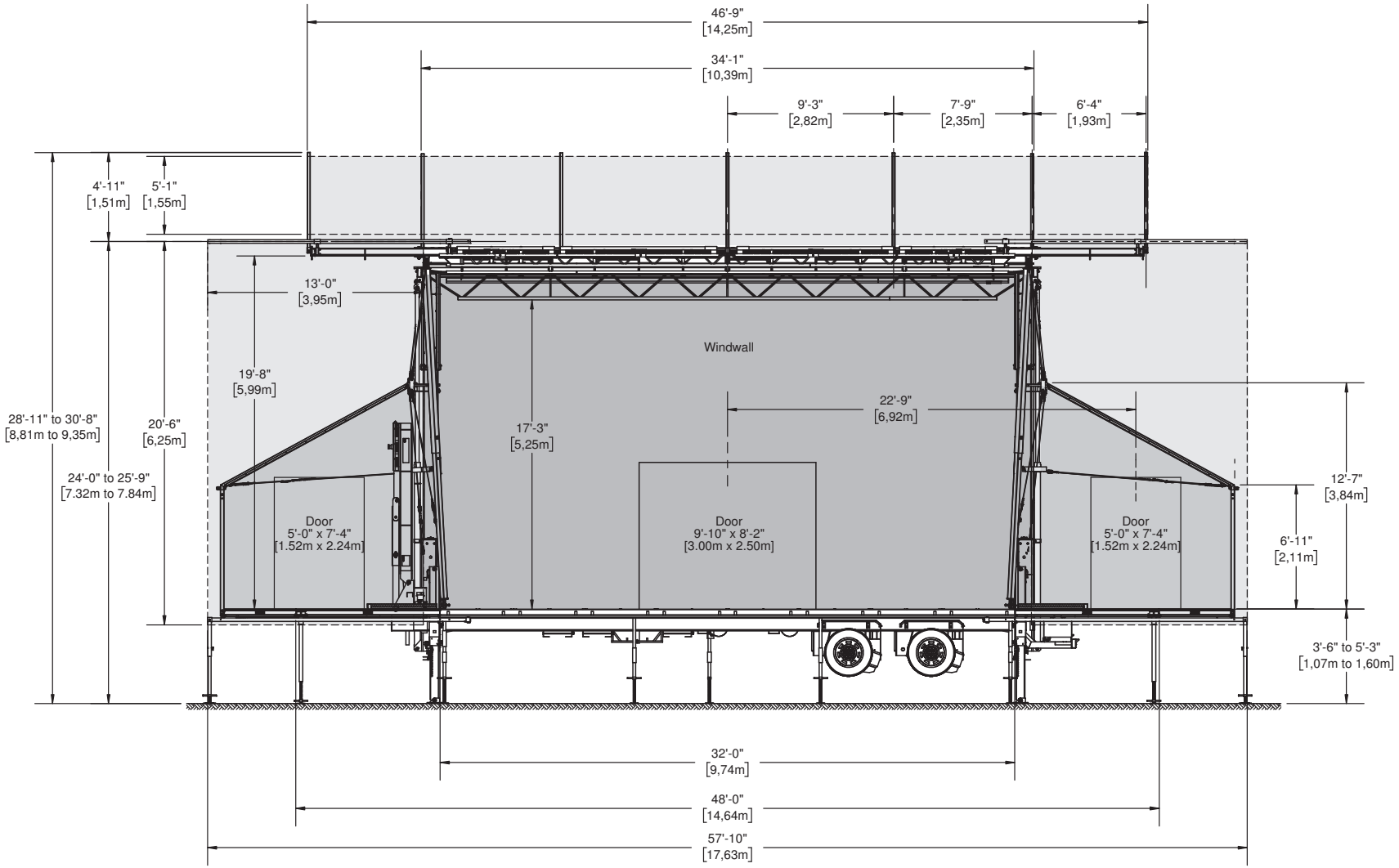
FRONT VIEW WITH COVERED WING



WINDWALL

BANNER (For dimensions, please refer to Banner Book)

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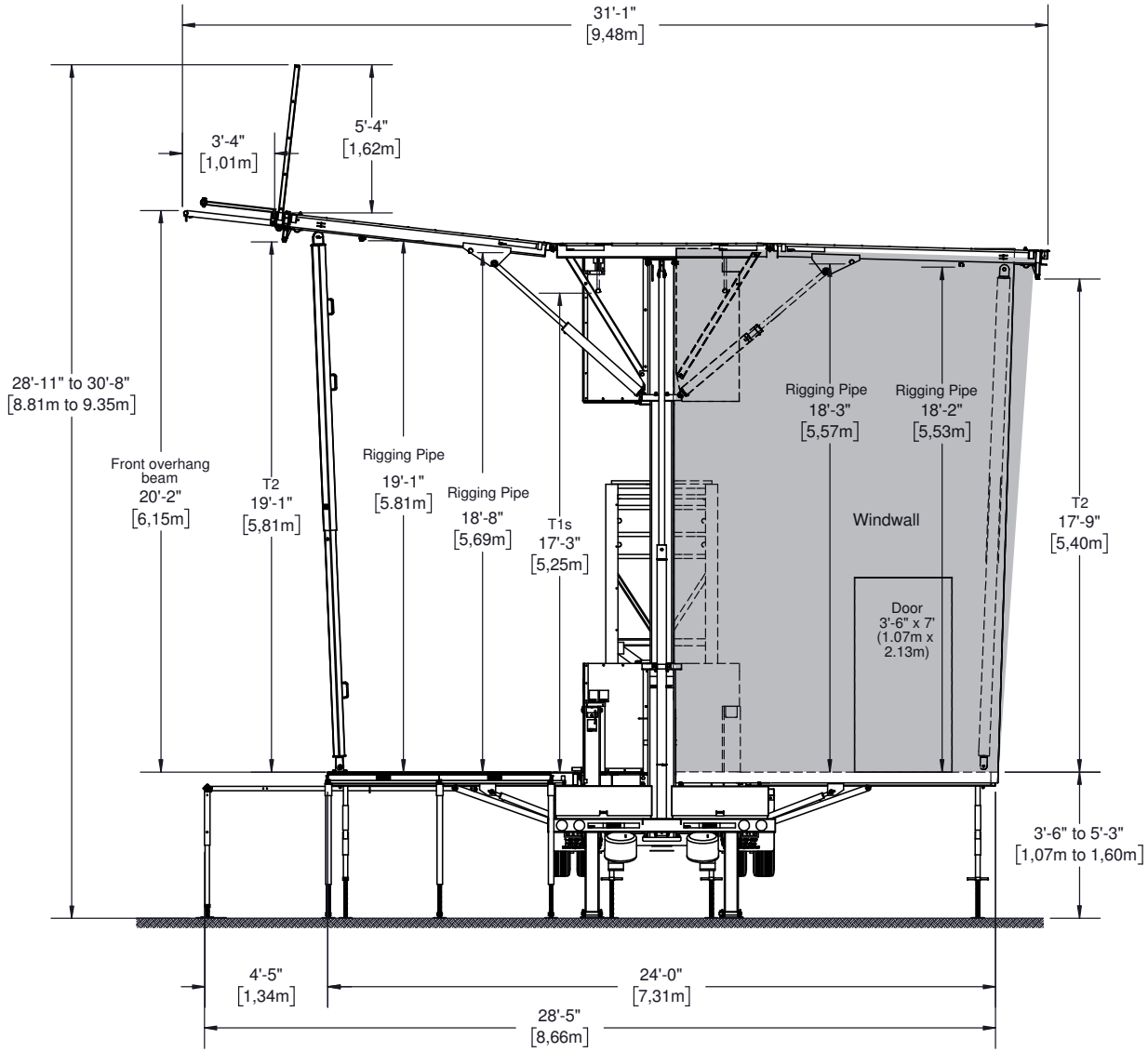

WINDWALL

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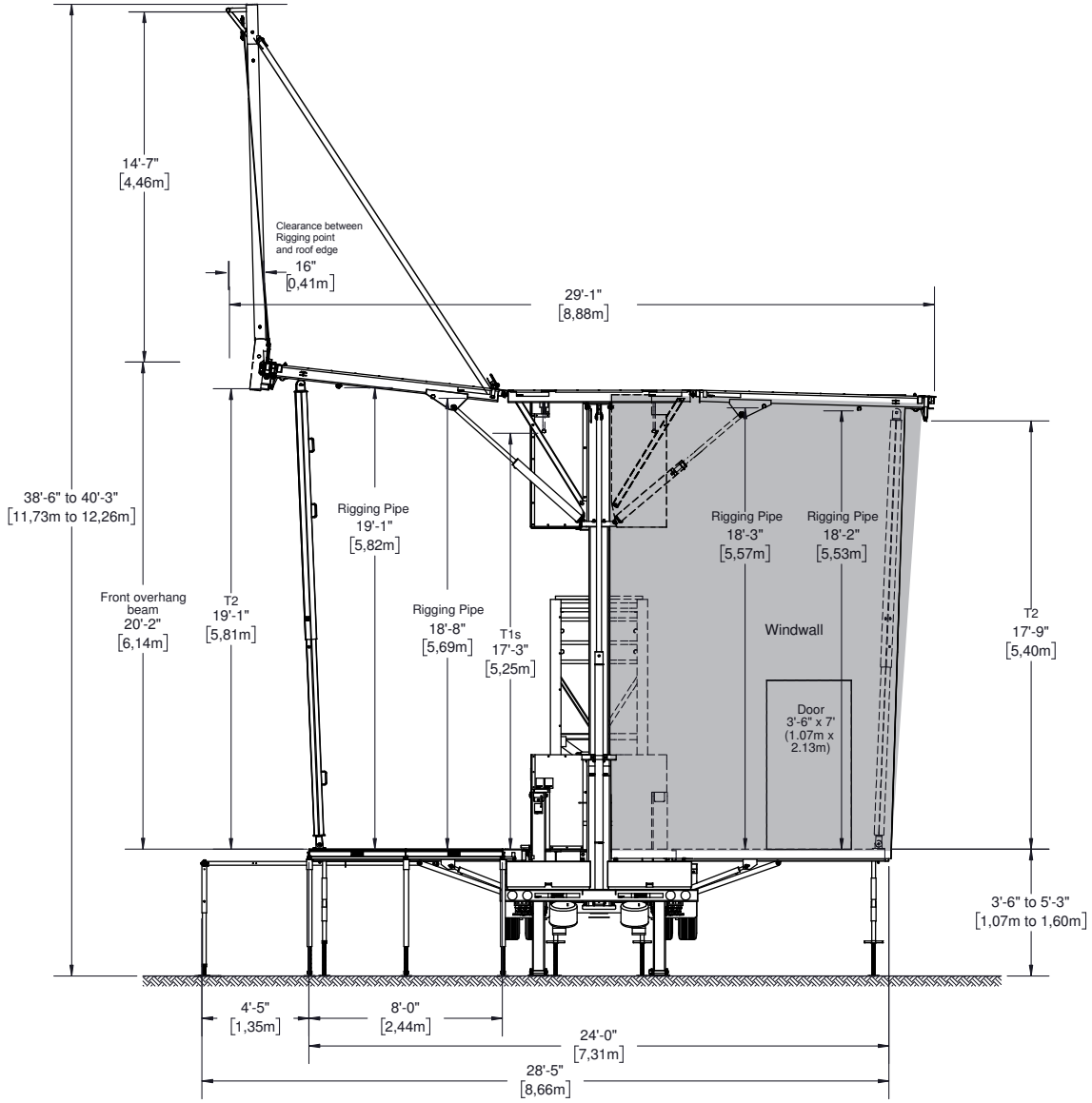
SIDE VIEW WITH SCREEN SUPPORT



WINDWALL

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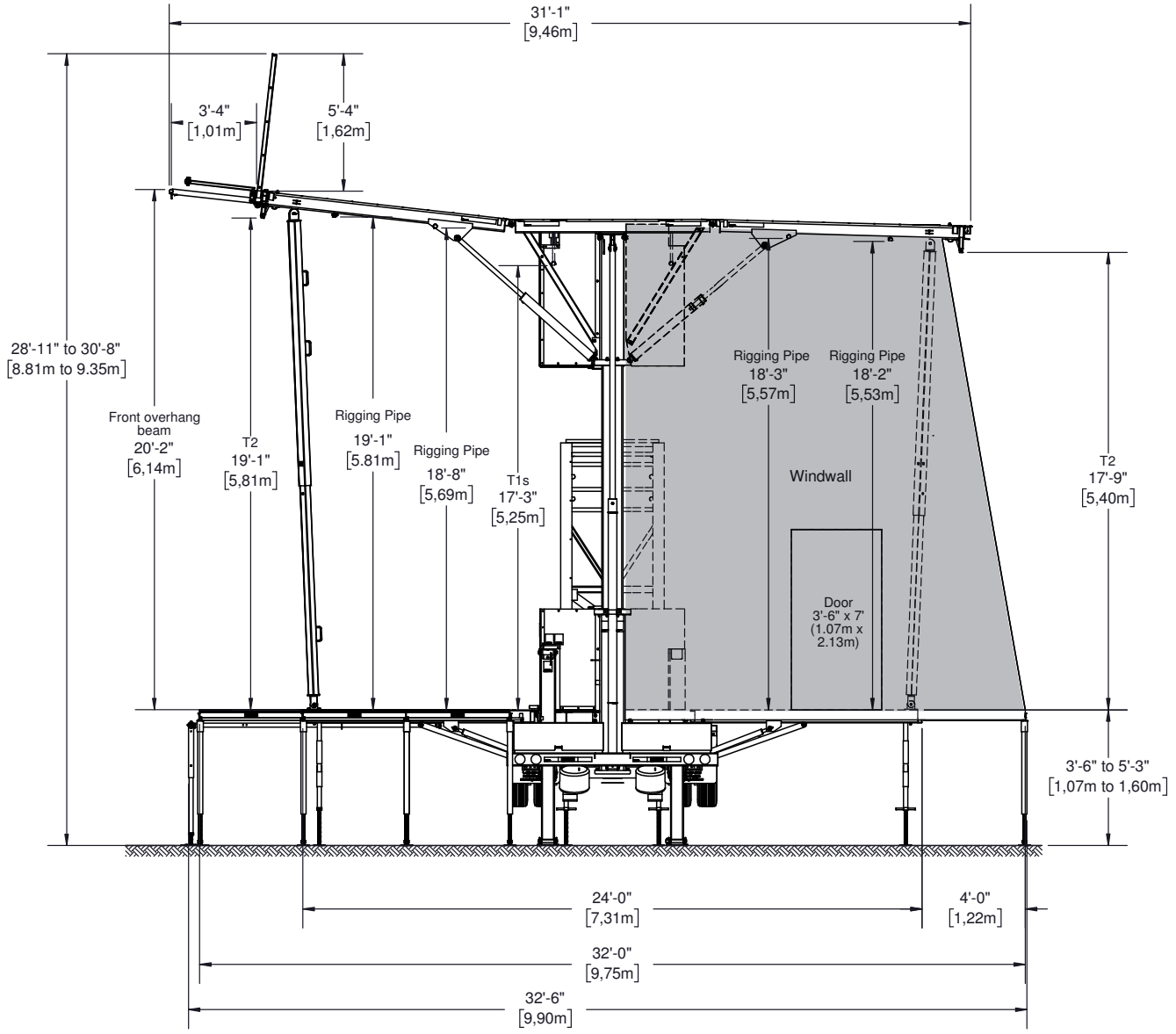
SIDE VIEW WITH EXTENSION



WINDWALL

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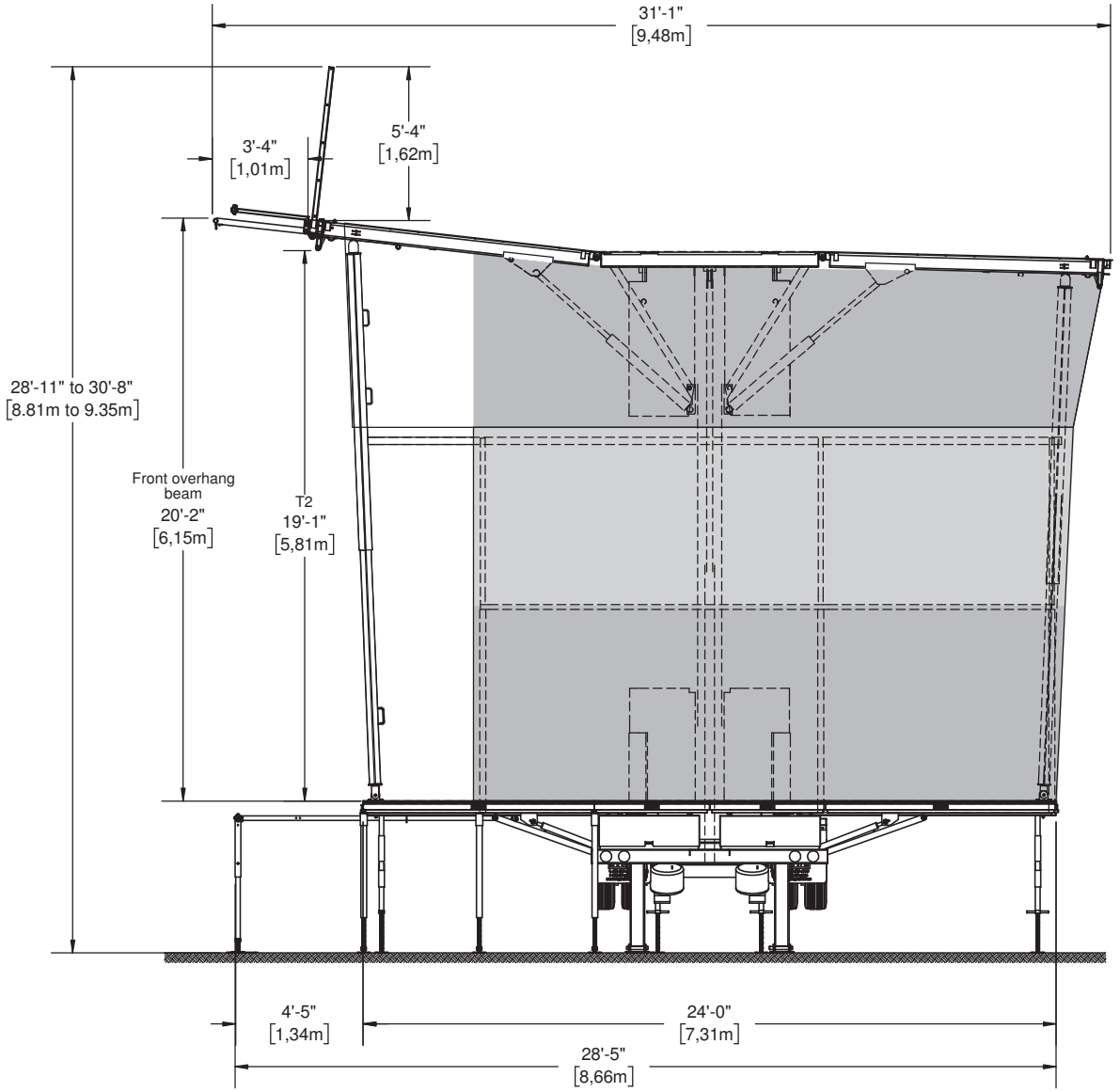
SIDE VIEW WITH COVERED WINGS



WINDWALL

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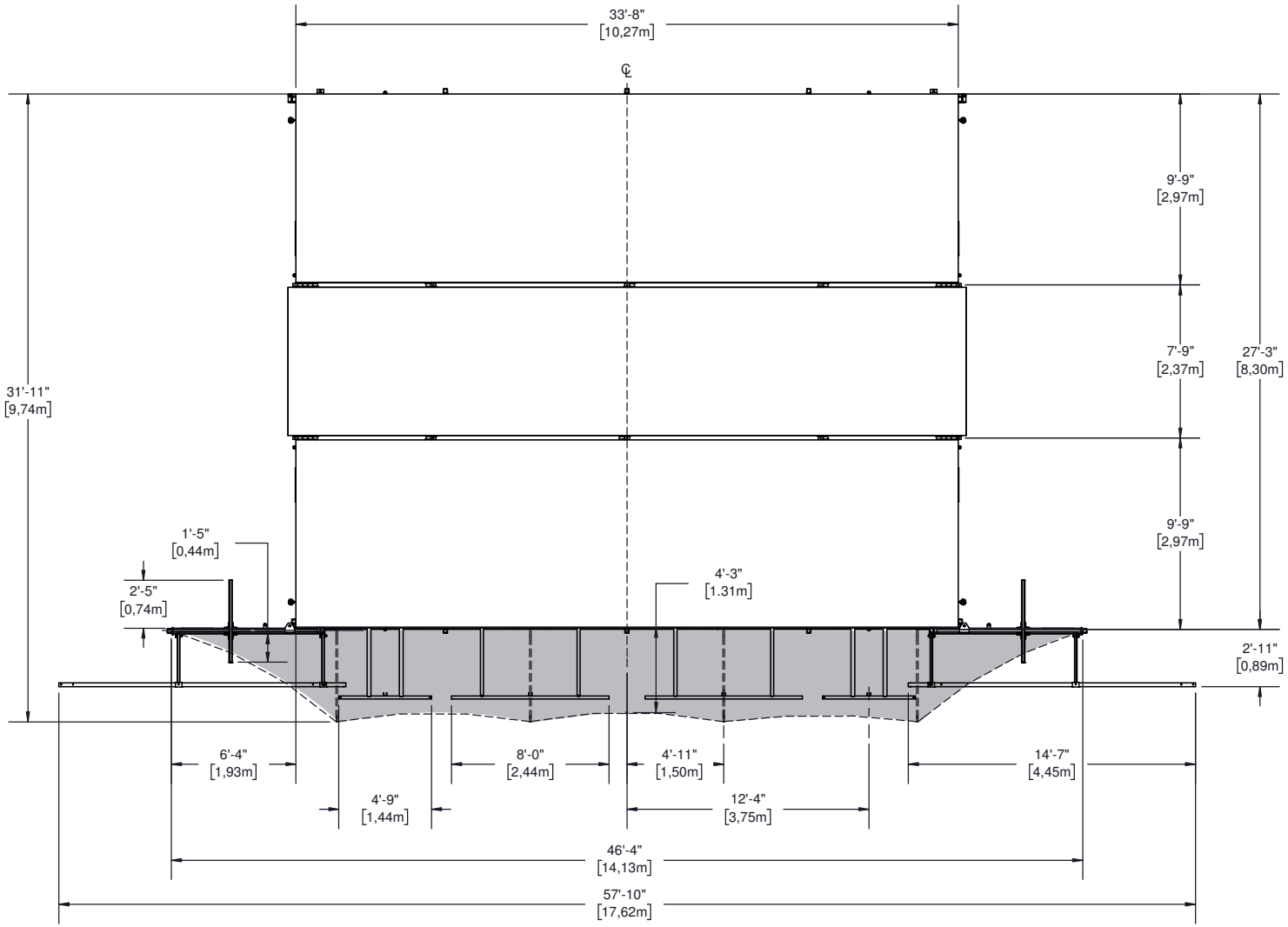
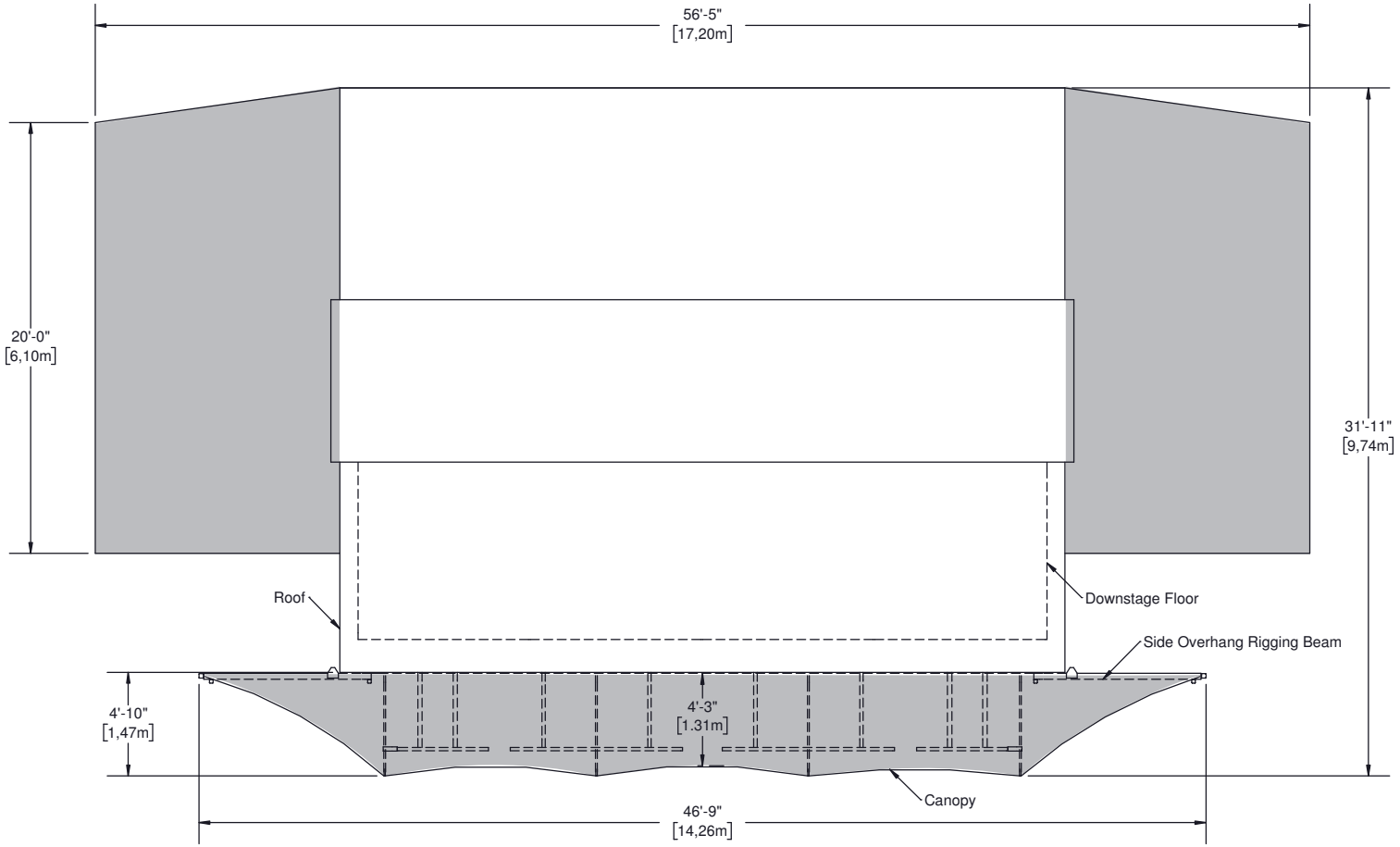


DOWNSTAGE

WINDWALL

Drawings may show stage equipped with optional accessories. May be sold separately.

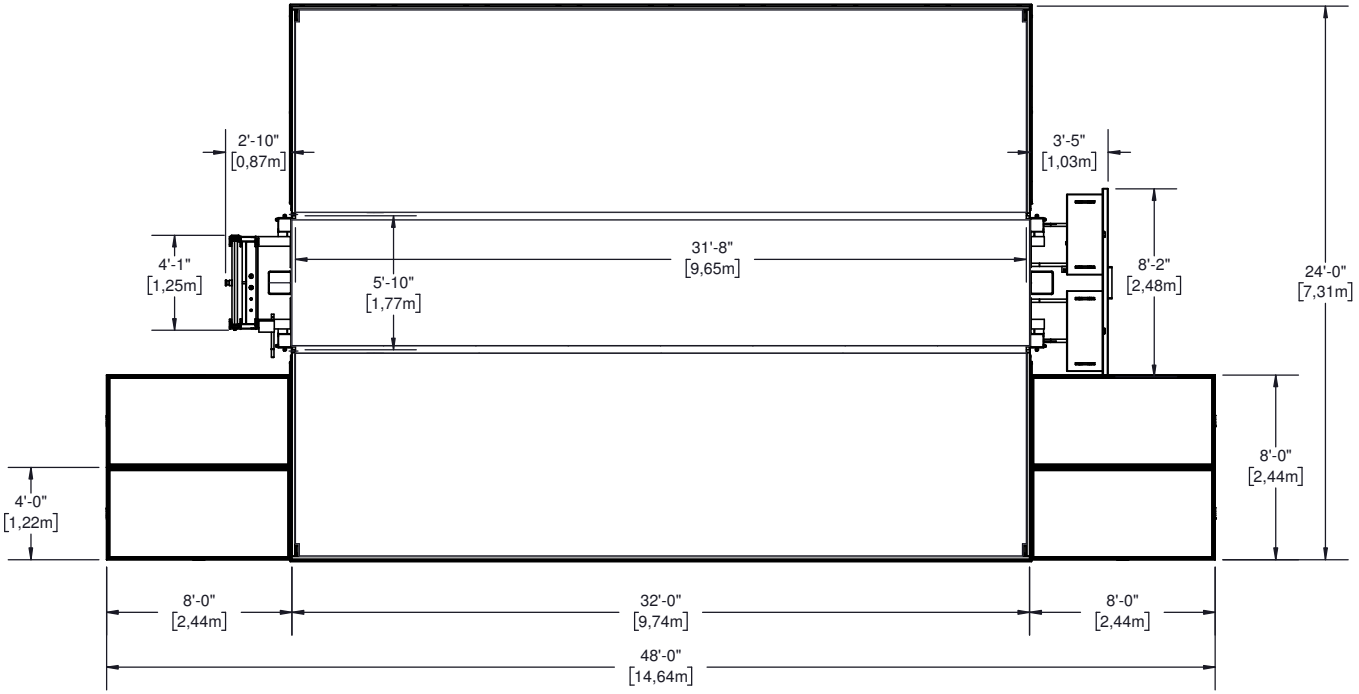
ROOF VIEW WITH COVERED WINGS



DOWNSTAGE

WINDWALL

Drawings may show stage equipped with optional accessories. May be sold separately.



DOWNSTAGE

CAPACITY: 125lbs/ft² (610kg/m²)

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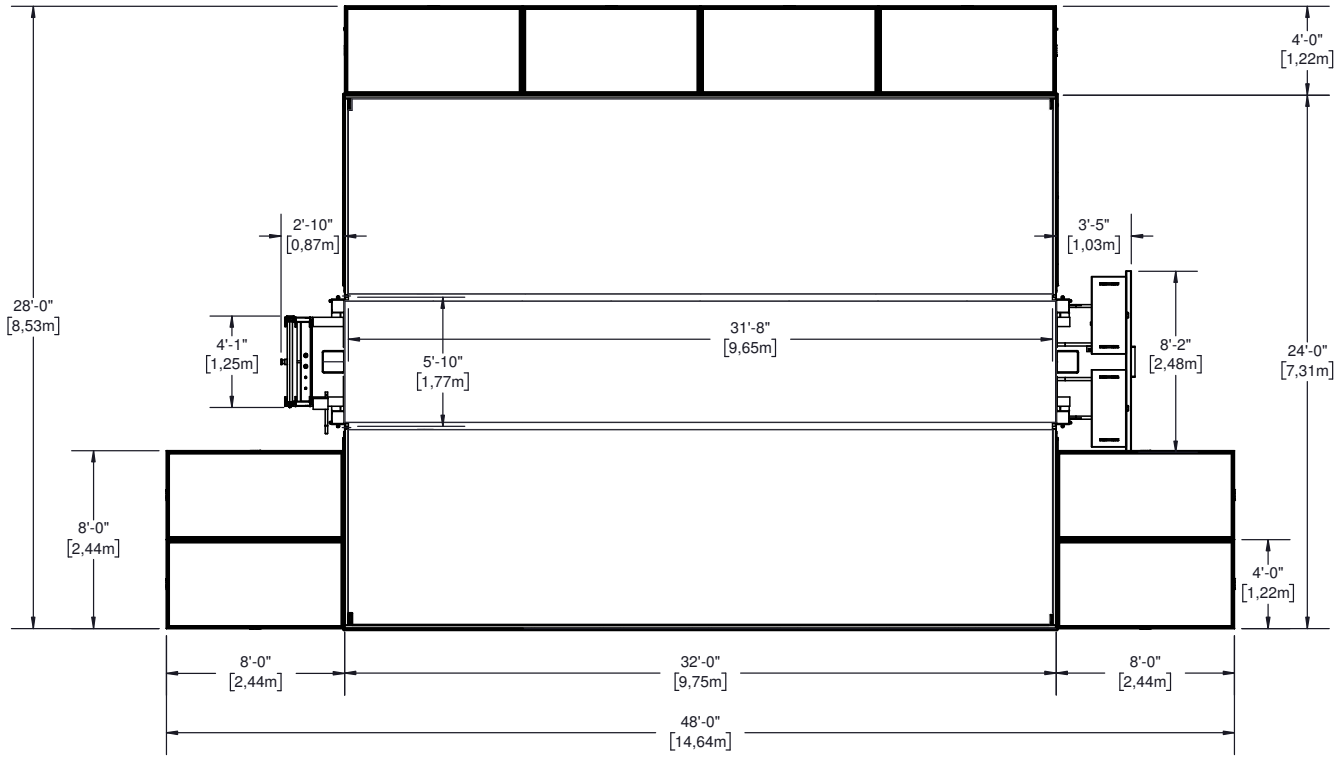
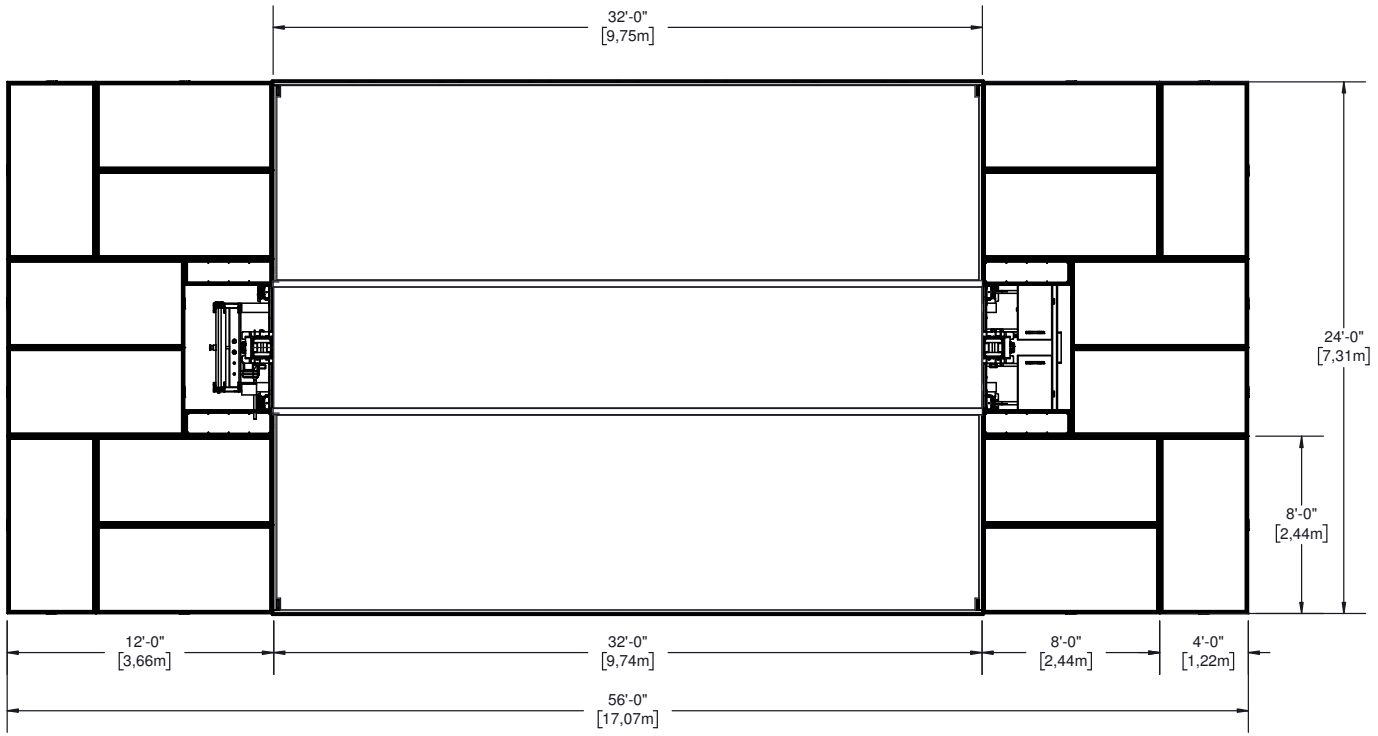


DOWNSTAGE

CAPACITY: 125lbs/ft² (610kg/m²)

Drawings may show stage equipped with optional accessories. May be sold separately.

FLOOR VIEW WITH COVERED WINGS



DOWNSTAGE

CAPACITY: 125lbs/ft² (610kg/m²)

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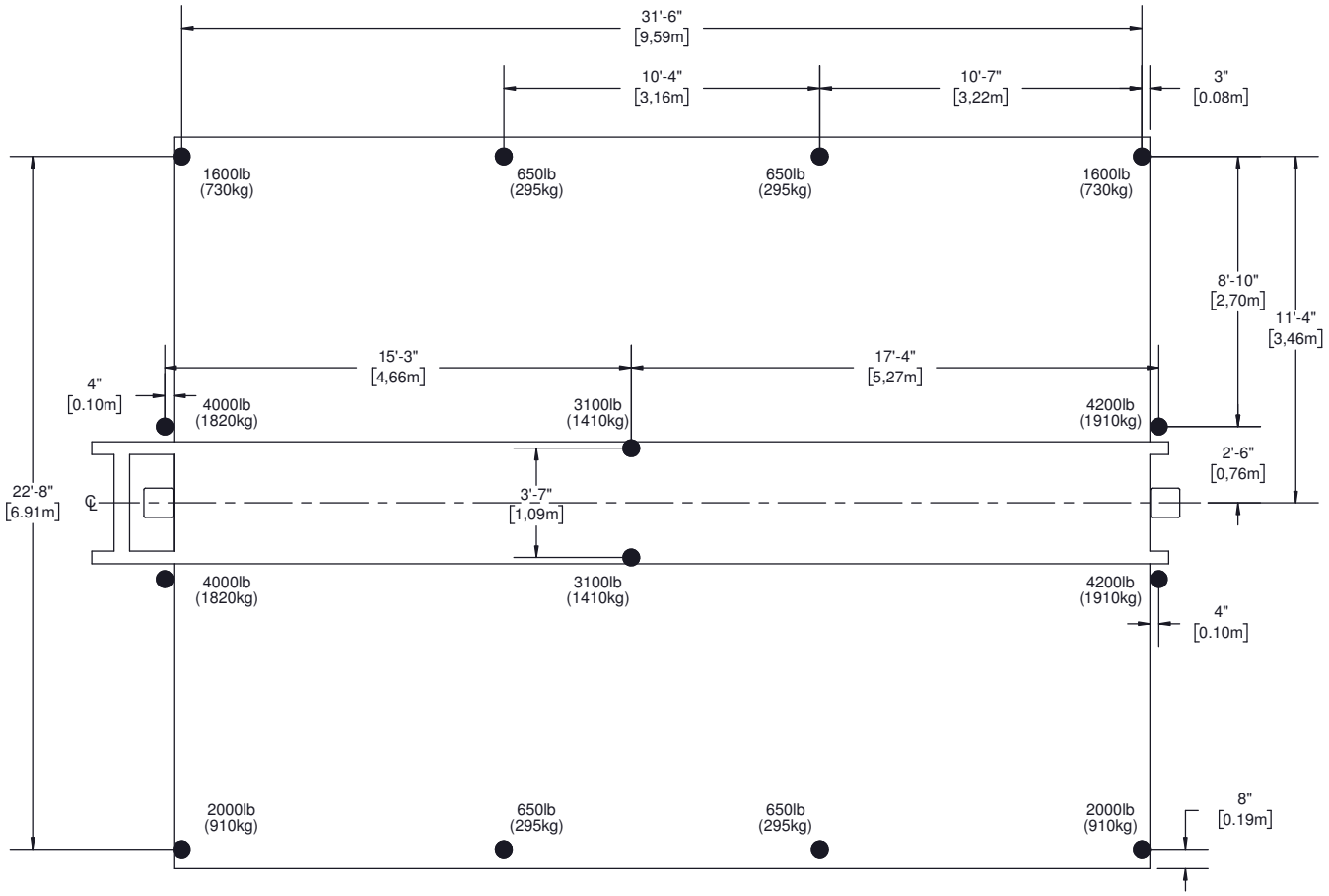

DOWNSTAGE

● FLOOR STABILIZERS, EXTENSIONS AND LEVELLING JACKS

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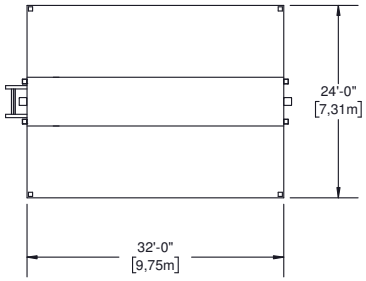
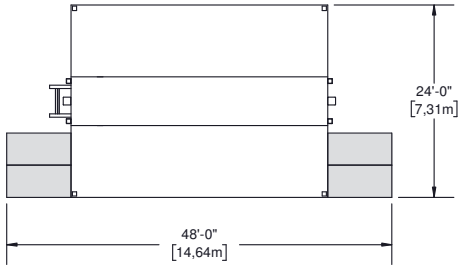
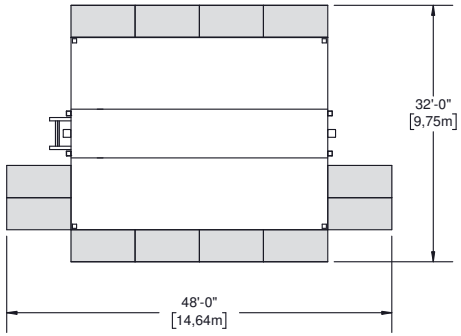
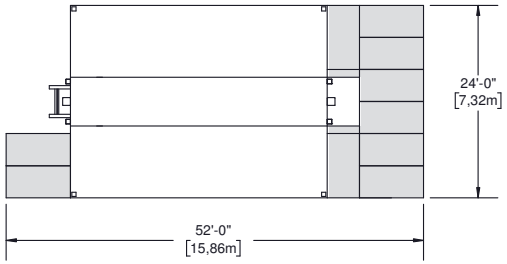
Standard Configurations

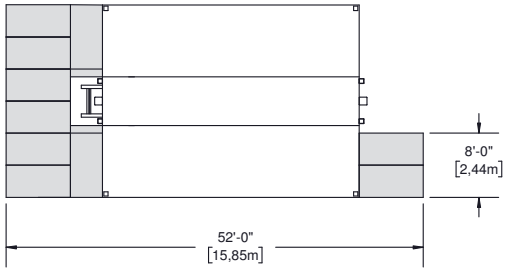


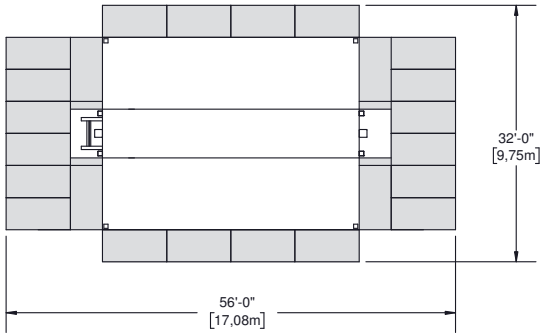




Covered Wings Configurations







PLATFORMS

Drawings may show stage equipped with optional accessories. May be sold separately.

A THOROUGH UNDERSTANDING OF THE INTER-RELATED LOADINGS SHOWN IN THIS RIGGING PLAN IS NEEDED IN ORDER TO SAFELY USE THIS MOBILE STAGE ROOF AND TAKE FULL ADVANTAGE OF THE MANY RIGGING OPPORTUNITIES IT OFFERS.

This mobile stage roof offers a variety of rigging options with regard to load capacity, placement and type.

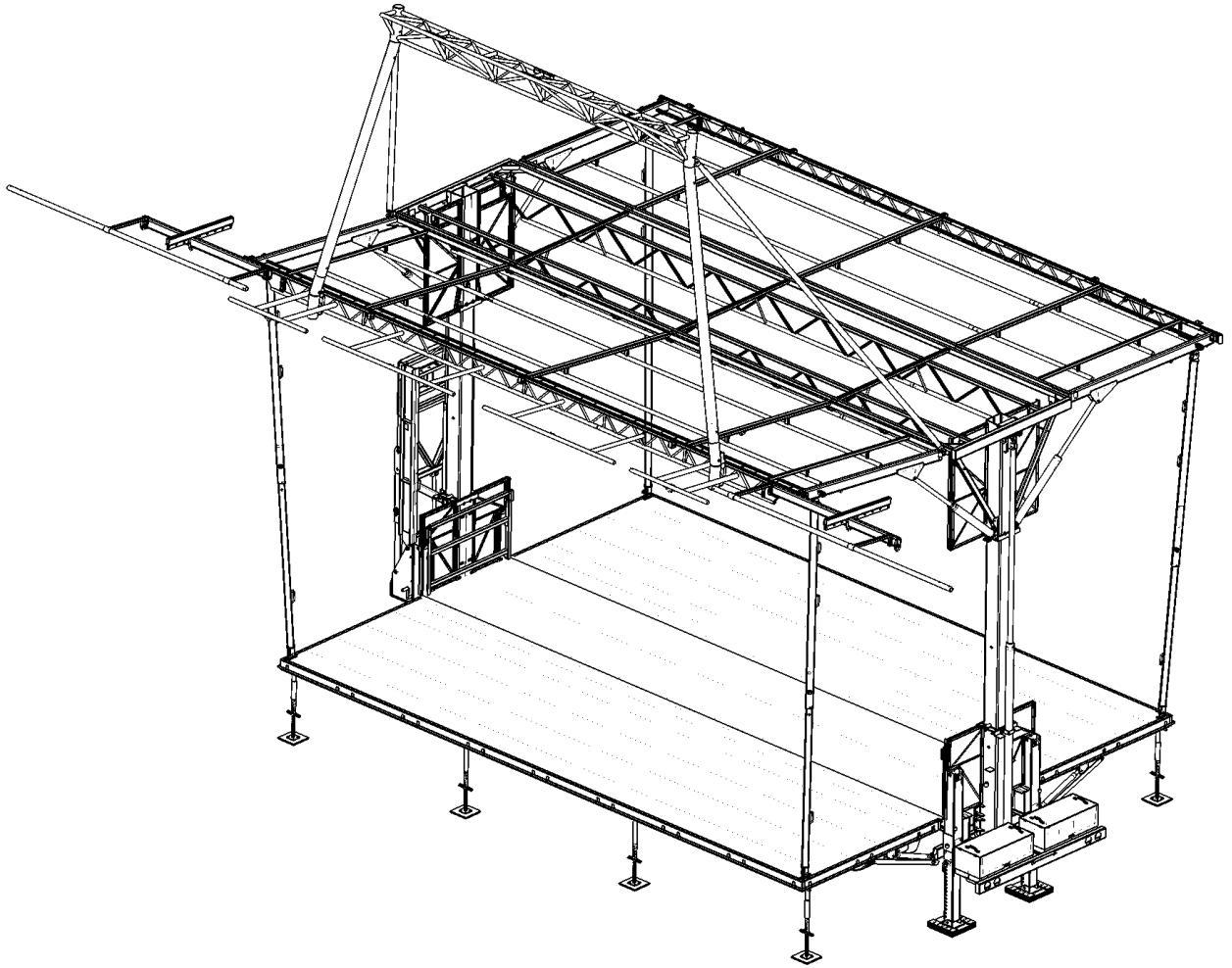
There are rigging pipes, trusses, roof rigging points and side overhang rigging beams.

This rigging plan locates and defines these rigging features, includes load capacity for each and describes maximum combinations of loads amongst features.

Take note of exclusions, maximum sub-totals in a group, load balance requirements, maximum lifting capacity of roof and maximum rigging load on roof.

The maximum load on the roof is less than the sum of the maximum load on each rigging feature.

Refer to Operator's Manual for procedures in regards to proper setup and setup methods of the stage and its options.



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RIGGING RESTRICTIONS

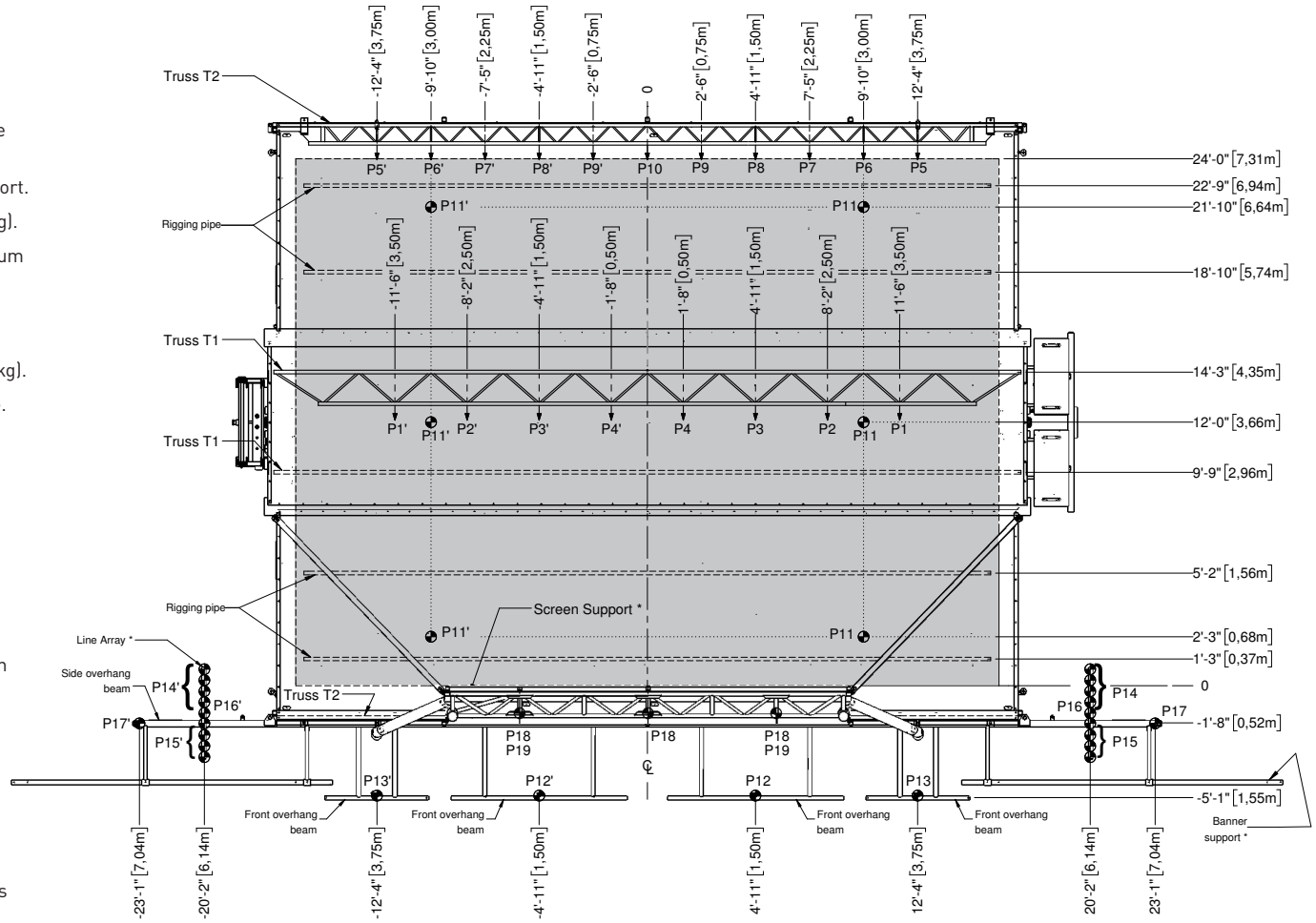
- MAXIMUM LOAD BEARING CAPACITY: 18000 lb (8391 kg). All corner posts must be installed and pinned, and telescopic columns pinned and secured.
- Total load of P14 to P17 on each side must not exceed 2225 lb (1009 kg) once all corner posts have been installed and lateral banners are installed. Capacity can be increased to 2500 lb (1134 kg) if all corner posts are installed and lateral banners are not installed.
- Never load downstage T2, P12 and P13 when using screen support.
- Maximum load capacity of the screen support is 4500 lb (2040 kg).
- Load on P12 FOHs must be uniformly distributed, with a maximum load of 350 lb (159 kg).
- Load on P13 FOHs must be concentrated at steel hook (location shown on diagram).
- Total load on both P12s and P13s must not exceed 1500 lb (680 kg).
- Do not load more than 30 lb/lin. ft (45 kg/lin. m) per rigging pipe.
- Never use rigging pipes concurrently with P11s on a given roof panel.
- T1 and T2 trusses may be used as rigging bars, i.e. with a distributed load of 30 lb/lin. ft (45 kg/lin. m).

LIFTING RESTRICTIONS

- MAXIMUM ROOF LIFTING CAPACITY: 12000 lb (5443 kg).
- Maximum asymmetric load difference between downstage and upstage roof must not exceed 2000 lb (907 kg) including loads on T1 trusses.
- When lifting, make sure loads are evenly divided between right and left side of roof.
- Raise screen only when roof is lifted with corner posts and telescopic columns pinned and secured.

NOTES:

- Outside diameter of rigging bars and of lower chord of trusses is 2'' (5 cm).
- Distance between rigging pipe and roof is 4'' (10 cm).
- Line array rigging beams are reversible.



** Optional items, see stage specifications.*

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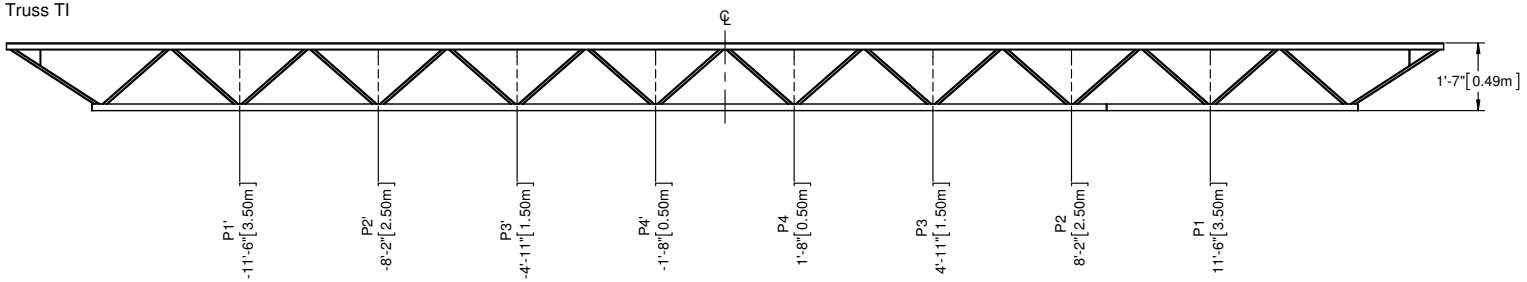
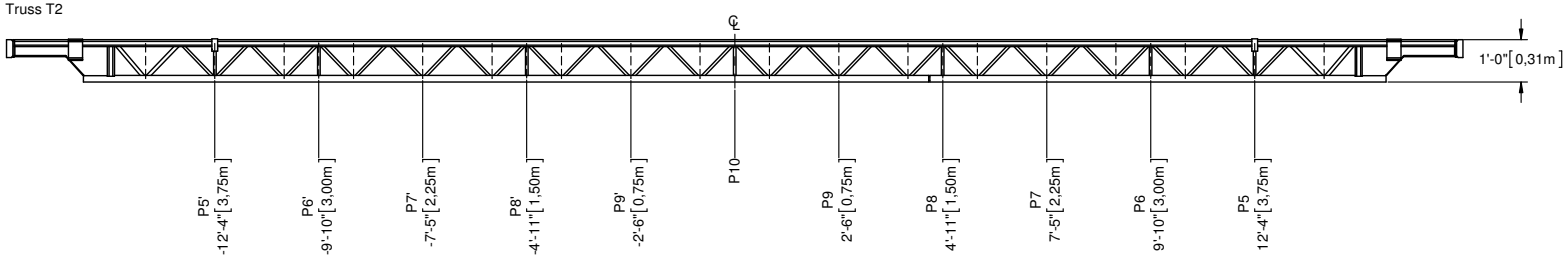
Truss TI



$$\textbf{Truss T1}^{**}\textbf{:}\quad \frac{\text{Load } \mathbf{P1}}{\text{Capacity } \mathbf{P1}} + \frac{\text{Load } \mathbf{P2}}{\text{Capacity } \mathbf{P2}} + \frac{\text{Load } \mathbf{P3}}{\text{Capacity } \mathbf{P3}} + \frac{\text{Load } \mathbf{P4}}{\text{Capacity } \mathbf{P4}} \leq 1.00$$

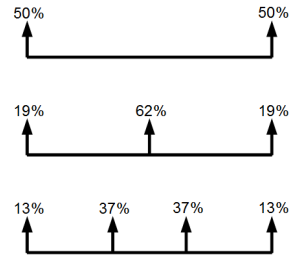
Truss T2



$$\textbf{Truss T2}^{**}\textbf{:}\quad \frac{\text{Load } \mathbf{P5}}{\text{Capacity } \mathbf{P5}} + \frac{\text{Load } \mathbf{P6}}{\text{Capacity } \mathbf{P6}} + \frac{\text{Load } \mathbf{P7}}{\text{Capacity } \mathbf{P7}} + \frac{\text{Load } \mathbf{P8}}{\text{Capacity } \mathbf{P8}} + \frac{\text{Load } \mathbf{P9}}{\text{Capacity } \mathbf{P9}} + \frac{\text{Load } \mathbf{P10}}{\text{Capacity } \mathbf{P10}} \leq 1.00$$

MAXIMUM LOAD CAPACITY								
Point No.	Lbs	Kg	Point No.	Lbs	Kg	Point No.	Lbs	Kg
P1	1000	454	P9, P10	500	227	P18 *	1500	680
P2	750	340	P11	1000	454	P19 *	2250	1020
P3	600	272	P12	350	159			
P4	500	227	P13	750	340			
P5, P6	1000	454	P14 *, P15 *	2000	907			
P7	750	340	P16	2500	1134			
P8	600	272	P17	2000	907			

UDL CHART



* *Optional items, see stage specifications.*

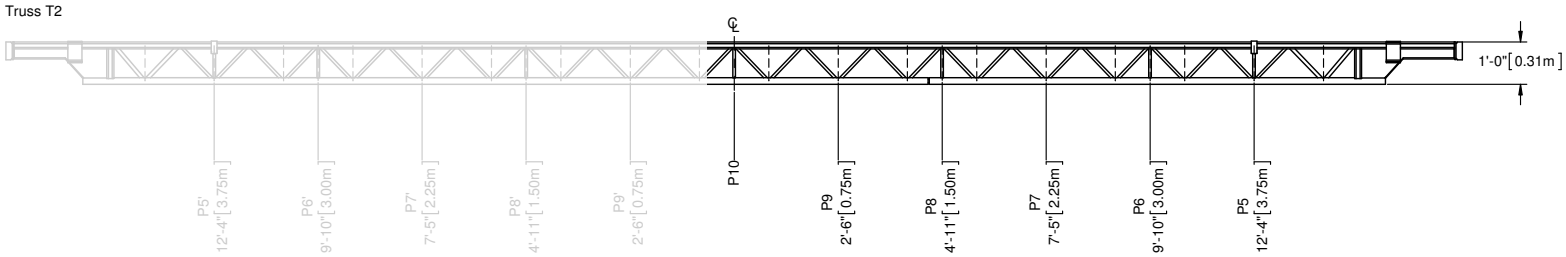
** *Valid for symmetric loads only. In other cases, contact Stageline for assistance.*

Drawings may show stage equipped with optional accessories. May be sold separately.

WHEN CALCULATING THE LOAD ON A SL260 TRUSS, USE FOLLOWING METHOD.

Each truss in the roof must be visualized as 2 trusses put together that share a center point.

Example: T2 on a SL260.
Points from left to right are P5', P6', P7', P8', P9', P10, P9, P8, P7, P6, P5. We will only verify loads on 1 side of the truss, Meaning P5 thru P10.



CALCULATION EXAMPLE #1:

1 lighting truss on 2 motors, total uniformly distributed weight of the truss is 1300lbs.
Each motor will be hung from the P5 points.

- 0.50 x 1300 (50% of weight, see UDL chart) / 1000 (the capacity of the P5 on the T2 truss) = 0.65
- 0.65 = 65 %, as 1.00 would equal 100 %.

So the T2 truss is at 65 % of its total capacity.

CALCULATION EXAMPLE #2:

1 lighting truss on 3 motors, total uniformly distributed weight of the truss is 1300lbs.
The motors will be hung from P5', P10, P5.

- **P5**
  0.19 x 1300 (19% of weight, see UDL chart) / 1000 (capacity P5) = 0.25, so this one point will use 25 % of the truss capacity.
- **P10**
  0.62 x 1300 (62% of weight, see UDL chart) / 500 (capacity P10) = 1.61, 161 % of truss capacity.

Now that we have the loads for both points, we add them together to determine the total load on the truss.

0.25 + 161 = 186
So the T2 truss is at 186 % of its total capacity.

CALCULATION EXAMPLE #3:

1 lighting truss on 4 motors, total uniformly distributed weight of the truss is 1300lbs.
The motors will be hung from P5', P8', P8 and P5.

- **P5**
  0.13 x 1300 (13% of weight, see UDL chart) / 1000 (capacity P5) = 0.17, so this one point will use 17 % of the truss capacity.
- **P8**
  0.37 x 1300 (37% of weight, see UDL chart) / 600 (capacity P8) = 0.8, 80 % of truss capacity.

Now that we have the loads for both points, we add them together to determine the total load on the truss.

0.17 + 0.8 = 0.97
So the T2 truss is at 97 % of its total capacity.

Drawings may show stage equipped with optional accessories. May be sold separately.

STAGELINE THRESHOLD CHART*

STANDARD CONDITIONS | WINTER CONDITIONS *WITHOUT BALLAST* | WINTER CONDITIONS *WITH BALLAST*

MODEL	FORECASTED WINDS 40-50 KM/H | 25-30 MPH	FORECASTED WINDS >50 KM/H | >30 MPH	PLANNED OR RECORDED WINDS >65 KM/H | >40 MPH	PLANNED OR RECORDED WINDS >80 KM/H | >50 MPH	LIGHTNING IN A RADIUS OF 12 KM | 8 MILES
SL 75 SL 100 SL 250 SL 260 SL 320	• Open windwall doors • Stabilize any equipment hanging from the roof	• Open windwall doors • Land audio gear to the floor • Raise lighting equipment in the roof • Land screens to the floor • Remove banners	• Remove stage skirts • Remove screens and secure all equipment to avoid swaying	• Unhook or cut the windwalls • Clear all personnel in a radius of 100' (45m) around the stage	• Clear all personnel from the stage
SAM 440 SAM 550 SAM 555	• Open windwall doors • Stabilize any equipment hanging from the roof	• Open windwall doors x2 • Land audio gear to the floor • Raise lighting equipment in the roof • Land screens to the floor • Drop retractable windwalls & banners (if applicable) • Remove banners (if retractables banners not installed)	• Remove stage skirts • Remove screens and secure all equipment to avoid swaying	• Unhook or cut the windwalls x2 • Clear all personnel in a radius of 100' (45m) around the stage	• Clear all personnel from the stage
SAM 450 SAM 575 SAM 750	• Open windwall doors • Stabilize any equipment hanging from the roof	• Open windwall doors x2 • Land audio gear to the floor • Raise lighting equipment in the roof • Land screens to the floor • Drop retractable windwalls & banners	• Remove stage skirts • Remove screens and secure all equipment to avoid swaying	• Unhook or cut the windwalls x2 • Clear all personnel in a radius of 150' (68m) around the stage	• Clear all personnel from the stage
PROMOBILE	• Open windwall doors • Stabilize any equipment hanging from the roof	• Open windwall doors • Land audio gear to the floor • Raise lighting equipment in the roof • Land screens to the floor • Remove banners	• Remove stage skirts • Remove screens and secure all equipment to avoid swaying • Clear the public from the stage	• Unhook or cut the windwalls • Clear all personnel in a radius of 100' (45m) around the stage	• Clear all personnel from the stage
HY TOWER	• Stabilize any equipment hanging from the tower	• Land audio gear to the floor • Land screens to the floor	• Land cages to the floor • Secure cages in place	• Clear all personnel in a radius of 100' (45m) around the tower	• Clear all personnel from the tower
FOH2424 CAMERA CONDO	• Open and attach the windwalls to the posts.	• Remove windwalls.	• **If windwalls are not open :** Clear all personnel in a radius of 100' (45m) around the structure	• Clear all personnel in a radius of 100' (45m) around the structure	• Clear all personnel from the structure

Minimum amount of workers needed to complete the tasks in a timely manner (to be planned by client).

If the weather clears, the stage must be inspected before releasing it to the client.

* It is the client's responsibility to closely monitor the weather throughout the entire duration of the event with the assistance of professional meteorological services. Production is responsible for the presence of qualified personel on the site that are able to respond to our Threshold Chart's requirements.

Refer to *"SMS4000_Wintertime_special_measures_R1"* for important guidance on using your Stageline equipment during winter.