

TRAILER

SPECIFICATIONS

Length	52' 2"	15.89 m
Width	8' 6"	2.59 m
Height	13' 6"	4.12 m
Storage Space	44' 10" x 5' x 5'	13.44 m x 1.5 m x 1.5 m
Weight	61700 lb	27990 kg

STAGE FLOOR

Length and Depth	50' x 38'	15.24 m x 11.58 m
Length and Depth with Covered Wings	91'-3" x 53'-9"	27.81 m x 16.37 m
Height from Ground	6' to 7' 6"	1.83 m to 2.29 m
Design Live Load	150 lb/ft ²	732 kg/m ²
Type of Surface	Plywood on steel	

ROOF

Length and Depth with Canopy	52' x 44' 11"	15.85 m x 13.69 m
Type of surface	Fibreglass bonded to steel	
Rigging	30' to 32' 6"	9.14 m to 9.94 m
Covered Wings Rigging Height	40'	12.19 m
Overall Height with Banners	45' 2"	13.76 m
Load Bearing Capacity †	58000 lb	26308 kg
6 Trusses (T1s, T2s and T3s)	4000 lb each	1815 kg each
4 Movable Rigging Beams	2000 lb each	910 kg each
2 Front Overhang Points	1000 lb each at 2' 3"	455 kg each at 0.70 m
2 Cantilevered Covered Wings (16' length)	8000 lb each	3630 kg each
2 Line Array Rigging Beams * Per Side	4000 lb per side	1815 kg each
12 Permanent Rigging Points	2000 lb each	910 kg each

PRACTICAL ASPECTS

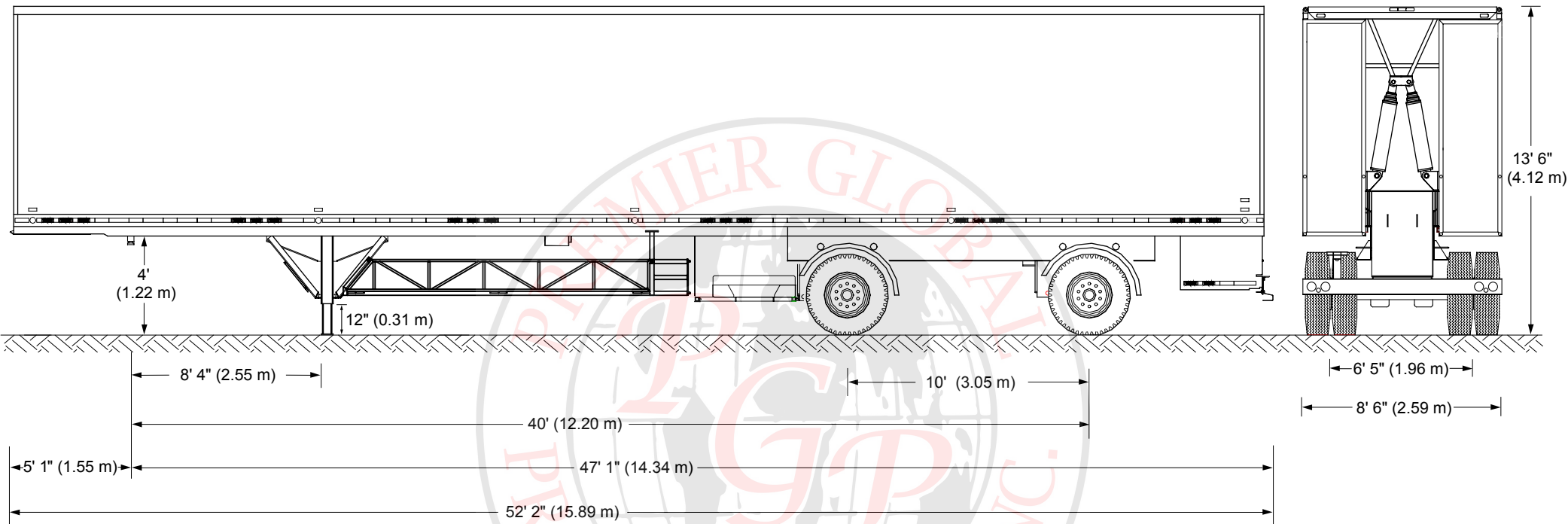
Installation Time once Levelling Complete	4 to 5 Hours - Less without windwall
Personnel Required	1 or 2 Certified technicians and 4 to 6 stagehand
Site Preparation	None
Heavy Machinery Required	None
Mode of Transportation	1 Fifth-wheel tractor
Gust Wind Resistance	60 mph (100 km/h) with windwall or 90 mph (145 km/h) without windwall
Promotional Visibility	Rolling billboard or banners and posters
Windwalls *	Weatherproof, fire-retardant vinyl or scrim (blow-through material)
Vertical and Horizontal Banner Supports *	Quick to install - Offers close to 1895 sqft. (176 m ²) of promotional space
Floor Extension Platforms *	Integrated brackets - easy to install

Values indicated are nominal. Due to STAGELINE'S product improvement policy, technical specifications may change without notice.

† Please refer to rigging plan.

* Offered in option.

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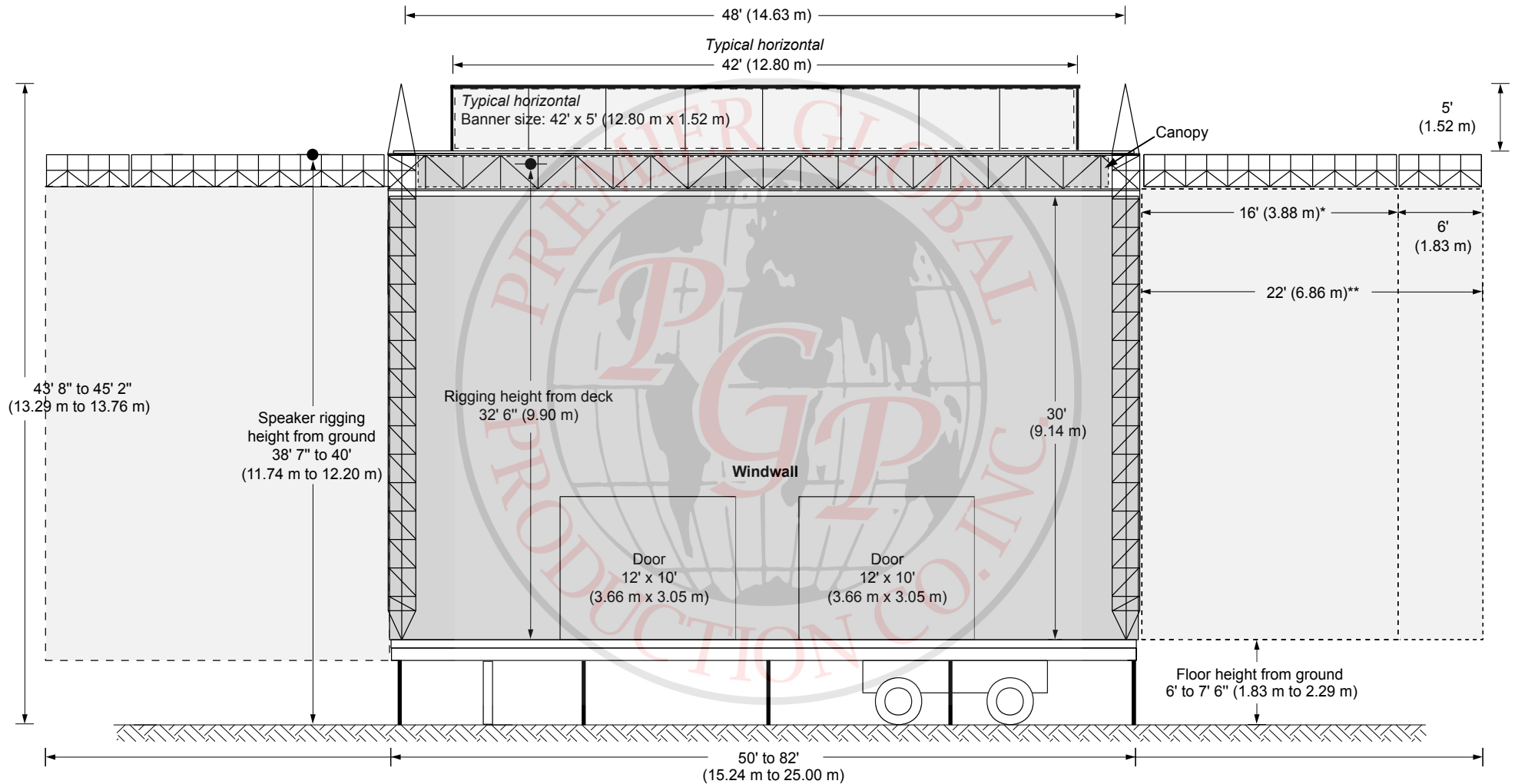
Mass	Unladen		Laden	
	Lb	Kg	Lb	Kg
Total Mass	61700	27990	61700	27990
Mass on Axle	40000	18140	-	-
Allowable Load on Axle	-	-	40000	18140
Mass on Gooseneck	21700	9840	-	-
Allowable Load on Gooseneck	-	-	24000	10890

Mass & Dimensions

1. Mass may vary depending on options.
2. Technical specifications may change without notice.
3. Drawings are not to scale.

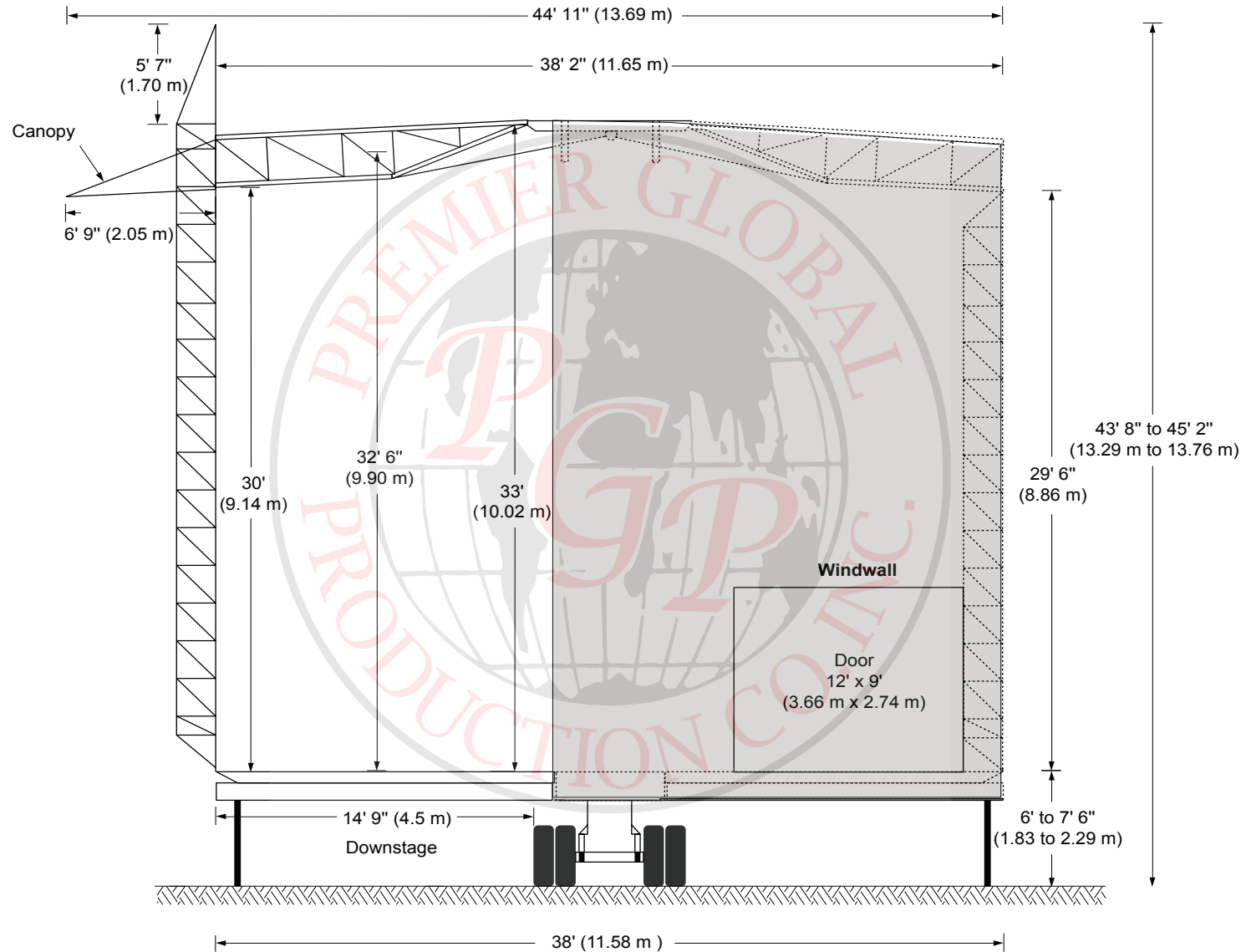
Date: 2009-02-20

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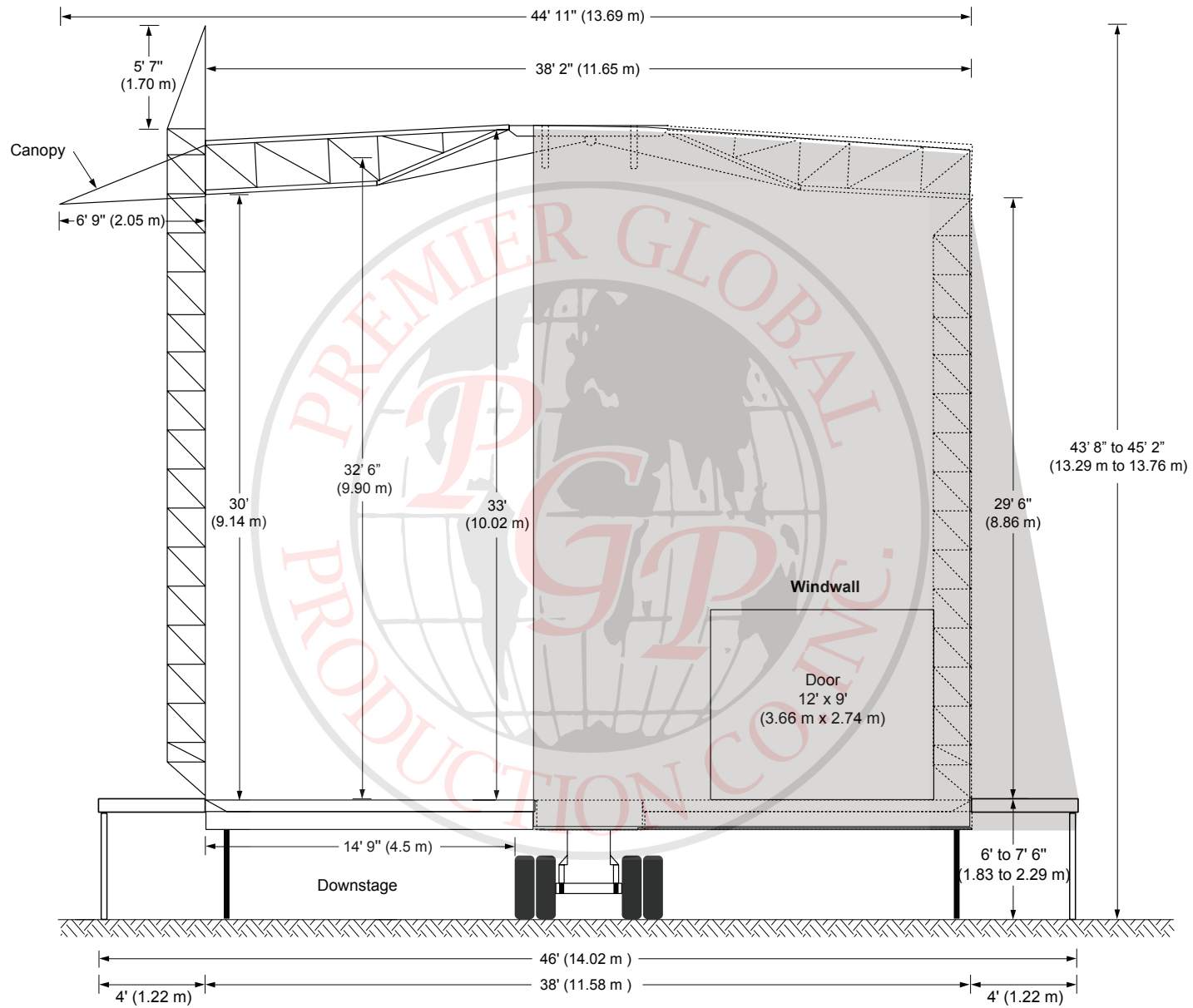
Front View with Windwall & Banner

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Side View with Windwall

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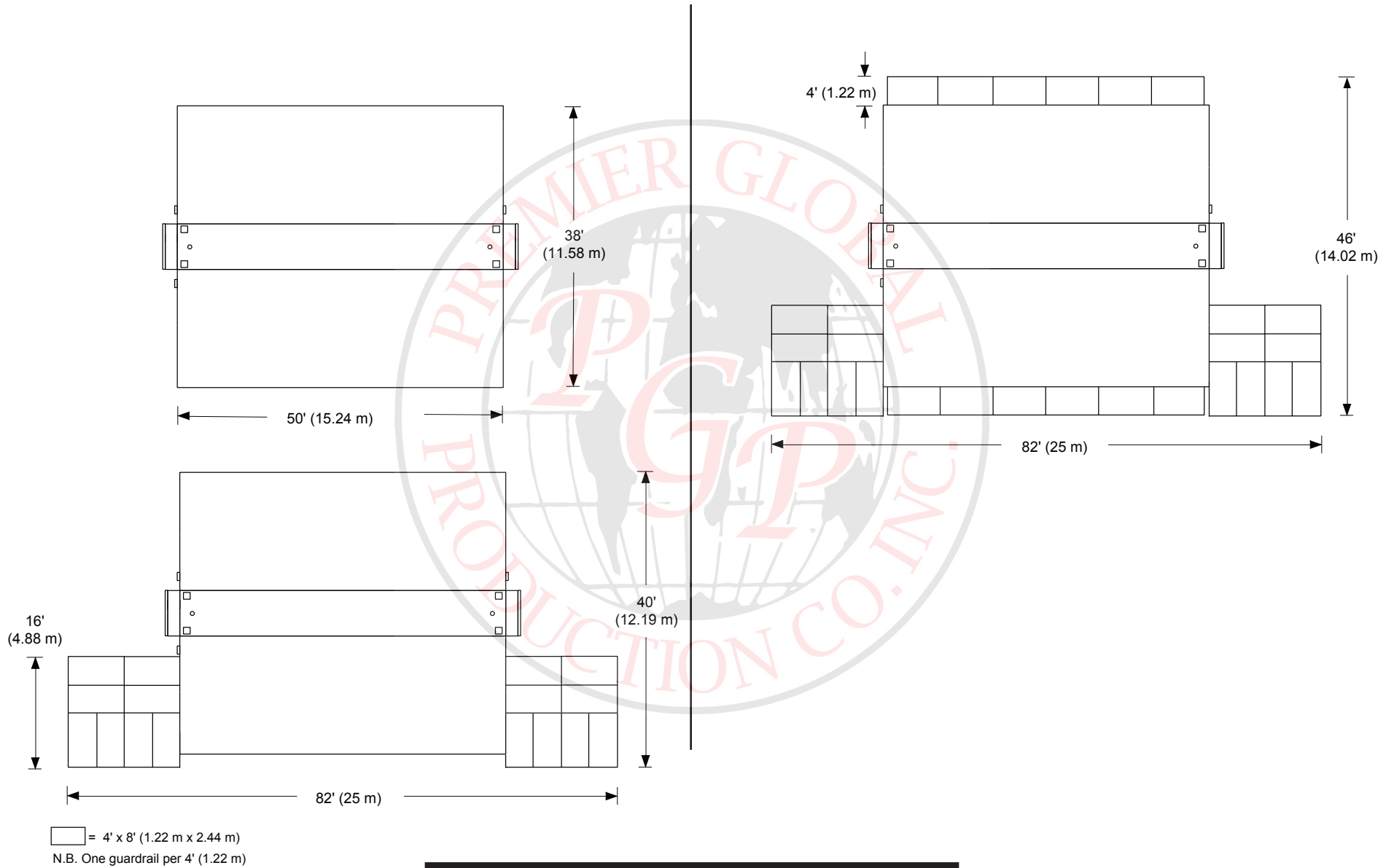


Side View with Extension Platforms

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Standard

Other Available Configurations



Extension Platform Layouts

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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 to 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 trusses, rigging pipes, front overhang rigging pipes, side overhang rigging beams, line array rigging beams and roof rigging points.

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.

RIGGING RESTRICTIONS

Use P1s or P2s or P3s or P4s or P5 alone.

- A** The sum of all rigging points shown in area A on each side of roof panel cannot exceed 9000 lb (4090 kg).

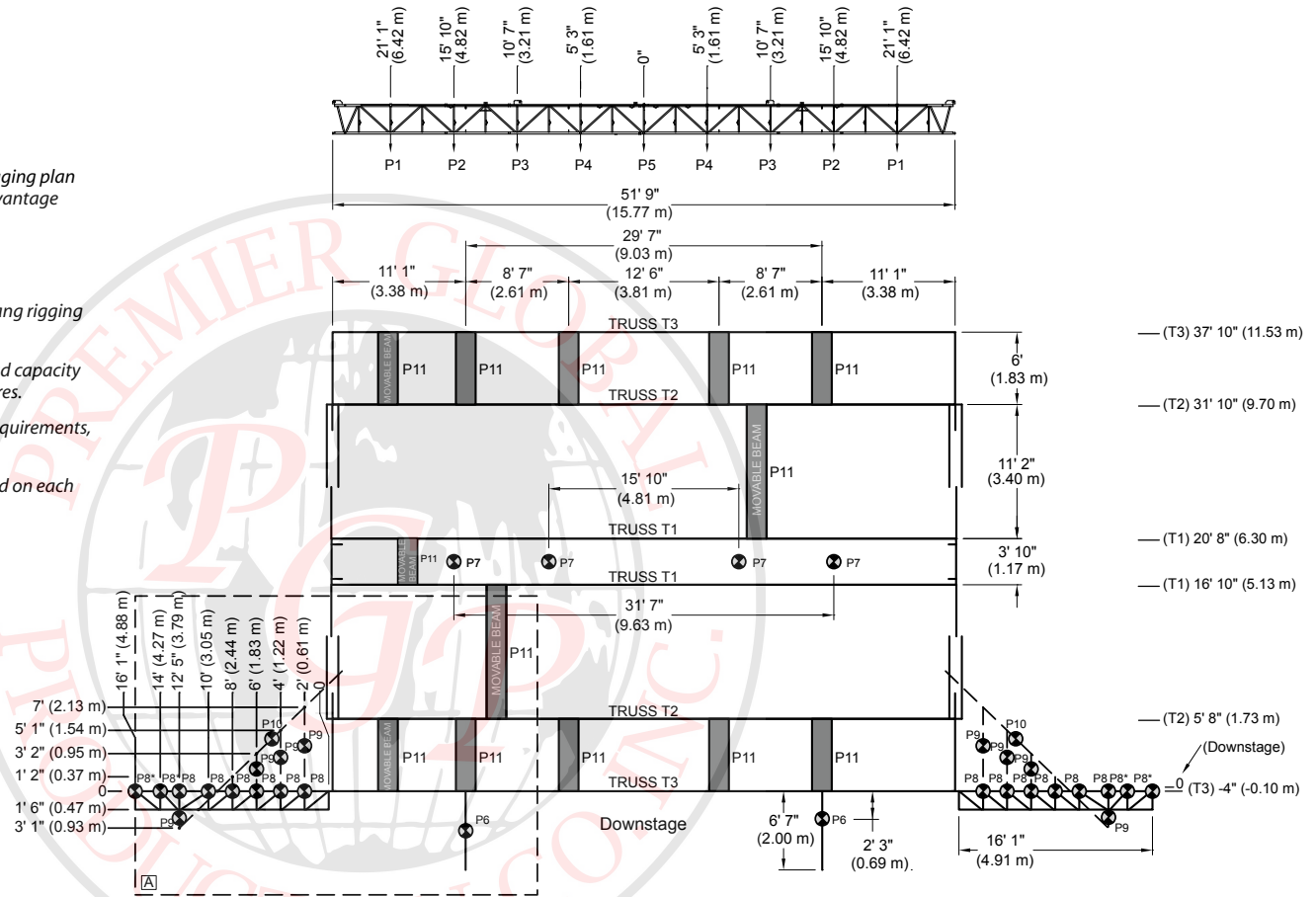
Total load on P8s must not exceed 8000 lb (3630 kg) on each side.

Total load on downstage T3 and P6s must not exceed 4000 lb (1814 kg).

Total load on P9 and P10 must not exceed 4000 lb (1814 kg) per side.

No additional load can be rigged on side overhang truss when line array system is being used.

When both P8* are used, total load at these points shall not exceed 2000 lb (900 kg) on one side.



MAXIMUM LOAD BEARING CAPACITY: 58000 lb (26364 kg)

Notes:

Outside diameter of rigging bars and of lower chord of trusses is 2" (5 cm).

Distance between each lower chord node on T1s, T2s and T3s is 31.5" (0.80 m).

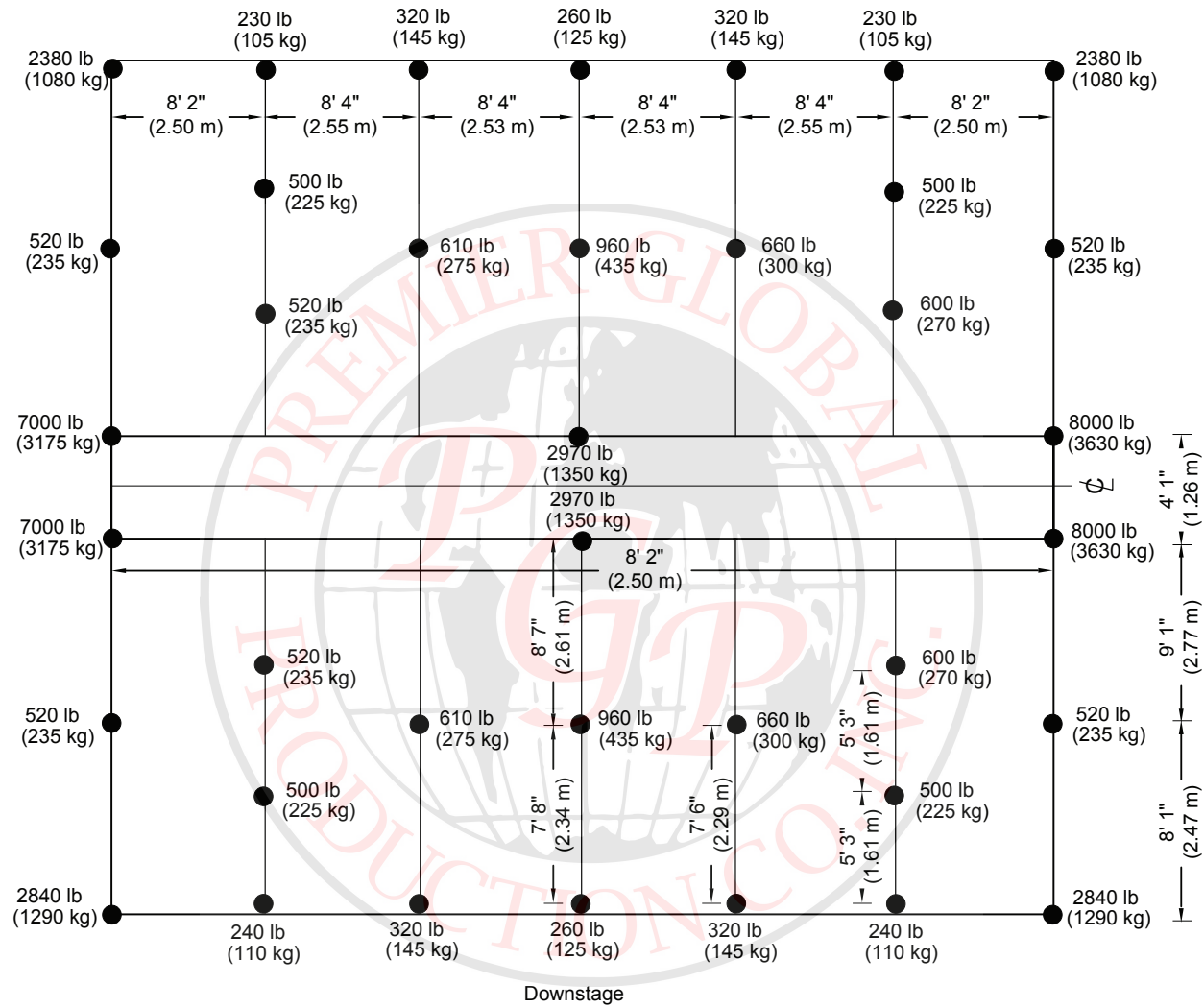
Distance between each lower chord node on Side Overhang Truss is 2' 0" (0.61 m).

Line array (Option) can be positioned at 2' (0.60 m), 4' (1.22 m), 6' (1.83 m) or at 12' 5" (3.79 m) from roof extension panel.

MAXIMUM LOAD CAPACITY		
Point No.	Lb	Kg
P9 & P10	4000	1815
P1, P2, P7, P8 & P11	2000	910
P3 & P5	1500	680
P4 & P6	1000	455

Rigging Plan

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● : Floor stabilizers, extension and levelling jacks.

Note: For additional live load information, refer to Stageline technical department.

Dead Load Ground Support