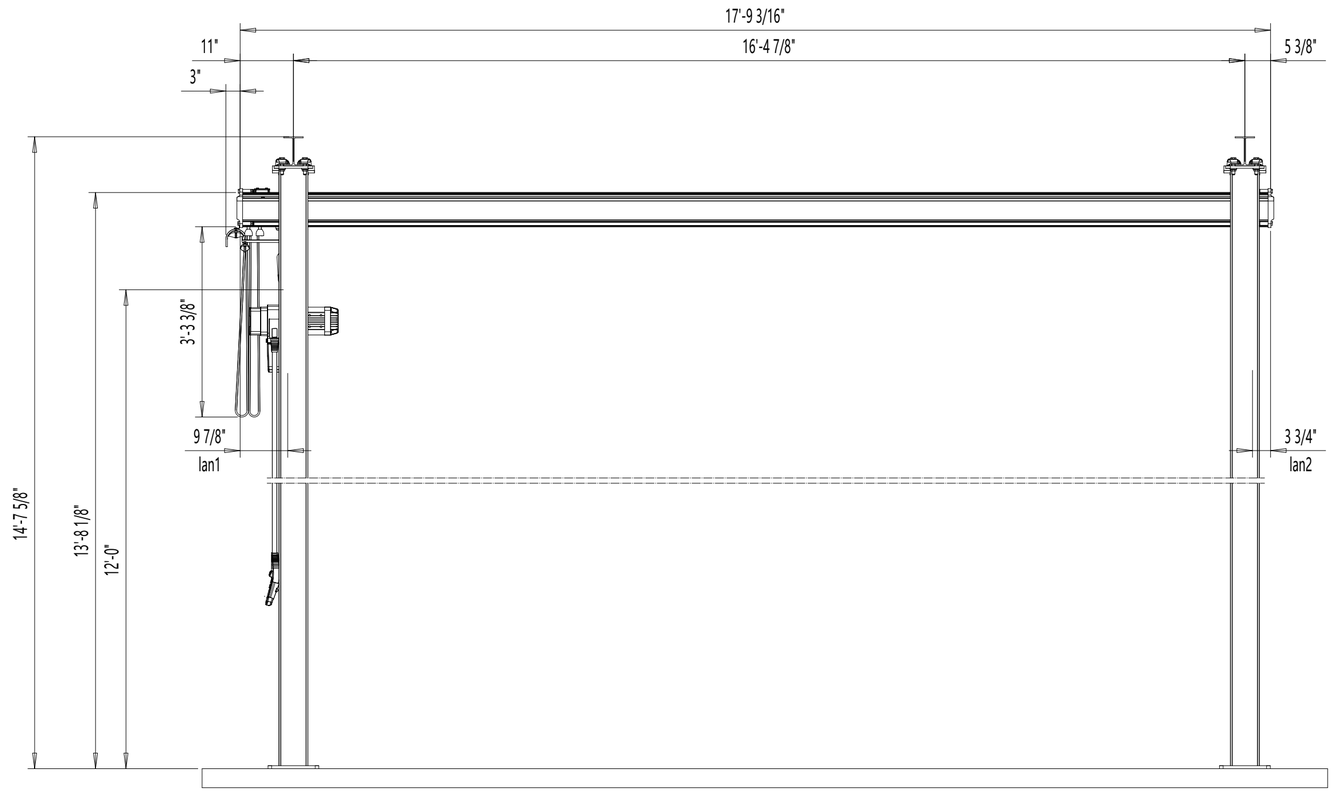
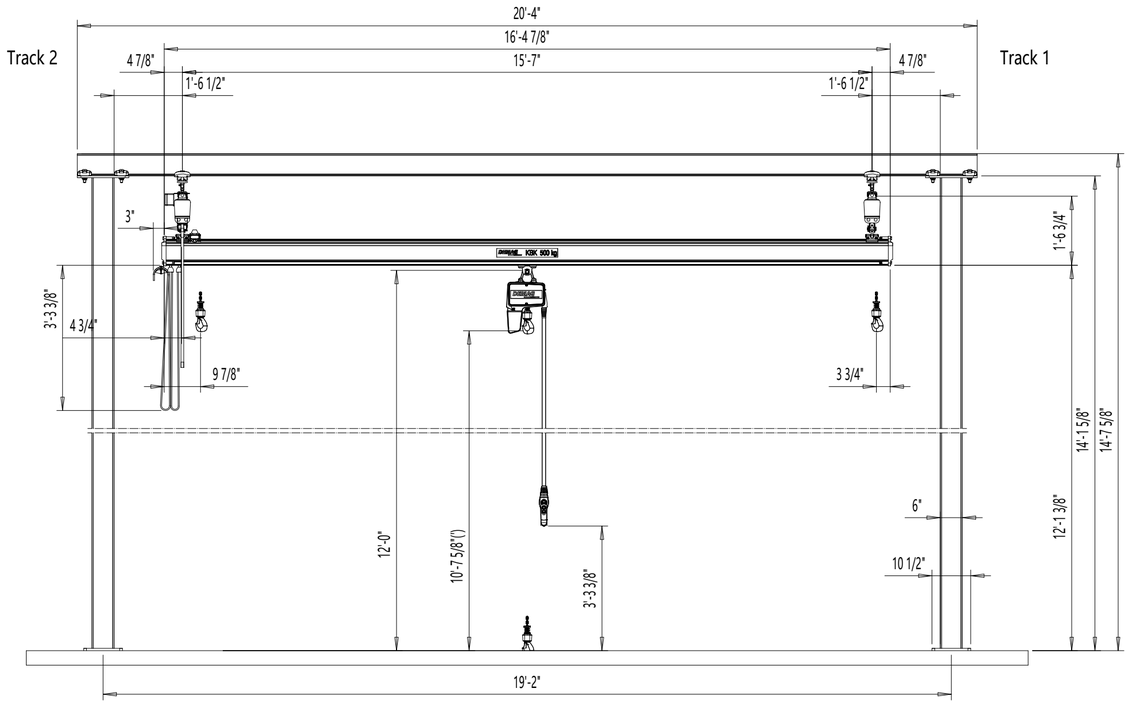
REV	CHANGE DESCRIPTION	ECN	DATE	REVISED BY	APPROVED BY





TECHNICAL DATA

Span	: 15'-7"	Main / control voltage	: 460 / 24 V; 60 Hz
Length of runway	: 17'-9 3/16"	Crane classification	: DIN 15018 H1 B3
Load of bridge	: 1/2 TON	Hoist group	: 2m / M5
Lifting height	: 16'-4 7/8" ft	Total weight of system, approx.	: 2215lbs
Hoisting speed	: 0 / 0 ft/min	Total weight of FSS, approx.	:
Traversing speed	: Manual	Vertical load (cycling) in one suspension:	
Travelling speed	: Manual	Max. track 1	: 1420lbs
Runway profile	: KBK II / RAL 2002	Max. track 2	: 1385lbs
Bridge profile	: KBK II / RAL 2002	Anchor bolts by others	

ACCEPTED BY:

COMPANY:

DATE:

Amount	Pos	Description	Specification

Design	Chd	Appd	Ref drawing	Vx proj
10/28 Date	Single girder crane KBK 1102 lbs x 15'-7''			M-film
Dept	-			
	Crane Source system: DEMAG KBK 1,100 lb freestanding steel kit			Issue

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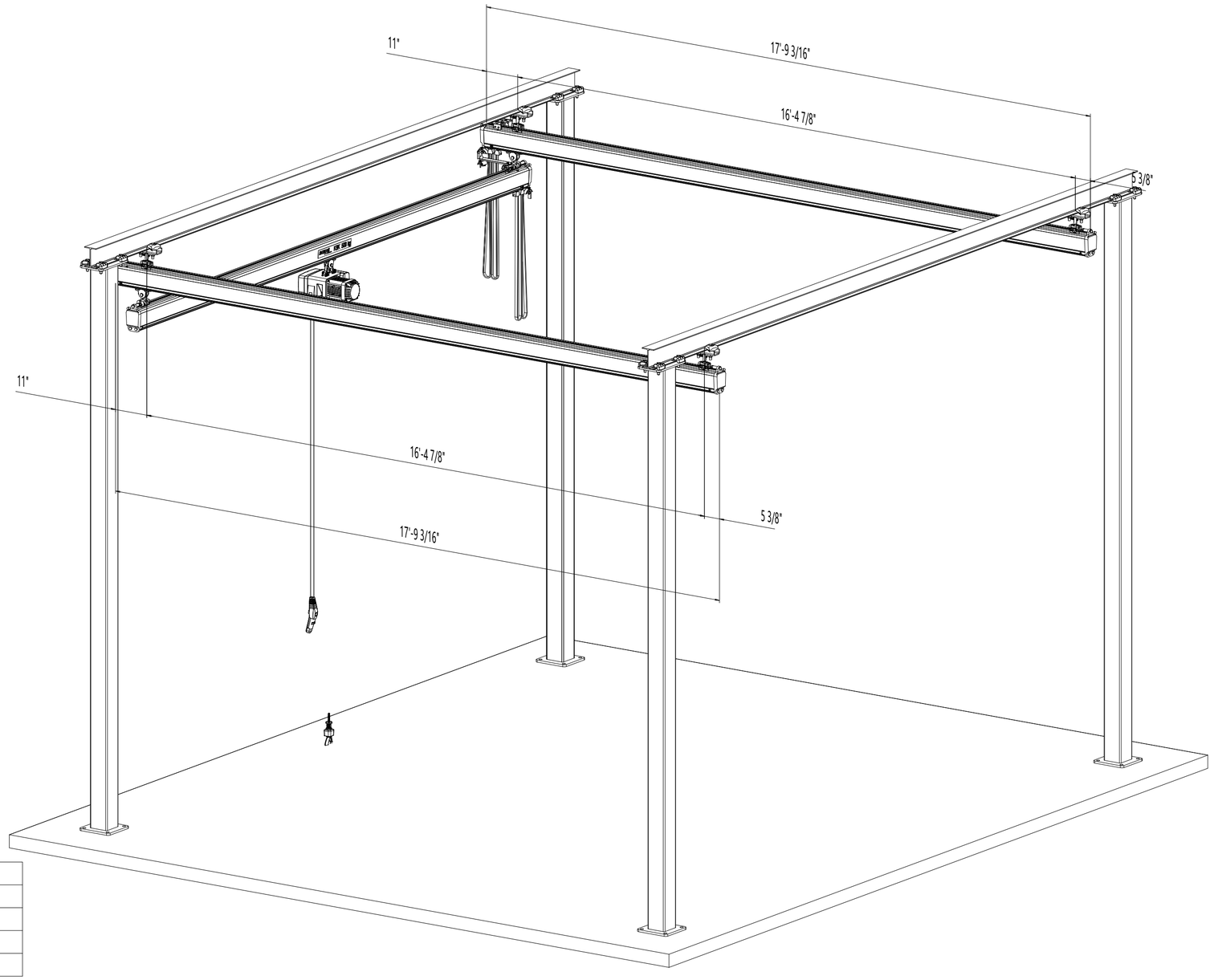
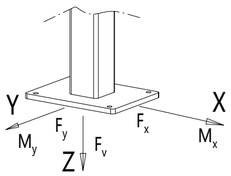


Maximum values

Fy	243 lbf
My	1791 Lb ft
Fv	2854 lbf
Fx	121 lbf
Mx	3582 Lb ft



Suspension Load

G_{AB} =

ANCHORING

We recommend to use chemical anchors which are permitted for dynamic loads.

Anchor bolts may be used for anchoring with mainly static loads and mainly non-static loads in reinforced and non-reinforced normal concrete. They may be anchored in cracked and non-cracked concrete.

Concrete type: 4000 psi, un-cracked condition.

The minimum concrete depth is 6 in. or more, depending on the selected anchor bolts.

The drill hole diameter in the base plate for anchoring is always 1 in.

It is the responsibility of the customer to ensure that supporting foundations and structures are suitable for the applied loadings of offered equipment.

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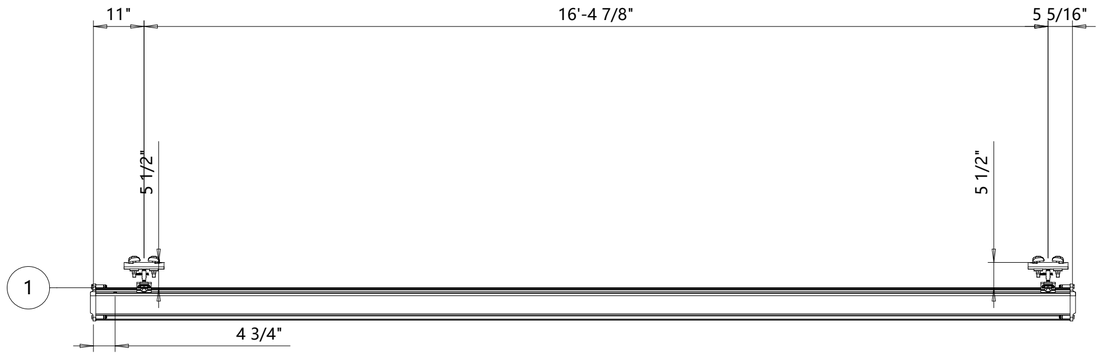
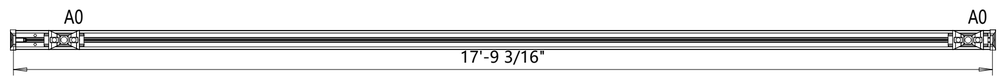
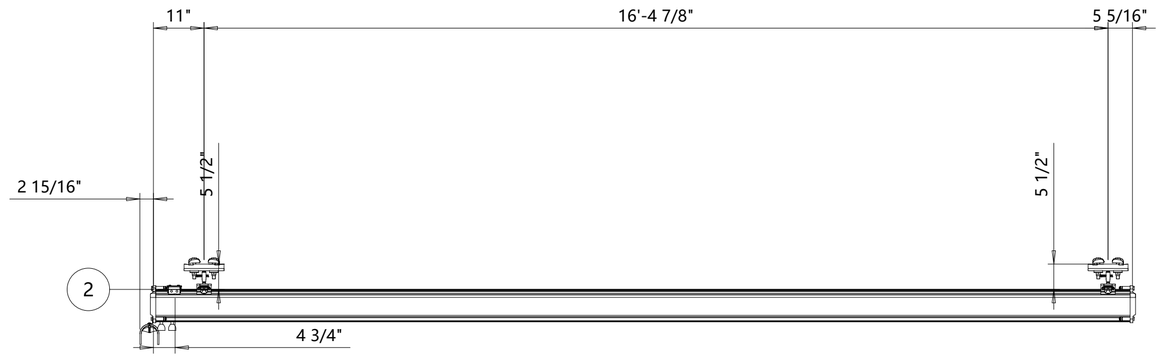
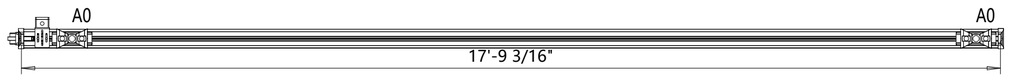






Distances in mm.



Load situation when crane(s) is (are) positioned at left hand side (lan1) [lbs]	
Suspension loads with live load	Suspension loads without live load
1420	300
90	97

Load situation when crane(s) is (are) positioned at right hand side (lan2) [lbs]	
Suspension loads with live load	Suspension loads without live load
95	104
1415	293

Max. load on one suspension on a track [lbs]	Load on opposite suspension at that moment (other track) [lbs]	Dead weight of track [lbs/ft]
1420	203	37.48

REMARK:

Given loads are without dynamic factor (characteristic loads)
Horizontal forces:
10% of the max. suspension load for both directions

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Date				
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Single girder crane KBK 1102 lbs x 15'-7''

-

Crane Source system: DEMAG KBK 1,100 lb freestanding steel kit

1:30

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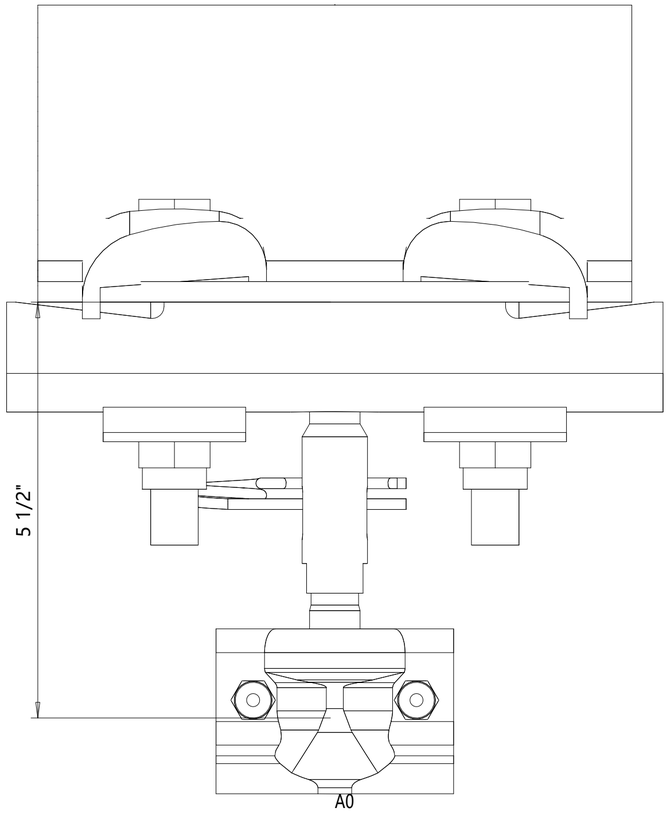

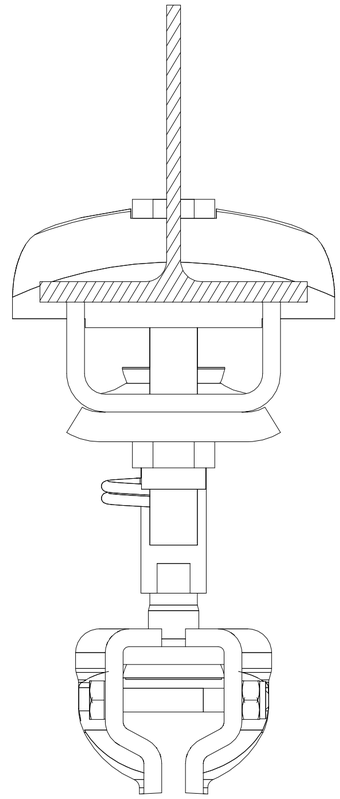

A0

Upper susp. bracket A suits for
FLANGE WIDTHS 2 13/16'' - 5 1/2''

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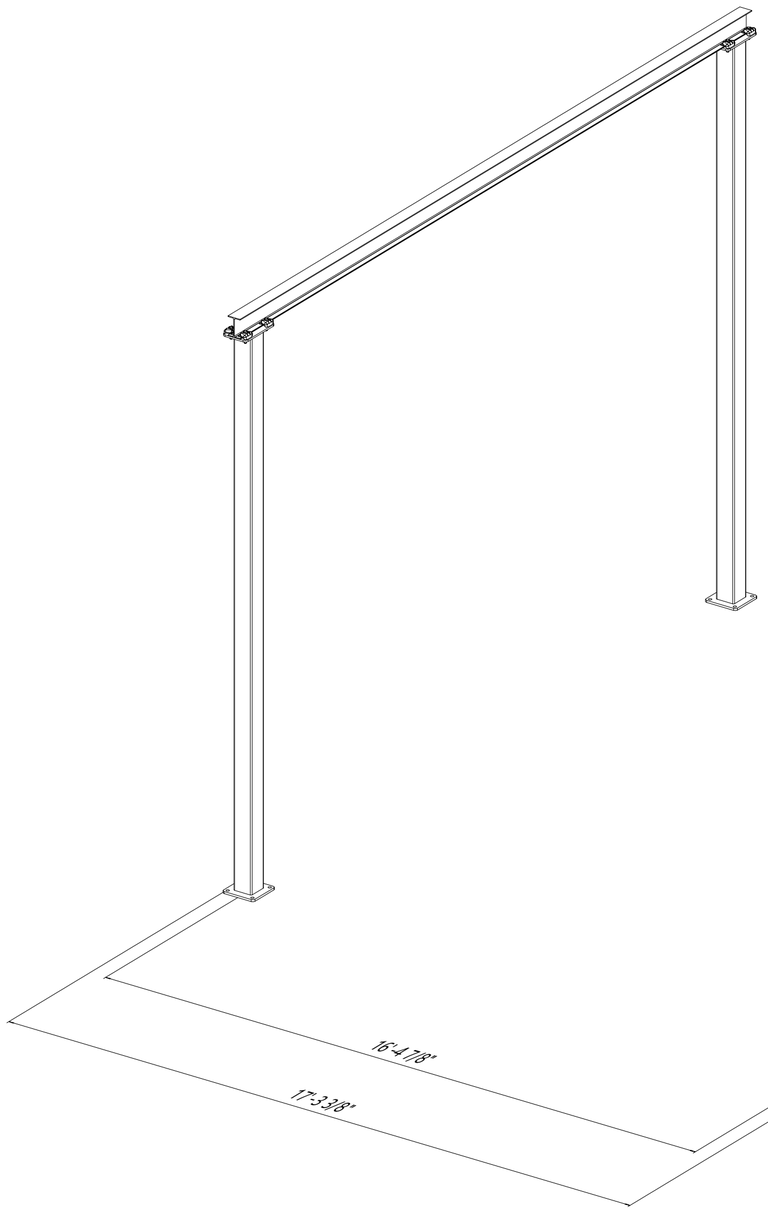

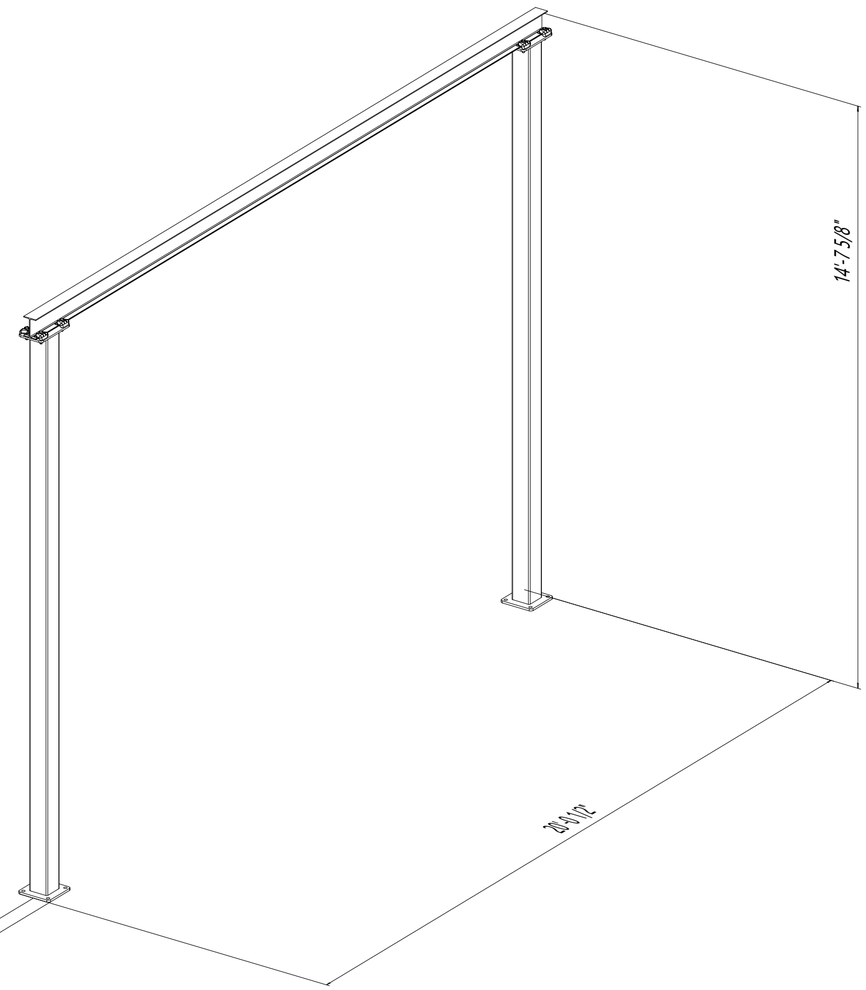

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