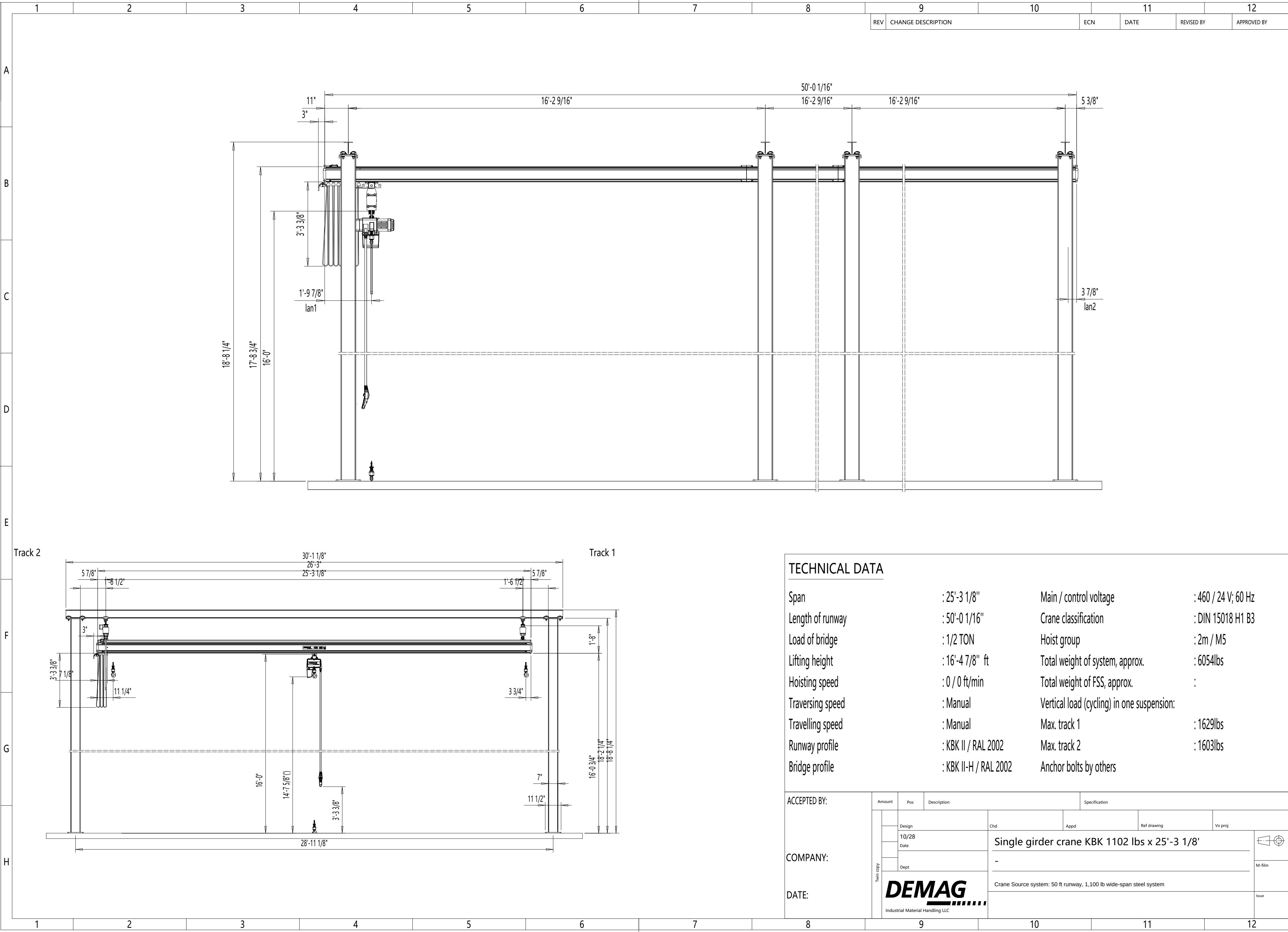


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TECHNICAL DATA

Span

: 25'-3 1/8"

Main / control voltage

: 460 / 24 V; 60 Hz

Length of runway

: 50'-0 1/16"

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.

: 6054lbs

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

: 1629lbs

Runway profile

: KBK II / RAL 2002

Max. track 2

: 1603lbs

Bridge profile

: KBK II-H / RAL 2002

Anchor bolts by others

ACCEPTED BY:

Amount

Pos

Description

Specification

COMPANY:

DATE:

Amount

Pos

Description

Specification

Design

10/28

Date

Dept

Chd

Appd

Ref drawing

Vx proj

Single girder crane KBK 1102 lbs x 25'-3 1/8"

-

Crane Source system: 50 ft runway, 1,100 lb wide-span steel system

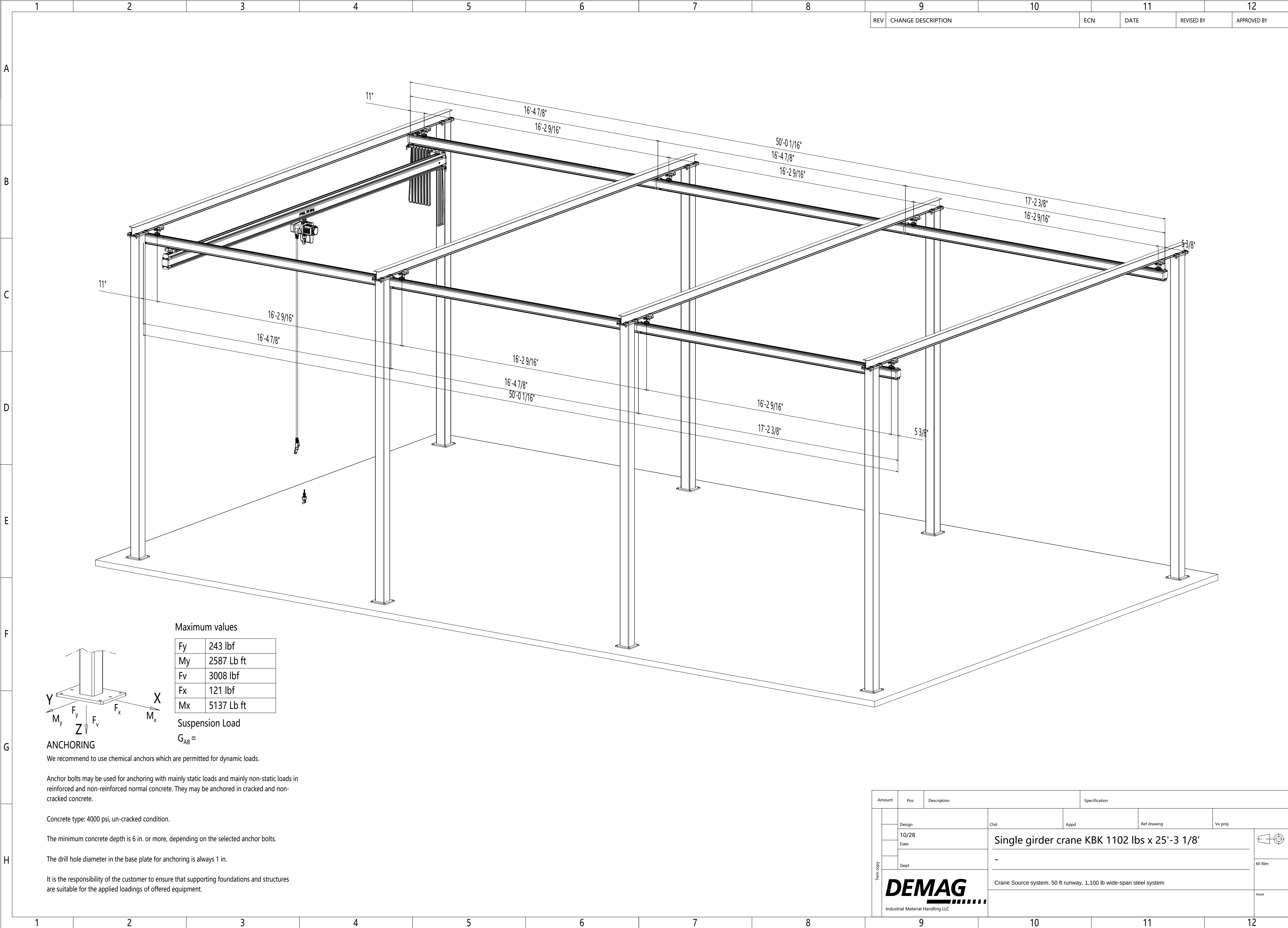
M-film

Issue

DE MAG

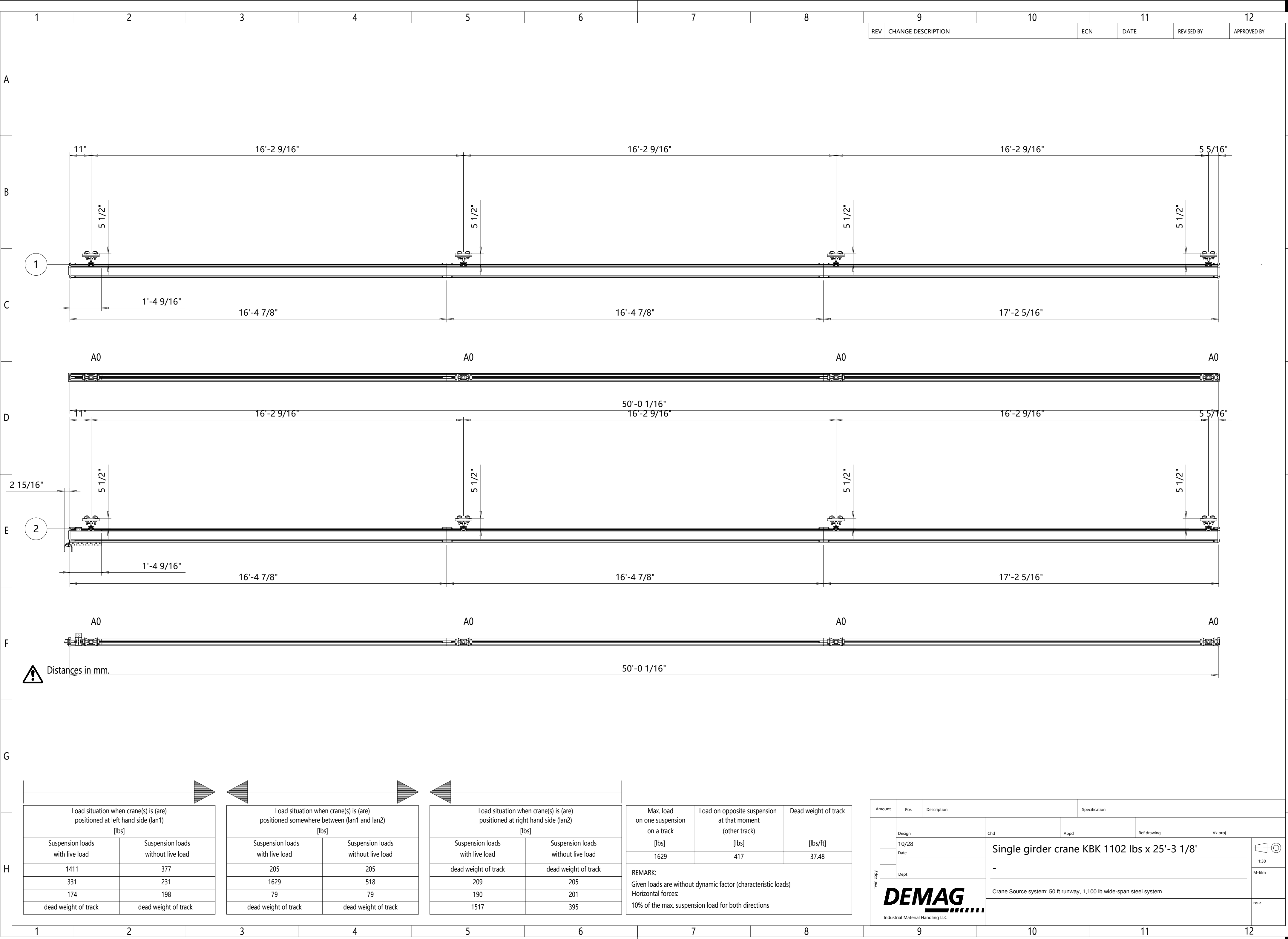
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Amount	Pos	Description	Specification
Two copy	Design	Chd	Appd
	10/28	Date	Ref drawing
		Dept	Vx proj
	Single girder crane KBK 1102 lbs x 25'-3 1/8'		
DEMAG			Crane Source system: 50 ft runway, 1,100 lb wide-span steel system
Industrial Material Handling LLC			Issue

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A

B

C

D

E

F

G

H

11"

16'-2 9/16"

16'-2 9/16"

16'-2 9/16"

5 5/16"

5 1/2"

5 1/2"

5 1/2"

5 1/2"

1'-4 9/16"

16'-4 7/8"

16'-4 7/8"

17'-2 5/16"

A0

A0

A0

A0

11"

16'-2 9/16"

50'-0 1/16"

16'-2 9/16"

16'-2 9/16"

5 5/16"

5 1/2"

5 1/2"

5 1/2"

5 1/2"

1'-4 9/16"

16'-4 7/8"

16'-4 7/8"

17'-2 5/16"

A0

A0

A0

A0

!

Distances in mm.

50'-0 1/16"

Load situation when crane(s) is (are) positioned at left hand side (lan1)

[lbs]

Suspension loads with live load

1411

331

174

dead weight of track

Suspension loads without live load

377

231

198

dead weight of track

Load situation when crane(s) is (are) positioned somewhere between (lan1 and lan2)

[lbs]

Suspension loads with live load

205

1629

79

dead weight of track

Suspension loads without live load

205

518

79

dead weight of track

Load situation when crane(s) is (are) positioned at right hand side (lan2)

[lbs]

Suspension loads with live load

209

190

1517

dead weight of track

Suspension loads without live load

205

201

395

dead weight of track

Max. load on one suspension on a track

[lbs]

1629

Load on opposite suspension at that moment (other track)

[lbs]

417

Dead weight of track

[lbs/ft]

37.48

REMARK:

Given loads are without dynamic factor (characteristic loads)

Horizontal forces:

10% of the max. suspension load for both directions

Amount

Pos

Description

Specification

Design

10/28

Date

Dept

Chd

Appd

Ref drawing

Vx proj

Single girder crane KBK 1102 lbs x 25'-3 1/8'

-

Crane Source system: 50 ft runway, 1,100 lb wide-span steel system

1:30

M-film

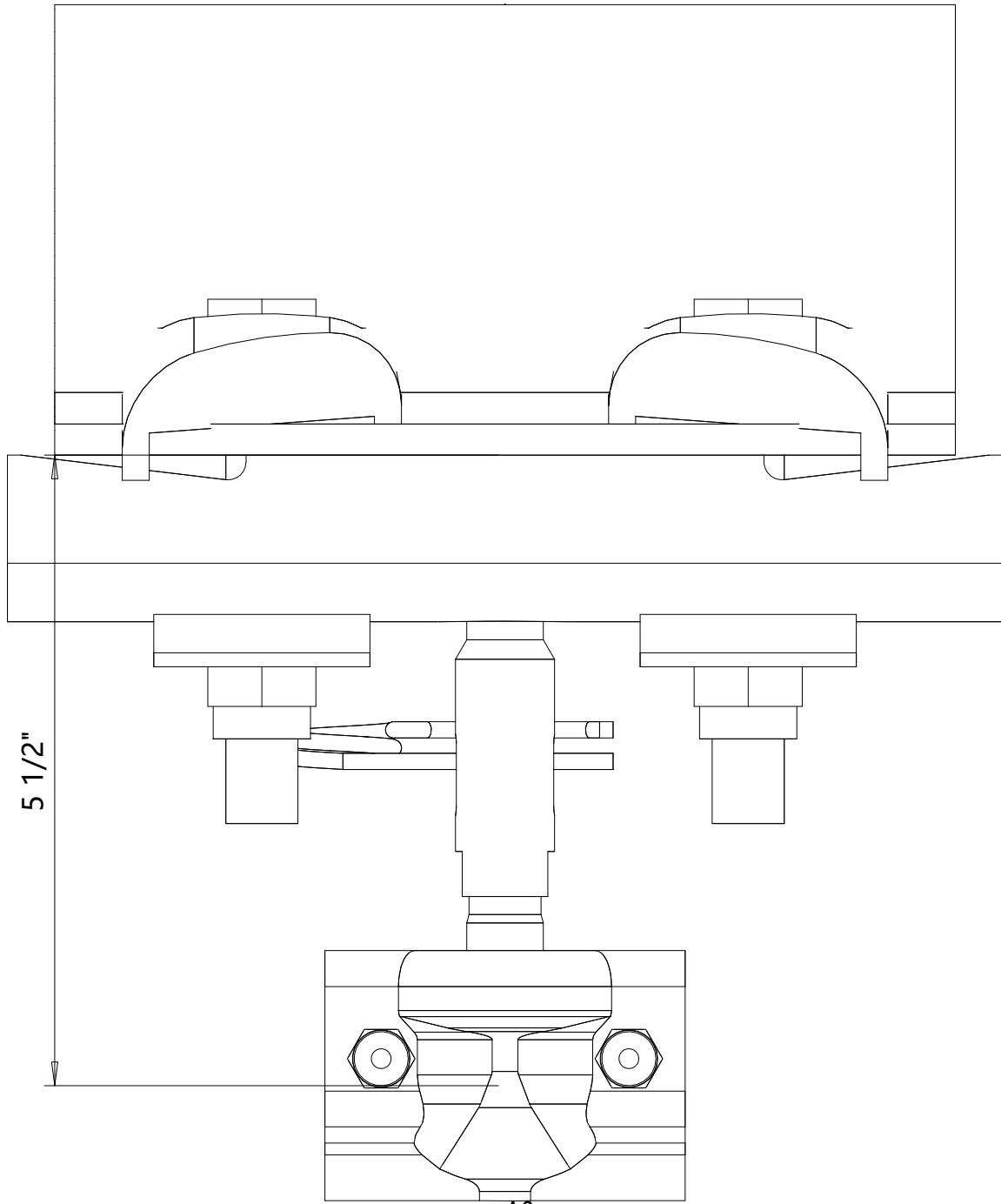
Issue

Turn copy

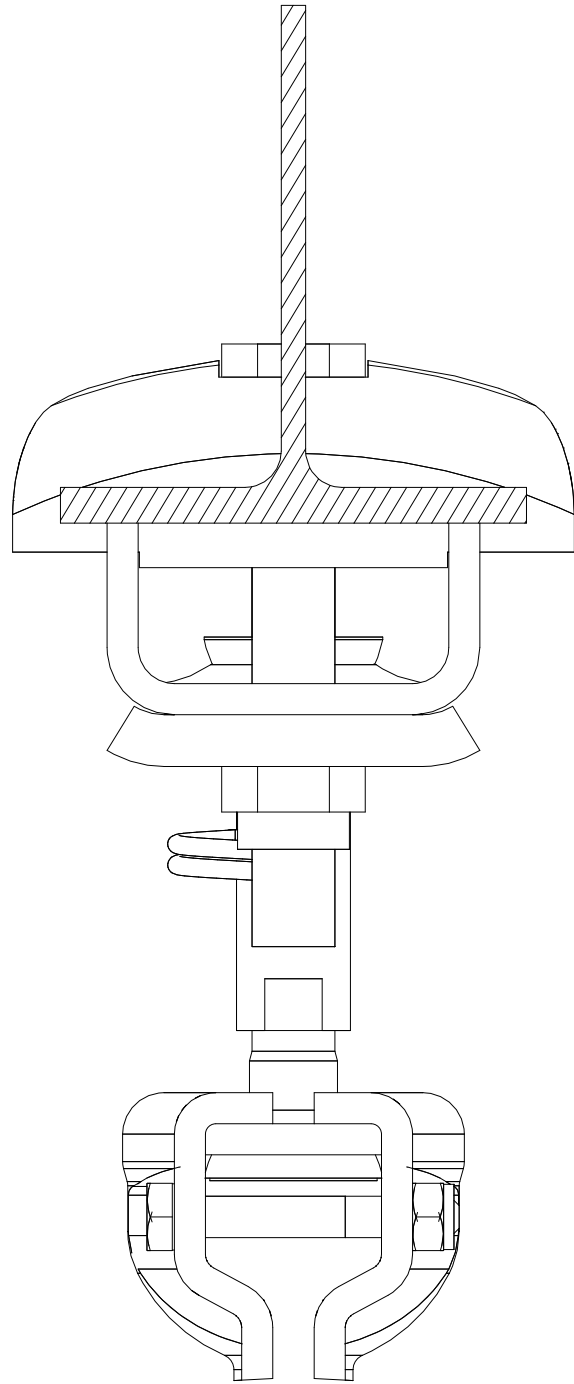
DEMAC

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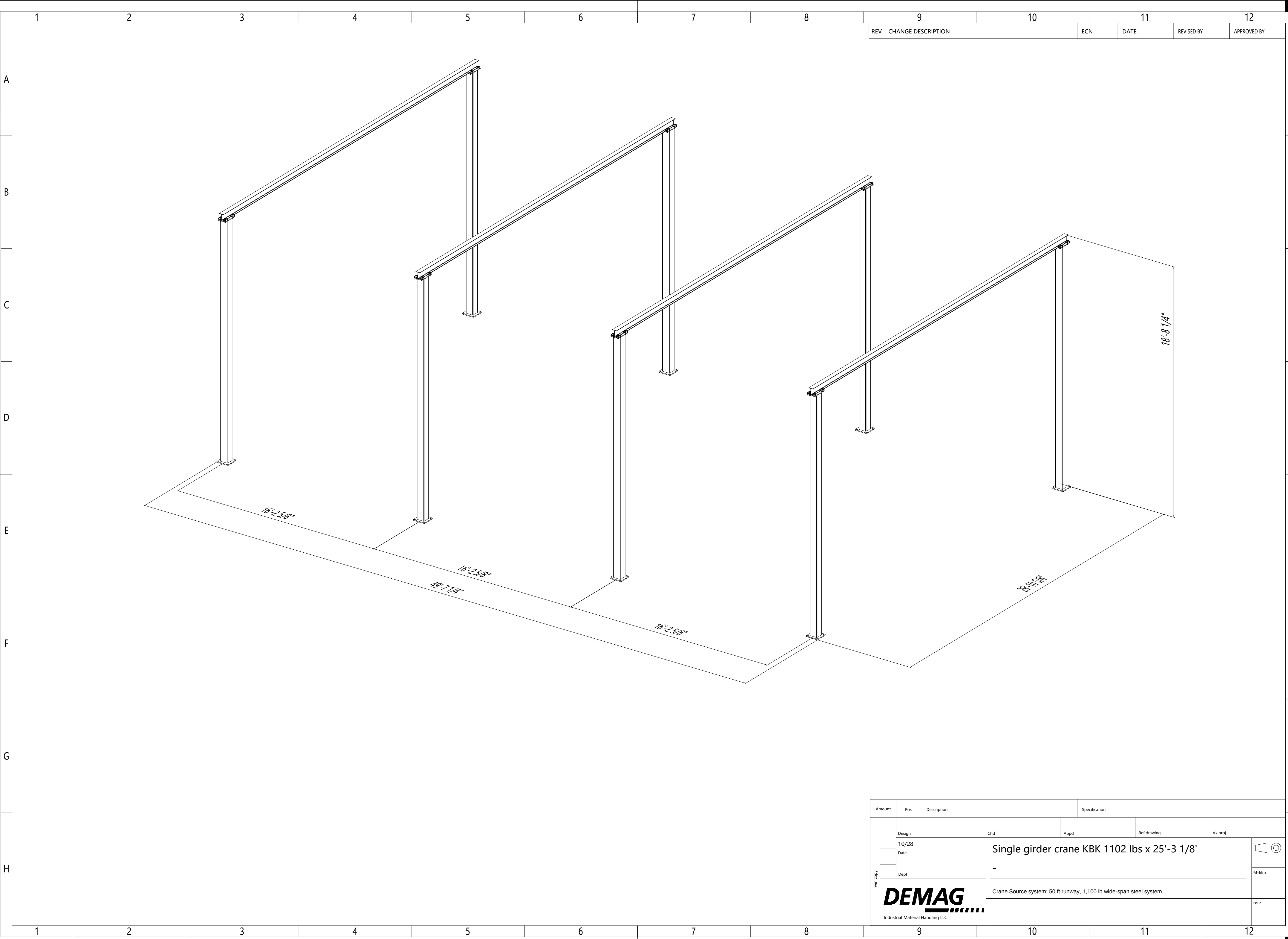


A0
Upper susp. bracket A suits for
FLANGE WIDTHS 2 13/16" - 5 1/2"



Amount		Pos	Description		Specification		
Twin copy			Design	Chd	Appd	Ref drawing	Vx proj
			10/28	Single girder crane KBK 1102 lbs x 25'-3 1/8'			
			Date				
			Dept	-			
				Crane Source system: 50 ft runway, 1,100 lb wide-span steel system			
			DEMAG Industrial Material Handling LLC				Issue

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Amount		Pos	Description		Specification		
Twin copy							
		Design	Chd	Appd	Ref drawing	Vx proj	
		10/28	Single girder crane KBK 1102 lbs x 25'-3 1/8'				
		Date					
			-				M-film
	Dept						
		Crane Source system: 50 ft runway, 1,100 lb wide-span steel system				Issue	
Industrial Material Handling LLC							