
FOR SALE

40T CONTAINER HANDLING BRIDGE CRANE & RUNWAY



DESCRIPTION

40T 65' span container handling bridge crane & 125' long free-standing runway

EQUIPMENT RATING

40T Capacity

CRANE DETAILS

Custom 40T container handling bridge crane and runway, capable of handling 20' to 40' long ISO shipping containers. The crane is designed for CMAA 70, Class "D", outdoor service, and coated in IMRON Aviation Series finishes to ensure lasting corrosion protection and durability. It complies with all applicable NEC, ASME, and OSHA requirements for Overhead Electric Traveling Cranes.

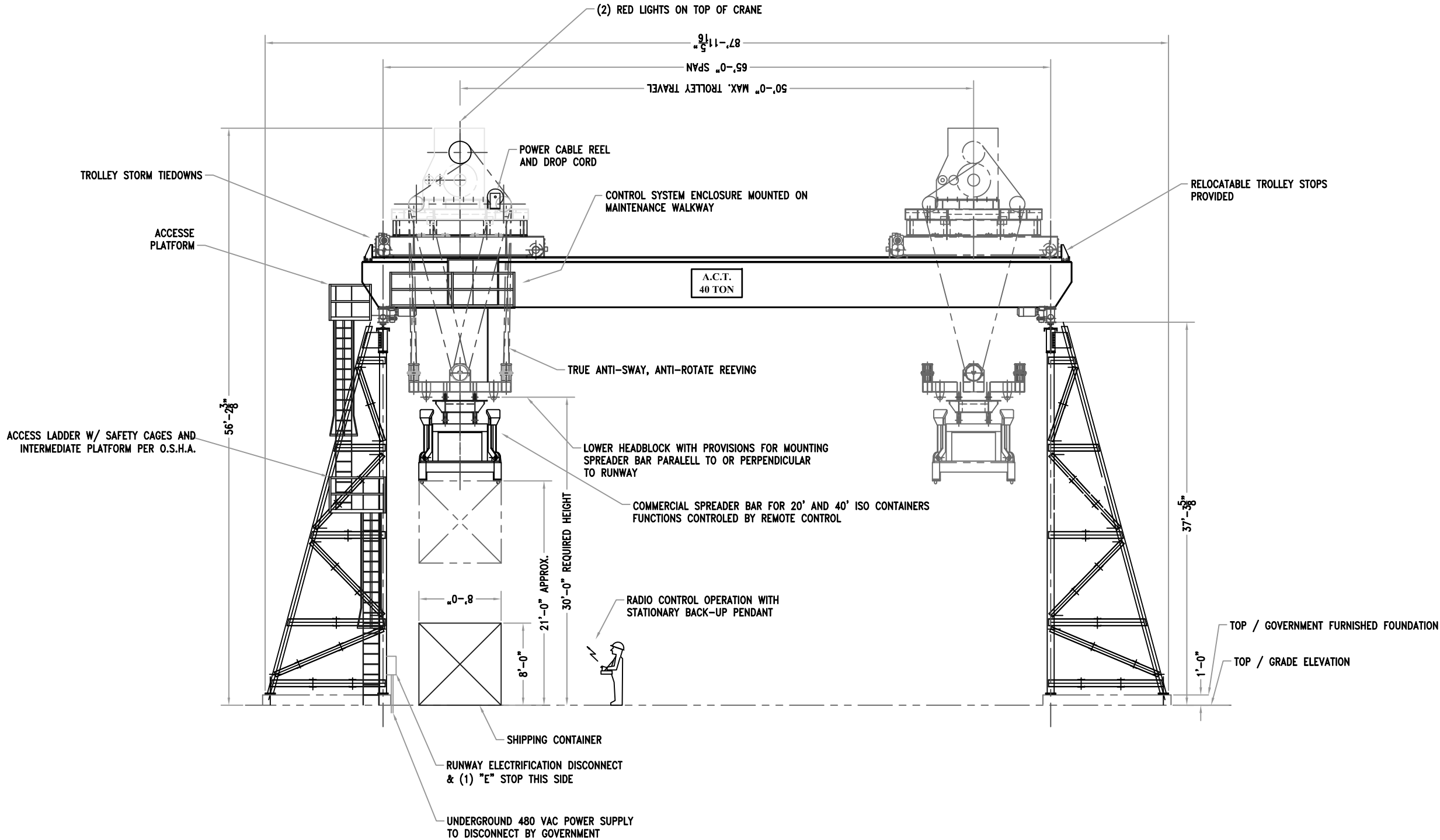
Crane can be run with a 60t capacity hook block in lieu of the container handler.

Hoist design: ASME HST-4 duty, with 16 part true Anti-Sway / Anti-Rotate reeving designed to maintain spreader bar level to ground at all times. Runway rail height is 37'-3" and 30'-0" of lift.

Control System is variable frequency for all motions, controlled by handheld radio control transmitter with integrated control for the spreader bar, and back-up push button pendant on separate festoon system. Bridge & trolley limit switches provided to prevent crane from exceeding safe limits of travel. The freestanding runway structure is designed to support the crane and load and will be designed to AISC standards.

Hoist Speed: 21 FPM Max
Bridge Speed: 130 FPM Max
Trolley Speed: 130 FPM Max
Power Supply is 480 VAC
100' – 0" Bridge Travel

AH1051	JOB NUMBER	STRUCTURAL LIST FOR ONE COMPLETE ITEM						
		TOT. QTY	EA. QTY	MRK	DESCRIPTION	REF ITEM	MATL	WT



CRANE DATA:

CAPACITY: 40 TON CONTAINER
BRIDGE SPEED: 130 F.P.M. MAX.
TROLLEY SPEED: 130 F.P.M. MAX.
HOIST SPEED: 21 F.P.M. MAX.
BRIDGE TRAVEL: 100' W/ ANY SIZE CONTAINER
TROLLEY TRAVEL: 50' MAX.
LIFT: 30' REQUIRED

END ELEVATION – CRANE AND RUNWAY

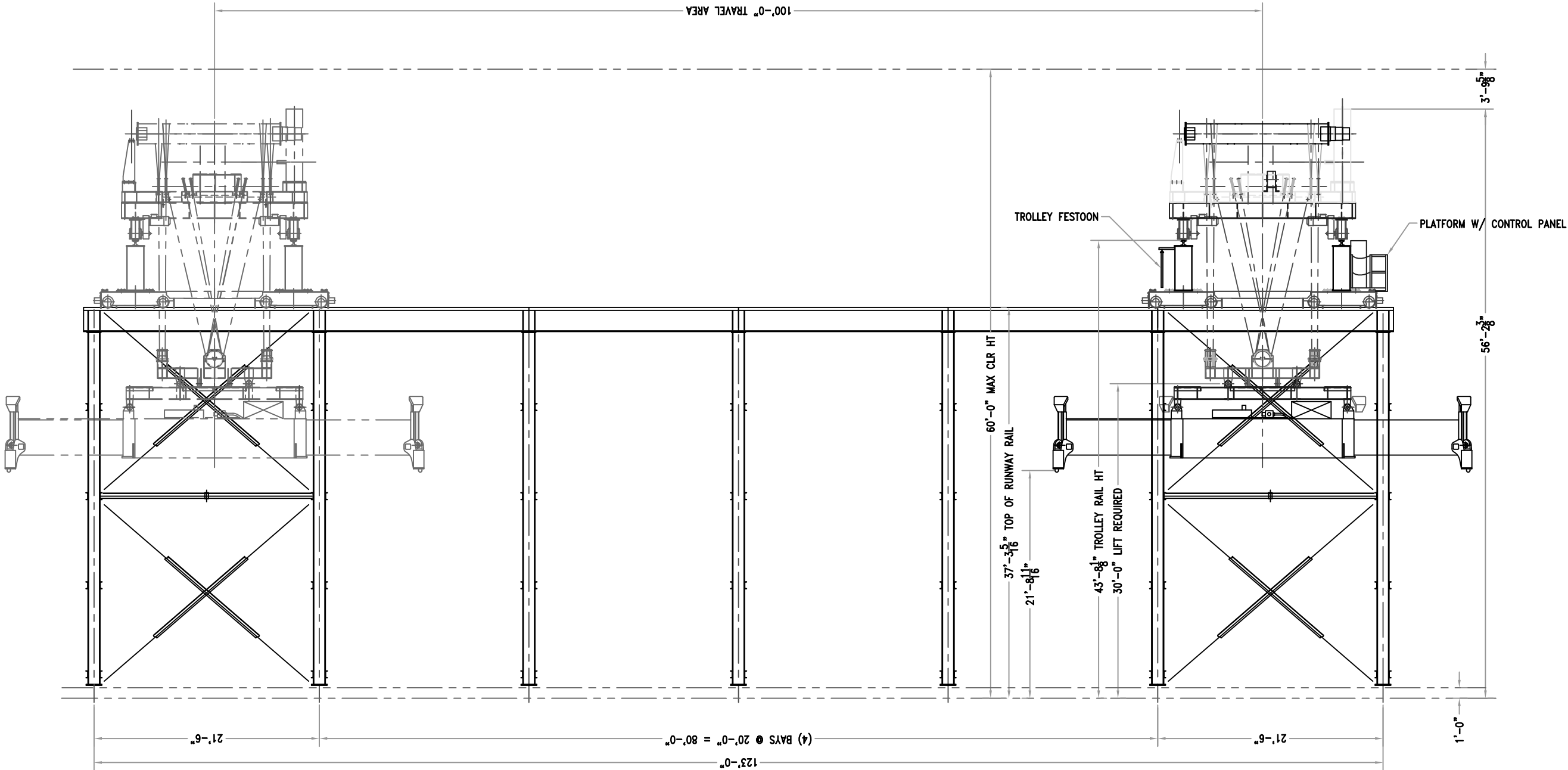
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GENERAL MACHINING TOLERANCE UNLESS OTHERWISE SPECIFIED				
FRACTIONAL	2 PLACE	± 1/64		
	3 PLACE	± .01		
DECIMAL		± .005	AH1051-000-P3	CRANE & RUNWAY ARRANGEMENT
ANGULAR		± 1/2 °	AH1051-000-P2	CRANE & RUNWAY ARRANGEMENT
FABRICATION TOLERANCES— UNLESS OTHERWISE SPECIFIED			DWG. No	REFERENCE
30°-0° OR LESS = +/- 1/16° OVER 30°-0° = +/- 1/8°			CAD REF.	AH1051-1000-P1

QUANT	ITEM	DESCRIPTION				MAT'L		WT. EA.		
	BILL OF MATERIAL									
AH1051	JOB NUMBER	Advanced Crane Technologies LLC LINCOLN CORPORATE CENTER 11 VANGUARD DRIVE READING, PA 19606 PHONE (610) 582-7203 FAX (610) 582 7208								
		PROJECT 40 TON CAPACITY CRANE & FREESTANDING RUNWAY								
RS	JLC	CHECKED		DRAWING						
		DWG. TITLE		CRANE AND RUNWAY ARRANGEMENT						
CUSTOMER										
DATE		DRG. NO.								
10/21/09		AH1051-1000 (PG. 1 OF 3)								
		DRW	JLC	CHD	RS	APPO	RS	SCALE	DATE	REV.
								3/16"=1'-0"	10/21/09	-

STRUCTURAL LIST FOR ONE COMPLETE ITEM					
TOT. QTY	EA. QTY	MK	DESCRIPTION	REF. ITEM	MATL. WT.



ELEVATION – CRANE AND RUNWAY

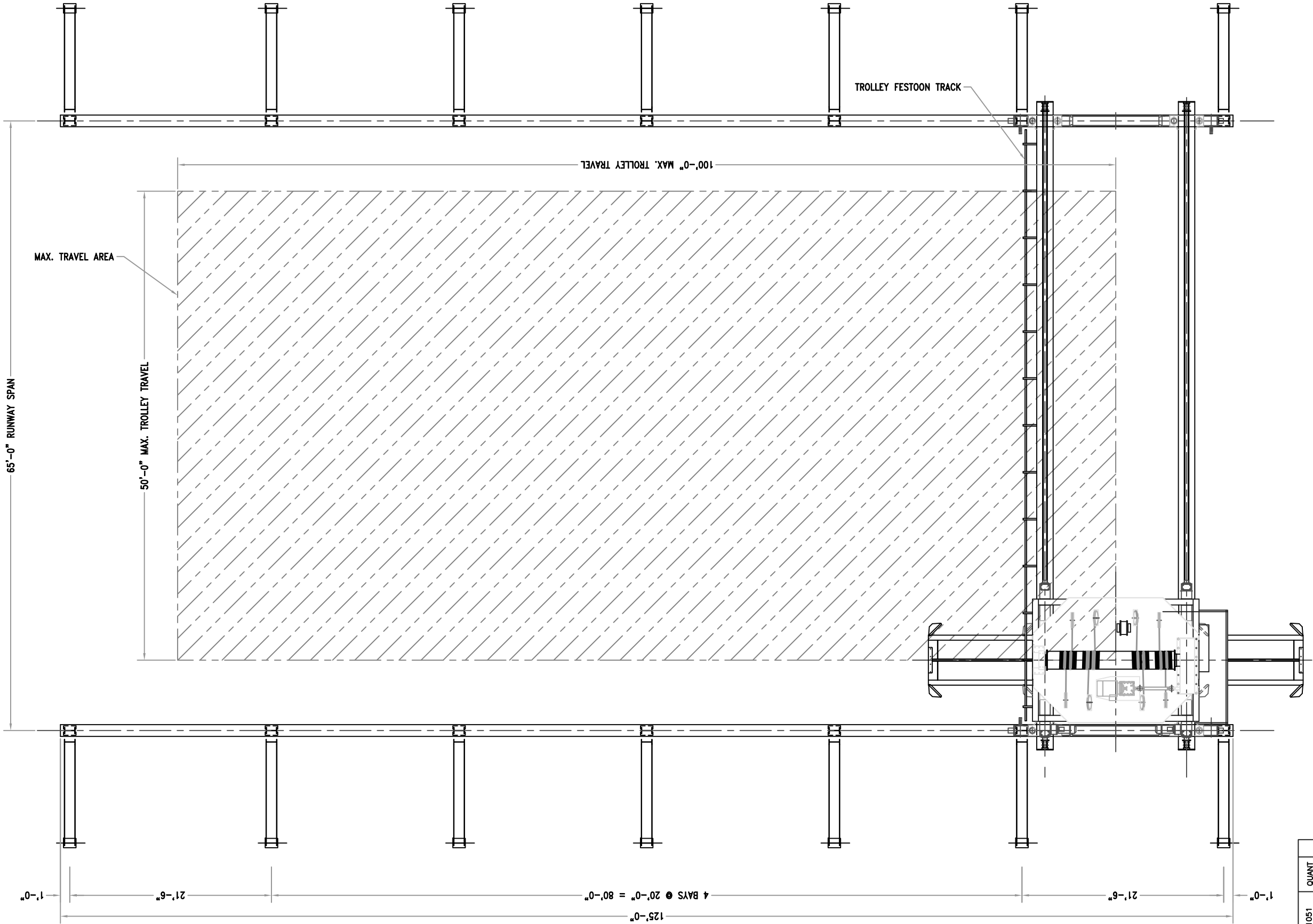
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FRACTIONAL		± 1/64		
DECIMAL	2 PLACE	± .01	AH1051-000-P3	CRANE & RUNWAY ARRANGEMENT
	3 PLACE	± .005	AH1051-000-P1	CRANE & RUNWAY ARRANGEMENT
ANGULAR		± 1/2 °	DWG. No	REFERENCE
FABRICATION TOLERANCES— UNLESS OTHERWISE SPECIFIED			CAD REF. AH1051-1000-P2	
30'-0" OR LESS = +/- 1/16" OVER 30'-0" = +/- 1/8"				

QUANT	ITEM	DESCRIPTION				MAT'L		WT. EA.				
	BILL OF MATERIAL											
AH1051	JOB NUMBER	Advanced Crane Technologies LLC										
		LINCOLN CORPORATE CENTER										
		11 VANGUARD DRIVE		READING, PA 19606								
		PHONE (610) 582-7203				FAX (610) 582 7208						
RS JLC	CHECKED DRAWN	PROJECT 40 TON CAPACITY CRANE & FREESTANDING RUNWAY										
		DWG. TITLE CRANE AND RUNWAY ARRANGEMENT										
		CUSTOMER										
10/21/09	DATE	DRN JLC		CHKD RS		APPD RS		SCALE 3/16"=1'-0"		DATE 10/21/09		
		DRG. NO. AH1051-1000 (PG. 2 OF 3)										REV.
												-

STRUCTURAL LIST FOR ONE COMPLETE ITEM						
TOT. QTY	EA. QTY	MR	DESCRIPTION	REF. ITEM	MATL	WT.



PLAN VIEW – CRANE AND RUNWAY

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	3 PLACE	± .005		
ANGULAR		± 1/2 °	AH1051-000-P1	CRANE & RUNWAY ARRANGEMENT
FABRICATION TOLERANCES— UNLESS OTHERWISE SPECIFIED			DWG. No	REFERENCE
30°-0" OR LESS = +/- 1/16" OVER 30°-0" = +/- 1/8"			CAD REF.	AH1051-1000-P3

QUANT	ITEM	DESCRIPTION				MAT'L		WT. EA.			
	BILL OF MATERIAL										
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		LINCOLN CORPORATE CENTER 11 VANGUARD DRIVE READING, PA 19606 PHONE (610) 582-7203 FAX (610) 582 7208									
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			DWG. TITLE CRANE AND RUNWAY ARRANGEMENT								
			CUSTOMER								
10/21/09	DATE	DRG.	JLC	CHD	RS	APPD	RS	SCALE	3/16"=1'-0"	DATE	10/21/09
		DRG. NO. AH1051-1000 (PG. 3 OF 3)									REV.