

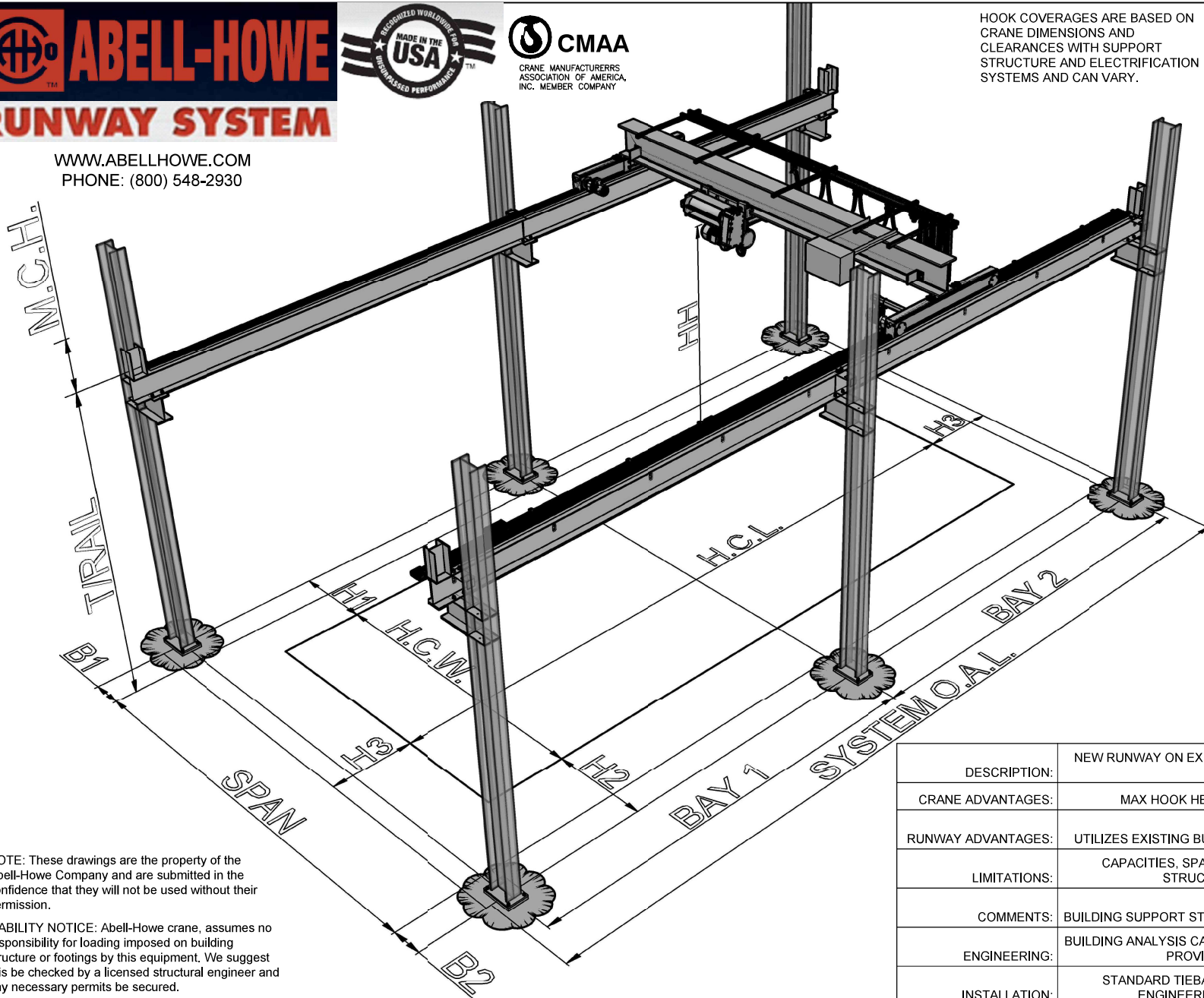
ABELL-HOWE

RUNWAY SYSTEM



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HOOK COVERAGES ARE BASED ON CRANE DIMENSIONS AND CLEARANCES WITH SUPPORT STRUCTURE AND ELECTRIFICATION SYSTEMS AND CAN VARY.



RUNWAY SYSTEM TYPE:	TYPE 1
CRANE TYPE:	TOP RUNNING
TIE BACK TO BUILDING	YES
TYPE OF LATERAL BRACING	TIEBACK
LONGITUDINAL BRACING @ ENDS	MAY BE REQUIRED BASED ON CAPACITY
LONGITUDINAL BRACING @ MID BAYS	MAY BE REQUIRED BASED ON RUNWAY LENGTH
FLANGE BRACING	NO
CRANE FOUNDATION REQ'D	EXISTING BUILDING FOUNDATION REQ'D
SPAN	
B1	
B2	
O.A.W. (OVER ALL WIDTH)	
T/RAIL (TOP OF RAIL)	
M.C.H.(MAX CRANE HEIGHT)	
SYSTEM O.A.L. (OVER ALL LENGTH)	
BAY 1	
BAY 2	
ADDITIONAL BAYS	
HH (HOOK HEIGHT)	
H1	
H2	
H3	
H.C.L. (HOOK COVERAGE LENGTH)	
H.C.W. (HOOK COVERAGE WIDTH)	

NOTE: These drawings are the property of the Abell-Howe Company and are submitted in the confidence that they will not be used without their permission.

LIABILITY NOTICE: Abell-Howe crane, assumes no responsibility for loading imposed on building structure or footings by this equipment. We suggest this be checked by a licensed structural engineer and any necessary permits be secured.

DESCRIPTION:	NEW RUNWAY ON EXISTING HAUNCH TIED BACK TO EXISTING BUILDING COLUMN.
CRANE ADVANTAGES:	MAX HOOK HEIGHT AND CRANE SPAN CAN BE ACHIEVED
RUNWAY ADVANTAGES:	UTILIZES EXISTING BUILDING STRUCTURE TO RESIST LATERAL FORCES
LIMITATIONS:	CAPACITIES, SPANS ARE ONLY LIMITED TO EXISTING BUILDING STRUCTURE STRENGTH AND DIMENSIONS.
COMMENTS:	BUILDING SUPPORT STRUCTURE MUST BE ANALYZED FOR CRANE FORCES
ENGINEERING:	BUILDING ANALYSIS CAN BE PROVIDED BY ABELL-HOWE OR CRANE LOADS PROVIDED TO BUILDING MANUFACTURER
INSTALLATION:	STANDARD TIEBACKS ARE WELDED TO BUILDING STRUCTURE. ENGINEERED CLAMPED TIEBACKS ARE AVAILABLE.