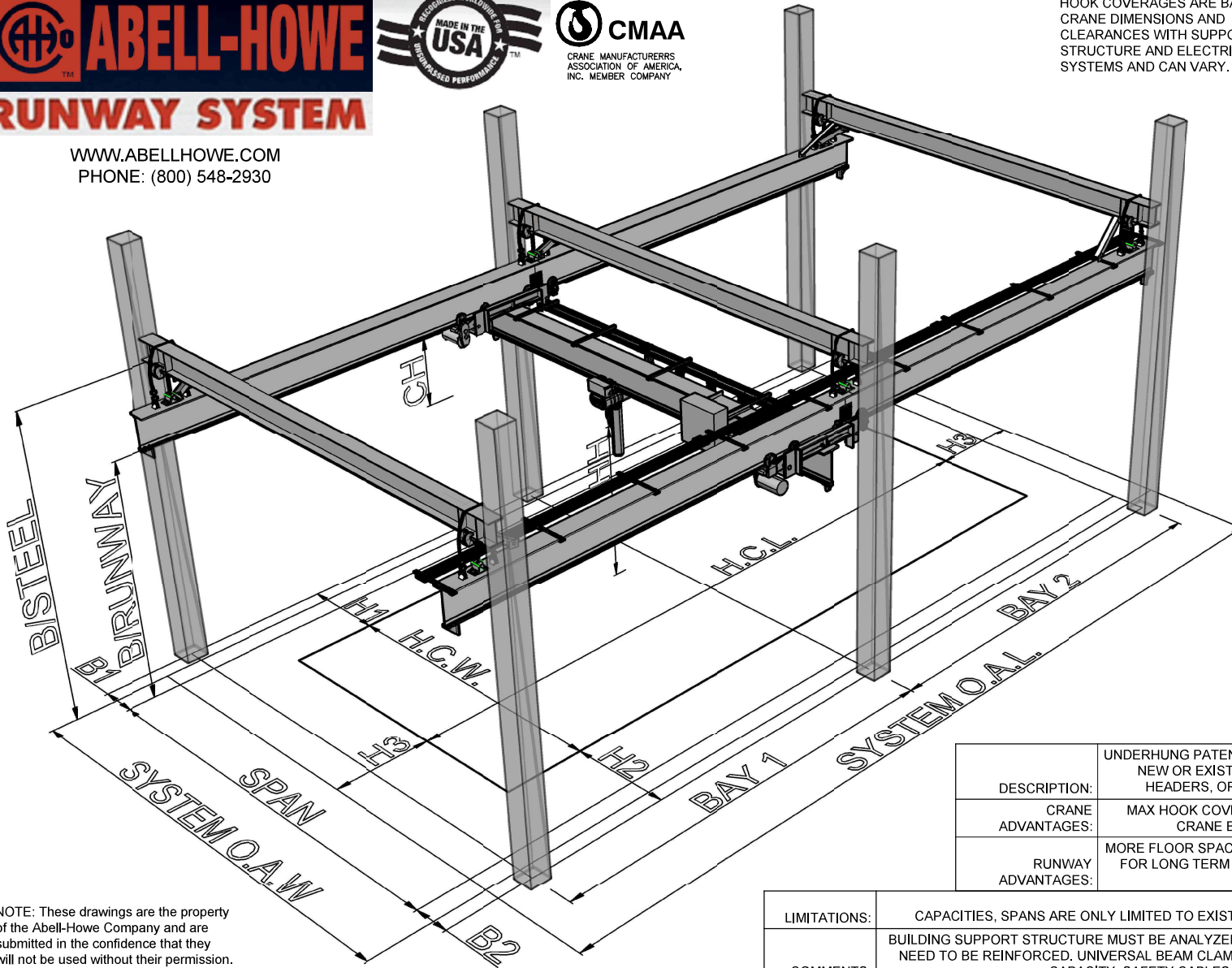


ABELL-HOWE RUNWAY SYSTEM

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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 8C
CRANE TYPE:	UNDERHUNG PATENT TRACK
TIE BACK TO BUILDING	NO
TYPE OF LATERAL BRACING	SWAY BRACE
LONGITUDINAL BRACING @ ENDS	THRUST
LONGITUDINAL BRACING @ MID BAYS	MAY BE REQUIRED BASED ON O.A.L.
FLANGE BRACING	NO
CRANE FOUNDATION REQ'D	NO
SPAN	
B1	
B2	
O.A.W. (OVER ALL WIDTH)	
B/RUNWAY (BOTTOM)	
B/STEEL (BOTTOM)	
C.H.(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)	

DESCRIPTION:	UNDERHUNG PATENT TRACK RUNWAY SINGLE ROD SUSPENSION CONNECTED TO NEW OR EXISTING BUILDING SUPPORT STRUCTURE SUCH AS TRUSSES, HEADERS, OR EXISTING BUILDING FRAMES. FOR LOWER CAPACITIES.
CRANE ADVANTAGES:	MAX HOOK COVERAGE CAN BE ACHIEVED. MANUAL CRANES CAN BE USED. CRANE BEAM CAN BE UNDERCUT FOR MORE HOOK HEIGHT.
RUNWAY ADVANTAGES:	MORE FLOOR SPACE IS ACHIEVED. PATENT TRACK COMPONENTS ARE DESIGNED FOR LONG TERM USE, AND RE-USE. USE OF UNIVERSAL BEAM CLAMPS MAKE INSTALLATION EASIER

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.

LIMITATIONS:	CAPACITIES, SPANS ARE ONLY LIMITED TO EXISTING BUILDING STRUCTURE STRENGTH AND DIMENSIONS.
COMMENTS:	BUILDING SUPPORT STRUCTURE MUST BE ANALYZED FOR CRANE FORCES. BUILDING SUPPORT STRUCTURE MAY NEED TO BE REINFORCED. UNIVERSAL BEAM CLAMP SHOWN ARE FOR SINGLE ROD SUSPENSION WITH LOWER CAPACITY. SAFETY CABLES ARE OPTIONAL BUT RECOMMENDED.
ENGINEERING:	BUILDING STRUCTURE ANALYSIS CAN BE PROVIDED BY ABELL-HOWE OR CRANE LOADS PROVIDED TO BUILDING MANUFACTURER
INSTALLATION:	REQUIRES RUNWAY SPLICE HARDWARE: STANDARD WELDED OR OPTIONAL BOLTED. BRACING IS STANDARD WELDED TO BUILDING STRUCTURE OR ENGINEERED CLAMPS CAN BE PROVIDED.