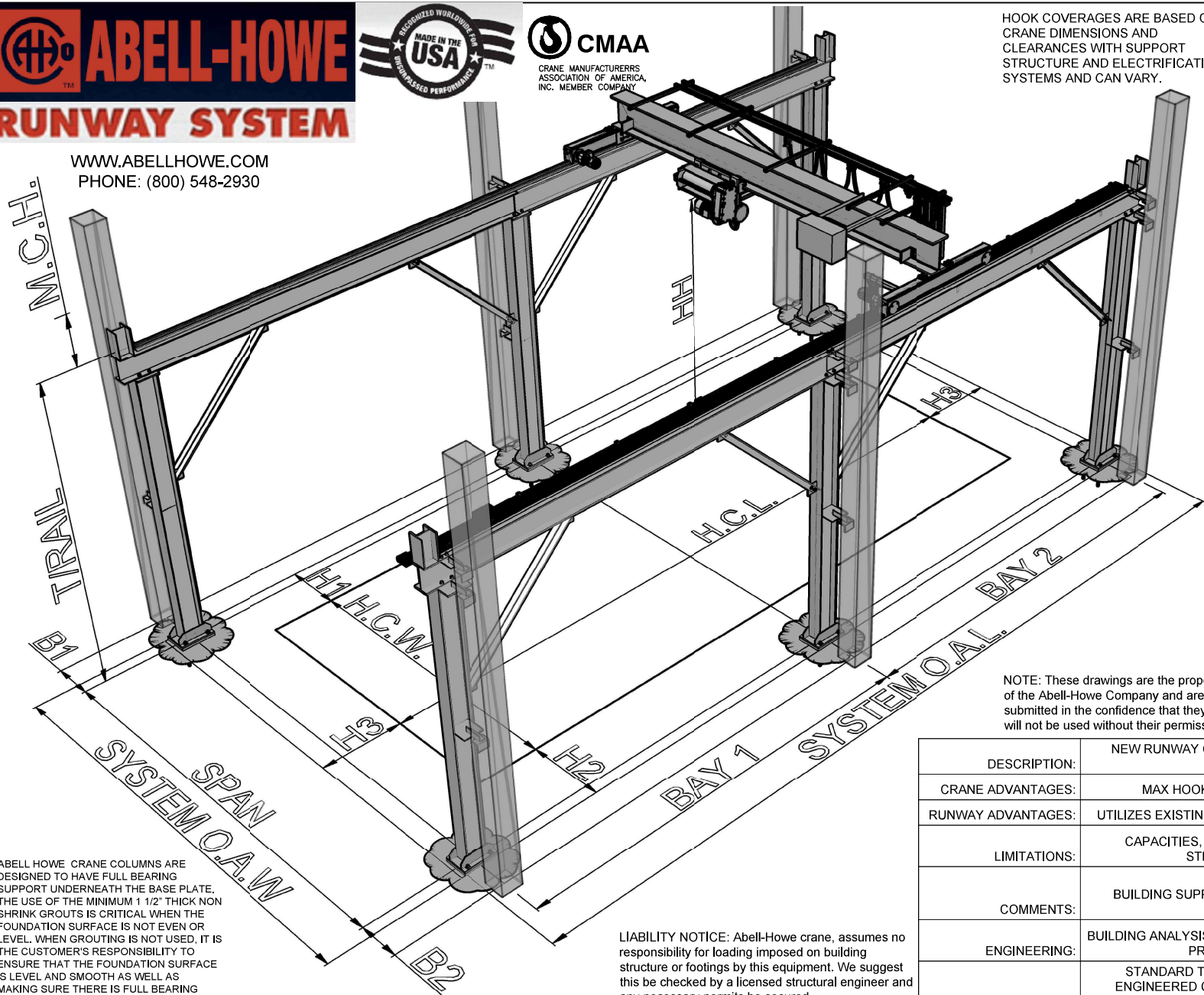


ABELL-HOWE

RUNWAY SYSTEM



WWW.ABELLHOWE.COM
PHONE: (800) 548-2930



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

RUNWAY SYSTEM TYPE:	TYPE 2
CRANE TYPE:	TOP RUNNING
TIE BACK TO BUILDING	YES
TYPE OF LATERAL BRACING	RUNWAY TIEBACK, COLUMN TIEBACK, MID 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	MAY BE REQUIRED BASED ON CAPACITY
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.

ABELL-HOWE CRANE COLUMNS ARE DESIGNED TO HAVE FULL BEARING SUPPORT UNDERNEATH THE BASE PLATE. THE USE OF THE MINIMUM 1 1/2" THICK NON SHRINK GROUTS IS CRITICAL WHEN THE FOUNDATION SURFACE IS NOT EVEN OR LEVEL. WHEN GROUTING IS NOT USED, IT IS THE CUSTOMER'S RESPONSIBILITY TO ENSURE THAT THE FOUNDATION SURFACE IS LEVEL AND SMOOTH AS WELL AS MAKING SURE THERE IS FULL BEARING SUPPORT UNDERNEATH THE BASE PLATE.

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 NEW COLUMN 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 AND FLOOR STRENGTH 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. GROUTING OF COLUMNS IS REQUIRED FOR LEVELING AND FULL BEARING SUPPORT.