ABELL-HOWE

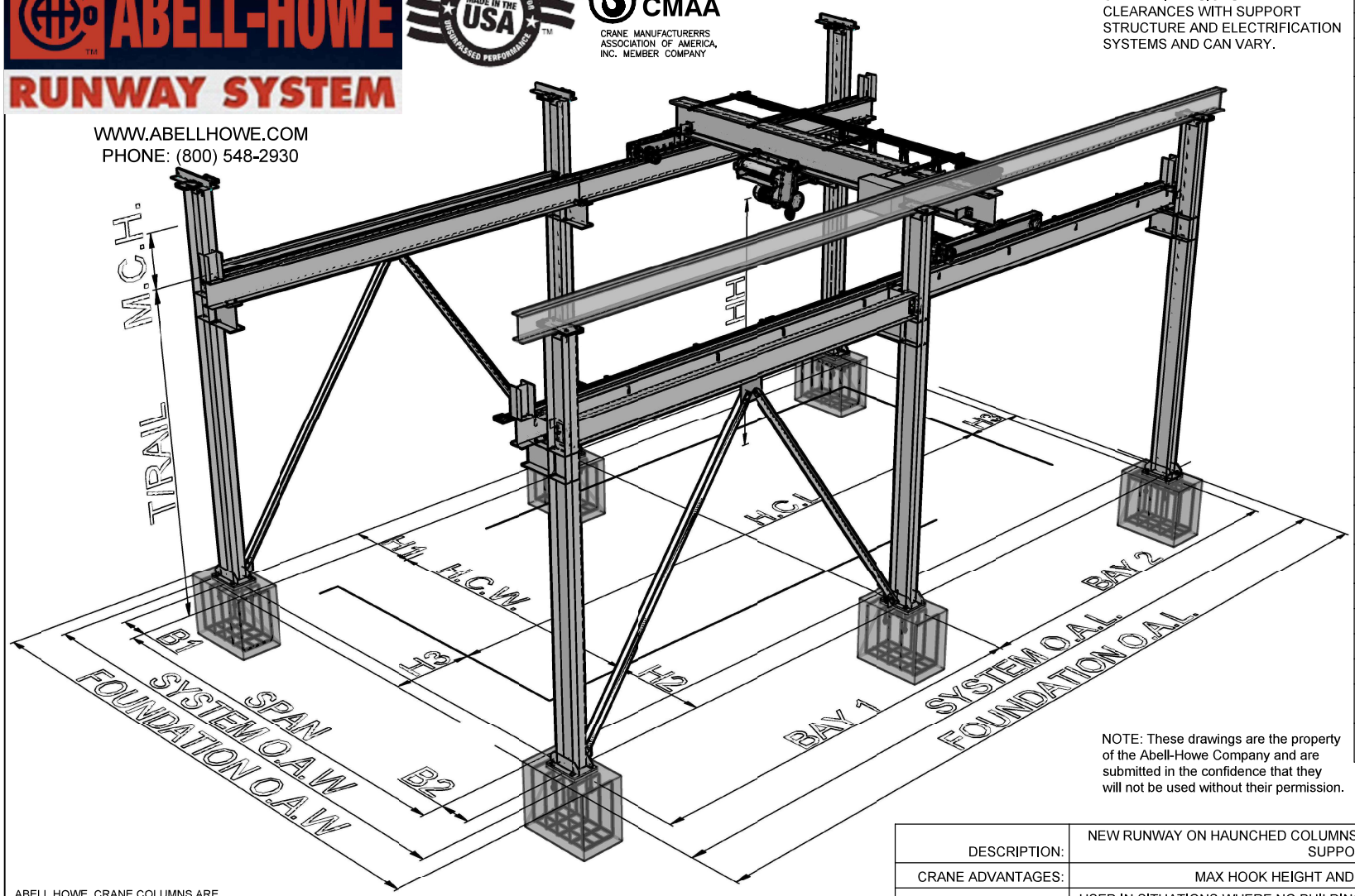
RUNWAY SYSTEM

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

MADE IN THE USA — RECOGNIZED WORLDWIDE FOR UNSURPASSED PERFORMANCE

CMAA
CRANE MANUFACTURERRS ASSOCIATION OF AMERICA, INC. MEMBER COMPANY

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



RUNWAY SYSTEM TYPE:	TYPE 3C
CRANE TYPE:	TOP RUNNING
TIE BACK TO BUILDING	YES
TYPE OF LATERAL BRACING	RUNWAY TIEBACK
LONGITUDINAL BRACING @ ENDS	MAY BE REQUIRED BASED ON CAPACITY
LONGITUDINAL BRACING @ MID BAYS	MAY BE REQUIRED BASED ON RUNWAY LENGTH
FLANGE BRACING	MAY BE REQUIRED
CRANE FOUNDATION REQ'D	YES
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	
FOUNDATION O.A.W. (OVER ALL WIDTH)	
FOUNDATION O.A.L. (OVER ALL LENGTH)	
HH (HOOK HEIGHT)	
H1	
H2	
H3	
H.C.L. (HOOK COVERAGE LENGTH)	
H.C.W. (HOOK COVERAGE WIDTH)	

DESCRIPTION:	NEW RUNWAY ON HAUNCHED COLUMNS CONNECTED TO EXISTING BUILDING OVERHEAD SUPPORT STRUCTURE.
CRANE ADVANTAGES:	MAX HOOK HEIGHT AND CRANE SPAN CAN BE ACHIEVED.
RUNWAY ADVANTAGES:	USED IN SITUATIONS WHERE NO BUILDING COLUMN IS AVAILABLE TO TIEBACK TO. 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:	COLUMN TOP CONNECTIONS ARE CLAMPED AND DESIGNED TO ALLOW FOR DEFLECTION OF BUILDING TRUSS OR SUPPORTING STRUCTURE. GROUTING OF COLUMNS IS REQUIRED FOR LEVELING AND FULL BEARING SUPPORT.

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.