TECHNICAL DATA

SYSTEM CAPACITY	2 TON
CRANE CAPACITY	1 TON
SPAN	1 @ 37'-0", 1 @ 36'-0"
MAX HOOK HEIGHT	11'-11"
HOIST SPEED	15/5.2 FPM 2-SPD
HOIST POWER	2.4 HP
TROLLEY SPEED	65/8 FPM VFD
TROLLEY POWER	.2 HP
BRIDGE SPEED	100 FPM VFD
BRIDGE POWER	2 @ .5 HP
WEIGHT OF TROLLEY	210 LBS
WEIGHT OF BRIDGE	2,792 LBS
CRANE GROUP	CMAA "C"
POWER (VERIFY)	460/3/60
CONTROL	115/1/60
PAINT (CRANE)	SAFETY YELLOW
PAINT (STRUCTURE)	MACHINE GRAY

R&M ELECTRIC CHAIN HOIST

CUSTOMER TO BREAK THROUGH DRYWALL, EXPOSING STEEL BUILDING COLUMNS FOR LATERAL/LONGITUDINAL BRACING. SEE PLAN VIEW FOR 6 LOCATIONS.

8 BUTTON PENDANT STATION FESTOONED FROM CRANE

W12x35# RUNWAYS WITH ASCE 30# RAIL

SAFELEC(2) RUNWAY ELECTRIFICATION

A — 1/4" = 1'-0"
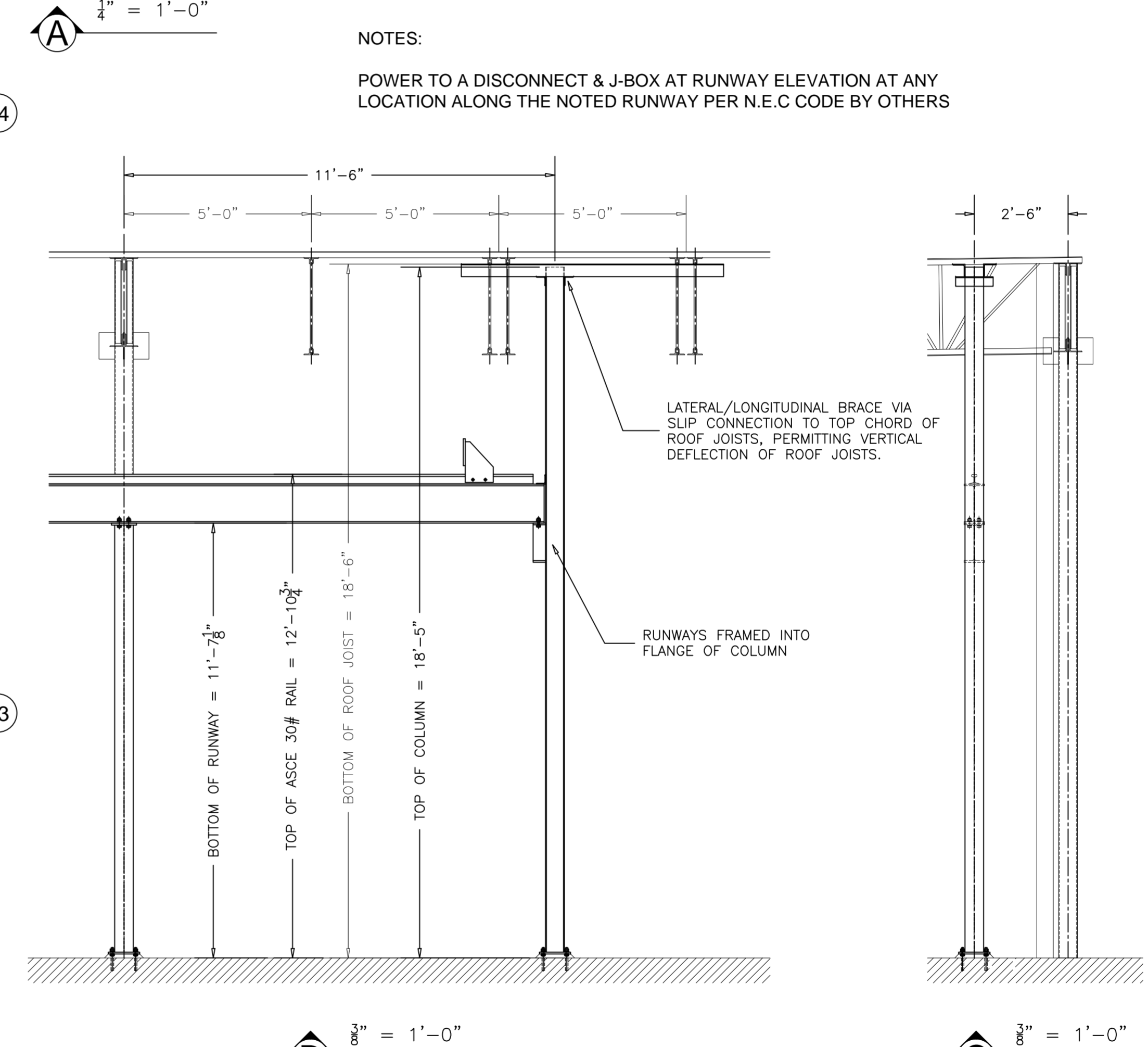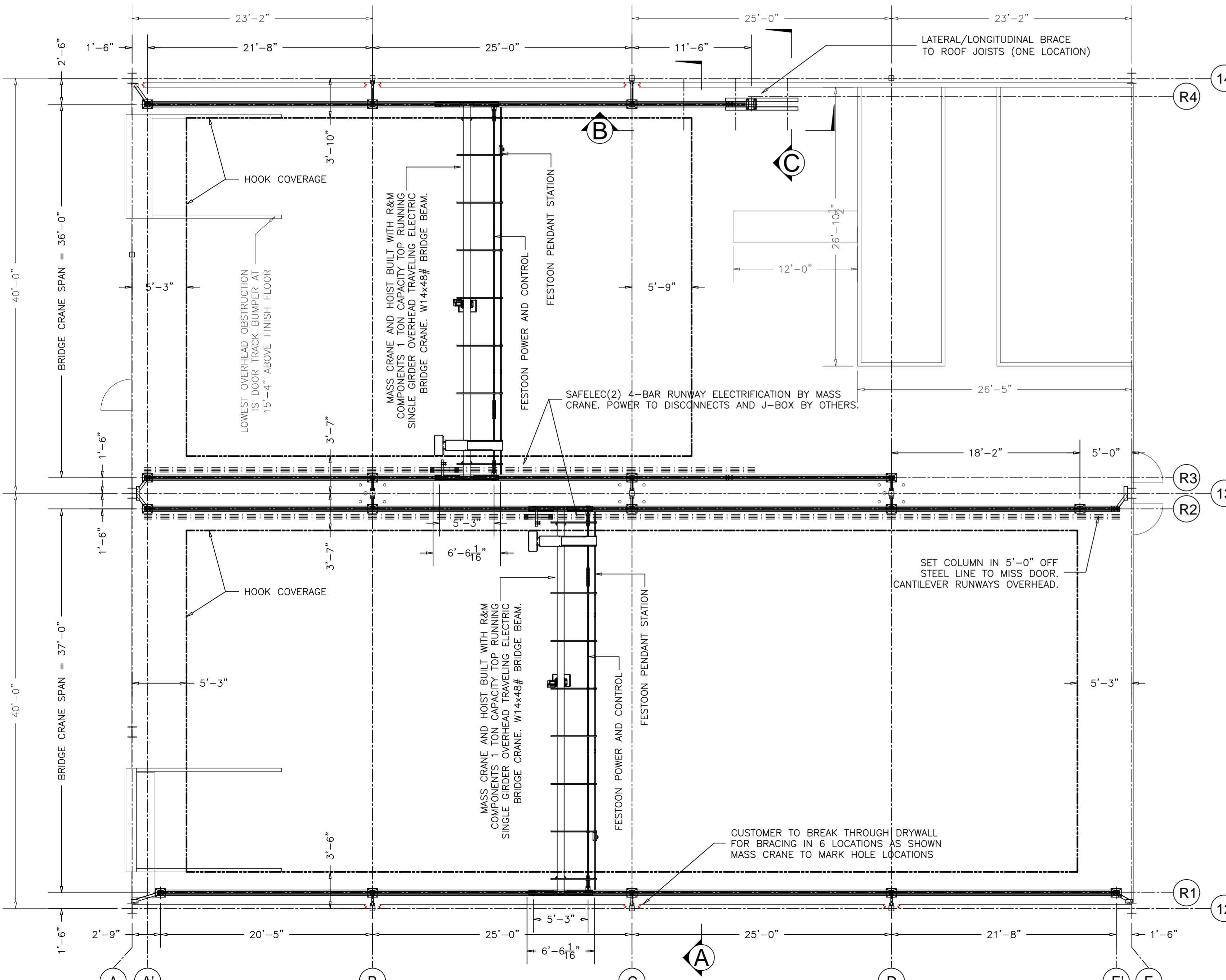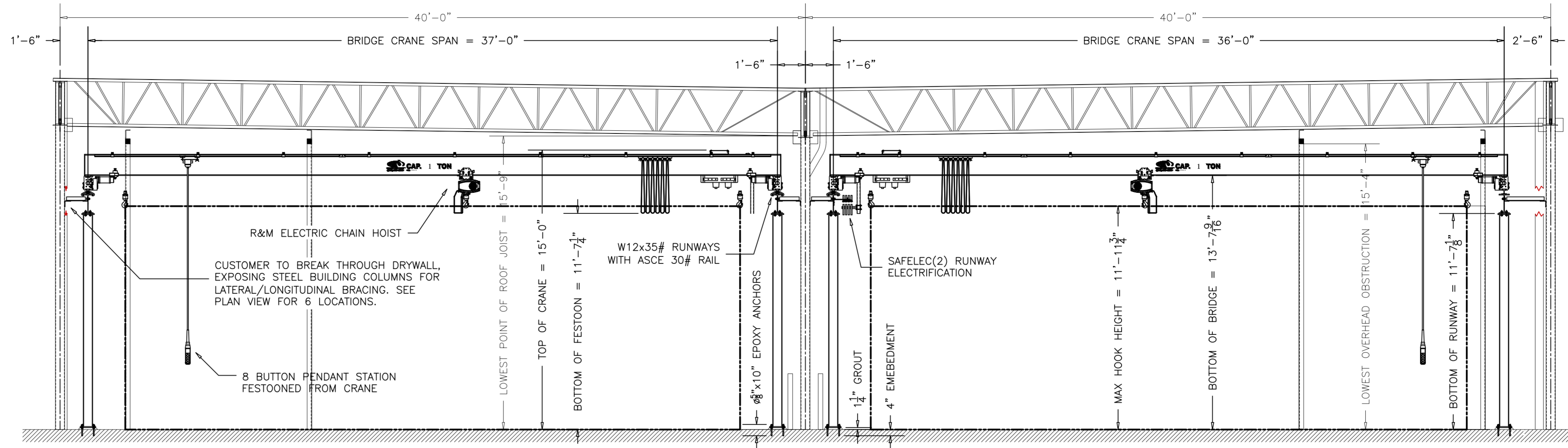
NOTES:

POWER TO A DISCONNECT & J-BOX AT RUNWAY ELEVATION AT ANY LOCATION ALONG THE NOTED RUNWAY PER N.E.C CODE BY OTHERS

LATERAL/LONGITUDINAL BRACE TO ROOF JOISTS (ONE LOCATION)

HOOK COVERAGE

MASS CRANE AND HOIST BUILT WITH R&M COMPONENTS 1 TON CAPACITY TOP RUNNING SINGLE GIRDER OVERHEAD TRAVELING ELECTRIC BRIDGE CRANE. W14x48# BRIDGE BEAM.

FESTOON PENDANT STATION
FESTOON POWER AND CONTROL

SAFELEC(2) 4-BAR RUNWAY ELECTRIFICATION BY MASS CRANE. POWER TO DISCONNECTS AND J-BOX BY OTHERS.

LOWEST OVERHEAD OBSTRUCTION IS DOOR TRACK BUMPER AT 15'-4" ABOVE FINISH FLOOR

SET COLUMN IN 5'-0" OFF STEEL LINE TO MISS DOOR. CANTILEVER RUNWAYS OVERHEAD.

CUSTOMER TO BREAK THROUGH DRYWALL FOR BRACING IN 6 LOCATIONS AS SHOWN MASS CRANE TO MARK HOLE LOCATIONS

LATERAL/LONGITUDINAL BRACE VIA SLIP CONNECTION TO TOP CHORD OF ROOF JOISTS, PERMITTING VERTICAL DEFLECTION OF ROOF JOISTS.

RUNWAYS FRAMED INTO FLANGE OF COLUMN

B — 3/8" = 1'-0"

C — 3/8" = 1'-0"

BRIDGE CRANE PLAN
SCALE— 1:80

MAXIMUM CRANE LOADING

MAX VERTICAL LOAD =	7.36 kips
MAX HORIZONTAL LOAD =	.19 kips
MAX LONGITUDINAL LOAD =	.35 kips

"PRINT FOR APPROVAL"

APPROVED BY:

PRINT NAME:

PROJECT: 2 Ton Runways w/ 1-Ton Bridge Crane Systems

NO.	REVISION	DATE	DRAWN
1	REMOVED REMOTES, NOTED 2 TON CAP.	12/12/14	CMD
2	SHIFTED CRANE COLUMN AT A'1 AND R1 SHIFTED R4 LINE 9', AS-BUILT	2/23/15	CMD

DRAWN CMD

DATE:	
DRAWN BY:	
DESIGNED BY:	
CHECKED BY:	
QC CHECK BY:	
SCALE:	AS NOTED
JOB NUMBER:	

DRAWING NUMBER

S1