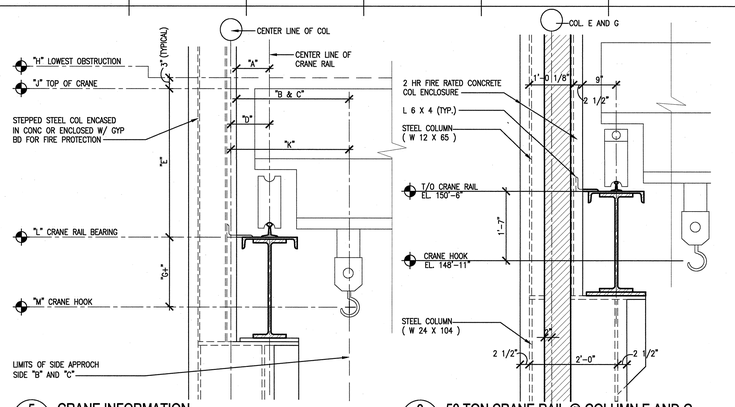
NEXT ASS'Y: FINAL ASS'Y:

BUILDING 8700 - TARGET BUILDING - BRIDGE CRANE INFORMATION

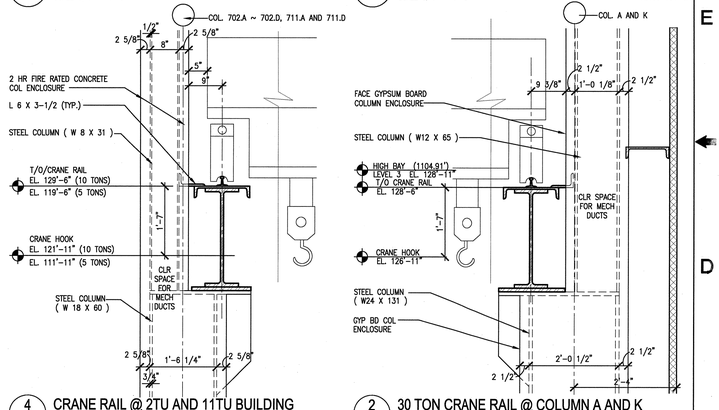
	CRANE NO.	BC-2	BC-3	BC-4	BC-5	BC-6	BC-9
	LOCATION	TARGET BUILDING INSTRUMENT AREA	TARGET BUILDING INSTRUMENT AREA	TARGET BUILDING HIGH BAY	2TU BUILDING INSTRUMENT ENCLOSURE	2TU BUILDING BEAM LINE ENCLOSURE	11TU BUILDING INSTRUMENT ENCLOSURE
	MAXIMUM CAPACITY	30 TONS	30 TONS	50 TONS	10 TONS	5 TONS	10 TONS
A	CENTER CRANE RAIL TO FACE OF COLUMN	10" / 9 3/8"	10" / 9 3/8"	9" / 9"	9" / 9"	9" / 9"	9" / 9"
B	DIMENSION SIDE APPROACH TO FACE OF COLUMN	ENCASEMENT A = 4'-2"	ENCASEMENT A = 4'-2"	ENCASEMENT A = 5'-0"	ENCASEMENT A = 3'-3"	ENCASEMENT A = 3'-6"	ENCASEMENT A = 3'-3"
C	DIMENSION SIDE APPROACH TO FACE OF COLUMN	ENCASEMENT B = 4'-2"	ENCASEMENT B = 4'-2"	ENCASEMENT B = 5'-0"	ENCASEMENT B = 3'-3"	ENCASEMENT B = 3'-10"	ENCASEMENT B = 3'-3"
D	DIMENSION CENTER LINE OF COL TO CENTER LIN OF CRANE RAIL	1'-5 7/8" / 11 3/4"	1'-5 7/8" / 11 3/4"	5" / 5"	10 1/2" / 10 1/2"	10 1/2" / 10 1/2"	10 1/2" / 10 1/2"
E	DIMENSION CRANE RAIL BEARING TO TOP OF CRANE	5'-11"	5'-11"	7'-8"	6'-1"	1'-8"	6'-1"
F	DIMENSION END APPROACH TO FACE OF COLUMN	8'-6"	8'-6"	8'-6"	7'-9"	5'-3"	8'-4"
G	DIMENSION CRANE RAIL BEARING TO HOOK HEIGHT	1'-7"	1'-7"	4"	-7"	16"	-7"
H	ELEVATION LOWEST OBSTRUCTION ABOVE CRANE	134'-8"	134'-8"	162'-2"	127'-8"	115'-2"	134'-8"
J	ELEVATION TOP OF CRANE	134'-5"	134'-5"	161'-11"	127'-5"	114'-11"	134'-5"
K	DIMENSION CENTER LINE OF COL TO CRANE COVERAGE	4'-9 7/8" / 4'-4 3/8"	4'-9 7/8" / 4'-4 3/8"	4'-8" / 4'-8"	3'-4 1/2" / 3'-4 1/2"	3'-7 1/2" / 3'-11 1/2"	3'-4 1/2" / 3'-4 1/2"
L	ELEVATION CRANE RAIL BEARING	128'-6"	128'-6"	154'-3"	121'-4"	113'-3"	128'-4"
M	ELEVATION OF HOOK HEIGHT	126'-11"	126'-11"	153'-11"	121'-11"	111'-11"	128'-11"



5 A9.30.31 CRANE INFORMATION — NOT TO SCALE — ADT051006-5A

3 A9.30.31 50 TON CRANE RAIL @ COLUMN E AND G — SCALE 3/4" = 1'-0 — ADT051004-5A

1 A9.30.31 30 TON CRANE RAIL @ COLUMN E AND G — SCALE 3/4" = 1'-0 — ADT051001-5A



4 A9.30.31 CRANE RAIL @ 2TU AND 11TU BUILDING — SCALE 3/4" = 1'-0 — ADT051005-5A

2 A9.30.31 30 TON CRANE RAIL @ COLUMN A AND K — SCALE 3/4" = 1'-0 — ADT051002-5A

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SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY

CHANGE CONTROL SYSTEM 3

ENGINEERING PROCEDURE SNS-ENG-G001

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGED REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT	DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE	ST	CV	EC	EE	EM	IE	M	PD	SE	AR
0				CERTIFIED FOR CONSTRUCTION – 10/26/01	MBB	ED				11/15/01	RPP	11/15/01				11/26/01	RLB	102104	10/26/01	REW	–	WRS	AK	WRS	BWJ	–	MP	–	ED

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE: ROBERT L. BARNES, REGISTERED ARCHITECT, NO. 102104, STATE OF TENNESSEE — 26OCT01

DSN	M. BRADLEY	10/26/01
DRW	M. GRANADOS	10/26/01
CHK	E.DENSON	10/26/01
DEPT		
PE		11/15/01
PJ		11/15/01
REQ		
UTB		11/15/01

REV. DATE — DRAWING APPROVALS

108030700-A8E-8700-A121

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PROJECT NAME:
SPALLATION NEUTRON SOURCE

TARGET BUILDING
TARGET, 2TU AND 11TU BUILDINGS
CRANE INFORMATION

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	A	X	X	8	8700		1	1	U	
51	52	53		WBS						REV
NC	NA			1.8.3.7						0

A9.30.31

Date: 10/29/2001 Time: 14:45:01
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