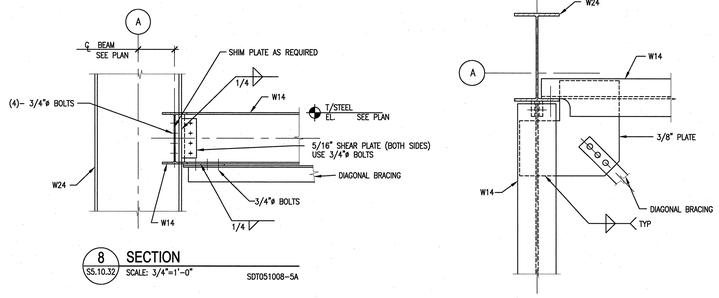
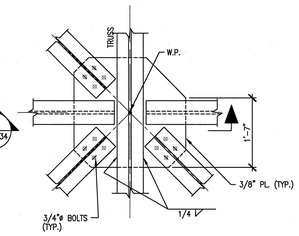
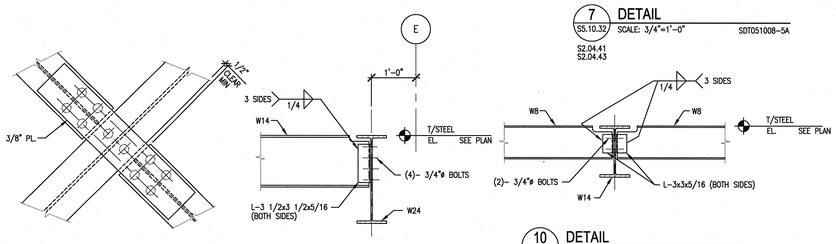


8 SECTION
S5.10.32 SCALE: 3/4"=1'-0" SDT051008-5A

7 DETAIL
S5.10.32 SCALE: 3/4"=1'-0" SDT051008-5A
S2.04.41 S2.04.43



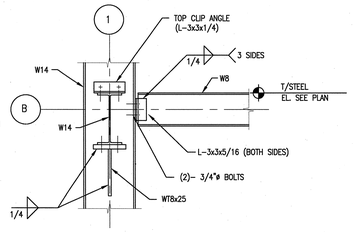
6 TYPICAL BOTTOM CHORD BRACING CONNECTION DETAIL
S2.04.43 SCALE: NONE SDT051008-5A
S2.04.41 S2.04.49
S2.04.44
S2.04.46
S2.04.47



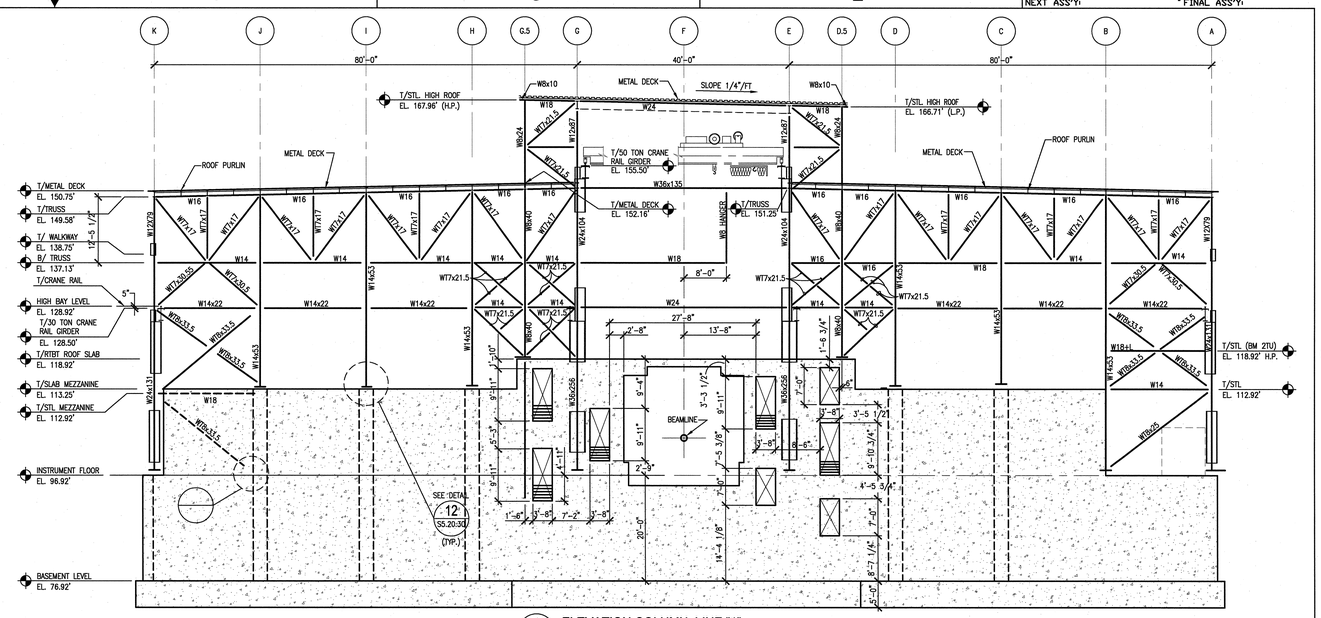
12 CROSS BRACE CONNECTION
S2.04.43 SCALE : NONE SDT051008-5A
S2.04.41 S2.04.46
S2.04.44 S2.04.49
S2.09.44 S2.09.41
S2.04.47 S2.09.42

11 DETAIL
S5.10.32 SCALE: 3/4"=1'-0" SDT051008-5A

10 DETAIL
S5.10.32 SCALE: 3/4"=1'-0" SDT051008-5A

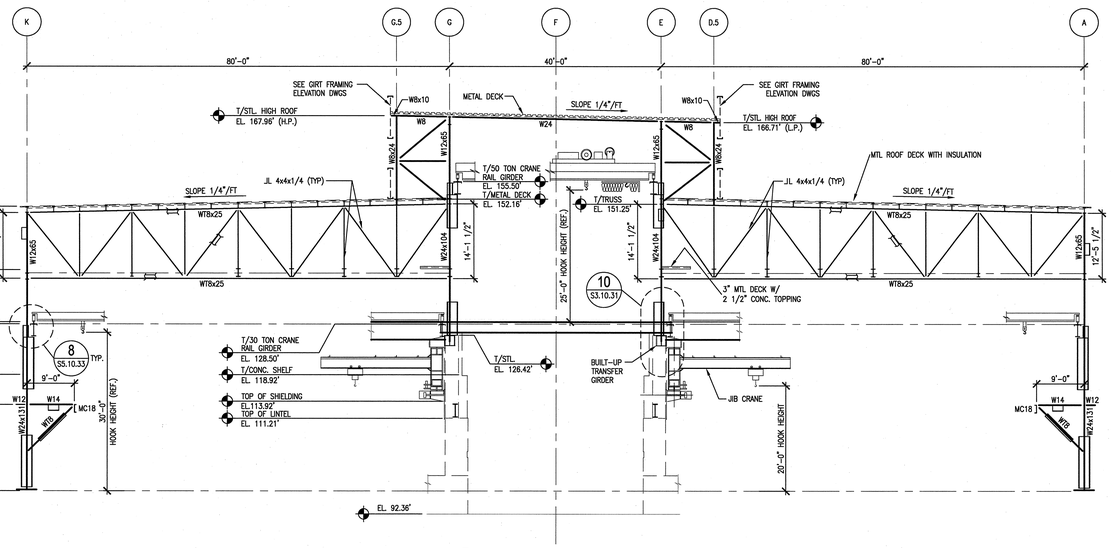


9 SECTION
S5.10.32 SCALE: 3/4"=1'-0" SDT051008-5A



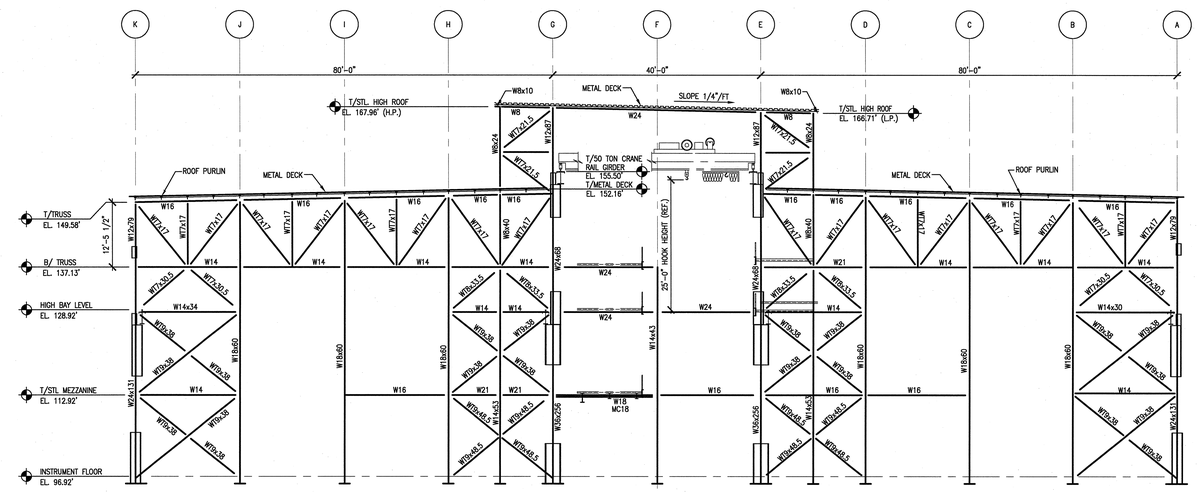
1 ELEVATION COLUMN LINE "1"
S5.10.32 SCALE: 3/32"=1'-0" SEL000-5A

NOTE: FOR CONCRETE ENCASEMENT OF COLUMS SEE SECTION 2/S5.10.34



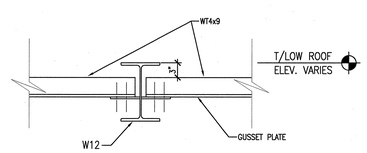
13 ELEVATION COLUMN LINE "5"
S5.10.32 SCALE: 3/32"=1'-0" SEL000-5A

NOTE: FOR CONCRETE ENCASEMENT OF COLUMS SEE SECTION 2/S5.10.34

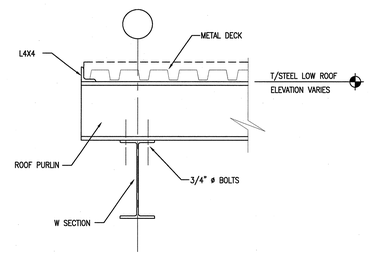


2 ELEVATION COLUMN LINE "15"
S5.10.32 SCALE: 3/32"=1'-0" SEL000-5A

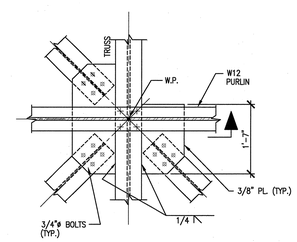
NOTE: FOR CONCRETE ENCASEMENT OF COLUMS SEE SECTION 2/S5.10.34



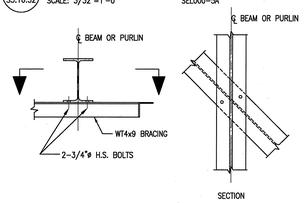
15 SECTION THRU LOW ROOF
S5.10.32 SCALE : 1"=1'-0" SDT051035-5A



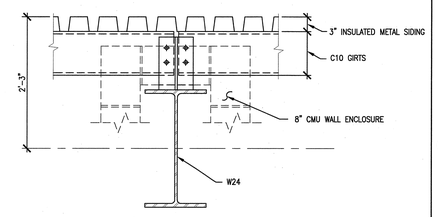
14 SECTION THRU LOW ROOF
S2.09.41 SCALE : 1"=1'-0" SDT051034-5A
S2.09.41
S2.09.47
S2.09.43
S2.09.49



5 TYPICAL TOP CHORD BRACING CONNECTION DETAIL
S5.10.32 SCALE: NONE SDT051008-5A
S2.09.41 S2.09.46
S2.09.42 S2.09.47
S2.09.43 S2.09.48
S2.09.44 S2.09.49
S2.09.45



4 TYPICAL BRACING TO BEAM
S5.10.32 SCALE: NONE SDT051008-5A
S2.09.41 S2.09.46
S2.09.42 S2.09.47
S2.09.43 S2.09.48
S2.09.44 S2.09.49
S2.09.45



3 PLAN - DETAIL @ EXTERIOR COLUMN / ENCLOSURE / GIRT SYSTEM
S5.10.32 SCALE: 1"=1'-0" SDT033022-5A
S5.10.30

SCALE 1" = 1'-0"
SCALE: 3/4" = 1'-0"
SCALE: 3/32" = 1'-0"

108030700-S8E-8700-A083

Knight Jacobs
Knight/Jacobs Joint Venture
701 Scarboro Road, MS 8253
Oak Ridge, TN 37830
865-241-9433
fax 865-241-3400
KNIGHT
Knight Advanced Technology
540 West Randolph Street
Chicago, IL 60661

UT-BATTELLE
Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under
U.S. GOVERNMENT contract DE-AC05-00OR22725
UT-BATTELLE, LLC. ◇ Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE

TARGET BUILDING
COLUMN LINES "1", "5" AND "15"
STEEL ELEVATIONS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	S	X	X	8	8700		1	1	S	U
51		52		53						REV
NC		NA			WBS 1.8.3.7		S5.10.32			0

DSN	G. REDDY	10/26/01
DRW	G.MARSZALEK	10/26/01
CHK	R.WALKINGTON	10/26/01
DEPT		
PE		11/2/01
PJ		11/2/01
REQ		
REV. 0	DATE 10/26/01 UTB	11/2/01

RPE
JOHN BUSCH REGISTERED ENGINEER AGRICULTURE COLORADO OWEN COUNTY NO. 23236 STATE OF TENNESSEE

DRAWING APPROVALS

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST NUMBER	DESCRIPTION	DSN	CHK	DEPT
0				CERTIFIED FOR CONSTRUCTION – 10/26/01	GPR	REW	

REVISION OR ISSUE PURPOSE

DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
		11/5/01		11/2/01		11/2/01		11/2/01	JJB	23236	10/26/01

REVISION APPROVALS

REW	–	WRS	AK	WRS	BWJ	–	MP	–	ED
ST	CV	EC	EE	EM	IE	M	PD	SE	AR

SQUAD CHECK

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE NOT TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

NUMBER OF SECTION OR DETAIL
DRAWING ON WHICH SECTION OR DETAIL IS SHOWN OR TAKEN
SECTION AND DETAIL KEY

THIS DOCUMENT CONTROLLED BY
CHANGE CONTROL SYSTEM 3
ENGINEERING PROCEDURE SNS-ENG-G001

Date: 10/26/2001 Time: 13:10:11
Username: GRAMTE
C:\PJ_JOB\PRAGERTO\1000\700_CADD\NOK_SAT\NS_PLUT\S10-10-32.DWG