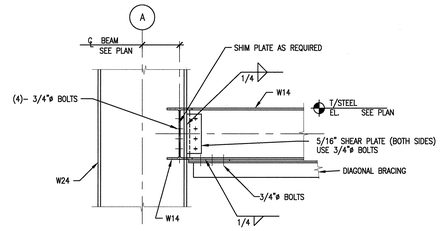
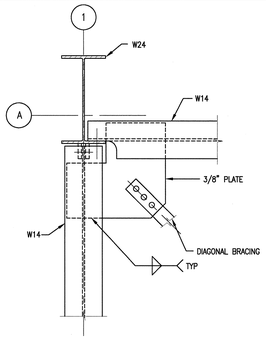
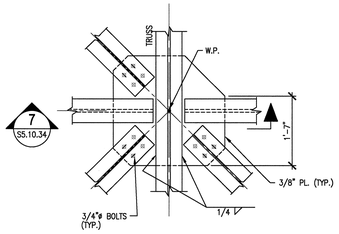


8 S5.10.32 SECTION SCALE: 3/4"=1'-0" SDT051008-5A



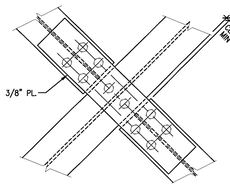
7 S5.10.32 DETAIL SCALE: 3/4"=1'-0" SDT051008-5A

S2.04.41 S2.04.43



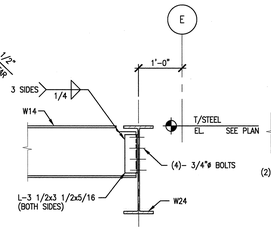
6 S2.04.43 TYPICAL BOTTOM CHORD BRACING CONNECTION DETAIL SCALE: NONE SDT051008-5A

S2.04.41 S2.04.49
S2.04.44
S2.04.46
S2.04.47

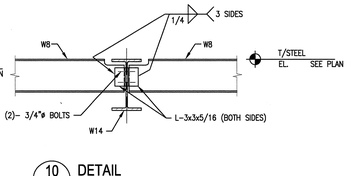


12 S2.04.43 CROSS BRACE CONNECTION SCALE : NONE SDT051008-5A

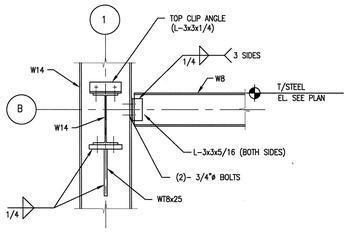
S2.04.41 S2.04.46
S2.04.44 S2.04.49
S2.09.44 S2.09.41
S2.04.47 S2.09.42



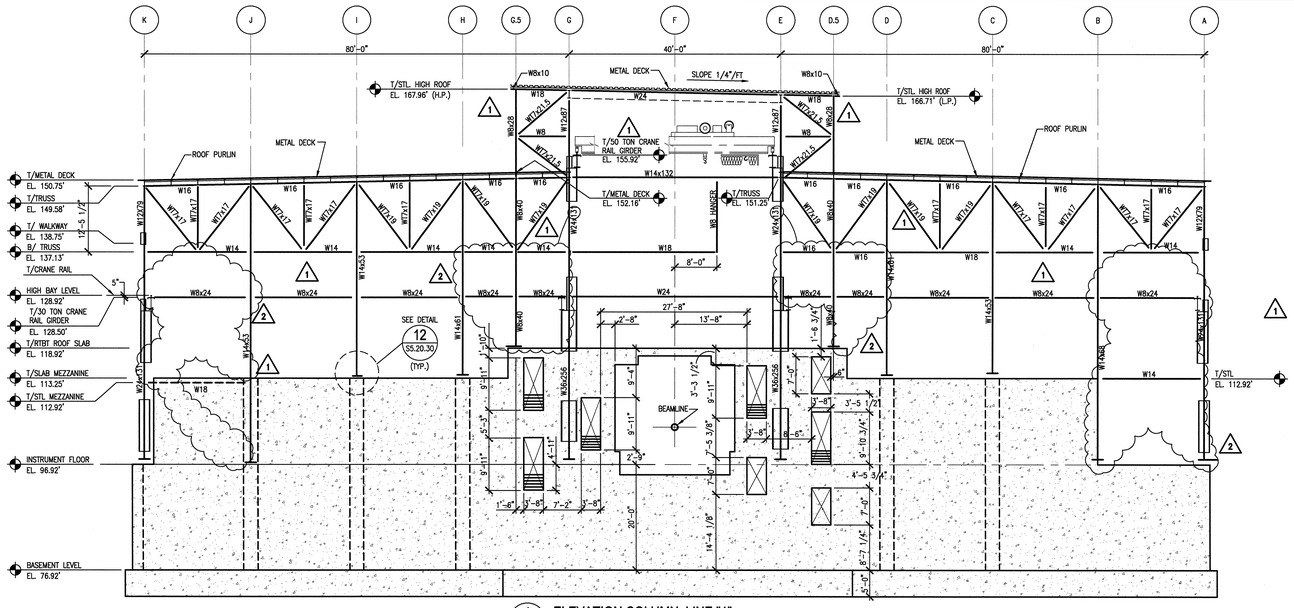
11 S5.10.32 DETAIL SCALE: 3/4"=1'-0" SDT051008-5A



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

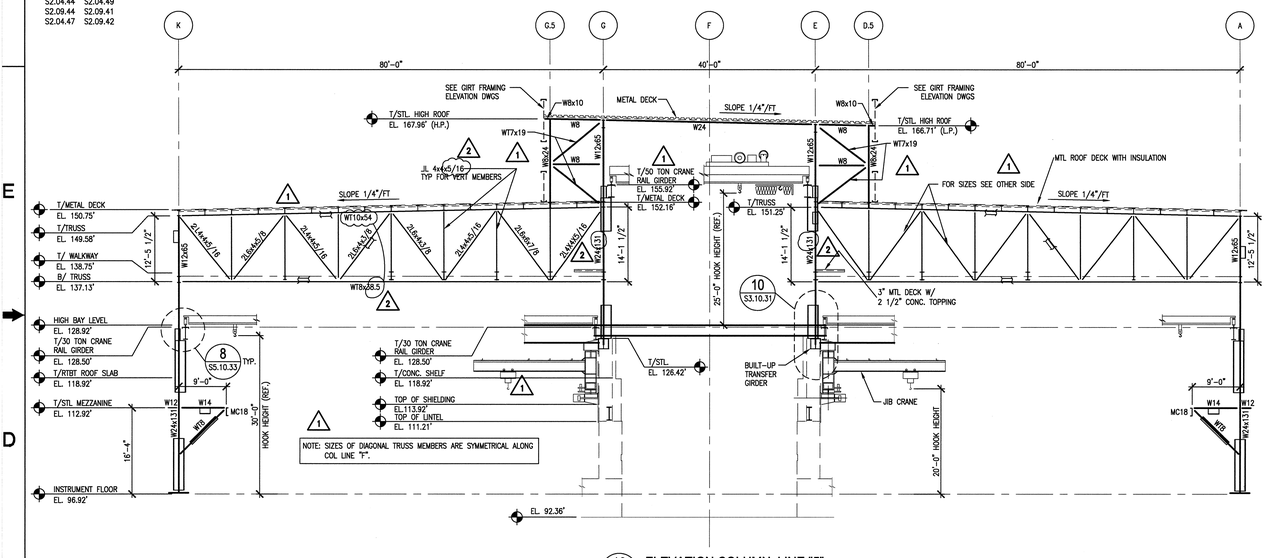


9 S5.10.32 SECTION SCALE: 3/4"=1'-0" SDT051008-5A



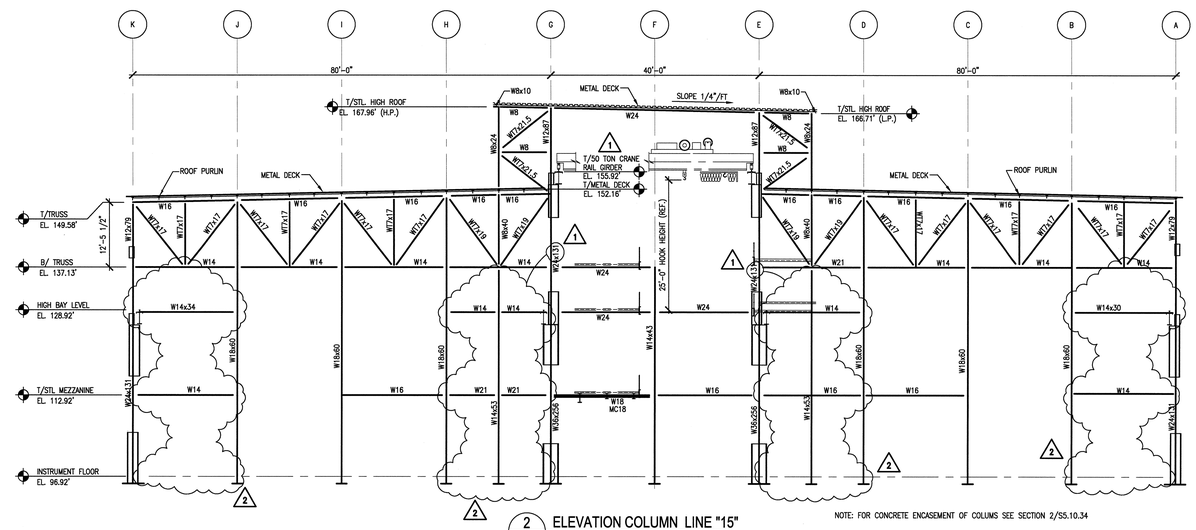
1 S5.10.32 ELEVATION COLUMN LINE "1" SCALE: 3/32"=1'-0" SEL004-5A

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



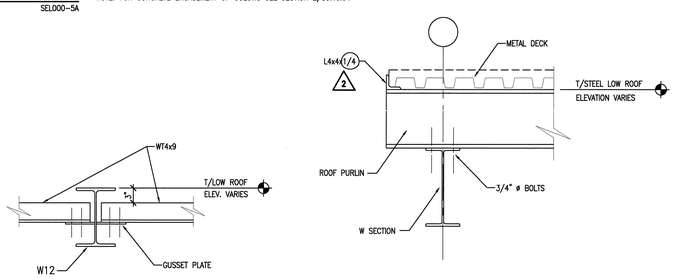
13 S5.10.32 ELEVATION COLUMN LINE "5" SCALE: 3/32"=1'-0" SEL000-5A

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



2 S5.10.32 ELEVATION COLUMN LINE "15" SCALE: 3/32"=1'-0" SEL004-5A

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

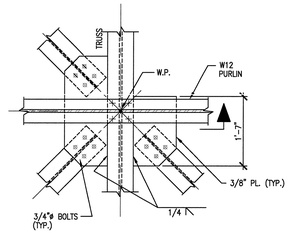


14 S2.09.41 SECTION THRU LOW ROOF SCALE : 1"=1'-0" SDT051034-5A

S2.09.41
S2.09.47
S2.09.43
S2.09.49

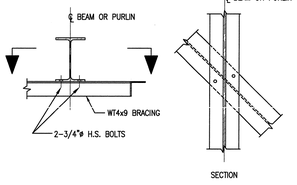
15 S5.10.32 SECTION THRU LOW ROOF SCALE : 1"=1'-0" SDT051035-5A

19 S5.10.35



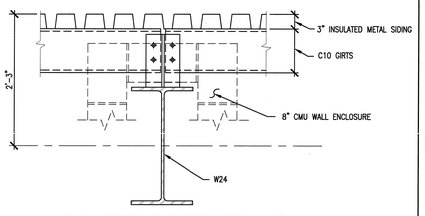
5 S5.10.32 TYPICAL TOP CHORD BRACING CONNECTION DETAIL SCALE: NONE SDT051008-5A

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 S5.10.32 TYPICAL BRACING TO BEAM 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 S5.10.32 PLAN - DETAIL @ EXTERIOR COLUMN / ENCLOSURE / GIRT SYSTEM 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 Joint Venture
701 Scarboro Road, MS 8253
Oak Ridge, TN 37830
865-241-9433
fax 865-241-3400

KNIGHT
Knight Advanced Technology
543 West Randolph St.
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	WBS					REV
NC		NA			1.8.3.7		S5.10.32			2

REV	CHANGE "FIRE"	CHANGE CONTROL SYSTEM	CHANGE 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
2	A	3	22	DCN T5-022 – 4/3/02	GPR	REW		1/12	4/02	RAP	4/4/02				JJB		23236	4/3/02		GPR	–	–	–	–	–	–	–	–	–
1	A	3	18	DCN T5-018 – 03/01/02	GPR	REW		CLG	3/2	RAD	3/7				JJB		23236	3/1/02		GPR	–	–	–	–	–	–	–	–	–
0				CERTIFIED FOR CONSTRUCTION – 10/26/01	GPR	REW		CLG	11/15	RAD	11/13				JJB		23236	10/26/0		REW	–	WRS	AK	WRS	BWJ	–	MP	–	ED

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE		
	DSN G. REDDY	10/26/01
	DRW G.MARSZALEK	10/26/01
	CHK R.WALKINGTON	10/26/01
	DEPT	
	PE C. GARREN	11/15/01
	PJ R. DEAN	11/13/01
	REQ	
REV. 2 DATE 4/03/02	UTB J. LAWSON	11/13/01

DRAWING APPROVALS

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: 04/03/2002 Time: 14:40:30
Username: WARSZALEKGJ
DN:P:\R22PROJECTS\TARGET\TGT08_DWGS\S8E_S8F\S8E_PLOT\S5-10-32.DWG