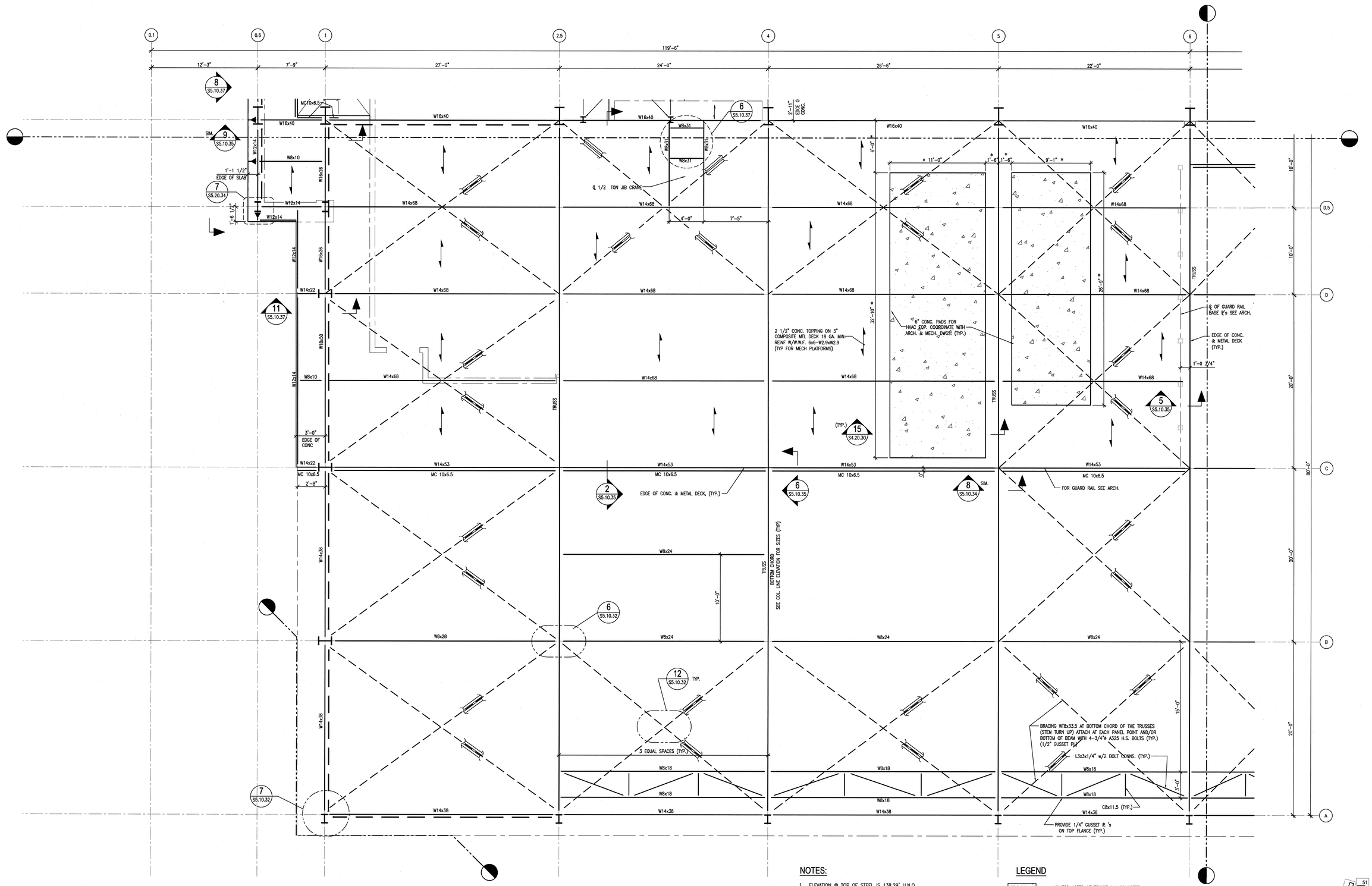
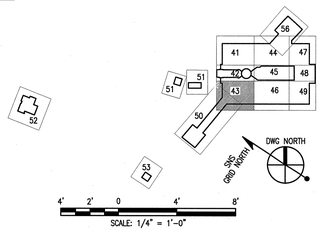


NOTES:

1. ELEVATION @ TOP OF STEEL IS 138.29' U.N.O.
   @ FLOOR FRAMING ONLY. FOR TRUSS BOTTOM CHORD ELEVATION, SEE ELEVATION DRAWINGS S5.10.32, 33 & 34.
2. ELEVATION @ TOP OF CONCRETE IS 138.75' U.N.O.
3. VERIFY HOUSEKEEPING PAD DIMENSIONS WITH VENDOR REQUIREMENTS.
4. SEE STRUCTURAL NOTES ON SHT. S0.10.30
5. FOR COLUMN BASE PLATES SEE SCHEDULE ON DRAWING S5.20.30.
6. (X)— INDICATES SLEEVE PENETRATION. SEE TYPICAL DETAIL 14/S4.20.31. FOR SCHEDULE SEE :
   (E) ELECTRICAL DRAWING E9.40.30
   (P) PLUMBING DRAWING P9.10.30, P6.10.03, P2.B1.43
   (U) UTILITIES DRAWINGS U6.10.10, U9.10.40, & J8E8700G090.
   (H) HVAC DRAWING H9.10.31
7. ALL STEEL BEAMS BELOW CONCRETE SLAB SHALL HAVE 3/4" DIA x 4" LONG SHEAR STUDS @ 18" O.C.
8. * INDICATES THAT DIMENSION IS TO BE VERIFIED BEFORE INSTALLATION. SEE ARCH. & MECH. DWGS FOR ADDITIONAL INFORMATION.
9. TS4x4x3/8 WELDED STEEL FRAME FROM MECHANICAL PLATFORM TO LOW ROOF ABOVE. SEE 2/A3.30.36. 1/2"x8"x8" BASE PLATE W/ 4-5/8" STL. EXP ANCHORS AT EACH TS4.

LEGEND

- UNLESS NOTED OTHERWISE ALL CONCRETE IS REGULAR WEIGHT (145 PCF)
- INDICATES STRUCTURAL SLAB
- DENOTES BRACING LOCATION
- INDICATES MOMENT CONNECTION



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

108030700-S8E-8700-A043

Knight Jacobs SNC

KnightJacobs Joint Venture
701 Scarboro Road, MS 8253
Oak Ridge, TN 37830
865-241-9433
fax 865-241-3400

KNIGHT
Knight Advanced Technology
549 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
MECHANICAL PLATFORM, TRUSS LEVEL
LEVEL 4, SECTOR 43

1	48	49	50	PLANT	BLDG	FL.	SH.	OF	TYPE	CLASS
3	S	X	X	8	8700		1	1	P	U

51	52	53	WBS		REV
NC	NA		1.8.3.7	S2.04.43	0

DSN	G. REDDY	10/26/01
DRW	G.MARSZALEK	10/26/01
CHK	R.WALKINGTON	10/26/01
DEPT		
PE		11/15/01
PJ		11/21/01
REQ		
UTB		11/21/01

RPE

JOHN BUSCH
REGISTERED ENGINEER
AGRICULTURE
COMMERCE
No. 23236
STATE OF TENNESSEE

REV. 0 DATE 10/26/01

DRAWING APPROVALS

REV	CHANGE TYPE	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
0				CERTIFIED FOR CONSTRUCTION – 10/26/01	GPR	REW		11/15/01		11/15/01	RAW	11/21/01				11/15/01	JJB	23236	10/26/01	REW	–	WRS	AK	WRS	EWJ	–	MP	–	ED

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — 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: 12:35:33
User: GARSZALEKGM
CAD: J:\PROJECTS\TS\DWG\TGS_CADD\TGS_MA\TGS_PLOT\S2-04-43.DWG