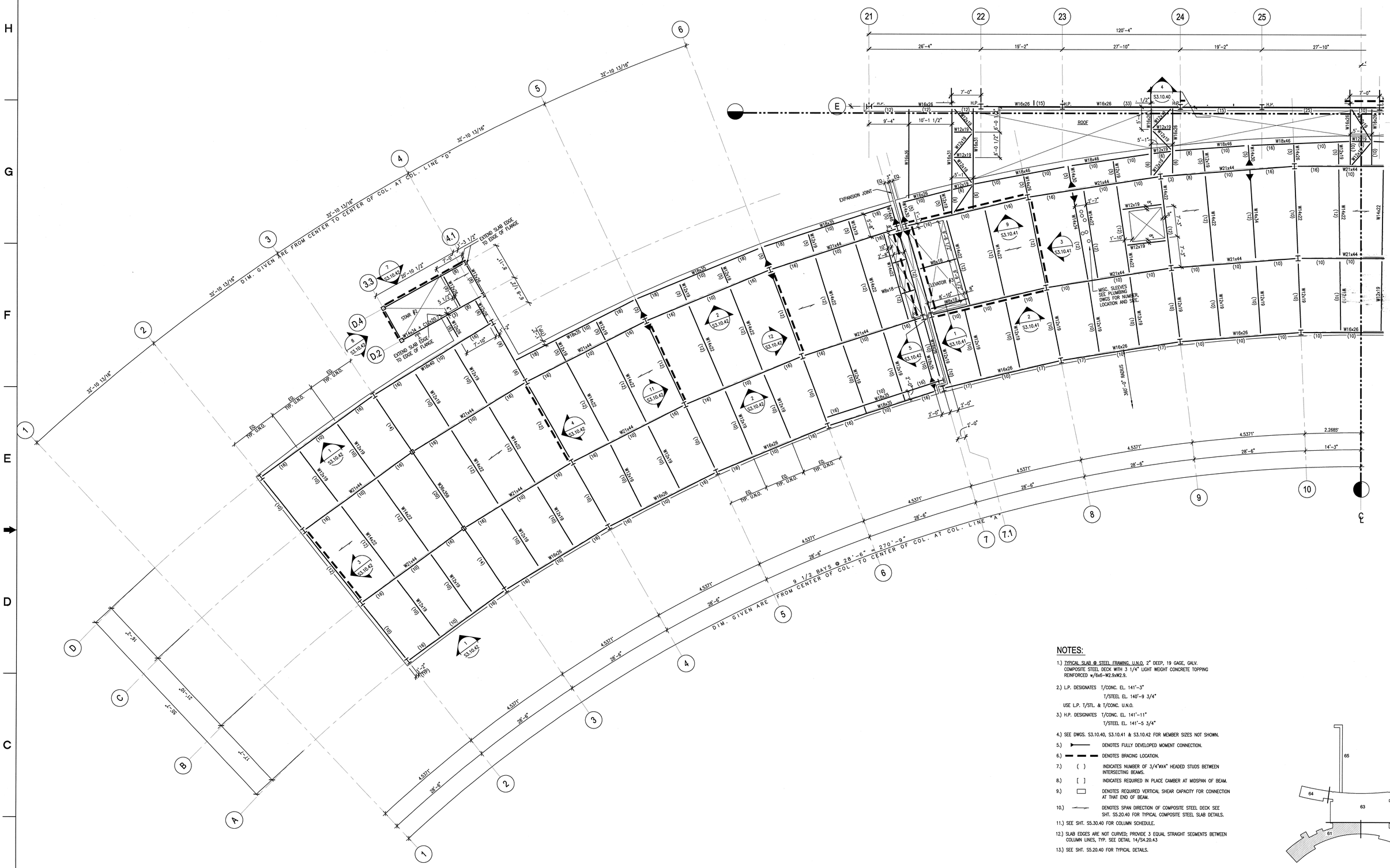


NOTES:

1.) TYPICAL SLAB @ STEEL FRAMING, U.N.O. 2" DEEP, 19 GAGE, GALV. COMPOSITE STEEL DECK WITH 3 1/4" LIGHT WEIGHT CONCRETE TOPPING REINFORCED w/6x6-W2.9xW2.9.

2.) L.P. DESIGNATES T/CONC. EL. 141'-3"
T/STEEL EL. 140'-9 3/4"
USE L.P. T/STL. & T/CONC. U.N.O.

3.) H.P. DESIGNATES T/CONC. EL. 141'-11"
T/STEEL EL. 141'-5 3/4"

4.) SEE DWGS. S3.10.40, S3.10.41 & S3.10.42 FOR MEMBER SIZES NOT SHOWN.

5.) DENOTES FULLY DEVELOPED MOMENT CONNECTION.

6.) DENOTES BRACING LOCATION.

7.) ( ) INDICATES NUMBER OF 3/4"ØX4" HEADED STUDS BETWEEN INTERSECTING BEAMS.

8.) [ ] INDICATES REQUIRED IN PLACE CAMBER AT MIDSPAN OF BEAM.

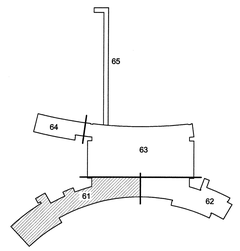
9.) DENOTES REQUIRED VERTICAL SHEAR CAPACITY FOR CONNECTION AT THAT END OF BEAM.

10.) DENOTES SPAN DIRECTION OF COMPOSITE STEEL DECK SEE SHT. S5.20.40 FOR TYPICAL COMPOSITE STEEL SLAB DETAILS.

11.) SEE SHT. S5.30.40 FOR COLUMN SCHEDULE.

12.) SLAB EDGES ARE NOT CURVED; PROVIDE 3 EQUAL STRAIGHT SEGMENTS BETWEEN COLUMN LINES, TYP. SEE DETAIL 14/S4.20.43

13.) SEE SHT. S5.20.40 FOR TYPICAL DETAILS.



SYS. NORTH
GRID NORTH
DWG NORTH
8' 4' 0 8' 16'
SCALE: 1/8" = 1'-0"

108031400-S8E-8600-A037

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managed for the DEPARTMENT OF ENERGY under
U.S. GOVERNMENT contract DE-AC05-000R22725
UT-BATTELLE, LLC, + Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE
CENTRAL LAB AND OFFICE BUILDING
FRAMING PLAN
LEVEL 4, SECTOR 61

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	S	X	X	8	8600		1	1	P	U
51		52		53	WBS					REV
NC		NA			1.8.3.14		S2.04.61			1

DSN	W. SONNA	5/15/01
DRW	T. DEADY	5/15/01
CHK	R. WALKINGTON	5/15/01
DEPT		
PE	C.L. GARREN	9/6/01
PJ	J. STELLERN	8/21/01
REQ		
UTB	J.R. LAWSON	9/25/01

DRAWING APPROVALS

RPE
JOHN BUSCH REGISTERED ENGINEER AGRICULTURE COMMERCE NO. 23236 STATE OF TENNESSEE
REV. 1 DATE 12/20/01

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE CONTROL NUMBER	DESCRIPTION	DSN	CHK	DEPT
1				CERTIFIED FOR CONSTRUCTION – 12/20/01	RW	JJB	
0				CERTIFIED FOR CONSTRUCTION – MAY 15, 2001	WLS	SC	

REVISION OR ISSUE PURPOSE

DATE	PE	DATE	PJ	DATE	REQ	DATE	UTB	DATE	RPE	RPE NO	DATE
	CLG	9/6/01	JS	8/21/01			JRL	9/25/01	JJB	23236	5/15/01
	PJB	12/20/01	JJB	12/20/01			JRL	12/20/01	JJB	23236	12/20/01

REVISION APPROVALS

ST	CV	EC	EE	EM	IE	M	PD	SE	AR
SC		WRS	RL	WRS	BWJ	--	WRS	--	WAS
RW	AW	BWJ	PD	BWJ	BWJ	--	BWJ	--	ED

SQUAD CHECK

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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 4
ENGINEERING PROCEDURE SNS-ENG-G001

Date: 12/17/2001 Time: 16:55:38
User name: JOHNBUS
CH-d:\PCLD\PROJECTS\1000\700_CADD\NEW_SB\140_R\S2\S2-04-61.DWG