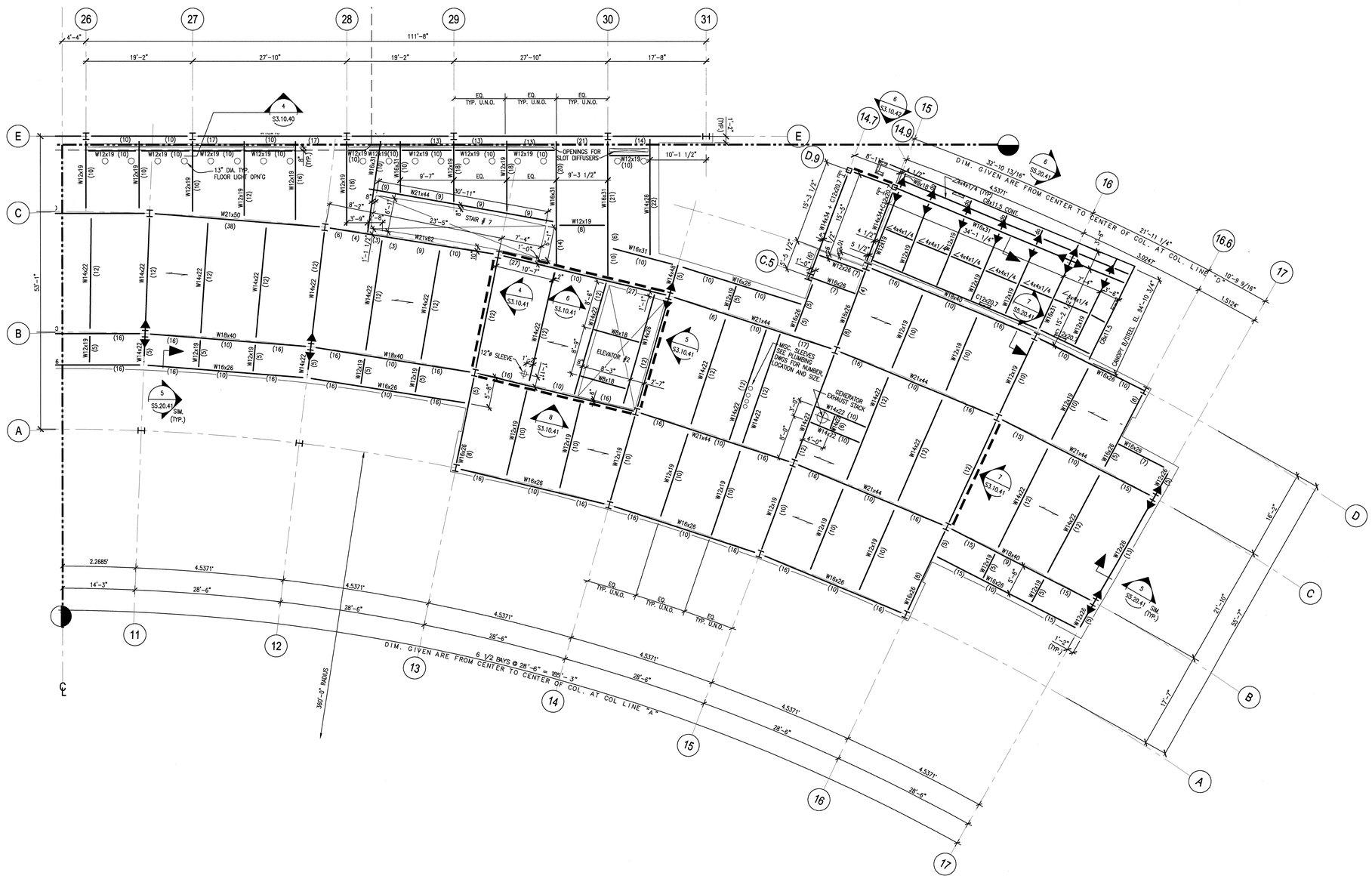


NOTES:

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.) TOP OF SLAB EL. 99'-3" U.N.O.

3.) TOP OF STRUCTURAL STEEL EL. 98'-9 3/4" U.N.O.

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.

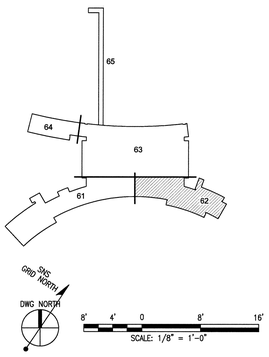
11.) SEE SHT. S5.30.40 FOR COLUMN SCHEDULE.

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

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

14.) *W_x_ SYMBOLIZES BEAM ATTACHED TO BOTTOM FLANGE OF GIRDER

15.) **W_x_ SYMBOLIZES BEAM ATTACHED TO TOP FLANGE OF GIRDER



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PROJECT NAME:
SPALLATION NEUTRON SOURCE
CENTRAL LAB AND OFFICE BUILDING
FRAMING PLAN
LEVEL 1, SECTOR 62

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		S2.01.62			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

RPE

JOHN BUSCH REGISTERED ENGINEER NO. 23236 COMMERCIAL AGRICULTURE STATE OF TENNESSEE

REV. 1 DATE 12/20/01

DRAWING APPROVALS

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE CONTROL 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
1				CERTIFIED FOR CONSTRUCTION – 12/20/01	RW	JJB				12/20/01		12/20/01				12/20/01	JJB	23236	12/20/01	RW	AW	BWJ	PD	BWJ	BWJ	--	BWJ	--	ED
0				CERTIFIED FOR CONSTRUCTION – MAY 15, 2001	WLS	SC			CLG	9/6/01	05	8/21/01			JRL	9/25/01	JJB	23236	5/15/01	RW	AW	BWJ	PD	BWJ	BWJ	--	BWJ	--	ED

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — 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

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CHANGE CONTROL SYSTEM 4
ENGINEERING PROCEDURE SNS-ENG-G001

Date: 12/7/2001 Time: 16:56:28
Username: JSBOYD
DR-P:_R02JPROJECTS\1900\100_CADD\NEW_SR\142_H\S2.01-01-02.DWG

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