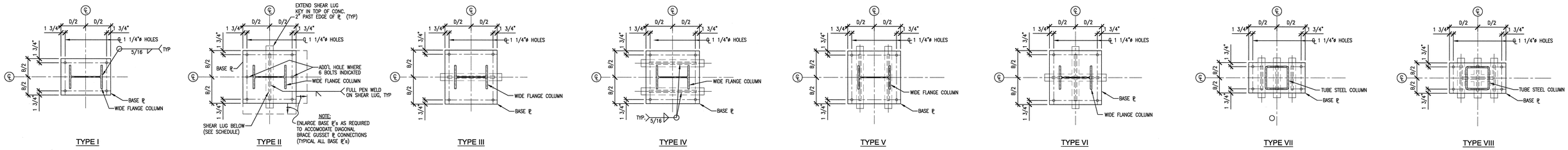

TYPE I | TYPE II | TYPE III | TYPE IV | TYPE V | TYPE VI | TYPE VII | TYPE VIII

1 (S5.30.41) COLUMN BASE PLATE TYPES

SCALE: 3/4" = 1'-0" SDT051002-2B

REFER TO DETAILS 23 (S5.20.40) 24 (S5.20.40)
FOR FURTHER BASE PLATE INFO.

BASE PLATE SCHEDULE

A36

MARK	SIZE (BxDxt)	TYPE	ANCHOR BOLTS (#) DIA.x EMBED.	SHEAR LUG(s)	QTY. (0) U.N.O.	REMARKS
BP1	22 x 22 x 2	I	(4) 3/4"ø A36 x 12"	–	–	
BP2	22 x 22 x 1-1/2	I	(4) 3/4"ø A36 x 12"	–	–	
BP3	17-1/2 x 21-1/2 x 1/2	I	(4) 3/4"ø A36 x 12"	–	–	
BP4	22 x 22 x 2-1/2	I	(4) 3/4"ø A36 x 12"	–	–	
BP5	17 x 21 x 1-1/2	I	(4) 3/4"ø A36 x 12"	–	–	
BP6	23 x 23 x 1	I	(4) 3/4"ø A36 x 12"	–	–	
BP7	17 x 21 x 1	I	(4) 3/4"ø A36 x 12"	–	–	
BP8	23 x 23 x 2	I	(4) 3/4"ø A36 x 12"	–	–	
BP9	22 x 22 x 1	I	(4) 3/4"ø A36 x 12"	–	–	
BP10	17-1/2 x 21-1/2 x 1	I	(4) 3/4"ø A36 x 12"	–	–	
BP11	15-1/2 x 21 x 1-1/2	I	(4) 3/4"ø A36 x 12"	–	–	
BP12	23-1/2 x 23-1/2 x 2	I	(4) 3/4"ø A36 x 12"	–	–	
BP13	22-1/2 x 22-1/2 x 2	I	(4) 3/4"ø A36 x 12"	–	–	
BP14	23-1/2 x 23-1/2 x 1-1/2	I	(4) 3/4"ø A36 x 12"	–	–	
BP15	23 x 23 x 2-1/2	I	(4) 3/4"ø A36 x 12"	–	–	
VOID	22 x 22 x 2	III	(4) 3/4"ø A36 x 12"	5" x 2"	1	
BP17	22 x 22 x 1-1/2	III	(4) 3/4"ø A36 x 12"	2-1/2" x 1"	1	
BP18	17-1/2 x 21-1/2 x 1-1/2	II	(4) 3/4"ø A36 x 12"	3" x 1"	1	
BP19	13 x 24 x 3-1/2	II	(4) 1"ø A325 x 16"	3-1/2" x 1-1/2"	1	
VOID	13 x 24 x 2-1/2	III	(4) 3/4"ø A307 x 12"	3" x 1"	1	
BP21	23 x 22 x 2-1/2	VI	(6) 1-1/8" A325 x 20"	6-1/2" x 2-1/2"	2	
BP22	23 x 22 x 2-1/2	VI	(4) 3/4" A36 x 12"	4" x 1-1/2"	2	
BP23	23 x 22 x 2-1/2	VI	(4) 3/4" A36 x 12"	3-1/2" x 1-1/2"	2	
BP24	23 x 22 x 2-1/2	III	(4) 3/4" A36 x 12"	3-1/2" x 1-1/2"	1	
BP25	23 x 22 x 2-1/2	VI	(4) 3/4" A36 x 12"	3" x 1"	2	
BP26	23 x 22 x 2-1/2	VI	(4) 3/4" A36 x 12"	2-1/2" x 1"	2	
BP27	23 x 22 x 2	VI	(4) 3/4" A36 x 12"	5" x 2"	2	
BP28	22-1/2 x 22-1/2 x 2-1/2	V	(4) 3/4" A36 x 12"	6-1/2" x 2-1/2"	2	
BP29	22-1/2 x 22-1/2 x 2-1/2	II	(4) 3/4" A36 x 12"	4" x 1-1/2"	1	
BP30	22-1/2 x 22-1/2 x 2-1/2	I	(4) 3/4" A36 x 12"	–	–	
BP31	22-1/2 x 22-1/2 x 2	III	(4) 3/4" A36 x 12"	5-1/2" x 2"	1	
BP32	22-1/2 x 22-1/2 x 2	IV	(4) 3/4" A36 x 12"	5" x 2"	2	
BP33	22 x 22 x 2-1/2	III	(4) 3/4" A36 x 12"	6-1/2" x 2-1/2"	1	
BP34	22 x 22 x 2-1/2	II	(4) 3/4" A36 x 12"	6" x 2-1/2"	1	
VOID	22 x 22 x 2-1/2	VI	(4) 1" A325 x16"	5-1/2" x 2-1/2"	2	
BP36	22 x 22 x 2-1/2	II	(4) 3/4" A36 x 12"	3-1/2" x 1-1/2"	1	
BP37	22 x 22 x 2-1/2	II	(4) 3/4" A36 x 12"	3" x 1"	1	
BP38	22 x 22 x 2	VI	(4) 3/4" A36 x 12"	4-1/2" x 1-1/2"	2	
VOID	22 x 22 x 2	I	(4) 3/4" A325 x14"	– / " x – / "	1	
VOID	22 x 22 x 1-1/2	II	(4) 1" A325 x 16"	4" x 1-1/2"	1	
VOID	22 x 22 x 1-1/2	II	(4) 7/8" A325 x 16"	4" x 1-1/2"	1	
BP42	22 x 22 x 1-1/2	VI	(4) 3/4" A325 x 14"	4" x 1-1/2"	2	
BP43	22 x 22 x 1-1/2	II	(6) 1 1/8" A325 x 20"	3-1/2" x 1-1/2"	1	
BP44	22 x 22 x 1-1/2	II	(4) 1" A325 x 16"	3-1/2" x 1-1/2"	1	
BP45	22 x 22 x 1-1/2	VI	(4) 3/4" A36 x 12"	3-1/2" x 1-1/2"	2	
BP46	17-1/2 x 21-1/2 x 2	II	(4) 3/4" A36 x 12"	5" x 2"	1	
BP47	17-1/2 x 21-1/2 x 2	II	(4) 3/4" A325 x 14"	4-1/2" x 2"	1	
BP48	17-1/2 x 21-1/2 x 1-1/2	II	(4) 3/4" A36 x 12"	4" x 1-1/2"	1	
BP49	17-1/2 x 21-1/2 x 1-1/2	III	(4) 3/4" A36 x 12"	3-1/2" x 1-1/2"	1	
BP50	15-1/2 x 21 x 1	I	(4) 3/4" A36 x 12"	–	–	
BP51	13 x 24 x 3	I	(4) 3/4" A36 x 12"	–	–	
BP52	13 x 24 x 3	VIII	(4) 3/4" A36 x 12"	8" x 3"	4	
BP53	13 x 24 x 3	VII	(4) 3/4" A325 x 14"	8" x 3"	3	
BP54	13 x 24 x 3	I	(4) 3/4" A36 x 12"	–	–	
BP55	13 x 24 x 2-1/2	II	(4) 3/4" A36 x 12"	6" x 2-1/2"	1	

1' 6" 0 1' 2'
SCALE: 3/4" = 1'-0"

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PROJECT NAME:
SPALLATION NEUTRON SOURCE
CENTRAL LAB AND OFFICE BUILDING
STEEL
BASE PLATE SCHEDULE

1	48	49	50	PLANT	BILDG	FL	SH.	OF	TYPE	CLASS
3	S	X	X	B	8600		1	1	S	U
51		52		53	WBS					REV
NC		NA			1.8.3.14		S5.30.41			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 AGRICULTURE NO. 23236 STATE OF TENNESSEE
REV. 1 DATE 12/20/01

DRAWING APPROVALS

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE REQUEST 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	
12/20/01								JJB	23236	12/20/01	

REVISION APPROVALS

ST	CV	EC	EE	EM	IE	M	PD	SE	AR
RW	AW	BWJ	PD	BWJ	BWJ	--	BWJ	--	ED
RW	AW	BWJ	PD	BWJ	BWJ	--	BWJ	--	ED

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