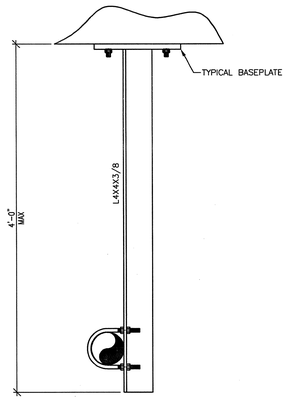
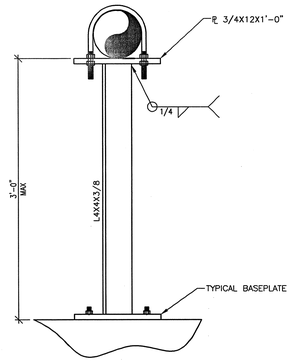
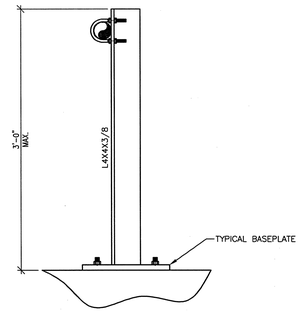


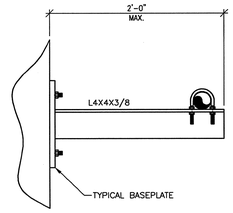
TYPICAL PIPE SUPPORT 1 - (PS1)
SCALE: 1 1/2"=1'-0"



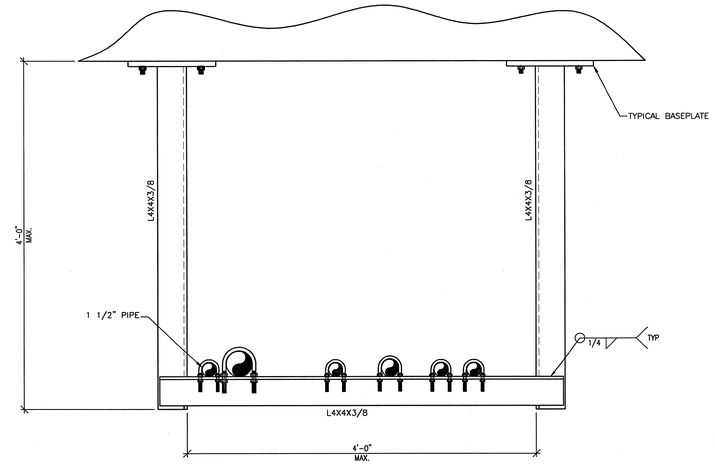
TYPICAL PIPE SUPPORT 2- (PS2)
SCALE: 1 1/2"=1'-0"



TYPICAL PIPE SUPPORT 3- (PS3)
SCALE: 1 1/2"=1'-0"



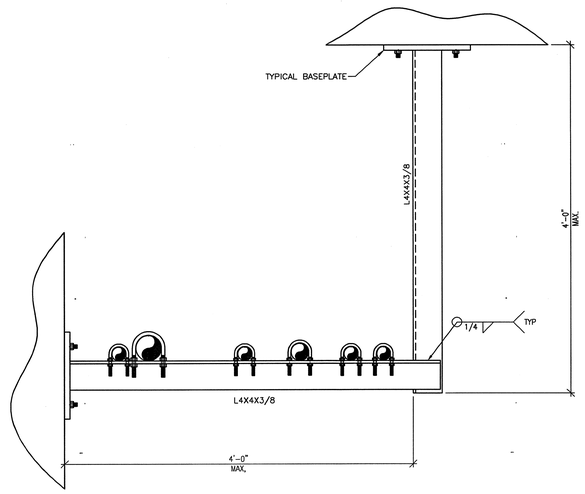
TYPICAL PIPE SUPPORT 4- (PS4)
SCALE: 1 1/2"=1'-0"



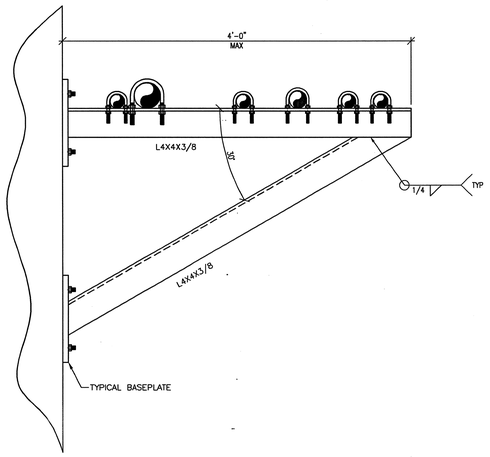
TYPICAL PIPE SUPPORT 5- (PS5)
SCALE: 1 1/2"=1'-0"

GENERAL NOTES

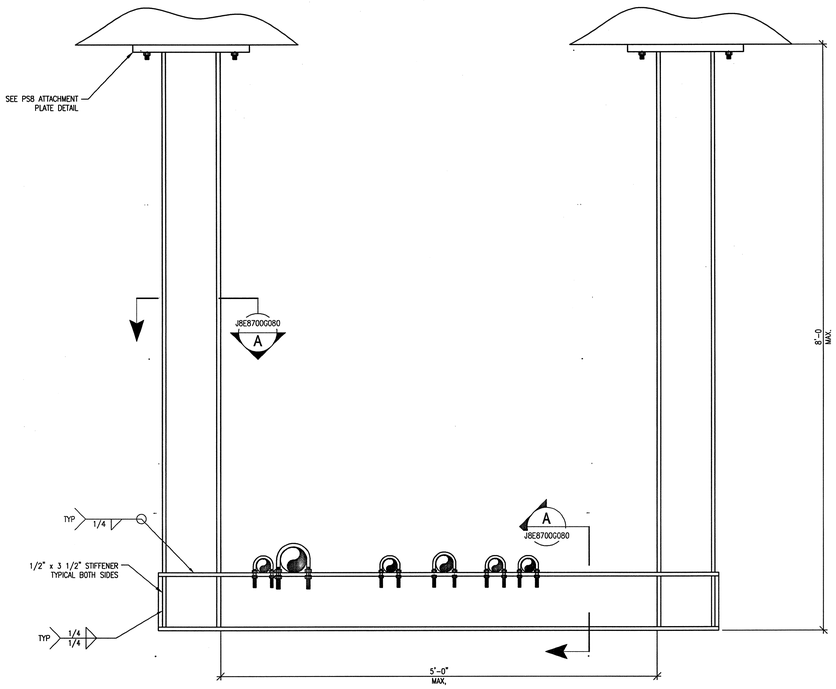
1. ALL STEEL MEMBERS AND COMPONENTS OF PIPE SUPPORTS SHALL BE ASTM A240 TYPE 304L. SEE SPEC 05121 FOR ADDITIONAL INFORMATION.
2. PIPES SHALL BE ATTACHED TO THE SUPPORTS WITH ASTM A304 STANDARD UBOLTS, ASTM A240 TYPE 316 STAINLESS STEEL NUTS, AND ASTM A240 TYPE 316 STAINLESS STEEL WASHERS.



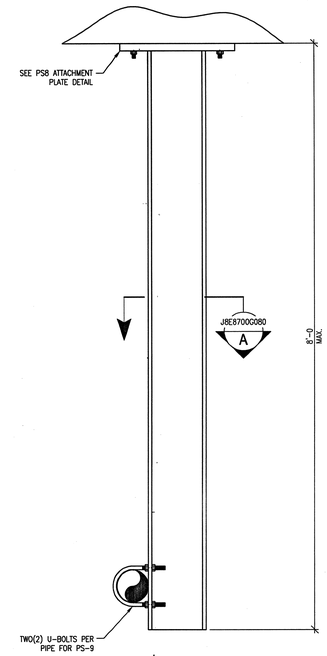
TYPICAL PIPE SUPPORT 6- (PS6)
SCALE: 1 1/2"=1'-0"



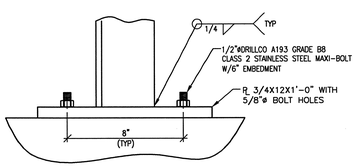
TYPICAL PIPE SUPPORT 7- (PS7)
SCALE: 1 1/2"=1'-0"



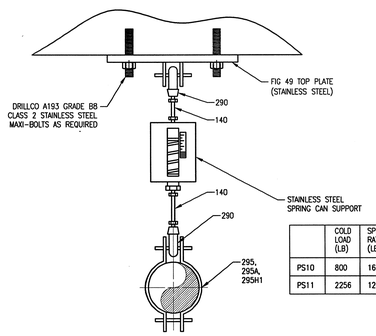
TYPICAL PIPE SUPPORT 8- (PS8)
SCALE: 1 1/2"=1'-0"



TYPICAL PIPE SUPPORT 9- (PS9)
SCALE: 1 1/2"=1'-0"

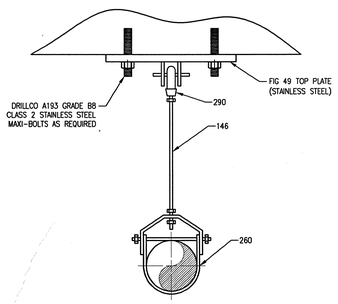


TYPICAL BASEPLATE
SCALE: 3"=1'-0"

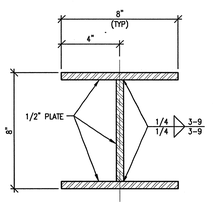


	COLD LOAD (LB)	SPRING RATE (LB/IN)
PS10	800	167
PS11	2256	1200

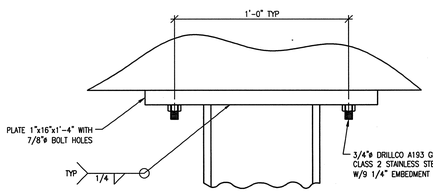
TYPICAL PIPE SUPPORT 10 & 11 - (PS10 & PS11)
SCALE: NTS
(GRINNEL PART NUMBERS SHOWN FOR REFERENCE)



TYPICAL PIPE SUPPORT 12 - (PS12)
SCALE: NTS
(GRINNEL PART NUMBERS SHOWN FOR REFERENCE)



SECTION A
SCALE: 3"=1'-0"
J8E8700G080



PS8 ATTACHMENT PLATE
SCALE: 3"=1'-0"

3" = 1'-0" 6" 3" 0 6"

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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 3
ENGINEERING PROCEDURE SNS-TS-G001

REV	CHANGE TYPE	CHANGE CONTROL SYSTEM	CHANGE PROJECT 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 - 1/18/02	JHT	TP											EBP	19615	1/18/02		GPR			HG	TP					MBB

REVISION OR ISSUE PURPOSE — REVISION APPROVALS — SQUAD CHECK

RPE: E. BRENT KEY, REGISTERED ENGINEER, COMMONWEALTH OF PENNSYLVANIA, No. 19615-E, STATE OF TENNESSEE, 1/18/02

DSN	J.H. TOWNSEND	9/17/01
DRW	A. FARLESS	6/28/01
CHK	T. PROFFITT	1/17/02
DEPT		
PE		
PJ		
REQ		
UTB		1/22/02

Ø REV. 1/18/02 DATE

DRAWING APPROVALS

106060000-J8E-8700-G080

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UT-BATTELLE, LLC. • Oak Ridge, Tennessee

PROJECT NAME:
SPALLATION NEUTRON SOURCE

TARGET & DUMP BUILDINGS
PIPE SUPPORT DETAILS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	J	X	X	8	8700		1	1	D	U
51		52		53	WBS	J8E8700G080				REV
NC		NA			106060000					0