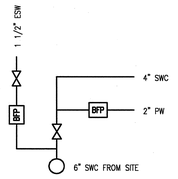
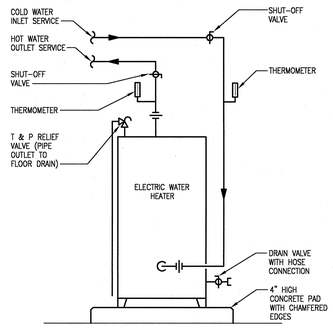
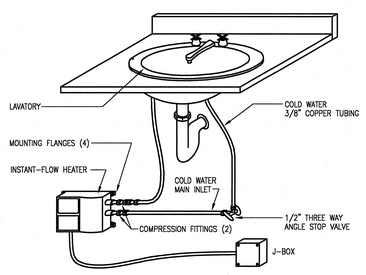


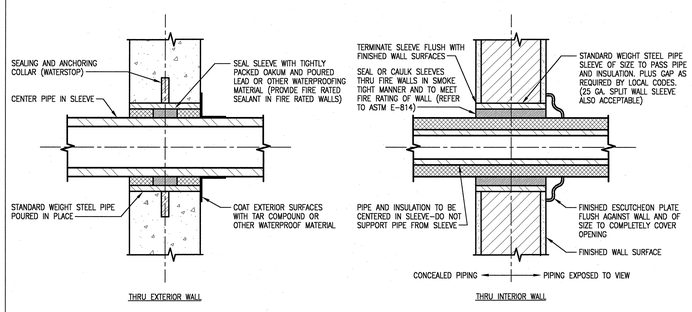
50 WATER SERVICE
NOT TO SCALE



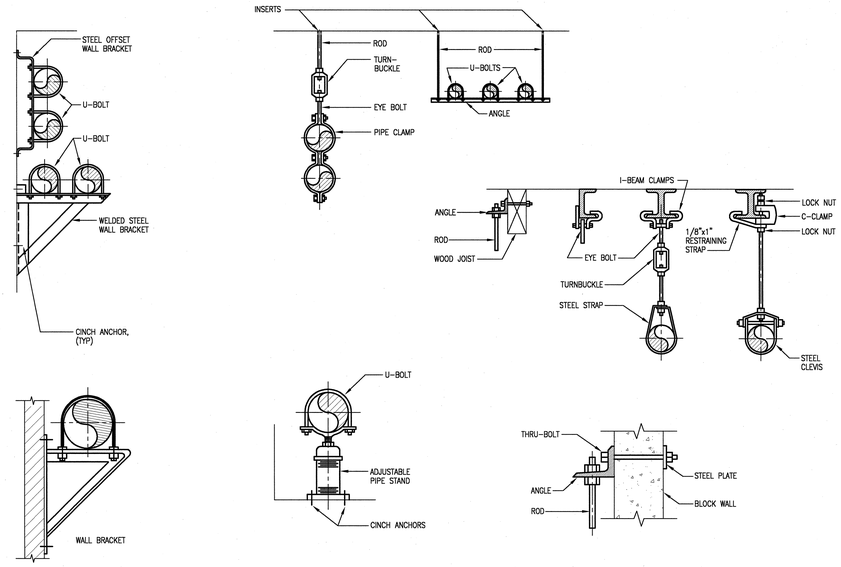
52 ELECTRIC HOT WATER HEATER
NOT TO SCALE



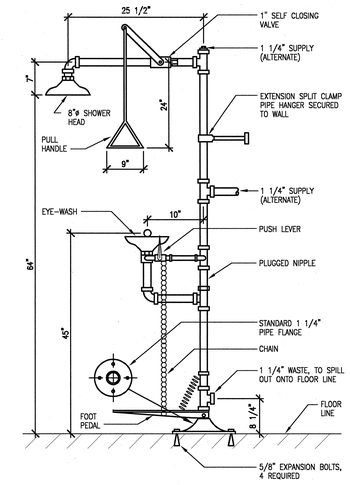
54 UNDER COUNTER ELECTRIC HOT WATER HEATER
NOT TO SCALE



56 PIPE SLEEVE DETAIL
NOT TO SCALE

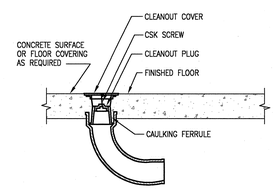


35 PIPE SUPPORTS
NOT TO SCALE

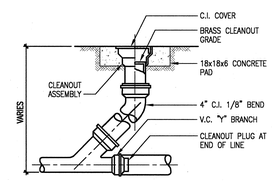


NOTE: DIMENSIONS SHOWN ARE NOMINAL.

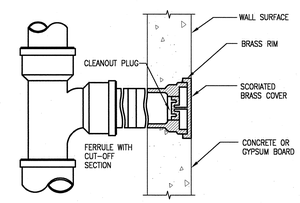
11 EYEWASH-SHOWER PIPING
NOT TO SCALE



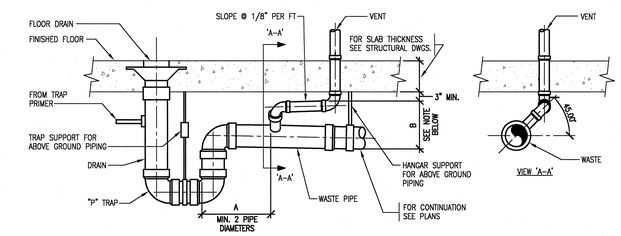
37 CLEAN-OUT AT FINISHED FLOOR
NOT TO SCALE



29 CLEAN-OUT AT GRADE
SCALE: 1/2" = 1'-0"



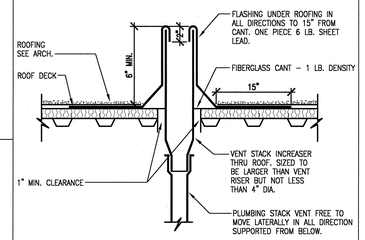
21 WALL CLEAN-OUT
NOT TO SCALE



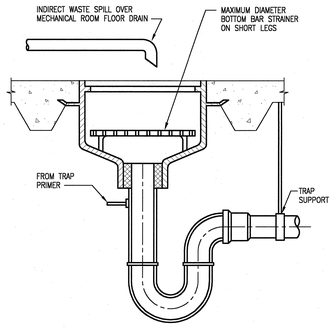
WASTE SIZE	VENT SIZE	'A' MAX	'A' SLOPE "/FT	'B'
2"	1-1/4"	8'-0"	1/4	8"±
3"	1-1/2"	10'-0"	1/8	10-1/2"±
4"	2"	12'-0"	1/8	10-1/2"±

NOTE: DIMENSION 'B' DOES NOT INCLUDE FALL DUE TO SLOPE, ADD FALL DUE TO VENT SLOPE TO OBTAIN INVERT ELEVATION.

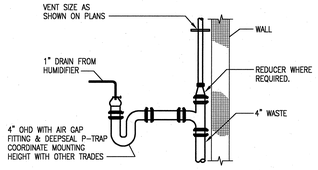
13 FLOOR DRAIN
NOT TO SCALE



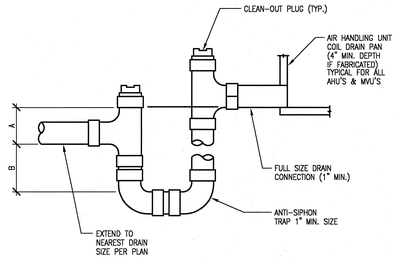
39 VENT PIPING AT ROOF
NOT TO SCALE



31 TYP. MECHANICAL ROOM FLOOR SINK FOR INDIRECT WASTE
NOT TO SCALE



23 OPEN HUB DRAIN
NOT TO SCALE



NOTES:
1. FOR BLOW THRU:
   A = 1" MIN.
   B = FAN DISCHARGE S.P. + 1"
2. FOR DRAW THRU:
   A = 4" MIN.
   B = FAN SUCTION S.P. + 1"

15 COIL DRAIN TRAP
NOT TO SCALE

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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-0001

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
0				CERTIFIED FOR CONSTRUCTION - MAY 15, 2001	EB	KJH				11/14/01		11/21/01				10/8/01	BWJ	105869	5/15/01

REVISION OR ISSUE PURPOSE — REVISION APPROVALS

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

SQUAD CHECK

RPE — BRUCE W. JOHNSON, REGISTERED PROFESSIONAL ENGINEER, AGRICULTURE, COMMERCE, No. 00107803, STATE OF TENNESSEE

DSN	M. WITHROW	05/15/01
DRW	T. WHITE JR.	05/15/01
CHK	B. JOHNSON	05/15/01
DEPT		
PE		10/1/01
PJ		10/2/01
REQ		
UTB		10/8/01

0 REV. 5/14/01 DATE — DRAWING APPROVALS

108030000-P8E-8000-A001

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PROJECT NAME:
SPALLATION NEUTRON SOURCE
CENTRAL LAB AND OFFICE BUILDING
DETAILS

1	48	49	50	PLANT	BLDG	FL	SH.	OF	TYPE	CLASS
3	P	X	X	8	8000		1	1	D	U
51		52		53	WBS					REV
NC		NA			1.8.3		P6.10.01			0

AutoCAD