

Group	Elevation	Area open to flow (in2)	Penetration No.	Unit 1 DWG	Unit 2 DWG	Line Ident No.	Pen Type	Category	From Building	To Building	End Sate	Sleeve		Insul Thickness in	Dwg B-210 Length in	Unit 2 Azimuth Degrees - minutes	Sleeve		Sleeve		Remarks
												Size inches	Pipe Size inches				Area Below 588' in ²	Pipe Area Below 588' in ²	Area Below 579' in ²	Pipe Area Below 579' in ²	
F	561.25	452.3893		B-278, M-7, B-223, M-170				Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	24	20		600	225	452.39	314.16	452.39	314.16	B-278 Sections A-A and B-B
F	561.25	452.3893		B-278, M-7, B-223, M-170				Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	24	20		600	225	452.39	314.16	452.39	314.16	B-278 Sections A-A and B-B
F	561.25	452.3893		B-278, M-7, B-223, M-170				Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	24	20		600	225	452.39	314.16	452.39	314.16	B-278 Sections A-A and B-B
F	561.25	452.3893		B-278, M-7, B-223, M-170				Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	24	20		600	225	452.39	314.16	452.39	314.16	B-279 Sections A-A and B-B
F	561.25	452.3893		B-278, M-7, B-223, M-170				Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	24	20		600	225	452.39	314.16	452.39	314.16	B-279 Sections A-A and B-B
F	577.5	78.53982	P-1	M-281	M-661	1-FP-037-4"	5	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	10	4		42	253	78.54	12.57	78.54	12.57	M-282 Detail Section B-B
F	577.5	28.27433	P-3	M-281	M-661			Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	6			42	263-45	28.27		28.27	0.00	M-282 Detail Section B-B
F	577.5	50.26548	P-4	M-281	M-661	1-S1-090-3"	4	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	8	3		42	266	50.27	7.07	50.27	7.07	M-282 Detail Section B-B
F	577.5	28.27433	P-42	M-281	M-661	1-WO-95-1 1/2'	5	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	6	1.50		42	255-15	28.27	1.77	28.27	1.77	M-282 Detail Section B-B
F	577.5	153.938	P-68	M-281	M-661	1-FW-018-3"	4	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	14	3		42	259-15	153.94	7.07	153.94	7.07	M-282 Detail Section B-B
F	577.5	153.938	P-69	M-281	M-661	1-FW-015-3"	4	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	14	3		42	250-45	153.94	7.07	153.94	7.07	M-282 Detail Section B-B
F	577.5	153.938	P-70	M-281	M-661	1-DT-032-3"	3	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	14	3		42	257-15	153.94	7.07	153.94	7.07	M-282 Detail Section B-B
F	577.5	50.26548	P-103	M-282	M-662			Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	8			42	261-30	50.27	0.00	50.27	0.00	M-282 Detail Section B-B
F	578.54	452.3893	P-49	M-281	M-661			Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	24			78	270	452.39		452.39	0.00	
F	580.083	615.7522	P-22	M-281	M-661	1-RH-006-12"	4B	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	28	12	3	42	261-30	615.75	113.10			M-282 Detail Section B-B
F	580.083	50.26548	P-43	M-281	M-661	1-DT-036-3"	3	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	8	3		42	253	50.27	7.07			M-282 Detail Section B-B
F	580.083	78.53982	P-50	M-281	M-661			Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	10			42	263-45	78.54				M-282 Detail Section B-B
F	580.083	50.26548	P-56	M-281	M-661	1-VF-132-2"	5	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	8	2		42	250-15	50.27	3.14			M-282 Detail Section B-B
F	580.083	153.938	P-66	M-281	M-661	33,043, 052E, l	6	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	14	8		42	257-15	153.94	50.27			M-282 Detail Section B-B
F	580.083	50.26548	P-81	M-281	M-661	1-VN-008-2"	5	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	8	2		42	250-45	50.27	3.14			M-282 Detail Section B-B
F	580.083	452.3893	P-104	M-282	M-662	1-MS-018-6"	2	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	24	6		42	266	452.39	28.27			M-282 Detail Section B-B
F	580.083	254.469	P-105	M-282	M-662	1-SI-011-10"	3	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	18	10		42	255-15	254.47	78.54			M-282 Detail Section B-B
F	584.25	615.7522	P-17	M-281	M-661	1-RH-015-14"	1A	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	28	14	3	42	253	615.75	153.94			M-282 Detail Section B-B
F	584.25	254.469	P-18	M-281	M-661	1-CF-004-10"	4A	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	18	10		42	257-15	254.47	78.54			M-282 Detail Section B-B
F	584.25	254.469	P-20	M-281	M-661	1-CF-003-10"	4A	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	18	10		42	259-15	254.47	78.54			M-282 Detail Section B-B
F	584.25	615.7522	P-21	M-281	M-661			Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	28			42	261-30	615.75				M-282 Detail Section B-B
F	584.25	254.469	P-67	M-281	M-661			Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	18			42	249-45	254.47				M-282 Detail Section B-B
F	584.25	254.469	P-73	M-281	M-661			Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	18			42	255-15	254.47				M-282 Detail Section B-B
F	584.25	78.53982	P-87	M-281	M-661			Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	10			42	263-45	78.54				M-282 Detail Section B-B
F	584.25	78.53982	P-90	M-282	M-661			Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	10			42		78.54				M-282 Table has at 599'9" Section B-B has at 584' 3"
F	586.83	113.0973	P-19	M-281	M-661	1-CC-091-6"	4	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	12	6		42	253	113.10	28.27			M-282 Detail Section B-B
F	586.83	113.0973	P-23	M-281	M-661	1-CC-106-6"	4	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	12	6	1	42	259-15	113.10	28.27			M-282 Detail Section B-B
F	586.8	28.27433	P-54	M-281	M-661	1-CS-063-2"	5	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	6	2		42	250-45	28.27	3.14			M-282 Detail Section B-B
F	586.83	78.53982	P-64	M-281	M-661			Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	10			42	266	78.54				M-282 Detail Section B-B
F	586.83	153.938	P-74	M-281	M-661	1-FW-012-3"	4	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	14	3		42	255-15	153.94	7.07			M-282 Detail Section B-B
F	586.83	78.53982	P-86	M-282	M-661	4 pipes	7	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	10	4 pipes	1	42	257-15	78.54	4 pipes			M-282 Detail Section B-B
F	586.83	113.0973	P-88	M-281	M-661	1-HS-030-2"	2	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	12	2	1.5	42	261-30	113.10	3.14			M-282 Detail Section B-B
F	586.83	113.0973	P-89	M-281	M-661	0-HS-053-2"	2	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	12	2	1.5	42	263-45	113.10	3.14			M-282 Detail Section B-B
F	588.83	28.27433	P-2	M-281	M-661			Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	6			42	261-30	28.27				M-282 Detail Section B-B
F	588.83	153.938	P-24	M-281	M-661	1-SI-104-4"	2	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	14	4	3	42	253	153.94	12.57			M-282 Detail Section B-B
F	588.83	113.0973	P-33	M-281	M-661	1-CC-104-3"	4	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	12	3		42	257-15	113.10	7.07			M-282 Detail Section B-B
F	588.83	113.0973	P-34	M-281	M-661	1-DW-006-2"	5	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	12	2		42	263-45	113.10	3.14			M-282 Detail Section B-B
F	588.83	153.938	P-71	M-281	M-661	1-BD-001-2 1/2'	2	Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	14	2.5		42	255-15	153.94	4.91			M-282 Detail Section B-B
F	588.83	153.938	P-76	M-282	M-662	2-SS-026-3/8"		Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	14	4 pipes		42	250-45	153.94	4 pipes			M-282 Detail Section B-B
F	588.83	78.53982	P-84	M-281	M-661			Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	10			42	266	78.54				M-282 Detail Section B-B
F	588.83	78.53982	P-85	M-281	M-661			Bld to Bld Pen	Unit 1 Containment	Auxiliary Building	Open Sleeve	10			42	259-45	78.54				M-282 Detail Section B-B