

Group	Elevation	Area open to flow (in2)	Penetration No.	DWG	Line Ident No.	Pen Type	Category	From Building	To Building	End State	Description	Sleeve Size inches	Pipe Size inches	Insul Thickness in	Length in	Y	X	Sleeve Area Below 588' in <sup>2</sup>	Pipe Area Below 588' in <sup>2</sup>	Sleeve Area Below 579' in <sup>2</sup>	Pipe Area Below 579' in <sup>2</sup>	Remarks
	570	0					Hypothetical				10"x2' section of steam tunnel wall (2880 in2)											
	572	0					Hypothetical				10"x2' section of steam tunnel wall (2880 in2)											
	574	0					Hypothetical				10"x2' section of steam tunnel wall (2880 in2)											
	576	0					Hypothetical				10"x2' section of steam tunnel wall (2880 in2)											
	578	0					Hypothetical				10"x2' section of steam tunnel wall (2880 in2)											
	580	0					Hypothetical				10"x2' section of steam tunnel wall (2880 in2)											
	582	0					Hypothetical				10"x2' section of steam tunnel wall (2880 in2)											
N	583.50	78.5398	M-106, M-107				Buried	Aux	Outside	Open Sleeve	Fire Protection	10		36	J	35				78.54		
O	583.50	78.5398	M-106, M-107				Buried	Aux	Outside	Open Sleeve	Fire Protection	10		36	J	5				78.54		
O	585.25	12.5664	M-104		4" Oil Fill Line		Bid to Bid Pen	Turbine	Soil (N?)	Open Sleeve	Diesel Oil	4		48	G	5			12.57			
N	586	12.5664	M-103, M-214		1DO-001-4"		Pen, Bid to Soil	Turbine	Soil	Rad Inventory, Leave Open	Diesel Oil	4		48	G	35			12.57			To Diesel Gen Oil Storage Tanks and Transfer Pumps
K	586	28.2743	M-104				Pen, Bid to Soil	Turbine	Soil	Rad Inventory, Leave Open	Primary Water	6		48	C	24			28.27			
K	586.00	78.5398	M-103				Pen, Bid to Soil	Turbine	Soil	Rad Inventory, Leave Open	Oil Separator Tank	10			C	23			78.54			
K	586.00	50.2655	M-103				Pen, Bid to Soil	Turbine	Soil	Rad Inventory, Leave Open	Fibercast Makeup Demin Waste Discharge	8			C	23			50.27			
L	586.00	12.5664	M-105 SH 1				Pen, Bid to Soil	Turbine	Soil	Rad Inventory, Leave Open	Condensate Pump Recirc	4			B	21						
L	586.00	314.159	M-105 SH 1 & SH 2, M-103				Pen, Bid to Soil	Turbine	Soil	Rad Inventory, Leave Open	Condensate	20			B	21						
L	586	28.2743	M-104				Pen, Bid to Soil	Turbine	Soil	Rad Inventory, Leave Open	Primary Water Storage Tank	6			B	18			28.27			
M	586.00	50.2655	M-104				Pen, Bid to Soil	Turbine	Soil	Rad Inventory, Leave Open	Fibercast Makeup Demin Waste Discharge	8			C	17			50.27			
M	586.00	28.2743	M-104				Pen, Bid to Soil	Turbine	Soil	Rad Inventory, Leave Open	Primary Water Storage Tank	6			C	17			28.27			
M	586.00	452.389	M-162				Pen, Bid to Soil	Turbine	Soil	Rad Inventory, Leave Open	Service Water	24			C	16						
K	587	78.5398	M-105 SH 1 & 2				Pen, Bid to Soil	Turbine	Soil	Rad Inventory, Leave Open	Fire Protection	10			C	24			78.54			M-105 and Section CC M-105 Sheet 2 shows going from TB to Crib House at 579'
K	590	28.2743	M-103				Pen, Bid to Soil	Turbine	Soil	Rad Inventory, Leave Open	Waste Discharge (WD) from Lake Discharge Tank to Discharge Tunnel	6			C	24			28.27			
M	590	3.14159	M-162				Pen, Bid to Soil	Turbine	Soil	Rad Inventory, Leave Open	Waste System	2			C	17			3.14			

