

(C) Copyright 1972-2007 HALCO Software Systems Ltd.
Version W2K7.25

Run dated 15-Jan-07 10:58 am

Run Name is	Sample
Specifications data file name is	InputFiles\spcSample.xls
Sawing Patterns file name is	InputFiles\patSample.xls
Sawing Pattern Lookup-table file name is	InputFiles\lkpSample.xls
Log control file name is	InputFiles\lgsSample.xls
Log measurements file name is	MesFiles\mesSample.asc
Log select file name is	InputFiles\selSample.xls
Print file name is	OutputFiles\prnSample.prn
Sawsim work file in HALTAB format is	OutputFiles\swkSample.htb
Binary results file name is	OutputFiles\brfSample.bin

Options are:

ACCUM VOL CON SWK XLS SORT CLASS AVE=1 MDB FPR SEL

Displays and printouts will be in the following units:

Lumber volumes: Board feet
Log volumes: Gross Cubic feet
Lumber recoveries: Board feet per Cubic foot
Value recoveries: \$ per Gross 100 cubic feet
Byproduct volumes: User-specified units

Totals and averages for the log group

	Scaled Volume	Actual Volume	Total Length	Volume/lineal Scaled	Volume/lineal Actual	Lumber Recov	Total Value	Value Recov
Total	92303	92303	134626				381652	
Average	11.20	11.20	16.3	0.6856	0.6856	8.640	46.30	413.5

8200.0 sawlogs

	Dia in	Length ft	Taper in/ft	Sweep in	Log Volume	Pcs Lbr	Lbr BF	Lbr Recov	Chip Volume	Lumber \$	Byprod \$	Proc \$	Gross \$	Value Recov
Total		134072			92084	53561	797532		348	368172	38990	25510	381652	
Average	9.82	16.35	0.111	1.41	11.230	6.5	97.3	8.661	0.04	44.90	4.75	3.11	46.54	414.5

	Fin-lum Vol	Chips Vol	Chips \$	Sawdust Vol	Sawdust \$	Shavings Vol	Shavings \$	Dry-trimmings Vol	Dry-trimmings \$	Shrinkage Vol	Decay Vol	Total Vol
Total	45488	347.91	31312	140.13	5605	100.97	2019	40.893	53.0	2852.9		92084
Average	5.5473	0.0424	3.82	0.0171	0.68	0.0123	0.25	0.0050	0.01	0.3479		11.230
Percent	49.40	26.24		10.57		7.61		3.08		3.10		100

Totals for Machines

Machine	SmlLine:	Canter	VSAGang	Edge/VSA	SmlTB	SmlTrim	LrgLine:	CntrTwin	CurvGang	Edge/CTw	Edg/Gang
Passes		1769.5	1769.5	1898.9	1683.2	6257.9		7121.0	6430.5	11437	10056
Minutes											
\$				285						1144	1508

Machine	LrgTB	LrgTrim
Passes	13120	49114
Minutes		
\$		

Processing Costs

Process	Drying	Planing	Misc.
Minutes		1278	
\$	8833	12564	4113

Lumber Tally

Total BF

Lumber Group: 1"Bds

Size	Grade	6	8	10	12	14	16	Total	Percent
1x4	All		1572	2656	2752	2103	2548	11630	1.4
1x6	All		3986	2257	4649	4141	2129	17162	2.0
Total			5558	4913	7401	6243	4677	28792	
Percent			0.7	0.6	0.9	0.7	0.6		3.4

Lumber Group: 2"Dim

Size	Grade	6	8	10	12	14	16	18	20	Total	Percent
2x4	All	303	2104	9108	9077	15475	25668	1051	1994	64779	7.7
2x6	All		5597	22201	32288	42539	189161	19208	49349	360343	42.7
2x8	All		811	4127	27512	21602	53528	7983	47853	163417	19.4
2x10	All		1080	5216	7845	50799	125353	21226	11216	222735	26.4
2x12	All			9	51	144	1395	2723		4320	0.5
Total		303	9592	40661	76773	130558	395104	52191	110412	815594	
Percent			1.1	4.8	9.1	15.5	46.8	6.2	13.1		96.6

Total pieces

Lumber Group: 1"Bds

Size	Grade	6	8	10	12	14	16	Total	Percent
1x4	All		590	797	688	451	478	3003	5.6
1x6	All		996	451	775	592	266	3080	5.7
Total			1586	1248	1463	1042	744	6083	
Percent			2.9	2.3	2.7	1.9	1.4		11.2

Lumber Group: 2"Dim

Size	Grade	6	8	10	12	14	16	18	20	Total	Percent
2x4	All	76	395	1366	1135	1658	2406	88	150	7272	13.4
2x6	All		700	2220	2691	3038	11823	1067	2467	24006	44.4
2x8	All		76	310	1720	1157	2509	333	1795	7899	14.6
2x10	All		81	313	392	2177	4701	708	336	8708	16.1
2x12	All				2	5	44	76		127	0.2
Total		76	1251	4209	5939	8036	21482	2270	4748	48012	
Percent		0.1	2.3	7.8	11.0	14.9	39.7	4.2	8.8		88.8

Log table

Diameter inches	Average - Sweep -		Log lengths								Total	Pct	Cum	Pct
	8	10	12	14	16	18	20							
4.00- 4.99	1.6	0.4			129			43			173	2.1	173	2.1
5.00- 5.99	1.0	0.3						129		43	173	2.1	345	4.2
6.00- 6.99	1.1	0.4		86	43	86	518			43	777	9.5	1122	13.7
7.00- 7.99	1.0	0.3	86	43	86	259	173			173	820	10.0	1942	23.7
8.00- 8.99	1.3	0.5			86	216	691			129	1122	13.7	3064	37.4
9.00- 9.99	1.3	0.5			43	216	863	129		216	1467	17.9	4532	55.3
10.00-10.99	1.9	0.8		86	86	129	734	43		302	1381	16.8	5913	72.1
11.00-11.99	1.6	0.6			86	173	388			86	734	8.9	6646	81.1
12.00-12.99	1.5	0.4		43	43	86	432			173	777	9.5	7423	90.5
13.00-13.99	1.3	0.5					388	43		43	475	5.8	7898	96.3
14.00-14.99	1.5	0.3				43	43	43			129	1.6	8027	97.9
15.00-15.99	1.5	0.3					86				86	1.1	8114	98.9
18.00-18.99	1.6	0.5					43	43			86	1.1	8200	100.0
Total			86	259	604	1208	4532	302	1208	8200				
Percent			1.1	3.2	7.4	14.7	55.3	3.7	14.7	100.0				

Log Volume table

Diameter inches	Average		Log lengths								Total	Pct	Cum	Pct
	8	10	12	14	16	18	20							
4.00- 4.99			410		120					530	0.6	530	0.6	
5.00- 5.99					557			199	756	0.8	1286	1.4		
6.00- 6.99		265	167	388	2570			280	3669	4.0	4955	5.4		
7.00- 7.99	297	183	422	1482	1009			1601	4994	5.4	9949	10.8		
8.00- 8.99			447	1420	5720			1277	8864	9.6	18813	20.4		
9.00- 9.99			343	1727	8877	1726	2856	15528	16.9	34341	37.3			
10.00-10.99		582	861	1247	8779	599	4551	16620	18.0	50961	55.3			
11.00-11.99			885	2044	5379			1670	9978	10.8	60939	66.2		
12.00-12.99		421	468	1448	7246			3505	13088	14.2	74027	80.4		
13.00-13.99					7480	966	1142	9588	10.4	83615	90.8			
14.00-14.99				1031	844	1070		2944	3.2	86559	94.0			
15.00-15.99					2171			2171	2.4	88730	96.4			
18.00-18.99					1540	1814		3354	3.6	92084	100.0			
Total	297	1450	4002	10787	52291	6175	17083	92084						
Percent	0.3	1.6	4.3	11.7	56.8	6.7	18.6	100.0						

43.2 Pulplogs

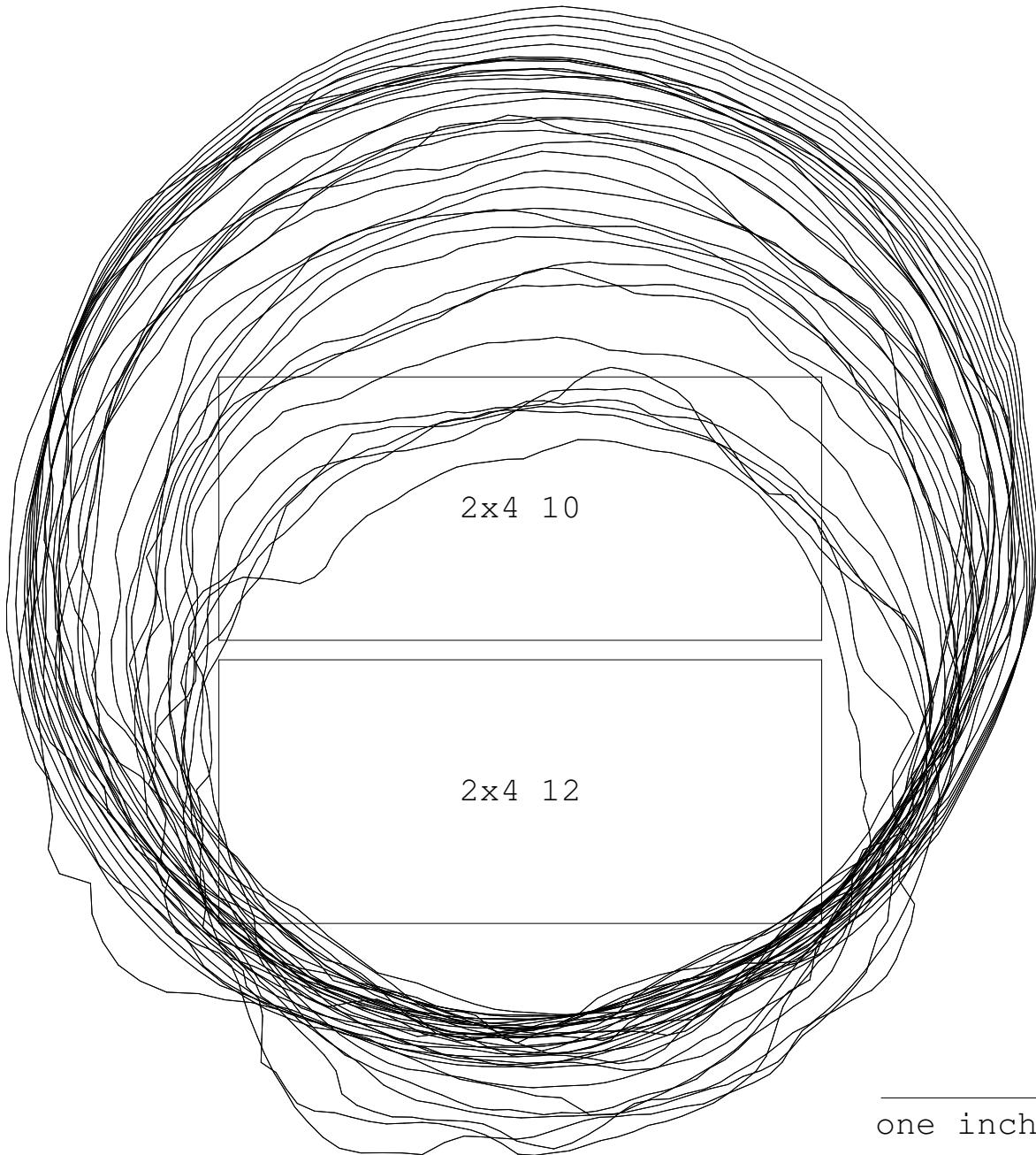
	Length ft	Log Volume	Cost \$	Gross \$	Value Recov
Total	553.79	218.58			
Average	12.83	5.0645	0.00	0.00	0.0

Log: 3962/ 1 Pattern: 4"CantS No. of Logs: 43.2

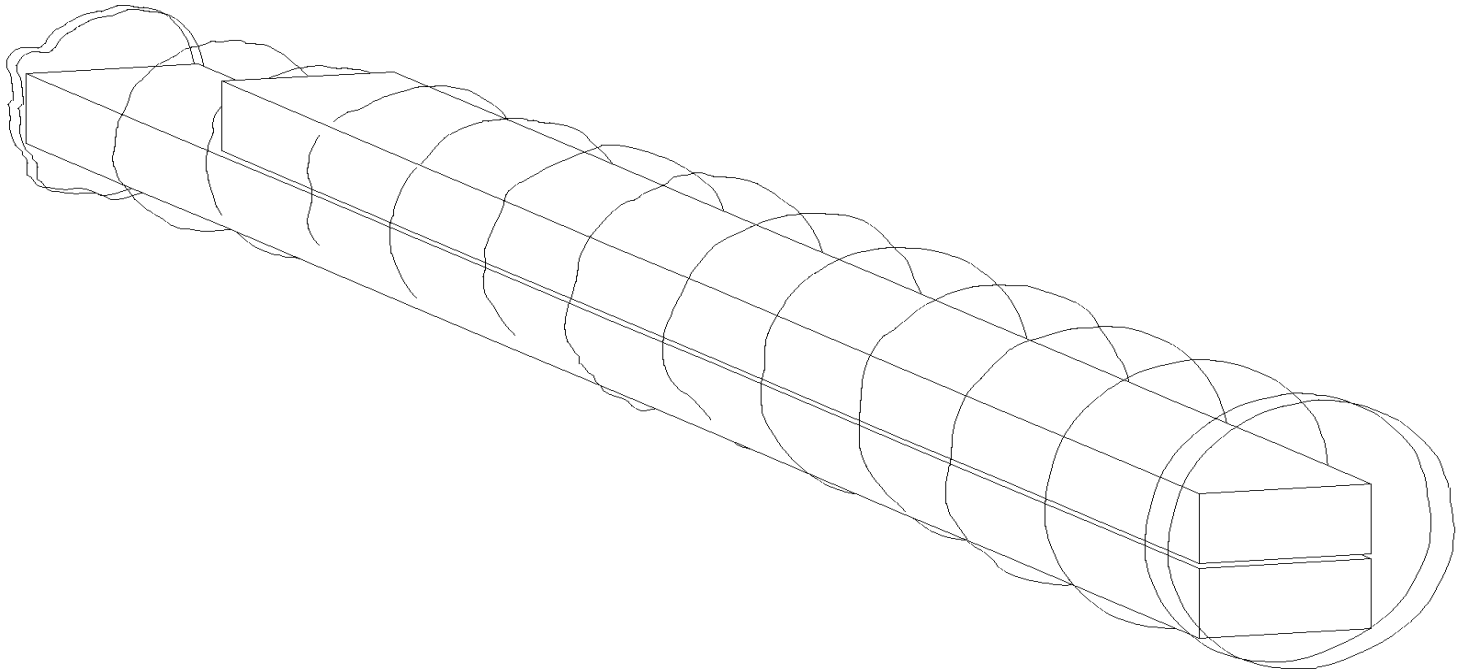
Dia	Len	Taper	Sweep	-- Offset	-- Pcs	BF	Log	Lbr	Chip	Lumber	Cost	Gross Value	
in	ft	in/ft	in	Hor	Ver Lbr	Lbr	Vol	Recov	Vol	\$	\$	\$ Recov	
4.43	12.33	0.207	0.8	0.000	0.226	2	14.04	2.144	6.549	0.015	5.01	0.00	6.51 303.7

--Chips--	-Sawdust-	Shavings	Dry-trimg	Shrink	Defect	FinLum	Total
Vol	\$	Vol	\$	Vol	\$	Vol	Vol
0.0154	1.39	0.0018	0.07	0.0019	0.04	0.0000	0.00
% 50.00		5.97		6.00		0.00	
				0.00		2.24	0.00
						35.78	100

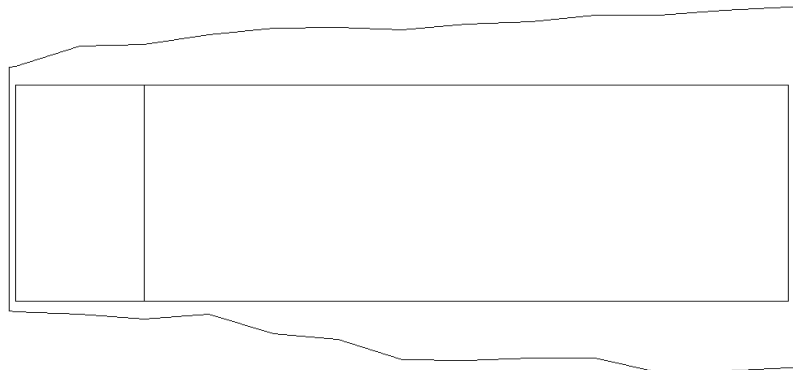
Machine SmlLine: Canter VSAGang Edge/VSA SmlTB SmlTrim LrgLine: CntrTwin CurvGang Edge/CTw
 Passes 1 1 1 2
 Machine Edg/Gang LrgTB LrgTrim



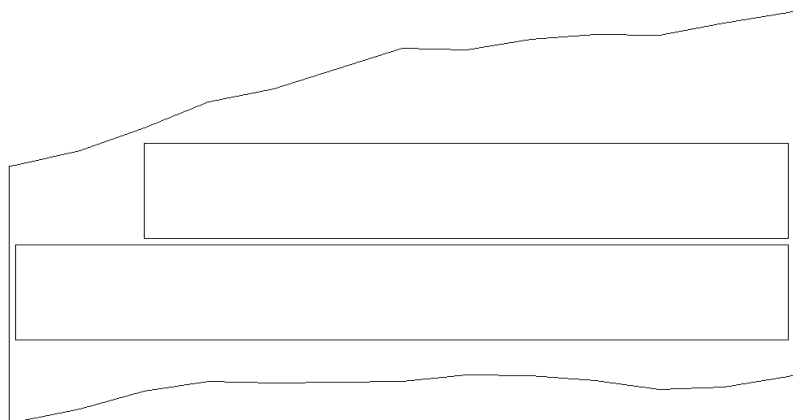
Log: 3962/ 1
Pattern: 4"CantS
Dia= 4.43 Len= 12.33
Tap= 0.207 Swe= 0.8
Hor= 0.000 Ver= 0.226
Val= 6.51 Rec= 6.549



Top Left View



Top View



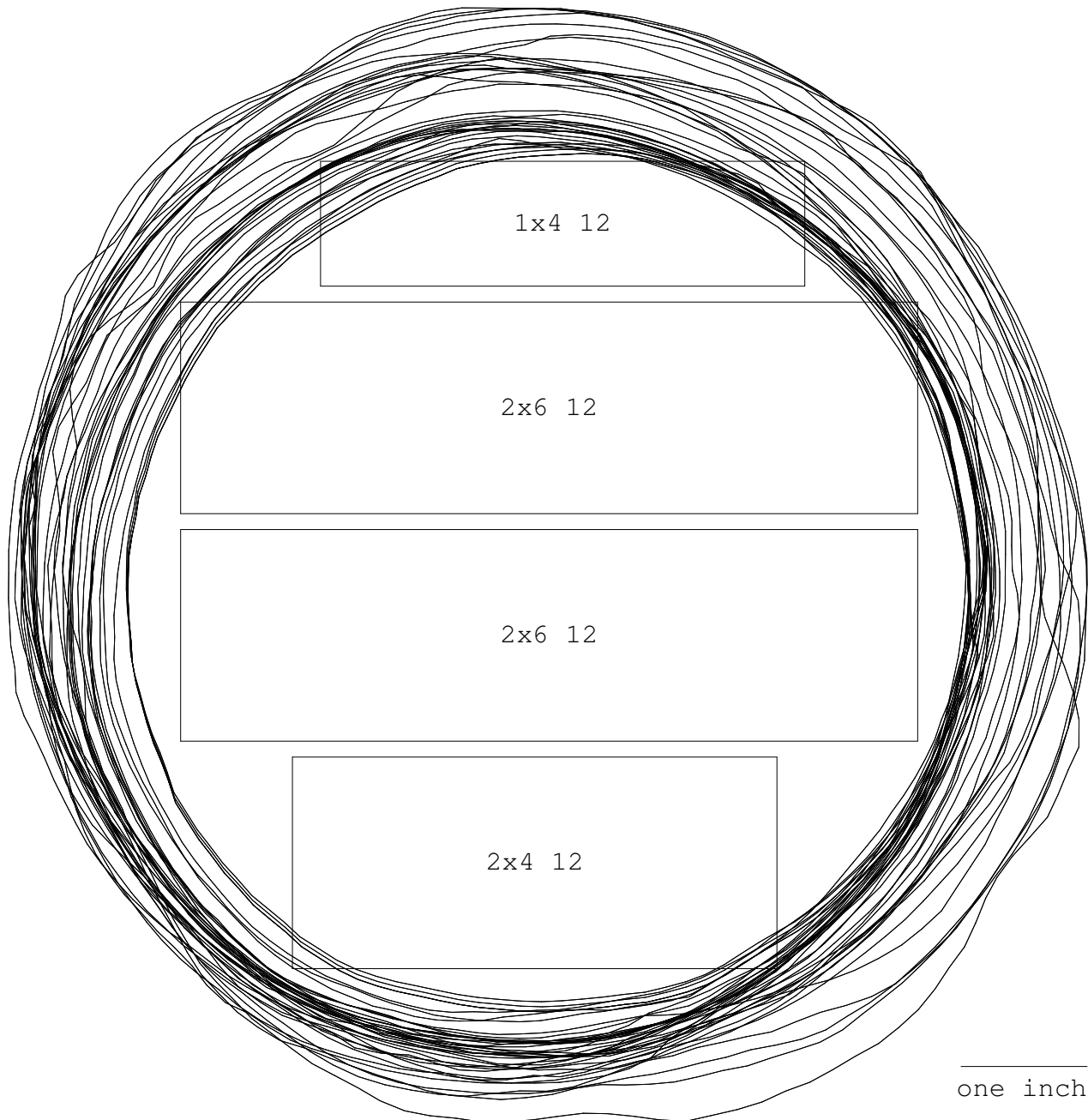
L.H.S. Elevation

Log: 3961/ 1 Pattern: 6"CantS No. of Logs: 43.2

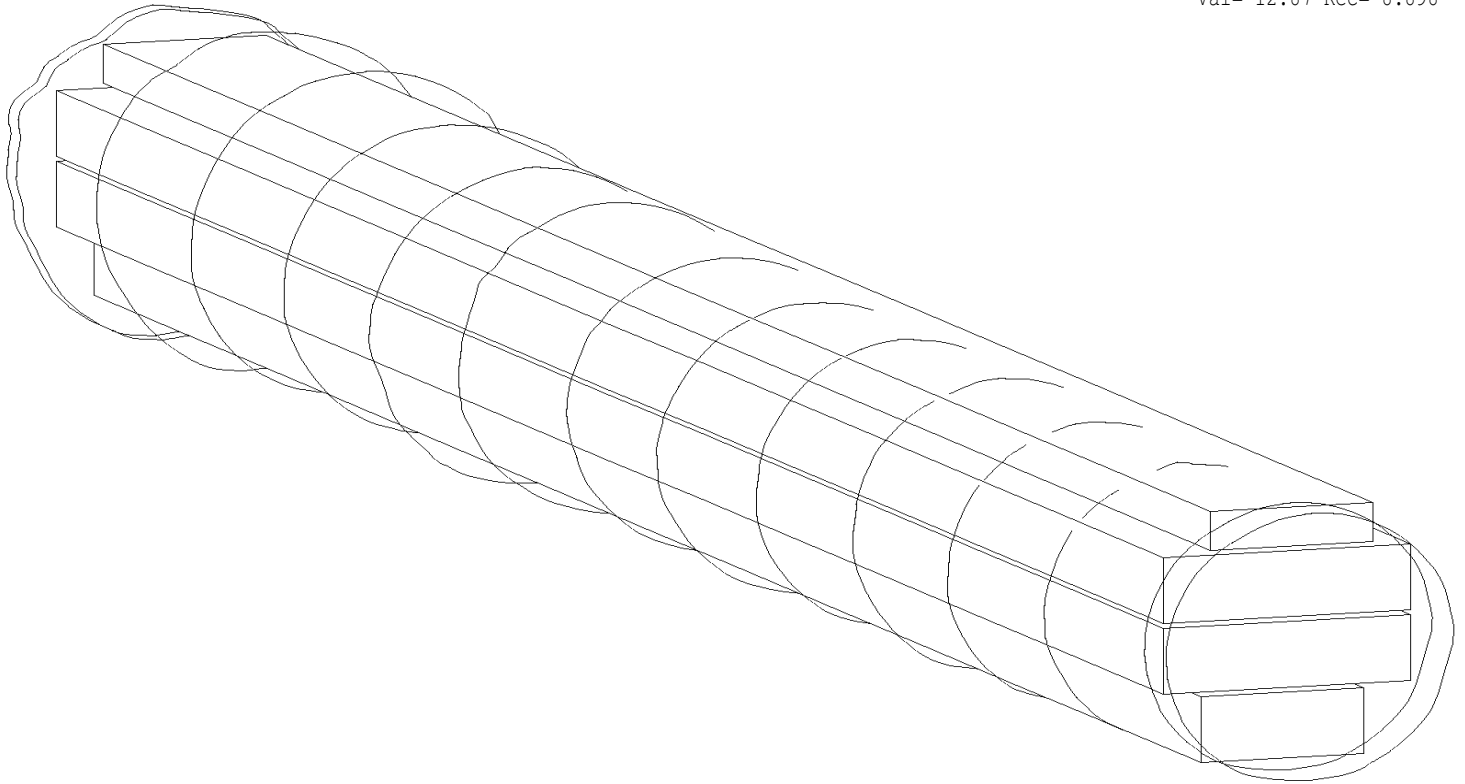
Dia	Len	Taper	Sweep	-- Offset	-- Pcs	BF	Log	Lbr	Chip	Lumber	Cost	Gross Value		
in	ft	in/ft	in	Hor	Ver Lbr	Lbr	Vol	Recov	Vol	\$	\$	\$ Recov		
6.81	12.34	0.099	0.6	0.000	0.226	4	34.41	3.868	8.898	0.017	11.06	0.30	12.87	332.9

--Chips--	-Sawdust-	Shavings	Dry-trim	Shrink	Defect	FinLum	Total
Vol	\$	Vol	\$	Vol	\$	Vol	Vol
0.0173	1.56	0.0041	0.16	0.0046	0.09	0.0000	0.00
0.122	0.000	1.940	3.868	0.000	0.000	1.940	3.868
% 31.10		7.33		8.26		0.00	
				0.00		3.15	0.00
						50.16	100

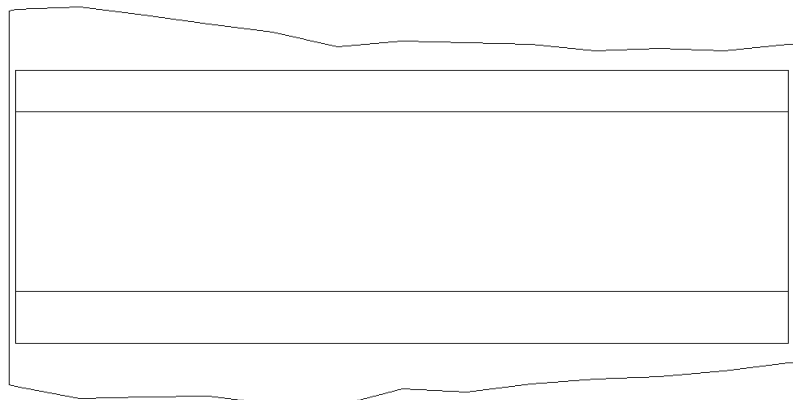
Machine SmlLine: Canter VSAGang Edge/VSA SmlTB SmlTrim LrgLine: CntrTwin CurvGang Edge/CTw
 Passes 1 1 2 4
 \$ 0.30
 Machine Edg/Gang LrgTB LrgTrim



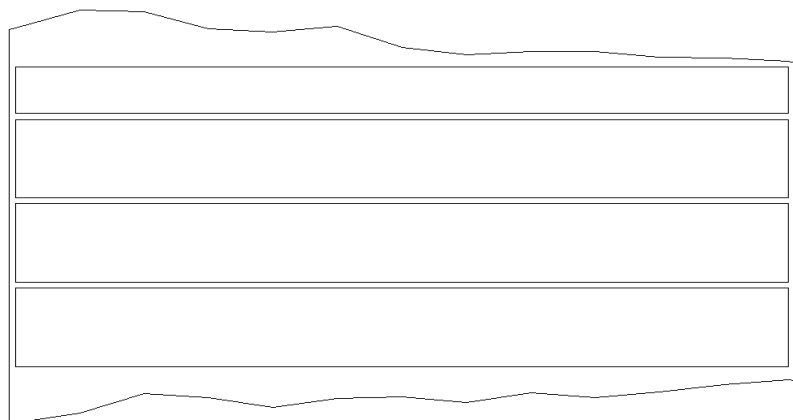
Log: 3961/ 1
Pattern: 6"CantS
Dia= 6.81 Len= 12.34
Tap= 0.099 Swe= 0.6
Hor= 0.000 Ver= 0.226
Val= 12.87 Rec= 8.898



Top Left View



Top View



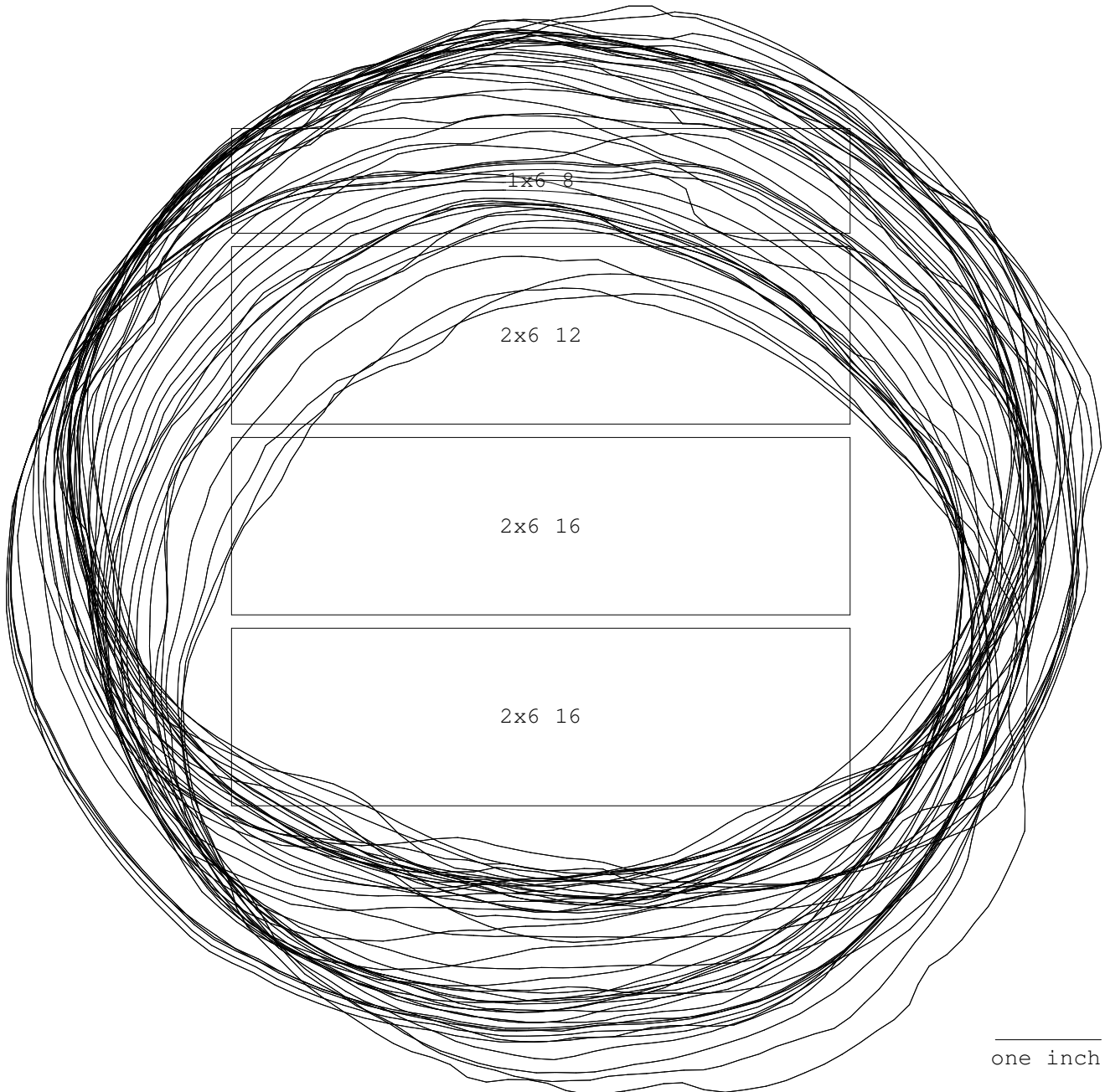
L.H.S. Elevation

Log: 3937/ 1 Pattern: 6"CantS No. of Logs: 43.2

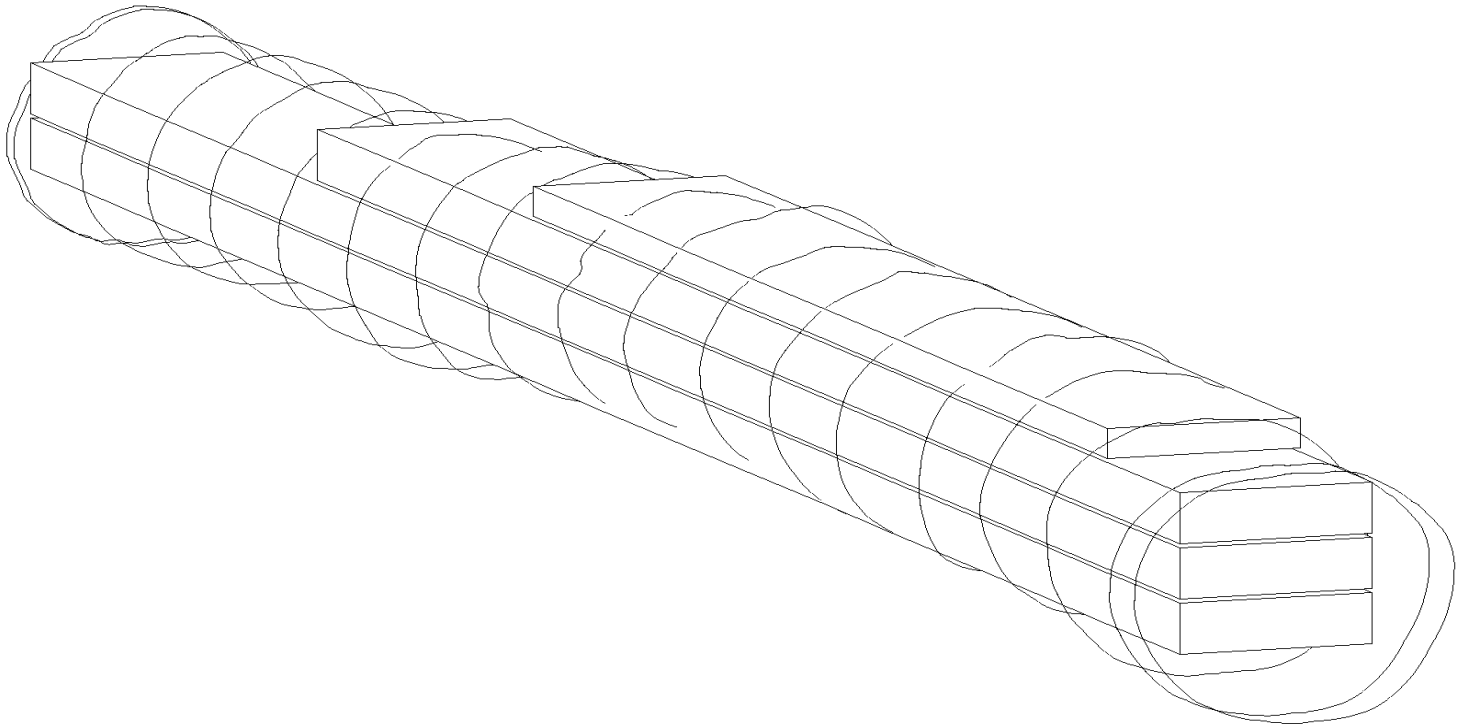
Dia	Len	Taper	Sweep	-- Offset	-- Pcs	BF	Log	Lbr	Chip	Lumber	Cost	Gross Value		
in	ft	in/ft	in	Hor	Ver Lbr	Lbr	Vol	Recov	Vol	\$	\$	\$ Recov		
7.83	16.44	0.058	1.8	-0.250	0.451	4	46.01	6.293	7.311	0.038	17.06	0.00	20.87	331.7

--Chips--	-Sawdust-	Shavings	Dry-trim	Shrink	Defect	FinLum	Total
Vol	\$	Vol	\$	Vol	\$	Vol	Vol
0.0381	3.43	0.0066	0.27	0.0055	0.11	0.0000	0.00
% 42.08		7.33		6.11		0.00	
						2.62	0.00
						41.86	100

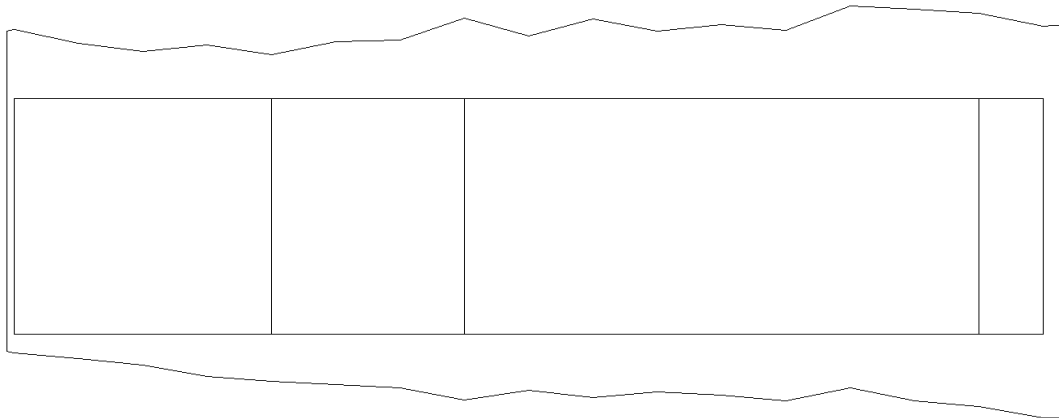
Machine SmlLine: Canter VSAGang Edge/VSA SmlTB SmlTrim LrgLine: CntrTwin CurvGang Edge/CTw
 Passes 1 1 2 4
 Machine Edg/Gang LrgTB LrgTrim



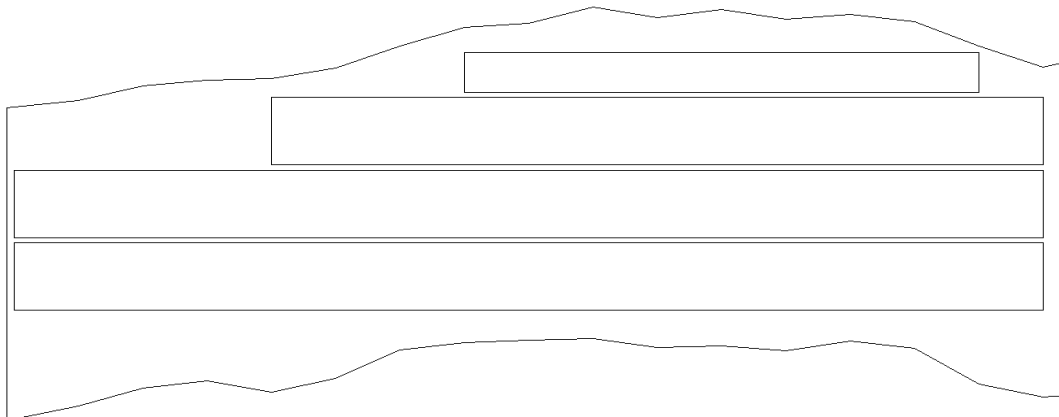
Log: 3937/ 1
Pattern: 6"CantS
Dia= 7.83 Len= 16.44
Tap= 0.058 Swe= 1.8
Hor=-0.250 Ver= 0.451
Val= 20.87 Rec= 7.311



Top Left View



Top View



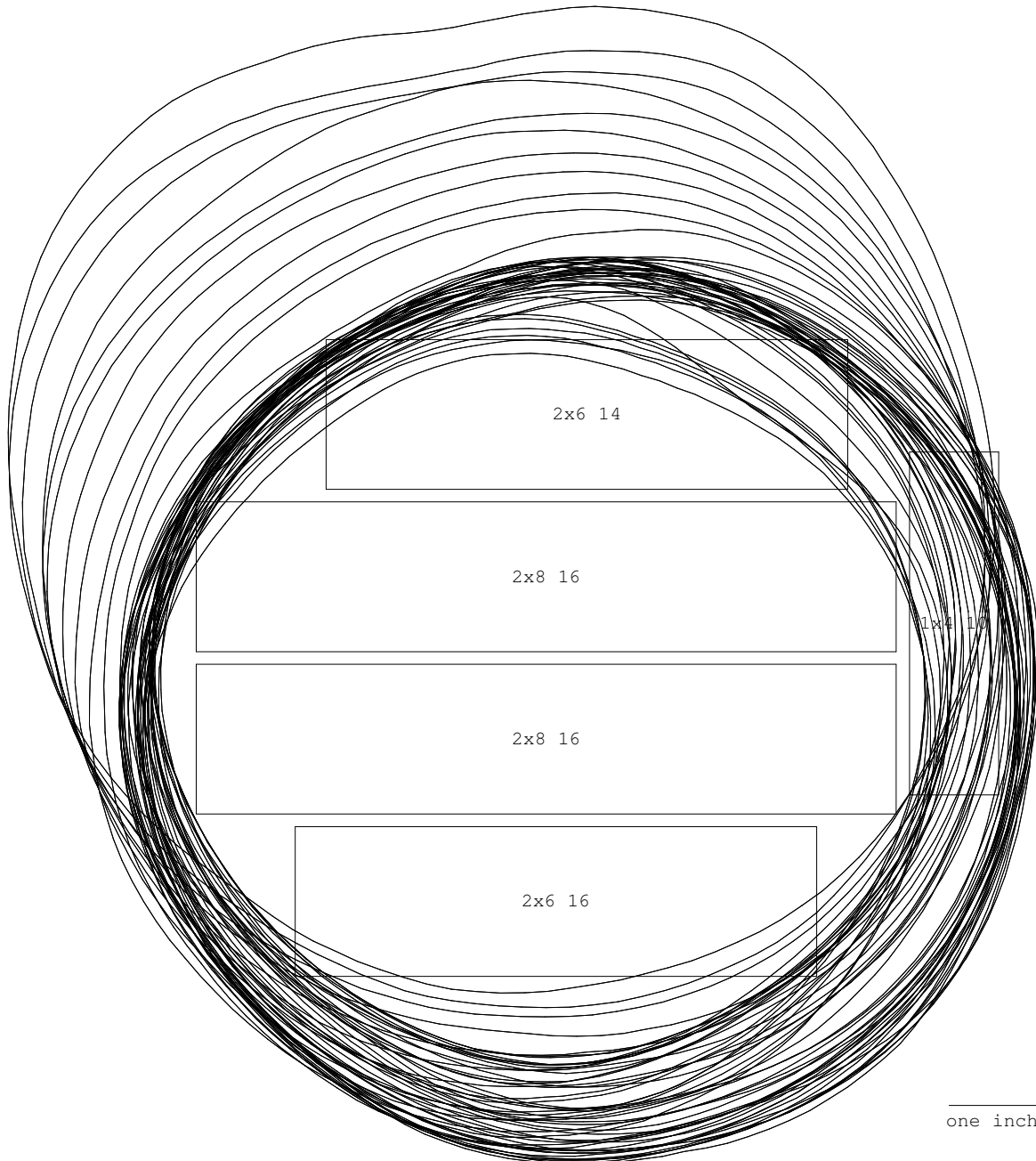
L.H.S. Elevation

Log: 862/ 1 Pattern: 8"CantL No. of Logs: 43.2

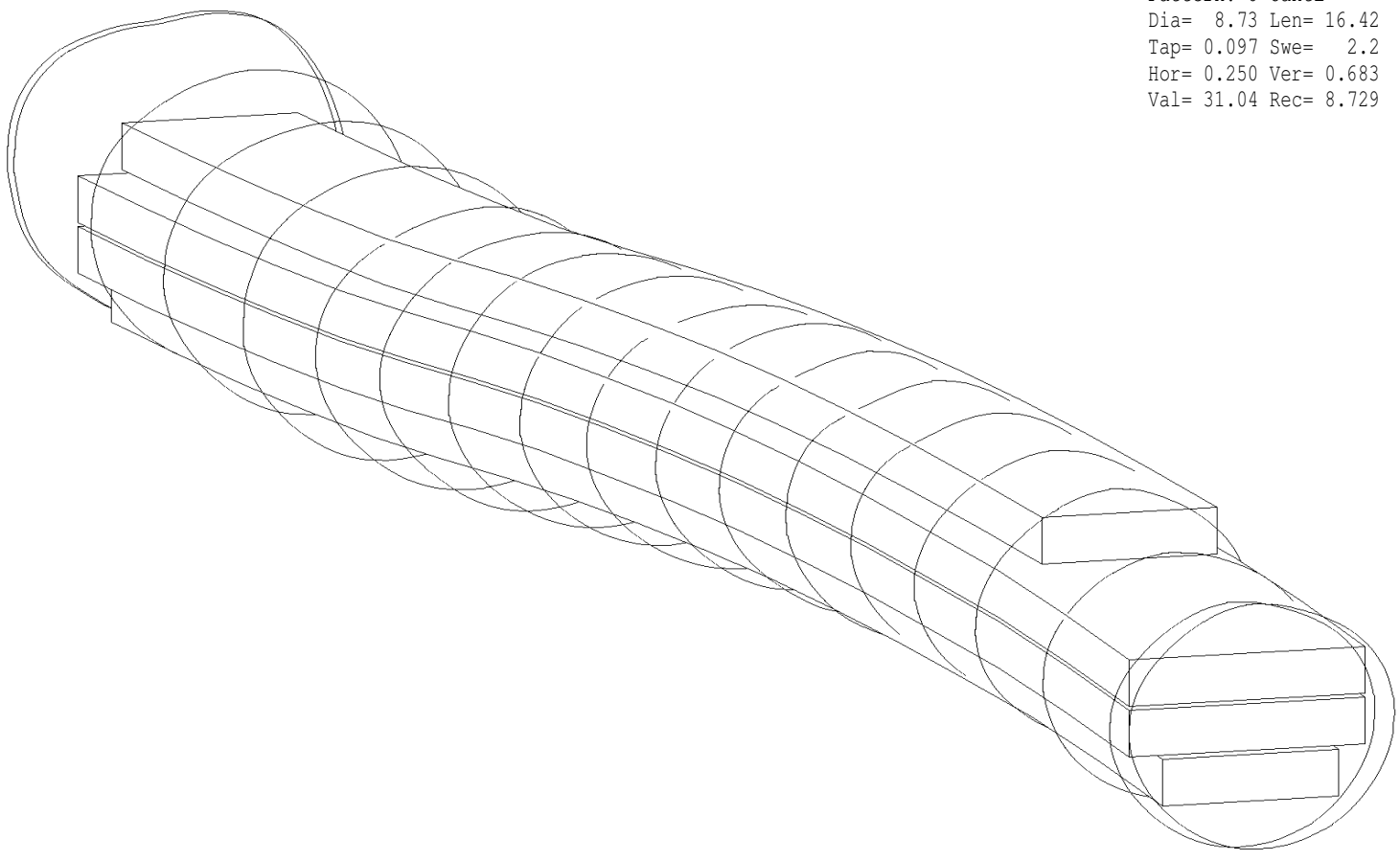
Dia	Len	Taper	Sweep	-- Offset	-- Pcs	BF	Log	Lbr	Chip	Lumber	Cost	Gross Value		
in	ft	in/ft	in	Hor	Ver Lbr	Lbr	Vol	Recov	Vol	\$	\$	\$ Recov		
8.73	16.42	0.097	2.2	0.250	0.683	5	72.99	8.362	8.729	0.035	27.20	0.40	31.04	371.2

--Chips--	-Sawdust-	Shavings	Dry-trim	Shrink	Defect	FinLum	Total
Vol	\$	Vol	\$	Vol	\$	Vol	Vol
0.0347	3.12	0.0132	0.53	0.0091	0.18	0.0000	0.00
0.260	0.000	0.260	0.000	4.144	8.362		
% 28.81		10.99		7.53		0.00	
				0.00		3.11	0.00
						49.56	100

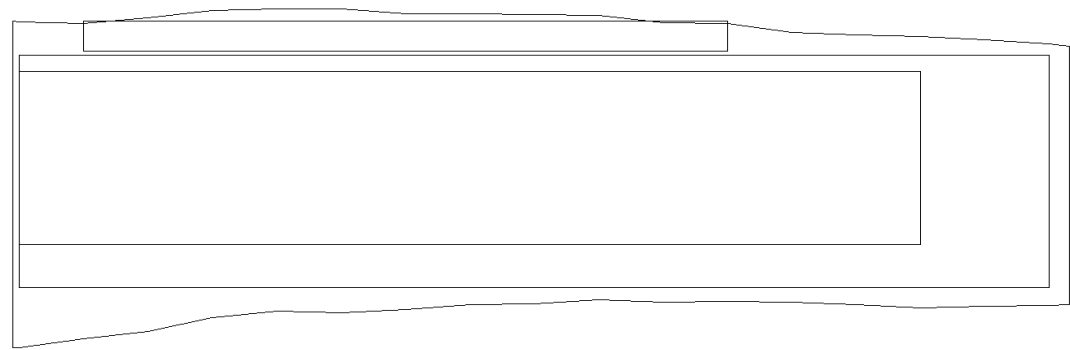
Machine	SmlLine:	Canter	VSAGang	Edge/VSA	SmlTB	SmlTrim	LrgLine:	CntrTwin	CurvGang	Edge/CTw
Passes								1	1	1
\$										0.10
Machine	Edg/Gang	LrgTB	LrgTrim							
Passes	2	2	5							
\$	0.30									



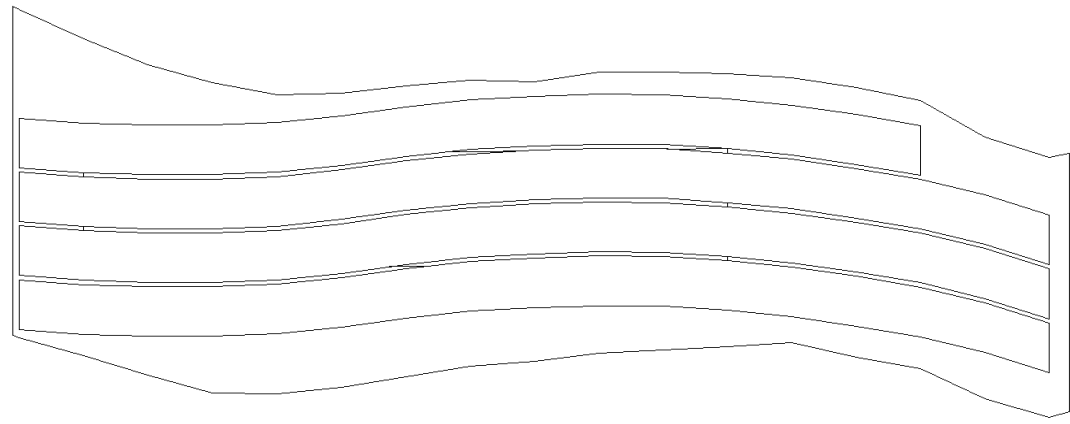
Log: 862/ 1
Pattern: 8"CantL
Dia= 8.73 Len= 16.42
Tap= 0.097 Swe= 2.2
Hor= 0.250 Ver= 0.683
Val= 31.04 Rec= 8.729



Top Left View



Top View



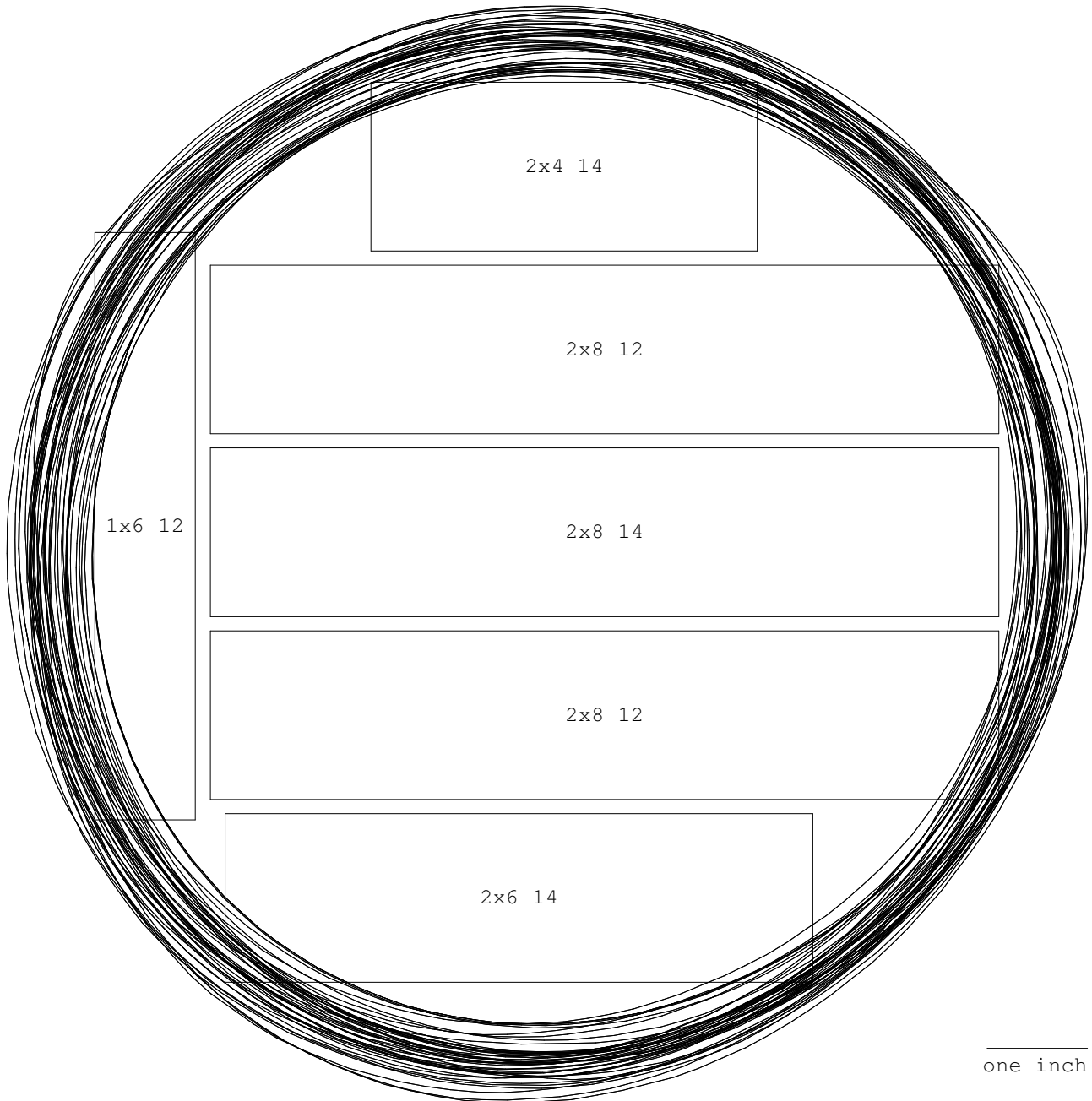
L.H.S. Elevation

Log: 875/ 1 Pattern: 8"CantL No. of Logs: 43.2

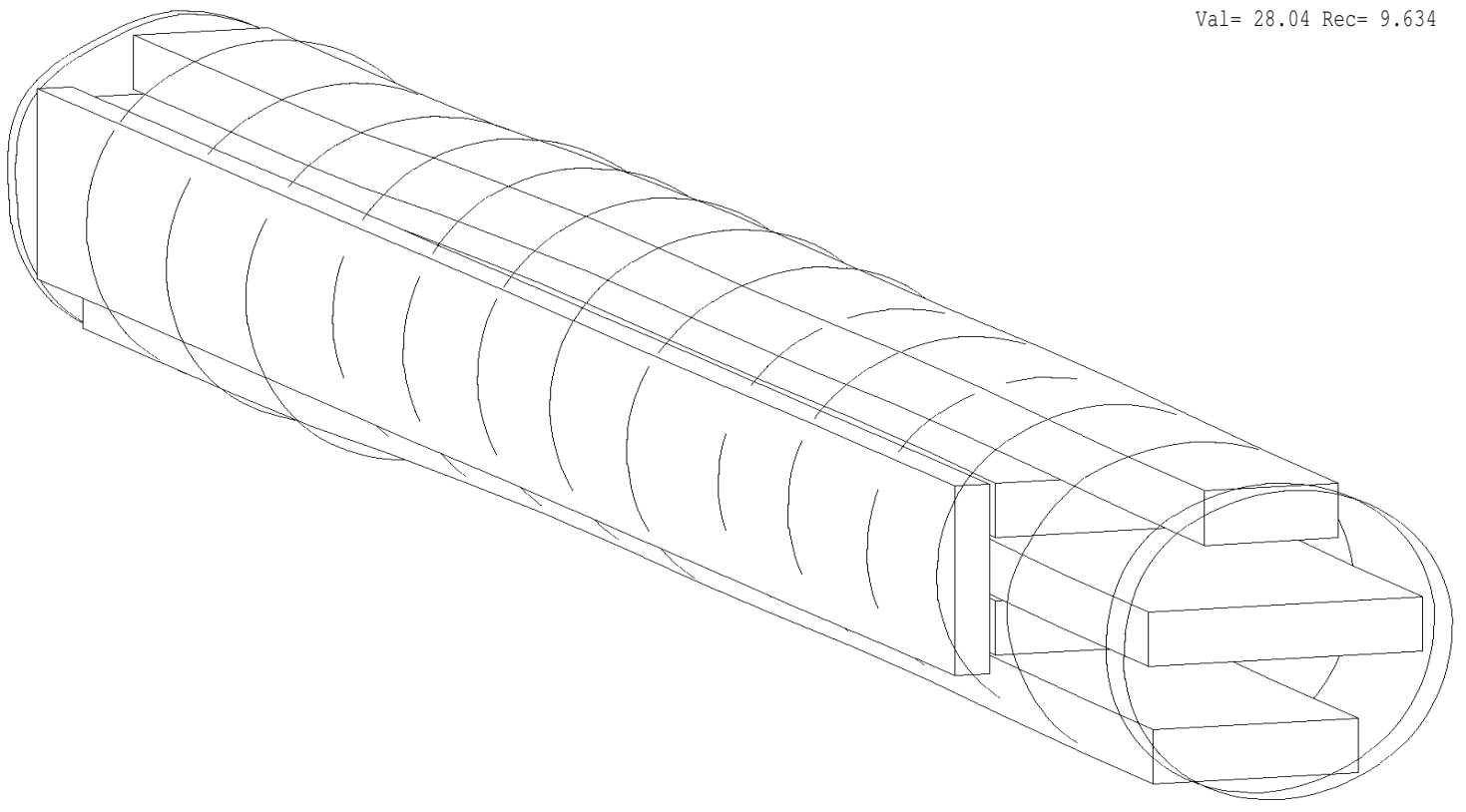
Dia	Len	Taper	Sweep	-- Offset	-- Pcs	BF	Log	Lbr	Chip	Lumber	Cost	Gross Value		
in	ft	in/ft	in	Hor	Ver Lbr	Lbr	Vol	Recov	Vol	\$	\$	\$ Recov		
9.49	14.34	0.089	0.6	0.750	0.228	6	76.64	7.955	9.634	0.026	25.03	0.40	28.04	352.5

--Chips--	-Sawdust-	Shavings	Dry-trim	Shrink	Defect	FinLum	Total
Vol	\$	Vol	\$	Vol	\$	Vol	Vol
0.0256	2.30	0.0124	0.50	0.0102	0.20	0.0000	0.00
0.272	0.000	0.272	0.000	4.332	7.955		
% 22.33		10.87		8.92	0.00	3.42	0.00
						54.46	100

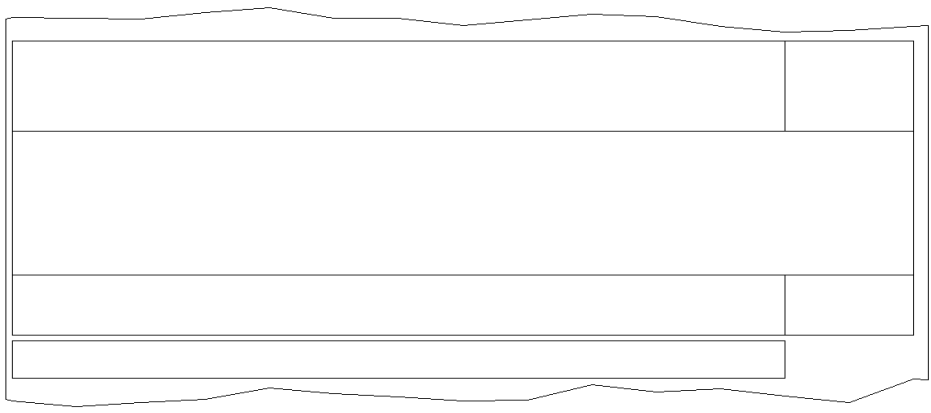
Machine	SmlLine:	Canter	VSAGang	Edge/VSA	SmlTB	SmlTrim	LrgLine:	CntrTwin	CurvGang	Edge/CTw
Passes								1	1	1
\$										0.10
Machine	Edg/Gang	LrgTB	LrgTrim							
Passes	2	3	6							
\$	0.30									



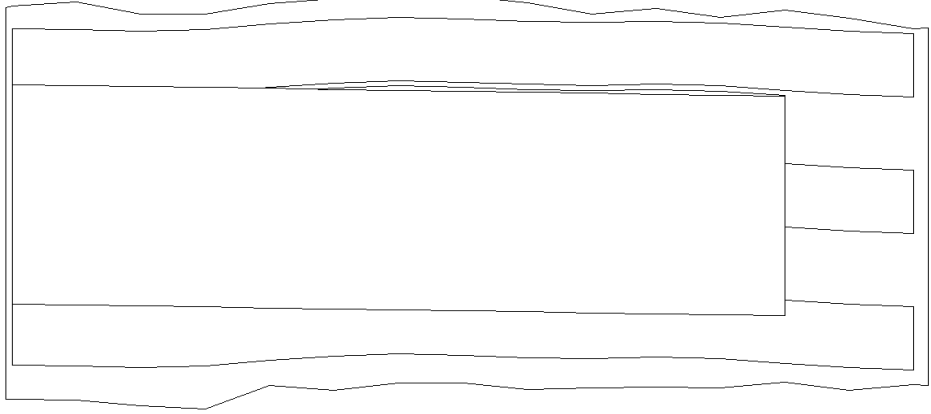
Log: 875/ 1
Pattern: 8"CantL
Dia= 9.49 Len= 14.34
Tap= 0.089 Swe= 0.6
Hor= 0.750 Ver= 0.228
Val= 28.04 Rec= 9.634



Top Left View



Top View



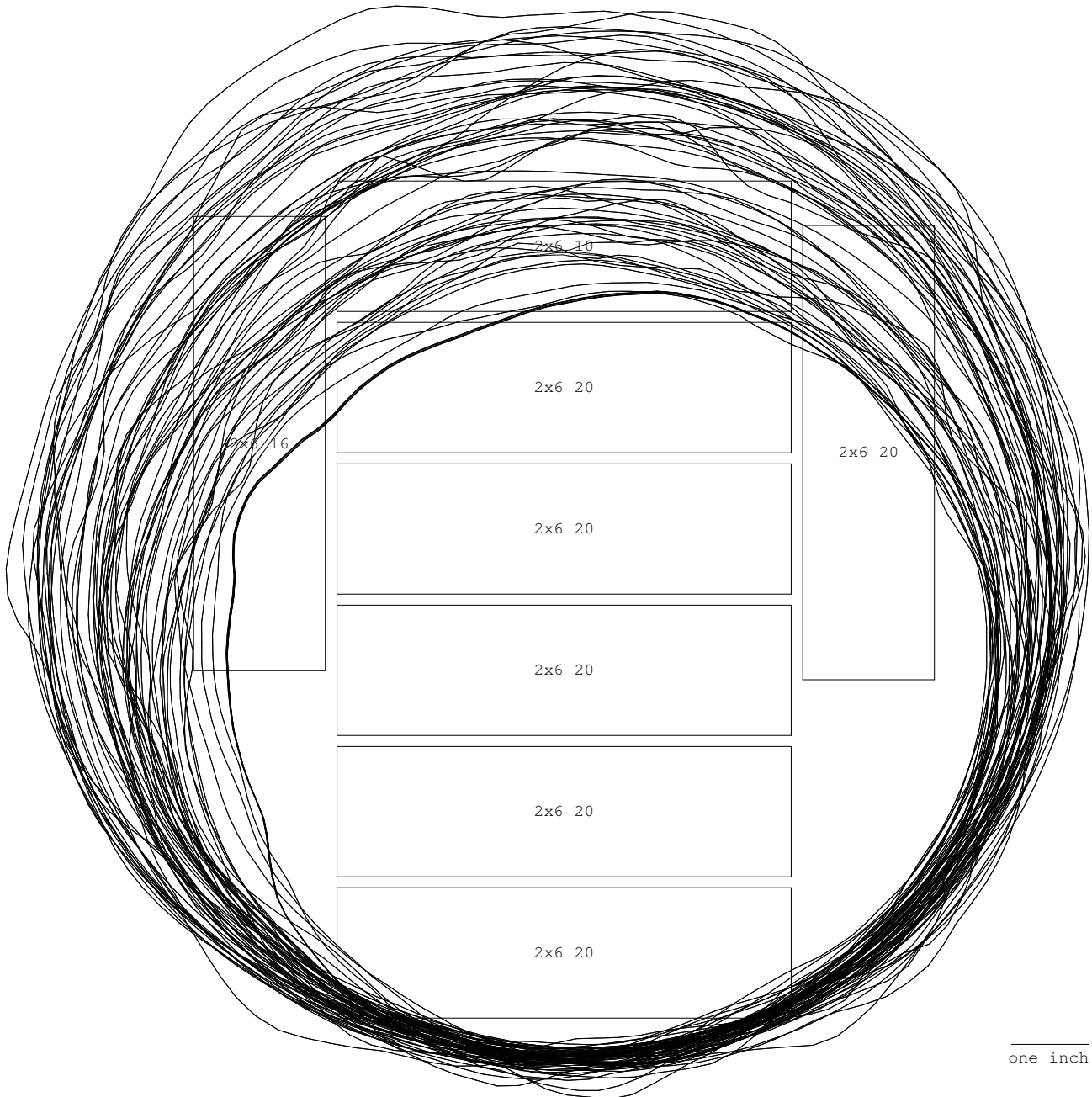
L.H.S. Elevation

Log: 1300/ 1 Pattern: 6"CantL No. of Logs: 43.2

Dia	Len	Taper	Sweep	-- Offset	-- Pcs	BF	Log	Lbr	Chip	Lumber	Cost	Gross Value		
in	ft	in/ft	in	Hor	Ver	Lbr	Vol	Recov	Vol	\$	\$	\$ Recov		
9.94	20.74	0.174	1.4	-0.250	0.228	8	140.4	15.65	8.971	0.063	55.18	0.20	62.10	396.8

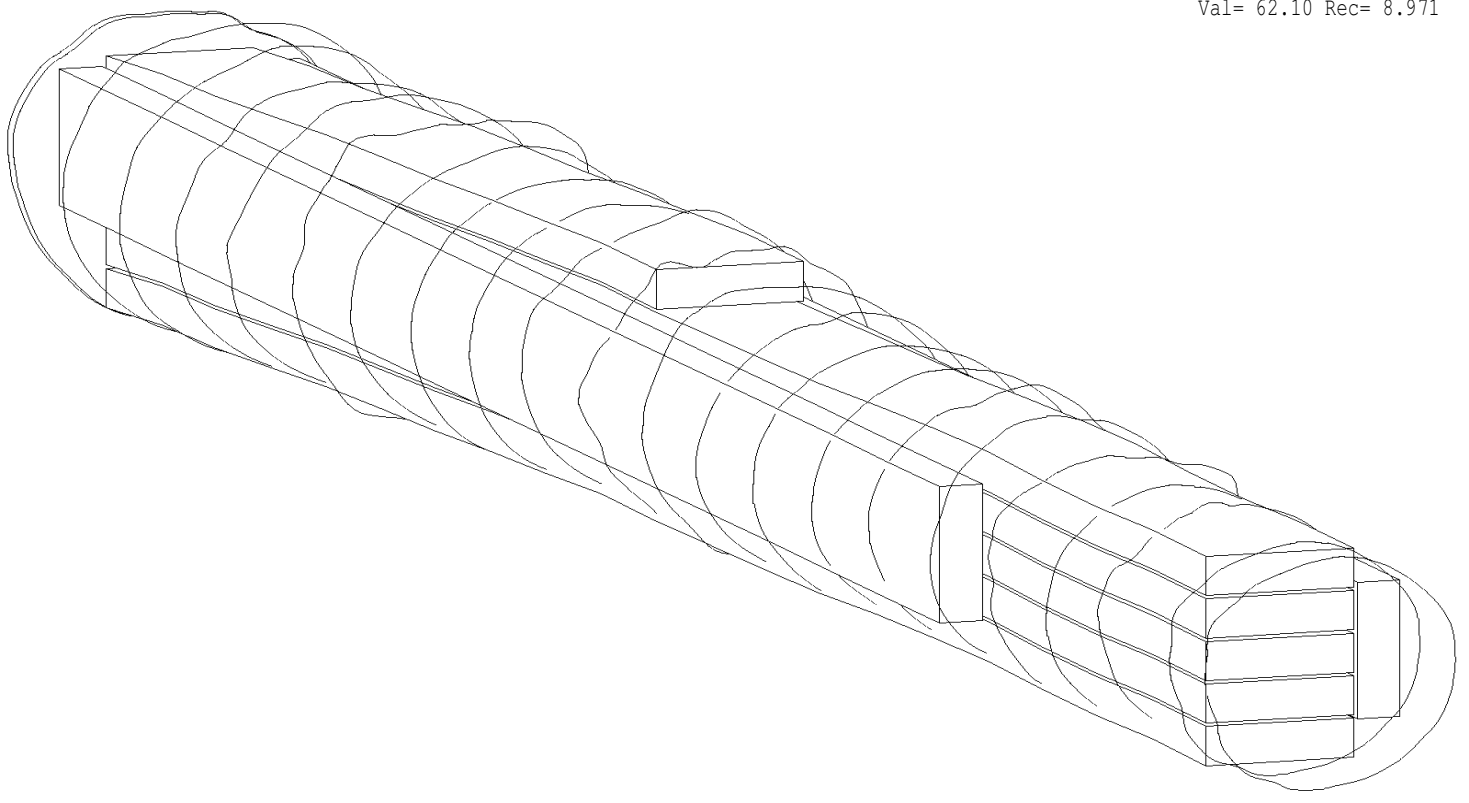
--Chips--	-Sawdust-	Shavings	Dry-trim	Shrink	Defect	FinLum	Total
Vol	\$	Vol	\$	Vol	\$	Vol	Vol
0.0627	5.64	0.0245	0.98	0.0152	0.30	0.0000	0.00
0.504	0.000	0.000	8.041	15.652			
% 27.80		10.86		6.74		0.00	3.22
						0.00	51.37
							100

Machine SmlLine: Canter VSAGang Edge/VSA SmlTB SmlTrim LrgLine: CntrTwin CurvGang Edge/CTw
 Passes 1 1 2
 \$ 0.20
 Machine Edg/Gang LrgTB LrgTrim
 Passes 2 8

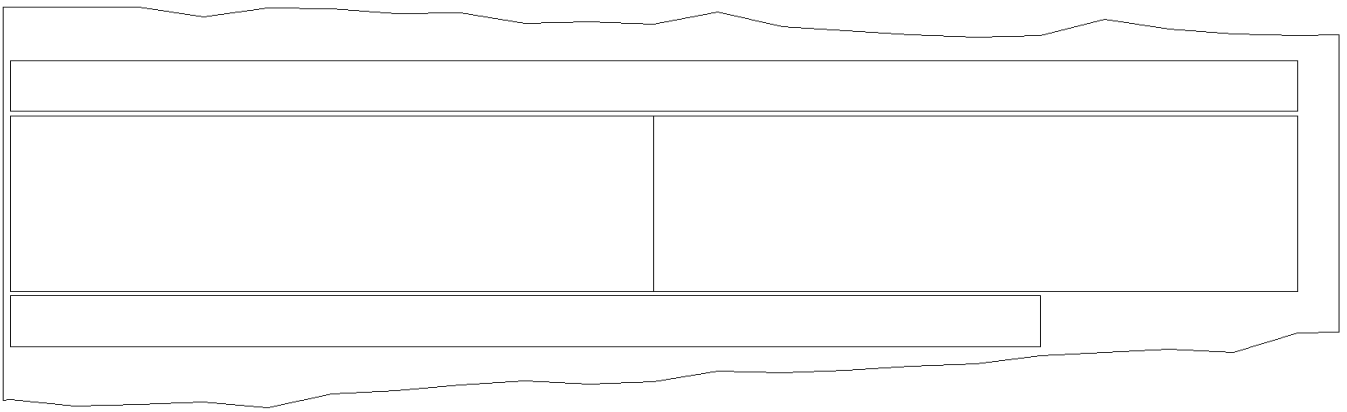


one inch

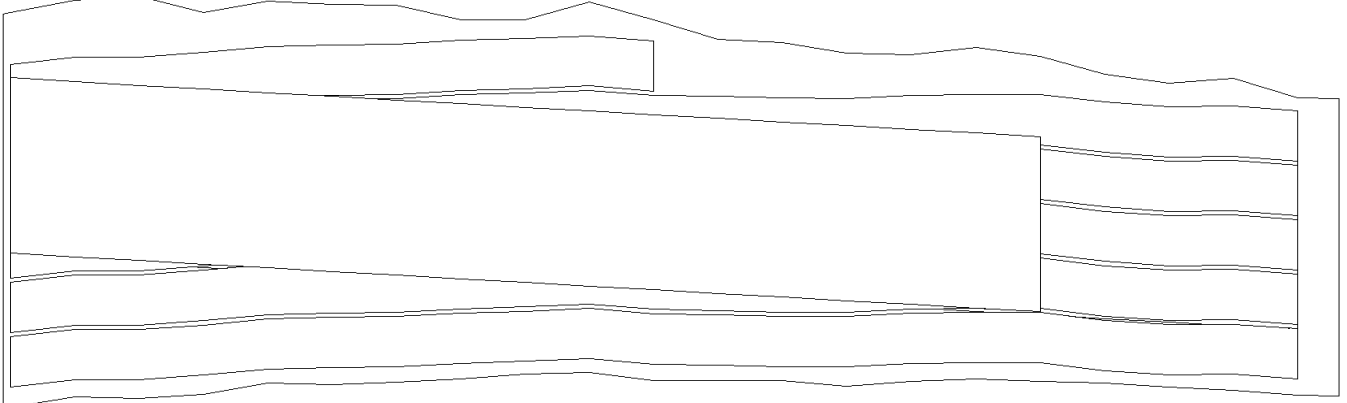
Log: 1300/ 1
Pattern: 6"CantL
Dia= 9.94 Len= 20.74
Tap= 0.174 Swe= 1.4
Hor=-0.250 Ver= 0.228
Val= 62.10 Rec= 8.971



Top Left View



Top View



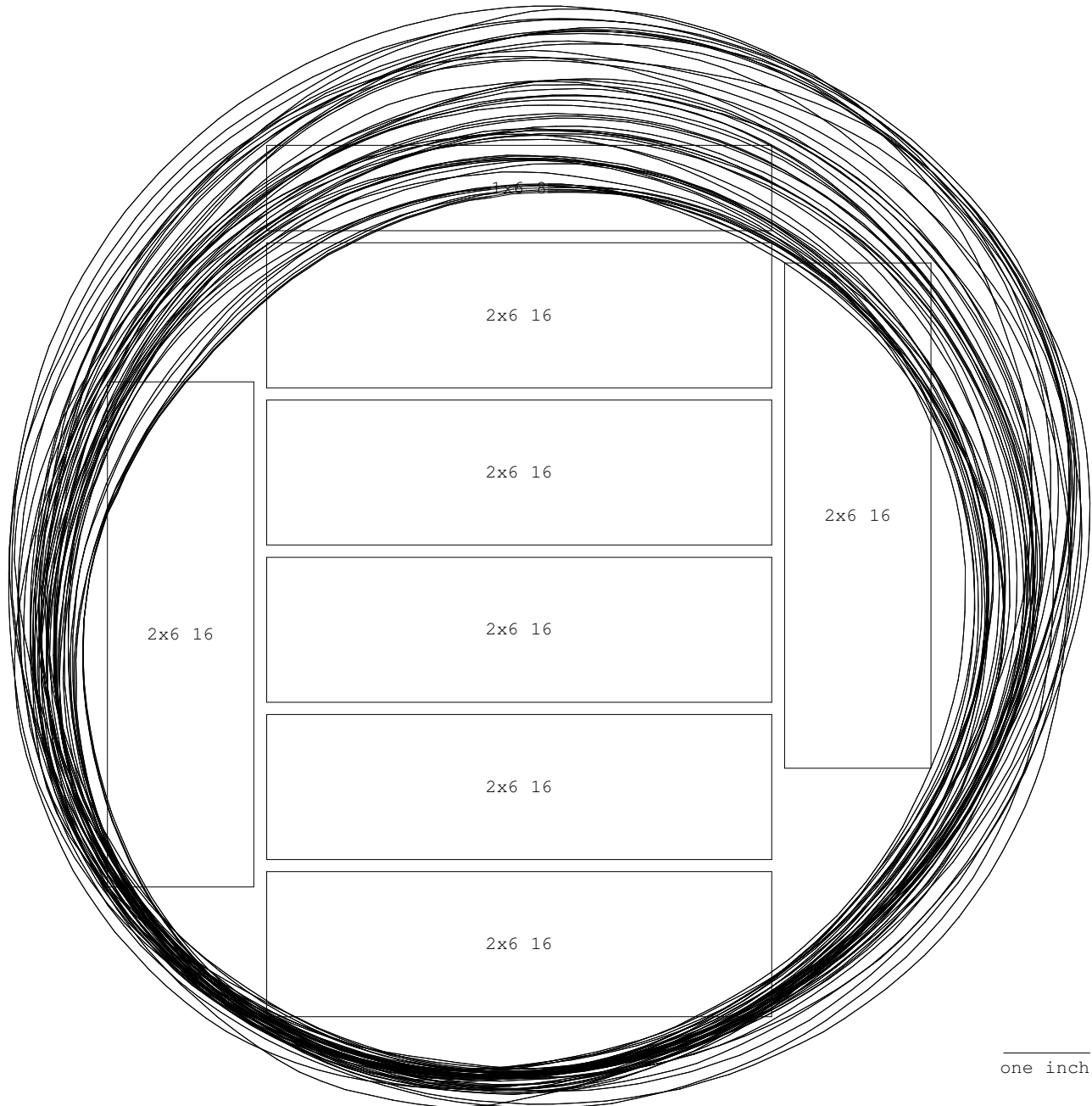
L.H.S. Elevation

Log: 2272/ 1 Pattern: 6"CantL No. of Logs: 43.2

Dia	Len	Taper	Sweep	-- Offset	-- Pcs	BF	Log	Lbr	Chip	Lumber	Cost	Gross Value		
in	ft	in/ft	in	Hor	Ver Lbr	Lbr	Vol	Recov	Vol	\$	\$	\$ Recov		
10.47	16.48	0.085	0.6	-0.500	0.455	8	111.5	11.50	9.695	0.038	44.05	0.20	48.40	421.0

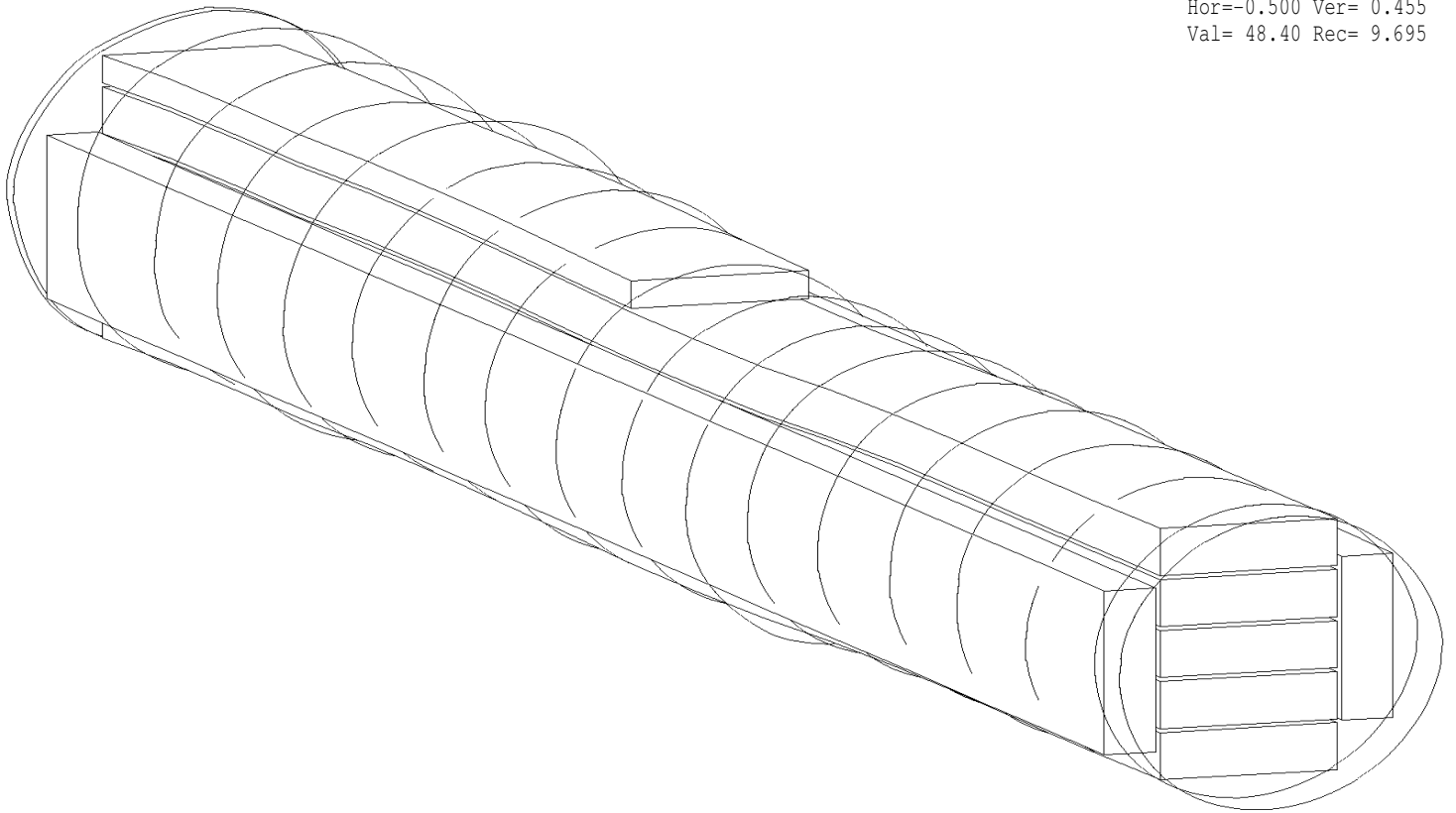
--Chips--		-Sawdust-		Shavings		Dry-trimg		Shrink	Defect	FinLum	Total
Vol	\$	Vol	\$	Vol	\$	Vol	\$	Vol	Vol	Vol	Vol
0.0378	3.40	0.0174	0.70	0.0127	0.25	0.0000	0.00	0.400	0.000	6.381	11.497
% 22.81		10.51		7.70		0.00		3.48	0.00	55.50	100

Machine SmlLine: Canter VSAGang Edge/VSA SmlTB SmlTrim LrgLine: CntrTwin CurvGang Edge/CTw
 Passes 1 1 2
 \$ 0.20
 Machine Edg/Gang LrgTB LrgTrim
 Passes 1 8

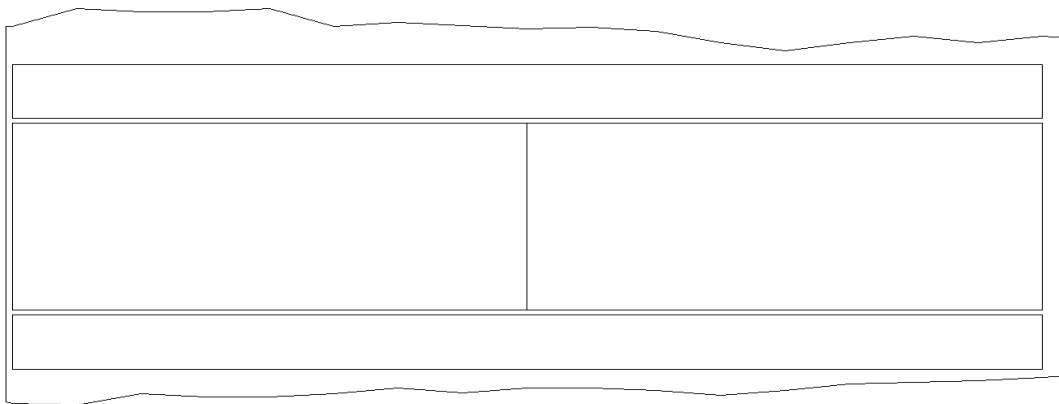


one inch

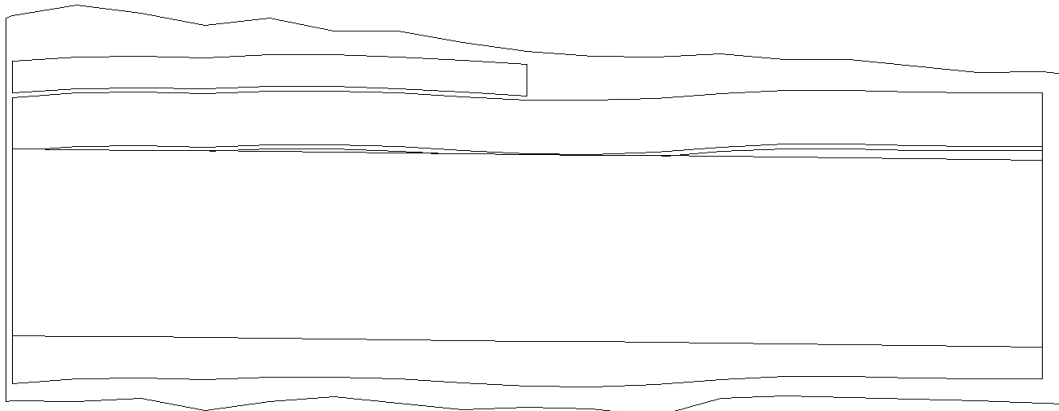
Log: 2272/ 1
Pattern: 6"CantL
Dia= 10.47 Len= 16.48
Tap= 0.085 Swe= 0.6
Hor=-0.500 Ver= 0.455
Val= 48.40 Rec= 9.695



Top Left View



Top View



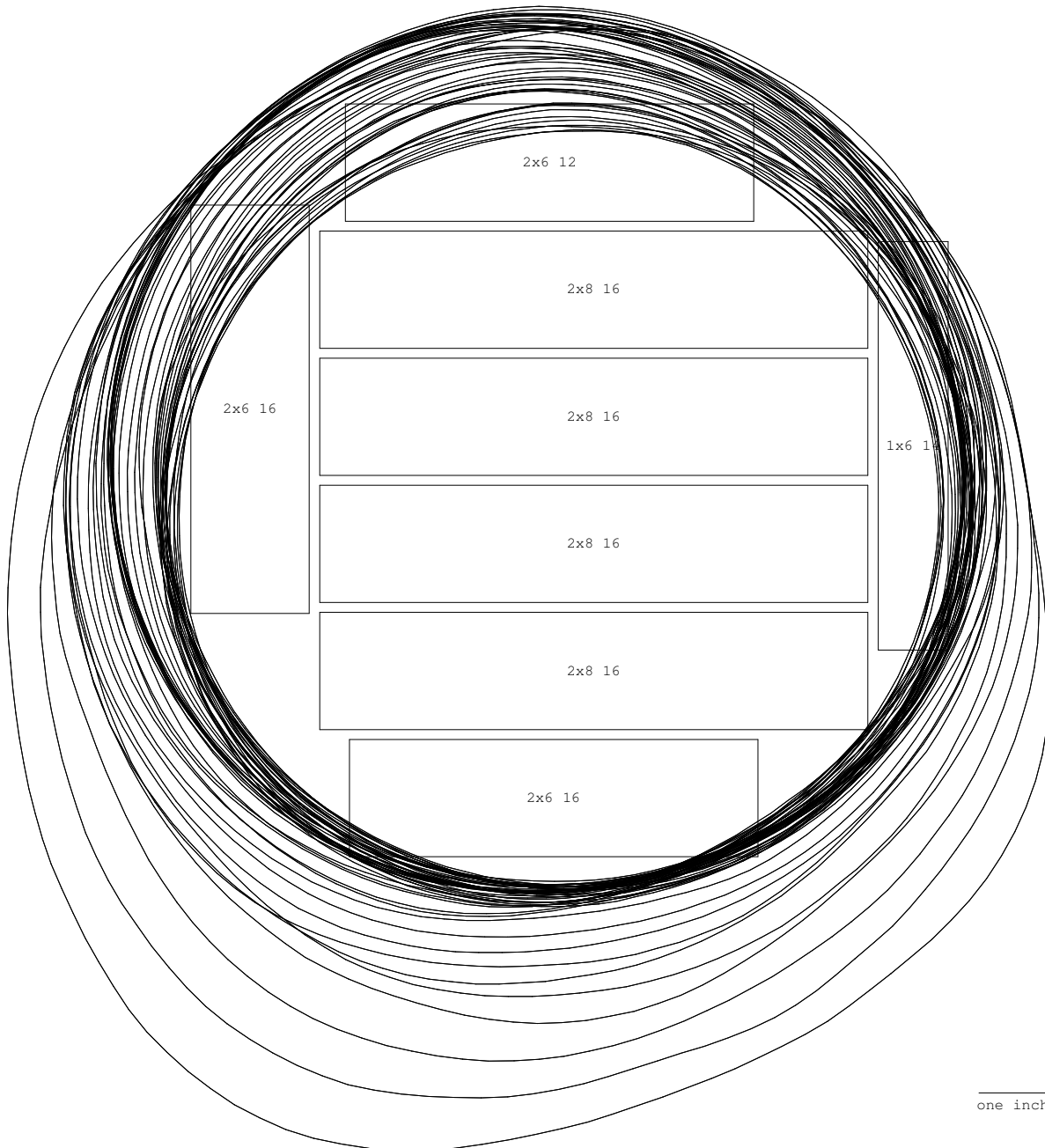
L.H.S. Elevation

Log: 853/ 1 Pattern: 8"CantL No. of Logs: 43.2

Dia	Len	Taper	Sweep	-- Offset	-- Pcs	BF	Log	Lbr	Chip	Lumber	Cost	Gross Value		
in	ft	in/ft	in	Hor	Ver Lbr	Lbr	Vol	Recov	Vol	\$	\$	\$ Recov		
11.20	16.41	0.098	1.6	0.250	0.228	8	131.0	13.46	9.730	0.042	49.45	0.50	54.44	404.3

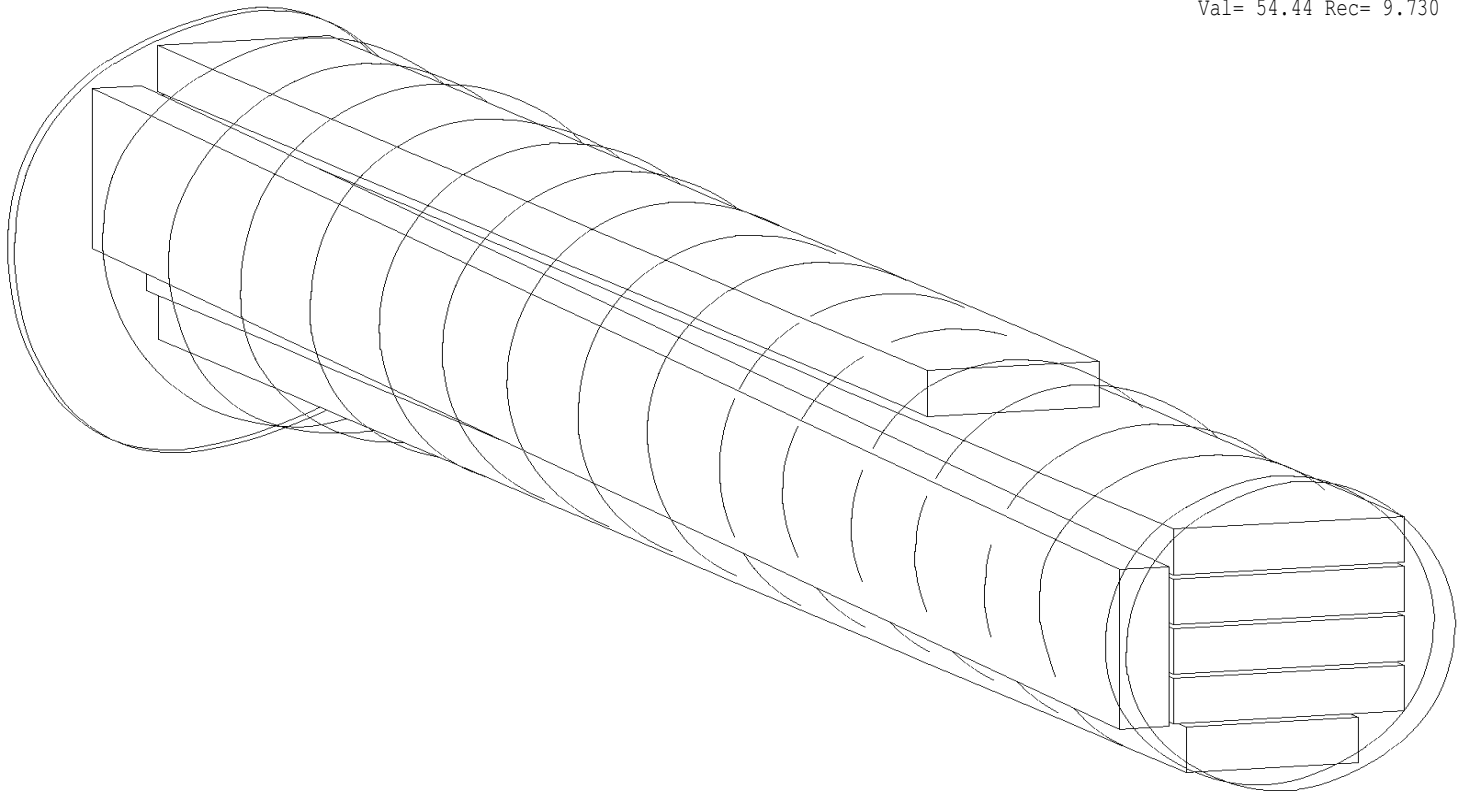
--Chips--	-Sawdust-	Shavings	Dry-trim	Shrink	Defect	FinLum	Total
Vol	\$	Vol	\$	Vol	\$	Vol	Vol
0.0424	3.82	0.0209	0.84	0.0166	0.33	0.0000	0.00
0.467	0.000	7.448	13.464	3.47	0.00	55.31	100
% 21.88		10.77		8.57		0.00	

Machine	SmlLine:	Canter	VSAGang	Edge/VSA	SmlTB	SmlTrim	LrgLine:	CntrTwin	CurvGang	Edge/CTw
Passes								1	1	2
\$										0.20
Machine	Edg/Gang	LrgTB	LrgTrim							
Passes	2	2	8							
\$	0.30									

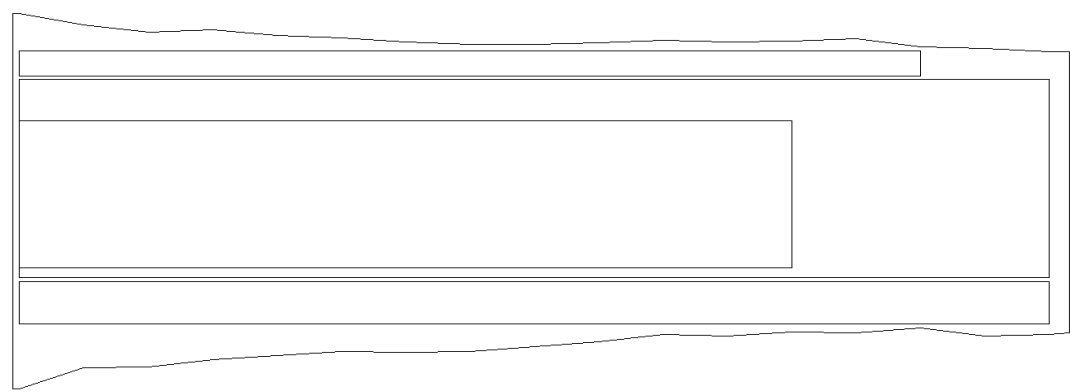


one inch

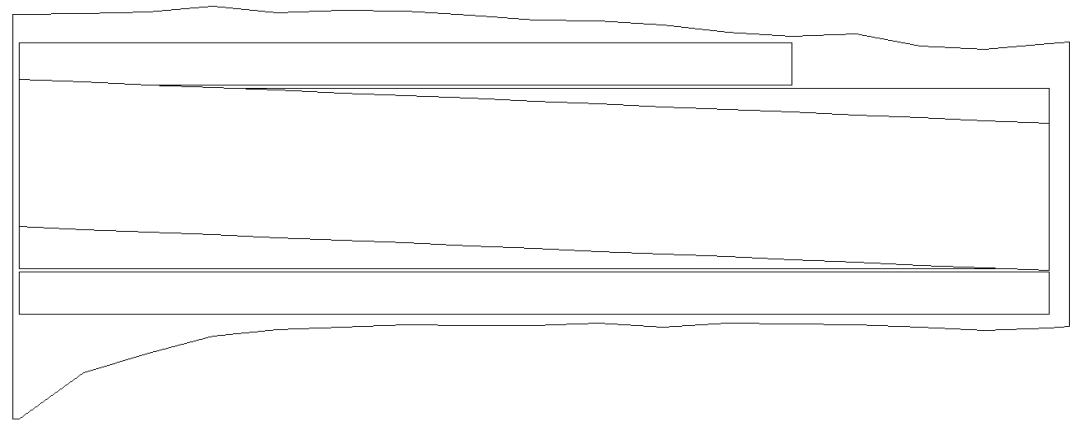
Log: 853/ 1
Pattern: 8"CantL
Dia= 11.20 Len= 16.41
Tap= 0.098 Swe= 1.6
Hor= 0.250 Ver= 0.228
Val= 54.44 Rec= 9.730



Top Left View



Top View



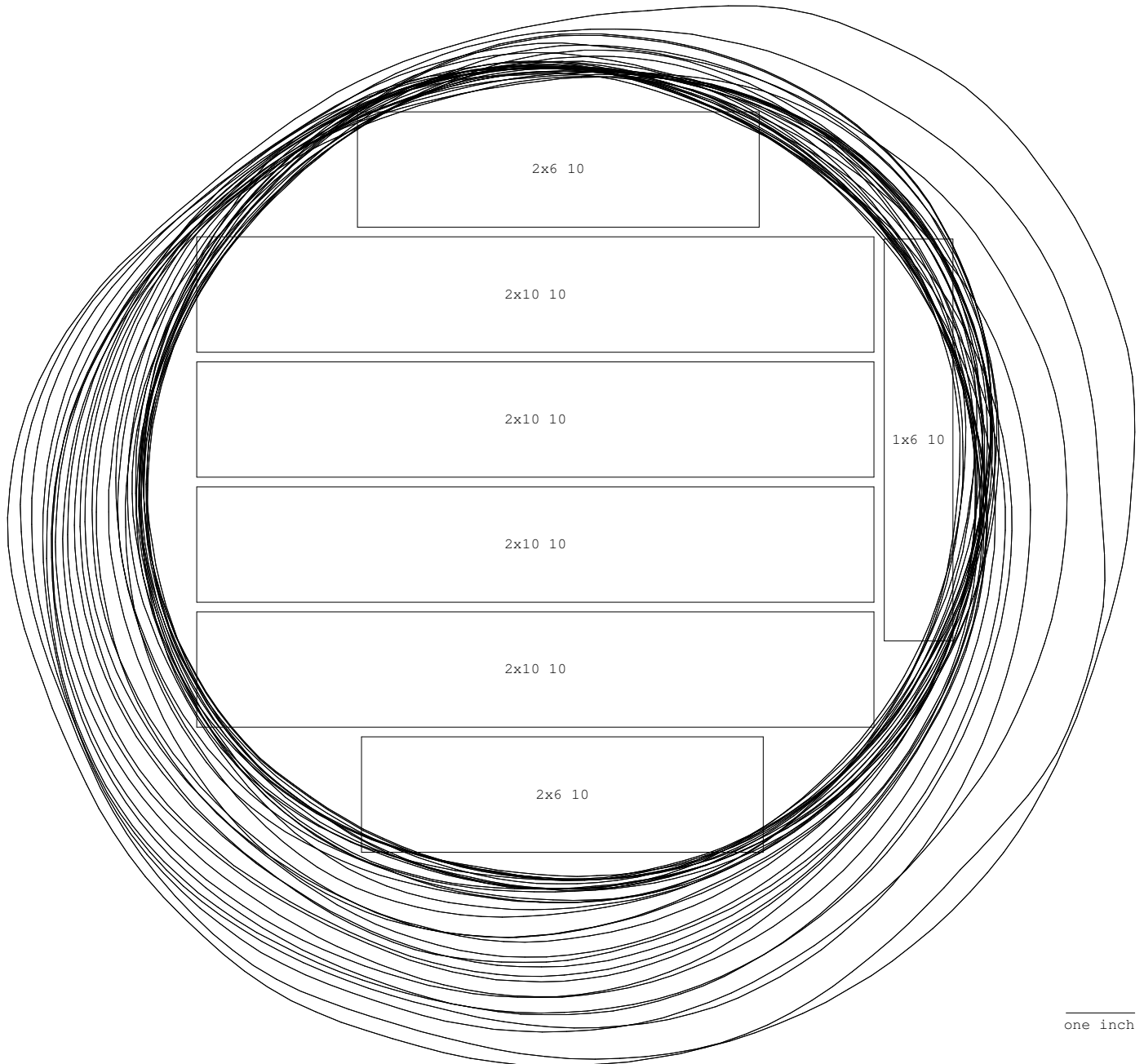
L.H.S. Elevation

Log: 850/ 1 Pattern: 10"CantL No. of Logs: 43.2

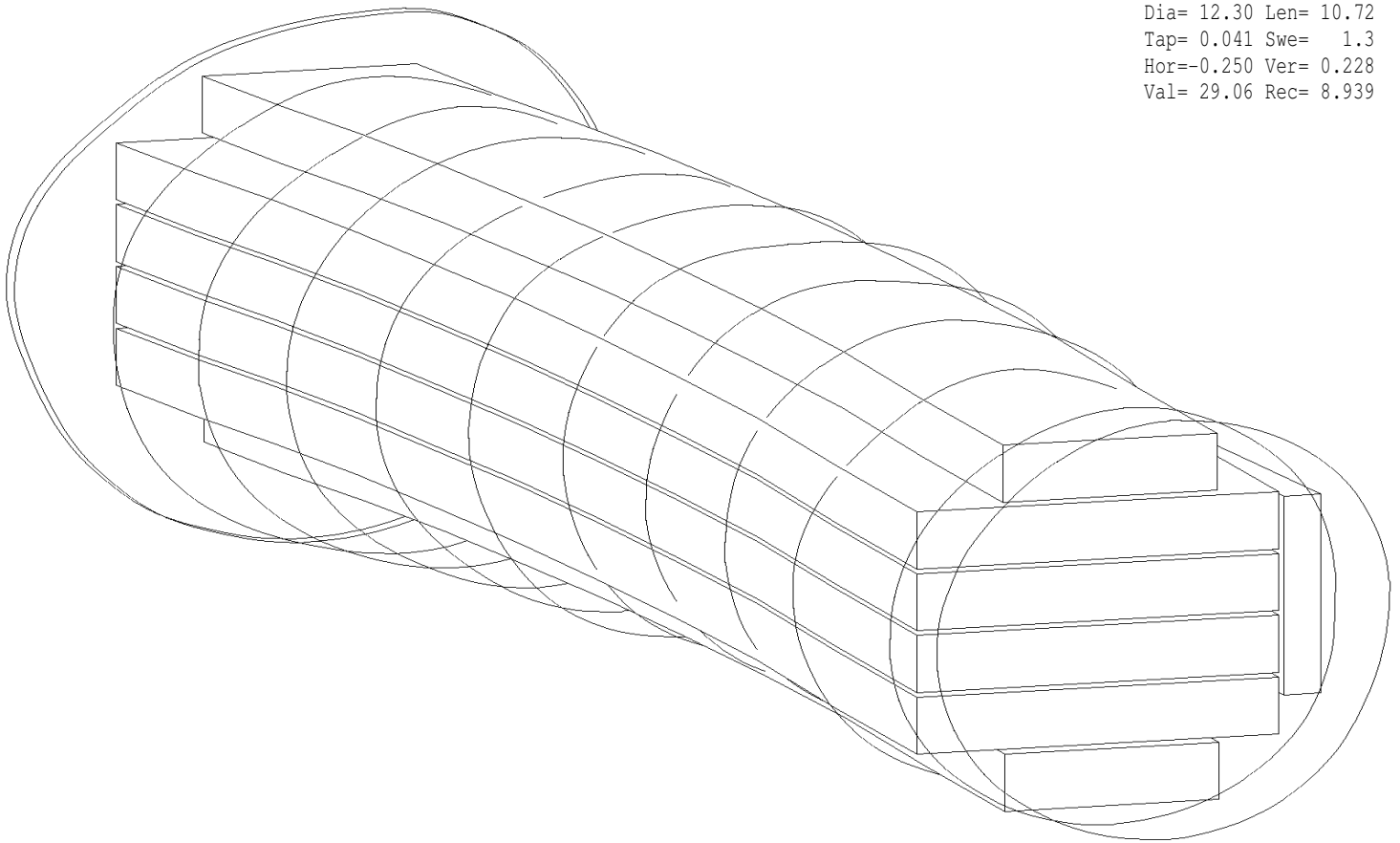
Dia	Len	Taper	Sweep	-- Offset	-- Pcs	BF	Log	Lbr	Chip	Lumber	Cost	Gross Value		
in	ft	in/ft	in	Hor	Ver Lbr	Lbr	Vol	Recov	Vol	\$	\$	\$ Recov		
12.30	10.72	0.041	1.3	-0.250	0.228	7	87.12	9.746	8.939	0.038	24.81	0.40	29.06	298.2

--Chips--	-Sawdust-	Shavings	Dry-trim	Shrink	Defect	FinLum	Total
Vol	\$	Vol	\$	Vol	\$	Vol	Vol
0.0384	3.46	0.0148	0.59	0.0103	0.21	0.0000	0.00
% 27.36		10.56		7.35		0.00	
						3.23	0.00
						51.50	100

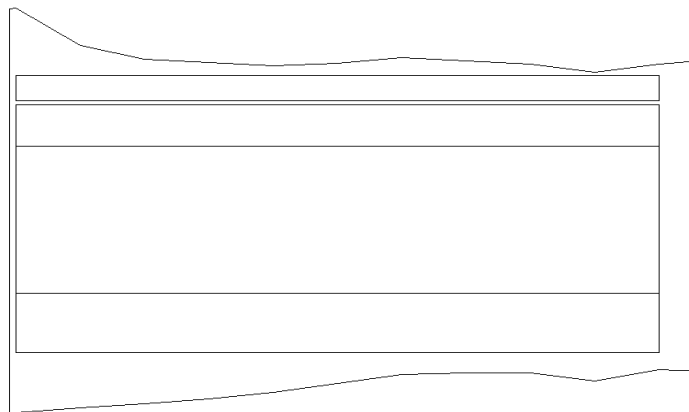
Machine	SmlLine:	Canter	VSAGang	Edge/VSA	SmlTB	SmlTrim	LrgLine:	CntrTwin	CurvGang	Edge/CTw
Passes								1	1	1
\$										0.10
Machine	Edg/Gang	LrgTB	LrgTrim							
Passes	2		7							
\$	0.30									



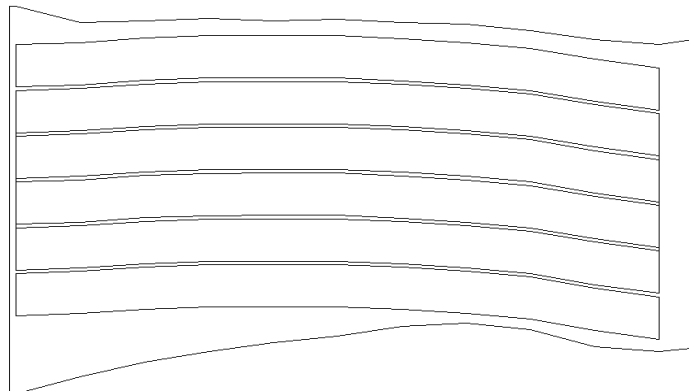
Log: 850/ 1
Pattern: 10"CantL
Dia= 12.30 Len= 10.72
Tap= 0.041 Swe= 1.3
Hor=-0.250 Ver= 0.228
Val= 29.06 Rec= 8.939



Top Left View



Top View



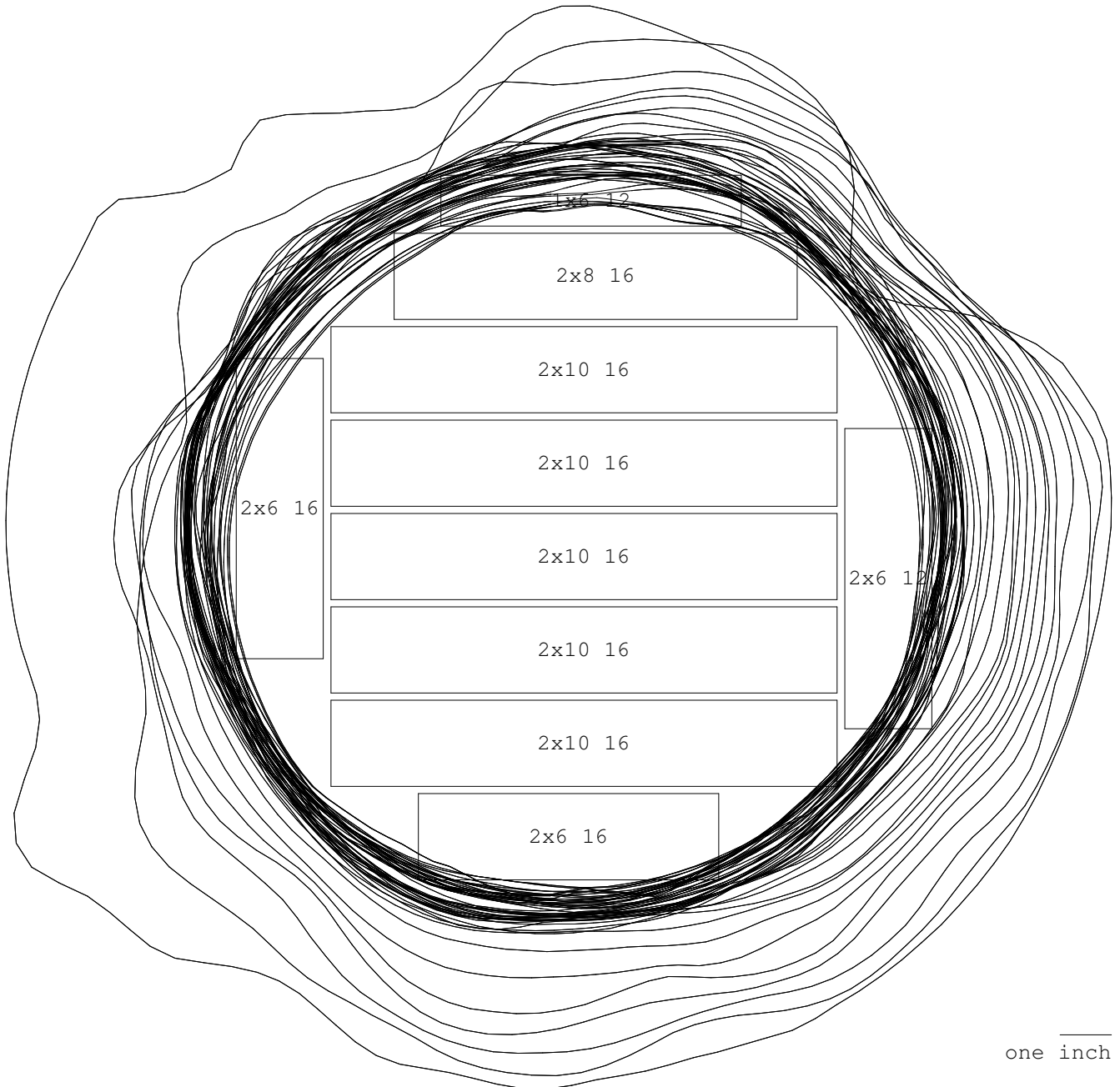
L.H.S. Elevation

Log: 1327/ 1 Pattern: 10"CantL No. of Logs: 43.2

Dia	Len	Taper	Sweep	-- Offset	-- Pcs	BF	Log	Lbr	Chip	Lumber	Cost	Gross Value
in	ft	in/ft	in	Hor	Ver Lbr	Lbr	Vol	Recov	Vol	\$	\$	\$ Recov
13.61	16.48	0.135	1.1	-0.250	0.010	10	196.7	20.60	9.550	0.070	91.04	0.65 99.01 480.7

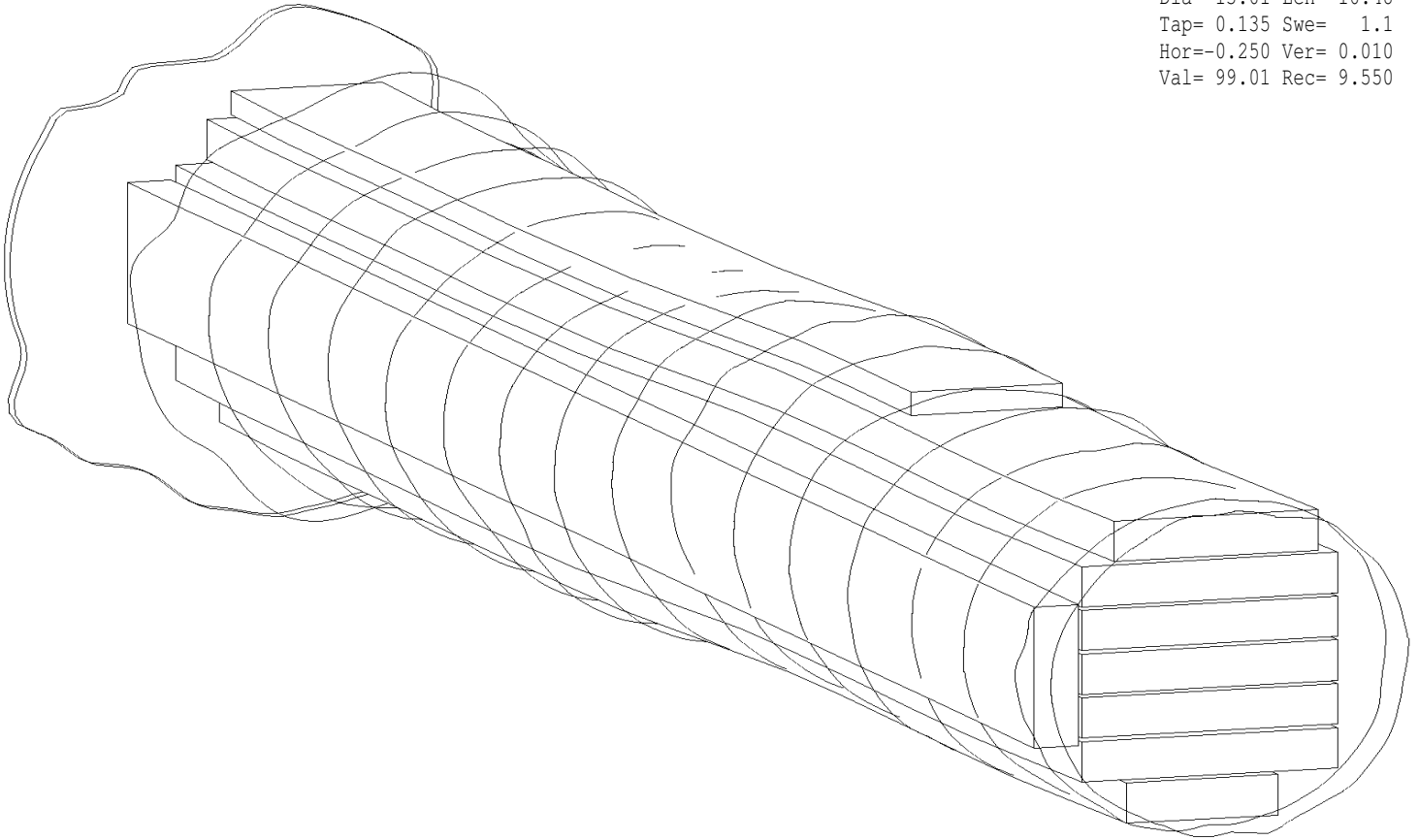
--Chips--	-Sawdust-	Shavings	Dry-trimg	Shrink	Defect	FinLum	Total
Vol	\$	Vol	\$	Vol	\$	Vol	Vol
0.0697	6.27	0.0310	1.24	0.0228	0.46	0.0000	0.00
0.710	0.000	11.315	20.598				
% 23.49		10.44	7.69	0.00	3.45	0.00	54.93
							100

Machine	SmlLine:	Canter	VSA	Gang	Edge/VSA	SmlTB	SmlTrim	LrgLine:	CntrTwin	CurvGang	Edge/CTw
Passes									1	1	2
\$											0.20
Machine	Edg/Gang	LrgTB	LrgTrim								
Passes	3	2	10								
\$	0.45										

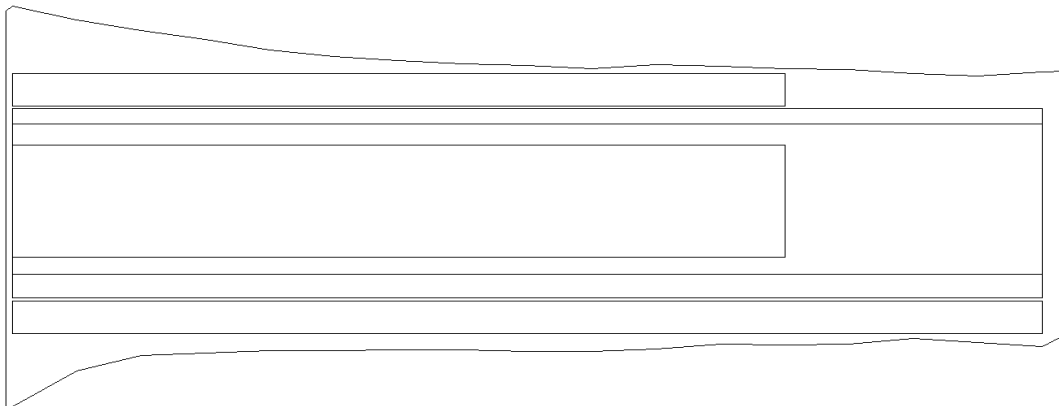


one inch

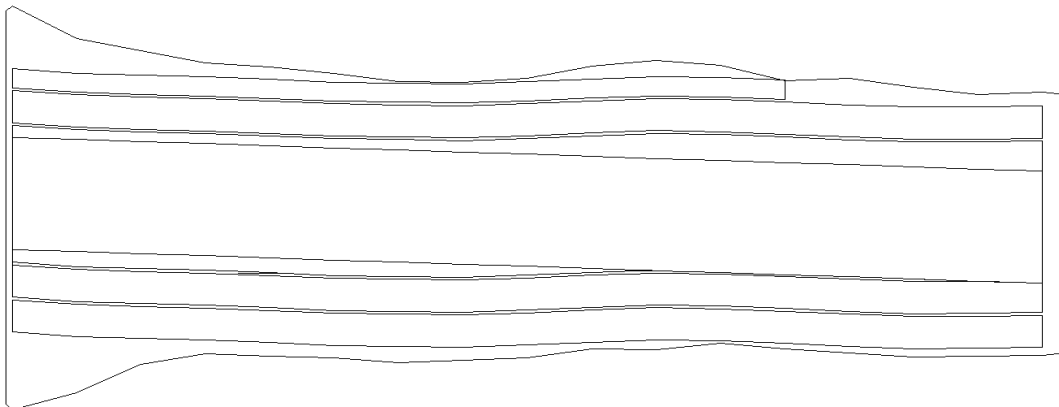
Log: 1327/ 1
Pattern: 10"CantL
Dia= 13.61 Len= 16.48
Tap= 0.135 Swe= 1.1
Hor=-0.250 Ver= 0.010
Val= 99.01 Rec= 9.550



Top Left View



Top View



L.H.S. Elevation