

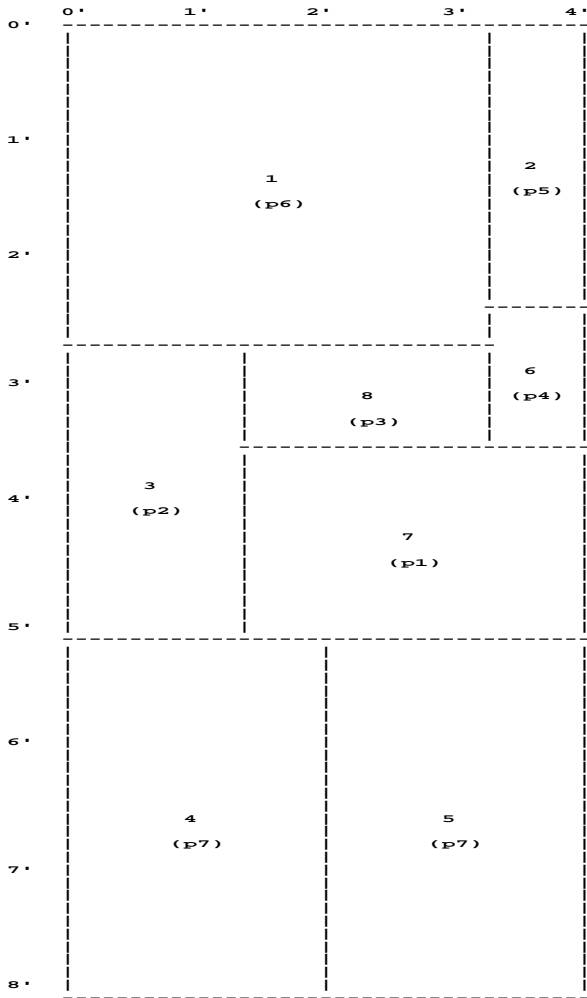
JOB: Flame-Cut vs. Shearing Demo

CONTRACT: 2017-0009

PROJECT: Show different nesting methods

DATE: 8/29/2017

REMARKS: 304 stainless plates burned, A36 plates sheared



PIECE #	MARK	QTY.	TYPE	DESCRIPTION	LENGTH	ORIENTATION	MILL MARK	GRADE	REMARKS	SEQ.	ITEM WEIGHT
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THE FOLLOWING ITEMS ARE TO BE CUT FROM THE STOCK SHOWN ABOVE. NUMBER OF TIMES TO CUT THIS PATTERN: 1
 STOCK SIZE: PL 1/2 x 48 x 8'- 0 UTILIZATION: 100.00% (0.00% WASTE)
 CUT WIDTH BETWEEN ADJACENT PLATES: 0" FLIPPING OF RECTANGULAR PLATES WITHIN STOCK WAS PERMITTED.

1)	p6	1	PL	1/2 x 32	3'- 3	FLIPPED		304			187.72
2)	p5	1	PL	1/2 x 9	2'- 4	NORMAL		304			37.92
3)	p2	1	PL	1/2 x 16	2'- 4	NORMAL		304			67.39
4)	p7	1	PL	1/2 x 24	3'- 0	NORMAL		304			129.96
5)	p7	1	PL	1/2 x 24	3'- 0	NORMAL		304			129.96
6)	p4	1	PL	1/2 x 9	1'- 2	NORMAL		304			18.96
7)	p1	1	PL	1/2 x 18	2'- 8	FLIPPED		304			86.64
8)	p3	1	PL	1/2 x 10	1'-11	FLIPPED		304			34.60

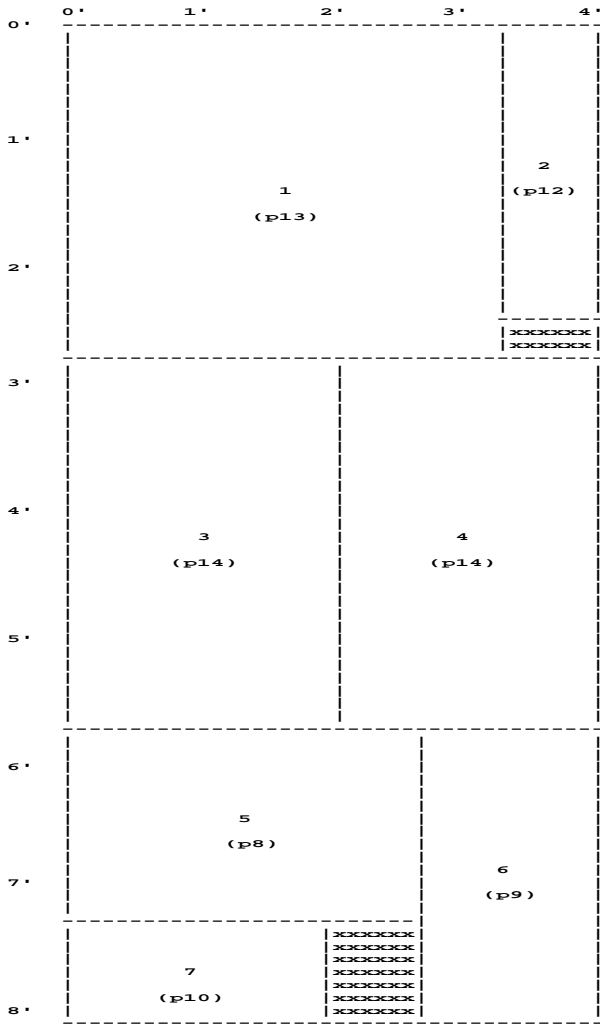
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THE FOLLOWING ITEMS ARE TO BE CUT FROM THE STOCK SHOWN ABOVE. NUMBER OF TIMES TO CUT THIS PATTERN: 1
 STOCK SIZE: PL 1/2 x 48 x 8'- 0 UTILIZATION: 97.27% (2.73% WASTE)
 CUT WIDTH BETWEEN ADJACENT PLATES: 0" FLIPPING OF RECTANGULAR PLATES WITHIN STOCK WAS PERMITTED.

1)	p13	1	PL	1/2 x 32	3'- 3	FLIPPED		A36			176.93
2)	p12	1	PL	1/2 x 9	2'- 4	NORMAL		A36			35.72
3)	p14	1	PL	1/2 x 24	3'- 0	NORMAL		A36			122.49
4)	p14	1	PL	1/2 x 24	3'- 0	NORMAL		A36			122.49
5)	p8	1	PL	1/2 x 18	2'- 8	FLIPPED		A36			81.65
6)	p9	1	PL	1/2 x 16	2'- 4	NORMAL		A36			63.51
7)	p10	1	PL	1/2 x 10	1'-11	FLIPPED		A36			32.60

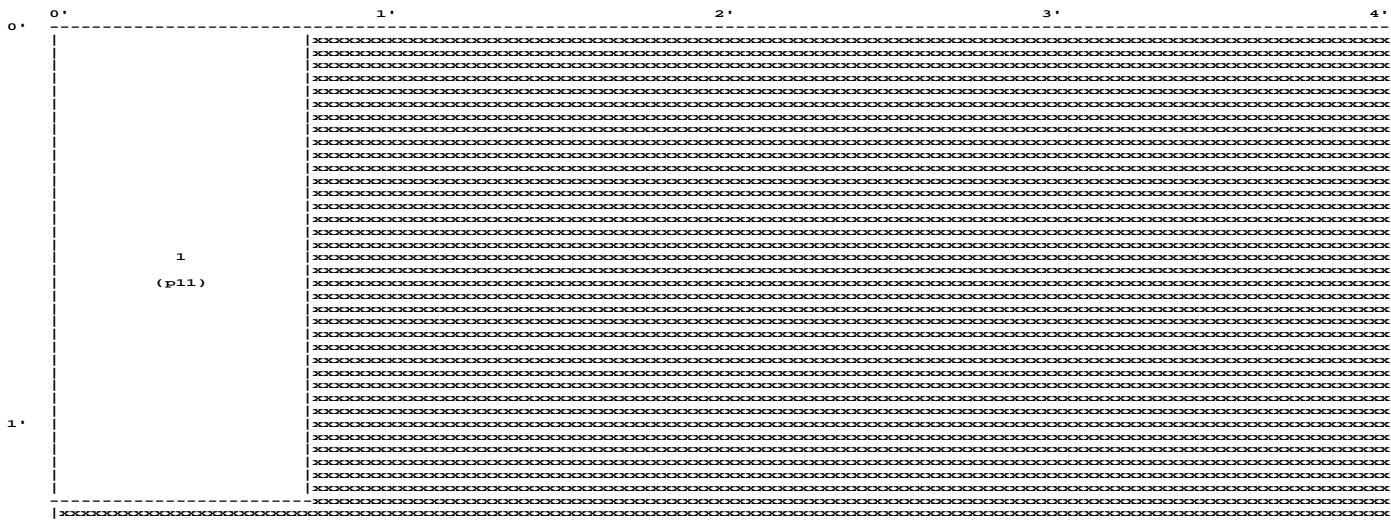
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THE FOLLOWING ITEMS ARE TO BE CUT FROM THE STOCK SHOWN ABOVE. NUMBER OF TIMES TO CUT THIS PATTERN: 1
 STOCK SIZE: PL 1/2 x 48 x 4'-0 UTILIZATION: 5.47% (94.53% WASTE)
 CUT WIDTH BETWEEN ADJACENT PLATES: 0" FLIPPING OF RECTANGULAR PLATES WITHIN STOCK WAS PERMITTED.

1) p11		1	PL	1/2 x 9	1'-2	NORMAL		A36			17.86
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SUMMARY OF ALL STOCK PLATES REQUIRED, INCLUDING NON-NESTABLE ITEMS:

STOCK ITEM DESCRIPTION	LENGTH	GRADE	CAMBER or M.O.	QTY.	WT. ONE STOCK	GROSS WT. WITH DROP	% DROP WT.	NET WT. W/O DROP	COMMENTS
PL 1/2 x 48	8'-0	304		1	693.12	693.12	0.00	693.12	SOURCE: SUPPLIER STOCK
PL 1/2 x 48	8'-0	A36		1	653.36	653.36	17.87	635.49	SOURCE: SUPPLIER STOCK
PL 1/2 x 48	4'-0	A36		1	326.68	326.68	308.85	17.83	SOURCE: SUPPLIER STOCK
TOTALS:						1673.16	326.72	19.5	1346.44