

OUTBOARD VIEWS

34'x12' Landing Craft- Flat Bottom

For: Chester Marina

SCALE 3/8" = 1'	DES/DWN WAL	DATE 7/28/07
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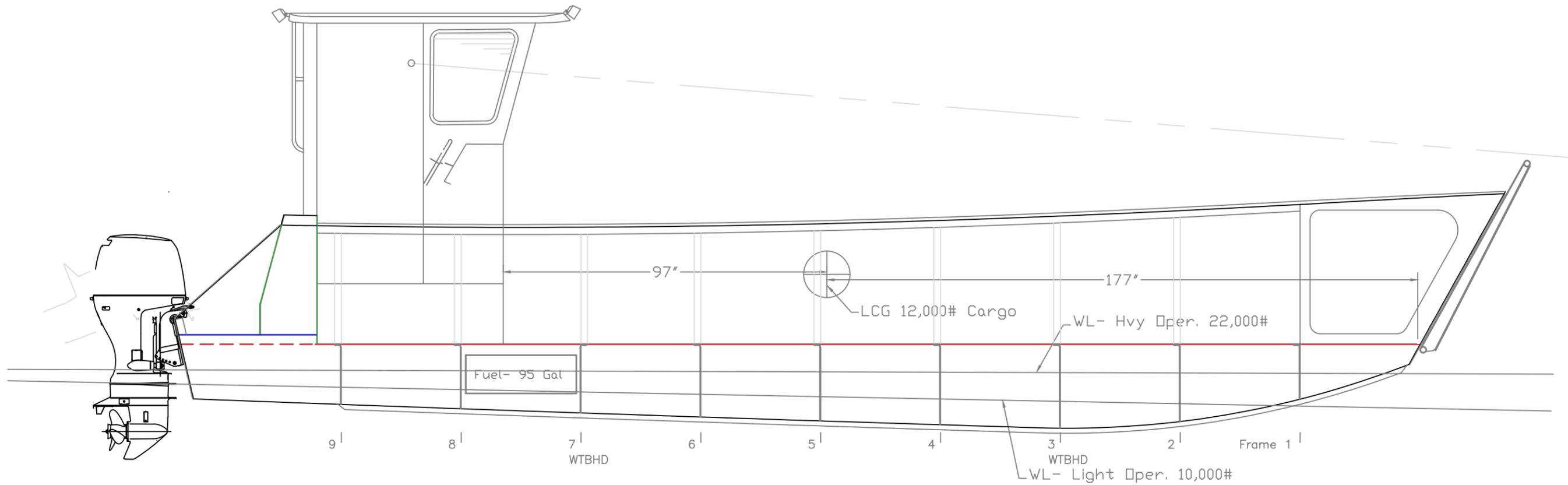
SHEET	
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DWG NO. 289-01	
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Newburyport, MA, www.responsemarine.com

REV.	DESCRIPTION

**Response Marine, Inc.**



### INBOARD VIEWS

34'x12' Landing Craft- Flat Bottom

For: Chester Marina

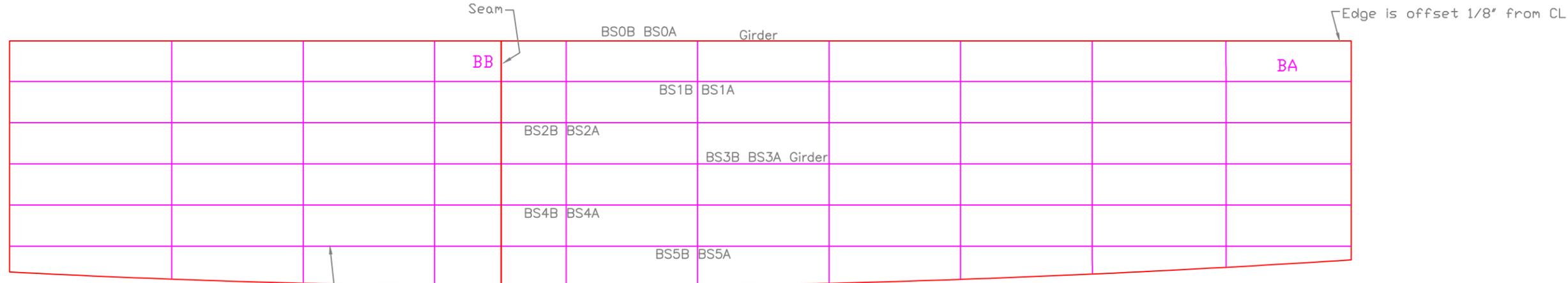
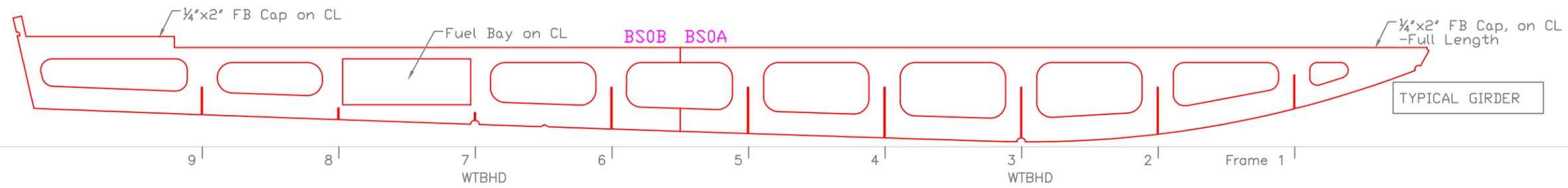
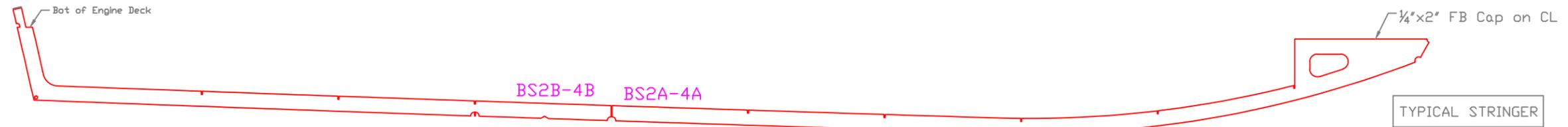
SCALE 3/8" = 1'	DES/DWN WAL	DATE 7/28/07
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SHEET	
DWG NO. 289-02	

REV.	DESCRIPTION

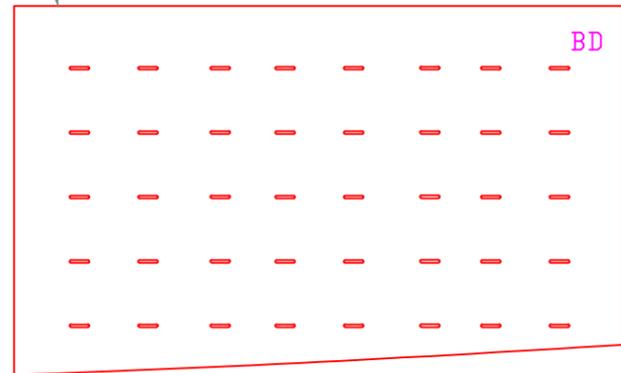
**Response Marine, Inc.**

Newburyport, MA [www.responsemarine.com](http://www.responsemarine.com)



Marks  
 -□□ Edge of Stringers/Girders  
 -Fwd Edge of Frames

Bottom Doubler  
 3/8" Gap on CL  
 Stem to F3



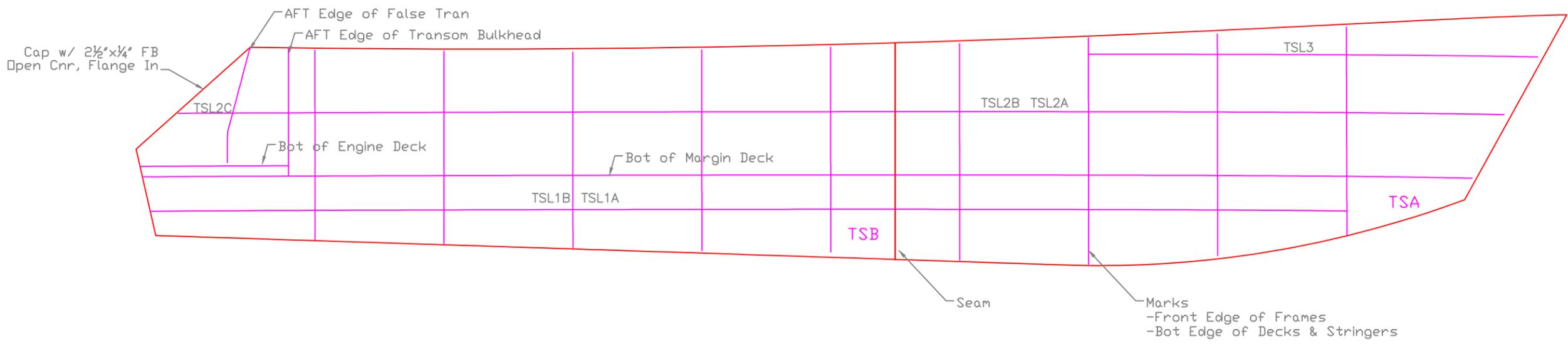
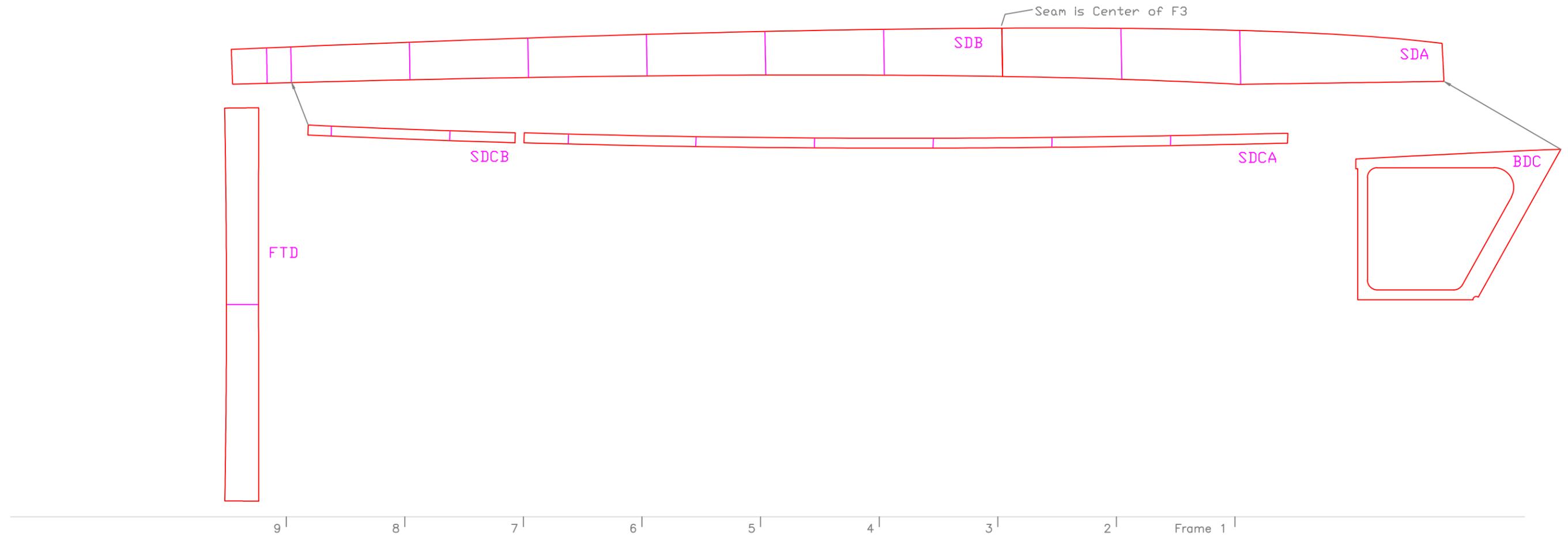
**BOTTOM LAYOUT**

34'x12' Landing Craft- Flat Bottom

SCALE 3/8"=1'	DES/DWN WAL	DATE 7/27/07
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REV.	DESCRIPTION	SHEET
		289-PL-

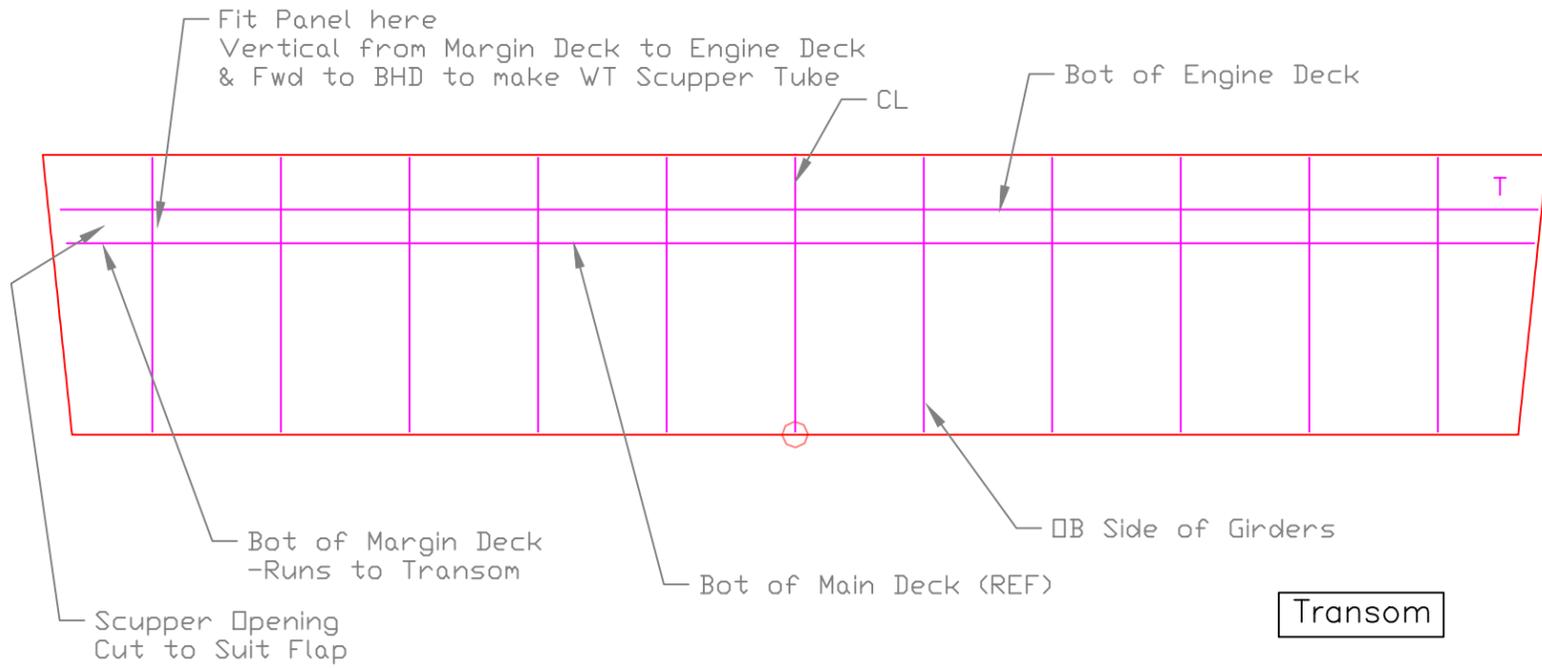
**Response Marine, Inc.**  
 Newburyport, MA www.responsemarine.com



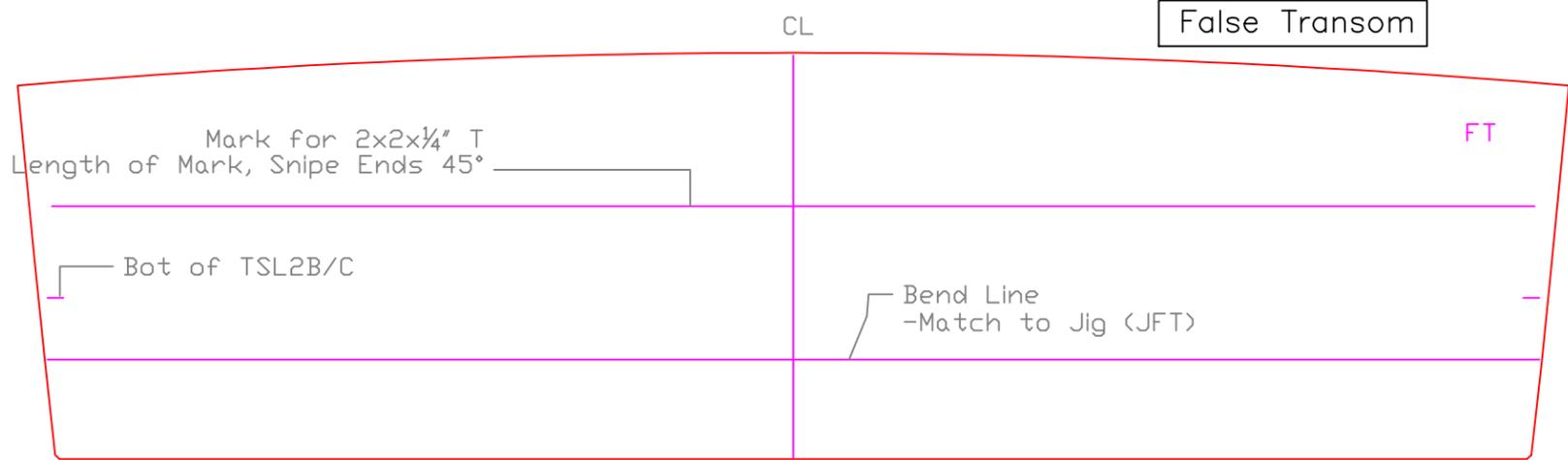
**SIDE & SIDEDECK LAYOUT**  
34'x12' Landing Craft- Flat Bottom

SCALE 3/8"=1'	DES/DWN WAL	DATE 7/27/07
REV. DESCRIPTION		SHEET
		DWG NO. 289-PL-

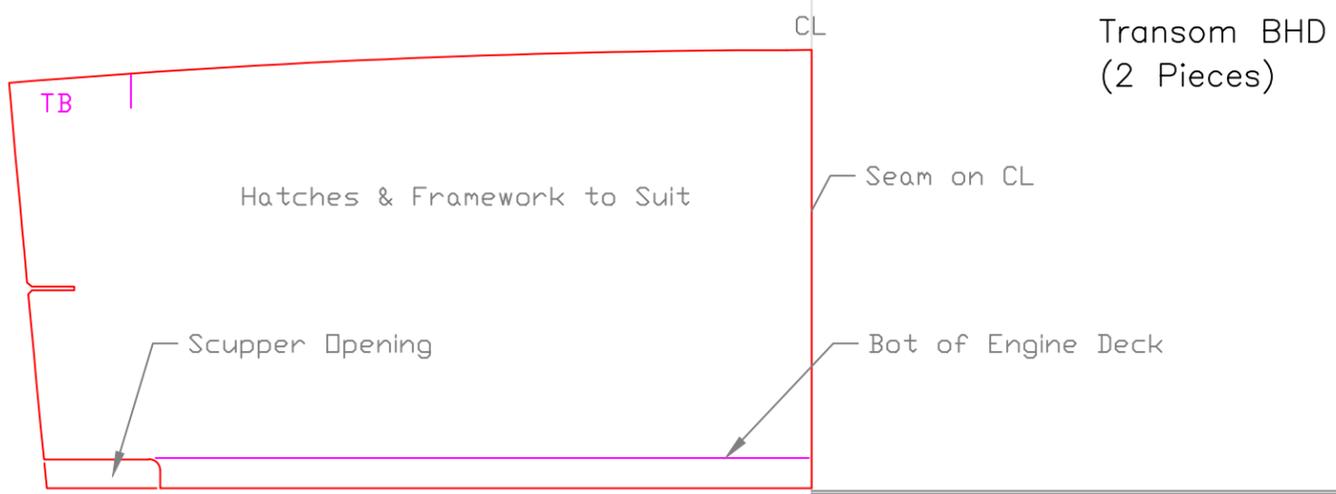
**Response Marine, Inc.**  
Newburyport, MA, www.responsemarine.com



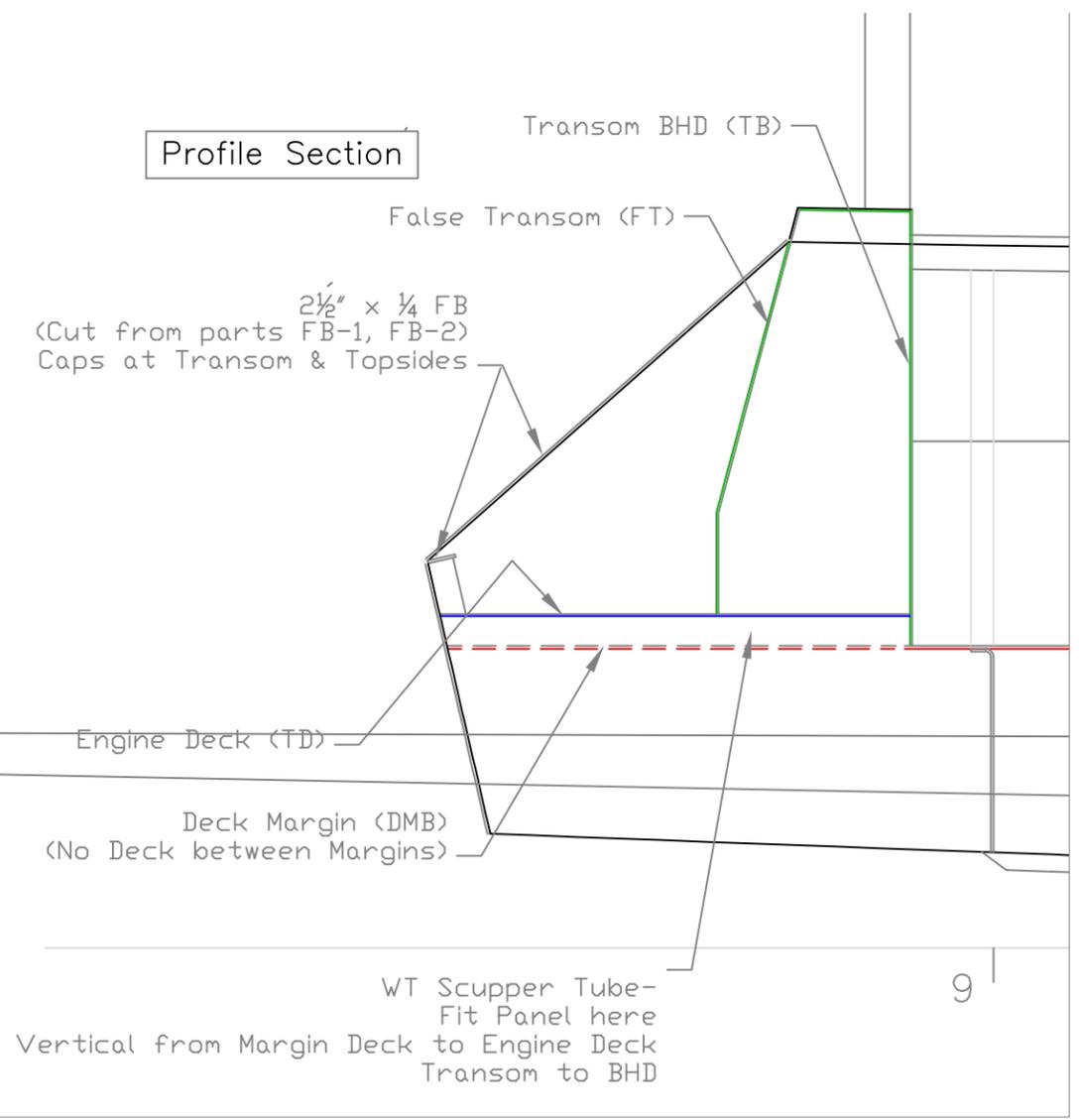
Transom



False Transom



Transom BHD (2 Pieces)



Profile Section

TRANSOM AREA

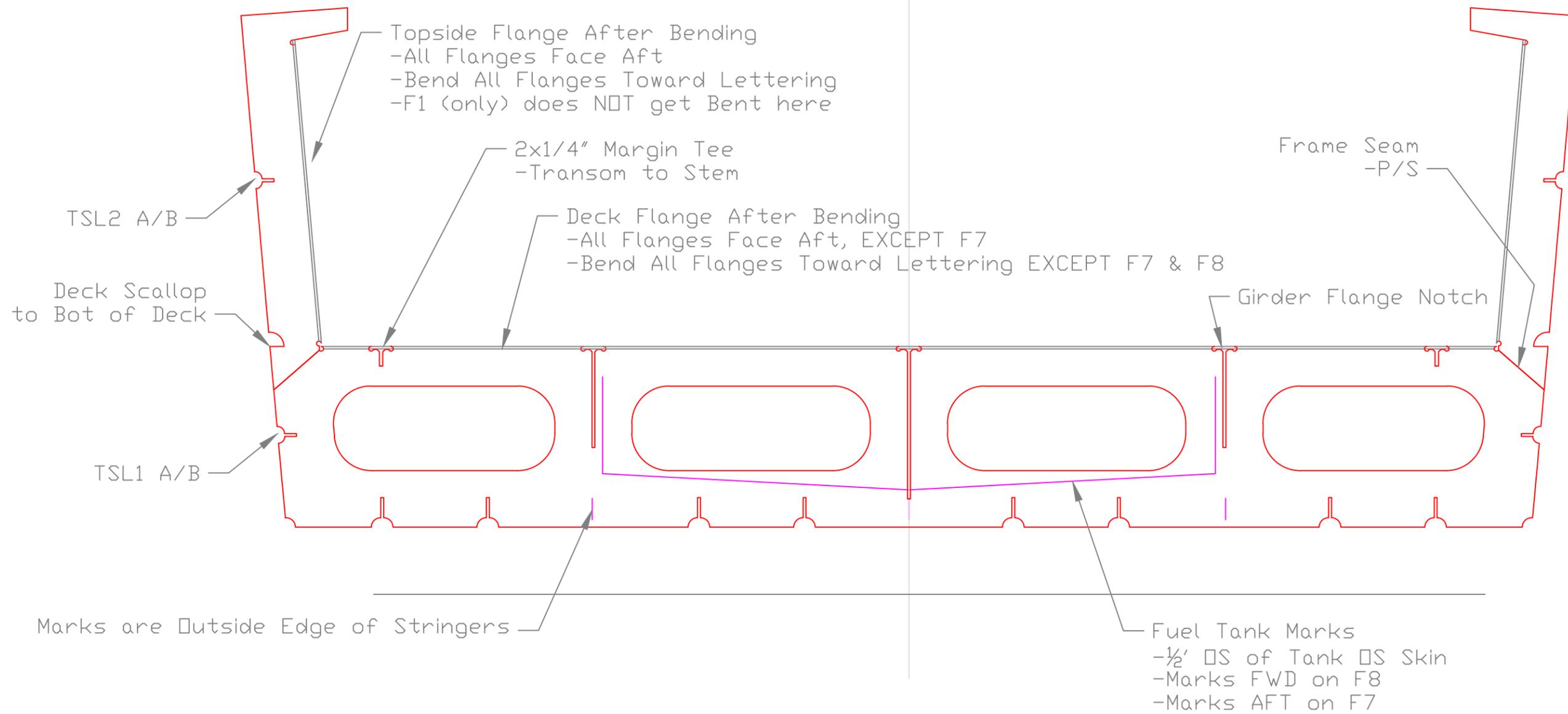
34'x12' Landing Craft- Flat Bottom

SCALE 3/4" = 1'	DES/DWN WAL	DATE 7/28/07
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SHEET		DWG NO. 289-2-2
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REV.	DESCRIPTION

**Response Marine, Inc.**  
Newburyport, MA www.responsemarine.com



See Dwg # 289-B-1 for Frame Bending Details

TYPICAL FRAME

34'x12' Landing Craft- Flat Bottom

SCALE 1" = 1'	DES/DWN WAL	DATE 7/27/07
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SHEET	
DWG NO. 289-F-	

REV.	DESCRIPTION

**Response Marine, Inc.**  
Newburyport, MA www.responsemarine.com

DRAWING LIST

<b>Delivered</b>	<b>Design</b>	<b>Dwg</b>	<b>Description</b>	<b>Date</b>
Chester 34' LC	Chester 34' LC			
		289 01	Outboard Views	7/28/07
		02	Inboard Views	7/28/07
		PL-1	Bottom Layout	7/27/07
		PL-2	Side & Sidedeck Layout	7/27/07
		PL-3	Main Deck Layout	7/28/07
		2-1	Bow & Bottom Channels	7/28/07
		2-2	Transom Area	7/28/07
		3-1	Fuel Tank- 95 Gal.	7/28/07
		4-1	House Construction	7/28/07
		5-1	Bow Door Parts	7/28/07
		B-1	Frame Bending	7/27/07
		B-2	House Bending	7/28/07
		B-3	Bow Door Frame Bending	7/27/07
		5-2	Bow Door End Details	7/28/07
		F-R	Frame Dimensions	7/27/07
		F-1	Typical Frame	7/27/07

Stock

Response Marine, Inc.

Stock for #289- 34' Landing Craft  
 File: RMIeng\Chester\  
 revised: 8/1/07

**SHEET/PLATE**

REV	<u>QTY</u>	<u>Alloy</u>	<u>Thick</u> (inches)	<u>Width</u> (inches)	<u>Lngh</u> (inches)	approx. <u>lbs/ft^2</u>	<u>lbs</u>
As Nested by Yarde Metals. Subsequent nestings & stock weights will vary w/ available stock size							
8/1/07	4	5052 H32	0.190	72	153	2.7	826
8/1/07	3	5052 H32	0.190	48	96	2.7	259
8/1/07	1	5052 H32	0.190	48	144	2.7	130
8/1/07	1	5086 marine	0.190	72	240	2.7	324
8/1/07	1	5086 marine	0.190	48	144	2.7	130
8/1/07	1	5086 marine	0.190	25	72	2.7	34
8/1/07	3	5086 marine	0.250	96	288	3.6	2,074
8/1/07	8	5086 marine	0.250	96	240	3.6	4,608
8/1/07	4	5086 marine	0.250	48	240	3.6	1,152
8/1/07	3	5086 marine	0.250	48	144	3.6	518
Sub Total for NC Cutting:							10,054
TO BE SHIPPED BLANK:							
House Deck	1	5052 H32	0.190	72	144	2.7	194
Total Plate							10,249

**EXTRUSION**

<u>QTY</u>	<u>Alloy</u>	<u>Item</u>	<u>Lgth (ft)</u>	<u>lbs/ft</u>	<u>lbs</u>
10	6061 T6	.25x2" Flat Bar	12	.60	72
1	6061 T6	.250"x1.5x1.5" Tee	25	.87	22
6	6061 T6	.250"x2"x2" Tee	25	1.26	189
3	6061 T6	3" x 1.498", 1.73# Channel	25	1.73	130
2	6061 T6	2x1x.125" Channel	25	.58	29
2	6061 T6	2"ODx1/4" Wall Tube	12	1.616	39
Sub Total					480
TOTAL					10,729

NC Parts

Response Marine, Inc. Cut Parts for #289- 34' Landing Craft  
 File: RMIeng\Chester\  
 revised: 7/27/07

Print Date: 10/28/2010

**3/16" Parts**

<u>Part #</u>	<u>Pieces</u>	<u>Description</u>	<u>Stock</u>	<u>BENDING</u>
BDC	2	Bow Deck Coaming	5052	
DFA	4	Door Frames	5086	Bend 4 (2 mirror image)
DFB	6	Door Frames	5086	Bend 6 (3 mirror image)
DS	1	Door Skin	5052	
DT	2	Engine Deck, Transom to Transom BHD		
FT	1	False Transom	5052	On Mark match JFT
FTD	1	False Transom Deck	5052	
HD	1	House Dash	5052	Per Dwg
HF	1	House Front	5052	Match house side (HF)
HR	1	House Roof	5052	
HS	2	House Side	5052	
HV	2	House Visor	5052	
JFT	1	Jig/Frame for False Transom	5052	
JHR	1	Jig for House Roof	5052	
SDA	2	Side Deck FWD	5086	
SDB	2	Side Deck Aft	5086	
SDCA	2	Side Deck Coaming Fwd	5086	
SDCB	2	Side Deck Coaming Aft	5052	
T1	1	Tank Body	5052	On marks, match end (T4)
T2	1	Tank Top	5052	
T3	2	Tank Baffle	5052	90 deg on mark
T4	2	Tank Ends	5052	
TB	2	Transom Bulkhead	5052	
	42	Sub Total		

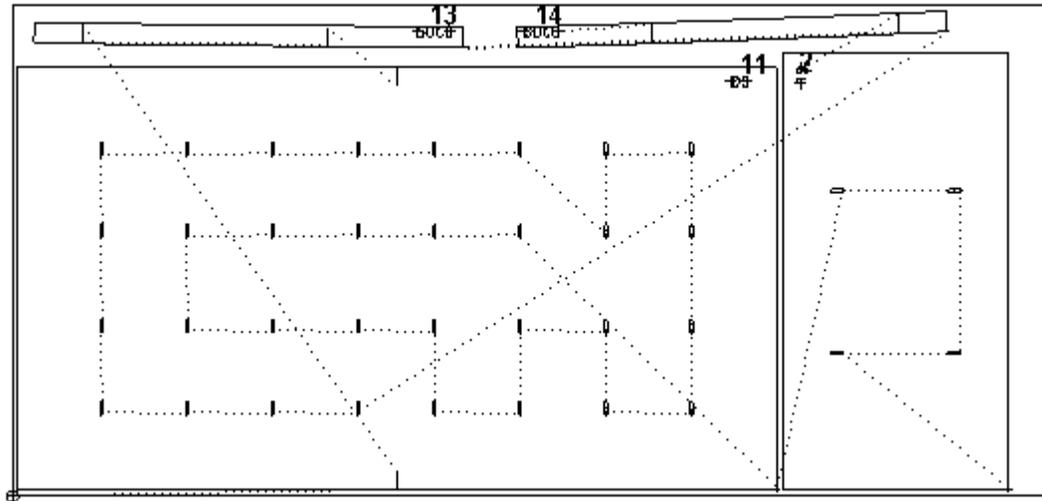
**1/4" Parts**

<u>Part #</u>	<u>Pieces</u>	<u>Description</u>	<u>Stock</u>	
BA	2	Bottom Plate (fwd)	5086	
BB	1	Bottom Plate (aft)	5086	
BD	1	Bow Door Deck	5086	
BD	2	Bottom Doubler at Bow	5086	
BS0A	1	Bottom Girder on CL, Fwd	5086	
BS0B	1	Bottom Girder on CL, Aft	5086	
BS1A-5A	4	Bottom Stringer #1 & #5, Fwd	5086	
BS1B-5B	4	Bottom Stringer #1 & #5, Aft	5086	
BS2A-4A	4	Bottom Stringer #2 & #4, Fwd	5086	
BS2B-4B	4	Bottom Stringer #2 & #4, Aft	5086	
BS3A	2	Bottom Girder #3, Fwd	5086	
BS3B	2	Bottom Girder #3, Aft	5086	
DA	2	Deck Fwd	5086	
DB	2	Deck Mid	5086	
DC	2	Deck Aft	5086	
DD	1	Door Deck	5086	
DMA	2	Deck Margin, Fwd	5086	
DMB	2	Deck Margin, Aft	5086	
F1	1	Frame 1	5086	90 deg
F1A	2	Frame 1 Upper	5086	90 deg, mirror image
F2	1	Frame 2	5086	90 deg
F2A	2	Frame 2 Upper	5086	90 deg, mirror image
F3	1	Frame 3	5086	90 deg

NC Parts

F3A	2	Frame 3 Upper	5086	90 deg, mirror image
F4	1	Frame 4	5086	90 deg
F4A	2	Frame 4 Upper	5086	90 deg, mirror image
F5	1	Frame 5 (bottom)	5086	90 deg
F5-A	2	Frame 5 Upper	5086	90 deg, mirror image
F6	1	Frame 6 (bottom)	5086	90 deg
F6A	2	Frame 6 Upper	5086	90 deg, mirror image
F7	1	Frame 7	5086	90 deg
F7A	2	Frame 7, Upper	5086	90 deg, mirror image
F8	1	Frame 8	5086	90 deg
F8A	2	Frame 8 Upper	5086	90 deg, mirror image
F9	1	Frame 9	5086	90 deg
F9A	2	Frame 9 Upper	5086	90 deg, mirror image
FB1	1	2.5" Flat Bar blank for transom lip at engines, 11'9" long	5086	
FB2	2	2.5" Flat Bar blank for Topsides Lip at Slant to Transom,	5086	
S	1	Stem/Bow Panel	5086	
T	1	Transom	5086	
TSA	2	Topsides Fwd	5086	
TSB	2	Topsides Aft	5086	
TSL1A	2	Topside Stringer #1, Fwd	5086	
TSL1B	2	Topside Stringer #1, Aft	5086	
TSL2A	2	Topside Stringer #2, Fwd	5086	
TSL2B	2	Topside Stringer #2, Aft	5086	
TSL2C	2	Topside Stringer #2, Transom	5086	
TSL3	2	Topside Stringer #3	5086	
	87	Sub Total		
	129	Total Cut Parts		

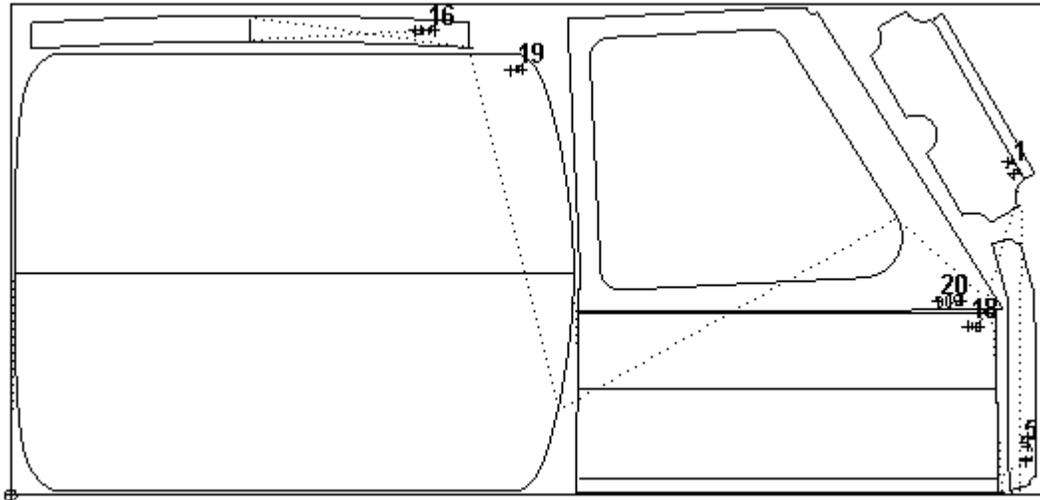
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<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 10.6 %	<b>Qty Nested</b> 4	



<b>Material</b> 5000+	<b>Sheet Length</b> 153.000"	<b>Sheet X Used</b> 146.522"	<b>Heat Number</b>
<b>Thickness</b> 0.188"	<b>Sheet Height</b> 72.000"	<b>Sheet Y Used</b> 71.016"	<b>DATE</b>
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13	3 16 5052_13				CHESTER	00:01:36
14	3 16 5052_14				CHESTER	00:01:36
2	3 16 5052_2				CHESTER	00:02:14

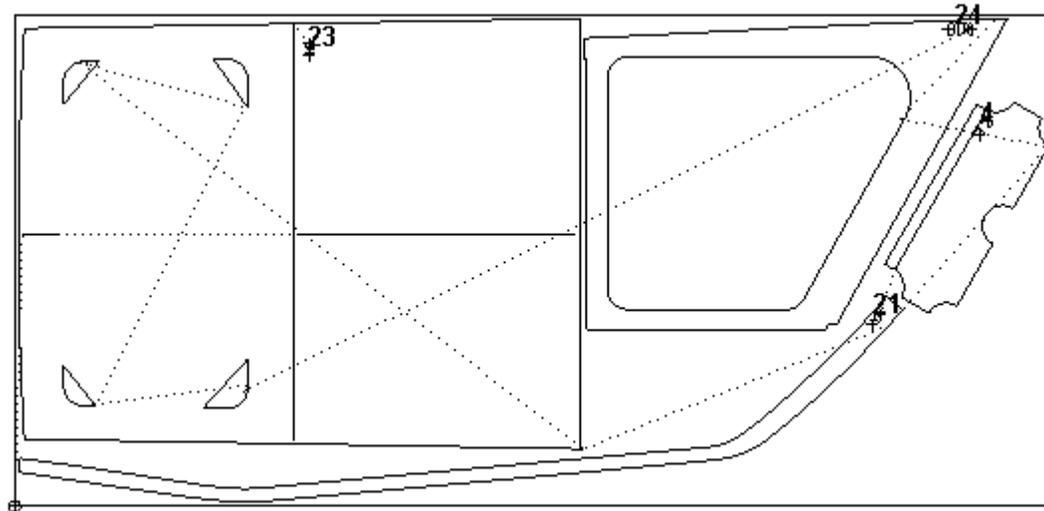
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<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 3.4 %	<b>Qty Nested</b> 6	



<b>Material</b> 5000+	<b>Sheet Length</b> 153.000"	<b>Sheet X Used</b> 150.372"	<b>Heat Number</b>
<b>Thickness</b> 0.188"	<b>Sheet Height</b> 72.000"	<b>Sheet Y Used</b> 71.473"	<b>DATE</b>
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16	3 16 5052_16				CHESTER	00:01:20
18	3 16 5052_18				CHESTER	00:02:45
19	3 16 5052_19				CHESTER	00:03:07
20	3 16 5052_20				CHESTER	00:03:01
5	3 16 5052_5				CHESTER	00:00:45

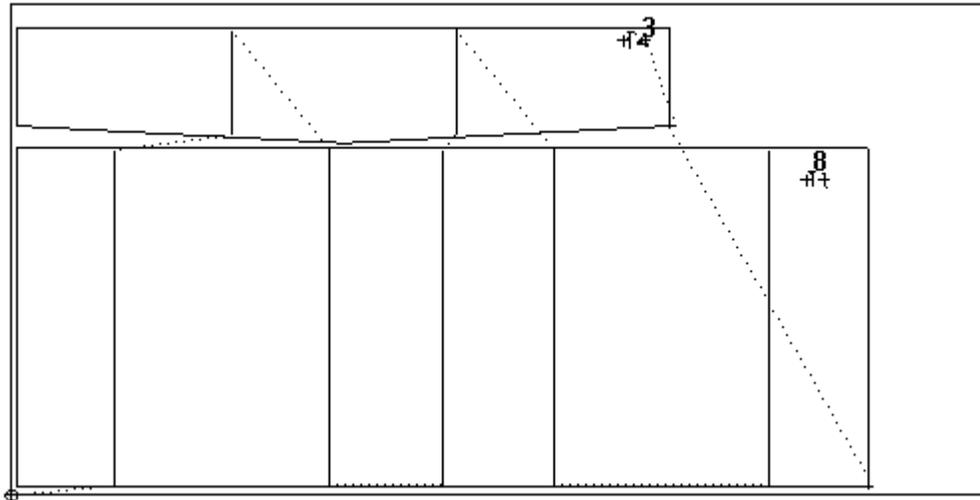
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<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> -5.5 %	<b>Qty Nested</b> 4	



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<b>Thickness</b> 0.188"	<b>Sheet Height</b> 72.000"	<b>Sheet Y Used</b> 71.414"	<b>DATE</b>
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Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
21	3 16 5052_21				CHESTER	00:02:16
23	3 16 5052_23				CHESTER	00:04:27
24	3 16 5052_24				CHESTER	00:02:51
4	3 16 5052_4				CHESTER	00:01:02

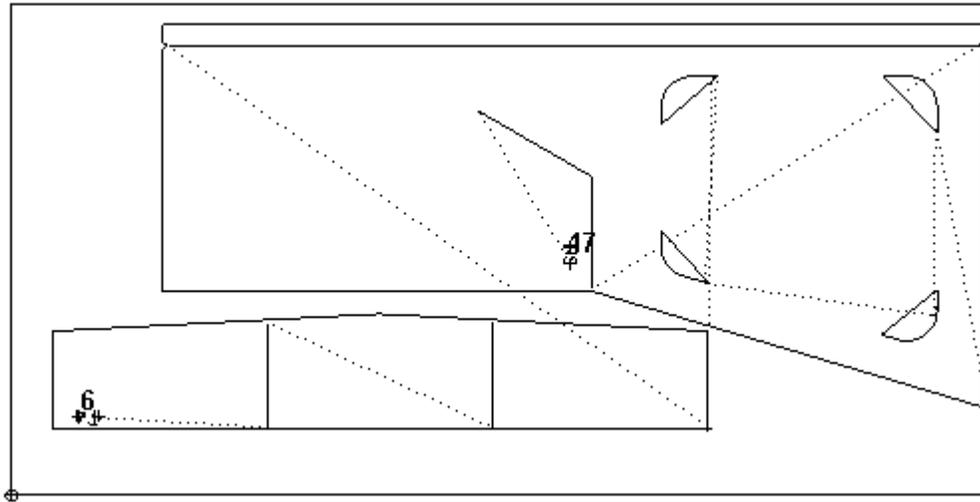
<b>Task Name :</b> T2770	<b>True Scrap</b> 10.2 %	<b>Qty Required</b> 24	<b>Layout 4 of 8</b>
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 8.8 %	<b>Qty Nested</b> 2	



<b>Material</b> 5000+	<b>Sheet Length</b> 96.000"	<b>Sheet X Used</b> 84.267"	<b>Heat Number</b>
<b>Thickness</b> 0.188"	<b>Sheet Height</b> 48.000"	<b>Sheet Y Used</b> 45.666"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 575.92	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
3	3 16 5052_3				CHESTER	00:01:28
8	3 16 5052_8				CHESTER	00:03:30

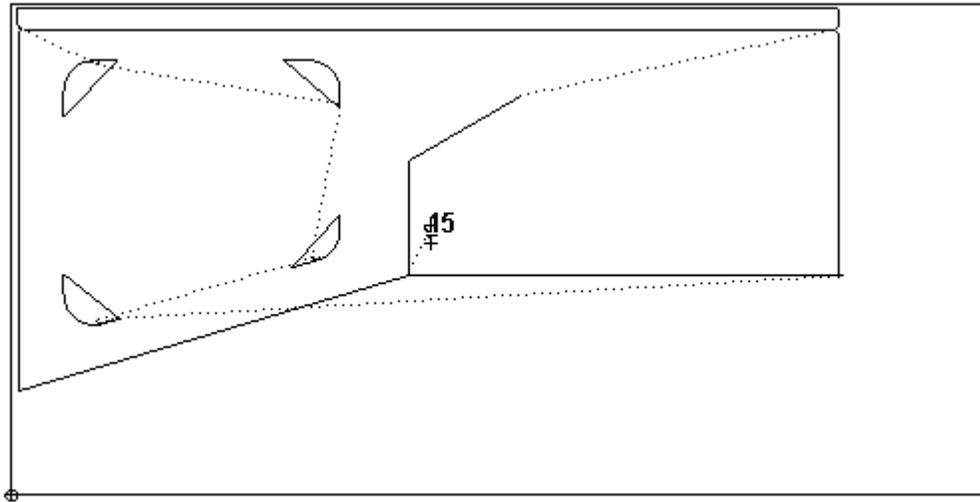
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<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 7.4 %	<b>Qty Nested</b> 2	



<b>Material</b> 5000+	<b>Sheet Length</b> 96.000"	<b>Sheet X Used</b> 95.444"	<b>Heat Number</b>
<b>Thickness</b> 0.188"	<b>Sheet Height</b> 48.000"	<b>Sheet Y Used</b> 45.895"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 577.40	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
17	3 16 5052_17				CHESTER	00:03:40
6	3 16 5052_6				CHESTER	00:01:33

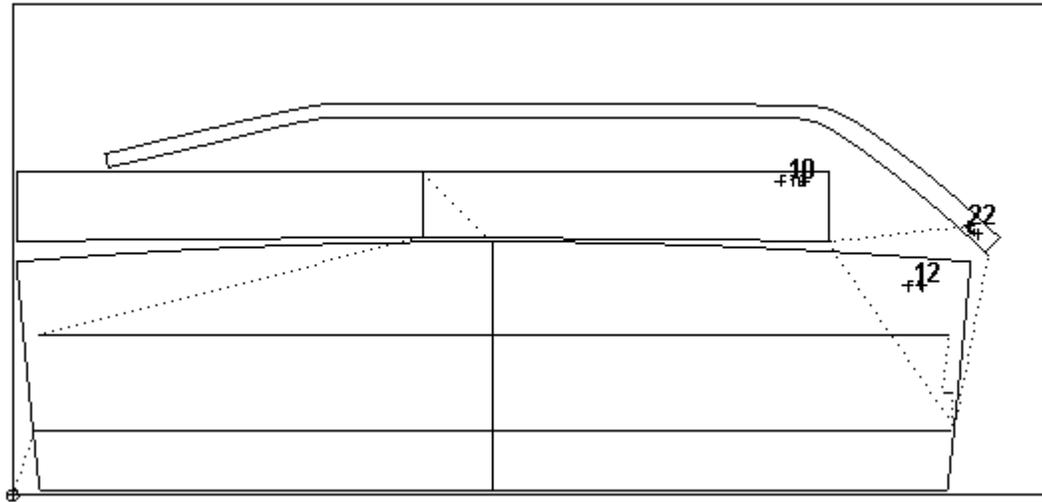
<b>Task Name :</b> T2770	<b>True Scrap</b> 28.1 %	<b>Qty Required</b> 24	<b>Layout 6 of 8</b>
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 4.5 %	<b>Qty Nested</b> 1	



<b>Material</b> 5000+	<b>Sheet Length</b> 96.000"	<b>Sheet X Used</b> 81.300"	<b>Heat Number</b>
<b>Thickness</b> 0.188"	<b>Sheet Height</b> 48.000"	<b>Sheet Y Used</b> 47.451"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 404.58	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
15	3 16 5052_15				CHESTER	00:03:38

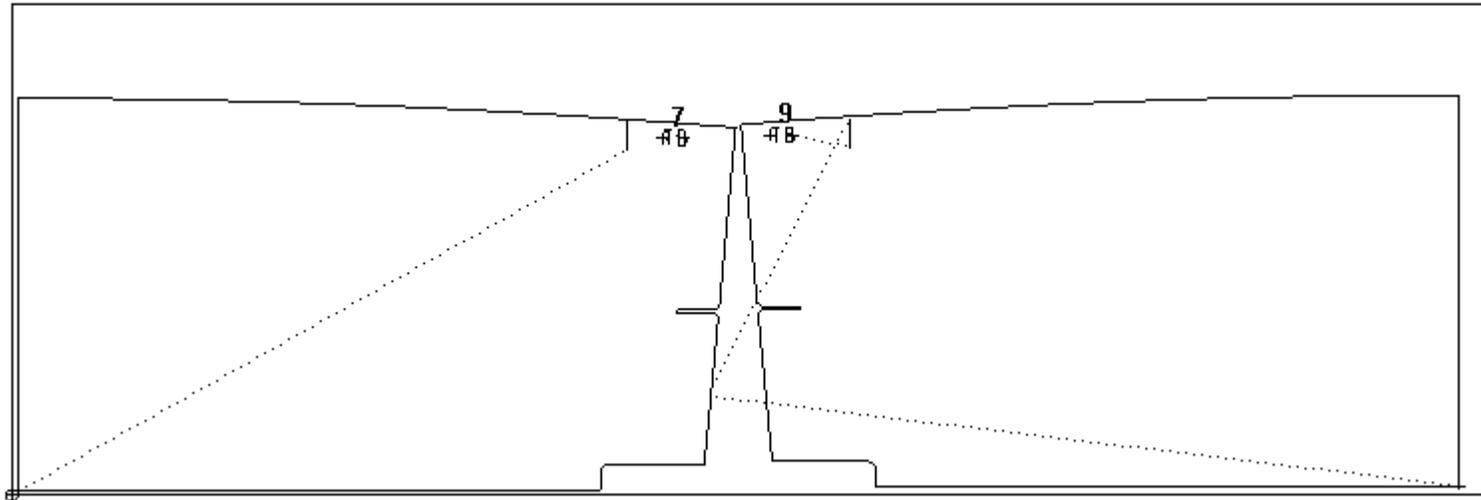
<b>Task Name :</b> T2770	<b>True Scrap</b> 23.1 %	<b>Qty Required</b> 24	<b>Layout 7 of 8</b>
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> -7.1 %	<b>Qty Nested</b> 3	



<b>Material</b> 5000+	<b>Sheet Length</b> 153.000"	<b>Sheet X Used</b> 144.777"	<b>Heat Number</b>
<b>Thickness</b> 0.188"	<b>Sheet Height</b> 72.000"	<b>Sheet Y Used</b> 57.394"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 1217.47	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
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12	3 16 5052_12				CHESTER	00:05:08
22	3 16 5052_22				CHESTER	00:02:03

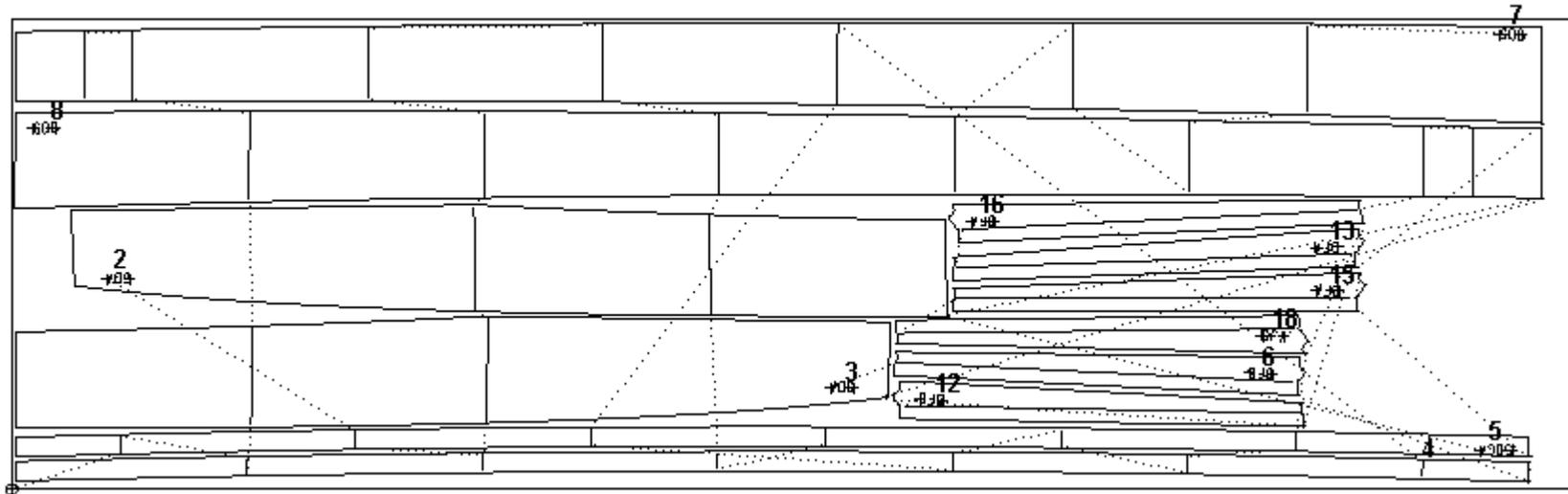
<b>Task Name :</b> T2770	<b>True Scrap</b> 11.0 %	<b>Qty Required</b> 24	<b>Layout</b> 8 of 8
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 5.7 %	<b>Qty Nested</b> 2	



<b>Material</b> 5000+	<b>Sheet Length</b> 144.000"	<b>Sheet X Used</b> 142.021"	<b>Heat Number</b>
<b>Thickness</b> 0.188"	<b>Sheet Height</b> 48.000"	<b>Sheet Y Used</b> 39.043"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 458.88	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
7	3 16 5052_7				CHESTER	00:01:53
9	3 16 5052_9				CHESTER	00:01:58

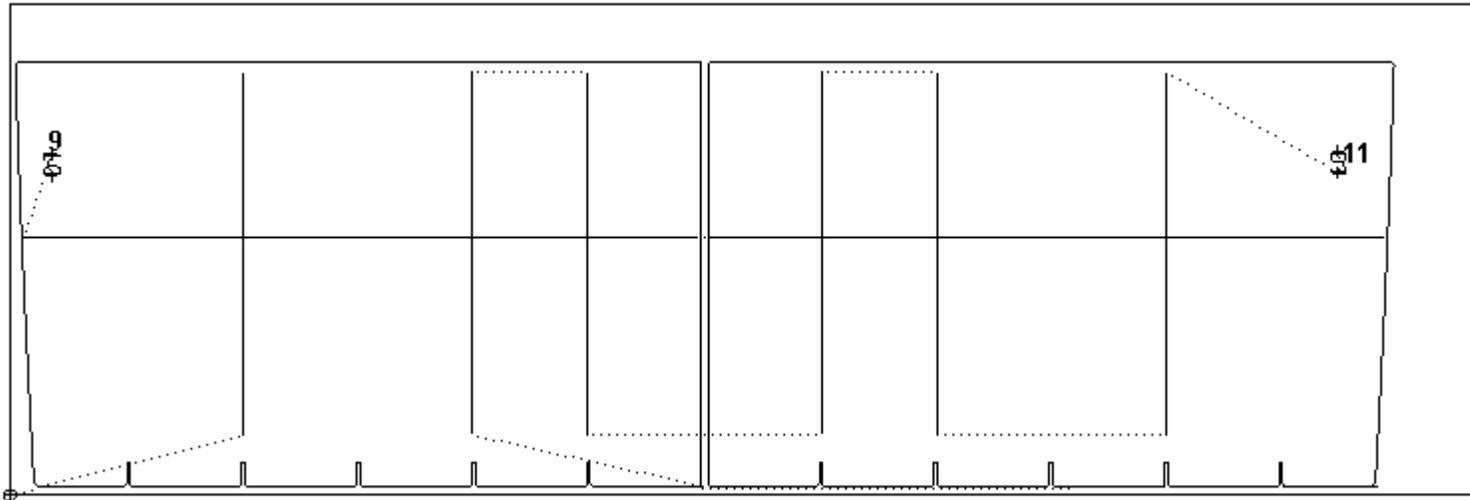
<b>Task Name :</b> T2765	<b>True Scrap</b> 18.3 %	<b>Qty Required</b> 18	<b>Layout 1 of 3</b>
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 1.7 %	<b>Qty Nested</b> 12	



<b>Material</b> 5000+	<b>Sheet Length</b> 240.000"	<b>Sheet X Used</b> 234.896"	<b>Heat Number</b>
<b>Thickness</b> 0.188"	<b>Sheet Height</b> 72.000"	<b>Sheet Y Used</b> 71.444"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 4084.85	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
12	3 16 5086_12				CHESTER	00:01:30
13	3 16 5086_13				CHESTER	00:01:35
15	3 16 5086_15				CHESTER	00:01:35
16	3 16 5086_16				CHESTER	00:01:29
18	3 16 5086_18				CHESTER	00:01:29
2	3 16 5086_2				CHESTER	00:02:41
3	3 16 5086_3				CHESTER	00:02:41
4	3 16 5086_4				CHESTER	00:04:01
5	3 16 5086_5				CHESTER	00:04:27
6	3 16 5086_6				CHESTER	00:01:36
7	3 16 5086_7				CHESTER	00:05:20
8	3 16 5086_8				CHESTER	00:05:20

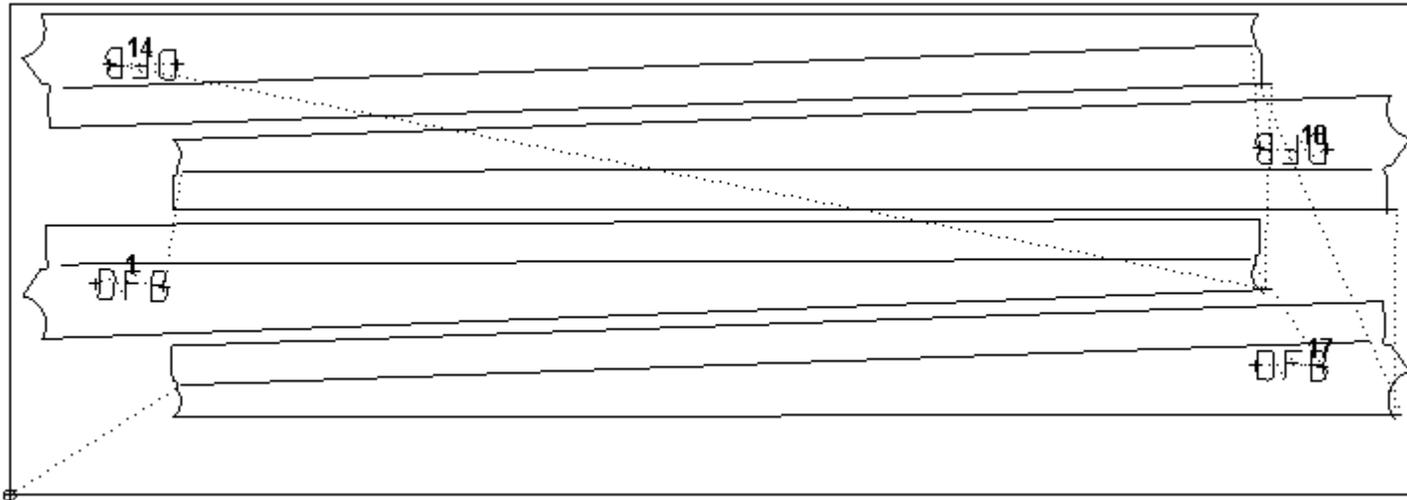
<b>Task Name :</b> T2765	<b>True Scrap</b> 5.9 %	<b>Qty Required</b> 18	<b>Layout</b> 2 of 3
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 4.4 %	<b>Qty Nested</b> 2	



<b>Material</b> 5000+	<b>Sheet Length</b> 144.000"	<b>Sheet X Used</b> 135.339"	<b>Heat Number</b>
<b>Thickness</b> 0.188"	<b>Sheet Height</b> 48.000"	<b>Sheet Y Used</b> 42.296"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 833.27	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
11	3 16 5086_11				CHESTER	00:03:15
9	3 16 5086_9				CHESTER	00:03:23

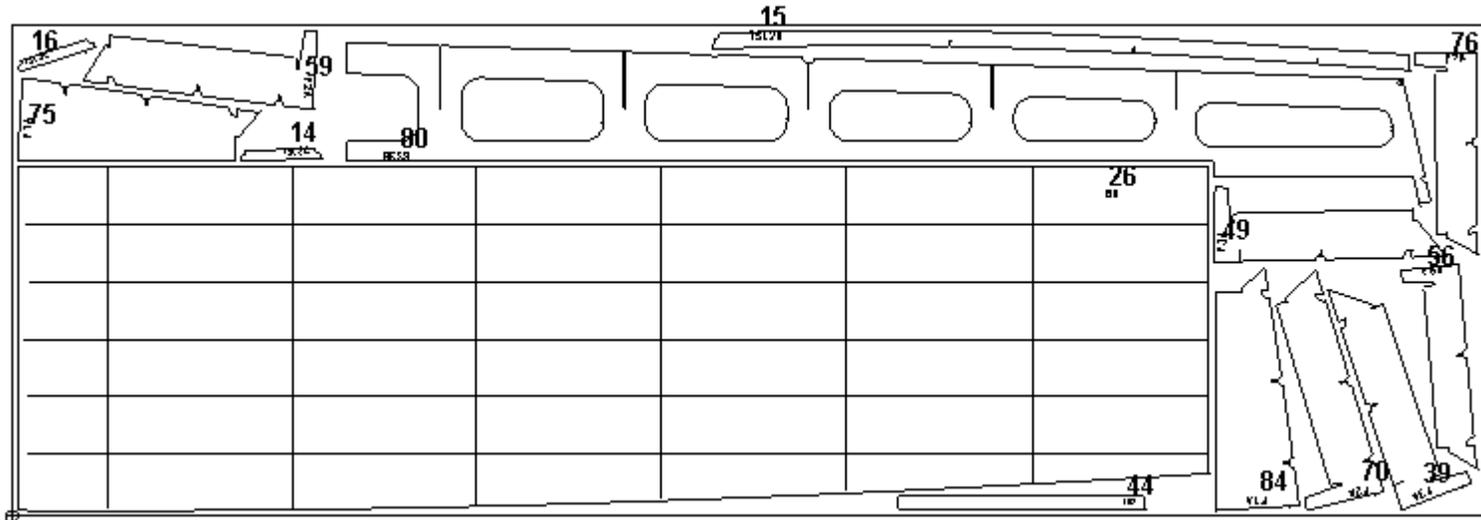
<b>Task Name :</b> T2765	<b>True Scrap</b> 22.9 %	<b>Qty Required</b> 18	<b>Layout</b> 3 of 3
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 3.2 %	<b>Qty Nested</b> 4	



<b>Material</b> 5000+	<b>Sheet Length</b> 72.000"	<b>Sheet X Used</b> 71.339"	<b>Heat Number</b>
<b>Thickness</b> 0.188"	<b>Sheet Height</b> 25.000"	<b>Sheet Y Used</b> 24.485"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 833.96	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
1	3 16 5086_1				CHESTER	00:01:50
10	3 16 5086_10				CHESTER	00:01:50
14	3 16 5086_14				CHESTER	00:01:44
17	3 16 5086_17				CHESTER	00:01:44

<b>Task Name :</b> T2785	<b>True Scrap</b> 21.5 %	<b>Qty Required</b> 87	<b>Layout 1 of 18</b>
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 3.0 %	<b>Qty Nested</b> 14	



<b>Material</b> 5000+	<b>Sheet Length</b> 288.000"	<b>Sheet X Used</b> 286.824"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 96.000"	<b>Sheet Y Used</b> 94.880"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 4709.96	<b>Operator #</b>

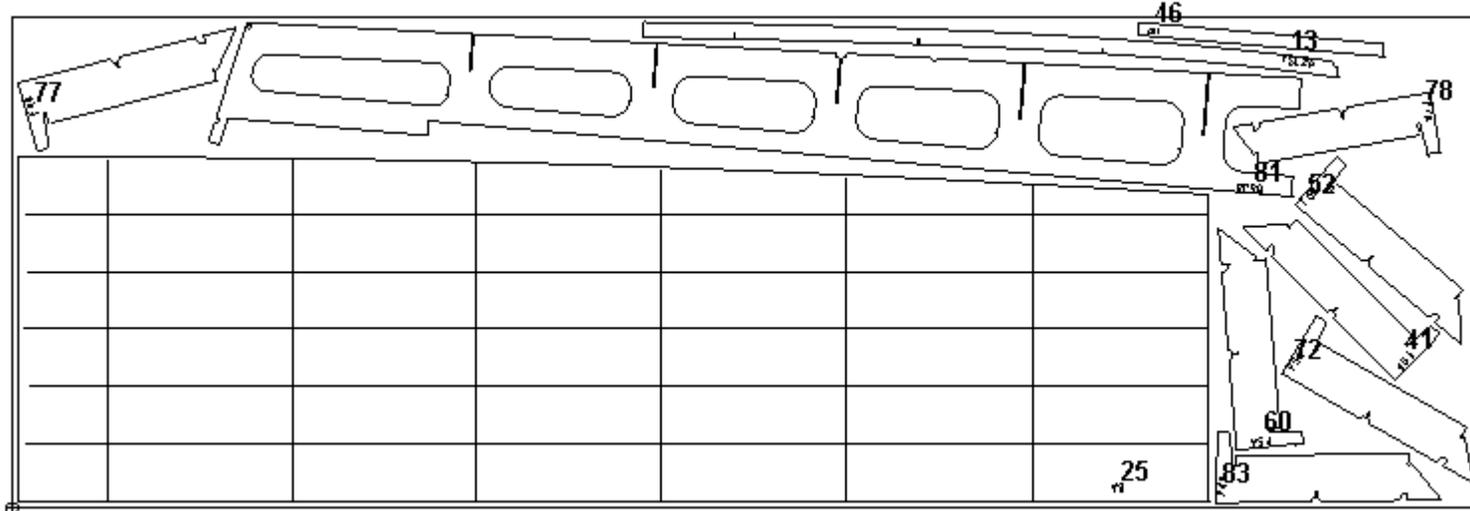
Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
14	1 4 5086_14				CHESTER	
15	1 4 5086_15				CHESTER	
16	1 4 5086_16				CHESTER	
26	1 4 5086_26				CHESTER	
39	1 4 5086_39				CHESTER	
44	1 4 5086_44				CHESTER	
49	1 4 5086_49				CHESTER	
56	1 4 5086_56				CHESTER	
59	1 4 5086_59				CHESTER	
70	1 4 5086_70				CHESTER	
75	1 4 5086_75				CHESTER	
76	1 4 5086_76				CHESTER	

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80 1 4 5086\_80  
84 1 4 5086\_84

CHESTER  
CHESTER

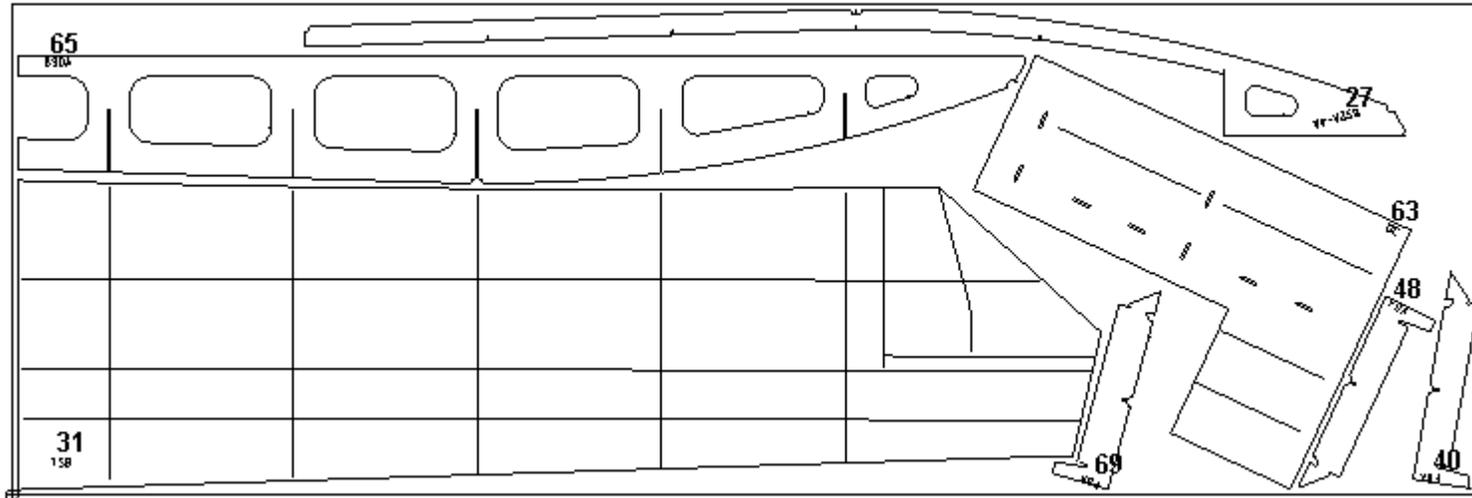
<b>Task Name :</b> T2785	<b>True Scrap</b> 24.2 %	<b>Qty Required</b> 87	<b>Layout</b> 2 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 6.6 %	<b>Qty Nested</b> 11	



<b>Material</b> 5000+	<b>Sheet Length</b> 288.000"	<b>Sheet X Used</b> 286.397"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 96.000"	<b>Sheet Y Used</b> 94.909"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 4441.78	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
13	1 4 5086_13				CHESTER	
25	1 4 5086_25				CHESTER	
41	1 4 5086_41				CHESTER	
46	1 4 5086_46				CHESTER	
52	1 4 5086_52				CHESTER	
60	1 4 5086_60				CHESTER	
72	1 4 5086_72				CHESTER	
77	1 4 5086_77				CHESTER	
78	1 4 5086_78				CHESTER	
81	1 4 5086_81				CHESTER	
83	1 4 5086_83				CHESTER	

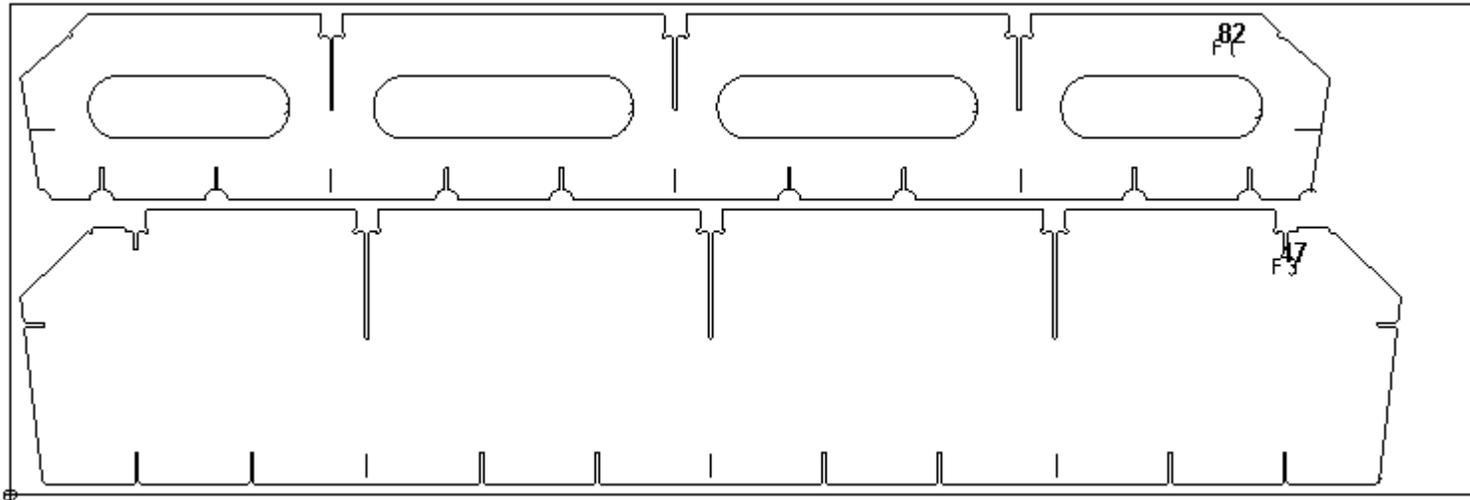
<b>Task Name :</b> T2785	<b>True Scrap</b> 31.0 %	<b>Qty Required</b> 87	<b>Layout</b> 3 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> -2.9 %	<b>Qty Nested</b> 7	



<b>Material</b> 5000+	<b>Sheet Length</b> 288.000"	<b>Sheet X Used</b> 286.780"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 96.000"	<b>Sheet Y Used</b> 94.840"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 3780.35	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
27	1 4 5086_27				CHESTER	
31	1 4 5086_31				CHESTER	
40	1 4 5086_40				CHESTER	
48	1 4 5086_48				CHESTER	
63	1 4 5086_63				CHESTER	
65	1 4 5086_65				CHESTER	
69	1 4 5086_69				CHESTER	

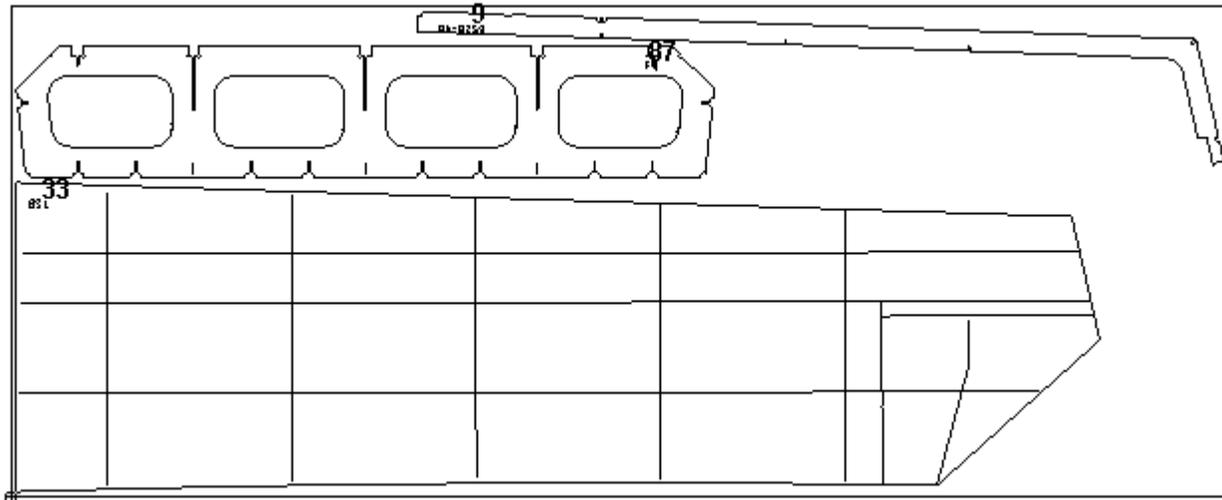
<b>Task Name :</b> T2785	<b>True Scrap</b> 20.3 %	<b>Qty Required</b> 87	<b>Layout</b> 4 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 8.0 %	<b>Qty Nested</b> 2	



<b>Material</b> 5000+	<b>Sheet Length</b> 144.000"	<b>Sheet X Used</b> 136.009"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 48.000"	<b>Sheet Y Used</b> 46.898"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 1081.46	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
47	1 4 5086_47				CHESTER	
82	1 4 5086_82				CHESTER	

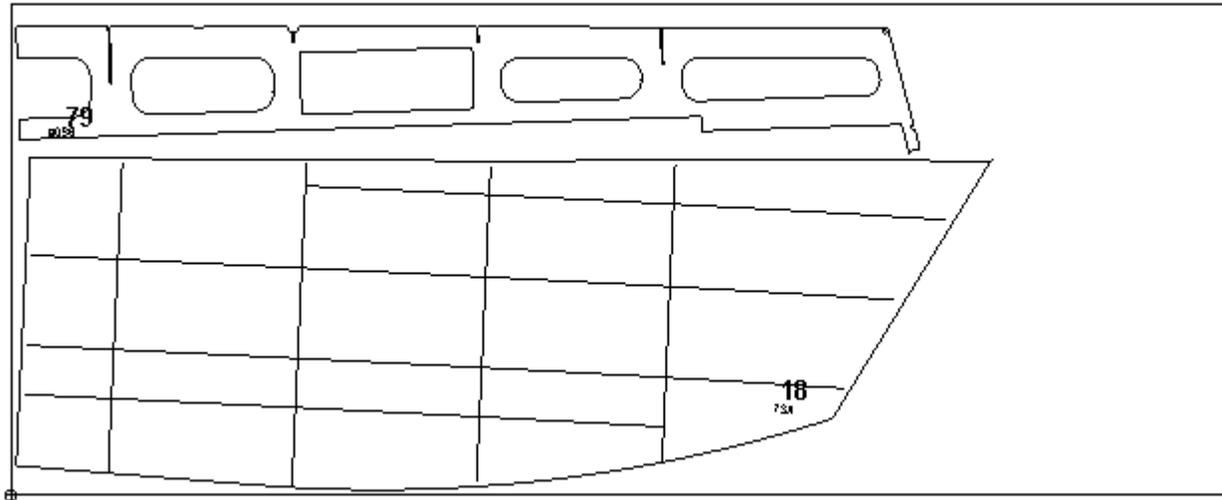
<b>Task Name :</b> T2785	<b>True Scrap</b> 34.6 %	<b>Qty Required</b> 87	<b>Layout</b> 5 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 5.9 %	<b>Qty Nested</b> 3	



<b>Material</b> 5000+	<b>Sheet Length</b> 240.000"	<b>Sheet X Used</b> 237.259"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 96.000"	<b>Sheet Y Used</b> 94.801"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 2674.21	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
33	1 4 5086_33				CHESTER	
87	1 4 5086_87				CHESTER	
9	1 4 5086_9				CHESTER	

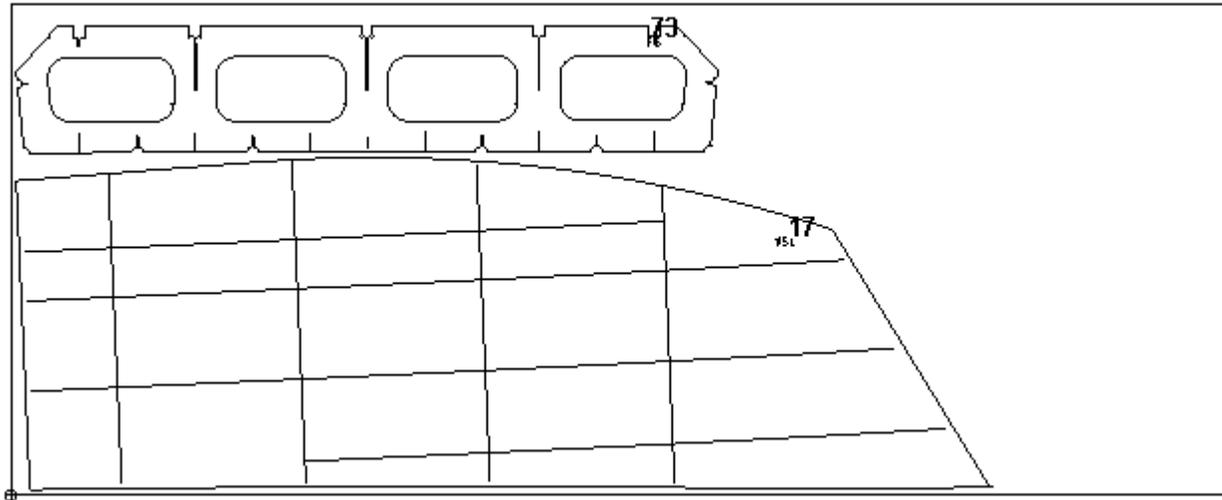
<b>Task Name :</b> T2785	<b>True Scrap</b> 31.2 %	<b>Qty Required</b> 87	<b>Layout 6 of 18</b>
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 8.4 %	<b>Qty Nested</b> 2	



<b>Material</b> 5000+	<b>Sheet Length</b> 240.000"	<b>Sheet X Used</b> 191.877"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 96.000"	<b>Sheet Y Used</b> 91.491"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 2115.94	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
18	1 4 5086_18				CHESTER	
79	1 4 5086_79				CHESTER	

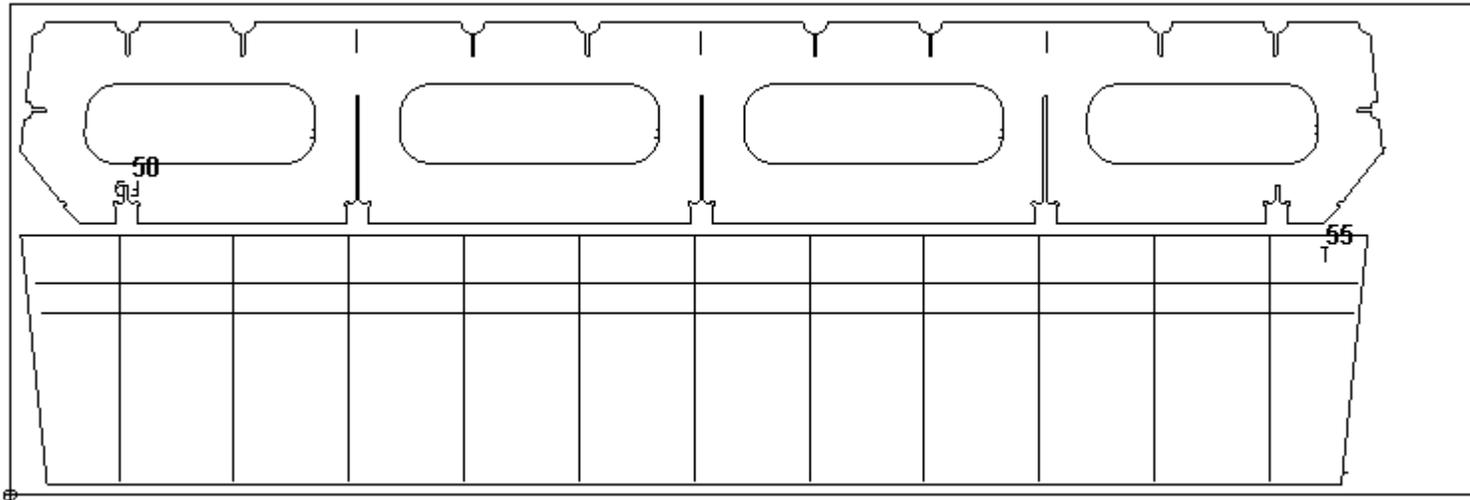
<b>Task Name :</b> T2785	<b>True Scrap</b> 26.6 %	<b>Qty Required</b> 87	<b>Layout 7 of 18</b>
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 7.5 %	<b>Qty Nested</b> 2	



<b>Material</b> 5000+	<b>Sheet Length</b> 240.000"	<b>Sheet X Used</b> 191.948"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 96.000"	<b>Sheet Y Used</b> 91.774"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 2046.70	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
17	1 4 5086_17				CHESTER	
73	1 4 5086_73				CHESTER	

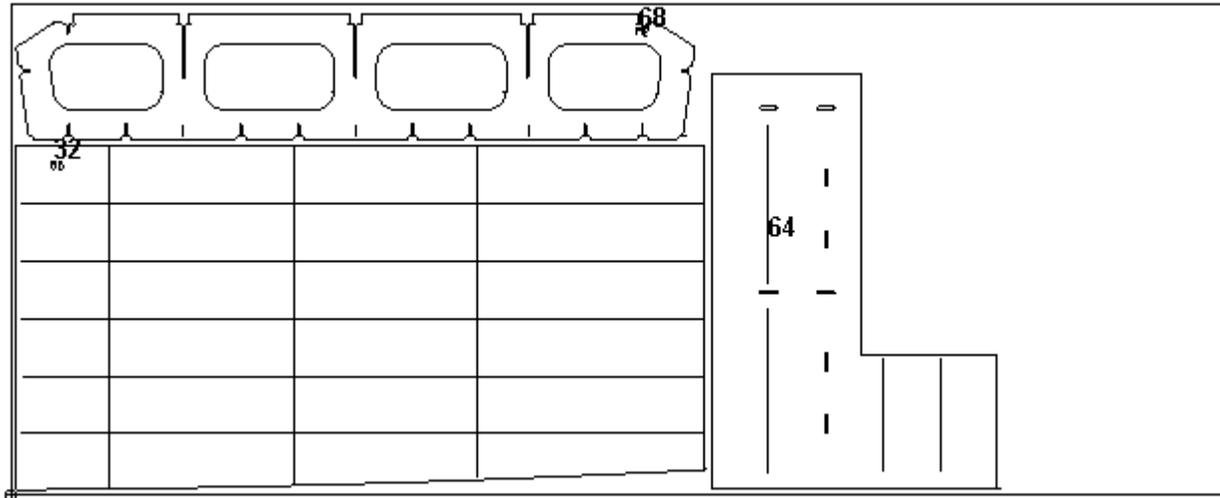
<b>Task Name :</b> T2785	<b>True Scrap</b> 23.5 %	<b>Qty Required</b> 87	<b>Layout</b> 8 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 9.8 %	<b>Qty Nested</b> 2	



<b>Material</b> 5000+	<b>Sheet Length</b> 144.000"	<b>Sheet X Used</b> 134.526"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 48.000"	<b>Sheet Y Used</b> 46.090"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 1524.45	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
50	1 4 5086_50				CHESTER	
55	1 4 5086_55				CHESTER	

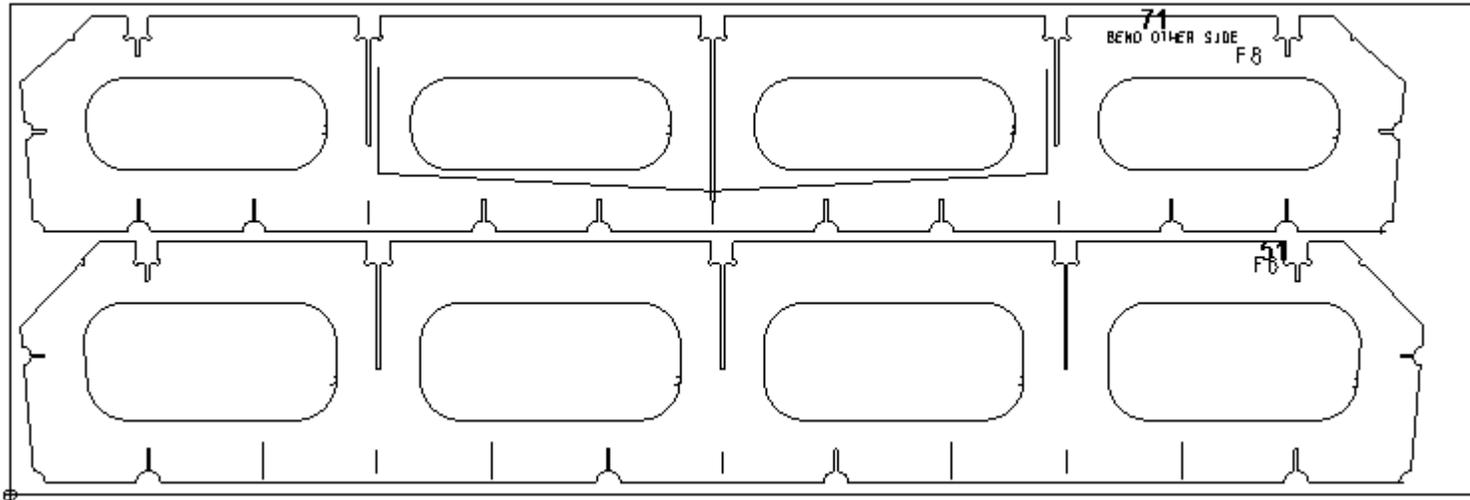
<b>Task Name :</b> T2785	<b>True Scrap</b> 22.8 %	<b>Qty Required</b> 87	<b>Layout</b> 9 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 6.0 %	<b>Qty Nested</b> 3	



<b>Material</b> 5000+	<b>Sheet Length</b> 240.000"	<b>Sheet X Used</b> 193.431"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 96.000"	<b>Sheet Y Used</b> 94.028"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 2443.58	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
32	1 4 5086_32				CHESTER	
64	1 4 5086_64				CHESTER	
68	1 4 5086_68				CHESTER	

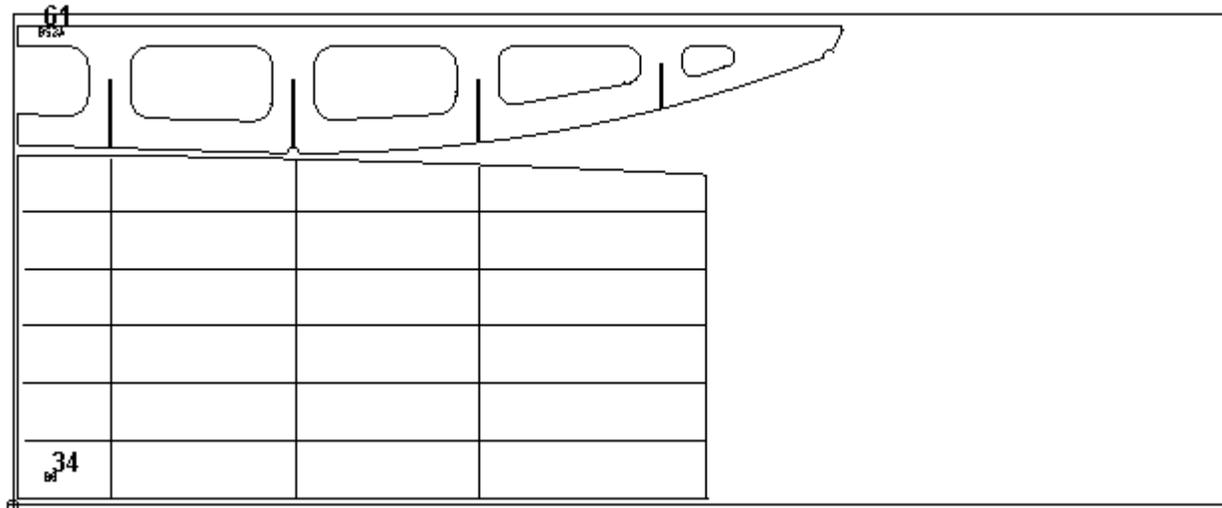
<b>Task Name :</b> T2785	<b>True Scrap</b> 42.8 %	<b>Qty Required</b> 87	<b>Layout</b> 10 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 10.6 %	<b>Qty Nested</b> 2	



<b>Material</b> 5000+	<b>Sheet Length</b> 144.000"	<b>Sheet X Used</b> 138.248"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 48.000"	<b>Sheet Y Used</b> 46.680"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 1568.40	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
51	1 4 5086_51				CHESTER	
71	1 4 5086_71				CHESTER	

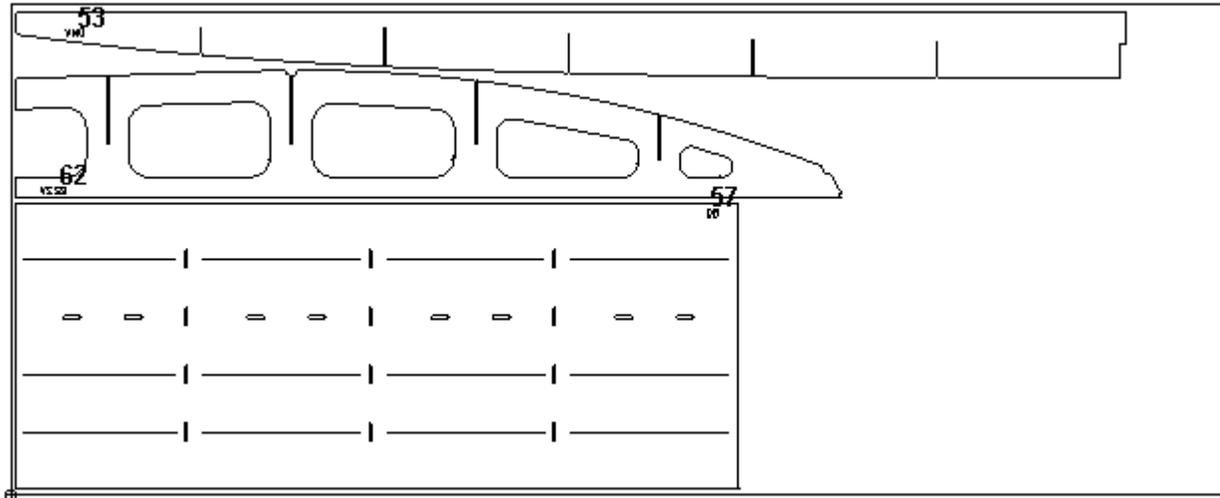
<b>Task Name :</b> T2785	<b>True Scrap</b> 22.0 %	<b>Qty Required</b> 87	<b>Layout</b> 11 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 6.3 %	<b>Qty Nested</b> 2	



<b>Material</b> 5000+	<b>Sheet Length</b> 240.000"	<b>Sheet X Used</b> 162.379"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 96.000"	<b>Sheet Y Used</b> 93.528"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 2019.31	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
34	1 4 5086_34				CHESTER	
61	1 4 5086_61				CHESTER	

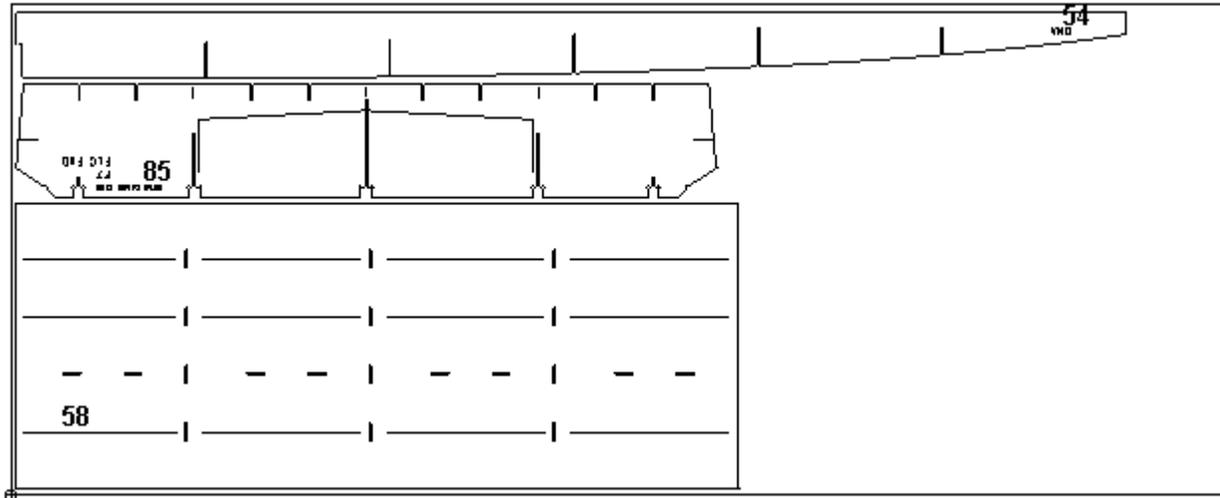
<b>Task Name :</b> T2785	<b>True Scrap</b> 21.2 %	<b>Qty Required</b> 87	<b>Layout</b> 12 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 5.1 %	<b>Qty Nested</b> 3	



<b>Material</b> 5000+	<b>Sheet Length</b> 240.000"	<b>Sheet X Used</b> 218.251"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 96.000"	<b>Sheet Y Used</b> 94.184"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 2215.03	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
53	1 4 5086_53				CHESTER	
57	1 4 5086_57				CHESTER	
62	1 4 5086_62				CHESTER	

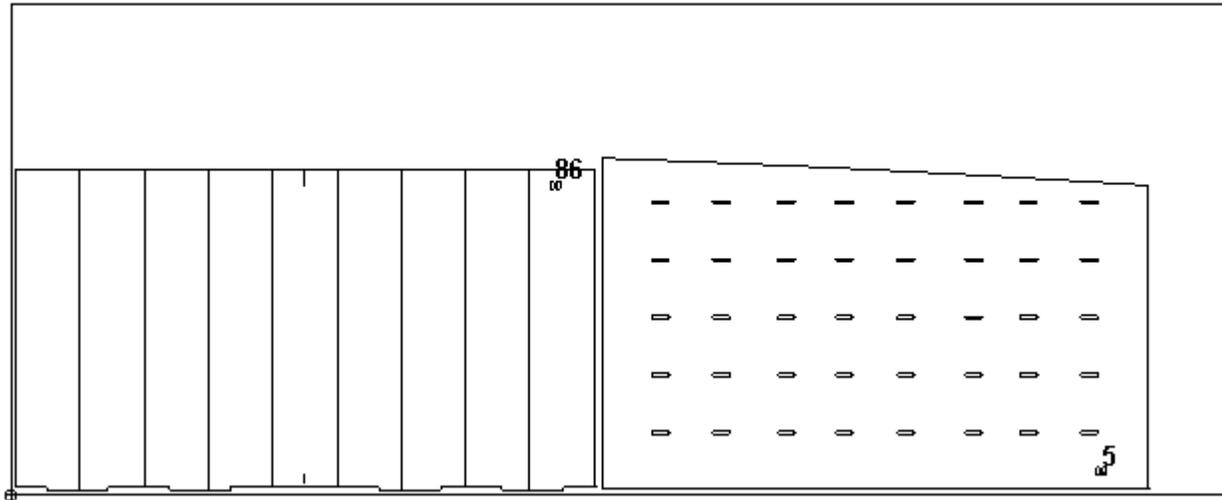
<b>Task Name :</b> T2785	<b>True Scrap</b> 12.1 %	<b>Qty Required</b> 87	<b>Layout</b> 13 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 8.0 %	<b>Qty Nested</b> 3	



<b>Material</b> 5000+	<b>Sheet Length</b> 240.000"	<b>Sheet X Used</b> 218.251"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 96.000"	<b>Sheet Y Used</b> 94.184"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 2084.42	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
54	1 4 5086_54				CHESTER	
58	1 4 5086_58				CHESTER	
85	1 4 5086_85				CHESTER	

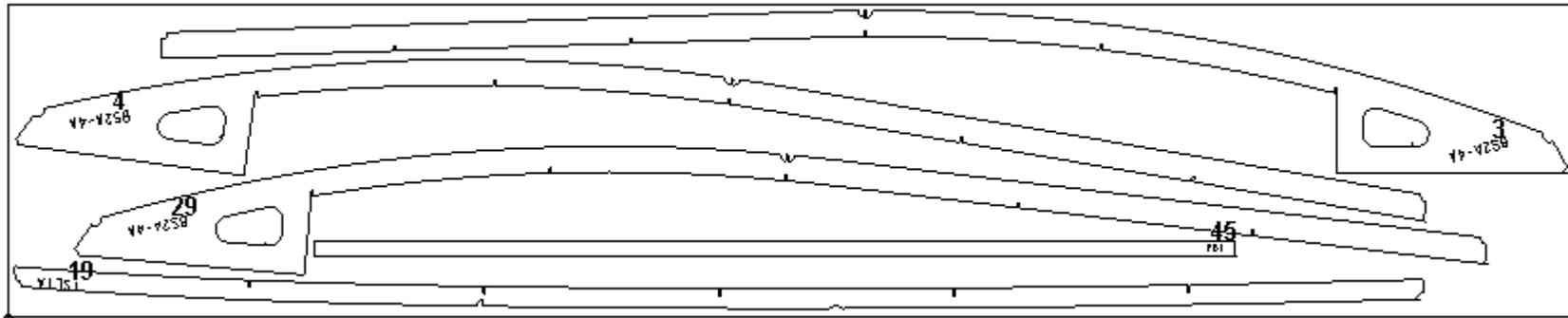
<b>Task Name :</b> T2785	<b>True Scrap</b> 9.0 %	<b>Qty Required</b> 87	<b>Layout</b> 14 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> 6.6 %	<b>Qty Nested</b> 2	



<b>Material</b> 5000+	<b>Sheet Length</b> 240.000"	<b>Sheet X Used</b> 222.750"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 96.000"	<b>Sheet Y Used</b> 65.810"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 1532.35	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
5	1 4 5086_5				CHESTER	
86	1 4 5086_86				CHESTER	

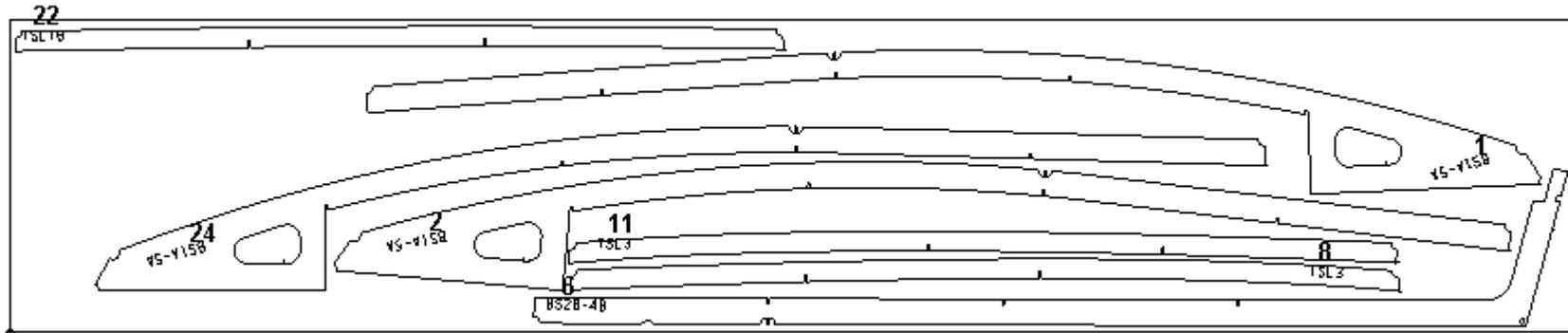
<b>Task Name :</b> T2785	<b>True Scrap</b> 63.4 %	<b>Qty Required</b> 87	<b>Layout</b> 15 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> -26.0 %	<b>Qty Nested</b> 5	



<b>Material</b> 5000+	<b>Sheet Length</b> 240.000"	<b>Sheet X Used</b> 238.841"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 48.000"	<b>Sheet Y Used</b> 46.955"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 2310.31	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
19	1 4 5086_19				CHESTER	
29	1 4 5086_29				CHESTER	
3	1 4 5086_3				CHESTER	
4	1 4 5086_4				CHESTER	
45	1 4 5086_45				CHESTER	

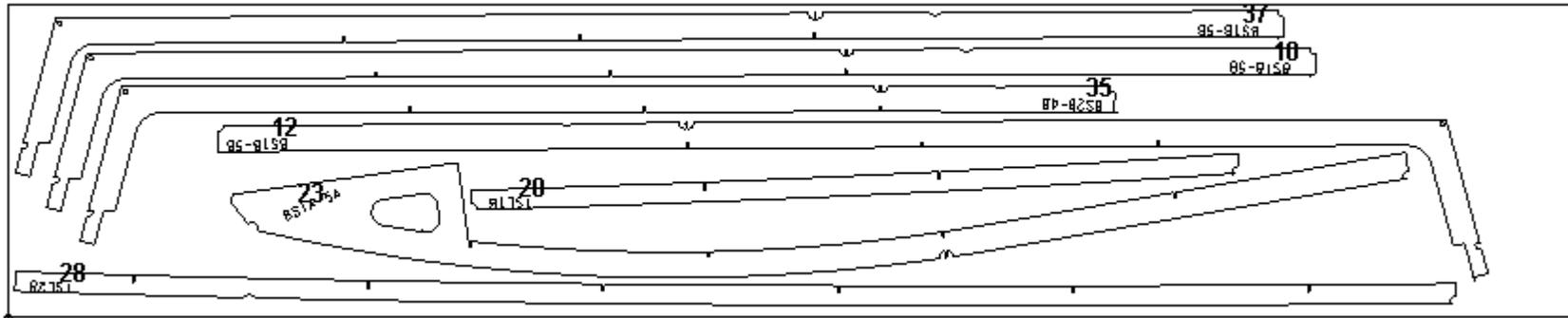
<b>Task Name :</b> T2785	<b>True Scrap</b> 61.3 %	<b>Qty Required</b> 87	<b>Layout</b> 16 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> -33.7 %	<b>Qty Nested</b> 7	



<b>Material</b> 5000+	<b>Sheet Length</b> 240.000"	<b>Sheet X Used</b> 238.907"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 48.000"	<b>Sheet Y Used</b> 46.890"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 2532.38	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
1	1 4 5086_1				CHESTER	
11	1 4 5086_11				CHESTER	
2	1 4 5086_2				CHESTER	
22	1 4 5086_22				CHESTER	
24	1 4 5086_24				CHESTER	
6	1 4 5086_6				CHESTER	
8	1 4 5086_8				CHESTER	

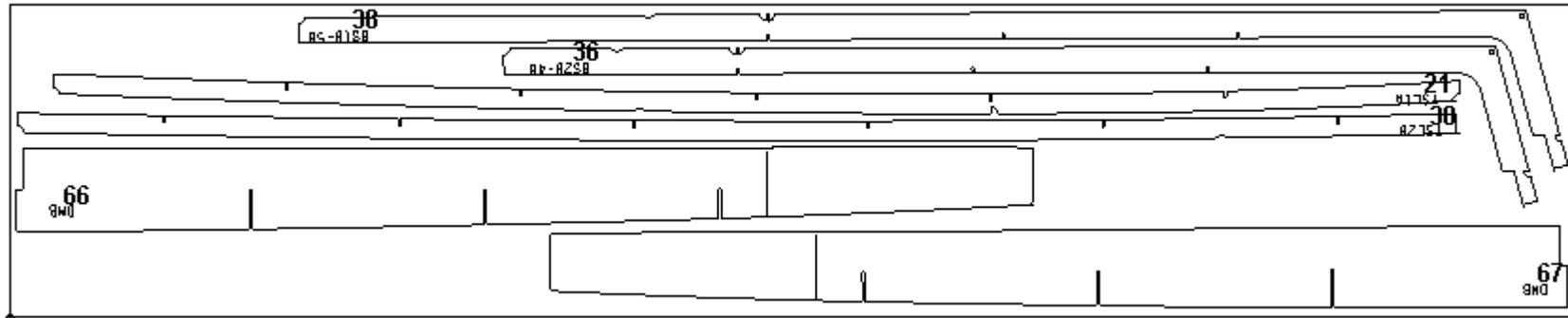
<b>Task Name :</b> T2785	<b>True Scrap</b> 51.9 %	<b>Qty Required</b> 87	<b>Layout</b> 17 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> -115.8 %	<b>Qty Nested</b> 7	



<b>Material</b> 5000+	<b>Sheet Length</b> 240.000"	<b>Sheet X Used</b> 226.688"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 48.000"	<b>Sheet Y Used</b> 46.919"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 2963.72	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
10	1 4 5086_10				CHESTER	
12	1 4 5086_12				CHESTER	
20	1 4 5086_20				CHESTER	
23	1 4 5086_23				CHESTER	
28	1 4 5086_28				CHESTER	
35	1 4 5086_35				CHESTER	
37	1 4 5086_37				CHESTER	

<b>Task Name :</b> T2785	<b>True Scrap</b> 45.4 %	<b>Qty Required</b> 87	<b>Layout</b> 18 of 18
<b>Number of Sheets with Same Layout :</b> 1	<b>Rect Scrap</b> -26.6 %	<b>Qty Nested</b> 6	



<b>Material</b> 5000+	<b>Sheet Length</b> 240.000"	<b>Sheet X Used</b> 239.018"	<b>Heat Number</b>
<b>Thickness</b> 0.250"	<b>Sheet Height</b> 48.000"	<b>Sheet Y Used</b> 46.907"	<b>DATE</b>
<b>CUT THIS SHEET ( ) TIMES</b>		<b>Cutting Length</b> 2575.55	<b>Operator #</b>

Part ID	Part Name	Qty. Req	Qty. Nested	Work Order Number	Customer	Cutting Time
21	1 4 5086_21				CHESTER	
30	1 4 5086_30				CHESTER	
36	1 4 5086_36				CHESTER	
38	1 4 5086_38				CHESTER	
66	1 4 5086_66				CHESTER	
67	1 4 5086_67				CHESTER	