

Note: Dimensions are to Inside of Skin

PLAN & PROFILE

18'x8' WORKBOAT

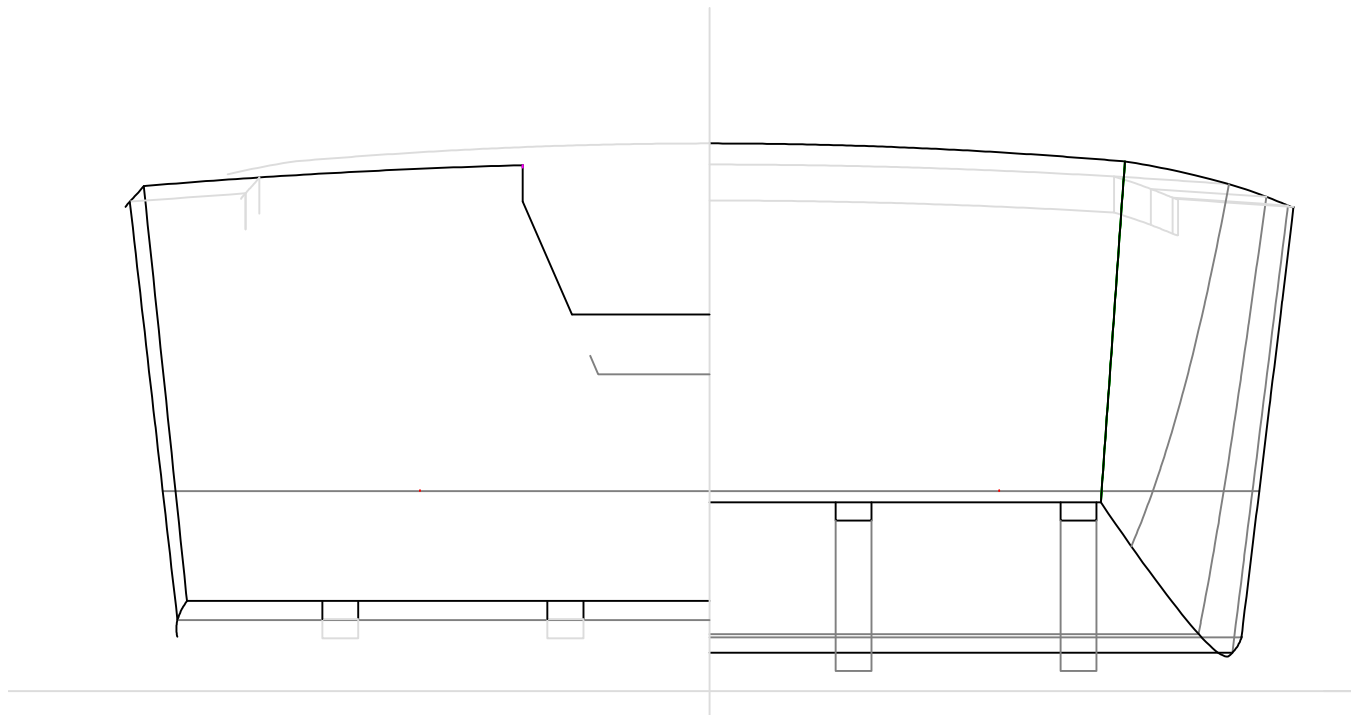
For: Chester Marina

SCALE 1/2" = 1'	DES/DWN WAL/JCC	DATE 12/12/13
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**Response Marine, Inc.**  
Newburyport, MA, www.responsemarine.com

SHEET
DWG NO. 300-18-1

REV.	DESCRIPTION



BODY PLAN- Frames  
18'x8'WORKBOAT

For: Chester Marina

SCALE 3/4" = 1'	DES/DWN WAL/JCC	DATE 12/12/13
<b>Response Marine, Inc.</b> Newburyport, MA, <a href="http://www.responsemarine.com">www.responsemarine.com</a>		SHEET DWG NO. 300-18-02

REV. DESCRIPTION

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NC Parts

Response Marine, Inc. Plaz Parts for #300-18, Chester 18' FBWB18 FBWB  
 File: Chester 300-18 18FBWB

12/12/2013  
 Print Date: 7/16/2019

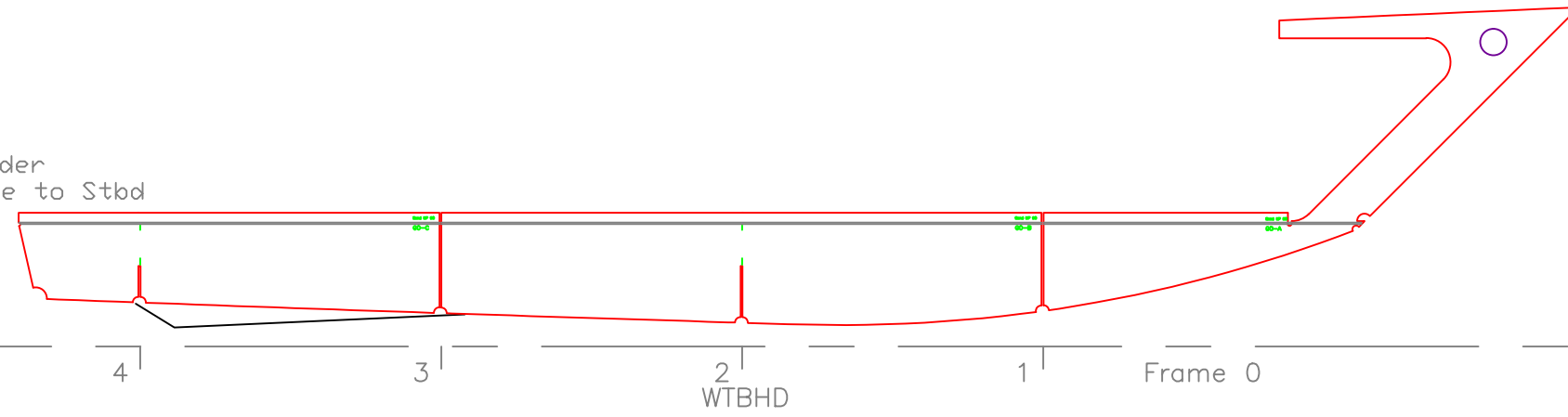
**3/16" Parts- 5086/5083 H116**

<u>Part #</u>	<u>Pieces</u>	<u>Description</u>	<u>Stock</u>	<u>BEND</u>
SS-A	1	Sole Fwd, Stbd	3-7,8	=IF(E9="Y",B9,0)
SP-A	1	Sole Fwd, Port	3-3,4	
FD	1	Foredeck	3-11,12	
SD-P	1	Side Deck, Stbd	3-7,8	
SD-S	1	Side Deck Port	3-3,4	
SP-B	1	Sole Aft, Port	3-3,4	
SS-B	1	Sole Aft, Stbd	3-7,8	
TS-AS	1	Topsides, Starboard	3-9,10	
TS-AP	1	Topsides, Port	3-5,6	
B	1	Bottom	3-1,2	
G0-A	1	Girder, CL, fwd, F1-Stem	3-5,6	Y
G0-B	1	Girder, CL, mid, F3-F1	3-5,6	Y
G0-C	1	Girder, CL, aft, Transom-F3	3-5,6	Y
GP-A	1	Girder, Port fwd, F2-Bow	3-3,4	Y
GP-B	1	Girder, Port aft, Transom-F2	3-3,4	Y
GS-A	1	Girder, Stbd fwd, F2-Bow	3-7,8	Y
GS-B	1	Girder, Stbd aft, Transom-F2	3-7,8	Y
FDC	1	Foredeck Coaming	3-11,12	
SDC-S	1	Coaming, Stbd	3-9,10	
SDC-P	1	Coaming, Port	3-1,2	
ST	1	Stem/Bow	3-11	
GS-P	1	Girder at Stem, Port	3-9,10	Y
GS-S	1	Girder at Stem, Stbd	3-9	Y
TD	2	Transom Deck	3-5,6	
TDC	2	Transom Deck Coaming	3-5,6	
TDC-C	2	Transom Deck Cut Coaming	3-5,6	
F0-U	2	Frame 0, Topsides only	3-5,6	Y
F1	1	Frame 1	3-1,2	Y
F1-U	2	Frame 1 Upper	3-5,6	Y
F2	1	Frame 2	3-9	Y
F2-U	2	Frame 2 Upper	3-5,6,9	Y
F3	1	Frame 3	3-1,2	Y
F3-U	2	Frame 3 Upper	3-5,6	Y
F4	1	Frame 4	3-5,6	Y
F4-U	2	Frame 4, Upper	3-1,2,5,6	Y
	43	Sub Total		

**1/4" Parts- 5086/5083 H116**

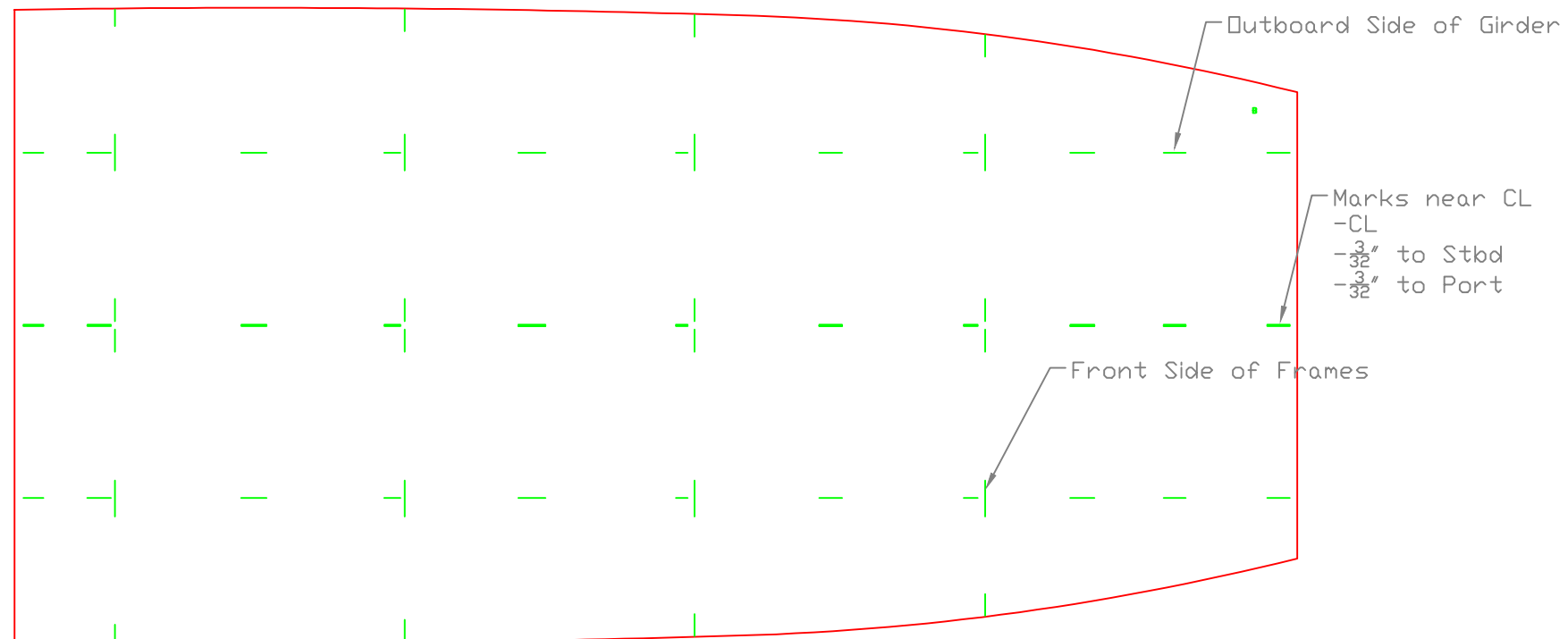
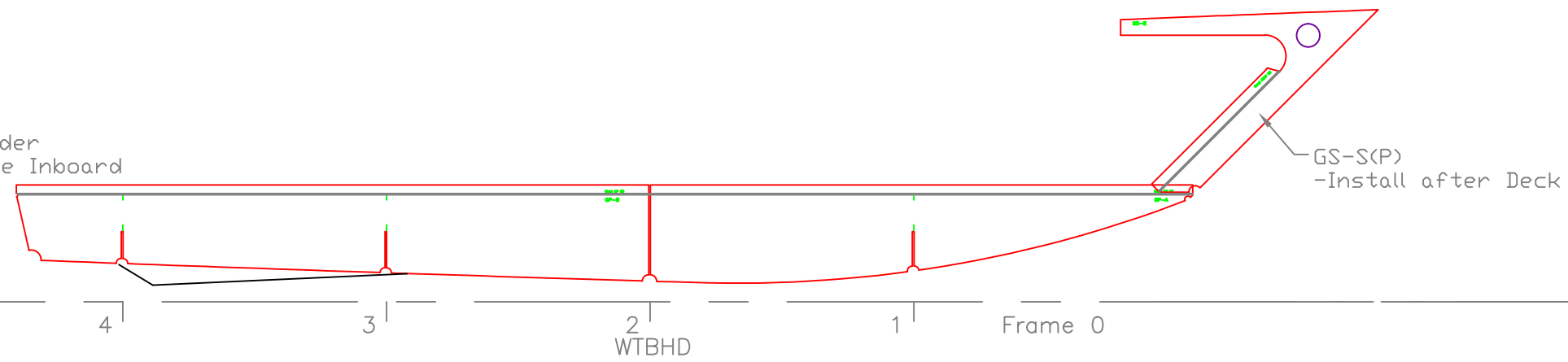
<u>Part #</u>	<u>Pieces</u>	<u>Description</u>	<u>Stock</u>	<u>Stock</u>
TR	1	Transom	4-1,2	
FB	2	Flat Bar for Transom	4-1,2	
	3	Sub Total		
	46	Total Cut Parts		

CL Girder  
-Flange to Stbd



Note:  
Girders shown Before Bending

DB Girder  
-Flange Inboard



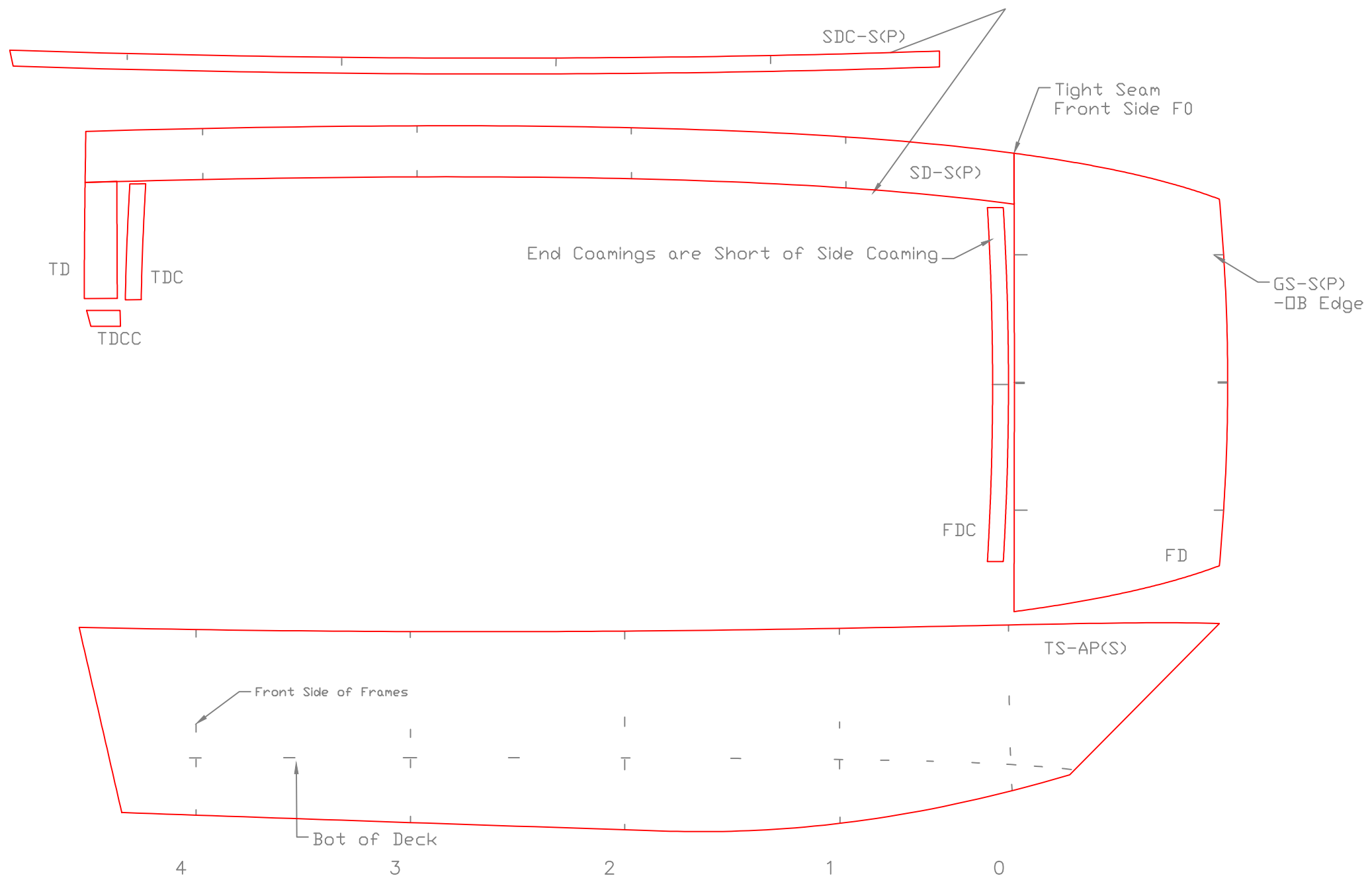
### BOTTOM LAYOUT

18'x8' WORKBOAT

For: Chester Marina

SCALE 1/2" = 1'	DES/DWN WAL/JCC	DATE 12/12/13
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REV.	DESCRIPTION	SHEET Response Marine, Inc. Newburyport, MA, www.responsemarine.com	DWG NO. 300-18-PL-1
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SIDE & SIDE DECK LAYOUT

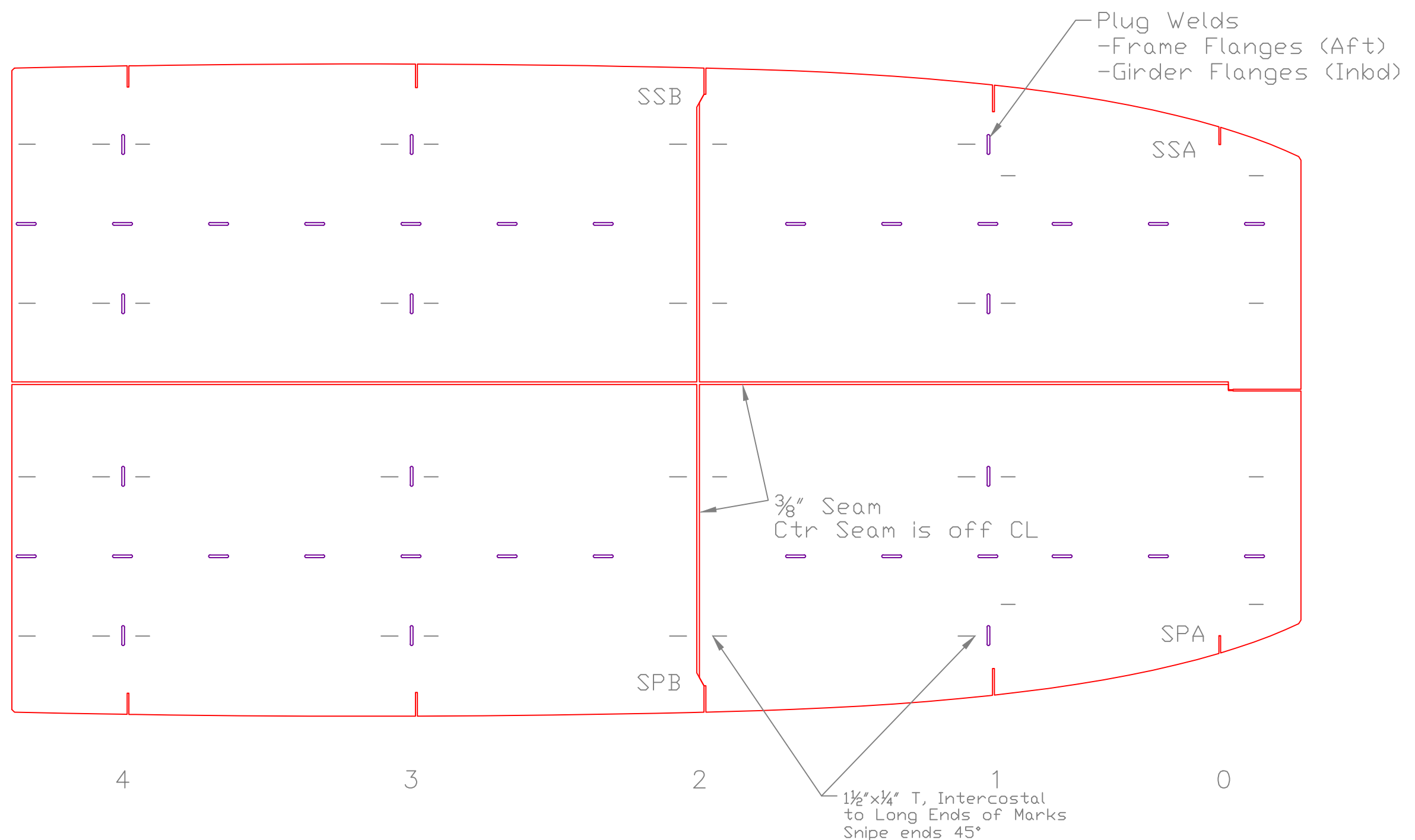
18'x8' WORKBOAT

For: Chester Marina

SCALE 1/2" = 1'	DES/DWN WAL/JCC	DATE 12/12/13
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REV.	DESCRIPTION	SHEET
		DWG NO. 300-18-PL-2

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



View is Underside, L'kg Up

MAIN DECK LAYOUT

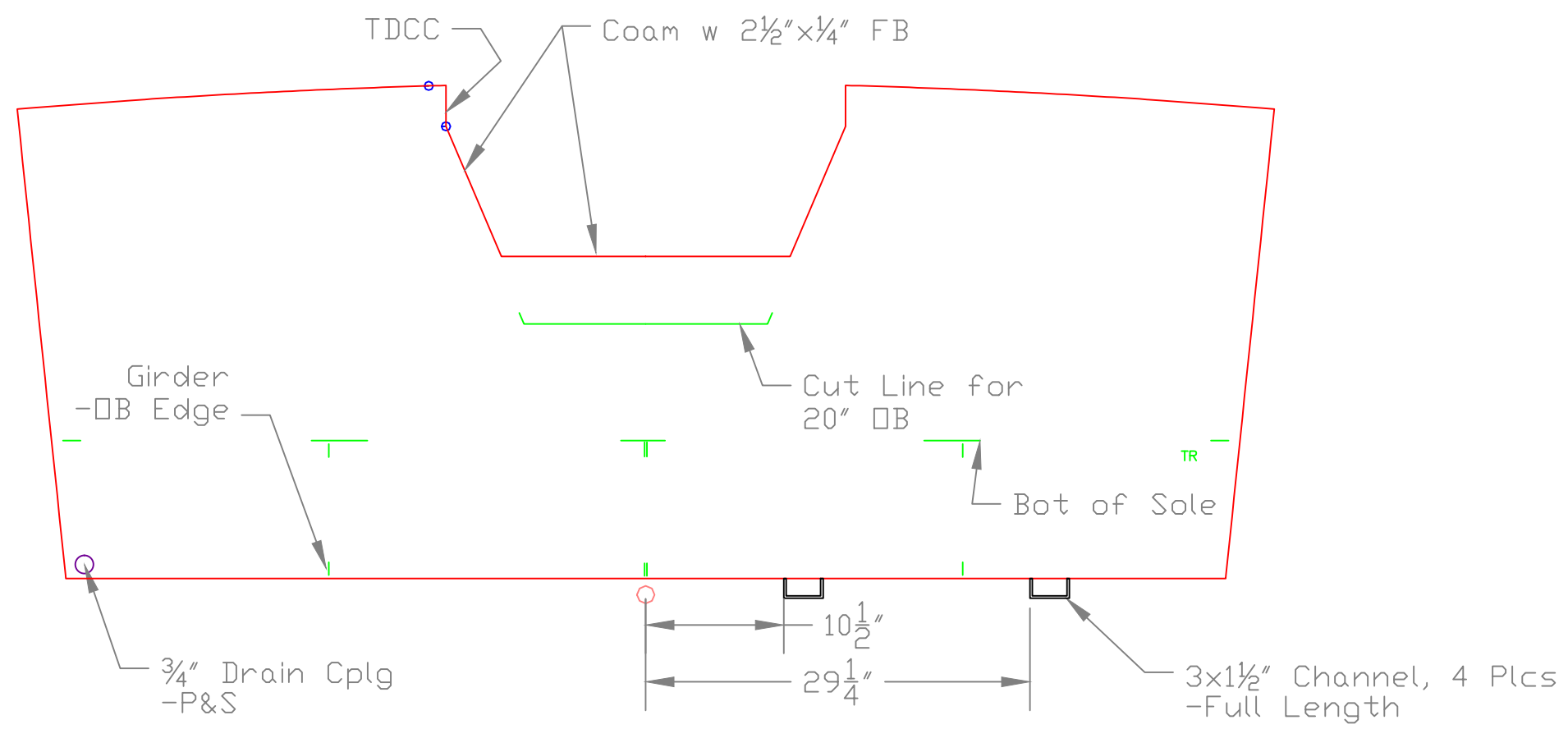
18'x8' WORKBOAT

For: Chester Marina

SCALE 1/2" = 1'	DES/DWN WAL/JCC	DATE 12/12/13
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<b>Response Marine, Inc.</b> Newburyport, MA, www.responsemarine.com	SHEET DWG NO. 300-18-PL-3
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REV.	DESCRIPTION



TRANSOM

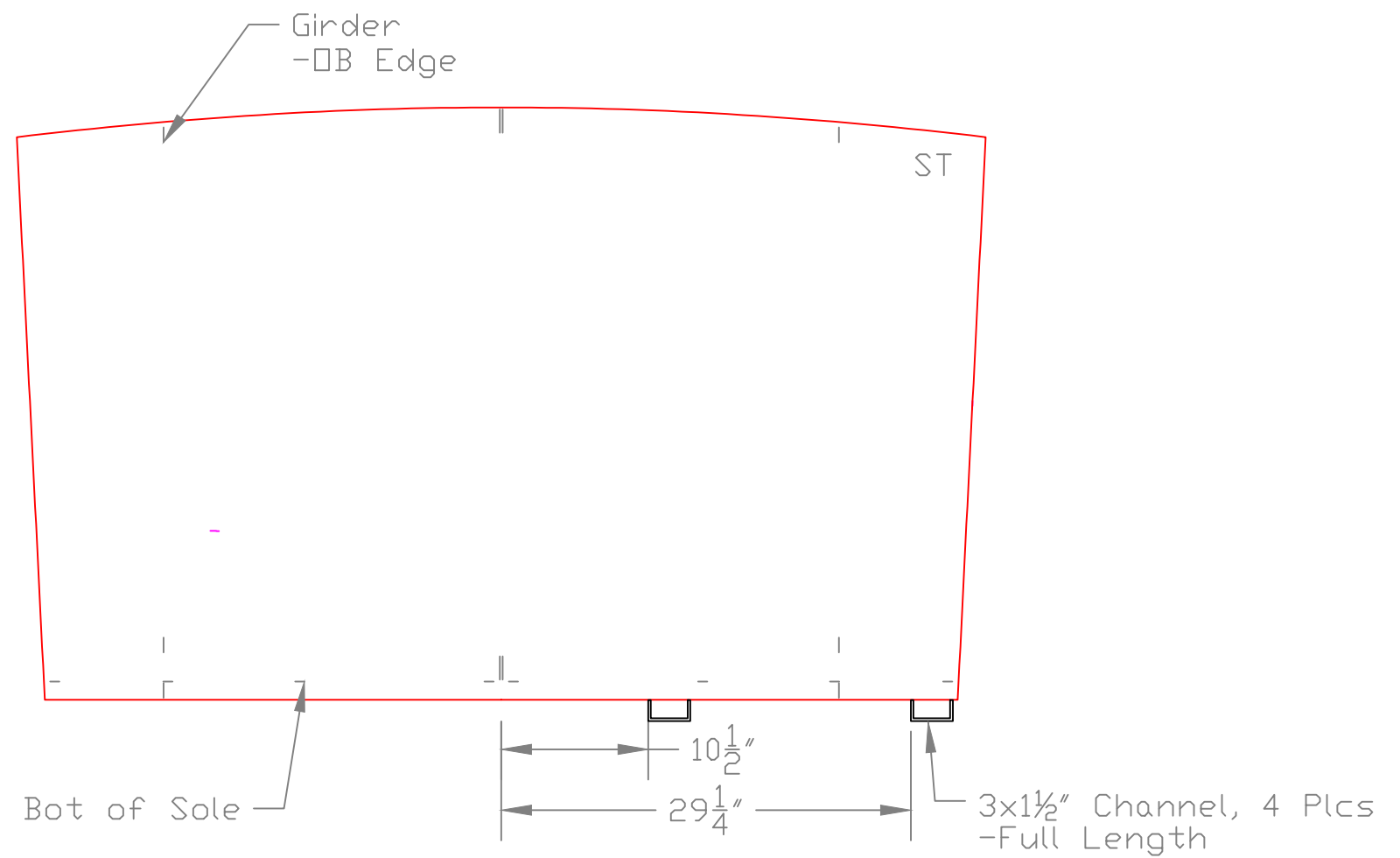
18'x8' WORKBOAT

For: Chester Marina

SCALE 1" = 1'	DES/DWN WAL/JCC	DATE 12/12/13
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REV.	DESCRIPTION	SHEET 300-18-2-1
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BOW

18'x8' WORKBOAT

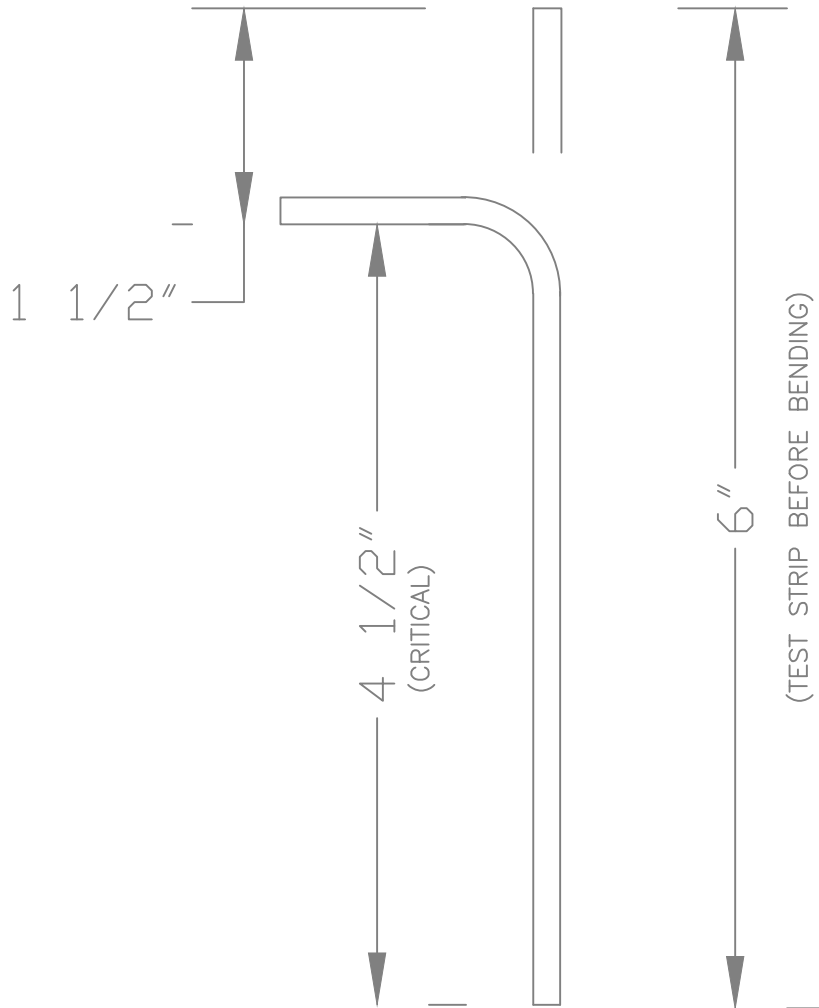
For: Chester Marina

SCALE 1" = 1'	DES/DWN WAL/JCC	DATE 12/12/13
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<b>Response Marine, Inc.</b> Newburyport, MA, <a href="http://www.responsemarine.com">www.responsemarine.com</a>	SHEET DWG NO. 300-18-2-2
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REV.	DESCRIPTION





FRAME BENDING:  $\frac{3}{16}$ " 5086 H116 Stock

- 1) Confirm results for dimensions and cracking with test strips before bending frames.
- 2) Expected Die Radius is  $\frac{1}{2}$ "
- 3) Flanges are designed for Inside major flange of  $\frac{1}{2}$ " less than flat stock length as shown.
- 4) Expected Back Gauge setting is 1.55", but confirm and adjust.
- 5) Parts to be flanged per this same set-up:

- F0-U (2)
- F1-U (2)
- F2-U (2)
- F3-U (2)
- F4-U (2)
- F1 (1)
- F2 (1)
- F3 (1)
- F4 (1)
- G0-A (1)
- G0-B (1)
- G0-C (1)
- GP-A (1)
- GP-B (1)
- GS-A (1)
- GS-B (1)
- GS-P (1)
- GS-S (1)

Double these qty's for a 2 boat order.

## FLANGE BENDING

18'x8'WORKBOAT

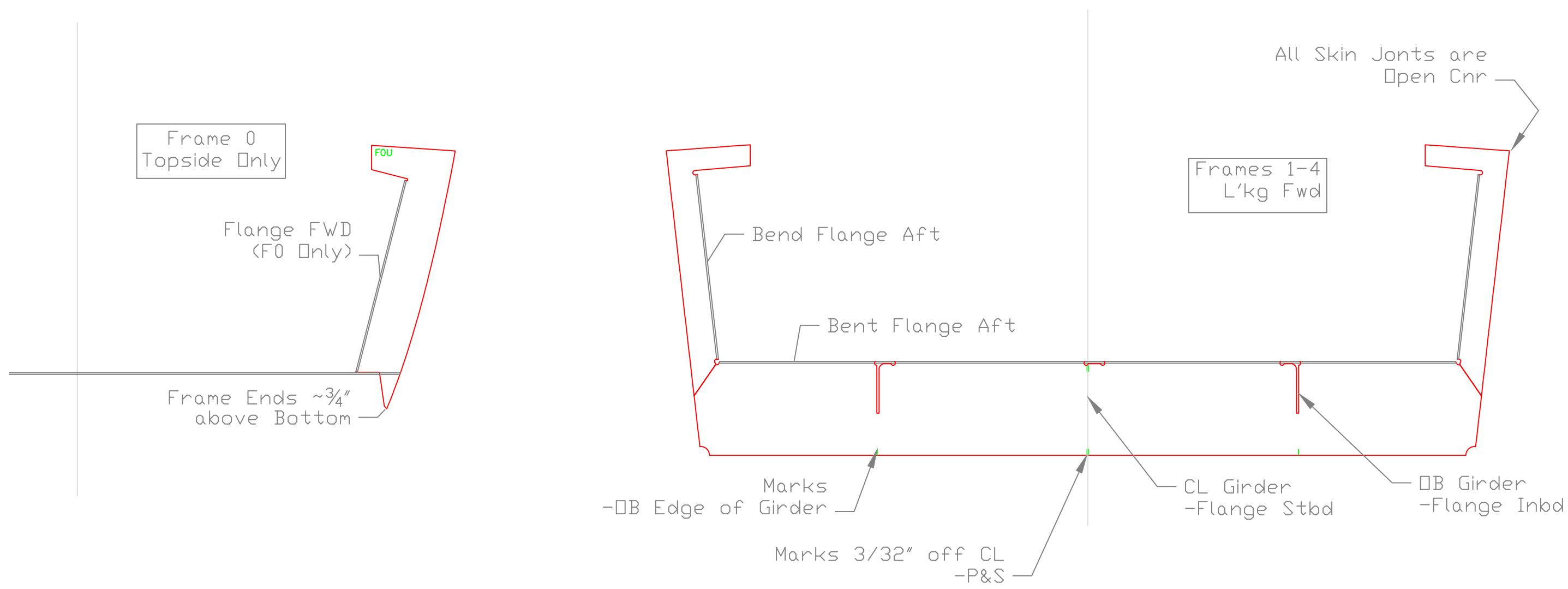
For: Chester Marina

SCALE NONE	DES/DWN WAL/JCC	DATE 12/12/13
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<b>Response Marine, Inc.</b>		SHEET
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REV.	DESCRIPTION	DWG NO. 300-18-B-1
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Newburyport, MA, [www.responsemarine.com](http://www.responsemarine.com)



TYPICAL FRAMES

18'x8' WORKBOAT

For: Chester Marina

SCALE 1" = 1'	DES/DWN WAL/JCC	DATE 12/12/13
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REV.	DESCRIPTION	SHEET
		DWG NO. 300-18-F-1

**Response Marine, Inc.**  
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