

DRAWING LIST

Design	Dwg	Description	Customer	Date
19' x 7.5' for Chester Boat Works				
572	-1	Outboard Views		1/19/18
	2-1	Keel Layout		1/19/18
	2-2	Girder Layout		1/19/18
	2-3	Bottom Layout		1/19/18
	2-4	Side Layout		1/19/18
	2-5	Transom		1/19/18
	2-6	Cockpit Sole Layout		1/19/18
	2-7	Side Decks		1/19/18
	4-1	Console		1/19/18
	B-1	Typical Flange Bending, B-1		1/19/18
	C-1	Typical Skin Joints		1/19/18
	F-R	Frame Dimensions		1/19/18
	F1	Frame 1		1/19/18
	F2	Frame 2		1/19/18
	F3	Frame 3		1/19/18
	F4	Frame 4		1/19/18
	F5	Frame 5		1/19/18

NC Parts

Response Marine, Inc.

NC Cut Parts

572, 19' Utility Launch
 File:WBI\Seaduck17\Deriv\572
 revised: 1/18/17

Print Date: 1/18/2018

3/16" Parts- 5052

<u>Part #</u>	<u>Pieces</u>	<u>Description</u>	<u>Bend</u>
CB	1	Console Back	Y, On Marks, Tight Radius
CF	1	Console Face	Y, On Marks, Tight Radius
CS-P	1	Console Side, Port	
CS-S	1	Console Side, Stbd	
DB-B	1	Cockpit Deck, Body, F3-F5	
DB-C	1	Cockpit Deck, Body, F5-Transom	
J-TR	2	Transom Jig	
	8	Total 3/16"5052 Pieces	

3/16" Parts- 5086 Marine

<u>Part #</u>	<u>Pieces</u>	<u>Description</u>	<u>Bend</u>
ALB	1	Anchor Locker Bottom	
BG-2GP	1	Bottom Girder #2, F3-Tran, Port	Y, Flange B1
BG-2GS	1	Bottom Girder #2, F3-Tran, Stbd	Y, Flange B1
B-P	1	Bottom Plate, Port	
B-S	1	Bottom Plate, Stbd	
DB-AP	1	Cockpit Deck, F1-F2, Port	
DB-AS	1	Cockpit Deck, F1-F2, Stbd	
DM-P	1	Cockpit Margin Deck, F1-F2, Port	
DM-S	1	Cockpit Margin Deck, F1-F2, Stbd	
F1	1	Frame 1	
F2	1	Frame 2	Y, Flange B1
F2-P	1	Frame 2- Upper, Port	Y, Flange B1
F2-S	1	Frame 2- Upper, Stbd	Y, Flange B1
F3	1	Frame 3 (bottom)	Y, Flange B1
F3-P	1	Frame 3- Upper, Port	Y, Flange B1
F3-S	1	Frame 3- Upper, Stbd	Y, Flange B1
F4	1	Frame 4 (bottom)	Y, Flange B1
F5	1	Frame 5 (bottom)	Y, Flange B1
F5-P	1	Frame 5- Upper, Port	Y, Flange B1
F5-S	1	Frame 5- Upper, Stbd	Y, Flange B1
SDC-P	1	Side Deck Coaming, Port	
SDC-S	1	Side Deck Coaming, Stbd	
SD-P	1	Side & Fore Deck, Port	
SD-S	1	Side & Fore Deck, Stbd	
SF	1	Stem Face	
TCSC-P	1	Transom Cut Side Coaming & Knee, Port	Y, On Mark
TCSC-S	1	Transom Cut Side Coaming & Knee, Stbd	Y, On Mark
TDC-P	1	Transom Deck Coaming, Port	
TDC-S	1	Transom Deck Coaming, Stbd	

NC Parts

TSL-BP	1	Topside Longitudinal, Aft, Port	Y, Flange B1
TSL-BS	1	Topside Longitudinal, Aft, Stbd	Y, Flange B1
TS-P	1	Topsides, Port	
TS-S	1	Topsides, Stbd	

33 Total 3/16" 5086 Pieces

1/4" Parts- 5086 Marine

<u>Part #</u>	<u>Pieces</u>	<u>Description</u>
BS-1P	1	Bottom Longitudinal 1 , Port
BS-1S	1	Bottom Longitudinal 1 , Stbd
BS-2P	1	Bottom Longitudinal 2 , Port
BS-2S	1	Bottom Longitudinal 2 , Stbd
BS-3P	1	Bottom Longitudinal 3 , Port
BS-3S	1	Bottom Longitudinal 3 , Stbd
TRAN	1	Transom
TR-SP	1	Topside Stringer atTransom, Port
TR-SS	1	Topside Stringer atTransom, Stbd
TSL-AP	1	Topside Longitudinal, Fwd, Port
TSL-AS	1	Topside Longitudinal, Fwd, Stbd

11 Total 1/4" Pieces

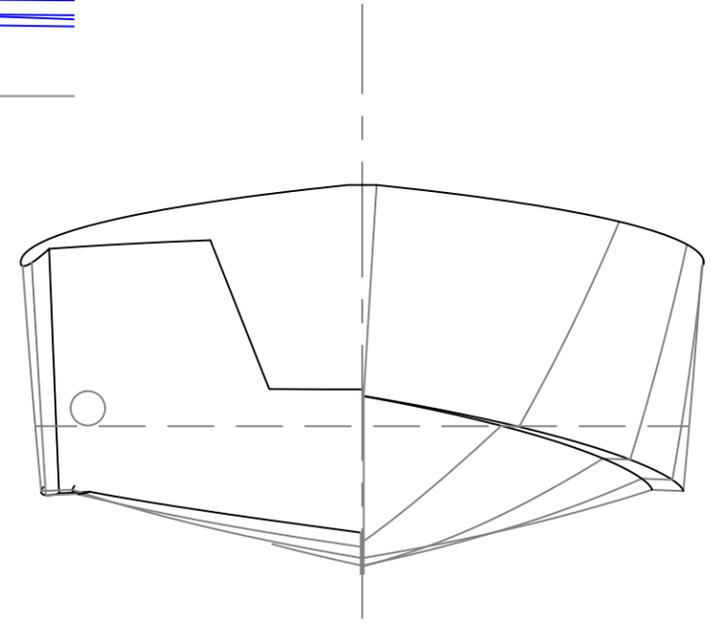
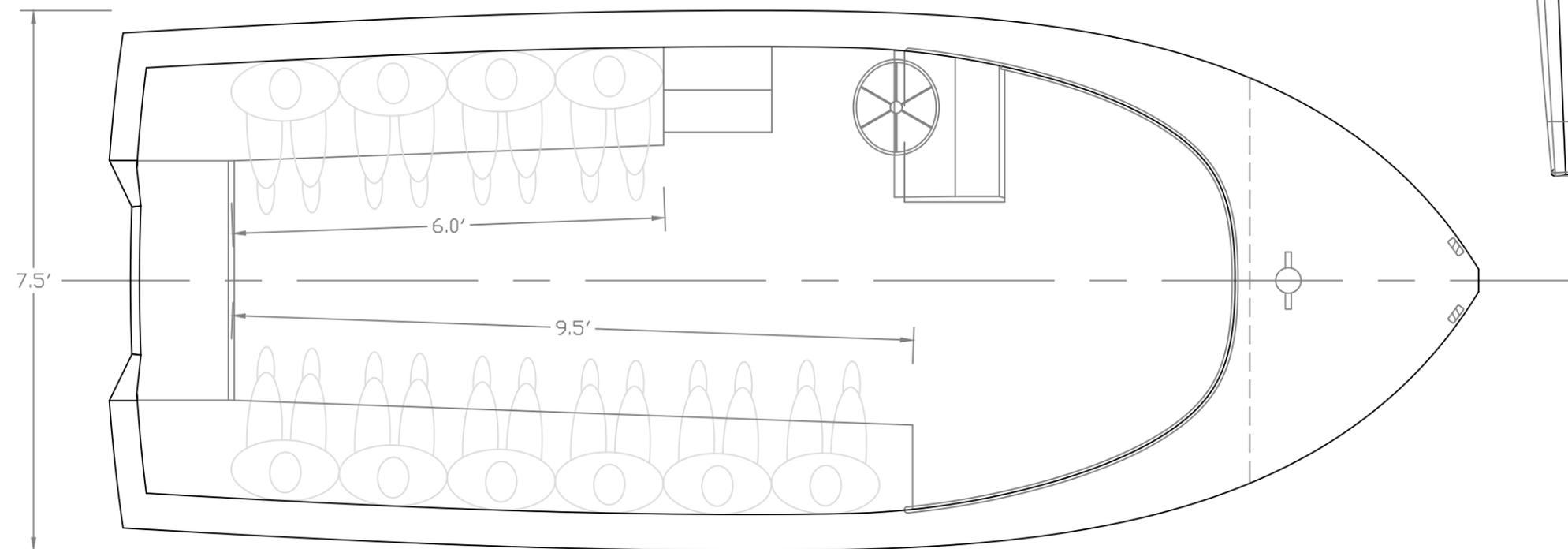
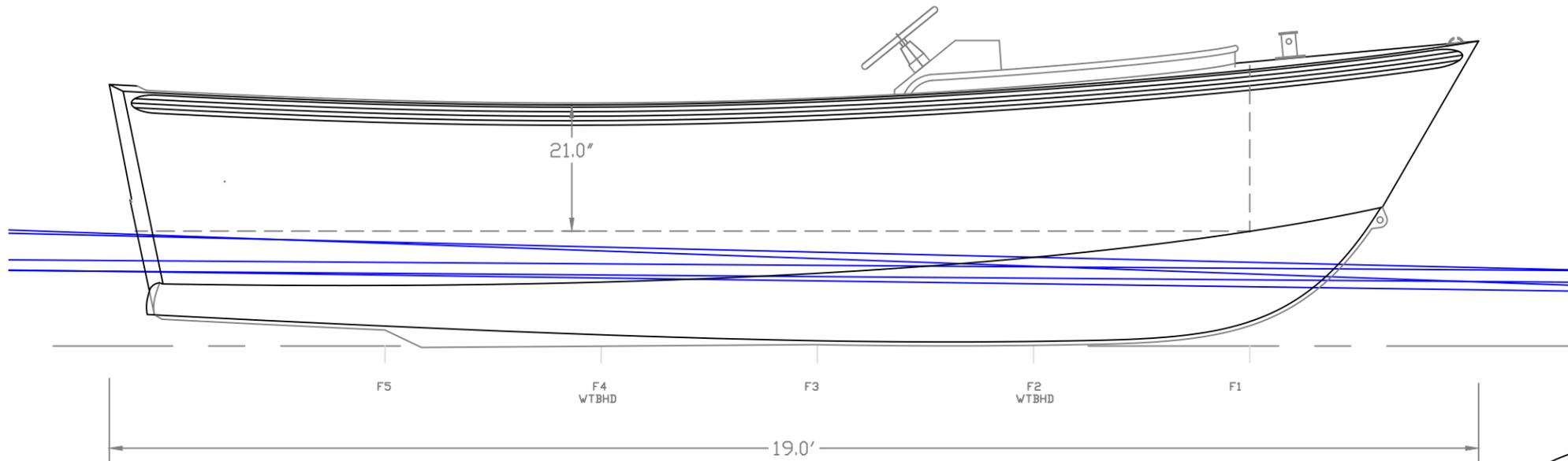
3/8" Parts- 5086 Marine

<u>Part #</u>	<u>Pieces</u>	<u>Description</u>
C-AP	1	Chine, fwd, Port
C-AS	1	Chine, fwd, Stbd
C-BP	1	Chine, aft, Port
C-BS	1	Chine, aft, Stbd
K-A	1	Keel, Fwd Top
K-B	1	Keel Mid
K-C	1	Keel, Aft
TL	1	Transom Lip at Engine
TR-ED	2	Transom- Engine Doubler

10 Total 3/8" parts

62 Total Cut Parts

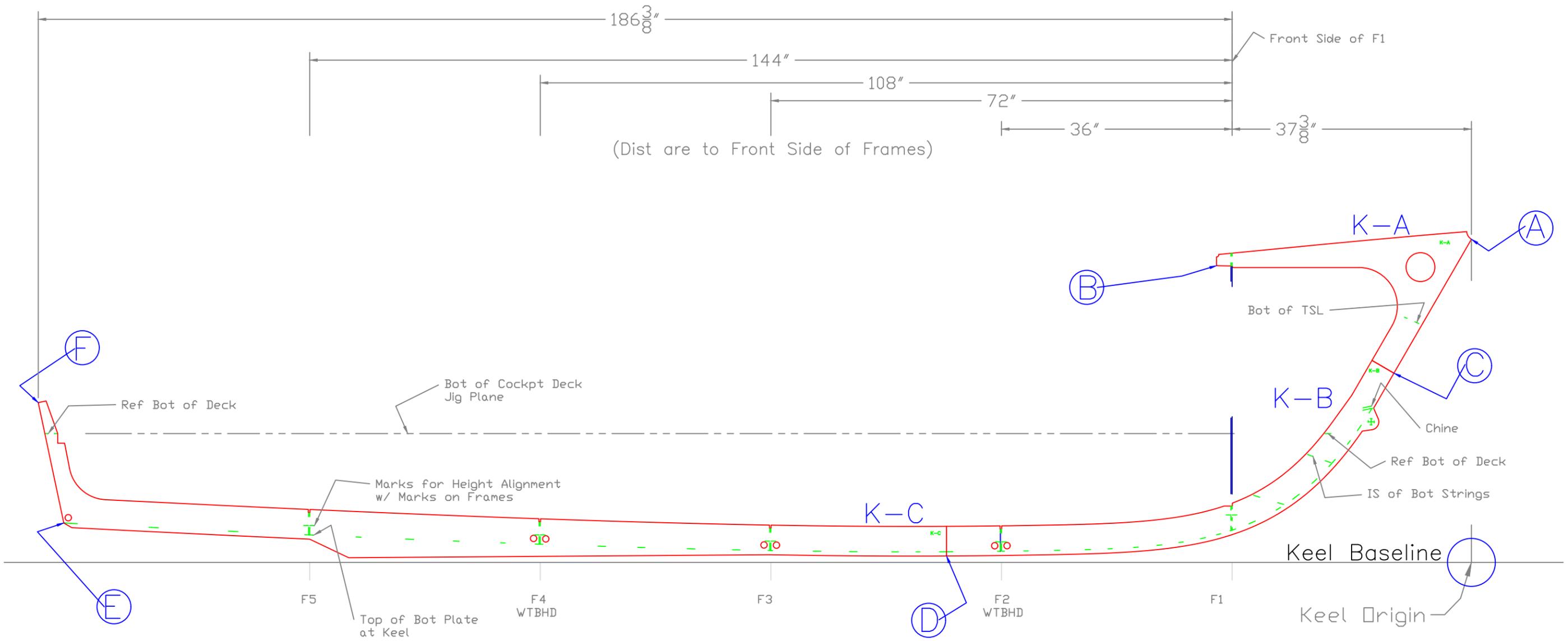
Waterlines Range 2,300# (No Passengers)
 to 4,700# (2,405 load, 12 passengers & 1 Crew at 185#
 each



Design/Outfit for Commercial Use Only

19' x 7'6" Launch		
Outboard Views		
SCALE 1/2" = 1'	DES/DWN WAL	DATE 1/19/18
Response Marine, Inc. Newburyport, MA, www.responsemarine.com		SHEET DWG NO. 572-1

REV.	DESCRIPTION



KEEL POINTS

1/18/18

Inches- sixteenths	
Horizontal	Vertical
A to Origin	50 6/16

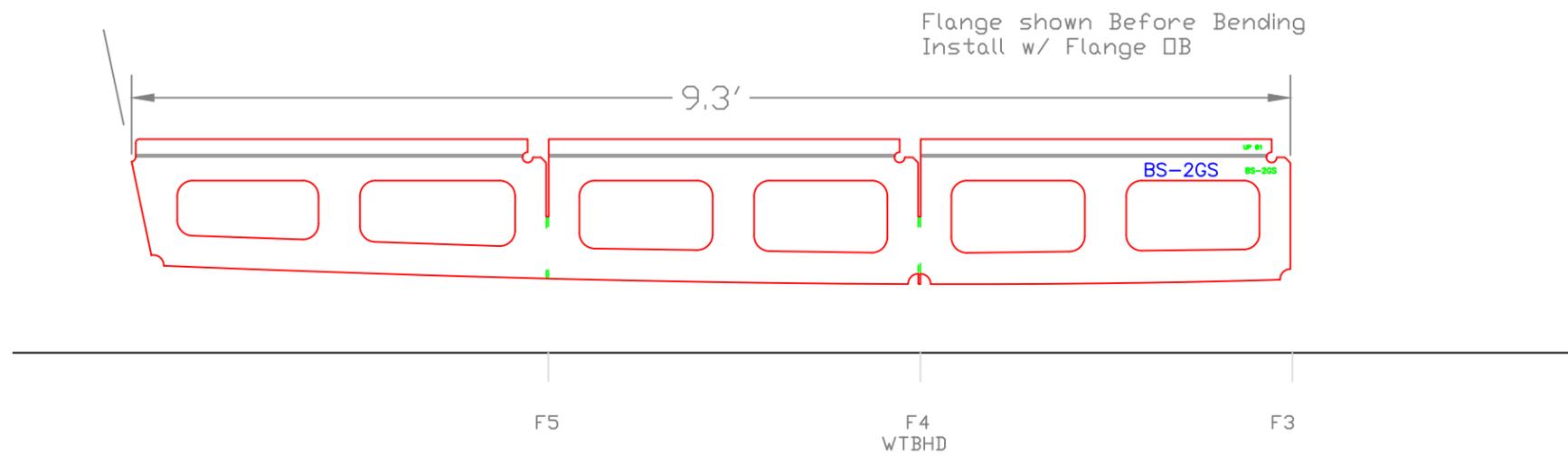
ALIGNED (Inches-sixteenths)				
A	B	C	D	E

- A to Origin
- B to Origin
- C to Origin
- D to Origin
- E to Origin
- F to Origin



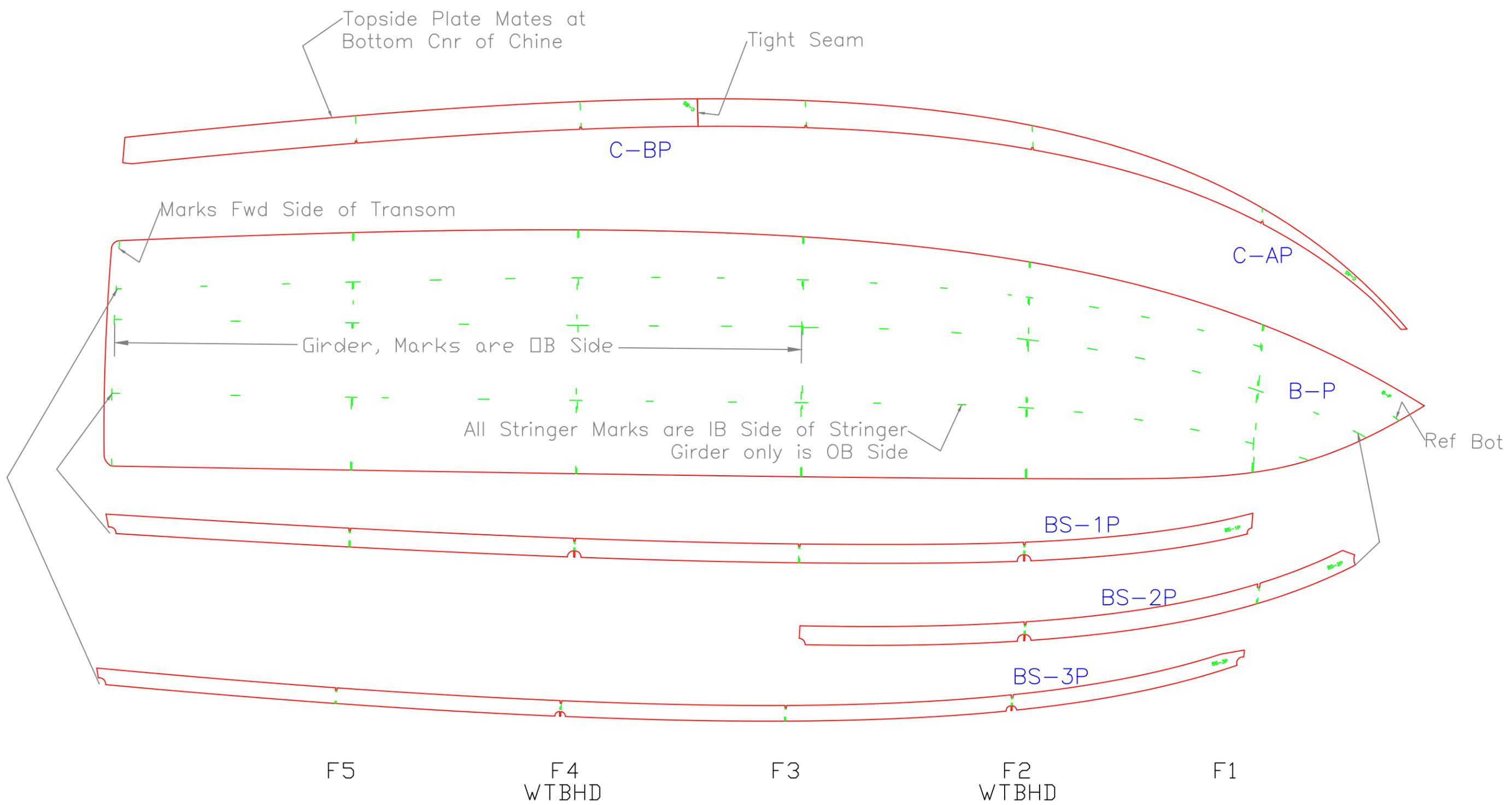
19' x 7'6" Launch		
KEEL LAYOUT		
SCALE 3/4" = 1'	DES/DWN WAL	DATE 1/19/18
Response Marine, Inc.		SHEET
Newburyport, MA, www.responsemarine.com		DWG NO. 572-2-1

REV.	DESCRIPTION



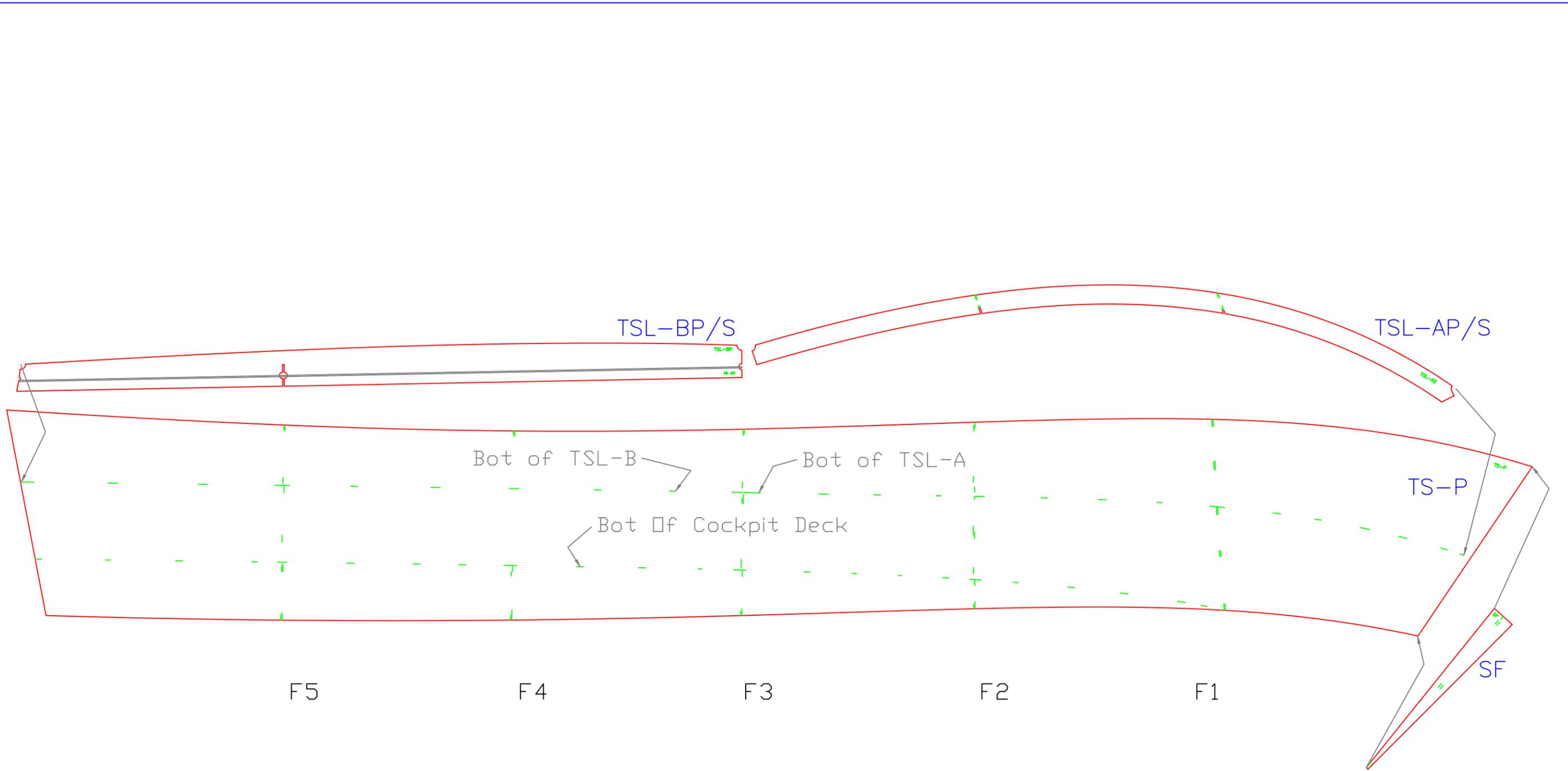
19' x 7'6" Launch		
GIRDER LAYOUT		
SCALE 3/4" = 1'	DES/DWN WAL	DATE 1/19/18
Response Marine, Inc. Newburyport, MA, www.responsemarine.com		SHEET DWG NO. 572-2-2

REV.	DESCRIPTION



19' x 7'6" Launch		
BOTTOM LAYOUT		
SCALE 3/4" = 1'	DES/DWN WAL	DATE 1/19/18
Response Marine, Inc.		SHEET
Newburyport, MA, www.responsemarine.com		DWG NO. 572-2-3

REV.	DESCRIPTION

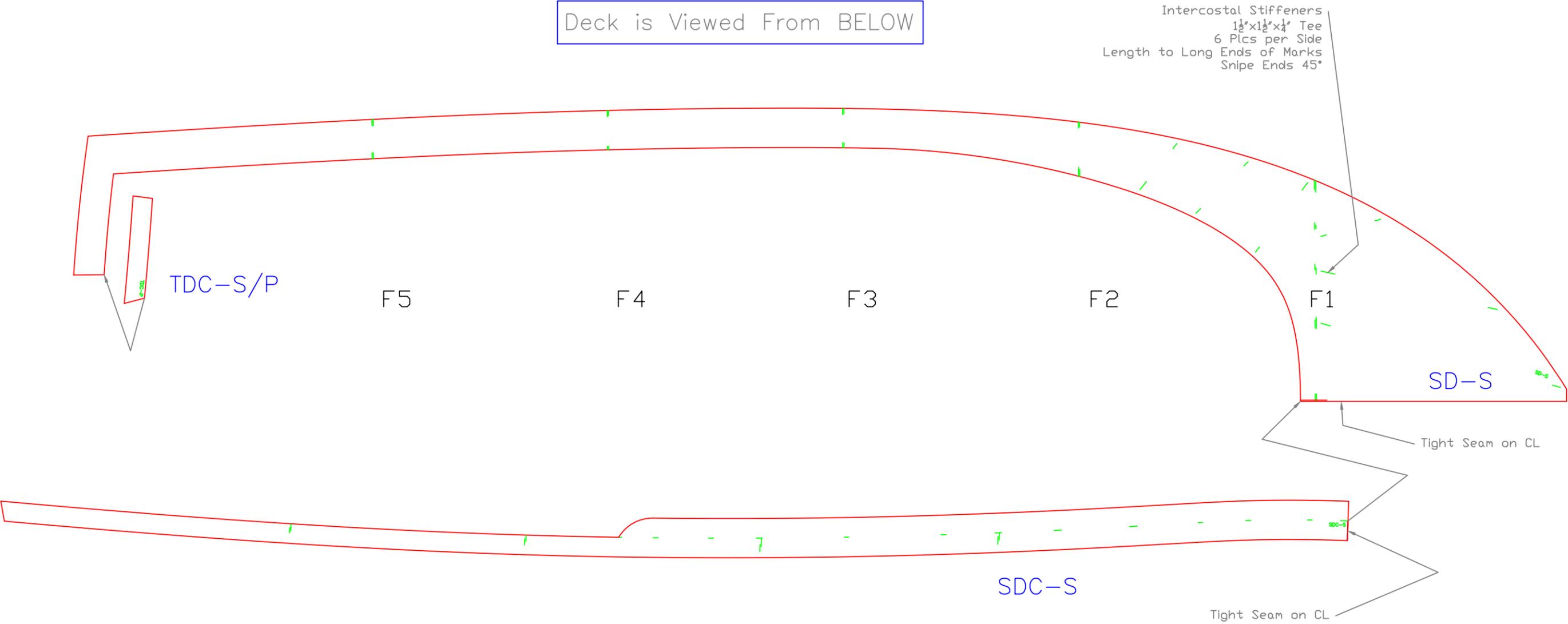


19' x 7'6" Launch		
SIDE LAYOUT		
SCALE 3/4" = 1'	DES/DWN WAL	DATE 1/19/18
Response Marine, Inc. Newburyport, MA, www.responsemarine.com		SHEET DWG NO. 572-2-4

REV.	DESCRIPTION

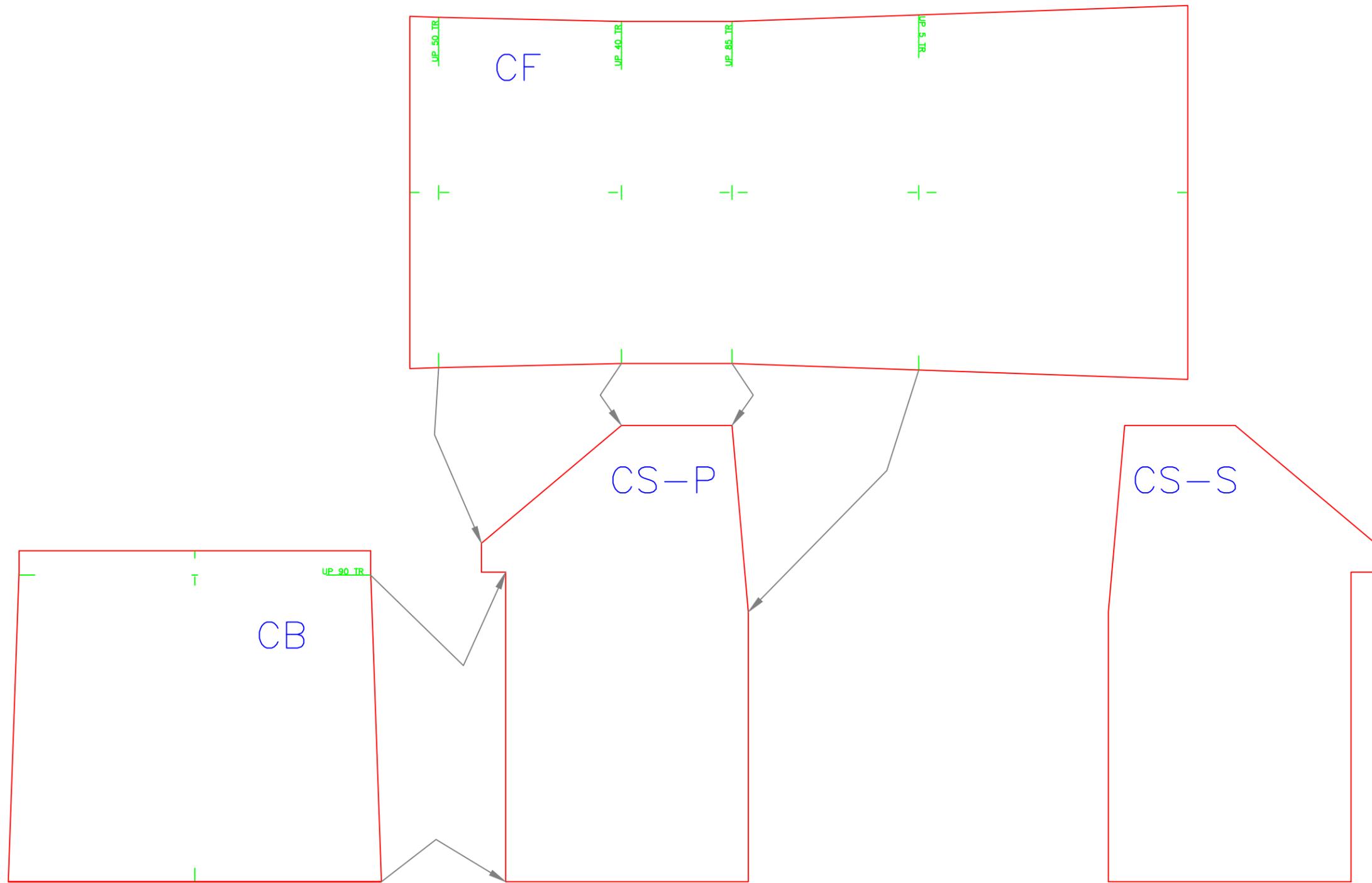
Deck is Viewed From BELOW

Intercostal Stiffeners
 1½" x 1½" x ¼" Tee
 6 Plcs per Side
 Length to Long Ends of Marks
 Snipe Ends 45°



19' x 7'6" Launch		
SIDE DECKS		
SCALE 3/4" = 1'	DES/DWN WAL	DATE 1/18/18
Response Marine, Inc. Newburyport, MA, www.responsemarine.com		SHEET DWG NO. 572-2-7

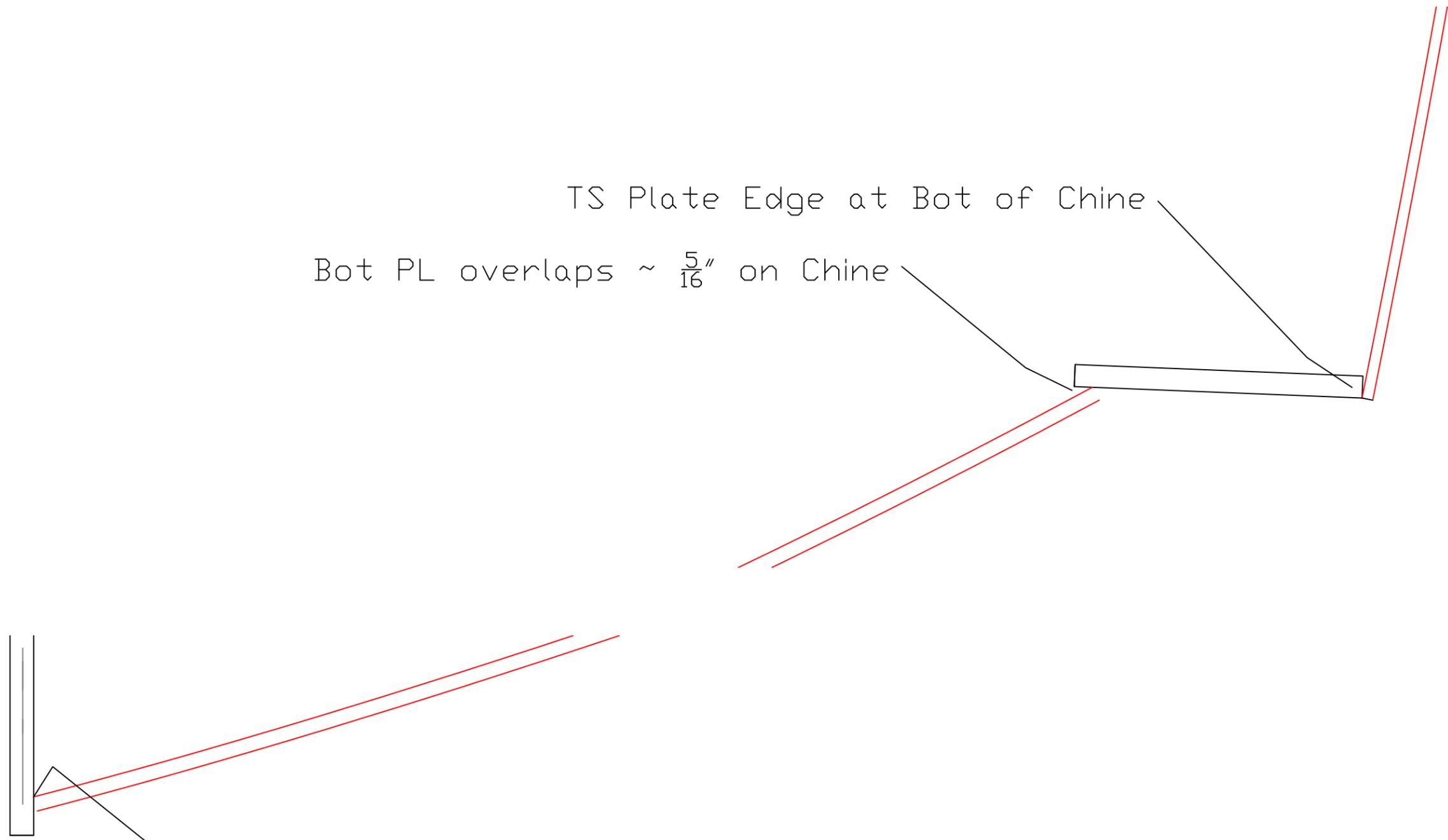
REV.	DESCRIPTION



Note:
 May want to Trim Port Side of Console to Nest against Bulwark.

19' x 7'6" Launch		
CONSOLE		
SCALE 1 1/2" = 1'	DES/DWN	DATE 1/19/18
Response Marine, Inc. Newburyport, MA, www.responsemarine.com		SHEET DWG NO. 572-4-1

REV.	DESCRIPTION



TS Plate Edge at Bot of Chine

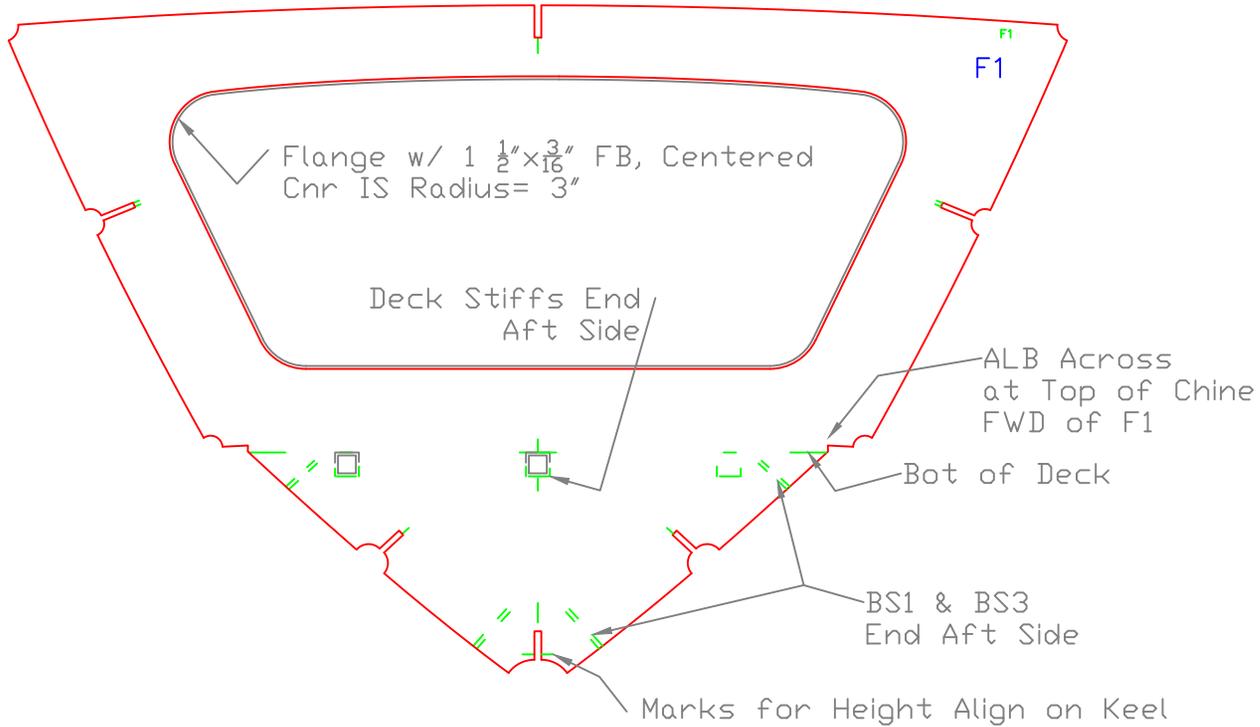
Bot PL overlaps $\sim \frac{5}{16}$ " on Chine

Aligns w/ Rabbet marks on Keel.

19' x 7'6" Launch		
Typical Skin Joints		
SCALE 1 1/2" = 1'	DES/DWN	DATE 1/19/18
Response Marine, Inc. Newburyport, MA, www.responsemarine.com		SHEET DWG NO. 572-C-1

REV.	DESCRIPTION

Install with Marks Aft

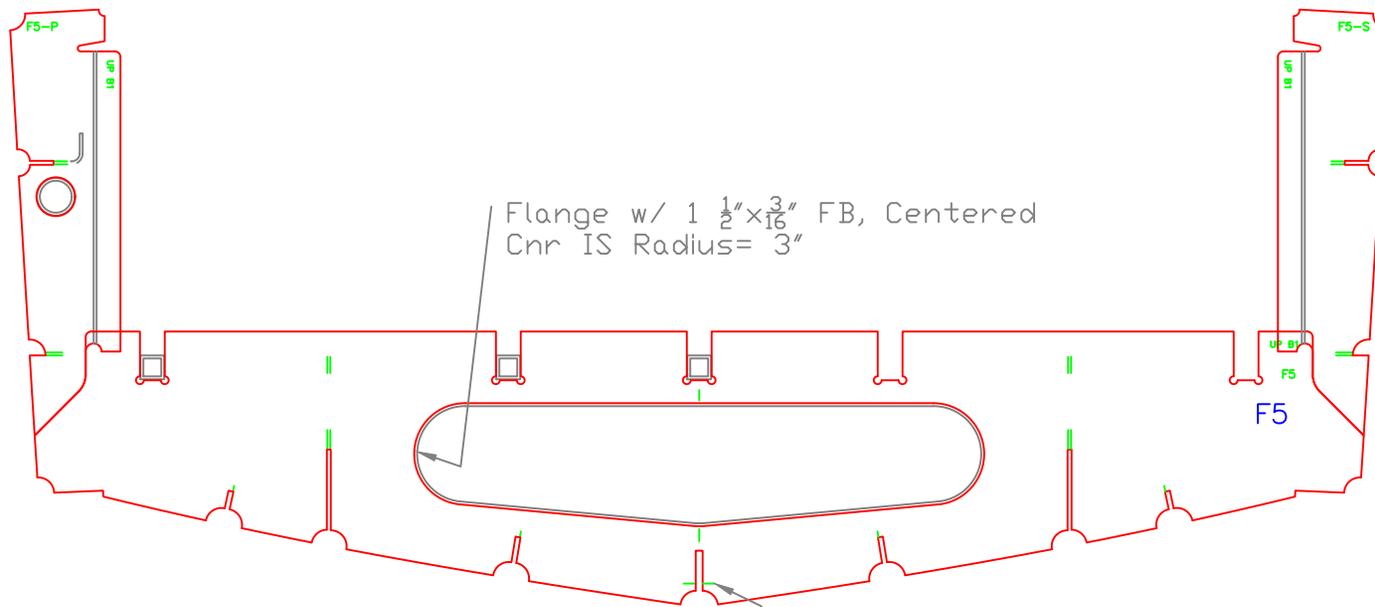


19' x 7'6" Launch		
FRAME 1		
SCALE 1" = 1'	DES/DWN	DATE 1/19/17
REV.		SHEET
DESCRIPTION		DWG NO. 572-F-1
Response Marine, Inc. Newburyport, MA, www.responsemarine.com		

Install with Marks & Flanges Aft
 Flanges shown Before Bending

F5-P

F5-S



Flange w/ 1 1/2" x 3/16" FB, Centered
 Cnr IS Radius= 3"

Marks for Height Align on Keel

19' x 7'6" Launch		
FRAME 5		
SCALE 1" = 1'	DES/DWN	DATE 1/19/17
		SHEET
Response Marine, Inc.		DWG NO. 572-F-5
Newburyport, MA, www.responsemarine.com		

REV.	DESCRIPTION