

C029AA 27FT 10IN LANDING CRAFT DB CREW
DISCOVERY PASSAGE 27 - 10'10 CABIN
STUDY PLAN

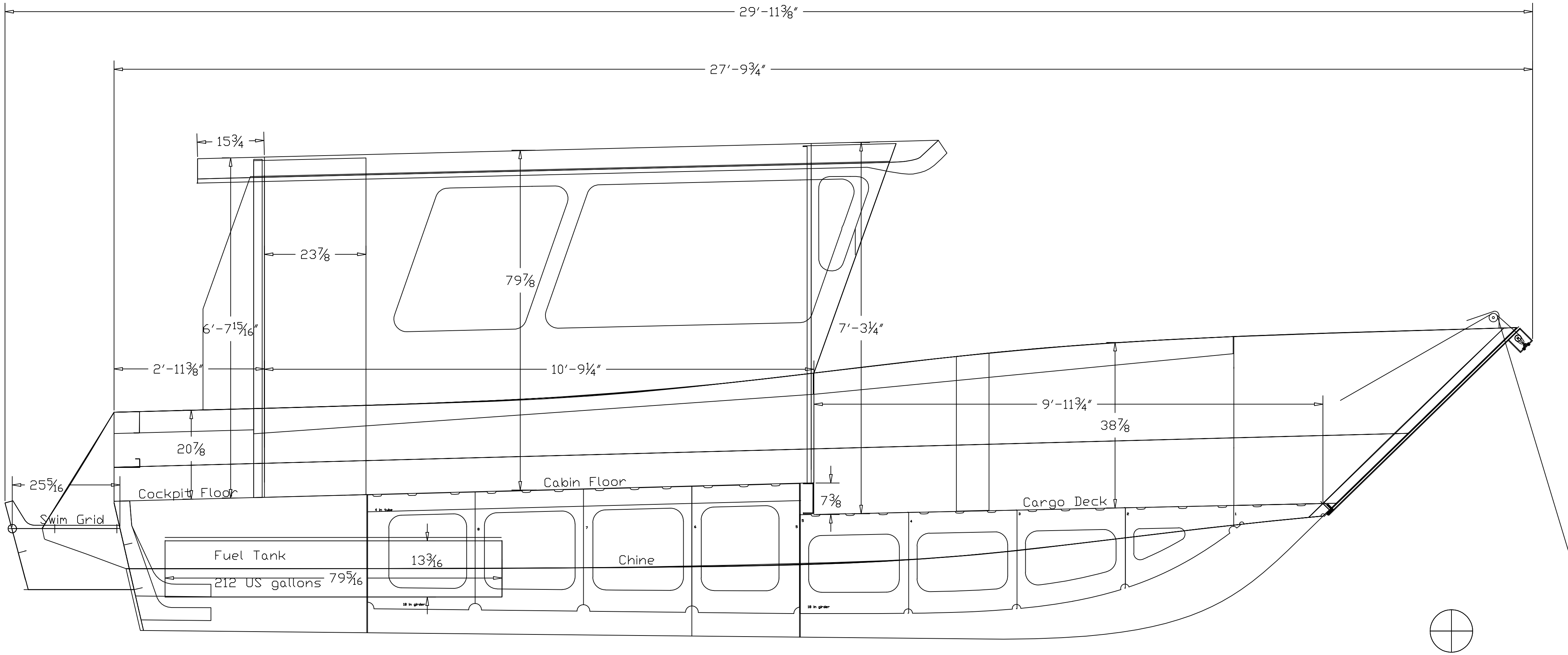


Plate List
#029AA Cope 27ft 10in. Landing Craft
Crew Model
May 3 2021

3/8" plate-5086 H116
1 sheet 5ftx12ft 5086 H116
1/4" sheet-5086 H116
2 sheets 5ft x25ft 5086 H116
1 sheet 5ftx20ft 5086 H116
1 sheet 5ftx12ft 5086 H116
1 sheet 4ftx20ft 5086 H116

1 sheet 5ftx20ft 5052 H32
3/16" sheet-5086 H116
2 sheets 5ftx20ft 5086 H116
1 sheet 4ftx20ft 5086 H116

3/16" sheet-5052 H32
2 sheets 6ftx20ft 5052 H32
6 sheets 5ftx20ft 5052 H32
1 sheet 4ftx12ft 5052 H32
2 sheets 4ftx20ft 5052 H32

3/32" sheet- 5052 H32
1 sheet 4ftx20ft 5052 H32
2 sheets 6ftx20ft 5052 H32
1 sheet 5ftx20ft 5052 H32
1 sheet 6ftx10ft 5052 H32

1/2" sheet- 5052 H32
1 sheet 5ftx20ft 5052 H32
1 sheet 5ftx10ft 5052 H32

There is a total of 28 sheets

Extrusion List
#029AA Cope 27ft 10in. Landing Craft
Crew Model
May 17 2021

All lengths are 20ft

Anglebar
13 lengths 3/8"x2"x2' 6061 T6
4 lengths 3/8"x1-1/2"x1-1/2' 6061 T6

Flat bar
5 lengths 1/4" x 3"
1 length 3/8" x 1-1/2"
1 length 1/2" x 2-1/2"
1 length 3/8" x 3"
1 length 1/2" x 5"

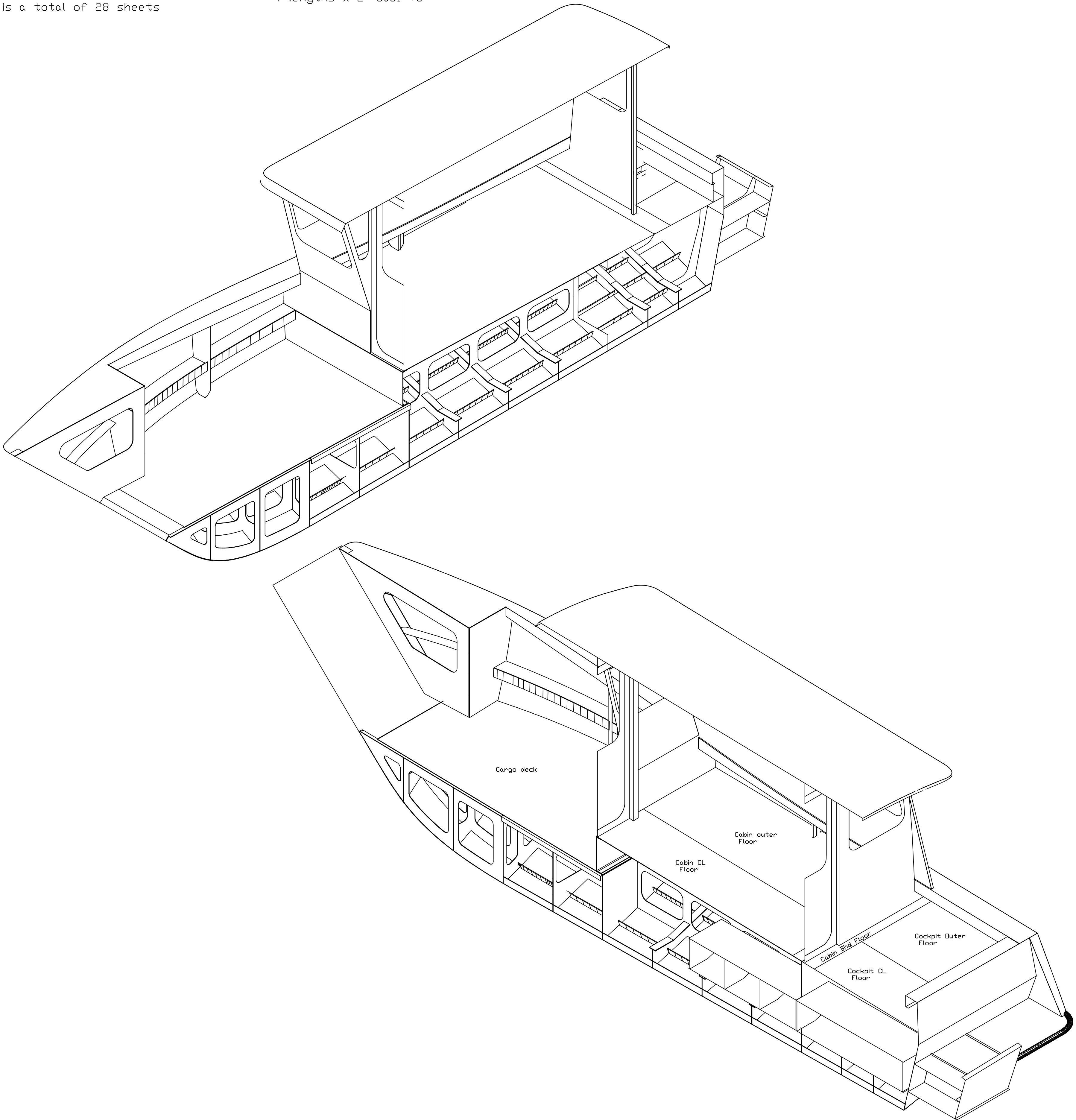
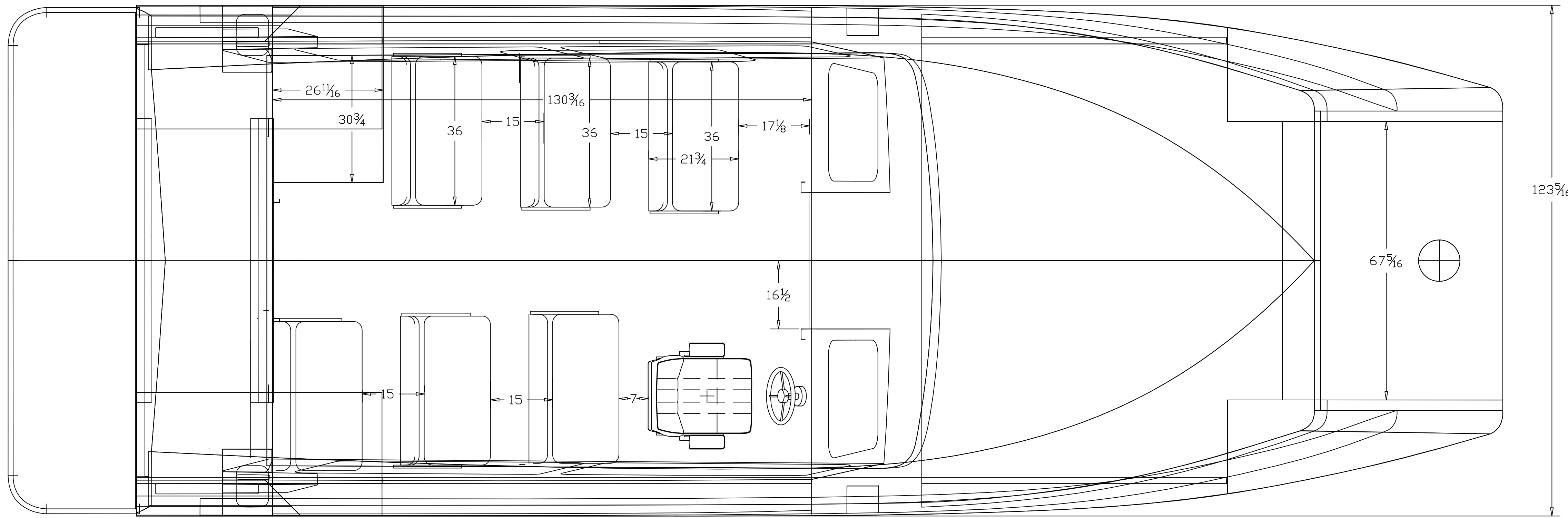
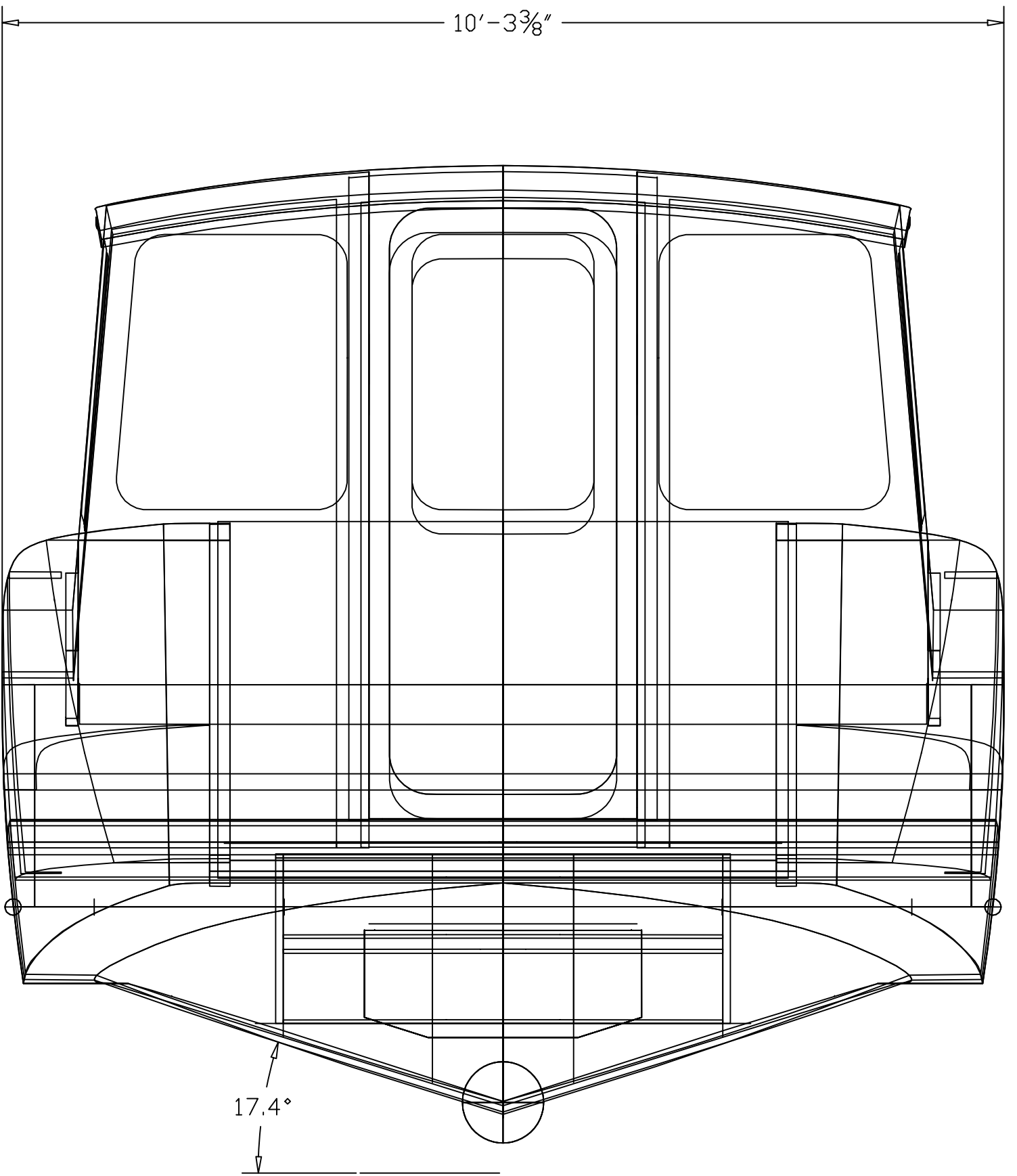
Schedule 40 pipe
2 lengths 3/4" 6063 T5
1 lengths 2" 6063 T5
3 lengths 1-1/4" 6063 T5

Square tube
5 lengths 1" x .125" wall 6061 T6
1 length x 4" x .188" wall 6061 T6
7 lengths x 2" x .188" wall 6061 T6

Rectangular tube
1 length x 4" x 2" rectangular tube

Hull Stiffeners
2 lengths

1/2" Pipe
4 lengths x 2" 6061 T6



C029AA 27ft 10in LANDING
CRAFT DB CREW
Discovery Passage 28 DB
10'10" CABIN MODEL

CONSTRUCTION-ALUMINUM-----MEASUREMENTS-IMPERIAL

Length hull-----27ft 10in
Length DA including swimgrid----30ft
Beam-----10ft 3in
Deadrise at transom-----17.8 degree
Bow door width-----67in
Displacement---Lightship---8,272 lbs
Displacement---Loaded-----13,126 lbs
Cargo capacity-----5,000 lbs
Power-----2 x 250hp outboard

Designed by A.B.COPE LTD.
Designer-Bruce Cope
April 26 2021

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