

# STATE OF ALASKA

Department of Public Safety  
Division of Administrative Services



## P/V Stimson Shipyard Repair

ITB 2025-1200-0074

Amendment # 2

October 7, 2025

**This amendment is being issued to answer questions received, update the language to Attachment One – Technical Specifications, provide updated Attachment Two - Bid Schedule, and extend the closure date for receipt of bids.**

**Important Note to Offerors:** You must sign and return this page of the amendment document with your proposal. Failure to do so may result in the rejection of your proposal. Only the ITB terms and conditions referenced in this amendment are being changed. All other terms and conditions of the ITB remain the same.

Jason Monkelien  
Acting Procurement Specialist 5  
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Email: [jason.monkelien@alaska.gov](mailto:jason.monkelien@alaska.gov)

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COMPANY SUBMITTING PROPOSAL

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AUTHORIZED SIGNATURE

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DATE

## Changes to the ITB:

**Change 1:** Deadline for bids is extended to October 11, 2024, at 1:30 p.m. AKST

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**Change 2:** Add Section 7.0 Crane Removal and Installation added to Attachment One – Technical Specifications for Scope of Work

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**Change 3:** When submitting a bid, vendors shall use Attachment Two – Bid Schedule – Updated V.2

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## Questions submitted by potential offerors and answers from the state:

**Question 1:** Auto Pilot Replacement

The specification directs the contractor to complete the following: “P/V Stimson Vessel Captain requires replacement of this unit and associated electronics with a new equivalent auto pilot system”.

Please provide the following information:

1. Existing voltage for the AP45 electronic supply.
2. Existing voltage for the rudder actuator system.
3. Condition of the cabling with a view to reuse or replace. In particular, from rudder feedback to wheelhouse and from autopilot processor to rudder actuator system.
4. Type of steering system: Conventional engine driven pump or electric hydraulic with solenoid valves? If not, Kobelt, Wagener, Hough?
5. Existing heading source: Gyro or satellite compass and the status of either. I noted in paragraph 4.9 the specs say replacement of autopilot and associated electronics. From the few pictures of the vessel that I see online, it appears to have an older Furuno SC70 or SC60 satellite compass at the top of the mast. That particular compass is about at the end of its useful life.
6. Are they using a magnetic compass as a secondary heading source?
7. Number of remote full follow up steering station, if any.
8. Number of non-follow up steering levers, if any.

**Answer:**

1. AP45 runs on 24VDC
  2. Rudder actuator 24VDC
  3. Wires condition is good however new wires should be installed with new system
  4. Independent hydraulic steering system with 2 steering pumps & 2 DVCs
  5. 2 Sat compass. SC50(old but functioning) & SC70 (new)
  6. Magnetic compass has the ability to provide heading as well but is not use.
  7. 2 steering stations both with jog sticks however only one Autopilot located on starboard side
  8. Port & Starboard jog sticks
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**Question 2:** Section 4.5 INSTALL NEW FORWARD MAST FLOOD LIGHTS –

- Please provide the ships Electrical One-Line drawing for the entire ship.
- Please provide the voltage of the existing high pressure sodium flood lights.

**Answer:** See included attachments: Battery one line, EIL Electrical Panel Lists, and Electrical Distribution.

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**Question 3:** Section 5.1.3 Main deck inner Bulwarks and deck vents – Commercial Blast and Coat-Definite Bid Item  
– In lieu of the SSPC-SP6 Commercial Blast, would power tooling of the required areas be acceptable?

**Answer:** Include containment costs in the requested sand blasting bid. Mechanical cleaning will only be used in small areas that can't be accessed with commercial sandblasting equipment.

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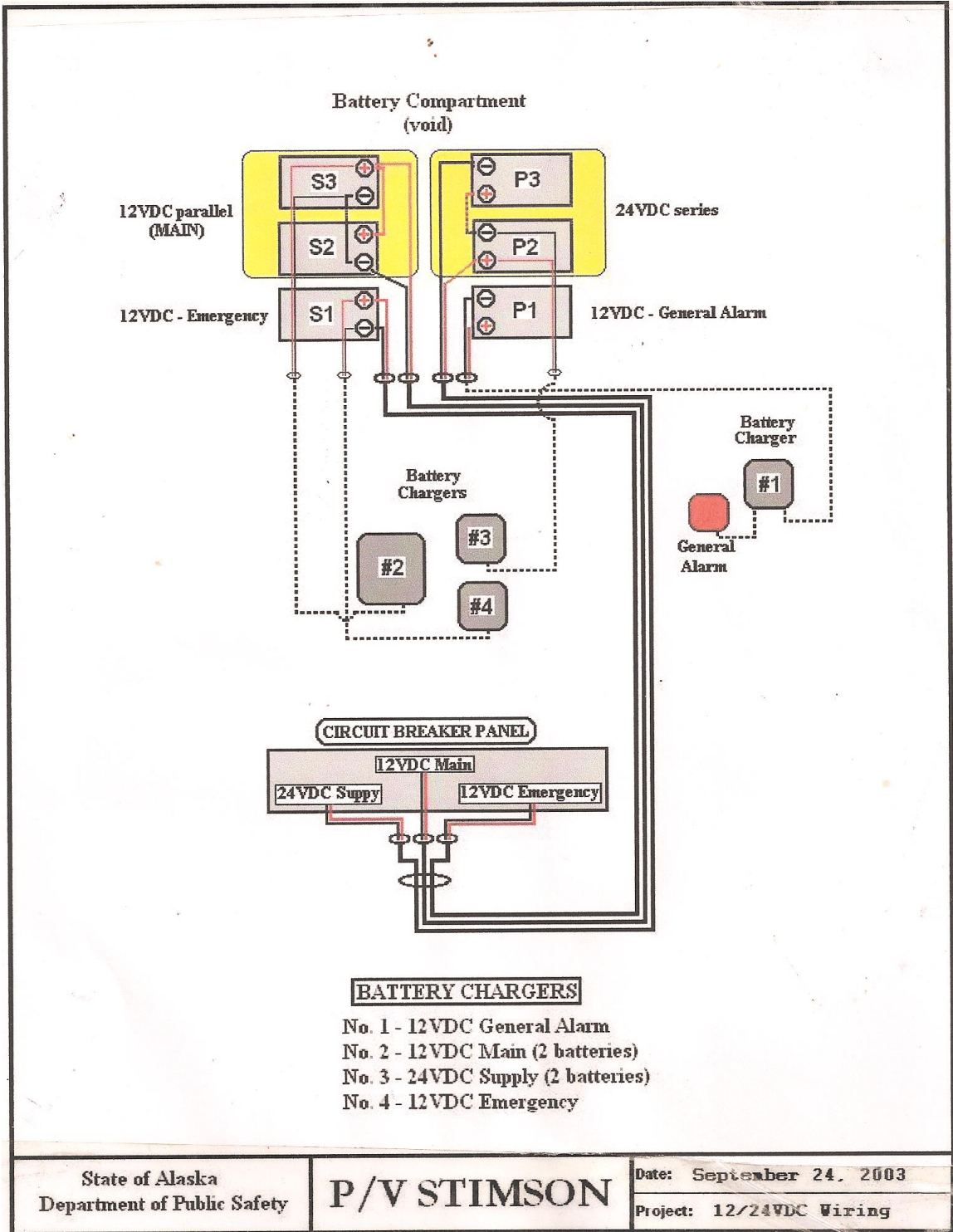
**Question 4:** Section 4.3 INSTALL CROWS NEST FOR AFT MAST – The existing aft mast has been deemed unsafe for crew maintenance of electronics and navigational lighting. Vessel Captain request that the mast area be made more accessible by lowering and /or installing a small working platform.

The Contractor can only provide a Rough Order of Magnitude price for this item for the reasons listed below:

- The Specification states that the final design is to be made on scene with Captain and yard personnel
- Lack of as build drawings of the existing mast.
- Crows Nest is a Personal Safety item should be engineered and approved.
- Relocating navigation lights required approval and an updated drawing.

**Answer:** Contractor is expected to provide safe marine grade engineered design to Captain for approval. Please see S-23 Main Mast details for existing structure.

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**PV Stimson Electrical Isolation List**

**FOCSLE PWR PNL**

12 Fwd Pk ovr recp 20a	11 B/T Exh 25a
<b>10 Gas Pump 15a</b>	9 Focsls lts 15a
8 4 plex recp 20a	7 Crane cnlts 20a
6 Bait Locker 30a	5 Bench recp 20a
4 Slick Welder	3 XMT Welder
2 220v 1ph 50a	1 220v 1ph 50a

**BOW THRUSTER PWR PNL**

1 Safety Lt 15a	2 Spare15a
3 Wood Room 15a	4 B/T room lts 15a
5 Stbd #1 Tank 30a	6 Forpeak 15a
7 Exh lt 15a	8 Heater
9 Hydro cooler 15a	10 208v 3ph
11 Port #1 Tank 30a	12 40a
13 Bait Reefer	14 B/T recp 30a
15 220v 1ph 20a	16 Boom lts
17 Emergency lts 15a	18 208v 1ph 15a

**WET ROOM PWR PNL**

1 Wet Room aft
2 Heater 30a
3 Wet Room fwd
4 Heater 30a
5 Friz heat tape 20a
6
7
8

**E.R. LIGHT PWR PNL**

1 Stbd ER lts 15a	2 Port ER lts 15a
3 Pvro recp 15a	4 Pvro recp 15a
5 Emer lts 15a	6 #1 gen batt charger 15a
7 Aft passage recp 15a	8 Emer shutdown 15a
9 Aft passage lts 15a	10 Fwd passage recp 15a
11 UPS feed 15a	12 Fwd passage lts 15a
13 Air phone lt 15a	14 Gym Htr 15a
15 Cntr gen hotstart 15	16 Boiler outlet 15a
17 Stbd gen hotstart 15a	18 Spsce htr 15a
19 Stbd MDE hotstart	20 Port MDE hotstart
21 208v 1ph 20a	22 208v 1ph 20a
23 Safety lts 15a	24 Port gen hotstart 15a

**E.R. 208V PWR PNL**

1 Port SW pump	2 Diesel DK pump 20a
3 208v 1ph 20a	4 Spare 20a
5 Stbd SW pump	6 Lube Oil sfer
7 208v 1ph 20a	8 Pump 208v
9 #1 water heater	10 3ph 20a
11 208v 1ph 40a	12 stbd P/W pump
13 Flood LT PNL	14 208v 1ph 20a
15 208v 3ph	16 #2 water heater
17 80a	18 208v 1ph 40a
19 #1 P/W pump	20 Spare
21 208v 1ph 20a	22 208v 3ph
23 Main DK LT	24 20a
25 PNL 208v	26 Bridge Lt
27 3ph 100a	28 PNL 208v
29 ER LT PNL	30 3ph 70a
31 208v 3ph	32 B/T Lt
33 90a	34 PNL 208v
35 Air dryer 20a	36 3ph 60a
37 Wet room PNL	38 Focsls Lt
38 208v 1ph	40 PNL 208v
41 Blank	42 3ph 100a
	43 Poop Deck Panel
	45 208v 3ph
	47 125a

**MAIN DECK LIGHT PWR PNL**

1 Galley/Partry lts 15a	2 Galley/Mess recp 30a
3 Mess hall lts 15a	4 Range fan 15a
5 Main DK ext lts 15a	6 Under Sink recpt 20a
7 Refrigerator 15a	8 WetRm dryer
9 Head vent 20a	10 208v 1ph 30a
11 Passage& head lts30	12 Microwave 20a
13 Mess Dk heaters	14 Galley emer lts 30a
15 208v 1ph 30a	16 Freezer door htr 20a
17 Walkin&WetRm,ErEmg lts20a	18 Warming trays
19 Cooler door htr 20a	20 208v 1ph 30a
21 Cooler timer	22 Freezer timer
23 208v 1ph 15a	24 208v 1ph 20a

PORT	MAIN SWITCHBOARD 480V 3PH	STBD
Steering gear #1 25a	Bilge/ Fire Pump 20a	Steering gear #2 25a
E.R. Vent 40a	Fuel XFER #1 15a	Deck wash pump 15a
Centrifuge 15a	Range 60a	Welder 70a
Air Comp #1 20a	Walkin Refer 15a	Air Comp #2 20a
HYD. Unit #1 90a	HYD. Unit #3 90a	HYD. Unit #2 90a
B/T Vent fan 15a	Bearthing vent 25a	Sewage 15a
Crab Pump #1 90a	Spare 25a	60a
Spare 125a	Spare 125a	Spare 125a
Bait Locker 20a	Fire Monitor	Crab Pump #2 90a
		Fire Monitor 125a

**Berthing DECK PWR PNL**

1 Qtrs lts 15a	2 Head/ Trp. RM Lts 15a
3 Qtrs recp 15a	4 Head&Trp. rm recp 15a
5 Passage lts 15a	6 Aft hall heater #2
7 Washer 15a	8 208v 1ph 20a
9 Spare 15a	10 Dvrer
11 Head heat 20a	12 208v 1ph 40a
13 Spare 15a	14 FWD hall heater #1
15 B01 room heater	16 208v 1ph 20a
17 208v 1ph 20a	18 Trooper Rm Heater
19 Engineers's Heater	20 208v 1ph 20a
21 208v 1ph 20a	22 Mate's heater
23 Ext 100w lts 15a	24 208v 1ph 20a
25 Spare 15a	26 Emergency lts 15a
27 Spare 15a	28 Battery rm lts 15
29 Spare 15a	30 Head Hot water htr 15a

**BRIDGE DECK LIGHT PWR PNL**

1 Pilot house lts 15a	2 Qtrs lts 20a
3 NAV panel 15a	4 Qtrs recp 15a
5 Head vent fan/ htr 15a	6 Bridge htr #1
7 Capt & office htr	8 208v 1ph 20a
9 208v 1ph 30a	10 Bridge htr #2
11 Stbd Radar Ant.	12 208v 1ph 20a
13 208v 3ph	14 Bridge htr #3
15 20a	16 208v 1ph 20a
17 Bridge dk ext lts 20a	18 Batt charger #1 20a
19 Steering cntl 20a	20 Batt charger #2 20a
21 Defrost recp #3 20a	22 Batt charger #4 15a
23 Defrost recp #4 20a	24 Batt room lts 15a
25 Port side outlet 30a	26 Stbd radar disp 15a
27 Port radar disp 15a	28 Skippers Seaclear
29 Batt charger #3 15a	30 208v 1ph 20a

**FLOOD LIGHT PWR PNL**

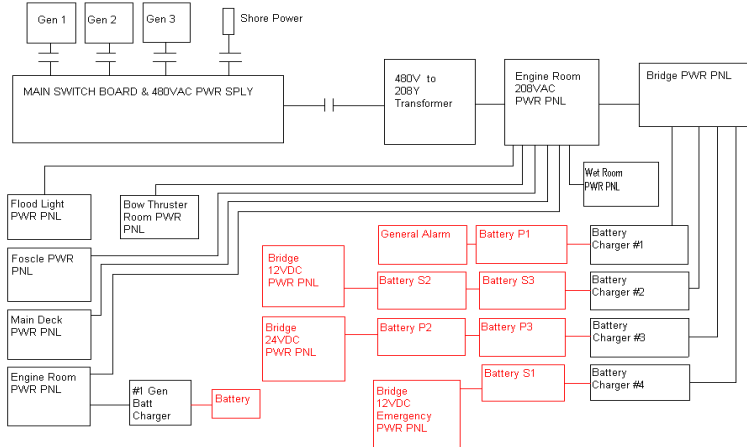
1 AFT mast Port/Stbd sodium	2 Aft Mast aft sodium
208v 1ph 20a	208v 1ph 20a
3 Fwd HP sodium Port	4 Fwd HP sodium Center/Sb Inboard
208v 1ph 20a	208v 1ph 20a
5 Fwd HP sodium Port Inboard	6 Fwd HP sodium Sb Outboard
208v 1ph 20a	208v 1ph 20a
7 Fwd Quartz	8 Aft Quartz
208v 1ph 15a	208v 1ph 20a
9 SSB 110v 15a	10 Port Spotlight

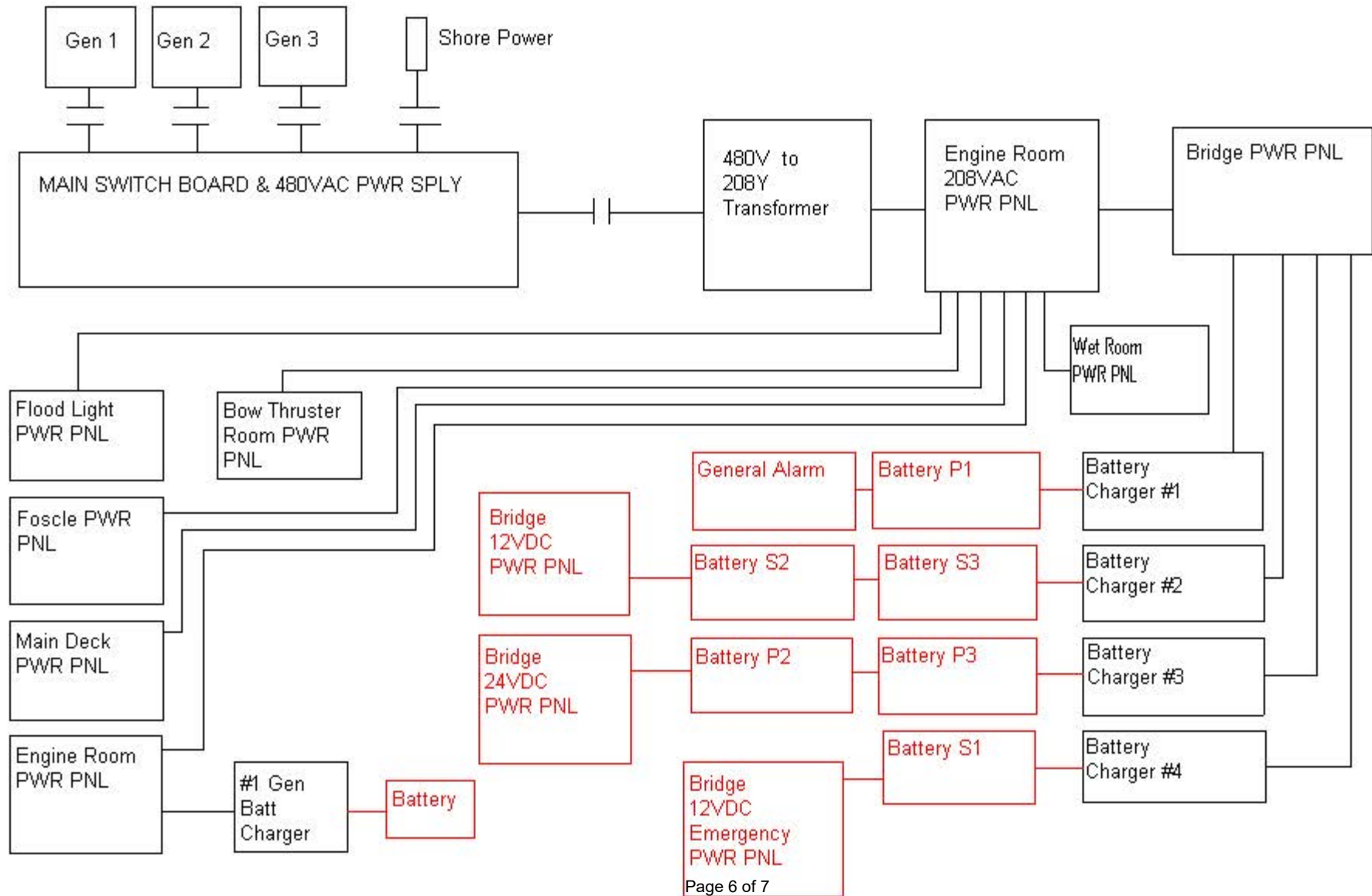
**24VDC PWR PNL**

1 Port Spotlight	2 Auto Pilot
3 FA-1005 AIS	4 Aft GPS
5 Sndr A	6 Spare
7 SC 50	8 Compass LT
	9 Spare
	10 Stbd Spotlight
	11 Spare
	12 STBD GPS

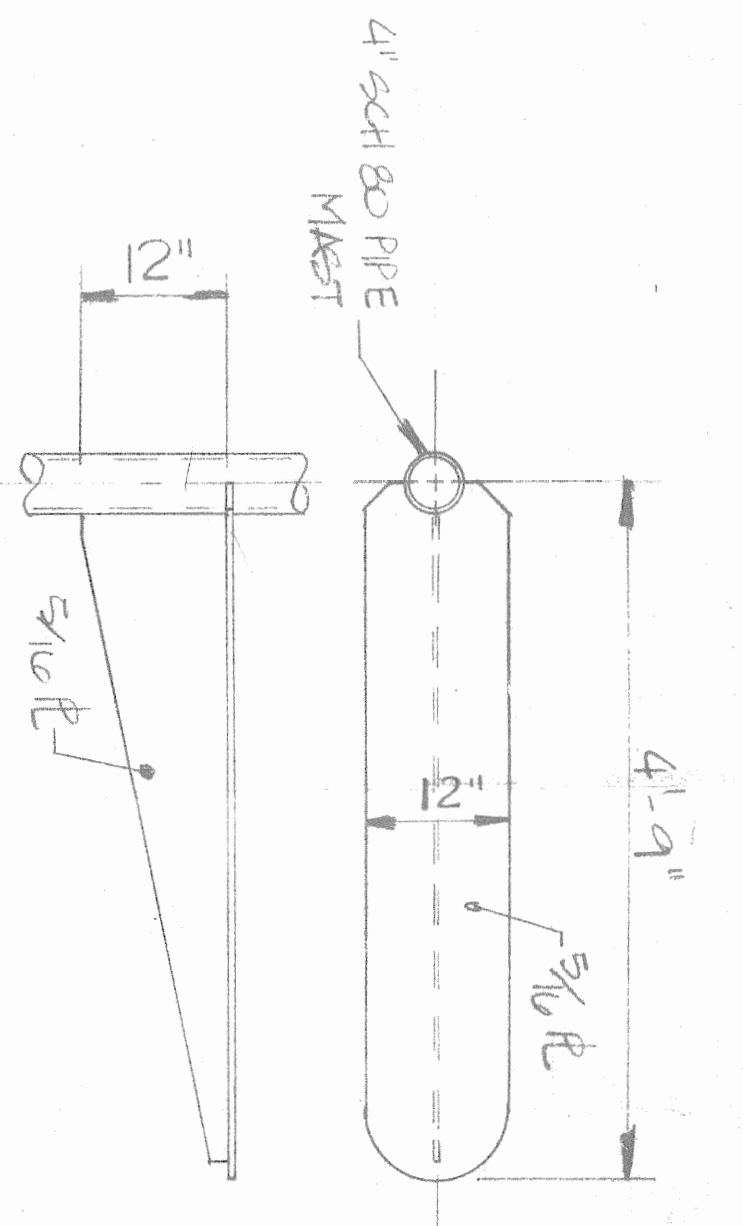
EMERGENCY 12VDC PWR PNL	MAIN 12VDC PWR PNL
1 SC 70	1 Sonar
2 Spare	2 Spare
3 AFT VHF	3 Aircraft/Police radio
4 JRC SSB	5 Loudhailer
5 Bridge watch	6 Horn
DC Main	7 Sailer VHF
6 Furuno SSB	8 Intercom
7 Head Phones	9 Spare
8 E.R. Intercom	10 Spare
	11 SNDR B
	12 FL Pnl Lts
	13 Air Phone
	14 STBD Radar
	15 Port GPS
	16 Spare

Main/ Emer Switch

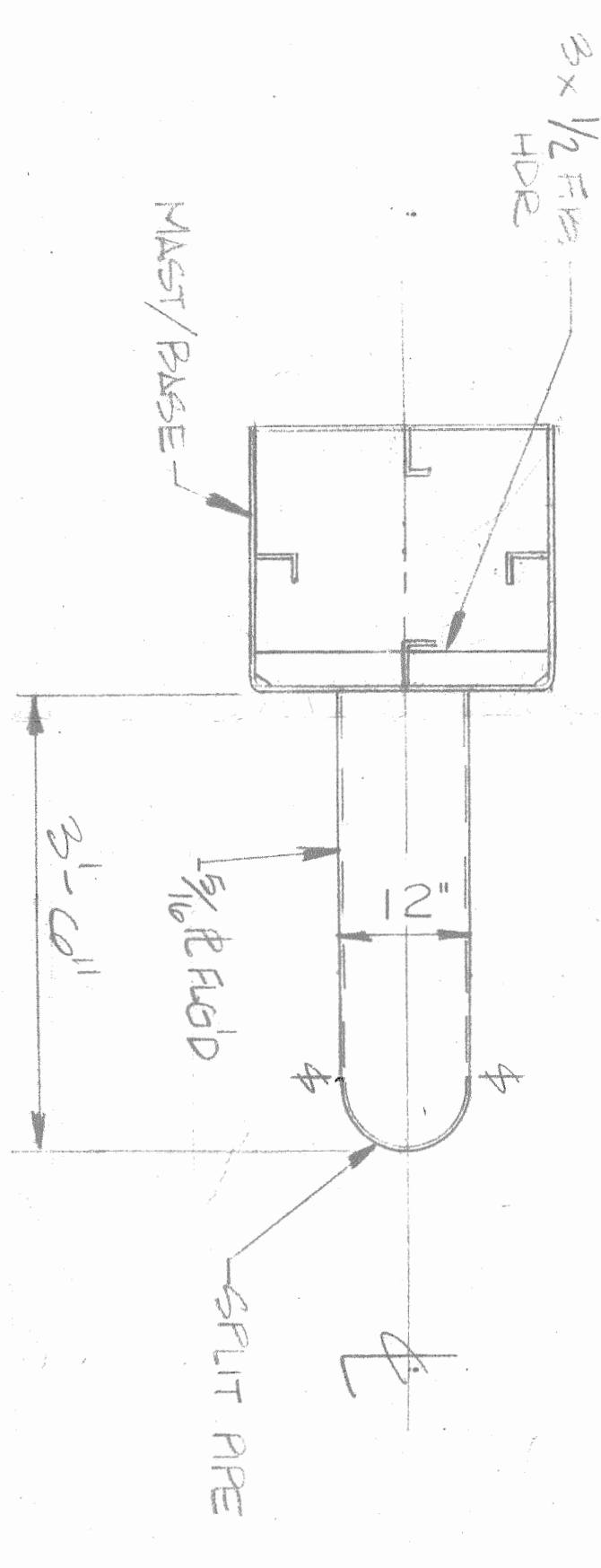




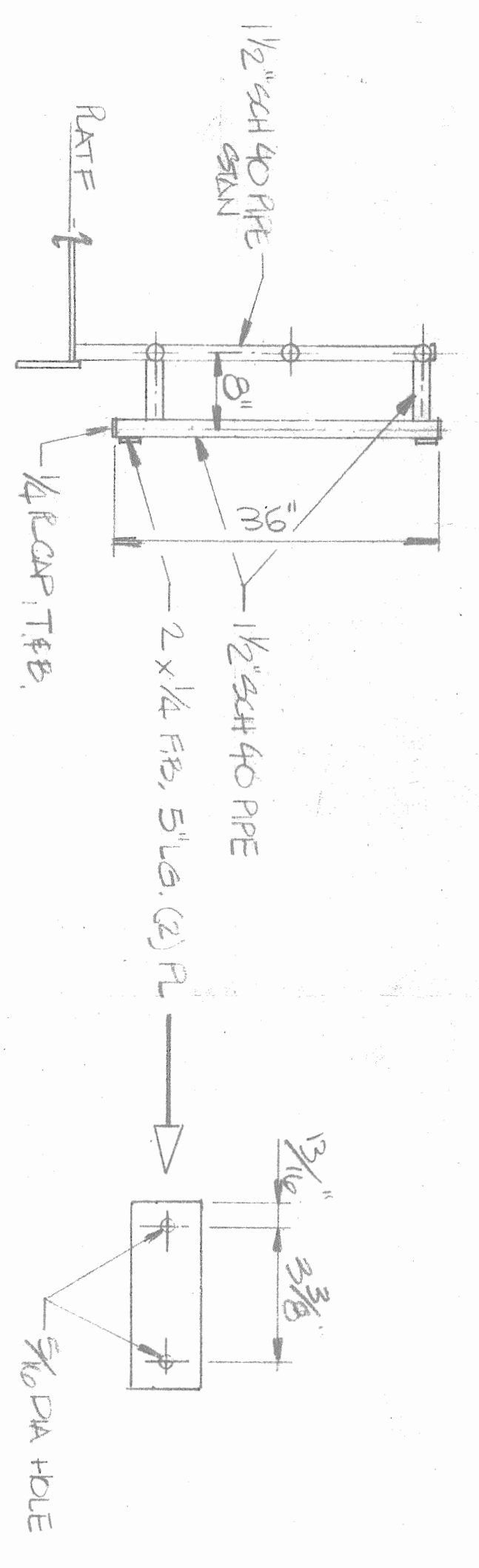




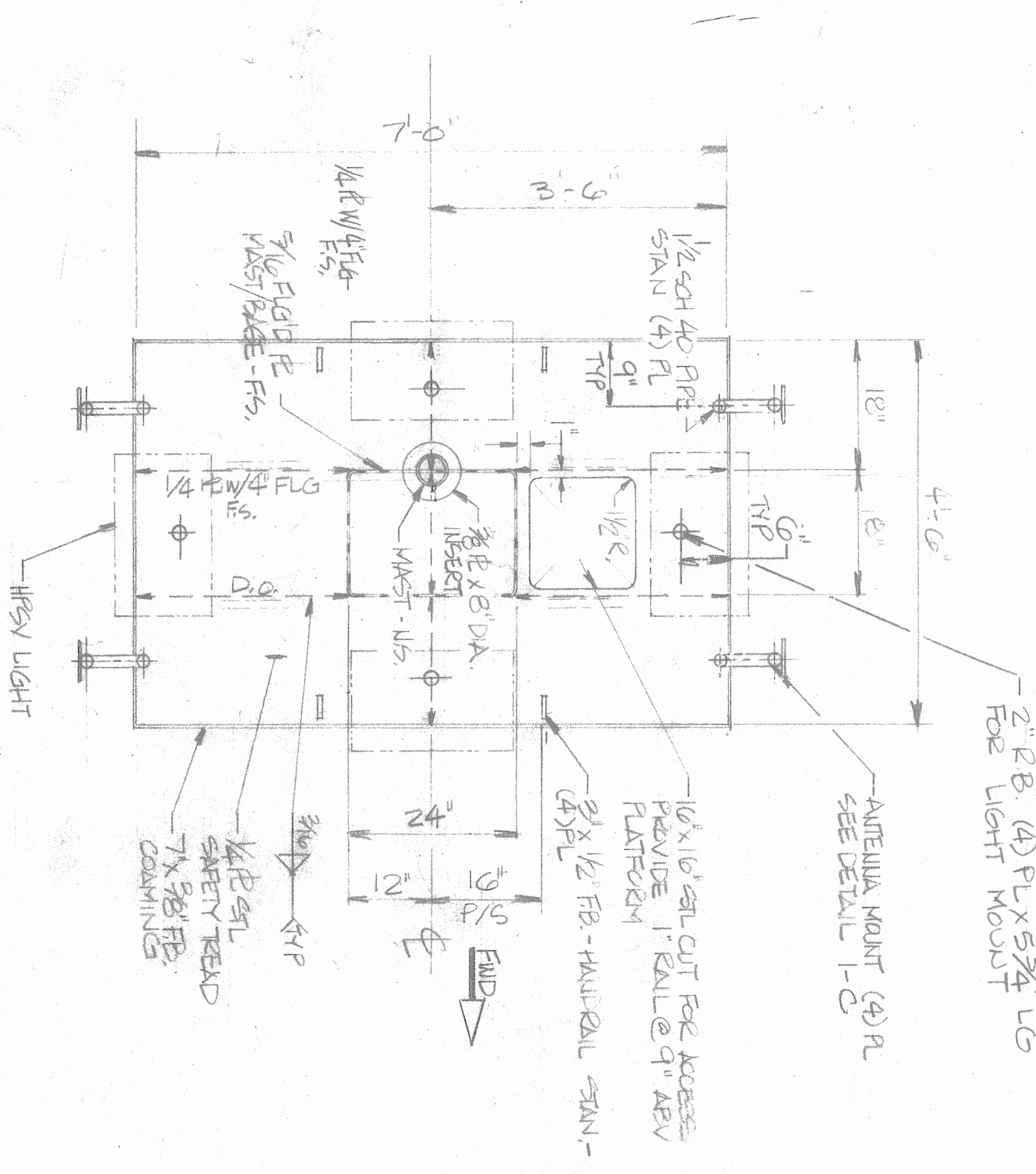
DETAIL 1-B  
RADAR FDN  
3/4" = 1'-0"



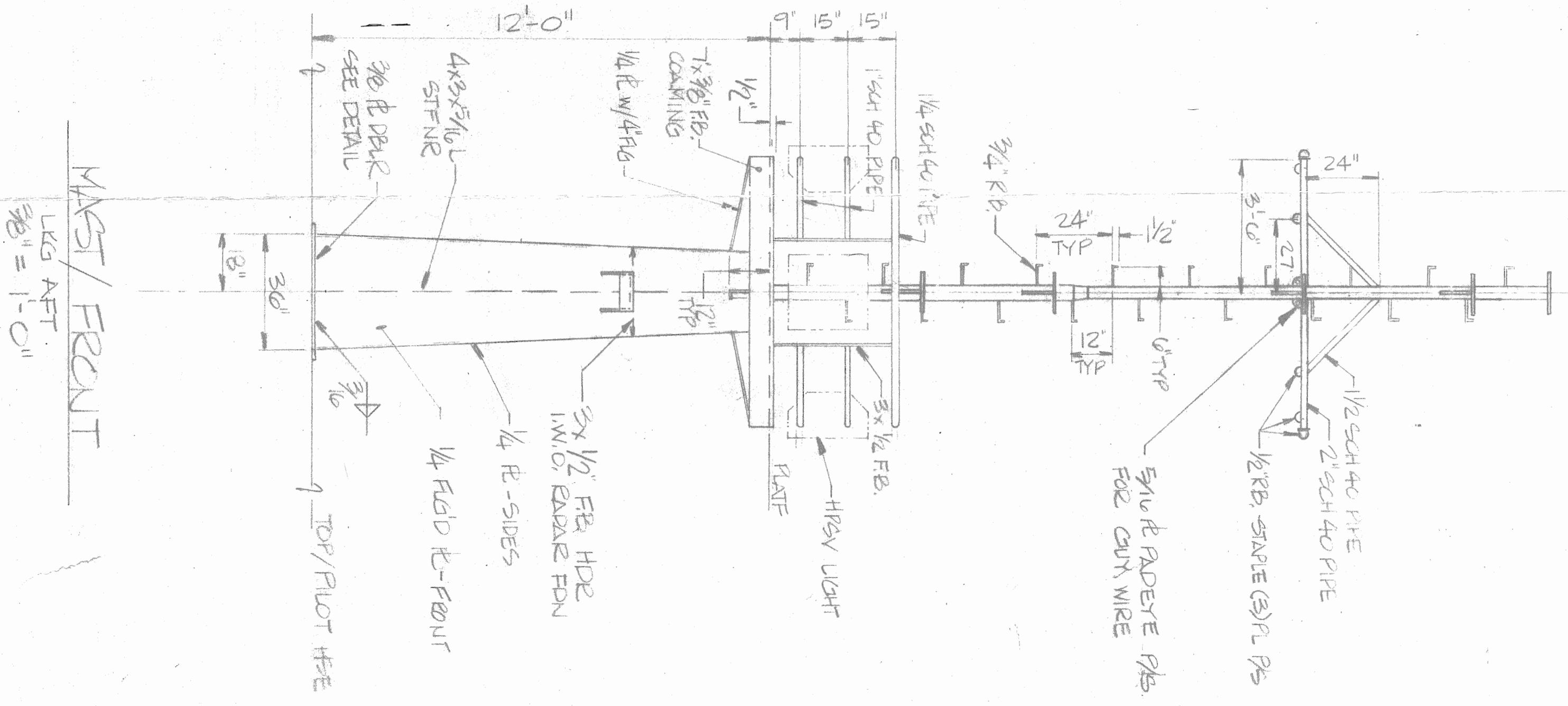
DETAIL 1-A  
RADAR FDN  
3/4" = 1'-0"



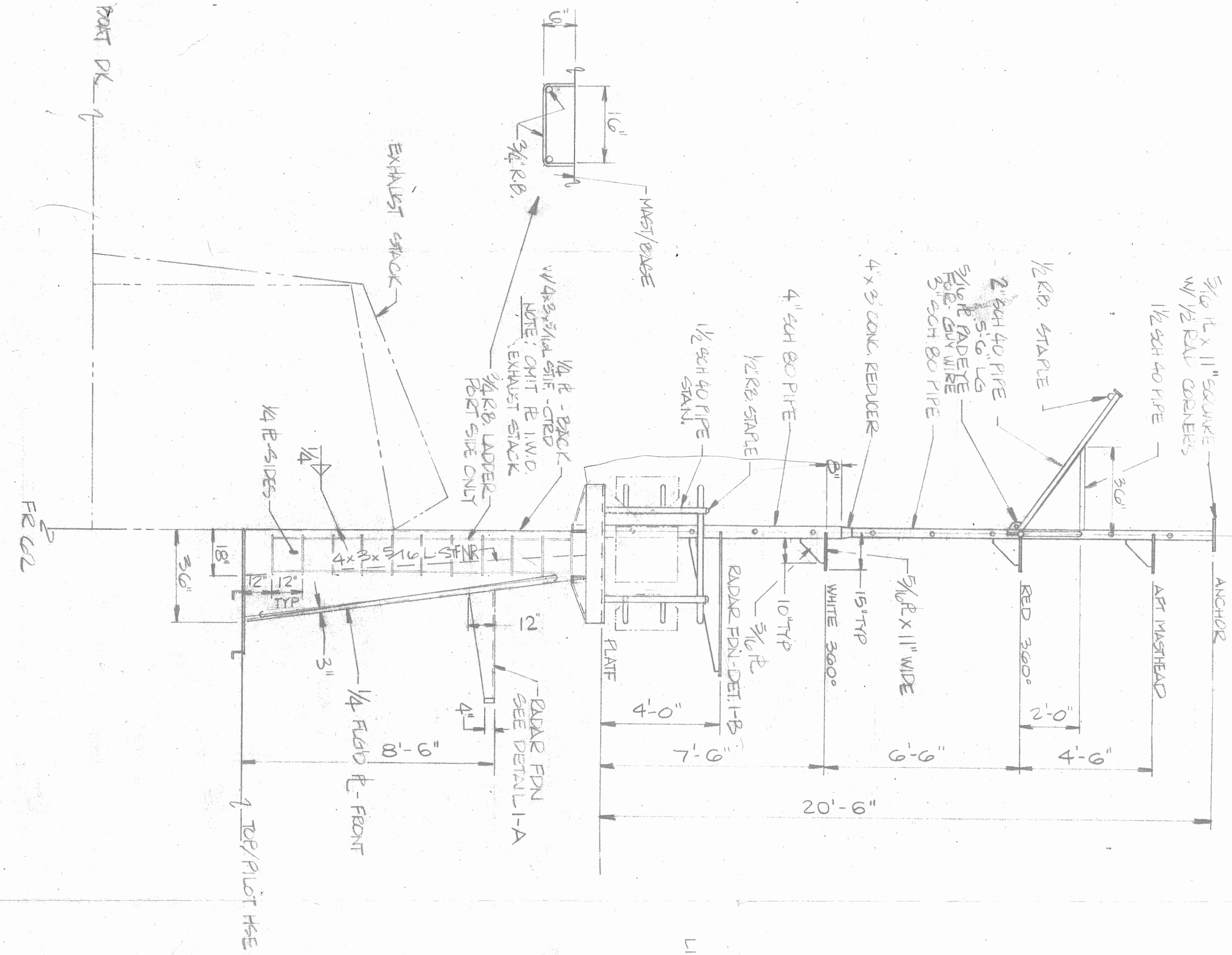
DETAIL 1-C  
ANTENNA MOUNT  
3/4" = 1'-0"



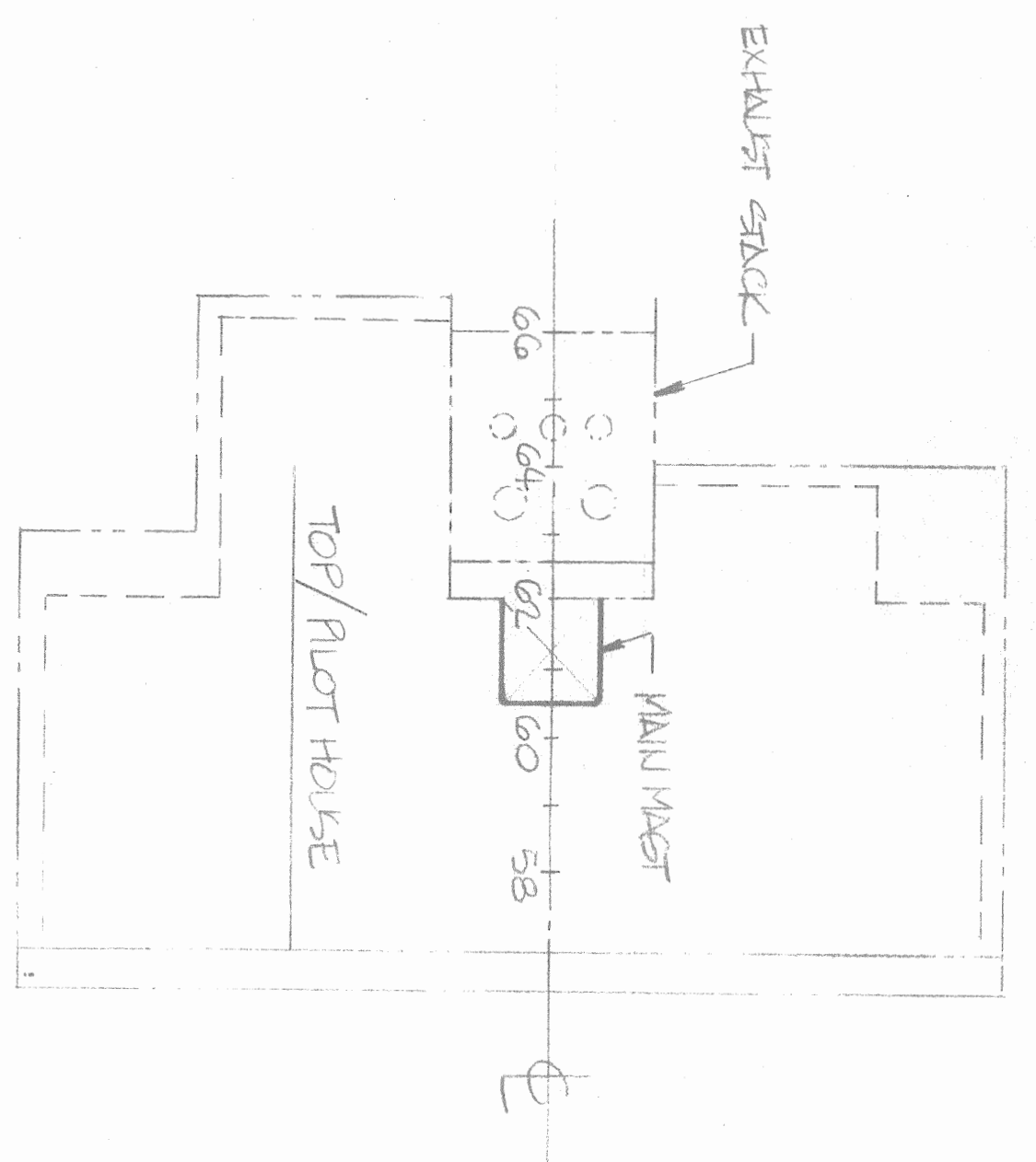
PLAN - PLATFORM  
3/4" = 1'-0"



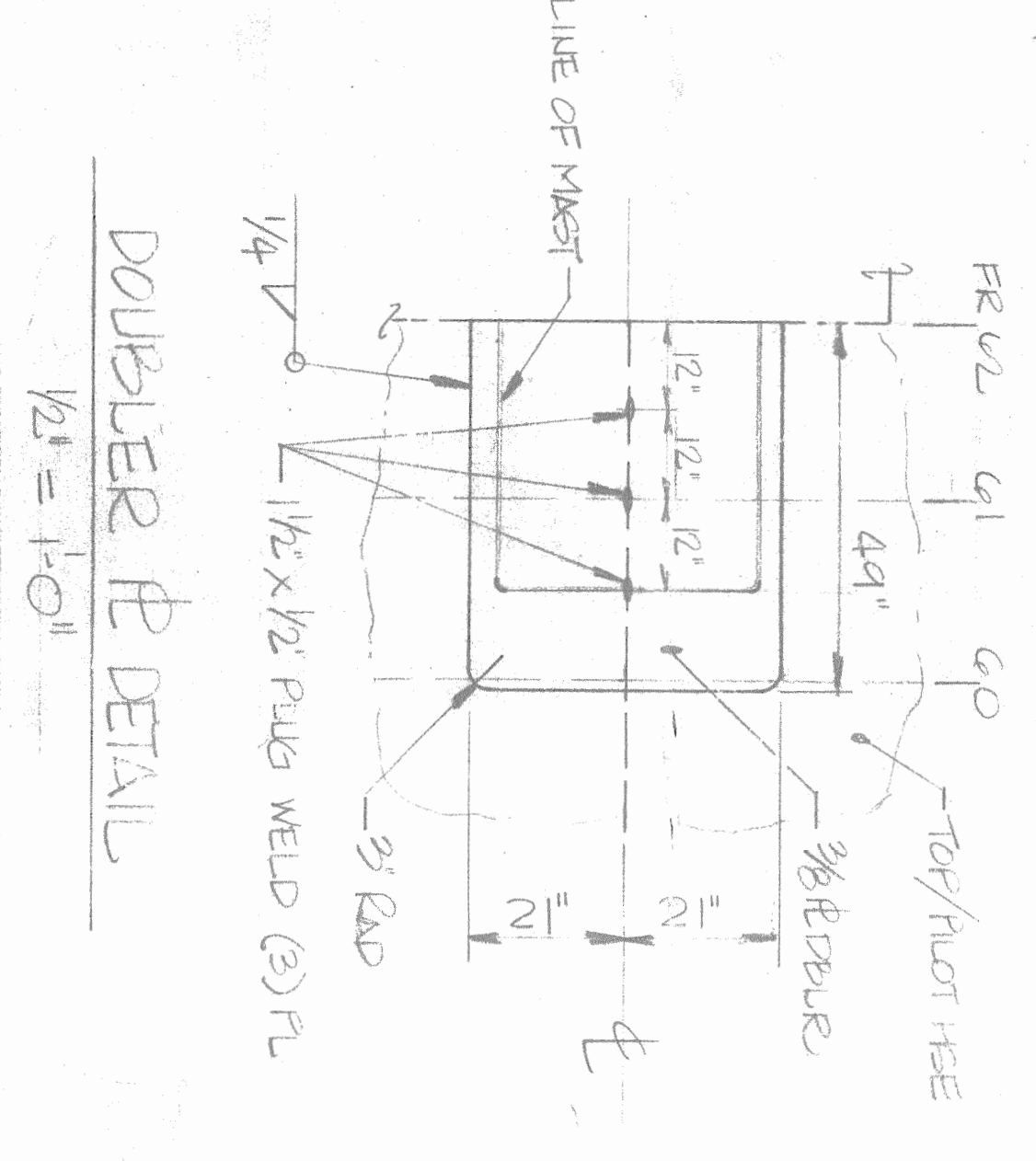
MAST/FRCUT  
3/8" = 1'-0"



MAST/SIDE  
3/8" = 1'-0"



KEY PLAN  
3/8" = 1'-0"



DOUBLER R DETAIL  
1/2" = 1'-0"

**15'6" x 38' x 16' CAB BOAT**  
**MAIN MAST DETAILS**

**Homeport Marine Services, Inc.**

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SCALE NOTED DATE 7-17-91  
DRAWN: E WILSON  
FILE NO. 1119 DRG. NO. S-23

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