



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
16 STATE HOUSE STATION  
AUGUSTA, MAINE 04333-0016

Janet T. Mills  
GOVERNOR

Bruce A. Van Note  
COMMISSIONER

November 13, 2024  
Subject: Construction of a Hybrid Ferry  
State WIN: 024605.10  
Location: Lincolnville  
**Amendment No. 3**

Dear Sir/Ms.:

Make the following changes to the bid documents

The following pages are to be **REMOVED** from the existing book and then **REPLACED** with the corresponding attached revised pages:

<b>REMOVE page</b>	<b>and REPLACE with page</b>	<b>Dated</b>
44	44	11/8/24
64	64	11/8/24
73	73	11/8/24
79	79	11/8/24
97	97	11/8/24
98	98	11/8/24
99	99	11/8/24
107	107	11/8/24
125	125	11/8/24

The following sheets are to be **REMOVED** from the existing plan set and then **REPLACED** with the corresponding attached revised sheets:

<b>REMOVE</b> sheet	and <b>REPLACE</b> with sheet	Dated
A1-1-GA	A1-1-GA	8/28/24
A1-2-GA	A1-2-GA	8/28/24
A1-3-GA	A1-3-GA	8/28/24
A11-2	A11-2	8/28/24
A12-1	A12-1	8/28/24
A3	A3	8/28/24
A4-1	A4-1	8/28/24
A4-2	A4-2	8/28/24
A7-1	A7-1	8/28/24
A7-2	A7-2	8/28/24
M5	M5	8/28/24
M9-2	M9-2	8/28/24
M9-3	M9-3	8/28/24
P1-1	P1-1	8/28/24
P1-2	P1-2	8/28/24
P3-1	P3-1	8/28/24
P3-2	P3-2	8/28/24
P5-1	P5-1	8/28/24

P5-2	P5-2	8/28/24
P6-2	P6-2	8/28/24
P7-2	P7-2	8/28/24
P8	P8	8/28/24
S5-1	S5-1	8/28/24
S5-2	S5-2	8/28/24
S5-3	S5-3	8/28/24
S7-2	S7-2	8/28/24
T1	T3	8/28/24

Consider these changes and information prior to submitting your bid on **December 18, 2024**.

Sincerely,



George M. A. Macdougall P.E.  
Contracts & Specifications Engineer

- Two (2) masts shall support radar antennas on the Pilothouse top.
- Two (2) 1-1/2" SCH 40, 4'-6" high bow pennant staffs shall be located on the Main Deck bulwark cap at FR 3.5 & FR 98.5. Each is to be fitted with hardware and halyards to accommodate a "Steering Pennant". Locate pennant staff on the starboard side forward and port side aft. Mount flag halyard cleats near staff easily accessible by crew.
- A mast located on the 02-deck, starboard FR72 shall be fitted with hardware and halyards to accommodate the ensign.
- Two (2) stern/anchor light masts shall be located on the Main Deck bulwark cap at FR 3.5 & FR 98.5 in accordance with Contract DWG D372-A8. Locate mast on the port side forward and starboard side aft.
- Two (2) navigation light masts shall be located on the 02 deck in accordance with Contract DWG D372-A8. Locate mast on the Starboard side above the forward cabin bulkhead (near FR 31) and above the aft cabin bulkhead (near FR 71) both centered at 8'-4" off centerline. The aft navigation light mast will have a chain to prevent passenger access with a crew only sign as indicated on the drawing D372-A1 General Arrangements.
- A mast located on the pilothouse top, port side, shall support satellite compass.

#### **191.1 FIXED BALLAST**

The CONTR shall provide and install fixed heeling ballast in the hold, on starboard side, between FR36-FR40 and also FR62-FR66, on a raised steel flat (Ref: D372-S3). Ballast shall consist of 20 long tons of lead ingot fixed in place by concrete. Ballast shall be secured to steel flat using steel reinforcing bars welded in place before concrete is poured. Final ballast quantity will be determined by DESIGN AGENT prior to installation.



### 331.1.11 JUNCTION BOXES

All junction boxes shall be accessible as per 46 CFR 56.4.2.

### 331.1.12 LIGHTING SPARES

The CONTR shall provide spares for lighting fixtures as follows:

- (6) LED down-light fixture “cans”
- (6) LED down-light trim pieces
- (12) LED down-light lamps (one case)
- (6) LED panels
- (2) LED 24” linear unit light
- (2) Explosion Proof LED battery room light
- (4) Pathway lights

## **332.0 ELECTRICAL SYSTEM TESTS**

- Insulation resistance (megger) test all power distribution cables, insulated motor and generator windings in accordance with the applicable requirements of the CFR.
- Visually inspect motor alignment with driven load (in instances where the load is not close-coupled).
- Manually operate all circuit breakers, disconnect switches, mode selectors, and pushbuttons to demonstrate correct operation.
- Bump test to verify that motors operate in the correct direction of rotation.
- Demonstrate correct system operation in all modes.
- Electrical fault detection testing throughout the vessel to identify sources of galvanic leakage.
- Pre-commissioning, commissioning, dock, harbor and sea trials tests as directed by ABB

Documentation of these activities shall be submitted to MaineDOT.

- (1 each) INDUSTRIAL SCIENTIFIC Multi-Gas Detector: Ventis MX4, Rechargeable Lithium, MFR. Model VKVSP4-K11211 or approved equal
- (6 each) 3765PL Right Angle Light: Pelican light or approved equal
- (4 each) 2010PL SabreLite Pelican flashlight
- (1 each) Coast Marine & Industrial Supply COMAR Ladder (USCG 160.117/1/0) -8ft length with shackles
- (2 each) Darley P-100 (NAVY P100) 2BE10YDN Part Number: 2BE10YDN P100 P-100  
 NSN: 4320-01-387-2869, w/ Pump Type: 2BE10YD (Note: Rope Start), w/ Standard volute orientation, w/ exhaust primer, w/ Loss of Prime Protection System, w/ (2) 10' suction hoses, w/ Discharge Thread Adapters (1) Size 1-1/2" NH x 1-1/2" NPT (1) Size 2-1/2" NH x 2-1/2" NPT, w/ Suction Thread Adapters, with Screen (1) Size 2-1/2" NH x 3" NPT (1) Size 3" NH x 3" NPT, w/ Master Drain, w/ Mounted Panel and Roll Cage

#### **436.1.1 PFD STORAGE**

PFD storage for a full complement of passengers, plus 15%, plus crew PFD's (294 total) shall be provided. Interior Passenger PFD storage shall be in lockers in the port and starboard cabins. Exterior Passenger PFD storage shall be in Libra OL Series GRP, or approved equal, white lockers with hinged doors located in accordance with DWG D372-A1.

Crew PFDs shall be located in Pilothouse, Crew Break Room, and EOS appropriate to crew complement.

CONTR shall include PFD donning instruction placard on PFD storage lockers.

#### **437.1 ENGINE ORDER TELEGRAPH**

The CONTR shall provide and install an engine order telegraph (EOT) system with interface panels located in the Pilothouse console at each end of the vessel and the EOS console as indicated in the ABB scope documents. The telegraph for each drivetrain shall be fully compatible with the requirements of 46 CFR 113.35. Each panel shall incorporate two (2) separate telegraphs; one (1) for each propulsion drive train. The telegraph for each drivetrain shall allow the captain to transmit orders for both ahead and astern propulsion commands. The EOS panel shall also provide indication of the vessel direction such that the operator can identify the direction of thrust based on joystick movements. The EOT panels shall be flush mounted and shall feature pushbutton style interface and local audible and visual signals.

#### **439.1 CCTV**

The CONTR shall provide and install a CCTV system consisting of control equipment and display monitor in pilothouse with additional display monitor in EOS. Monitors shall be HD 22 Inch Thin LED Monitor with HDMI VGA Built in Speaker Compatible with CCTV Security

sealed mylar covering, fastened and with seams and edges taped in accordance with the manufacturer's recommendations. Insulated spaces exposed to weather and insulated stairtower bulkheads shall also be sheathed in a 16 gauge stainless steel sheet metal to protect fire insulation from damage and weather. Additional mounting structure in overhead or on effected bulkheads may be required to support sheet metal over insulation. Insulated spaces in hold where joiner is not present shall be sheathed in perforated aluminum facing in addition to the mylar. Metal sheathing shall be overlapped or joined per manufacturers' recommendations and painted in accordance with coatings schedule. Insulation materials shall be USCG type approved "non-combustible material" under 46 CFR 164.006, 164.007, 164.008, 164.009, 164.107, 164.108, & 164.109 for the intended use and shall be 100% free of asbestos-containing materials. The CONTR shall provide insulation arrangement and details and proof of USCG certification of materials selected to MaineDOT for review prior to start of installation.

CONTR shall take the insulation thickness into account when installing piping, cable trays, and other systems along a bulkhead or deck to be insulated. Sufficient clearance must be maintained from the insulated surface to allow installation without compression of or gaps in the material. CONTR is responsible for repair, replacement and redress of any insulation components damaged during the course of production activities.

#### 508.1.2 EXHAUST LAGGING & INSULATION

All insulation materials and installation details shall be in accordance with ASTM Volume 01.07 "Shipbuilding" Standard F683 except as detailed herein.

The generator engines and furnace exhaust systems shall be provided with high temperature, exhaust wrap, removable, sewn pads/blankets by GT Exhaust or approved equal (Ref: DWG D372-P1). Prepare surfaces by cleaning before applying insulation and follow manufacturer's recommendations. Provide and install aluminum sheet metal covering in way of access areas where the insulation will be subject to damage or personnel contact to the satisfaction of MaineDOT. The exhaust system shall be isolated from the hull with flexible stabilizers and raincap funnels. Exhaust isolation design and materials are to be provided by Soundown, or approved equal.

Battery room exhaust ducts exposed to weather on the 02 deck, shall be insulated and faced with white mylar covering with seams fastened and taped.

#### 508.1.3 UPTAKE & INTAKE SOUND INSULATION

In addition to specified structural fire protection insulation, all uptake bulkheads shall be insulated with 1" Johns Manville Incombustible Hullboard with perforated glass cloth, or approved equal from the deck cutout to the engine room to 12" above the 01 deck plate. All insulation materials shall conform to requirements set forth in 46 CFR 164.009 or 164.109. The insulation material shall be fastened with seams and edges taped in accordance with the manufacturer's recommendations.

The CONTR shall provide (40) sets of 3/8" Grade 80 tie down chain assemblies 15' long with 3/8" hooks at each end and (40) ratchet type 3/8" chain binders. Storage for the assemblies shall be provided on steel flat bar or angle in the starboard deck locker mounted to the bulkhead to the approval of MaineDOT.

### **581.1 GROUND TACKLE**

The CONTR shall provide and install an anchoring system consisting of the following components in accordance with DWG D372-M4:

- A bulwark anchor "pocket" main deck starboard FR10
- Anchor 750# Baldt workboat type or approved equal
- Chain 32 ft. of 1" Grade 1 stud link, galvanized, stowed in FR28-FR16 Void Compartment
- Chain rode tray 48"x30" starboard side hull void space
- Line 235 ft., 1-1/2" inch Samson Ultra Blue 12 plaited rope or approved equal
- Anchor release lever mechanism (DWG D372-M4)
- Hawse pipe starboard side as far outboard as possible to avoid vehicle impact
- Anchor rode retrieval drum, Schoellhorn-Albrecht 5" rope circumference hawser reel deck mount model SHR-5-24-24-AL, or approved equal starboard side hull void space as far outboard as possible to avoid vehicle impact
- (1 set) Shackles, swivel, thimbles, required and to the approval of the MaineDOT

Anchor stowage materials shall be 316 stainless steel.

### **582.1 MOORING SYSTEM**

The CONTR shall provide and install, as appropriate, the following equipment:

#### **582.1.1 LINES**

(6) 50-foot (including eye splice) poly-Dacron dock lines, 1-1/4 inch diameter (18,750# avg. tensile strength), each with a 30-inch eye splice in one end.

#### **582.1.2 KEVELS (CLEATS)**

The CONTR shall provide and install mooring cleats and bulwark fairlead chocks to adequately moor the vessel for bow and stern loading and for side to pier docking. The CONTR shall provide and install (14) 24" kevels in locations as shown on DWG D372-A12. There shall be kevels on each side, (7) port and (7) starboard. Each kevel shall have an associated fairlead chock (4" Schedule 80 hawse pipe) located to the approval of the MaineDOT to provide adequate line leads from the chock to the kevel.

The CONTR shall provide and install line hooks on the bulwarks in (5) places – P&S bow and stern to hang mooring lines on, Port FR12 for anchor chain. These shall be flat bars shaped to

accommodate the mooring lines – two hooks spaced appropriately at each of (14) mooring stations. Hooks and locations shall be to the approval of the MaineDOT.

### **582.1.3 BULWARK SERVICE GATES**

The CONTR shall provide and install (6) bulwark service gates in accordance with the locations and details of DWG D372-A12. Padeyes are to be provided at each such that the portable COMAR ladder can be attached for use in the event of a water rescue.

## **582.2 PIPING SYSTEM TESTS**

The Contractor shall complete hydrostatic leak tests of all fluid and air piping systems in accordance with regulatory requirements. Hydrostatic tests shall be completed prior to operational tests of pumps, piping, and valves, to prove the integrity of the piping and valves in the system. Perform hydrostatic tests before applying piping insulation. Test each system when complete in its entirety to 1.5 times the design operating pressure or otherwise noted. A predetermined test time period will be agreed upon with MaineDOT and USCG where applicable.

Manually operate all valves from stop to stop to demonstrate free operation without binding. Remote valve operators (reach rods, hydraulically actuated quick closing devices, etc.) shall be tested to demonstrate proper operation. Demonstrate that all relief valves and pressure safety devices operate at their set pressure or provide current test certification. CONTR shall submit all pressure gauges with lab calibration test and certification stickers along with certifying documents. Valve identification tags shall be checked for accuracy. CONTR shall be responsible for documenting testing/verification and submitting to MaineDOT. Inspect all welds, screwed connections, and takedowns for leakage. Acceptance criteria shall be zero leakage.

Manually operate all ventilation system balancing dampers and fire dampers to demonstrate free operation without binding. Check ventilation system filters for proper installation and cleanliness prior to system operation. CONTR shall be responsible for documenting testing/verification and submitting to MaineDOT.

## **583.1 RESCUE BOAT & DAVIT**

583.1.1: DAVIT: The CONTR shall provide and install a Coastal Marine Equipment, Inc. D50-14.75-11-24 (240V, 3-phase), or approved equal davit on the 02-Deck starboard side (Ref. D372-A1-2 and D372-M5). The CONTR shall note that the Coastal davit pedestal will not be provided with side gussets. The CONTR shall be responsible for fabricating and installing (8) gussets on the pedestal. Handing of davit as shown on plans. CONTR shall submit working drawings to MaineDOT prior to installation.

583.1.2: RESCUE BOAT: The CONTR shall provide and install a new Palfinger RSQ 450 Rescue Boat, or approved equal rescue boat with jockey seat, electric start, boat cover

and motor cover, and (50) HP gasoline outboard motor. Vessel name and hailing port to be stenciled on rescue boat.

- 583.1.3: The CONTR shall provide and install a new rescue boat battery charger. The charger shall be a Pro SE, Sportsman Edition, or approved equal and shall be located in a position to be accessible to the rescue boat motor starting battery. Locate battery charger power to an appropriate source.
- 583.1.4: The CONTR shall provide and install aluminum cradle chocks, Scully Fabrication, or approved equal. The Scully cradle shall be ordered for the boat with the motor stored in a vertical position. CONTR to provide cleats on life raft cradle. Cradle is to be positioned such that the rescue boat bow is higher than the stern and will naturally drain itself.
- 583.1.5: Dedicated floodlights for prep and launch illumination shall be provided and installed in accordance with Section 331.1.9.2.
- 583.1.6: CONTR to provide a rescue boat gear locker Libra OL Series GRP or approved equal white locker with hinged door located in accordance with DWG D372-A1.
- 583.1.7: TESTS: The installation shall be fully operational in radius swing and clearances past the rails. The davit and boat shall be weight tested and operationally tested to the approval of the MaineDOT and the attending USCG OCMI.
- 583.1.8: The CONTR shall install a 3" SCH 160 stainless steel deck socket and (1) removeable 2" SCH 40 vertical pipe stanchion outboard of the rescue boat at FR 36. A course of yellow colored, rubber-coated ½" Grade 30 chain or removeable safety netting shall be attached to railings as stanchion as required by the OCMI.

#### **584.0 VEHICLE GATES**

The CONTR shall build and install a chain link and safety netting vehicle gate across the opening in the forward and aft deck bulwarks. CONTR shall submit working drawings to USCG and MaineDOT for approval prior to ordering. The gate shall be constructed of one course of yellow colored, rubber-coated ½" Grade 30 chain attached to (1) 2" SCH 40 vertical pipe stanchion on centerline as shown in DWG D372-A12. Netting shall attach to side bulwarks and vertical stanchion. Netting shall be US Netting or approved equal 2" black polyester webbing, 12,000 lb tensile strength, 2" wide perimeter strap, 4"x4" square mesh openings, (1) 3" ID D-Ring top center, (4) straps with sewn in SS Snap hooks and cam buckles on each strap 44" tall both sides. Net dimensions are 44" height x 13'-8" width not including straps and hardware. Stanchions mount in 3" SCH 160 stainless steel deck socket 6" minimum depth near FR1 and FR 101. An additional 3" SCH 160 stainless steel deck socket shall be provided at the bulwark starboard FR1.5 & FR100.5 for stowage of the vertical pipe stanchion during loading and unloading.

- 02-Deck: Crew head FR53
- 01-Deck Port: Cleaning Gear Locker FR48; Passenger Head FR53; Passenger Head FR57; PDF Locker FR69
- 01-Deck Starboard: PFD Locker FR33; Passenger Head FR46; Wheelchair Lift FR52; Cleaning Gear Locker FR55
- Hold Deck: Crew Head Port FR 36; Workshop Sliding Door FR36; Crew Break Room FR38;
- Engine Room – Acoustic EOS FR44

All doors accessible to passengers shall be fitted with finger guard protectors at the hinges. Doors opening against bulkheads shall be fitted with rubber bumpers.

#### 611.1.3 ENGINE ROOM WATERTIGHT DOORS

CONTR shall provide and install Class I hinged, watertight door on forward engine room bulkhead FR 40 and aft engine room bulkhead FR62 (Ref: D372-A7). Doors shall be stainless steel, with clear opening dimensions of 66"x30". Doors shall be equipped with quick-acting wheel operation both sides. Doors shall have local and pilothouse audible and visual alarms for open status. Doors shall be by Cen-Tex or approved equal. Doors shall meet all U.S. Coast Guard requirements for subdivision bulkhead watertight door.

#### 611.1.4 BATTERY ROOM FUMETIGHT DOORS

CONTR shall provide and install A-60 hinged, gas-tight door on aft port battery room bulkhead FR 48 and forward starboard battery room bulkhead FR54 (Ref: D372-A7). Doors shall be stainless steel, with clear opening dimensions of 78" x 28". Doors shall be equipped with grab handle on both sides. Doors shall have local and pilothouse audible and visual alarms for open status. Doors shall be Staco A60WE-2 or approved equal. Gas-tight door shall have continuous gasket where it contacts the door frame and 2 individually activated dogs to maintain gas tight integrity.

### **612.1 RAILS & STANCHIONS**

#### 612.1.1 EXTERIOR RAILINGS

The CONTR shall provide and install welded steel pipe handrails and stanchions to meet 46 CFR requirements (Ref: D372-S12). Handrails shall be provided and installed around all perimeters of the 02 weather deck areas including 02-Deck inboard/forward/aft of the IBA storage racks, rapid charging receptacle, and rescue boat storage/launch area. These pipe handrails shall be fitted with welded tabs and bolt-on stainless screen sections (See Section 612.1.2 below). CONTR shall provide and install (2) removable stanchions, 30" high, 1 1/2" schedule 40 pipe,

The STARBOARD side passenger head shall be ADA accessible and comply with ADAAG guidelines in all respects. Toilet transfer grab bars (Bobrick or approved equal) shall be installed in compliance with the ADAAG July 2013 requirements. The installation of the toilet shall adhere to ADAAG height and positioning dimensions. Hand dryers, vanity arrangement, lighting switches, mirror, etc. shall comply with ADAAG Guidelines.

### **645.1 PASSENGER, CREW, & PILOTHOUSE SPACES**

#### **645.1.1 GENERAL**

The 01-Deck P/S Passenger Cabins; Crew and Passenger Heads; Pilothouse; Interior Passageways; P/S 02-Deck Stair Trunks; Crew Break Room (including common passageways, locker and snack prep area) shall be finished to a commercial standard with drop ceilings, finished lined side and ends joiner bulkheads from the deck to overhead drop ceiling, painted broadcast flake per Section 634 Coatings and epoxy clear top coat, lighting, and marine grade furnishings. Heads shall be fitted with stainless bulkhead linings. A USCG-approved type bulkhead and lining system shall be used. Final finishes shall be reviewed and approved by MaineDOT. CONTR shall be responsible for providing and installing sound insulation and isolation treatment as necessary to assure that acceptable decibel levels are maintained in all crew and passenger spaces. Joiner system is to be by Rigidized Metals Corp., Ayres aluminum honeycomb panels, or approved equal. All joiner system components shall be incombustible. Note that air supply and exhaust fans are present in the overhead of the Crew Break Room. CONTR is to ensure that selected drop ceiling installation is capable of acoustical insulation from fan noise such that a 65 dB noise level can be achieved in the space in accordance with NVIC 12-82 Enclosure 6. Drop Ceilings in crew break room will observe minimum 7'-3" clear height above flat which will require CONTR to position HVAC equipment as close to deck beams as practical. Exhaust duct (8x6) in crew break room can be routed above counter tops and refrigerator in a soffit to fit under transverse girder. Note that air supply and exhaust fans are present in the overhead of each passenger cabin. CONTR is to ensure that selected drop ceiling installation is capable of acoustical insulation from fan noise such that a 60 dB noise level can be achieved in the space in accordance with NVIC 12-82 Enclosure 6. Drop Ceilings in passenger cabins will observe minimum 7'-3" clear height above 01 deck. This will require CONTR to position HVAC equipment as far inboard as practical and ensure fans and preheaters fit between frames to accommodate flange diameters.

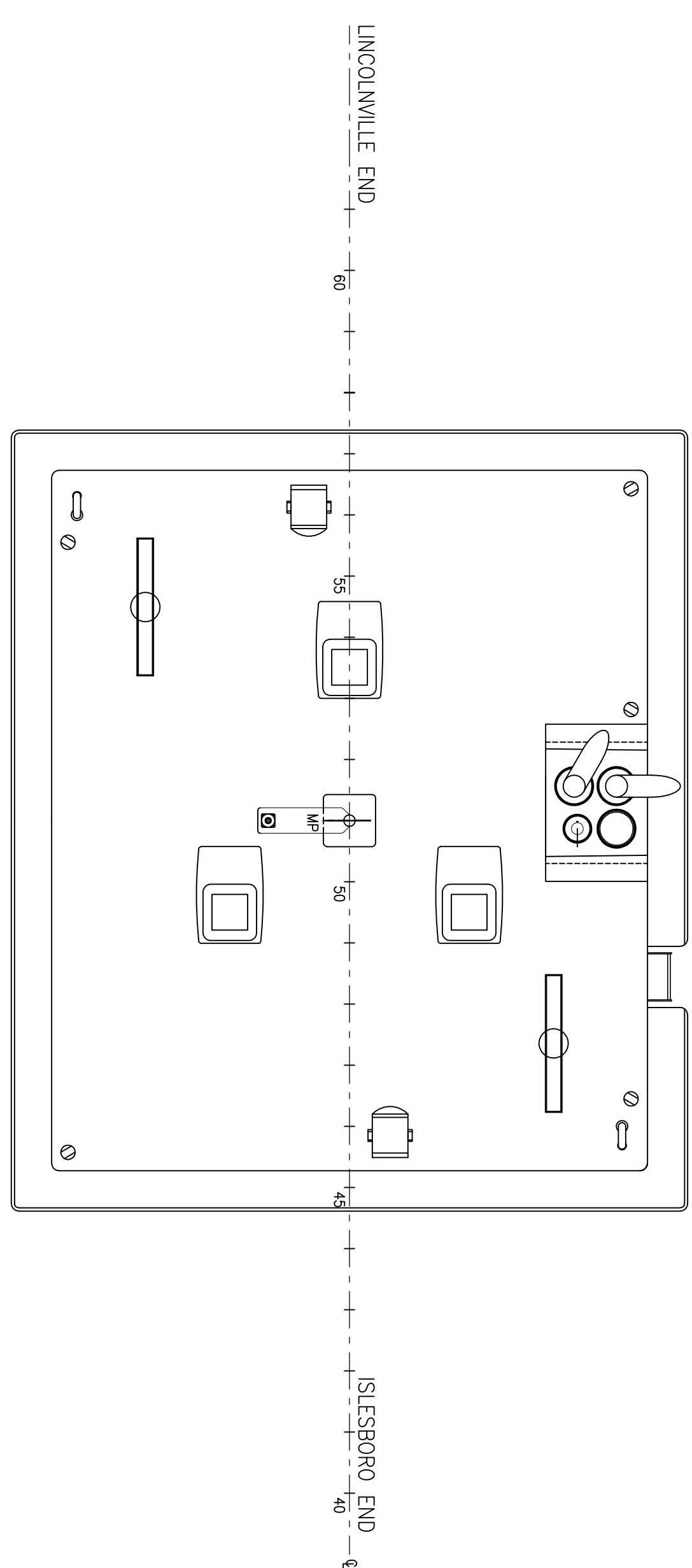
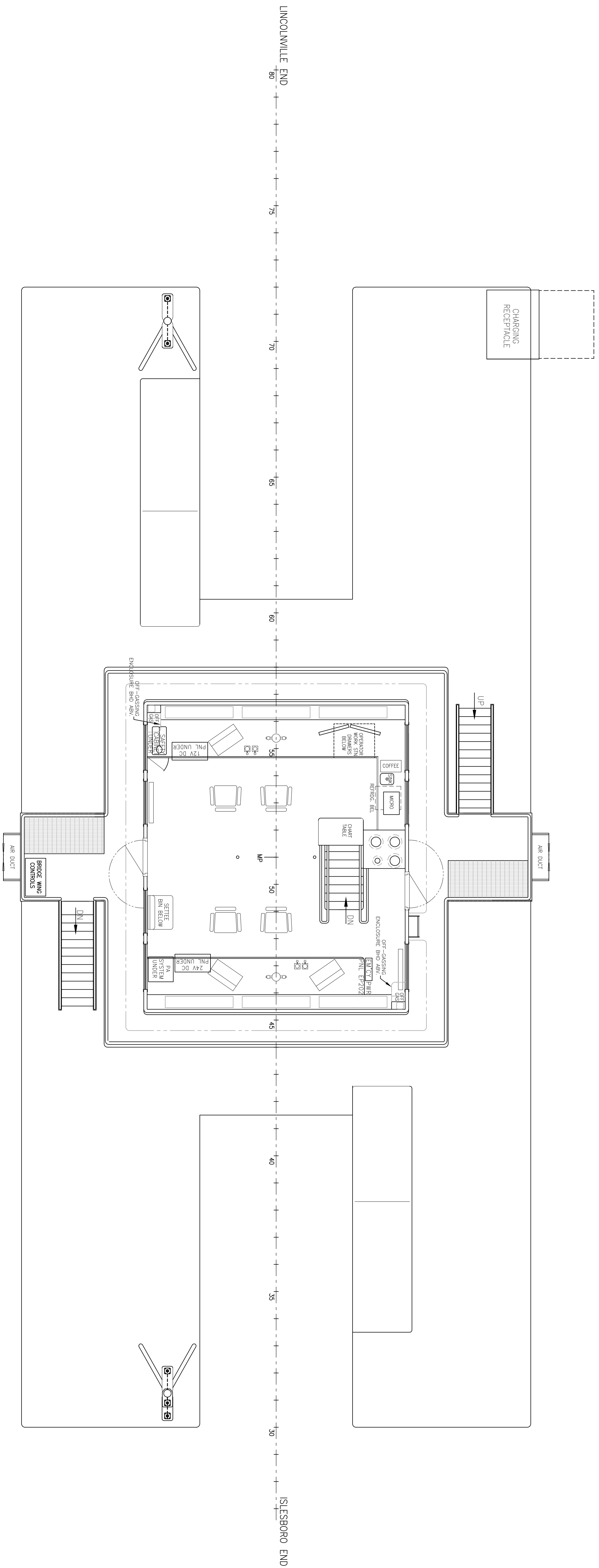
#### **645.1.2 PILOTHOUSE**

The Pilothouse shall be fitted with a forward and aft navigation consoles similar to the consoles on existing MaineDOT fleet vessels. There shall be a fixed helm chair on center and two portable lookout chairs, one starboard at each of the two consoles (4 total). One chart table shall be above the stair to the pilothouse as shown on Contract DWGs. Drawers for maps, charts and manuals shall be incorporated into a storage area of the pilothouse console elsewhere. Shelving for manuals to be binder depth at a minimum. File cabinet shall also be provided under console. CONTR shall supply and install a raised settee with folding step (at same height as fixed chairs); publication rack; a frame for required USCG documents; and all navigation, control, and alarm





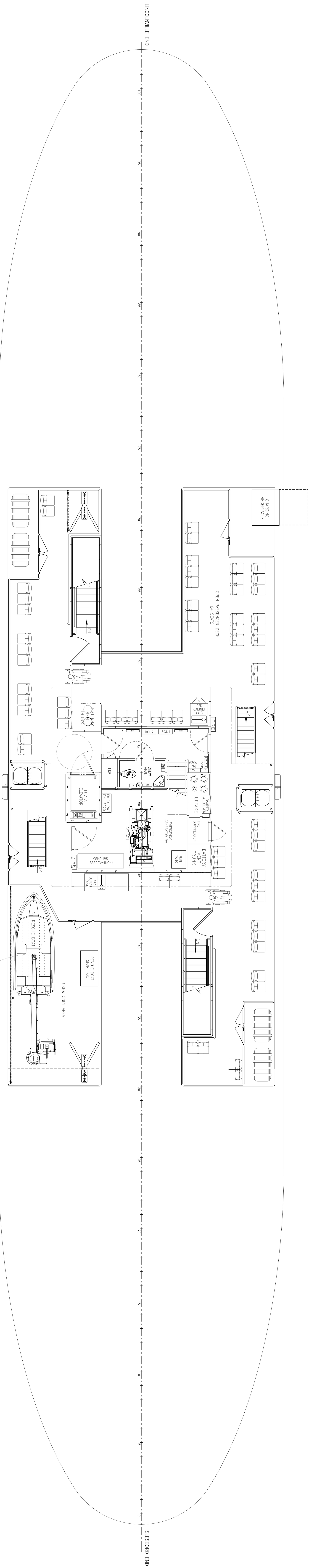




PILOT HOUSE DECK

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PILOT HOUSE TOP



## 02 DECK

0	ISSUED FOR BID	11/6/24	KWC/JG
ALT	DESCRIPTION	DATE	NAME

GILBERT ASSOCIATES, INC.

NAVAL ARCHITECTS  
MARINE ENGINEERS



100 GROSSMAN DRIVE  
BRAINTREE, MA 02184

207 FT LOA FERRY VESSEL

## GENERAL ARRANGEMENTS

02 DECK &amp; PILOT HOUSE DECK

DRAWN BY KVC,JG DATE 12/16/22

APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

SCALE 1/4 = 1-0  
DWG. NO. D372-A1-3 AIT 0

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13



PRINCIPAL CHARACTERISTICS

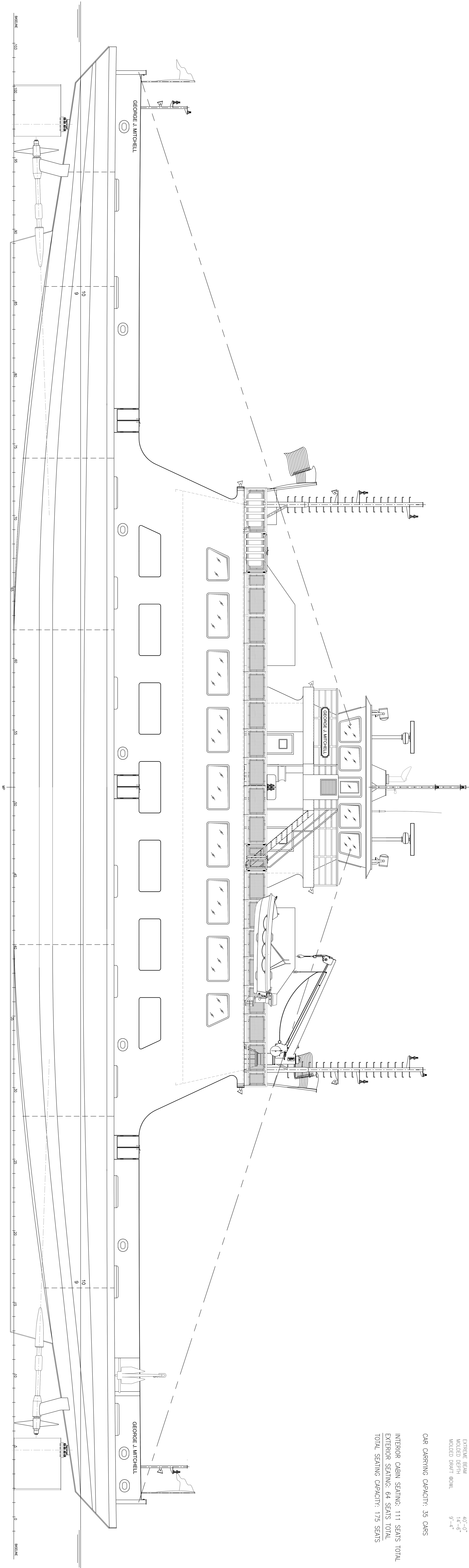
LENGTH ON BECK	207'-0"
LENGTH OVERALL	207'-0"
BECK BREADTH	22'-0"
EXTREME BEAM	40'-0"
MOLDED BERTH	14'-6"
MOLDED DECK GROUND	9'-4"

CAR CARRYING CAPACITY: 35 CARS

INTERIOR CARRIAGE SEATING: 111 SEATS TOTAL

EXTERIOR SEATING: 64 SEATS TOTAL

TOTAL SEATING CAPACITY: 175 SEATS



ALT	ISSUED FOR NO.	DATE	NAME
0	1	11/8/24	NOVAC

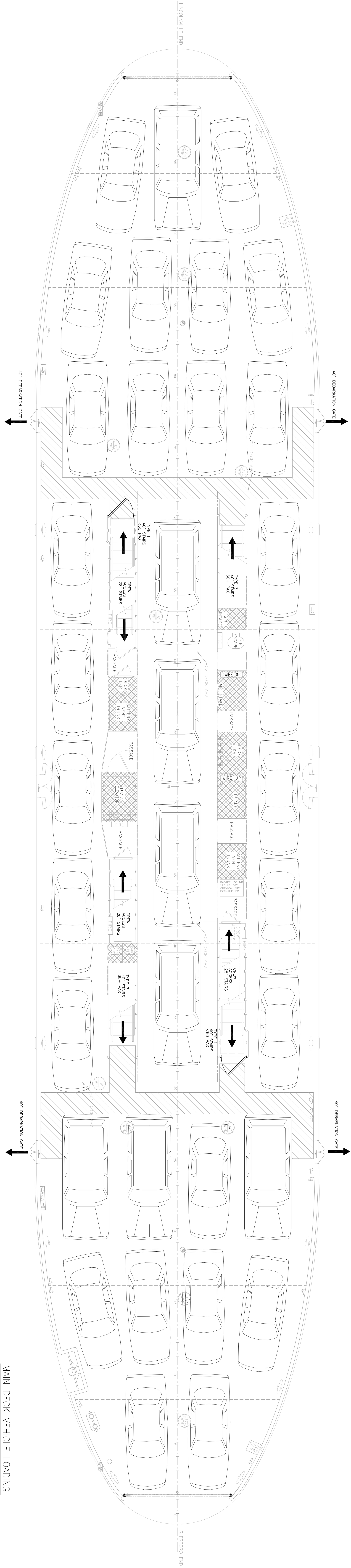
GILBERT ASSOCIATES, INC.

NAVAL ARCHITECTS  
MARINE ENGINEERS  
100 GROSSMAN DRIVE  
BRANTFORD, MA 02044

207 FT LOA FERRY VESSEL

OUTBOARD PROFILE

DRAWN BY: KAC,JS	DATE: 12/16/22
CHECKED BY: JG	DATE: 8/28/24
APPROVED BY:	DATE:
SCALE: 1/4" = 1'-0"	ALT: 0
DWG. NO. D372-A3	



MAIN DECK VEHICLE LOADING

KEY:

□ DENOTES AREA NOT AVAILABLE TO PASSENGERS AND CREW FOR EMBARKATION, EVACUATION, OR ASSEMBLY

▨ DENOTES CLEAR PATHWAY TO DEBARKATION GATES

VESSEL CHARACTERISTICS

SURCHAPTER 14  
PASSENGER-VEHICLE FERRY  
250 PASSENGERS CAPACITY  
PARTIALLY PROTECTED WATERS

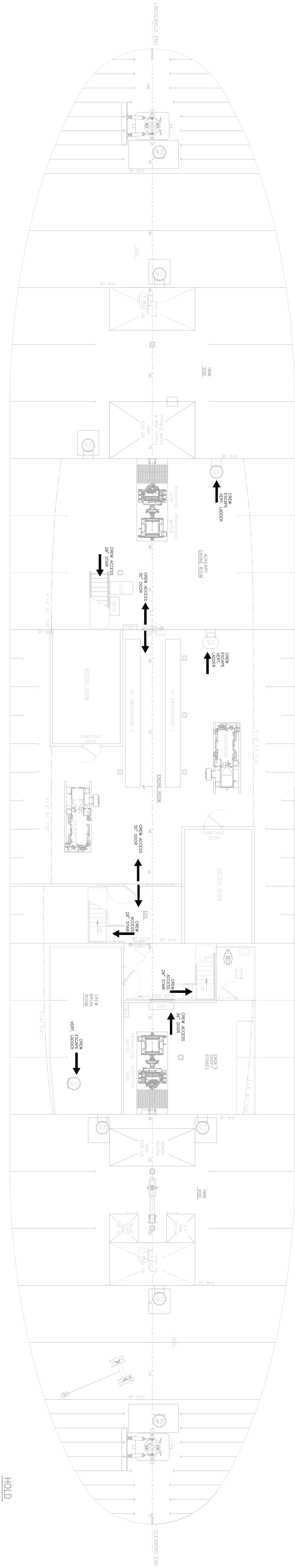
NOTES:

DOORS = 0.75 • PAX  
CABIN CAPACITY = 10 SQ. FT./PAX  
LANDING CAPACITY = 1.2 SQ. FT./PAX

HATCHED AREAS INDICATE AREAS NOT USED FOR ACCOMMODATION OR REFUGE

In 46 CFR 72.05-20(6) stairways are identified as follows:

- Type 1 = Main Vertical Zone enclosed stair towers.
- Type 2 = Interior stairway not enclosed.
- Type 3 = Interior stairway not enclosed.
- Type 4 = Exterior stairways or exterior inclined ladders



HOLD

0	ISSUED FOR NO.	17/8/24	INC.
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ALT	DESCRIPTION	DATE	NAME
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**GILBERT ASSOCIATES, INC.**  
NAVAL ARCHITECTS  
MARINE ENGINEERS  
100 GROSSMAN DRIVE  
BRANTFORD, MA 02034

207 FT LOA FERRY VESSEL  
MAINE DOT

EVACUATION PLAN  
HOLD AND MAIN DECK

DRAWN BY: KWC  
CHECKED BY: JMC  
APPROVED BY: [Signature]  
DATE: 01/15/2024  
DATE: 10/8/24  
DATE: [Blank]

SHEET 1 OF 2

DWG. NO. D372-A4-1

ALT. 0

SCALE 1/4" = 1'-0"



- KEY:
- DENOTES AREA NOT AVAILABLE TO PASSENGERS AND CREW FOR EMBARKATION, EVACUATION, OR ASSEMBLY
  - DENOTES CLEAR PATHWAY TO DEBARKATION GATES

VESSEL CHARACTERISTICS

STRENGTHENED HULL FERRY  
250 PASSENGERS CAPACITY  
PARTIALLY PROTECTED WATERS

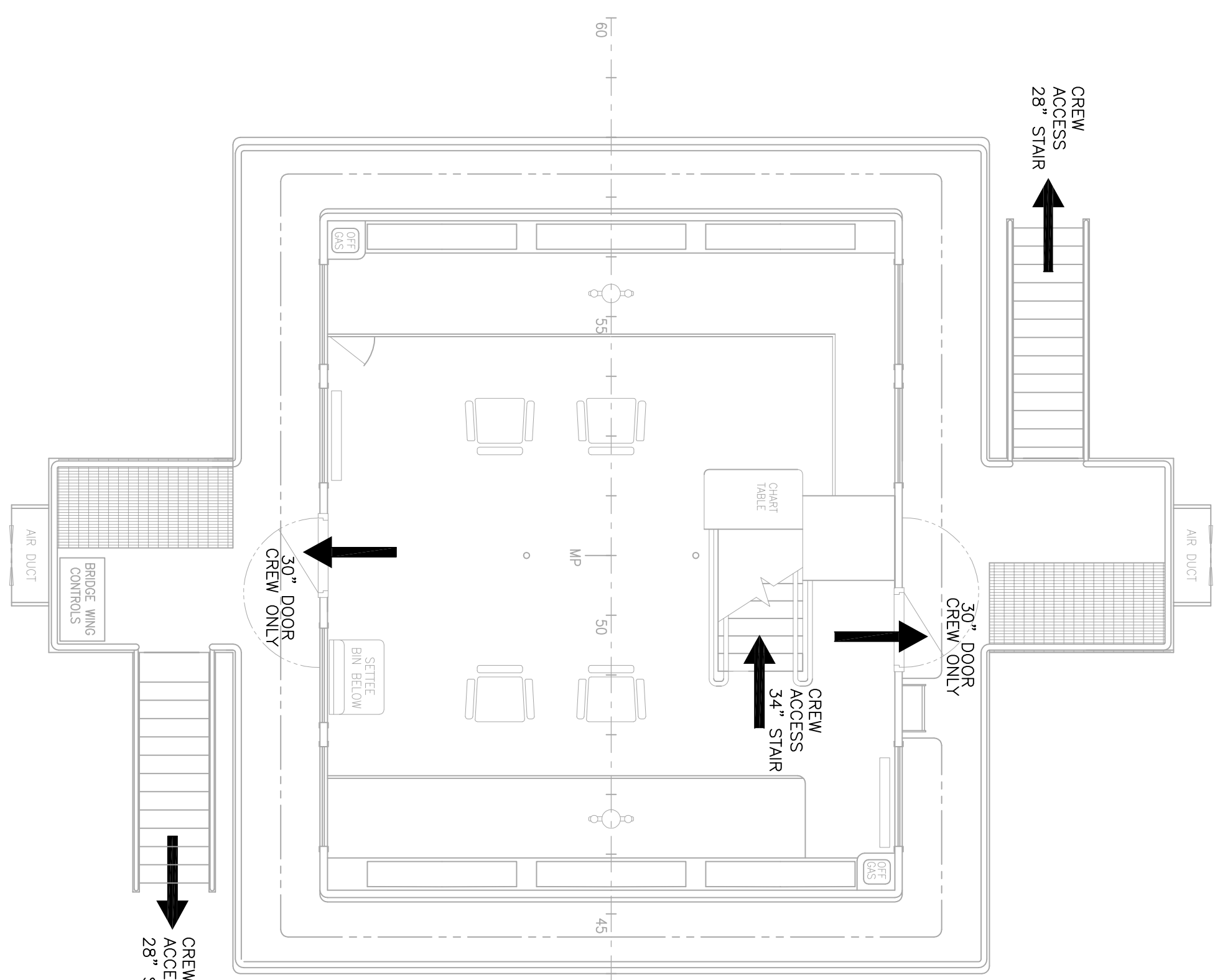
NOTES:

DOORS = 0.75 \* PAX  
CABIN CAPACITY = 10 SQ. FT./PAX  
LANDING CAPACITY = 1.2 SQ. FT./PAX

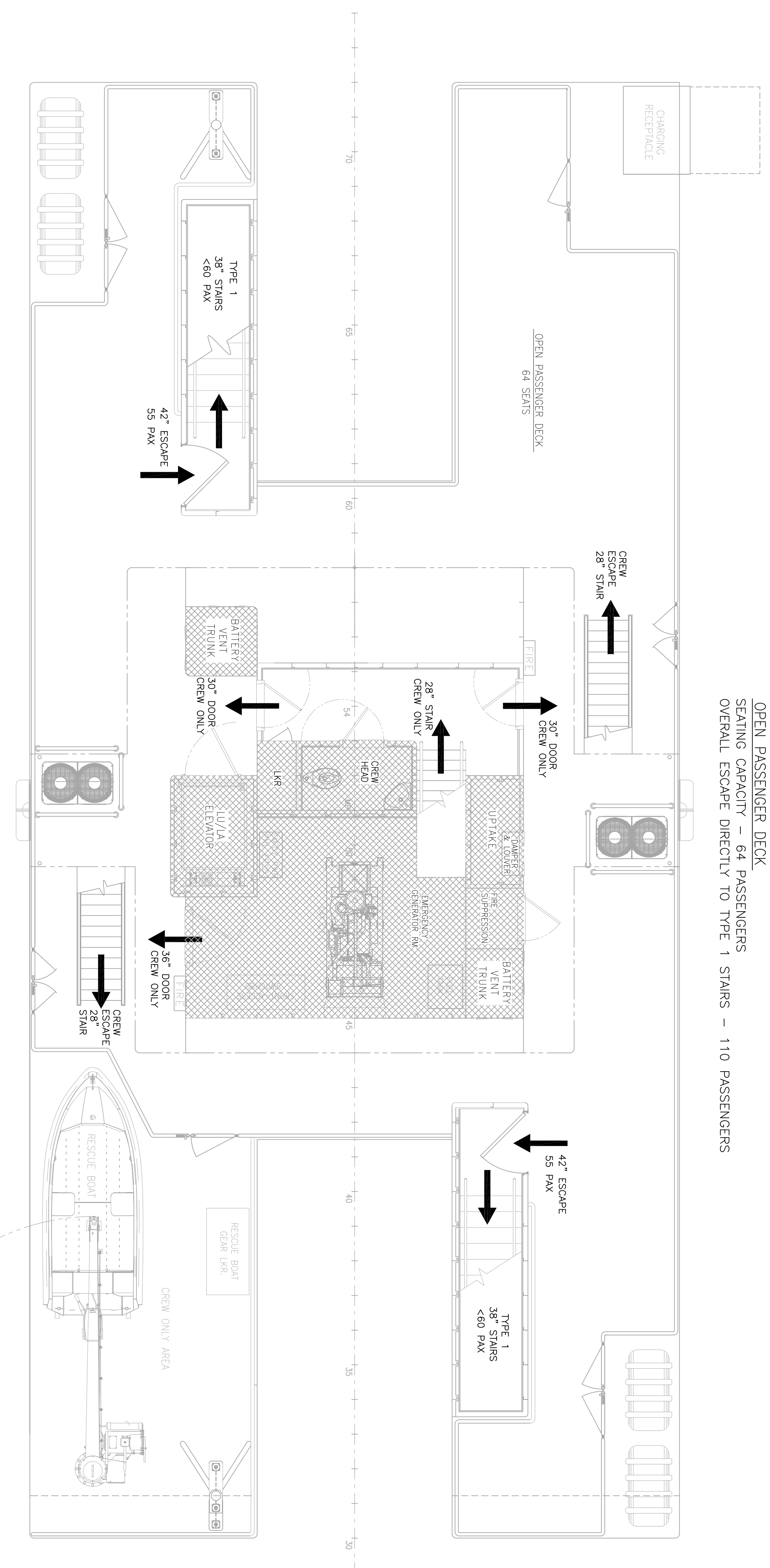
HATCHED AREAS INDICATE AREAS NOT USED FOR ACCOMMODATION OR REFUGE

In 46 CFR 72.05-20(d) stairways are identified as follows:

- Type 1 — Main Vertical Zone enclosed stair towers.
- Type 2 — Enclosed stairways other than Type 1.
- Type 3 — Enclosed stairways or exterior inclined ladders
- Type 4 — Exterior stairways or exterior inclined ladders



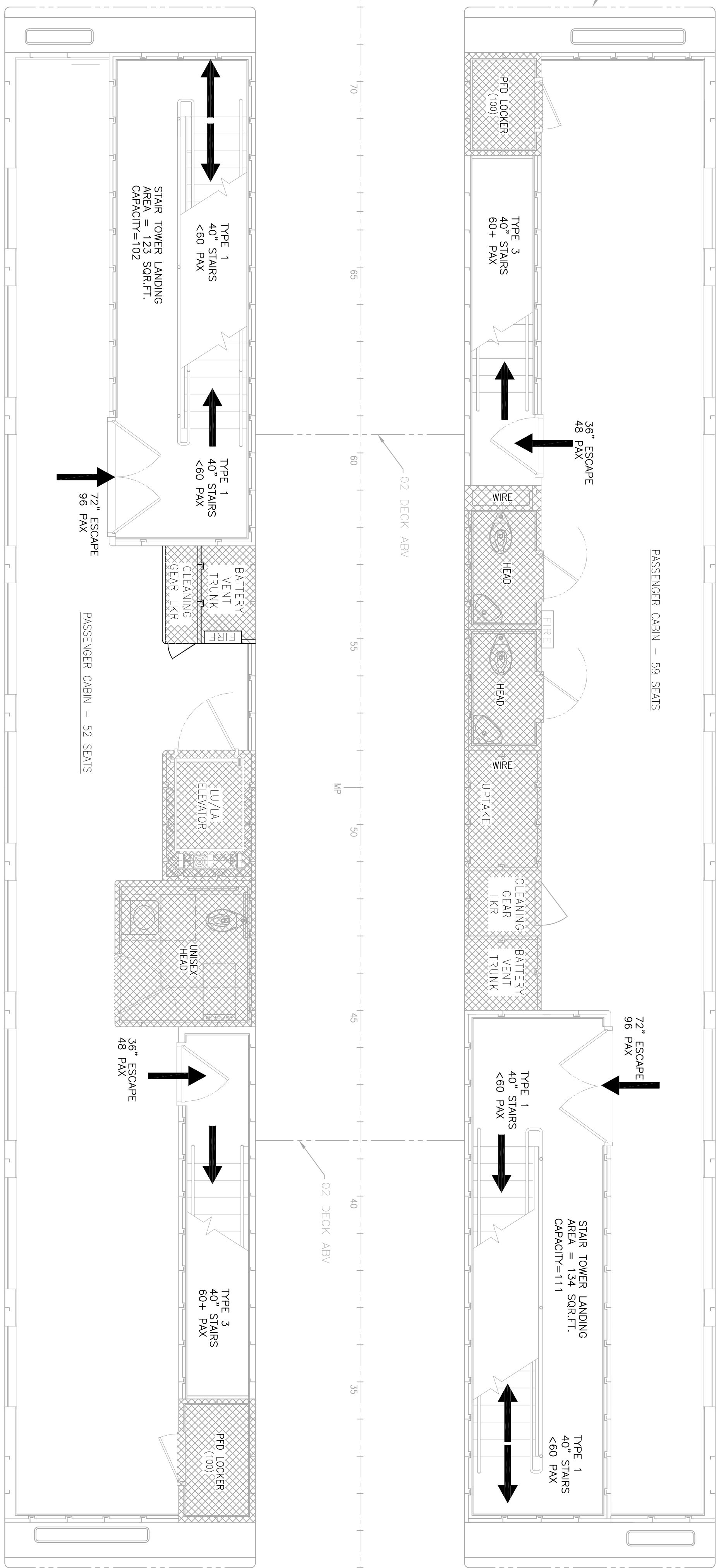
01 DECK



02 DECK

PASSENGER CABIN

SEATING CAPACITY - 59 PASSENGERS, STAIRS - 96 PAX  
ADDITIONAL ESCAPE THROUGH TYPE 3 STAIR - 48 PAX  
TOTAL ESCAPE CAPACITY - 144 PASSENGERS



01 DECK

PASSENGER CABIN

SEATING CAPACITY - 59 PASSENGERS  
ADDITIONAL ESCAPE THROUGH TYPE 3 STAIR - 48 PAX  
TOTAL ESCAPE CAPACITY - 144 PASSENGERS

NO	ISSUED FOR NO	DESCRIPTION	DATE	NAME
----	---------------	-------------	------	------

GILBERT ASSOCIATES, INC.

NAVAL ARCHITECTS  
MARINE ENGINEERS



100 GROSSMAN DRIVE  
BRANTFORD, MA 02014

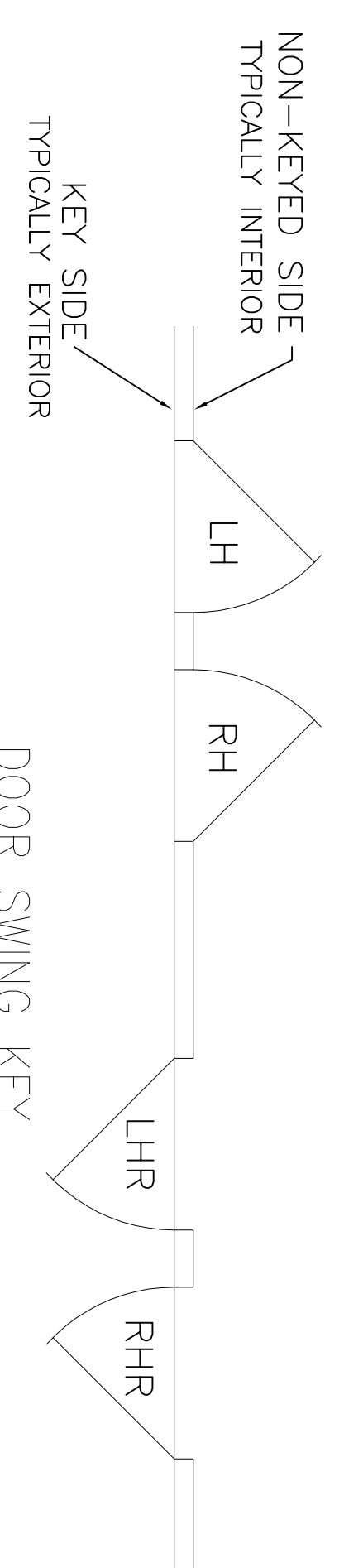
207 FT LOA FERRY VESSEL  
MAINE DOT

EVACUATION PLAN  
01,02 & PH DECK

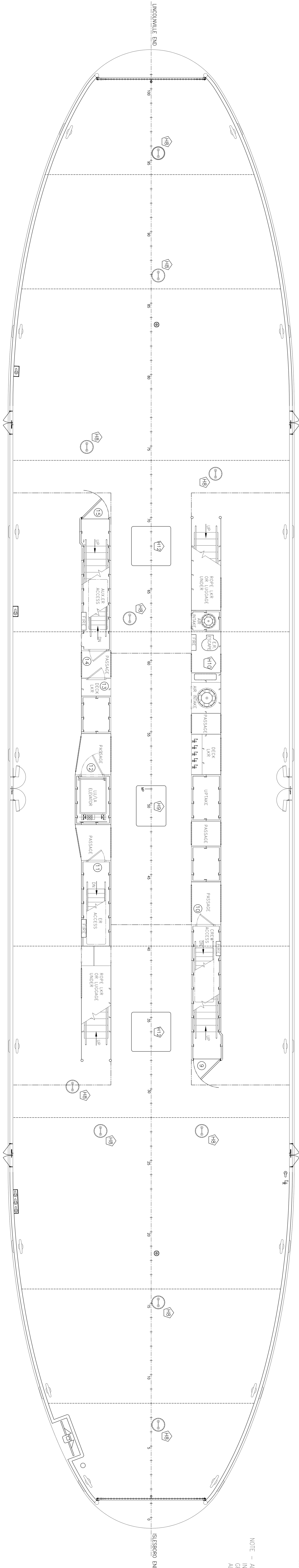
DRAWN BY: KWC  
CHECKED BY: JMC  
DATE: 01/15/2024

APPROVED BY: JMC  
DATE: 10/8/24

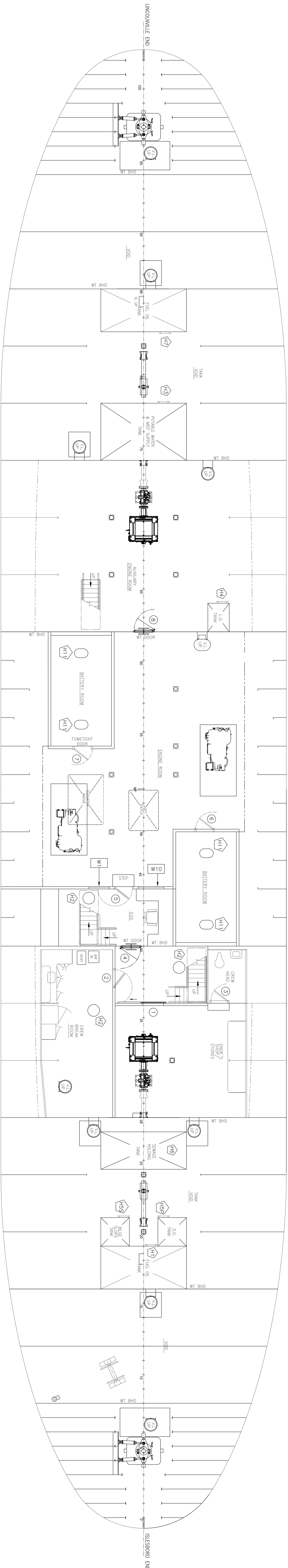
SHEET 2 OF 2  
DWG. NO. D372-A4-2  
SCALE: 1/4" = 1'-0"



NOTE - ALL DOORS ACCESSIBLE BY PASSENGERS SHALL BE FITTED WITH FINGER GUARD PROTECTIONS.  
INTERIOR SELF-CLOSING DOORS ACCESSIBLE BY PASSENGERS SHALL HAVE PULL FORCE NO GREATER THAN 5 LBS OR AS REQ'D BY USCG. EXTERIOR SELF-CLOSING DOOR FORCE BY USCG REQ'S.  
ALL DOORS OPENING ABOARD STRUCTURAL OR JOINTER BULKHEADS SHALL BE FITTED WITH RUBBER BUMPERS.



MAIN DECK



HOLD

Q	ISSUED FOR	DATE	BY
1	ISSUED FOR	11/6/24	KJC

Q	DESCRIPTION	DATE	BY
1	ISSUED FOR	11/6/24	KJC

THIS PLAN IS THE PROPERTY OF GILBERT ASSOCIATES, INC. AND NO PART OF IT SHALL BE REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN CONSENT OF GILBERT ASSOCIATES, INC.

**GILBERT ASSOCIATES, INC.**

NAVAL ARCHITECTS

100 GROSSMAN DRIVE  
BRANTREE, MA 01914

207 FT LOA FERRY VESSEL  
MAINE DOT

DOOR AND WINDOW  
SCHEDULE

DRAWN BY INC. JG  
CHECKED BY KJC  
APPROVED BY JMG

DATE 12/14/23  
DATE 8/14/24  
DATE 8/14/24

SHEET 1 OF 2

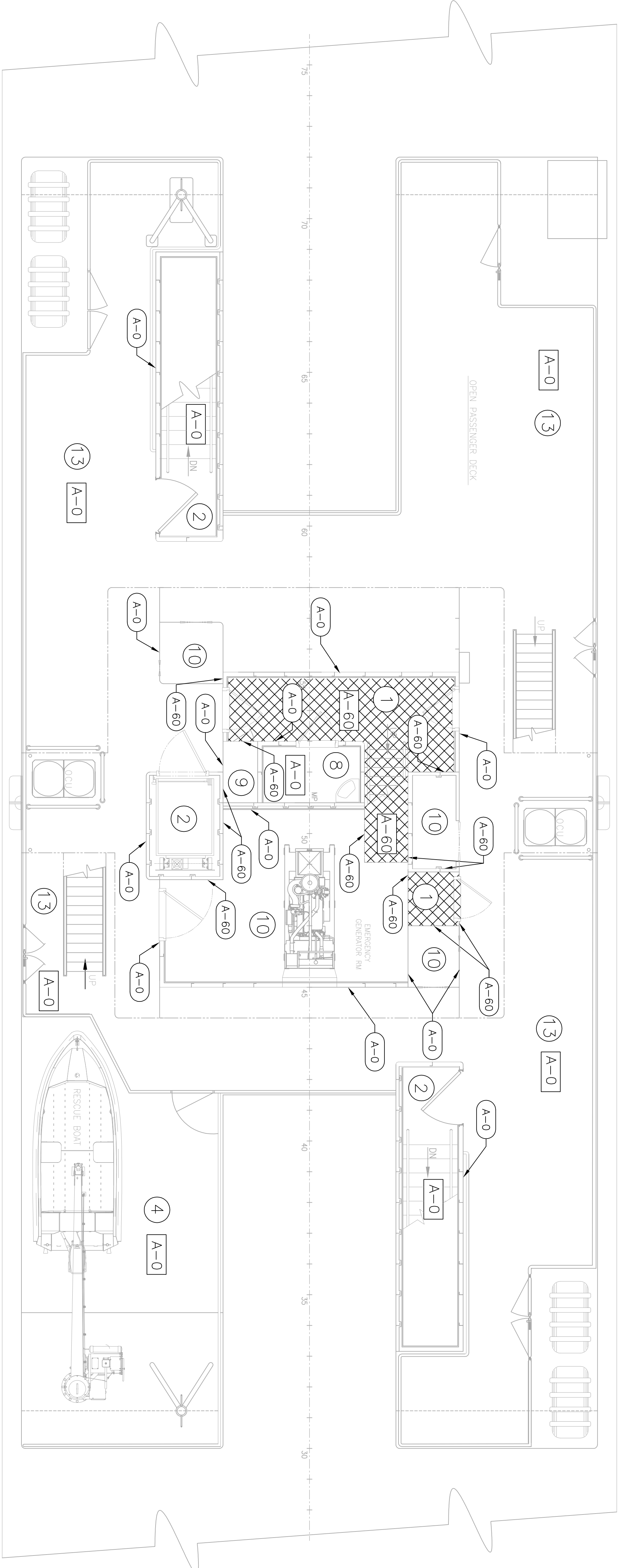
DWG. NO. D372-A7-1

ALT. 0

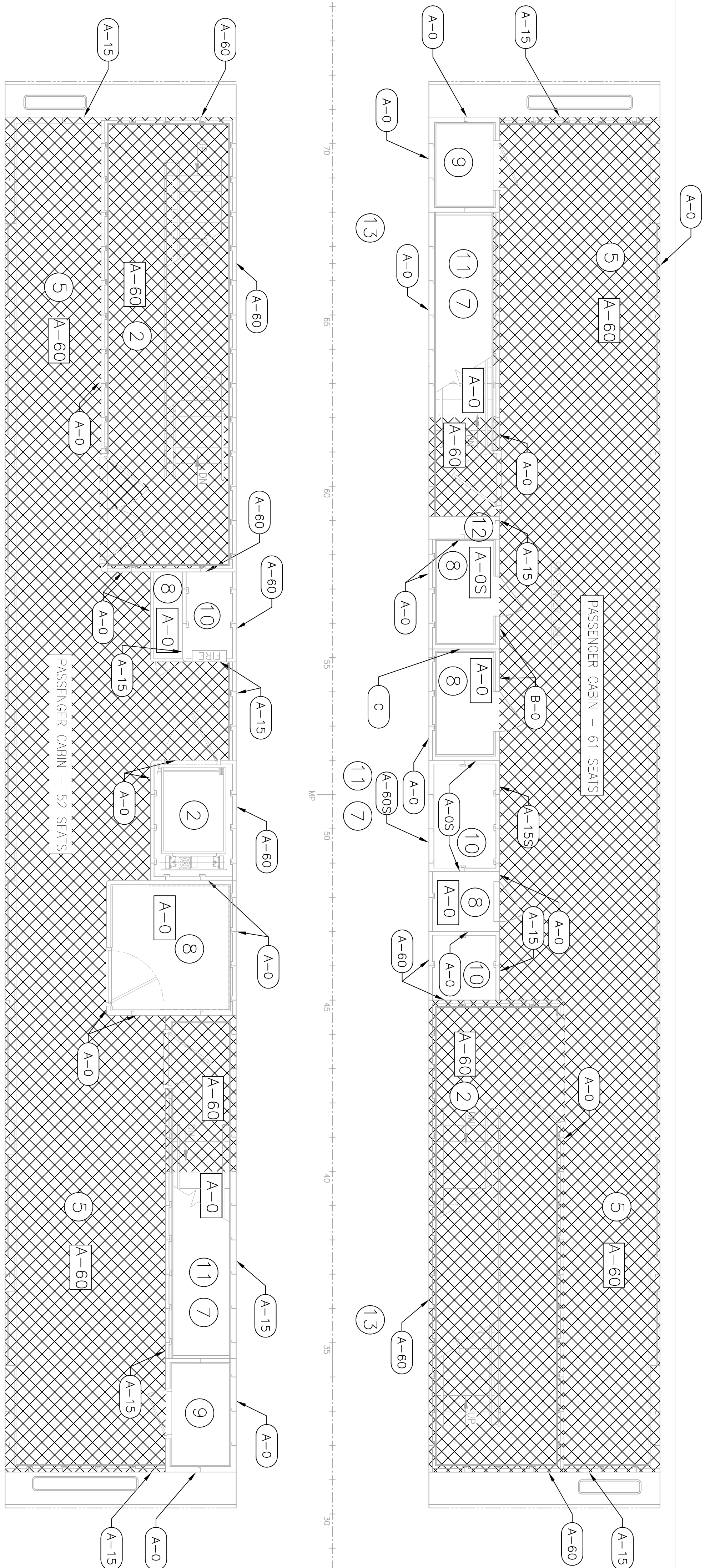








02 DECK

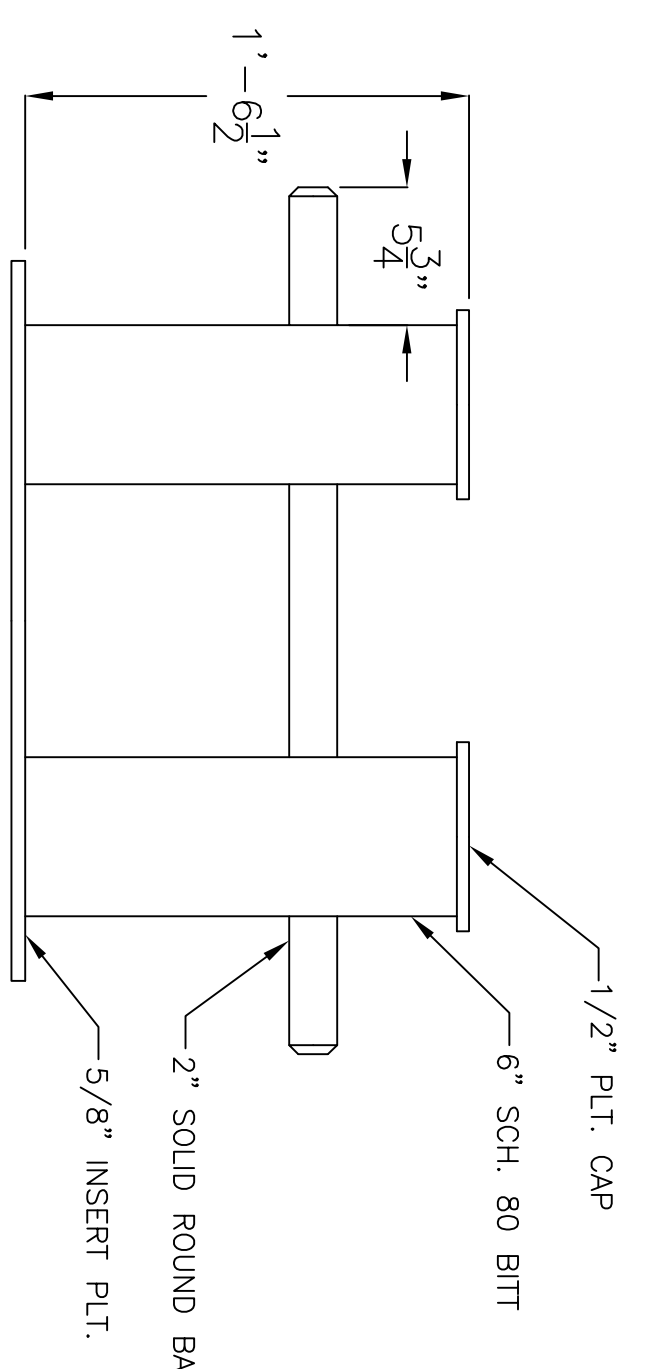


01 DECK

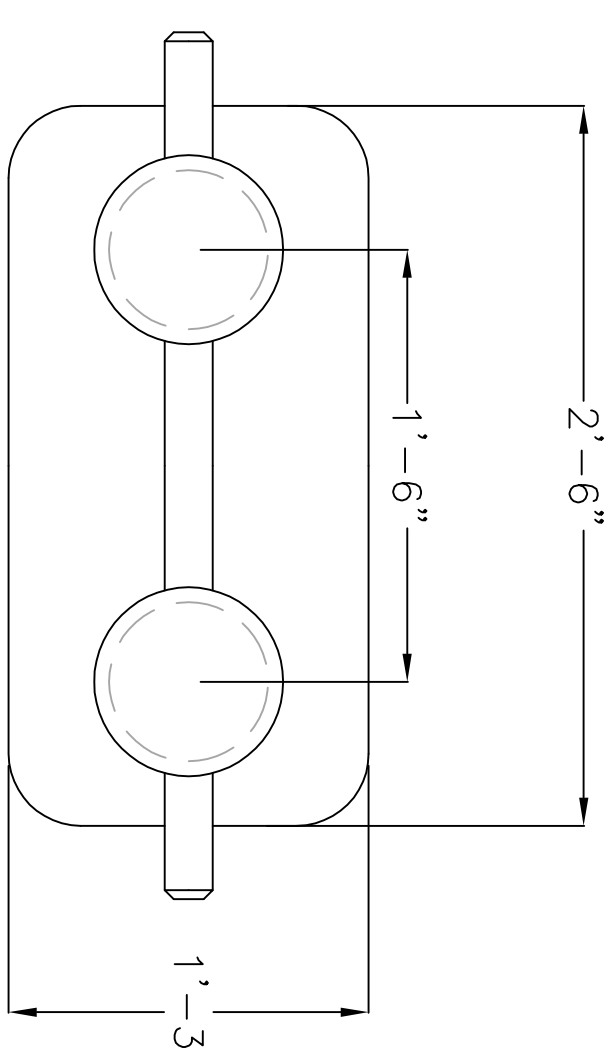
- U.S. COAST GUARD SPACE DESIGNATORS
- 46 CFR 72.05-10
1. CONTROL STATIONS
  2. STAIRWAY AND ELEVATOR ENCLOSURES
  3. CORRIDORS
  4. LIFEBOAT EMBARKATION STATIONS
  5. STATEROOMS WITH INCOMBUSTIBLE VENEERS AND FIRE RESISTANT FURNISHINGS
  6. STATEROOMS AND PUBLIC SPACES OF 500 SQUARE FEET OR LESS WITH COMBUSTIBLE FURNISHINGS AND ISOLATED STATEROOMS
  7. PUBLIC SPACES OVER 500 SQUARE FEET WITH COMBUSTIBLE FURNISHINGS
  8. WASHROOMS, TOILET SPACES, AND ISOLATED PANTRIES WITH INCOMBUSTIBLE FURNISHINGS
  9. GALLEY, MAIN PANTRIES, STOREROOMS, AND WORKSHOPS
  10. MACHINERY SPACES
  11. DRY CARGO SPACES
  12. FUEL AND WATER TANKS AND VENTS
  13. OPEN DECKS AND ENCLOSED PROMENADES (NOT SAFETY AREAS)

- SYMBOL KEY
- — USCG SPACE TYPE DESIGNATION
  - — DECK FIRE RATING
  - — A-0 DECK INSULATION
  - — A-15 DECK INSULATION
  - — A-30 DECK INSULATION
  - — A-60 DECK INSULATION
  - "S" — SOUND INSULATION IN ADDITION TO FIRE INSULATION

ALT.	ISSUED FOR BID	DESCRIPTION	DATE	NAME
0		207 FT LOA FERRY VESSEL	11/2/21	WGT
NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM THE ARCHITECT. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWINGS D372-A11-1 AND D372-A11-3.				
BEST INTERESTS, NEITHER WILL BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.				
GILBERT ASSOCIATES, INC.				
NATURAL ARCHITECTS				
105 GROSSMAN DRIVE				
BRAINTREE, MA 02144				
207 FT LOA FERRY VESSEL				
STRUCTURAL FIRE PROTECTION				
01 DECK & 02 DECK				
DRAWN BY: JMW	DATE: 08/11/2023			
CHECKED BY: KC	DATE: 09/27/23			
APPROVED BY:	DATE:			
SCALE: 1/4" = 1'-0"	DATE:			
DWG. NO. D372-A11-2	ALT. 0			

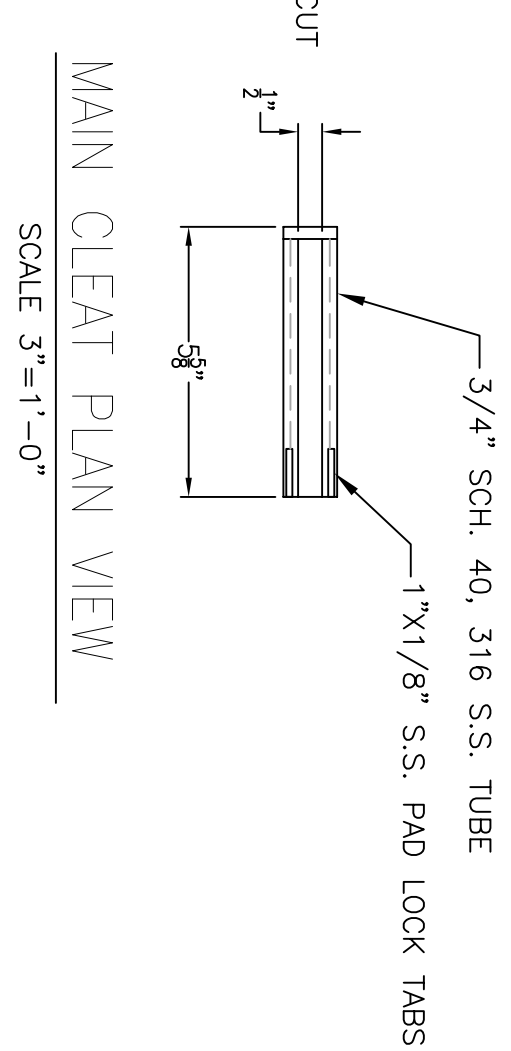


### PROFILE VIEW OF ANCHOR ROD BITTS

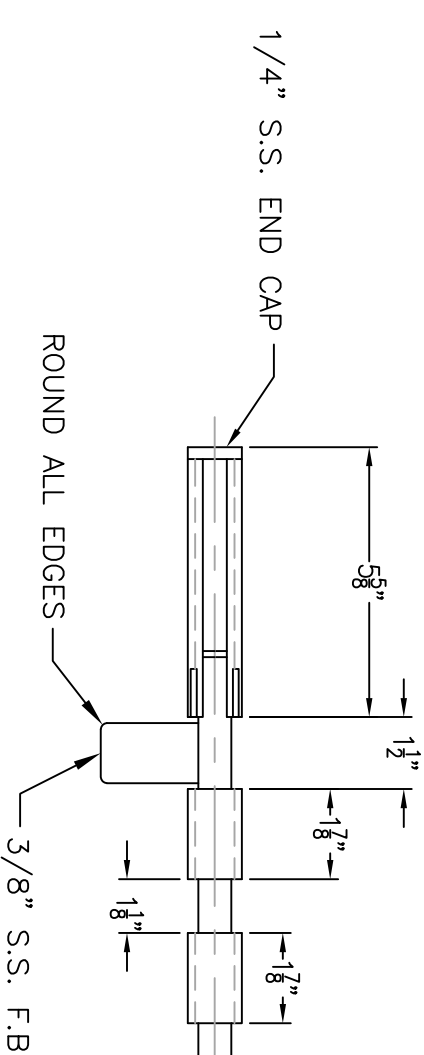


PLAN VIEW OF ANCHOR ROPE BITTS

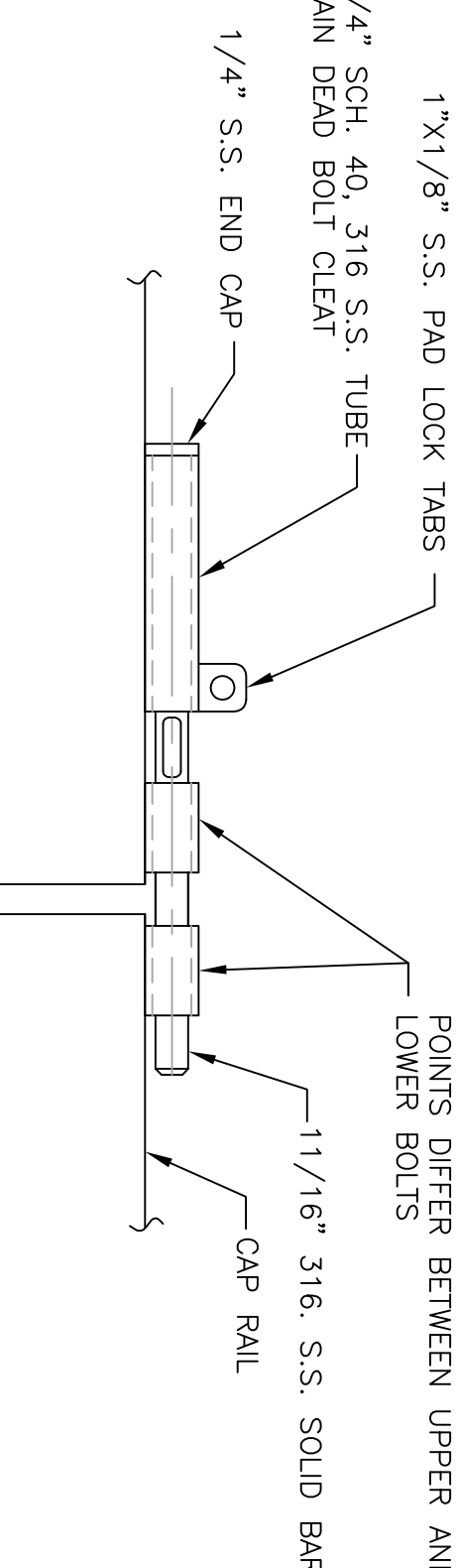
SCALE 1 1/2"=1'-0"



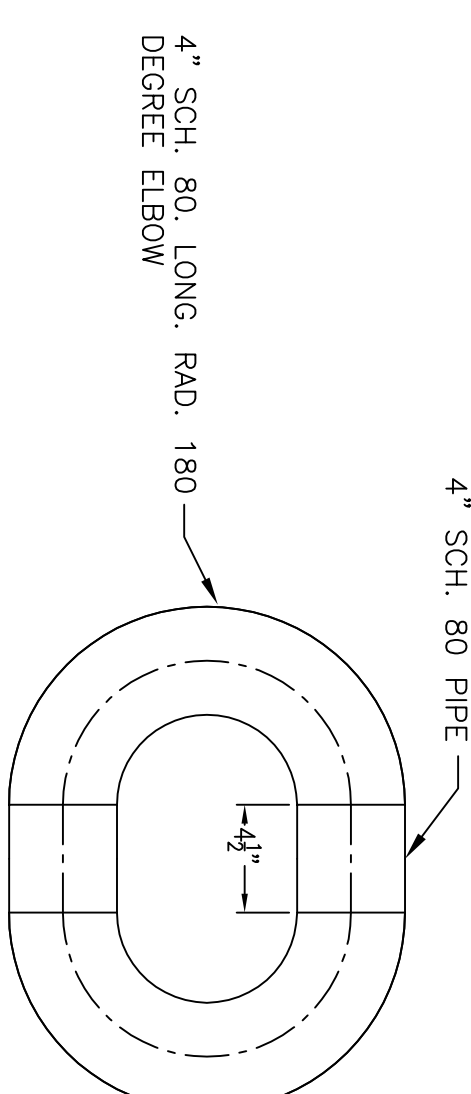
MAIN CLEAT PLAN VIEW



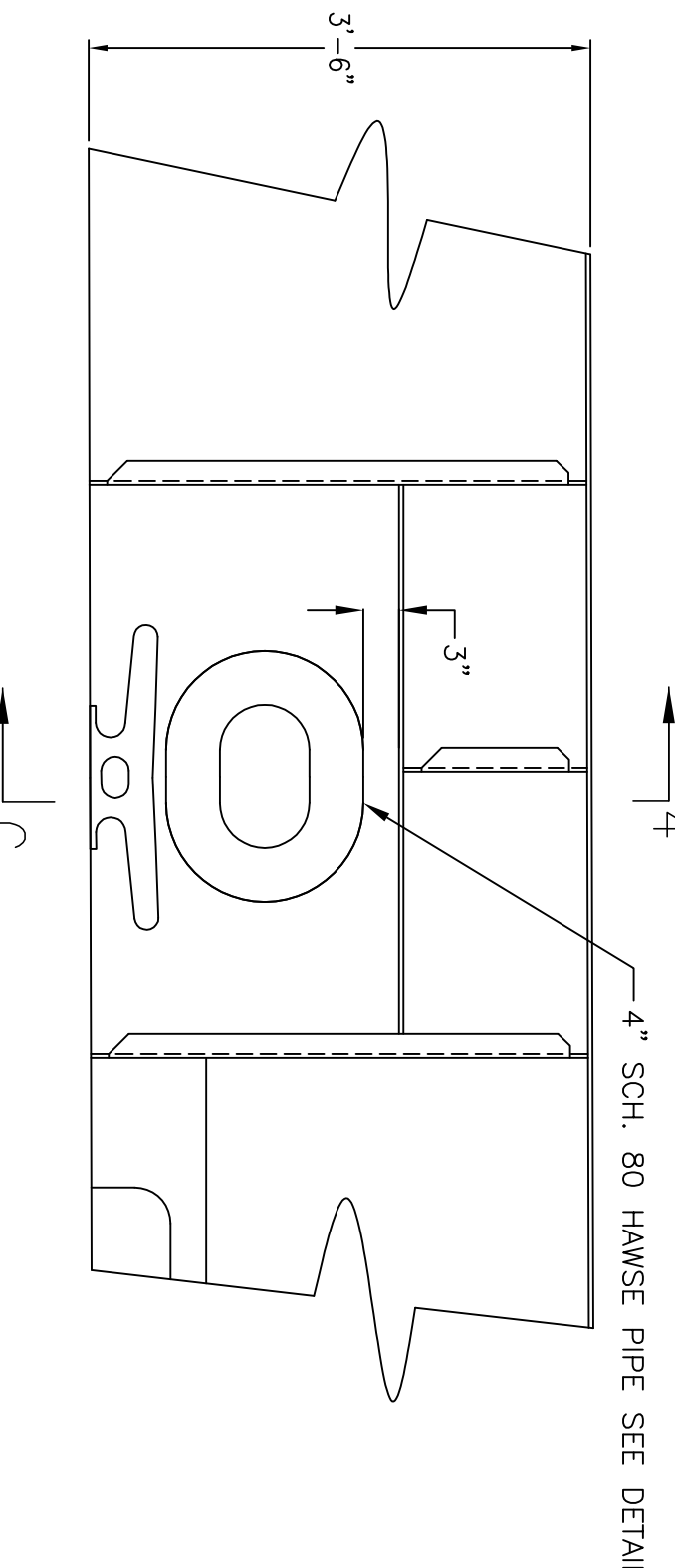
## PLAN VIEW GATE BOLT ASSEMBLY



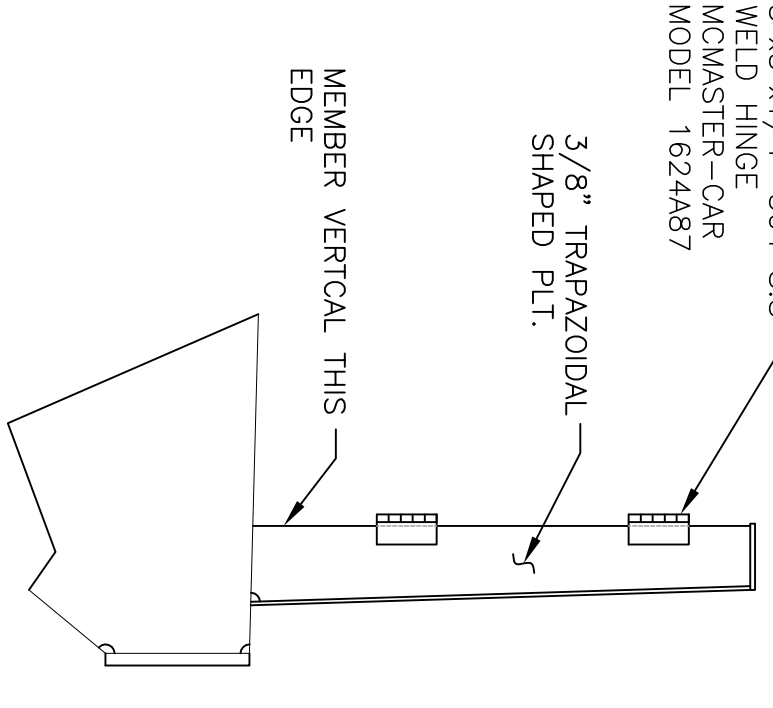
## PROFILE VIEW GATE BOLT ASSEMBLY



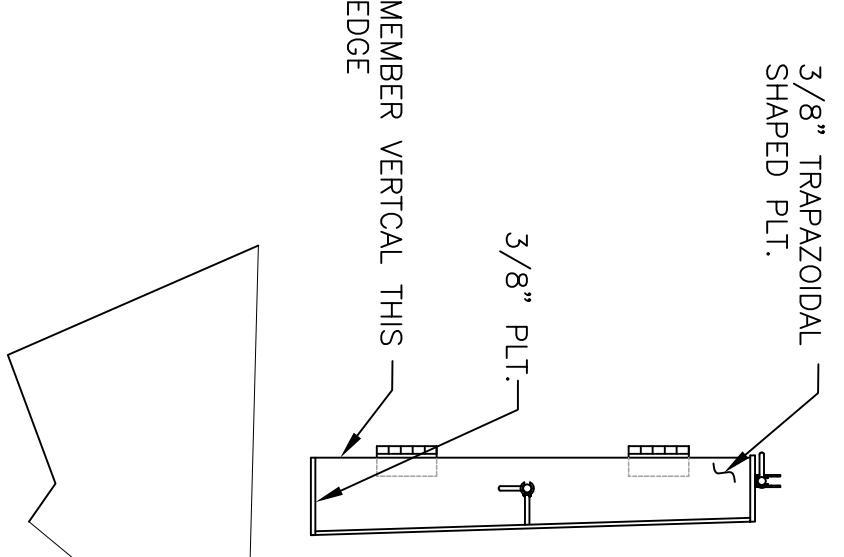
SCALE 1 1/2"=1'-0"



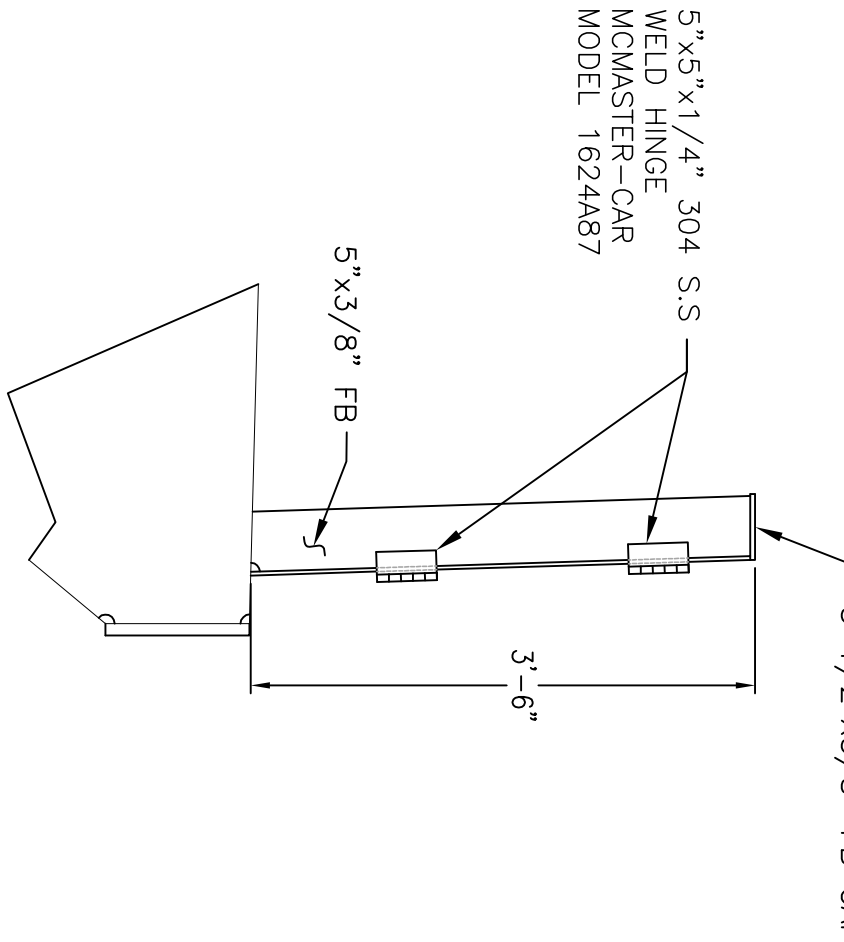
### PROFILE VIEW OF HAWSE PIPE AND BULWARK



SECTION 3-D2  
SCALE 3/4" = 1'-0"

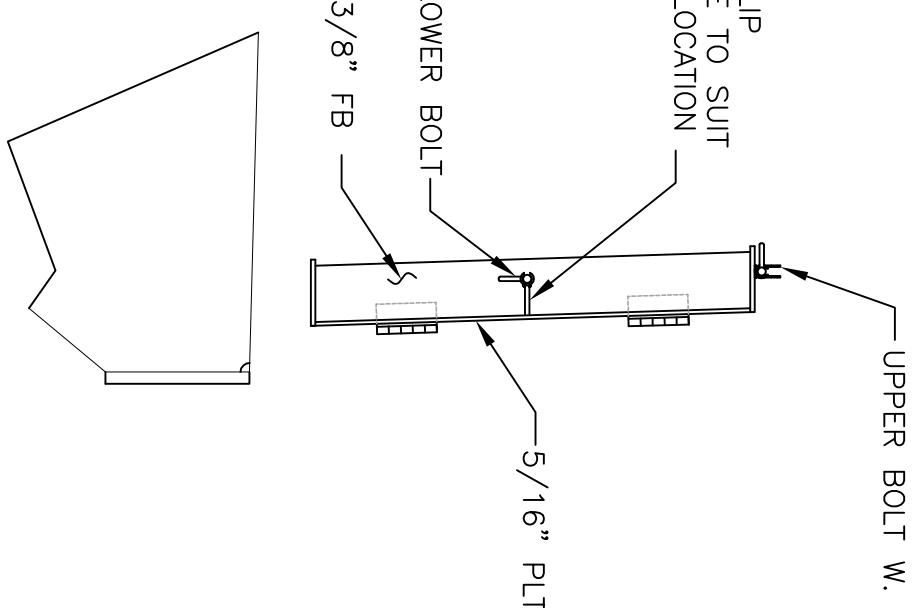


SECTION 3-D1  
SCALE 3/4" = 1'-0"

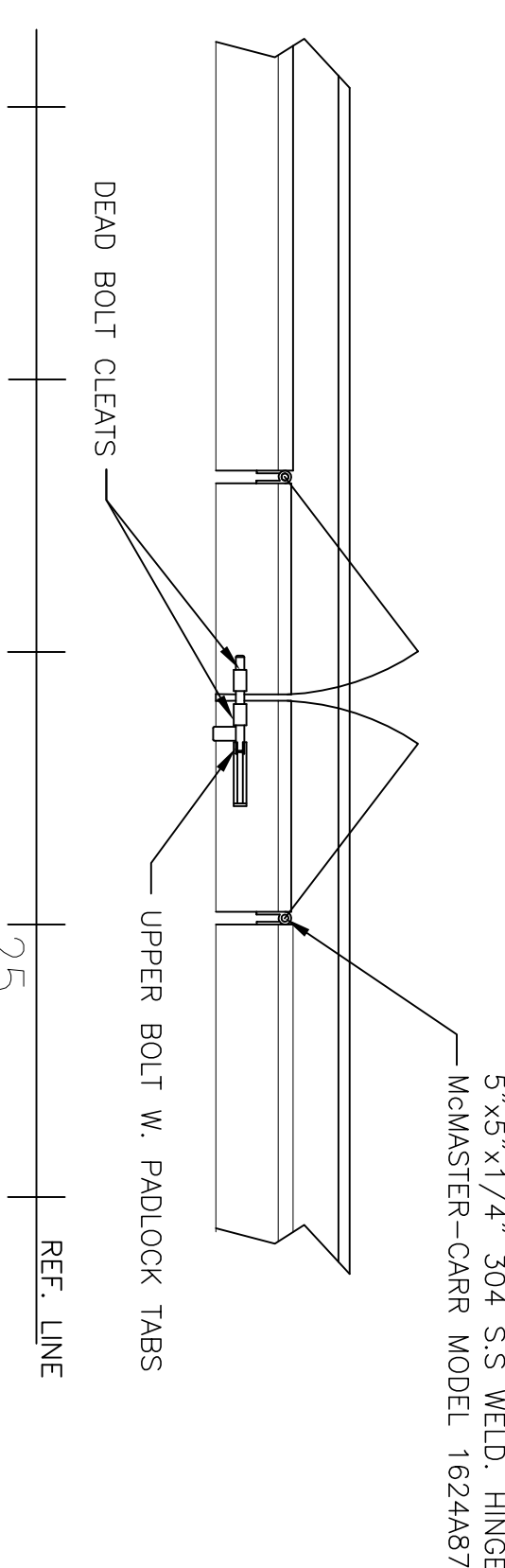


SECTION 2-D2

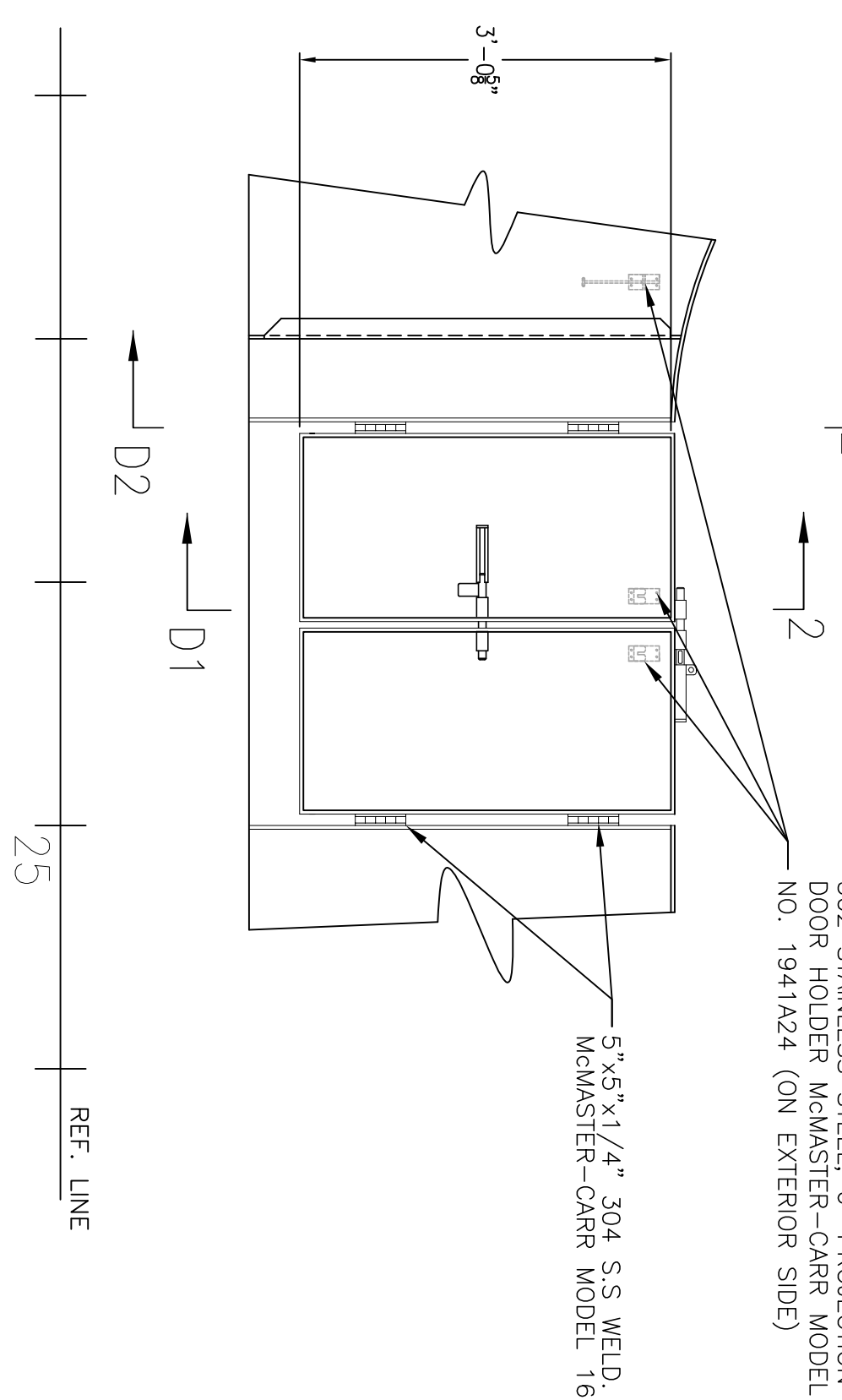
SCALE 3/4" = 1'-0"



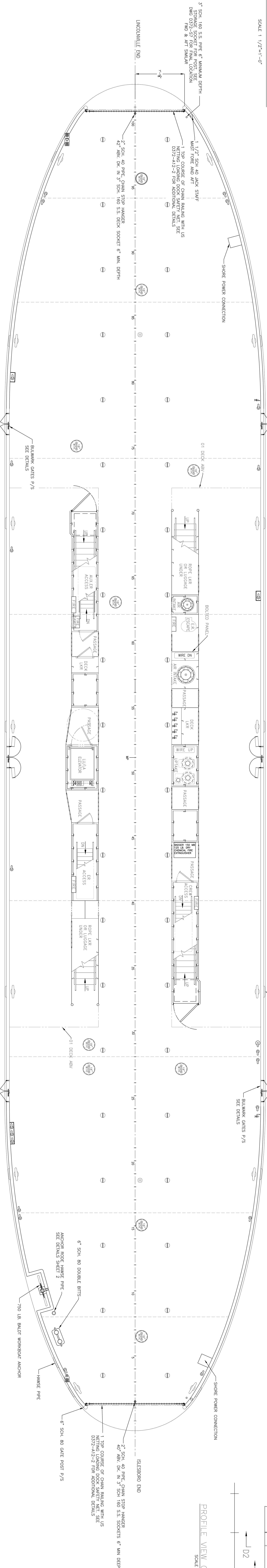
SECTION 2-D1  
SCALE 3/4" = 1'-0"



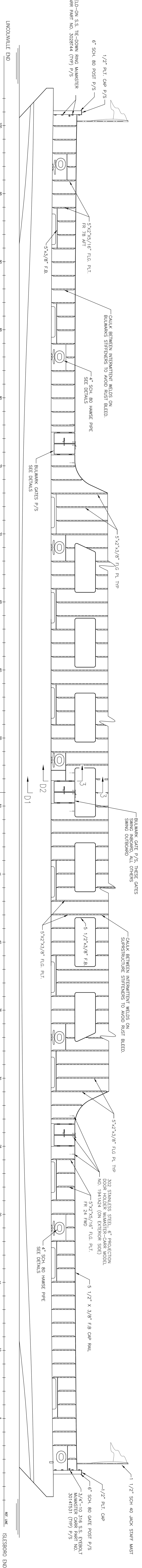
PLAN VIEW OF BULWARK GATE




PROFILE VIEW OF BULWARK GATE



PLAN VIEW OF MOORING FITTINGS AND GATE LOCATIONS



### PLAN VIEW OF MOORING FITTINGS AND GATE LOCATIONS

0	ISSUED FOR BID	11/8/24	EC
ALT	DESCRIPTION	DATE	NAME
<p>THIS PLAN IS THE PROPERTY OF GILBERT ASSOCIATES, INC., AND IS LOANED ON THE CONDITION THAT IT WILL NOT BE USED AGAINST THEIR BEST INTERESTS, NEITHER WILL IT BE REPRODUCED IN WHOLE OR IN PART THEREOF, AND IT WILL BE RETURNED IMMEDIATELY UPON DEMAND.</p>			
<p><b>GILBERT ASSOCIATES, INC.</b></p>			
<p>NAVAL ARCHITECTS MARINE ENGINEERS</p>			
			
<p>100 GROSSMAN DRIVE BRAINTREE, MA 02186</p>			

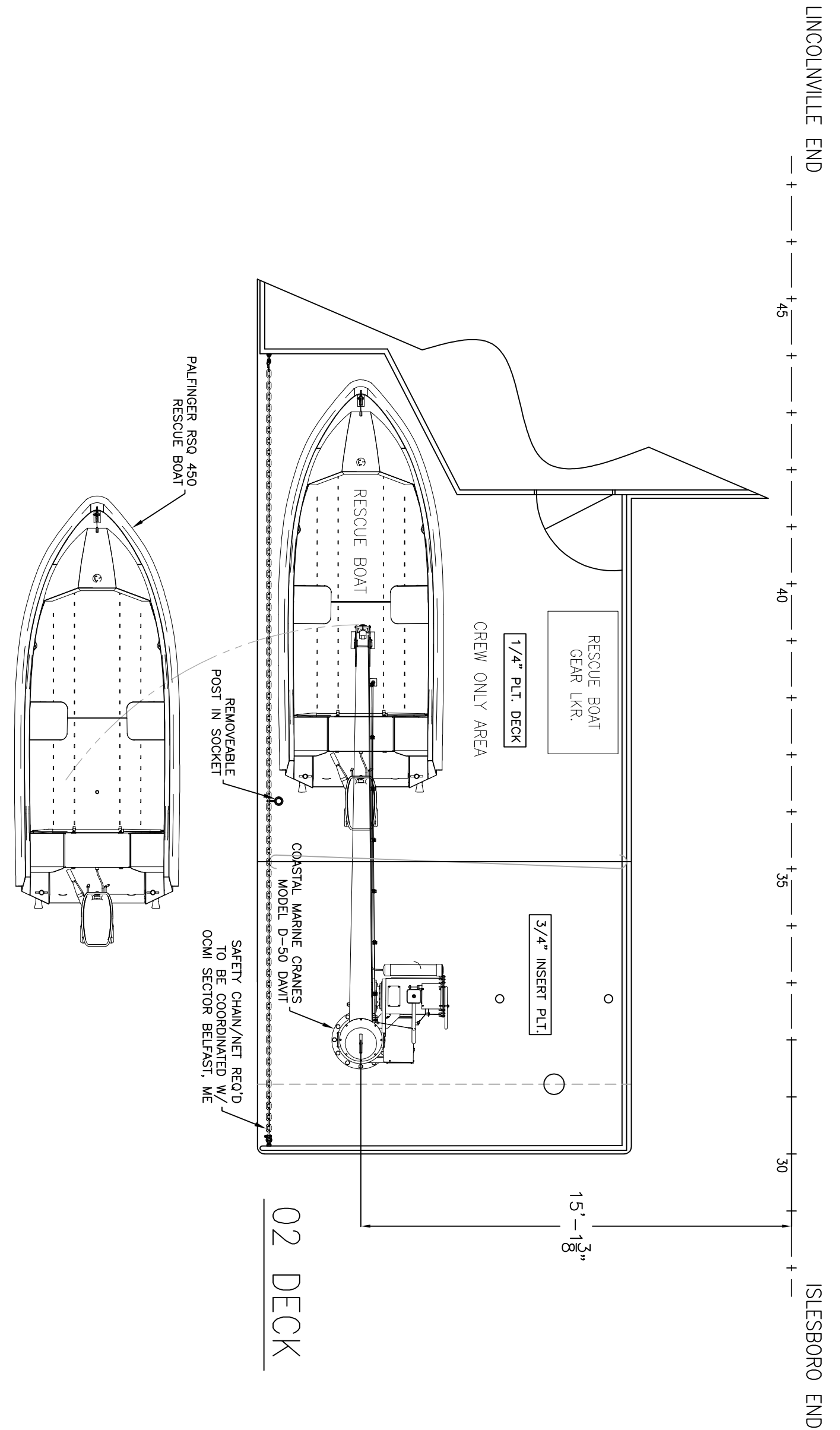
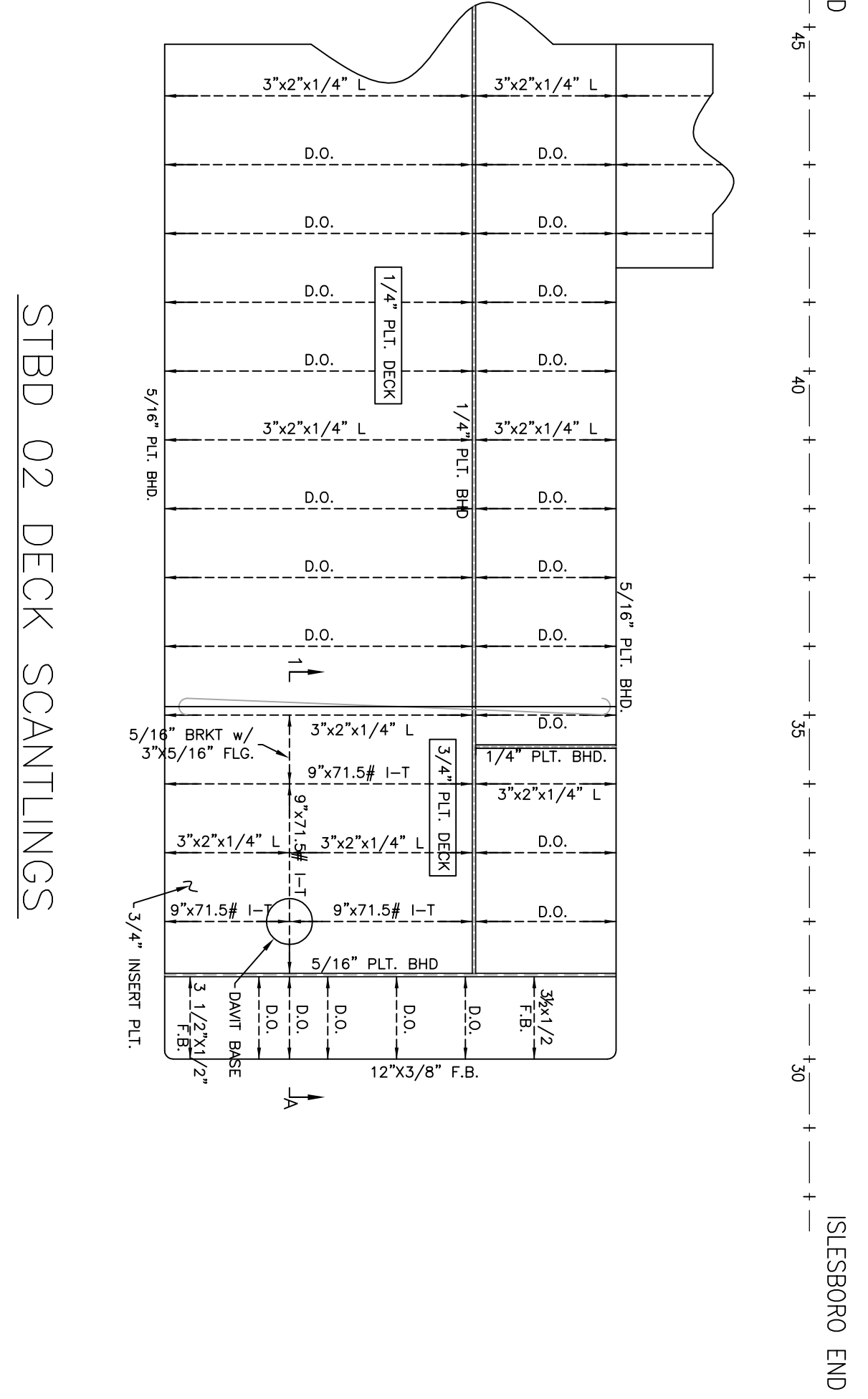
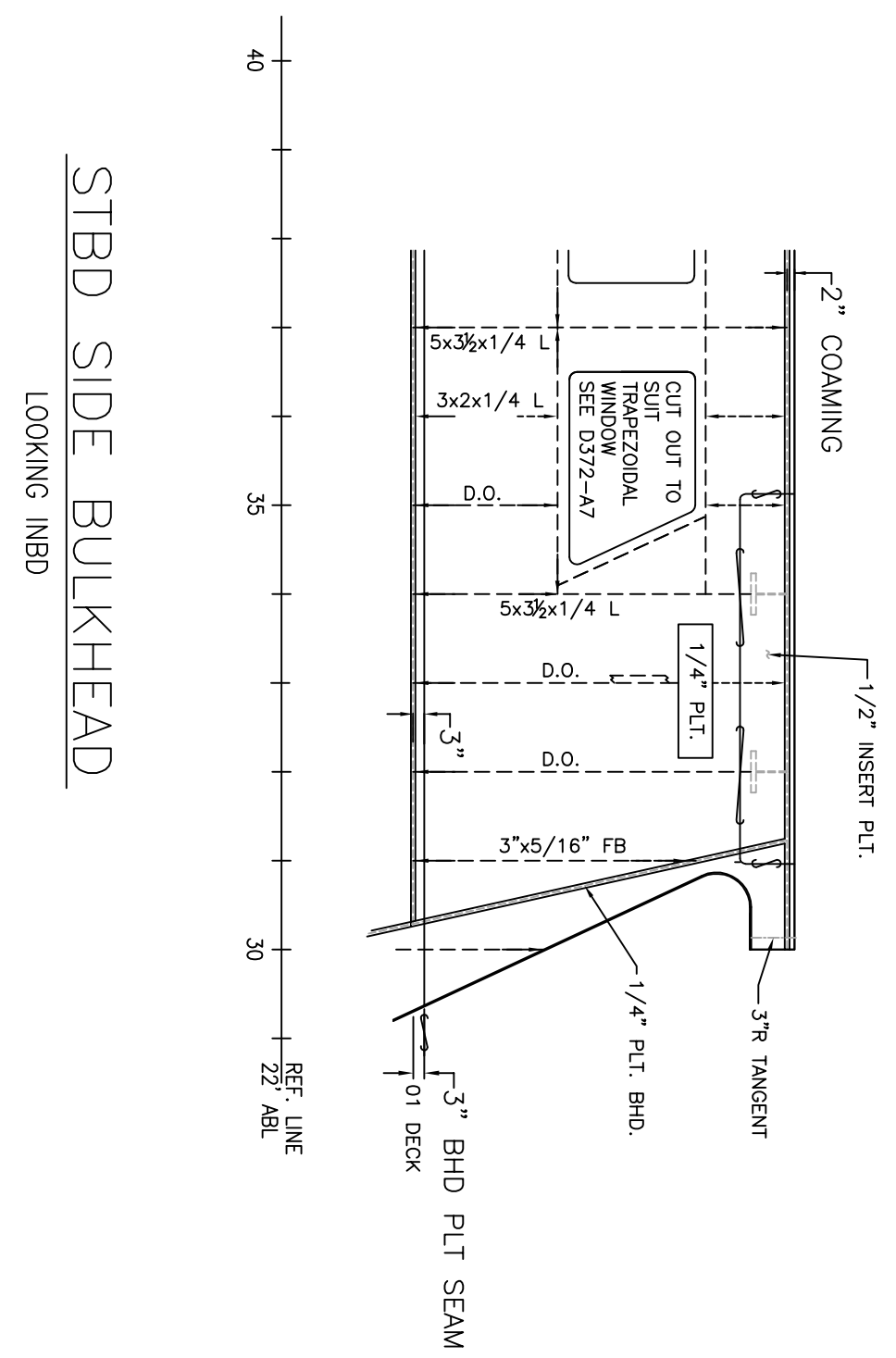
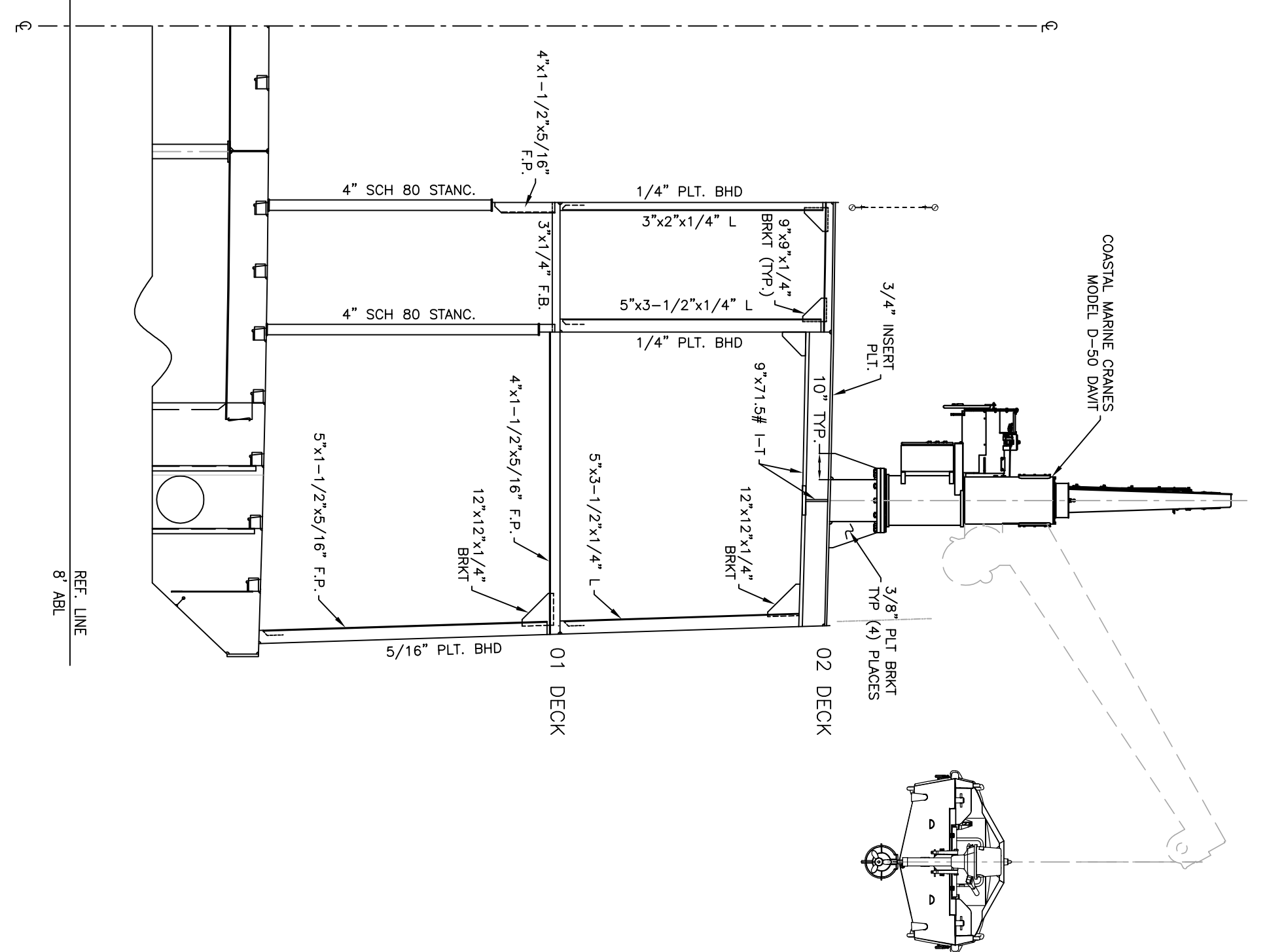
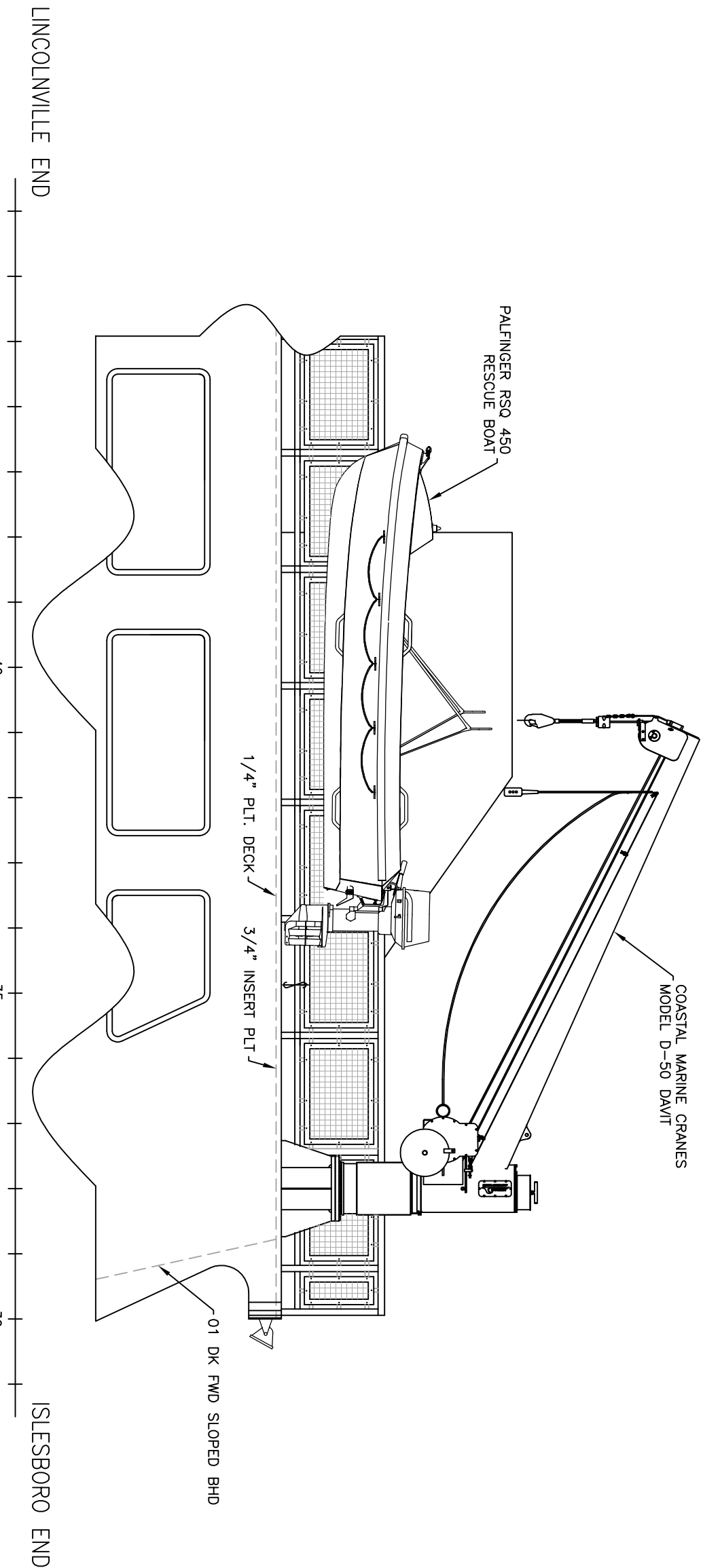
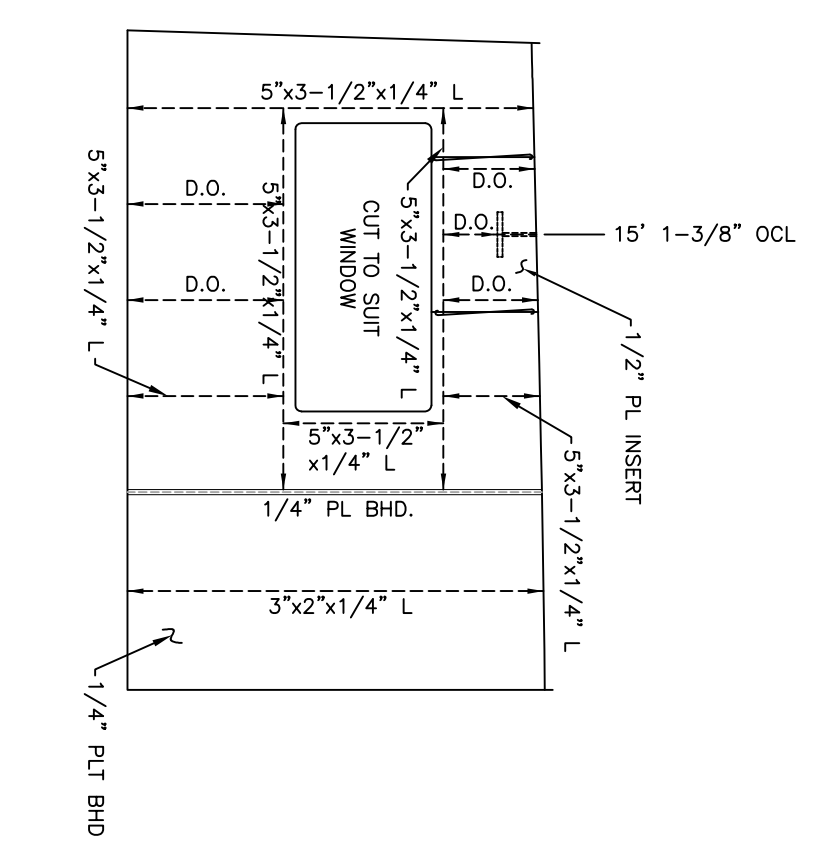
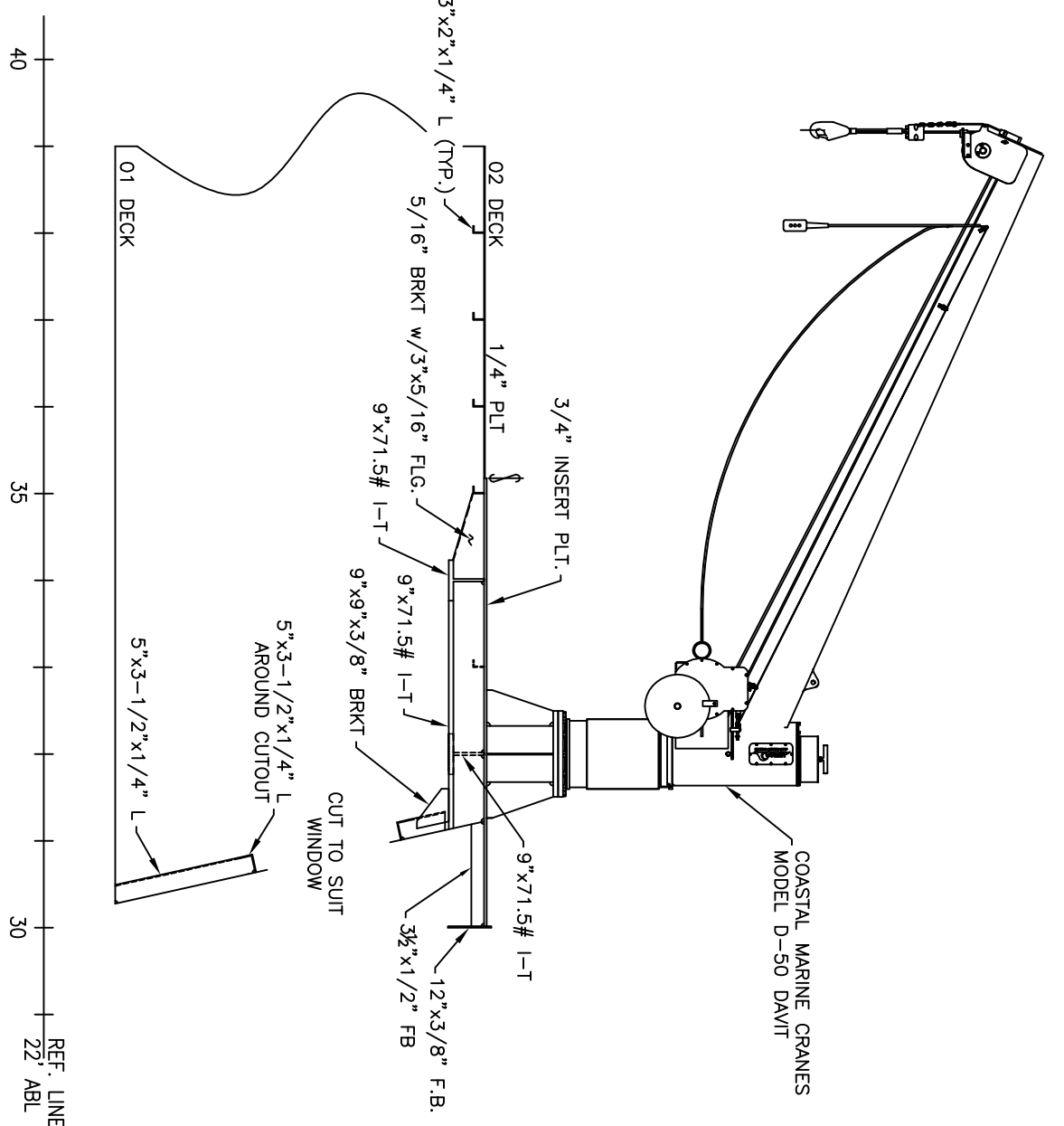
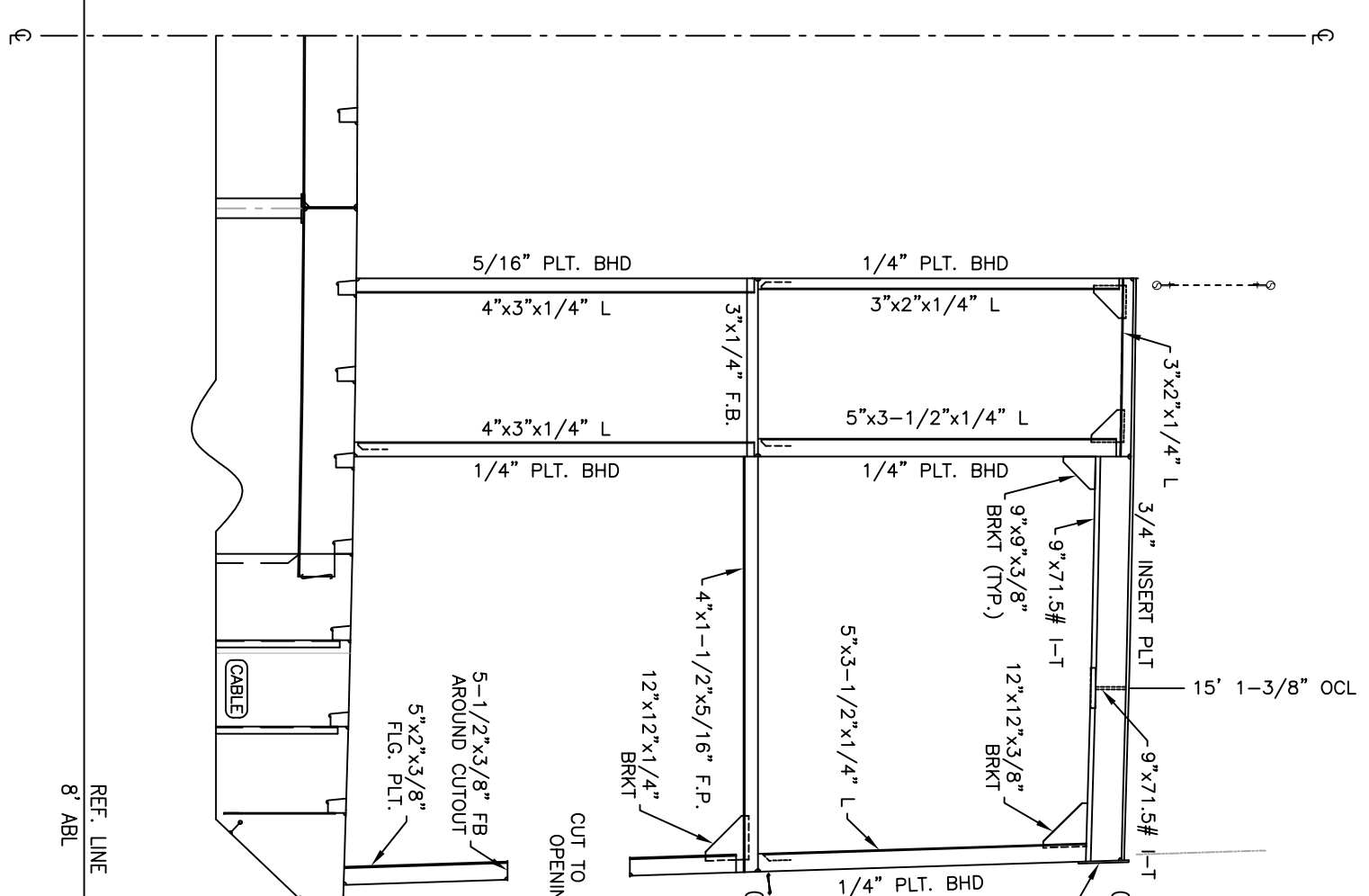
FERRY

## MOORING AND BULWARK ARRANGEMENTS AND DETAILS

BY KVC	DATE 8/14/24
DBY	DATE

SHEET 1 OF 2	DWG. NO. D372-A12-1	ALT. 0
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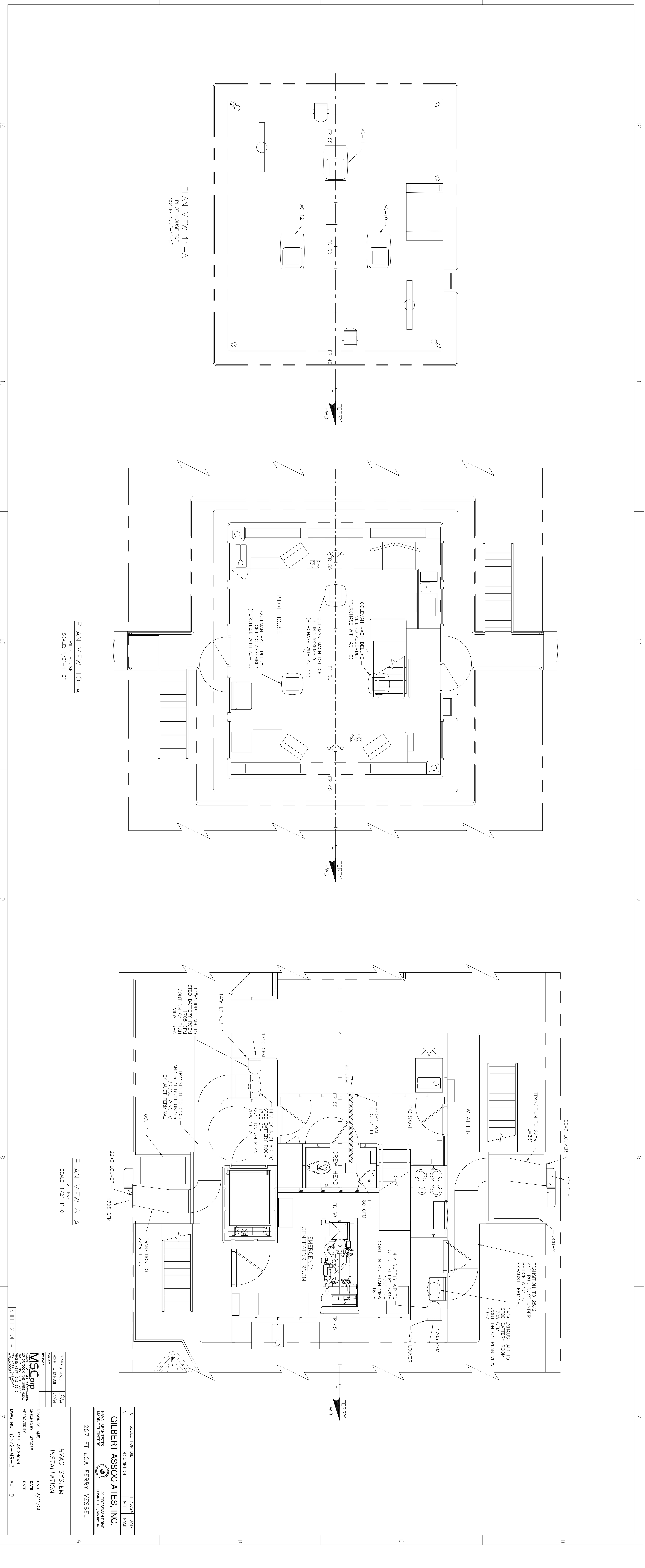
0	ISSUED FOR NO.	DATE	NAME
1	17/1/24	MR	

**GILBERT ASSOCIATES, INC.**  
NAVAL ARCHITECTS  
MARINE ENGINEERS  
100 GROSSMAN DRIVE  
BRANTREE, MA 02824

**207 FT. LOA FERRY VESSEL**

**RESCUE BOAT DAVIT  
ARRANGEMENT & STRUCTURE**

DRAWN BY: **JMG** DATE: 2/16/2024  
CHECKED BY: **JMG** DATE: 8/17/24  
APPROVED BY: DATE: \_\_\_\_\_  
SCALE: 1/4" = 1'-0"  
DWG. NO. **D372-M5** ALT. 0



0	ISSUED FOR BID	11/8/24	AMR
ALT	DESCRIPTION	DATE	NAME
0	207 FT LOA FERRY VESSEL		
1	HVAC SYSTEM INSTALLATION		
2	DATE 8/29/24		
3	CHECKED BY MSCorp		
4	APPROVED BY DATE		
5	SCALE AS SHOWN		
6	DWG. NO. D372-M9-2		
7	ALT. 0		

PROJECT	207 FT LOA FERRY VESSEL
DESIGNER	MSCorp
DATE	8/29/24
CHECKED BY	MSCorp
APPROVED BY	DATE
SCALE	AS SHOWN
DWG. NO.	D372-M9-2
ALT.	0

PROJECT	207 FT LOA FERRY VESSEL
DESIGNER	MSCorp
DATE	8/29/24
CHECKED BY	MSCorp
APPROVED BY	DATE
SCALE	AS SHOWN
DWG. NO.	D372-M9-2
ALT.	0

PROJECT	207 FT LOA FERRY VESSEL
DESIGNER	MSCorp
DATE	8/29/24
CHECKED BY	MSCorp
APPROVED BY	DATE
SCALE	AS SHOWN
DWG. NO.	D372-M9-2
ALT.	0

PROJECT	207 FT LOA FERRY VESSEL
DESIGNER	MSCorp
DATE	8/29/24
CHECKED BY	MSCorp
APPROVED BY	DATE
SCALE	AS SHOWN
DWG. NO.	D372-M9-2
ALT.	0

PROJECT	207 FT LOA FERRY VESSEL
DESIGNER	MSCorp
DATE	8/29/24
CHECKED BY	MSCorp
APPROVED BY	DATE
SCALE	AS SHOWN
DWG. NO.	D372-M9-2
ALT.	0

PROJECT	207 FT LOA FERRY VESSEL
DESIGNER	MSCorp
DATE	8/29/24
CHECKED BY	MSCorp
APPROVED BY	DATE
SCALE	AS SHOWN
DWG. NO.	D372-M9-2
ALT.	0

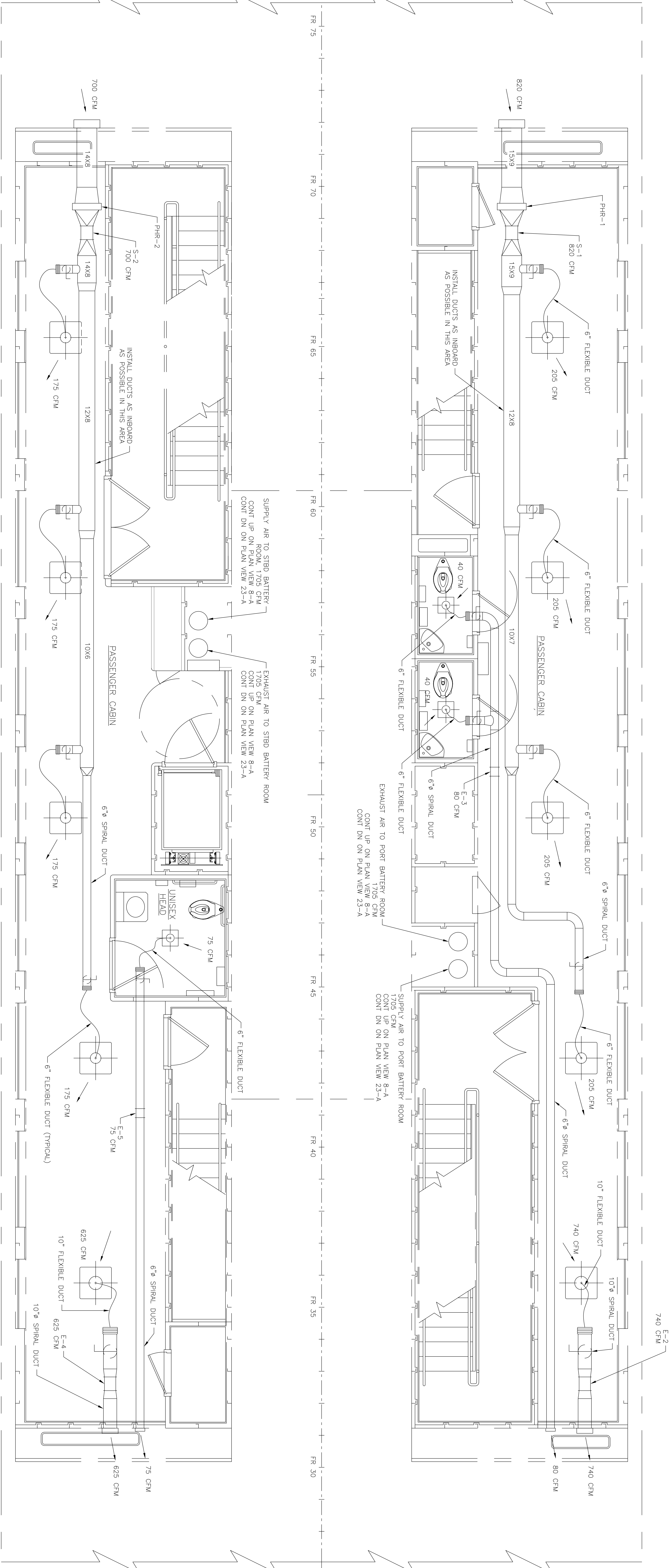
PROJECT	207 FT LOA FERRY VESSEL
DESIGNER	MSCorp
DATE	8/29/24
CHECKED BY	MSCorp
APPROVED BY	DATE
SCALE	AS SHOWN
DWG. NO.	D372-M9-2
ALT.	0

PROJECT	207 FT LOA FERRY VESSEL
DESIGNER	MSCorp
DATE	8/29/24
CHECKED BY	MSCorp
APPROVED BY	DATE
SCALE	AS SHOWN
DWG. NO.	D372-M9-2
ALT.	0

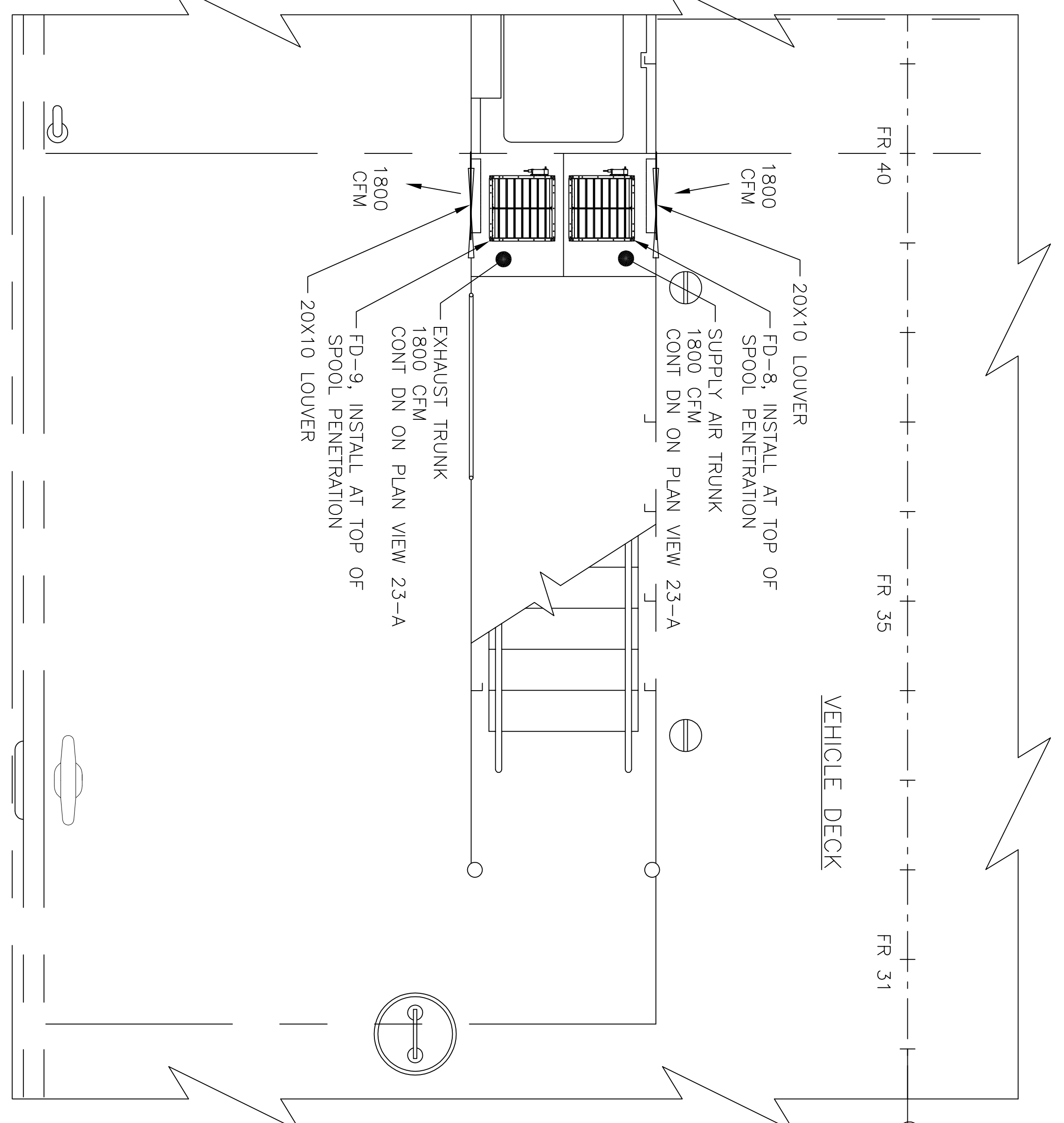
PROJECT	207 FT LOA FERRY VESSEL
DESIGNER	MSCorp
DATE	8/29/24
CHECKED BY	MSCorp
APPROVED BY	DATE
SCALE	AS SHOWN
DWG. NO.	D372-M9-2
ALT.	0

PROJECT	207 FT LOA FERRY VESSEL
DESIGNER	MSCorp
DATE	8/29/24
CHECKED BY	MSCorp
APPROVED BY	DATE
SCALE	AS SHOWN
DWG. NO.	D372-M9-2
ALT.	0

PROJECT	207 FT LOA FERRY VESSEL
DESIGNER	MSCorp
DATE	8/29/24
CHECKED BY	MSCorp
APPROVED BY	DATE
SCALE	AS SHOWN
DWG. NO.	D372-M9-2
ALT.	0



PLAN VIEW 16-A  
01 DECK  
SCALE: 1/2"=1'-0"



PLAN VIEW 13-B  
VEHICLE DECK  
SCALE: 1/2"=1'-0"

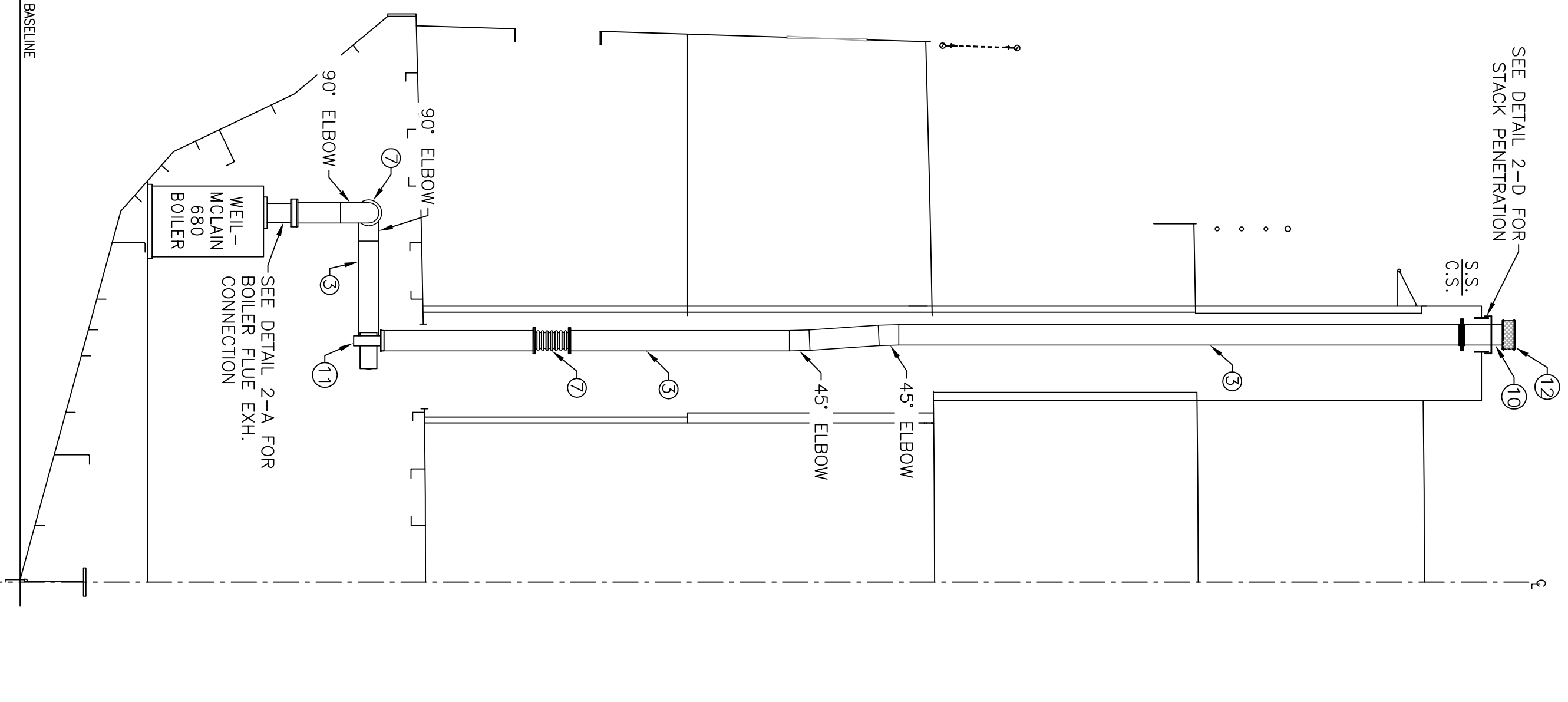
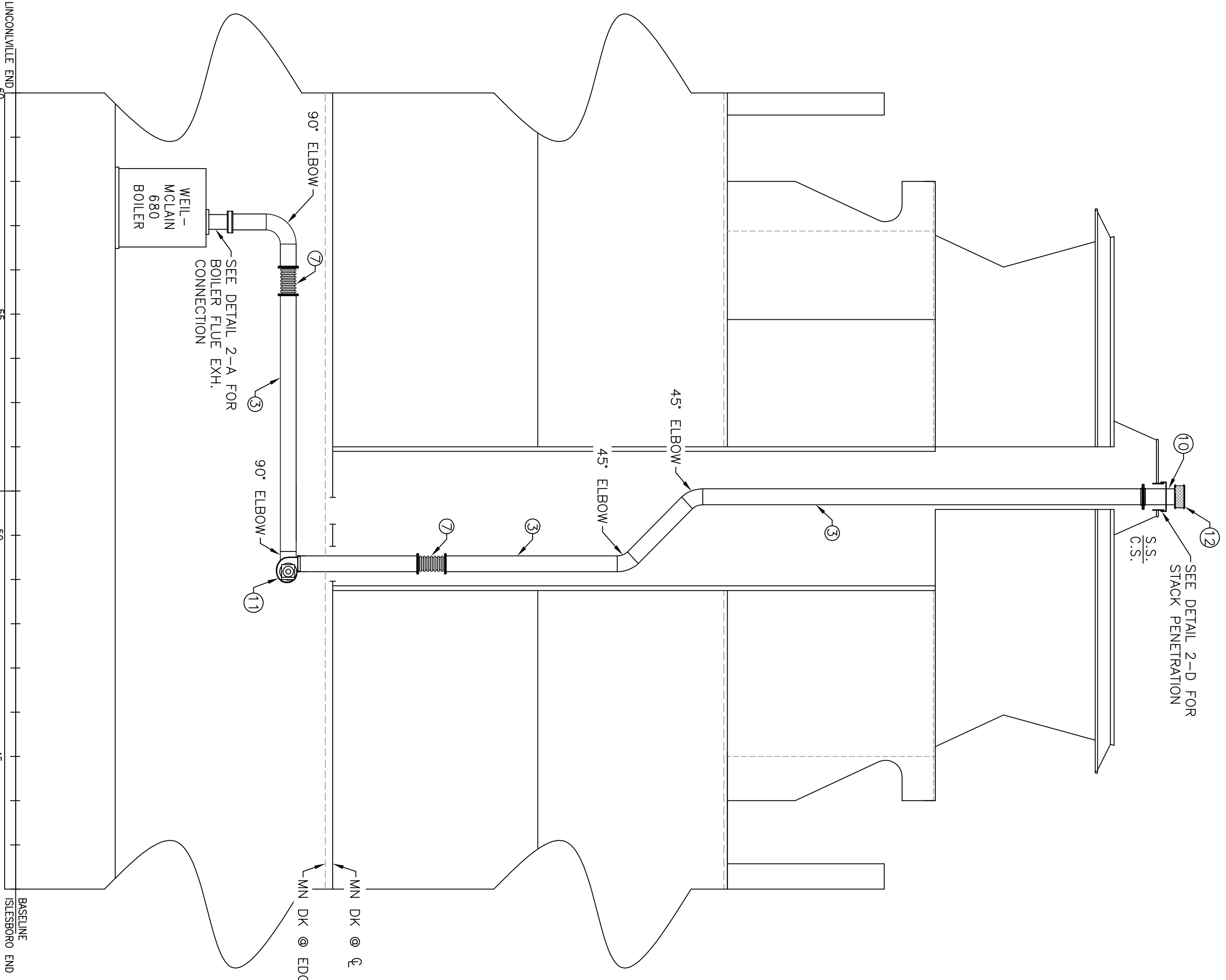
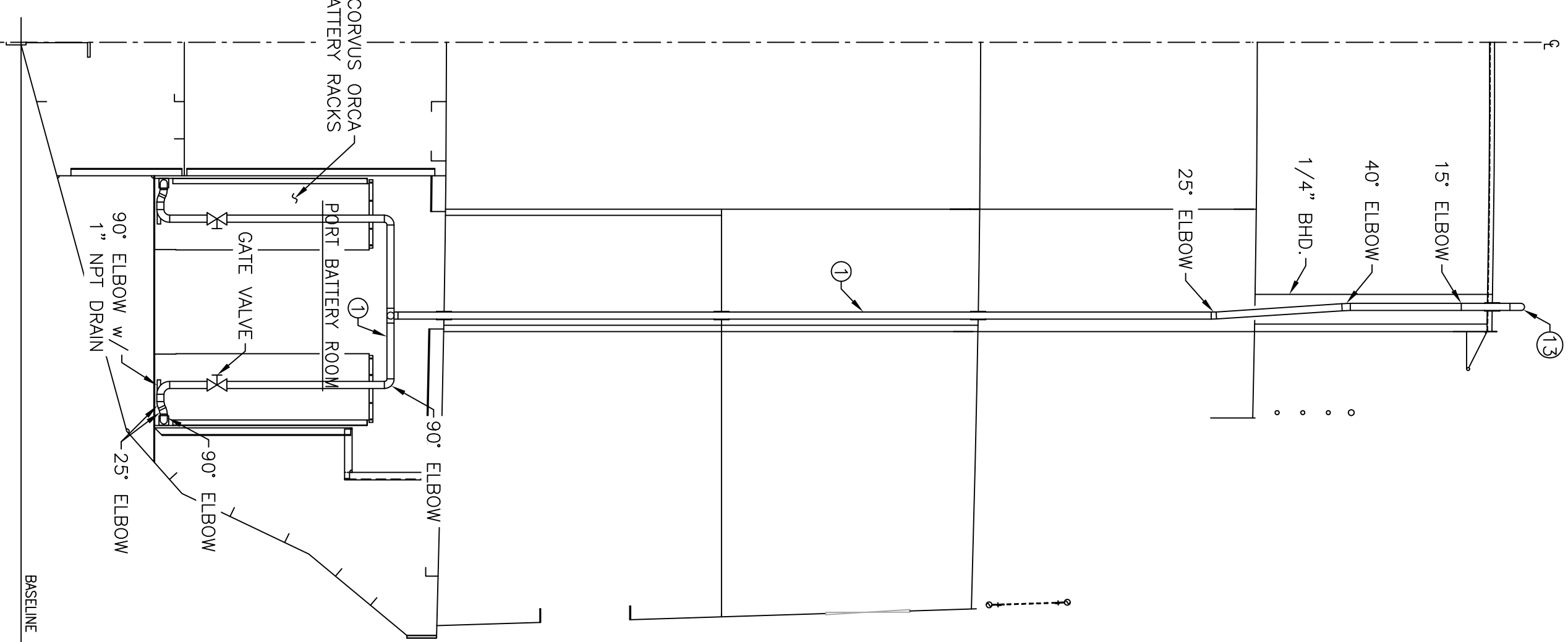
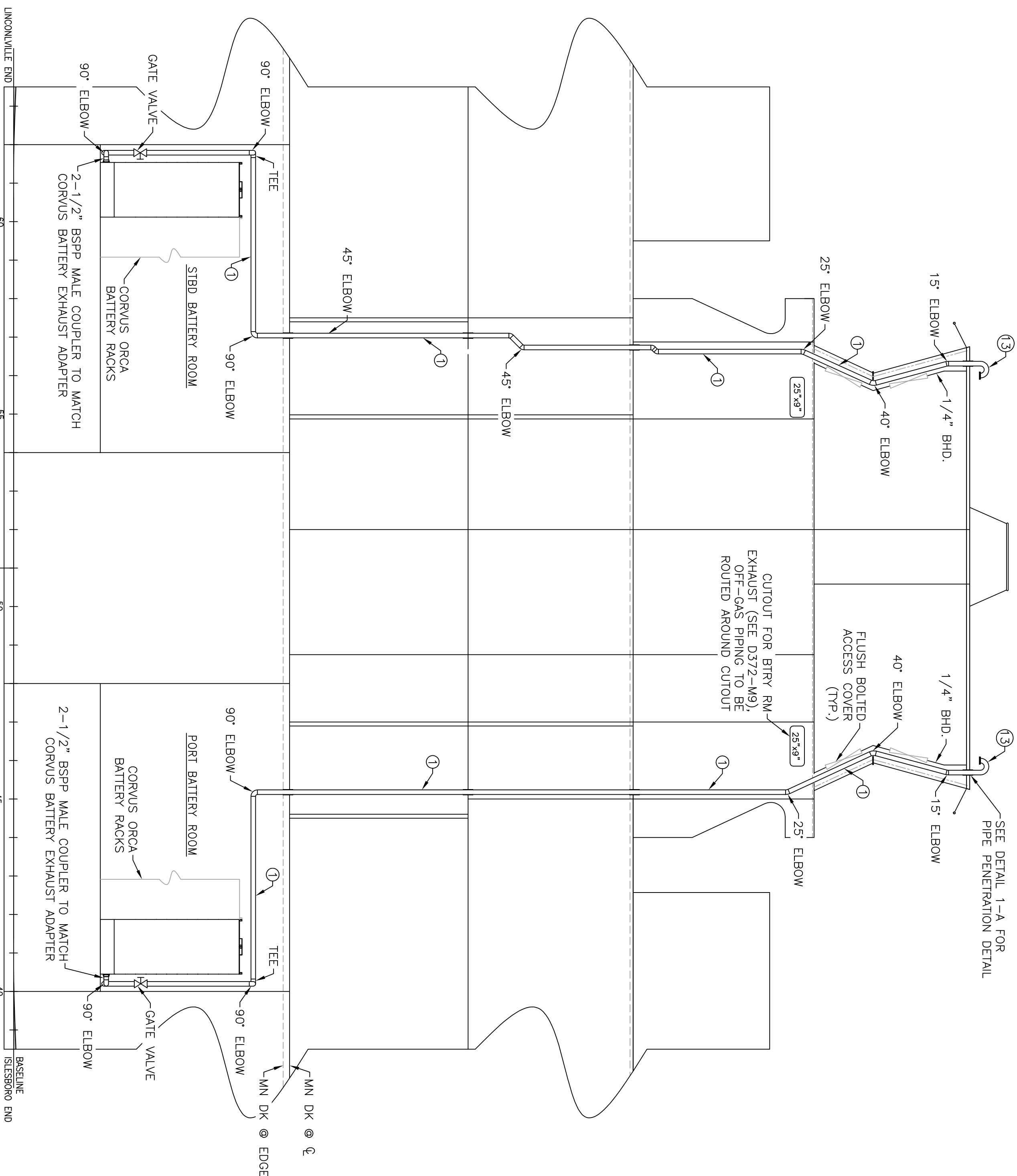
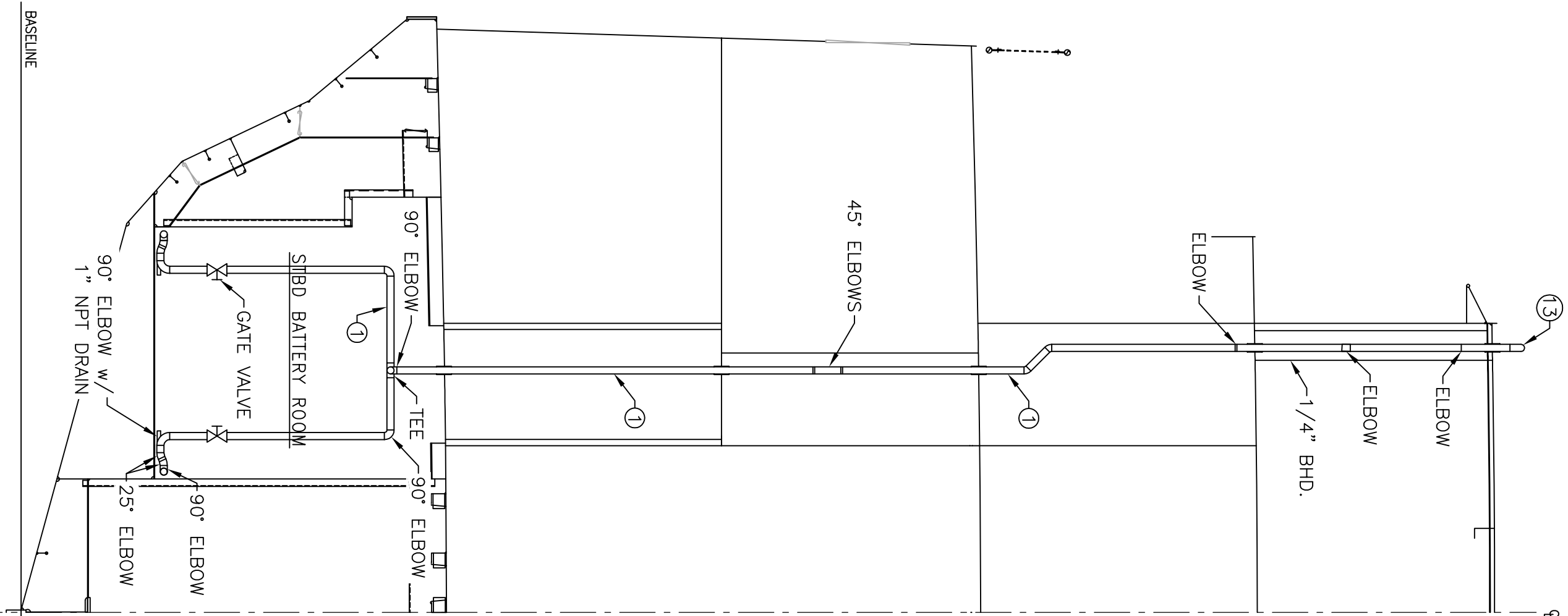
0	ISSUED FOR BID	11/6/24	AMR
ALT	DESCRIPTION	DATE	NAME
GILBERT ASSOCIATES, INC.			
NAA ARCHITECTS			
MARINE ENGINEERS			
100 GROSSMAN DRIVE			
BRANTFORD, MA 02544			
207 FT LOA FERRY VESSEL			
HVAC SYSTEM			
INSTALLATION			
DRAWN BY AMR		DATE 8/29/24	
CHECKED BY MSCORP		DATE	
APPROVED BY		DATE	
SCALE AS SHOWN		DATE	
DWG. NO. D372-M9-3		ALT. 0	

PREPARED BY A. MESSO	8/7/24
CHECKED BY E. JOHNSON	8/7/24
DRAWN BY AMR	
CHECKED BY MSCORP	
APPROVED BY	
SCALE AS SHOWN	
DWG. NO. D372-M9-3	

0	ISSUED FOR BID	11/6/24	AMR
ALT	DESCRIPTION	DATE	NAME
GILBERT ASSOCIATES, INC.			
NAA ARCHITECTS			
MARINE ENGINEERS			
100 GROSSMAN DRIVE			
BRANTFORD, MA 02544			
207 FT LOA FERRY VESSEL			
HVAC SYSTEM			
INSTALLATION			
DRAWN BY AMR		DATE 8/29/24	
CHECKED BY MSCORP		DATE	
APPROVED BY		DATE	
SCALE AS SHOWN		DATE	
DWG. NO. D372-M9-3		ALT. 0	



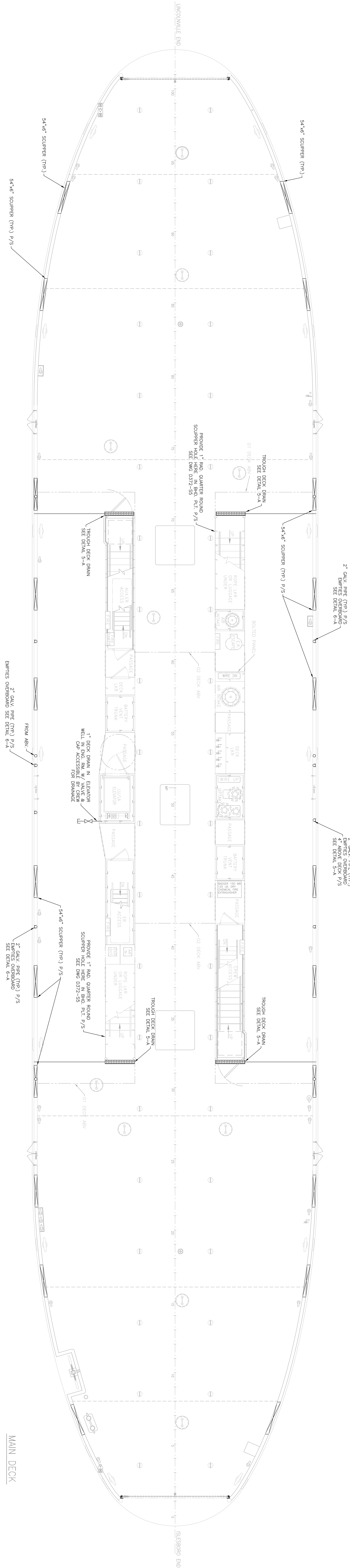




0	ISSUED FOR BID	11/7/24	ME
ALT	DESCRIPTION	DATE	NAME
	<b>GILBERT ASSOCIATES, INC.</b>		
	NAVAL ARCHITECTS		
	100 GROSSMAN DRIVE		
	BRANTREE, MA 01904		
	<b>207 FT LOA FERRY VESSEL</b>		
	<b>MAINE DOT</b>		
	<b>EXHAUST ARRANGEMENT</b>		
	<b>AND DETAILS</b>		
	DRAWN BY <b>ME</b>	DATE <b>7/18/2024</b>	
	CHECKED BY <b>KJC</b>	DATE <b>8/10/24</b>	
	APPROVED BY	DATE	
	SCALE <b>1/4" = 1'-0"</b>		
	DWG. NO. <b>D372-P1-2</b>	ALT. <b>0</b>	

SHEET 2 OF 3

7



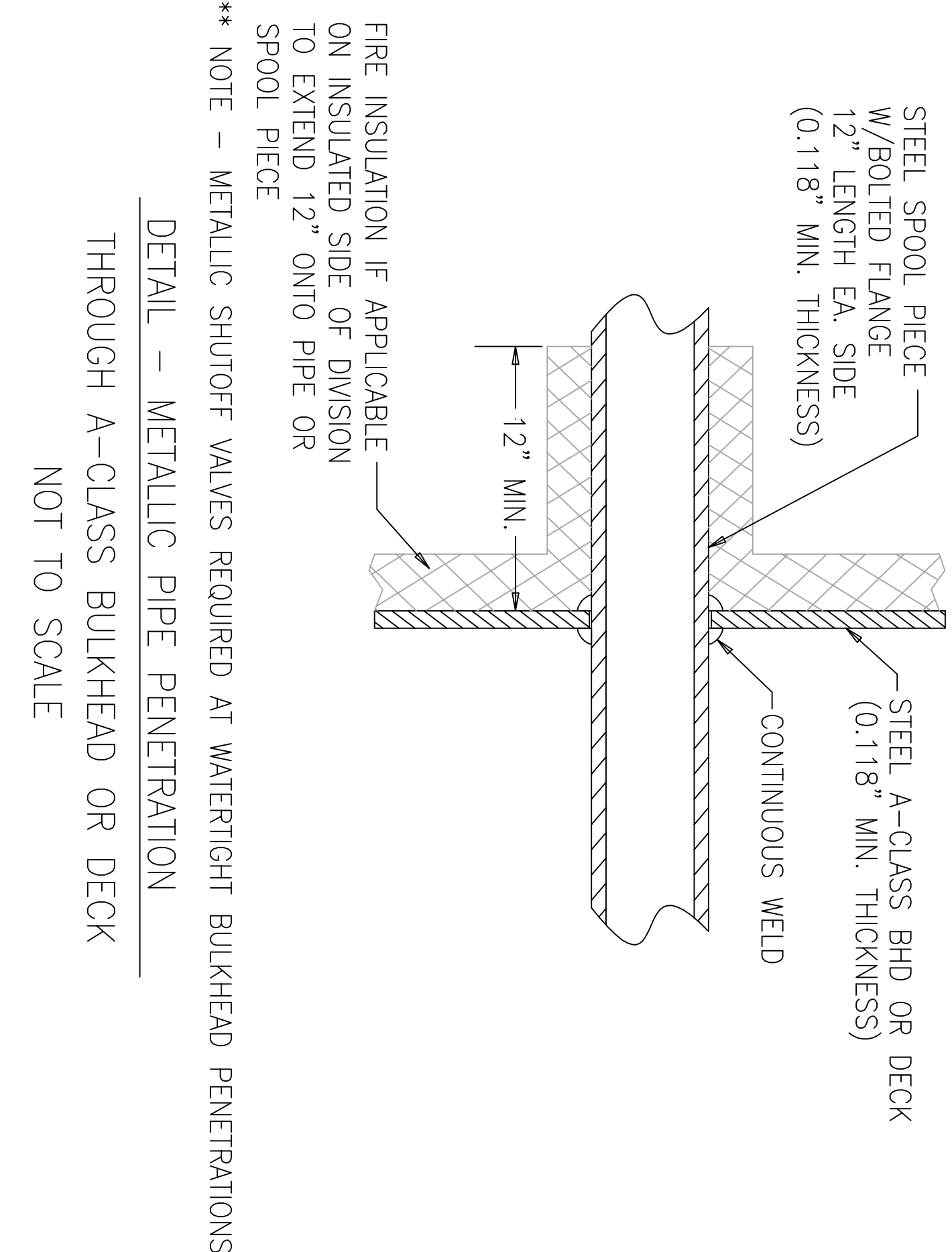
MAIN DECK

GENERAL NOTES

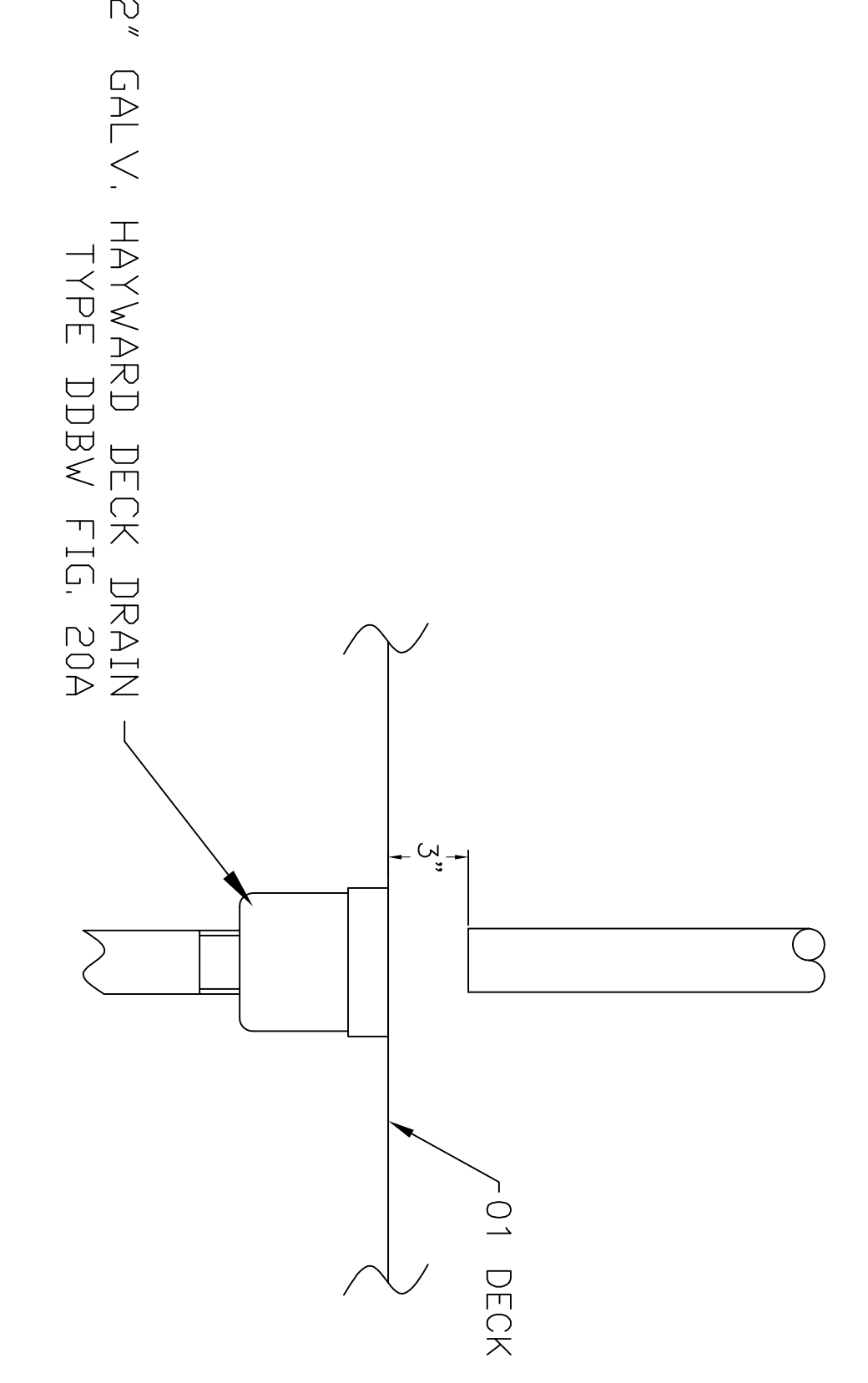
1. THIS DRAWING IS SCHEMATIC ONLY AND DOES NOT INTEND TO LOCATE ANY PIPING, FITTINGS EXCEPT IN GENERAL OR AS NOTED.
2. FINAL LOCATION OF ALL PIPE AND FITTINGS SHALL BE DETERMINED ON THE VESSEL, TO BEST SUIT INSTALLATION.
3. ALL HORIZONTAL PIPES SHALL BE INSTALLED WITH A SLOPE OF 1/4" PER FOOT.
4. THE DECK AND BULKHEAD PENETRATIONS SHALL HAVE 1/2" DOUBLER PLATES AROUND THE PIPING AND BE WELDED ON BOTH SIDES OF THE PENETRATION.
5. ALL DECK DRAINS SHALL BE HAYWARD GALV. DOBW TYPE FITTED WITH A REMOVABLE BRONZE OR REINFORCED PLASTIC STRAINER PLATE HAVING A FREE AREA OF AT LEAST TWICE THE AREA OF THE DRAIN PIPE. THE STRAINERS SHALL BE FLUSH WITH THE DECK.
6. ALL THE DECK DRAIN PIPES SHALL BE 316L S.S SCHEDULE 40 OR 80 PIPE.

SYMBOLS

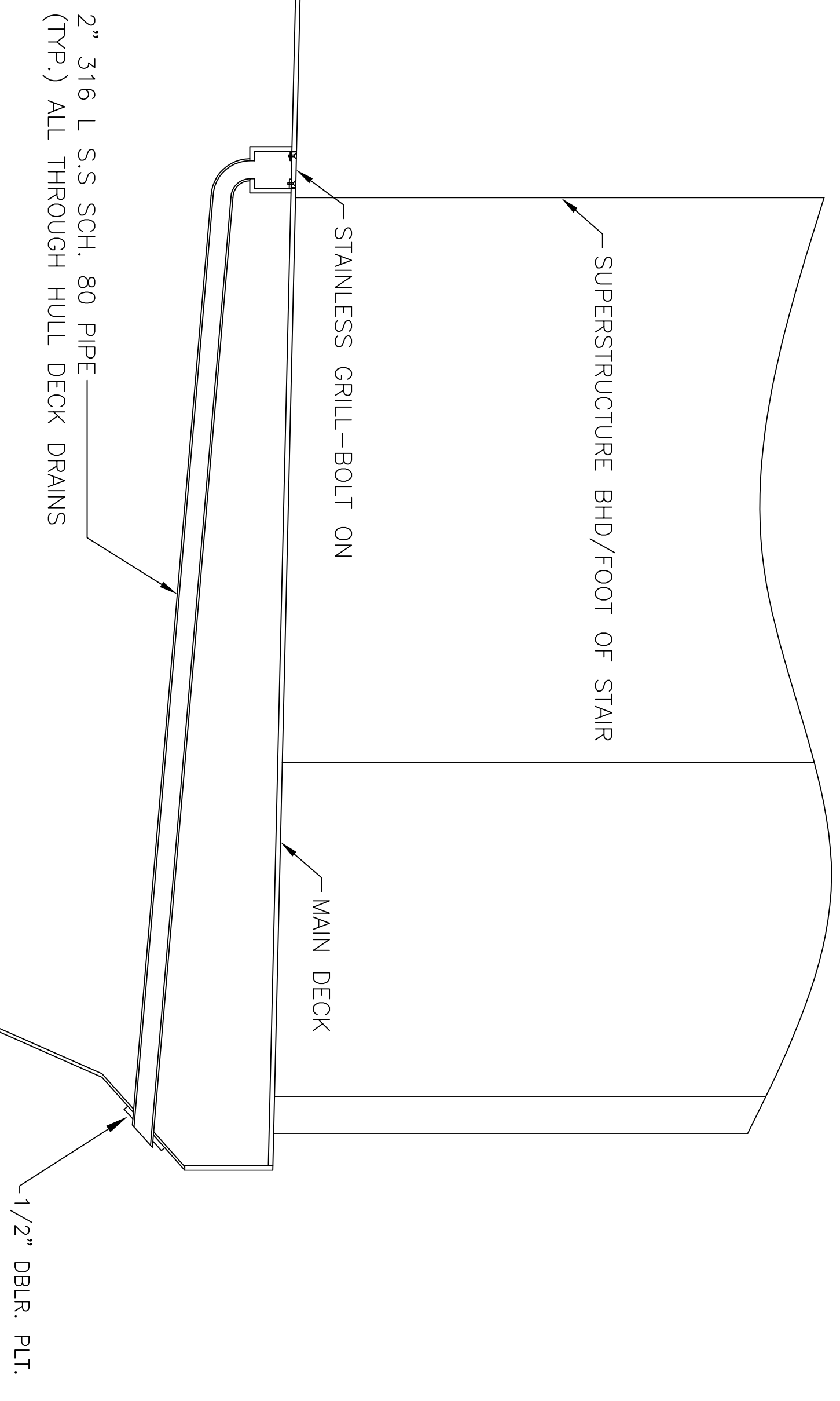
- DRAIN
- PIPE RUN DOWN
- PIPE RUN UP
- PIPE RUN UP & DOWN
- PIPE RUN OVERHEAD
- PIPE RUN BELOW DECK




DETAIL 4-A  
PIPE EMPTYING ABOVE DECK DRAIN  
NO SCALE



DETAIL 5-A  
TROUGH DECK DRAIN AT  
DOOR/STAIR  
NO SCALE



DETAIL 6-A  
OVERBOARD DISCHARGE  
NO SCALE

1		ISSUED FOR BO	1/18/24	KAC
ALT	DESCRIPTION		DATE	NAME
GILBERT ASSOCIATES, INC.				
NAVAL ARCHITECTS				
MARINE ENGINEERS				
				
100 GROSSMAN DRIVE BRANTFORD, MA 02024				
207 FT LOA FERRY VESSEL				
DECK DRAIN SCHEMATIC				
DRAWN BY: ON		DATE: 1/20/24		
CHECKED BY: KAC		DATE: 8/14/24		
APPROVED BY:		DATE:		
SCALE: 1/4"=1'-0" (10 PRINT)		DATE:		
DWG. NO. D372-P3-1		ALT. 0		



12

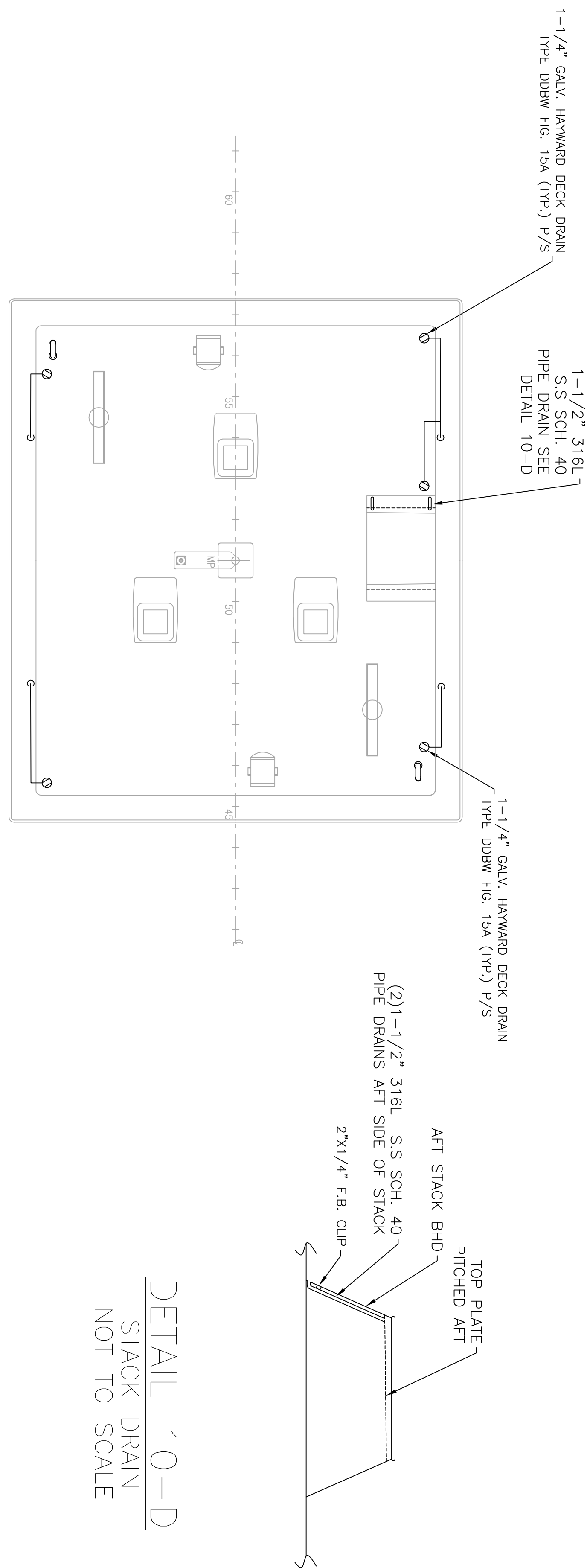
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PILOT HOUSE TOP

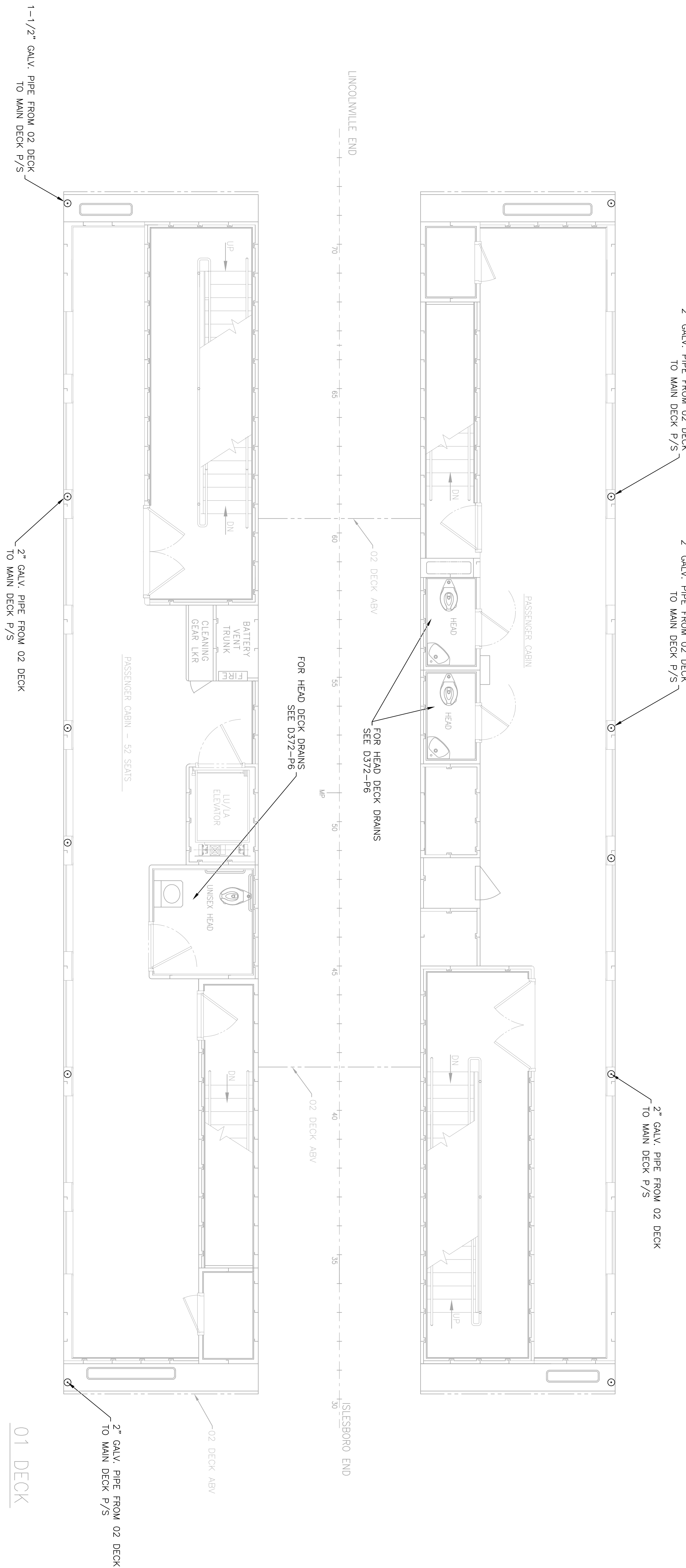
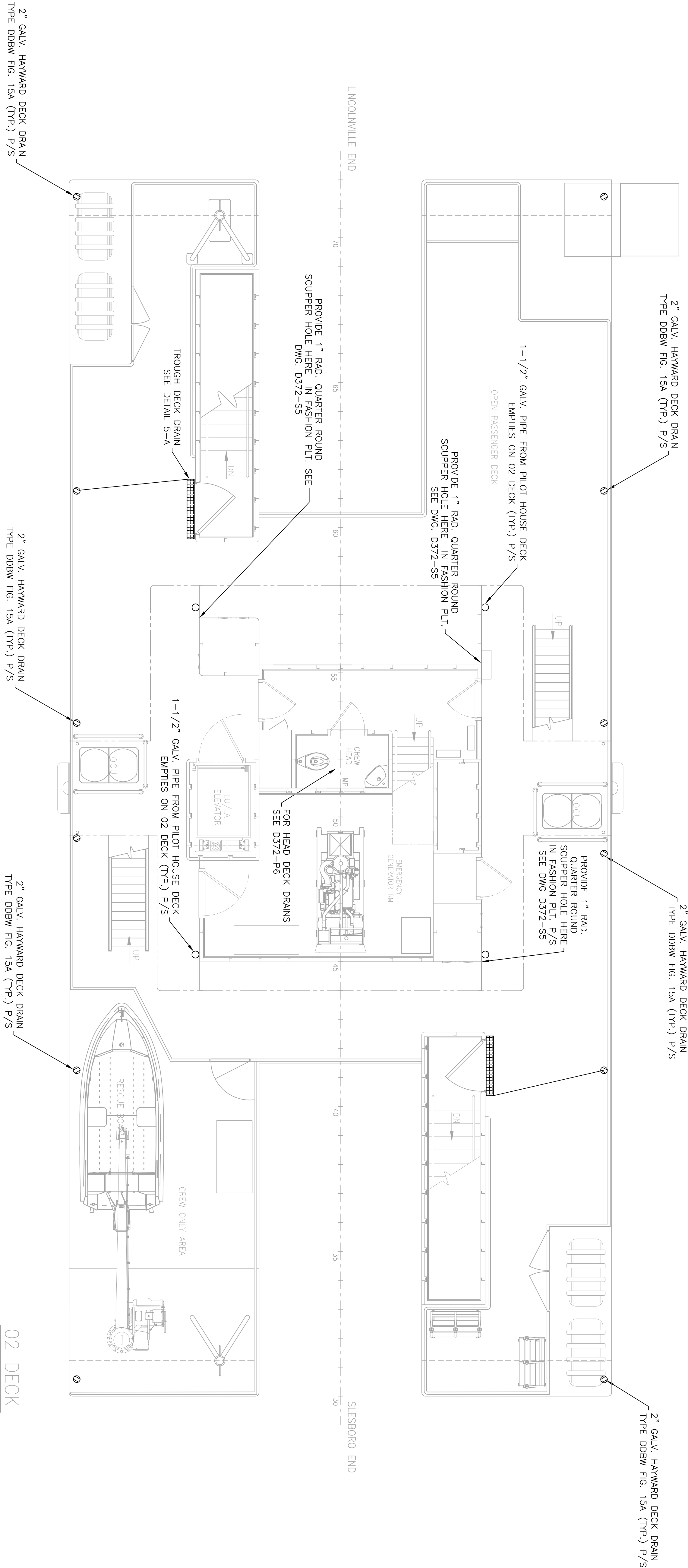
PILOT HOUSE DECK

GENERAL NOTES

- THIS DRAWING IS SCHEMATIC ONLY AND DOES NOT INTEND TO LOCATE ANY PIPING.
- FINAL LOCATION OF ALL PIPING AND FITTINGS SHALL BE DETERMINED ON THE VESSEL.
- ALL HORIZONTAL PIPING SHALL BE INSTALLED WITH A SLOPE OF 1/4\"/>
- ALL DECK DRAINAGE SHALL BE INSTALLED WITH A SLOPE OF 1/4\"/>
- ALL DECK DRAINAGE SHALL BE INSTALLED WITH A SLOPE OF 1/4\"/>

SYMBOLS

- DRAIN
- PIPING RUN UP
- PIPING RUN DOWN
- PIPING RUN UP & DOWN
- PIPING RUN OPEN/END
- PIPING RUN BELOW DECK



NO.	DESCRIPTION	DATE	NAME
1	ISSUED FOR BID	1/18/24	KJC
2	REVISION		

GILBERT ASSOCIATES, INC.	
NAVAL ARCHITECTS	100 BRIGGSMAN DRIVE
MARINE ENGINEERS	BRANTREE, MA 02014

207 FT LOA FERRY VESSEL

DRAWN BY: KJC	DATE: 1/20/24
CHECKED BY: KJC	DATE: 8/14/24
APPROVED BY: KJC	DATE: 8/14/24
SCALE: 1/4\"/>	DATE: 8/14/24
DWG. NO. D372-P3-2	ALT. 0

SHEET 2 OF 2

12

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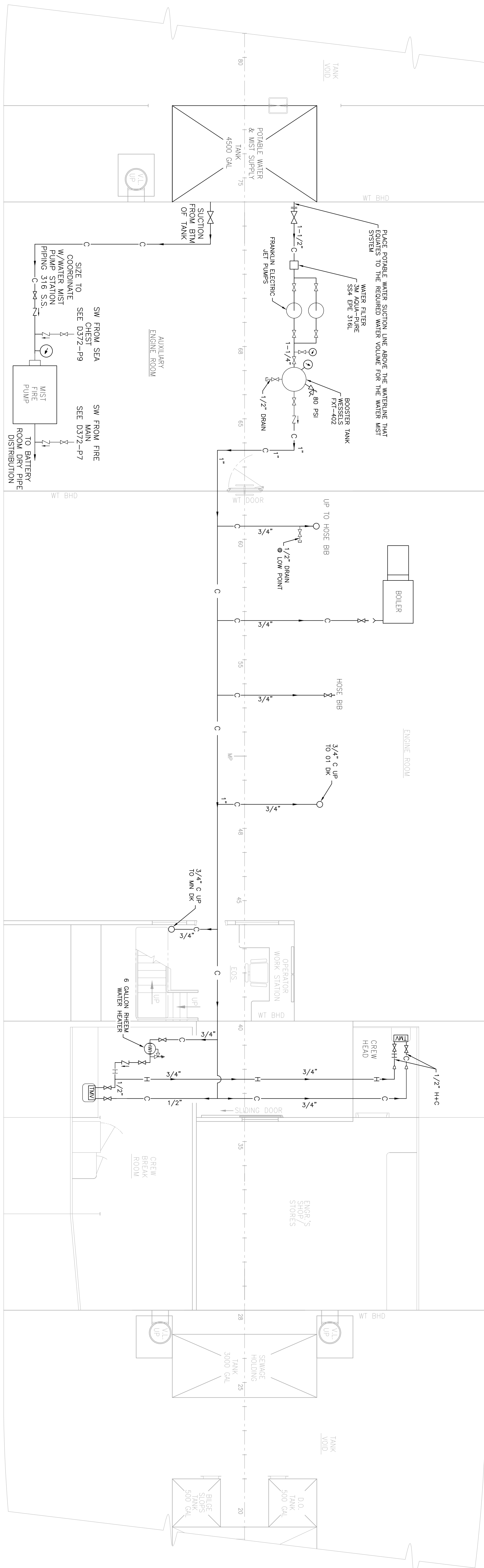
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MAIN DECK


















SERVICE	SIZE	PIPE	FITTINGS	VALVE BODIES	VALVE MOUNTINGS	FITTINGS/NOTES
POTABLE WATER PUMP UP TO 1000PSID/100 GPM	2 IN. AND ABOV.	COPPER TUBE ASTM B88	AS SPECIFIED TYPE L COPPER, 300#	150# FLANGED AND B16.24 ASTM B88	Bronze	VEGA APPROX 85SS NOMIN 18
POTABLE WATER PUMP UP TO 1000PSID/100 GPM	1.5 IN. AND BEL.		AS SPECIFIED TYPE L COPPER, 300#	Bronze SWEATED 150 STD		
POTABLE WATER PUMP UP TO 1000PSID/100 GPM	1.5 IN. AND ABOV.		AS SPECIFIED TYPE L COPPER, 300#	Bronze WELD SOLDER 100# STD	Bronze	VEGA APPROX 85SS NOMIN 18
POTABLE WATER PUMP UP TO 1000PSID/100 GPM	1.5 IN. AND ABOV.	5/8" SWEATED TUBING TYPE L ASTM B88	AS SPECIFIED TYPE L COPPER, 300#	150# FLANGED AND B16.24 ASTM B88		
POTABLE WATER FROM WATER HEATER	1.25 IN. AND BEL.	COPPER TUBE ASTM B88 TYPE L	AS SPECIFIED TYPE L COPPER, 300#	150# FLANGED OR SOLDER ENDS, ASTM B88	Bronze	VEGA APPROX 85SS NOMIN 18
PIPE INSULATION		SP WOVEN 50M FIBER INSULATION	USE W/3/8"X1/2" INSULATION JOINT TAPE			
DRINKING WATER DISPERSION SYSTEM						
POTABLE WATER 10/100W WATER MISC PUMP	ALL SIZES	316 STAINLESS STEEL WELD SOLDER BUTL ASSM B88-19	STAINLESS STEEL WELD SOLDER ASTM A182 TYPE 304 B16.24	STAINLESS STEEL SOLDER B16.24, ASTM B88		UNITS APPROX 85SS NOMIN 18
RAINEN POINT OF USE ELECTRIC 6 GAL. WATER - 1/2 IN. TANK VALVE	3/4 IN. TANK VALVE CONNECTION SIZE	COPPER TUBE ASTM B88 TYPE L	OVERHEAD PROTECTION, TEMPERATURE RATING	UL 174		120 VOL.1, 2000 W
ELECTRIC WATER HEATER - 1/2 IN. TANK VALVE CONNECTION SIZE	1/2 IN. TANK VALVE CONNECTION SIZE		OVERHEAD PROTECTION, TEMPERATURE RATING	UL 174		120 VOL.1, 1440 W
WATER PUMP	25 GAL.					ASME PRESSURE VESSEL CODE
FRANKLIN ELECTRIC PUMP (PUMP) JET PUMP	25 GPM					

## GENERAL NOTES

1. THIS DRAWING IS SPECIFICALLY OWNED AND DOES NOT INTEND TO LOCATE ANY PIPING, EQUIPMENT, OR STRUCTURES IN GENERAL OR AS NOTED.
2. ACCESS COVERS SHALL BE INSTALLED AND EFFORTS SHALL BE DETERMINED ON THE BASIS OF THE BEST AVAILABLE INFORMATION.
3. ALL VALVES AND SYSTEMS SHALL HAVE IDENTIFYING MARKS AND LABELS.
4. ALL VALVES CONTROLLING AN INDIVIDUAL SYSTEM SHALL BE GROUPED TOGETHER AS MUCH AS POSSIBLE.
5. ALL VALVES SHALL BE INSTALLED TO PROVIDE EASY ACCESS AT ALL TIMES.
6. ALL SYSTEMS SHALL BE INSTALLED WITH UNIONS OR FLANGES TO PROVIDE FOR REMOVAL.
7. ALL SYSTEMS SHALL HAVE PROVISIONS FOR COMPLETE DRAINAGE.
8. ALL PIPING DIAGRAMS, SPECIFICATIONS AND RECOMMENDATIONS FINISHED BY MANUFACTURER OF EQUIPMENT SERVED BY A SYSTEM SHALL SUPERSEDE.
9. THE PORTABLE WATER SYSTEM SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS AND STANDARDS OF THE SUPPLY CONTRACT FOR THE CONSTRUCTION.
10. THE PORTABLE WATER SYSTEM SHALL BE OF MATERIALS APPROVED BY THE PUBLIC HEALTH SERVICE.
11. ON THE MAIN BRANCHES OF HOT AND COLD WATER, SHUT-OFF VALVES SHALL BE PROVIDED.
12. SYSTEMS SHOWN ARE FOR GUIDANCE ONLY AND NECESSARY ADJUSTMENT SHALL BE AS REQUIRED BY THE EQUIPMENT AND SYSTEM IN ORDER TO SATISFACTORY OPERATION.
13. THE DECK AND BLUEHUED PIPING PENDING SHALL MAINTAIN THE WATER TIGHT INTEGRITY AND FIRE-RATING OF DIVISION. NPS 9-9/16" x 1 shall be USED FOR CONDENSE.
14. ALL WATER PIPES SHALL BE INSULATED AGAINST CONDENSATION AND FREEZING.
15. ALL PIPE FITES SHALL BE INSTALLED TO ALLOW FOR EXPANSION AND CONTRACTION.
16. CONDENSATE PIPES SHALL BE DRAINED INTO A DRAIN RUNS AS REQUIRED BY THE MANUFACTURER'S RECOMMENDATIONS AND ESTABLISHED MARINE PRACTICES.
17. ALL PORTABLE WATER RESERVS ARE TO BE LOCATED WITH HEATED AREAS OF THE BOAT.
18. ALL WELD PROGRESS, COMPRESSION FITTINGS MUST BE DOCUMENTED TO ENSURE MATERIAL, WELDING, AND INSULATION MEETS THE REQUIREMENTS OF THE DESIGN.
19. CONTROL PUMP OPERATION: THE PUMP SHALL BE SET TO START WHEN PRESSURE REACHED 40 PSI AND STOP AT 60 PSI. THE PUMPS SHALL HAVE INTERNAL CHECK VALVE ON THE OUTLET AND THE PUMP SHALL BE SET TO STOP WHEN PRESSURE REACHED 40 PSI AND THE SYSTEM OR ONE PUMP PRESURED. THE SYSTEM AND ONE PUMP ON STAND-BY.
20. PLATED JUNCTION FROM STAINLESS STEEL TO COPPER SHALL BE ACCOMPLISHED WITH GALVANIC ISOLATION.



LEGEND

- |   |  |
|---|--|
|  | GATE VALVE   |
|  | CHECK VALVE  |
|  | GAUGING P.M. LITER (1"x1/2" STAINLESS STEEL)<br>PRESSURE GAUGE |
|  | RELIEF VALVE   |
|  | HOSE CONNECTION  |
|  | HOSE CONNECTOR C/M CAP & KEEP CHAIN                            |
|  | PIPE RUN DOWN  |
|  | PIPE RUN UP  |
|  | PIPE RUN UP & DOWN   |
|  | PIPE RUN OVERHEAD  |
|  | PIPE RUN BELOW DECK  |
|  | HOT POTABLE WATER  |
|  | COLD POTABLE WATER   |
|  | HOSE BIB   |
|  | TOUGHNESS MIXING VALVE   |
|  | HOT WATER HEATER   |
|  | CONCENTRIC REDUCER   |

HOLD

0	ISSUED FOR BIO	11/8/24	MR
ALT	DESCRIPTION	DATE	NAME

GILBERT ASSOCIATES, INC.

NAVAL ARCHITECTS  
MARINE ENGINEERS



100 GROSSMAN DRIVE  
BRAINTREE, MA 02184

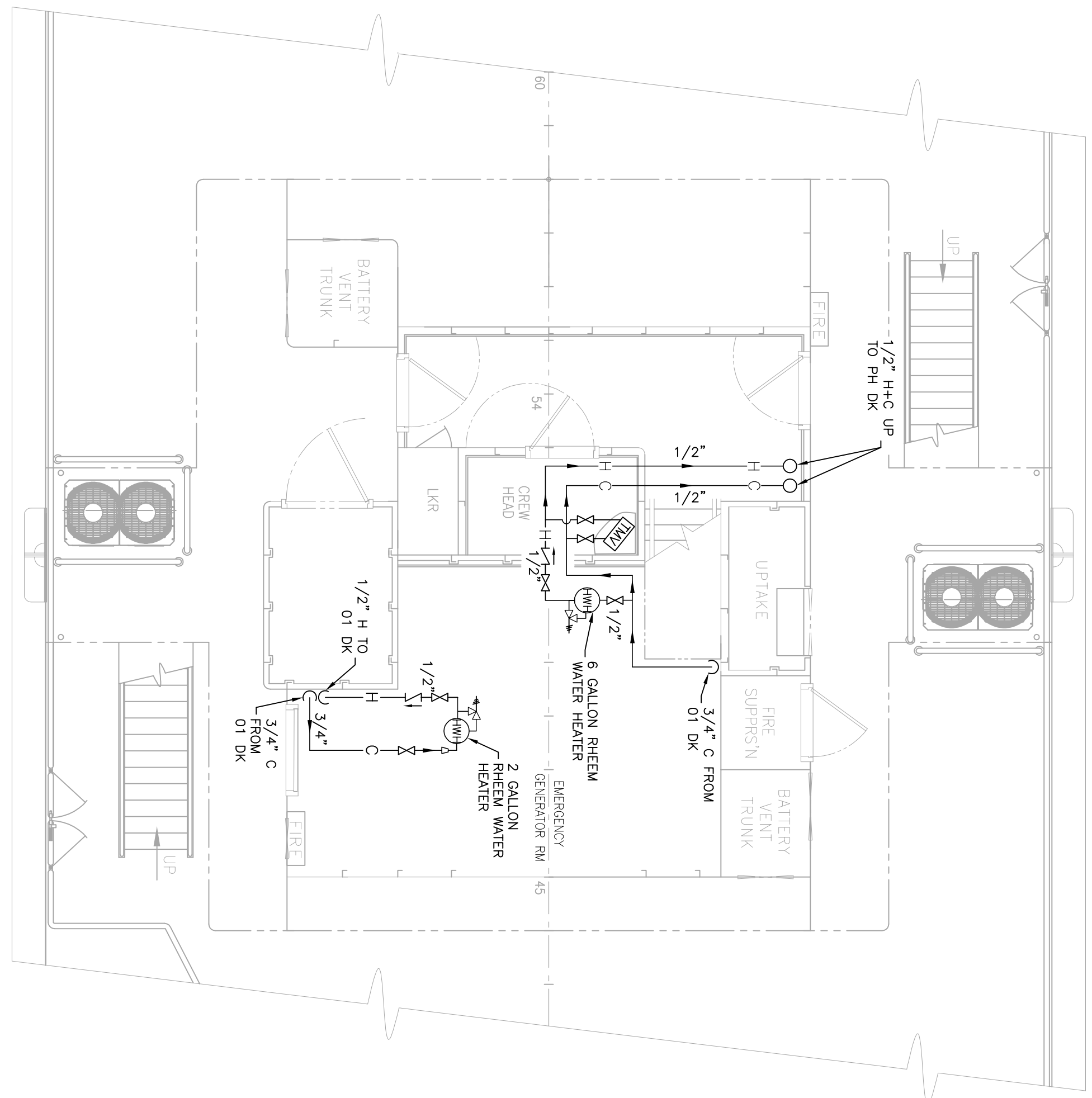
207 FT LOA FERRY VESSEL

## POTABLE WATER SCHEMATIC

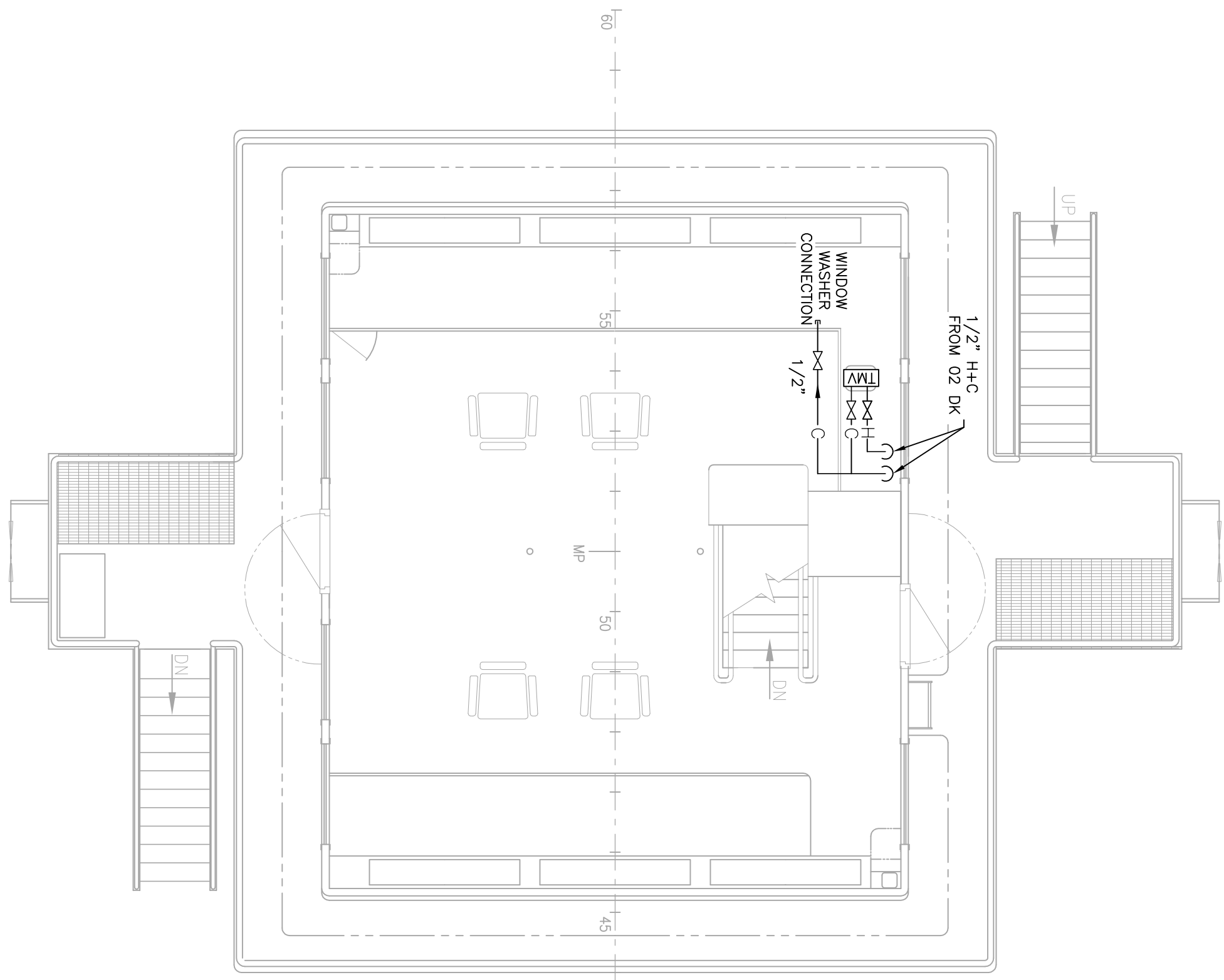
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CHECKED BY KVC DATE 8/14/24

SHEET 1 OF 2 DWG. NO. D372-P5-1 ALT. 0



02 DECK



PILOT HOUSE DECK

LEGEND

- ▷ GATE VALVE
- ▽ CHECK VALVE
- ⊖ AQUARIUM F.W. FILTER (1"x1", STAINLESS BODY)
- ⊙ PRESSURE GAUGE
- ⊙ RELIEF VALVE
- └ HOSE CONNECTION
- └ HOSE CONNECTOR C/W GPP & KEEP CHAIN
- PIPE RUN DOWN
- PIPE RUN UP
- ⊖ PIPE RUN UP & DOWN
- PIPE RUN OVERHEAD
- PIPE RUN BELOW DECK
- HOT POTABLE WATER
- C COLD POTABLE WATER
- ⊖ HOSE BIB
- ⊖ TOUCHLESS MIXING VALVE
- ⊖ HOT WATER HEATER
- ⊖ CONCENTRIC REDUCER

ALT	DESCRIPTION	DATE	NAME
0	ISSUED FOR BO	11/9/24	JF

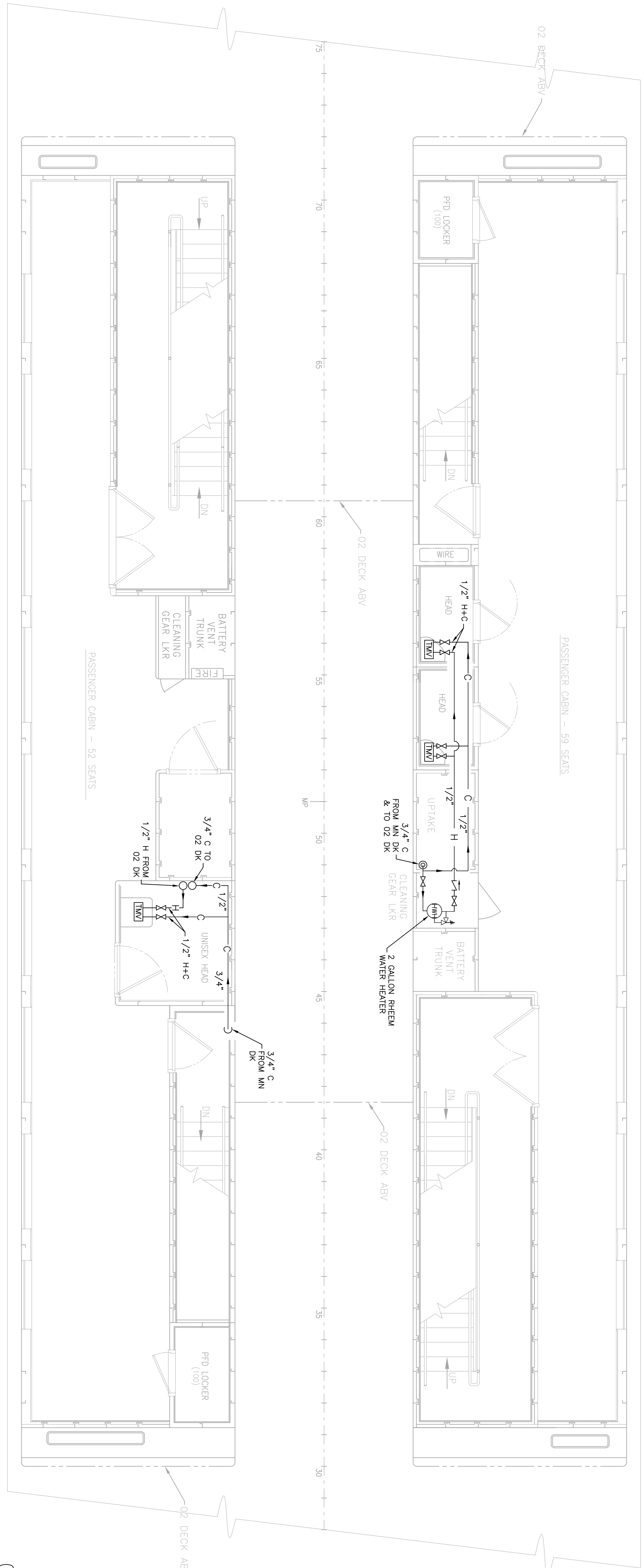
**GILBERT ASSOCIATES, INC.**

100 GROSSMAN DRIVE  
BRANFEE, MA 02184

207 FT LOA FERRY VESSEL

POTABLE WATER SCHEMATIC

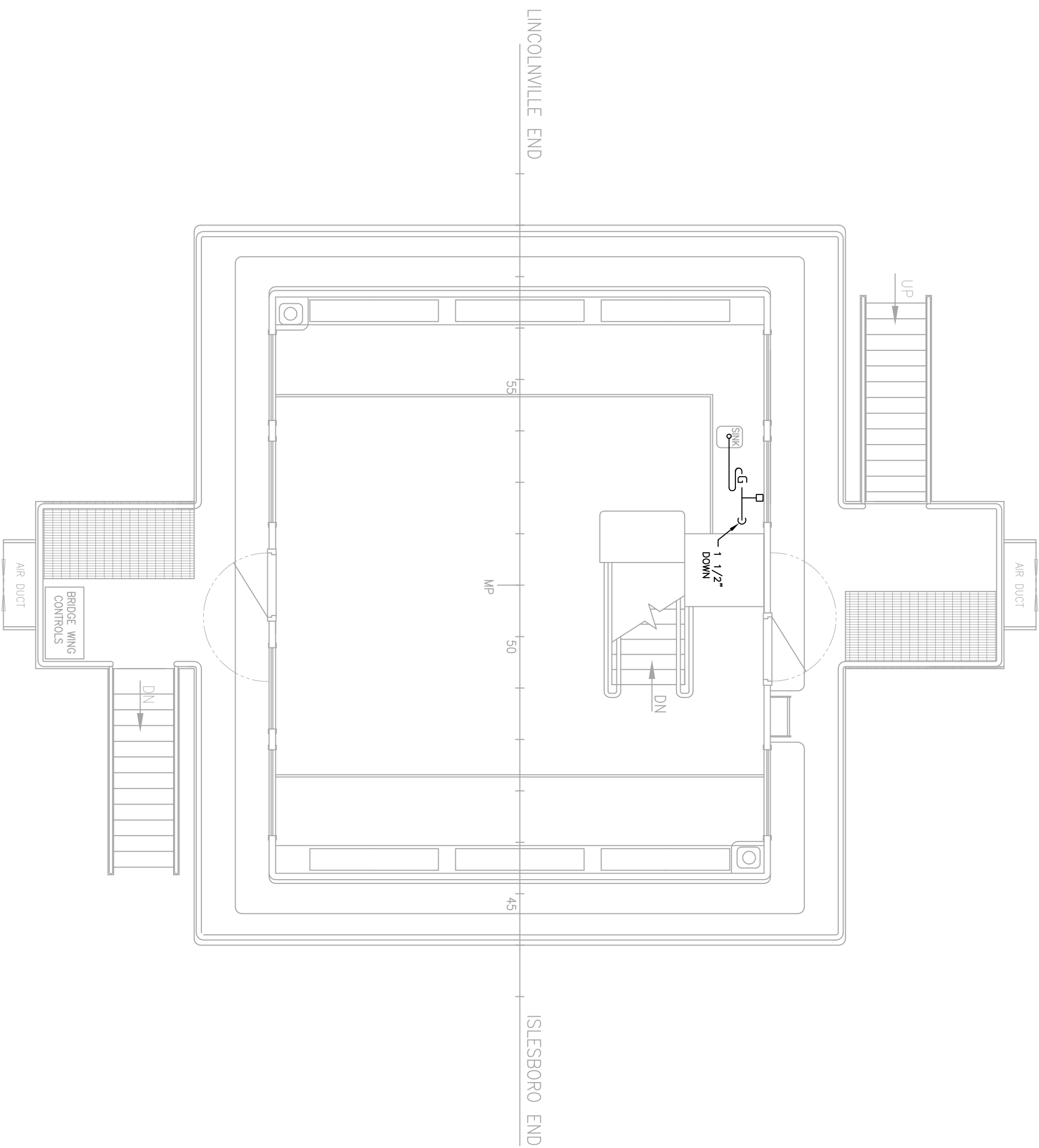
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CHECKED BY	KVC	DATE	8/14/24
APPROVED BY		DATE	
DWG. NO.	03172-P5-2	ALT.	0



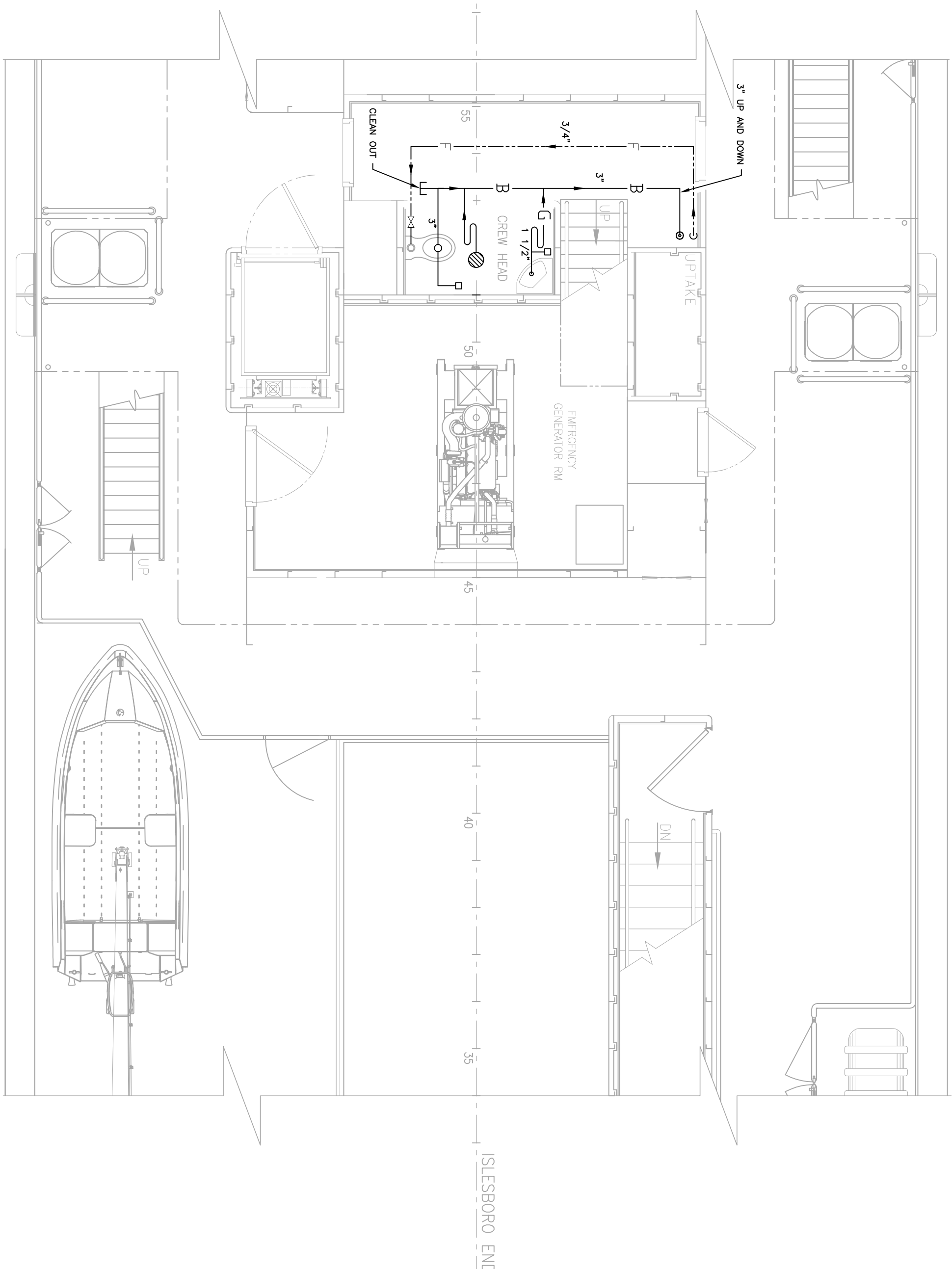
01 DECK

GENERAL NOTES

1. THIS DRAWING IS SCHEMATIC ONLY AND DOES NOT INTEND TO LOCATE ANY PIPING, FITTINGS, OR EQUIPMENT EXCEPT IN GENERAL OR AS NOTED.
2. FINAL LOCATION OF ALL PIPE AND FITTINGS SHALL BE DETERMINED ON THE VESSEL TO BEST SUIT THE INSTALLATION.
3. SIZES SHOWN ARE FOR GUIDANCE ONLY AND THE NECESSARY ADJUSTMENTS SHALL BE MADE AS REQUIRED BY THE EQUIPMENT AND SYSTEMS TO ASSURE SATISFACTORY OPERATION.
4. ALL VALVES AND SYSTEMS SHALL HAVE IDENTIFYING MARKS AND LABELS.
5. ALL VALVES CONTROLLING AN INDIVIDUAL SYSTEM SHALL BE GROUPED TOGETHER AS MUCH AS POSSIBLE.
6. ALL THROUGH-HULL CONNECTIONS SHALL HAVE VALVES FITTED AS CLOSELY AS POSSIBLE AND SHALL CONFORM TO THE REQUIREMENTS OF U.S. COAST GUARD SUBCHAPTER 1.
7. ALL VALVES SHALL BE LOCATED TO PROVIDE EASY ACCESS AT ALL TIMES.
8. ALL SYSTEMS SHALL BE INSTALLED WITH UNIONS OR FLANGES TO PROVIDE FOR REMOVAL.
9. ALL DECK AND LAUNDRY DRAINAGE SYSTEMS SHALL BE FITTED WITH TRAPS.
10. SLOPE SANITARY DRAIN PIPE RUNS BETWEEN 1/4" AND 1/2" PER FOOT.
11. ALL WATER CLOSET DRAIN PIPES SHALL BE 1-1/2", OR AS SHOWN ON THE DRAWING.
12. ALL WATER CLOSET DRAIN PIPES SHALL BE 3".
13. EACH WATER CLOSET DRAIN OR COMBINATION OF WATER CLOSETS SHALL BE VENTED TO THE ATMOSPHERE BY STUDOR AIR ADMITTANCE VALVES.
14. ALL LAUNDRY AND SINK DRAINS SHALL BE VENTED TO THE ATMOSPHERE BY STUDOR AIR ADMITTANCE VALVES.
15. ALL WATERS FOR GORTALE AND SANITARY SYSTEMS SHALL BE STAMPED AND APPROVED BY NATIONAL SANITATION FOUNDATION TESTING LABORATORY (NSF).
16. THE DECK AND BULKHEAD PENETRATIONS SHALL HAVE PIPE WELDED REINFORCEMENT AROUND THE PIPING AND BE WELDED ON BOTH SIDES OF THE PENETRATION.
17. ALL NONMETALLIC PIPING MATERIALS SHALL MEET THE REQUIREMENTS OF 48 CFR 56.60-25. PLASTIC PIPE AND ASSOCIATED FITTINGS MUST BE IN ACCORDANCE WITH IMO RESOLUTION A.753 (18) AND IMO RESOLUTION MSC.313(98) AND BE USCG TYPE APPROVED TO SERIES 164.141.
18. PVC PIPING SHALL BE IN ACCORDANCE WITH IMO RESOLUTION A.753(18).
19. ALL PENETRATIONS THROUGH FIRE-RATED BULKHEADS BY NONMETALLIC PIPE SHALL BE IN ACCORDANCE WITH U.S. COAST GUARD NVIC 9-97 CH1. SEE SHEET 1 DETAILS.
20. ALL PENETRATIONS THROUGH WATERTIGHT BULKHEADS BY NONMETALLIC PIPE SHALL BE FITTED WITH METALLIC SHUTOFF VALVES.



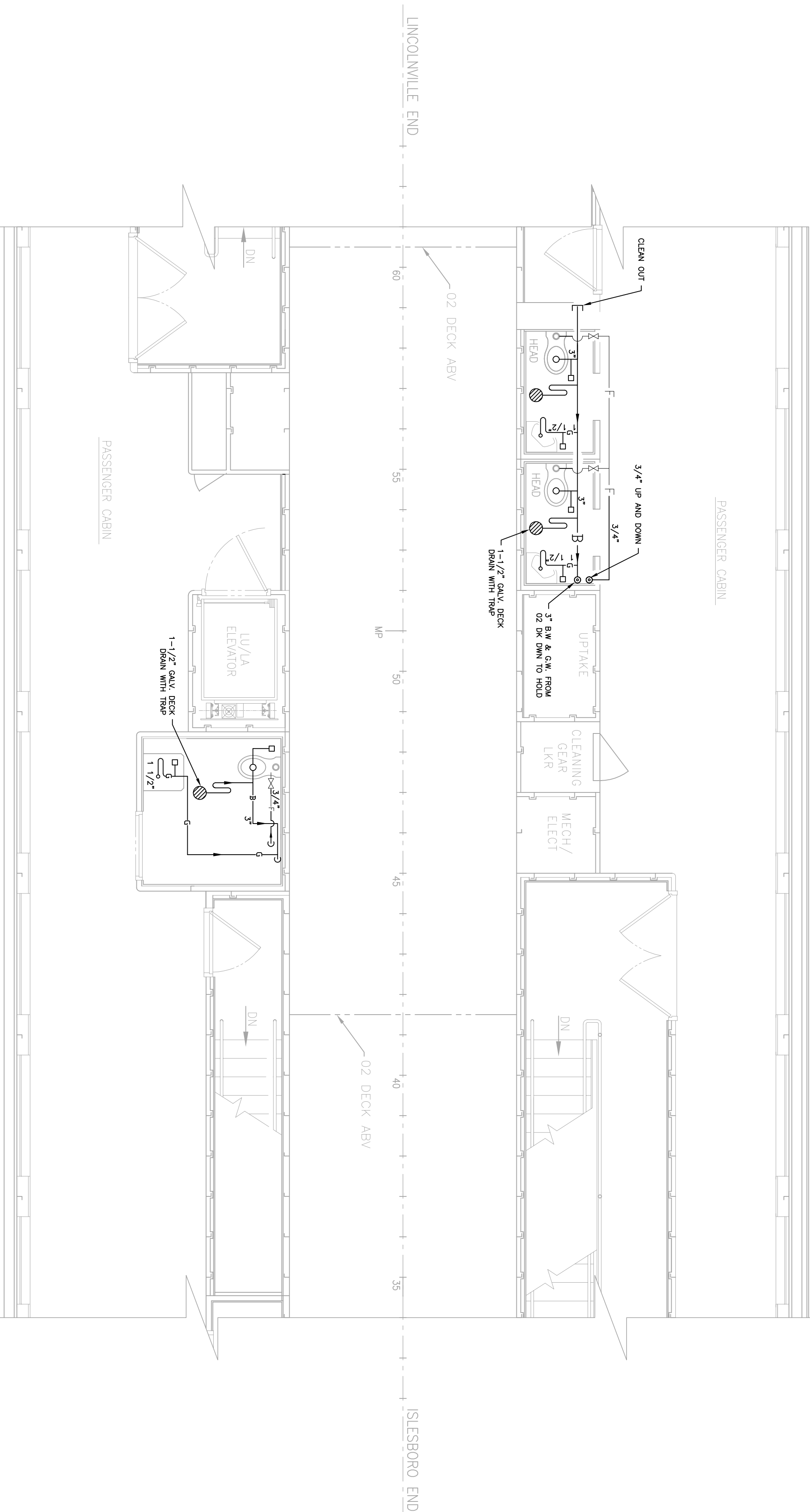
PILOT HOUSE DECK



02 DECK

SYMBOLS

- STUDOR AIR ADMITTANCE VALVE
- VALVE
- CHECK VALVE
- DECK DRAIN
- TRAP
- HOSE CONNECTOR C/W CAP & KEEP CHAIN
- PIPE RUN UP
- PIPE RUN DOWN
- PIPE RUN UP & DOWN
- PIPE RUN OVERHEAD
- GRAY WATER DRAIN
- BLACK WATER DRAIN
- VENT PIPE
- FLUSH WATER
- DISCHARGE STATION
- THREADED CAP FOR CLEAN OUT
- HOSE CONNECTION



01 DECK

NOTE REQ. FOR STEEL SPOONPIECE  
IN PLOT HOUSE & FIRE BLD PENETRATION  
FOR NON-METALLIC PIPING - SEE SPEC

ALT	ISSUED FOR BD	DATE	NAME
		11/8/24	KAC

<b>GILBERT ASSOCIATES, INC.</b>	
WALL ARCHITECTS	100 GROSSMAN DRIVE
MAINE ENGINEERS	BRANFEELE MA 02184

207 FT LOA FERRY VESSEL

DRAIN, WASTE, VENT PIPE SCHEMATIC

DRAWN BY: ON	DATE: 1/17/2024
CHECKED BY: JO	DATE: 8/28/24
APPROVED BY:	DATE:
SCALE: 1/4"=1'-0"	
DWG. NO. 0372-P6-2	ALT. 0

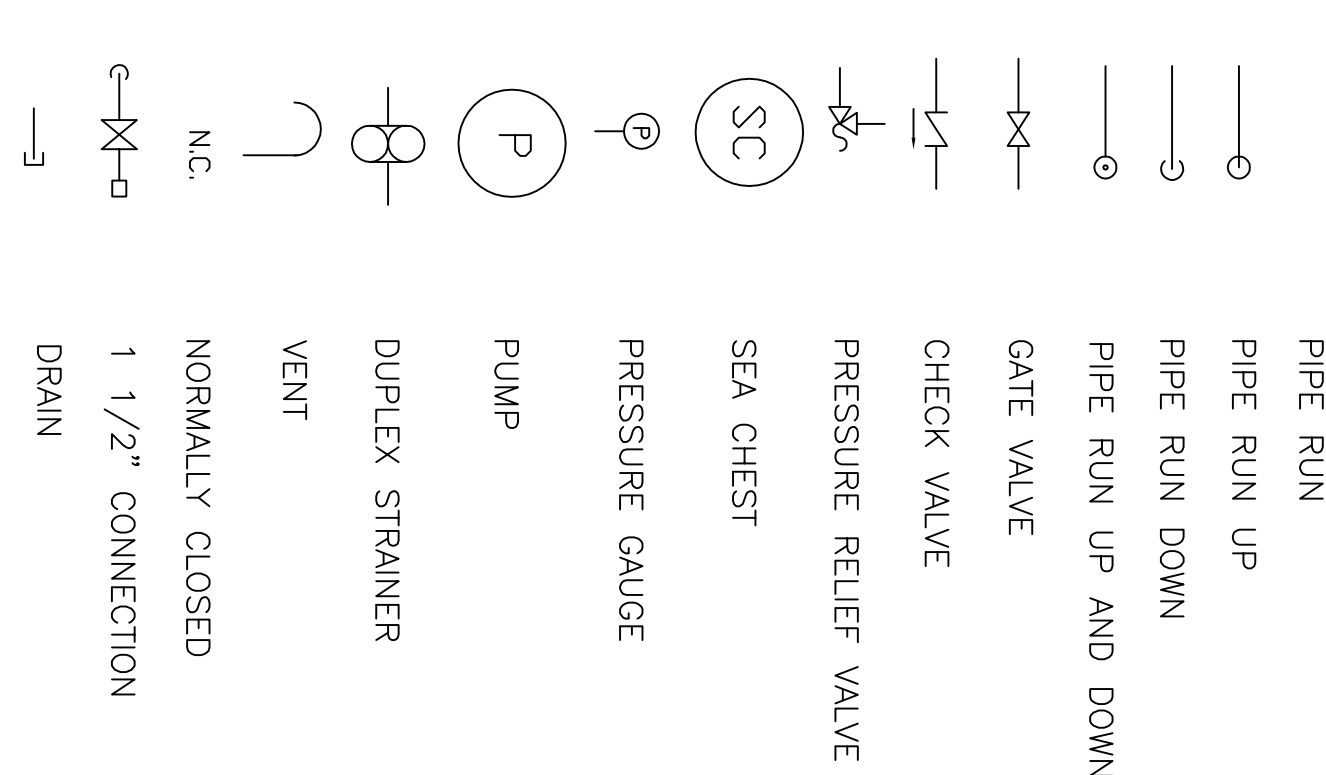



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## GENERAL NOTES

- [illegible]

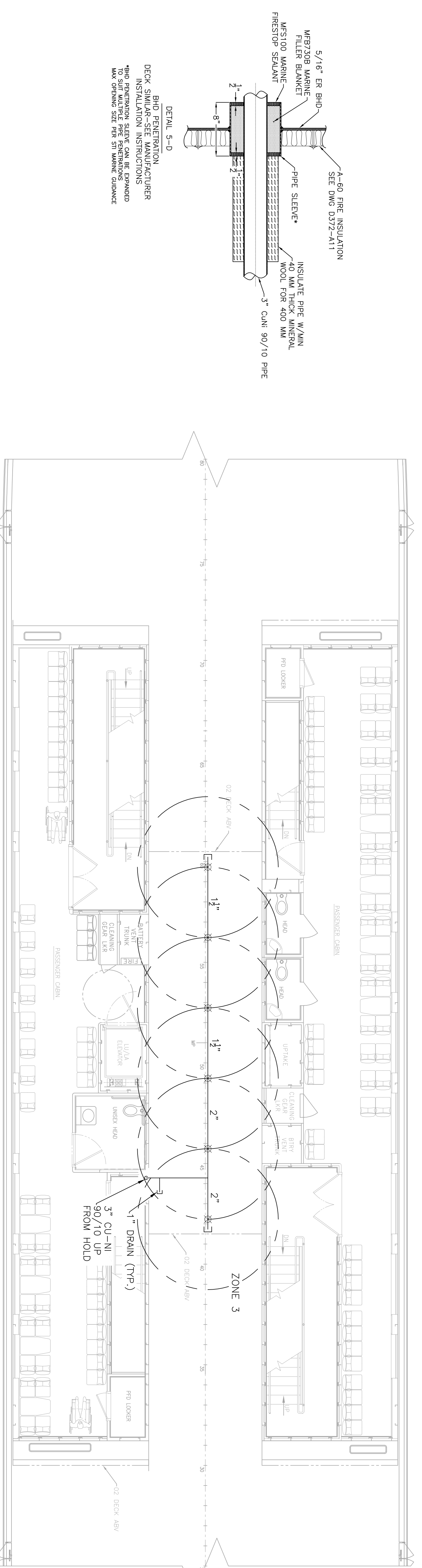
## SYMBOLS



0	ISSUED FOR BID	11/17/24	KIC
ALT	DESCRIPTION	DATE	NAME
<b>GILBERT ASSOCIATES, INC.</b> NAVAL ARCHITECTS MARINE ENGINEERS  100 GROSSMAN DRIVE BRAINTREE, MA 02184			

## FIRE MAIN PIPING SCHEMATIC & DETAILS

DRAWN BY	MR	DATE	9/6/20
CHECKED BY	KVC	DATE	8/15/20
APPROVED BY		DATE	



SPRINKLER DECK AREA CAPACITY CALCULATION

TOTAL DECK AREA = 800+800+200 = 2000 SQ. FT.  
46 CTR 76.23-104(1)-12 GPM/100 SQ. FT. OF DECK AREA  
LARGEST ZONE = 800 SQ. FT.  
MINIMUM CAPACITY = 800 SQ. FT. x 12 GPM/100 SQ. FT.  
EACH SHIP MUST BE ABLE TO SUPPLY TO LARGEST ZONE EACH SPRINKLER AT 15 PSI (SEE SUPPLEMENTAL CALCULATIONS SUMMARY SHEET BELOW)

SUMMARY TABLE - SEE CALCULATIONS

ZONE	AREA (SQ. FT.)	NO. OF SPRINKLERS	FLOW RATE (GPM)	HEAD (FT.)	UNIT FLOW RATE (GPM/100 SQ.FT.)
1	800	13	168	85	18.4
2	800	13	168	85	18.4
3	800	6	75	41	11.7

ITEM	QUANTITY	SPECIFICATION	ASTM
1 1/2" SCH 40S GALVANIZED STEEL PIPE	AS NEEDED	FLANGES 80% MINIMUM GALVANIZED W/ COAT'S SOCKET WELDED FLANGE SLOTT	A53
2 1/2" x 1 1/2" 90° ELBOW	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
3 1/2" x 1 1/2" 90° ELBOW	AS NEEDED	SEE NOTE 18	A516 B466
4 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
5 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
6 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
7 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
8 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
9 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
10 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
11 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
12 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
13 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
14 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
15 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
16 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
17 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466
18 1/2" SCH 40S PIPE	AS NEEDED	COOPER-NICKEL 90/10 CLASS 200	A516 B466

GENERAL NOTES

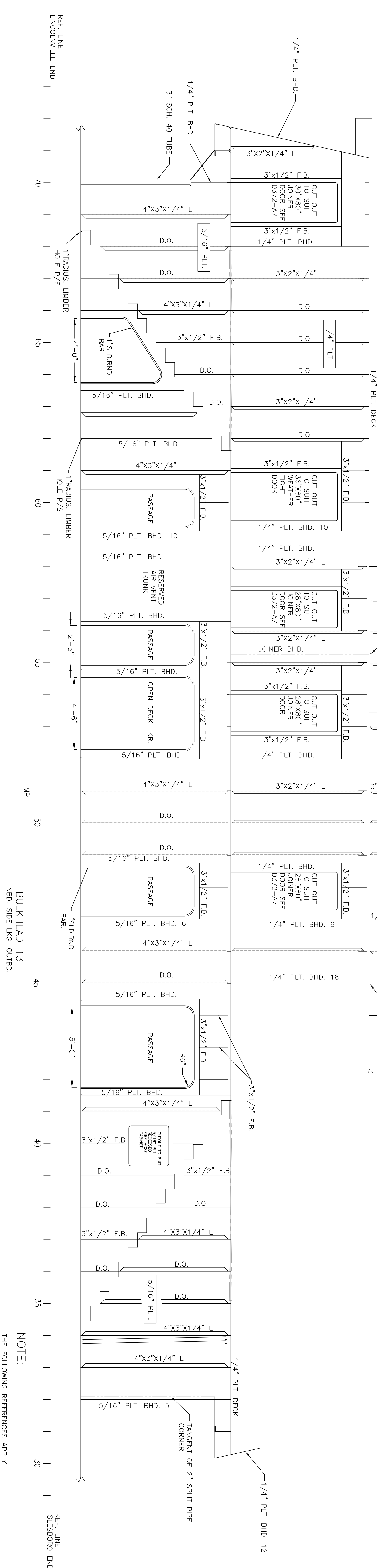
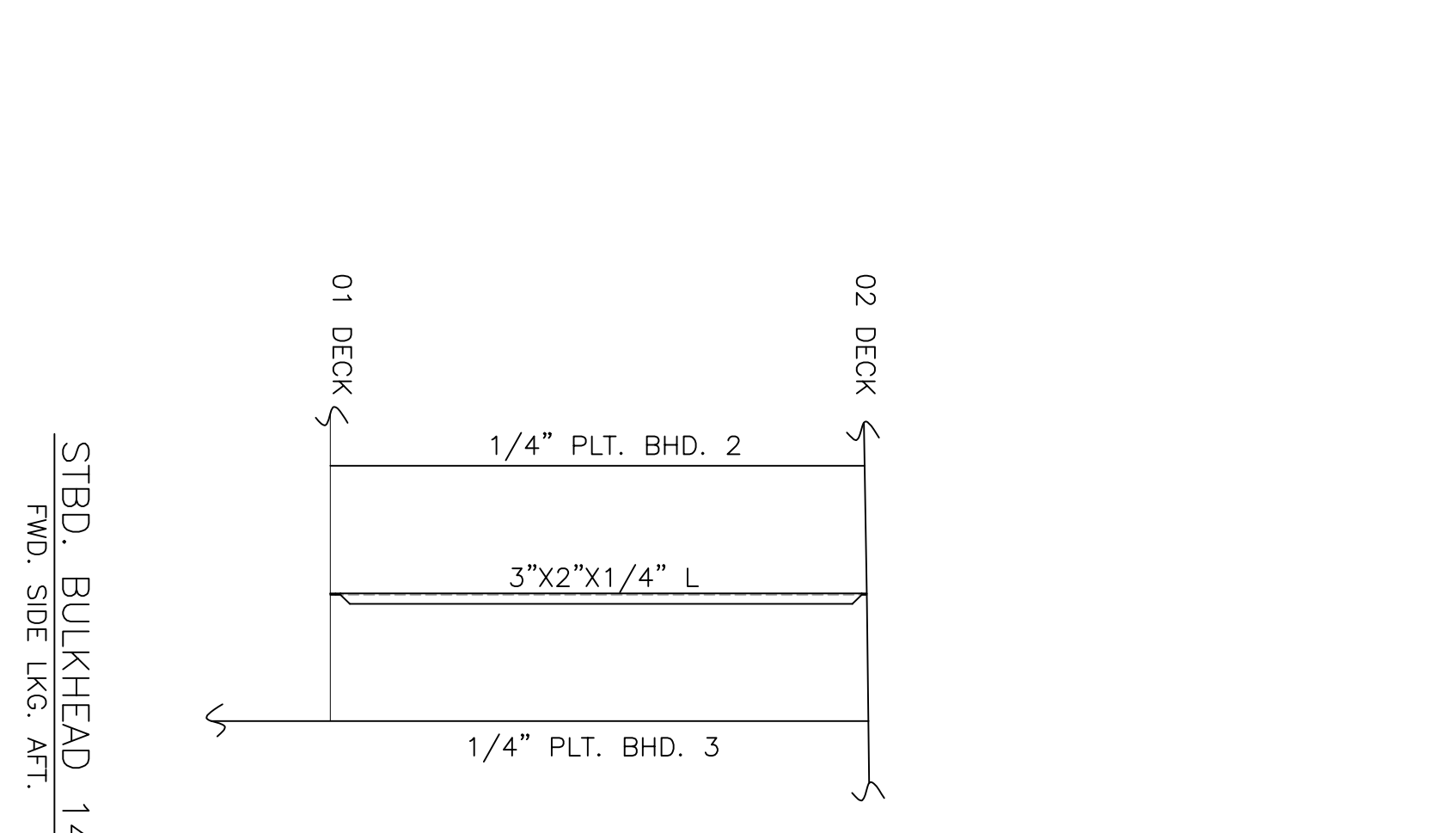
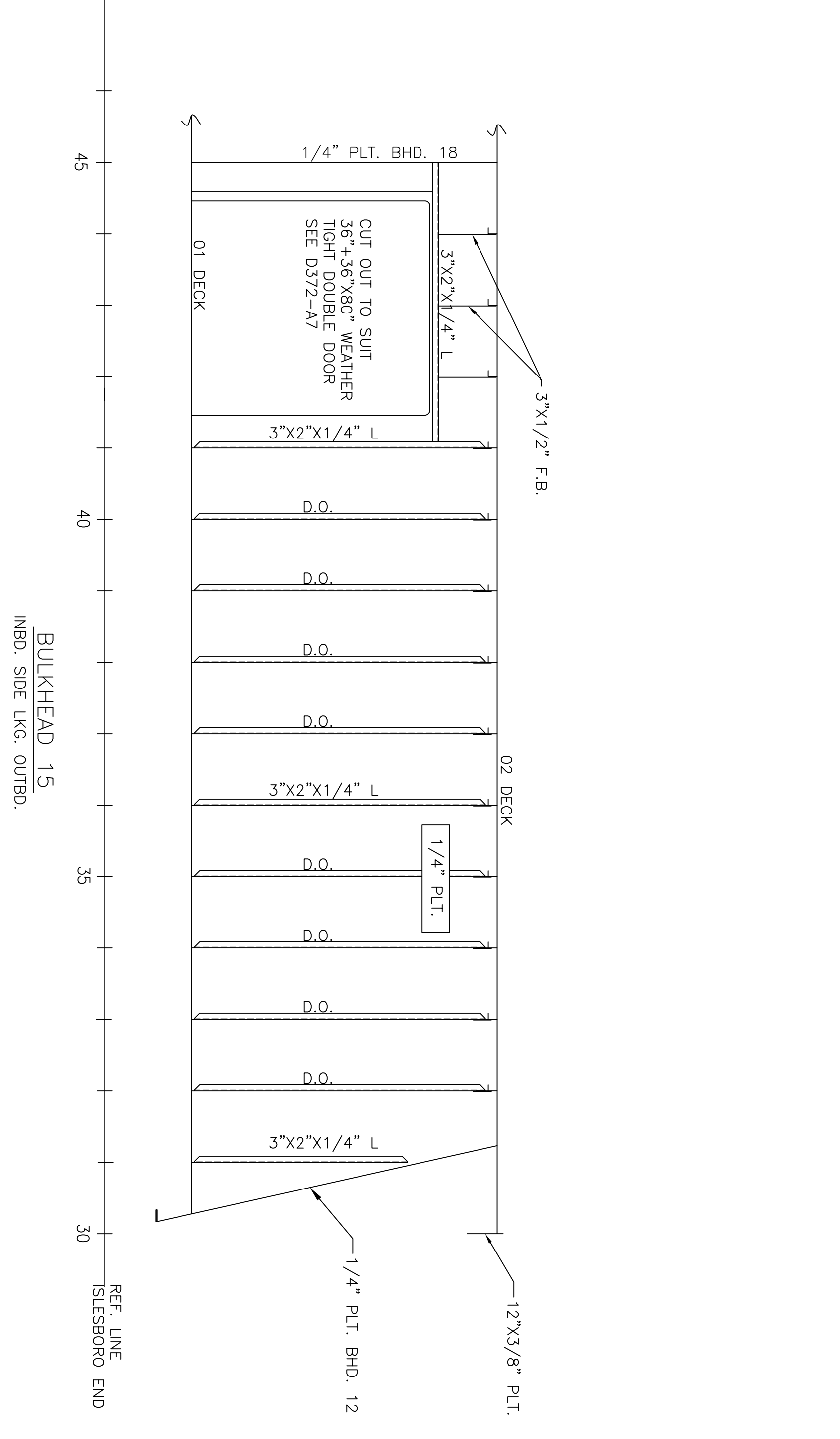
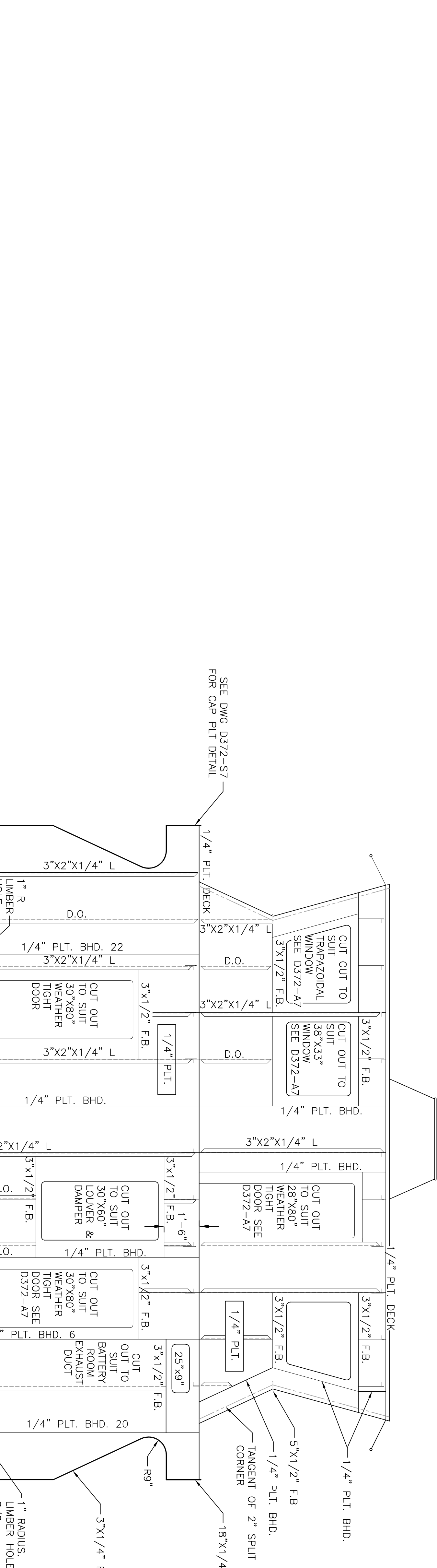
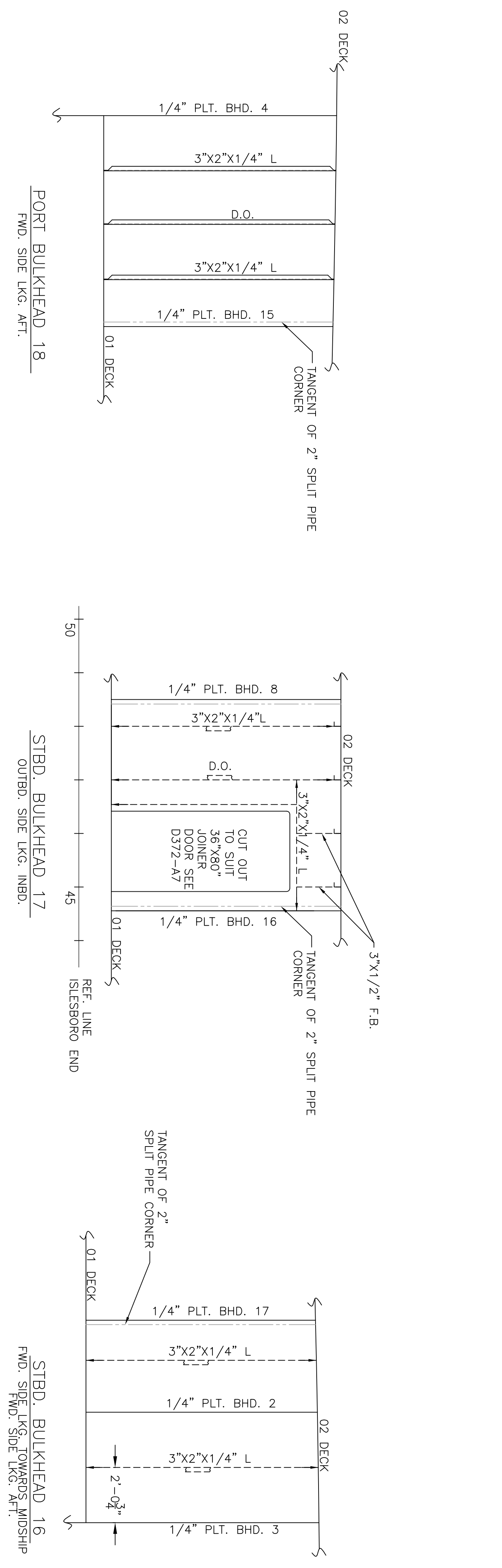
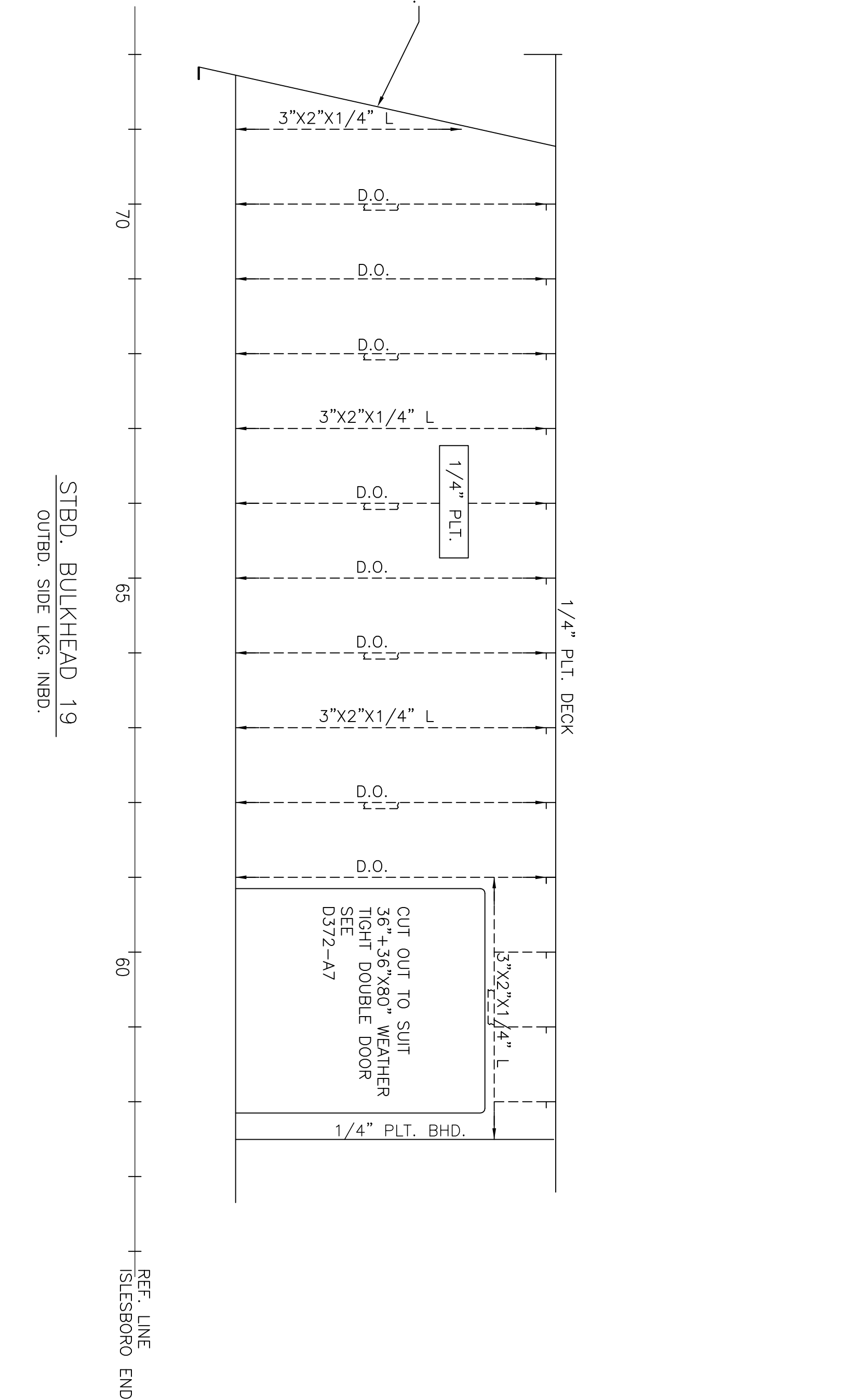
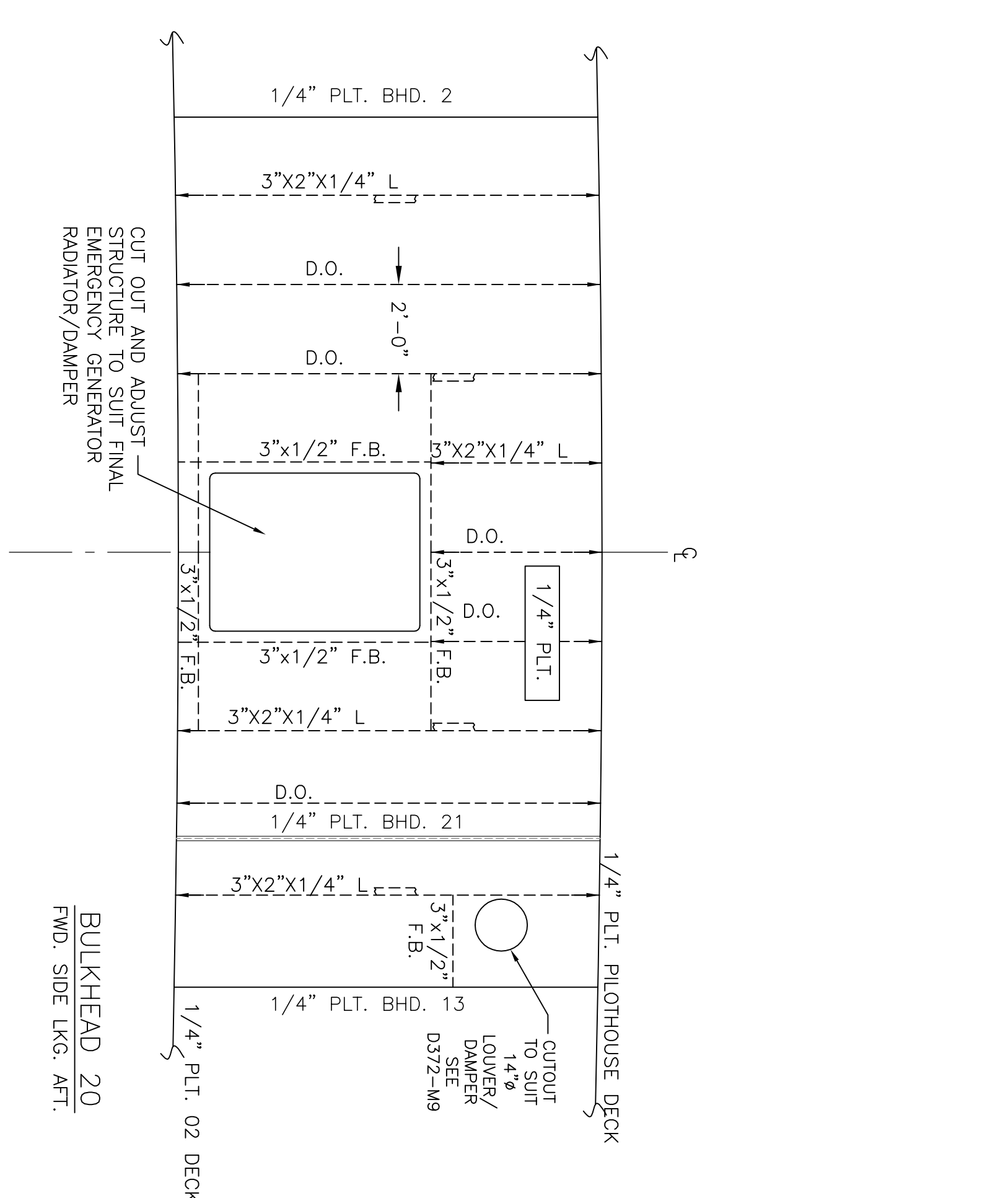
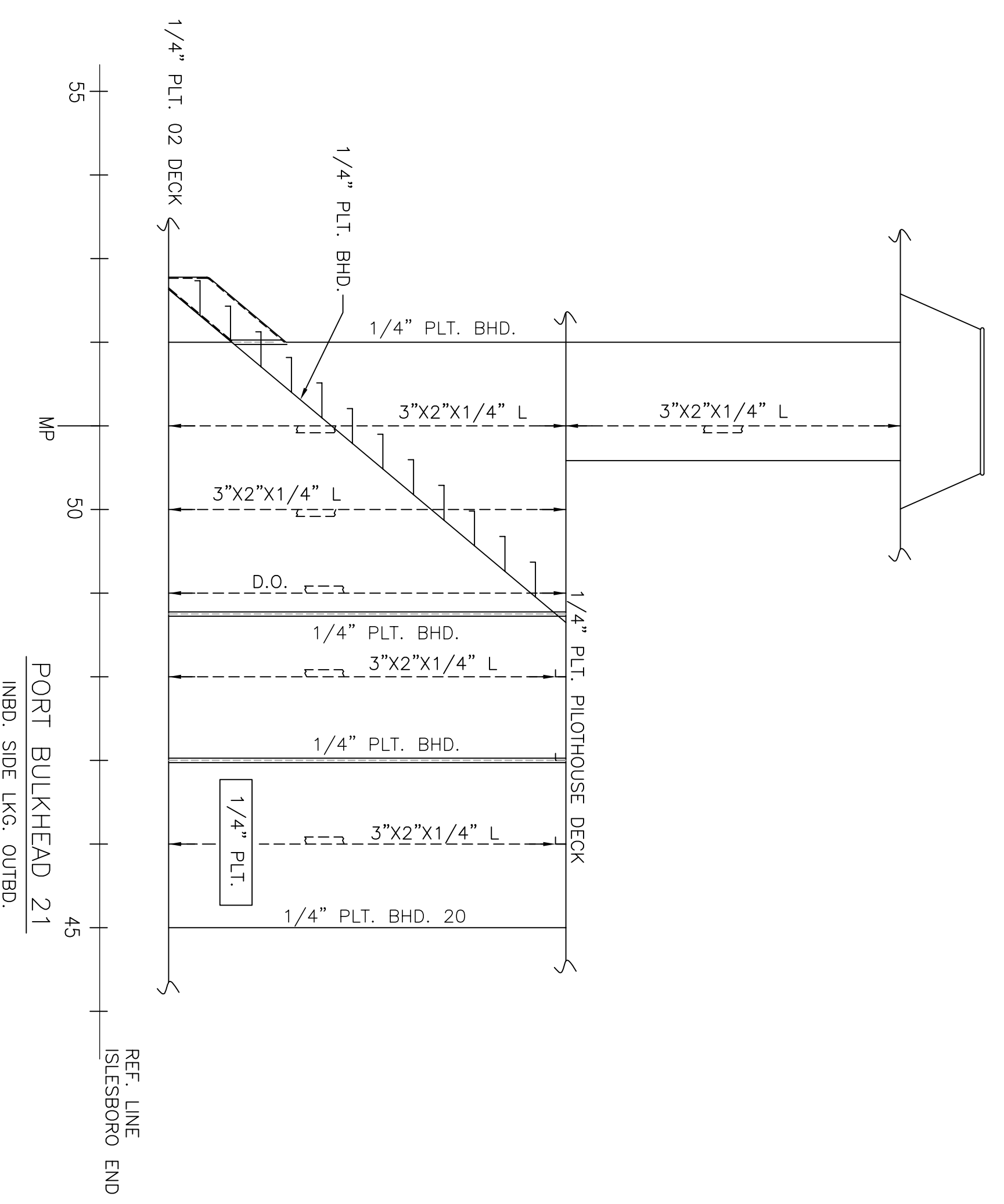
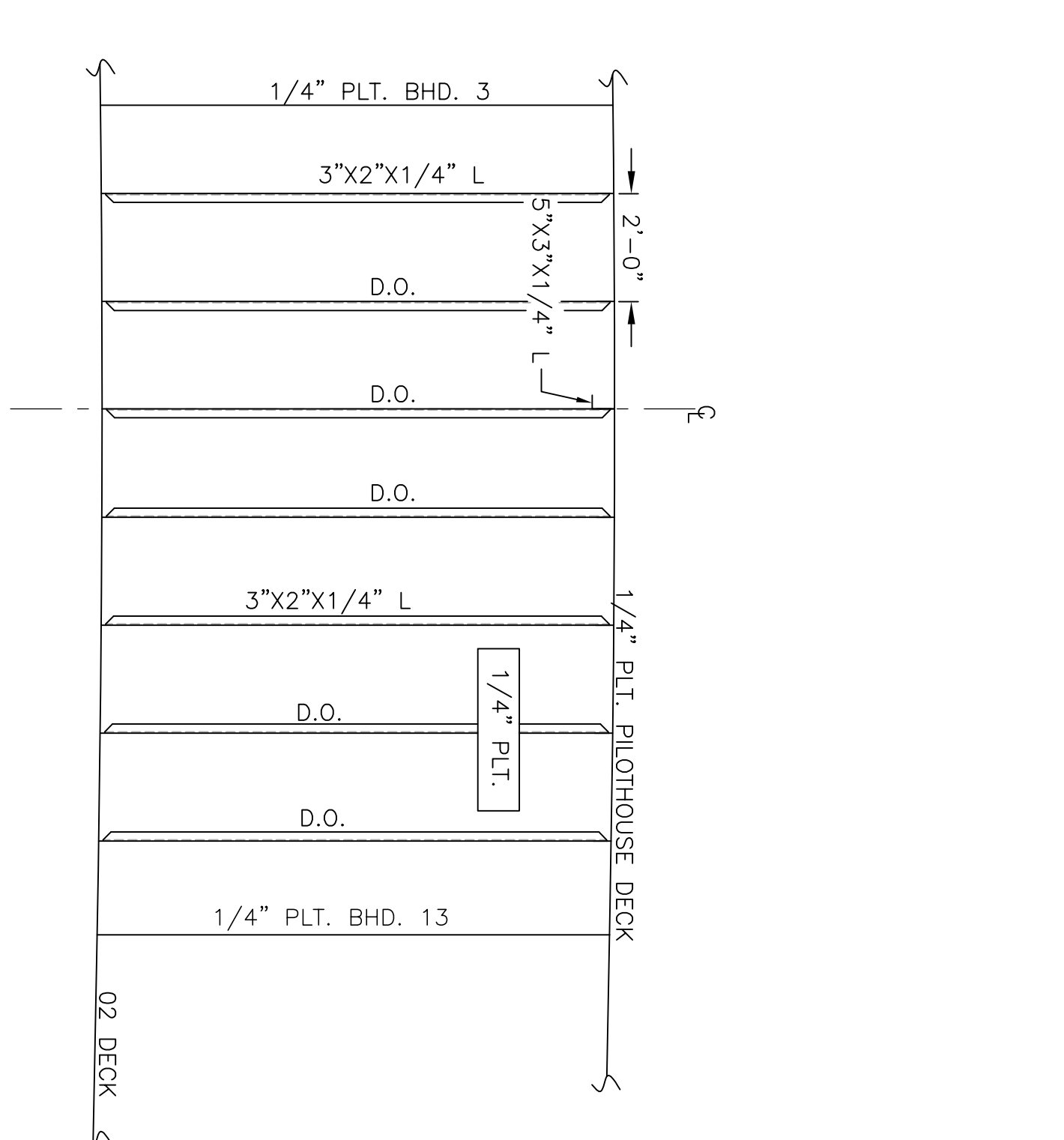
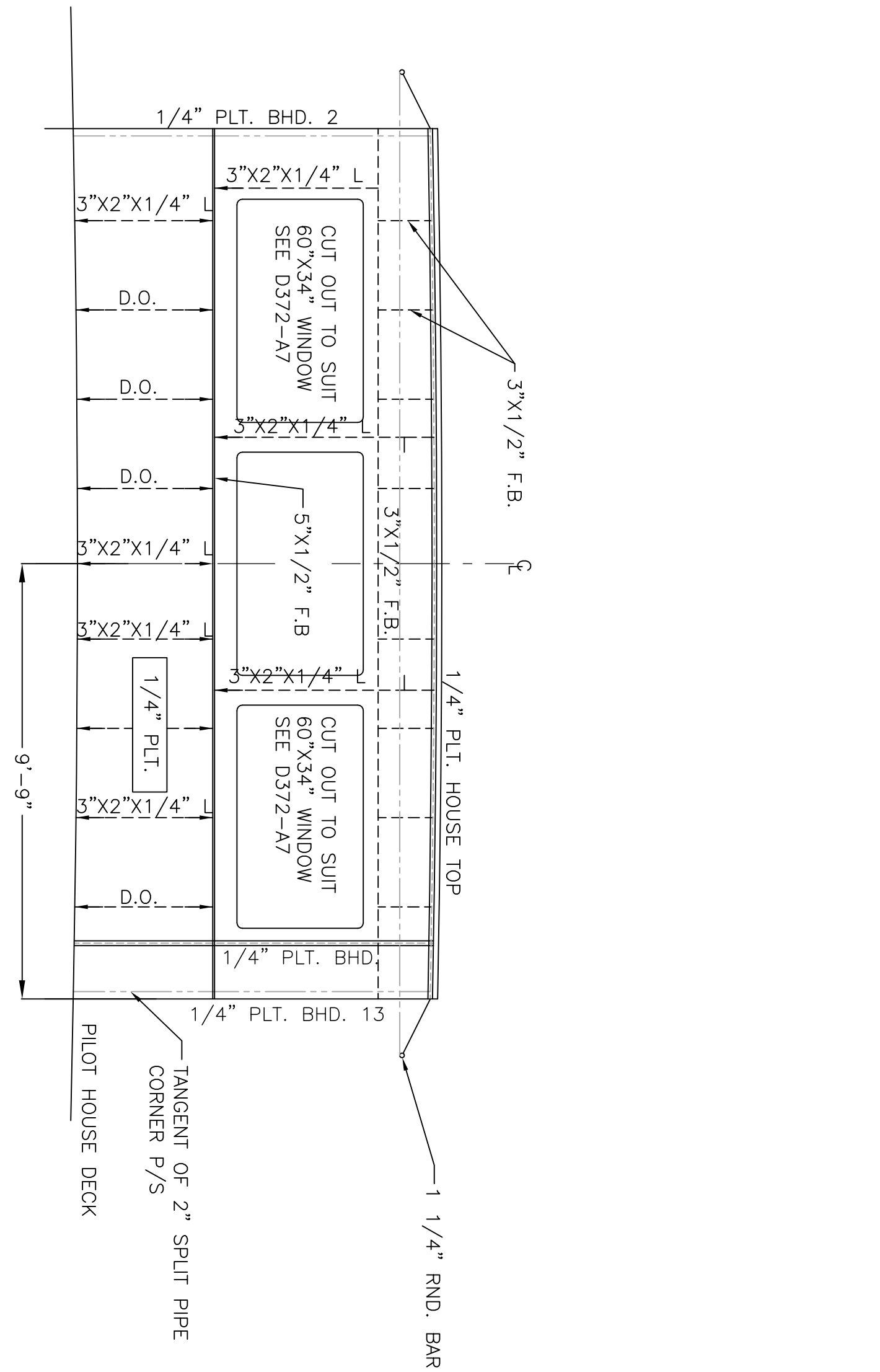
- THE MAIN SPRINKLER SYSTEM SHALL CONFORM TO THE REQUIREMENTS OF 46 CFR PART 76.23
- THIS DRAWING IS SUPPLEMENTARY ONLY AND DOES NOT INTEND TO LOCATE ANY SPRING, FITTINGS, OR VALVES. THE LOCATION OF SPRING, FITTINGS, AND VALVES SHALL BE DETERMINED BY THE FINAL LOCATION OF ALL PIPES AND FITTINGS SHALL BE DETERMINED ON THE BASIS OF THE FINAL LAYOUT.
- THE FINAL LOCATION OF ALL PIPES AND FITTINGS SHALL BE DETERMINED ON THE BASIS OF THE FINAL LAYOUT.
- OPERATION OF THE SYSTEM SHALL CONFORM TO THE REQUIREMENTS OF 46 CFR PART 76.23
- ALL PIPES ABOVE MAINDECK SHALL BE COOPER-NICKEL 90/10 CLASS 200. VALVES SHALL BE 1/2" OR 3/4" OR 1" OR 1 1/2" OR 2" OR 3" OR 4" OR 6" OR 8" OR 10" OR 12" OR 14" OR 16" OR 18" OR 20" OR 24" OR 30" OR 36" OR 42" OR 48" OR 54" OR 60" OR 66" OR 72" OR 78" OR 84" OR 90" OR 96" OR 102" OR 108" OR 114" OR 120" OR 126" OR 132" OR 138" OR 144" OR 150" OR 156" OR 162" OR 168" OR 174" OR 180" OR 186" OR 192" OR 198" OR 204" OR 210" OR 216" OR 222" OR 228" OR 234" OR 240" OR 246" OR 252" OR 258" OR 264" OR 270" OR 276" OR 282" OR 288" OR 294" OR 300" OR 306" OR 312" OR 318" OR 324" OR 330" OR 336" OR 342" OR 348" OR 354" OR 360" OR 366" OR 372" OR 378" OR 384" OR 390" OR 396" OR 402" OR 408" OR 414" OR 420" OR 426" OR 432" OR 438" OR 444" OR 450" OR 456" OR 462" OR 468" OR 474" OR 480" OR 486" OR 492" OR 498" OR 504" OR 510" OR 516" OR 522" OR 528" OR 534" OR 540" OR 546" OR 552" OR 558" OR 564" OR 570" OR 576" OR 582" OR 588" OR 594" OR 600" OR 606" OR 612" OR 618" OR 624" OR 630" OR 636" OR 642" OR 648" OR 654" OR 660" OR 666" OR 672" OR 678" OR 684" OR 690" OR 696" OR 702" OR 708" OR 714" OR 720" OR 726" OR 732" OR 738" OR 744" OR 750" OR 756" OR 762" OR 768" OR 774" OR 780" OR 786" OR 792" OR 798" OR 804" OR 810" OR 816" OR 822" OR 828" OR 834" OR 840" OR 846" OR 852" OR 858" OR 864" OR 870" OR 876" OR 882" OR 888" OR 894" OR 900" OR 906" OR 912" OR 918" OR 924" OR 930" OR 936" OR 942" OR 948" OR 954" OR 960" OR 966" OR 972" OR 978" OR 984" OR 990" OR 996" OR 1002" OR 1008" OR 1014" OR 1020" OR 1026" OR 1032" OR 1038" OR 1044" OR 1050" OR 1056" OR 1062" OR 1068" OR 1074" OR 1080" OR 1086" OR 1092" OR 1098" OR 1104" OR 1110" OR 1116" OR 1122" OR 1128" OR 1134" OR 1140" OR 1146" OR 1152" OR 1158" OR 1164" OR 1170" OR 1176" OR 1182" OR 1188" OR 1194" OR 1200" OR 1206" OR 1212" OR 1218" OR 1224" OR 1230" OR 1236" OR 1242" OR 1248" OR 1254" OR 1260" OR 1266" OR 1272" OR 1278" OR 1284" OR 1290" OR 1296" OR 1302" OR 1308" OR 1314" OR 1320" OR 1326" OR 1332" OR 1338" OR 1344" OR 1350" OR 1356" OR 1362" OR 1368" OR 1374" OR 1380" OR 1386" OR 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8718" OR 8724" OR 8730" OR 8736" OR 8742" OR 8748" OR 8754" OR 8











NOTE:  
THE FOLLOWING DIMENSIONS ARE  
TAKEN FROM THE CENTERLINE TO THE  
LINCOLN END IS REFERRED TO AS BOW AND THE  
LINCOLN END IS REFERRED TO AS STERN.  
SEE SHEET 1 FOR BULKHEAD KEY PLAN

NO.	REVISION	DESCRIPTION	DATE	BY
1	ISSUED FOR BID		7/2/24	AS

DESIGNED BY	CHECKED BY	DATE
7/2/24	7/2/24	7/24

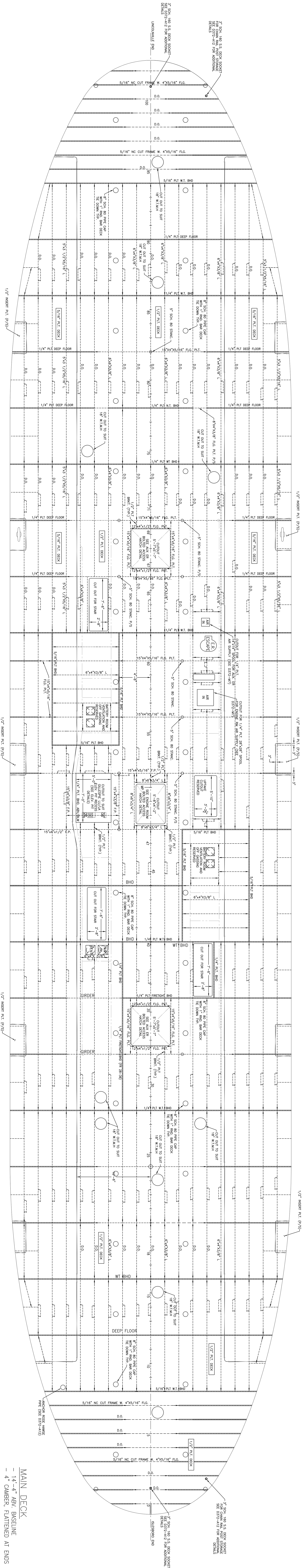
APPROVED BY  
SCALE 3/8" = 1'-0"  
DATE  
ALT. 0

LONGITUDINAL & TRANSVERSE  
BULKHEADS ABOVE MAIN DECK

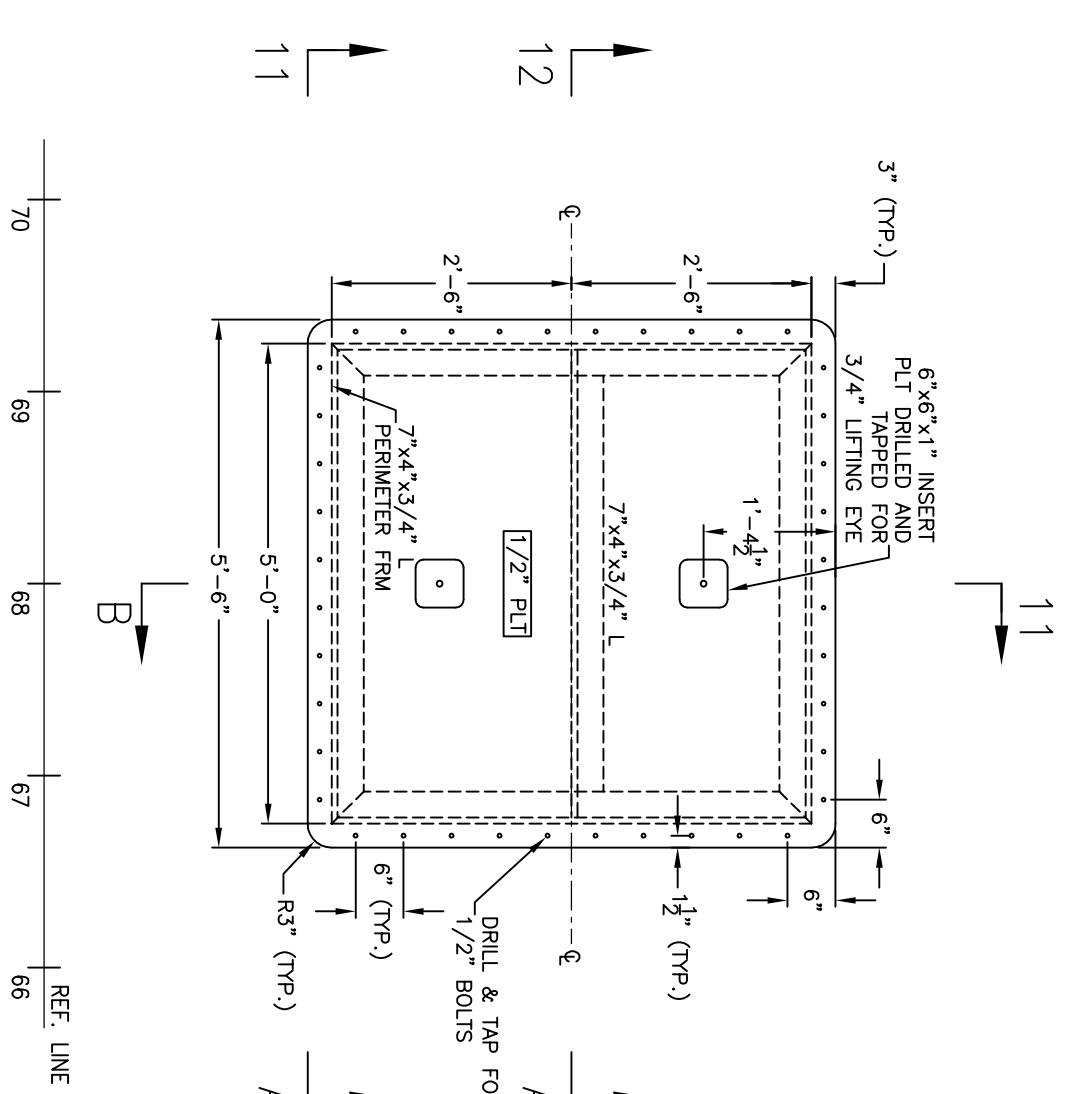
207 FT LOA PASSENGER/VEHICLE  
FERRY

LIBERT ASSOCIATES, INC.  
100 GROSSMAN DRIVE  
BIRMINGHAM, AL 35204

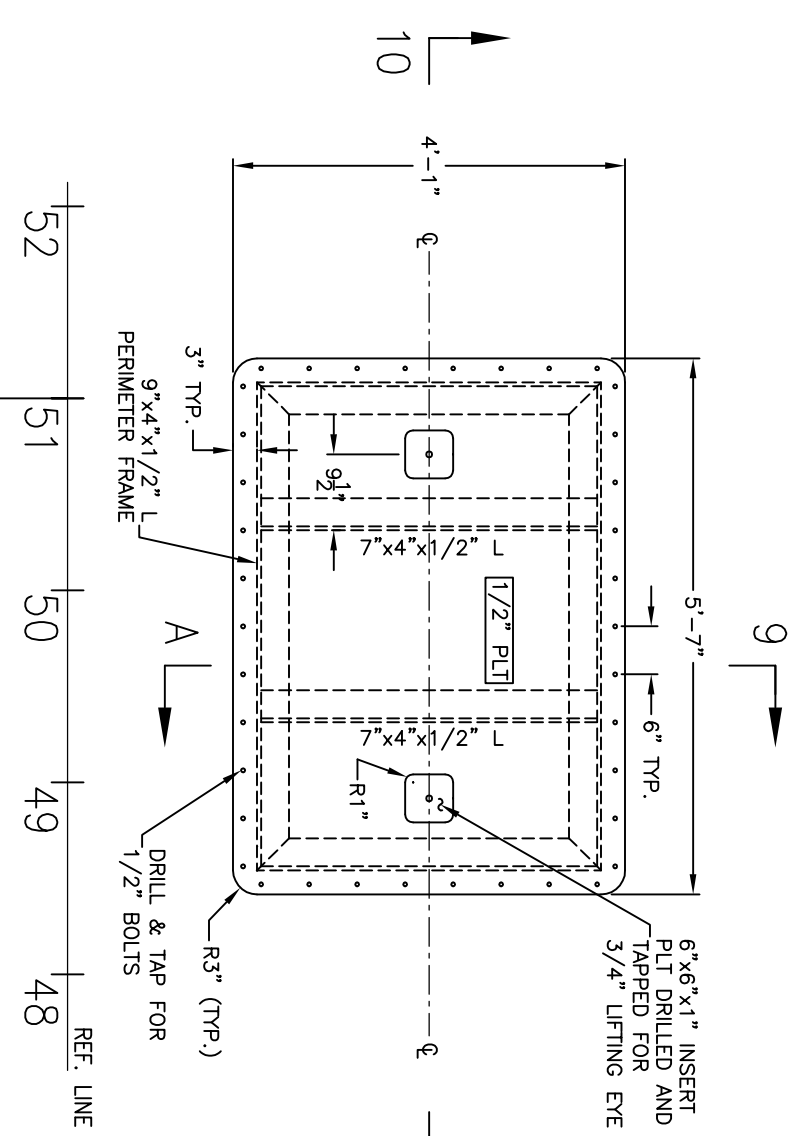
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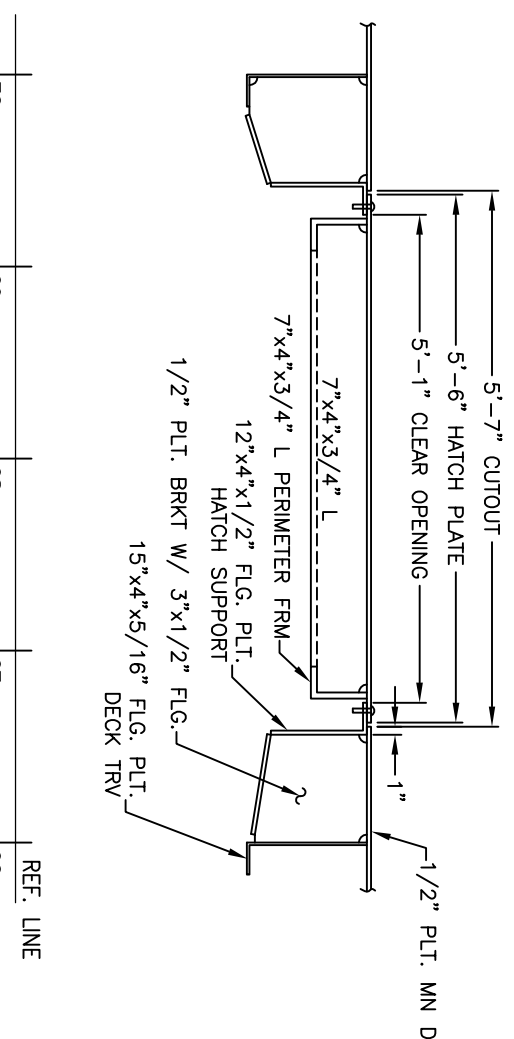
MAIN DECK  
- 14'-4" BAY BASELINE  
- 4" CAMBER, FLATTENED AT ENDS



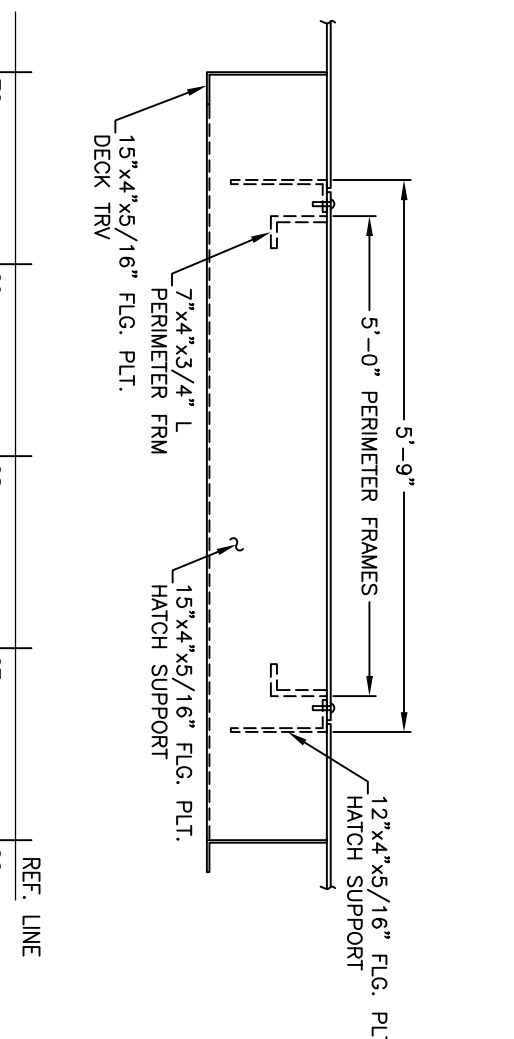
SECTION 11-B  
AUX. ENGINE ROOM  
SCALE: 1/2" = 1'-0"



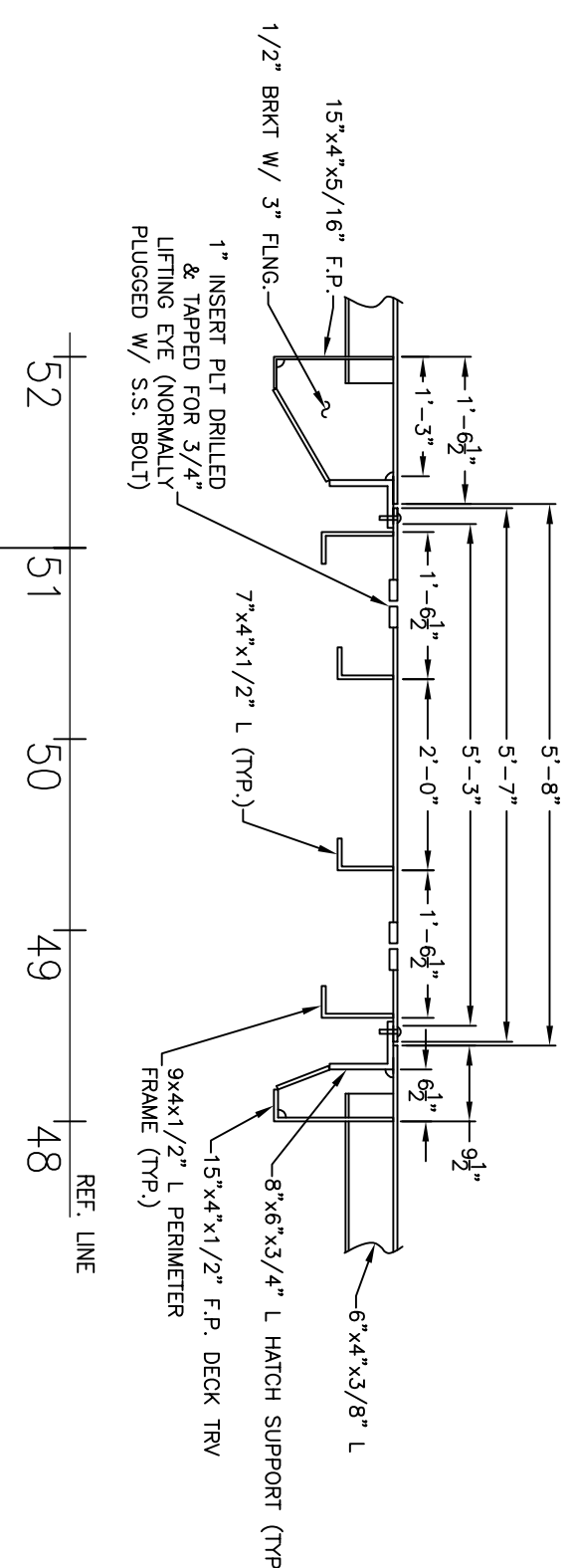
SECTION 10-A  
ENGINE ROOM  
SCALE: 1/2" = 1'-0"



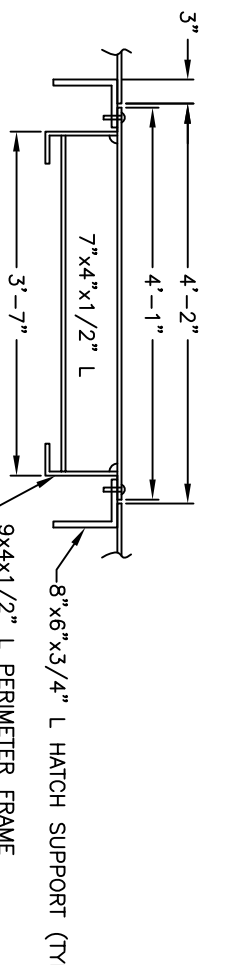
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AUX. ENGINE ROOM  
SCALE: 1/2" = 1'-0"



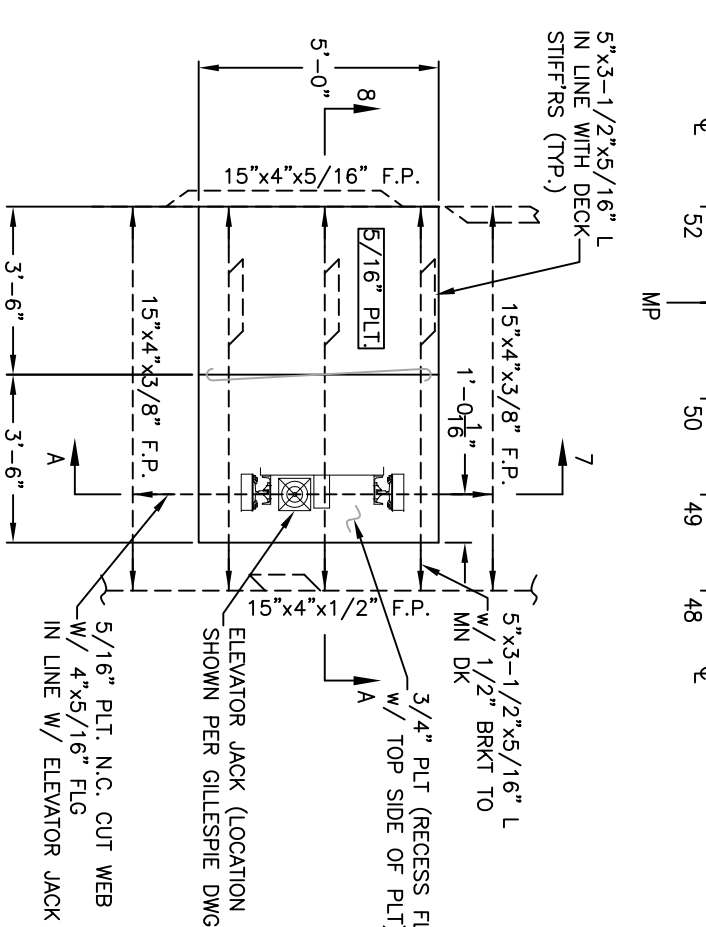
SECTION 11-A  
AUX. ENGINE ROOM  
SCALE: 1/2" = 1'-0"



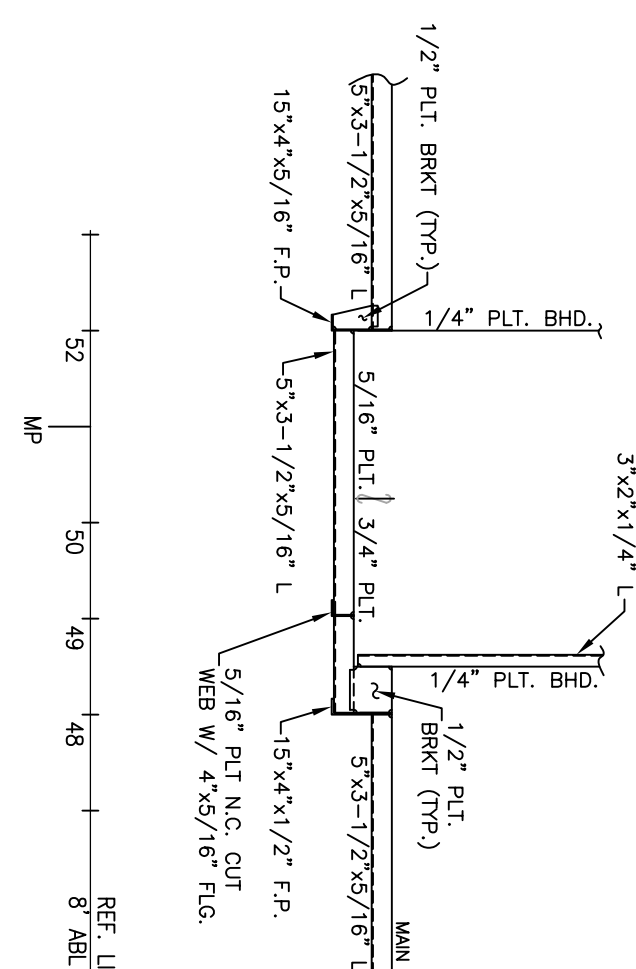
SECTION 10-A  
ENGINE ROOM  
SCALE: 1/2" = 1'-0"



SECTION 9-A  
ENGINE ROOM  
SCALE: 1/2" = 1'-0"



SECTION 8-A  
ENGINE ROOM  
SCALE: 1/2" = 1'-0"



SECTION 7-A  
THROUGH ELEV. JACK  
SCALE: 1/2" = 1'-0"

NO.	DESCRIPTION	DATE	NAME
1	ISSUED FOR BID	11/7/24	R.C.
2	REVISION		

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GILBERT ASSOCIATES, INC.  
100 GROSSMAN DRIVE  
BRANTREE, MA 01914

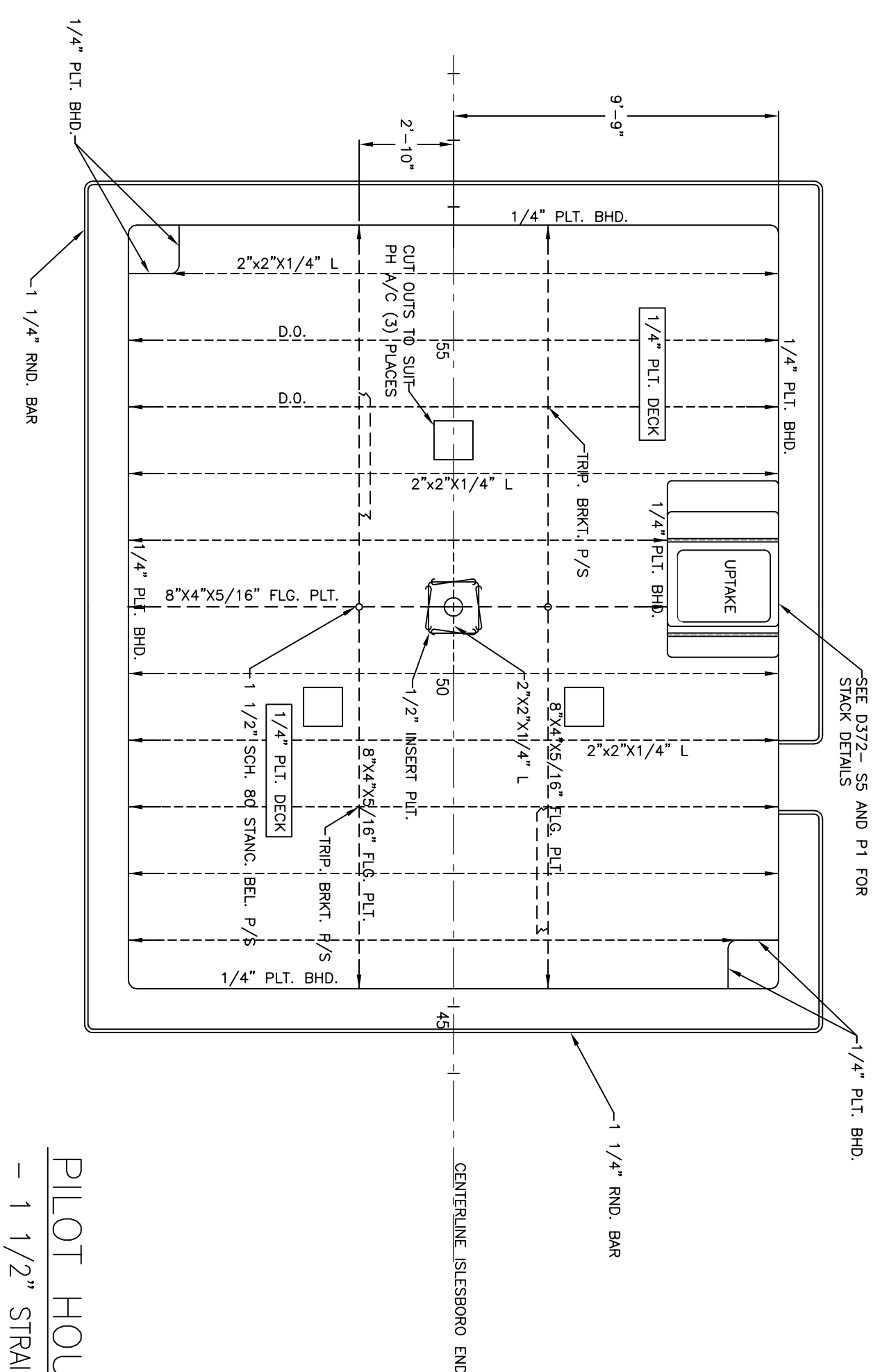
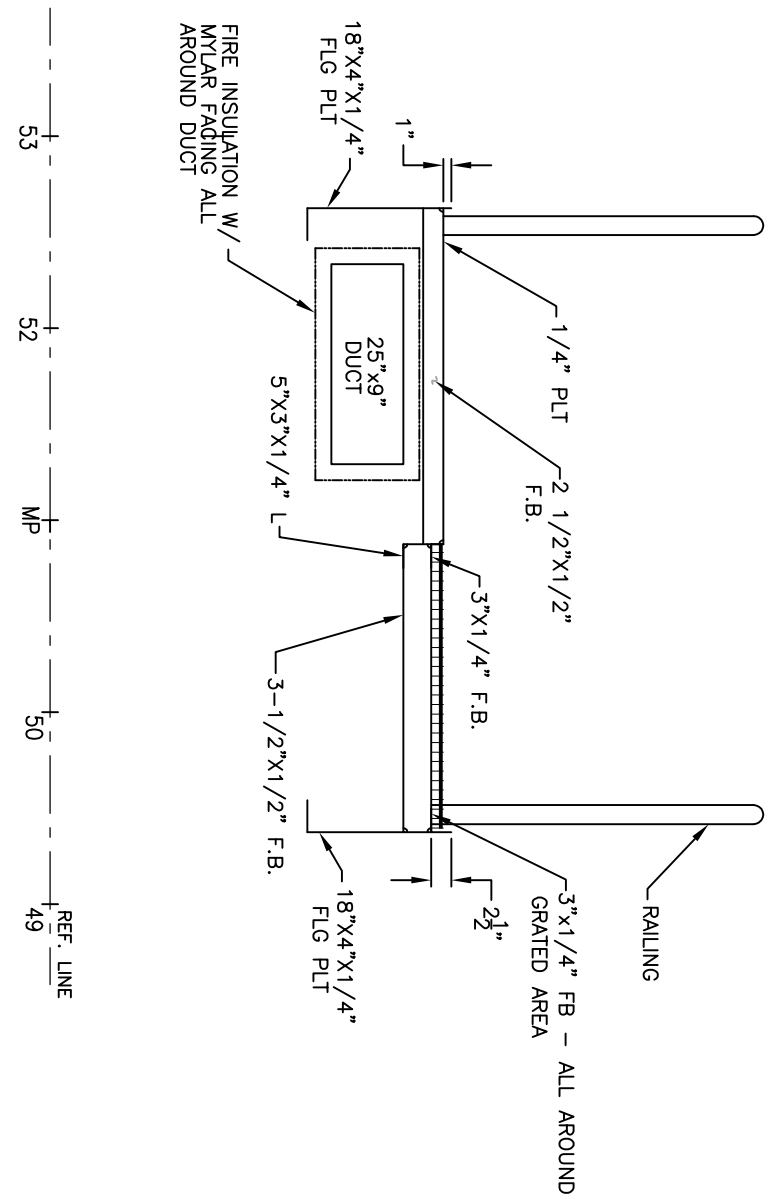
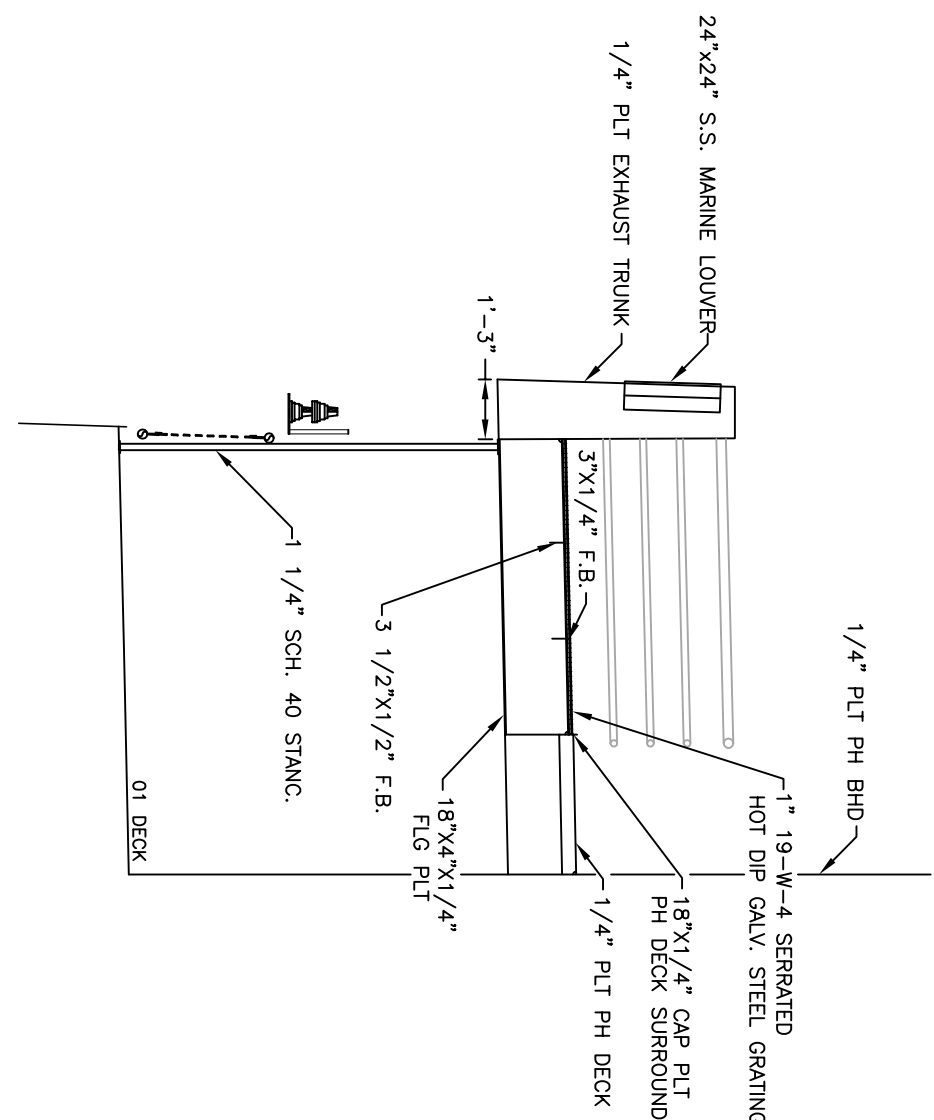
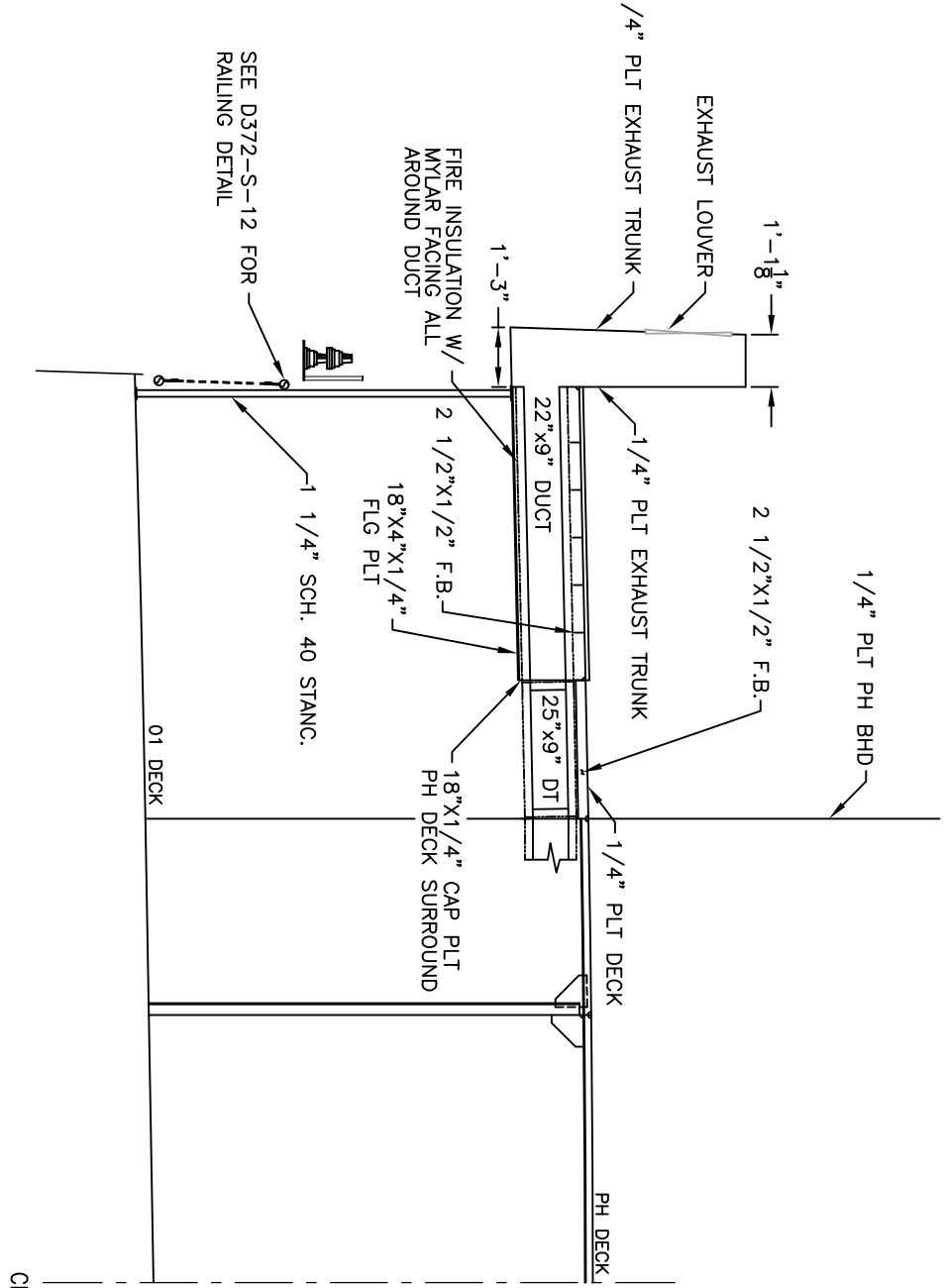
207 FT LOA FERRY VESSEL  
MAINE DOT

DECK SCANTLINGS  
MAIN DECK

DRAWN BY: KYLE GUM  
CHECKED BY: JG  
DATE: 12/16/22  
DATE: 8/20/24

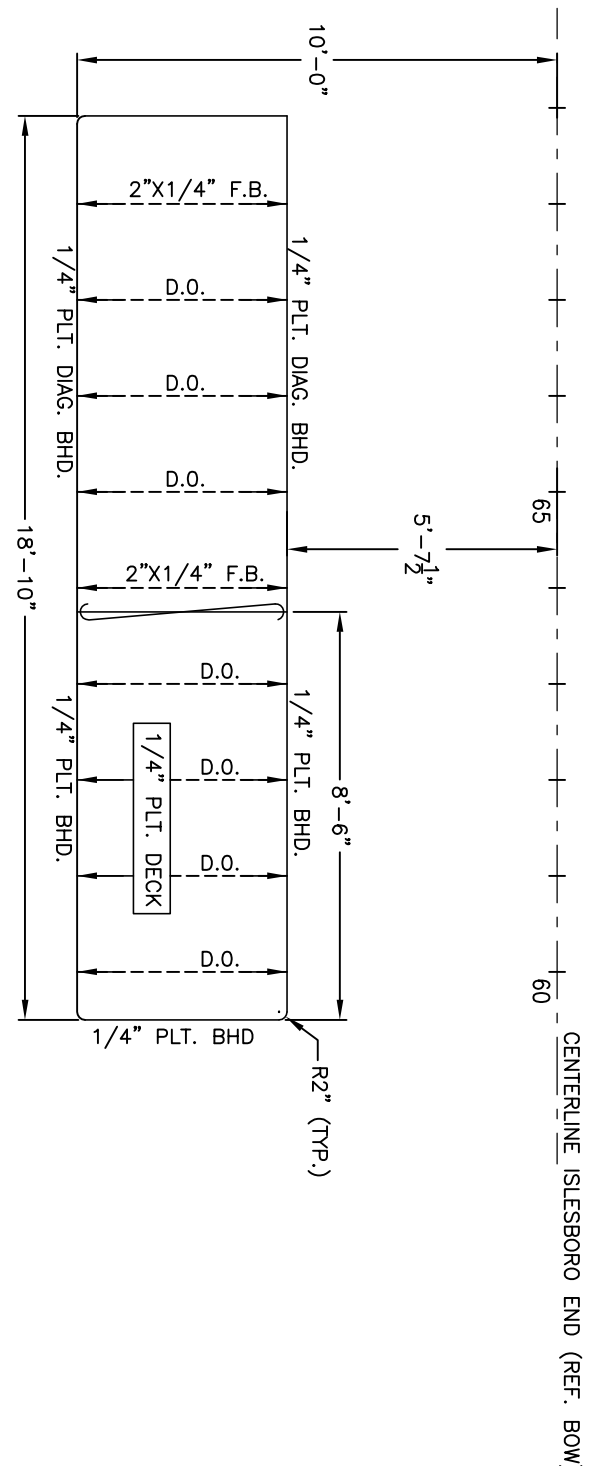
APPROVED BY: [Signature]  
SCALE: 1/4" = 1'-0" OR AS NOTED  
DWG. NO. D372-S7-2  
SHEET 2 OF 3



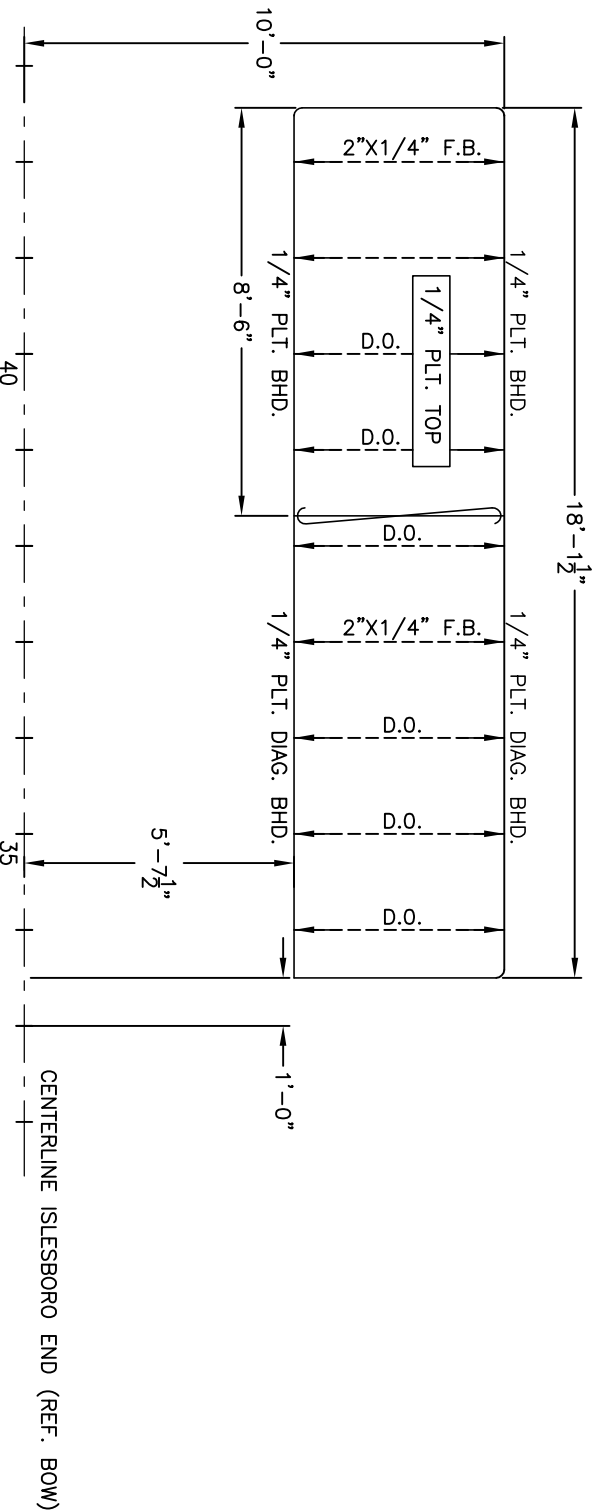


SECTION 18-C  
BRIDGE WING DETAIL  
SCALE: 1/4\"/>

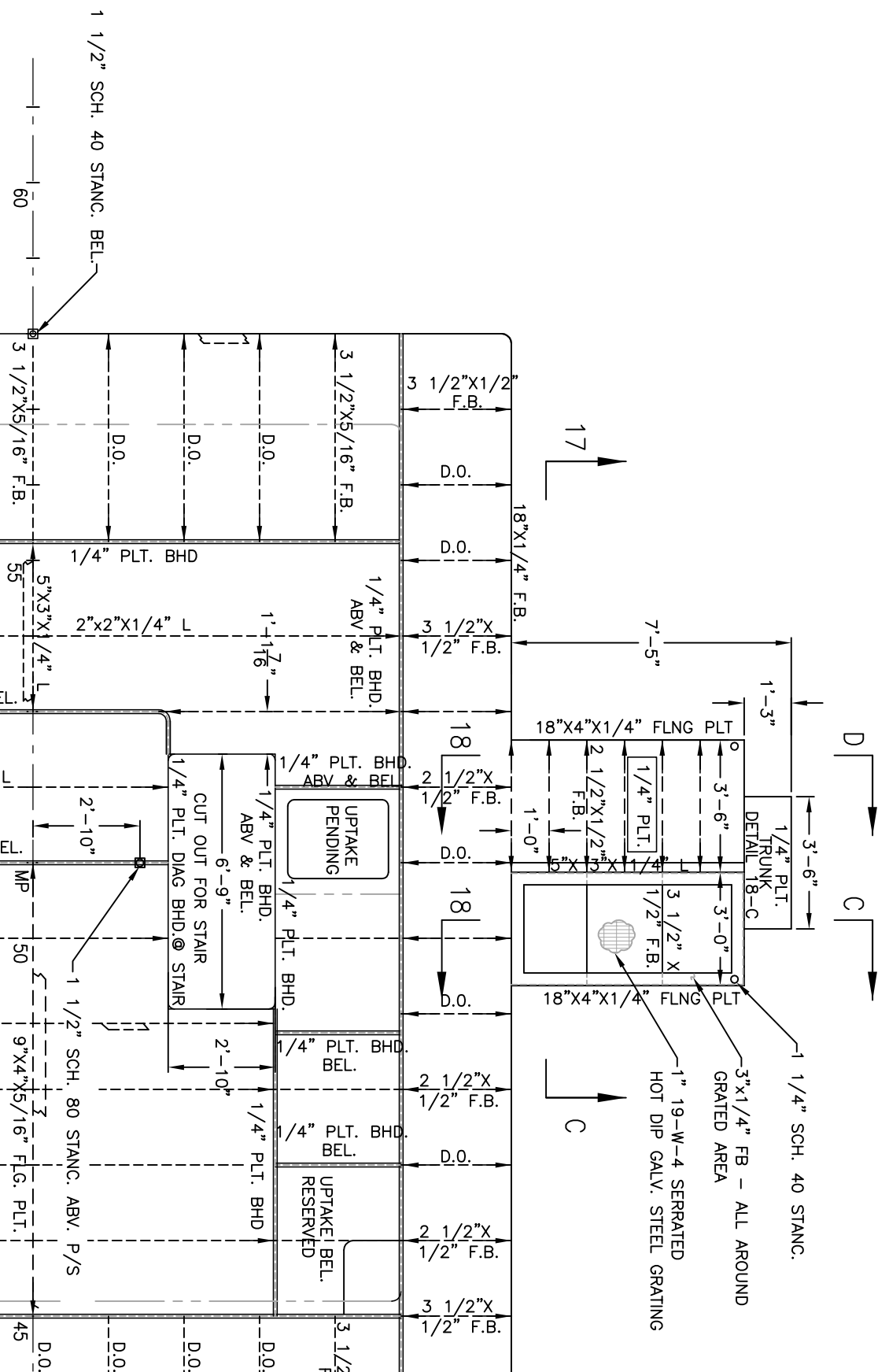
SECTION 17-C  
BRIDGE WING PROFILE  
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STBD. COMPANIONWAY TOP  
- 39'-3\"/>

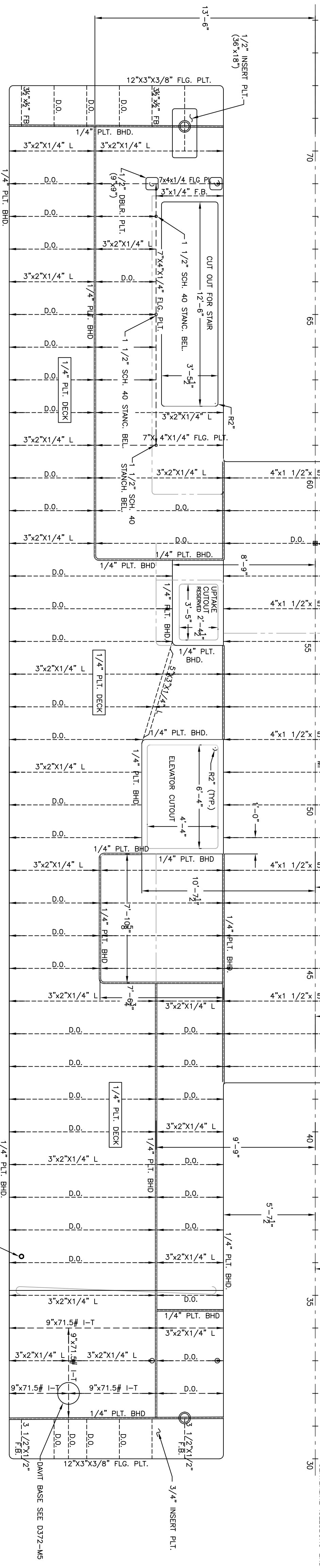
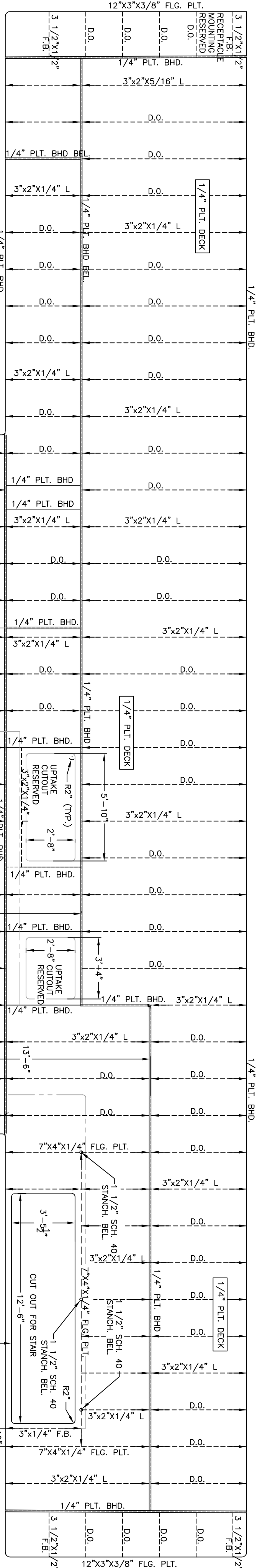


PORT COMPANIONWAY TOP  
- 39'-3\"/>

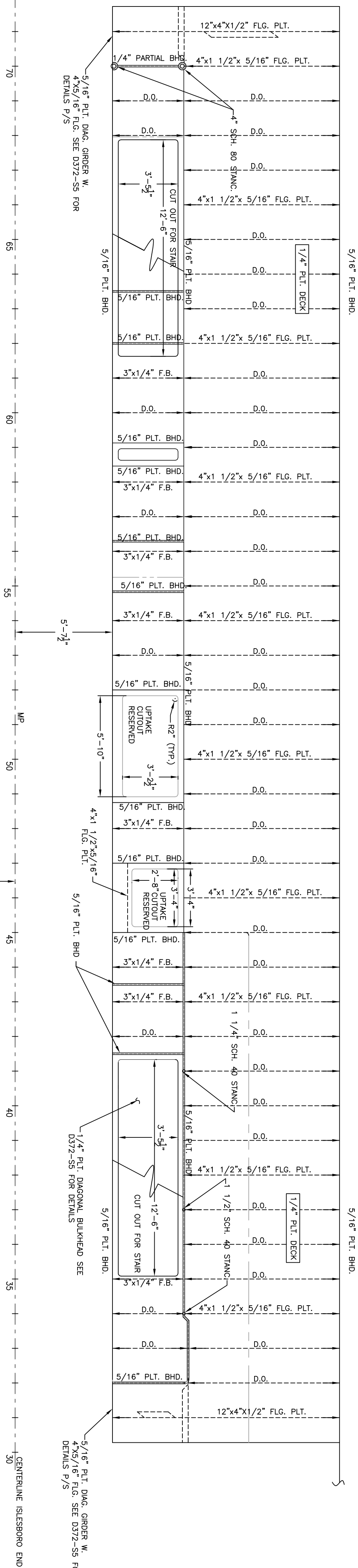


PILOT HOUSE TOP  
- 41'-6\"/>

PILOT HOUSE FLAT  
- 41'-6\"/>



02. DECK  
- 23'-7\"/>



01. DECK  
- 23'-7\"/>

Q.	ISSUED FOR	DATE	NAME
1	ISSUED FOR	11/7/24	K.C.

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**GILBERT ASSOCIATES, INC.**  
MARINE ARCHITECTS  
100 BRICKMAN DRIVE  
BRANTFORD, MA 01934

**207 FT LOA FERRY VESSEL**  
MAINE DOT

DECK SCANTLINGS 01, 02 DECK  
PLOTHOUSE DECK AND TOP

DRAWN BY: KVC, JGMB  
CHECKED BY: JG  
DATE: 12/16/22  
DATE: 8/20/24  
APPROVED BY: SCALE: 1/4\"/>

