



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

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

July 1, 2022
Subject: Matinicus Island Ferry
Replacement
State WIN: 024897.10
Location: **Rockland**
Amendment No. 4

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Bid Book:

CHANGE on page 131, the entire section 633.1 CATHODIC PROTECTION, which begins “Aluminum alloy anodes will be...” to read “**Aluminum alloy anodes will be welded on to the hull and underwater appendages, unless the anode type requires bolting such as those attached onto shafts, attention shall be given to critical areas that could generate electrolysis. Each sea chest and the bow thruster tube shall be fitted with two anodes. There shall be sufficient anode capacity to provide a 24-month minimum protection. Location and final anode count shall be to the approval of the OREP.**” Make this change in pen and ink.

In the Plan Set:

REMOVE sheet D367-P7-1, Alt. 0, and **REPLACE** with the attached, revised sheet D367-P7-1 Alt. 1.

REMOVE sheet D367-P7-2, Alt. 0, and **REPLACE** with the attached, revised sheet D367-P7-2 Alt. 1.

The following questions have been received:

Question: The Notice to Contractors document includes the requirement that all bidders were to attend the mandatory pre-bid conference which was held on Wednesday May 18th. During this call, only 2 shipyards notified the Maine DOT personnel of their attendance (Conrad Shipyard and Steiner Shipyard). Please confirm that only proposals from the bidders who attended the mandatory pre-bid meeting will be accepted. It appears a potential third shipyard, who did not attend the mandatory pre-bid meeting, is asking questions related to this RFP.

Response: Additional shipyards may bid the project provided they meet the criteria stated in Bid Amendment No. 1.

Question: Please confirm quantity of fire stations. The Drawing shows 4, while the specification discusses 6 locations.

Response: Fire station quantity shall be as shown on Plans D367-P7-1 and D367-P7-2 as discussed in next paragraph. There are 4 fire stations shown on plan D367-P7-1 and 2 fire stations shown on plan D367-P7-2. Specifications, in Section 521.1.1, page 69 of 108 list 6 fire stations. Also see next paragraph regarding change to number of fire hoses and nozzles in Bill of Material on plan D367-P7-2.

Question: Can you provide the preferred full mailing address in which to send the bid packages for proposal submittal. The Notice to contractors does not have an address number nor zip code.

Response: MaineDOT Headquarters, 16 State House Station, Augusta Maine 04333-0016.

Question: Can the DOT provide a bid bond form, or location thereof, which does not have "SAMPLE" added to the cover.

Response: MaineDOT will accept any Bid Bond that contains the same information as specified on the sample bond provided.

Consider these changes and information prior to submitting your bid on **July 20, 2022**.

Sincerely,



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

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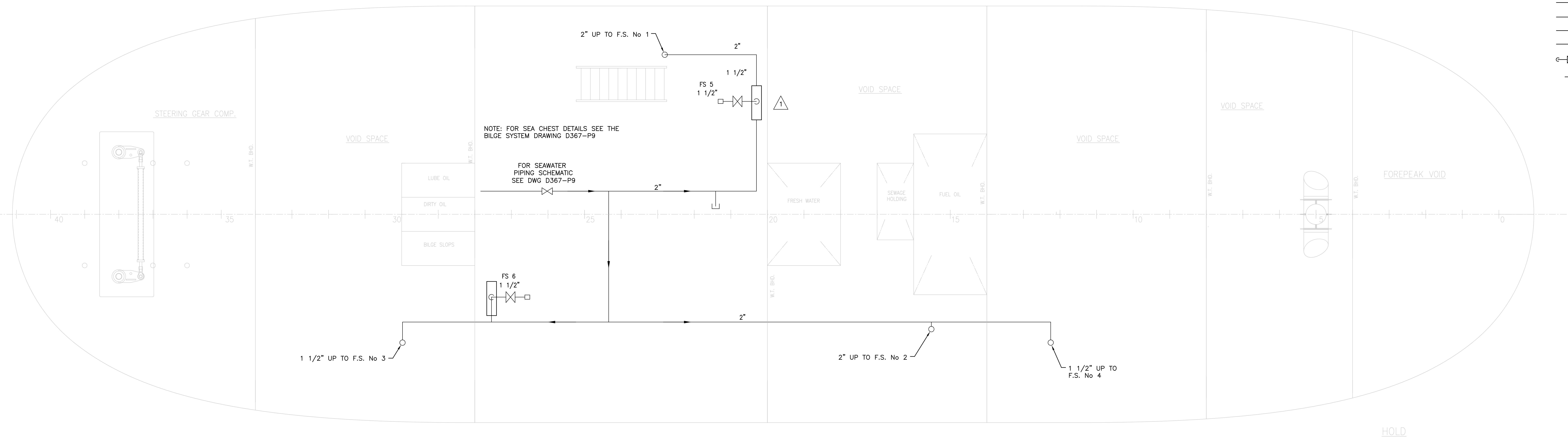
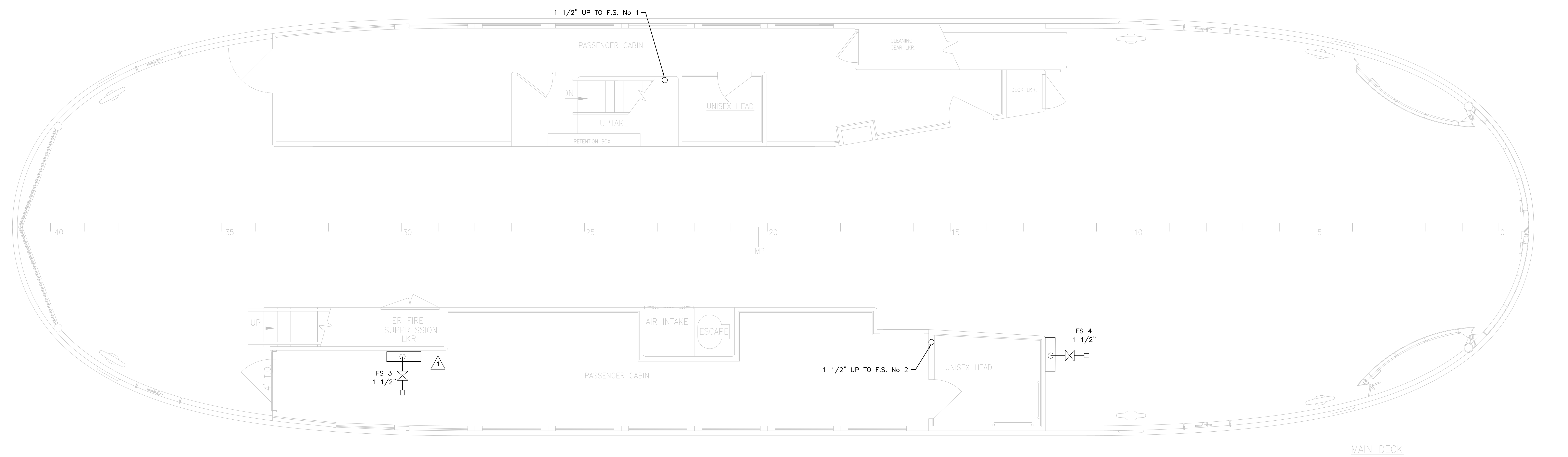
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5 4 3 2 1



- SYMBOLS**
- PIPE RUN OVERHEAD
 - PIPE RUN BELOW DECK/FLOOR PLATES
 - PIPE RUN UP
 - ⊖ PIPE RUN DOWN
 - ⊕ PIPE RUN UP AND DOWN
 - ⊕-□ 1 1/2" CONNECTION
 - DRAIN

| 1 | CORRECTION TO LINEWEIGHT-REPLLOT | 6/29/22 | KVC |
|--|----------------------------------|---|------------|
| 0 | ISSUED FOR BID | 4/20/22 | KVC |
| ALT | DESCRIPTION | DATE | NAME |
| GILBERT ASSOCIATES, INC. | | | |
| NAVAL ARCHITECTS MARINE ENGINEERS | | 100 GROSSMAN DRIVE BRAINTREE, MA 02164 | |
| 104 FT LOA PASSENGER/VEHICLE FERRY | | | |
| FIRE MAIN SYSTEM PIPING SCHEMATIC | | | |
| DRAWN BY | KC | DATE | 05/17/2021 |
| CHECKED BY | JG | DATE | |
| APPROVED BY | | DATE | |
| SCALE 3/8" = 1'-0" | | | |
| DWG. NO. | D367-P7-1 | ALT. | 1 |

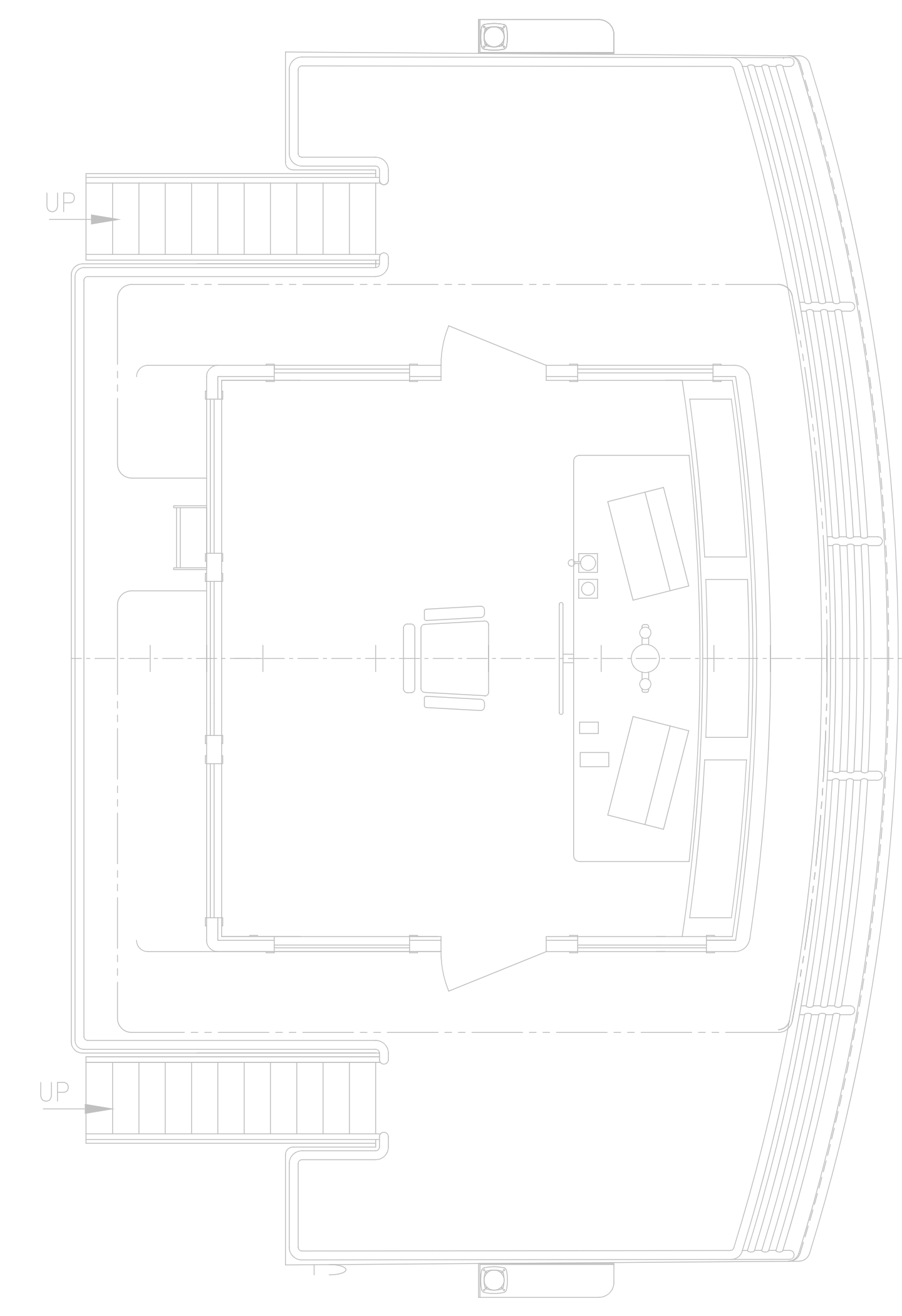
BILL OF MATERIALS

| ITEM | QUANTITY | SPECIFICATION | MATERIAL |
|--|-----------|---|--|
| 3" 2" 1 1/2" GALVANIZED STEEL PIPE (ABOVE SEA VALVE) | AS NEEDED | FURNACE BUTT-WELDED STEEL, SCH. 80 GALVANIZED W/ STEEL PLATE SLIP-ON OR FORGED STEEL JOINTS SOCKET WELDED FLANGE, GALV. | ASTM A53 |
| VALVES BRONZE GATE VALVES 150# CHECK VLVS BRONZE THRD 300# | AS NEEDED | BRONZE SCREWED OR FLANGED, W/ BRONZE MOUNTINGS | ASME SB62 ANSI B16.24 MSS SP-6,9,25,80 |
| STEEL FITTINGS, TEES, AND ELBOWS IN BILGE SYSTEM | AS NEEDED | CARBON STEEL SCREWED ENDS, GALV. SCH 80 | ASTM A234 ASME B16.1 THRU ASME B16.11 |
| FIRE PUMP / STAND-BY BILGE PUMP | 1 | MP HHLF 15 SELF-PR CENTRIF. 2"x2", 6.7" IMPELLER, 7.5 HP, 3PH, 3450 RPM TEFC MOTOR | BRONZE |
| HOSE NOZZLE | 6 | 1 1/2" BRASS NOZZLE W/ 5/8" ORIFICE -- USCG APPROVED AKRON OR EQUAL | -- |
| HOSE | 6 | 1 1/2" x 50' SINGLE JACKET USCG | UL 19 |

NOTE: FOR MATERIALS FROM SEACHEST TO MAIN BRANCH VALVE, SEE THE BILGE SYSTEM DRAWING D367-P9

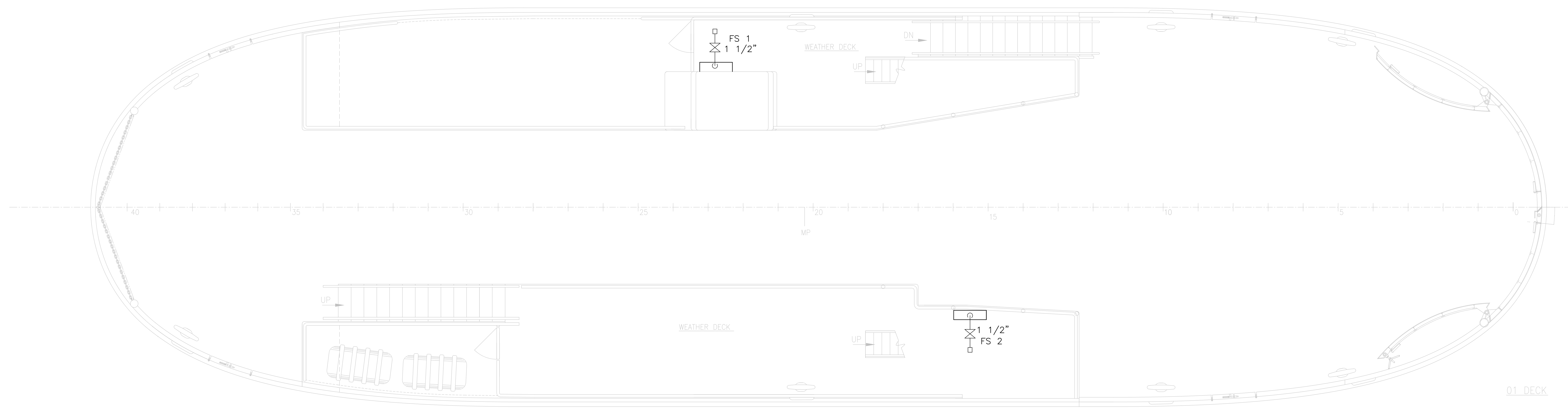
GENERAL NOTES

- THIS DRAWING IS SCHEMATIC ONLY, AND DOES NOT INTEND TO LOCATE ANY PIPING, FITTINGS, OR EQUIPMENT EXCEPT IN GENERAL OR AS NOTED.
- FINAL LOCATION OF ALL PIPES AND FITTINGS SHALL BE DETERMINED ON THE VESSEL TO BEST SUIT INSTALLATION.
- SIZES SHOWN ARE SHOWN AS MINIMUMS. IF NECESSARY, ADJUSTMENTS SHALL BE MADE AS REQUIRED BY THE EQUIPMENT AND SYSTEMS TO ASSURE SATISFACTORY OPERATION.
- ALL VALVES CONTROLLING AN INDIVIDUAL SYSTEM SHALL BE GROUPED AS MUCH AS POSSIBLE.
- ALL VALVES AND SYSTEMS SHALL HAVE IDENTIFYING MARKS AND LABELS. FIRE EQUIPMENT SHALL BE LABELED IN ACCORDANCE WITH 46 CFR 78.47
- ALL THROUGH-HULL CONNECTIONS SHALL HAVE VALVES FITTED AS CLOSE AS POSSIBLE TO THE HULL TO COMPLY WITH 46 CFR 56.50-95
- ALL VALVES SHALL BE LOCATED TO PROVIDE EASY ACCESS AT ALL TIMES.
- ALL SYSTEMS SHALL BE INSTALLED WITH UNIONS TO PROVIDE FOR REMOVAL OF EQUIPMENT OR PIPE AND FOR SYSTEM CLEANING IN EACH WATER TIGHT COMPARTMENT. SYSTEMS SHALL ALSO HAVE PROVISIONS FOR EXPANSION OF PIPE BETWEEN EACH WATERTIGHT BULKHEAD.
- THE BULKHEAD PIPING PENETRATION SHALL HAVE REINFORCEMENT AROUND THE PIPING AND BE WELDED ON BOTH SIDES OF THE PENETRATION.
- THE FIRE MAIN SYSTEM SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF SUBCHAPTER T 46 CFR 118.3 AND APPLICABLE PORTIONS OF 46 CFR 56.50 AND 56.55
- EACH PUMP DISCHARGE SHALL BE FITTED WITH A PRESSURE GAUGE.
- ALL PIPING VALVES AND FITTINGS SHALL BE INSTALLED WITH REGARD TO GOOD MARINE PRACTICE AND SUITABLE FOR ITS INTENDED PURPOSE. THE INSTALLATION, TESTING, AND WORKMANSHIP SHALL BE TO THE SATISFACTION OF THE U.S. COAST GUARD OFFICER IN CHARGE MARINE INSPECTION (O.C.M.I.)
- SYSTEMS SHALL BE DESIGNED WITH MEANS FOR COMPLETE DRAINAGE. ALL PIPE RUNS ON SLOPE FOR DRAINAGE WITH PIPE PLUGS OR CAPS AT LOW POINTS.
- THE FIRE PUMP SHALL BE CAPABLE OF DELIVERING TO THE HIGHEST FIRE HOSE STATION A PITOT TUBE PRESSURE OF 50 PSI AT THE HOSE OUTLET PER 46 CFR 118.300(b)
- THE FIRE PUMP SHALL BE CAPABLE OF BOTH REMOTE OPERATION FROM THE PILOTHOUSE AND LOCAL OPERATION AT THE PUMP PER 46 CFR 118.300(e)
- THE FIRE PUMP PERFORMANCE DATA & MOTOR SELECTION SHALL BE CONFIRMED WITH THE MANUFACTURER PRIOR TO PURCHASE.



SYMBOLS

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- PIPE RUN DOWN
- PIPE RUN UP AND DOWN
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| APPROVED BY | | DATE | |
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| DWG. NO. | D367-P7-2 | ALT. | 1 |