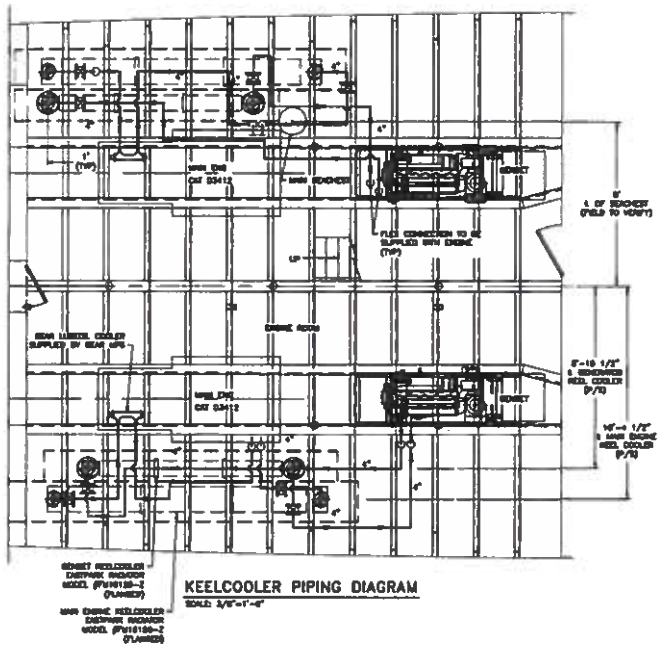
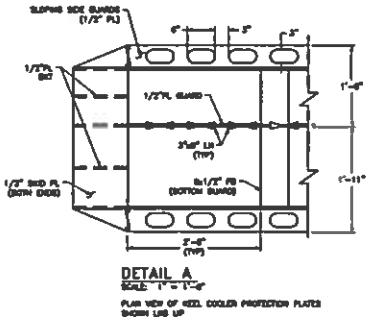
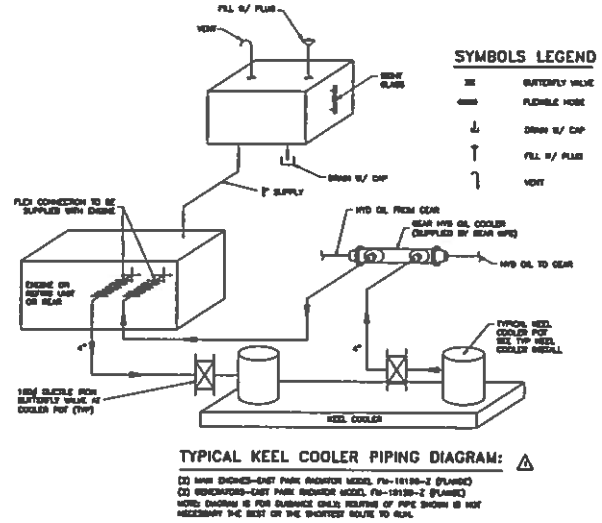
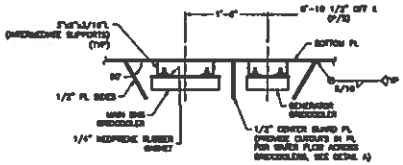
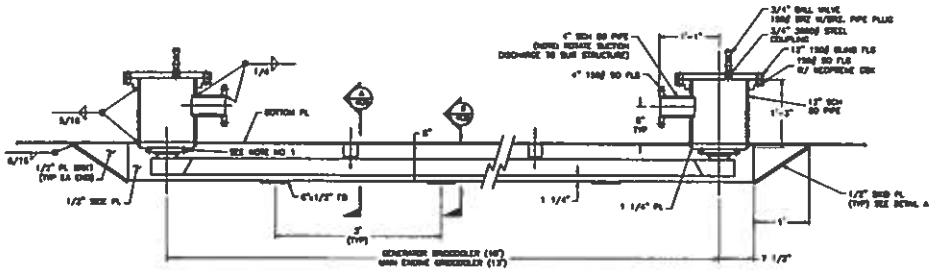
Attachment E - 2382 - 405-RV PELICAN - KEEL - COOLER - PLAN

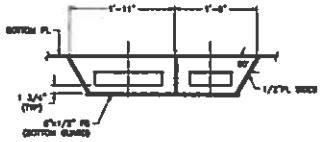


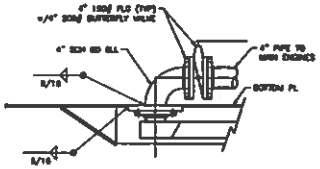




## GENERAL NOTES:

1. DRILL Ø TAP 1-1/4" FL FOR 5/8" SS STUDS TO SUIT KEEL COOLER FLANGE. SUPPLY SS FLAT WASHER AND SS HEX NUTS W/ LK WASHER (TYPE 316 SST).
2. KEEL COOLER INSTALLATION SHOWN IS FOR A EAST PARK ANCHOR MODEL COOLER WITH FLANGED CONNECTION AT EACH END. ACTUAL INSTALLATION MAY VARY WITH DIFFERENT MODEL COOLERS OR MANUFACTURERS.
3. ALL PIPING TO BE SCH 80 316 SS STL, ASTM A-53, AND SCH.10 GRADE "B".
4. ALL FITTINGS TO BE BUTT WELDED 316 STL, ASTM A-234, AND B16.5.
5. SYSTEM WORKING PRESSURE 30PSI.
6. KEEL COOLER HULL SEACHEST TO HAVE SOKED BUTTERFLY VALVES. 300#, LUG TYPE, DUCTILE IRON, ASTM A-395 OR EQUAL.
7. PIPING SYSTEM SHALL BE FLUSHED, CLEANED, AND INSPECTED PRIOR TO ACCEPTANCE.
8. ALL WELDING AND BRAZING IS TO BE IN ACCORDANCE WITH USCG AND ABS REQUIREMENTS.
9. PIPING SHALL BE SUFFICIENT FLEXIBILITY TO PREVENT OVERSTRESSING OF PIPING MATERIALS, LEAKAGE OF JOINTS OR DISTORTION OF CONNECTED EQUIPMENT.

REFERENCE:
EQUIPMENT DESIGN, INC. DRAWING NO. 8074-PL, PIPING SCHEMATIC, REVISION 0, 06/08/93

NOTE:
THIS DRAWING SHALL BE USED STRICTLY FOR GUIDANCE PURPOSES AND FOR ILLUSTRATION OF THE PROJECT SPECIFICATIONS.

| NO. | DESCRIPTION | DATE | APP'D |
|---|---|---|---|
| | ALTERATIONS | | |

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INCORPORATED
NAVAL ARCHITECTS AND MARINE ENGINEERS
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OWNER:
LOUISIANA UNIVERSITIES MARINE CONSORTIUM
DEFLUIT MARINE CENTER
8124 HIGHWAY 56
CHAUVIN, LA 70344

| DRAWN | DATE | CHECKED | DATE | APPROVED | DATE |
|---|---|---|---|---|---|
| AJP | 7/19/02 | AA | 7/19/02 | LB | 7/19/02 |

TITLE:
R/V PELICAN
116'-4" x 26'-6" x 12'-0" ORV
KEEL COOLER PIPING AND COOLER INSTALLATION DETAILS

| SCALE | FILE NO. | DWG. NO. | ALT. |
|---|---|---|---|
| AS NOTED | 2382 | 2382-405 | 00 |