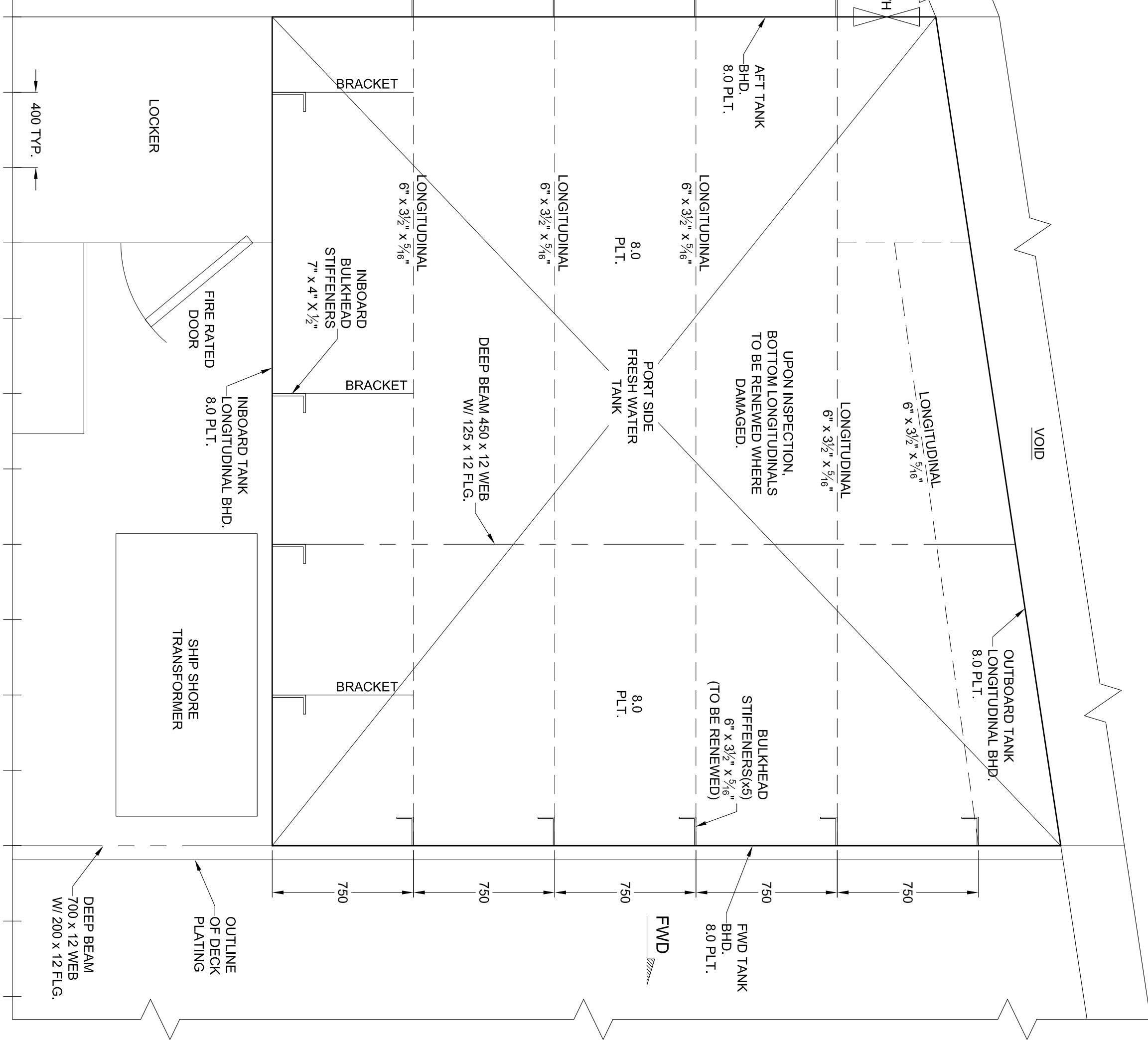
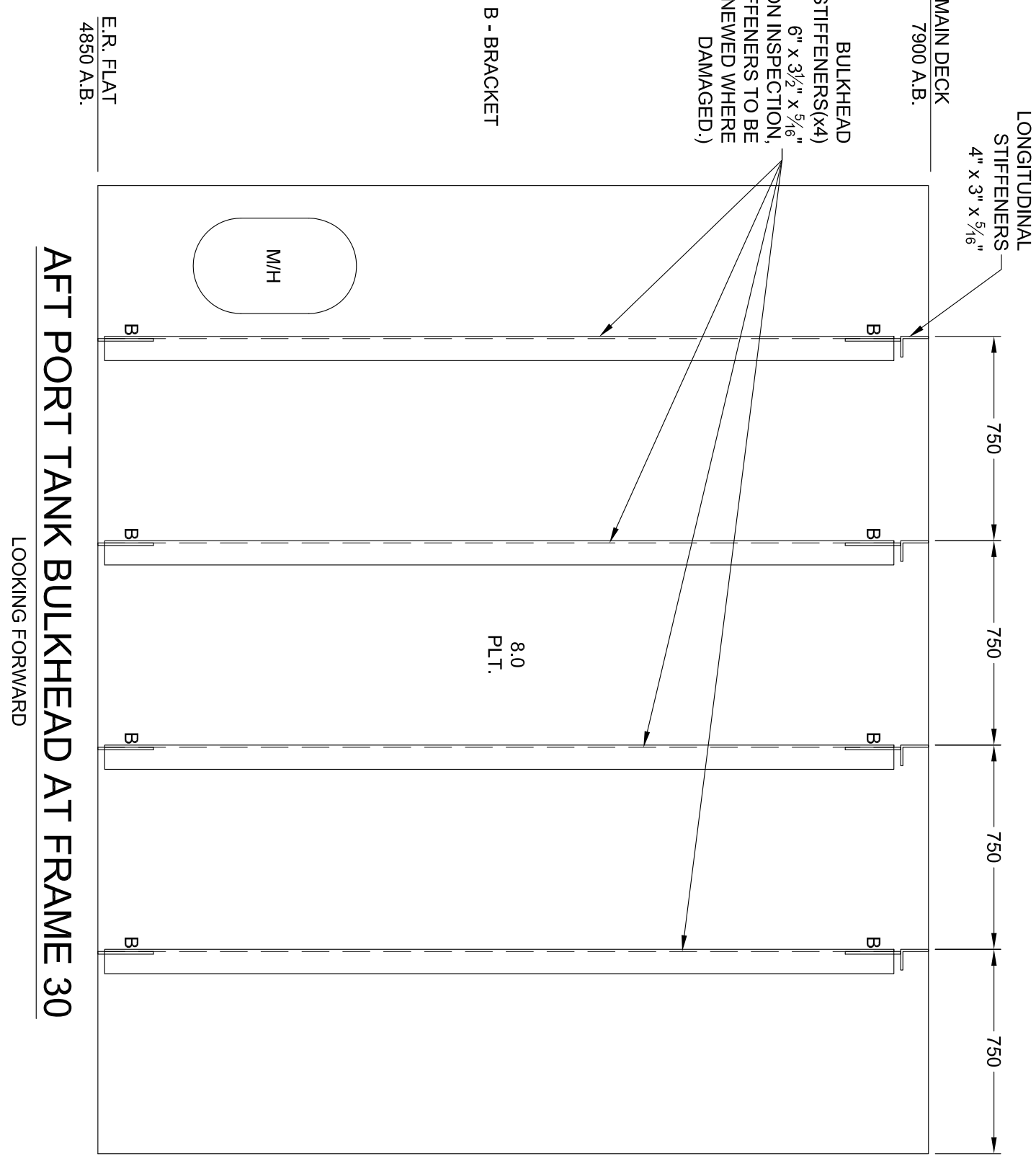


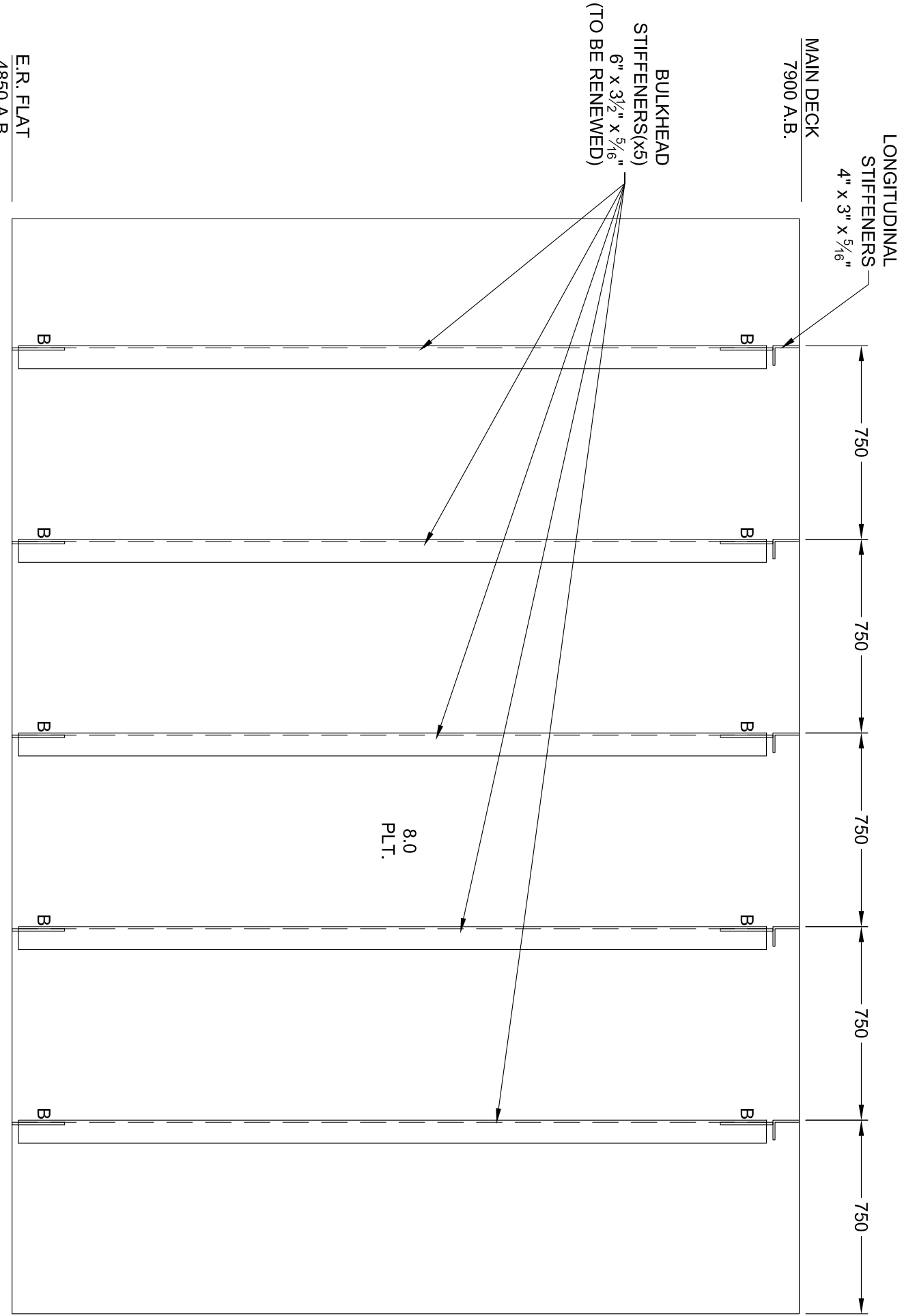
PLAN VIEW - TANK TOP / MAIN DECK @ 7900 A.B.



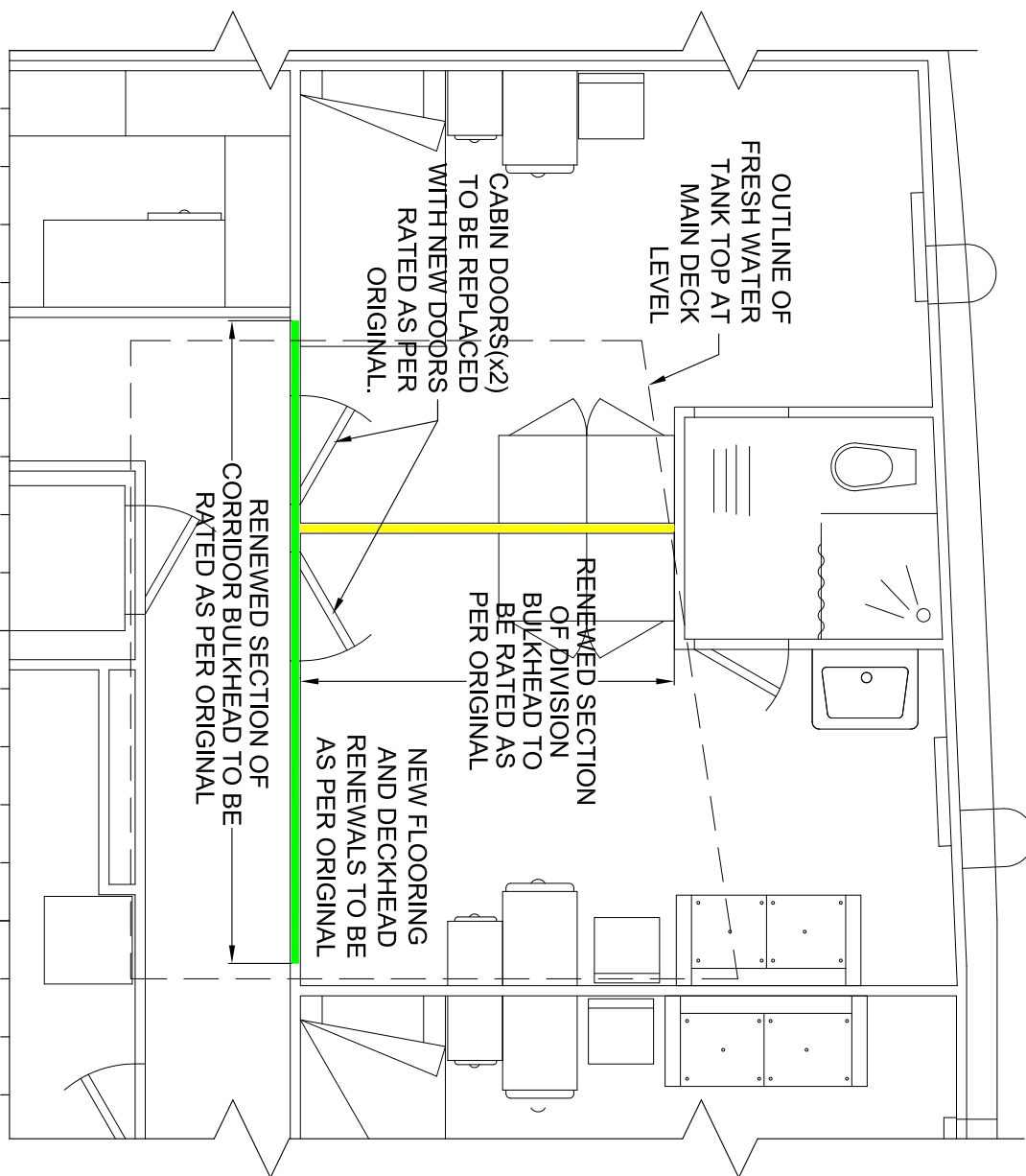
PLAN VIEW - ER FLAT @ 4850 A.B.



AFT PORT TANK BULKHEAD AT FRAME 30



FORWARD PORT TANK BULKHEAD AT FRAME 41



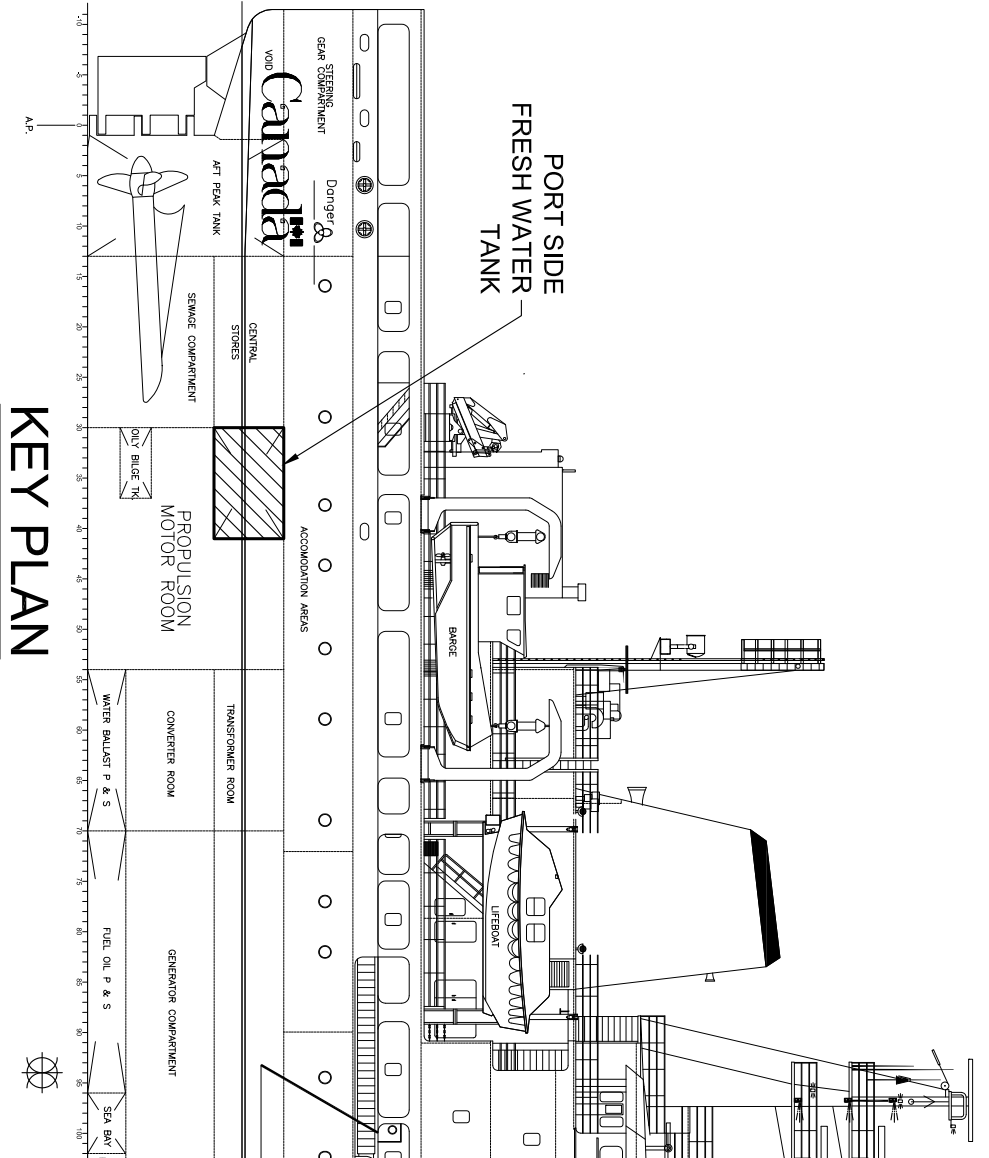
PLAN VIEW - MAIN DECK

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS UNO. AND ARE TO BE CONFIRMED BY CONTRACTOR.
2. ALL REPAIRS TO FOLLOW THE ACS NO. 47 SHIPBUILDING AND REPAIR QUALITY STANDARD
3. ALL NEW MATERIALS TO BE GRADE 44W OR EQUIVALENT. CONTRACTOR TO PROVIDE STEEL MILL CERTIFICATES PRIOR TO THE START OF REPAIRS.
4. ALL EDGES TO BE GRINDED SMOOTH TO ENSURE NO SHARP EDGES
5. ALL WELDING OF RENEWALS TO BE AS PER ORIGINAL.
6. ALL INSERT PLATES TO HAVE 4" RADIUS CORNERS.
7. ALL WELDINGWELDERS TO CONFORM TO THE FOLLOWING STANDARDS/CERTIFICATION:
 - CSA W59.03 (R2009) WELDED STEEL CONSTRUCTION
 - CSA W47.1-08 CERTIFICATION OF COMPANIES FOR FUSION WELDING OF STEEL
8. FULL PENETRATION WELDS TO RECEIVE 100% UT.
9. ALL NOT WORK TO BE COMPLETED BY A CGSB LEVEL II OR GREATER QUALIFIED TECHNICIAN.
10. ALL NEW AND EXISTING STIFFENER AND PLATING WELD SEAMS TO HAVE 100% NOT WORK COMPLETED.
11. UPON COMPLETION OF REPAIRS TO TANK, IT SHALL BE PRESSURE TESTED TO 3 PSIG AND HELD TO A DURATION SATISFACTORY TO THE ATTENDING TOMS SURVEYOR. TEST FOR LEAKS WOULD BE BY SOAP SOLUTION. DURING THE PRESSURE TEST, ALL WELDING IN WAY OF THE REPAIRS WILL BE TESTED WITH A DYE PENETRANT TO DETERMINE IF ANY WELD DEFECTS EXIST.
12. ALL WORK TO BE COMPLETED TO THE SATISFACTION OF THE ATTENDING TOMS SURVEYOR AND VESSEL REPRESENTATIVE.

STEEL RENEWAL NOTES:

1. ALL EXISTING PLATING FOR TANK BULKHEADS AND TANK TOP/BOTTOM IS 8.0mm. IT IS INTENDED THAT ALL PLATING IN WAY OF DAMAGED BULKHEADS, TANK TOP/BOTTOM BE DRAWN BACK TO ORIGINAL POSITIONS.
2. DURING THE INITIAL TANK INSPECTION, THE TANK STIFFENERS ON BOTTOM WERE NOT INSPECTED. AN ALLOWANCE MUST BE MADE TO REPLACE ALL OF THE STIFFENERS ON AFT BULKHEAD AND THE LONGITUDINAL STIFFENERS ON THE TANK BOTTOM SHOULD THEY INDICATE SIGNS OF DAMAGE DURING INSPECTION.



KEY PLAN

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RENEWALS TO FRESH WATER TANK

CLIENT: DFO - VESSEL SERVICES			
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