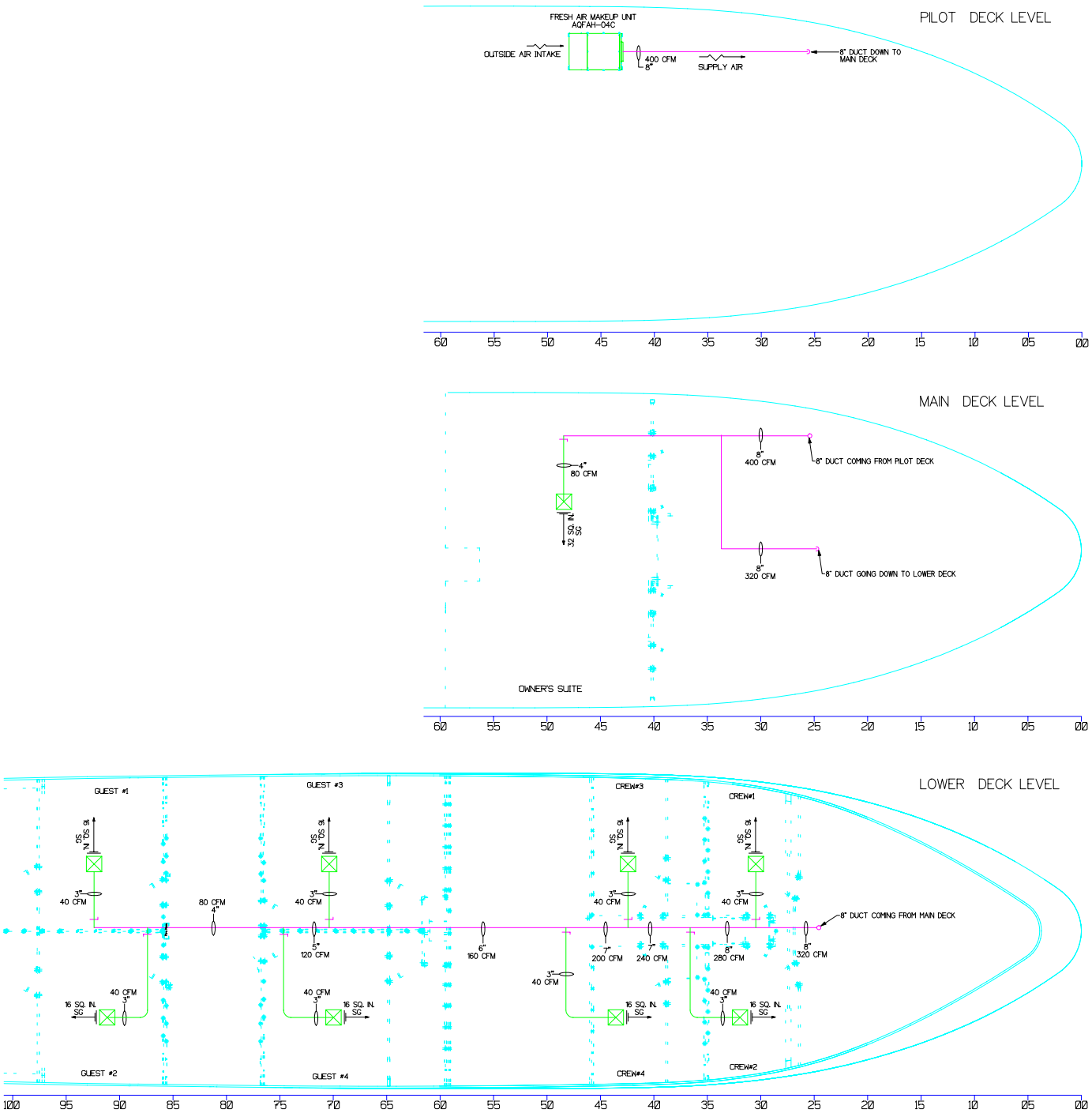
FRESH AIR MAKEUP UNIT DUCTING DIAGRAM



LEGEND

- SUPPLY GRILL OR REGISTER
- MAIN SUPPLY DUCT
- MANUAL VOLUME DAMPER
- BRANCH SUPPLY DUCT
- DUCT COMING FROM UPPER LEVEL
- DUCT GOING DOWN

NOTES:

1) WHEN APPLICABLE, FRESH AIR DISCHARGE INTO ROOMS TO BE AT SIDE OPPOSITE BATHROOM EXHAUST FAN LOCATION.
2) ALL SUPPLY BRANCHES MUST INCLUDE AN IN-LINE DAMPER TO PERFORM FINAL FLOW BALANCE.
3) ALL DUCTS TO BE INSULATED W/ MINIMUM R-6 INSULATION.
4) DUCT DIMENSIONS SHOWN ARE FOR ROUND DUCT. IF RECTANGULAR DUCTS ARE USED, REFER TO ASHRAE HANDBOOKS FOR EQUIVALENT RECTANGULAR DUCT DIMENSION.
5) A P-TRAP MUST BE INSTALLED IN THE DRAIN LINE OF EACH FRESH AIR UNIT TO FACILITATE DRAINAGE. BOTH DRAINS ON EACH UNIT MAY BE COMBINED INTO A SINGLE DRAIN LINE BY THE USE OF A TEE.
6) GRILL SIZES IN SQUARE INCHES (SQ. IN.) SHOWN ARE MINIMUM. DO NOT USE A GRILL WHICH IS TOO LARGE AS THIS WILL NEGATIVELY AFFECT AIR CIRCULATION.

AQUA-AIR MARINE AIR CONDITIONING SYSTEMS

FRESH AIR MAKEUP UNIT DUCTING DIAGRAM

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