

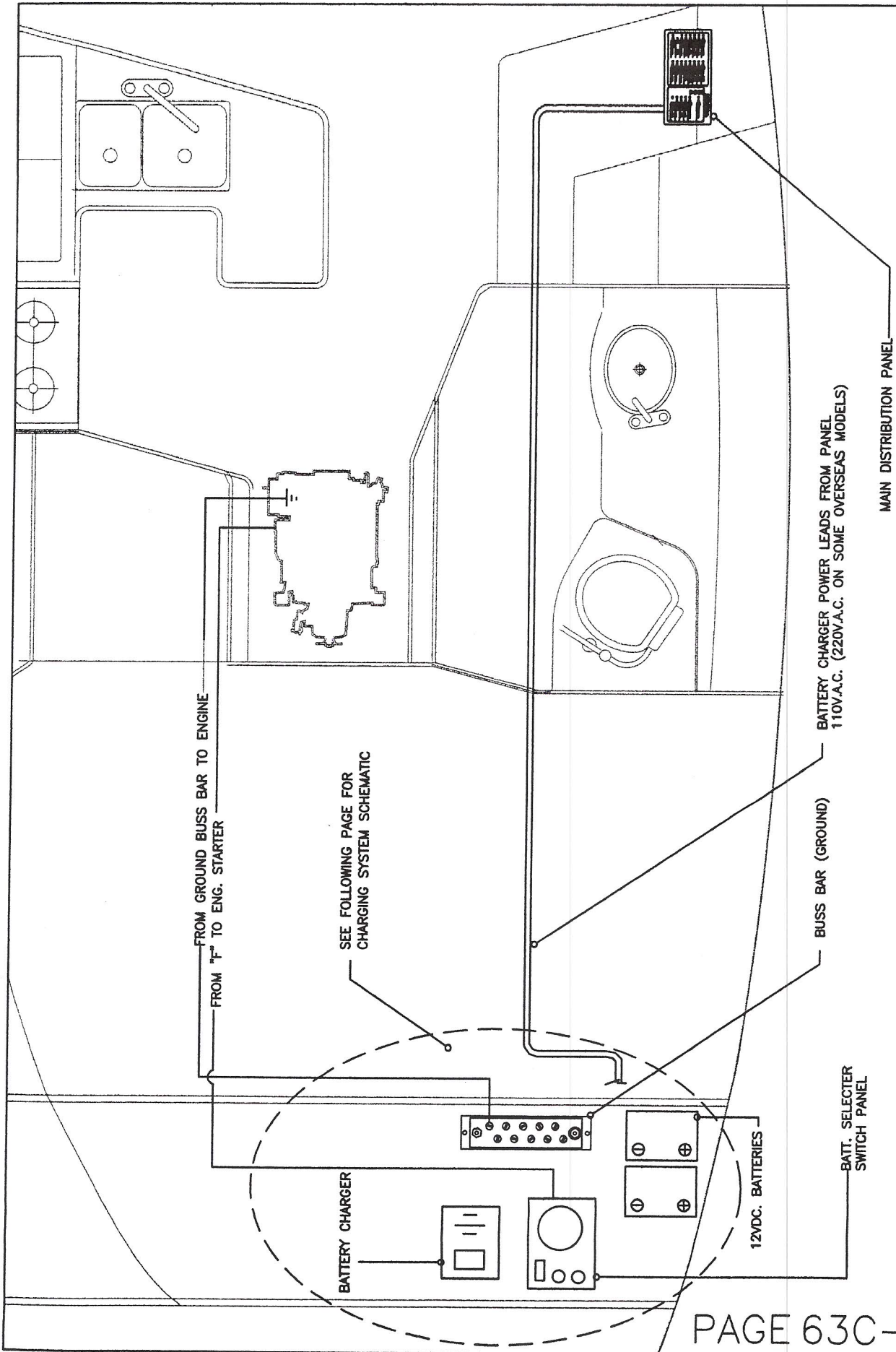
SECTION 63C...BATTERY CHARGING SYTEM

BASIC OPERATING INSTRUCTIONS:

- ① CONNECT SHORE POWER TO DOCKSIDE SUPPLY AND SHORE POWER INLET ON STERN OF BOAT STBD. SIDE
- ② TURN ON "A.C. MAIN" BREAKER
- ③ TURN ON "BATTERY CHARGER" BREAKER

NOTE:

CHECK FOR CORRECT FLUID LEVEL IN BATTERIES (IF APPLICABLE) PRIOR TO USING CHARGER.
USE OF CHARGER (OR ENGINE ALT.) IS IMPORTANT WHEN USING 12V.D.C. SYSTEMS
TO REDUCE BATTERY DRAIN.



FROM GROUND BUSS BAR TO ENGINE
FROM "F" TO ENG. STARTER

SEE FOLLOWING PAGE FOR
CHARGING SYSTEM SCHEMATIC

BATTERY CHARGER POWER LEADS FROM PANEL
110V.A.C. (220V.A.C. ON SOME OVERSEAS MODELS)

BUSS BAR (GROUND)

MAIN DISTRIBUTION PANEL

BATTERY CHARGER

12VDC. BATTERIES

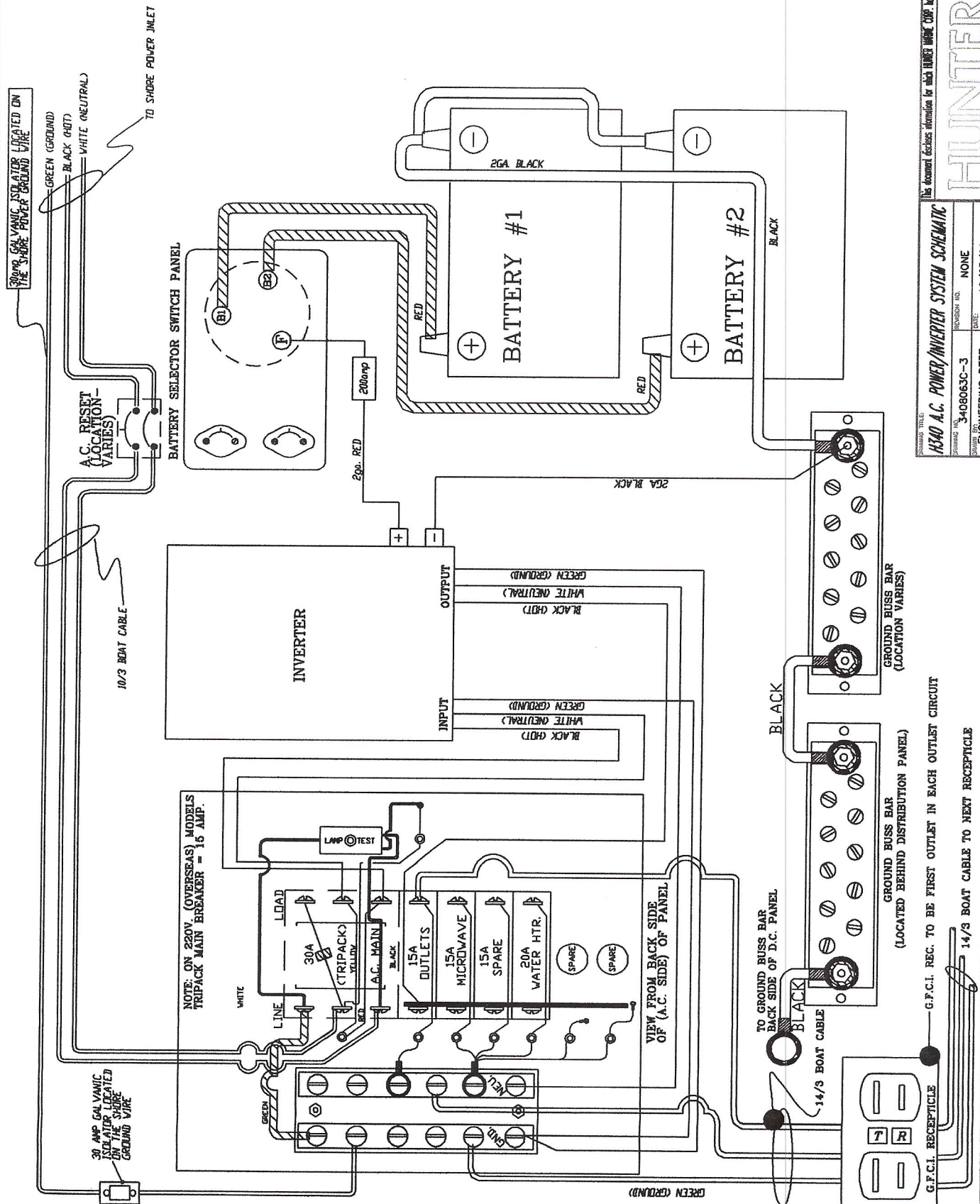
BATT. SELECTOR
SWITCH PANEL

PAGE 63C-2

NOTE: SHORE POWER TO PANEL NOT SHOWN FOR CLARITY

DRAWING TITLE: H340 CHARGING SYSTEM LAYOUT	
DRAWING NO. 3408083C-2	REVISION NO. NONE
ENGINEERING DEPT.	DATE 2/18/88

HUNTER



30 AMP GALVANIC ISOLATOR LOCATED ON THE SHORE POWER GROUND WIRE

GREEN (GROUND)
BLACK (HOT)
WHITE (NEUTRAL)

TO SHORE POWER INLET

A.C. RESET MAIN BREAKER (LOCATION VARIES)

BATTERY SELECTOR SWITCH PANEL

200amp

BATTERY #1

BATTERY #2

INVERTER

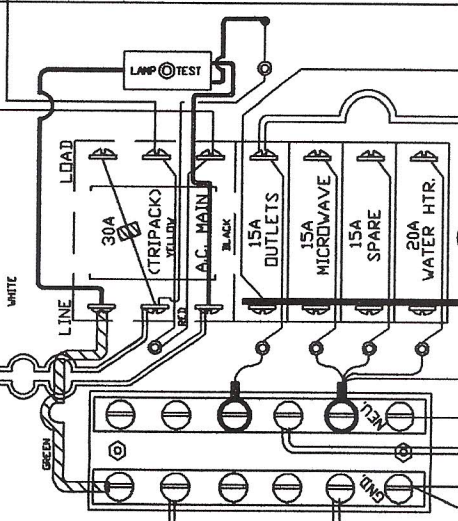
INPUT

OUTPUT

BLACK (HOT)
WHITE (NEUTRAL)
GREEN (GROUND)

BLACK (HOT)
WHITE (NEUTRAL)
GREEN (GROUND)

NOTE: ON 220V (OVERSEAS) MODELS TRIPACK MAIN BREAKER = 15 AMP.



VIEW FROM BACK SIDE OF (A.C. SIDE) OF PANEL

TO GROUND BUSS BAR BACK SIDE OF D.C. PANEL

BLACK

BLACK

GROUND BUSS BAR (LOCATION VARIES)

GROUND BUSS BAR (LOCATED BEHIND DISTRIBUTION PANEL)

G.F.C.I. REC. TO BE FIRST OUTLET IN EACH OUTLET CIRCUIT

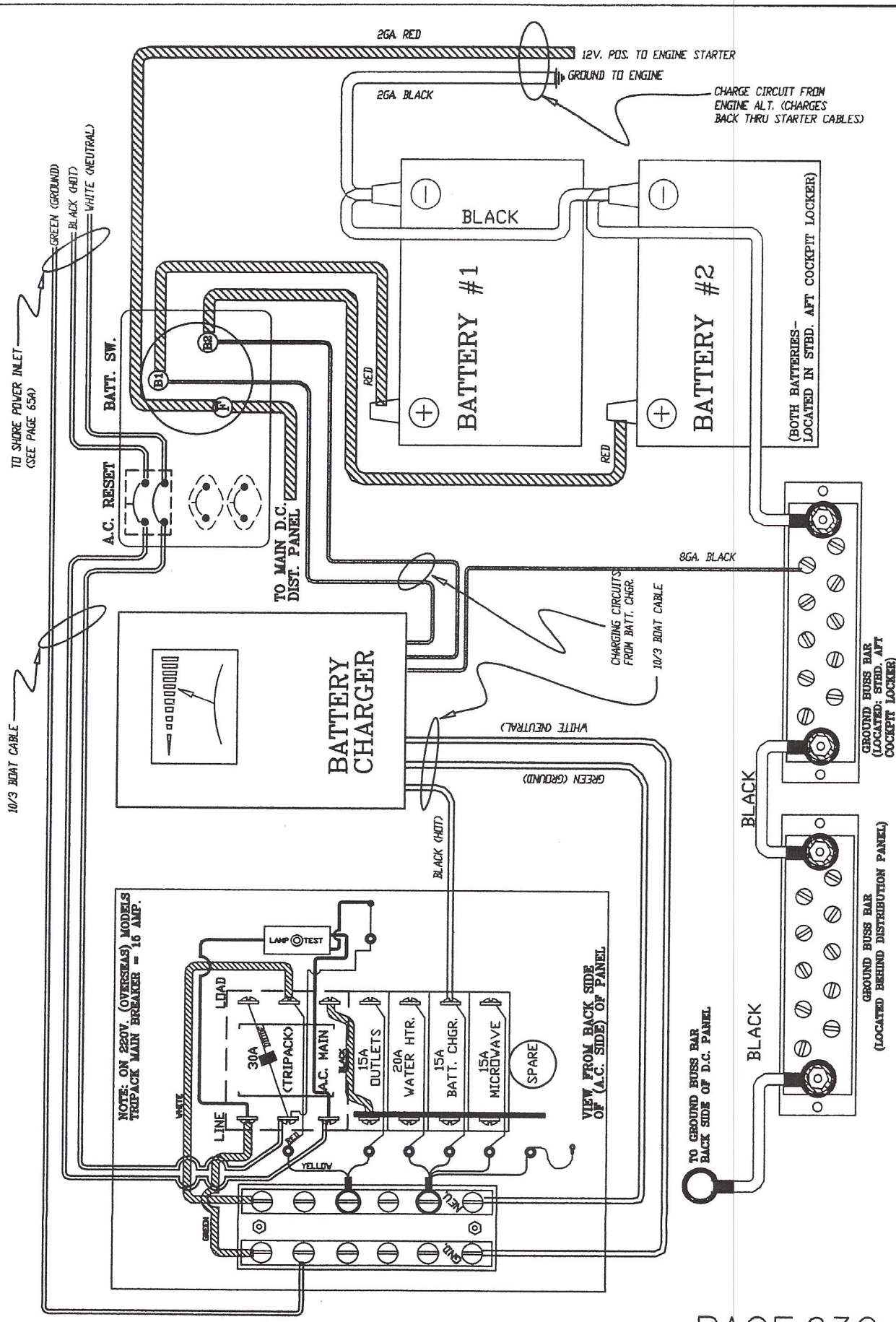
14/3 BOAT CABLE TO NEXT RECEPTACLE

G.F.C.I. RECEPTACLE

1340 A.C. POWER/INVERTER SYSTEM SCHEMATIC

DESIGNED BY	3408063C-3	REVISION NO.	NONE
ENGINEERING DEPT.		DATE	10/25/99

HUNTER



TO SHORE POWER INLET
(SEE PAGE 65A)

10/3 BOAT CABLE

BATT. SW.

A.C. RESET

TO MAIN D.C.
DIST. PANEL

BATTERY CHARGER

BATTERY #1

BATTERY #2

(BOTH BATTERIES-
LOCATED IN STD. AFT COCKPIT LOCKER)

12V. POS. TO ENGINE STARTER

GROUND TO ENGINE

CHARGE CIRCUIT FROM
ENGINE ALT. (CHARGES
BACK THRU STARTER CABLES)

2GA RED
2GA BLACK

BLACK

8GA. BLACK

CHARGING CIRCUITS
FROM BATT. CHGR.

WHITE (NEUTRAL)
GREEN (GROUND)

BLACK (HOT)

NOTE: ON 220V. (OVERSEAS) MODELS
TRIPACK MAIN BREAKER - 16 AMP.

VIEW FROM BACK SIDE
OF (A.C.) SIDE OF PANEL

BLACK

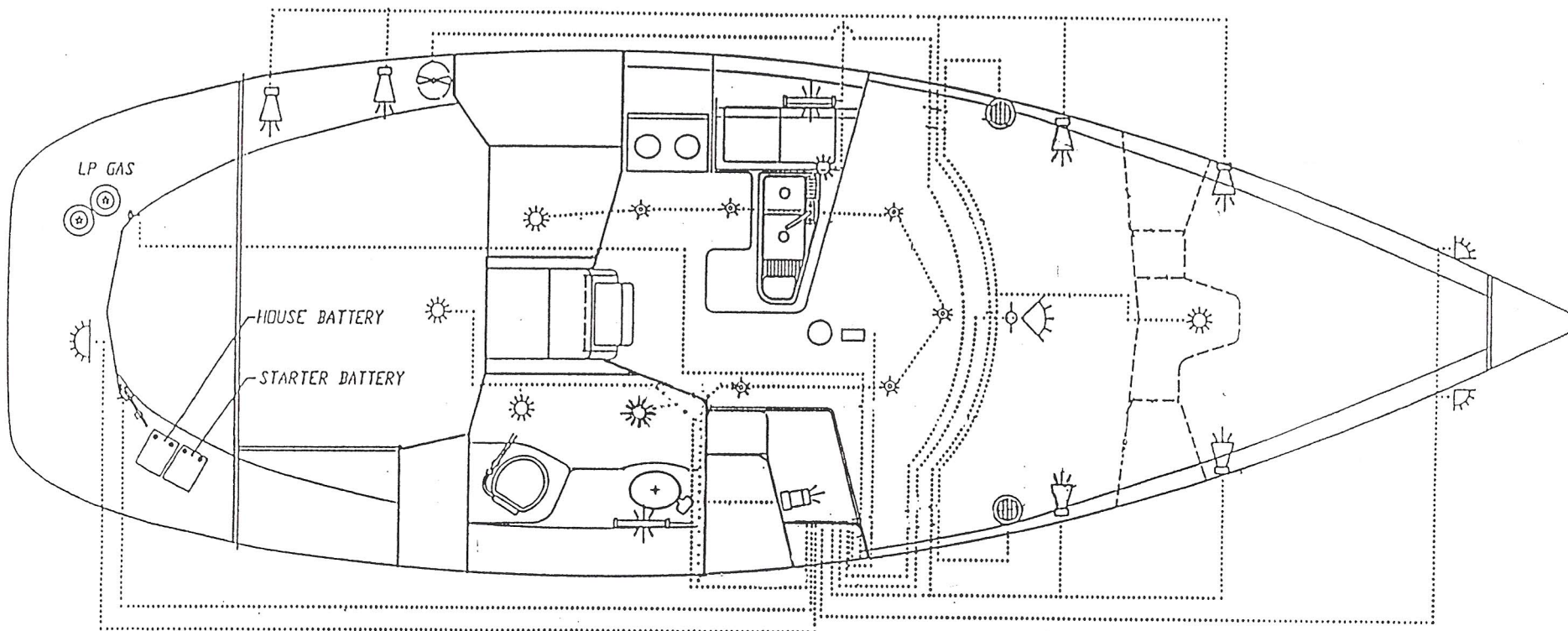
GROUND BUSS BAR
(LOCATED: STD. AFT
COCKPIT LOCKER)

BLACK








GROUND BUSS BAR
(LOCATED BEHIND DISTRIBUTION PANEL)





TO GROUND BUSS BAR
BACK SIDE OF D.C. PANEL

HUNTER®
 340 CHARGING SYSTEM SCHEMATIC
 DRAWING NO. 34080830-3
 REVISION NO. NONE
 DATE 3/5/98
 ENGINEERING DEPT.



INTERIOR LIGHTS _____ 16ga BLU

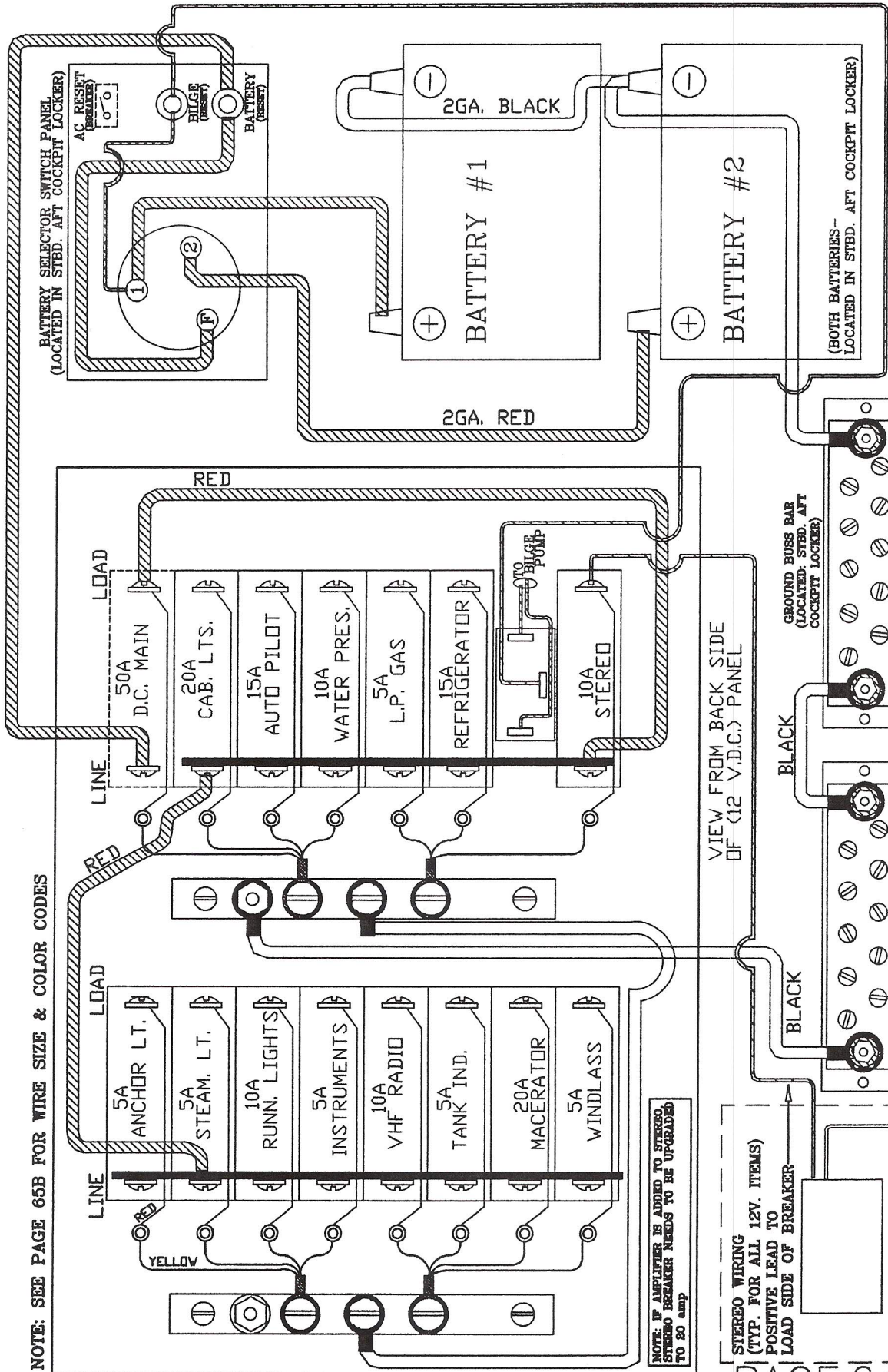
-  CHART LIGHT
-  12' FLUORESCENT LIGHT
-  READING LIGHT
-  RECESSED LIGHT
-  DOME LIGHT
-  SPEAKER _____ 16ga_YEL
-  FAN _____ 16ga_PUR

-  ANCHOR/STEAMING _____ 16ga_GY/RED
-  BOW LIGHT _____ 16ga_GY/YT
-  BOW LIGHT _____ 16ga_GY/YT
-  STERN LIGHT _____ 16ga_GY/YT
- BATTERY _____ 20ga_BLK
- _____ 20ga_RED
- DC MAIN _____ 60ga_OR/BLU

- VHF _____ 16ga_RED/YT
- LP GAS _____ 14/2
- WATER PRESSURE _____ 12ga_BR
- BILGE (+) _____ 12ga_TAN
- BILGE MANUAL _____ 12ga_DR/RED
- BILGE AUTO _____ 12ga_DR/DR

6GA. ORANGE & RED

NOTE: SEE PAGE 65B FOR WIRE SIZE & COLOR CODES



NOTE: IF AMPLIFIER IS ADDED TO STEREO, STEREO BREAKER NEEDS TO BE UPGRADED TO 20 AMP

STEREO WIRING (TYP. FOR ALL 12V. ITEMS) POSITIVE LEAD TO LOAD SIDE OF BREAKER

NEGATIVE LEAD TO GROUND BUSS BAR

VIEW FROM BACK SIDE OF (12 V.D.C.) PANEL

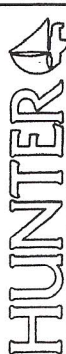
GROUND BUSS BAR (LOCATED: STED. AFT COCKPIT LOCKER)

BLACK

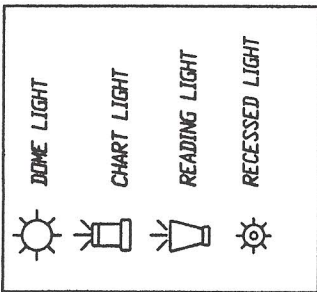
GROUND BUSS BAR (LOCATED BEHIND DISTRIBUTION PANEL)

(BOTH BATTERIES- LOCATED IN STED. AFT COCKPIT LOCKER)

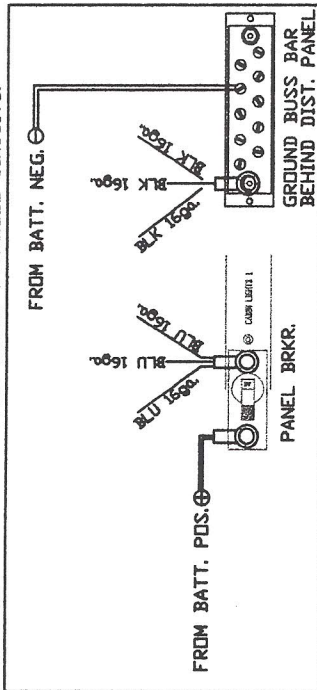
REVISED TITLE: H340 12V.D.C. PANEL SCHEMATIC
 DRAWING NO. 3408064A-1
 REVISION NO. NONE
 DATE: 8/25/96
 ENGINEERING DEPT



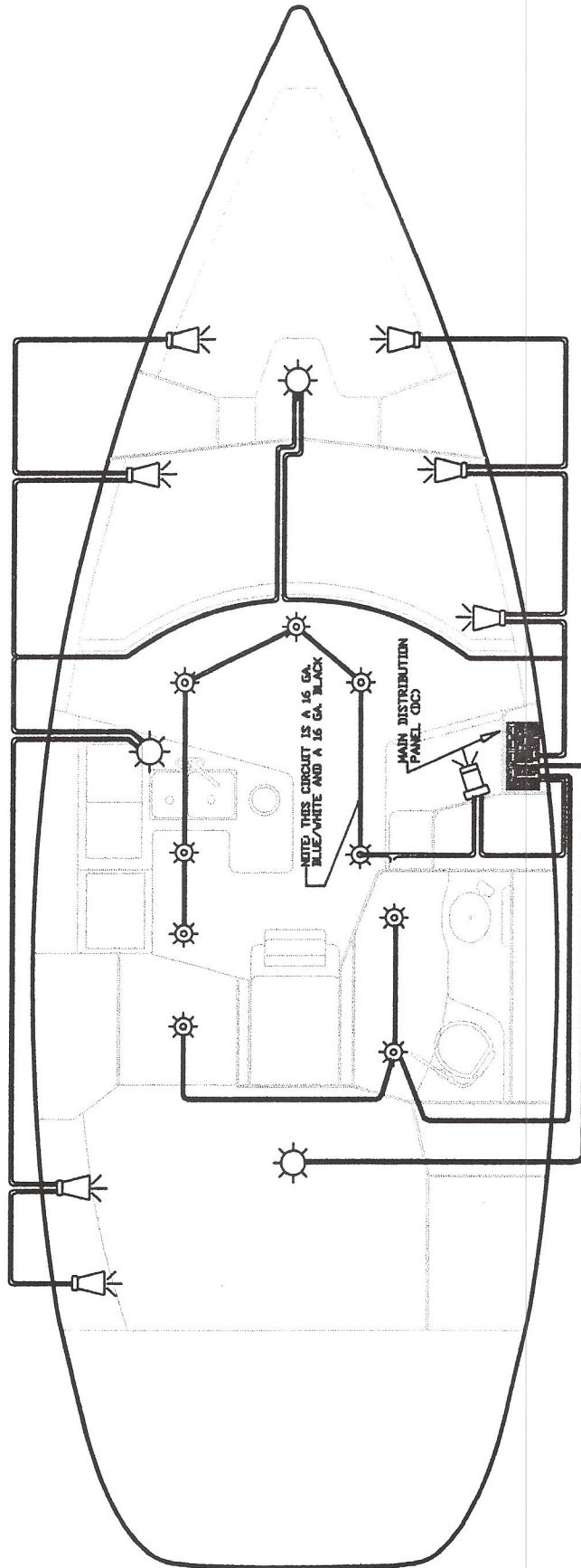
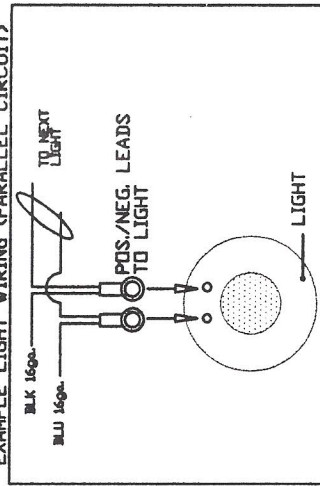
INTERIOR LIGHTS



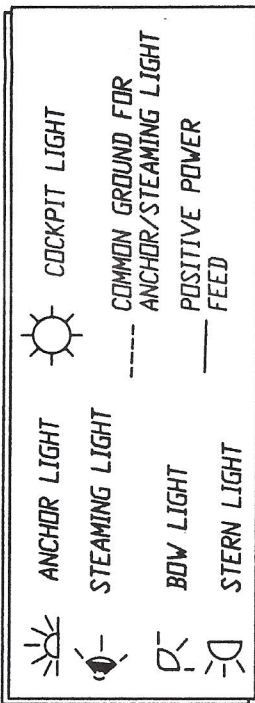
EXAMPLE SWITCH PANEL WIRING (PARALLEL CIRCUITS)



EXAMPLE LIGHT WIRING (PARALLEL CIRCUIT)



EXTERIOR LIGHTS



NOTE: ANCHOR & STEAMING LIGHT ARE COMBINED INTO ONE FIXTURE.

NOTE: A GRAY WIRE IS PROVIDED FROM THE MAIN DIST. PANEL TO THE TERMINAL STRIP ABOVE THE ACCESS PANEL FOR A DECK LIGHT IF DESIRED. (LIGHT NOT PROVIDED)

LIGHT LEADS FROM MAST LIGHTS TERMINATE TO TERMINAL STRIP ABOVE ACCESS PANEL

ALL POWER FEED LINES RUN THRU HEADLINER, UNLESS OTHERWISE NOTED.

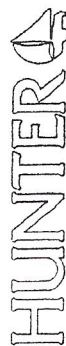
COMPRESSION POST ACCESS PANEL

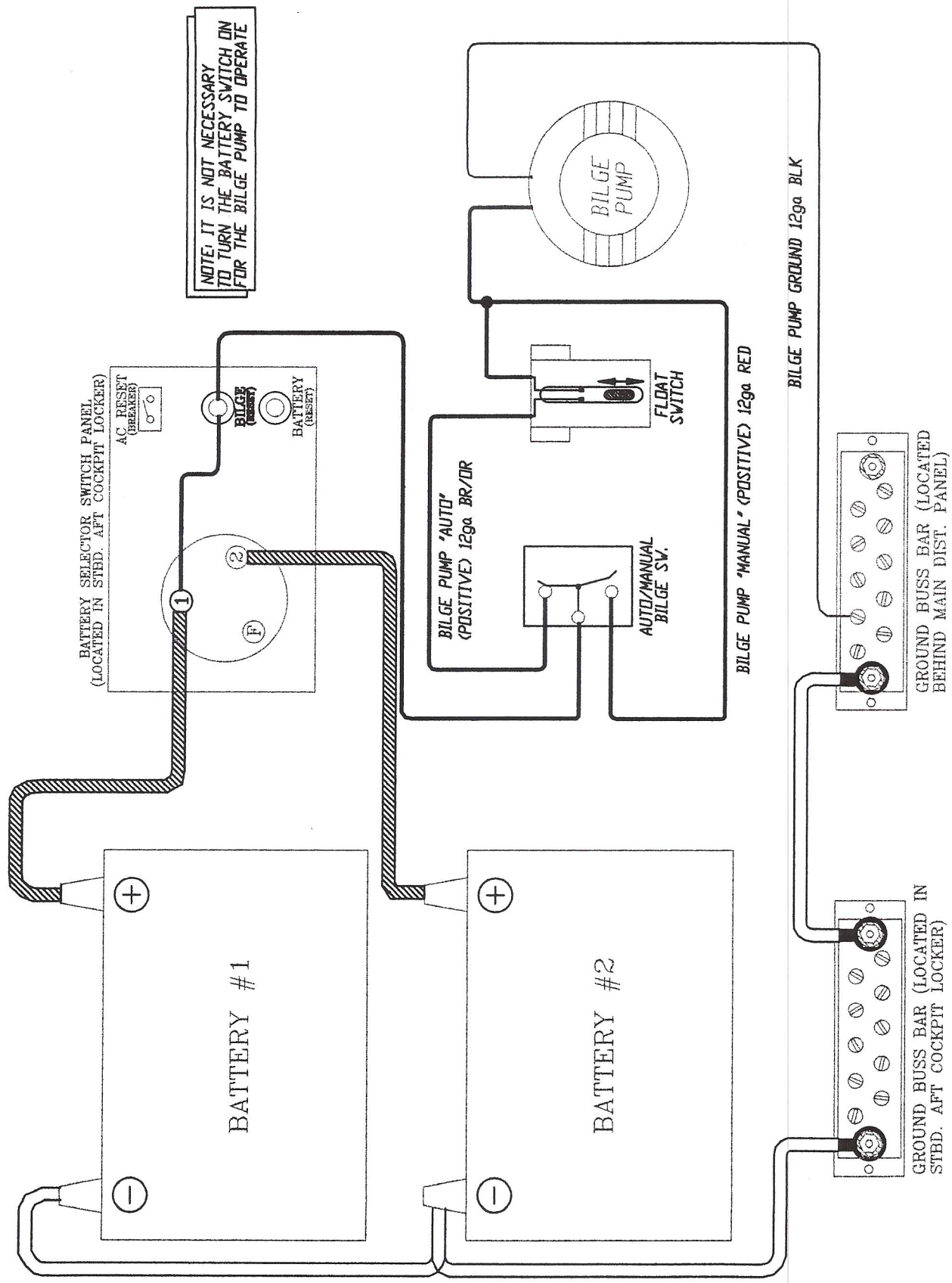
POWER FEED LINE RUNS THRU PAN

MAIN DISTRIBUTION PANEL

ALL LEADS TO B.C. SIDE OF PANEL

DRAWING TITLE: **H340 12 V.D.C. EXTERIOR LIGHTS LAYOUT**
 DRAWING NO: **34080848-2** REGION NO: **NONE**
 SCALE: **1" = 1'** DATE: **3/2/98**
 ENGINEERING DEPT.





NOTE: IT IS NOT NECESSARY TO TURN THE BATTERY SWITCH ON FOR THE BILGE PUMP TO OPERATE

BATTERY SELECTOR SWITCH PANEL
(LOCATED IN STBD. AFT COCKPIT LOCKER)

AC RESET (BREAKER)

BILGE PUMP (POSITIVE)

BATTERY (RESET)

BILGE PUMP 'AUTO' (POSITIVE) 12ga BR/DR

FLOAT SWITCH

AUTO/MANUAL BILGE SW.

BILGE PUMP 'MANUAL' (POSITIVE) 12ga RED

BILGE PUMP GROUND 12ga BLK

GROUND BUSS BAR (LOCATED BEHIND MAIN DIST. PANEL)

GROUND BUSS BAR (LOCATED IN STBD. AFT COCKPIT LOCKER)

PROJ. TITLE: **H340 BILGE SYSTEM SCHEMATIC**

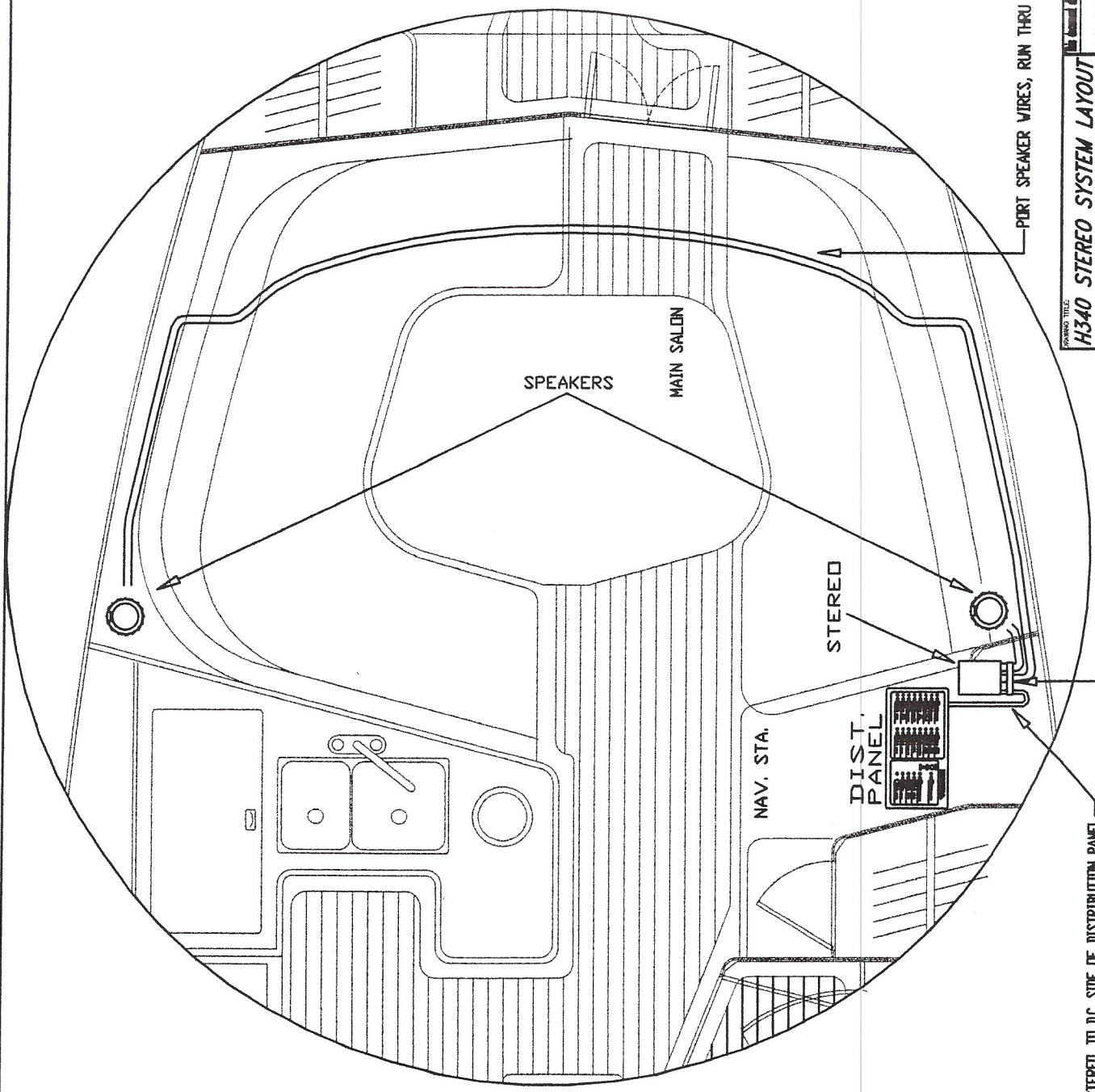
REV. NO.: 3-408064C

ISSUED BY: ENGINEERING DEPT.

DATE: 3/2/98

REVISION NO.: NONE

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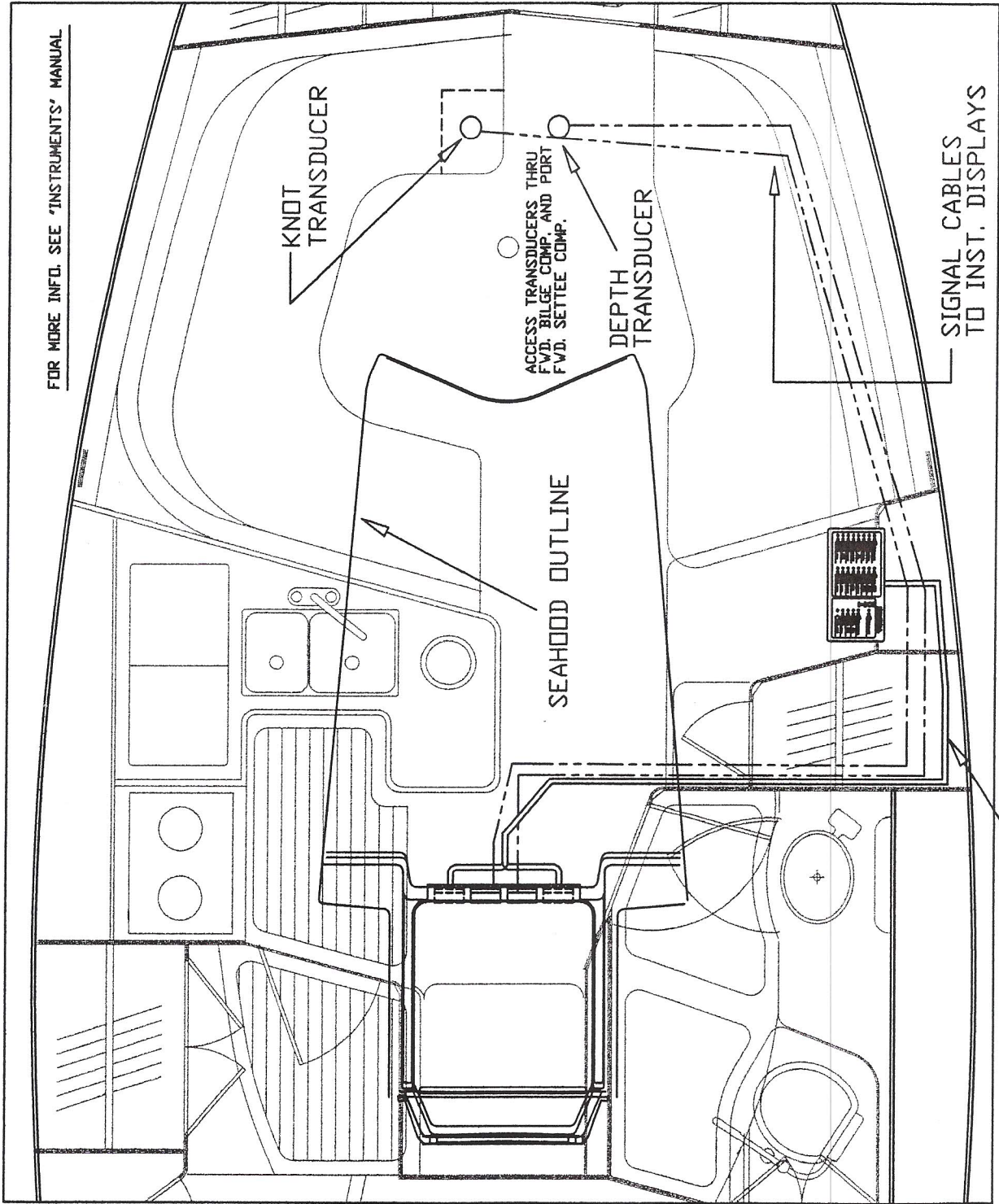


DRAWING TITLE: **H340 STEREO SYSTEM LAYOUT**
 DRAWING NO: 3-40806-4D
 REVISION NO: NONE
 DRAWN: [Name]
 ENGINEERING DEPT. [Dept]
 DATE: 3/2/98

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the standard electronic equipment for each HUNTER YACHT CO. has proprietary rights.

POWER LEADS FROM STEREO, TO DC. SIDE OF DISTRIBUTION PANEL
SEE "STEREO MANUAL" FOR PLUG/CONNECTION DETAILS

FOR MORE INFO. SEE 'INSTRUMENTS' MANUAL



INSTRUMENTS ON SEAHOOD

PAGE 64E

POWER LEADS FROM MAIN PANEL TO INST. DISPLAYS

SIGNAL CABLES TO INST. DISPLAYS

STANDARD TITLE: H340 INSTRUMENTS LAYOUT

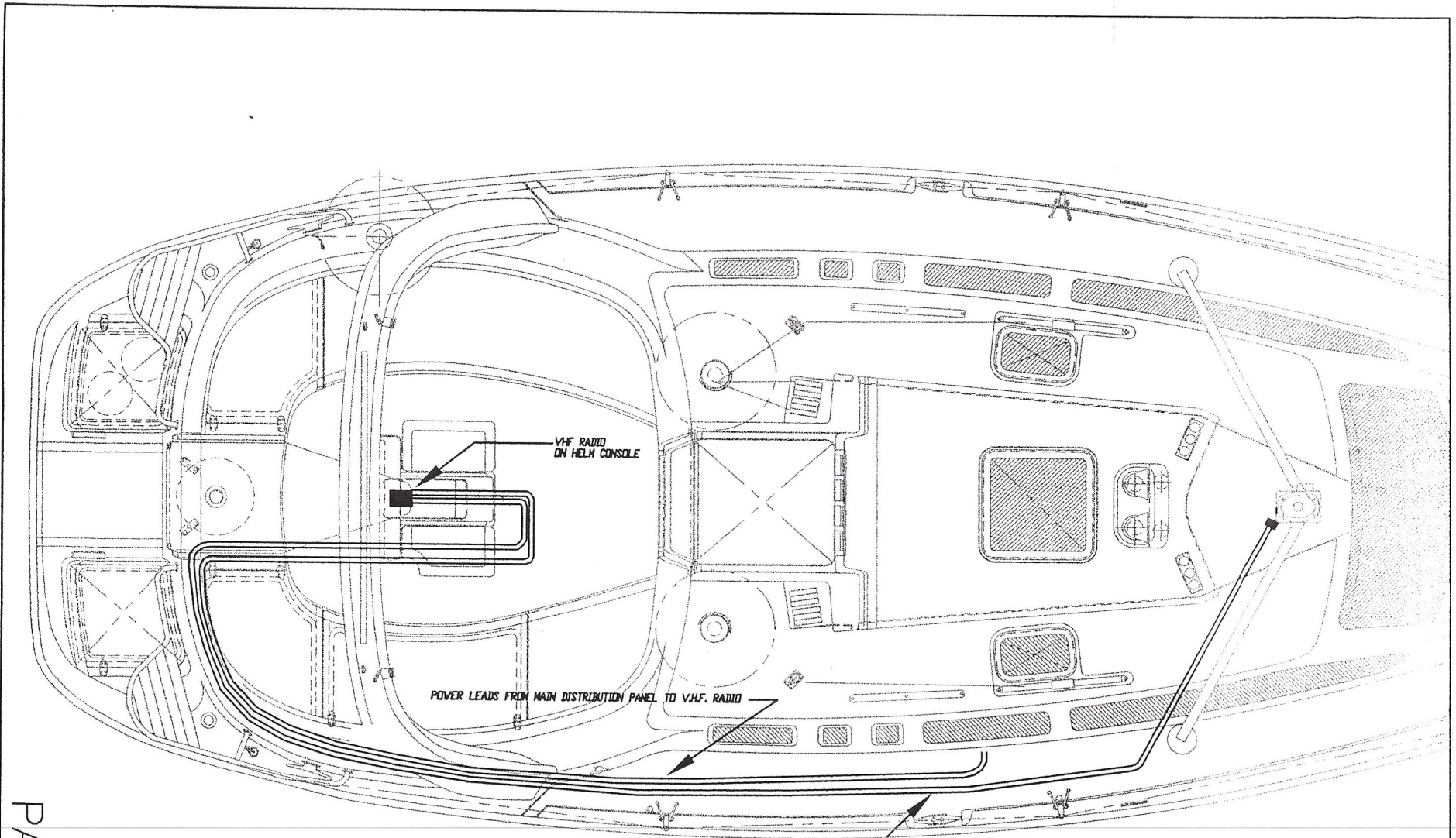
REVISION NO. NONE

ISSUE NO. 3408084E

DATE 2/18/98

DEPT. ENGINEERING DEPT.

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VHF RADIO ON HELM CONSOLE

POWER LEADS FROM MAIN DISTRIBUTION PANEL TO V.H.F. RADIO

COAX CABLE W/CONNECTOR TO ACCESS PANEL ABOVE COMPRESSION POST.
COAX CABLE CONTINUES THRU AND UP TO TOP OF MAST. LOWER END
CONNECTS TO END OF CABLE IN ACCESS PANEL, UPPER END CONNECTS TO ANTENNA.

LINE RUNS:
POWER LEADS...FROM MAIN DIST. PANEL, DOWN, THEN AFT THRU PAN, UP & AROUND Q-BERTH BULKHEAD, FWD & UP TO RADIO.
ANTENNA (COAX) LEAD...FROM MAST STEP, CABLE RUNS THRU HEADLINER AFT INTO COCKPIT LOCKER, THEN FWD. BETWEEN DECK & HEADLINER THEN UP TO RADIO.

DRAWING TITLE: H340 VHF RADIO LAYOUT		This document discloses information for which HUNTER MARINE CORP. has proprietary rights.	
DRAWING NO. 340B064F	REVISION NO. NONE		
DEPT. OR ENGINEERING DEPT.	DATE 3/2/98		