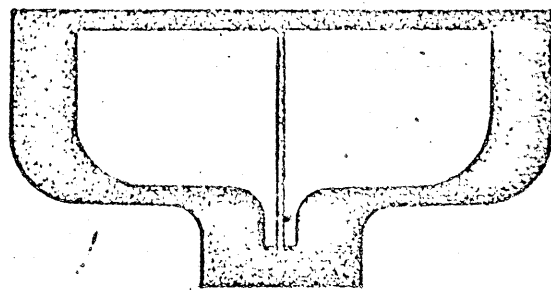
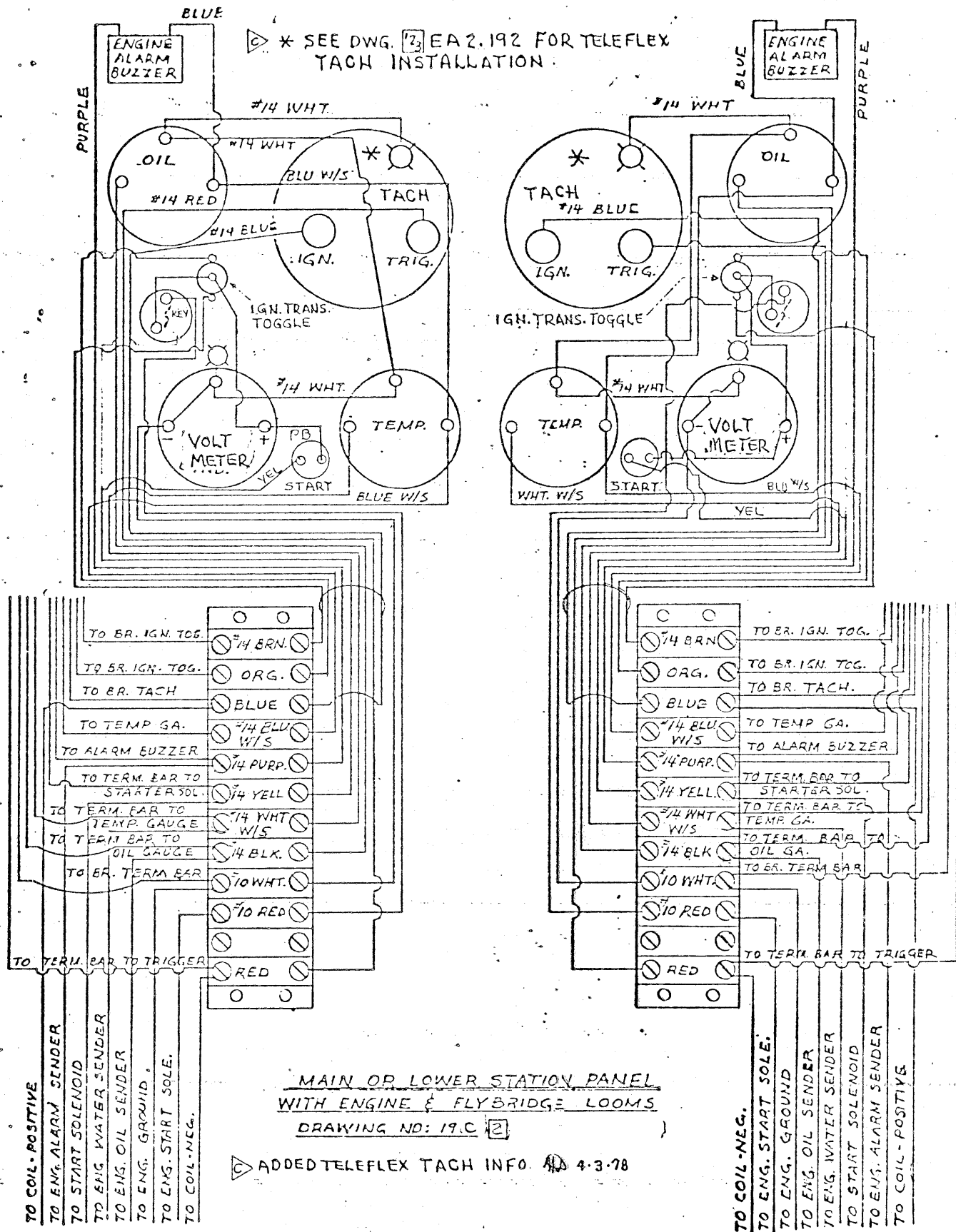


PAGEMAKER



WIRING DIAGRAM FOR 30

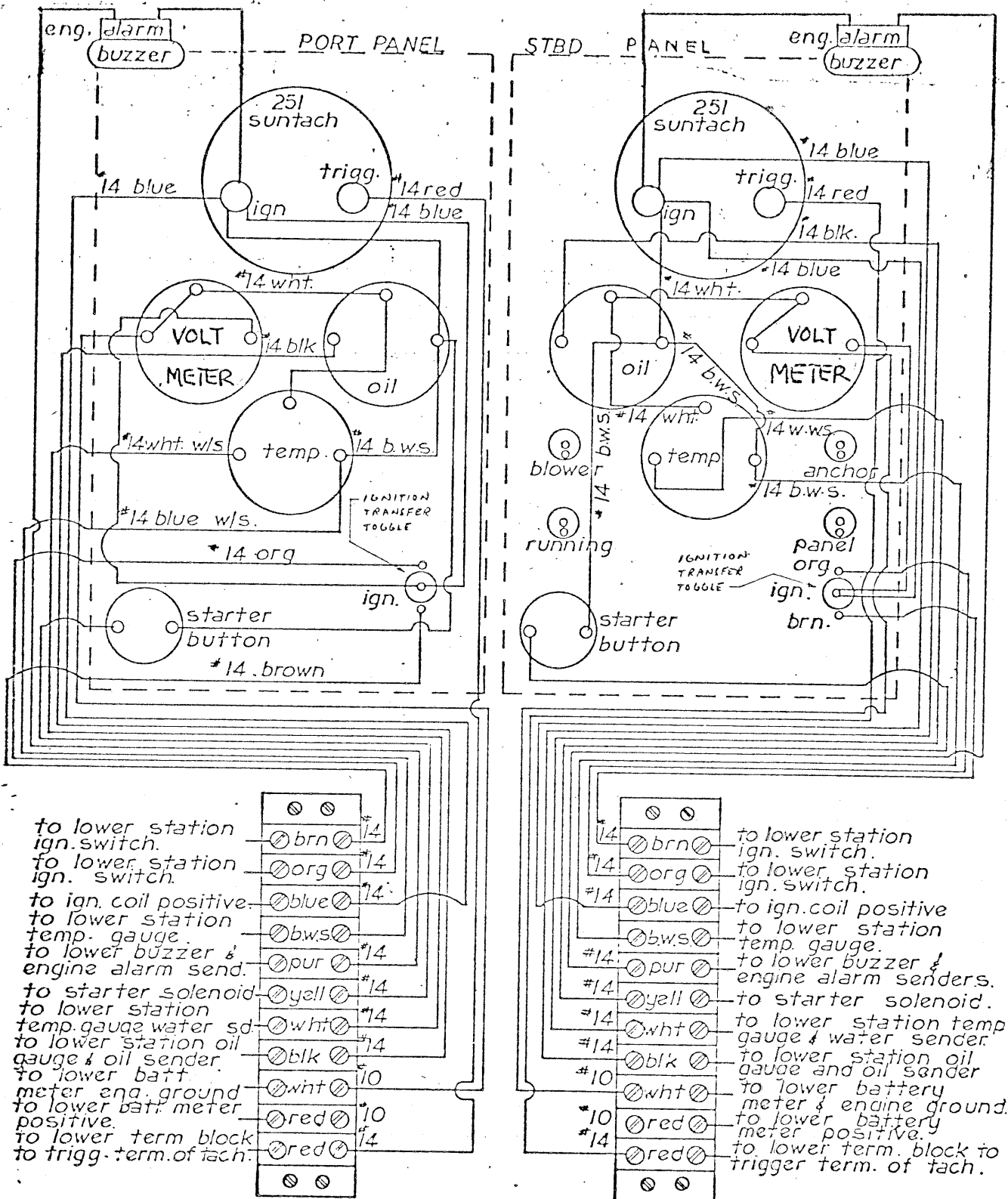
HULL NO. 163



TO COIL - POSITIVE
 TO ENG. ALARM SENDER
 TO START SOLENOID
 TO ENG. WATER SENDER
 TO ENG. OIL SENDER
 TO ENG. GROUND
 TO ENG. START SOLE.
 TO COIL - NEG.

TO COIL - NEG.
 TO ENG. START SOLE.
 TO ENG. GROUND
 TO ENG. OIL SENDER
 TO ENG. WATER SENDER
 TO START SOLENOID
 TO ENG. ALARM SENDER
 TO COIL - POSITIVE

SEE DWG. 23 EA 2.192 FOR TELEFLEX TACH. INSTALLATION

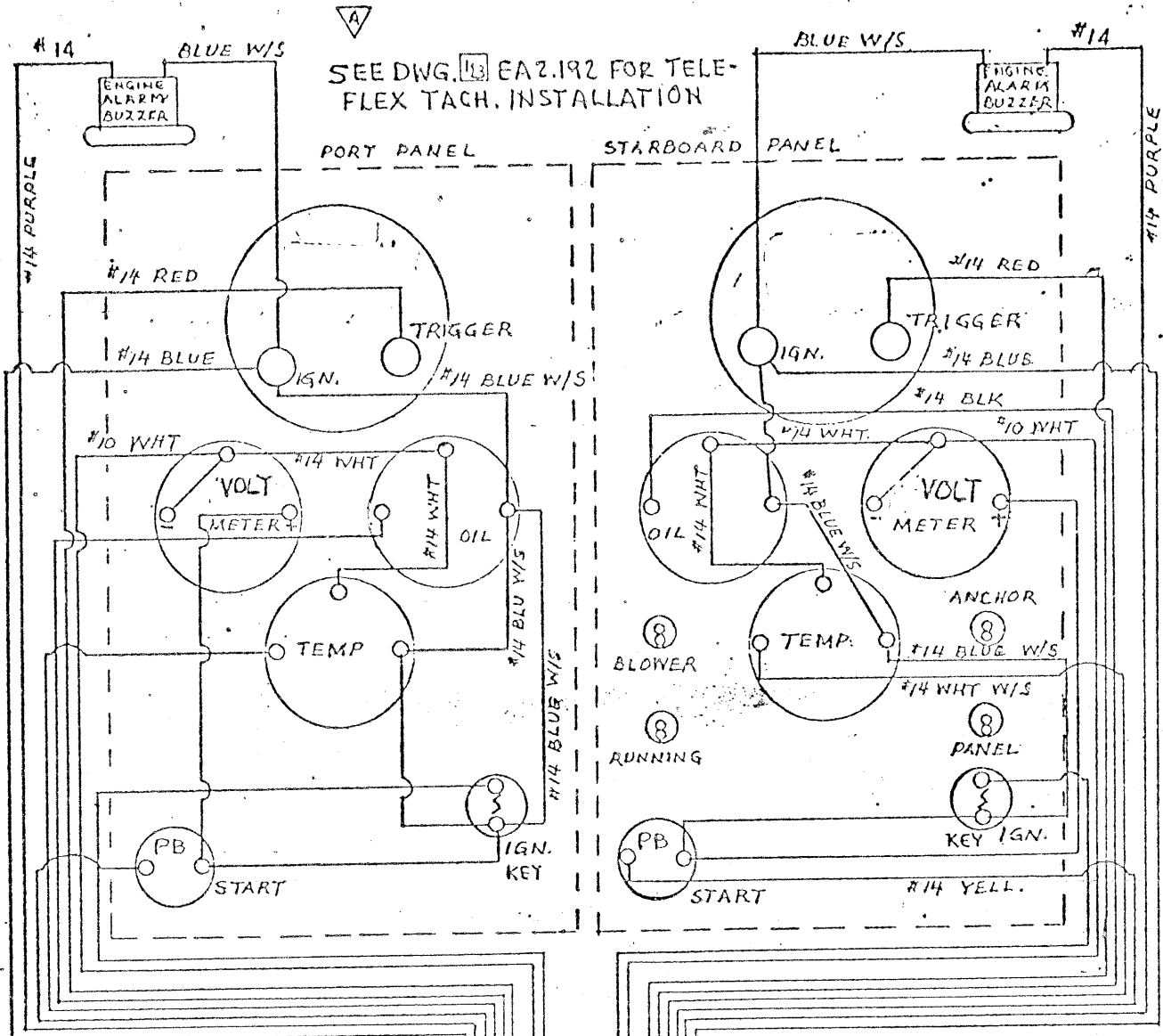


BRIDGE PANELS - TWIN GASOLINE

BOATS WITH LOWER HELM & KEY ON LOWER HELM.

Dwg. no. WC 22C.

4



- | | |
|---------------------------------|----------------|
| TO IGNITION POSITIVE | ⊗ "BRN" ⊗ |
| | ⊗ "ORG." ⊗ |
| | ⊗ BLUE ⊗ |
| TO ENG. ALARM SENDERS | ⊗ "BLUE" W/S ⊗ |
| TO START SOLENOID | ⊗ #14 PURP. ⊗ |
| TO WATER TEMP. SENDER | ⊗ #14 YELL. ⊗ |
| TO OIL PRESS. SENDER | ⊗ #14 WHT. ⊗ |
| TO ENGINE GROUND | ⊗ #14 BLK. ⊗ |
| TO ENG. STARTER SOLENOID - POS. | ⊗ #10 WHT. ⊗ |
| | ⊗ #10 RED ⊗ |
| | ⊗ ⊗ |
| TO IGN. COIL - NEG | ⊗ RED ⊗ |

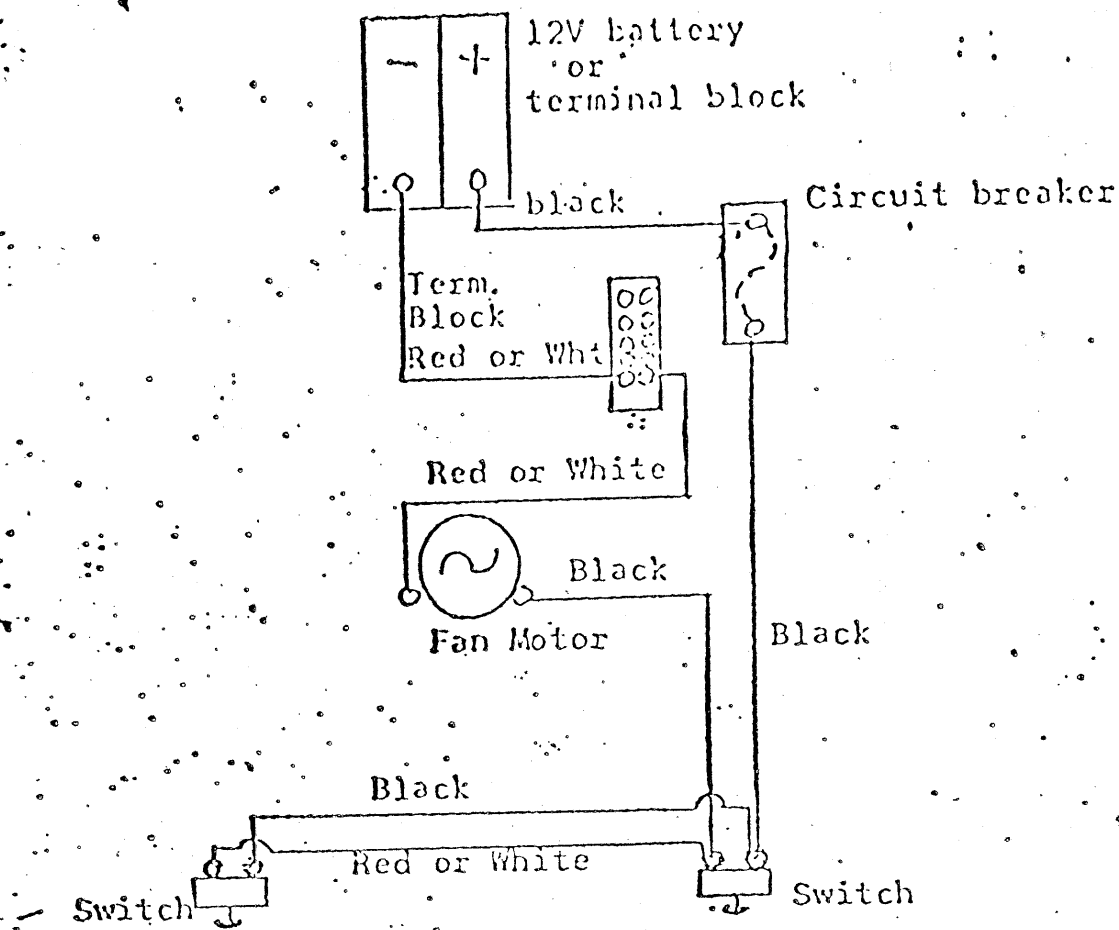
- | | |
|----------------|---------------------------------|
| ⊗ "BRN" ⊗ | TO IGNITION POSITIVE |
| ⊗ "ORG." ⊗ | |
| ⊗ BLUE ⊗ | |
| ⊗ "BLUE" W/S ⊗ | TO ENG. ALARM SENDERS |
| ⊗ #14 PURP. ⊗ | TO START SOLENOID |
| ⊗ #14 YELL. ⊗ | TO WATER TEMP. SENDER |
| ⊗ #14 WHT. ⊗ | TO OIL PRESS. SENDER |
| ⊗ #14 BLK. ⊗ | TO ENGINE GROUND |
| ⊗ #10 WHT. ⊗ | TO ENG. STARTER SOLENOID - POS. |
| ⊗ #10 RED ⊗ | |
| ⊗ ⊗ | |
| ⊗ RED ⊗ | TO IGN. COIL - NEG. |

BOATS WITH SINGLE HELM ONLY

SINGLE OR TWIN GASOLINE ENGINES
 SINGLE - USE STARBOARD PANEL
 TWIN - USE BOTH PANELS
 DRAWING NO: WC 41A

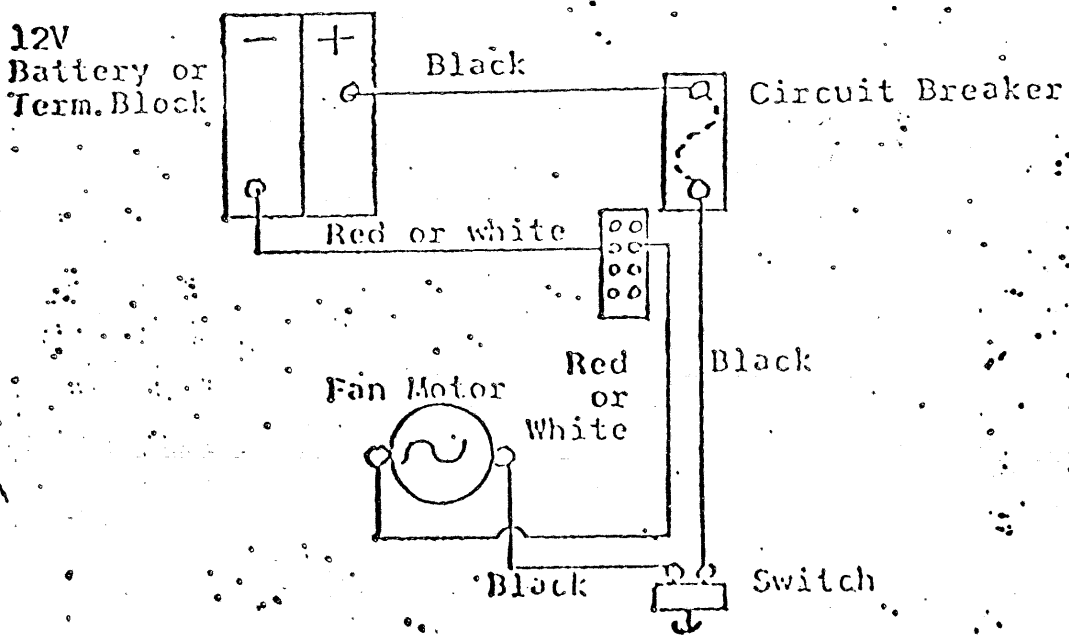
10

A ADDED TELEFLEX TACH INFO. NO. 1-31-78

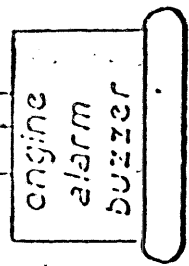


FAN WIRING WITH TWO SWITCHES

FAN WIRING WITH SINGLE SWITCH



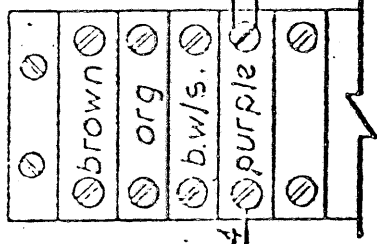
CULVER STEARNS (AG 5007 buzzer)



blue #14

gn. feed #14 blue

terminal block



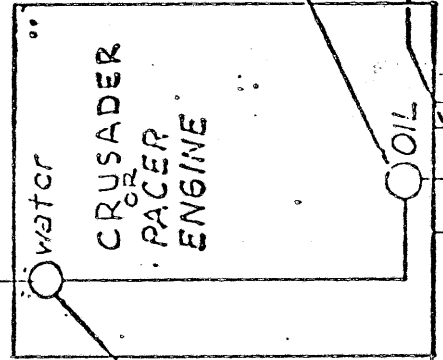
purple #14

purple #14

purple #14

in yellow loom to bridge terminal block for bridge alarm buzzer.

ENGINE OIL & WATER ALARM SYSTEM
ON PACER ENGINE
BY PACEMAKER
CRUSADER ENGINES
BY THERMO-ELECTRIC



water alarm sender
STEWART-WARNER
#438054 - 200°F-L9

oil alarm sender:
STEWART-WARNER
#364L 6K II

gear sending unit,
80 LB. P.S.I.
CRUSADER #6327

transmission

SHIP TO SHORE CONNECTIONS

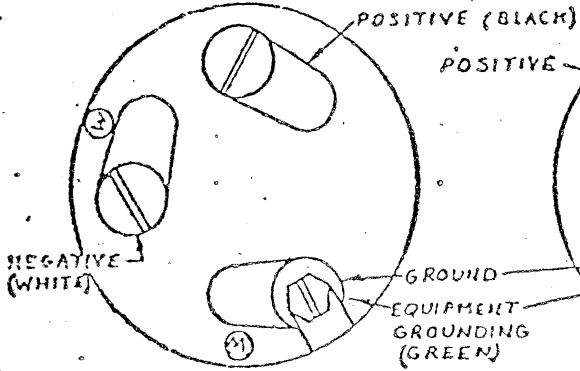
HUBBEL NFPA UNDERWRITERS APPROVED

30 AMP, 125 VOLT AC OR DC 2 POLE 3 WIRE GROUNDING

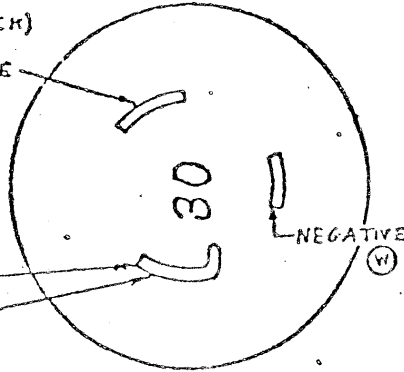
POWER INLET

60CM61 - 30 AMP

REAR VIEW

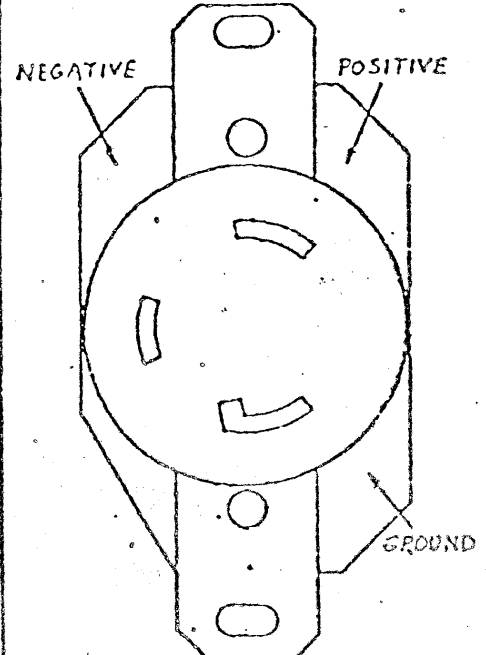


FRONT VIEW



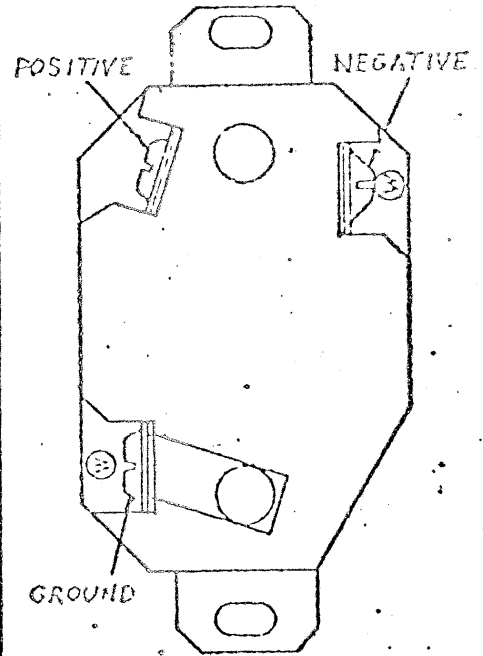
DOCKSIDE OUTLET

31CM20 - 30 AMP



FRONT

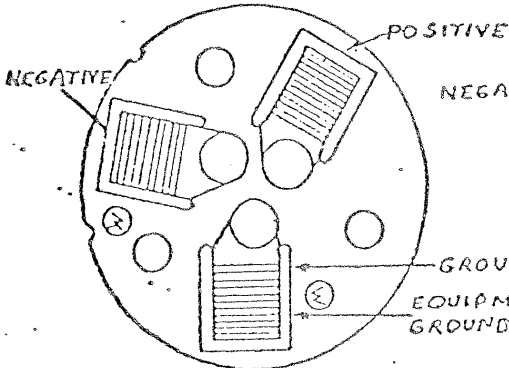
BACK



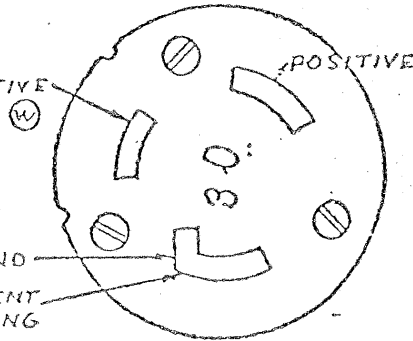
CONNECTOR BODY

26CM13 - 30 AMP

INSIDE BACK



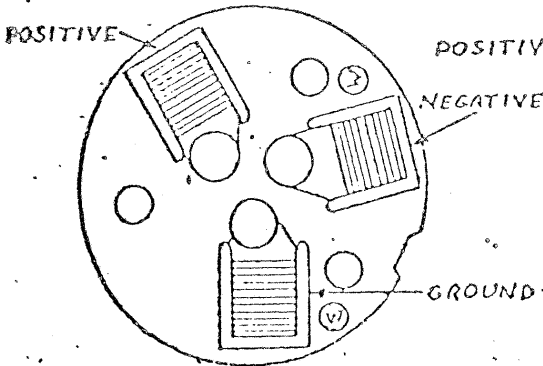
FRONT VIEW



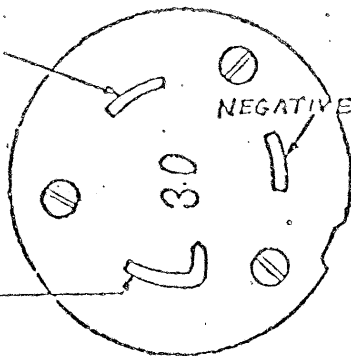
CAP

26CM11 - 30 AMP

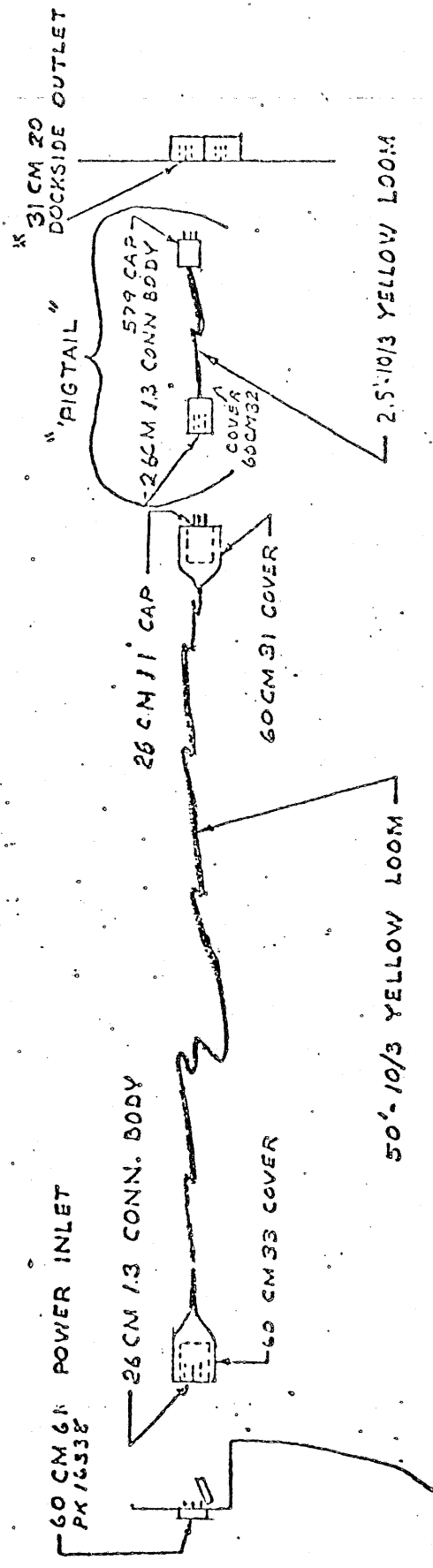
INSIDE BACK



FRONT VIEW



12/23/72

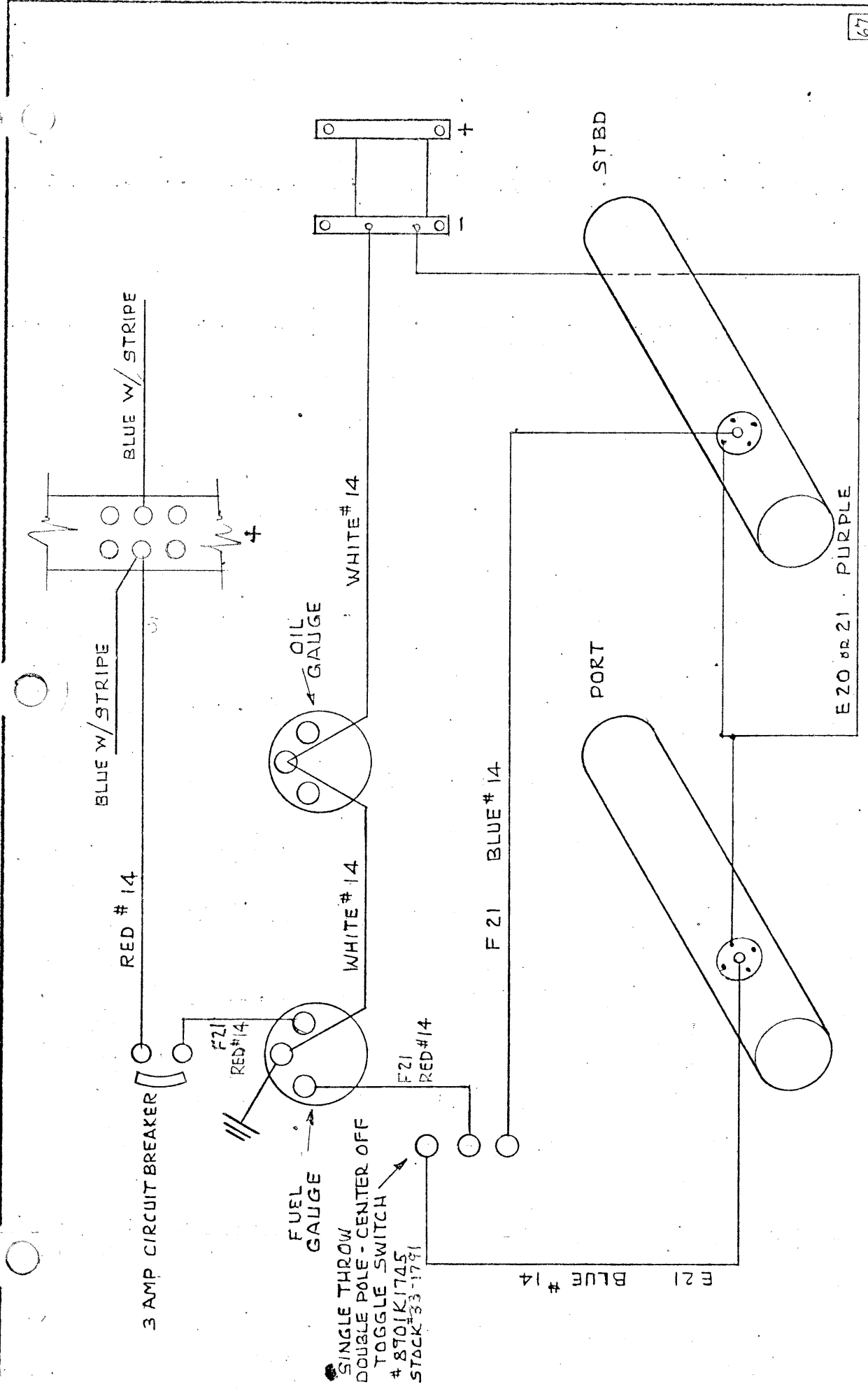


TYPICAL 30 AMP SHORE LINE "SET UP"

- 50'-10/3 Loom
- 1-60 CM 61
- 1-26 CM 13
- 1-60 CM 33
- 1-26 CM 11
- 1-60 CM 31
- 1-60 CM 32
- 2.5'-10/3 Loom
- 1-31 CM 23
- 1-579
- 1-31 CM 20

DWG. N^o 1104 REV. B

REV. B.



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PACEMAKER CORPORATION

EGG HARBOR CITY, NEW JERSEY

FUEL GAUGE WIRING ARRANGEMENT - 2 TANKS

SCALE:	NONE	DRAWN:	W.D.	APPROVED:
DATE:		DRAWING NUMBER:	EA 1,094	

GRIND $\frac{3}{4}$ " x $\frac{3}{8}$ " FLAT AREA ON SIDE OF FILL

SOLDERLESS LUG 39-0381
 FLATTEN $\frac{1}{4}$ " IN LUG PAD.
 SOLDER PAD TO FLAT
 AREA. INSTALL WIRE
 CLAMP & WIRE.

#10 STRANDED & COVERED
 COPPER WIRE (GREEN)
 ALLOW APPROX. 3" EXTRA
 WIRE TO FORM LOOP.

DECK FITTING FOR
 FUEL FILL

SOLDER OVER END OF
 CHAIN SCREW HOLE

PIPE NIPPLE
 2" DIA. STEEL

FLEXIBLE WIRE WRAP

HOSE CONNECTION
 $2\frac{3}{8}$ " ID #2651-40 HOSE

FILL PIPE - 2" Sch 40
 6061-T6 ALUM

TO TANK

FUEL TANK

GROUND TAB

$\frac{1}{4}$ " - 20 x $\frac{3}{4}$ " LG. BOLT
 LOCKWASHER & NUT

STAINLESS STL.

SOLDERLESS LUG
 39-0333

#6 GREEN WIRE
 (GROUND WIRE)

CRIMP WIRE IN LUG. GROUND WIRES
 FROM ADDITIONAL TANKS ARE TO BE
 CRIMPED INTO SAME LUG.

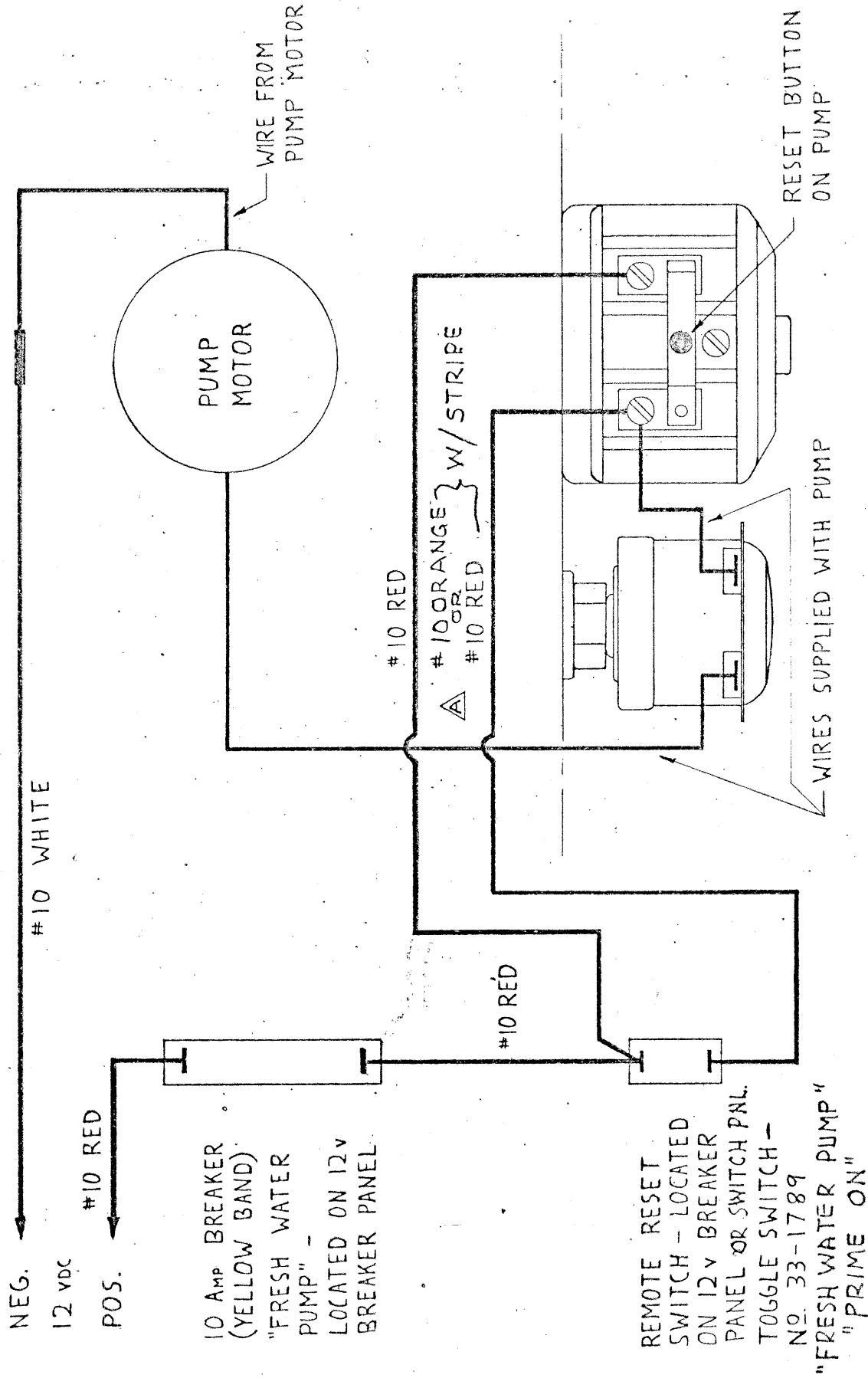
GROUND TUBE

PACEMAKER CORPORATION
 EGG HARBOR CITY, NEW JERSEY

GROUNDING SYSTEM - FUEL TANKS & FUEL FILL 75

SCALE: NONE	DRAWN: W.D.	APPROVED: <i>[Signature]</i>
DATE:	REVISION:	DRAWING NUMBER: FA 1.2.6.9 REV. A

A	ADDED SOLDERING OVER CHAIN SCREW HOLE GND. WIRE WAS FLATTENED & SOLDERED TO FILL	DATE: 1/15/76	BY: W.D.	APR
	REVISION			



PACEMAKER CORPORATION

EGG HARBOR CITY, NEW JERSEY

WIRING ARRANGEMENT: PAR-SERIES FRESH WATER PUMP [100]
W/REMOTE PRIMING SWITCH.

SCALE: NONE

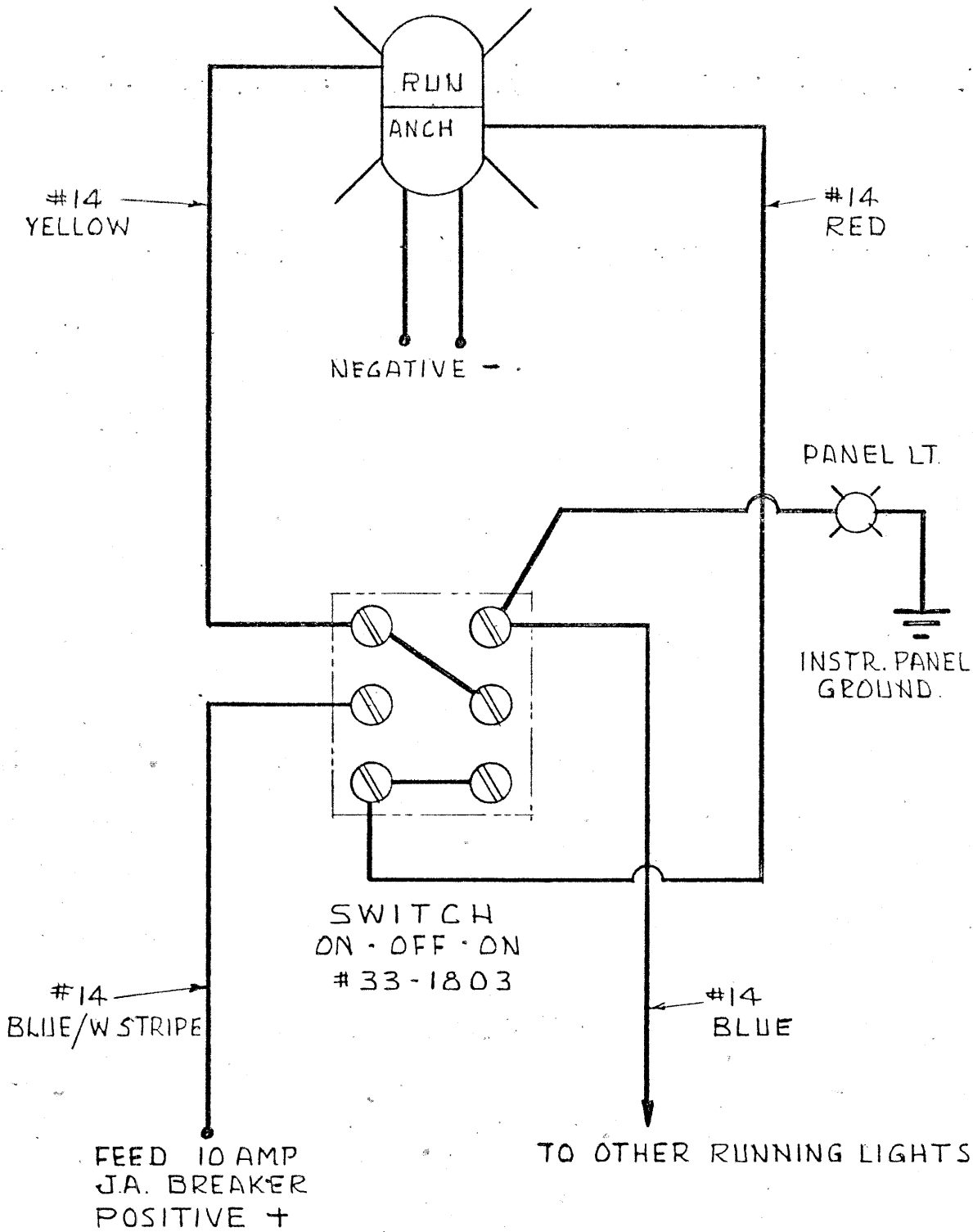
DRAWN: R.M. APPROVED: *[Signature]*

DATE: DRAWING NUMBER: EA 1.419 REV. A

A ADDED #10 ORANGE W/STRIPE FROM SW. 9-24-75 W.D. *[Signature]*

REVISIONS - DESCRIPTION DATE BY APR

COMBINATION LIGHT

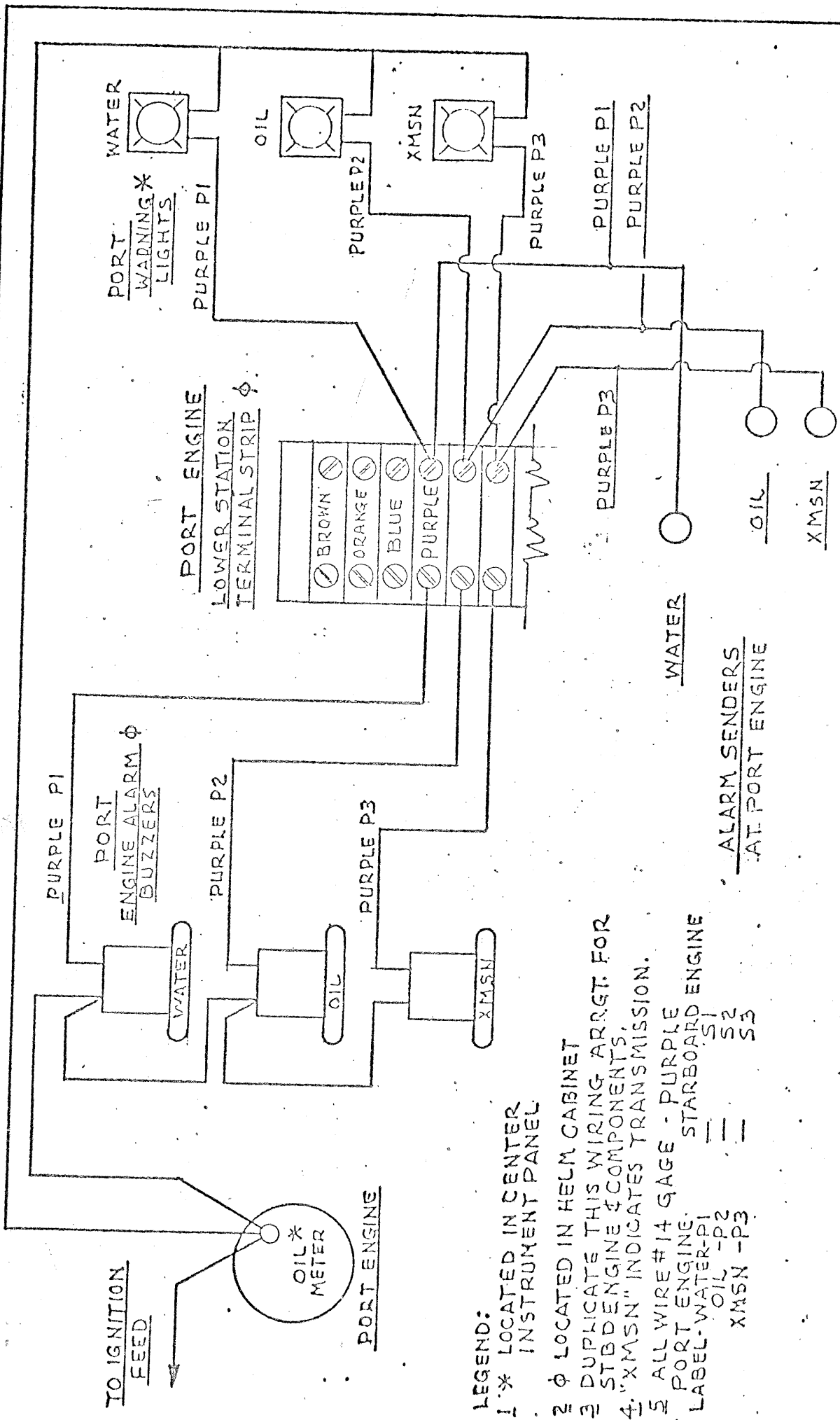


PACEMAKER CORPORATION
EGG HARBOR CITY, NEW JERSEY

117

WIRING ARRGT. - COMB. ANCHOR & RUNNING LIGHT

SCALE:	NONE	DRAWN: W.D. J.M.	APPROVED: <i>[Signature]</i>
DATE:	1-6-77	DRAWING NUMBER: EA1943	



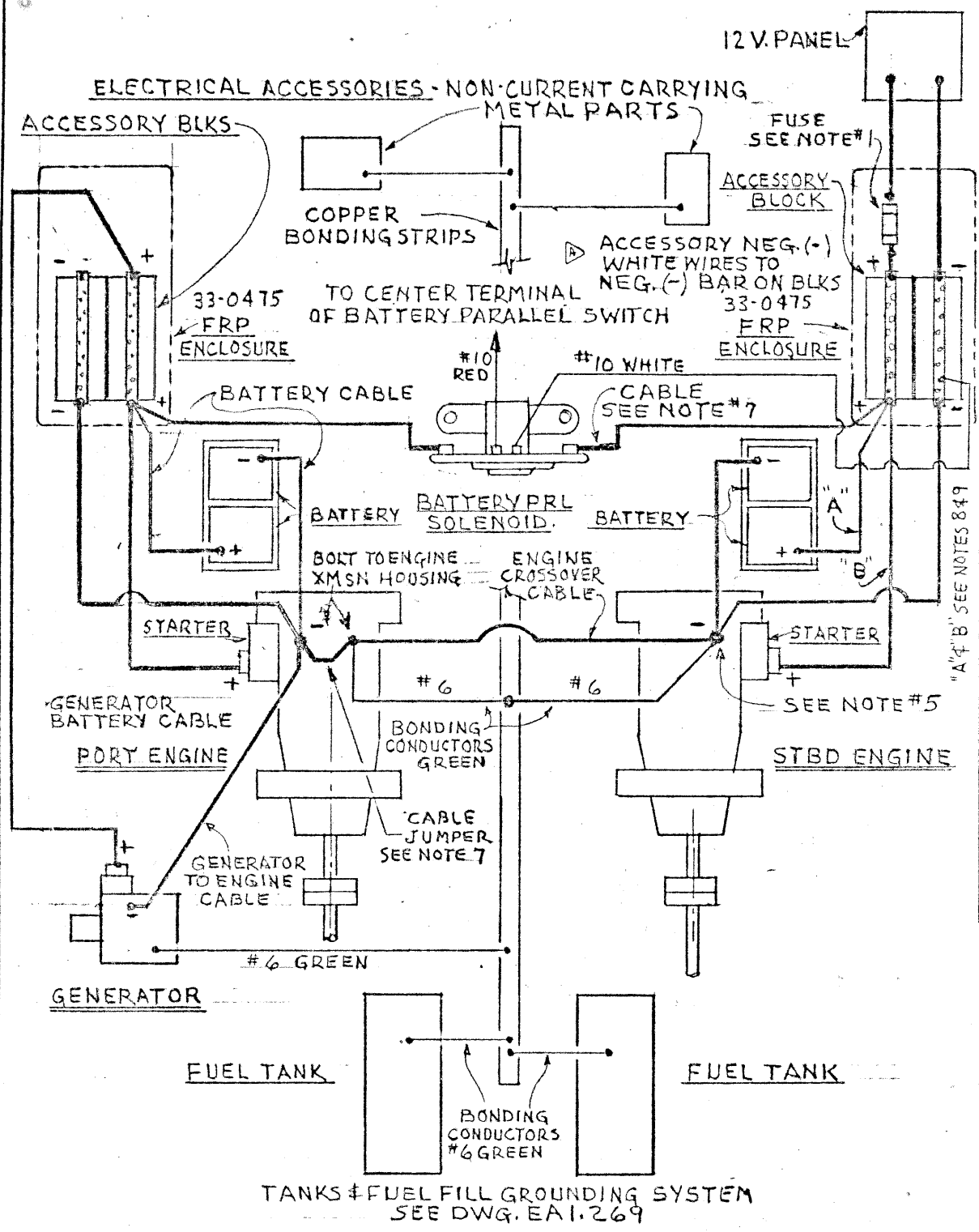
- LEGEND:**
- 1 * LOCATED IN CENTER INSTRUMENT PANEL
 - 2 φ LOCATED IN HELM CABINET
 - 3 φ Duplicates THIS WIRING ARRGT. FOR STBD ENGINE COMPONENTS,
 - 4 "XMSN" INDICATES TRANSMISSION.
 - 5 ALL WIRE #14 GAGE - PURPLE STARBOARD ENGINE
 PORT ENGINE: S1
 OIL - P2 S2
 XMSN - P3 S3

PACEMAKER CORPORATION
EGG HARBOR CITY, NEW JERSEY

WIRING ARRANGEMENT-INSTRUMENT PANEL WARNING LTS
C30; C32; SF36/OPT.LWR.HELM; MY40 - GASOLINE ENGINES

SCALE: NONE
 DATE: 10-14-77

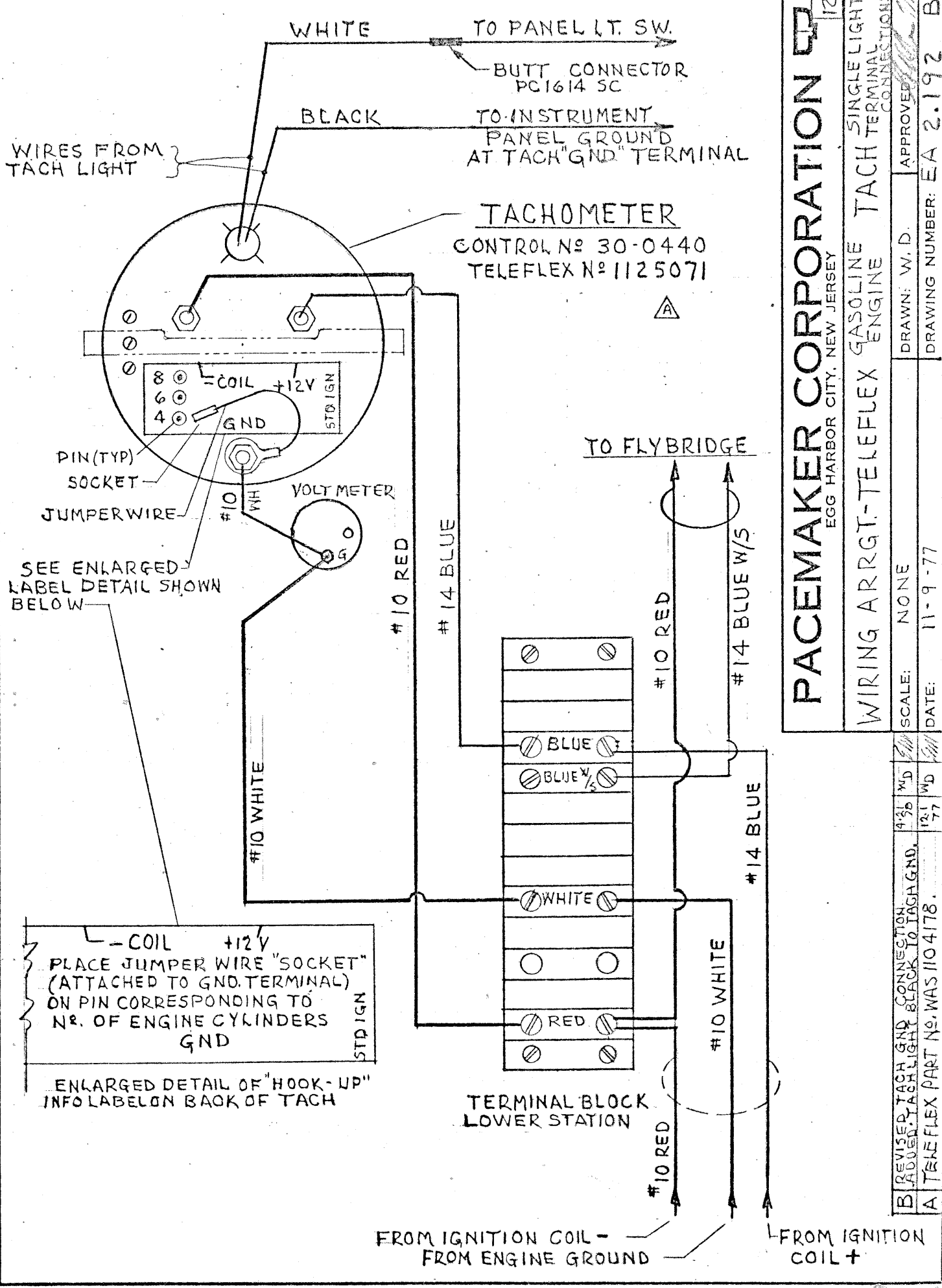
DRAWN: W D
 APPROVED: *[Signature]*
 DRAWING NUMBER: EA 2.164



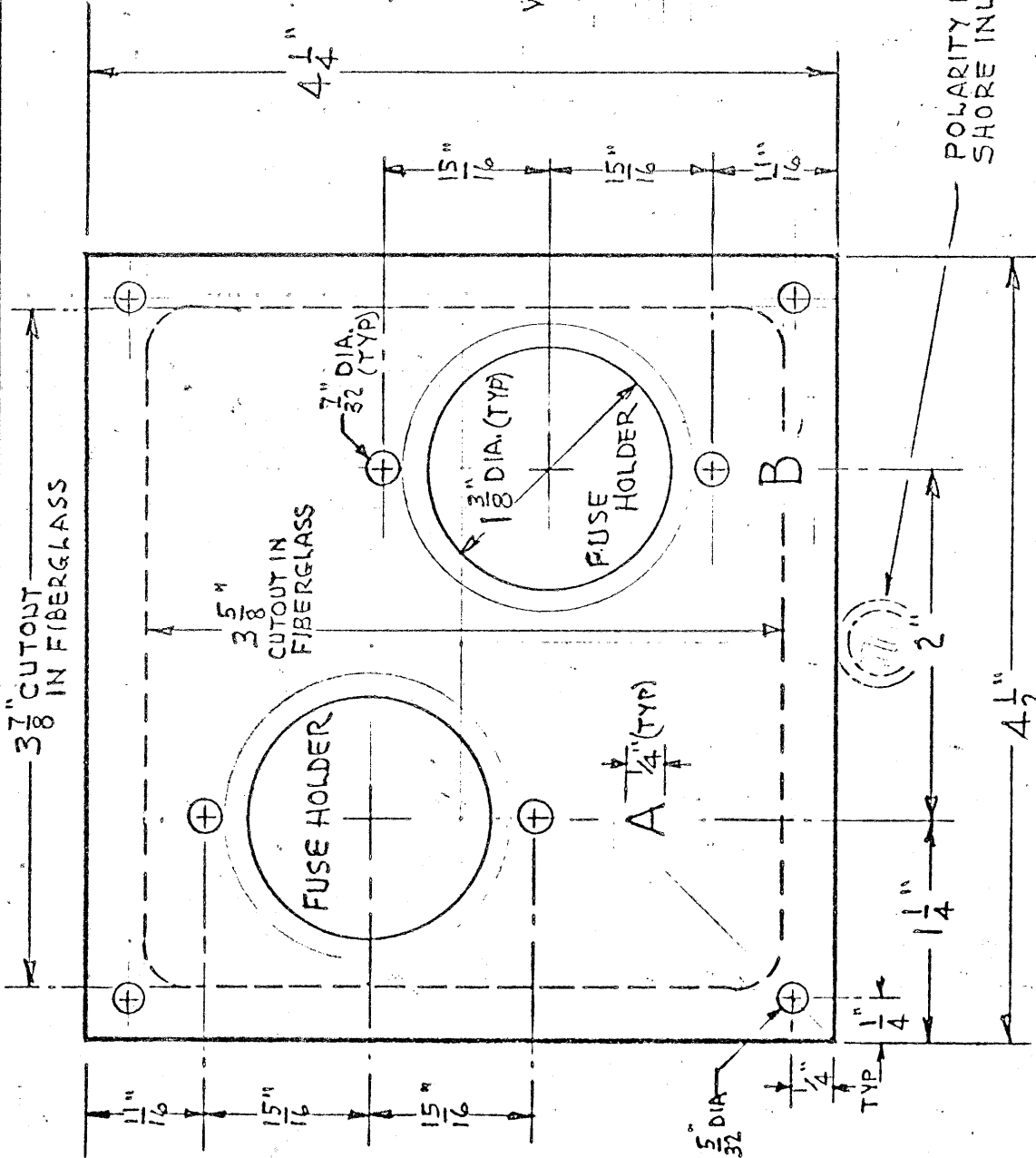
NOTES:

1. ADD TO PORT BLOCK WHEN ACCESSORIES ARE ON PORT BLOCK. DO NOT FUSE GENERATOR STARTER LINE.
2. WIRES ADJACENT TO EACH OTHER THROUGHOUT SYSTEM.
3. SYSTEM SHOULD BE POLARIZED THROUGHOUT.
4. SWITCHBOARD & DISTRIBUTION PANEL CABINETS, IF CONSTRUCTED OF METAL, MUST BE BONDED.
5. LIMIT FOUR (4) WIRES UNDER ONE BOLT-ENGINE NEGATIVE TERMINAL.
6. ELECTRICAL EQUIPMENT MAY BE INTERNALLY GROUNDING.
7. CABLE SIZE: SAME AS "BATTERY CABLE"
8. WHEN THE SUM OF THE LENGTHS OF CABLE "A" & "B" EQUALS OR EXCEEDS 25 FT. CABLE SIZE #2 MUST BE USED.
9. THE LENGTH OF CABLE "A" MUST NOT EXCEED 72".

B REMOVED CABLE FROM GEN - TO ACCES. BLK - 2.2 WD
 A BATTERY PRL SOL. CONNECTED TO ACCES. BLKS 12.15 MD



B	REVISED TACH GND CONNECTION	4/36	WD
	ADDED TACH LIGHT BLACK TO TACH GND.	12/1	WD
A	TELEFLEX PART NO. WAS 1104178.		77



FUSE PANEL FOR USE WITH
SPLIT SHORE INLETS
110 VOLT; 30 AMP SERVICE
1 PANEL REQD. / BOAT

WESCO INDICATING FUSE HOLDER #5800-11
HOLDER CONTROL N^o. 39-0064
30 AMP CARTRIDGE FUSE N^o. 39-0063
NOTE: COVER TAPE OR BOOT ALLOW
LIVE CONNECTIONS.

POLARITY LIGHT
SHORE INLET.

CONTROL N^o. 39-2445
LETTERS "A" & "B" TO BE ENGRAVED.

MATERIAL: 1" WHITE ENGRAVING STOCK FORMICA
PACEMAKER CORPORATION
EGG HARBOR CITY, NEW JERSEY

SF40
MY40

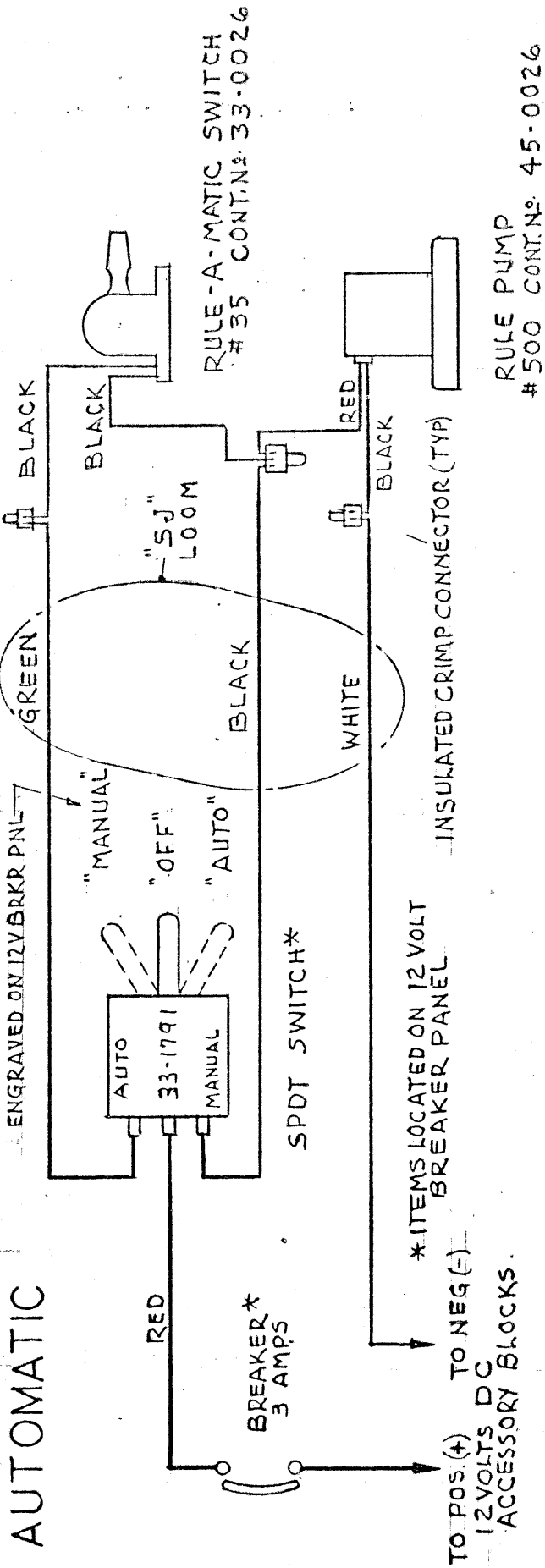
LOCATE ABOVE SHORE
INLETS UNDER GUNWAKE-STBD.
DECK

SF36
SF33
OPTION
FULL SIZE
SCALE: 12.7.77

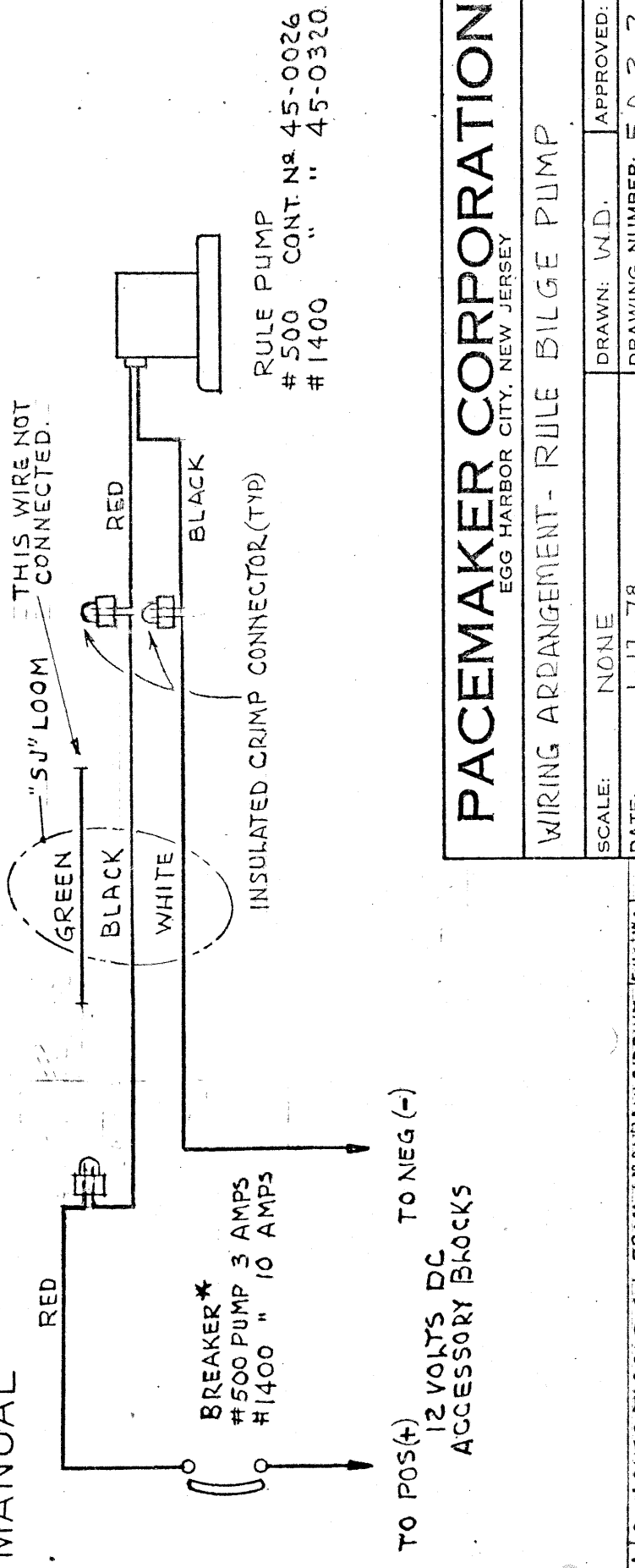
APPROVED: W.D.
DRAWING NUMBER: EA 2.223 A

ADDED CONTROL N^o.

AUTOMATIC



MANUAL



PACEMAKER CORPORATION
EGG HARBOR CITY, NEW JERSEY

WIRING ARRANGEMENT - RULE BILGE PUMP

SCALE: NONE	DRAWN: W.D.	APPROVED: <i>W.D.</i>
DATE: 1-17-78	DRAWING NUMBER: EA 2.266 A	

A REMOVED TOGGLE SW. FROM "MANUAL" CIRCUIT 5/16/70

EXTERNAL RESISTOR

CRUSADER ENGINE WIRING

PACEMAKER TERMINAL BLOCK ON ENGINE

- TO "12V" ON TACH
- TO ENGINE ALARM BUZZER
- TO PUSH BUTTON START
- TO "5" OIL TEMP. METER
- TO "5" OIL PRES. MTR
- TO VOLT METER "GND"
- TO KEY SW. "BATT"
- TO "COIL" ON TACK

VIA MAIN STATION (STATION W/KEY SW) TERMINAL BLOCK

NOTE: PACEMAKER WIRES #14 GAUGE UNLESS OTHERWISE NOTED.

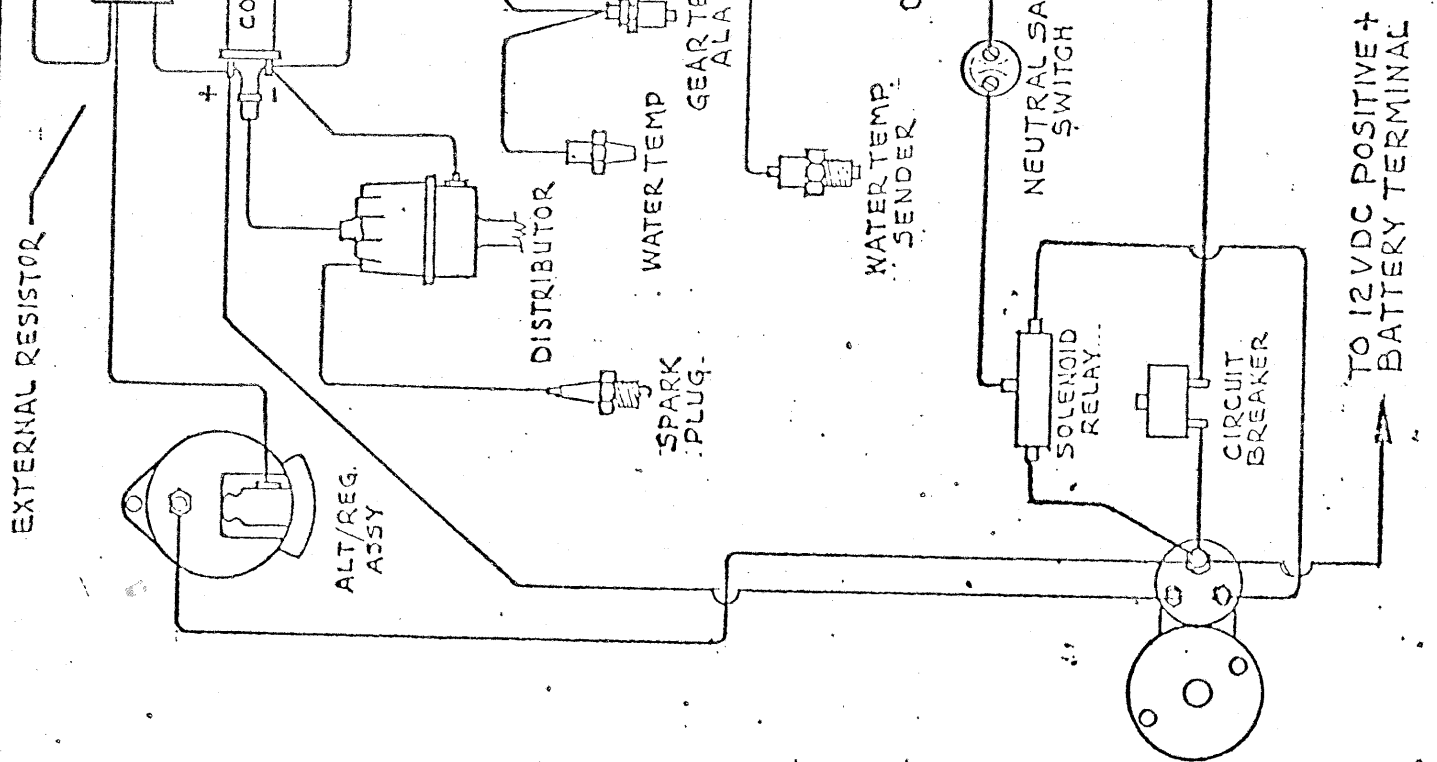
ENGINE GROUND

ENGINES WITH CRUSADER WIRING HARNESS

PACEMAKER CORPORATION EGG HARBOR CITY, NEW JERSEY

CRUSADER ENGINE - TERMINAL BLOCK WIRING

SCALE: NONE	DRAWN: Y. D.	APPROVED: J.M.H.
DATE: 4.26.78	DRAWING NUMBER: EA2.347	



TO 12VDC POSITIVE + BATTERY TERMINAL

CIRCUIT NUMBER

BREAKER SIZE

<u>CIRCUIT NUMBER</u>	<u>BREAKER SIZE</u>
#1 MAIN	Q0 230 WH
RANGE - 2 BURNER	Q0 20
WATER HEATER	Q0 20
HEATER	Q0 15
HEATER	Q0 15
HEATER	Q0 15
OUTLETS	Q0 15
REFRIGERATOR	Q0 115
OUTLETS - GALLEY & HEAD.	Q0 20

FOR CIRCUIT NUMBERS SEE ELECTRICAL LAYOUT DWG

PACEMAKER CORPORATION
EGG HARBOR CITY, NEW JERSEY

SHORE SERVICE INLET WIRING (NO GENERATOR)
30 AMP - 120 VOLTS

SCALE: NONE
DATE: 7-28-78
DRAWN: WD
APPROVED: [Signature]
DRAWING NUMBER: EA 2.4.05

