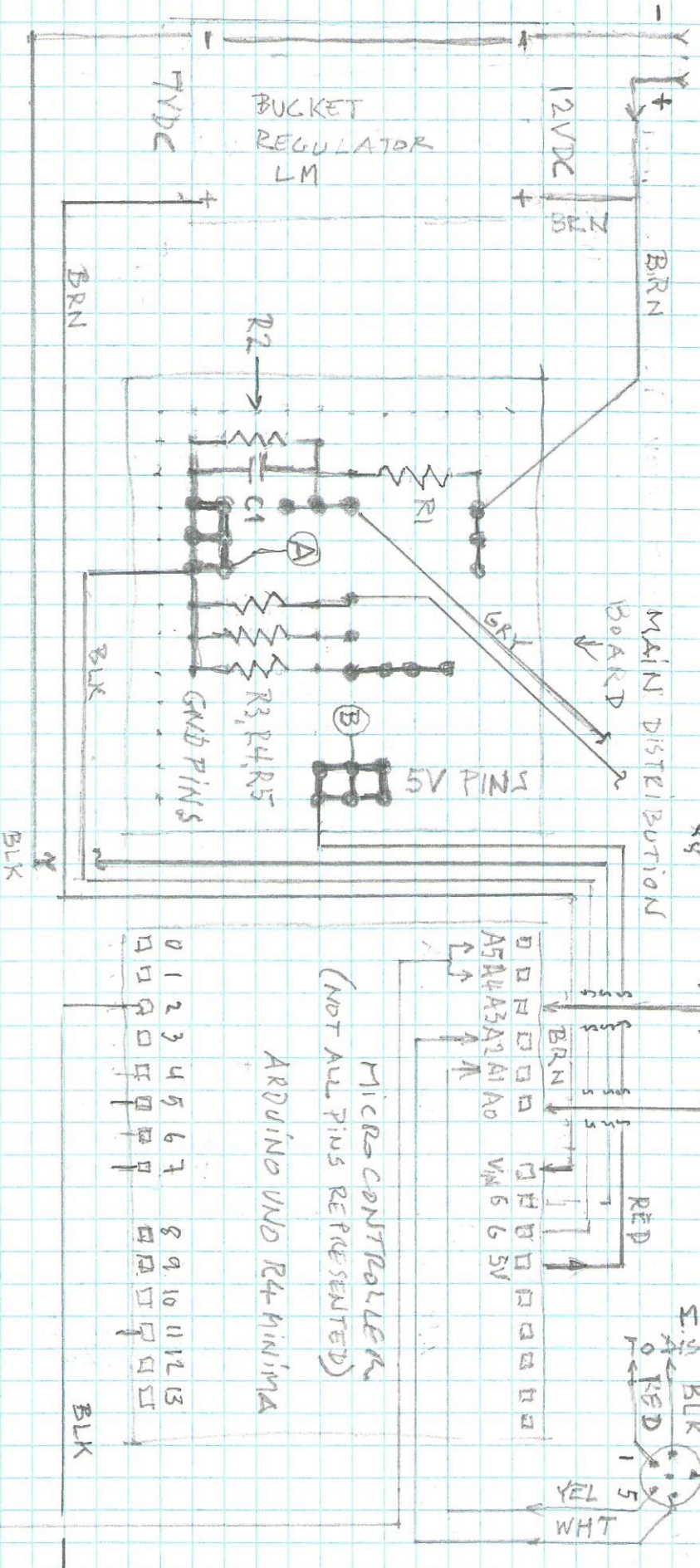


EQUIPMENT IS TAPPED IN 30 MM PART OF WOOD BOX

FROM BOAT SERVICE BATTERY VIA 12VDC SOCKET
12VDC PANEL SWITCH



① CONNECTIONS BETWEEN MAIN AND SECONDARY DISTRIBUTION BOARDS

● MALE PINS

□ FEMALE PINS

R1 - 47kΩ

R2 - 22kΩ

R3, R4, R5 - 10kΩ

C1 - 100nF

G - GND

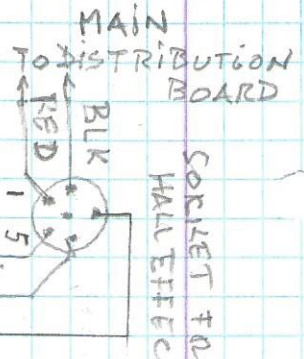
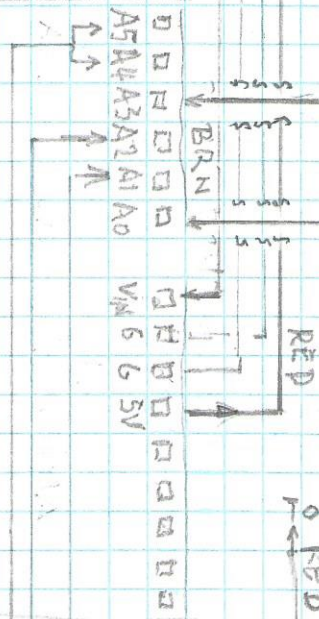
- Common ground of both negative of batteries

WIRE COLORS: RED - RESERVED FOR +5V ALWAYS PRESENT
RED - RED
BLK - BLACK
WHT - WHITE
GRAY - GREY
ORG - ORANGE
BLK - RESERVED FOR GND ALWAYS PRESENT
BLK - +12V OR +7V

NOTE 1: ALL ARDUINO ANALOG PINS NOT USED SHALL BE CONNECTED TO GND VIA A 100kΩ RESISTOR

0	1	2	3	4	5	6	7	8	9	10	11	12	13
□	□	□	□	□	□	□	□	□	□	□	□	□	□

ARDUINO R4 MINIMA
(NOT ALL PINS REPRESENTED)



ORG (SCL)
BRN (SDA)
TO LCD