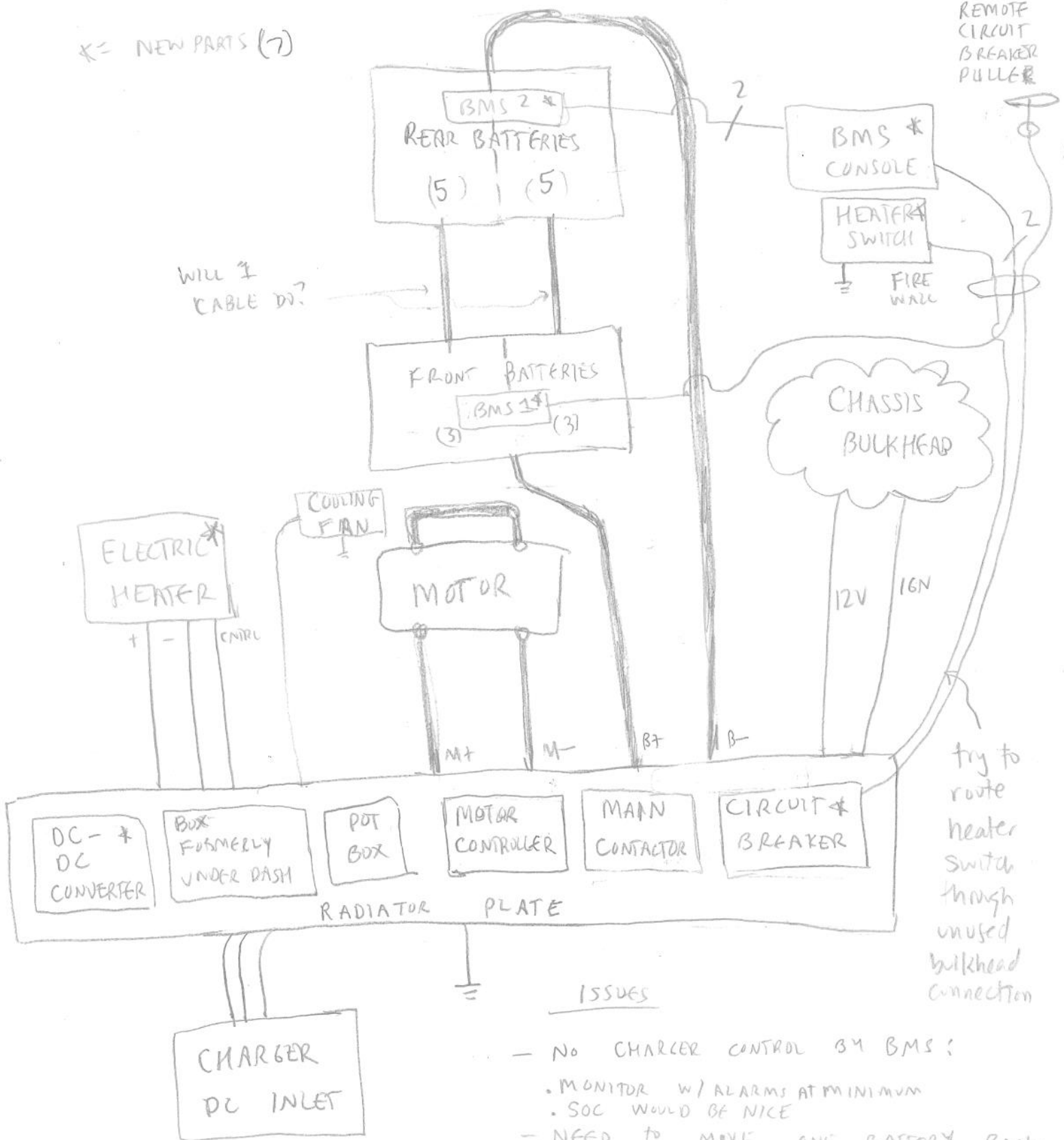


DON'S EV: NEW BLOCK DIAGRAM ?

* = NEW PARTS (?)



ISSUES

- NO CHARGER CONTROL BY BMS:
 - MONITOR W/ ALARMS AT MINIMUM
 - SOC WOULD BE NICE
- NEED TO MOVE ONE BATTERY BACK:
 - ROOM UNDER REAR SEATS ?
- NOT SURE HOW ALL WORKS
- 2 STRINGS HARDER TO BALANCE
- 2X THE CELLS - MORE COMPLEXITY

Don's EV Bulkhead Connector (40 PIN)

1980 Plymouth Horizon

COMMON CONNECTIONS (14)

LOW BRAKE SW (TO GND) → 29 BLK
 LOW BEAMS ← 39 VIO

WASHER MOTOR
 RIGHT TURN LIGHT

PARKING LIGHTS → 24

WIPER MOTOR → 20, 19, 16, 15

HI BEAMS ← 5

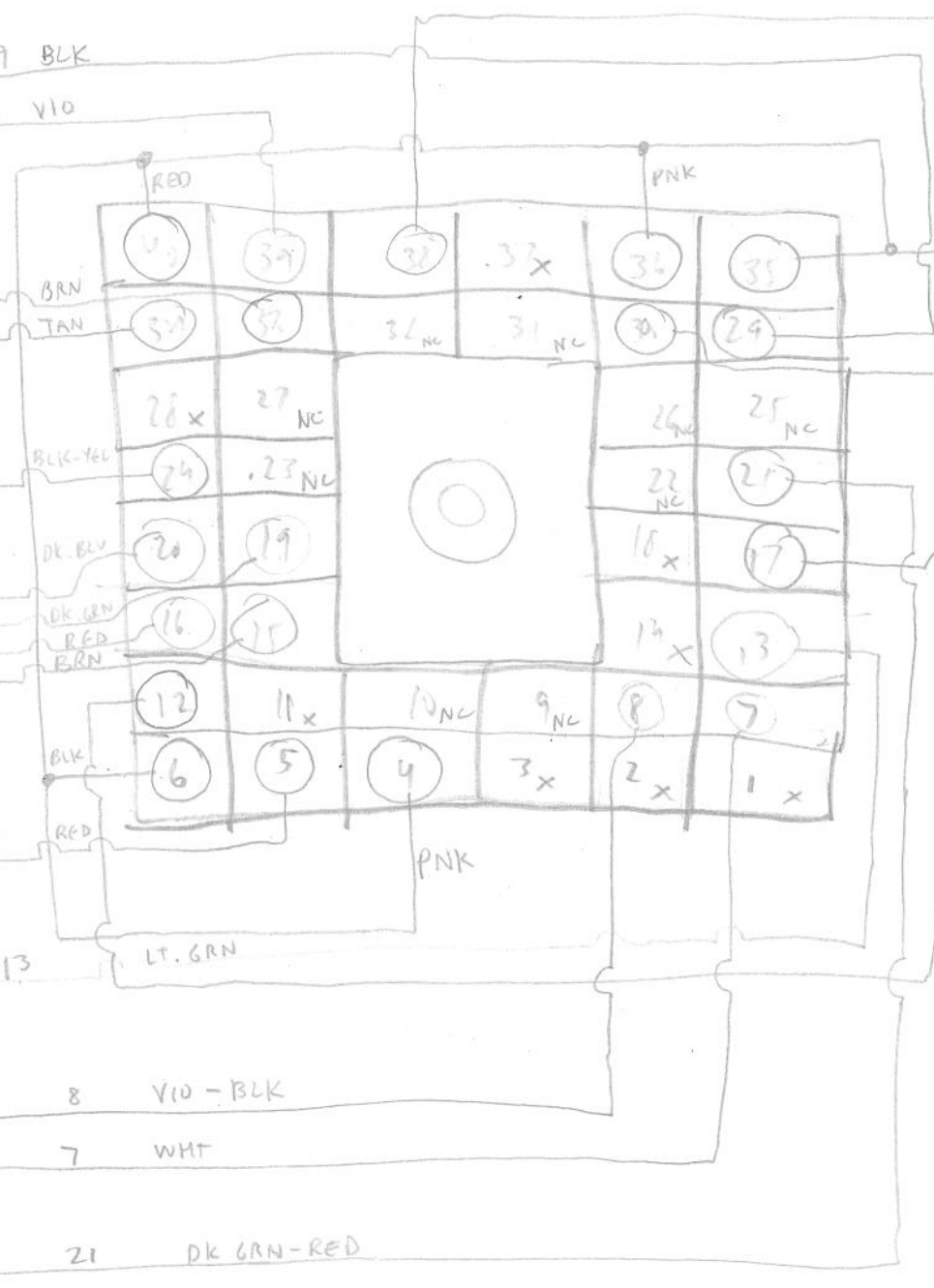
LEFT TURN LIGHT ← 13

REVERSE LAMP SWITCH → 8, 7

HORNS ← 21

EV CONNECTIONS (9)

DK. BLV 38 → KEY ON (RUN)
 BLK-RED 35 ← 12V (5)*
 RED 30 ← AMP GAGE
 BLK 12 ← AMP GAGE
 VIO 17 ← OIL/TEMP LIGHT SW (TO GND)



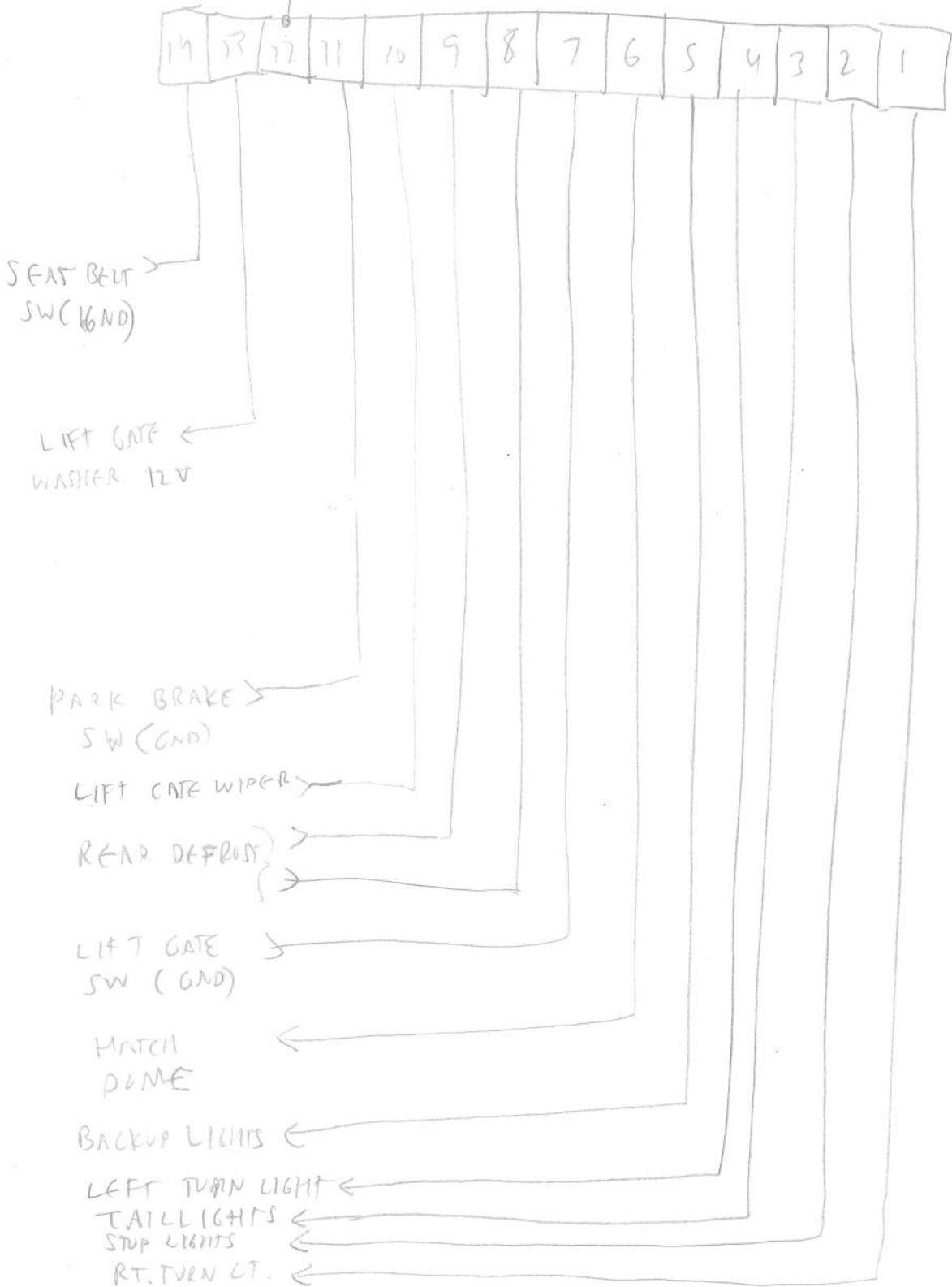
* = REQUIRED TO RUN EV COMPONENTS (2(6)) - 12V AND KEY ON
 NC = NO CONNECTION (9) 9, 10, 22, 23, 25, 26, 27, 31, 32 (LEAVE THE REST FOR LATER)
 X = NOT NEEDED (8) START 14
 AIR 11, 18, 28
 CRUISE 1, 2, 3
 TACH 37

Don's EV REAR LOOM CONNECTOR

COMMON CONNECTIONS
(13)

EV CONNECTIONS
(1)

DK BLU



← FUEL GAGE
(RESISTANCE TO GND)
(- LEAVE FOR LATER)