BAGMAN ON GALAXIAN   ①

1) CUT & LIFT PINS:-

                        9 OF 6F — INTERRUPT   ·✓
                        3 OF 8E
                        5 OF 8E
                        5 OF 8L
                        12 OF 8M
                        12 OF 8N ✗

2) LIFT THE TERMINAL OF R56 CLOSEST TO THE CPU & CONNECT TO PIN 17 ✓
OF CPU. ▓ ▬

3) CONNECT PIN 9 OF 6F to PAD VACATED BY R56. ▬   ✓

4) LINK TRACK OF 8E PIN 5 TO 8E PIN 6.   ✓

M8

5) PIGGY BACK A 74LS139 CUTTING ALL PINS EXCEPT PINS 8 & 16.
                        ✓CONNECT PIN 1 TO 8M PIN 12   ∿R 3 (RM∧3)
                          "   " 15 " 8N "   "   RD 3
                          "   " 4 " TRACK OF 8M PIN 12
                          "   " 12 "   "   "   8N "   "
                          "   PINS 2 & 14 TO 7D PIN 11 ▬A9
                          "   " 3 & 13 " 7D !"   9 ▬ A8

6) 8 WAY EXPANDER BOARD.

    PLUG IN 6 EPROMS IN THEIR USUAL POSITIONS LIFTING PINS 21, 18 & 20.
    LINK ALL PINS 21 AND CONNECT TO 7D PIN 3 USING A FLYING LEAD, A11
    LINK PINS 18 & 20 ON EACH EPROM.
    PLUG IN A 6116 RAM IN SOCKET 7 LIFTING PINS 21,18 & 20, ' ·
    LINK PINS 18 & 20 .
    C ONNECT PIN 21 TO PIN 10 OF 7P USING A FLYING LEAD. PIGGY BACK A
    74LS138 ON EXISTING DECODER (CONNECTING PINS 8 & 16)

                    Pin 4 to A 15

CONNECT PIN 1 OF 138 TO PIN 5 OF 7D A12
     "   "   2 "   "   "   "   7 " " A13
     "   "   3 "   "   "   " · 2 " 8E A14
     "   "   5 "   "   " GND.
     "   "   6 "   "   " + 5V.
     "   "   9 "   "   " PIN 20 OF RAM (6116)
     "   " 10 "   "   "   "   " " EPROM 6
     "   " 11 "   "   "   "   " "   "   5
     "   " 12 "   "   "   "   " "   "   4
     "   " 13 "   "   "   "   " "   "   3
     "   " 14 "   "   "   "   " "   "   2
     "   " 15 "   "   "   "   " "   "   1

                                    SEE OVER