```
000C    02
  0D    B1    PHI   R1    ;R1.1 = 81
  0E    F8    LDI
  0F    1A
0010    A1    PLO   R1    ;R1 = 021A -interrupt one page routine
  11    F8    LDI
  12    03
  13    B4    PHI   R4    ;R4.1 = 03
  14    B5    PHI   R5    ;R5.1 = 03
  15    F8    LDI
  16    01
  17    B2    PHI   R2    ;R2 = 01FF -stack pointer
  18    A4    PLO   R4    ;R4 = 0301 -Call routine program counter
  19    F8    LDI
  1A    11
  1B    A5    PLO   R5    ;R5 = 0311 -Return routine program counter
  1C    E2    SEX   2     ;X = 2
  1D    69    INP         ;Turn on video
  1E    D4    SEP   R4
  1F    03                ;Call Clear Memory
0020    1D
  21    30                ;Branch to patch @ 0074 to initialize link
  22    74                                                      table
  23    ED    PHI   RD    ;RD = 0A00 -beginning of Symbol Table

                  FIRST PASS CONTROLLER

0024    F8    LDI
  25    81
  26    BC    PHI   RC
  27    F8    LDI         ;Initialize RC = 8195 -Key Scan routine
  28    95
  29    AC    PLO   RC    ;Initialize RC = 8195 -Key Scan routine
  2A    D4    SEP   R4
  2B    03                ;Call Address Entry to set R9
  2C    2D
  2D    D4    SEP   R4    ;Begin Main Loop
  2E    03                ;Call Signal User (to select pass 1 or 2)
  2F    54
0030    DC    SEP   RC    ;Call Key Scan -get instruction
  31    FB    XRI
  32    01                ;Test if Key 1 pressed for first pass
  33    3A    BNZ
  34    7B                ;If not, branch to do second pass @ 007B
  35    F8    LDI
  36    06
  37    AE    PLO   RE    ;RE.0 = # pages to be read in from tape
  38    D4    SEP   R4
  39    03                ;Call Tape Read/Write
```