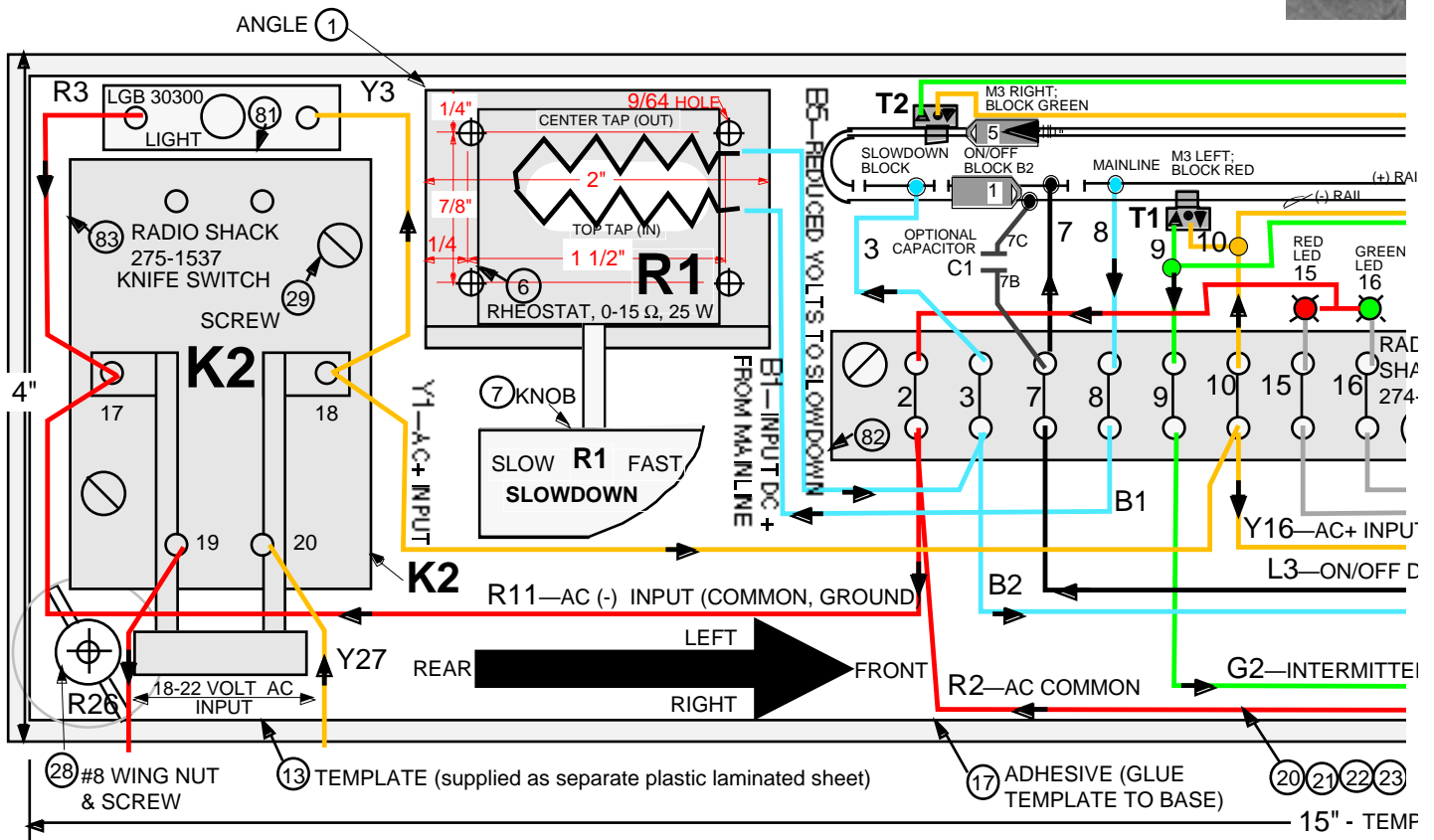


(28) #8 WING NUT & SCREW

**Wire List And Colors:**

- Black L3, 7
- Blue B1, B2, B5, 3, 8
- Green G2, 9, 12
- Red R2, R3, R11, (2)
- Yellow Y1, Y3, Y16, 10
- Gray A1, A2, (15, 16)

- DC (+) Switched output to left rail of block
- DC (+) Unswitched input from l. rail of mainline
- AC (+) Switched output from track contacts
- AC (-) Unswitched (Common)
- AC (+) Unswitched input to track contacts
- AC (+) Switched output to target light LEDs



(28) #8 WING NUT & SCREW

(13) TEMPLATE (supplied as separate plastic laminated sheet)

(17) ADHESIVE (GLUE TEMPLATE TO BASE)

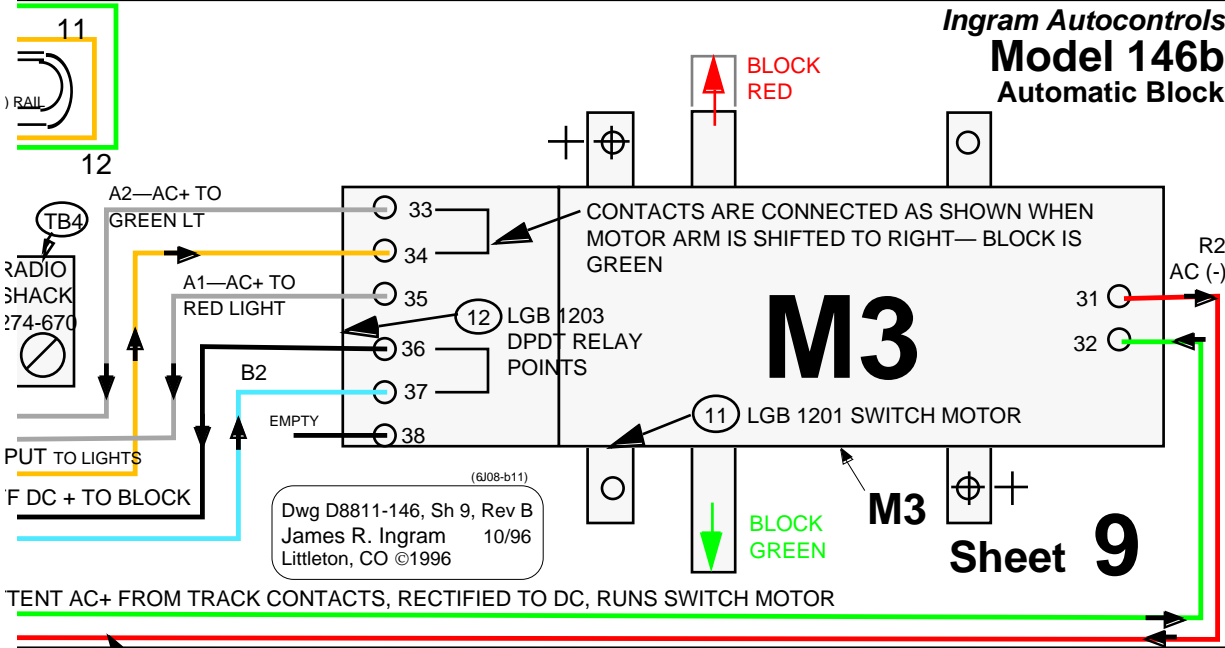
(20) (21) (22) (23)

15" - TEMP

**Phase 2 Control Unit—Standard Version w/Slowdown**

# Phase 1 Control Unit— Starter Version

Ingram Autocontrols  
Model 146b  
Automatic Block



(6J08-b11)  
Dwg D8811-146, Sh 9, Rev B  
James R. Ingram 10/96  
Littleton, CO ©1996

## M3

Sheet 9

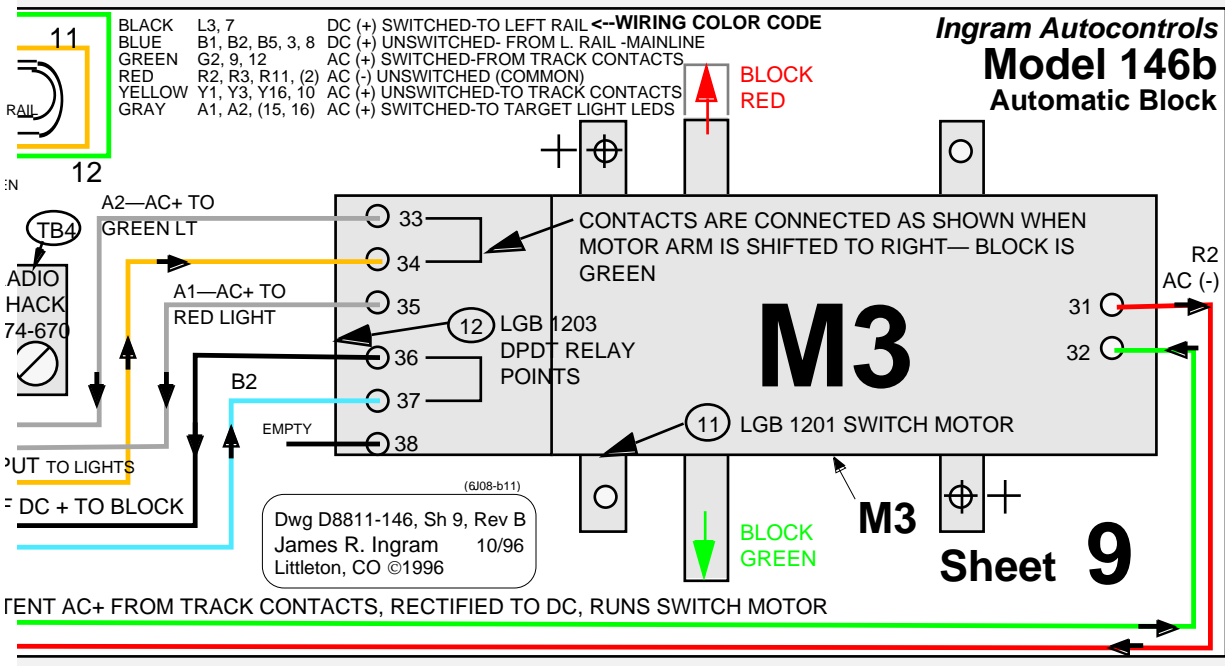
20 21 22 23 24 25 COLORED WIRE

19 PAINT

27 BASE, 1/2" x 4" WIDE X 21" LONG PLYWOOD (NOTE THAT WOOD BASE CONTINUES PAST EDGE OF DRAWING)

### Drill Sizes—Wood Base:

- 5/64 — Wood pilot holes (for #4 screws)
- 7/64 — Ream holes in switch motor feet for #4 screws
- 9/64 — Holes for wires
- 3/16 — 2 holes for #8 x 1-1/4 wing nuts



(6J08-b11)  
Dwg D8811-146, Sh 9, Rev B  
James R. Ingram 10/96  
Littleton, CO ©1996

## M3

Sheet 9

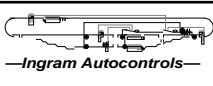
24 25 COLORED WIRE

19 PAINT

27 BASE, 1/2" x 4" WIDE X 21" LONG PLYWOOD (NOTE THAT WOOD BASE CONTINUES PAST EDGE OF DRAWING)

3-3/4" WIDE TEMPLATE

**JAMES R. INGRAM** 1738 EAST 3RD ST, #357  
© 1996 303-322-0988 WILLIAMSPORT, PA 17701-3868



TITLE MODEL 146b SGL-TRACK AUTOMATIC BLOCK  
DWG SERIES D8811-146 ORIG 25DEC95 REV D 28MAR98  
CONTROL UNIT TEMPLATE SH.

# 9