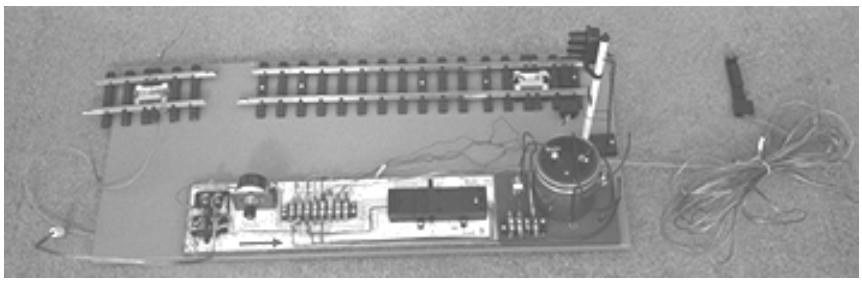
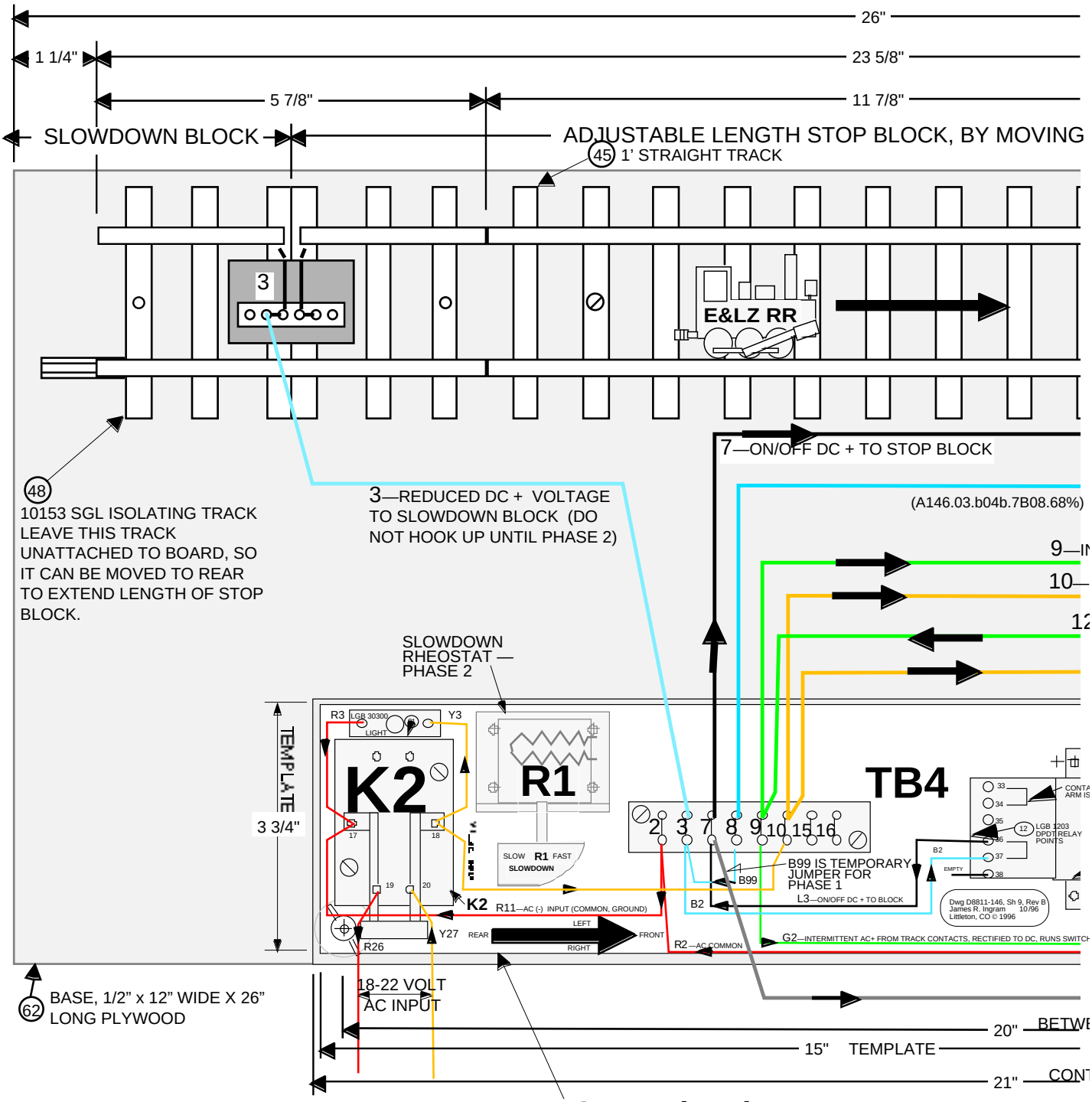


Note: AC power to operate the contro
DC track power from the left (+) rail e
returns to the track on wire 7. The ri

Wire List And Colors:

Black	7
Blue	3, 8
Green	9, 12
Red	none shown
Yellow	10, 11
Gray	15, 16 (not sh



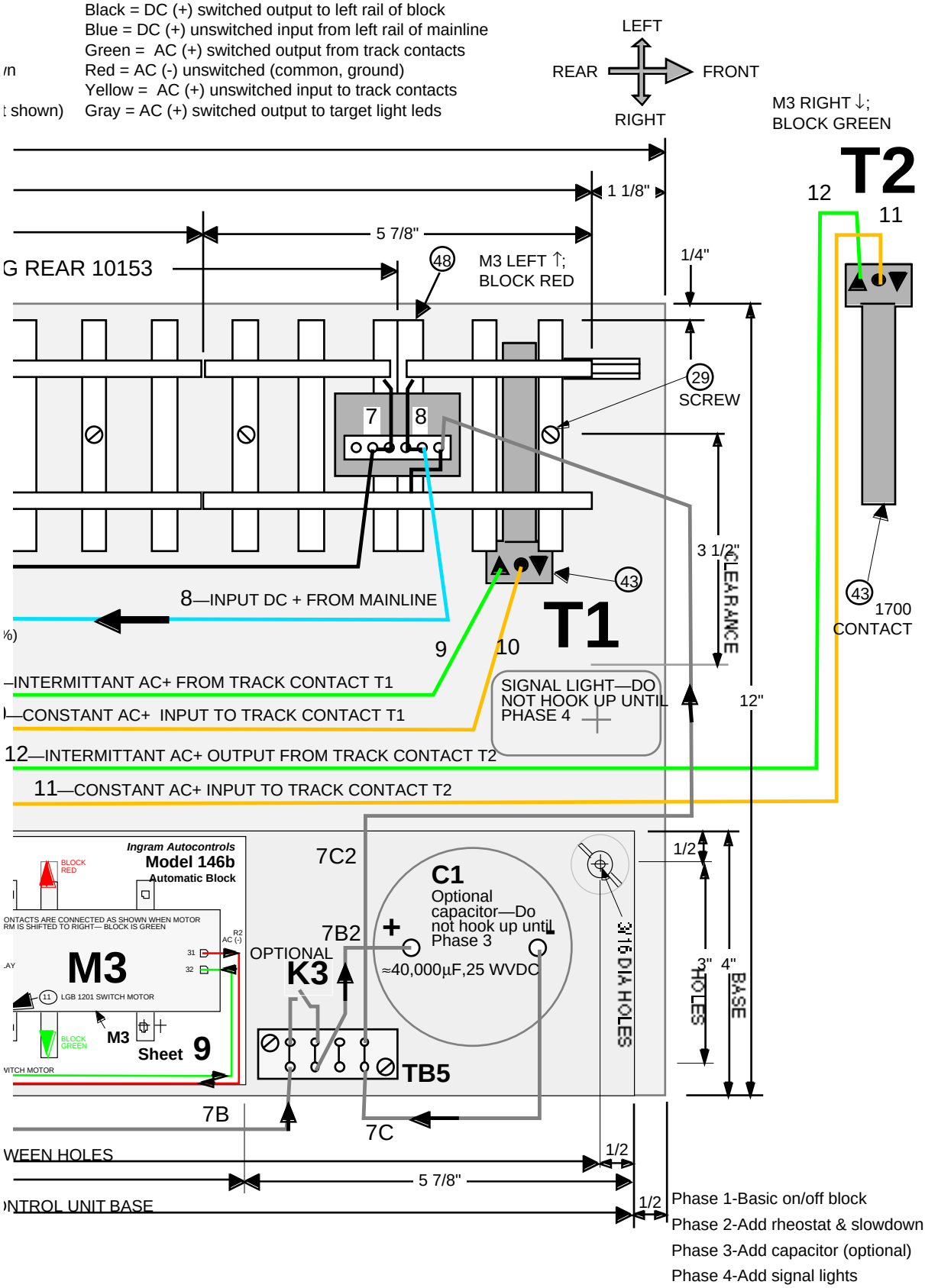
Control Unit Assy -
Build Per Sk146 Sh 9

Track Unit — Single Track Experimenter's Block

trols enters on wires R26 & Y27 at switch K2.
l enters the control unit on wire 8, and
right rail is unbroken.

DRILL SIZES—WOOD BASE: (A146.04.b06b.7B08.67%)
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 NUTS1.

Black = DC (+) switched output to left rail of block
Blue = DC (+) unswitched input from left rail of mainline
Green = AC (+) switched output from track contacts
Red = AC (-) unswitched (common, ground)
Yellow = AC (+) unswitched input to track contacts
Gray = AC (+) switched output to target light leds



Phase 1-Basic on/off block
Phase 2-Add rheostat & slowdown
Phase 3-Add capacitor (optional)
Phase 4-Add signal lights

JAMES R. INGRAM © 1996 303-322-0988	1738 EAST 3RD ST, #357 WILLIAMSPORT, PA 17701-3868	—Ingram Autocontrols—	TITLE MODEL 146b SGL-TRACK AUTOMATIC BLOCK	**4**
SCALE 0.45"=1" (11"X17") (90%-8C28-c01c2)			DWG SERIES **D8811-146** ORIG 25MAY96 REV C, **28MAR98** TRACK UNIT LAYOUT SH.	