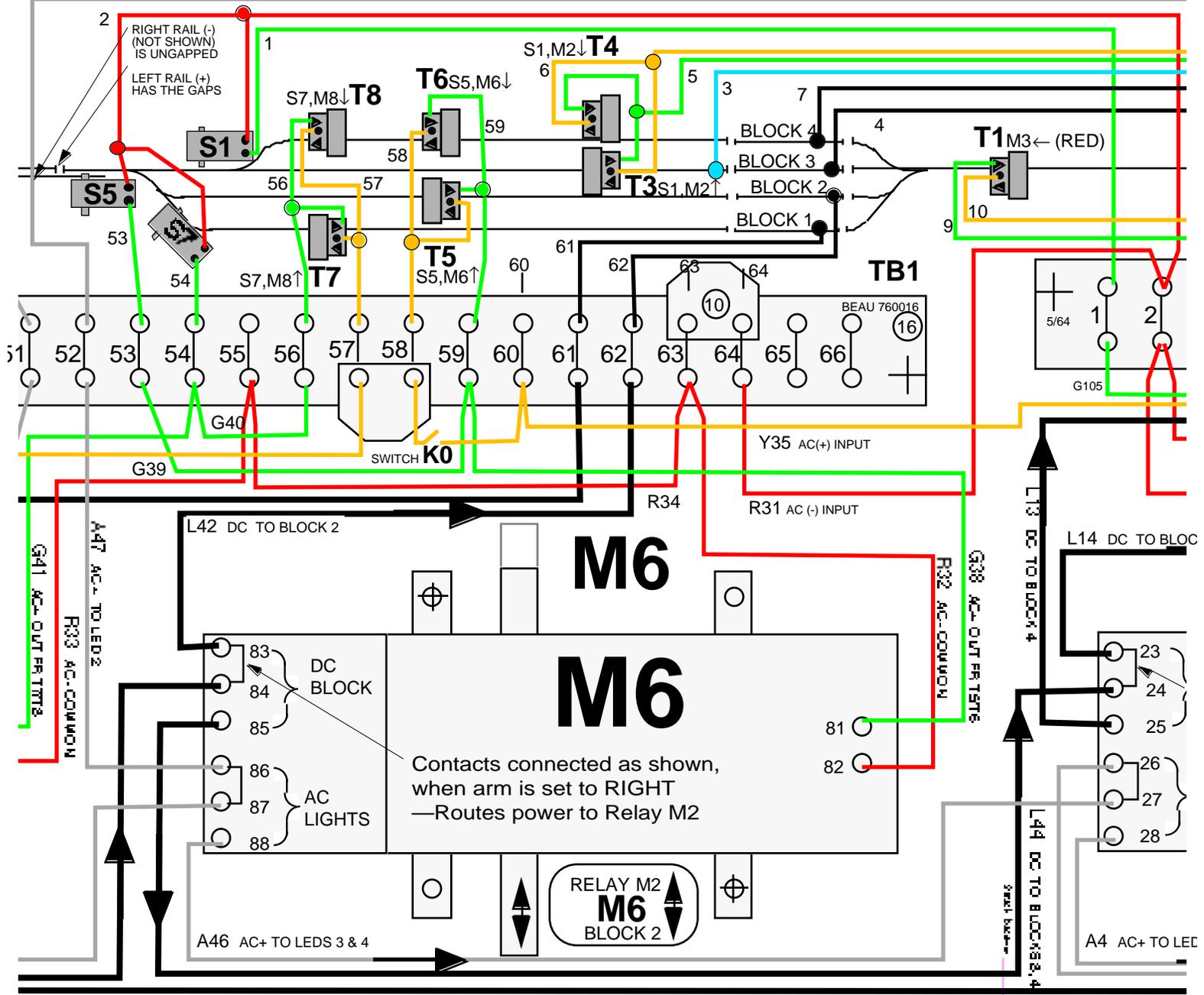


Wire List:

Color	Block	Switches
Red	R2	R11, R12, R31, R32, R33, R34
Yellow	Y1, Y16	Y11, Y17, Y35, Y37
Green	G2, G912	G12, G105, G38, G39, G40, G41
Blue	B1, B2, B5	None
Black	L3	L13, L14, L42, L43, L44, L45
Gray	A1,A2	A3, A4, A46, A47, A48, A49

<p>—Ingram Autocontrols—</p>	<p>JAMES R. INGRAM www.track2.com</p> <p>570-477-2520 © 2006 WILLIAMSPORT, PENNSYLVANIA</p> <p>SCALE 1"=1" (11"X17")</p>
	<p>TITLE MODEL 402 4-TRACK AUTOMATIC SWITCHING BLOCK</p> <p>DWG SERIES D402 ORIG 03 Feb 2006 REV B, 02 May 06</p> <p>FULL SIZE TEMPLATE SHEET 59</p>



Rheostat Bracket

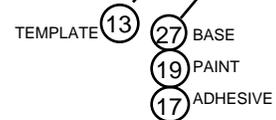
- R25, R26
- Y21, Y22, Y23, Y24, Y26, Y27
- None
- B7, B8
- None
- None

Wiring Color Code

- Red = AC (-) Unswitched (common)
- Yellow = AC (+) Unswitched (input to Track Contacts)
- Green = AC (+) Switched (output from Track Contacts)
- Blue = DC (+) Unswitched (input from left rail of mainline)
- Black = DC (+) Switched (output to left rail of blocks 1,2,3,4)
- Gray = AC (+) Switched (output to signal light LEDES 1,2,3,4)

Summary

- This template is to be glued on top of the wood base, to show where to attach parts & wires.
- Parts list is on Sheet 61
- See booklets 'P165' & 'P1653' for step-by-step assembly instructions.
- This template replaces the earlier & smaller template sheets 9 & 39.)



Drill Sizes—Aluminum Rheostat Bracket:

- 3/32 — 2 holes for toggle switch tabs Drill
- 9/64 — 4 holes (for wood screws)
- 1/4 — 4 holes (1 for rheostat tab, 2 for toggles, 1 for input jact) Drill
- 5/16 — 1 hole for LEDES
- 3/8 — 1 hole for rheostat shaft

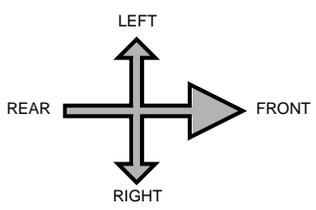
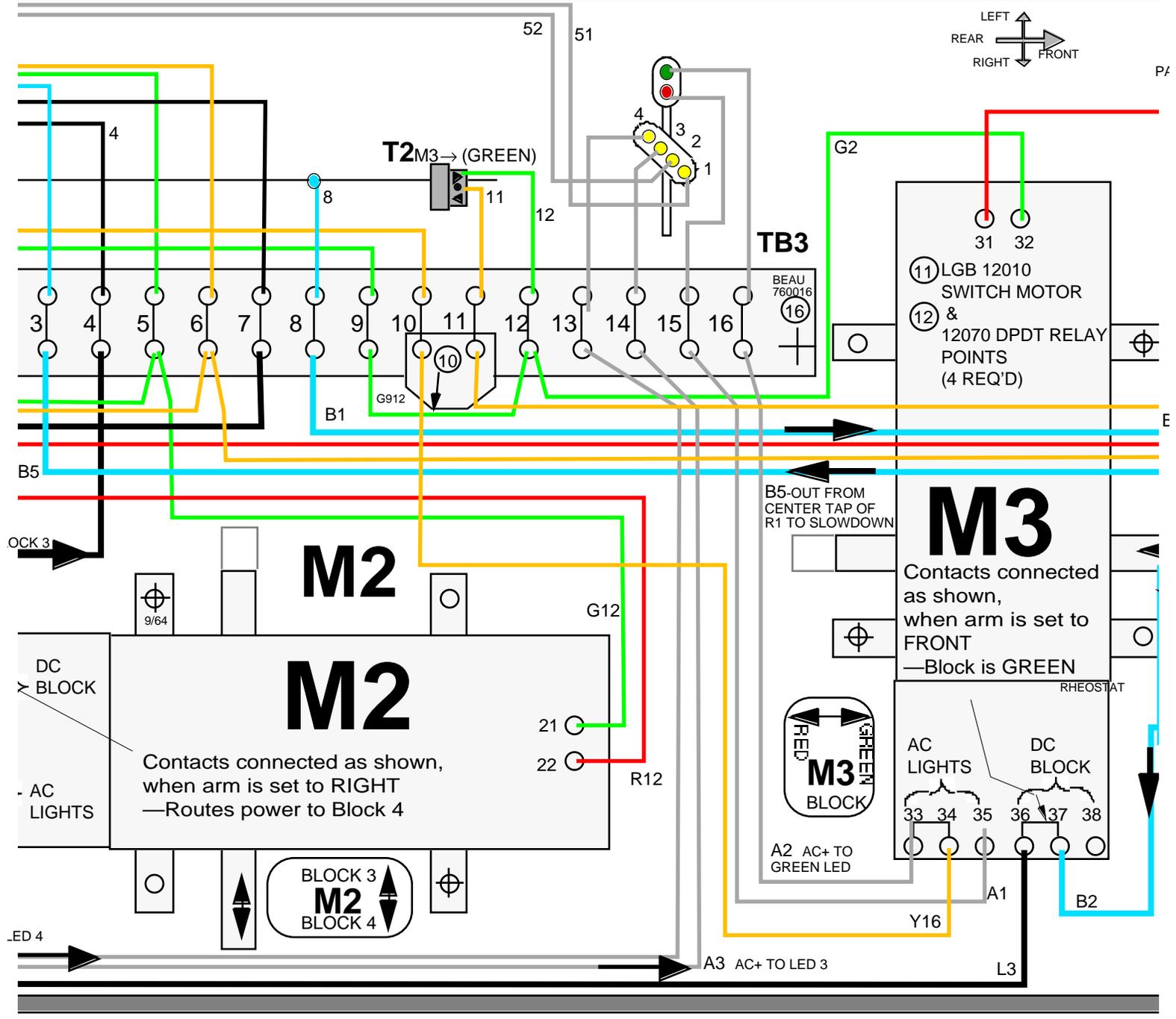


Fig 59c
-Looking at LEFT side of Control Bracket

- ANGLE (1)
- LABEL (14)
- CEMENT (18)
- (6) RHEOSTAT
- (7) KNOB

Drill Sizes— for Wood base:
 5/64 — 18 pilot holes (for #4 screws)
 3/16 — 2 holes for #8 x 1-1/4 wing nuts

Drill Sizes— for Switch Motor:
 1/8 — Ream out holes in switch motor feet for #4 screws(8 places)

Zellner Yard Sheet 59

designed by Ingram AutoControls

PART #T-402: TEMPLATE FOR MODEL 402, 4-TRACK CONTROL UNIT
 FROM DWG SET D402, SH 59, Rev A, May 2, 2006
 JAMES R. INGRAM, WILLIAMSPORT PA
 www.track2.com/ingram

Wiring Color Code

- Red = AC (-) Unswitched (common)
- Yellow = AC (+) Unswitched (input to Track Contacts)
- Green = AC (+) Switched (output from Track Contacts)
- Blue = DC (+) Unswitched (input from left rail of mainline)
- Black = DC (+) Switched (output to left rail of blocks 1,2,3,4)
- Gray = AC (+) Switched (output to signal light LEDS 1,2,3,4)

