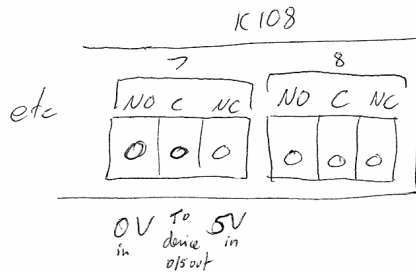


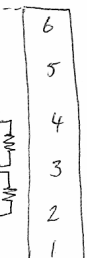
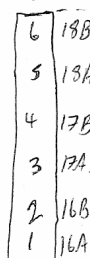
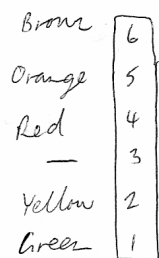
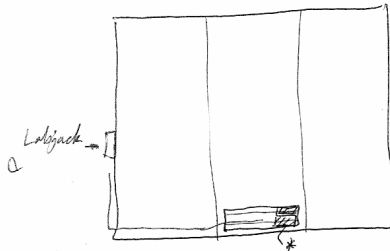
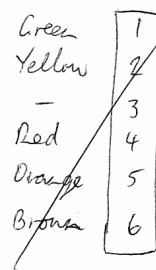
These are scans of Andrew's notes regarding the alignment apertures located at the tunnel ends. Wiring connections, microswitch connections and motor wiring diagrams.
Scanned Dec 17, 2009. Drawn about May(?) 2009.

Alignment Apertures.

See AlignmentApertures.doc



Connections.



C 8/6 K108

NC C 7/5 K108

IO 4/2 L.J.

NC on K108 then to L.J.
→ all NC's

IO 1/3 Labjack

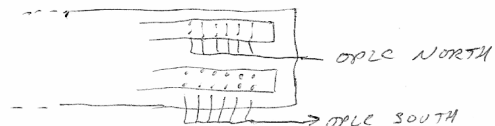
GND Labjack.

↑
Ribbon Cable
from Slide to
Box under
OPIC table.

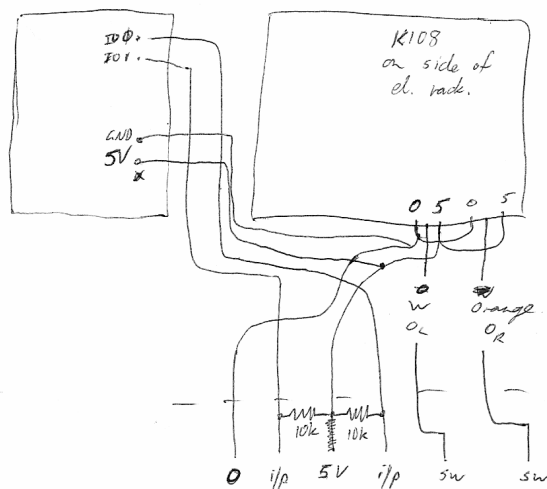
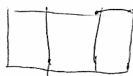
↑
Cables from
NS Seeds
to Control Room
electronics rack

↑
multicore cable
to Labjack
and "K108
relay box"

OPLC	SOUTH	16A	16B	17A	17B	18A
		"	"	"	"	"



Say	16A	0V	G_L	Gr	W
	16B	5V input	Y_L	Y	Grey
	17A	5V input	#	R	W
	17B	switch input	Y_R	R	Green
	18A	switch.	O_L	O	W
	18B	switch	O_R	Br	Orange



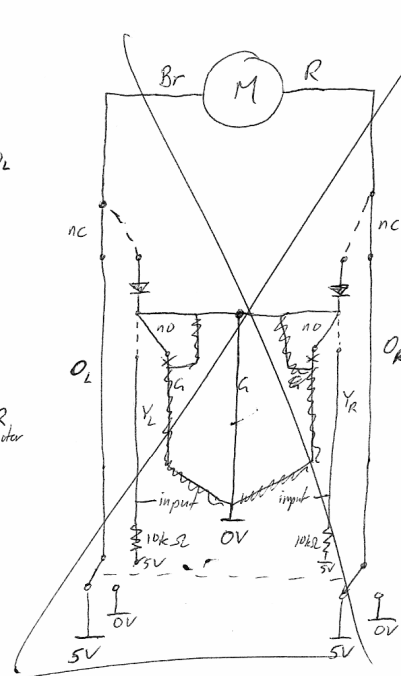
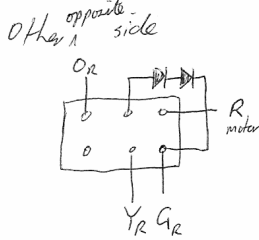
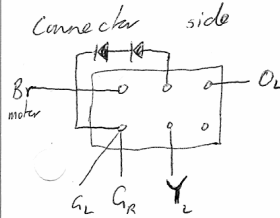
OUTPUTS - OLD, for Blue Table.

BL	OV	X -
Br	input/5V	G input/5V
X	-	Y -
R	switcl	O switch.

Connecton. New for Align App

L		R
G _L	- Green - X	G _R
Y _L	- Yellow Red -	Y _R
X	- X - - X(Y)	X
O _L	- Orange Brown -	O _R

Micro switches.



Alignment Aperture
Drives.

