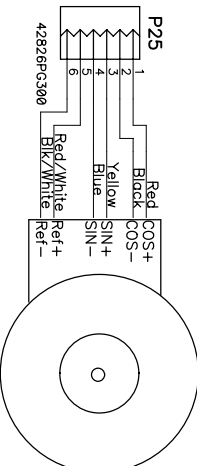
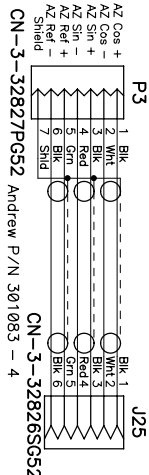
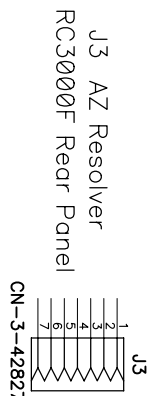
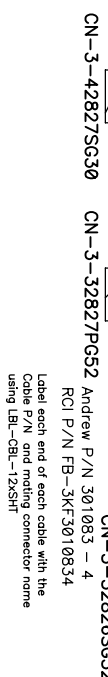


A B C D E F

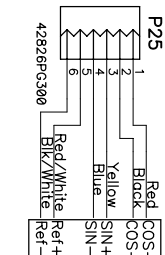
3 Shielded Twisted Pairs in Common Jacket
Connect shields of RC3000 - O.C. of Resolver



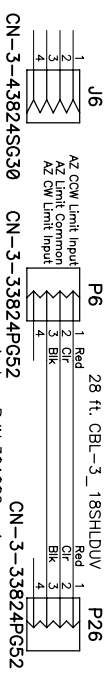
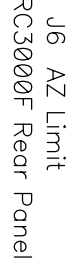
AZ Resolver
Position Sensor
Andrew P/N 3010225



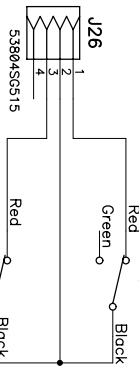
Label each end of each cable with the
Cable P/N and mating connector name
using LBL-CBL-12XSH



AZ CCW LIMIT
NC, open at limit

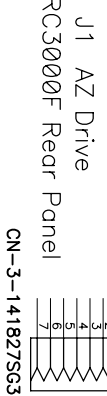


28 ft. CBL-3_18SHLDV
Andrew P/N 301082 - 4
RCI P/N FB-3KF3010824

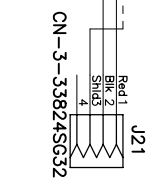
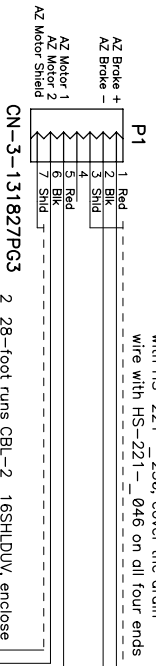


Azimuth Limit Switch Assem.
Andrew P/N 301236

Label each end of each cable with the
Cable P/N and mating connector name
using LBL-CBL-12XSH

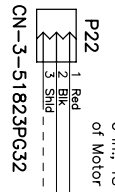
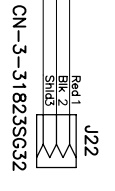


For AZ CW Motion AZ Motor 2 is positive.



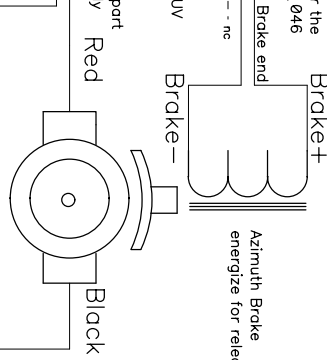
trim back and insulate the shield
with HS-221 - _250, cover the
drain wire with HS-221 - _046 on all four ends

2 28-foot runs CBL-2_18SHLDV, enclose
both cables in 3" or HS-600 - _3/5 at
controller end.



On the connector end,
trim back and insulate the shield.
with HS-221 - _250, cover the
drain wire with HS-221 - _046

On Brake end, trim
back and insulate shield and
drain wire with HS-221 - _250



FB-3KFCBLMTR1

Positive Voltage on Red Lead
Produces CW Shaft Motion
Looking Into Motor Drive Face
Groschopp
PM8024-PL7330
P/N: 5934-3004
24VDC, 6.1A
34.9 in-lb
30:1 reducer

Check Connall literature for pin numbering configuration

REVISION HISTORY:
REV A released 26 June 2002 JFR

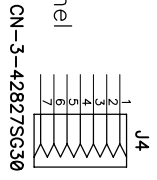
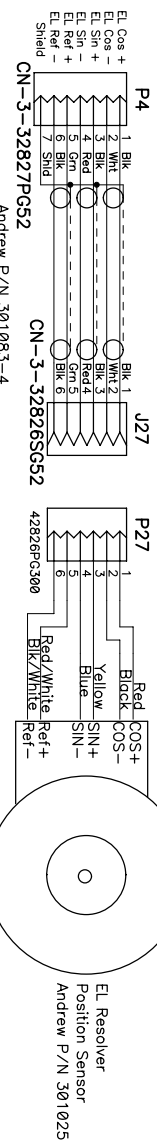
Title
ESA24SNG-LTE Project



Size	Number	Rev
B	Andrew ESA24SNG-LTE Cabling	A
Date	26 June 2002	Drawn by JFR
Filename	ESA24SNGLTE.sch	Sheet 1 of 3

A B C D E F

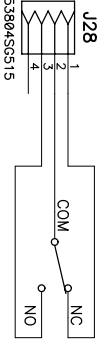
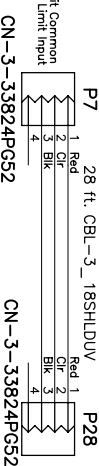
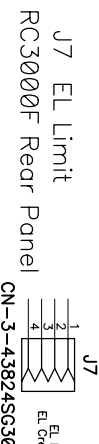
3 Shielded Twisted Pairs in Common Jacket
Connect shields at RC3000F - O.C. at Resolver



Andrew P/N 301083-4
RCI P/N FB-3KFC301083-4
Label each end of each cable with the Cable P/N and mating connector name using LBL-CBL-12XSH

Andrew P/N 301083-4
RCI P/N FB-3KFC301083-4
Label each end of each cable with the Cable P/N and mating connector name using LBL-CBL-12XSH

EL Resolver
Position Sensor
Andrew P/N 301025



Elevation Limit Switch Assem.
Andrew P/N 301384

J7 EL Limit
RC3000F Rear Panel

CN-3-43824SG30

CN-3-33824PG52

CN-3-33824PG52

Andrew P/N 301082-4
RCI P/N FB-3KFC301082-4
Label each end of each cable with the Cable P/N and mating connector name using LBL-CBL-12XSH



On the connector end, trim back and insulate the shield, with HS-221 - _250, cover the drain wire with HS-221 - _046 individually insulate each connection.

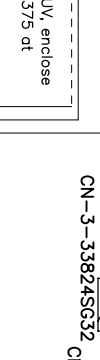
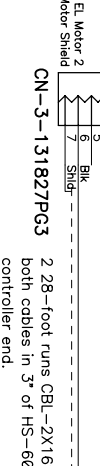
J2 EL Drive
RC3000F Rear Panel

CN-3-141827SG3

CN-3-131827PG3

J23

CN-3-53824PG32



On the connector end, trim back and insulate the shield, with HS-221 - _250, cover the drain wire with HS-221 - _046 individually insulate each connection.

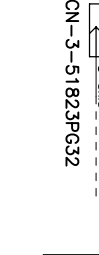
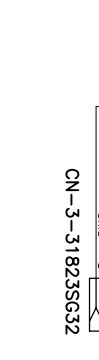
For EL UP Motion EL Motor 2 is positive.

CN-3-141827SG3

CN-3-131827PG3

J24

CN-3-31823SG32



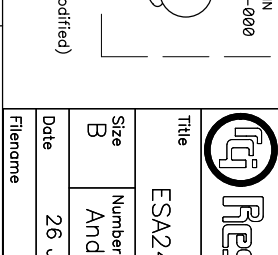
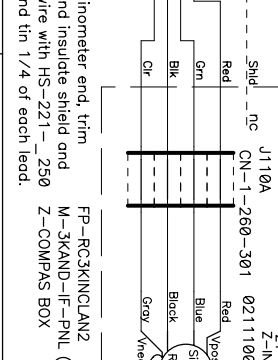
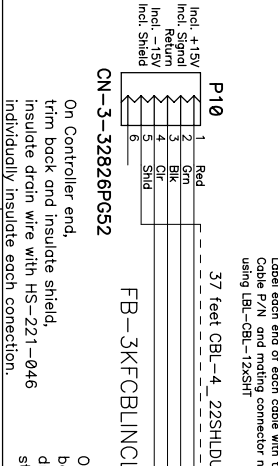
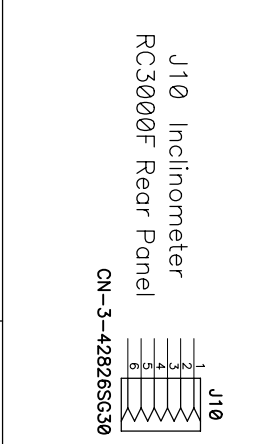
J10 Inclinator
RC3000F Rear Panel

CN-3-42827SG30

CN-3-32826PG52

P10

CN-3-51823PG32



J10 Inclinator
RC3000F Rear Panel

CN-3-42827SG30

CN-3-32826PG52

P10

CN-3-51823PG32

Research Concepts, Inc.

ESAA24SNG-LTE Project

Andrew ESA24SNG-LTE Cabling

26 June 2002

ESAA24SNGLTE.sch

2 of 3

Positive Voltage on Red Lead
Produces CW Short Motion
Loading into Motor Drive Face

Groschopp
PM8024-PL7310
P/N 5934-3603
24VDC 6.1A
27.6 in-lb
10:1 reducer

Title	Size	Number	Date	Filename	Rev
ESAA24SNG-LTE Project	B	Andrew ESA24SNG-LTE Cabling	26 June 2002	ESAA24SNGLTE.sch	A
		Drawn by JFR		Sheet 2	of 3

