

25 January 2013

C40

IMB GUIDER UPGRADE

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IMACS Block Diagram.Sch

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C40 IMB UPGRADE

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Scale:

Drawn By: alamb

Revision:

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Checked By: A. BAGISH

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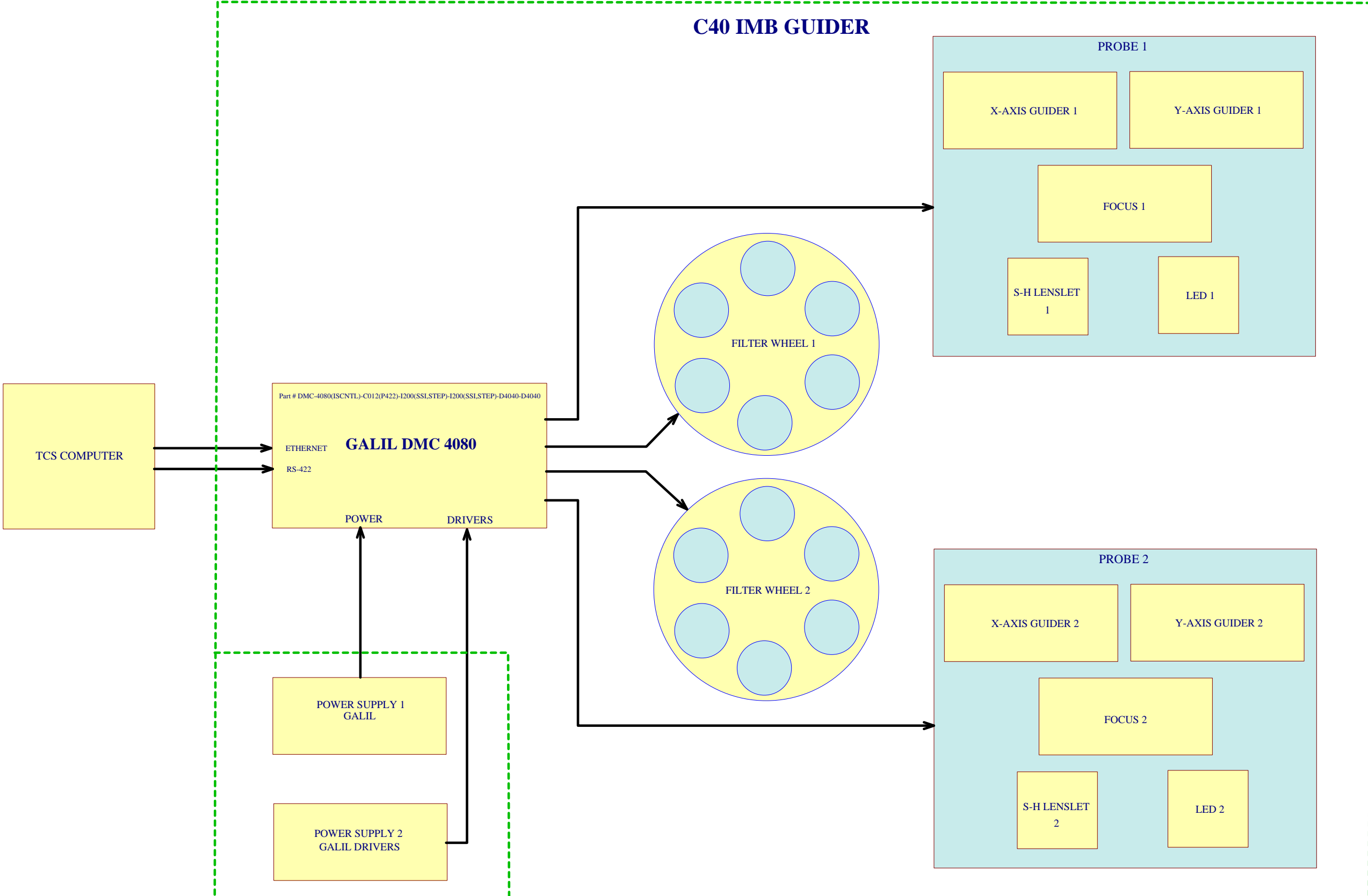
The Observatories

813 Santa Barbara Street

Pasadena, California 91101

PHONE (626) 577-1122 FAX (626) 795-8136

OCIW

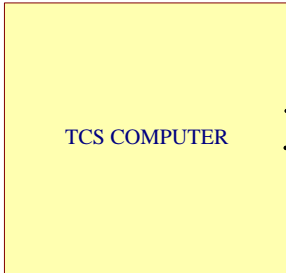


Power Requirements 12-16W at 25 deg C
Galil local rep: John Montgomery 805 501-3996

Full hardware handshaking required for Galil controller

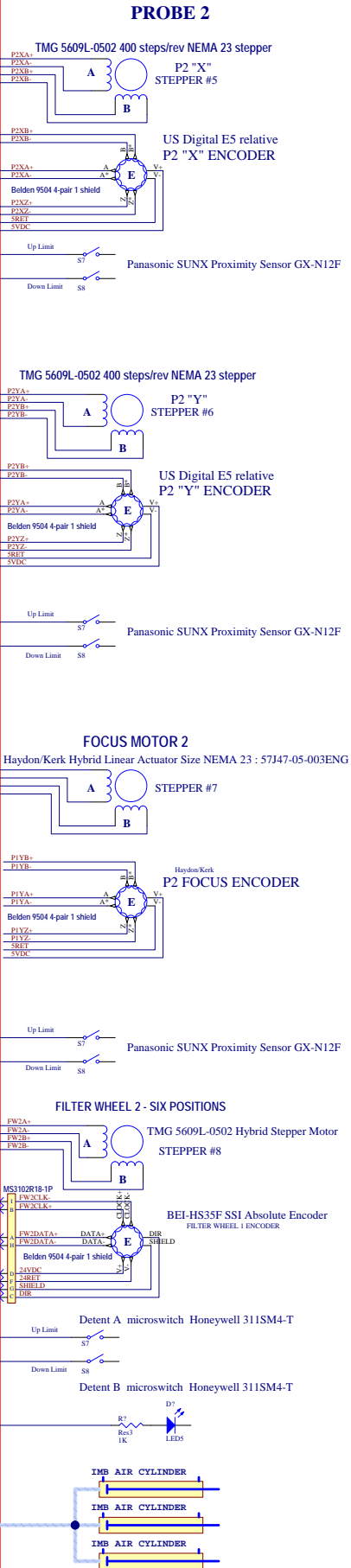
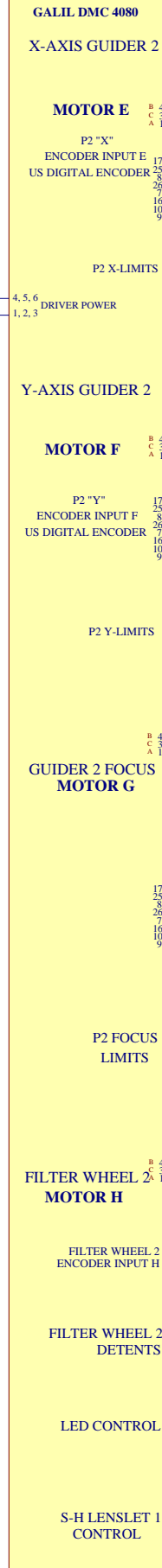
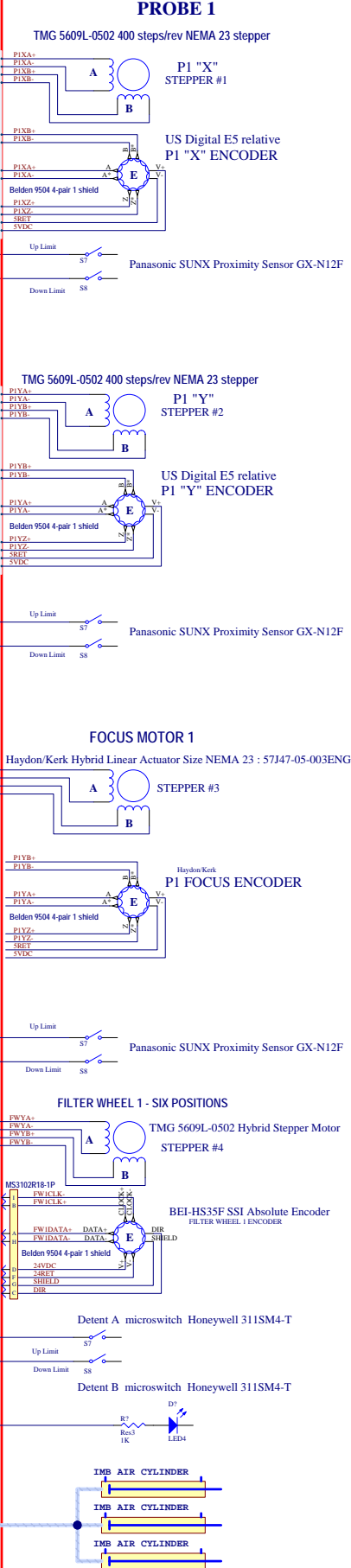
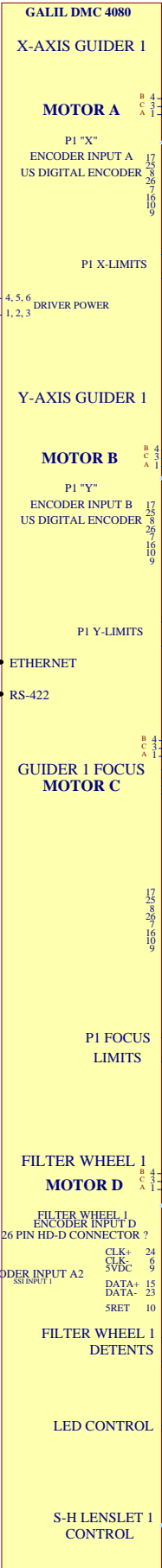
Part # DMC-4080(ISCNTL)-C012(P422)-I200(SSL,STEP)-I200(SSL,STEP)-D4040-D4040

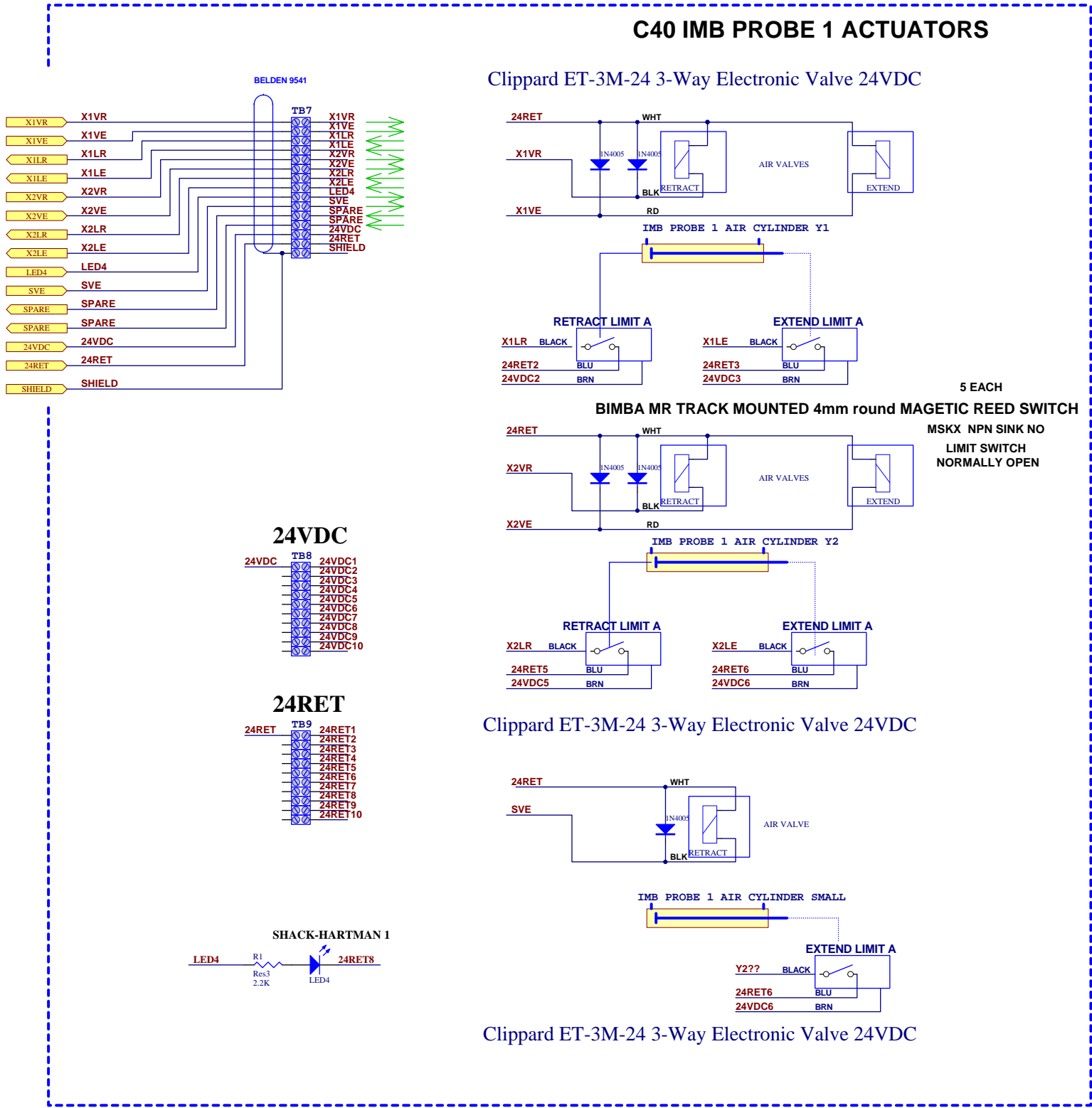
- AXIS B
- +RSCW 19
 - RSCW 20
 - RSCW 3
 - RSCW 4
 - 0.COM 2
 - A 9
 - A/ 21
 - B 10
 - B/ 22
 - Z HOME+11
 - Z/ HOME-23
 - CO 12
 - IO.COM 16
 - GND 15
 - +24V 14
 - +5V 1
 - NEAR.HOME 18
 - FOR.LIMIT 7
 - REV.LIMIT 8



- RS-422
- RTS- 1
 - TXD- 2
 - RXD- 3
 - CTS- 4
 - SRET2 5
 - RTS+ 6
 - TXD+ 7
 - RXD+ 8
 - CTS+ 9

- I/O A-D
- D08 29 Y1VR
 - D07 43 Y1VE
 - D06 28 Y2VR
 - D05 15 Y2VE
 - D04 42 SVR
 - D03 12 SVE
 - D02 27 YBRAKE(-)
 - D01 41 XBRAKE(-)
 - D18 34
 - D17 4 Y1LR
 - D16 19 Y1LE
 - D15 33 Y2LR
 - D14 3 Y2LE
 - D13 18 SLR
 - D12 32 SLE





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Title: **PROBE 1 CYLINDERS**

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