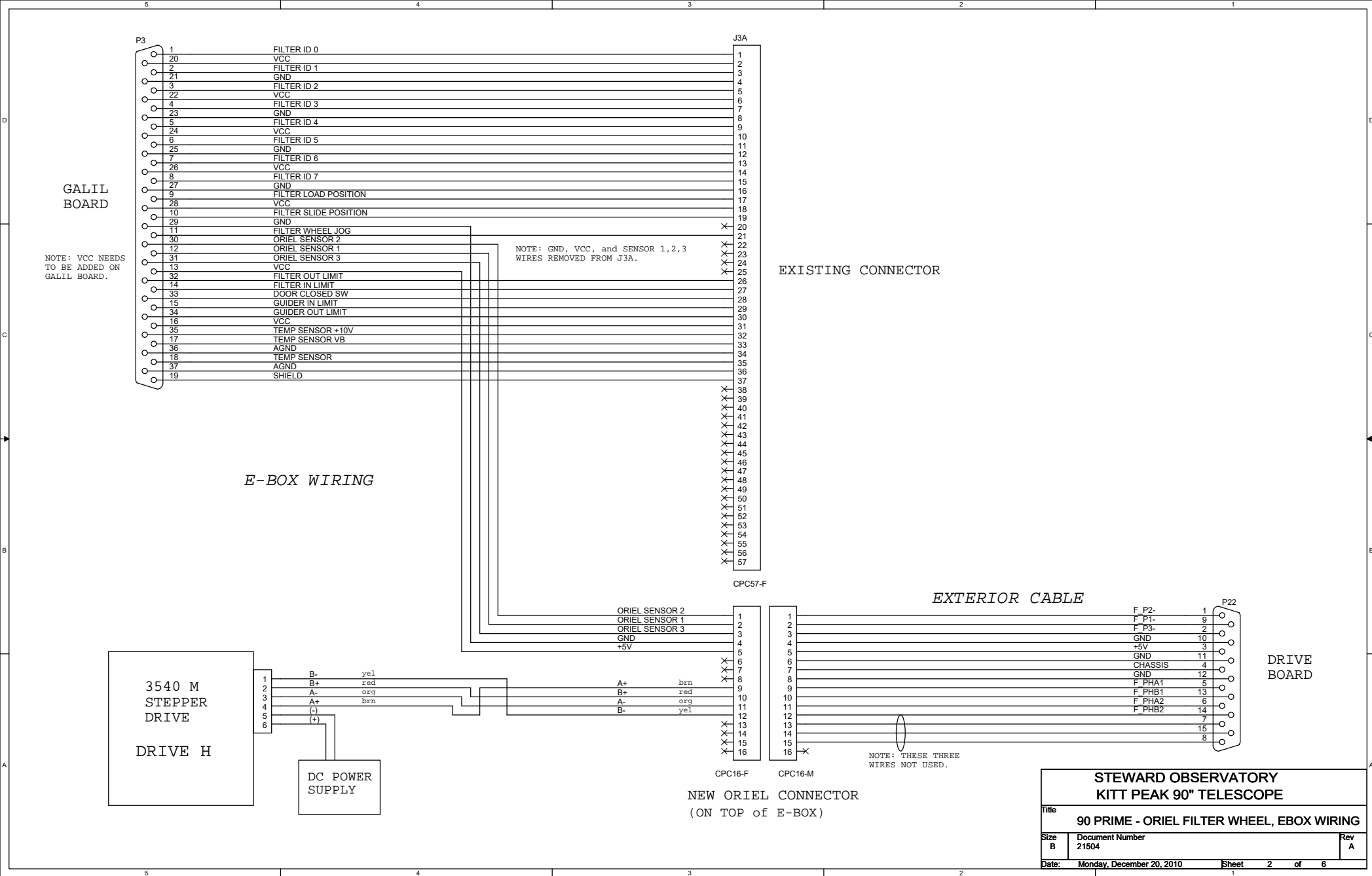
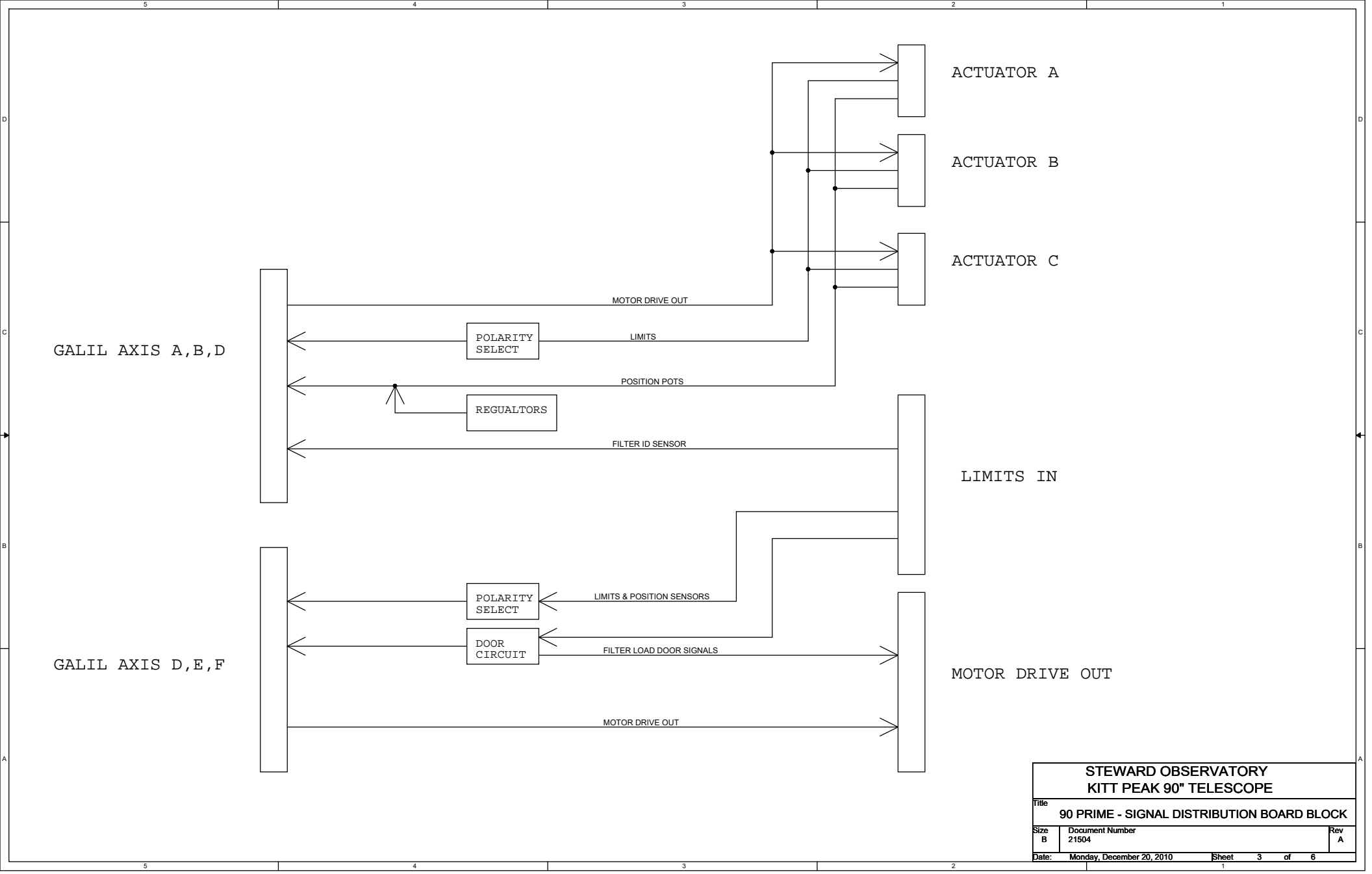


```
SW = MECHANICAL SWITCH
HS = HALL EFFECT SENSOR
```

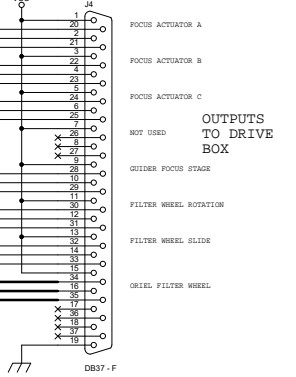
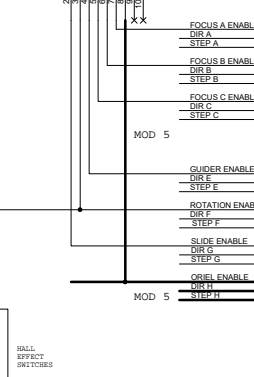
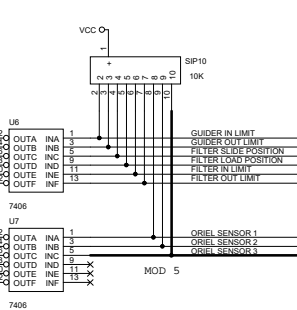
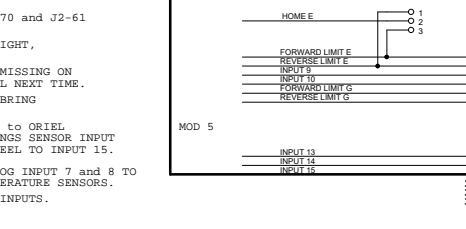
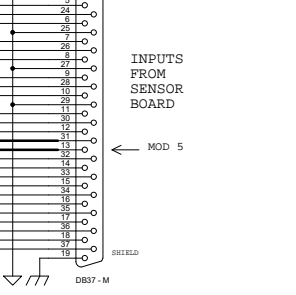
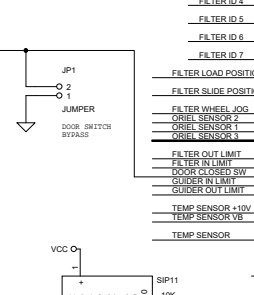
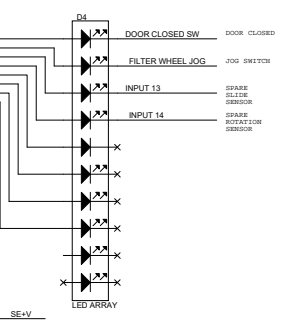
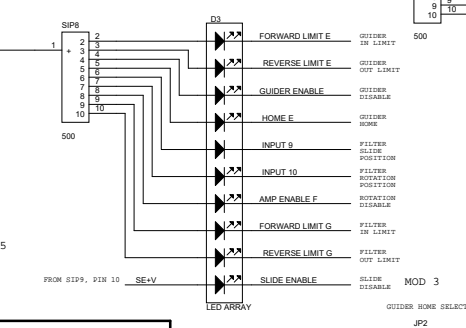
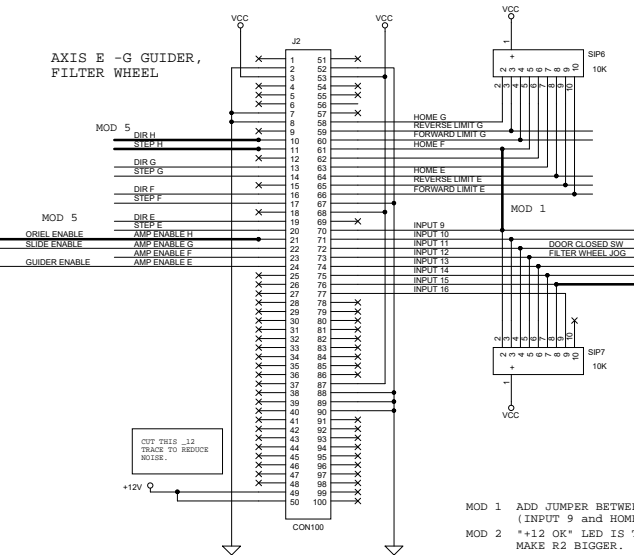
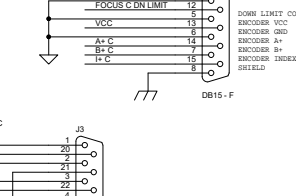
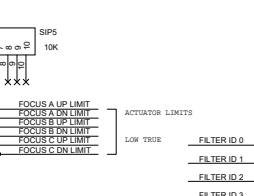
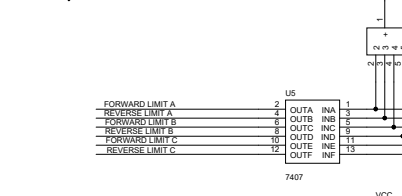
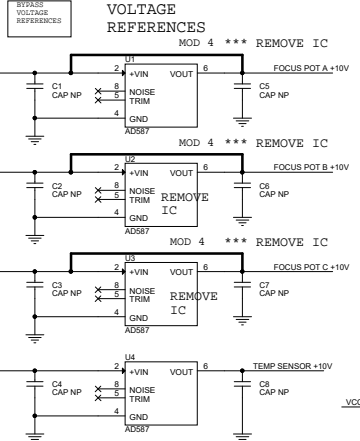
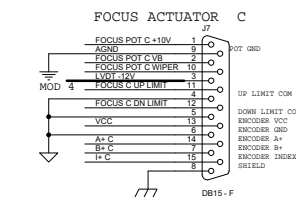
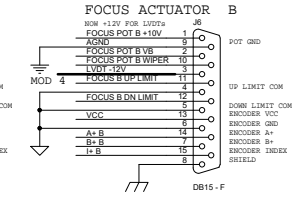
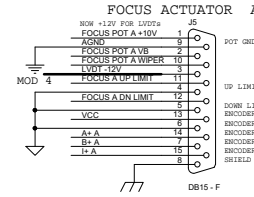
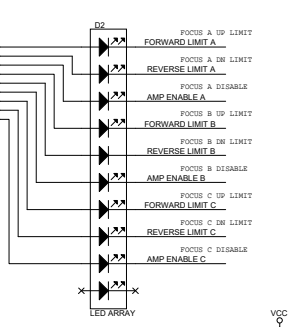
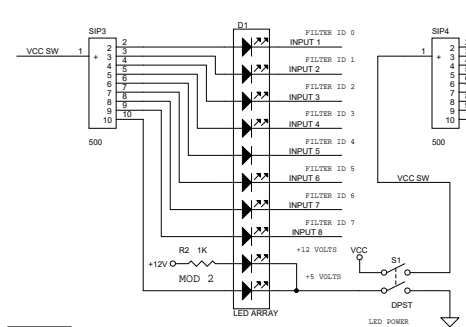
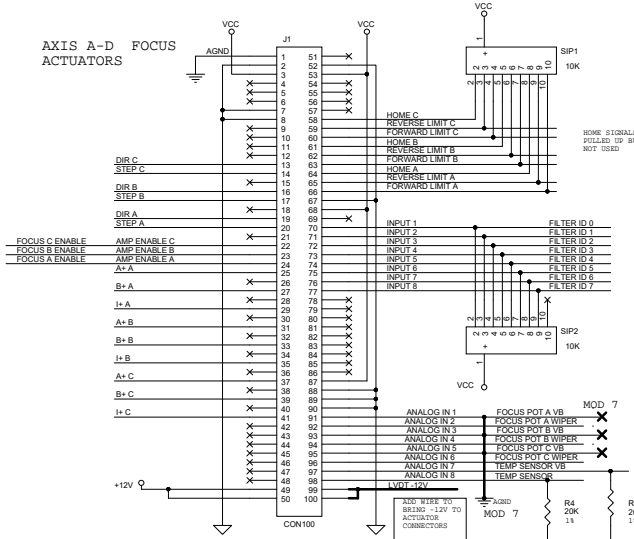
STEWART OBSERVATORY	
KITTS PEAK 90" TELESCOPE	
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90 PRIME - CABLING DETAIL	
Size	Document Number
Custom	21504
Date	Friday, October 24, 2014
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STEWART OBSERVATORY KITTE PEAK 90" TELESCOPE			
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90 PRIME - SIGNAL DISTRIBUTION BOARD BLOCK			
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B	21504		A
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AXIS A-D FOCUS
ACTUATORS



AXIS E - GUIDER
 AXIS F - ROTATION
 AXIS G - SLIDE

- ```

MOD 1 ADD JUMPER BETWEEN J2-70 and J2-61
 (INPUT 9 and HOME P)
MOD 2 *+12 0K' LED IS TOO BRIGHT,
 MAKE R2 BIGGER.
MOD 3 *SLIDE DIGITAL LABEL MISSING ON
 SILK SCREEN - ADD LABEL NEXT TIME.
MOD 4 MODIFICATION MADE TO BRING
 -12 VDC TO FOR LVDTS
MOD 5 SENDS MOTOR H OUTPUTS TO ORIEL
 FILTERS WHEEL and BRINGS SENSOR INPUT
 FROM ORIEL FILTER WHEEL TO INPUT 15.
MOD 6 ADD RESISTOR TO ANALOG INPUT 7 and 8 TO
 ACCOMMODATE AD509 TEMPERATURE SENSORS.
MOD 7 GROUND UNUSED ANALOG INPUTS.

```

REV B - 12/1/03 ADD ORIEL FILTER WHEEL SIGNALS

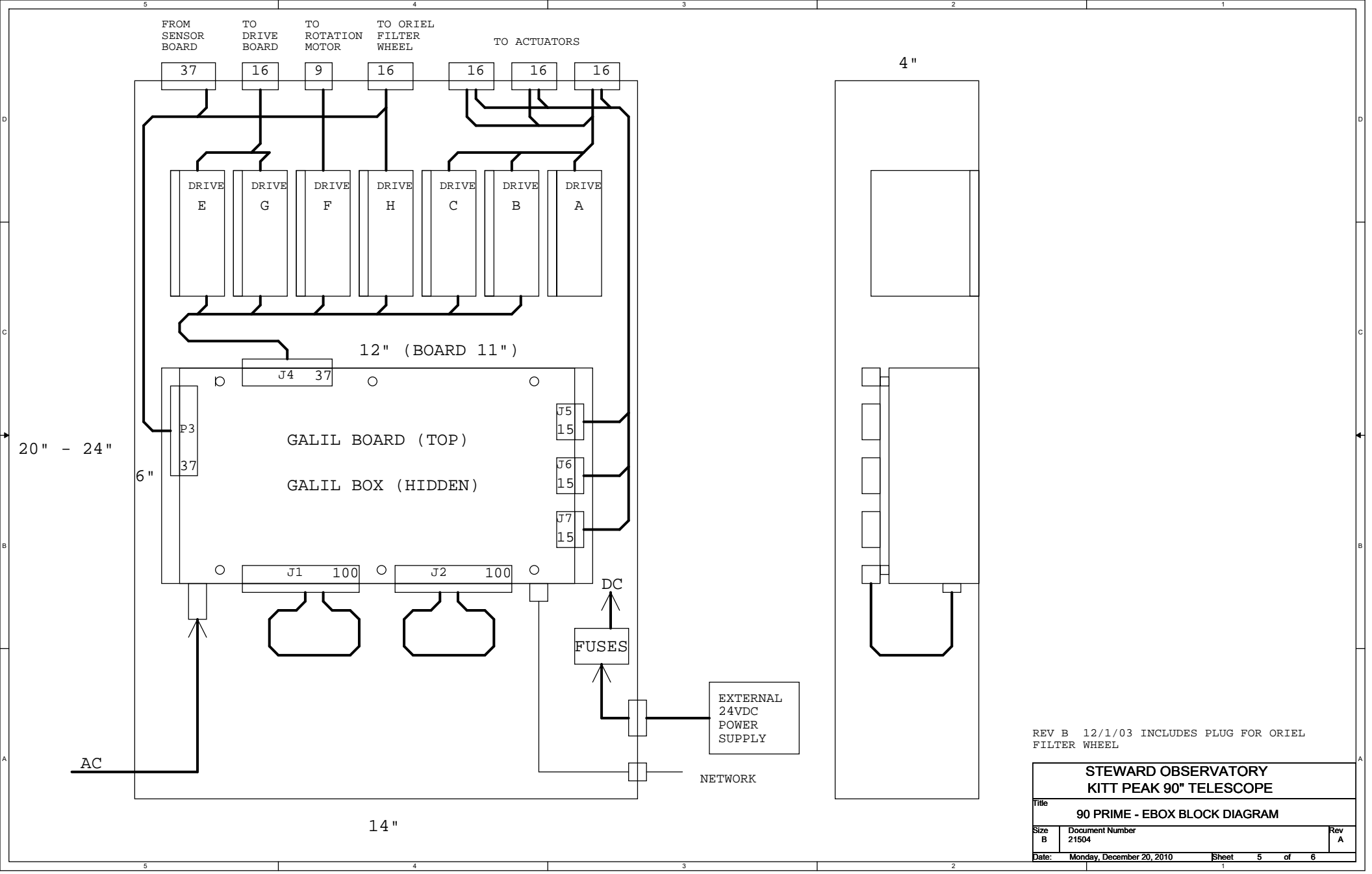
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KITT PEAK 90" TELESCOPE

| Title | Author | Year | Journal | Volume | Page |
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90 PRIME - GALIL SIGNAL DISTRIBUTION BOARD

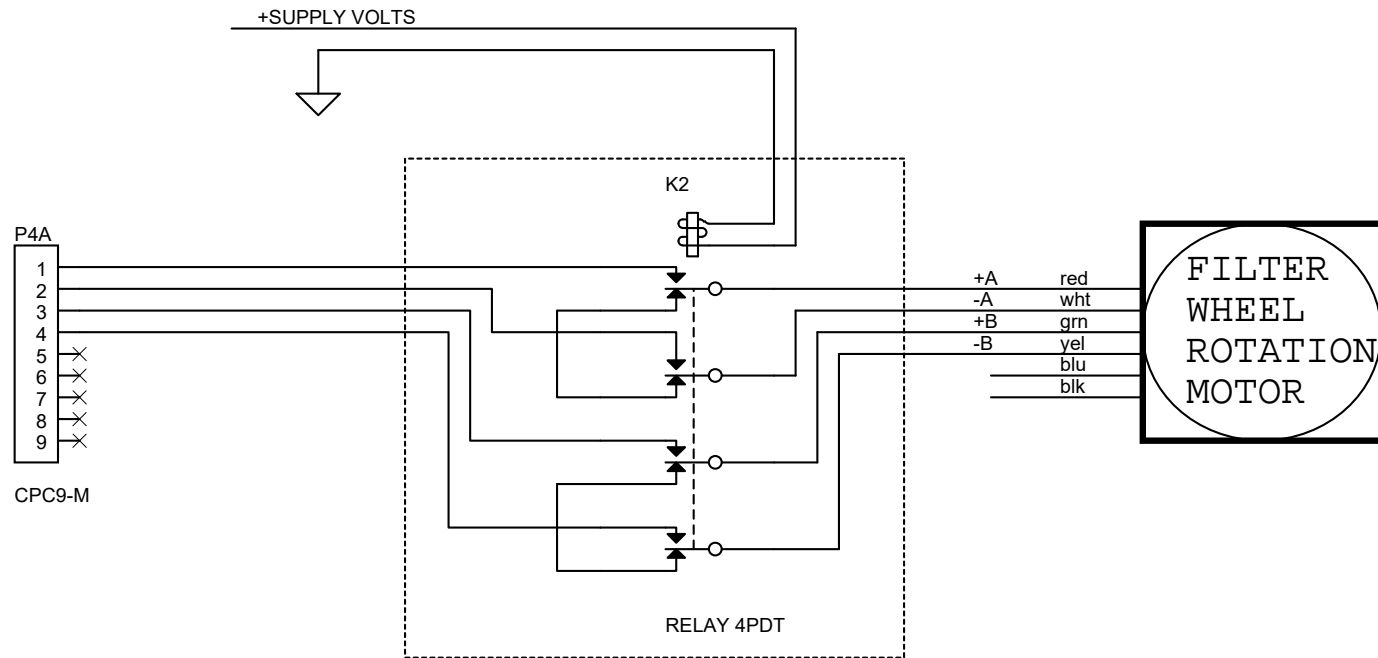
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REV B 12/1/03 INCLUDES PLUG FOR ORIEL  
FILTER WHEEL

|                                               |                       |       |
|-----------------------------------------------|-----------------------|-------|
| STEWART OBSERVATORY<br>KIT PEAK 90" TELESCOPE |                       |       |
| 90 PRIME - EBOX BLOCK DIAGRAM                 |                       |       |
| Title                                         |                       |       |
| Size B                                        | Document Number 21504 | Rev A |
| Date: Monday, December 20, 2010               | Sheet 5 of 6          |       |



NOTE: SHORTING A+ TO A- AND B+ TO B- HAD THE MAXIMUM BREAKING EFFECT. IT WASN'T NECESSARY TO TIE THE B PHASES TO THE A PHASES.

|                                      |                           |              |
|--------------------------------------|---------------------------|--------------|
| STEWARD OBSERVATORY                  |                           |              |
| 90 PRIME                             |                           |              |
| Title                                |                           |              |
| WHEEL LOCK FOR 90 PRIME FILTER WHEEL |                           |              |
| Size                                 | Document Number           | Rev          |
| A                                    | 21504                     | A            |
| Date:                                | Monday, December 20, 2010 | Sheet 6 of 6 |