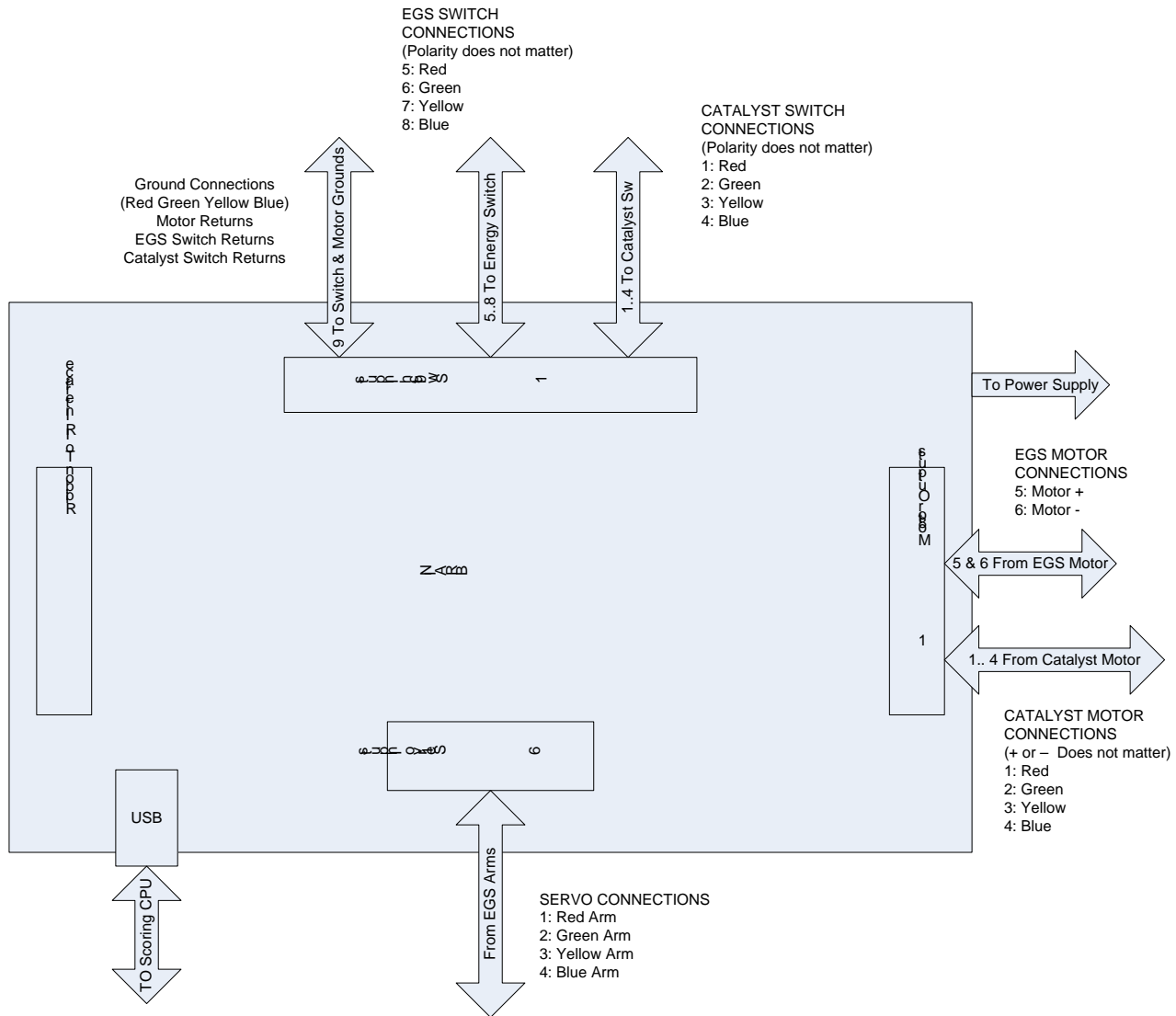
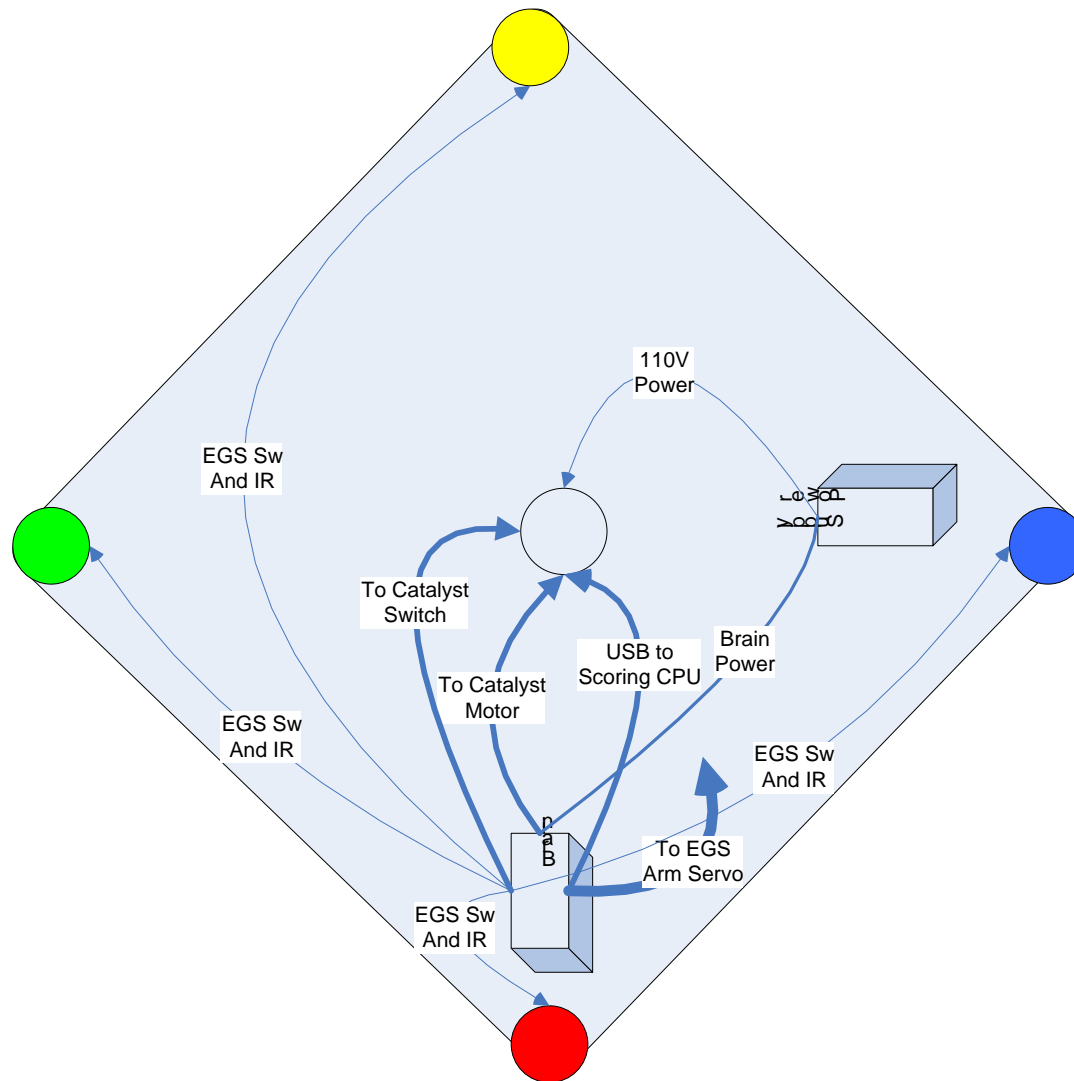
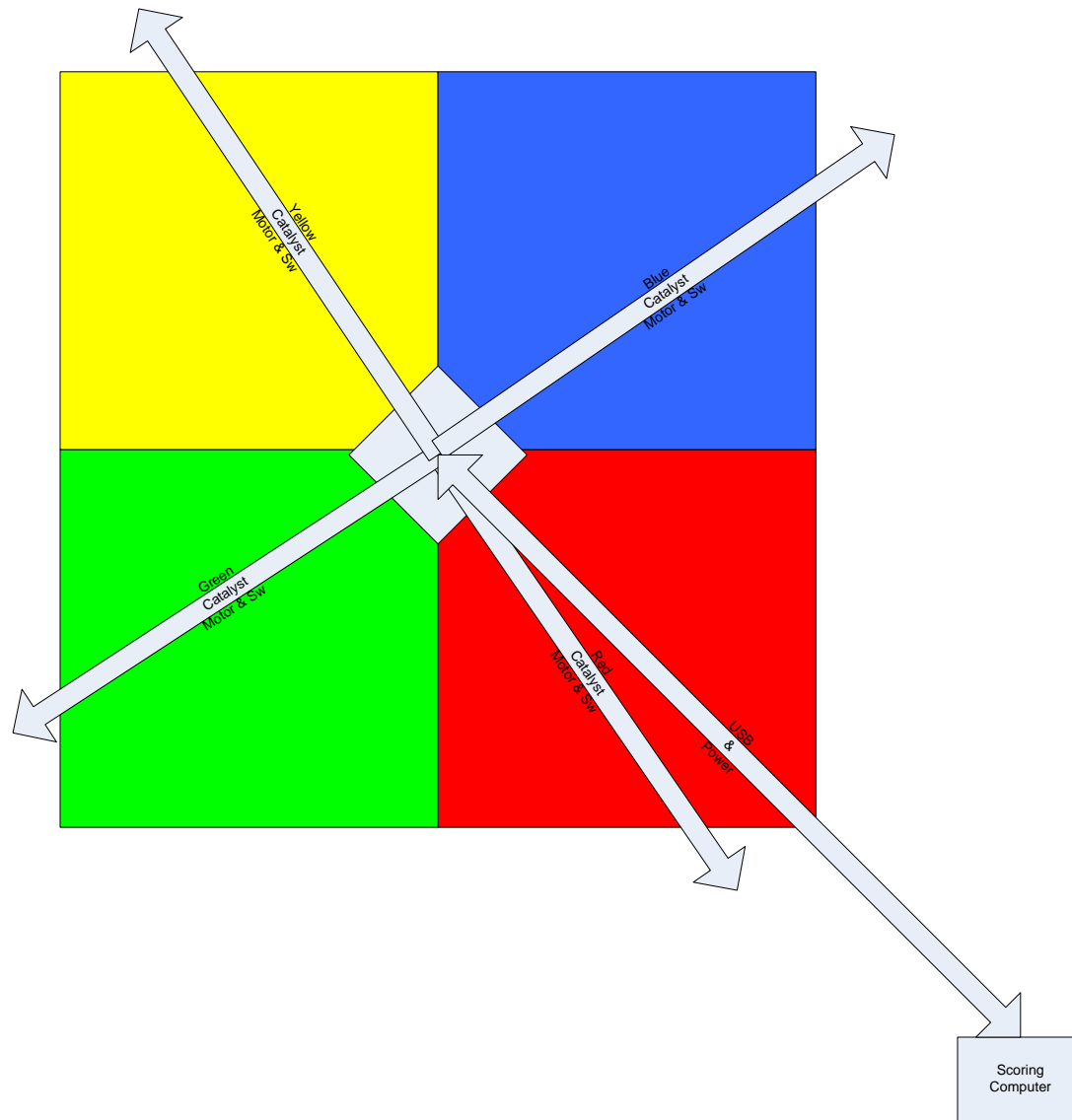


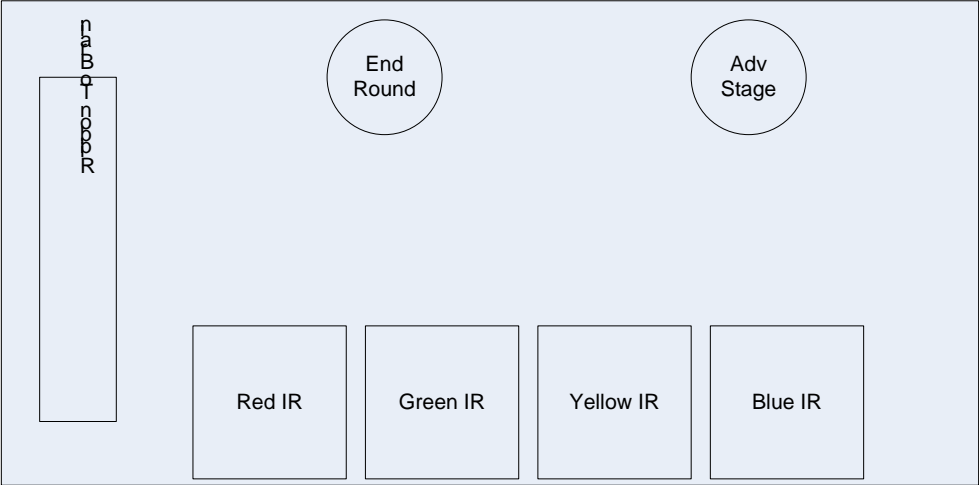
Field Setup Wiring Instructions and Diagrams
2009 BEST Field – Rev 09-04-09

1. Mark carpet corner locations and center locations on floor noting color position. Red should be located adjacent to the Scoring Position.
2. Prior to carpet placement place the wiring on the floor leaving 3' slack at the center positing to allow connection to the EGS platform in subsequent steps. Place wiring harnesses as follows:
 - USB extension & Power. The Rectangular end not the flat end should be in at the center (slack) position. Route to the Red corner of the carpet.
 - Red Catalyst Switch and Motor wire. Route these wires to 3' toward Green of the Red corner and coil slack. Temporarily secure.
 - Green Catalyst Switch and Motor wire. Route these wires to 3' toward Yellow of the Green corner and coil slack. Temporarily secure.
 - Yellow Catalyst Switch and Motor wire. Route these wires to 3' toward Blue of the Yellow corner and coil slack. Temporarily secure.
 - Green Catalyst Switch and Motor wire. Route these wires to 3' toward Red of the Green corner and coil slack. Temporarily secure.
 - Secure All the Catalyst Motor & Switch wires together at center.
3. Now carefully place carpet and routing center wiring to an access hole (or at a seam).
4. Place the EGS flooring panel and routing wiring through it.
5. Place protection pipe over the cable bundle.
6. Place the EGS with top deck removed onto the floor panel.
7. Route wires in pipe to EGS base
8. Connect wires to the BRAIN per the wiring diagram
9. Install the IR Interface on top of Brain
10. Route IR detector cables to IR interface.
11. Place EGS top deck near EGS base and route EGS Activation arm servo extensions to Brain per wiring diagram.
12. Place all field elements on carpet.
13. Route Catalyst wiring over carpet and through the processing cell to the Catalyst tower & attach.
14. Secure wiring in the processing cell leaving all slack near the carpet edge. Secure excess wiring near the carpet edge using gaffer tape.









End Finish
Split 4" Strip & Tin

End Finish
Matching Catalyst Motor
Recommend Female
Bullet Connectors

Catalyst Motor Stranded Wire 16-18 Ga 30ft

End Finish
Split 4" Strip & Tin

End Finish
Matching Catalyst Switch
Recommend Male Bullet
Connectors

Catalyst Switch Stranded Wire 22-24 Ga 25ft

