List of drawings

1. Drawing for arrangement and installation of components.
   1. Summer config
   2. Final config
2. Drawing to modify existing region one girder.
   1. Summer configuration
      1. Remove one QD quad magnet
      2. Add 2-3/4 nipple. Purchased part
      3. Drill 2 holes in girder plate for mounting hardware.
   2. Final configuration
      1. Remove 2-3/4 nipple
      2. Add superharp. (Reuse part)
   3. I would put both configs on one drawing.
3. Drawing to fabricate long spool between girders.
   1. New spool
4. Drawing to fabricate 2nd girder.
   1. Purchase c-channel
   2. Cut & drill for mounting
5. Drawing for girder assembly
   1. Summer config
      1. Fab mounting hardware. May have parts on hand.
      2. Add QD quad magnet. Reuse part
      3. Fab spool and bellows. If not able to reuse existing.
      4. Add bpm. Reuse existing?
      5. Add 2-3/4 tee. Purchased part.
      6. Add HV sensor. Reuse existing part?
      7. Add zero length reducer (2). Purchased parts.
      8. Add 6 way (from Peppo) with bobbins, faraday cup, ion pump, camera, viewer.
   2. Final config
      1. Remove 3 way.
      2. Add superharp. Attach hv sensor to harp.
6. Drawing to fabricate 2nd girder mounting to existing pedestal
7. Drawing to modify existing pedestal for 2nd girder mounting.
8. Drawing to fabricate brick table and pedestal
   1. Summer
      1. Attach Cu Collimator mount.
      2. Attach ceramic break mounting
9. Drawing to fabricate Cu Collimator mount. (S)
10. Drawing to fabricate spool between ceramic break and bellows. (S)
11. Drawing to install bubble chamber foundation. (S)
12. Drawing to fabricate radiator chamber mounting. (F)
13. Drawing to fabricate vacuum chamber (Fonfig)
14. Drawing to fabricate dipole mounting. (Final config)
15. Drawing to fabricate brick mounting table (Final config)
16. Drawing to spool to electron beam dump. (Final Config)
17. Drawing to fabricate photon beam dump. (Final config)
18. Drawing to fabricate PBD pedestal. (Final config)