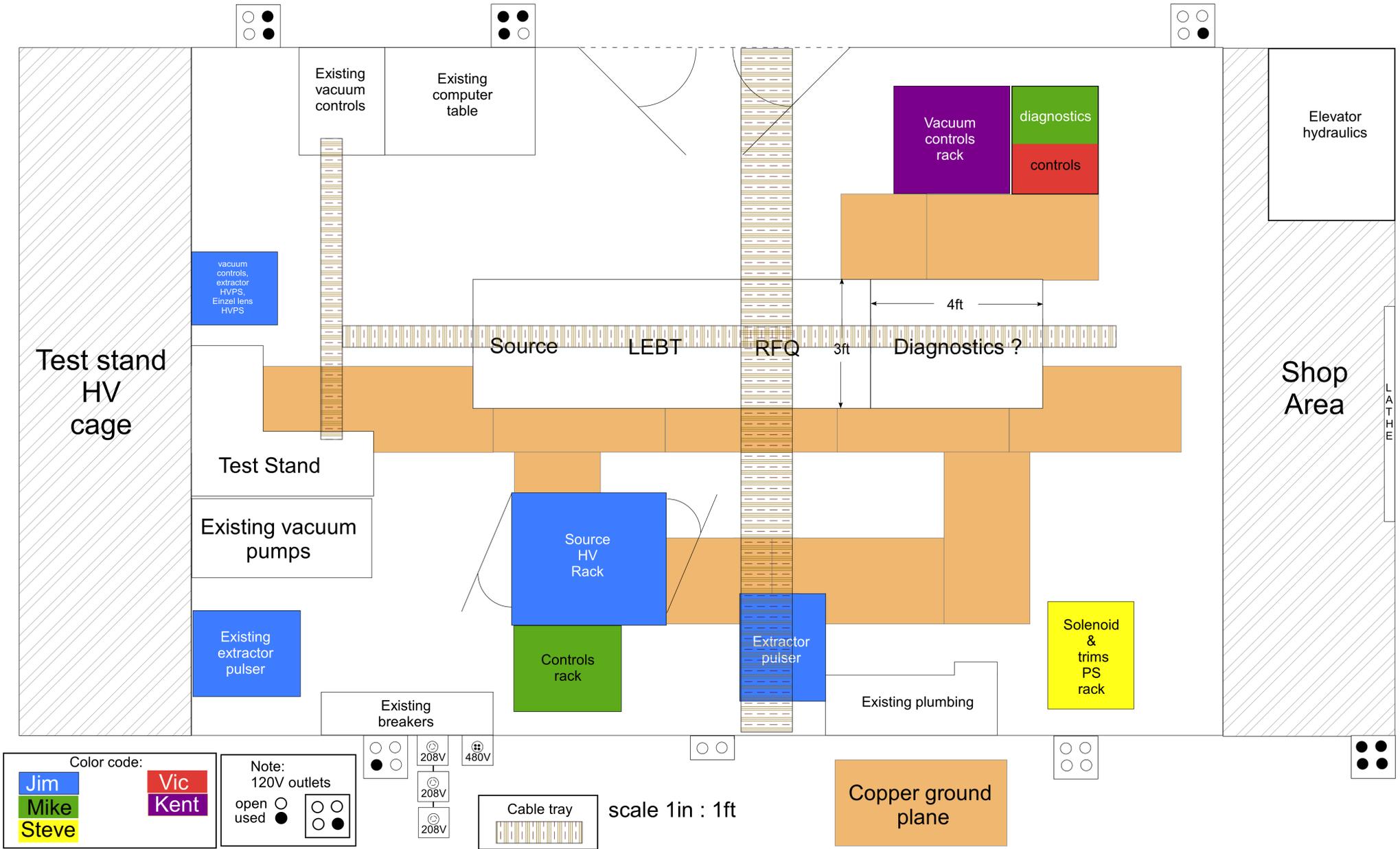


Test Room Progress

C.Y. Tan
17 Aug 2011

Proposed test area layout



Test Room State

- RFQ on stand.
- Solenoid PS relay rack in place
 - Waiting for smoke detectors.
- HV relay rack in place
 - Waiting for HV PS
- Vacuum rack to be moved in.
- Controls rack
 - Instrumentation



Can we slide it down 2-3 ft?



HV relay rack waiting to be populated



Solenoid relay rack

- Waiting for smoke detectors.
- Also corrector PS rack



Cradle for MW



Controls Rack and Instrumentation

HV Rack:

- Arc PS (done, needs installed)
- HRM
- S&H chassis
- Scope (order?)
- Heater PS's (need to finish crate)
- Mount H2 bottle
- Order H2 regulator
- Gas line from rack to source
- Cables from rack to source
- Gas valve pulser (done needs tested)
- Arc modulator (needs built)

Source:

- Design/build HV cover box
- Build new source cube
- Ion Gauge
- Convectron Gauge
- Fan for gas valve cooling
- Fan for cover box

Water:

- turbos
- RFQ water connections (build manifold?)

Vacuum:

- Finish rack
- Install controllers for LEPT/RFQ
 - turbos
 - gauges

Controls:

- NODE ?
- IRM ?
- S&H chassis ?