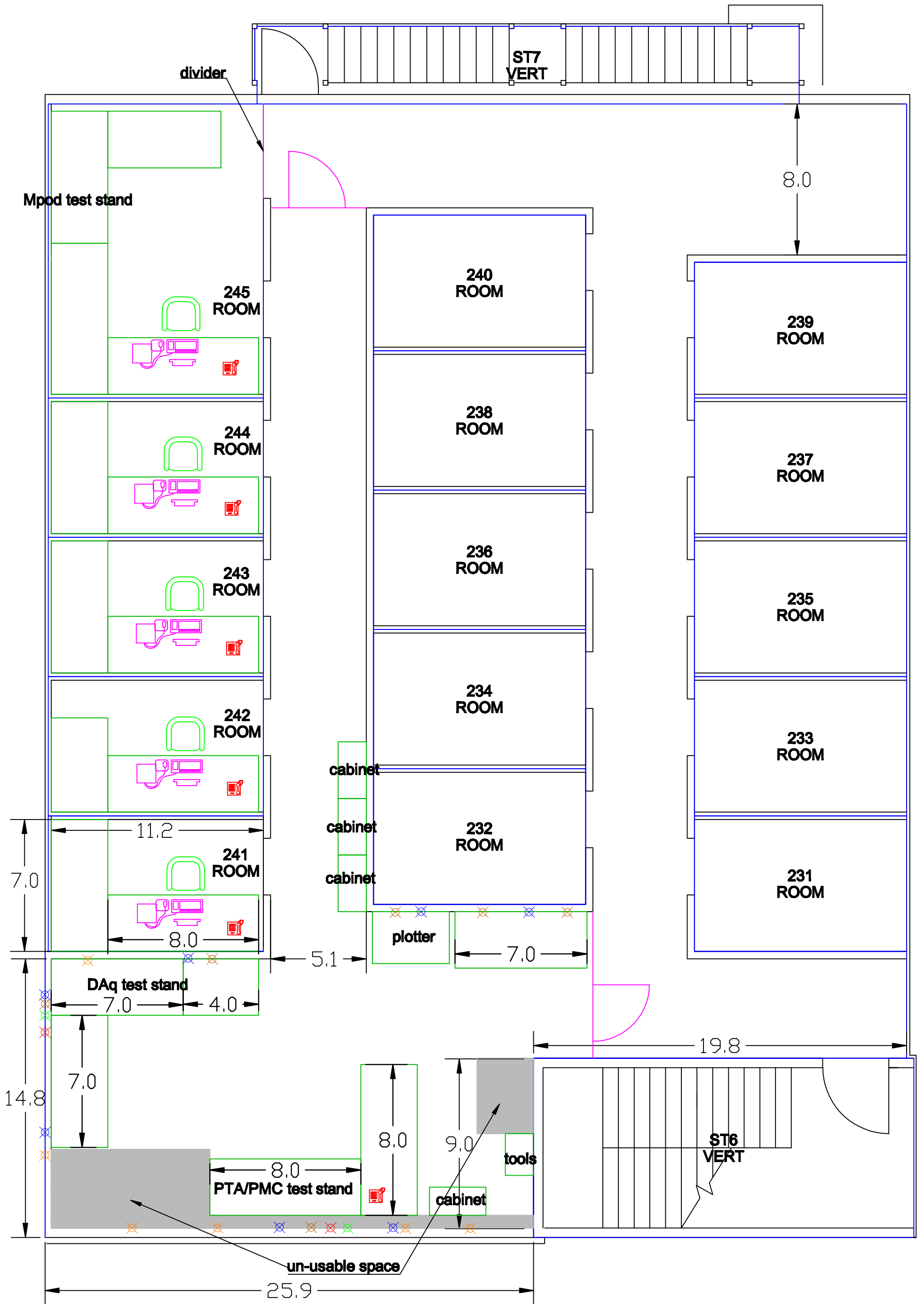


EEL Upstairs Lab Requirements for Hall B Instrumentation

6/10/2010

- This work must be done first before the conversion of EEL room 121 into a cleanroom
- Work area for 6+ people
- Enclosed area with (2) locking doors – see drawing
- (5) Cubicle work areas (Rooms 241,242, 243,244, 245)
- Modification of room 245 by adding divider wall (see drawing)
- Common lab area (~ 25' x 15')
- Walls painted
- Additional 120V outlets in common lab area (as shown in drawing)
- Additional Ethernet outlets in common lab area (as shown in drawing)
- Add 208V 3-phase - 30A outlets For HV supplies in common lab area
- Add Shop air in common lab area (as shown in drawing)
- Flooring – Sealed & protect against electrostatic discharge (conductive)
- See drawing for layout and outlet locations
- Additional digital phone & analog fax line in common lab area
- Equipment / tables / materials moved from EEL R121 to upstairs lab after completion of work.



- 208 V, 3 phase
- existing 120 V
- additional 120 V 2X duplex
- network
- shop air
- dry nitrogen