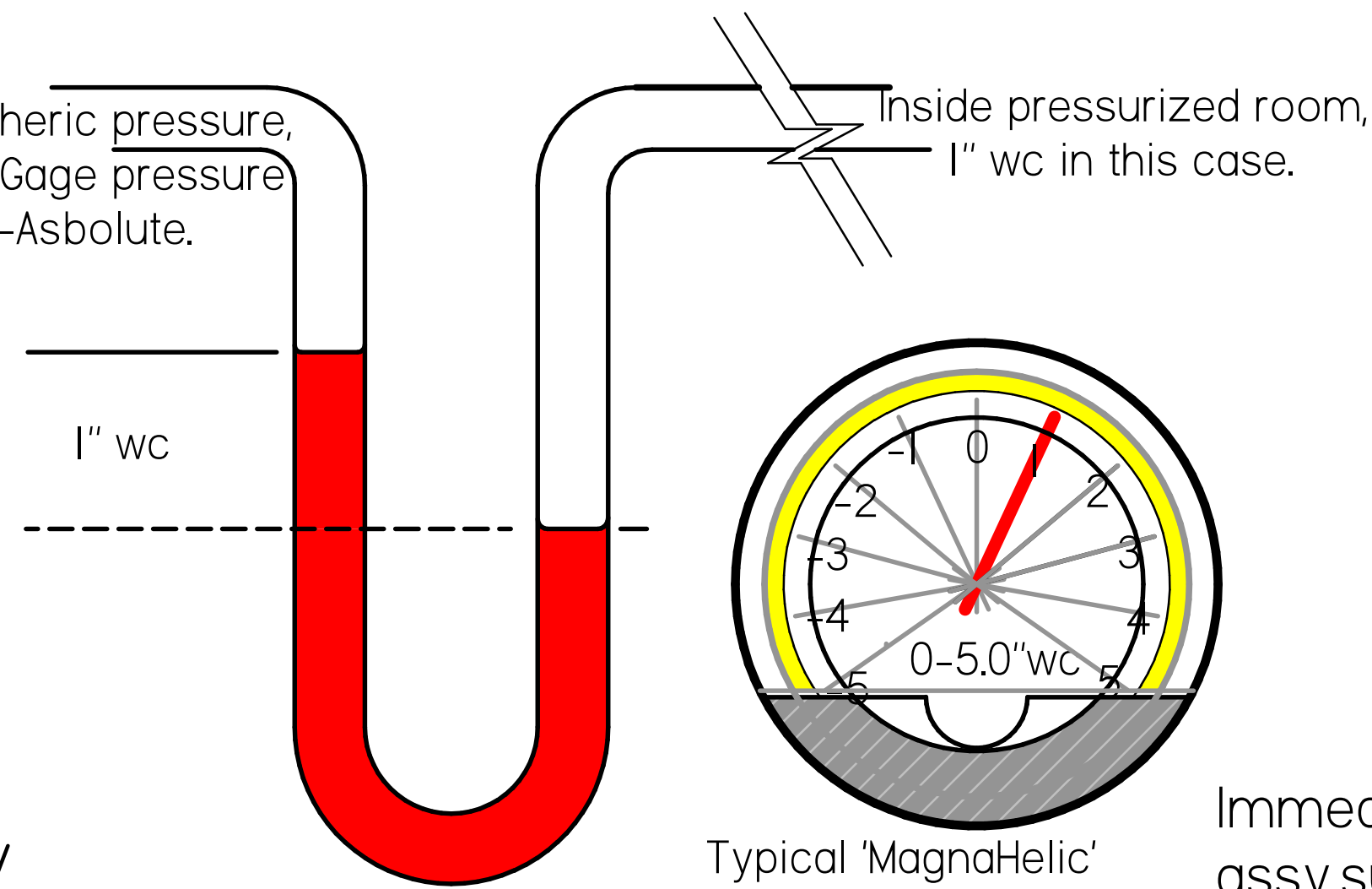


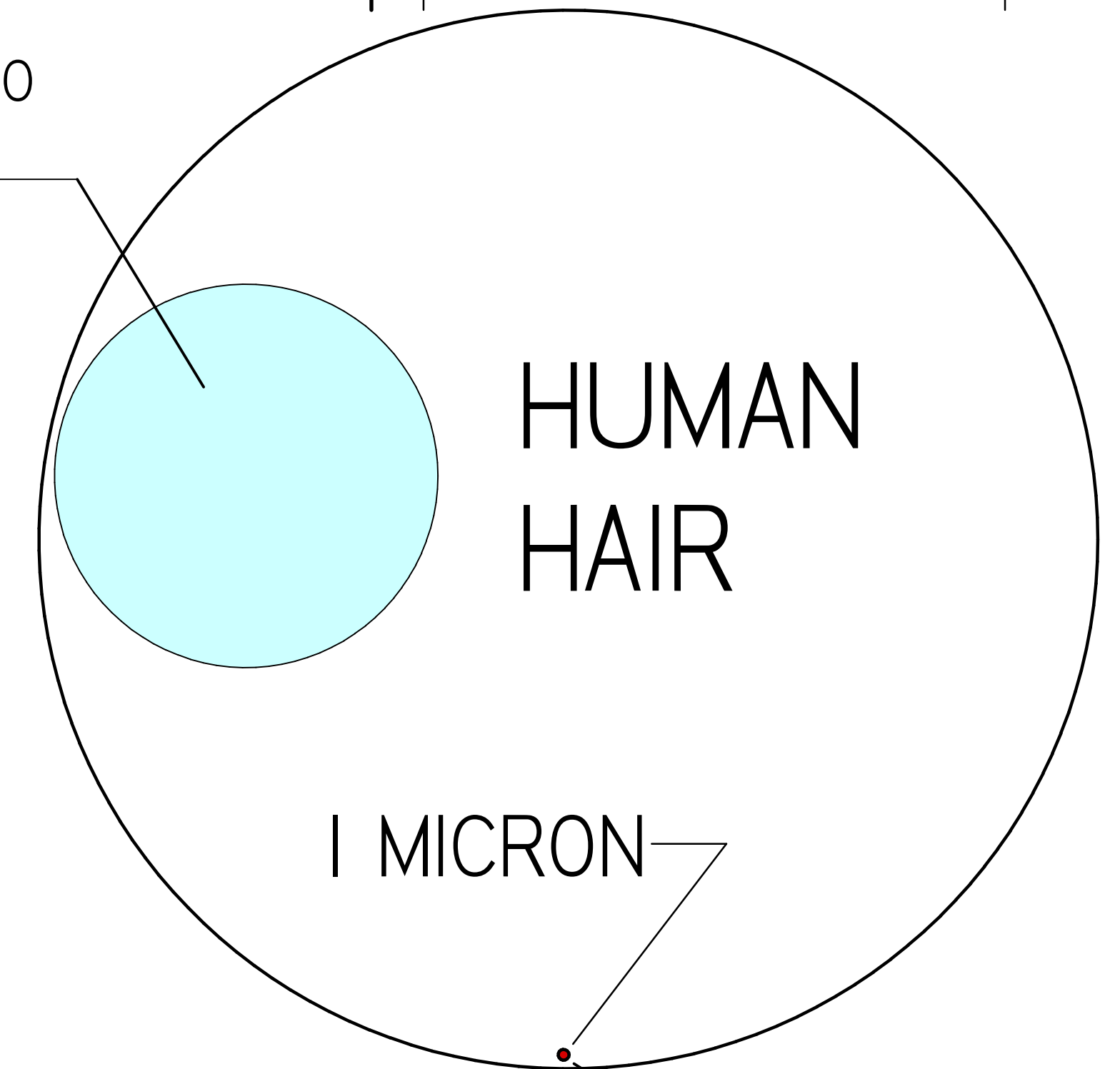
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED

ABOUT PRESSURIZATION

Atmospheric pressure,
0.0 PSI-Gage pressure
15.4 PSI-Asbolute.



SMALLEST VISIBLE TO HUMAN EYE

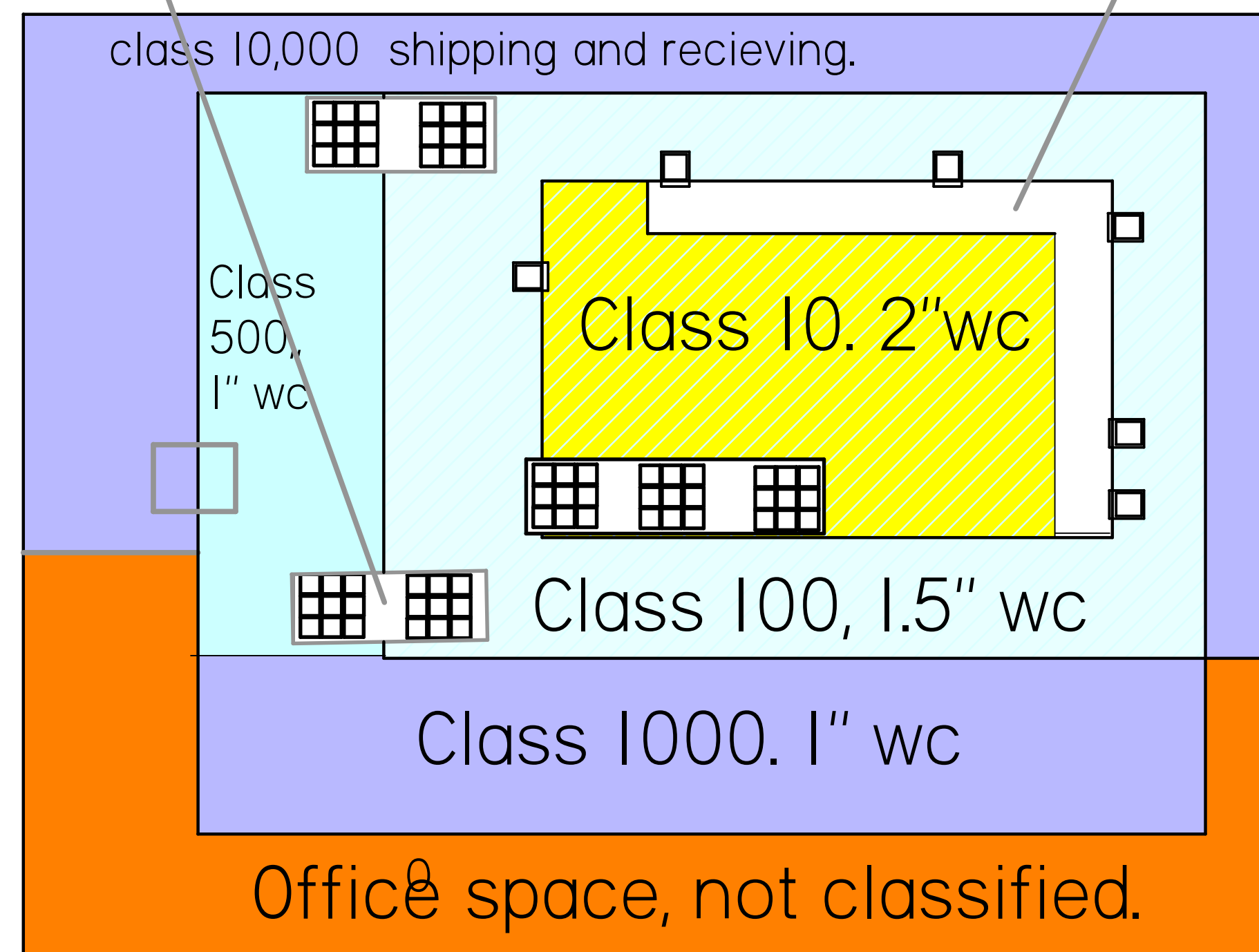


HVAC

Hundreds of tons in HVAC and Piping etc.

Air locks / showers

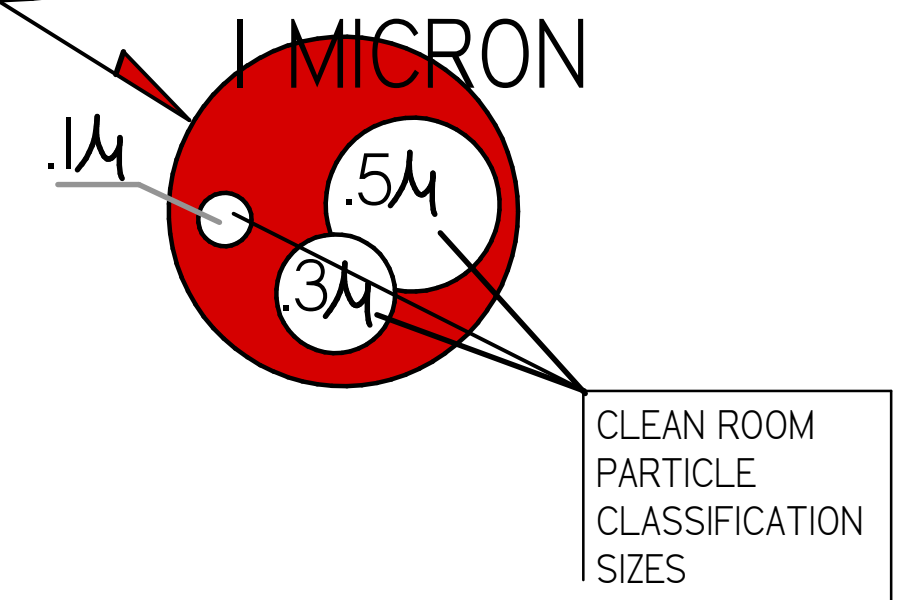
Class I production line, +3.0" wc.
no human occupancy, glove box



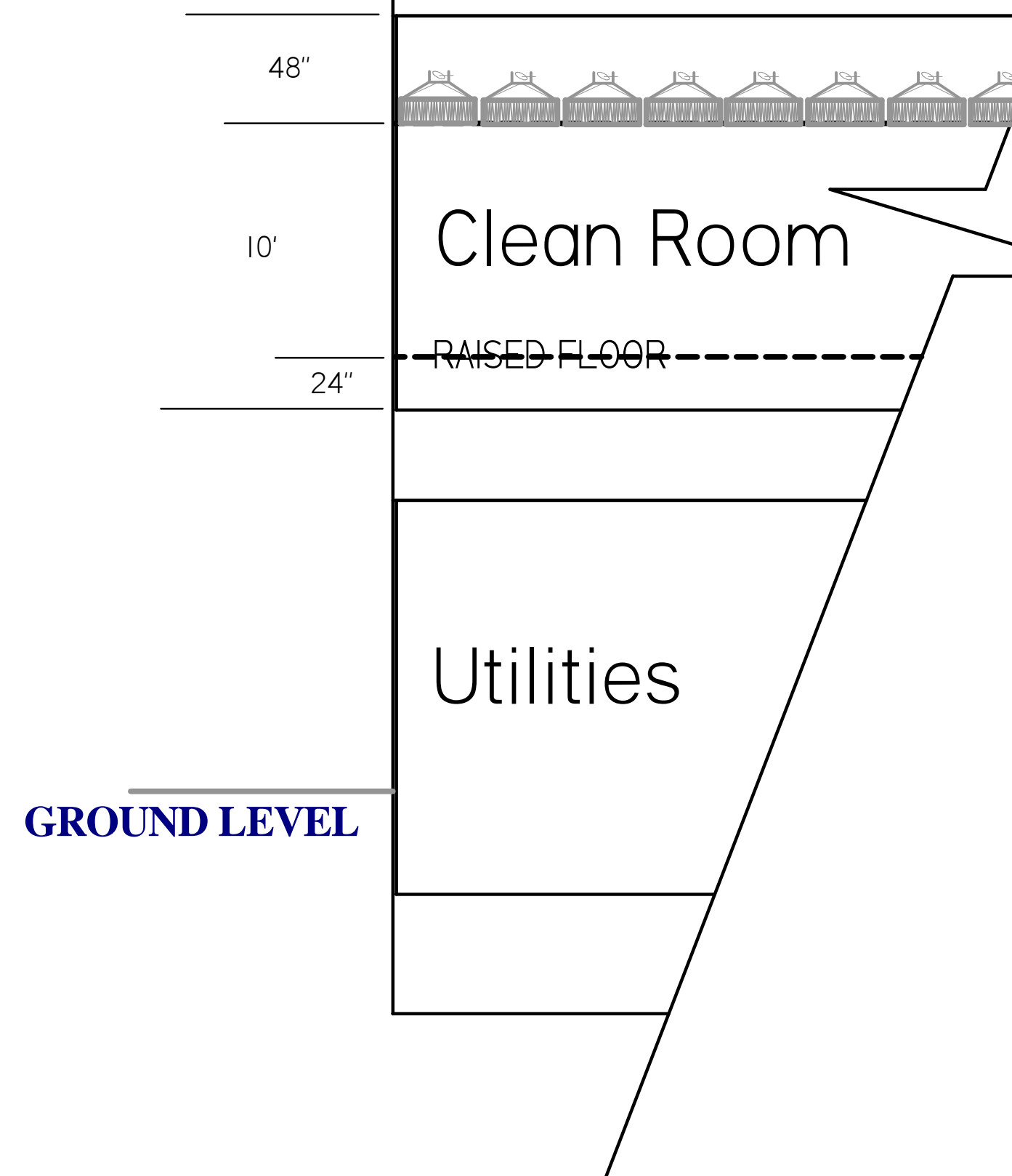
PLAN VIEW

Pressures/ layout etc typical only, actual design is entirely dependent on the manufacturing process

Organic contaminants such as bacteria and virus's range between 0.001 microns and 1 micron in diameter, and break down into a wide range of ions the size of individual atoms that ruin micro electronic circuits. See diagrams 3-10 for that range of issues and remediation.



PARTICLE SIZE RANGE.



BUILDING ELEVATION

Clean Room Facility. Pressurization / Basics

Clean room technology is some of the most complex on earth, especially in semi conductor manufacturing. This 52 part series merely scratches the surface. This series should make a good start for you, Good luck with your project and your career.