



**PHYSICAL SPACE INVENTORY (PSI)
CAD DRAWING STANDARDS
REVISED October 26, 2009**

The University at Albany has developed the following standard for Physical Space Inventory (PSI) CAD drawings:

- Drawings are to be submitted in AutoCAD 2007, 2008 or 2009 file format
- Drawings are to use the attached layering standard
- Each drawing is to be polylined to the FICM (inside wall) standard and, where requested, the BOMA (center wall) rentable standard.
- Additionally, a gross polyline is to be drawn along the exterior perimeter of each floor plate
- Xrefs are not permitted
- Please purge and audit drawings prior to submittal
- Drawings are to contain all floor plates including roof, with only the following PSI information
 - Interior and exterior walls
 - Windows and doors (including existing swings @ 45°)
 - Built in casework, lab equipment and fixed furniture such as fume hoods and work benches
 - Stairs, elevators and plumbing fixtures
 - Roof plan with penthouses
 - Paper Space: A Title Block (provided by OCP) should be placed on layouts sized 8.5" x 11", 11" x 17", 24"x 36"
 - Paper Space: Directional arrow (provided by OCP) should signify actual North and be placed near the bottom right corner of the title block
 - Model Space : 0,0,0 Origin point (for the bottom left corner of the floor plate)
 - Model Space: An Information Block (provided by OCP) should be located a close distance below the bottom right corner of the floor plate
 - Model Space: Verify accuracy and completeness of work utilizing a room schedule (sample provided by OCP) with fields populated from information in room tags. Schedule to be located a close distance to the right side of the floor plate. No duplicate room numbers shall exist in the final product.
 - Room numbers are to conform to Room Numbering Standard as indicated by <http://www.albany.edu/space/documents/roomnum.pdf> . Room tags (provided by OCP) to be completely contained within the closed room polyline – leaders are not acceptable.
 - Room Tags to contain space type, room number (within a closed polyline), net square footage & ceiling height with each on a separate layer as well as gross square footage on its own layer that is turned off.

Please contact Christopher Bischoff, Campus Planner and PSI Coordinator at (518) 442-3400 with any questions on this matter.



ARCHITECTURAL AutoCAD LAYERING STANDARD FOR PHYSICAL SPACE INVENTORY DRAWINGS

National Standard Layer Name	Description	Color	Linetype
0	0 Layer	White	Continuous
A-ANNO-CLG-HT	Ceiling Height	Green	Continuous
A-ANNO-DIMS	Dimensions	Red	Continuous
A-ANNO-LEGN	Schedules, Legends & Information Block	White	Continuous
A-ANNO-MATC	Match Lines	White	Continuous
A-ANNO-NOTE	All Notes & Graphic Symbols	White	Continuous
A-ANNO-NSF	NSF	Green	Continuous
A-ANNO-GSF	GSF	Green	Continuous
A-ANNO-OCCP	Occupants	Green	Continuous
A-ANNO-RM-DESC	Space Description	Green	Continuous
A-ANNO-RM-NUM	Room Number	Green	Continuous
A-ANNO-TBLK	Title Block (PaperSpace)	White	Continuous
A-AREA-SPCE-BOMA	BOMA Polyline	Green	Continuous
A-AREA-SPCE-FICM	FICM Polyline	Magenta	Continuous
A-AREA-SPCE-GSF	Building GSF Line	Magenta	Continuous
A-CASE-E	Fixed Casework	Red	Continuous
A-COLS-E	Structural Columns	Yellow	Continuous
A-DOOR-E	Doors	Red	Continuous
A-EQPM-E	Mechanical Equipment & Fixtures	Red	Continuous
A-EQPM-FUME-E	Fume Hoods	Yellow	Continuous
A-FLOR-EVTR-E	Elevators	Red	Continuous
A-FLOR-FIXT-E	Plumbing Fixtures	Red	Continuous
A-FLOR-LEVL-E	Floor level changes	83	Continuous
A-FLOR-OPEN-E	Floor openings (ex. Shafts)	Yellow	Continuous
A-FLOR-OVHD-E	Soffits or Ceiling Openings	Red	Hidden
A-FLOR-RISR-E	Stairs (Treads/Risers/Railings)	Red	Continuous
A-FURN-E	Fixed Furniture	Red	Continuous
A-GLAZ-E	Windows, Sills, etc.	Red	Continuous
A-GRID-E	Columns Center Lines	Red	Center
A-GRID-IDEN-E	Columns Bubbles & Letters/Numbers	Green	Continuous
A-WALL-FULL-EXT-E	Exterior Walls	Blue	Continuous
A-WALL-FULL-INT-E	Interior Full Height Walls	Cyan	Continuous
A-WALL-PRHT-E	Interior Partial Height Walls	8	Continuous
VPORT	Viewport	Blue	Continuous