01301. SPACE UTILIZATION AND PLANNING DRAWING REQUIREMENTS

1.   DELIVERY OF FLOOR PLAN DRAWINGS

Base floor plans for all projects will be provided to design architects, vendors or contractors by UNCG. These base plans should be used to make updates for any plan alterations.

A floor plan shall be submitted for review at the Construction Document (CD) submission. Drawings should show room layouts and room numbering. The drawing shall be free of construction related notations including but not limited to dimensions, schedules, construction related notes, etc. All external reference drawings (xrefs) must be bound to the drawing.

The design architect, vendor, or contractor is responsible for providing the UNCG's Facilities Design and Construction department with accurate AutoCAD base floor plan drawings, 30 days after the acceptance date of the project.

As-built drawings must visually depict the final "move-in" condition of permanent architectural elements as represented in simplified floor plan format. Drawings will need to be polylined for this submission with no xrefs.

All drawings should be at a 1:1 scale and georeferenced

All drawings shall be prepared in accordance with the National CAD Standards available at: http://www.nationalcadstandard.org/.

2.   POLYLINE REQUIREMENTS

Space Polylines

For every architectural floor plan provided to the University, the Architect shall provide polylines for the following:

Exterior Gross Polylines

The exterior gross area of a building floor is defined as all the area within exterior surface of exterior walls, i.e., the total constructed area of a building.

This polyline shall be drawn on layer A-AREA-GROS. Line color is to be cyan.

Space/Room Area Polylines

Room area polylines shall be added to all spaces and/or rooms, including vertical penetrations (stairs, elevators, shafts& chases) building service areas (restrooms, mechanical rooms, etc.) and circulation spaces.

Polylines will measure from the inside face of surfaces that form the boundaries of the designated areas. Polylines shall be a closed line polygon with vertex points located at every interior corner ofthe space or room.

Polylines shall not wrap into the door opening. Polylines shall go through building columns and minor projections.

Space and/or rooms polylines shall be drawn on layer A-AREA. Line color is magenta. All polylines for vertical penetrations, building service areas and circulation spaces shall be drawn on layer A-AREA-COMN. Line color is to be red.