GIS Standard for CAD Parameters Checklist

The following checklist provides a simple method to verify that the ASPA GIS Standards for CAD parameters have been applied by the drawing submitting organization, as well as a means for ASPA to confirm the drawing is in compliance with the Standards.

This checklist is not intended to be a replacement for fully reviewing and understanding the guidelines in the ASPA GIS Standards for CAD document.

Drafting Standard Parameter	Submitter Verified	ASPA Verified
Drafting		
Linework connected using OSANPs (no dangles or overshoots)		
Does not include text or leaders		

Spatial Reference Standard Parameter	Submitter Verified	ASPA Verified
Coordinate System		
Data is in Alabama State Plane West (US Feet): WKID 9749		
Horizontal		
NAD 1983 (2011): WKID 6318		
Vertical (Height)		
NAVD88 height (US Feet): WKID 6360		
Vertical (Depth)		
NAVD88 depth (US Feet): WKID 6358		

Standard Parameter	Submitter Verified	ASPA Verified
Drawing Space		
All data is in Model Space (Design Model)		
No scaling (objects, viewports)		
No rotation (objects)		
No external references (x-refs)		
Line weights are enabled		
Point style set to "dot" (PDMODE=0)		
Linework connected using OSANPs (no dangles or overshoots)		
Includes no text or leaders		
Includes only basic Line, Polyline, and Arc objects		

Layer Standard Parameter	Submitter Verified	ASPA Verified
Layers		
Layers are named according to Class-Category-Type-Subtype.Subtype…		
Contains no duplicate objects		
Geometry Types		
Point Layers		
Contain only Point, or Block objects		
Block Insertion point is in the center of the block		
Line Layers		
Contain only 0 width Line, Polyline, or Arc objects		
Includes no Circles, Splines, Rays, Ellipses or Multi-lines		
All Polylines are Open		
All line types are continuous and unbroken		
Polygon Layers		
All polygon features are closed Polylines		
Includes no Wipe Outs, Regions, etc.		
No closed Polyline segments cross or intersect any other segment.		

Attribute Standard Parameter	Submitter Verified	ASPA Verified
Attributes		
Attributes are stored as Object Data		

Metadata Standard Parameter	Submitter Verified	ASPA Verified
A complete and comprehensive metadata file has been included in the submittal.		

Submitted By:		ASPA Verified By:
Name:		
Position Title:		
Organization/Department:		
Phone:		
Email:		
Date Submitted/ Reviewed:		
Date Accepted/Returned for Compliance Revision:		
Signature:		