



Introduction • 2015-02-21

Guide→Standard→Policy→Templates

There is a historical purposeful hierarchy of inheritance relationships between these regulation documents:

Guide: US National CAD Standard

Standard: GSA PBS CAD Standard

Policy: GSA R03 CAD Deliverables Policy

Templates: AutoCad Templates

Access is publicly available

<http://www.nationalcadstandard.org/ncs5/>

US online username/password available upon request.

<http://www.gsa.gov/cad>

Central office document clarifies for Agency biz needs.

<http://www.gsa.gov/midatlanticcadpolicy>

R03 document clarifies for Regional D&C projects.

Templates:

Included in above are spreadsheets & AutoCad DWGs.

Top Ten List of Changes to R03 Cad Deliverables Policy



R03 CAD Policy Topic	Circa 2010	Circa 2015
Transmission	GSA CIO SFTP	GSA*IT ePM
AutoCad Version	2010	2015
DWG Format	2010	2013
Xref Assembly	Xrefs allowed.	Xrefs must be bound in Sheet Drawings.
Floor Numbers	Table F	Updated Table F.
Fonts	Listed in policy.	Default Windows and AutoCad instead.
Layernames	AIA 2007	AIA 2011
Sheet Sets	Allowed.	Not allowed.
Transmittal Form	Appendix A	Updated Appendix A & new Appendix B.
Conformance Statement	NCS4	NCS5

Files included

GSA_PBS_R03_CadDeliverablesPolicy2015.pdf

GSA_PBS_R03_CadDeliverablesPolicy2015_IntroSlides.pdf

GSA_PBS_R03_CadDeliverablesPolicy2015_TopicChanges.pdf

GSA_PBS_R03_CadDeliverablesPolicy_v20to21revisions.pdf

NCS4_AIA2007_CADlayerGuidelines.xlsx

NCS4_AIA2007_CADlayernames.dwg

NCS5_AIA2011_CADlayerGuidelines.xlsx

NCS5_AIA2011_CADlayernames.dwg

Folder of Approved Sheet Size & Orientation Titleblock DWGs



Electronic Deliverables Policy 2016

2015 will be the last version of this CAD only document.

The next version of these regulations will be merged into a new larger regulation which speaks to many electronic deliverable document types beyond just design models and sheet drawings.

P100 Appendix A mentions: Site Surveys, Architectural Narratives, Engineering Calculations, Construction Specifications, Photographs, etc., etc.



Drawing Analysis Program(DAP)

We have developed an Addin for Autodesk AutoCad that semi-automatically reports on contents of DWG files for purpose of aiding in conformance validation procedure.

This is available both as a service from DNA and also as an installable software for our A/Es upon request.

There are 29 rule checks in current version of DAP.



Points Of Contact

DNA Team Leader:

Ken.Berman@GSA.Gov

CIFM Subject Matter Expert:

Matthew.Waychoff@GSA.Gov