

Bureau of Design Engineering Computing Management Division

BRADD

No. 022
September 23, 2009

Patch to Version 3.1.4.0: Selected DXF Block Definitions

Problem Statement:

A few instances of bad syntax have been discovered in some of the DXF block definition files. Most importantly, the degree symbol has been incorrectly replaced with the caret character ("^"). The existence of this character causes AutoCAD to abort the DXF load process with a message like:

```
Syntax error or premature end of file on line 4268.  
Invalid or incomplete DXF input -- drawing discarded.  
-----  
Press ENTER to continue:
```

Also several fraction characters have become incorrectly translated in DXF. The bad fractions show up in AutoCAD as a question mark, as in: 1?" MIN. CLR.

Problem Resolution:

A fix for this problem is available as the version 3.1.4.0, DXF patch. This patch can be downloaded as a ZIP file from the BRADD website.

This ZIP file contains 39 new DXF block definitions (22 US units and 17 SI units).

Installing BRADD Version 3.1.4.0, DXF patch for Licensees

To download, go to the Downloads page on the BRADD web-site at <http://bradd.engrprograms.com> and select download version 3.1.4.0, DXF patch

Archived copies of all previously distributed e-Notifications can be obtained from the PENNDOT BRADD website at <http://bradd.engrprograms.com/home> and clicking on "e-Notification" and then "Mailing List Archives."

Bureau of Design Engineering Computing Management Division

BRADD

No. 022
September 23, 2009

Patch to Version 3.1.4.0: Selected DXF Block Definitions

(BRADD_3140_DXF.zip). This version of BRADD is automatically available as a free update to all existing licenses of the BRADD Software.

To install these files open the ZIP file and extract the files to the targets detailed below. The target folder will be "C:\Program Files\BRADD\Gra\DXF" (where "C:\Program Files\BRADD" is the root folder of the v3.1.4.0 installation). There are 17 DXF files which will come from the SI folder in the ZIP file and go to the SI folder under the target. There are 22 DXF files which will come from the US folder in the ZIP file and go to the US folder under the target.

Target folder:	Target folder:
C:\Program Files\BRADD\Gra\DXF\SI	C:\Program Files\BRADD\Gra\DXF\US
BAR1.DXF	BAR1.DXF
DA2790.DXF	BCONF.DXF
DA27GT.DXF	CLPFLN.DXF
DA27LT.DXF	DA2790.DXF
DAPBX2.DXF	DA27GT.DXF
DS21_A.DXF	DA27LT.DXF
DS21_B.DXF	DAPBOX.DXF
OVRHNG.DXF	DAPIB2.DXF
SBTNG2.DXF	DAPIBM.DXF
SBTWG2.DXF	DB4BOX.DXF
SBTWL2.DXF	DB4IBM.DXF
SBXAG2.DXF	DS21_A.DXF
SBXNG2.DXF	DS21_B.DXF
SIBMAT.DXF	OVRHNG.DXF
SSTAG2.DXF	SBTNG2.DXF
SSTNG2.DXF	SBTWG2.DXF
WEEPH.DXF	SBTWL2.DXF
	SBXAG2.DXF
	SBXNG2.DXF

Archived copies of all previously distributed e-Notifications can be obtained from the PENNDOT BRADD website at <http://bradd.engrprograms.com/home> and clicking on "e-Notification" and then "Mailing List Archives."

Bureau of Design Engineering Computing Management Division

BRADD

No. 022
September 23, 2009

Patch to Version 3.1.4.0: Selected DXF Block Definitions

	SIBMAT.DXF
	SSTAG2.DXF
	SSTNG2.DXF

To check that the installation was correct, open Windows Explorer, browse to "C:\Program Files\BRADD\Gra\DXF\US", set the view to "Details", click the header for "Date Modified" twice (to sort from newest to oldest). A list of 22 DXF block definition files should appear with a date/time stamp of "9/21/2009 3:41 PM". In the SI folder 17 DXF files will appear with the same date/time stamp.

Name	Size	Type	Date Modified
SSTNG2.DXF	52 KB	Autodesk Design	9/21/2009 3:41 PM
SSTAG2.DXF	74 KB	Autodesk Design	9/21/2009 3:41 PM
SIBMAT.DXF	61 KB	Autodesk Design	9/21/2009 3:41 PM
SBXNG2.DXF	54 KB	Autodesk Design	9/21/2009 3:41 PM
SBXAG2.DXF	60 KB	Autodesk Design	9/21/2009 3:41 PM
SRTM1.DXF	52 KB	Autodesk Design	9/21/2009 3:41 PM

Please direct any questions to:

Jay M. Fitzgerald, P.E., SECB | BRADD Manager
PA Department of Transportation
Bureau of Design | Engineering Computing Management Division
400 North Street – 7th Floor | Harrisburg, PA 17120-0094
Phone: 717.787.7057 | Fax: 717.783.8217
E-mail: jafitzgera@state.pa.us

Archived copies of all previously distributed e-Notifications can be obtained from the PENNDOT BRADD website at <http://bradd.engrprograms.com/home> and clicking on "e-Notification" and then "Mailing List Archives."