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;;
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;; Version 2.0
;; AutoCAD Schraffurmuster
;;
;;
;; Anmerkung: Um die Migration dieser Datei beim Aktualisieren auf
;; zukünftige Versionen von AutoCAD zu vereinfachen, sollten Sie Ihre
;; benutzerspezifischen Änderungen zum Abschnitt Benutzerdefinierte
;; Schraffurmuster am Ende dieser Datei hinzufügen.
;;

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;; Anmerkung: Pseudo-Musterbeschreibung für 'Flächenfüllung'.

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*SOLID, Flächenfüllung

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45, 0,0, 0,.125

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*stefan

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45, 0,0, 0,.125

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*ANGLE, Winkel Stahl

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```

0, 0,0, 0,.275, .2,-.075

```

```

90, 0,0, 0,.275, .2,-.075

```

```

*ANSI31, ANSI Eisen, Ziegel, Mauerwerk

```

```

45, 0,0, 0,.125

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*ANSI32, ANSI Stahl

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45, 0,0, 0,.375

```

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45, .176776695,0, 0,.375

```

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*ANSI33, ANSI Bronze, Messing, Kupfer

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```

45, 0,0, 0,.25

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```

45, .176776695,0, 0,.25, .125,-.0625

```

```

*ANSI34, ANSI Plastik, Gummi

```

```

45, 0,0, 0,.75

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```

45, .176776695,0, 0,.75

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45, .353553391,0, 0,.75

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```

45, .530330086,0, 0,.75

```

```

*ANSI35, ANSI feuerfester Ziegel, feuerfestes Material

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```

45, 0,0, 0,.25

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```

45, .176776695,0, 0,.25, .3125,-.0625,0,-.0625

```

```

*ANSI36, ANSI Marmor, Schiefer, Glas

```

```

45, 0,0, .21875,.125, .3125,-.0625,0,-.0625

```

```

*ANSI37, ANSI Blei, Zink, Magnesium, Lärm-/Wärme-/Elektro-Isolation

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45, 0,0, 0,.125

```

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135, 0,0, 0,.125

```

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;;

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;; Die folgenden Schraffurmuster AR-xxxxxx

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;; stammen aus AEC/Architectural

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;;

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```

*AR-B816, 8x16 Ziegelverband ohne Fugen

```

```

0, 0,0, 0,8

```

```

90, 0,0, 8,8, 8,-8

```

```

*AR-B816C, 8x16 Ziegelverband mit Fugen

```

```

0, 0,0, 8,8, 15.625,-.375

```

```

0, -8,.375, 8,8, 15.625,-.375

```

```

90, 0,0, 8,8, -8.375,7.625

```

```

90, -0.375,0, 8,8, -8.375,7.625

```

```

*AR-B88, 8x8 Ziegelverband ohne Fugen

```

```

0, 0,0, 0,8

```

```

90, 0,0, 8,4, 8,-8

```

```

*AR-BRELM, Ziegelverband mit Fugen

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```

0, 0,0, 0,5.334, 7.625,-.375

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```

0, 0,2.25, 0,5.334, 7.625,-.375

```

```

0, 2,2.667, 0,5.334, 3.625,-.375

```

```

0, 2,4.917, 0,5.334, 3.625,-.375

```

```

90, 0,0, 0,8, 2.25,-3.084

```

```

90, -0.375,0, 0,8, 2.25,-3.084

```

```

90, 2,2.667, 0,4, 2.25,-3.084

```

```

90, 1.625,2.667, 0,4, 2.25,-3.084

```

```

*AR-BRSTD, Ziegelverband ohne Fugen

```

```

0, 0,0, 0,2.667

```

```

90, 0,0, 2.667,4, 2.667,-2.667

```

```

*AR-CONC, Kies

```

```

50, 0,0, 4.12975034,-5.89789472, 0.75,-8.25

```

355, 0,0, -2.03781207,7.37236840, 0.60,-6.6
100.45144446,0.59771681,-0.05229344,5.7305871,-6.9397673,0.63740192,-
7.01142112
46.1842, 0,2, 6.19462554,-8.84684596, 1.125,-12.375
96.63563549,.88936745,1.86206693,8.59588239,-10.40964966,0.95610342,-
10.5171376
351.18416399,0,2, 7.74327494,11.05855746, 0.9,-9.90000001
21, 1,1.5, 4.12975034,-5.89789472, 0.75,-8.25
326, 1,1.5, -2.03781207,7.37236840, 0.60,-6.6
71.45144474, 1.49742254,1.16448426, 5.7305871,-6.9397673, 0.6374019,-
7.01142112
37.5, 0,0, 2.123,2.567, 0,-6.52,0,-6.7,0,-6.625
7.5, 0,0, 3.123,3.567, 0,-3.82,0,-6.37,0,-2.525
-32.5, -2.23,0, 4.6234,2.678, 0,-2.5,0,-7.8,0,-10.35
-42.5, -3.23,0, 3.6234,4.678, 0,-3.25,0,-5.18,0,-7.35
*AR-HBONE, Parkett (Fischgrätenmuster)
45, 0,0, 4,4, 12,-4
135, 2.828427125,2.828427125, 4,-4, 12,-4
*AR-PARQ1, Parkett 12x12
90, 0,0, 12,12, 12,-12
90, 2,0, 12,12, 12,-12
90, 4,0, 12,12, 12,-12
90, 6,0, 12,12, 12,-12
90, 8,0, 12,12, 12,-12
90, 10,0, 12,12, 12,-12
90, 12,0, 12,12, 12,-12
0, 0,12, 12,-12,
0, 0,14, 12,-12,
0, 0,16, 12,-12,
0, 0,18, 12,-12,
0, 0,20, 12,-12,
0, 0,22, 12,-12,
0, 0,24, 12,-12,
*AR-RROOF, REET-Dach
0, 0,0, 2.2,1, 15,-2,5,-1
0, 1.33,0.5, -1,1.33, 3,-0.33,6,-0.75
0, 0.5,0.85, 5.2,0.67, 8,-1.4,4,-1
*AR-RSHKE, Schindeldach
0, 0,0, 25.5,12, 6,-5,7,-3,9,-4
0, 6,.5, 25.5,12, 5,-19,4,-6
0, 18,-.75, 25.5,12, 3,-31
90, 0,0, 12,8.5, 11.5,-36.5
90, 6,0, 12,8.5, 11.25,-36.75
90, 11,0, 12,8.5, 10.5,-37.5
90, 18,-0.75, 12,8.5, 11.5,-36.5
90, 21,-0.75, 12,8.5, 11.5,-36.5
90, 30,0, 12,8.5, 11,-37
*AR-SAND, Sand
37.5, 0,0, 1.123,1.567, 0,-1.52,0,-1.7,0,-1.625
7.5, 0,0, 2.123,2.567, 0,-.82,0,-1.37,0,-.525
-32.5, -1.23,0, 2.6234,1.678, 0,-.5,0,-1.8,0,-2.35
-42.5, -1.23,0, 1.6234,2.678, 0,-.25,0,-1.18,0,-1.35
*BOX, Box Stahl
90, 0,0, 0,1
90, .25,0, 0,1
0, 0,0, 0,1, -.25,.25
0, 0,.25, 0,1, -.25,.25
0, 0,.5, 0,1, .25,-.25
0, 0,.75, 0,1, .25,-.25
90, .5,0, 0,1, .25,-.25
90, .75,0, 0,1, .25,-.25
*BRASS, Messing
0, 0,0, 0,.25
0, 0,.125, 0,.25, .125,-.0625
*BRICK, Ziegel- oder mauerwerkartige Oberfläche
0, 0,0, 0,.25
90, 0,0, 0,.5, .25,-.25
90, .25,0, 0,.5, -.25,.25
*BRSTONE, Ziegel und Steine
0, 0,0, 0,.33
90, .9,0, .33,.5, .33,-.33

90, .8,0, .33,.5, .33,-.33
 0, .9,.055, .5,.33, -.9, .1
 0, .9,.11, .5,.33, -.9, .1
 0, .9,.165, .5,.33, -.9, .1
 0, .9,.22, .5,.33, -.9, .1
 0, .9,.275, .5,.33, -.9, .1
 *CLAY, Ton
 0, 0,0, 0,.1875
 0, 0,.03125, 0,.1875
 0, 0,.0625, 0,.1875
 0, 0,.125, 0,.1875, .1875,-.125
 *CORK, Kork
 0, 0,0, 0,.125
 135, .0625,-.0625, 0,.35355339, .176776696,-.176776696
 135, .09375,-.0625, 0,.35355339, .176776696,-.176776696
 135, .125,-.0625, 0,.35355339, .176776696,-.176776696
 *CROSS, Eine Reihe von Kreuzen
 0, 0,0, .25,.25, .125,-.375
 90, .0625,-.0625, .25,.25, .125,-.375
 *DASH, Gestrichelte Linien
 0, 0,0, .125,.125, .125,-.125
 *DOLMIT, Geologische Gesteinsschichten
 0, 0,0, 0,.25
 45, 0,0, 0,.70710678, .353553390593273762200422181,-
 .707106781186547524400844362
 *DOTS, Eine Reihe von Punkten
 0, 0,0, .03125,.0625, 0,-.0625
 *EARTH, Erde oder Grund (unterirdisch)
 0, 0,0, .25,.25, .25,-.25
 0, 0,.09375, .25,.25, .25,-.25
 0, 0,.1875, .25,.25, .25,-.25
 90, .03125,.21875, .25,.25, .25,-.25
 90, .125,.21875, .25,.25, .25,-.25
 90, .21875,.21875, .25,.25, .25,-.25
 *ESCHER, Escher-Muster
 60, 0,0, -.6,1.039230484, 1.1,-.1
 180, 0,0, -.6,1.039230484, 1.1,-.1
 300, 0,0, .6,1.039230484, 1.1,-.1
 60, .1,0, -.6,1.039230484, .2,-1
 300, .1,0, .6,1.039230484, .2,-1
 60, -.05,.08660254, -.6,1.039230484, .2,-1
 180, -.05,.08660254, -.6,1.039230484, .2,-1
 300, -.05,-.08660254, .6,1.039230484, .2,-1
 180, -.05,-.08660254, -.6,1.039230484, .2,-1
 60, -.4,0, -.6,1.039230484, .2,-1
 300, -.4,0, .6,1.039230484, .2,-1
 60, .2,-.346410161, -.6,1.039230484, .2,-1
 180, .2,-.346410161, -.6,1.039230484, .2,-1
 300, .2,.346410161, .6,1.039230484, .2,-1
 180, .2,.346410161, -.6,1.039230484, .2,-1
 0, .2,.173205081, -.6,1.039230484, .7,-.5
 0, .2,-.173205081, -.6,1.039230484, .7,-.5
 120, .05,.259807621, .6,1.039230484, .7,-.5
 120, -.25,-.08660254, .6,1.039230484, .7,-.5
 240, -.25,-.08660254, .6,1.039230484, .7,-.5
 240, .05,-.259807621, .6,1.039230484, .7,-.5
 *FLEX, Biegsames Material
 0, 0,0, 0,.25, .25,-.25
 45, .25,0, .176776695296,.176776695296, .0625,-.2285533906,.0625,-
 .353553390593
 *GOST_GLASS, Glasmaterial
 45, 0, 0, 6, -6, 5, -7
 45, 2.121320, 0, 6, -6, 2, -10
 45, 0, 2.121320, 6, -6, 2, -10
 *GOST_WOOD, Holzmaterial
 90, 0, 0, 0, -6, 10, -2
 90, 2, -2, 0, -6, 6, -1.5, 3, -1.5
 90, 4, -5, 0, -6, 10, -2
 *GOST_GROUND, Boden
 45, 0, 0, 10, -10, 20
 45, 3, 0, 10, -10, 20

45, 6, 0, 10, -10, 20
*GRASS, Grasfläche
90, 0, 0, .707106781, .1875, -1.226713563
45, 0, 0, 0, 1, .1875, -.8125
135, 0, 0, 0, 1, .1875, -.8125
*GRATE, Gitterfläche
0, 0, 0, 0, .03125
90, 0, 0, 0, .125
*GRAVEL, Kiesmuster
228.012787504, .72, 1.0, 12.0413651692039, .0743294146632, .134536, -
13.3190880470737
184.969740728, .63, .90, -12.0415166747131, .0433148081592, .230868, -
22.85592476123
132.510447078, .40, .88, -14.8659418273816, .061429511683, .162788, -
16.1160325960997
267.273689006, .01, .63, -20.0249279039043, .0475651493827, .210238, -
20.813558041629
292.833654178, 0.0, .42, -12.9999095019474, .048507125026, .206155, -
20.4093731280883
357.273689006, .08, .23, -20.0249279039043, .0475651493827, .210238, -
20.813558041629
37.6942404667, .29, .22, -16.4011800288558, .0359675000664, .278029, -
27.524848548916
72.2553283749, .51, .39, 23.0867613281116, .0380969659053, .262488, -
25.9863214968134
121.429565615, .59, .64, 15.2642639131074, .047404546271, .210950, -
20.884073109729
175.236358309, .48, .82, -11.0450488205478, .083045479801, .240832, -
11.8007625787923
222.397437798, .24, .84, 16.2787889313724, .0321080648114, .311448, -
30.8333750047949
138.814074834, 1.0, .62, 9.2190645101588, .0940720868851, .106301, -
10.5238448127347
171.469234390, .92, .69, -13.1528534931484, .0494468176315, .202237, -
20.021511416157
225.000000000, .72, .72, 0.7071067811865, .7071067811865, .141421, -
1.2727925623731
203.198590514, .65, .84, -5.3835637472478, .1313064328928, .076158, -
7.5396151058639
291.801409486, .58, .81, -3.156820749011, .185695338158, .107703, -
5.2774618071345
30.9637565321, .62, .71, 3.6014702879928, .1714985851408, .174929, -
5.6560228948453
161.565051177, .77, .80, -2.2135943621183, .3162277660138, .126491, -
3.0357866601684
16.3895403340, 0.0, .81, 10.4401539876873, .0564332648047, .177200, -
17.5428451466694
70.3461759419, .17, .86, -11.7045066155395, .0672672793901, .148661, -
14.717407747319
293.198590514, .77, 1.0, -5.3835637472478, .1313064328928, .152315, -
7.4634581058639
343.610459666, .83, .86, -10.4401539876873, .0564332648047, .177200, -
17.542845146669
339.443954780, 0.0, .19, -5.3838927710229, .117041147157, .170880, -
8.3731237453175
294.775140569, .16, .13, -12.0828441168135, .0698430296124, .143178, -
14.174643063276
66.8014094864, .78, 0.0, 5.3835637472487, .1313064328552, .152315, -
7.4634581058639
17.3540246363, .84, .14, -13.6013396869991, .0596549986364, .167631, -
16.59542361424
69.4439547804, .29, 0.0, -5.383892771022, .1170411471946, .085440, -
8.4585637453175
101.309932474, .72, 0.0, 4.1184388379018, .1961161351396, .050990, -
5.0480295135928
165.963756532, .71, .05, -3.1529631254726, .2425356250323, .206155, -
3.9169506256177
186.009005957, .51, .10, -10.0497393137326, .0523423921723, .191050, -
18.9139231745428
303.690067526, .62, .62, -2.2188007849008, .2773500981134, .144222, -
3.4613292754640

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353.157226587,.7,.5,17.1171966955143,.0397150736497,.251794,-
24.9275626240283
60.9453959009,.95,.47,-8.0616726575653,.0971285862325,.102956,-
10.192674140987
90, 1,.56, 1.000,1.000, .06,-.940
120.256437164,.49,.13,-8.0619364083848,.0719815751411,.138924,-
13.7535199894498
48.0127875042,.42,.25,12.0413651692041,.0743294146212,.269072,-
13.1845520470737
0, .60, .45, 1, 1, .26,-.74
325.304846469,.86,.45,12.2063917682497,-.063245553253,.158114,-
15.653274300842
254.054604099,.99,.36,4.1208169184605,.1373605639542,.145602,-
7.1345078892805
207.645975364,.95,.22,21.4708691170287,.0421824539631,.237065,-
23.4694741822594
175.426078740,.74,.11,13.0383438432524,.039872611164,.250799,-
24.8290734079689
*HEX, Sechsecke
0, 0,0, 0,0.21650635094610966169093079268823, .125,-.25
120, 0,0, 0,0.21650635094610966169093079268823, .125,-.25
60, .125,0, 0,0.21650635094610966169093079268823, .125,-.25
*HONEY, Wabenmuster
0, 0,0, .1875,0.10825317547305483084546539634412, .125,-.25
120, 0,0, .1875,0.10825317547305483084546539634412, .125,-.25
60, 0,0, .1875,0.10825317547305483084546539634412, -.25,.125
*HOUND, Hahnentrittmuster
0, 0,0, .25,.0625, 1,-.5
90, 0,0, -.25,.0625, 1,-.5
*INSUL, Isolationsmaterial
0, 0,0, 0,.375
0, 0,.125, 0,.375, .125,-.125
0, 0,.25, 0,.375, .125,-.125
;;
;; Schraffurmusterdefinitionen in bezug auf ISO/DIS 12011-Linientypen
;;
;; (Breite * 5 = Abstand zwischen Linien)
;;
;; Die Größe der Liniensegmente, die das folgende Schraffurmuster
bestimmen,
;; bezieht sich auf die ISO/DIS 12011-Linientypen.
;; Grundlage der Definition ist die Stiftbreite 1 mm. Um sie mit den
übrigen
;; in ISO/DIS 12011 vordefinierten Stiftbreiten zu verwenden, muß die
Linie mit
;; einem geeigneten Wert skaliert werden (z. B. Stiftbreite 0,5 mm ->
Ltfaktor 0.5).
;;
*ACAD_ISO02W100, Strichlinie
0, 0,0, 0,5, 12,-3
*ACAD_ISO03W100, Gestrichelt mit Abstand
0, 0,0, 0,5, 12,-18
*ACAD_ISO04W100, Lang gestrichelt punktiert
0, 0,0, 0,5, 24,-3,.5,-3
*ACAD_ISO05W100, Lang gestrichelt doppelpunktiert
0, 0,0, 0,5, 24,-3,.5,-3,.5,-3
*ACAD_ISO06W100, Lang gestrichelt dreifachpunktiert
0, 0,0, 0,5, 24,-3,.5,-3,.5,-6.5
0, 0,0, 0,5, -34,.5,-3
*ACAD_ISO07W100, Punktiert
0, 0,0, 0,5, .5,-3
*ACAD_ISO08W100, Lang-kurz gestrichelt
0, 0,0, 0,5, 24,-3,6,-3
*ACAD_ISO09W100, Lang-kurz-kurz gestrichelt
0, 0,0, 0,5, 24,-3,6,-3,6,-3
*ACAD_ISO10W100, Strichpunktlinie
0, 0,0, 0,5, 12,-3,.5,-3
*ACAD_ISO11W100, Zwei Striche, Punkt
0, 0,0, 0,5, 12,-3,12,-3,.5,-3
*ACAD_ISO12W100, Strich, zwei Punkte
0, 0,0, 0,5, 12,-3,.5,-3,.5,-3

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*ACAD_ISO13W100, Zwei Striche, zwei Punkte
0, 0,0, 0,5, 12,-3,12,-3,.5,-6.5
0, 0,0, 0,5, -33.5,.5,-3
*ACAD_ISO14W100, Strich, drei Punkte
0, 0,0, 0,5, 12,-3,.5,-3,.5,-6.5
0, 0,0, 0,5, -22,.5,-3
*ACAD_ISO15W100, Zwei Striche, drei Punkte
0, 0,0, 0,5, 12,-3,12,-3,.5,-10
0, 0,0, 0,5, -33.5,.5,-3,.5,-3
;;
;; Ende der ACAD_ISO-Schraffurmusterdefinition
;;
*LINE, Parallele horizontale Linien
0, 0,0, 0,.125
*MUDST, Schlamm und Sand
0, 0,0, .5,.25, .25,-.25,0,-.25,0,-.25
*NET, Gitter
0, 0,0, 0,.125
90, 0,0, 0,.125
*NET3, Netzmuster 0-60-120
0, 0,0, 0,.125
60, 0,0, 0,.125
120, 0,0, 0,.125
*PLAST, Plastikmaterial
0, 0,0, 0,.25
0, 0,.03125, 0,.25
0, 0,.0625, 0,.25
*PLASTI, Plastikmaterial
0, 0,0, 0,.25
0, 0,.03125, 0,.25
0, 0,.0625, 0,.25
0, 0,.15625, 0,.25
*SACNCR, Beton
45, 0,0, 0,.09375
45, .066291261,0, 0,.09375, 0,-.09375
*SQUARE, Kleine ausgerichtete Quadrate
0, 0,0, 0,.125, .125,-.125
90, 0,0, 0,.125, .125,-.125
*STARS, Davidssterne
0, 0,0, 0,.216506351, .125,-.125
60, 0,0, 0,.216506351, .125,-.125
120, .0625,.108253176, 0,.216506351, .125,-.125
*STEEL, Stahl
45, 0,0, 0,.125
45, 0,.0625, 0,.125
*SWAMP, Sumpffläche
0, 0,0, .5,.866025403, .125,-.875
90, .0625,0, .866025403,.5, .0625,-1.669550806
90, .078125,0, .866025403,.5, .05,-1.682050806
90, .046875,0, .866025403,.5, .05,-1.682050806
60, .09375,0, .5,.866025403, .04,-.96
120, .03125,0, .5,.866025403, .04,-.96
*TRANS, Wärmeleitendes Material
0, 0,0, 0,.25
0, 0,.125, 0,.25, .125,-.125
*TRIANG, Gleichseitige Dreiecke
60, 0,0, .1875,.324759526, .1875,-.1875
120, 0,0, .1875,.324759526, .1875,-.1875
0, -.09375,.162379763, .1875,.324759526, .1875,-.1875
*ZIGZAG, Treppmuster
0, 0,0, .125,.125, .125,-.125
90, .125,0, .125,.125, .125,-.125

;;
;; Benutzerdefinierte Schraffurmuster
;; Fügen Sie alle selbstdefinierten Schraffurmuster zu diesem
;; Abschnitt der Datei hinzu, damit sie beim Aktualisieren
;; auf zukünftige AutoCAD-Versionen korrekt migriert werden.
;; Wenn in dieser Datei doppelte Schraffurmuster-Definitionen
;; gefunden werden, haben Einträge im Abschnitt Benutzerdefinierte

```

;; Schraffurmuster Vorrang vor anderen Definitionen im oberen Teil der Datei.

;;

*AR-CONC, Kies

50, 0,0, 4.12975034,-5.89789472, 0.75,-8.25
355, 0,0, -2.03781207,7.37236840, 0.60,-6.6
100.4514, 0.5977168,-0.0522934, 5.7305871,-6.9397673, 0.6374019,-7.01142112
46.1842, 0,2, 6.19462551,-8.84684208, 1.125,-12.375
96.6356, 0.88936745,1.86206693, 8.59588071,-10.40965104, 0.95610288,-
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21, 1,1.5, 4.12975034,-5.89789472, 0.75,-8.25
326, 1,1.5, -2.03781207,7.37236840, 0.60,-6.6
71.4514, 1.49742233,1.16448394, 5.7305871,-6.9397673, 0.6374019,-7.01142112
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7.5, 0,0, 3.123,3.567, 0,-3.82,0,-6.37,0,-2.525
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-42.5, -3.23,0, 3.6234,4.678, 0,-3.25,0,-5.18,0,-7.35

*DOLMIT, Geologische Gesteinsschichten

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45, 0,0, 0,.70710678, .35355339,-.70710678

*FLEX, Biegsames Material

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*GRAVEL,Kiesmuster

228.0128, 0.720,1.000, 12.041365,0.074329, 0.134536,-13.319088
184.9697, 0.630,0.900, -12.041517,0.043315, 0.230868,-22.855925
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267.2737, 0.010,0.630, -20.024928,0.047565, 0.210238,-20.813558
292.8337, 0.000,0.420, -12.999910,0.048507, 0.206155,-20.409373
357.2737, 0.080,0.230, -20.024928,0.047565, 0.210238,-20.813558
37.6942, 0.290,0.220, -16.401180,0.035968, 0.278029,-27.524849
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222.3974, 0.240,0.840, 16.278789,0.032108, 0.311448,-30.833375
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*HEX, Sechsecke

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60, .125,0, 0,.216506351, .125,-.25

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*HONEY, Wabenmuster  
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120, 0, 0, .1875, .108253175, .125, -.25  
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