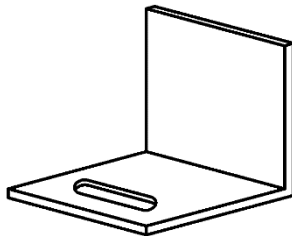


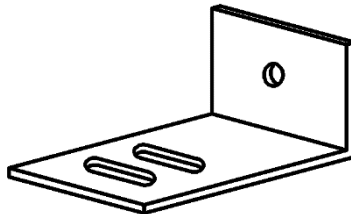


1300 Sibley Memorial Highway
P.O. Box 50800 • Mendota, MN 55150
(651) 452-8556 • Fax (651) 452-9743
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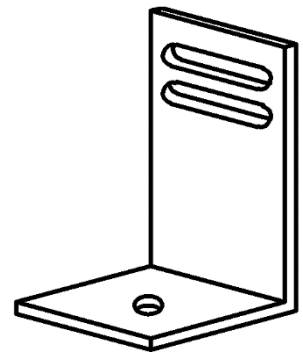
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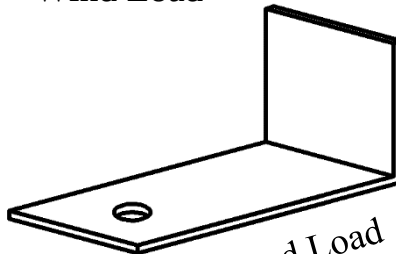
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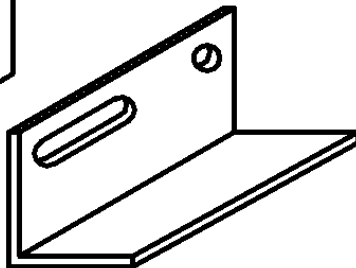
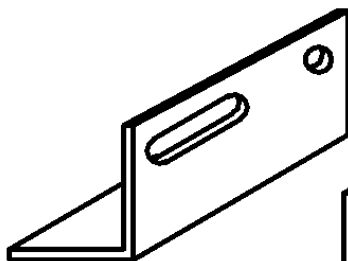
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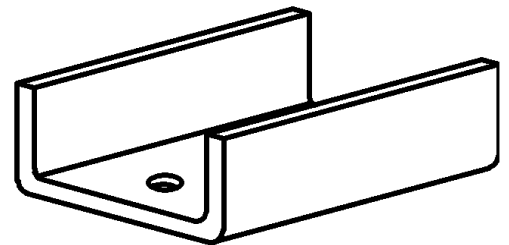
Wind Load



Dead Load



Entry Frame Jumbuck



Wind Load Dead Load



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This catalog has been prepared for your use to develop estimates and to help you purchase the various anchors that you will need on your projects.

Benson Metals has produced anchors since 1978. John Benson, our founder, and the estimator, worked with his team on the cost analysis and design of the window anchors for the IDS tower, located in Minneapolis, in 1970. Our quality and practices have stood the test of time.

All anchors are painted with a red oxide primer, unless specified.

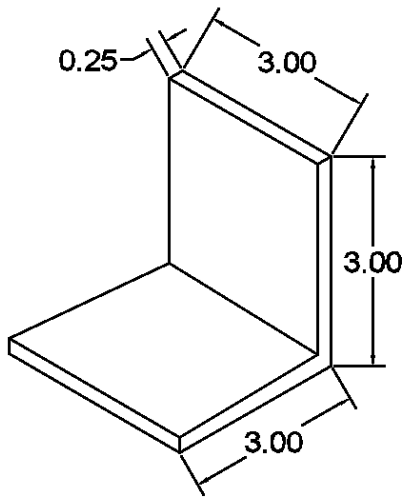
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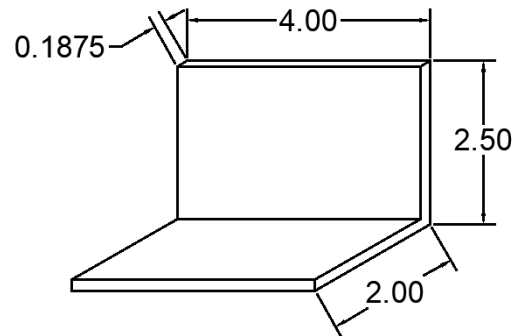
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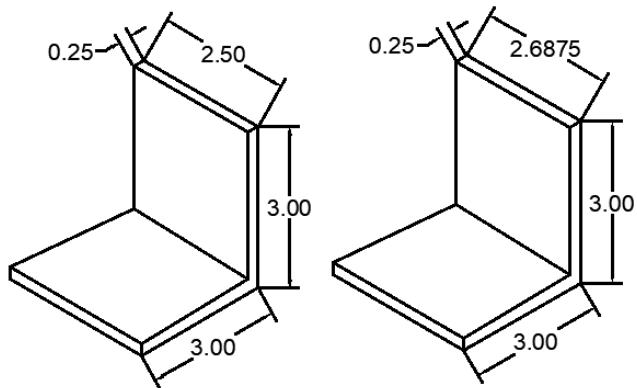
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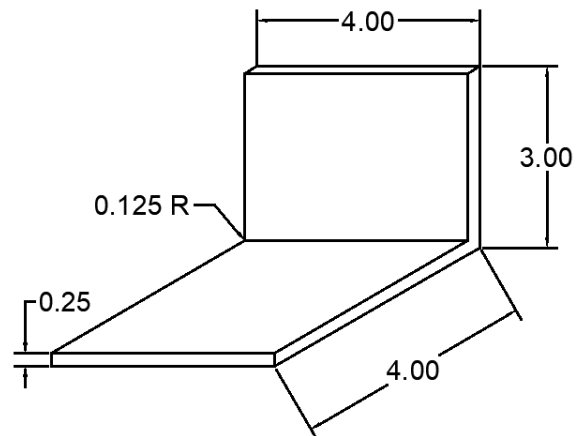
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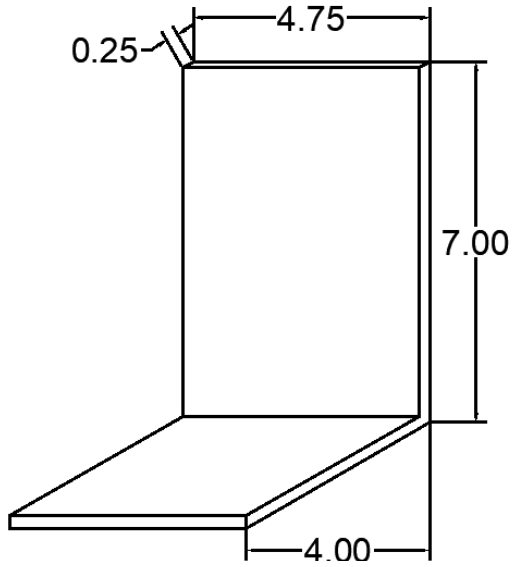
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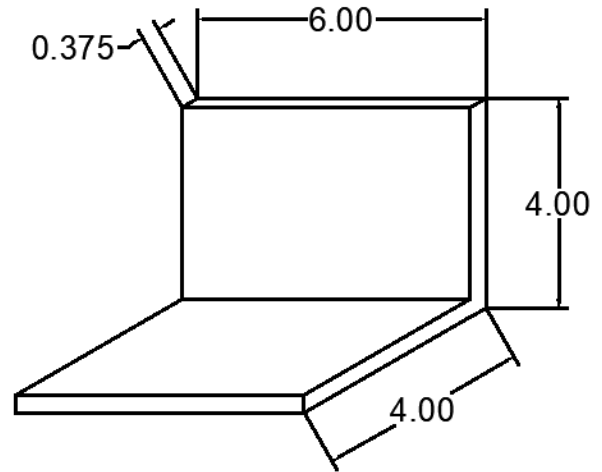
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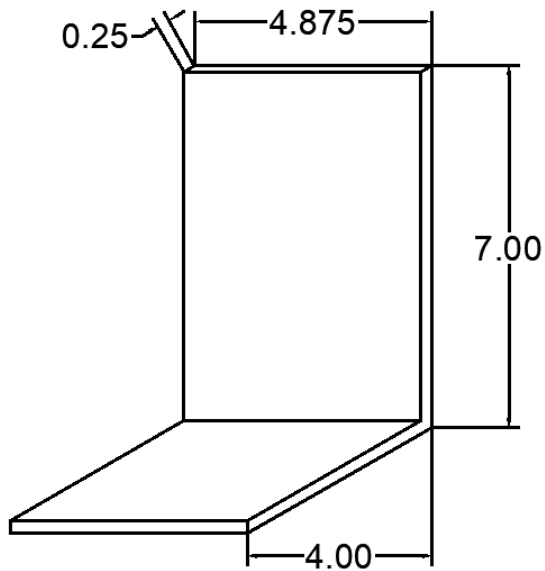
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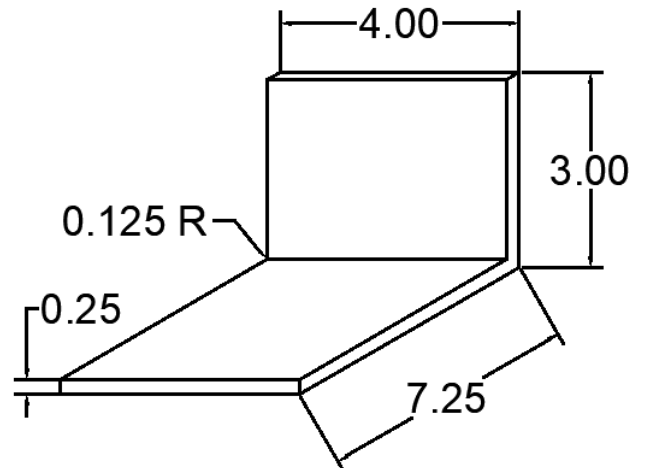
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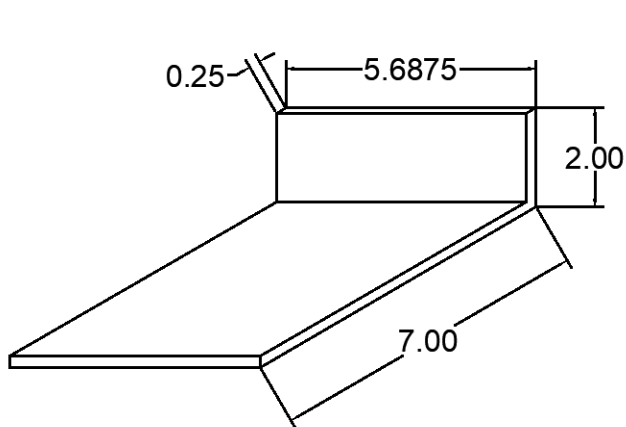
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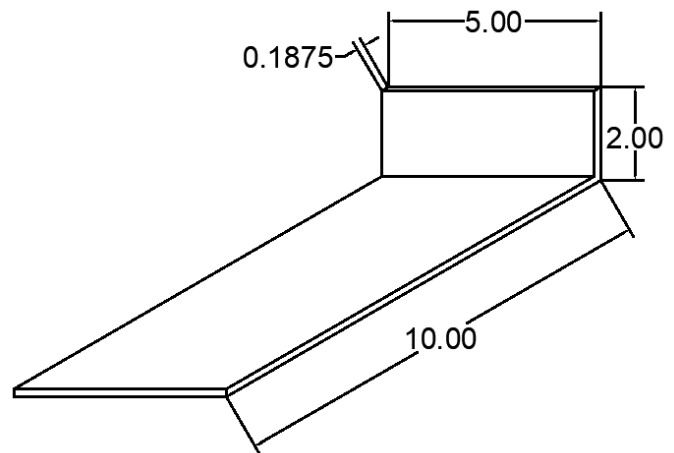
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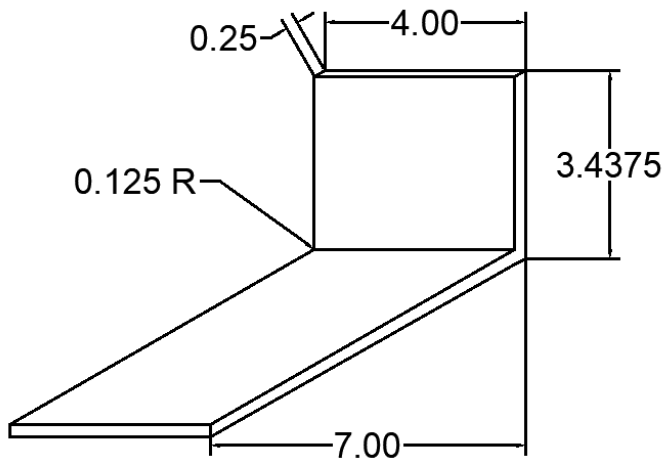
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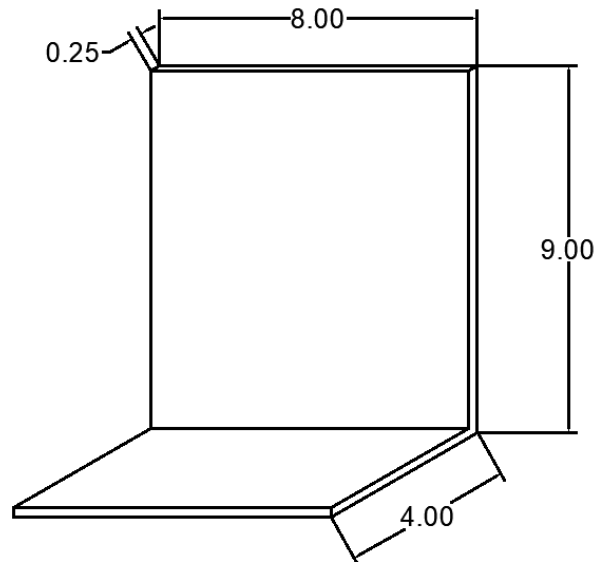
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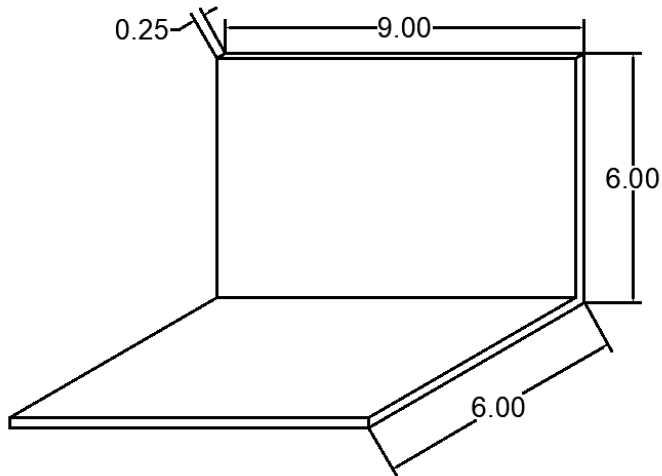
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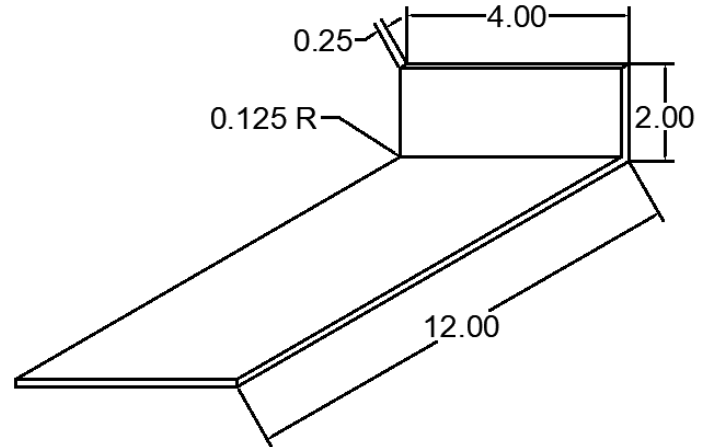
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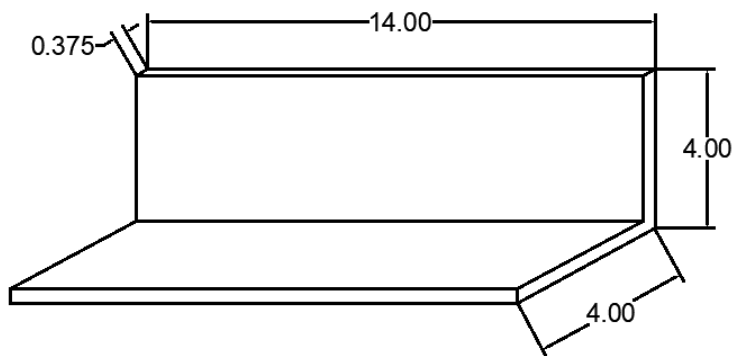
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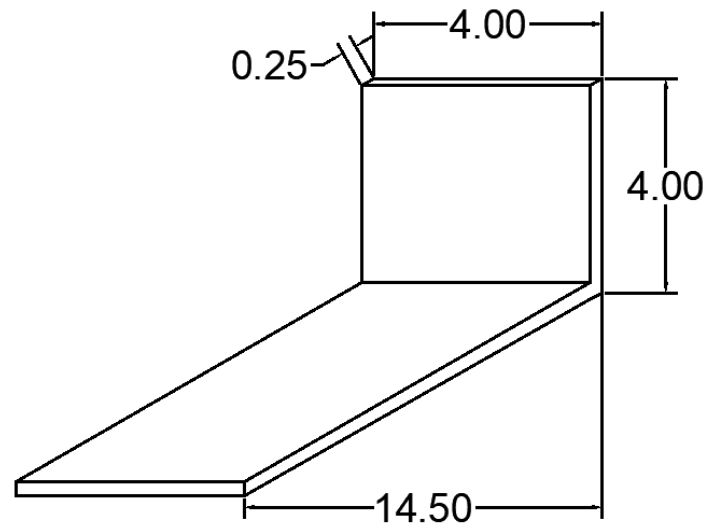
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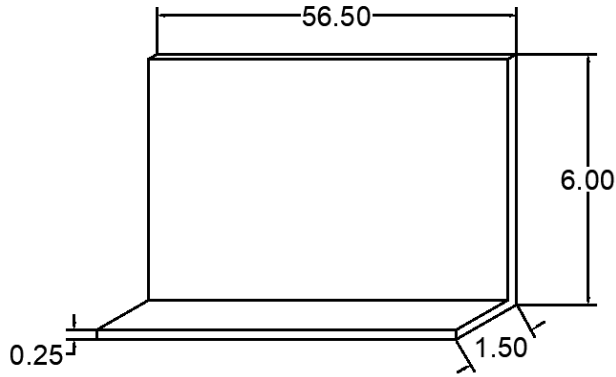
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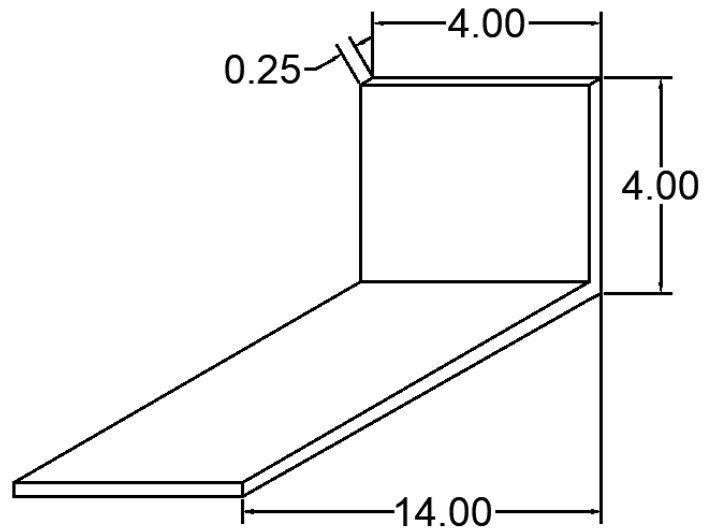
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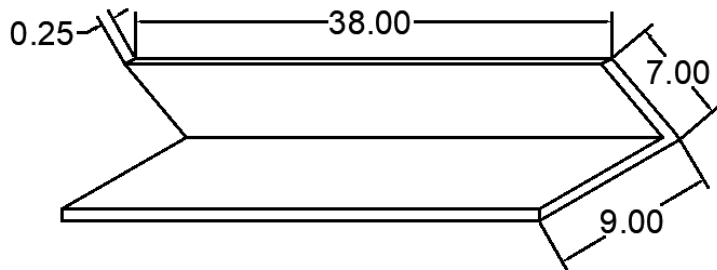
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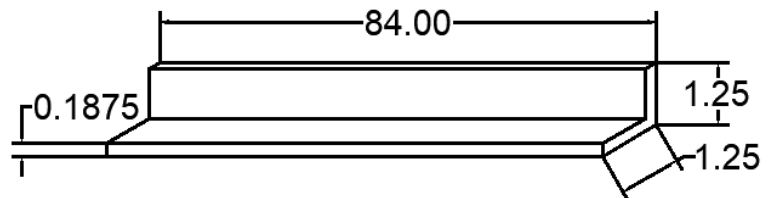
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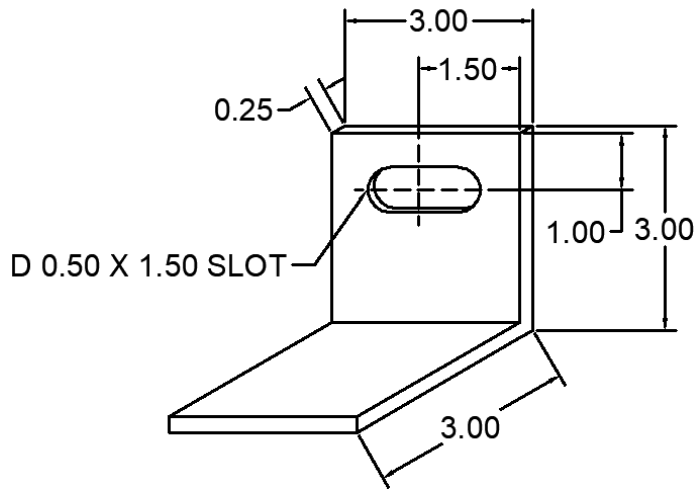
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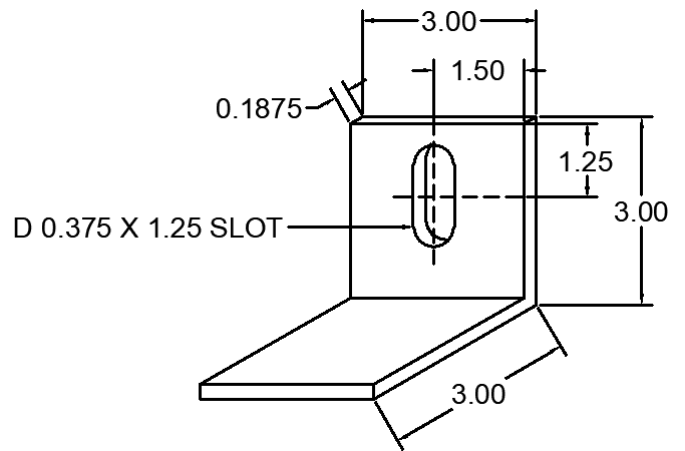
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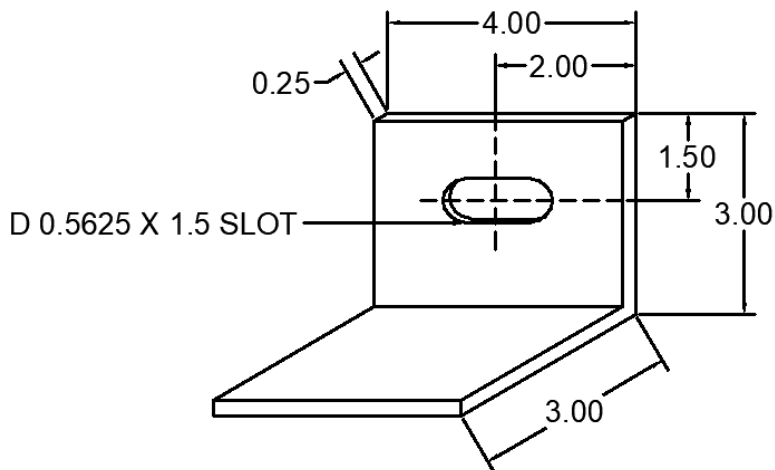
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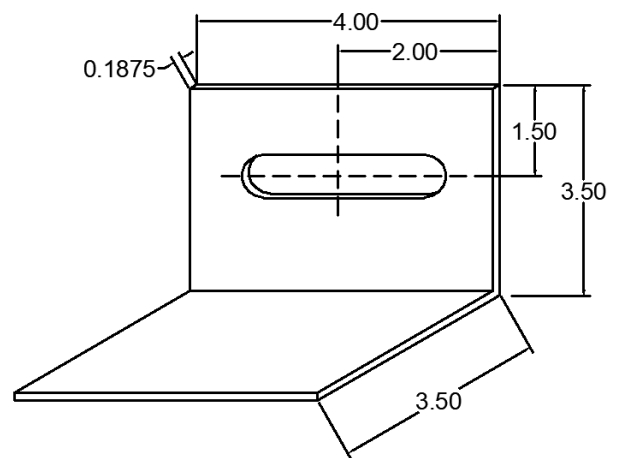
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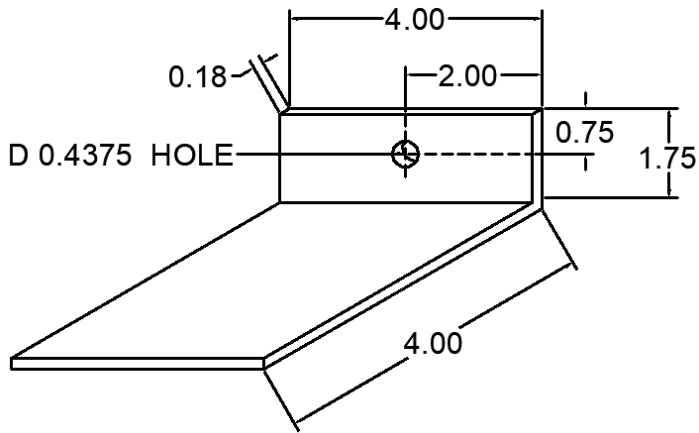
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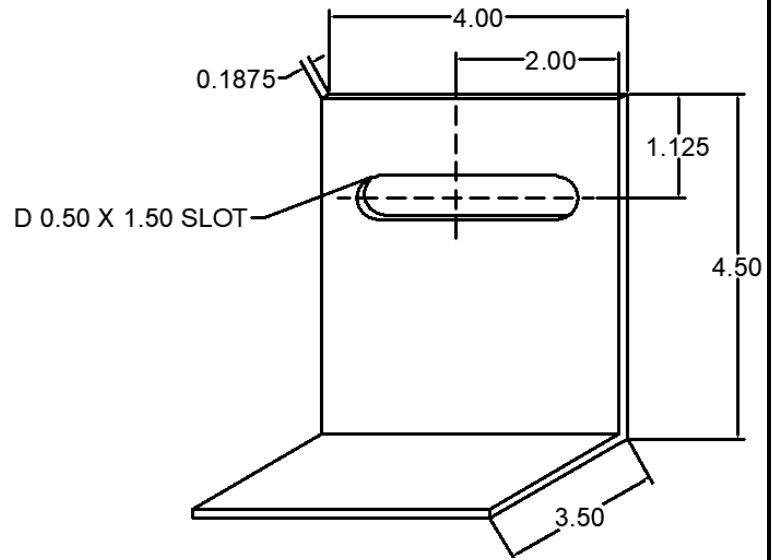
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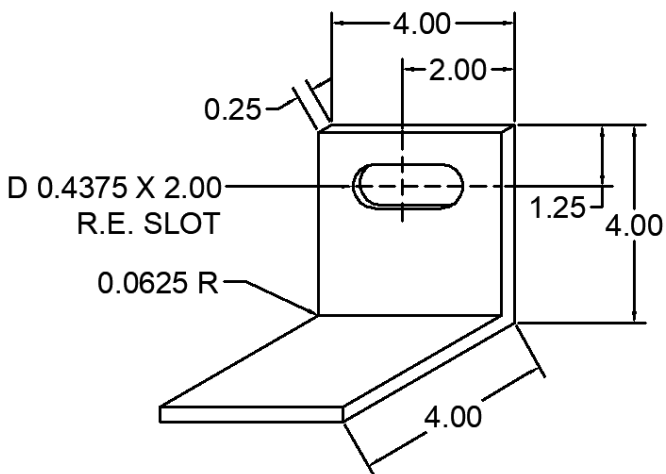
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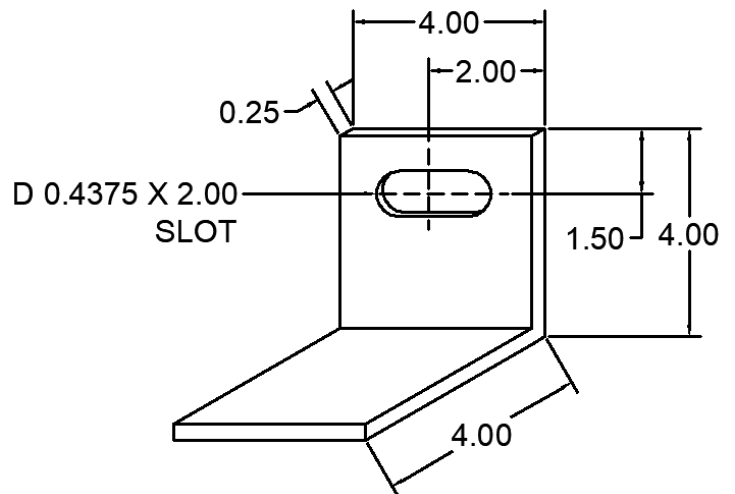
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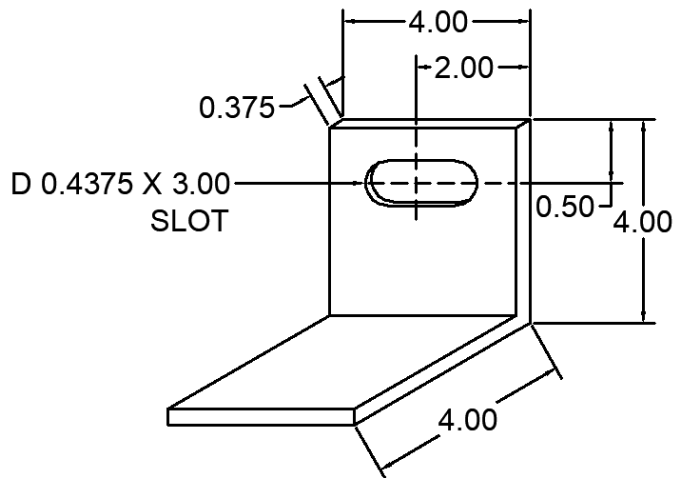
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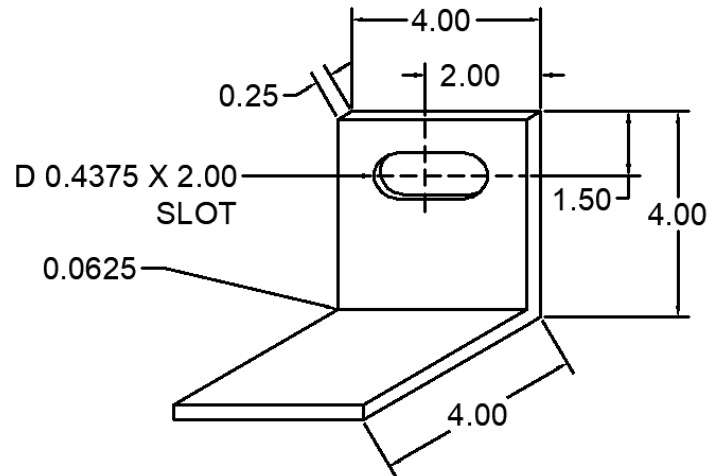
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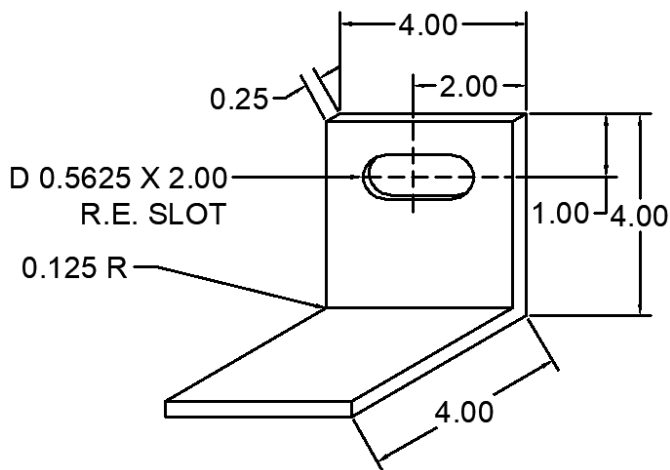
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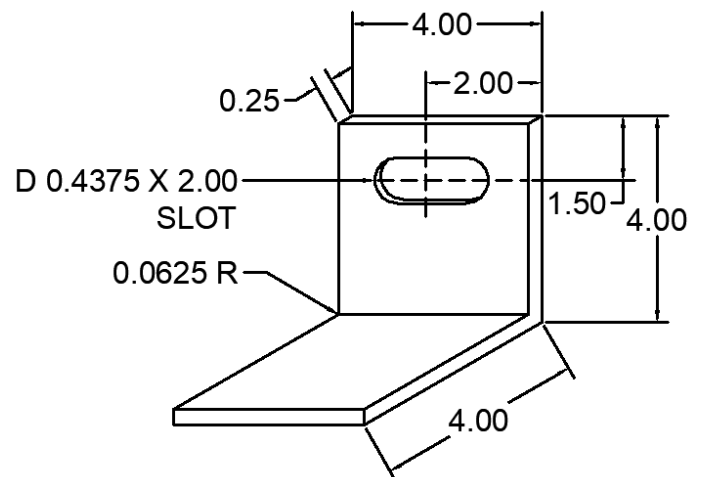
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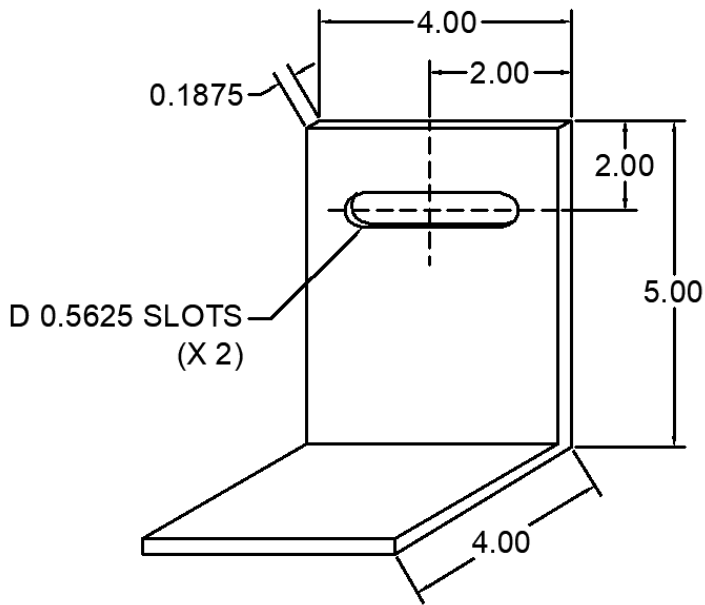
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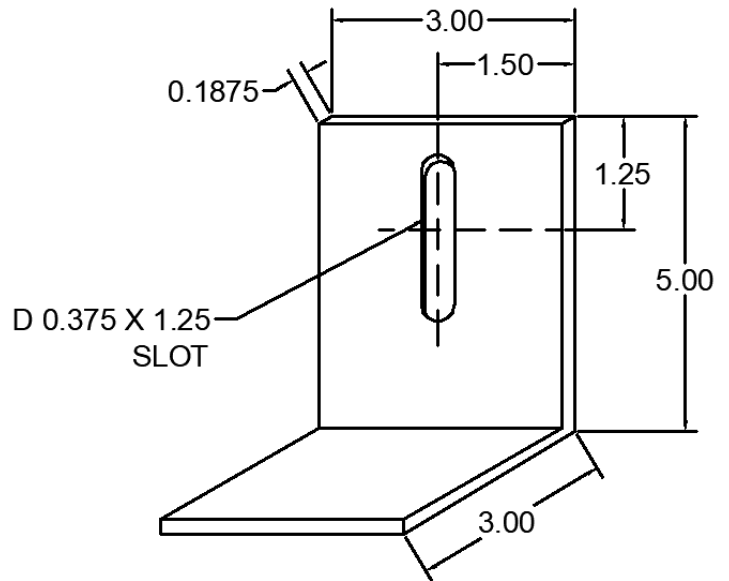
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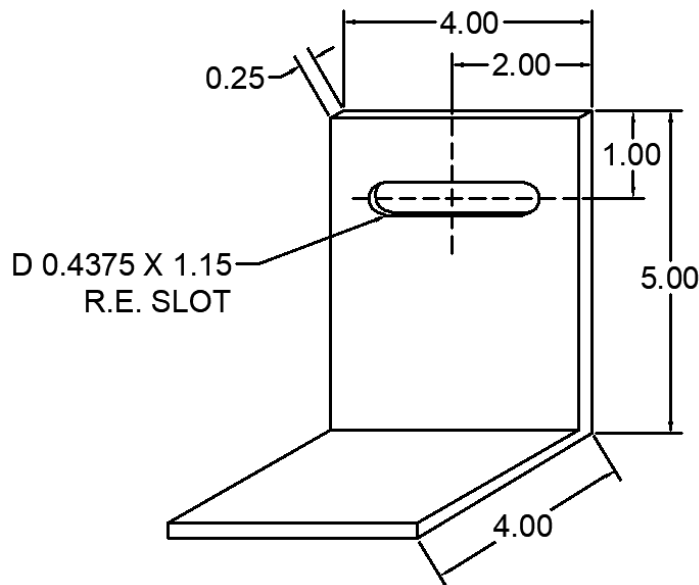
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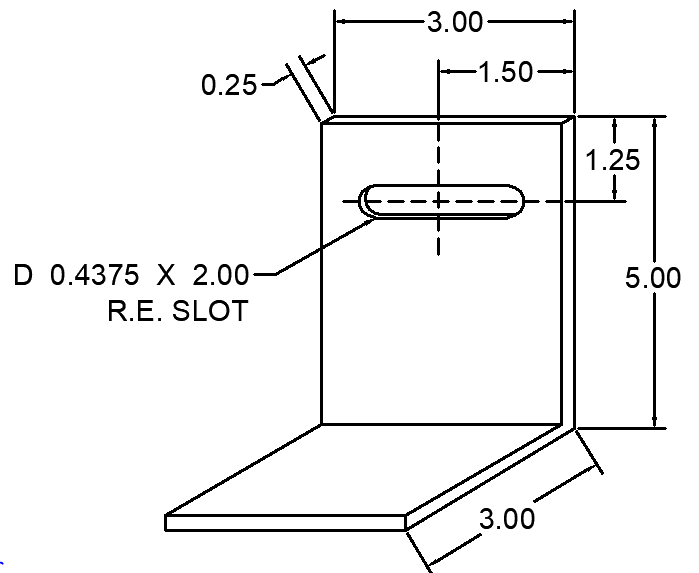
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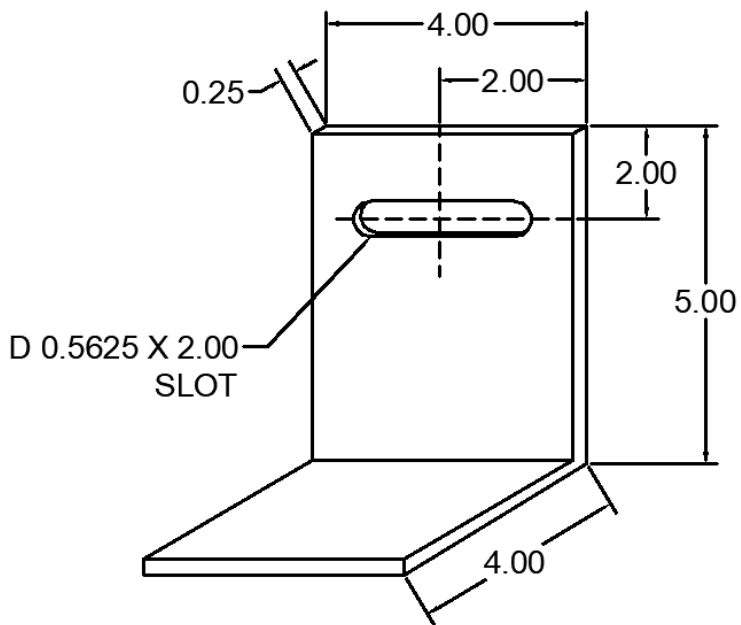
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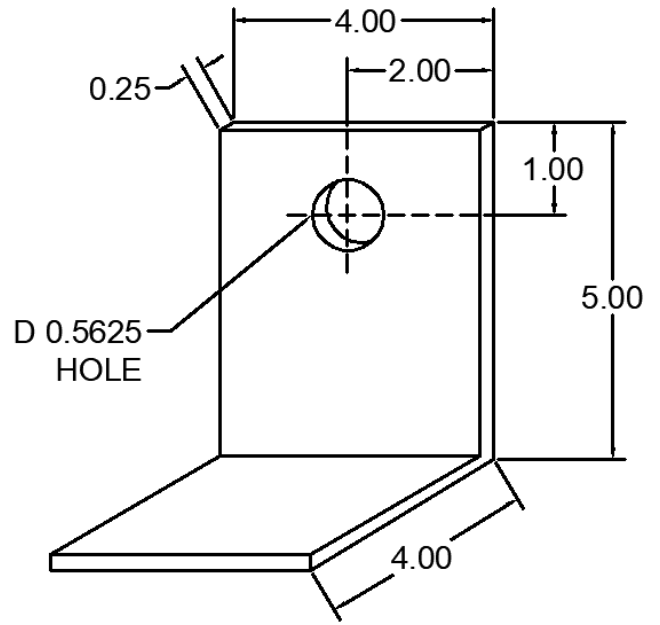
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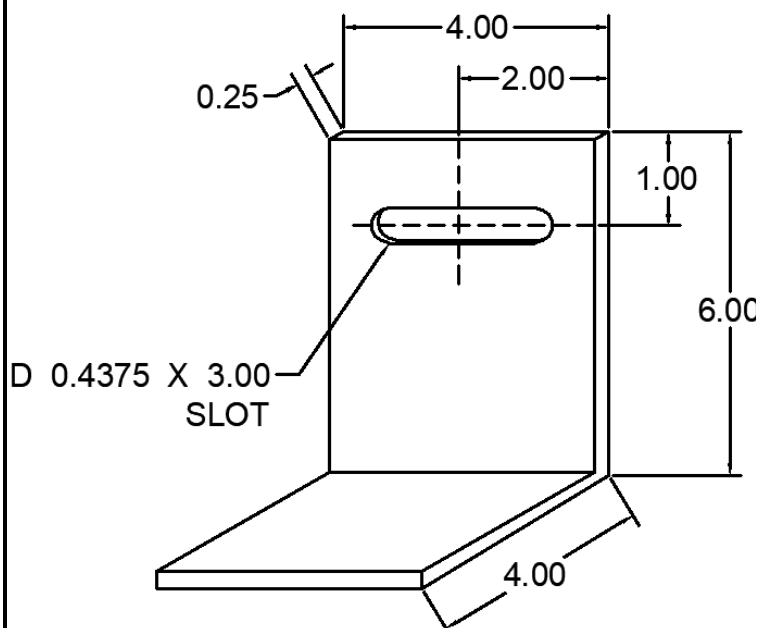
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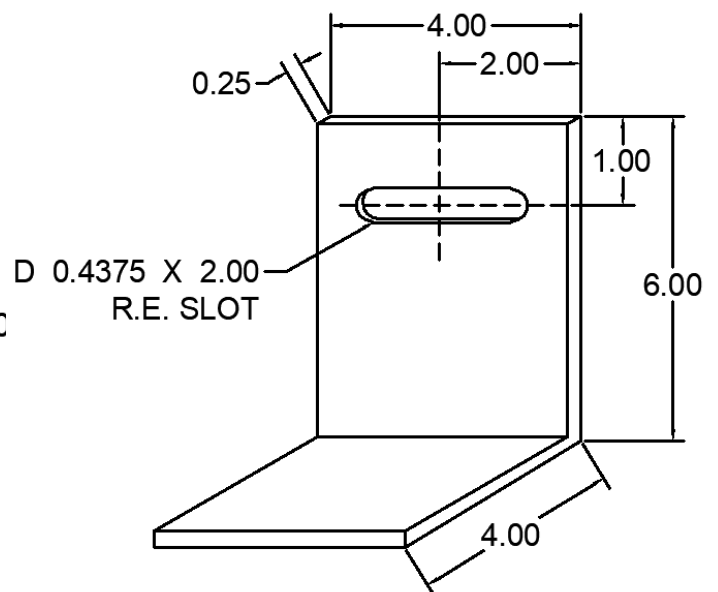
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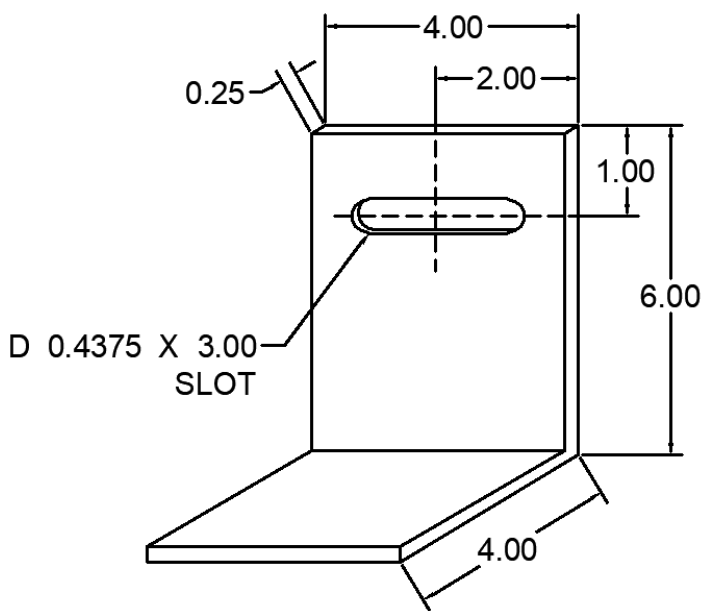
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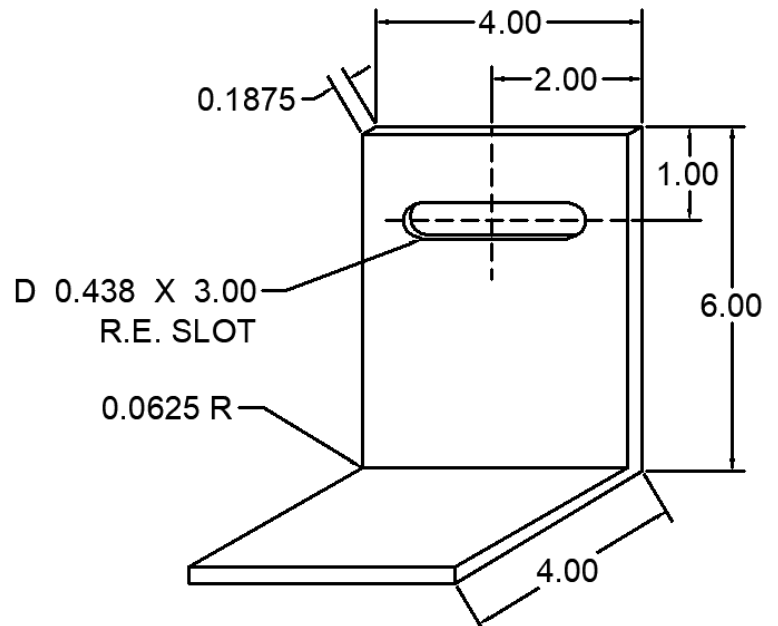
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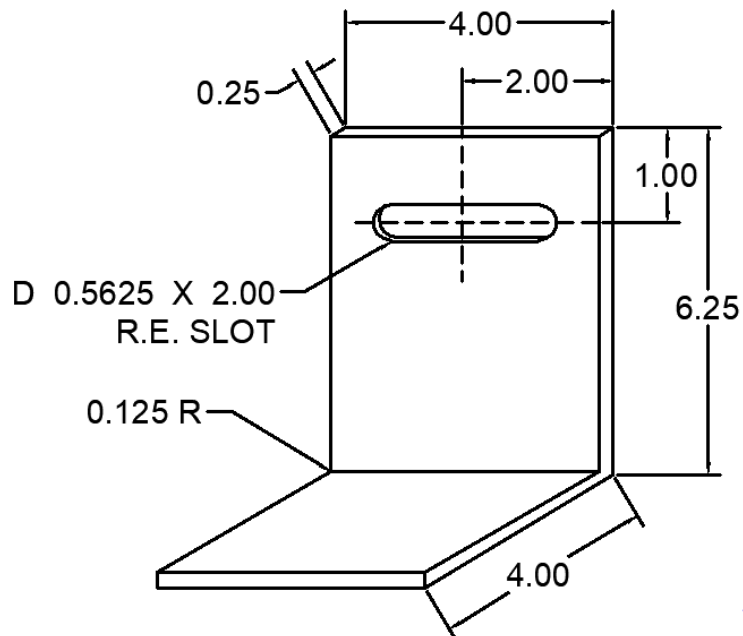
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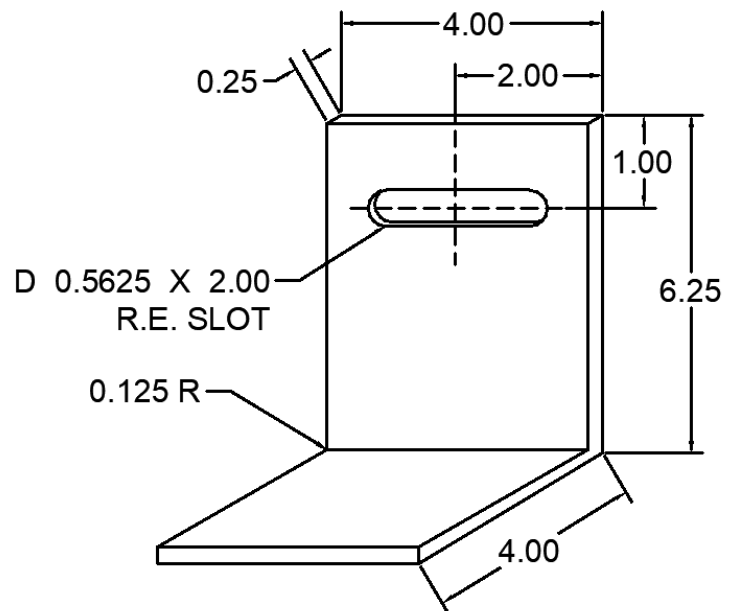
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WIND LOAD CLIP



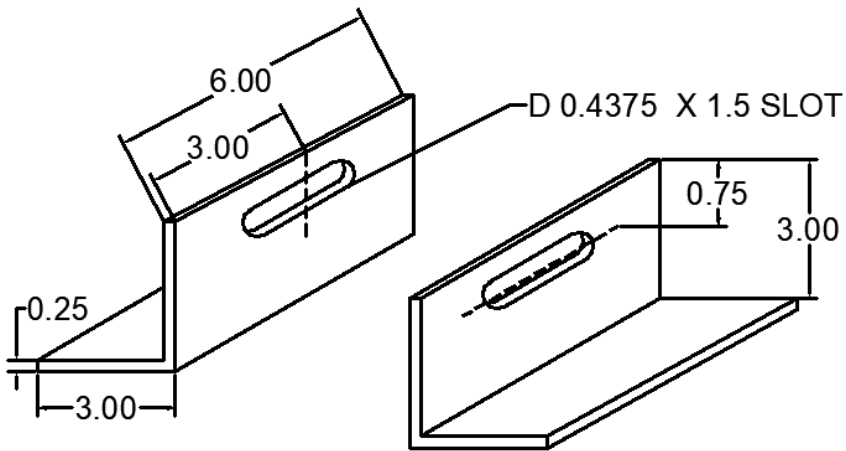
42
ANC-0404-6-42
WIND LOAD CLIP



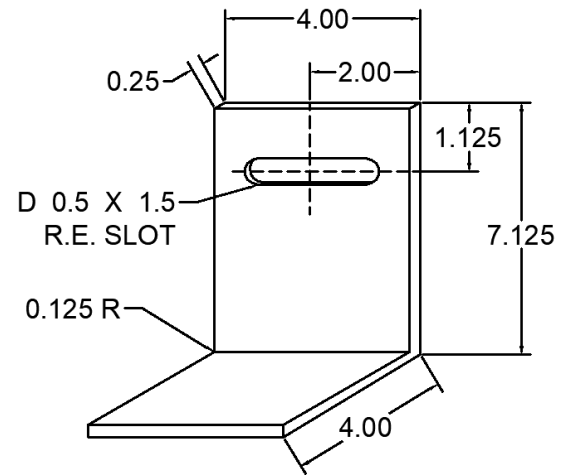
43
ANC-0406-4WC-43
WIND LOAD CLIP



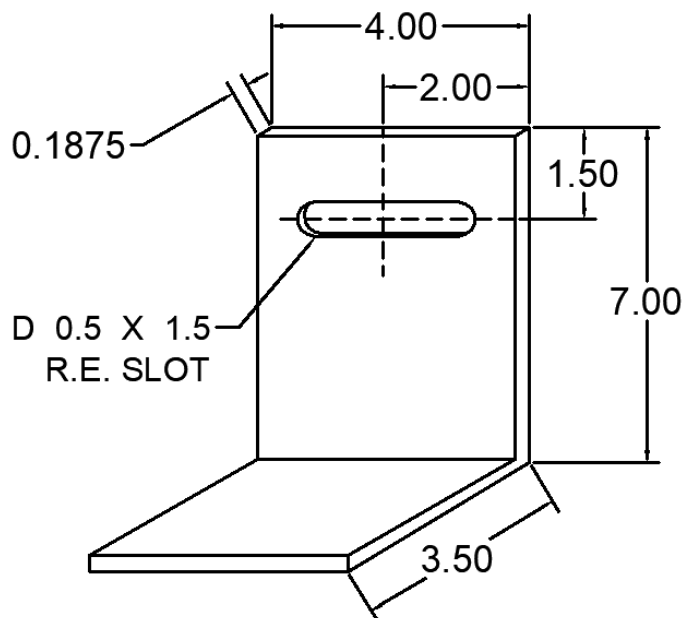
44
ANC-0406-4WL-44
WIND LOAD CLIP



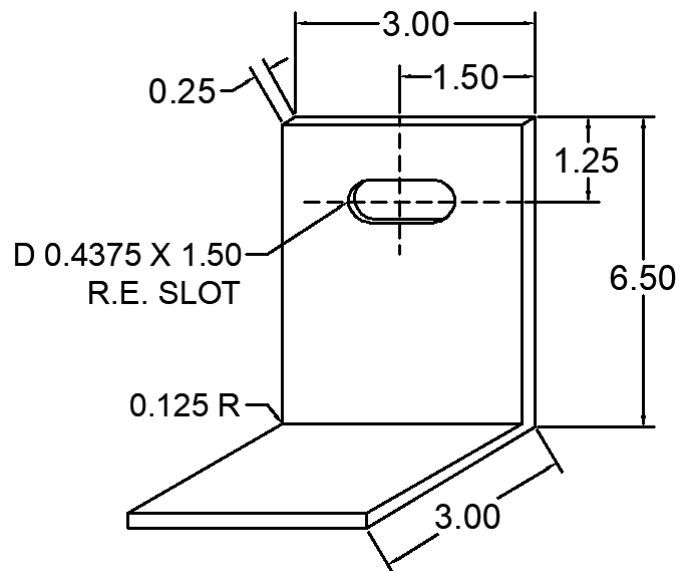
45
ANC-0303-6M-45
WIND LOAD CLIP



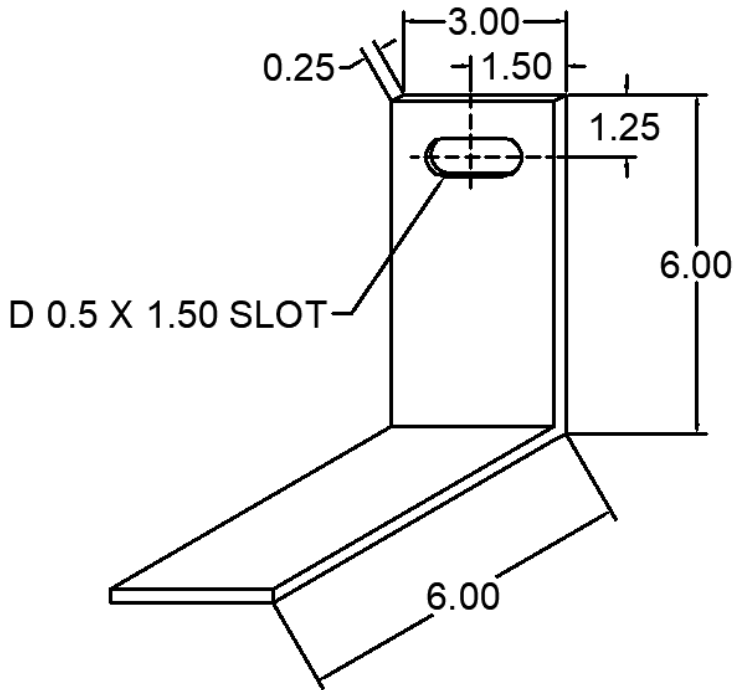
46
ANC-0404-7WC-46
WIND LOAD CLIP



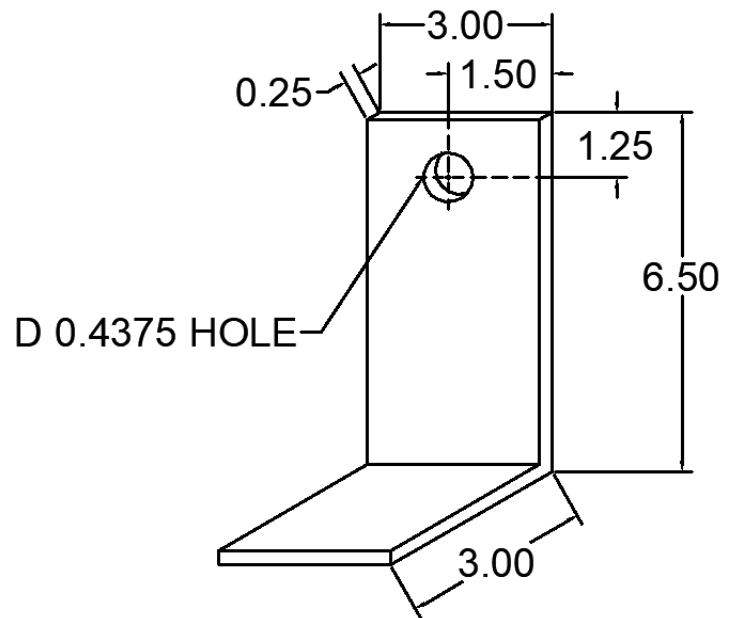
47
ANC-0307-W-47
WIND LOAD CLIP



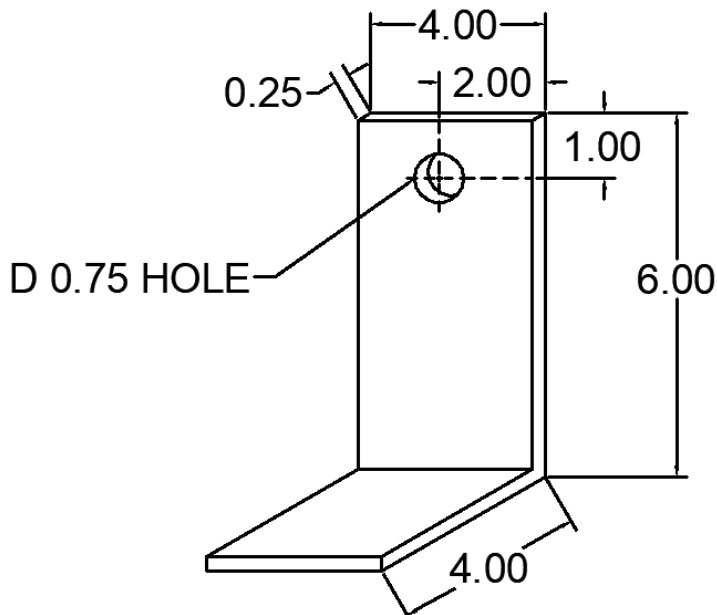
48
ANC-0306-WC-48
WIND LOAD CLIP



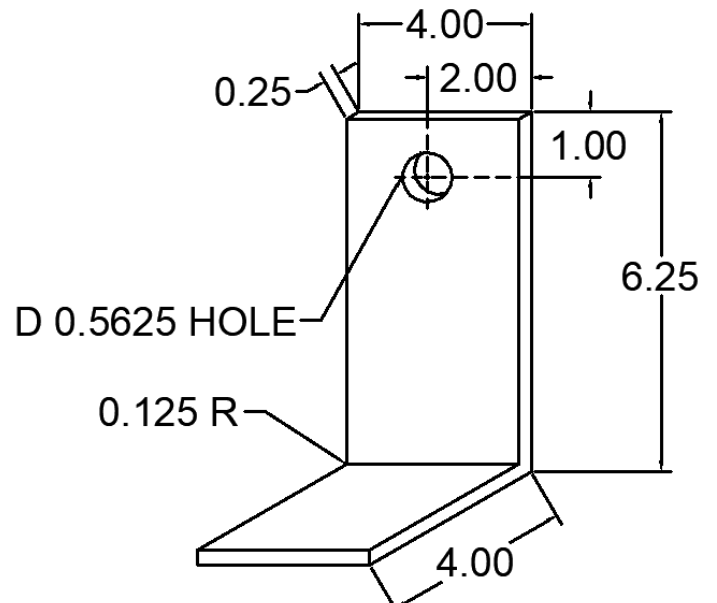
49
ANC-0306-49
WIND LOAD CLIP



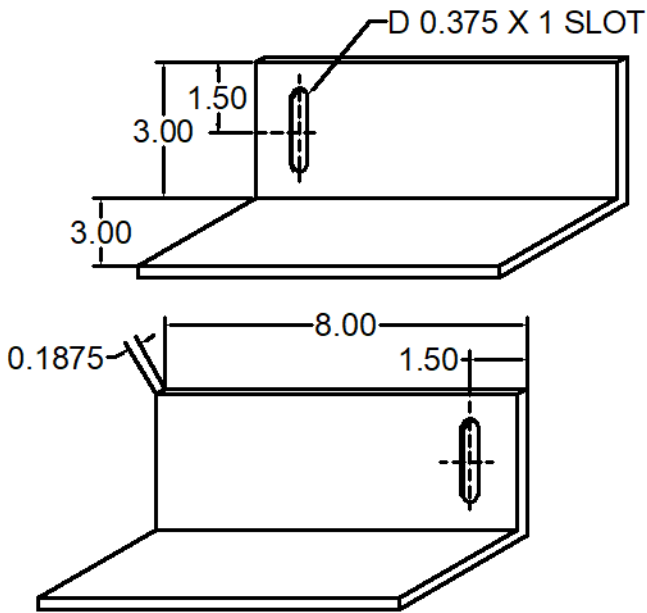
50
ANC-0306-DC-50
DEAD LOAD CLIP



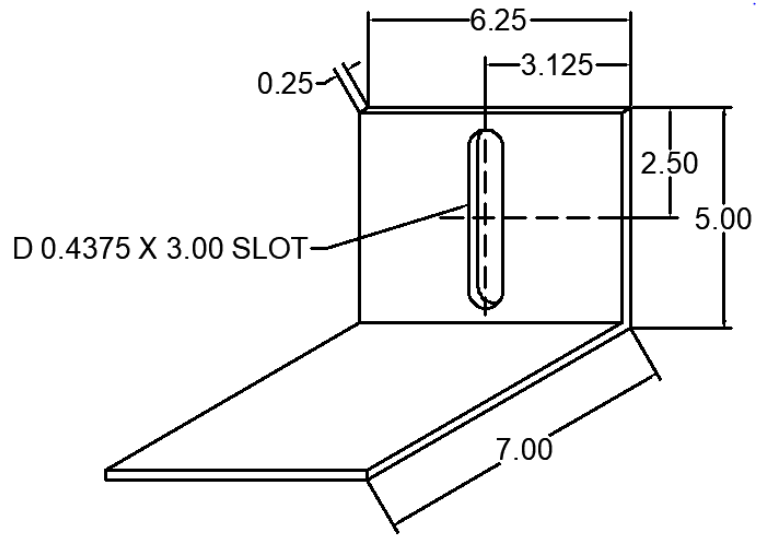
51
ANC-0604-4M-51
DEAD LOAD CLIP



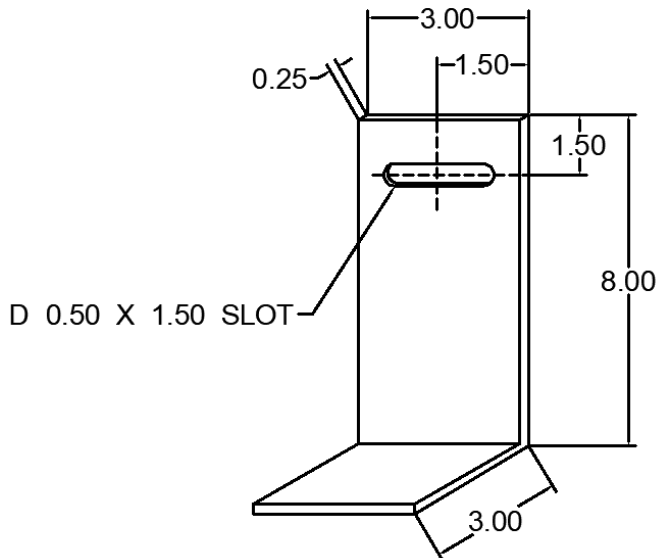
52
ANC-0406-4DL-52
DEAD LOAD CLIP



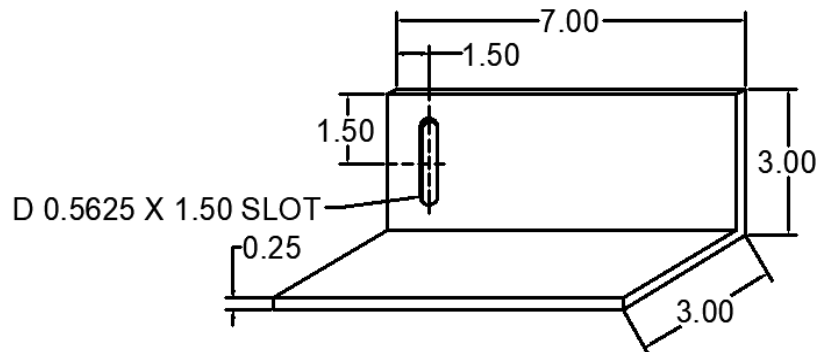
53
ANC-0303-8-53
WIND LOAD CLIP



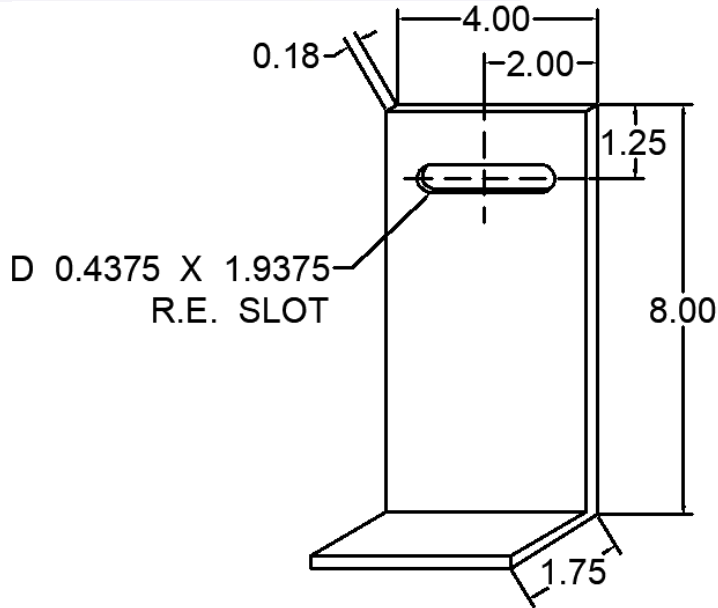
54
ANC-0705-54
WIND LOAD CLIP



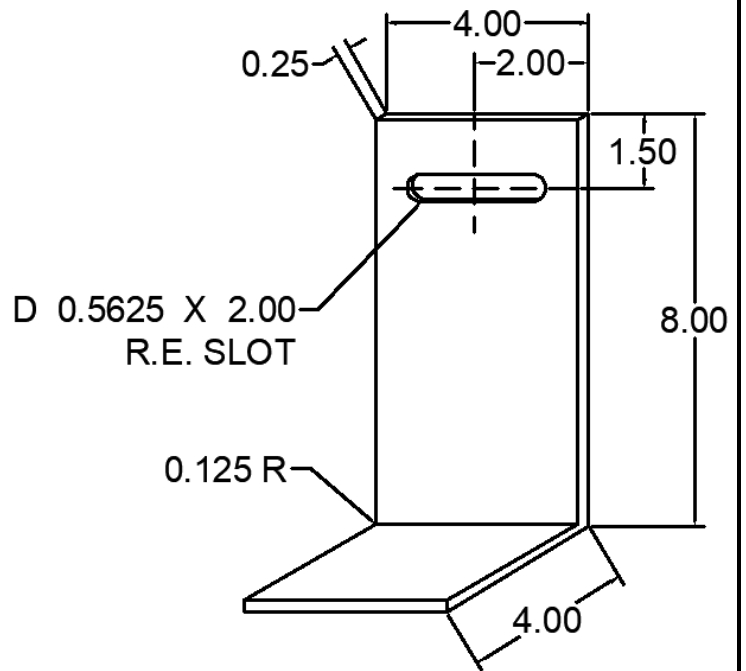
55
ANC-0308-55
WIND LOAD CLIP



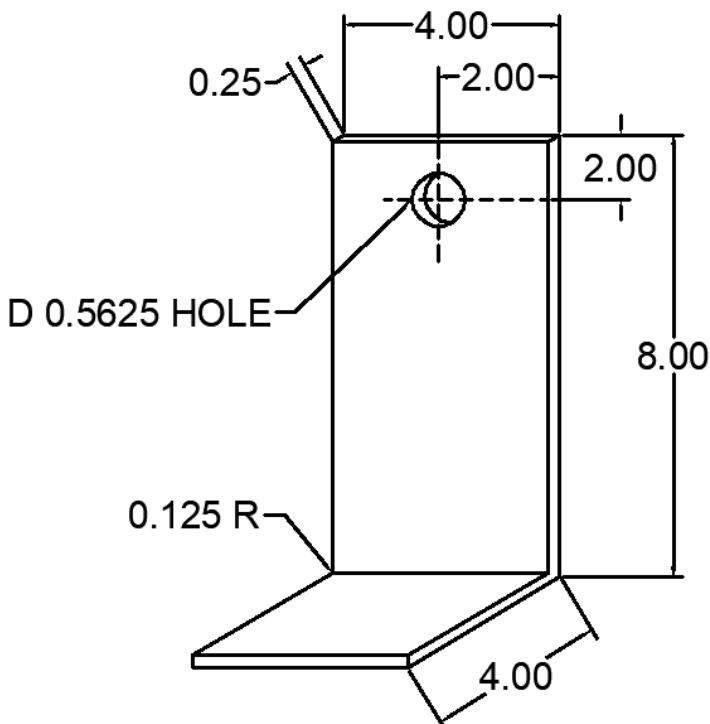
56
ANC-0307-56
WIND LOAD CLIP



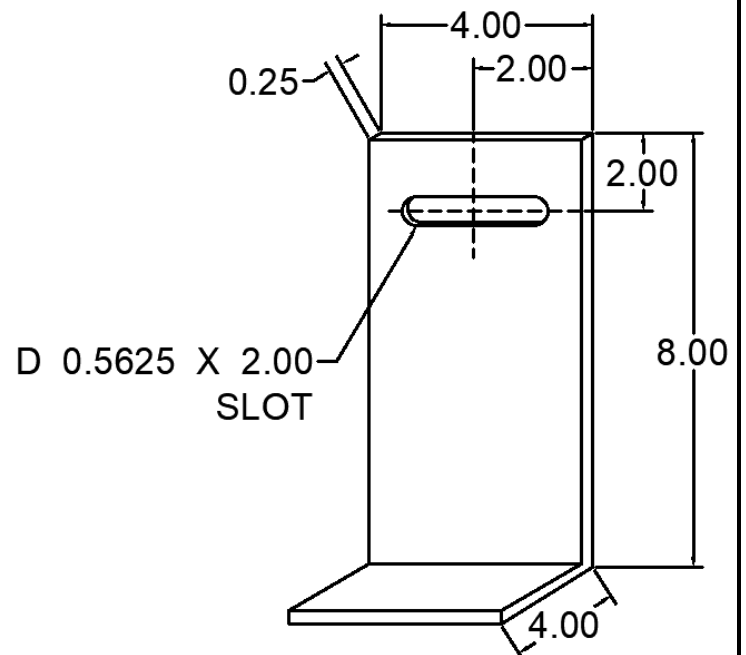
57
ANC-0408-M-57
WIND LOAD CLIP



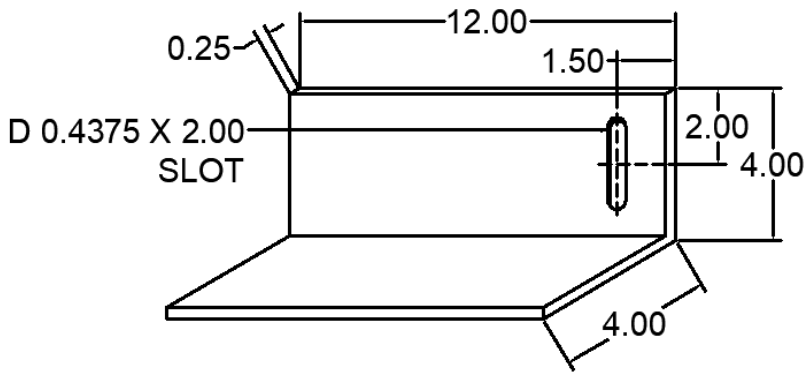
58
ANC-0408-58
WIND LOAD CLIP



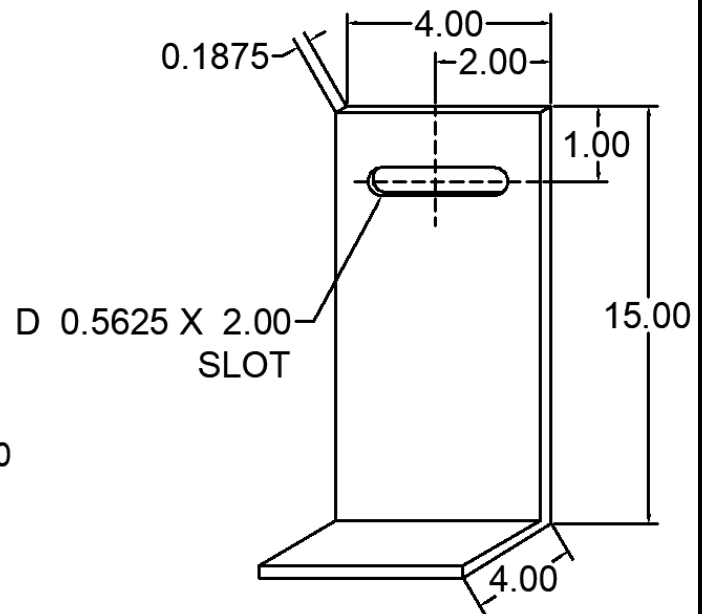
59
ANC-0404-8DL-59
DEAD LOAD CLIP



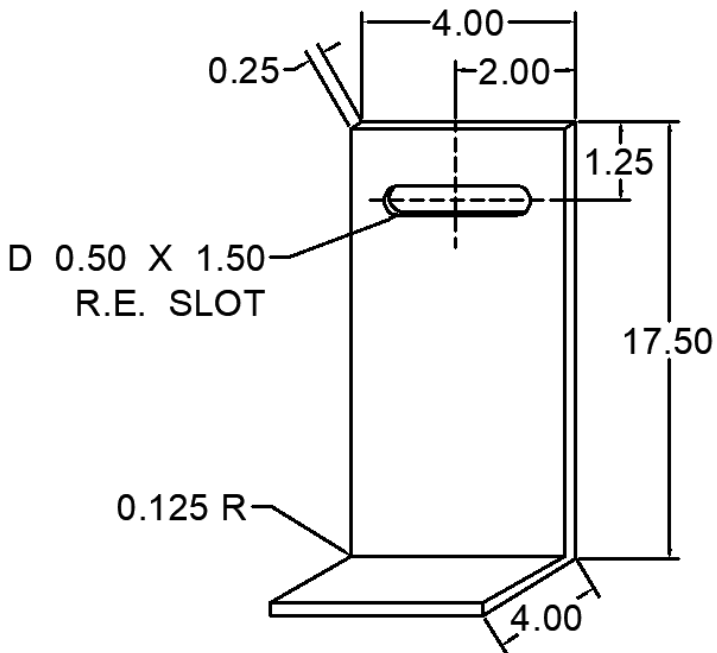
60
ANC-0404-8WL-60
WIND LOAD CLIP



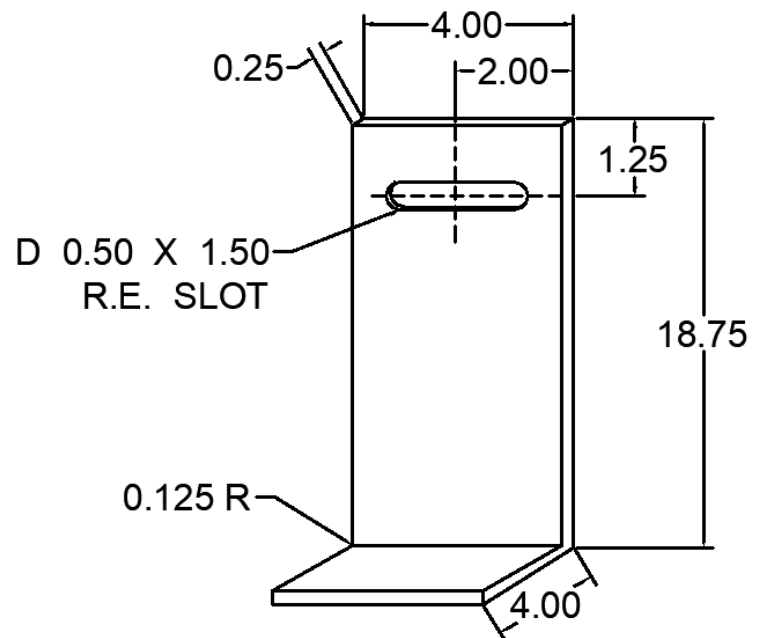
61
ANC-4412-61
WIND LOAD CLIP



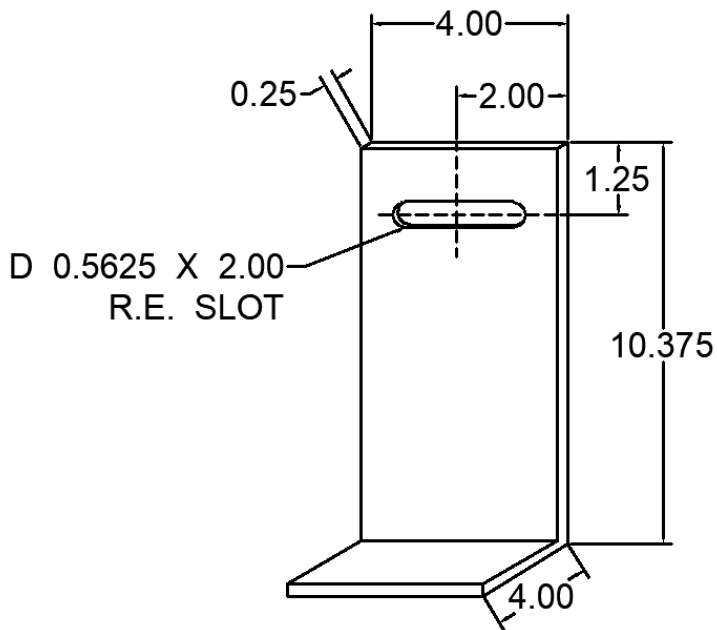
62
ANC-0415-WL-62
WIND LOAD CLIP



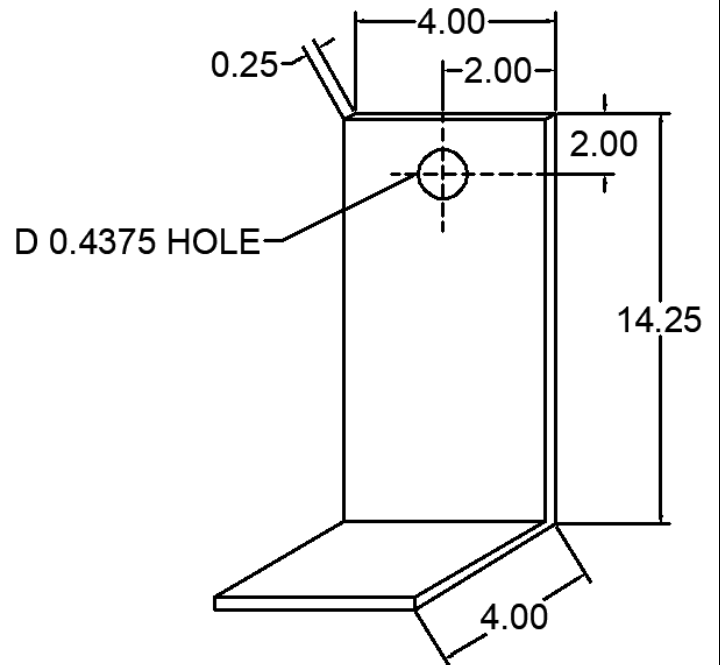
63
ANC-0404-17WC-63
WIND LOAD CLIP



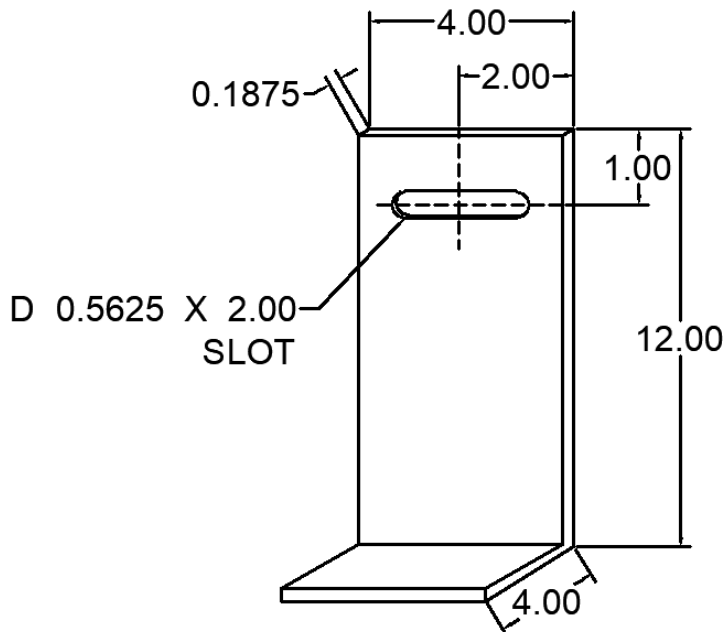
64
ANC-0404-18WC-64
WIND LOAD CLIP



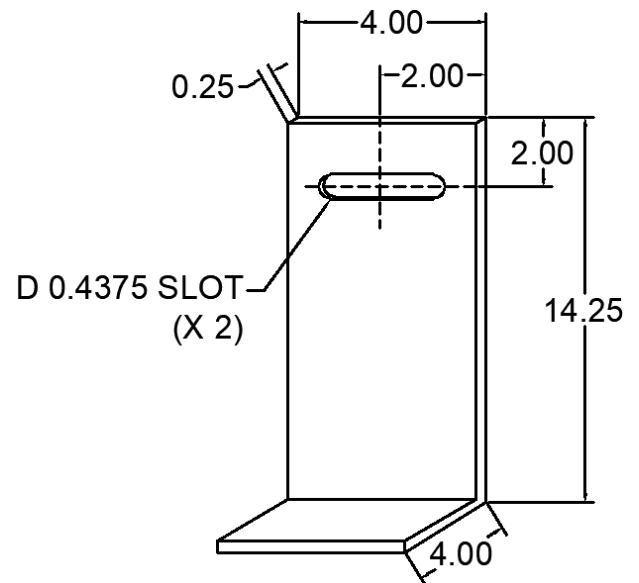
65
ANC-0410-WA-65
WIND LOAD CLIP



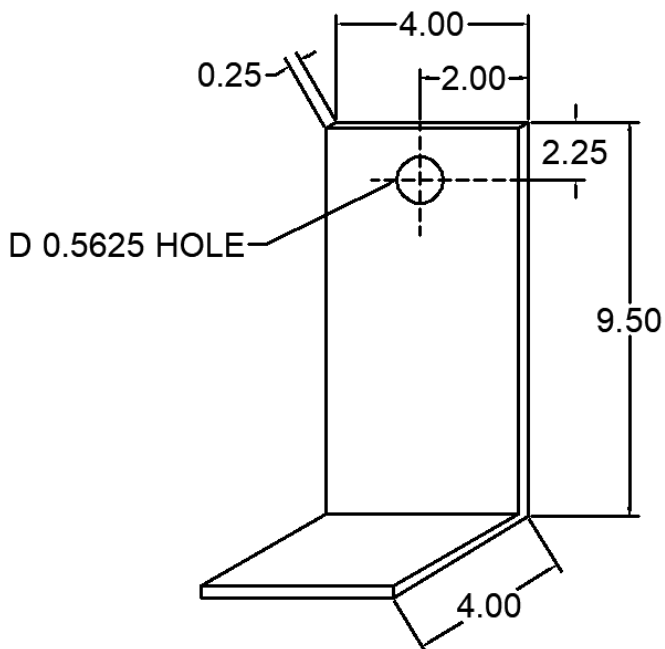
66
ANC-4144-1-10-66
DEAD LOAD CLIP



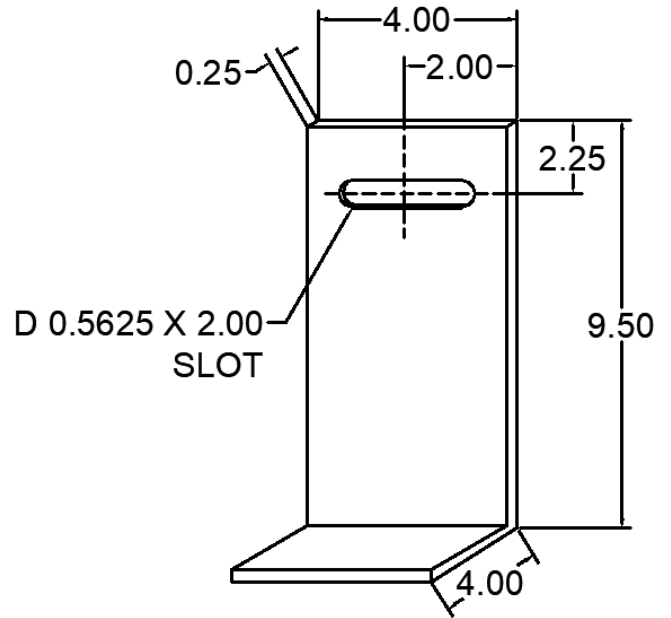
67
ANC-0412-WL-67
WIND LOAD CLIP



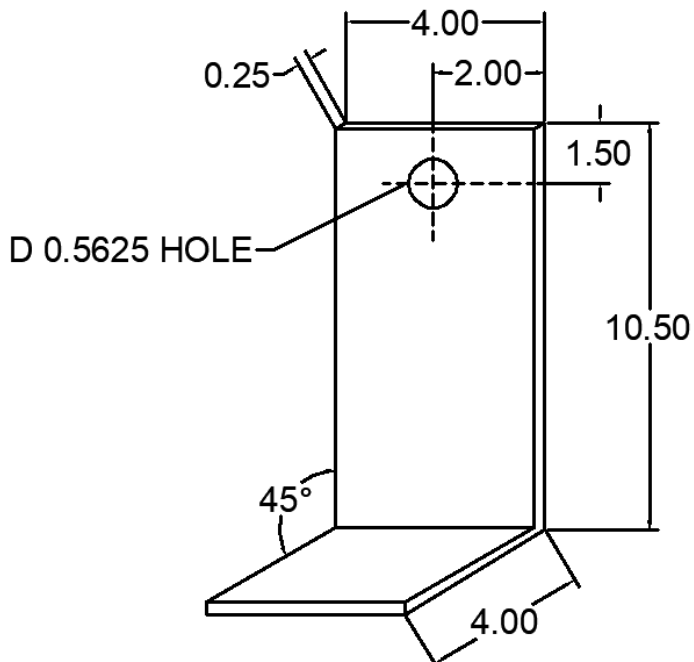
68
ANC-4144-SL-68
WIND LOAD CLIP



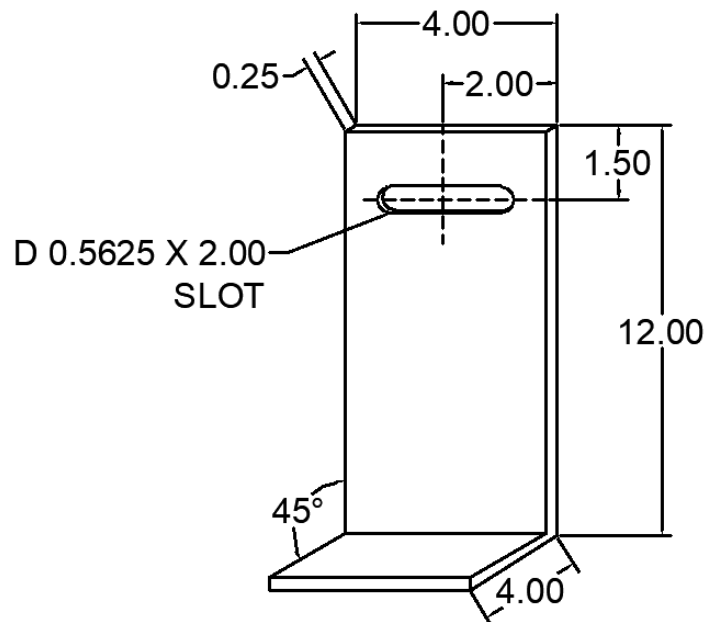
69
ANC-0404-9DL-69
DEAD LOAD CLIP



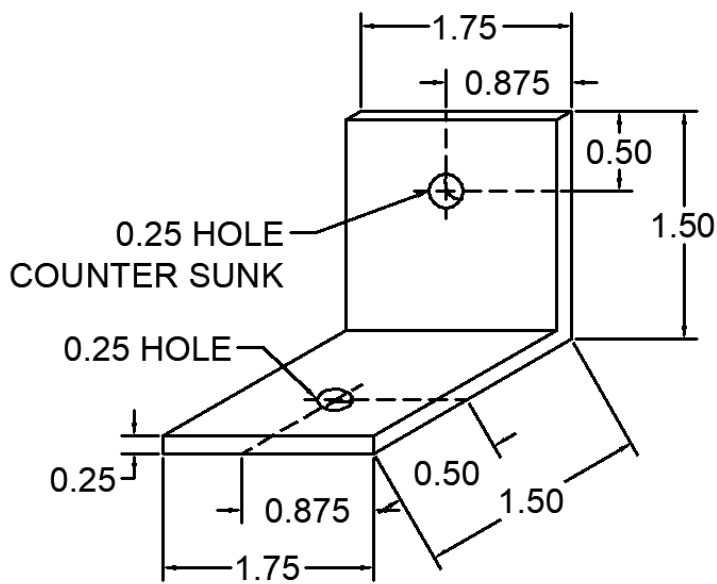
70
ANC-0404-9WCM-70
WIND LOAD CLIP



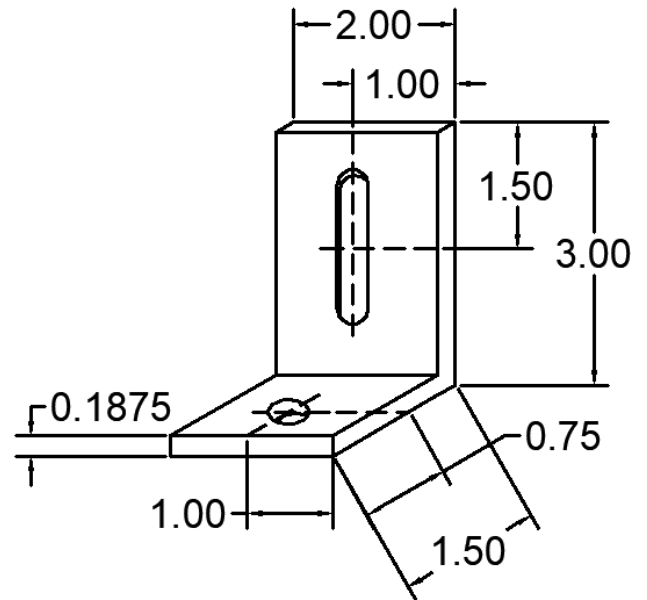
71
ANC-0404-12DL-71
DEAD LOAD CLIP



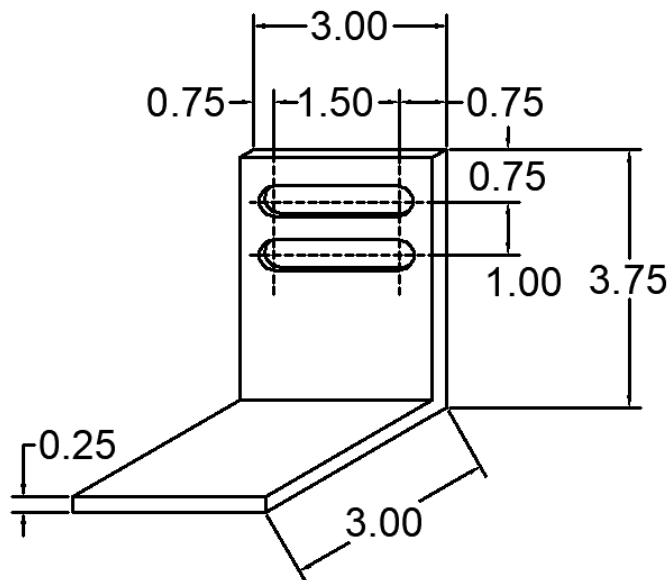
72
ANC-0404-12WL-72
WIND LOAD CLIP



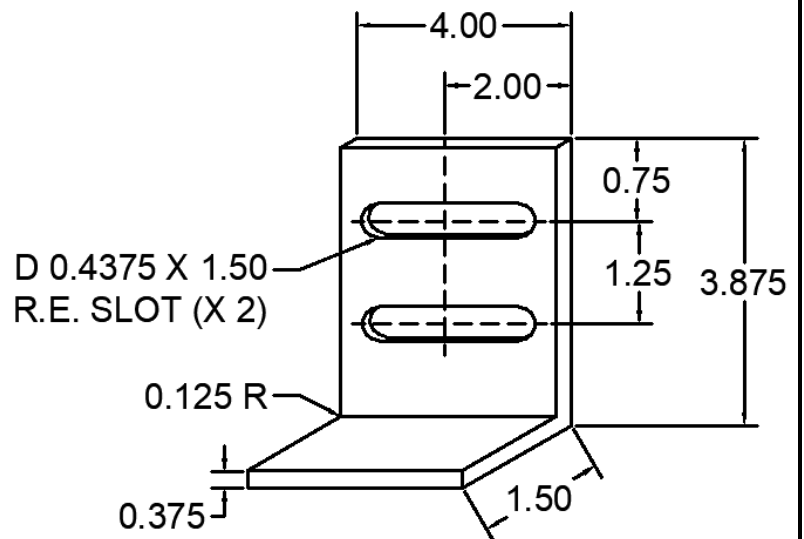
73
ANC-15175-73
DEAD LOAD CLIP



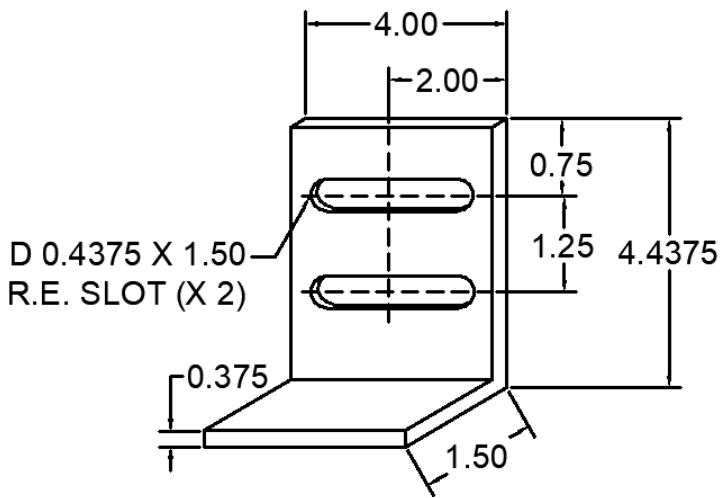
74
ANC-0302-M-74
WIND LOAD CLIP



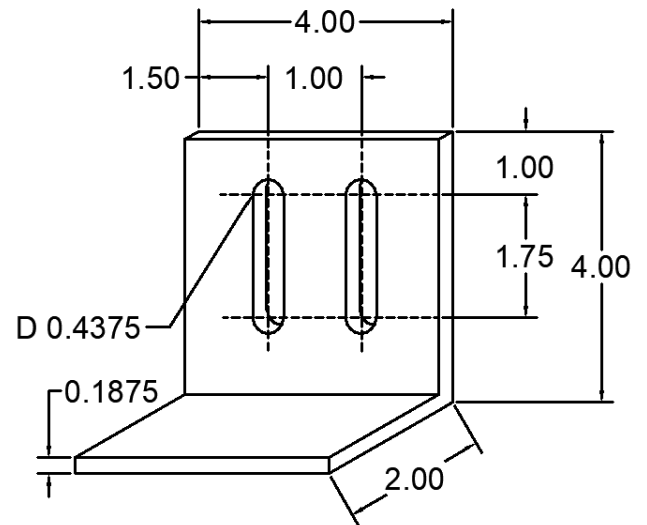
75
ANC-0375-3-75
WIND LOAD CLIP



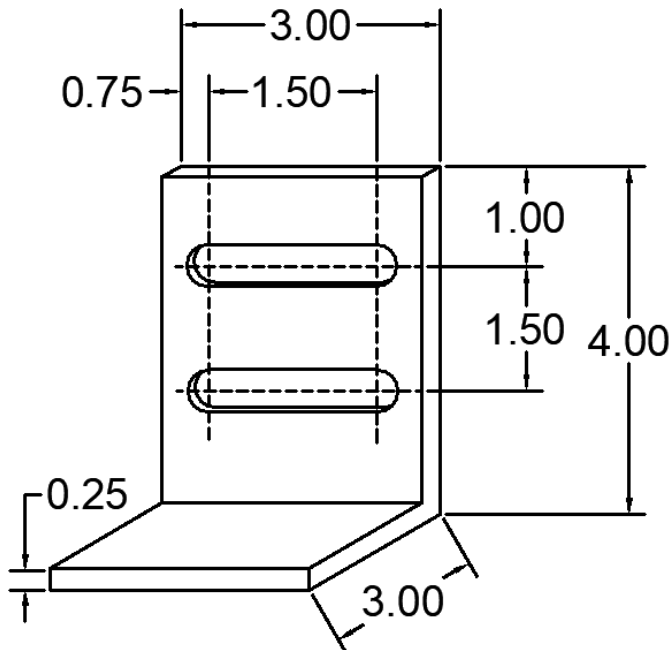
76
ANC-3815-76
WIND LOAD CLIP



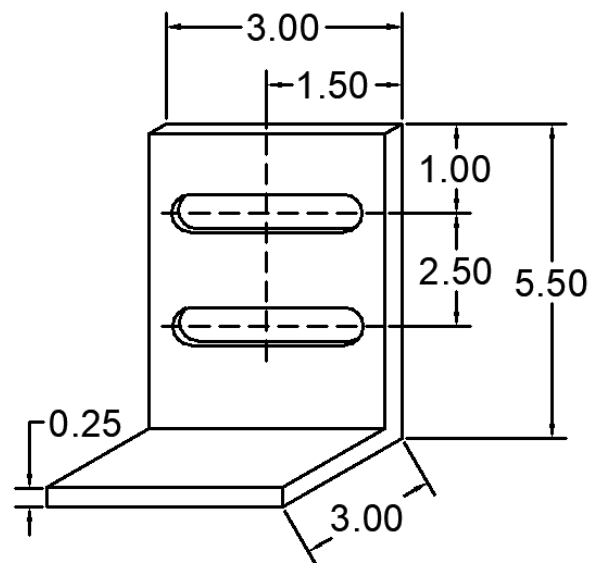
77
ANC-4715-77
WIND LOAD CLIP



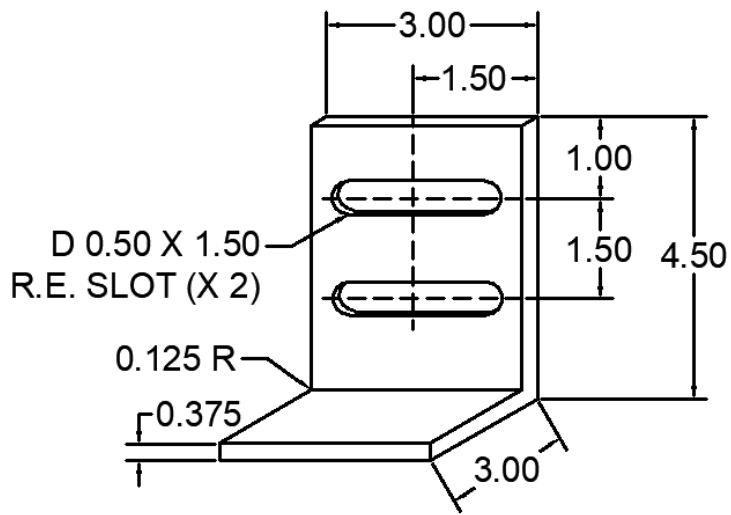
78
ANC-0404-2-78
WIND LOAD CLIP



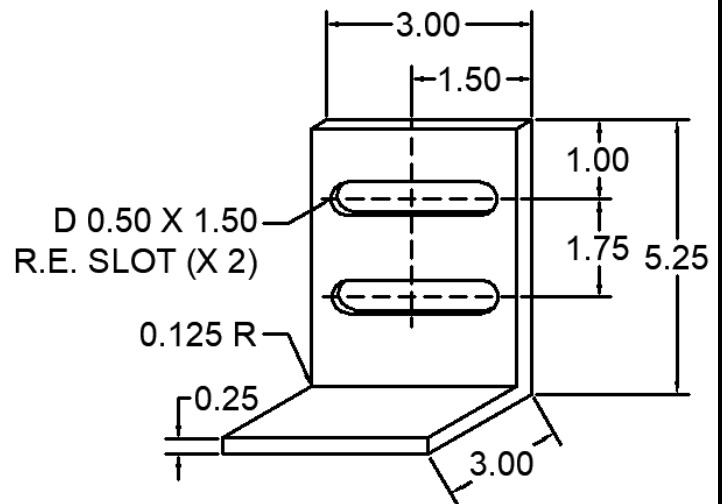
79
BMM-0000-M-79
WIND LOAD CLIP



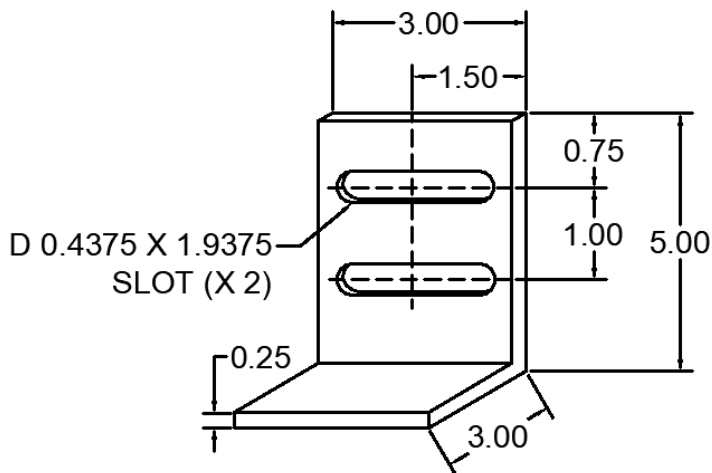
80
ANC-0305-80
WIND LOAD CLIP



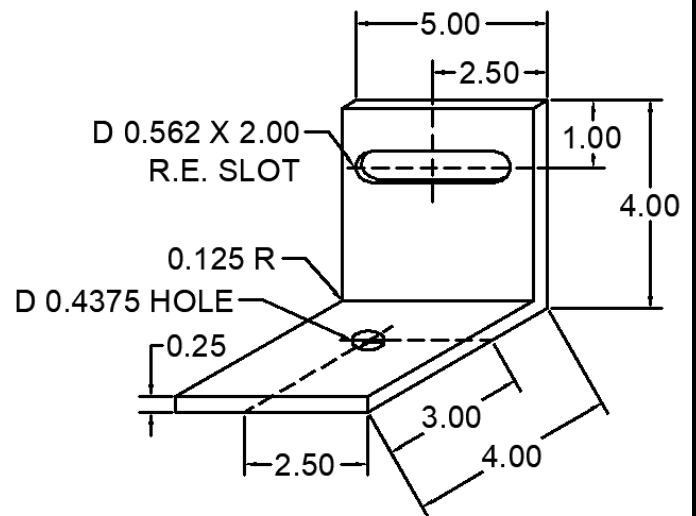
81
ANC-0304-M-81
WIND LOAD CLIP



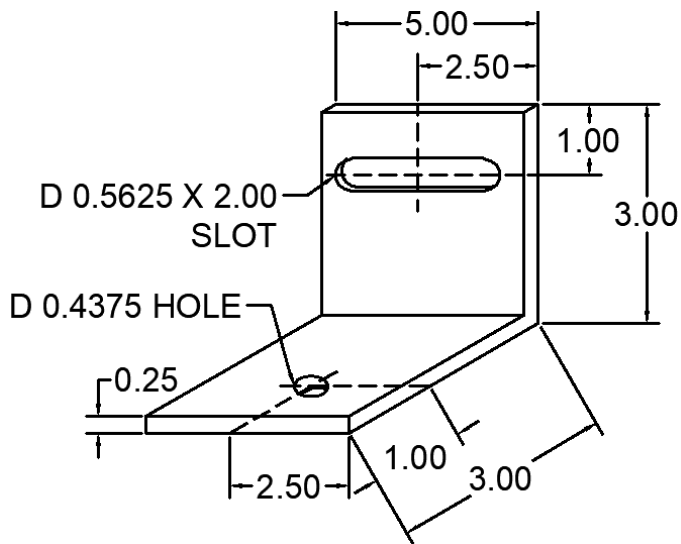
82
ANC-0304-WM-82
WIND LOAD CLIP



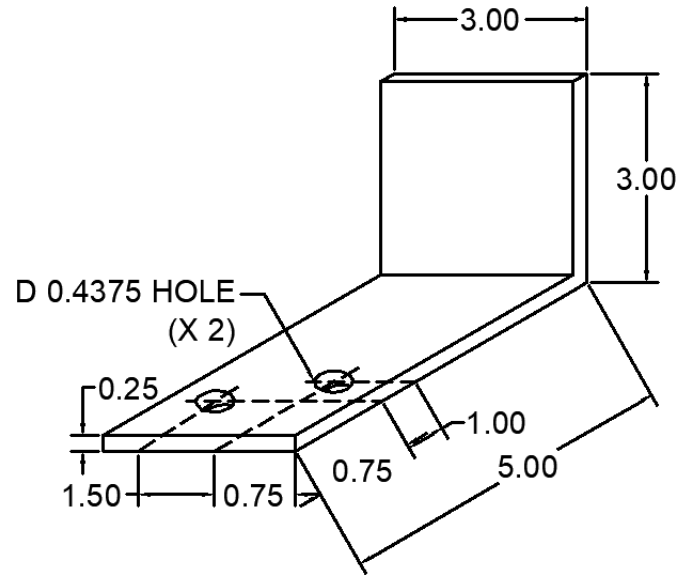
83
ANC-0303-5M-83
WIND LOAD CLIP



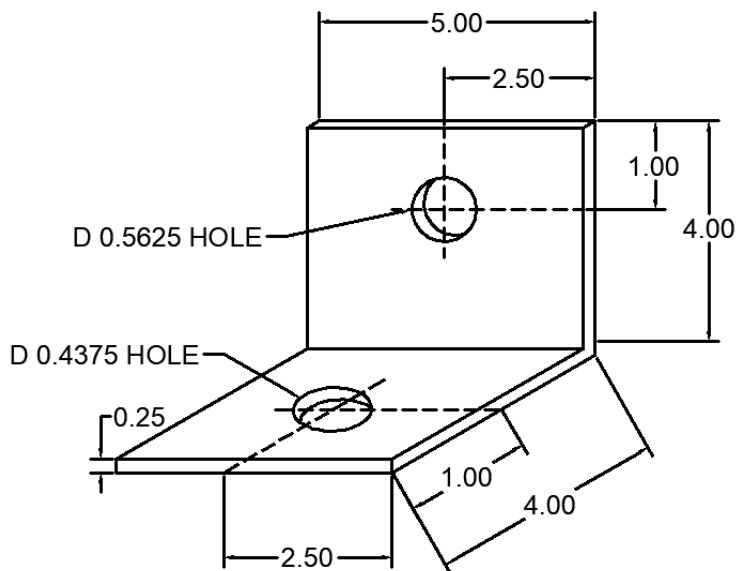
84
ANC-0404-WC-84
WIND LOAD CLIP



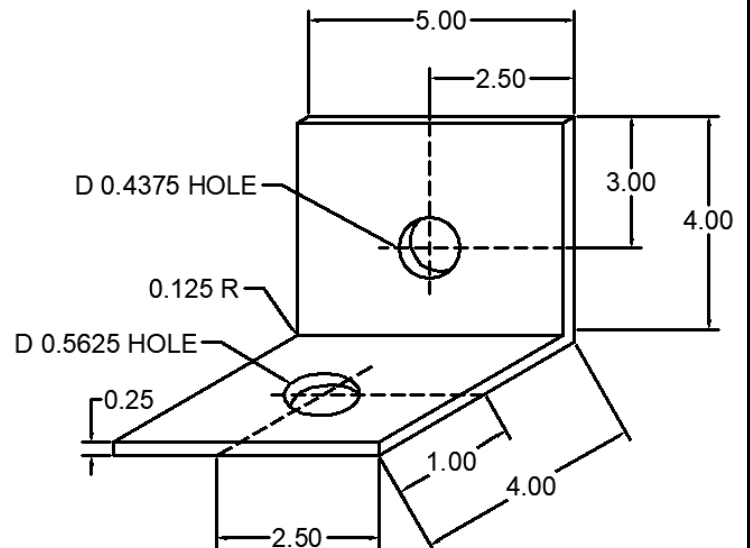
85
ANC-0404-WG-85
WIND LOAD CLIP



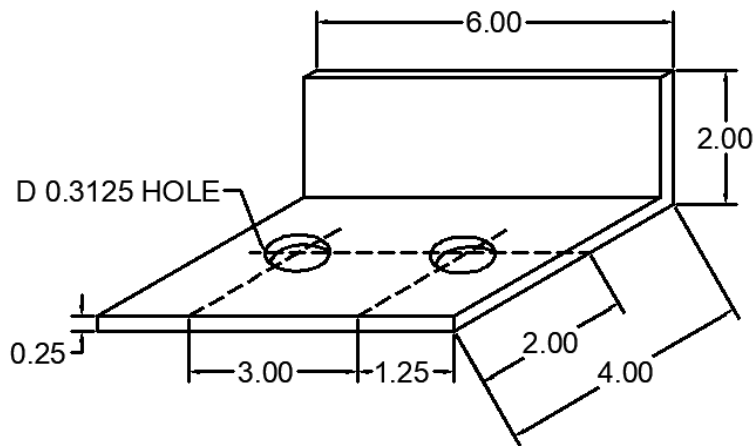
86
ANC-0303-5-86
DEAD LOAD CLIP



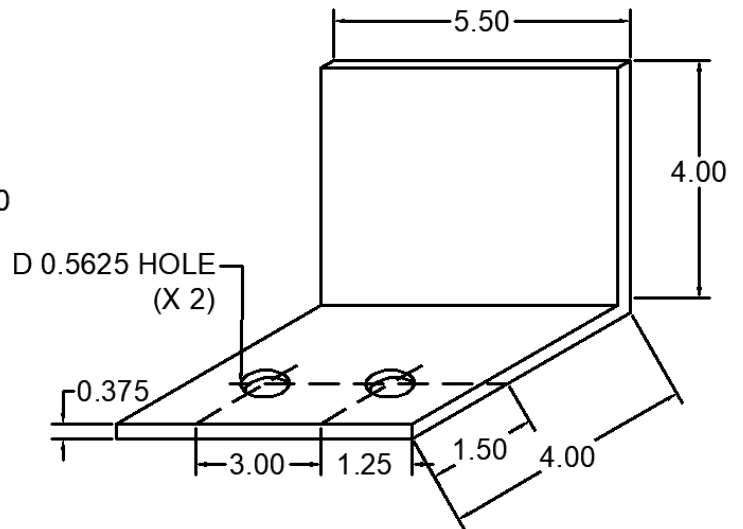
87
ANC-0404-G-87
DEAD LOAD CLIP



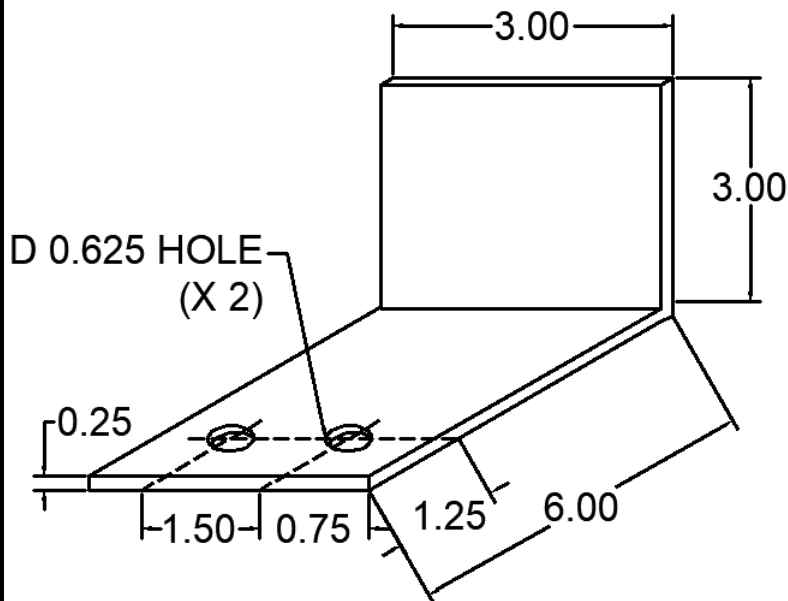
88
ANC-0404-DC-88
DEAD LOAD CLIP



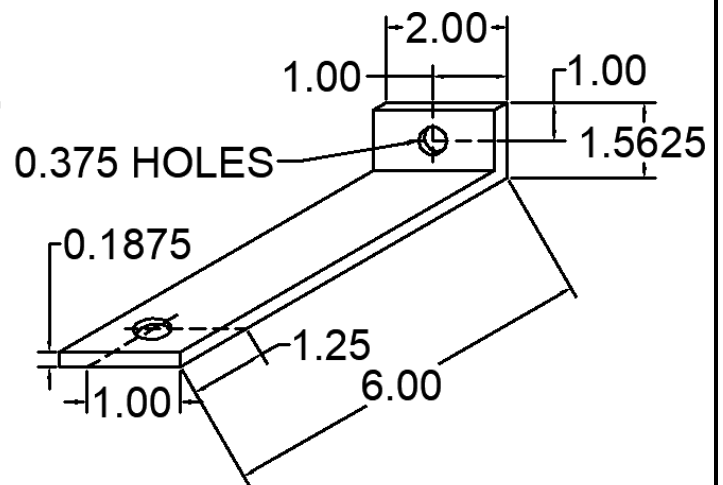
89
ANC-0204-6-89
DEAD LOAD CLIP



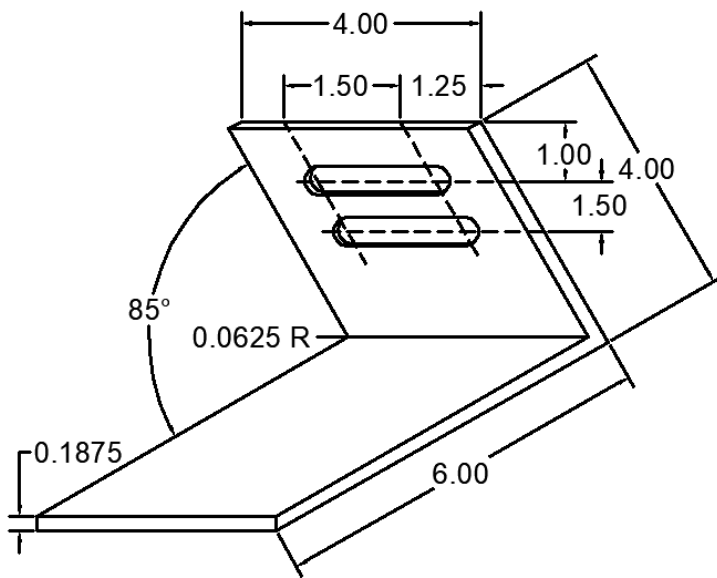
90
ANC-0404-5-90
DEAD LOAD CLIP



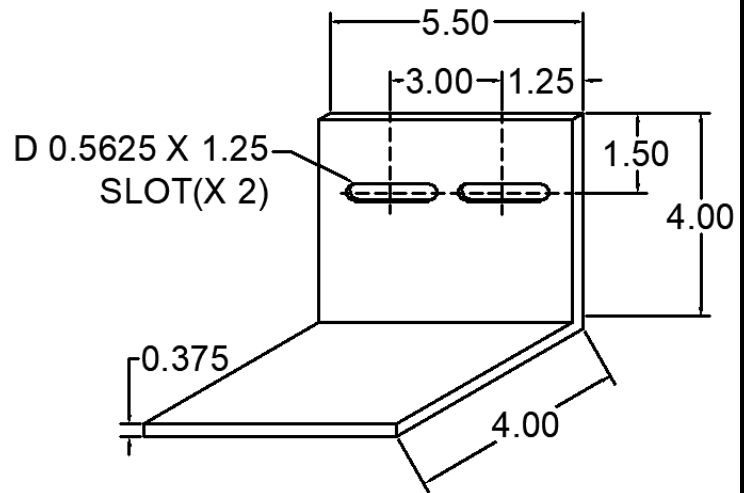
91
ANC-0604-C-93
DEAD LOAD CLIP



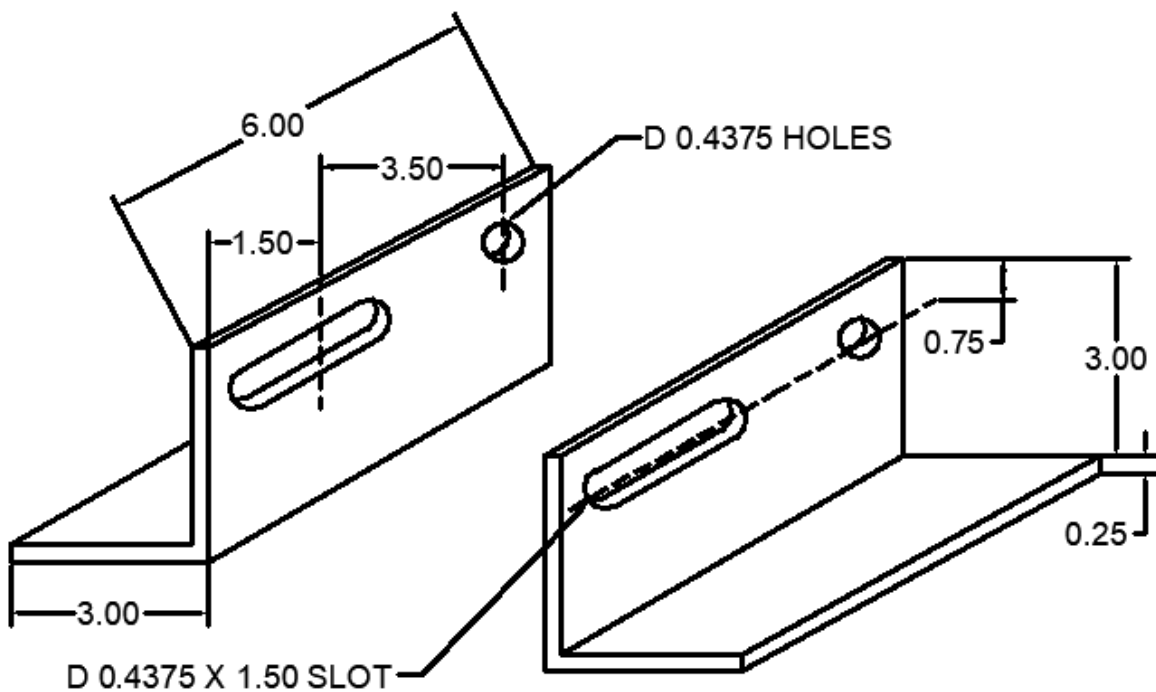
92
ANC-1602-M-92
DEAD LOAD CLIP



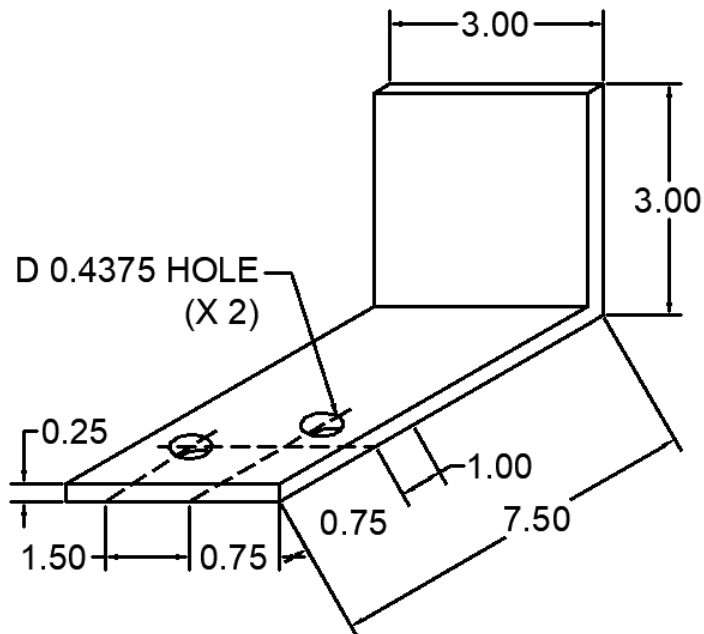
93
ANC-0604-C-93
WIND LOAD CLIP



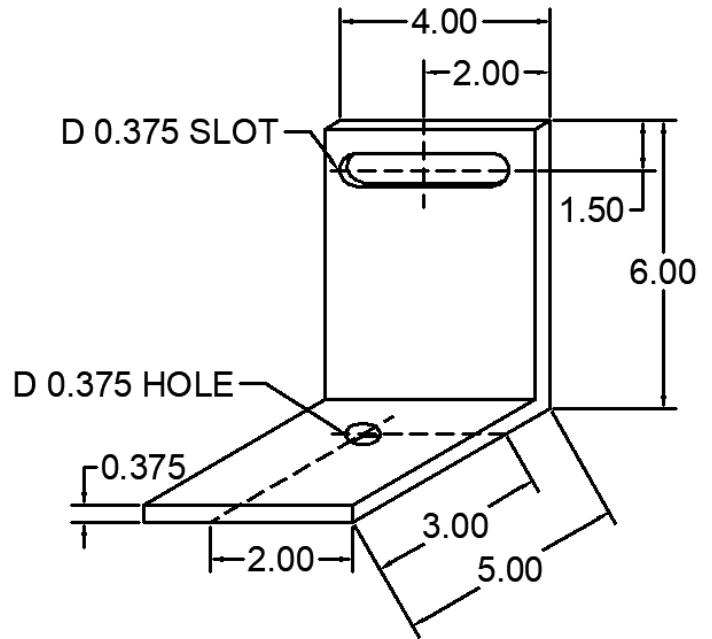
94
ANC-0405-5M-94
WIND LOAD CLIP



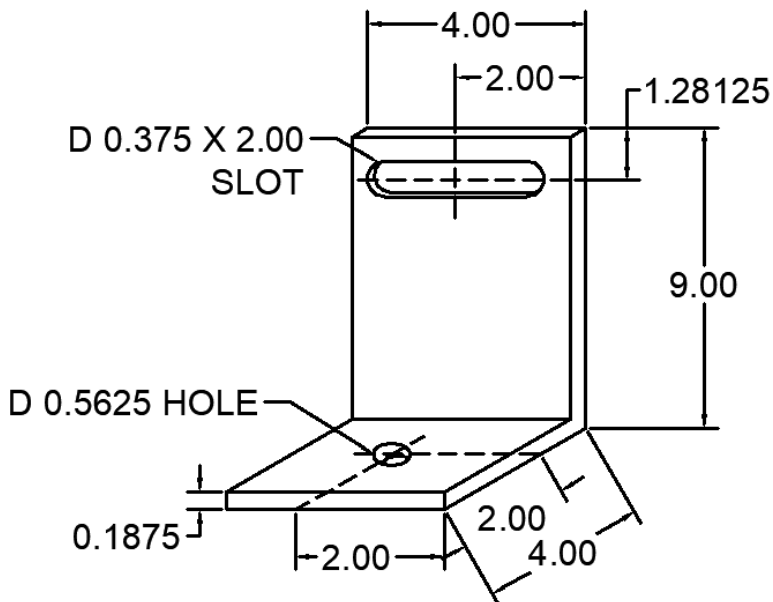
95
ANC-0303-6M-95
Entry Frame Jumbuck



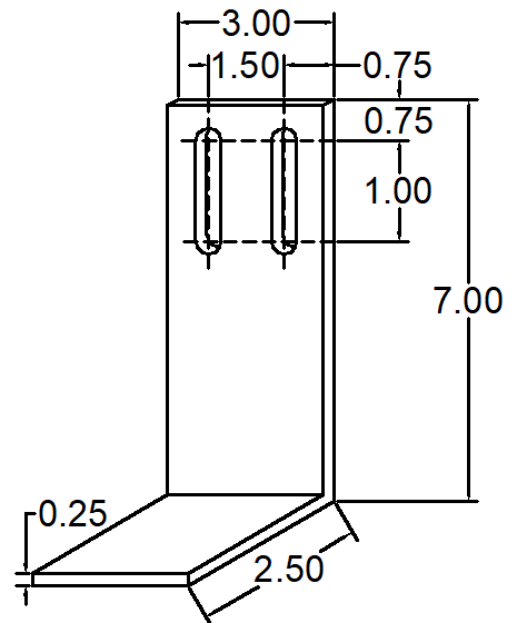
96
ANC-0307-7M-96
DEAD LOAD CLIP



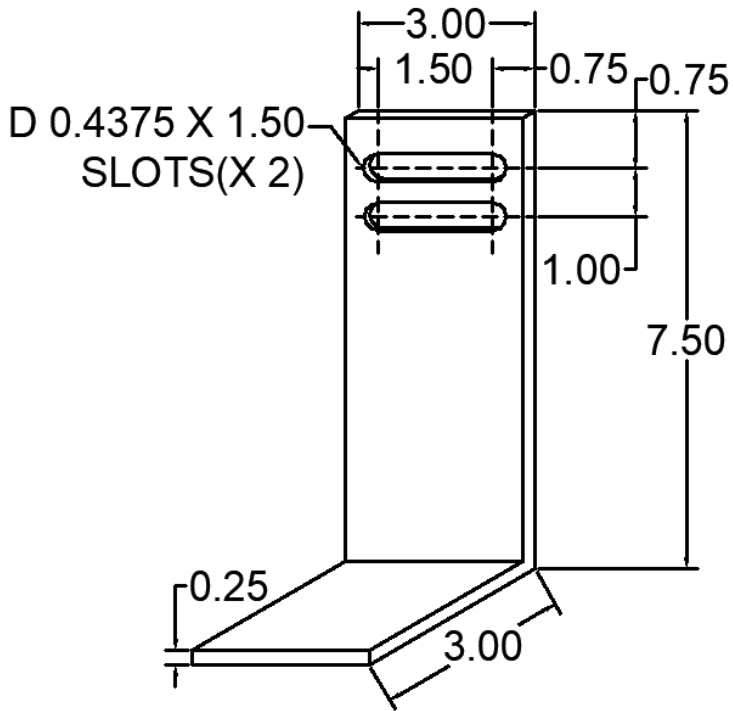
97
ANC-0506-CW-97
WIND LOAD CLIP



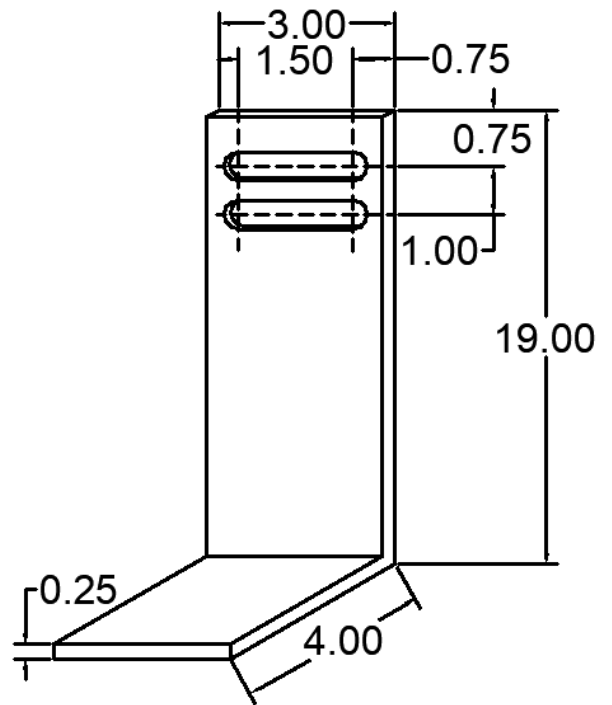
98
ANC-0904-4-98
WIND LOAD CLIP



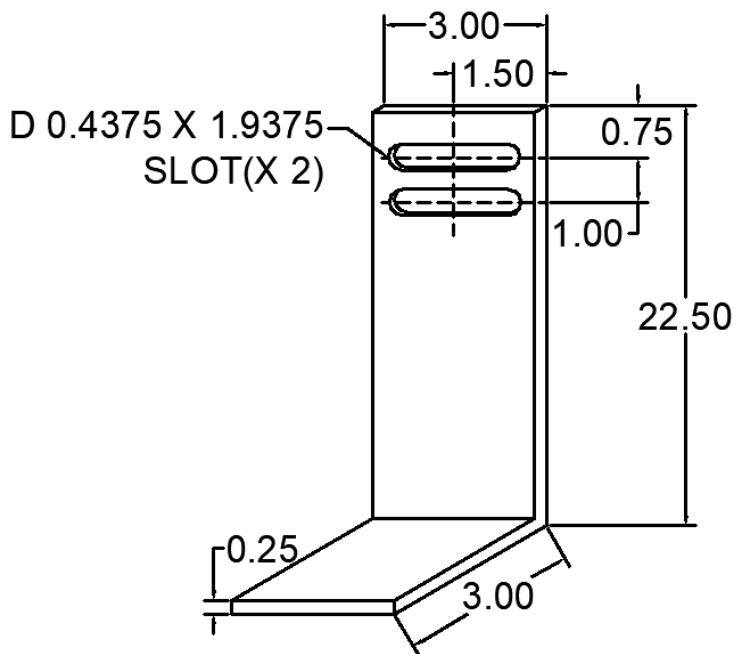
99
ANC-0703-99
WIND LOAD CLIP



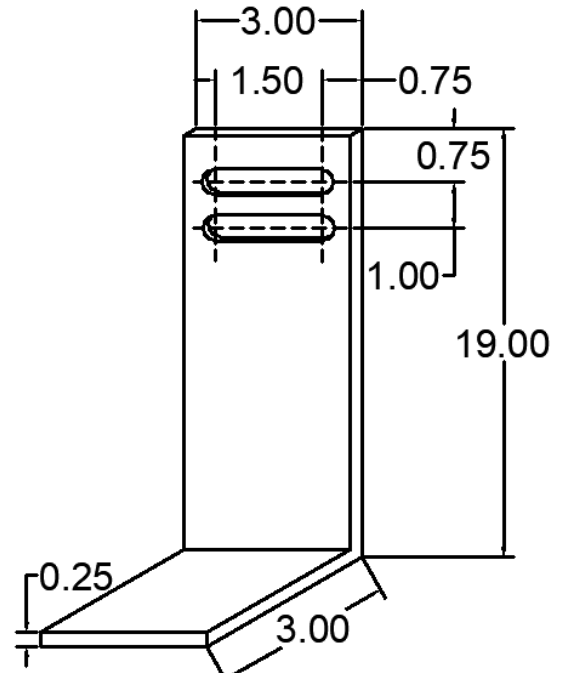
100
ANC-0307-M-100
WIND LOAD CLIP



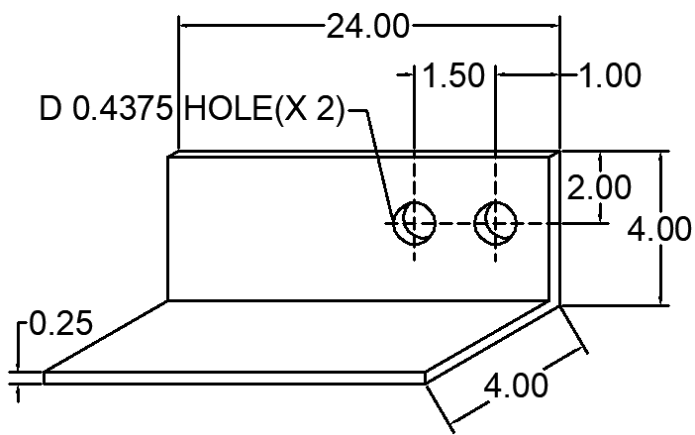
101
ANC-0304-19-101
WIND LOAD CLIP



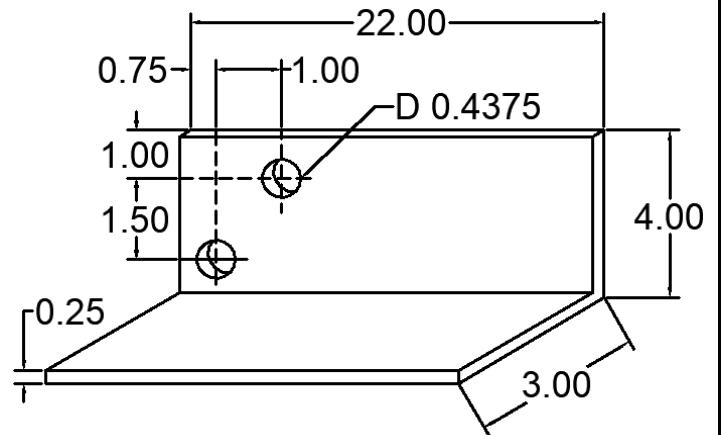
102
ANC-0303-22-102
WIND LOAD CLIP



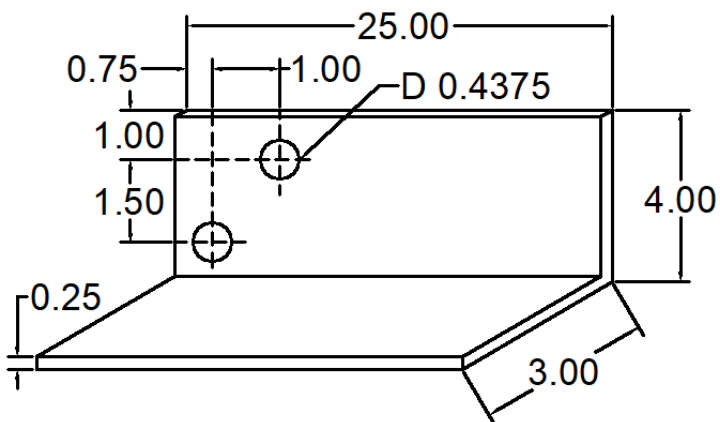
103
ANC-0303-19-103
WIND LOAD CLIP



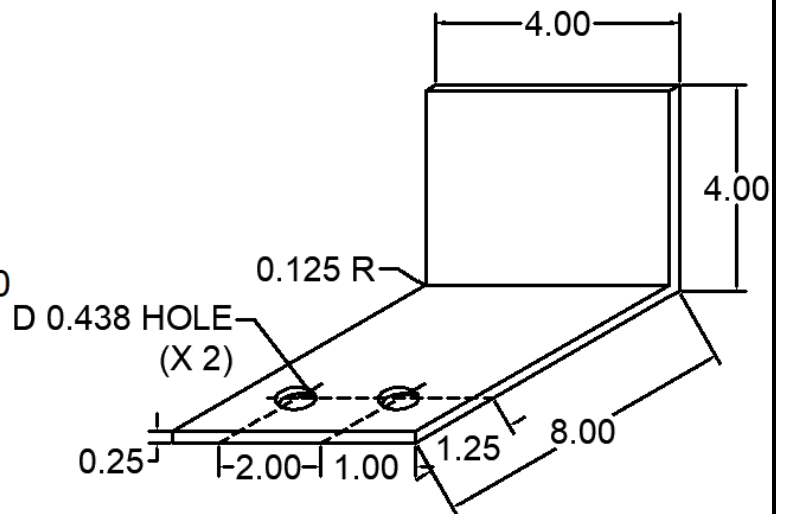
104
ANC-0424-104
DEAD LOAD CLIP



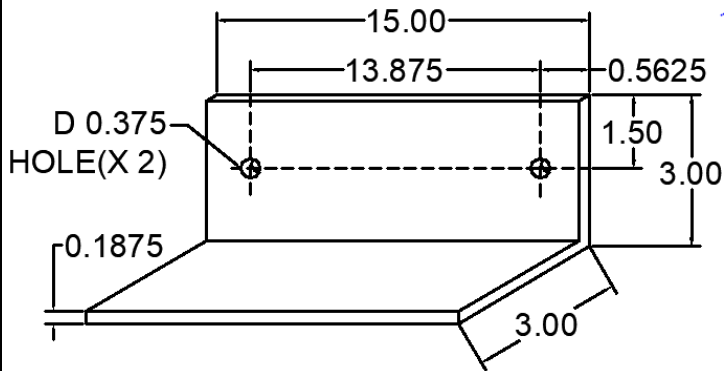
105
ANC-0403-22-105
DEAD LOAD CLIP



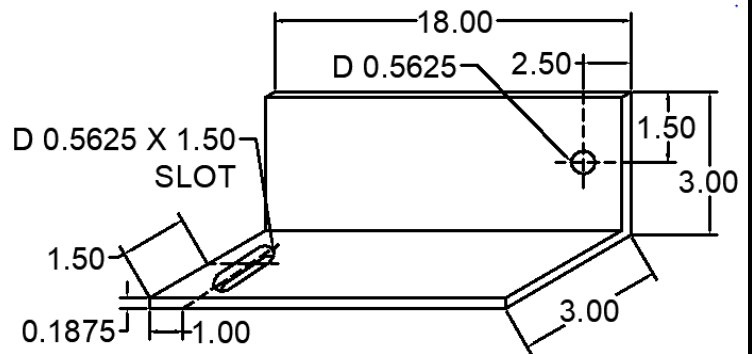
106
ANC-0403-25-106
DEAD LOAD CLIP



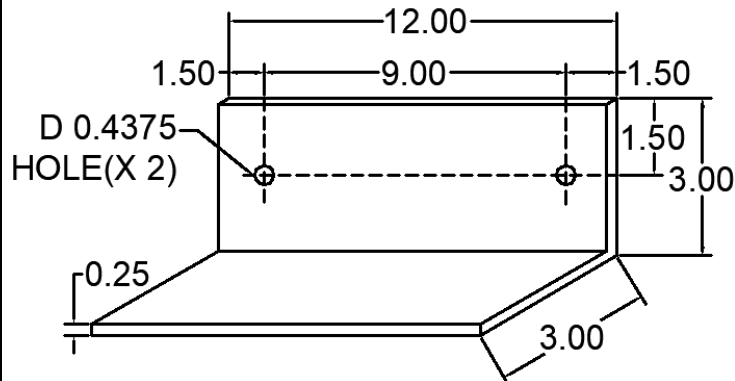
107
ANC-0408-4M-107
DEAD LOAD CLIP



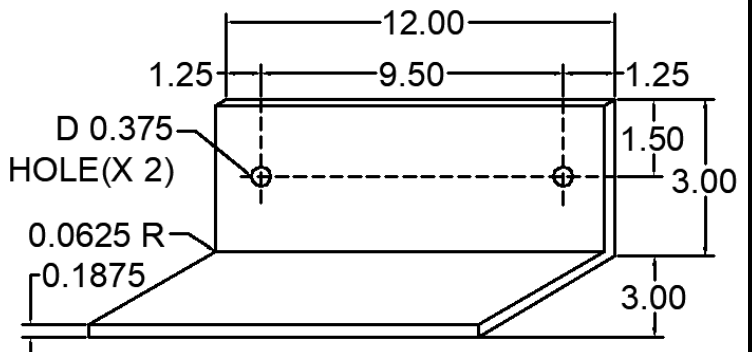
108
ANC-0303-15-108
FLOOR ANCHOR



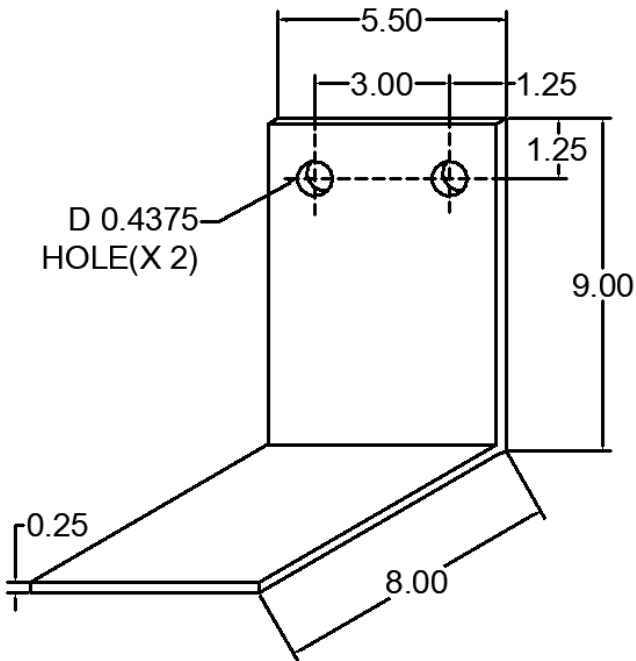
109
ANC-0303-18(LH/RH)-109
WIND LOAD ANCHOR



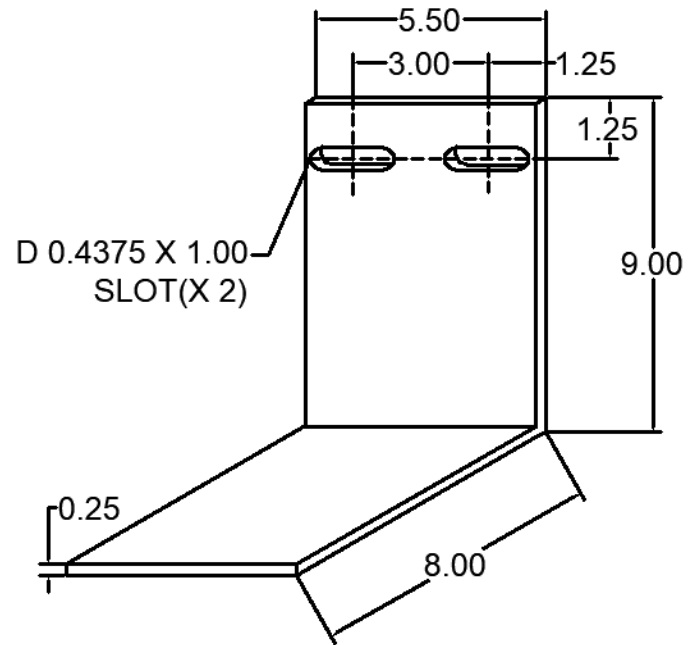
110
ANC-0312-110
FLOOR ANCHOR



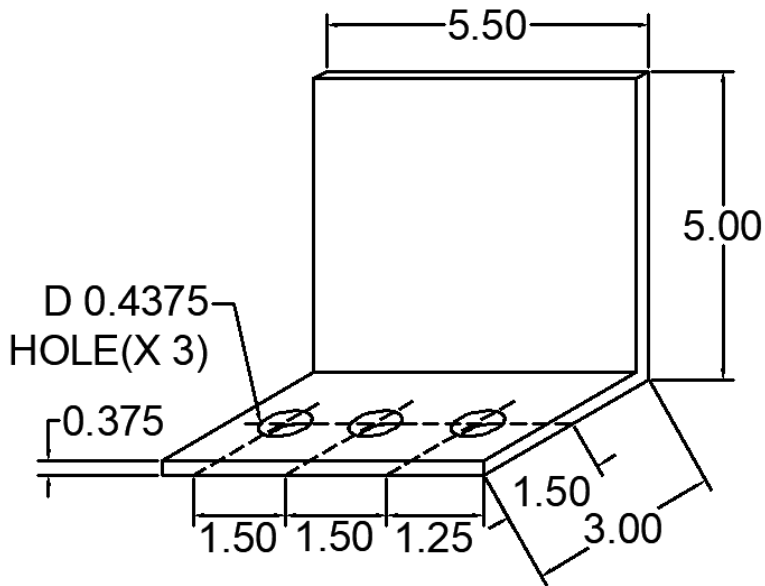
111
ANC-0303-12-111
FLOOR ANCHOR



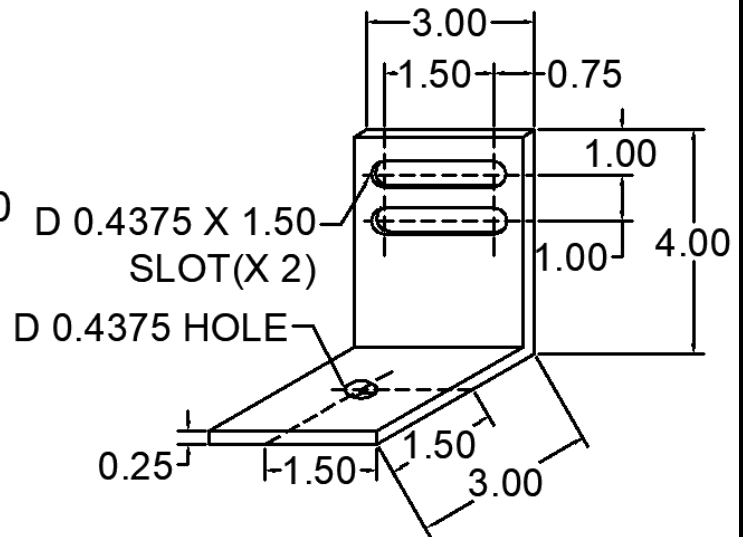
112
ANC-0809-5-112
DEAD LOAD CLIP



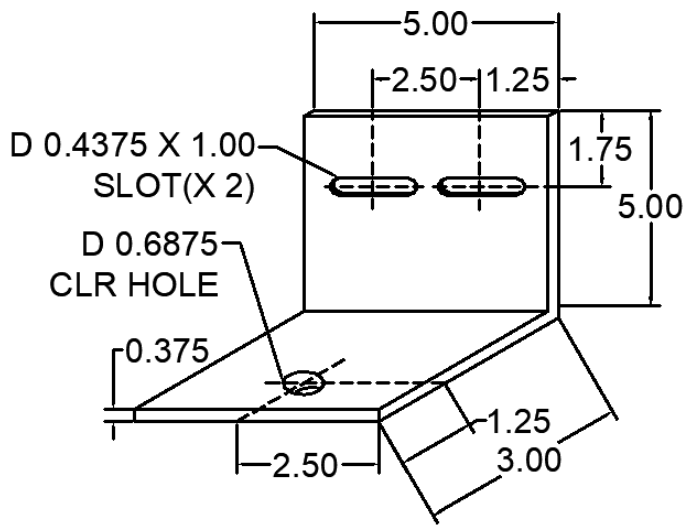
113
ANC-0809-55-113
WIND LOAD CLIP



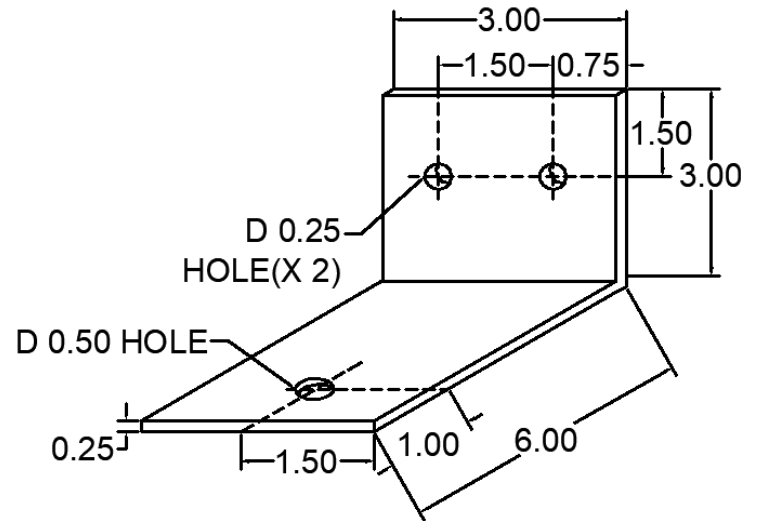
114
ANC-0305-5-114
DEAD LOAD CLIP



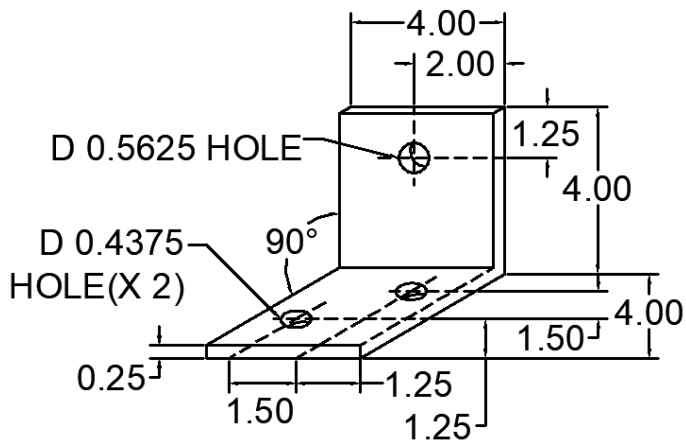
115
ANC-0304-W-115
WIND LOAD CLIP



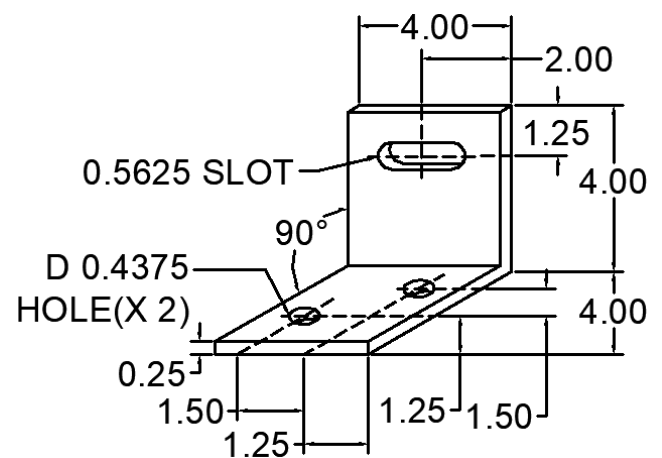
116
ANC-0001-116
WIND LOAD CLIP



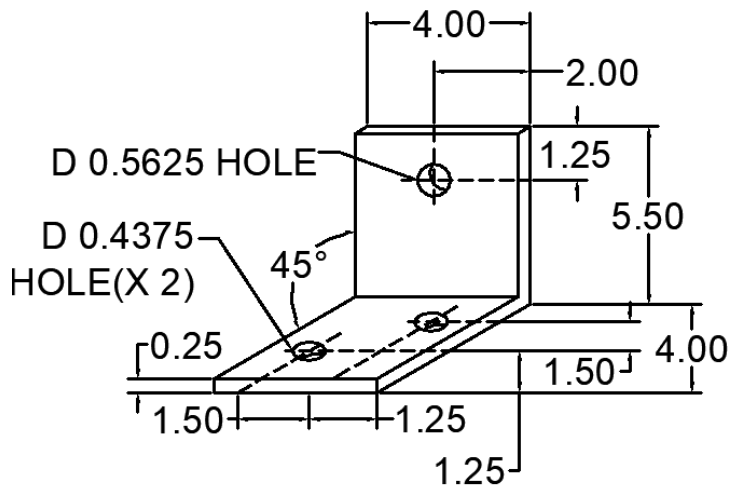
117
ANC-0306-117
DEAD LOAD CLIP



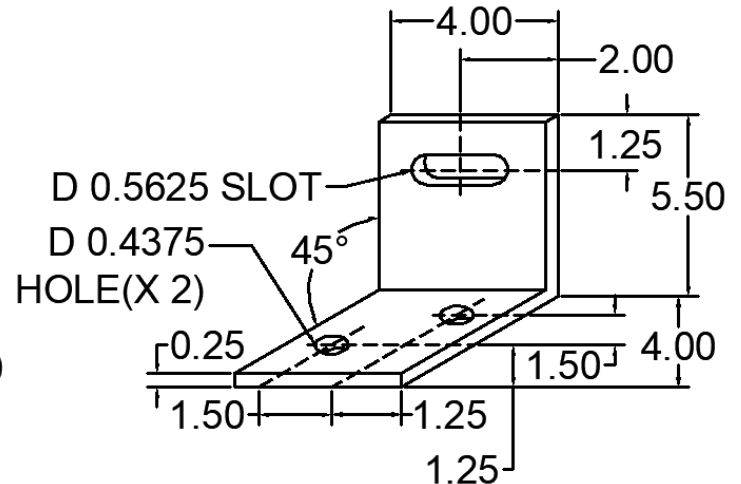
118
ANC-0404-4DL-118
DEAD LOAD CLIP



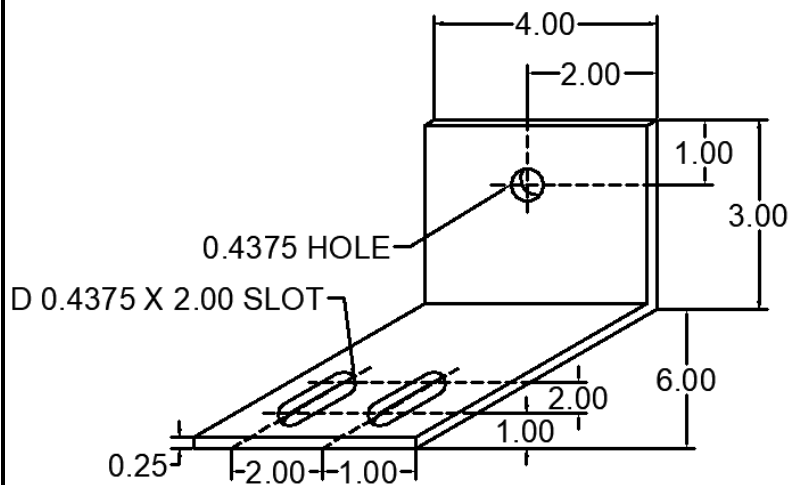
119
ANC-0404-4WL-119
WIND LOAD CLIP



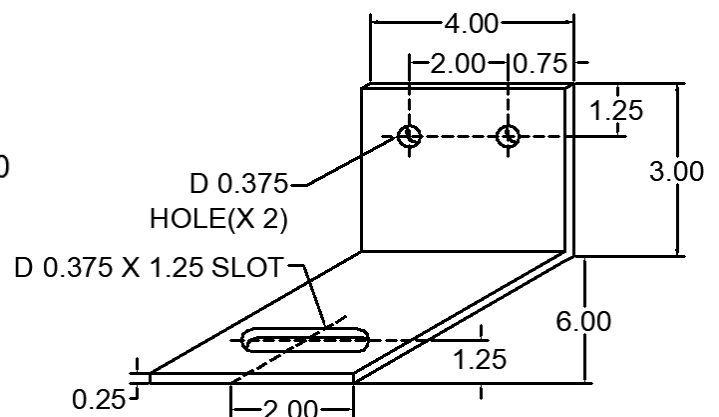
120
ANC-0405-4DL-120
DEAD LOAD CLIP



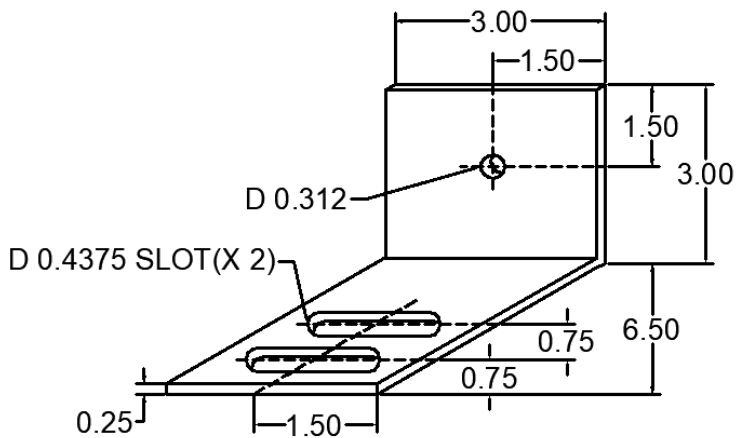
121
ANC-0405-4WL-121
45° DEGREE WIND LOAD



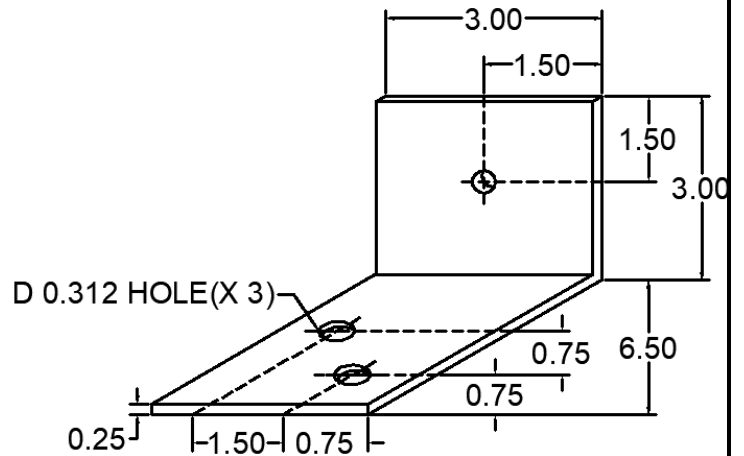
122
ANC-0304-6-122
WIND LOAD CLIP



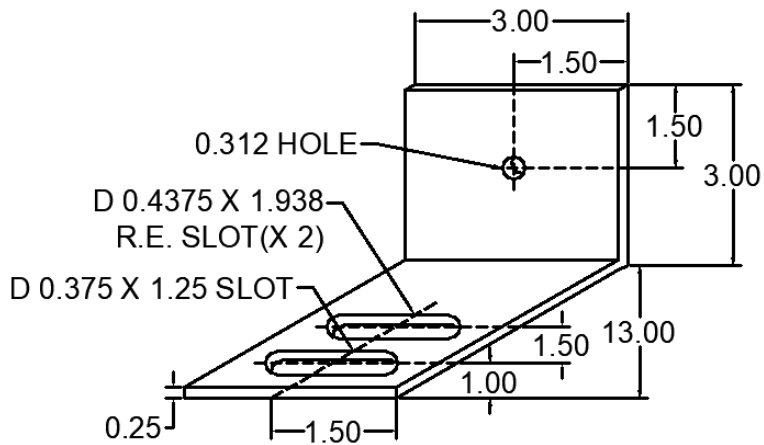
123
ANC-0304-6M-123
WIND LOAD CLIP



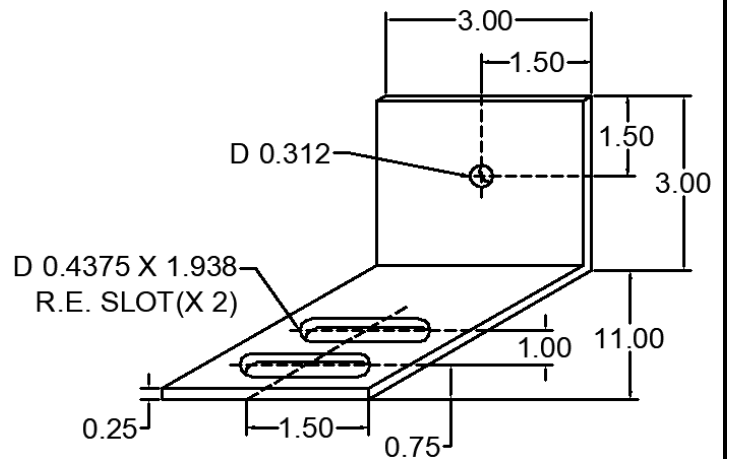
124
ANC-0303-6M-124
WIND LOAD CLIP



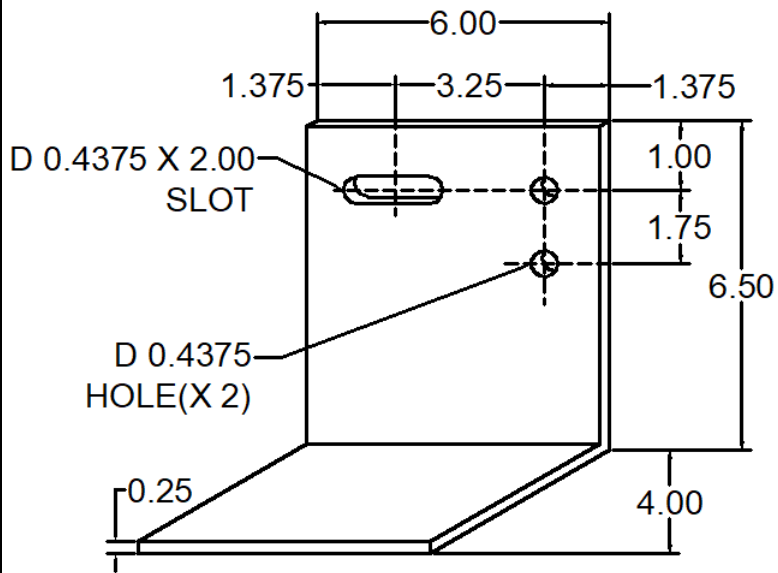
125
ANC-0303-6.5M-125
DEAD LOAD CLIP



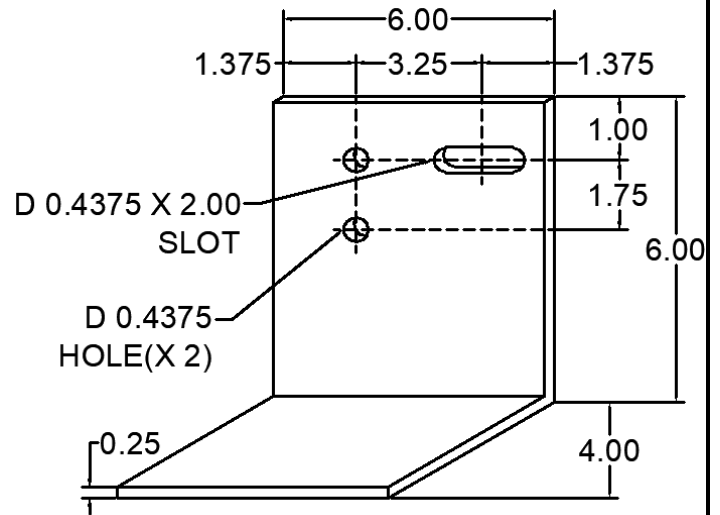
126
ANC-0303-13-126
WIND LOAD CLIP



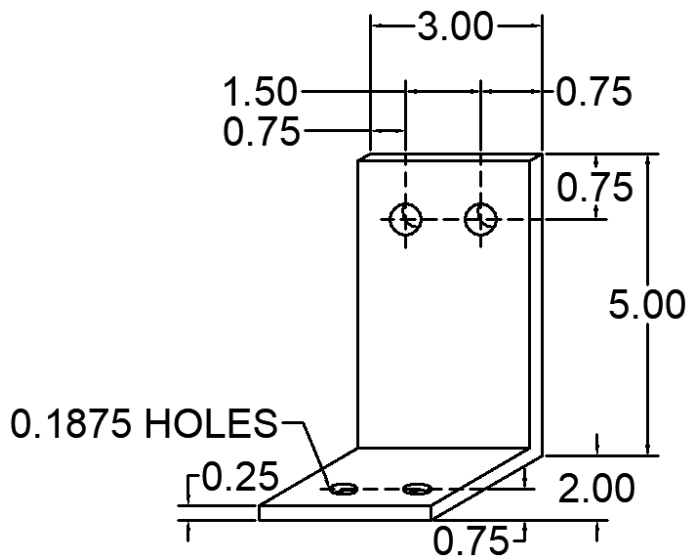
127
ANC-0303-11-127
WIND LOAD CLIP



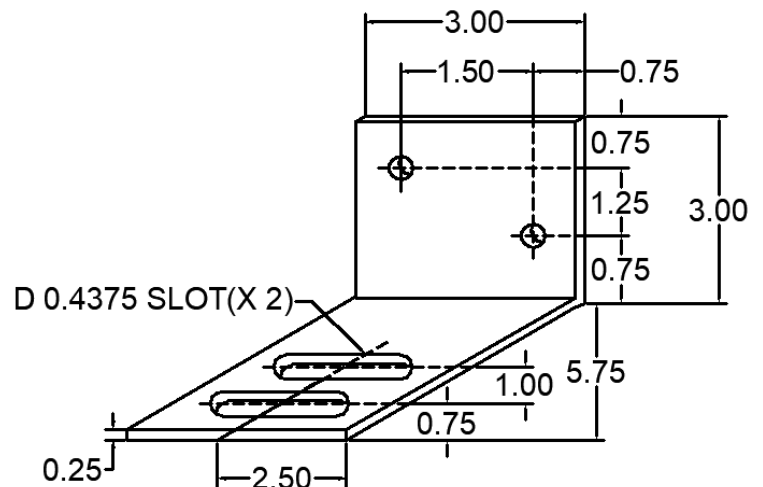
128
ANC-0001-128
WIND LOAD/ DEAD LOAD



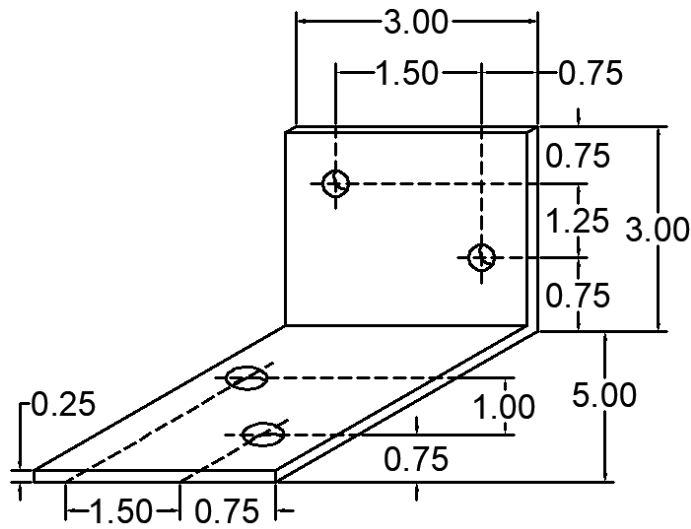
129
ANC-0001-129
WIND LOAD/ DEAD LOAD



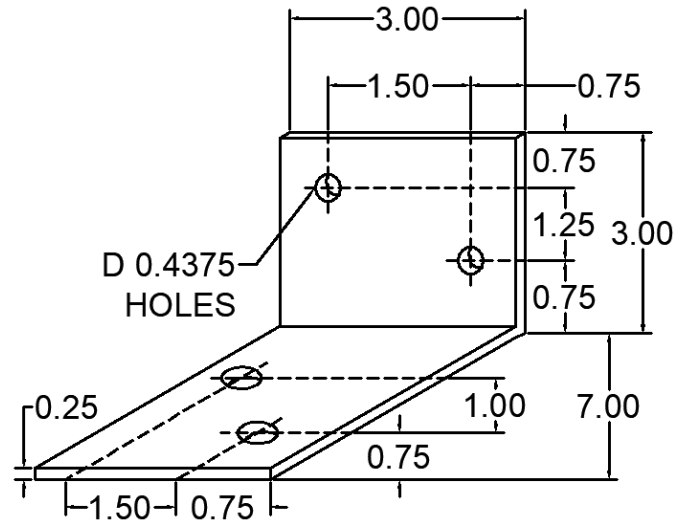
130
ANC-0203-5-130
DEAD LOAD CLIP



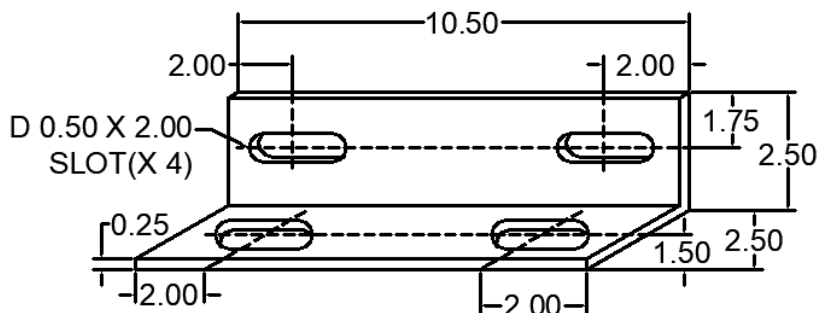
131
ANC-0303-5M1-131
WIND LOAD CLIP



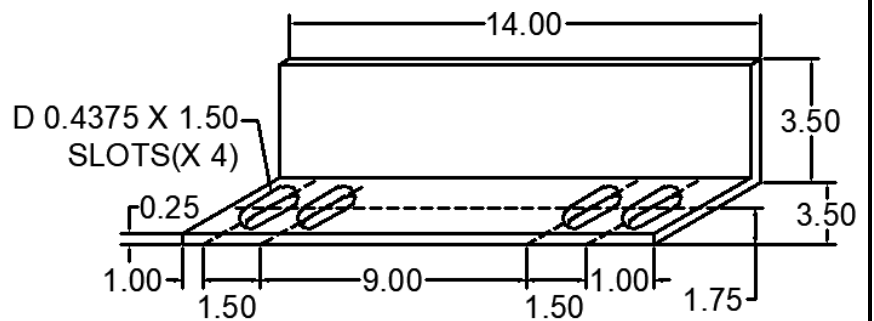
132
ANC-0303-5M2-132
DEAD LOAD CLIP



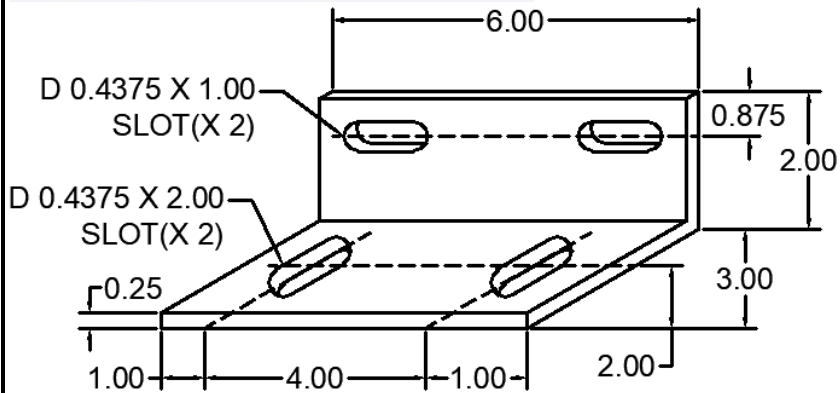
133
ANC-0303-7M-133
DEAD LOAD CLIP



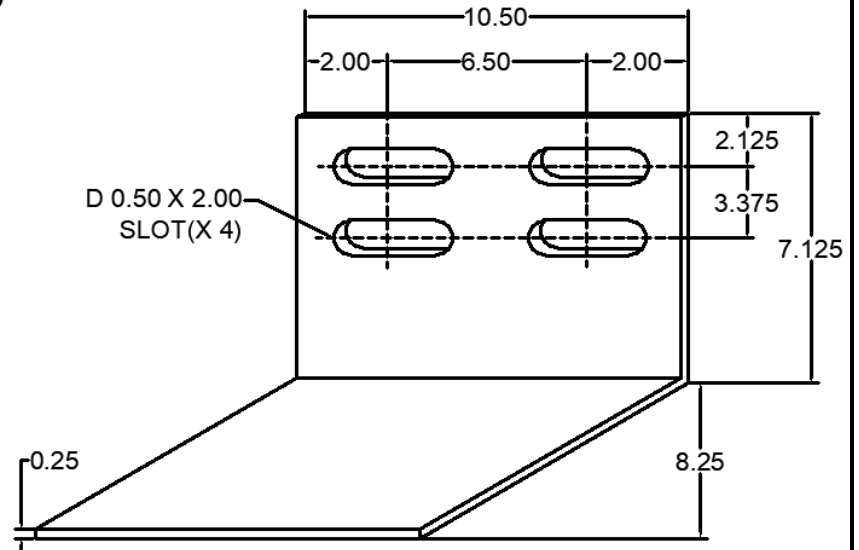
134
ANC-0210-9M-134
REINFORCING CLIP



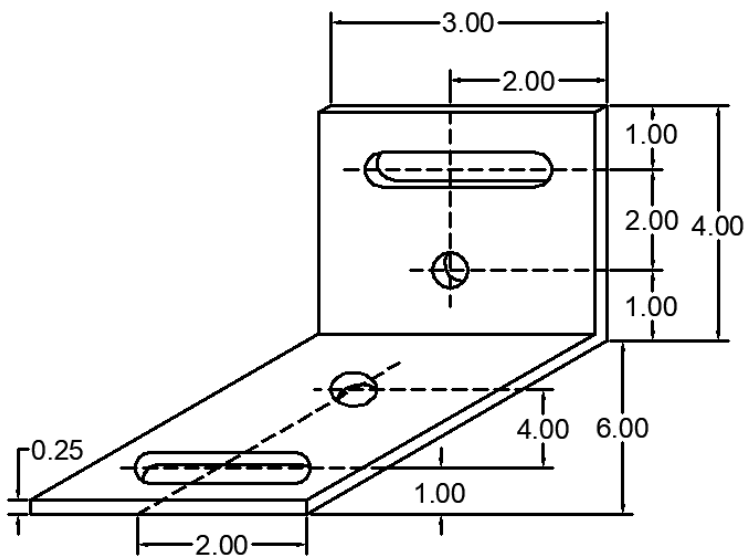
135
ANC-0303-14-135
WIND LOAD CLIP



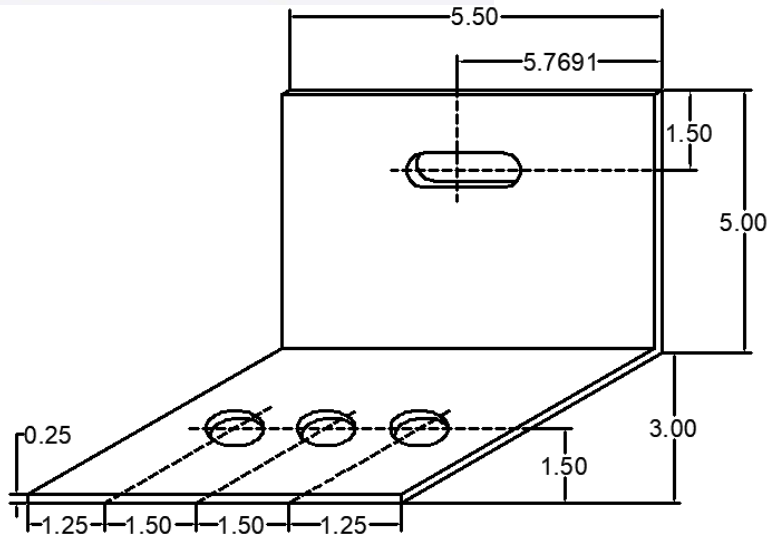
136
ANC-6250-136
WIND LOAD CLIP



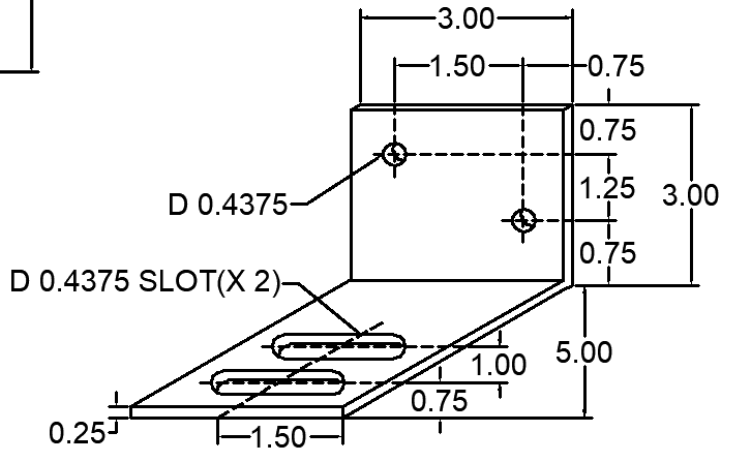
137
ANC-8271-137
WIND LOAD CLIP



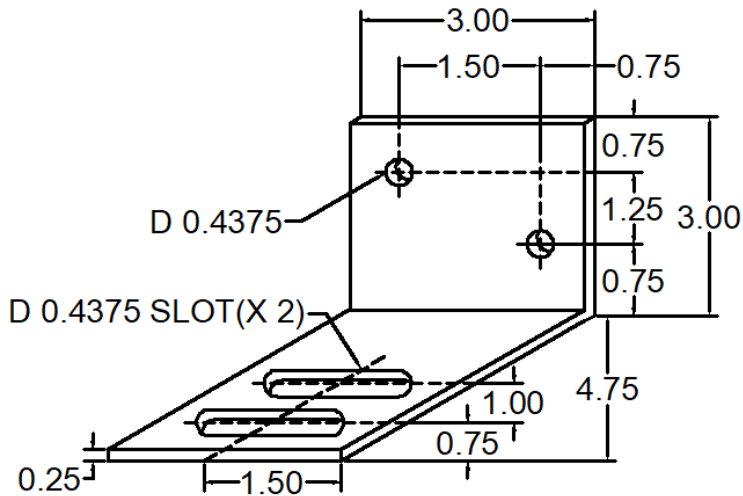
138
ANC-0406-4M-138
CURTAIN WALL
WIND LOAD CLIP

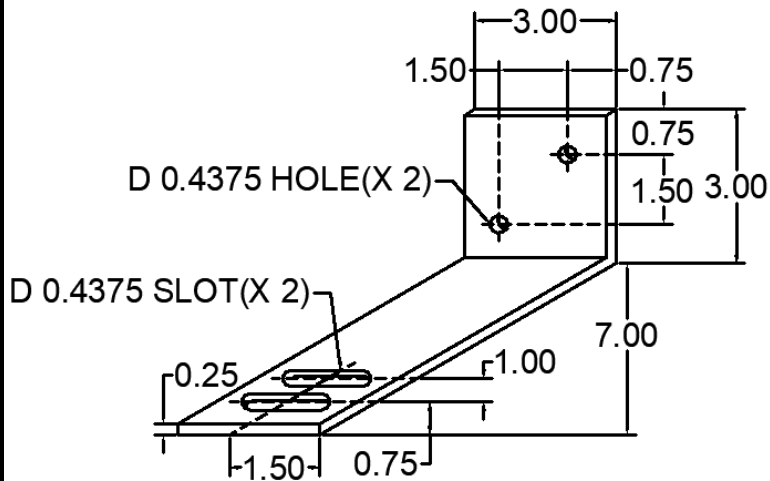


139
ANC-0305-8WL-139
WIND LOAD CLIP



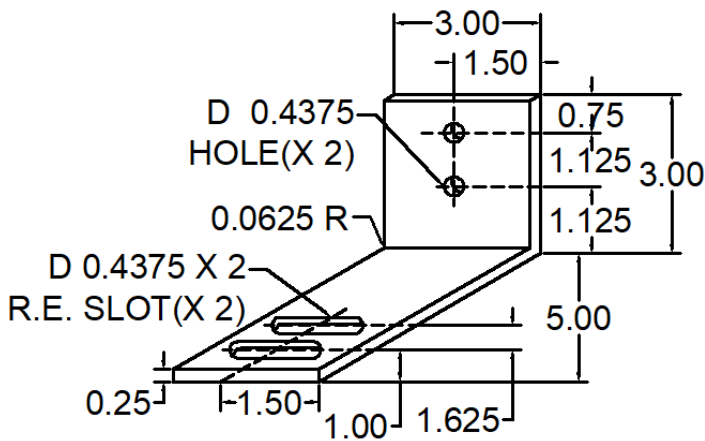
140
ANC-0303-5M3-140
WIND LOAD CLIP

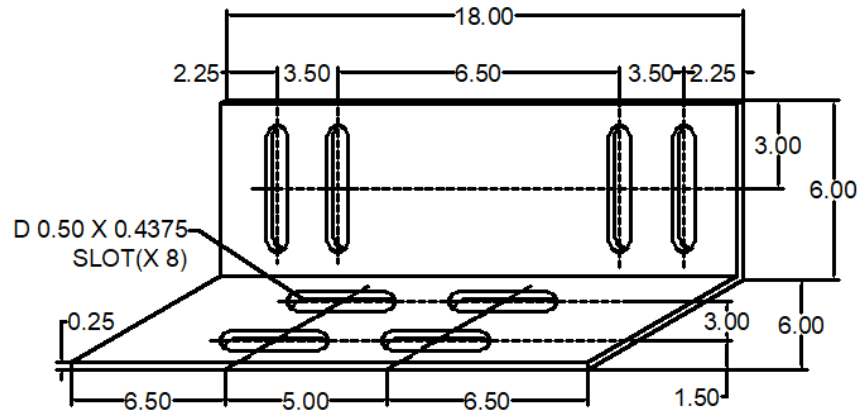


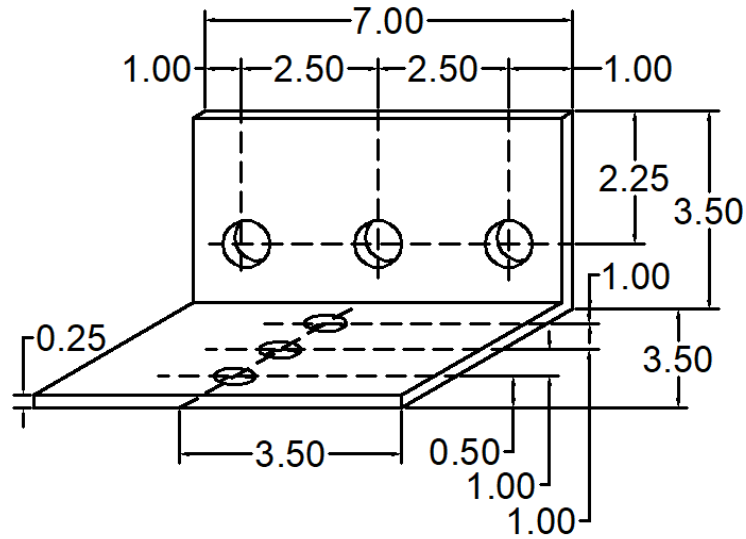


143

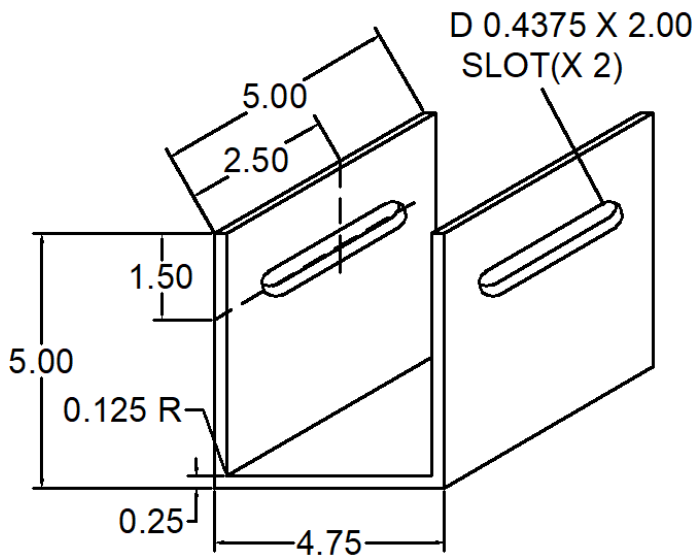
ANC-0306-3-143



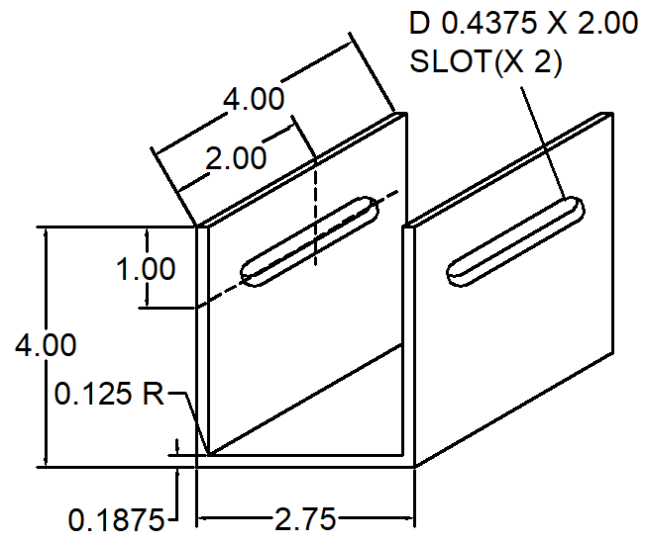


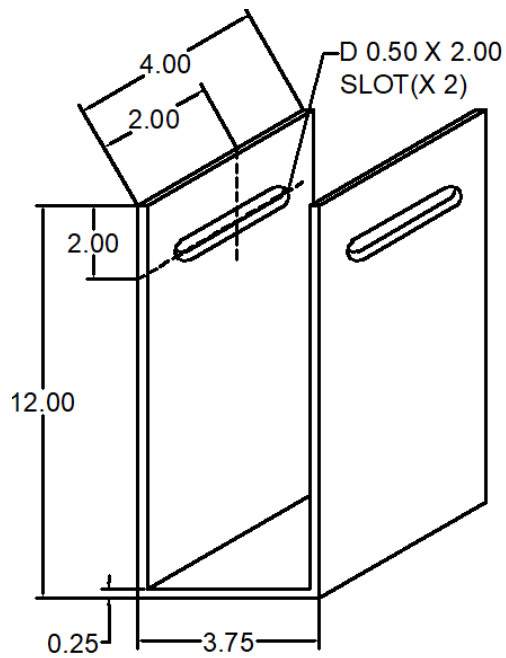


155
ANC-0303-7M1-

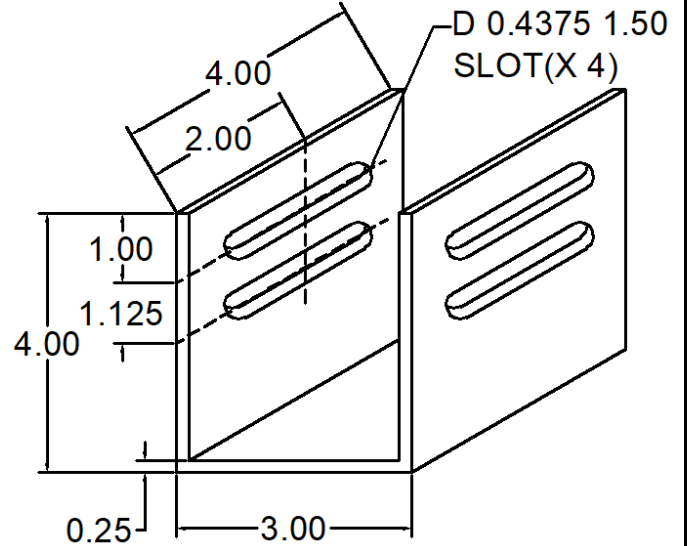


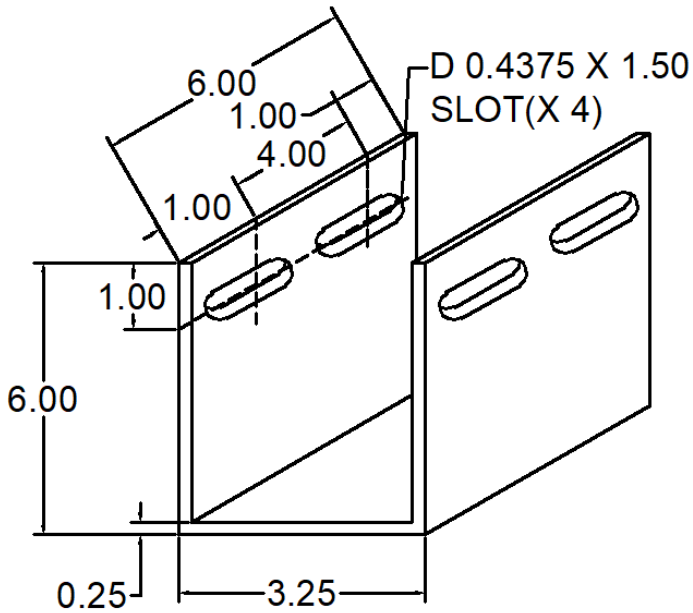
157
ANC-4755-WA-157
MULLIAN WRAP



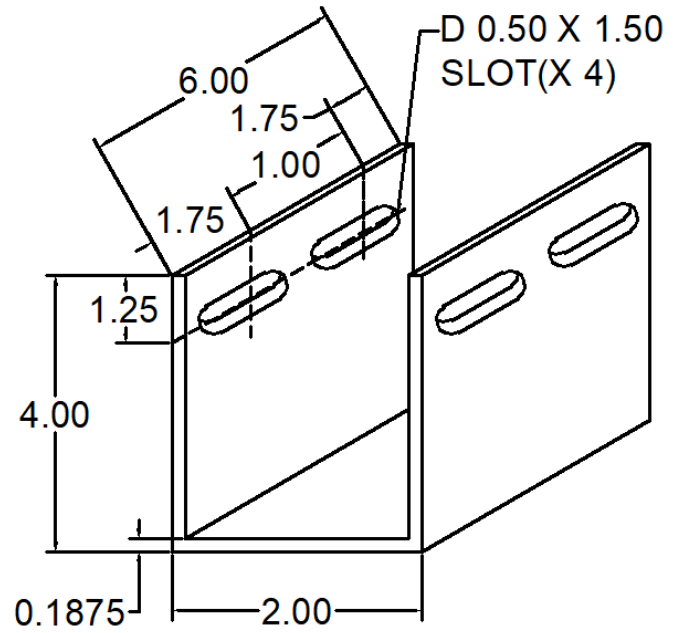


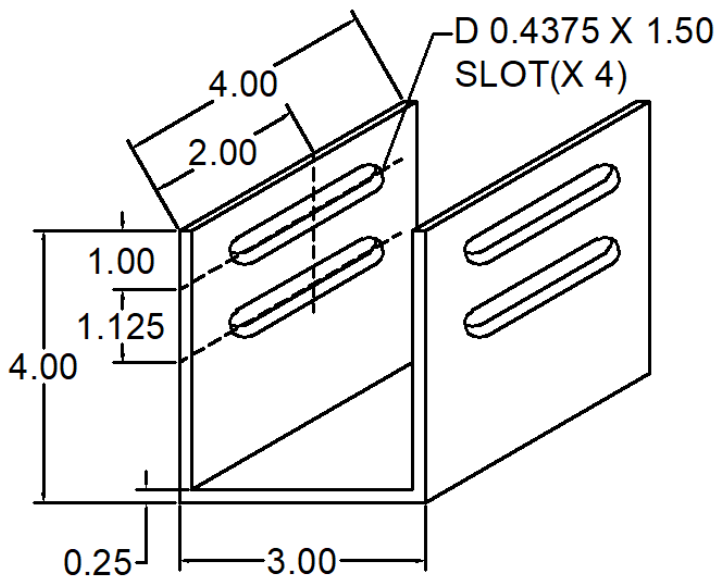
161
ANC-0412-M-161
MULLIAN WRAP



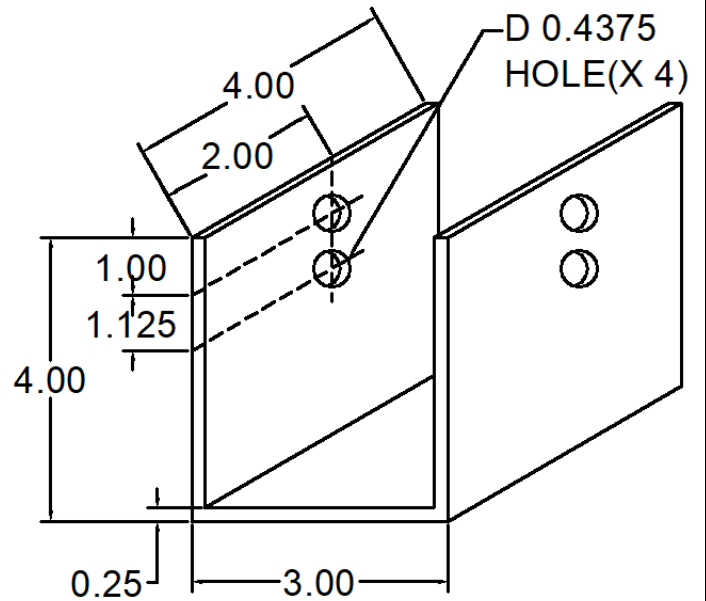


165
ANC-0206-6-165
MULLIAN WRAP

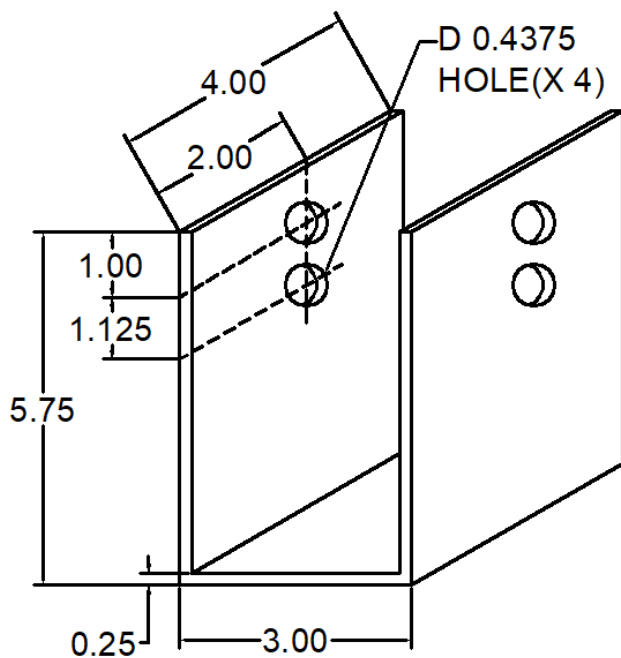




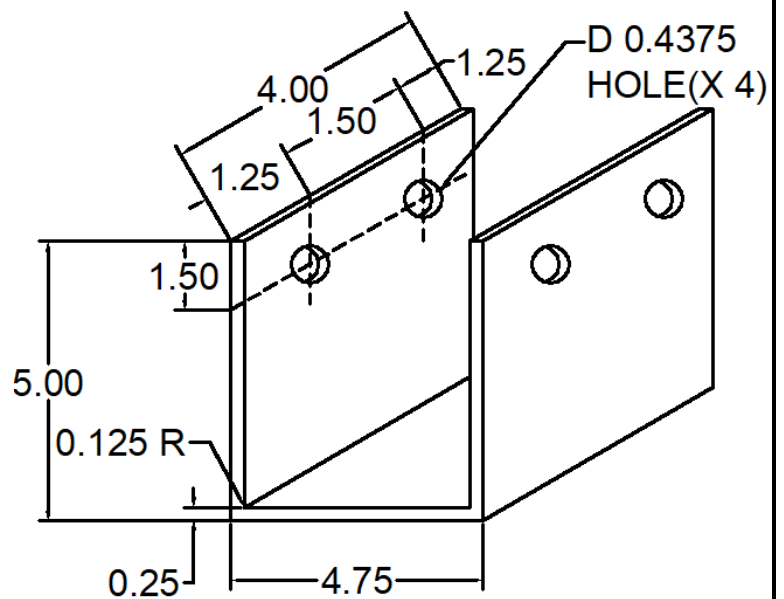
168A
ANC-3442-168A
MULLIAN WRAP



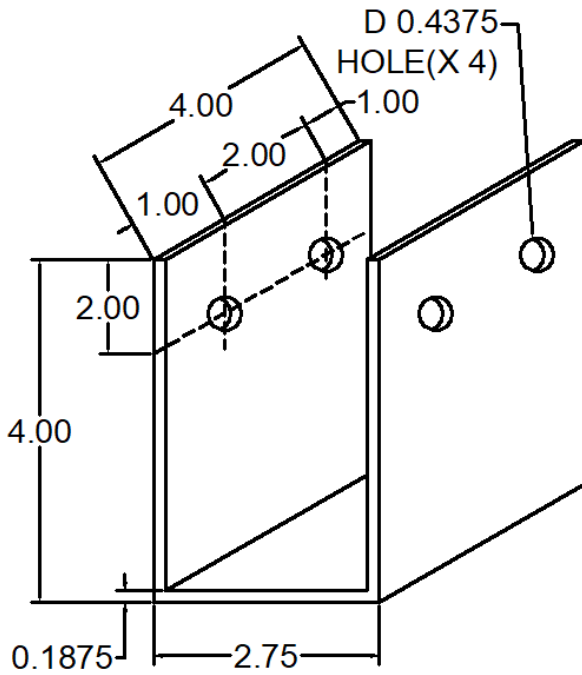
169
ANC-3441-169
MULLIAN WRAP



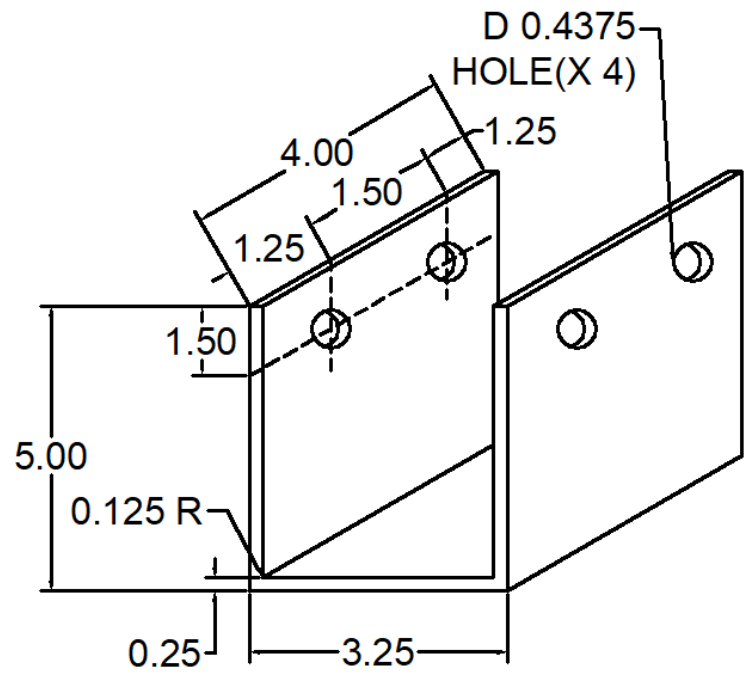
170
ANC-0305-DA-170
MULLIAN WRAP



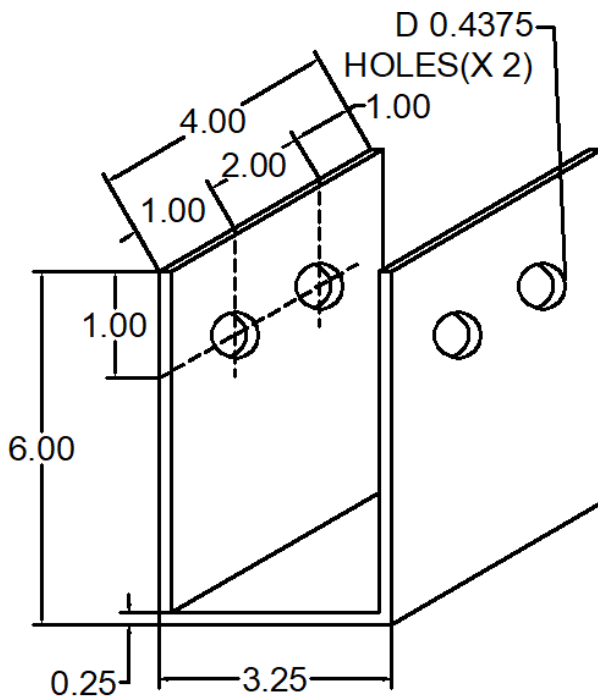
171
ANC-4755-DA-171
MULLIAN WRAP



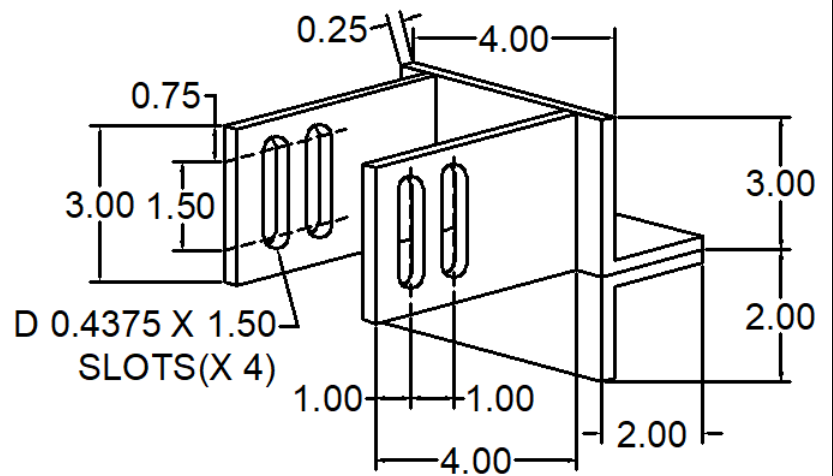
172
ANC-4423-MK-1-172
MULLIAN WRAP



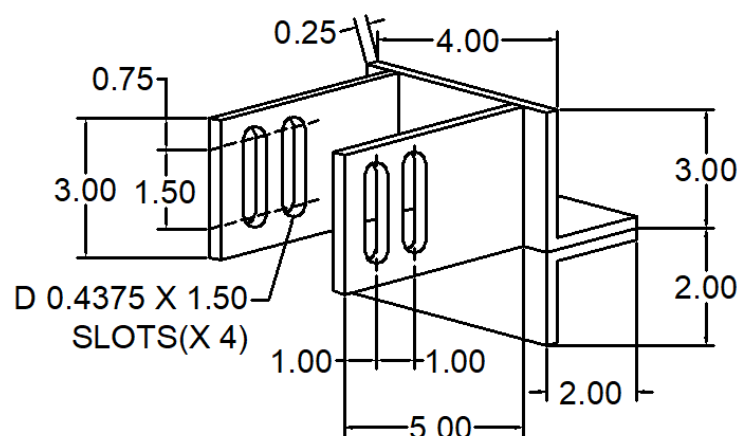
173
ANC-3255-DA-173
MULLIAN WRAP



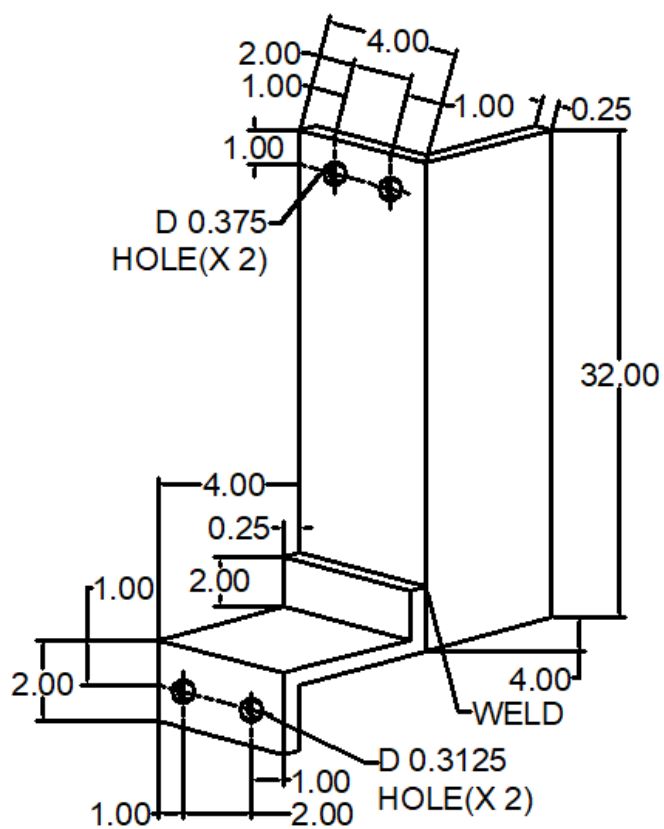
174
ANC-0206-4-174
MULLIAN WRAP



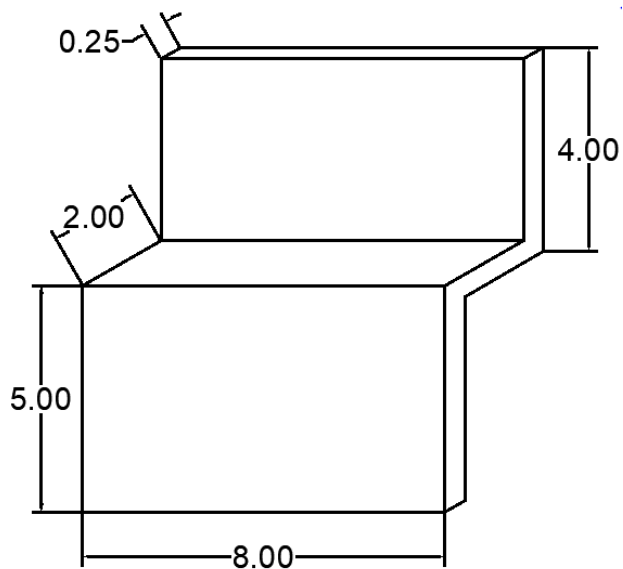
175
ANC-3542-175
MULLIAN WRAP



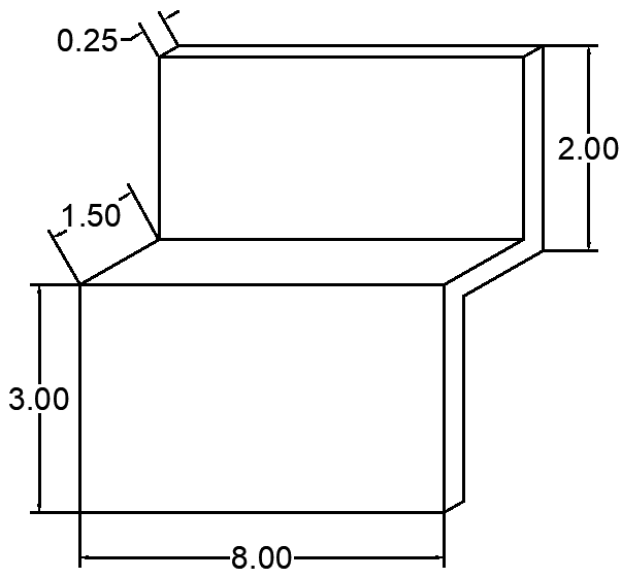
176
ANC-4330-176
MULLIAN WRAP



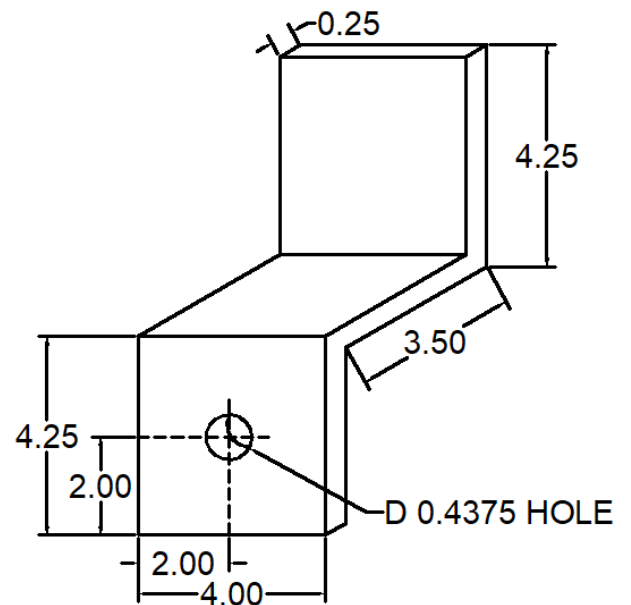
177
ANC-0404-32BRK-177
HANGING BRACKET ANCHOR



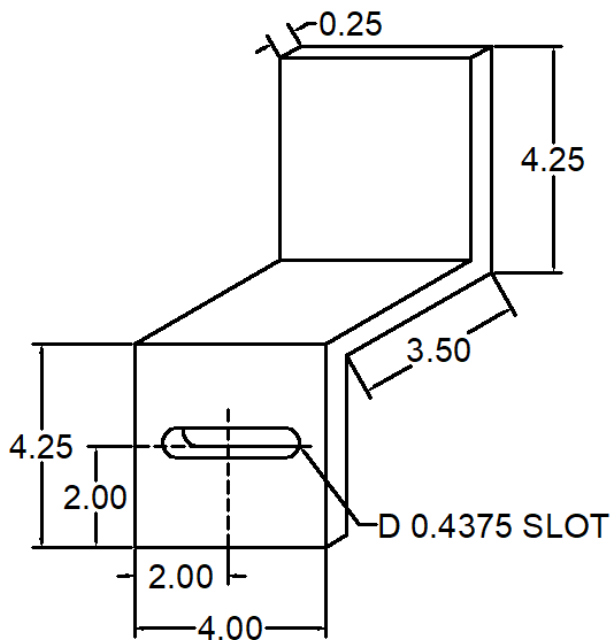
179
ANC-0405-Z-179
ANGLE "Z" CLIP



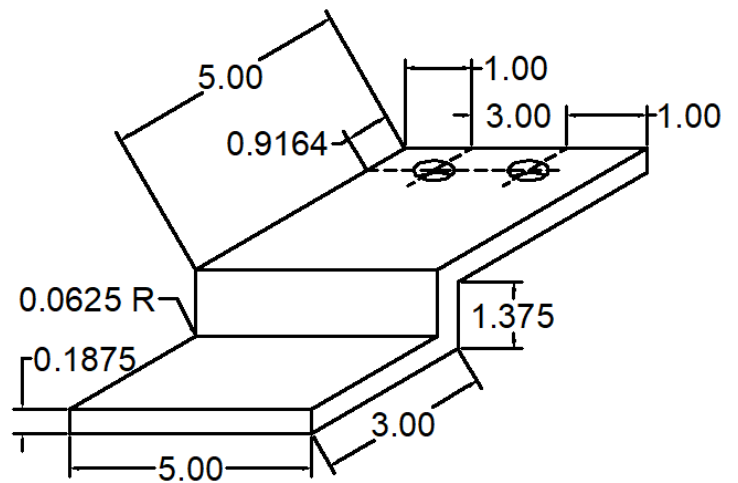
179A
ANC-0203-Z-179A
ANGLE "Z" CLIP



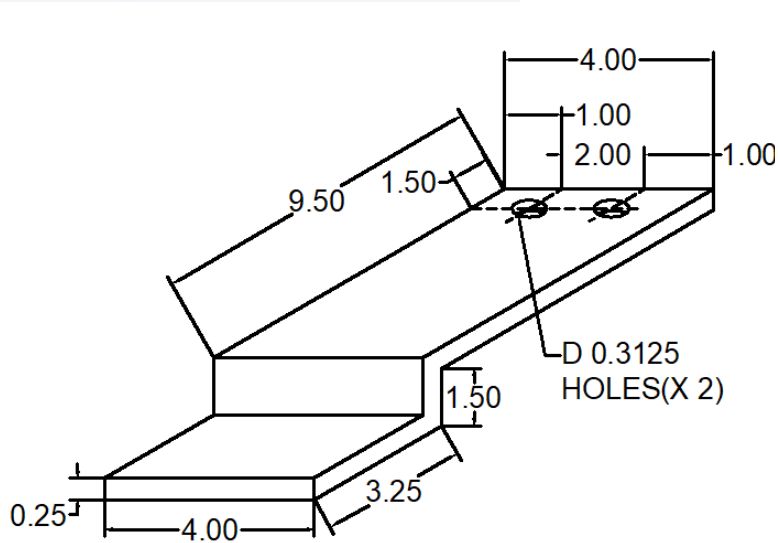
180
ANC-0404-WLZ-180
DEAD LOAD HANGER



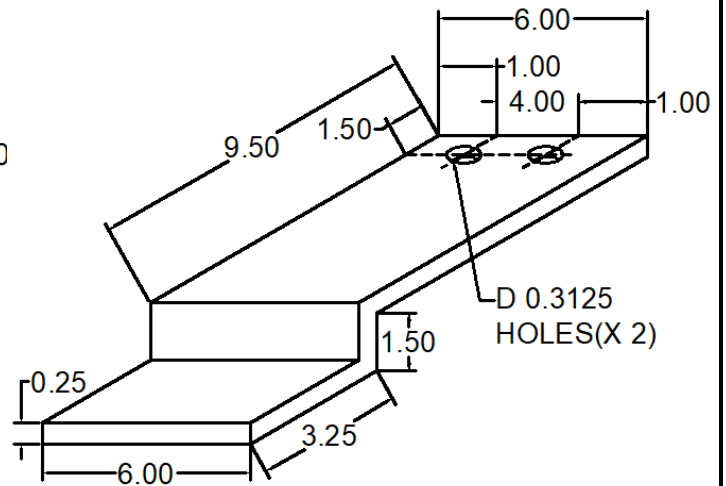
181
ANC-0404-WCZ-181
WIND LOAD HANGER



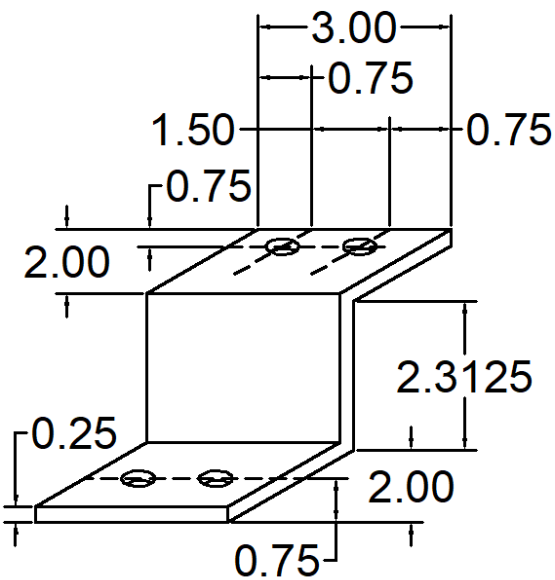
182
ANC-0508-Z-182
SILL WINDOW ANCHOR



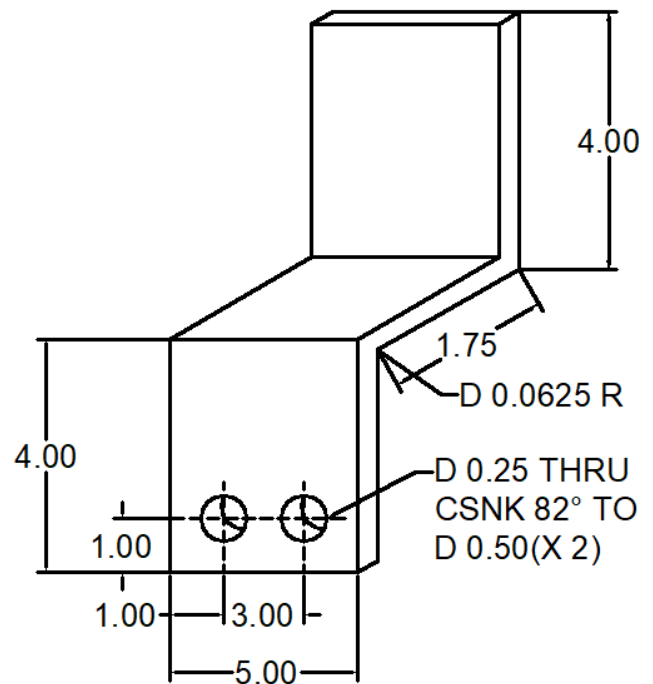
183
ANC-0112-ZM-183
OFFSET DEAD LOAD



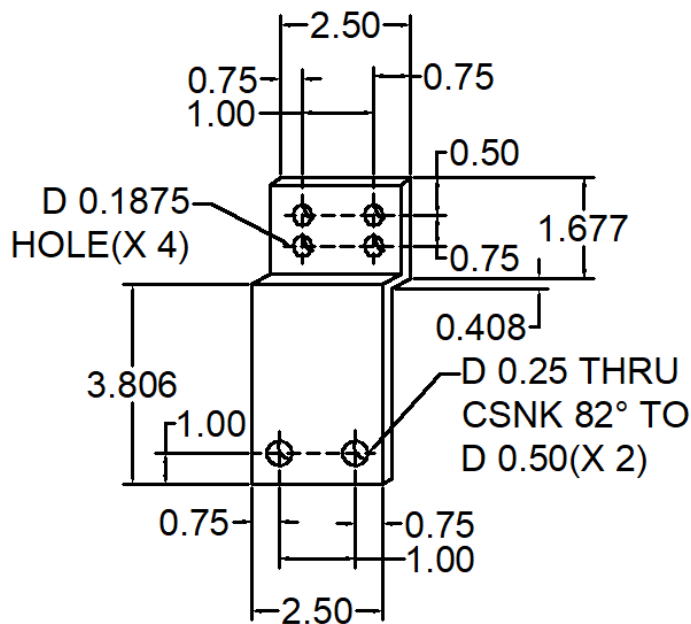
184
ANC-0112-Z-184
OFFSET DEAD LOAD



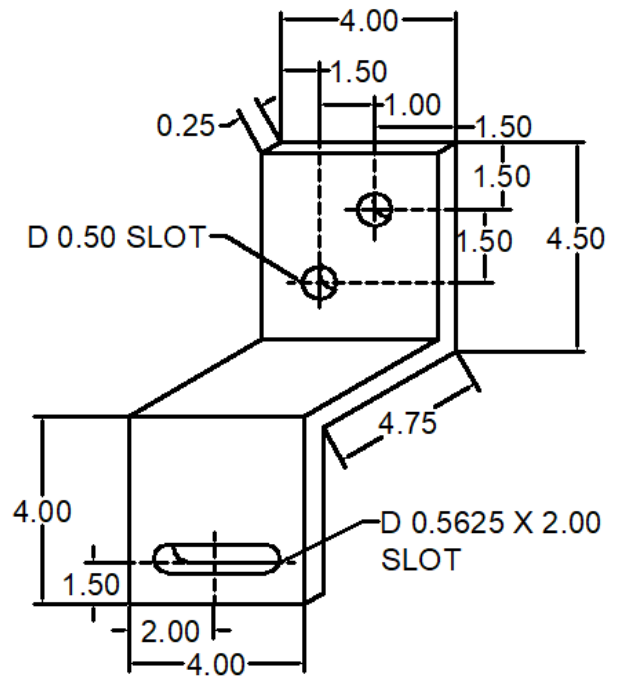
185
ANC-0203-ZM-185
OFFSET DEAD LOAD TOP



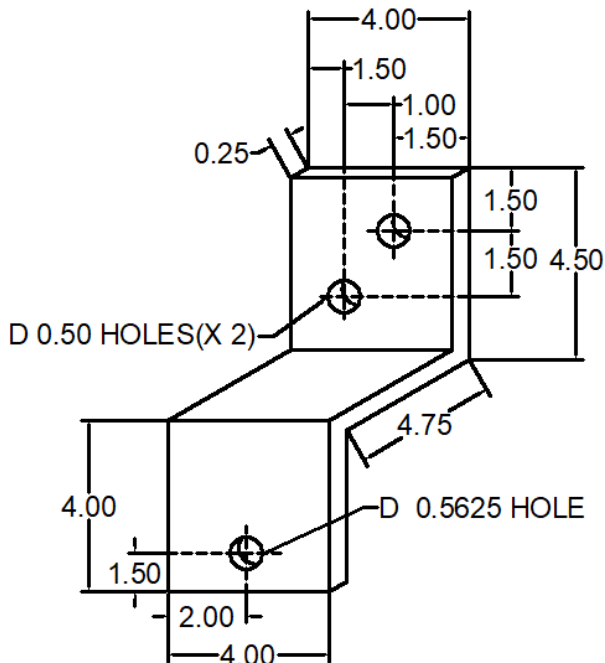
186
ANC-0404-5Z-186
SILL WINDOW DEAD LOAD



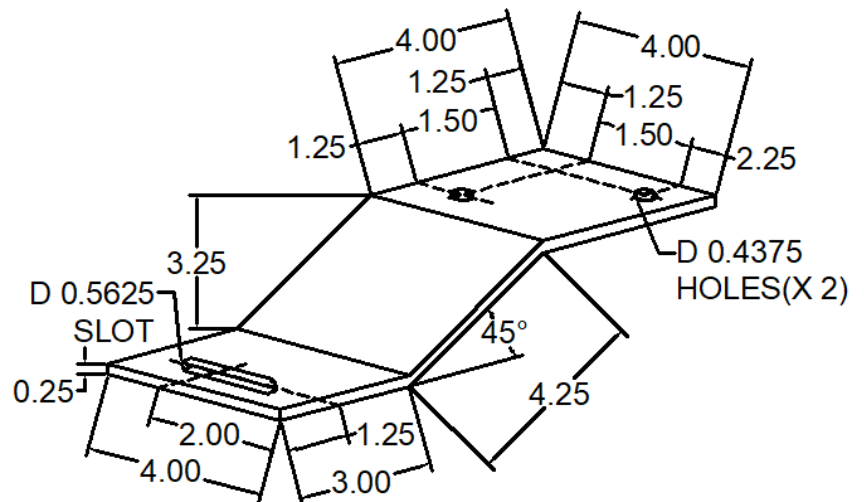
187
ANC-0205-A-187
ALUMINUM SPLICE OFFSET
DEAD LOAD



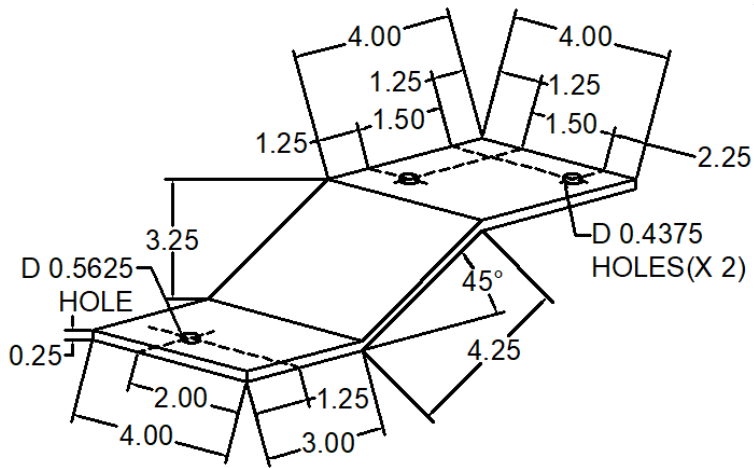
188
ANC-0404-WCZ-188
“Z” SHAPE WIND LOAD CLIP



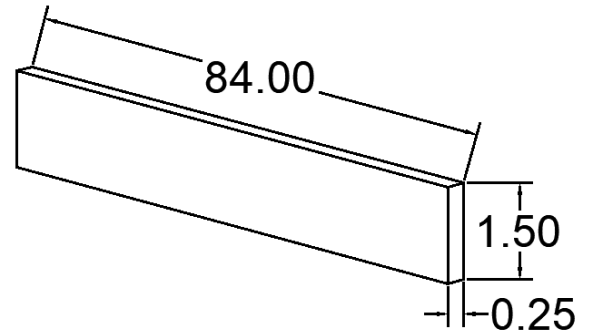
189
ANC-0404-DLZ-189
“Z” SHAPE DEAD LOAD CLIP



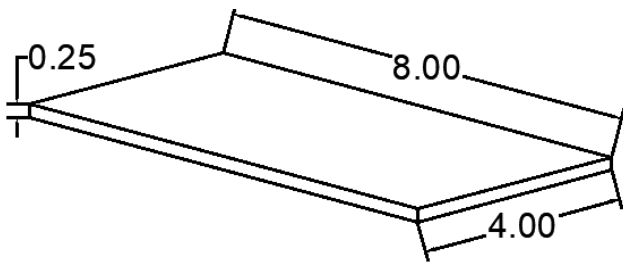
190
ANC-0410-WL-190
WIND LOAD CLIP



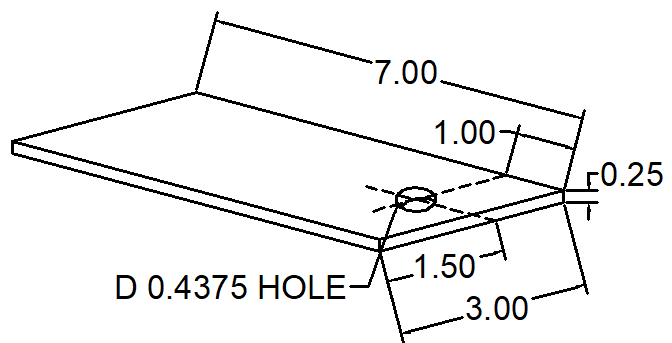
191
ANC-0410-DL-191
DEAD LOAD CLIP



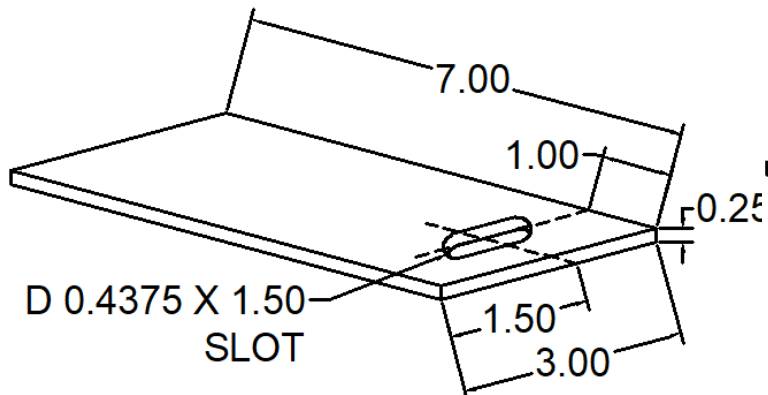
192
ANC-2515-192
STEEL BAR



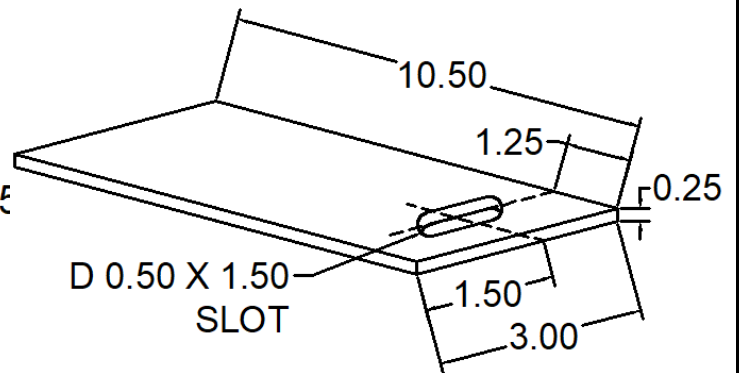
193
ANC-4800-193
PLATE



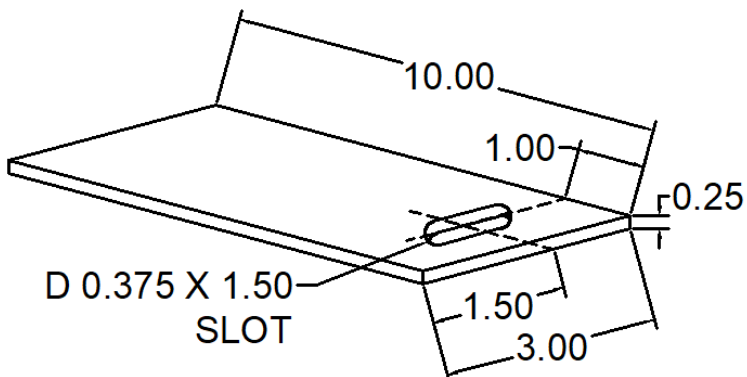
194
ANC-0307-PH-194
ANCHOR PLATE HANGER



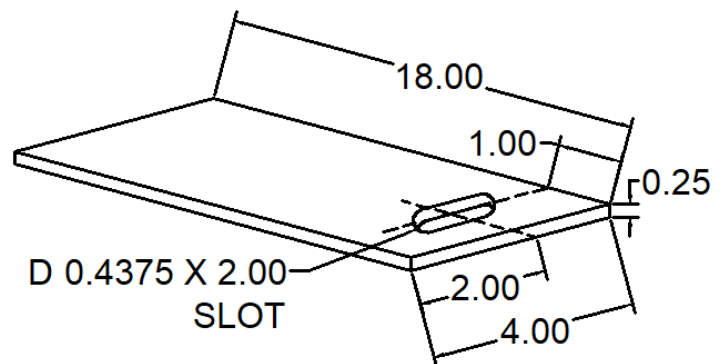
195
ANC-0307-P-195
WIND LOAD PLATE



196
ANC-0310-196
WIND LOAD ANCHOR

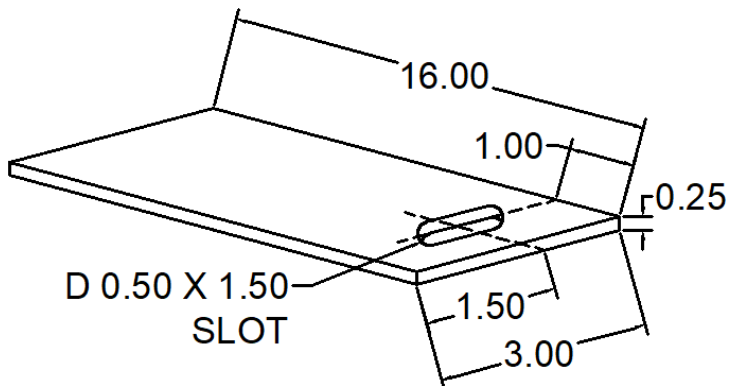


197
ANC-0310-1M-197
WIND LOAD ANCHOR

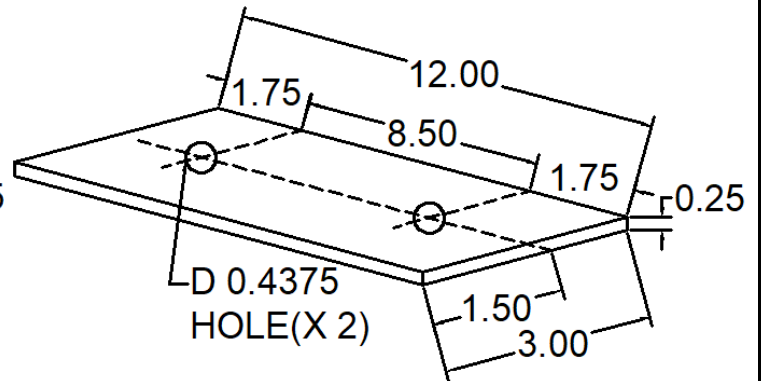


198
ANC-0418-198
WIND LOAD ANCHOR

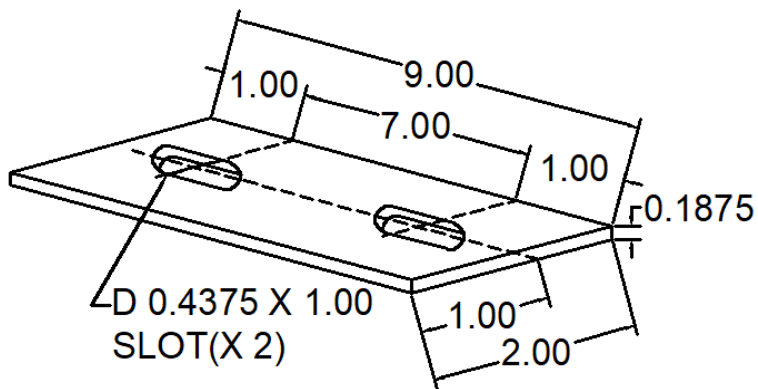
TIE BACK ANCHORS



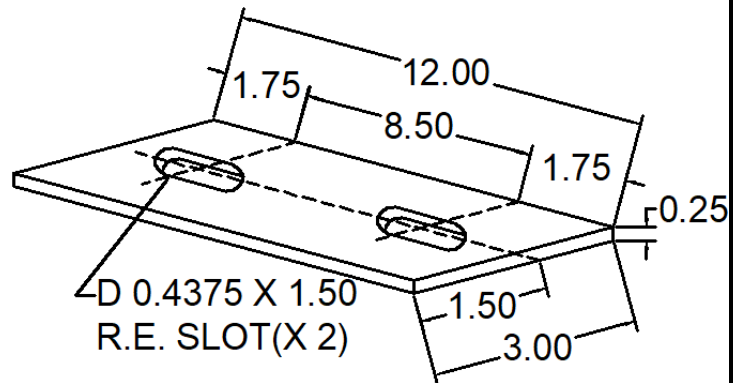
199
ANC-1603-199
WIND LOAD ANCHOR (MAIN
CURTIAN WALL



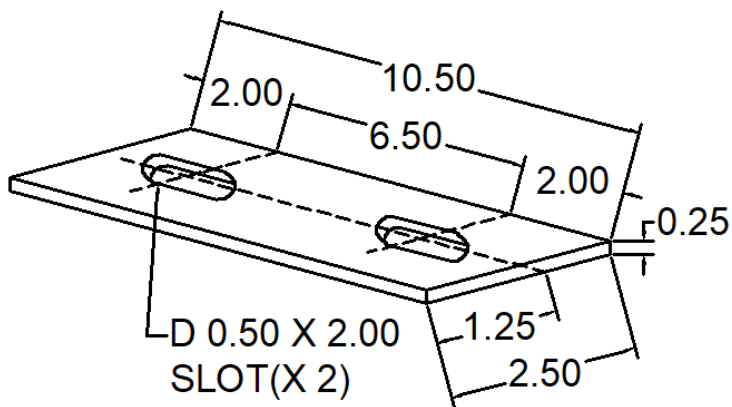
200
ANC-3120-1-200
TIE UP DEAD LOAD



201
ANC-0209-201
TIE UP WIND LOAD

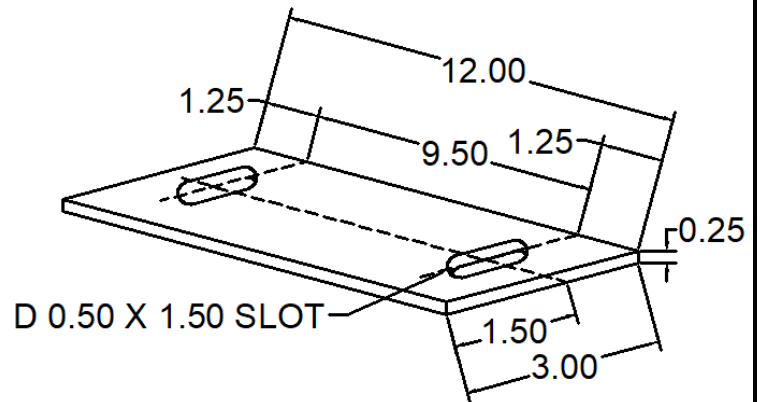


202
ANC-3120-2-202
WIND LOAD CLIP

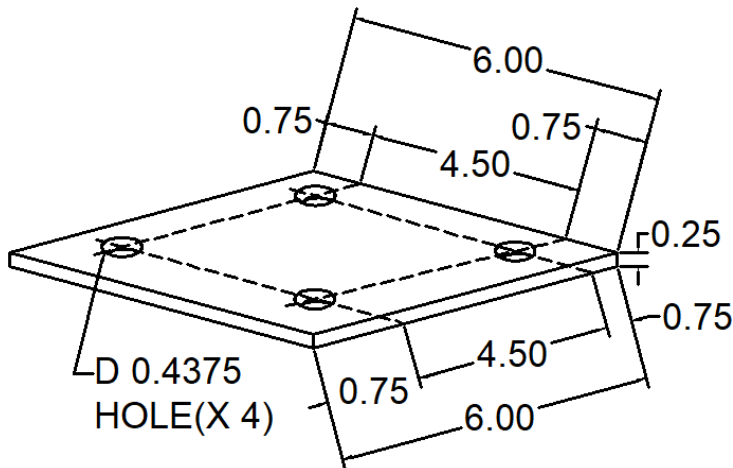


TIE UP TOGETHER

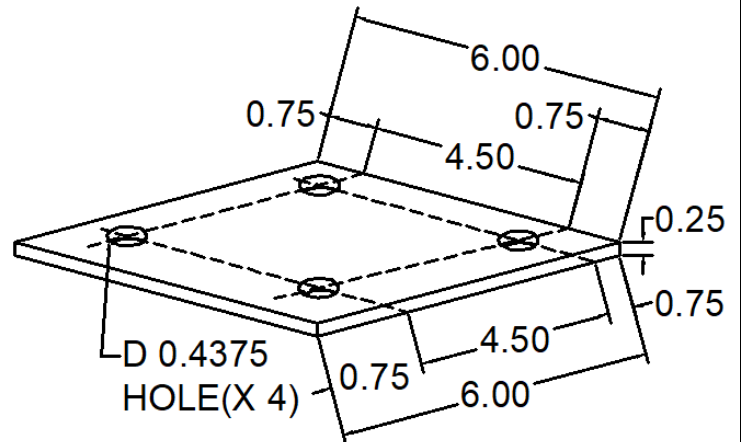
203
ANC-0210-9-203
WIND LOAD GIRT ANCHOR



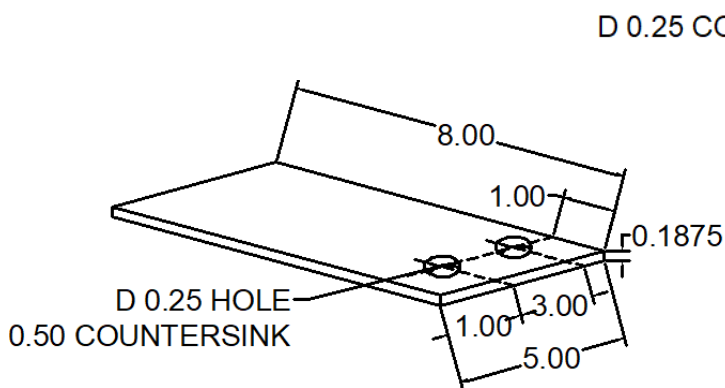
204
ANC-0310-M-204
WIND LOAD ANCHOR



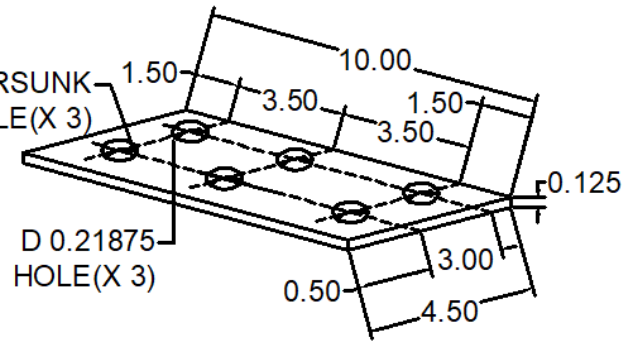
205
ANC-6635-205
ANCHOR BRACKET BASE



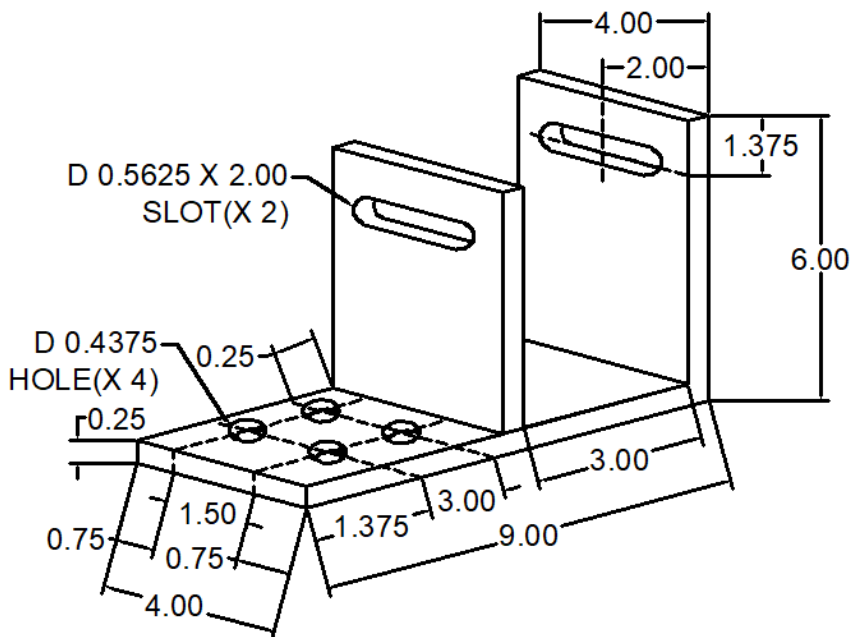
206
ANC-6615-206
ANCHOR BRACKET BASE



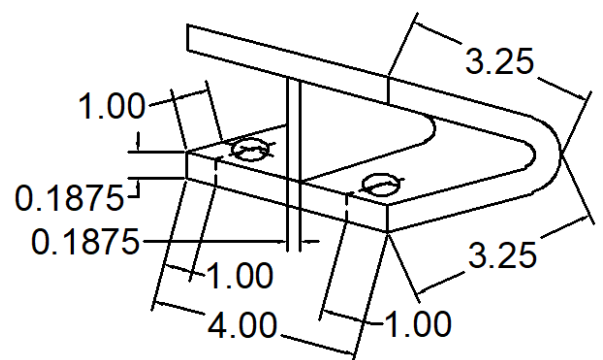
207
ANC-0508-PL-207
SIDE CONNECTION



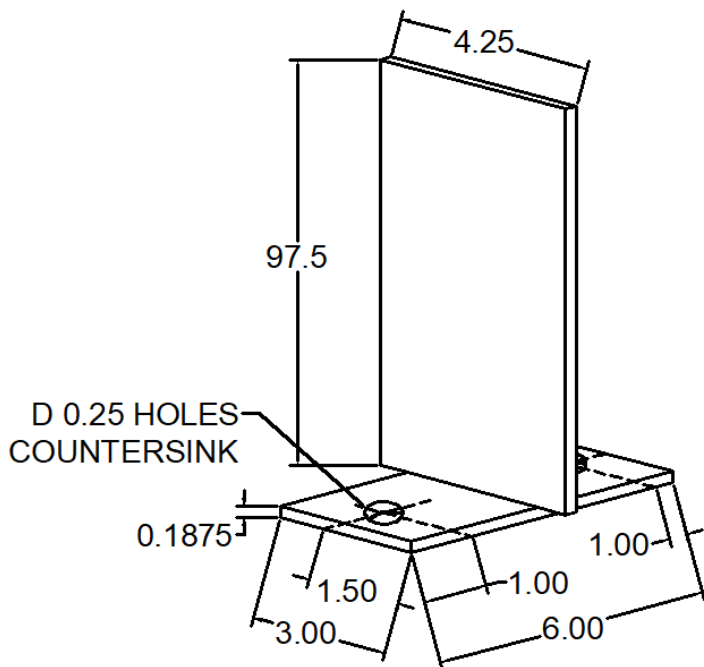
208
ANC-0510-208
SIDE TIE BACK ANCHOR



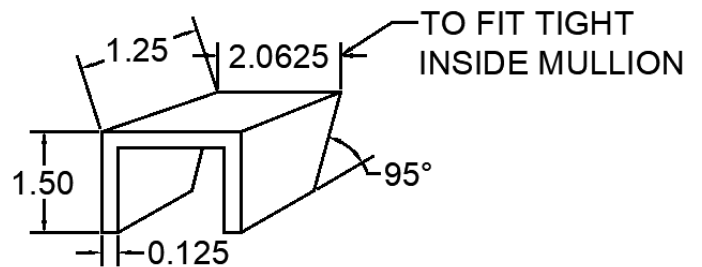
209
ANC-0904-6-209
SIDE MOUNT/DEAD LOAD



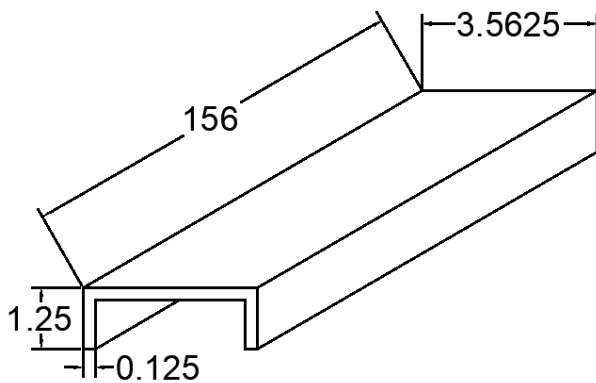
210
ANC-0303-25-210
CORNER ANCHOR



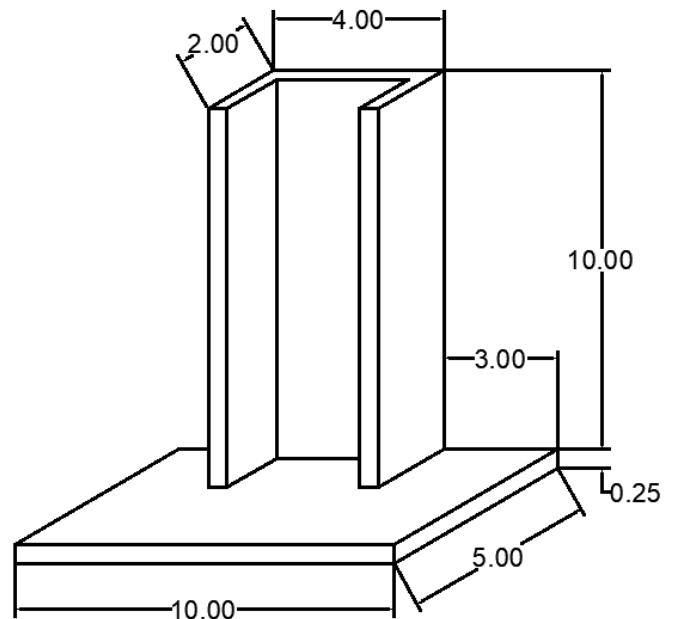
211
ANC-0095-211
"T" MULLIAN BASE
ANCHOR



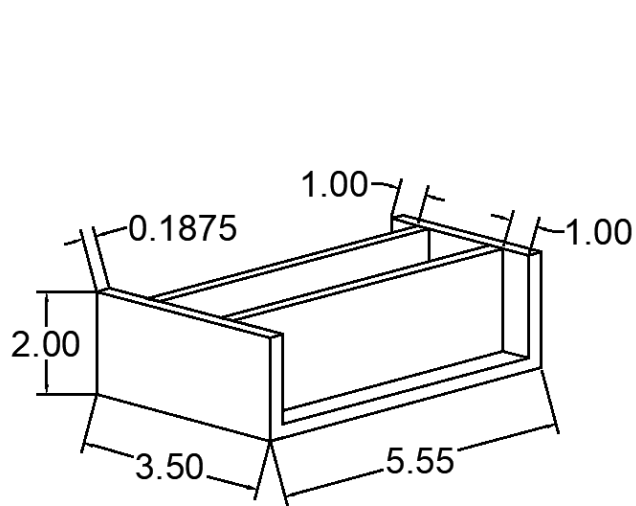
212
ANC-0101-4U-212
MULLION CLIP



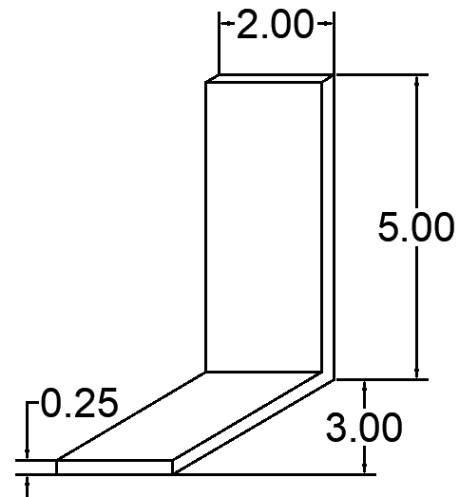
212A
MUL-3512-212A
MULLION REF CHANNEL



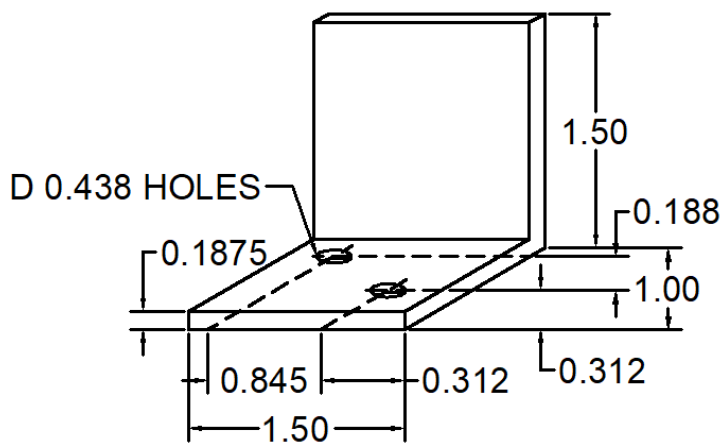
213
ANC-0510-AC-213
SLIP MULLIAN ATTACHMENT CLIP



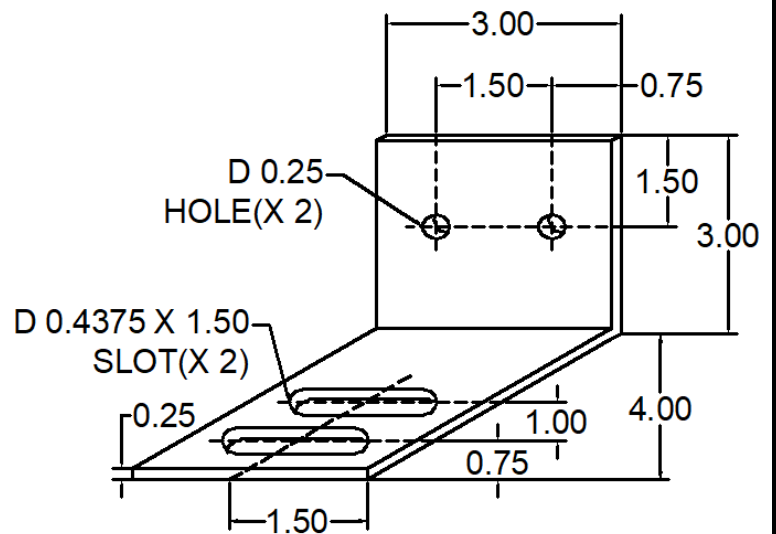
214
ANC-3505-M-214
ANCHOR BLOCK



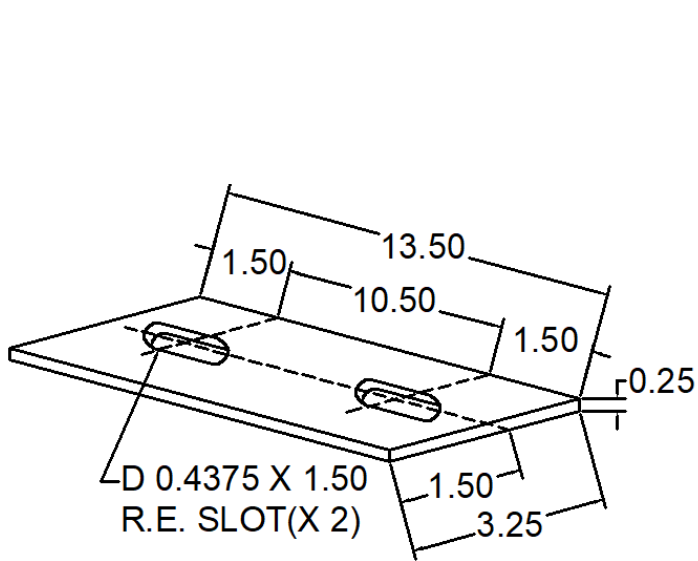
215
ANC-0203-5M-215
ANCHOR CLIP



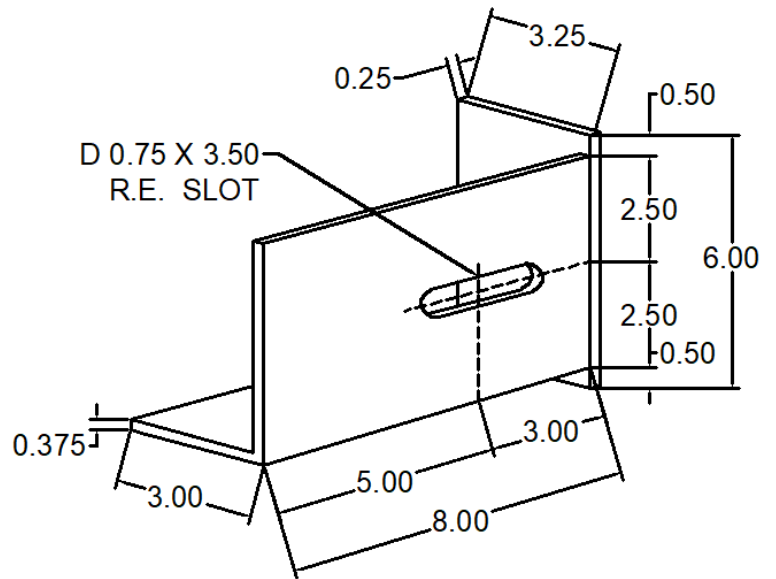
216
ANC-0101-1-216
DEAD LOAD CLIP



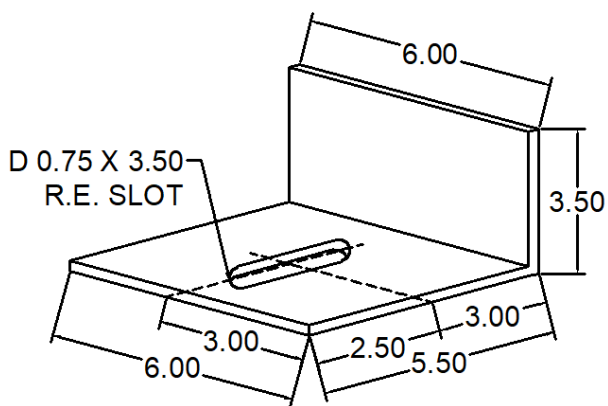
217
ANC-0403-217
WIND LOAD CLIP



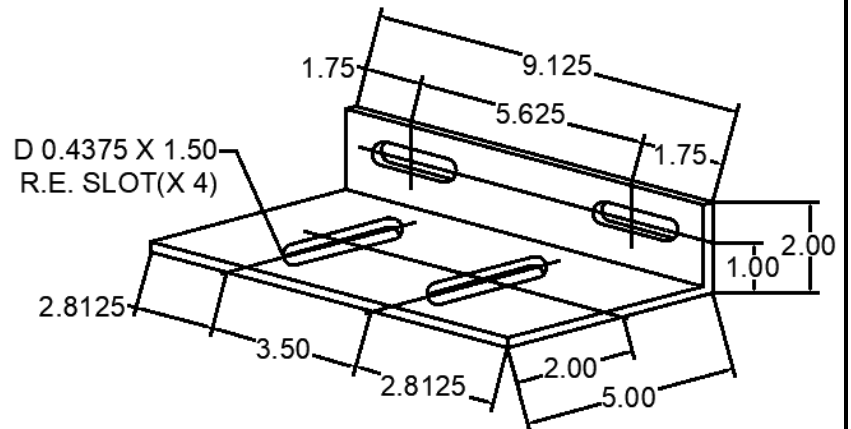
218
ANC-3513-218
SIDE WIND LOAD



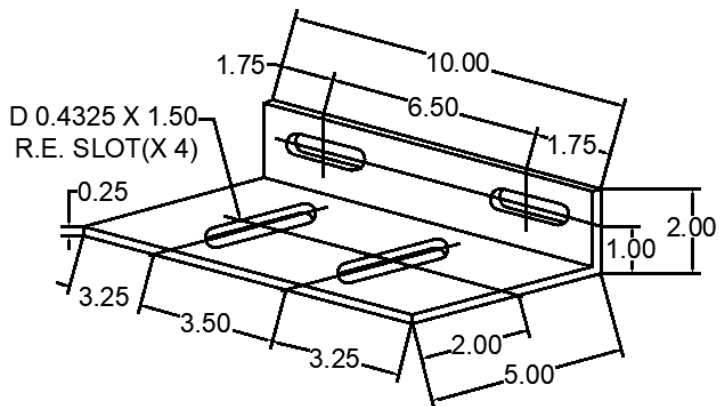
219
ANC-3586-219
MIDPOINT WIND LOAD
ANCHOR



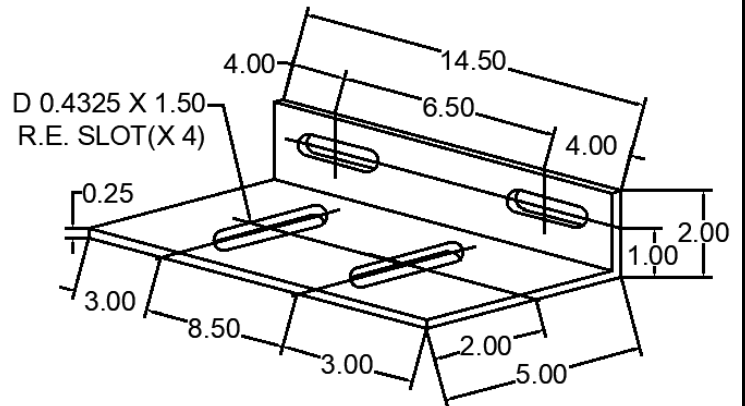
220
ANC-3560-220
WIND LOAD CLIP



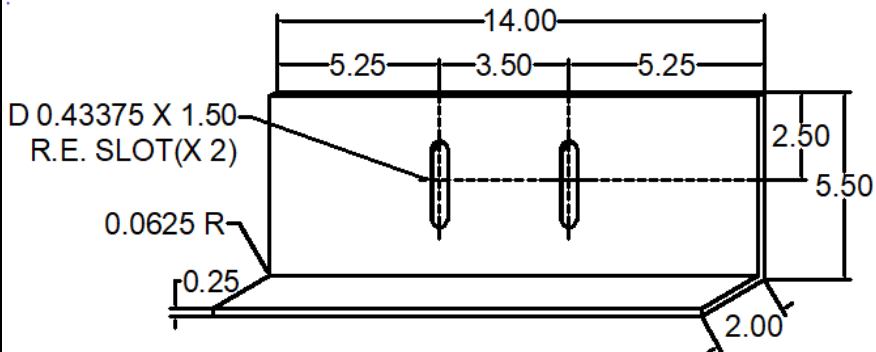
221
ANC-2592-221
WIND LOAD CLIP



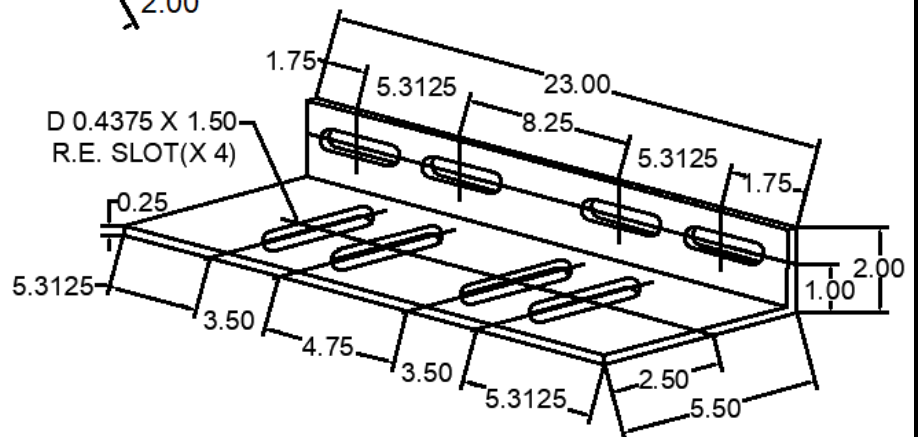
222
ANC-2510-222
WIND LOAD CLIP



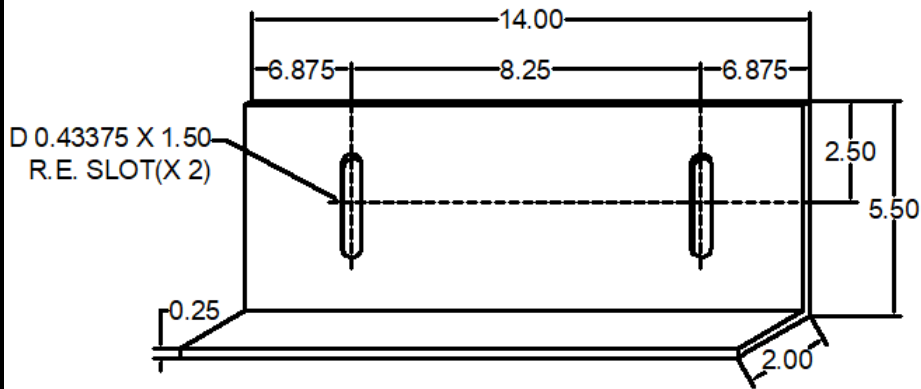
223
ANC-2514-223
WIND LOAD CLIP



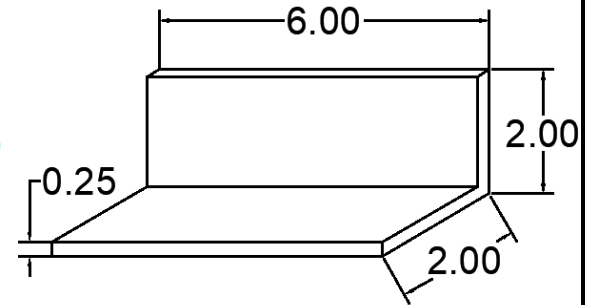
223A
2514-M-223A
WIND LOAD CLIP



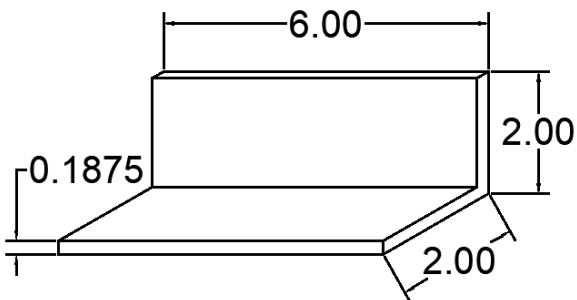
224
ANC-2523-224
WIND LOAD CLIP



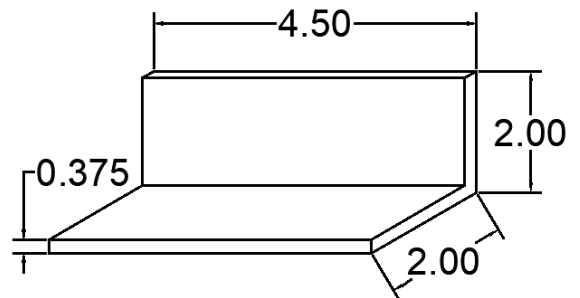
224A
ANC-2523-M-224A
WIND LOAD CLIP



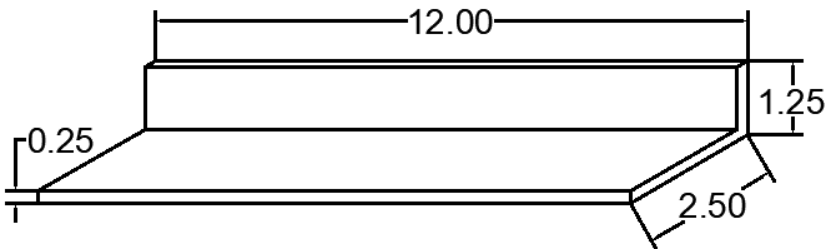
225
ANC-2206-225
ANCHOR CLIP



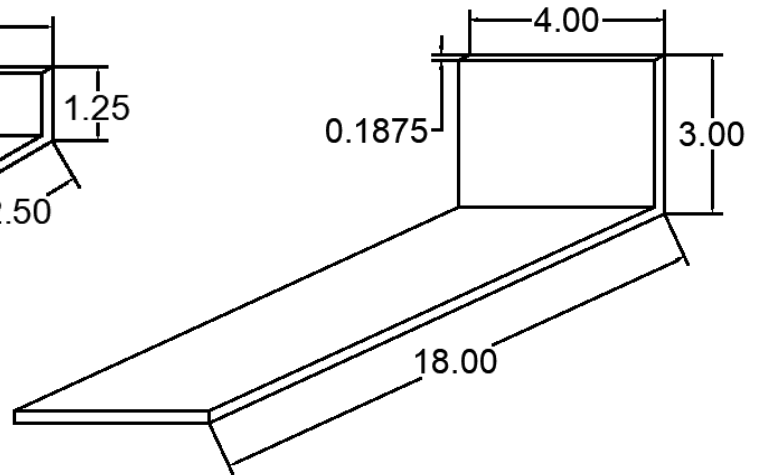
226
ANC-2206-226
ANCHOR CLIP



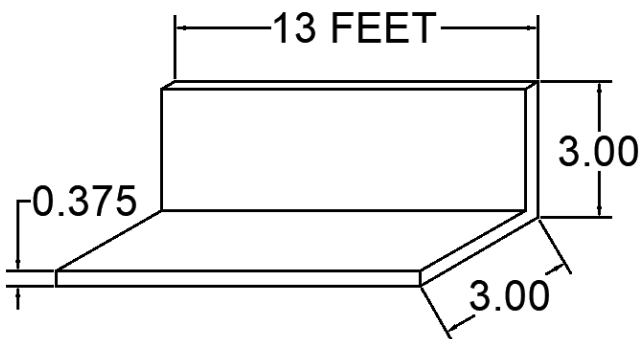
227
ANC-2204-227
ANCHOR CLIP



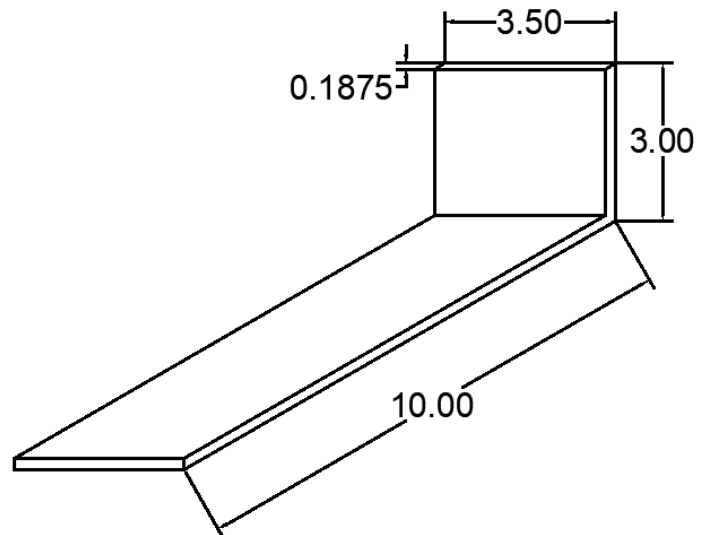
228
ANC-2512-228
ANCHOR CLIP



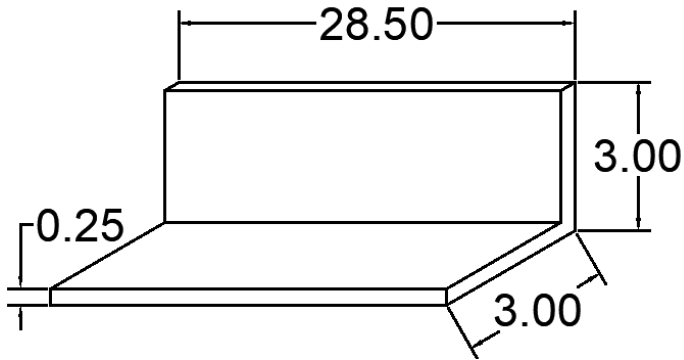
229
ANC-1803-229
ANCHOR CLIP



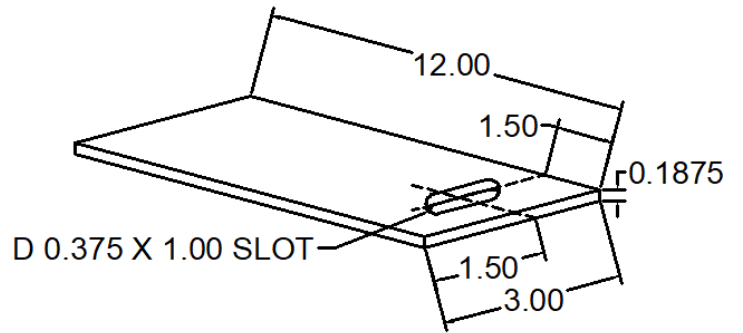
230
ANC-3313-230
ANCHOR CLIP



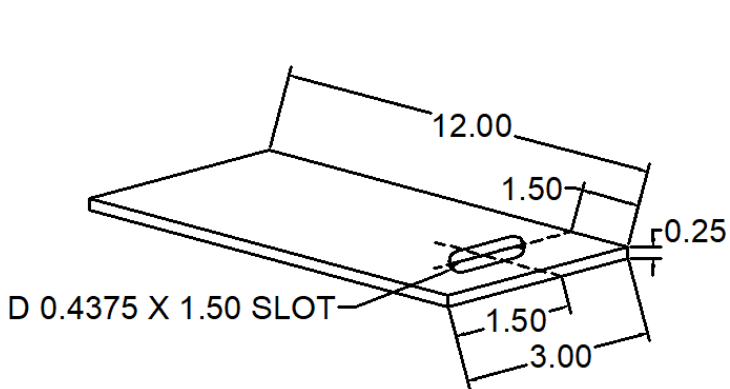
231
ANC-1033-231
ANCHOR CLIP



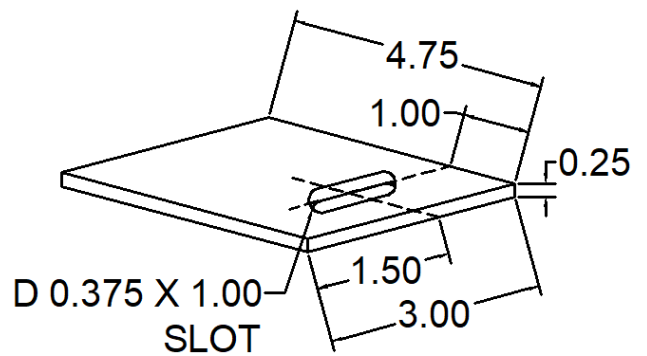
232
ANC-3337-232
ANCHOR CLIP



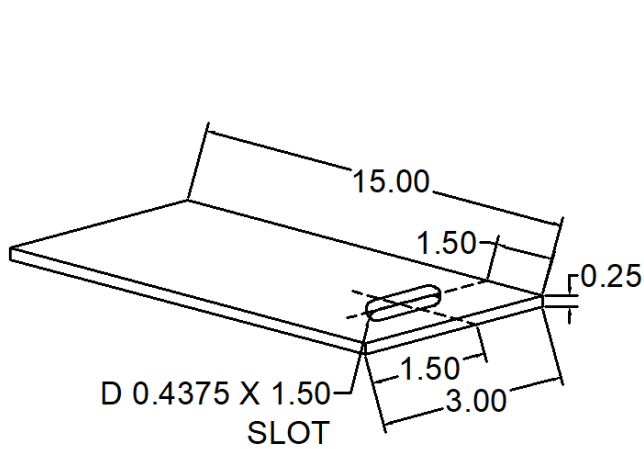
233
ANC-3012-233
WIND LOAD ANCHOR



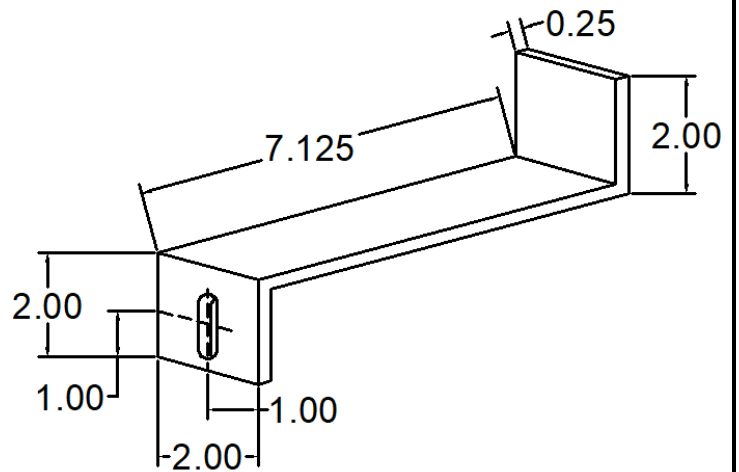
234
ANC-3012-234
WIND LOAD ANCHOR



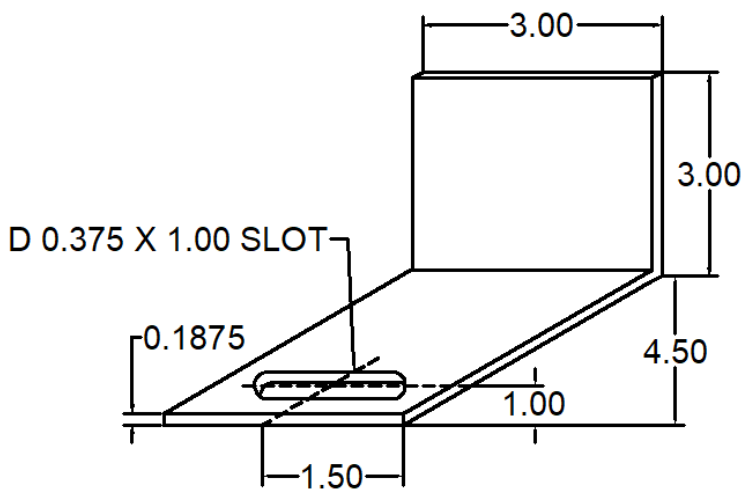
235
ANC-3475-235
WIND LOAD ANCHOR



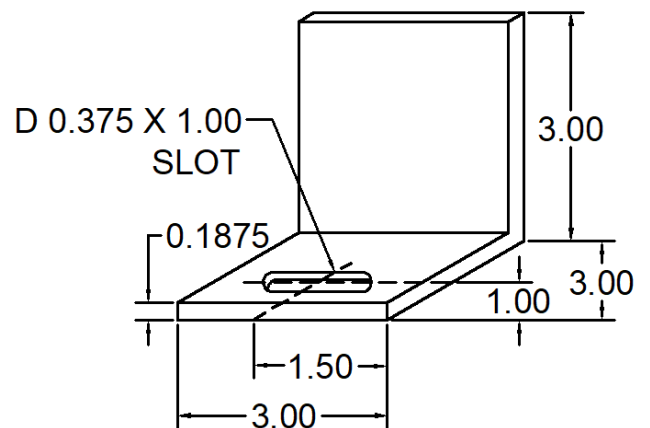
236
ANC-3015-236
WIND LOAD ANCHOR



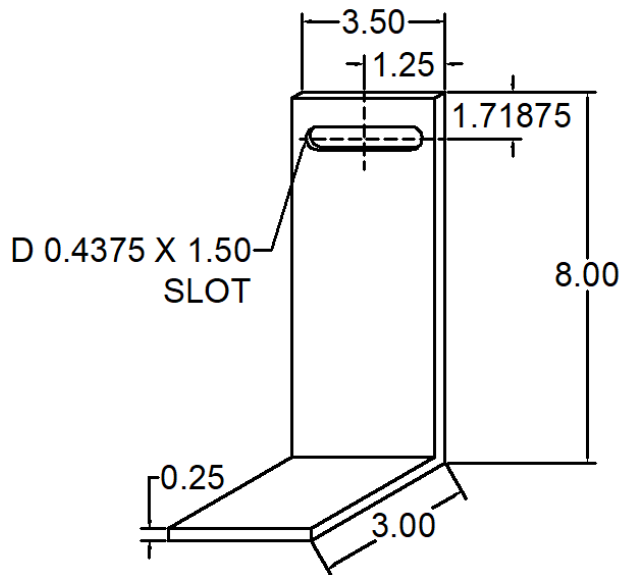
237
ANC-2722-237
WIND LOAD STAND OFF



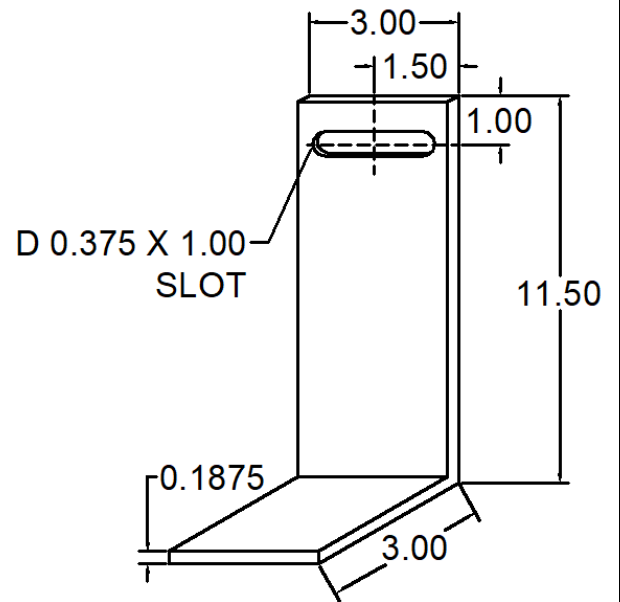
238
ANC-4303-238
WIND LOAD CLIP



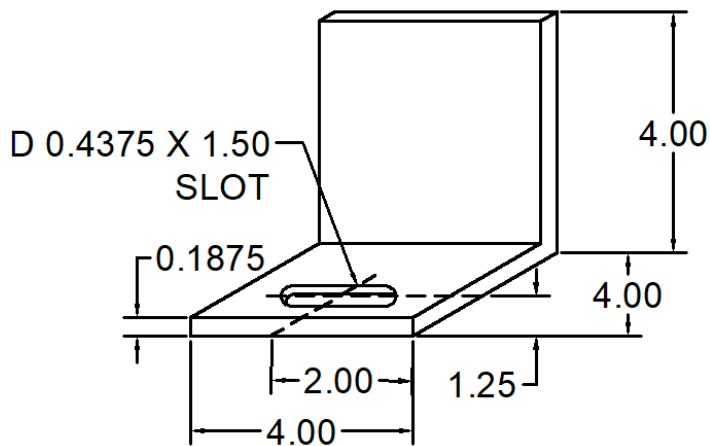
239
ANC-3303-239
WIND LOAD CLIP



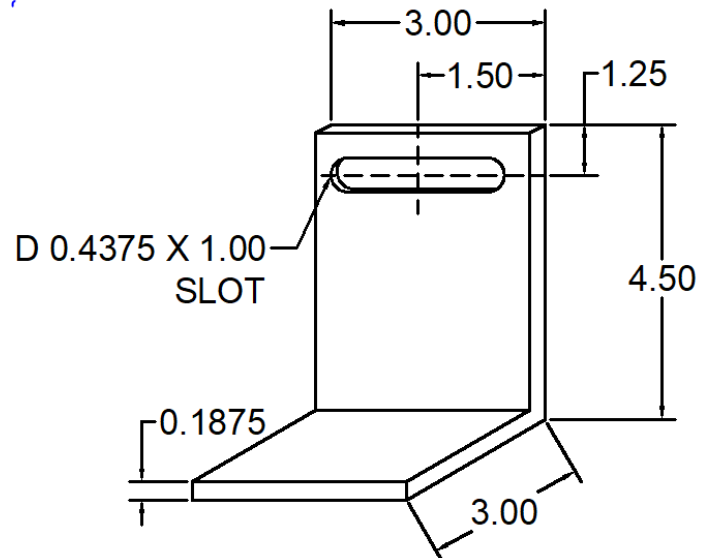
240
ANC-3804-240
WIND LOAD CLIP



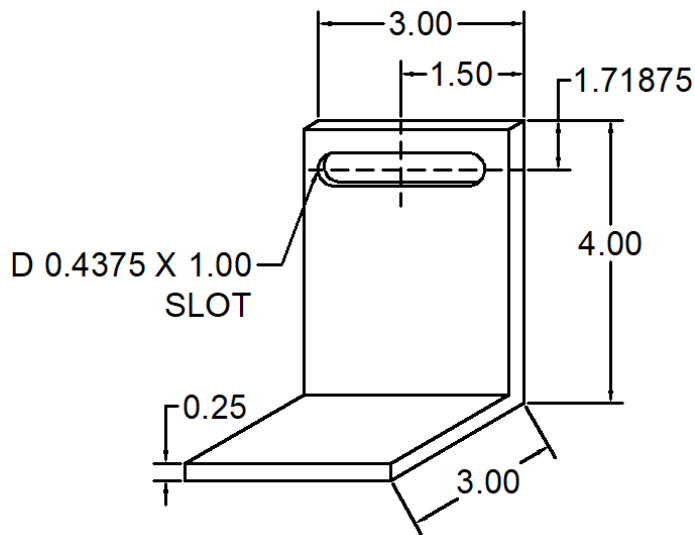
241
ANC-1133-241
WIND LOAD CLIP



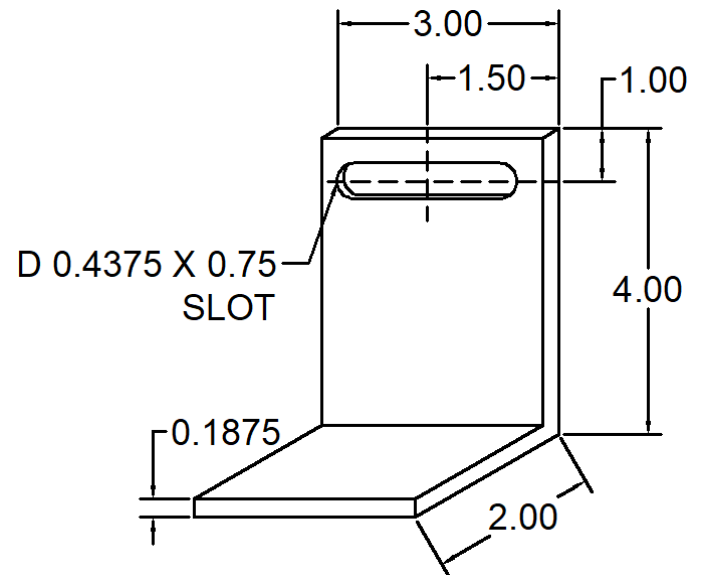
242
ANC-4404-242
WIND LOAD CLIP



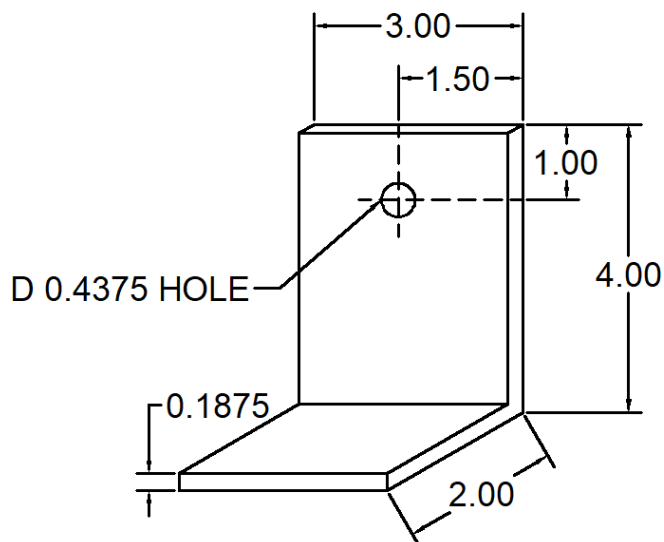
243
ANC-4533-243
WIND LOAD CLIP



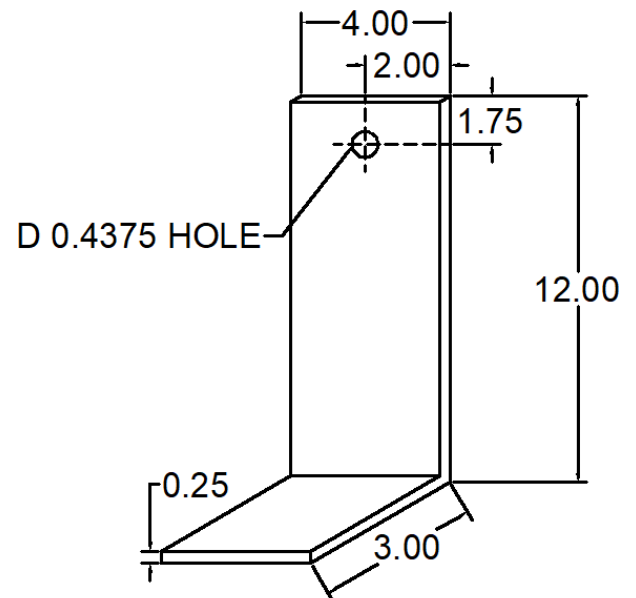
244
ANC-4303-244
WIND LOAD CLIP



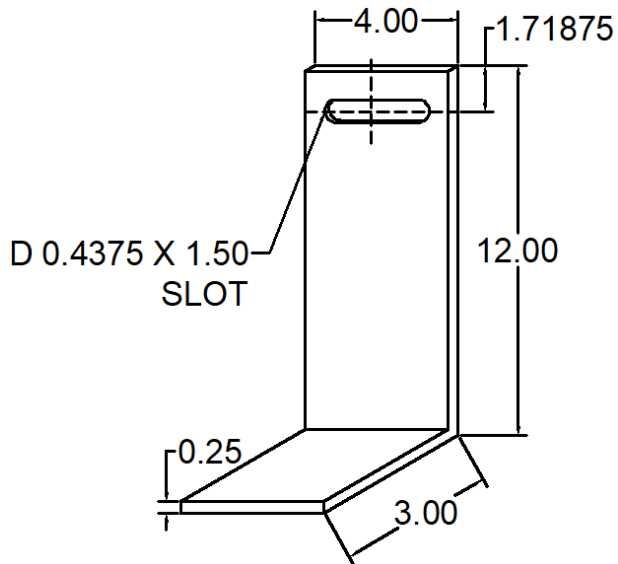
245
ANC-4203-245
WIND LOAD CLIP



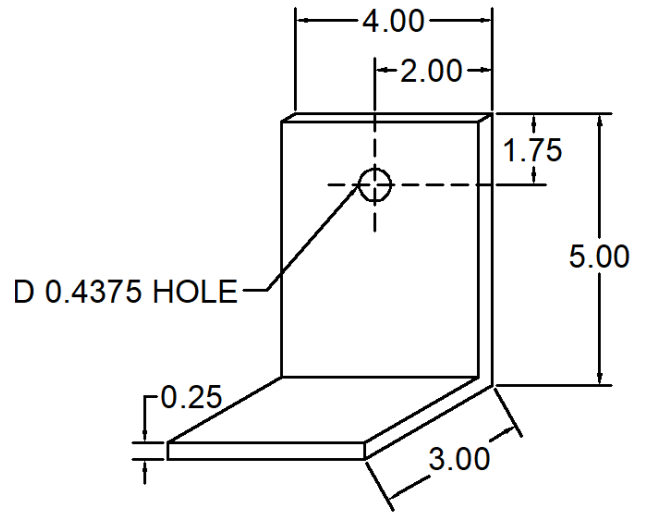
246
ANC-4203-246
DEAD LOAD CLIP



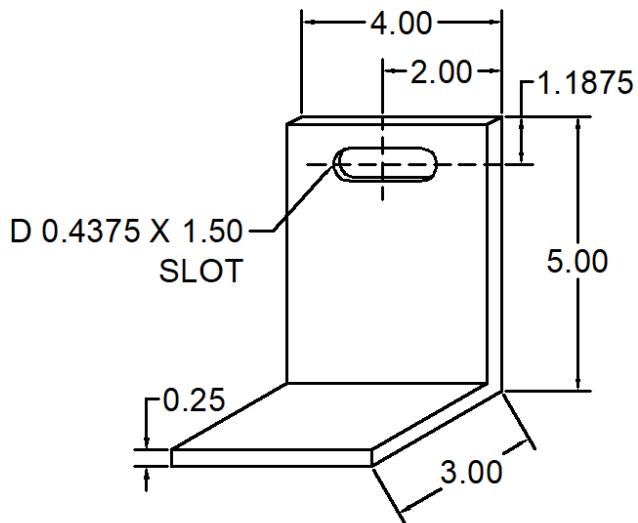
247
ANC-3124-247
DEAD LOAD CLIP



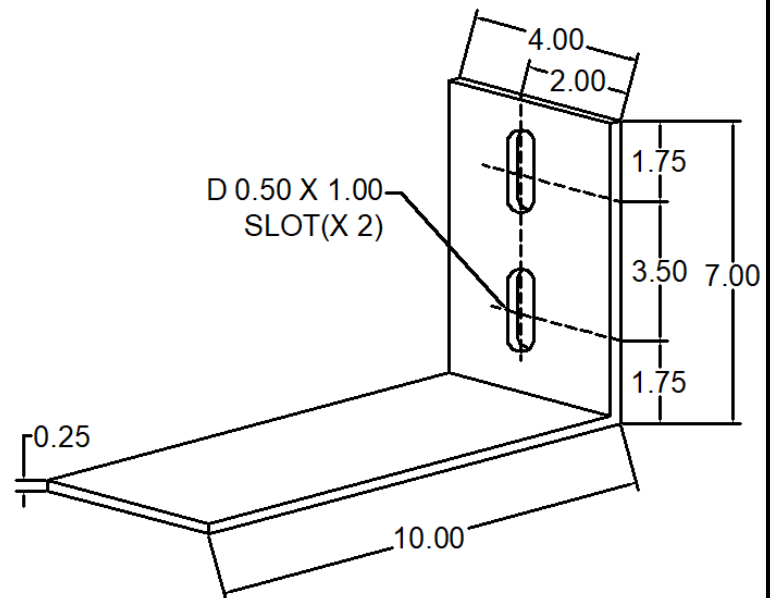
248
ANC-3124-248
WIND LOAD CLIP



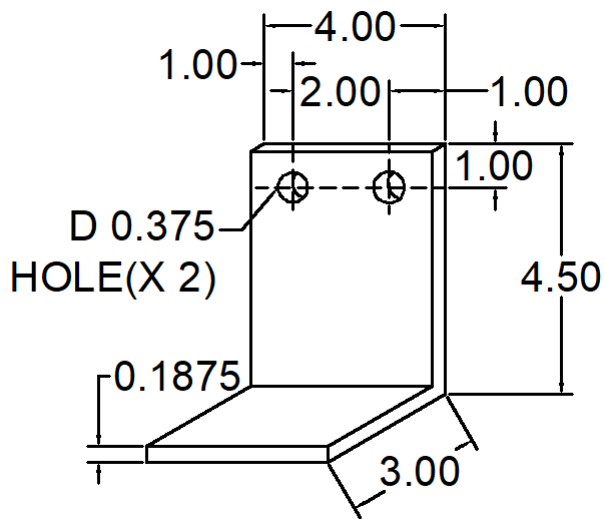
249
ANC-3504-249
DEAD LOAD CLIP



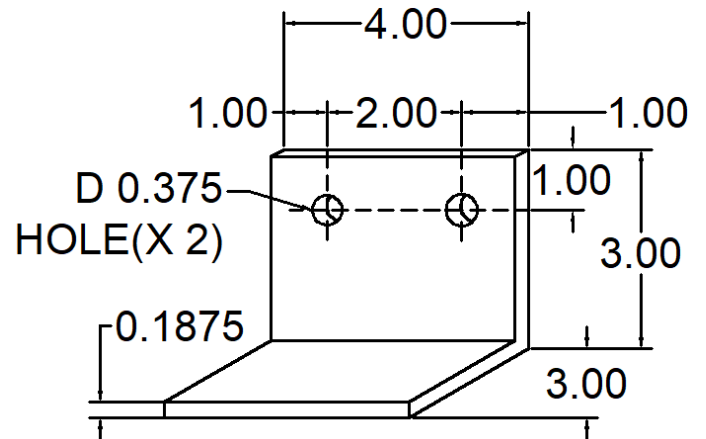
250
ANC-3504-250
WIND LOAD CLIP



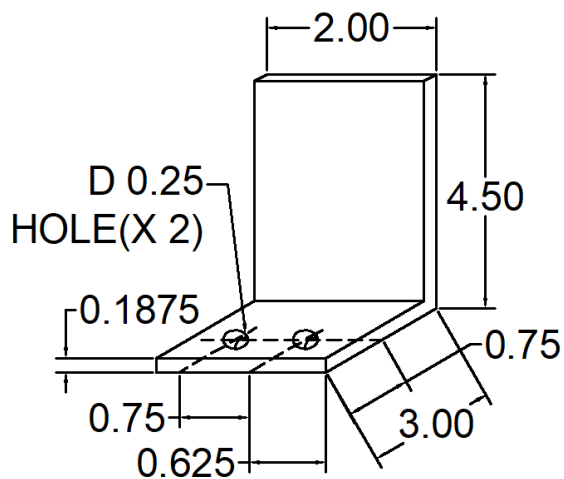
251
ANC-7104-251
WIND LOAD CLIP



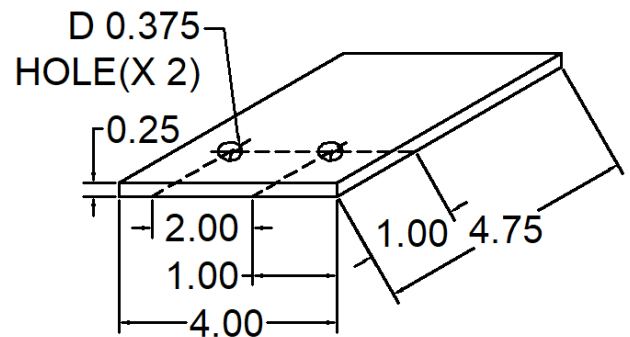
252
ANC-4534-252
DEAD LOAD ANCHOR



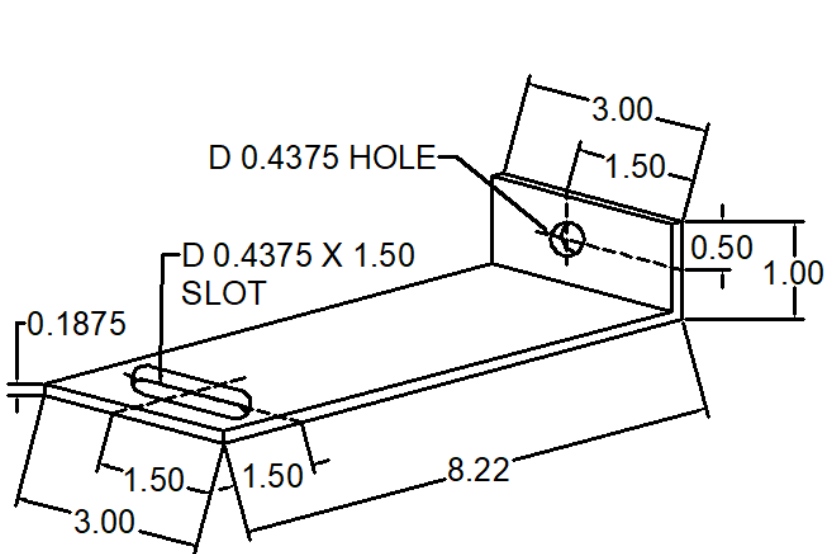
253
ANC-3304-253
DEAD LOAD ANCHOR



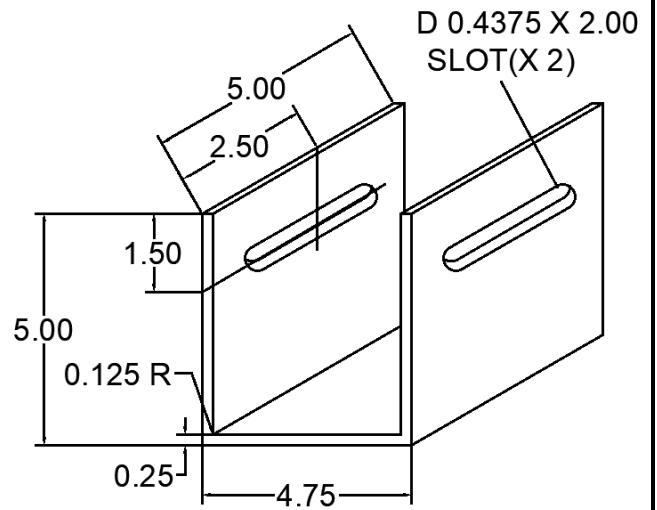
254
ANC-3402-254
DEAD LOAD CLIP



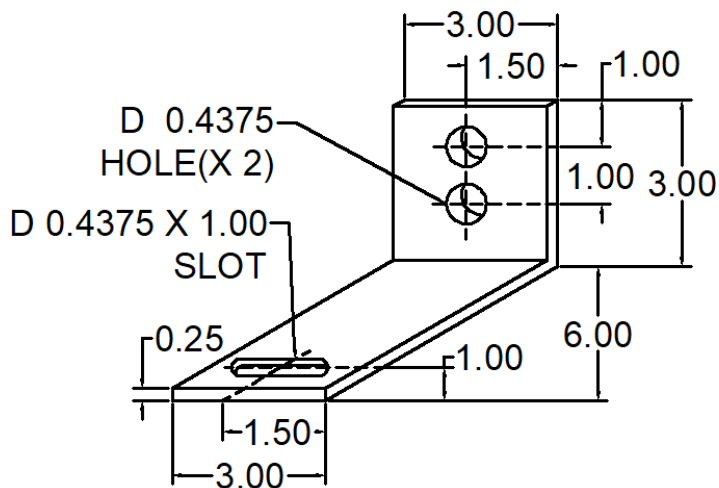
255
ANC-4475-255
DEAD LOAD ANCHOR



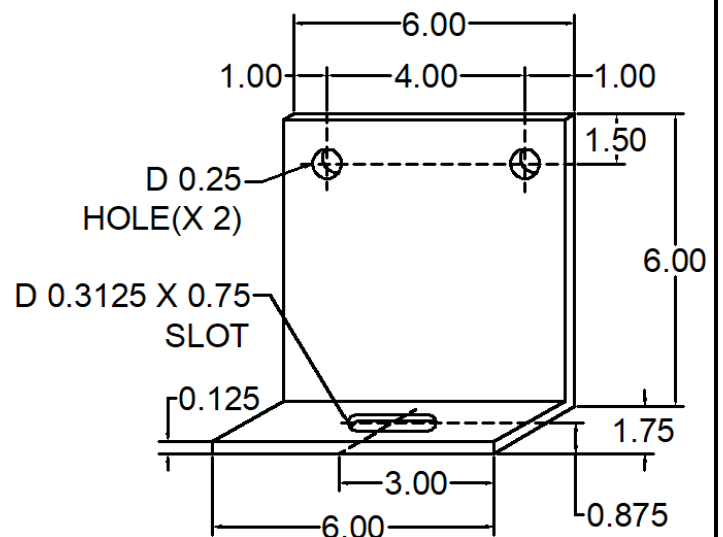
256
ANC-9103-256
WIND LOAD ANCHOR



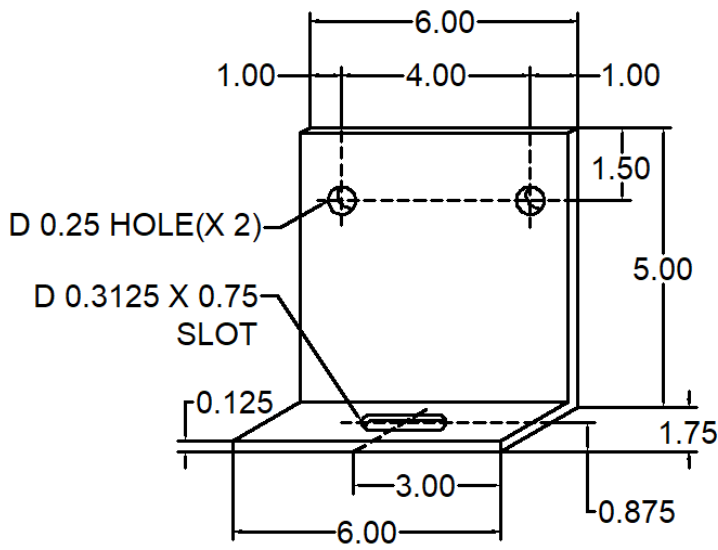
257
ANC-3382-257
MULLIAN WRAP



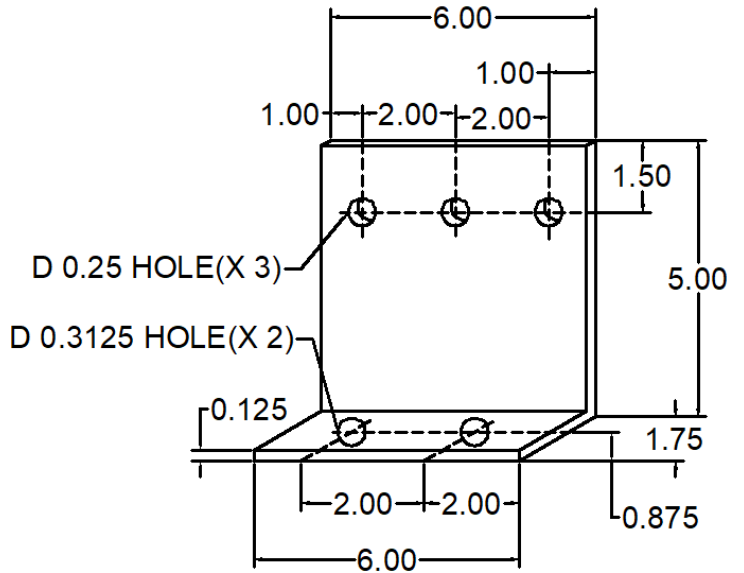
258
ANC-6303-258
WIND LOAD CLIP



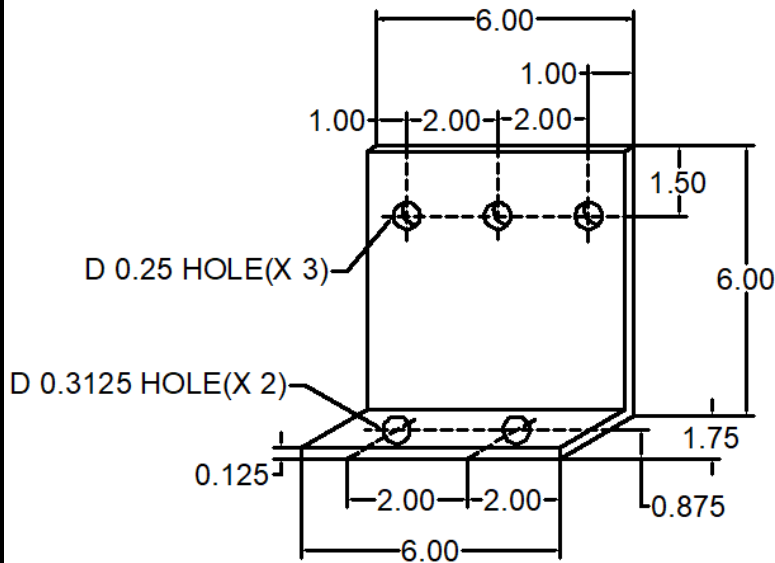
259
ANC-1766-259
WIND LOAD ANCHOR



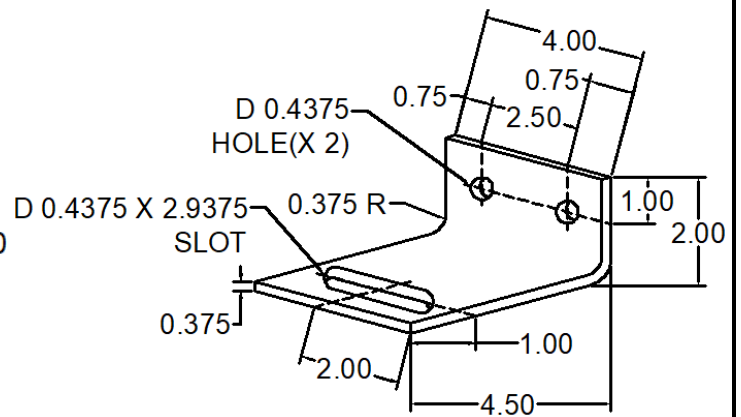
260
ANC-1756-260
WIND LOAD ANCHOR



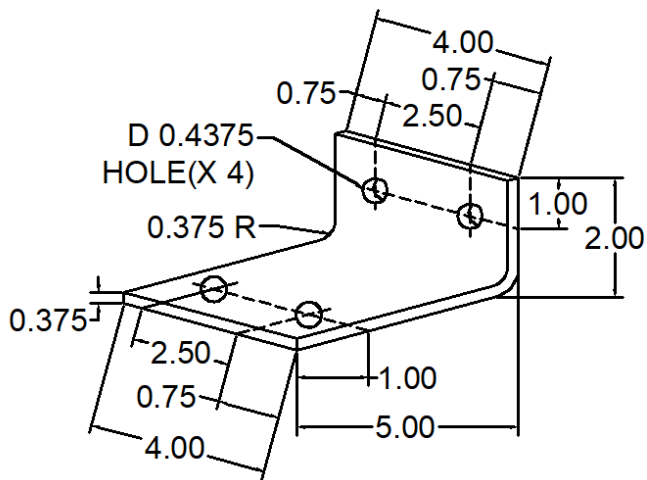
261
ANC-1756-261
DEAD LOAD ANCHOR



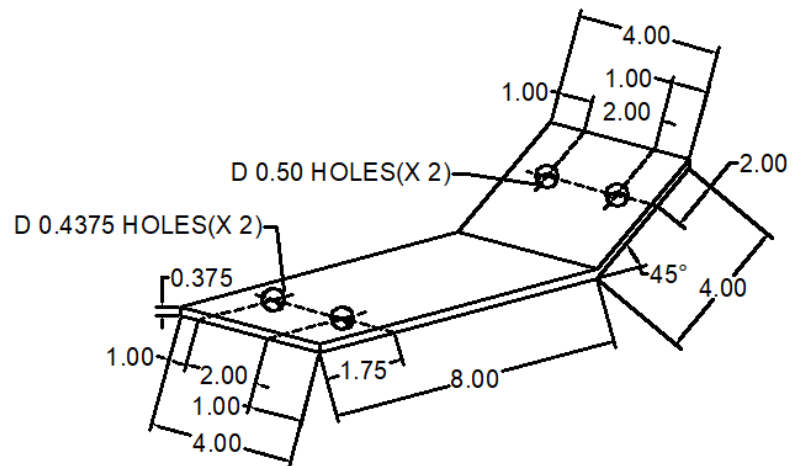
262
ANC-1766-262
DEAD LOAD ANCHOR



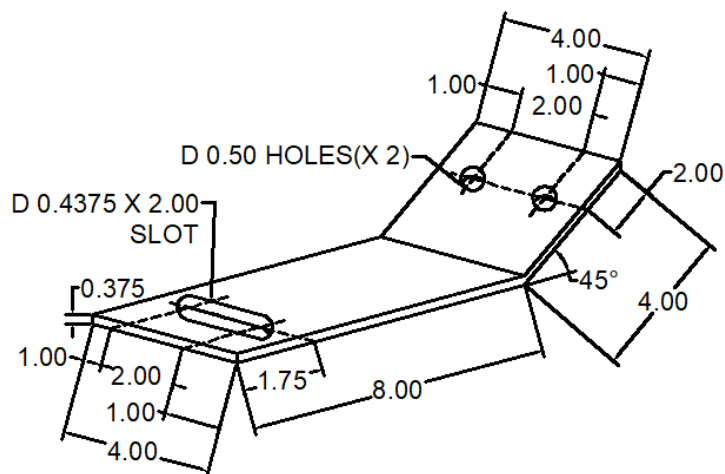
263
ANC-5204-263
WIND LOAD ANCHOR



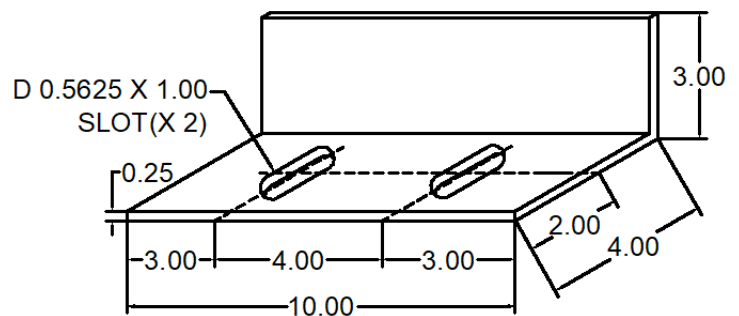
264
ANC-5204-264
DEAD LOAD ANCHOR



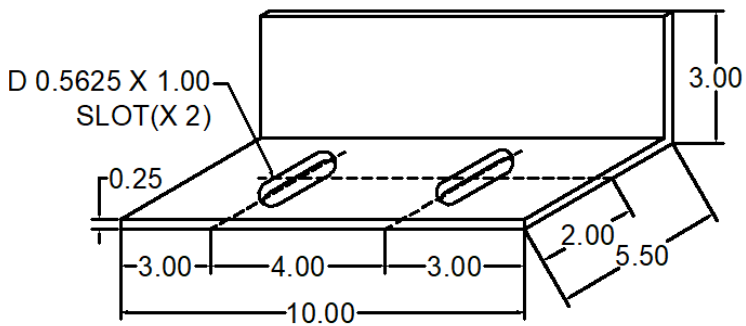
265
ANC-4012-265
DEAD LOAD ANCHOR



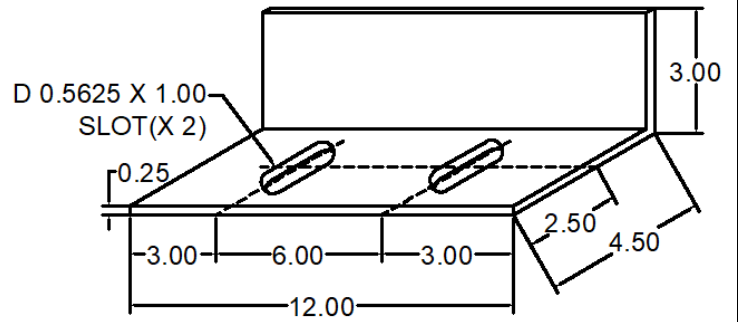
266
ANC-4012-266
WIND LOAD ANCHOR



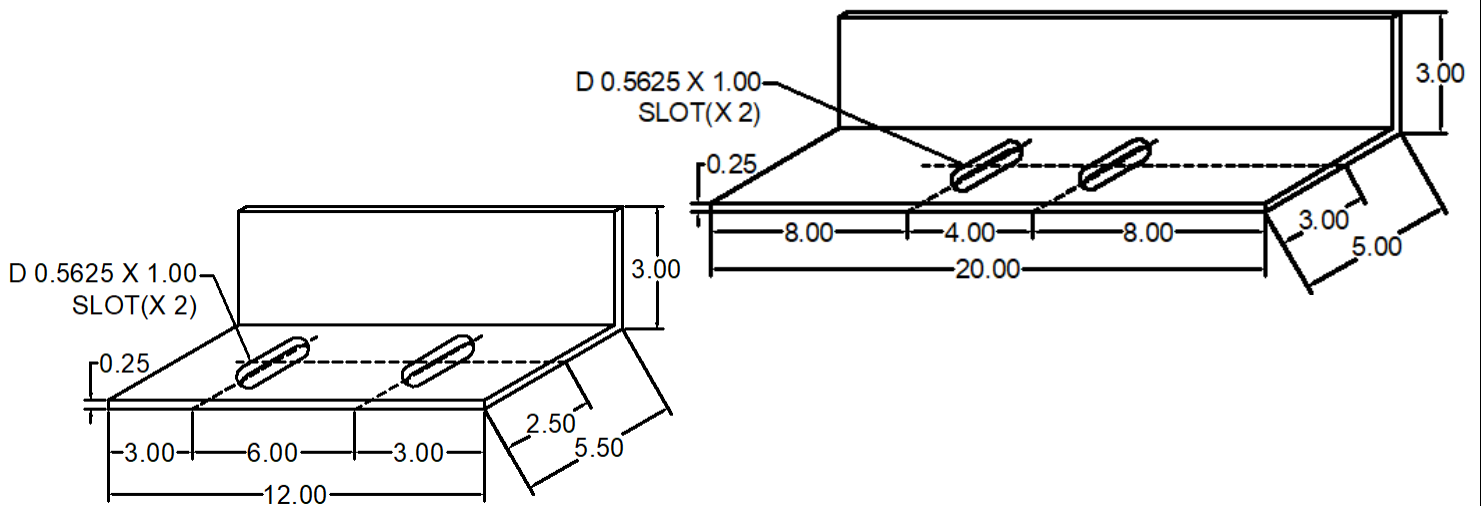
267
STL-3410-267
WIND LOAD CLIP



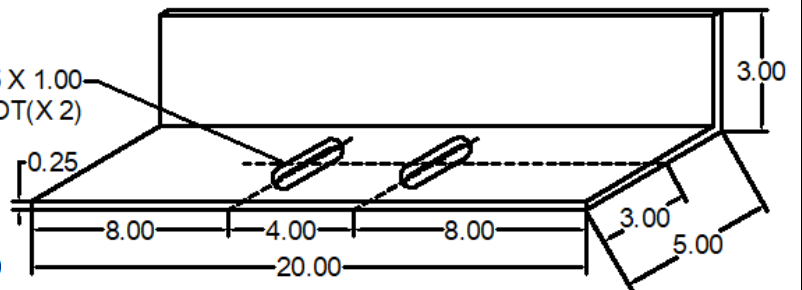
268
STL-3610-268
WIND LOAD CLIP



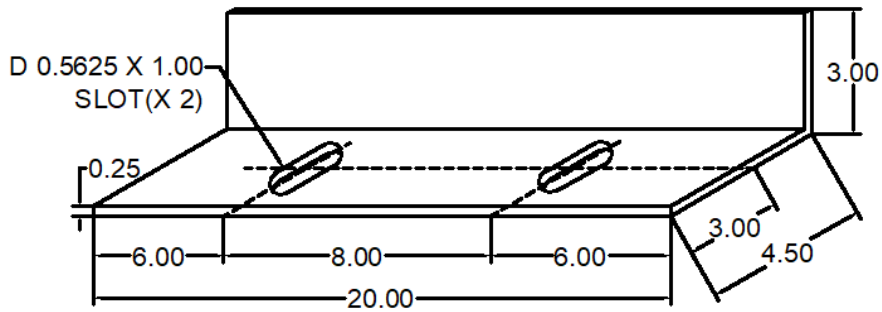
269
STL-3512-269
WIND LOAD CLIP



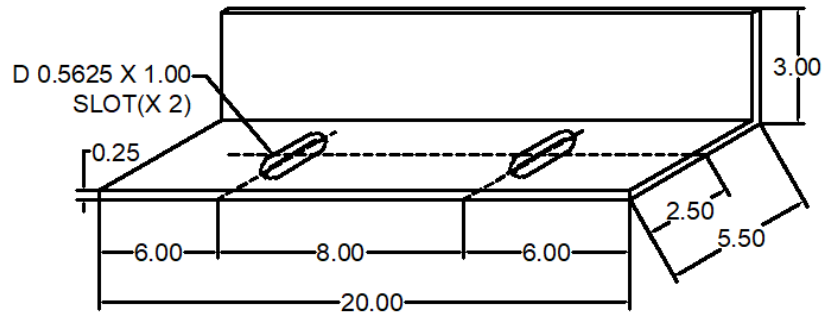
270
STL-3612-270
WIND LOAD CLIP



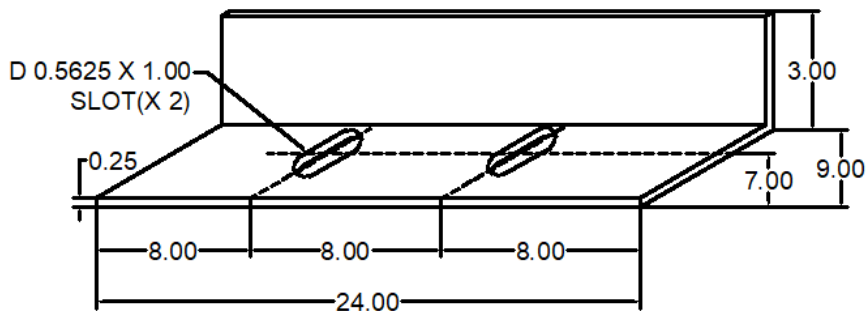
271
STL-3520-271
WIND LOAD CLIP



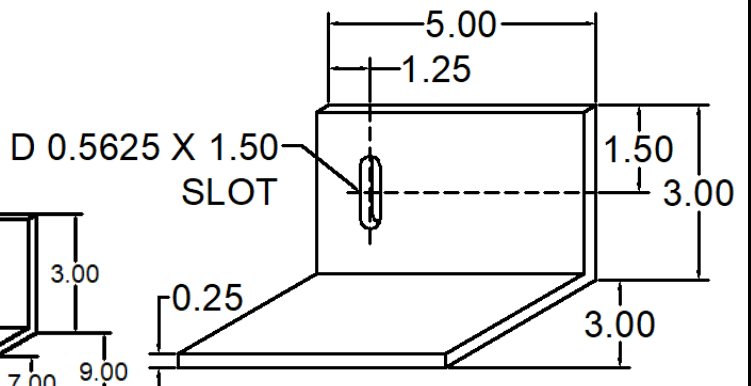
272
STL-3420-272
WIND LOAD CLIP



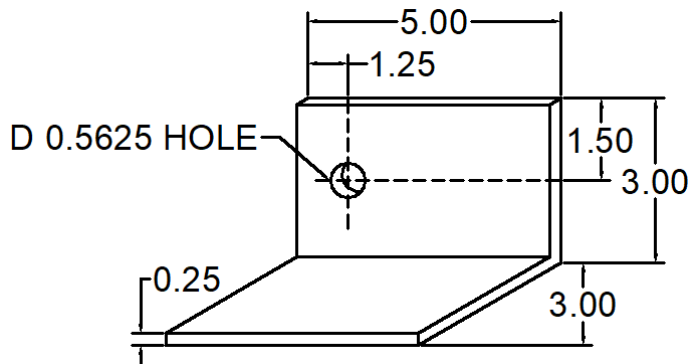
273
STL-3620-273
WIND LOAD CLIP



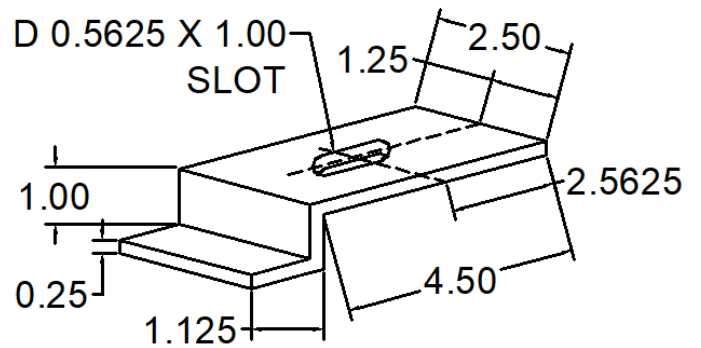
274
STL-3924-274
WIND LOAD CLIP



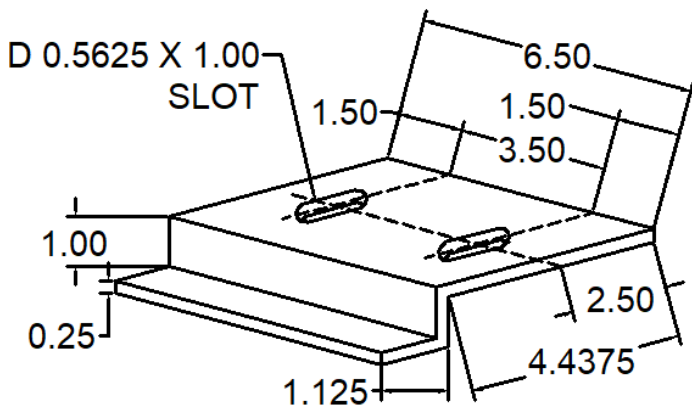
275
STL-3305-275
WIND LOAD CLIP



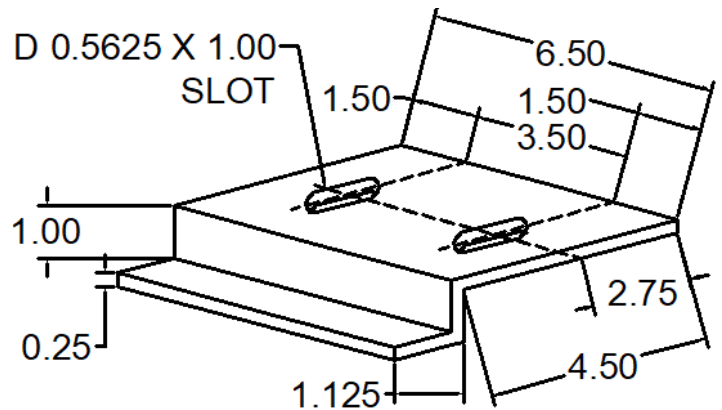
276
STL-3305-276
DEAD LOAD CLIP



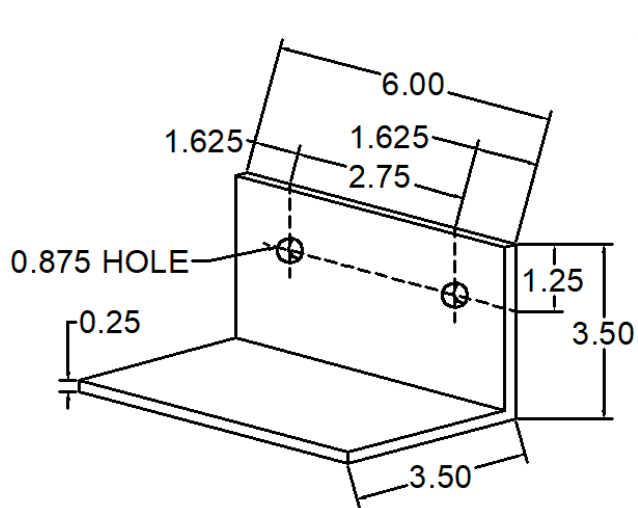
277
STZ-2545-277
WIND LOAD OFFSET



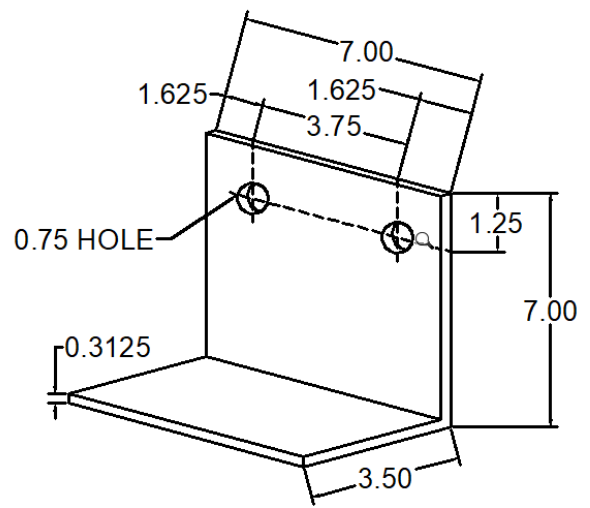
278
STZ-6547-278
WIND LOAD OFFSET



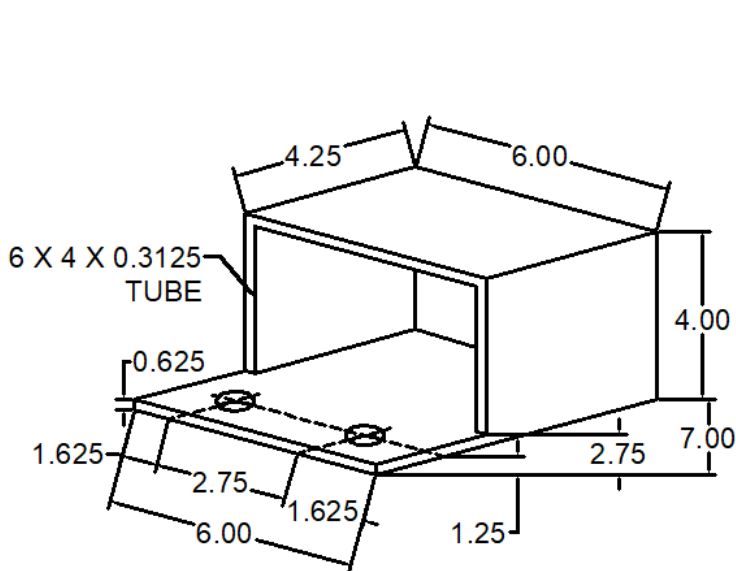
279
STZ-6545-279
WIND LOAD OFFSET



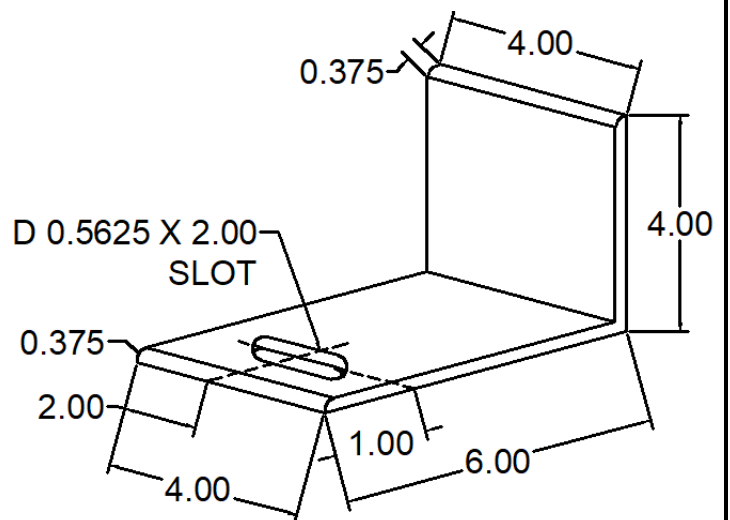
280
ANC-3535-280
DEAD LOAD CLIP



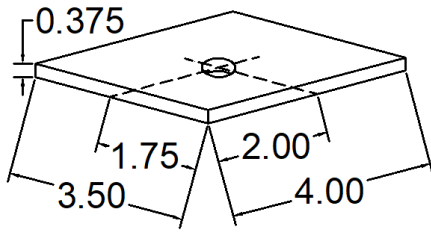
281
ANC-3577-281
DEAD LOAD CLIP



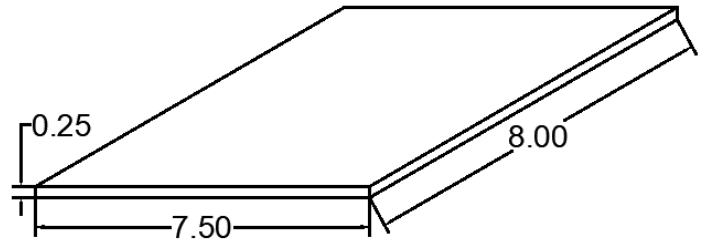
282
TUB-4607-282
DEAD LOAD ANCHOR
WELD TO BEAM



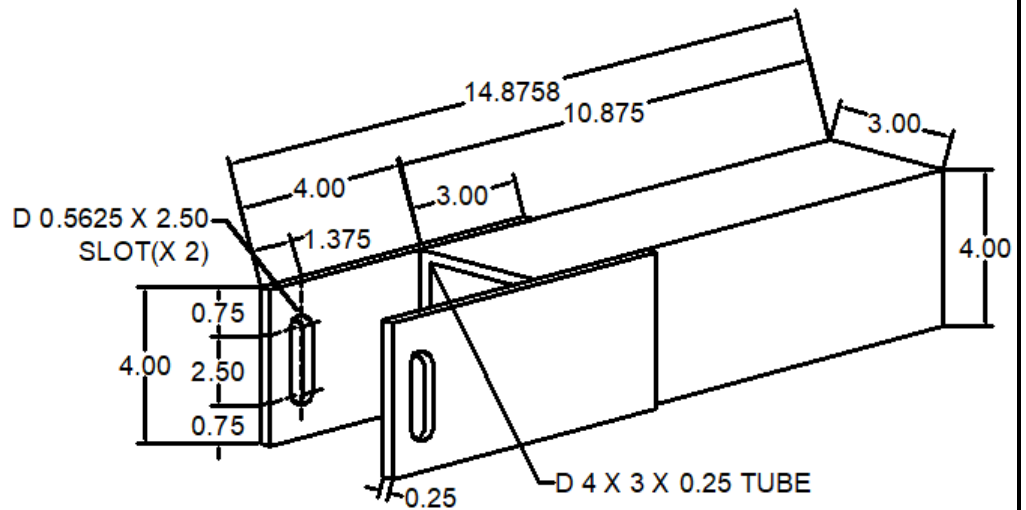
283
ANC-6404-283
WIND LOAD CLIP



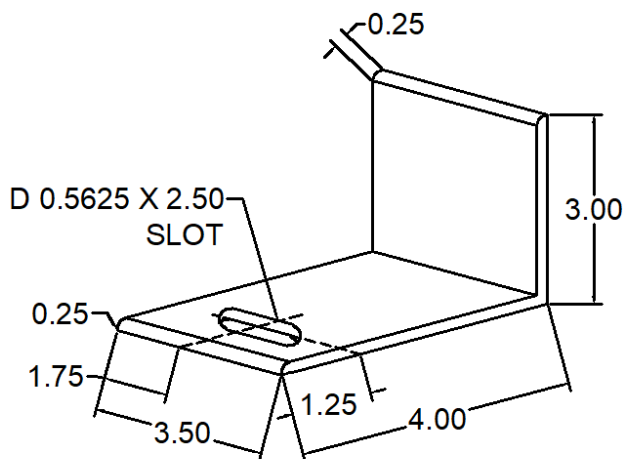
284
PLA-4035-284
SHIM PLATE



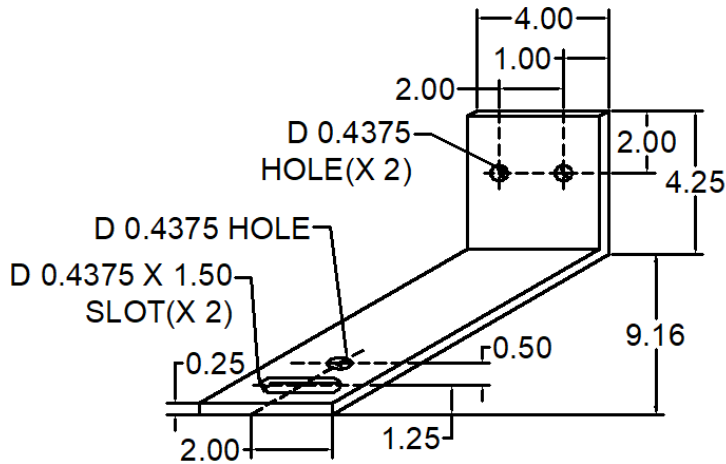
285
PLA-8075-285
PLATE BACK UP



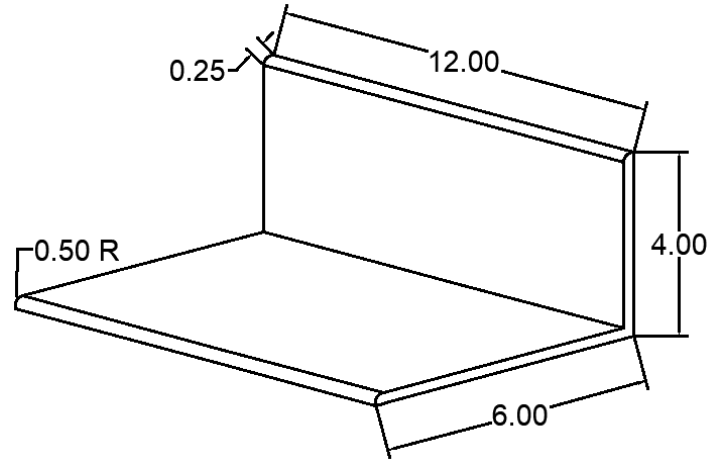
287
TUB-4315-287
WIND LOAD WELD TO
BEAM BACK UP



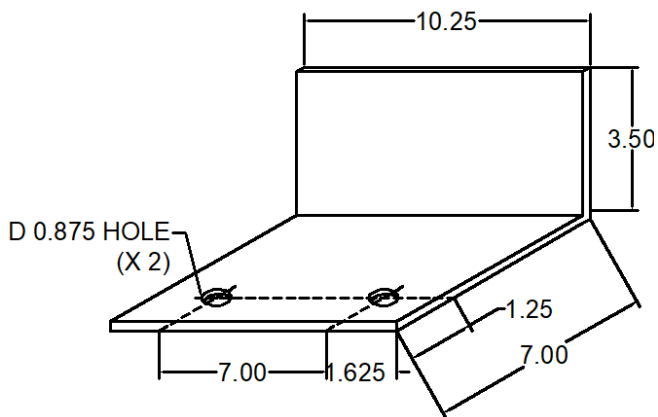
286
ANC-4335-286
WIND LOAD CLIP



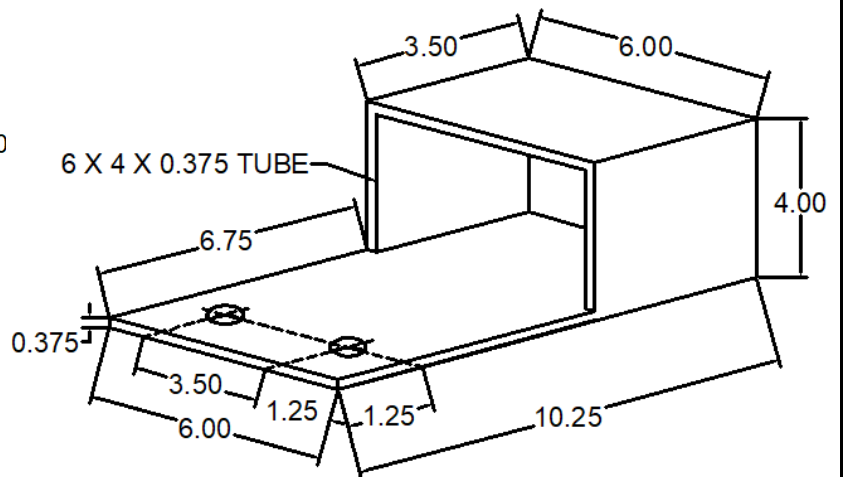
288
ANC-4894-288
WIND LOAD CLIP



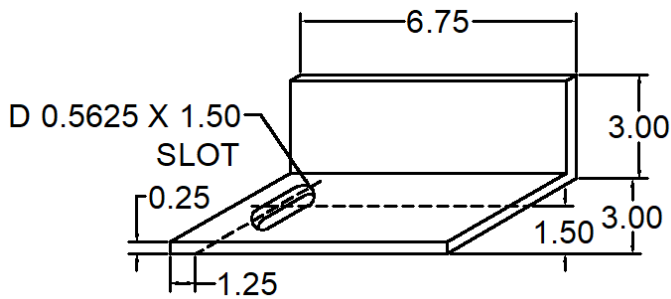
289
ANC-3535-289
ANCHOR CLIP



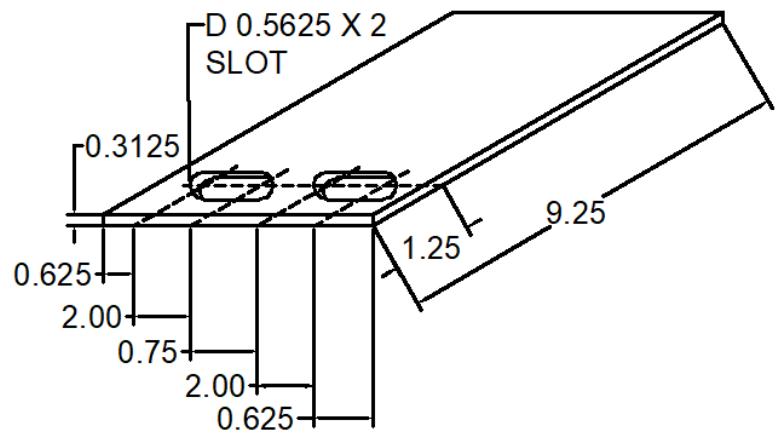
290
ANC-3577-290
DEAD LOAD CLIP



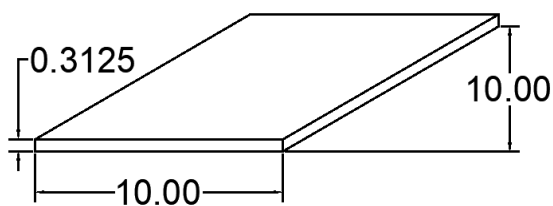
291
TUB-6410-291
DEAD LOAD ANCHOR
WELD TO COLUMN/BEAM



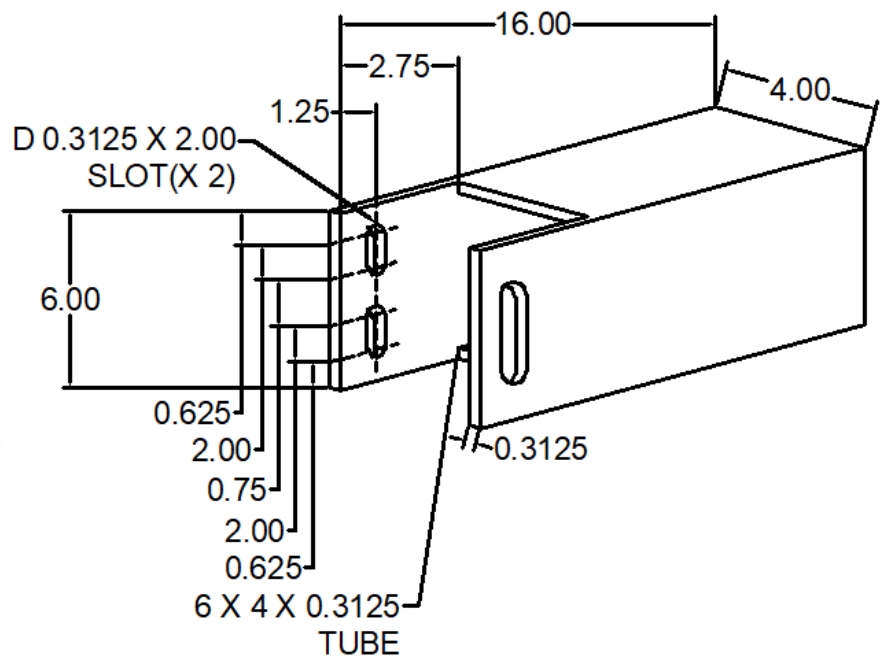
292
ANC-3367-292
WIND LOAD CLIP



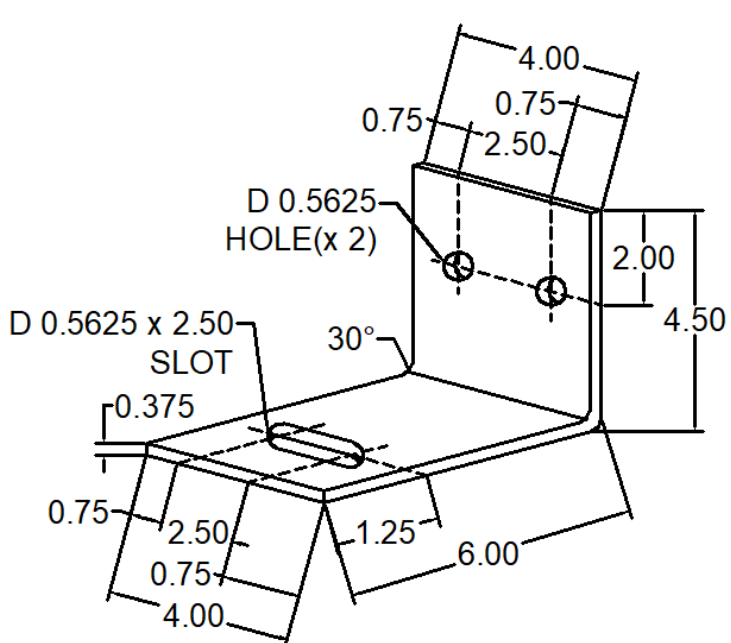
293
ANC-6925-293
WIND LOAD CLIP



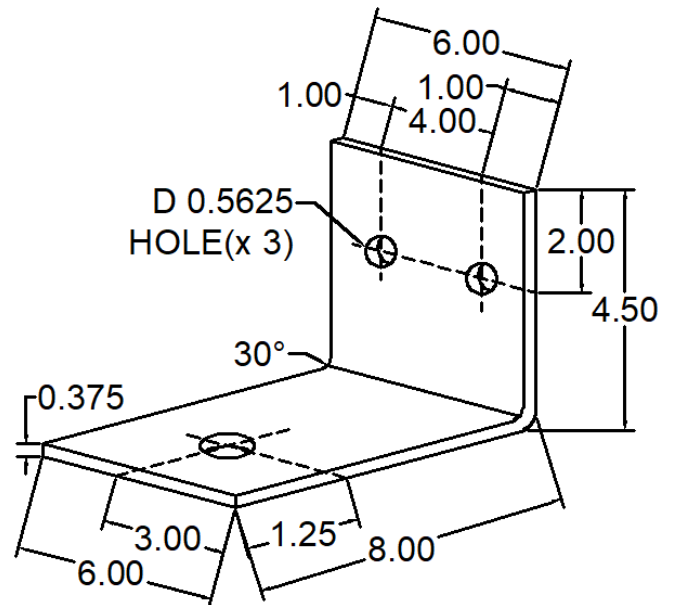
294
ANC-1010-294
TIE BACK PLATE ANCHOR



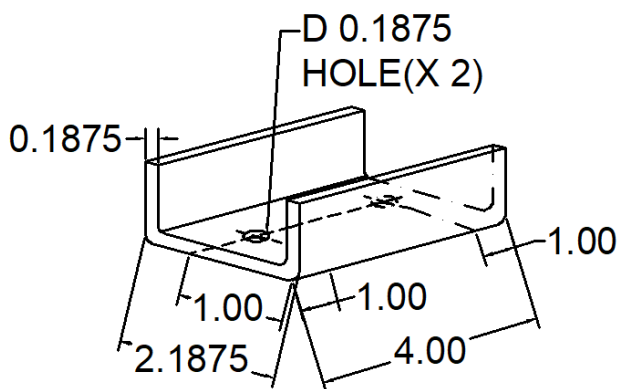
295
ANC-6416-295
WIND LOAD CLIP



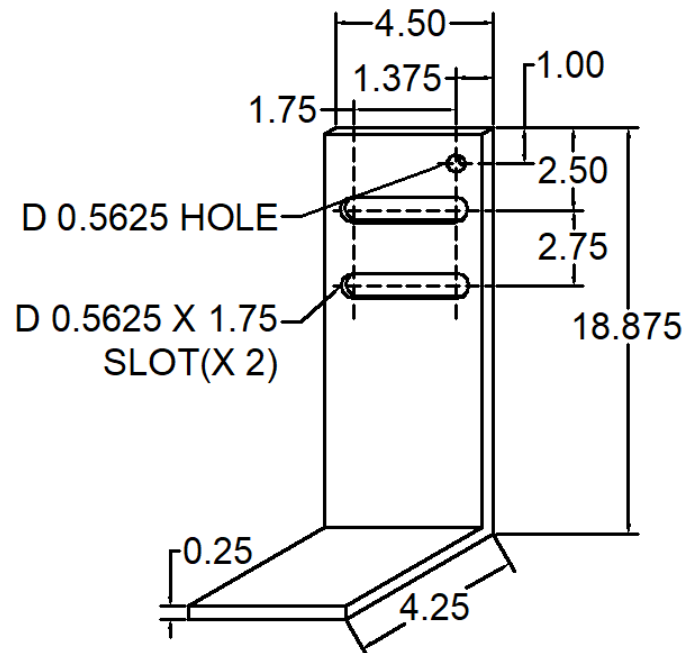
296
ANC-4564-296
WIND LOAD CLIP



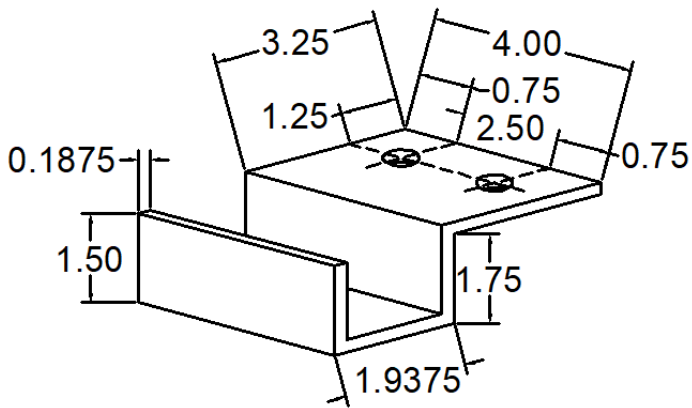
297
ANC-4586-297
DEAD LOAD CLIP



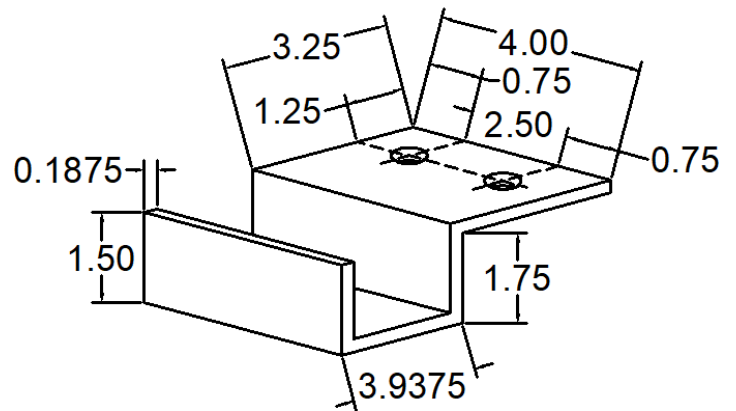
298
ANC-1504-298
WIND LOAD/ DEAD LOAD



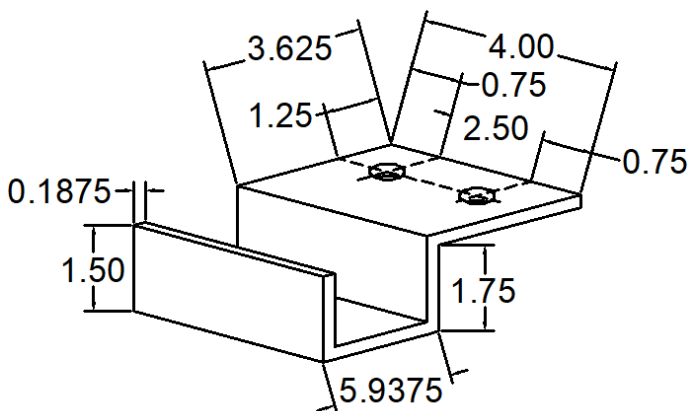
299
ANC-4519-299
WIND LOAD CLIP



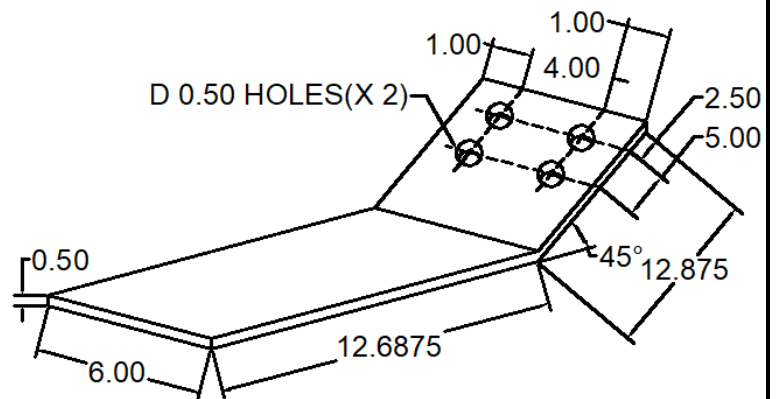
300
ANC-4155-300
FORMED HEAD ANCHOR



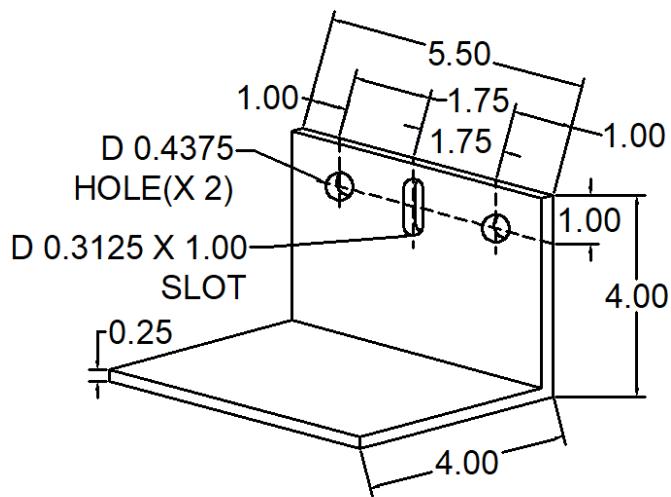
301
ANC-4173-301
FORMED HEAD ANCHOR



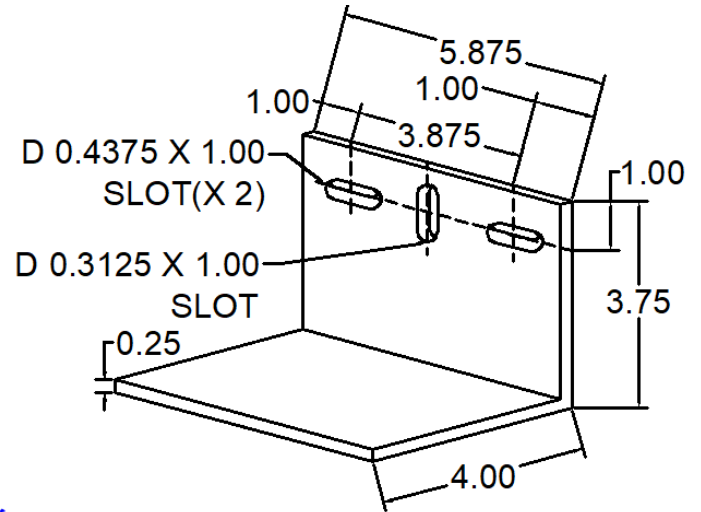
302
ANC-4193-302
FORMED HEAD ANCHOR



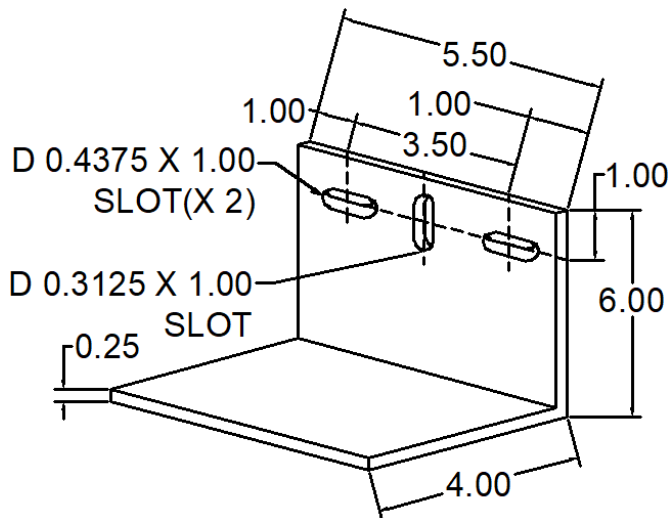
303
ANC-1506-303
DEAD LOAD ANCHOR



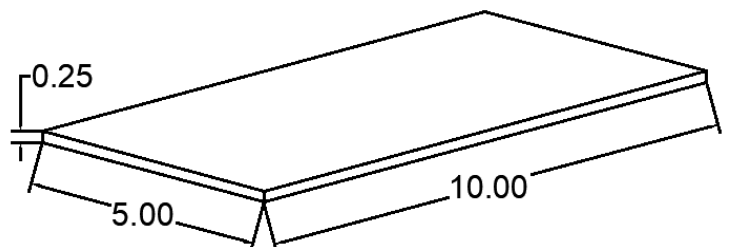
304
ANC-5544-304
DEAD LOAD CLIP



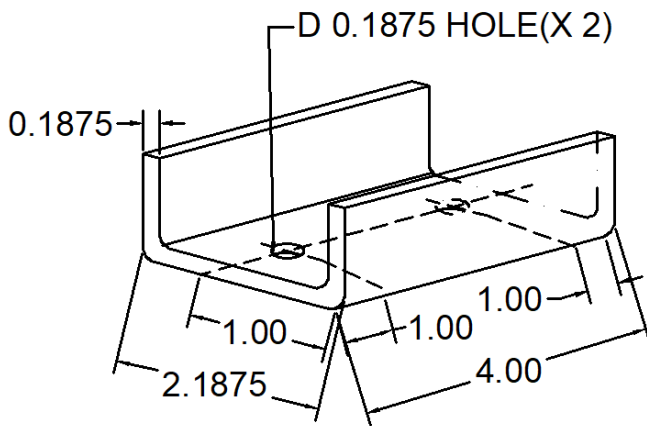
305
ANC-6374-305
DEAD LOAD CLIP



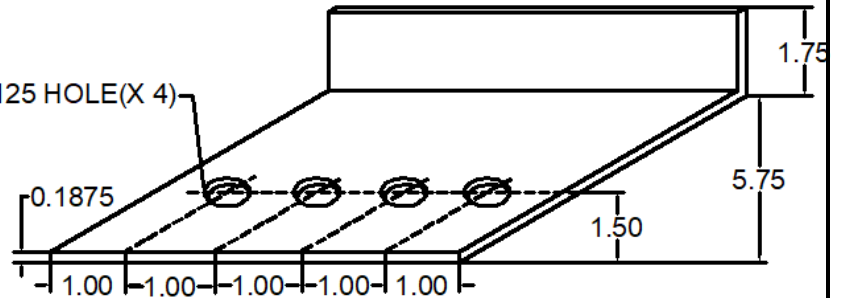
306
ANC-5564-306
DEAD LOAD CLIP



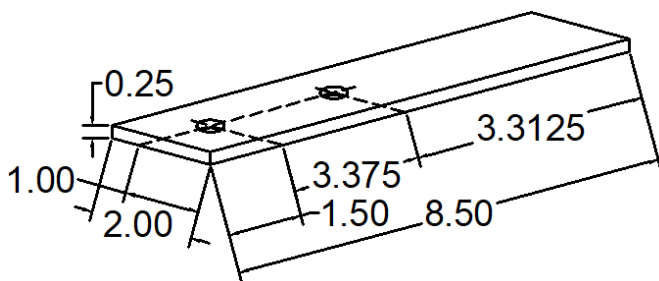
307
PLA-5010-307
TIE BACK EXTENTION CLIP



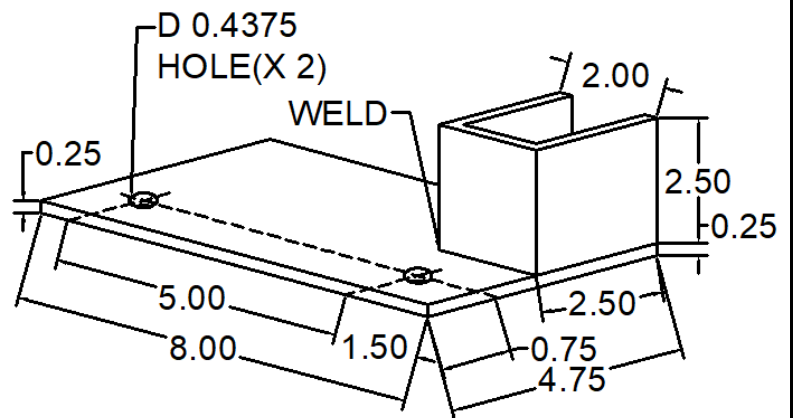
308
ANC-1504-308
Wind Load Dead Load



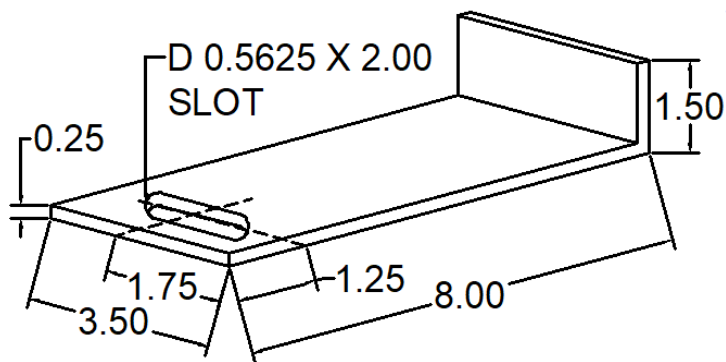
309
ANC-5575-309
DEAD LOAD CLIP



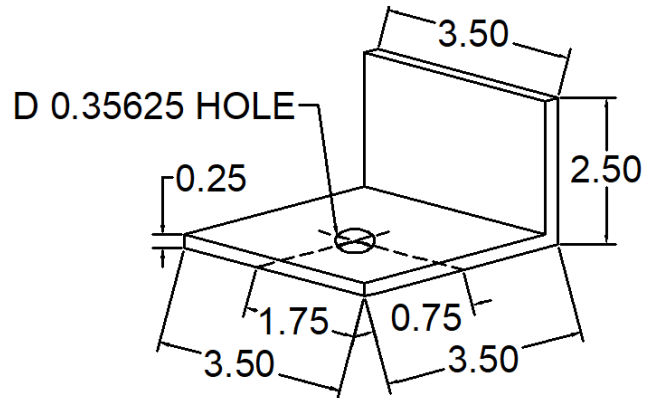
310
ALS-4285-310
ALUMINUM SPLICE PLATE



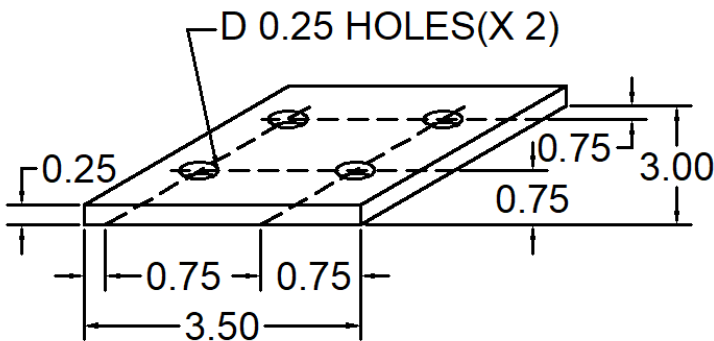
311
SAE-4758-311
EDGE OF SILL ANCHOR



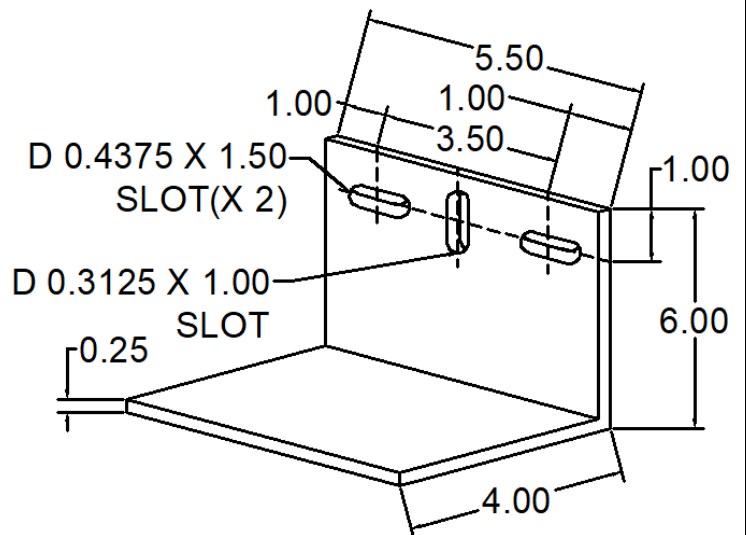
312
ANC-3508-312
WIND LOAD CLIP



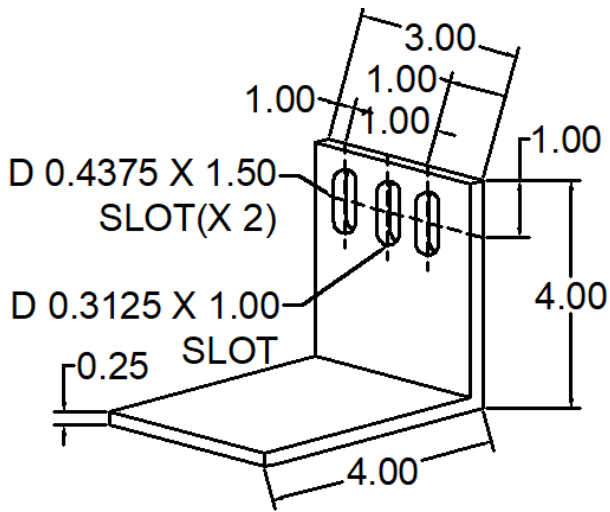
313
ANC-3525-313
DEAD LOAD CLIP



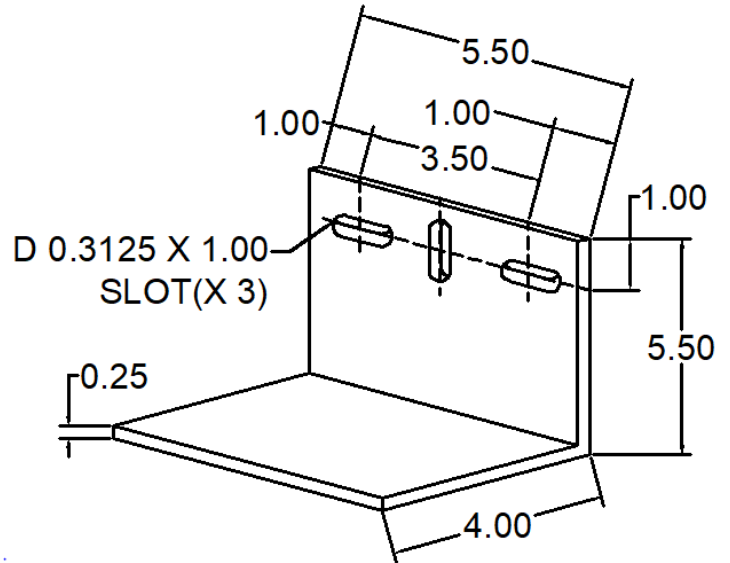
314
PLA-3035-314
SPLICE PLATE ANCHOR



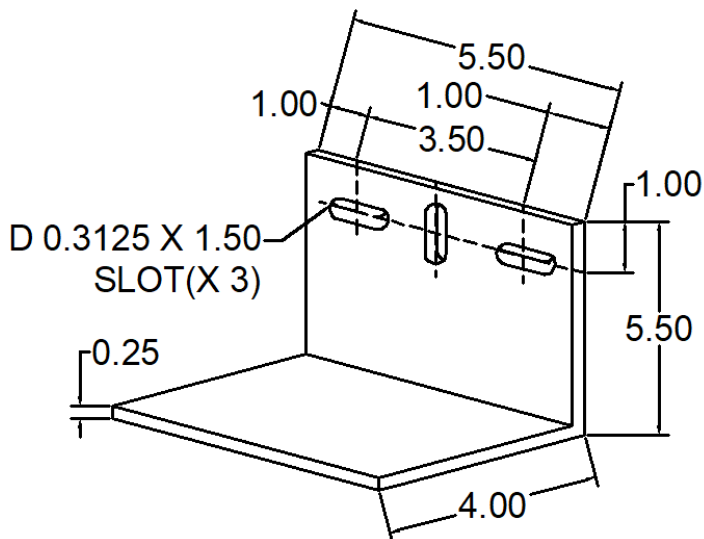
316
WLA-0406-316
WIND LOAD CLIP



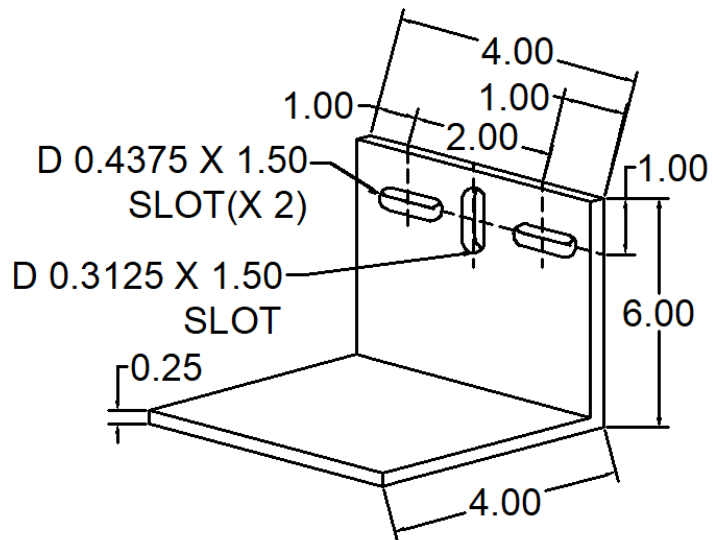
317
WLA-0404-317
WIND LOAD CLIP



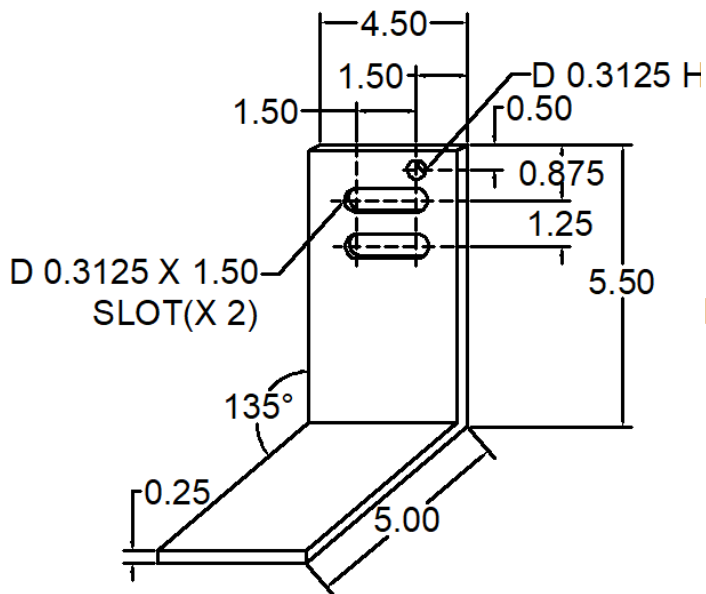
318
WLA-5595-318
WIND LOAD CLIP



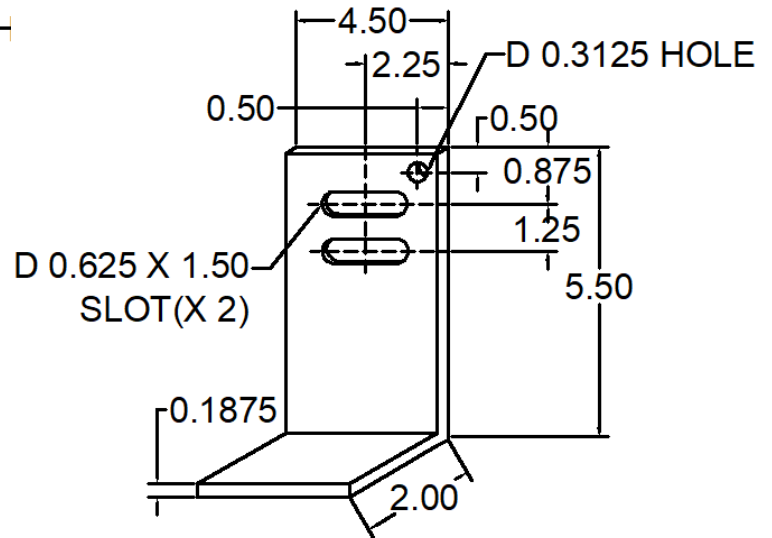
319
WLA-5595-319
WIND LOAD CLIP



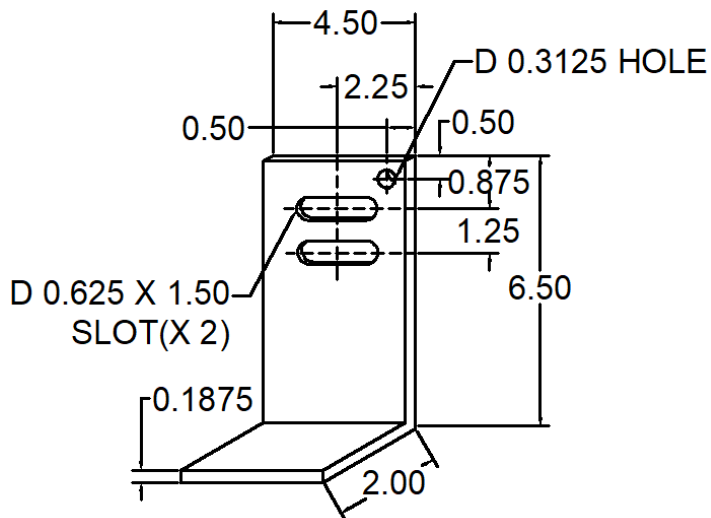
320
WLA-0406-320
WIND LOAD CLIP



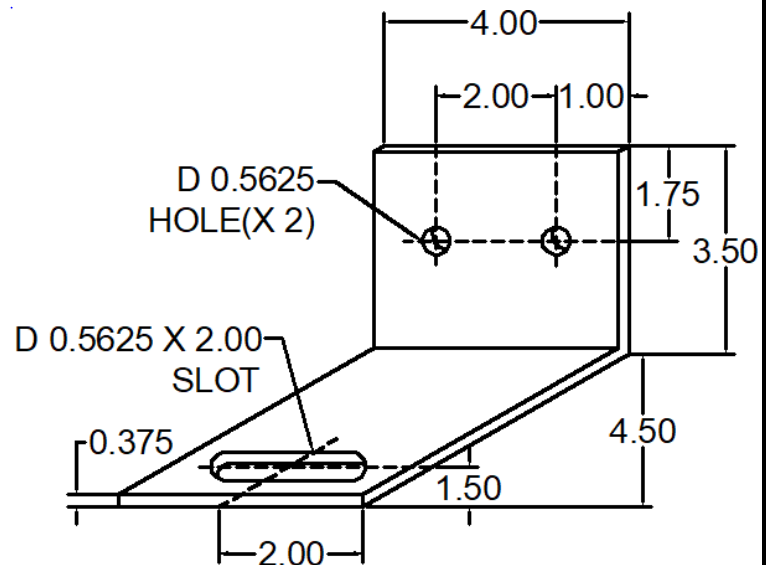
321
WLA-4509-321
WIND LOAD CLIP



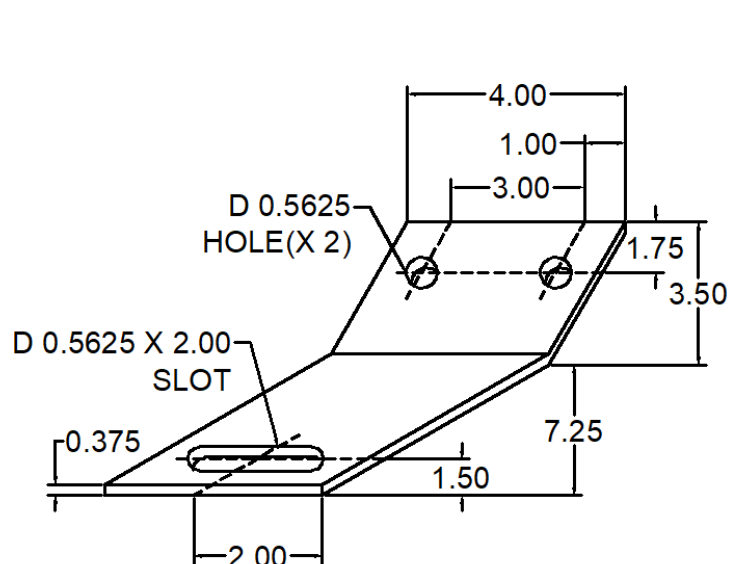
322
WLA-4565-322
WIND LOAD CLIP



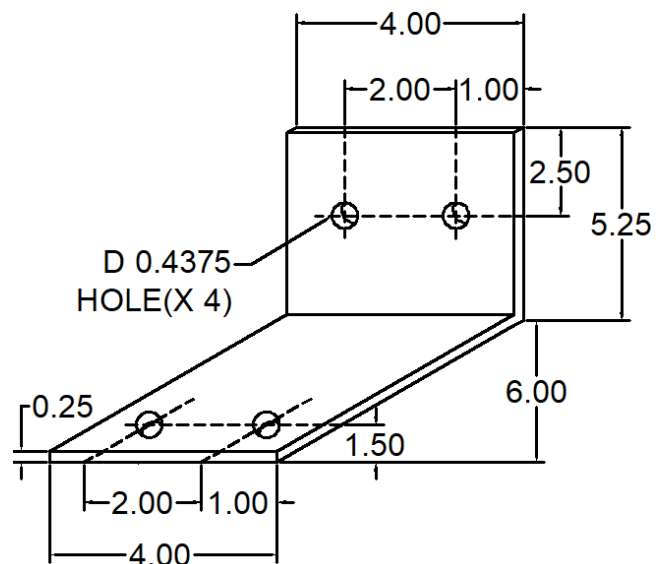
323
WLA-4555-323
WIND LOAD CLIP



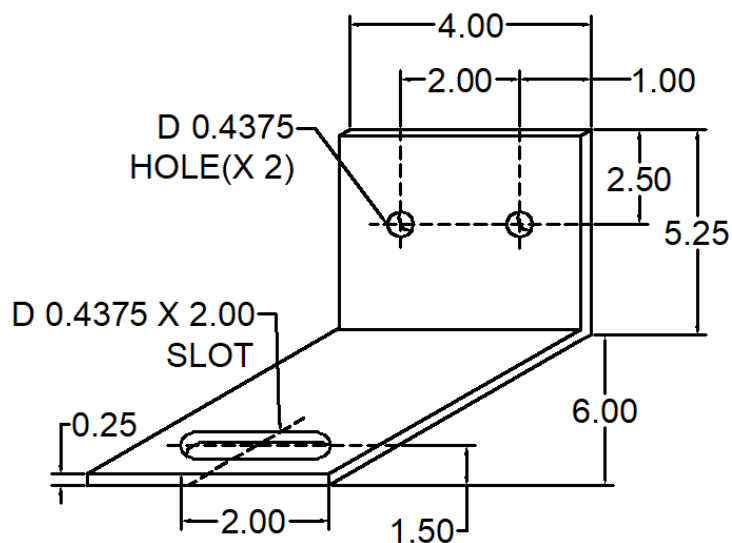
324
ANC-4535-324
WIND LOAD CLIP



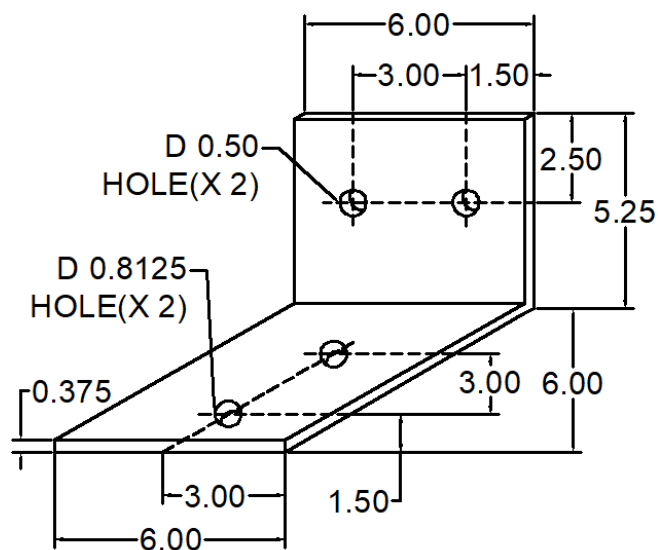
325
ANC-4072-325
WIND LOAD CLIP



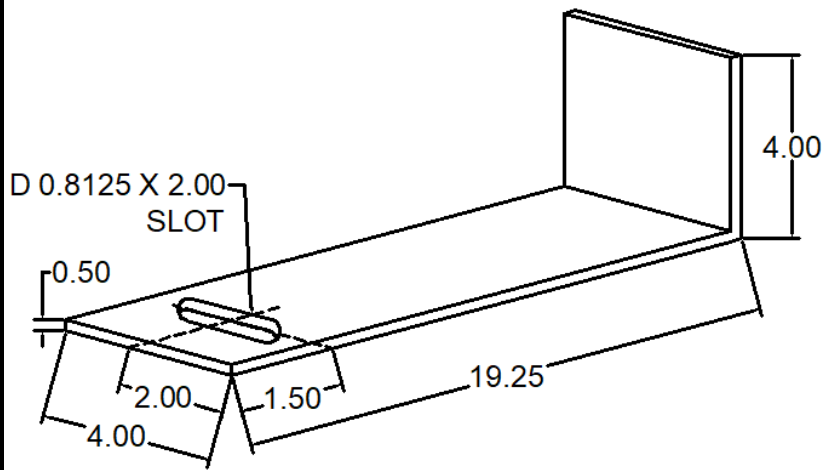
326
ANC-6524-326
DEAD LOAD CLIP



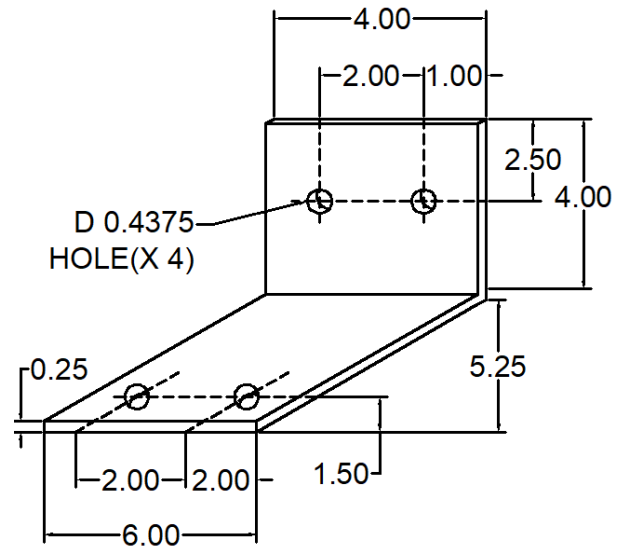
327
ANC-6524-327
WIND LOAD CLIP



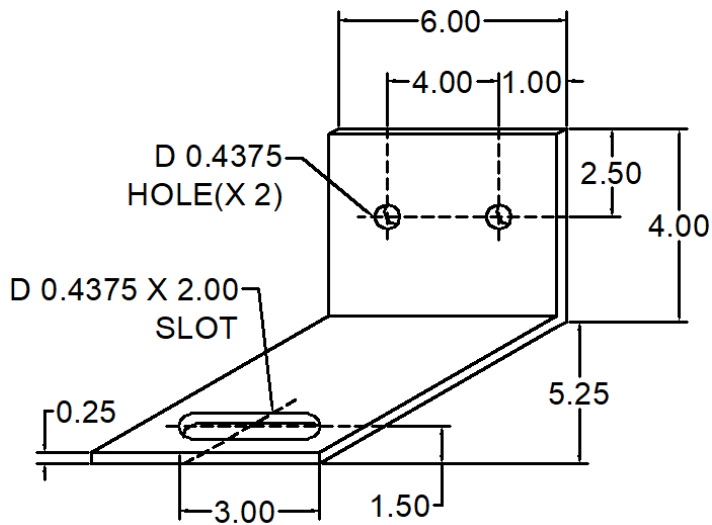
328
ANC-6526-328
DEAD LOAD CLIP



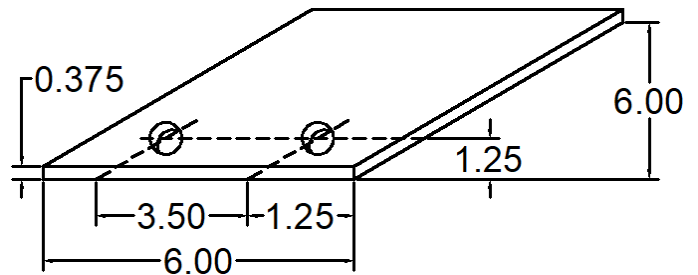
329
ANC-4194-329
WIND LOAD CLIP



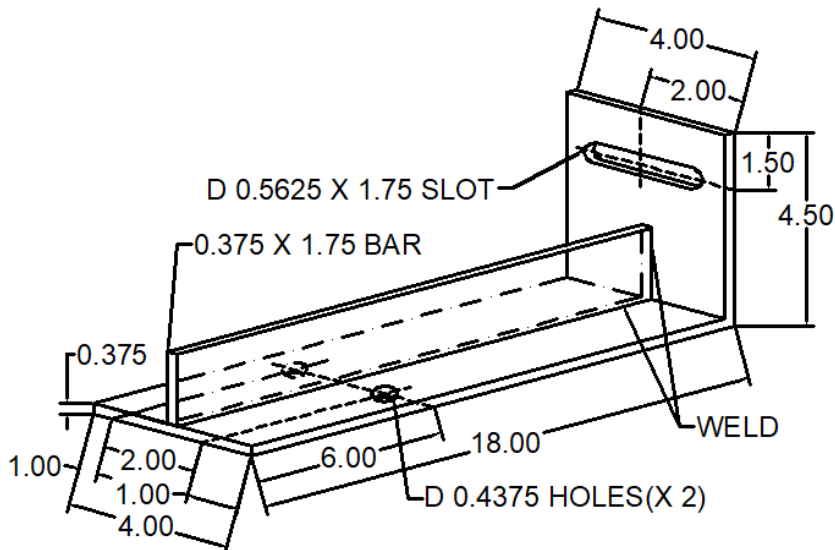
330
ANC-6524-330
DEAD LOAD CLIP



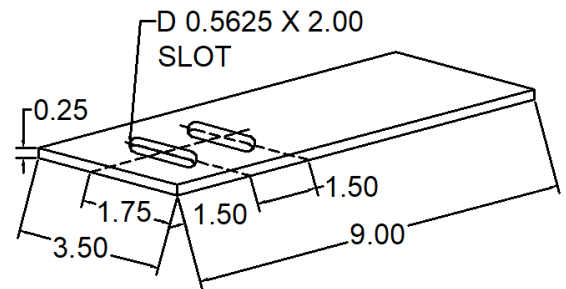
331
ANC-6524-331
WIND LOAD CLIP



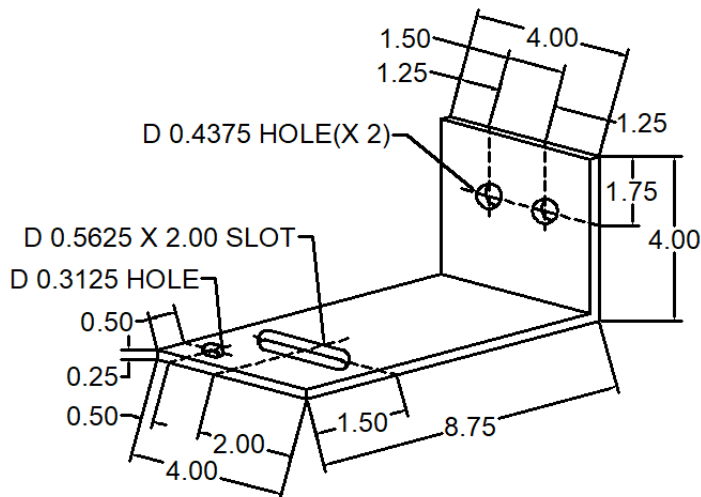
332
PLA-3866-332
DEAD LOAD CLIP



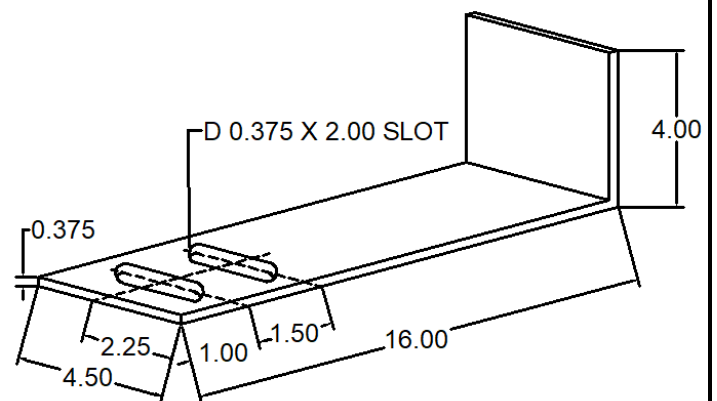
333
ANC-4535-333
CANTILEVER WIND
LOAD ARM BRACKET
ANCHOR



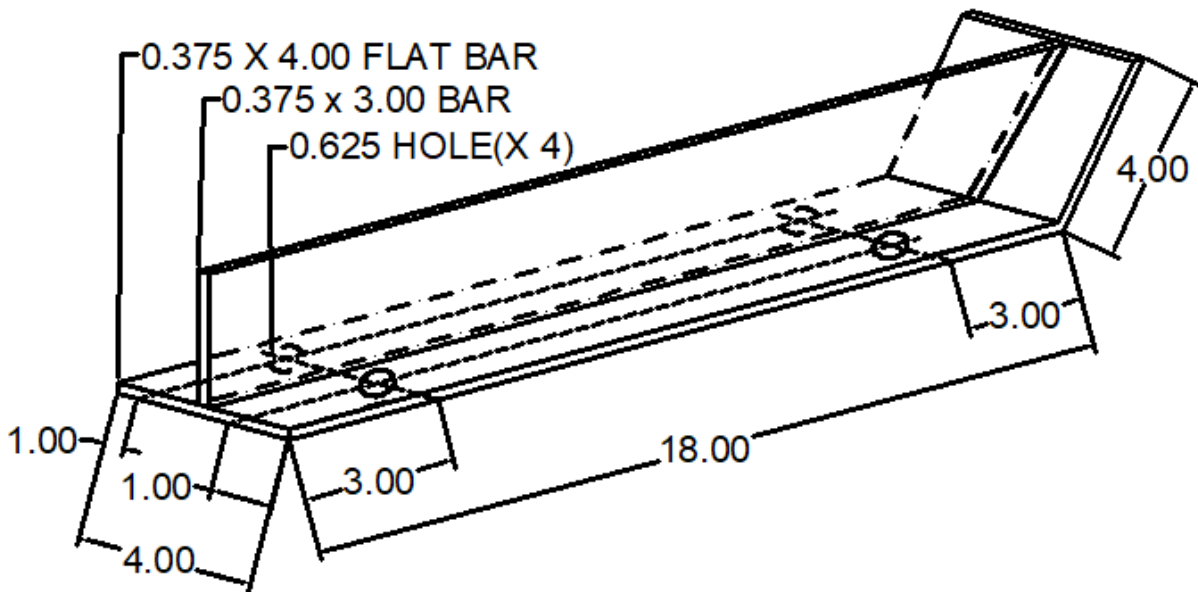
334
ANC-3508-334
WIND LOAD ANCHOR



335
ANC-4409-335
WIND LOAD CLIP



336
ANC-4416-336
WIND LOAD CLIP



337
ANC-4184-337
CANTILEVER DEAD LOAD
ARM BRACKET ANCHOR
OFF CORNER @ 45°

Standard Sheet Gauges

- ◆ 1/4" thick and heavier classed as plates.
- ◆ The U.S. Standard Gauge was established by Act of Congress in 1893 in which weights per square foot are indicated by gauge number.

Standard Gauge For Steel Sheets		
<u>Gauge #</u>	<u>Thickness In Inches</u>	<u>Weight – Pounds Per Sq. Ft.</u>
30	.0120	.5000
29	.0135	.5625
28	.0149	.6250
27	.0164	.6875
26	.0179	.7500
25	.0209	.8750
24	.02391	1.0000
23	.02691	1.1250
22	.02991	1.2500
21	.03291	1.3750
20	.03591	1.5000
19	.04181	1.7500
18	.04782	2.0000
17	.05382	2.2500
16	.05982	2.5000
15	.06732	2.8120
14	.07473	3.1250
13	.08973	3.7500
12	.10464	4.3750
11	.11965	5.0000
10	.13455	5.6250
9	.14946	6.2500
8	.16446	6.8750
7	.17937	7.5000
6	.19438	8.1250
5	.20928	8.7500
4	.22429	9.3750
3	.23911	10.0000
1/4"	.25001	10.2100
5/16"	.312512	12.7600
3/8"	.375015	15.3200
1/2"	.50002	20.4200
3/4"	.75003	30.6300

