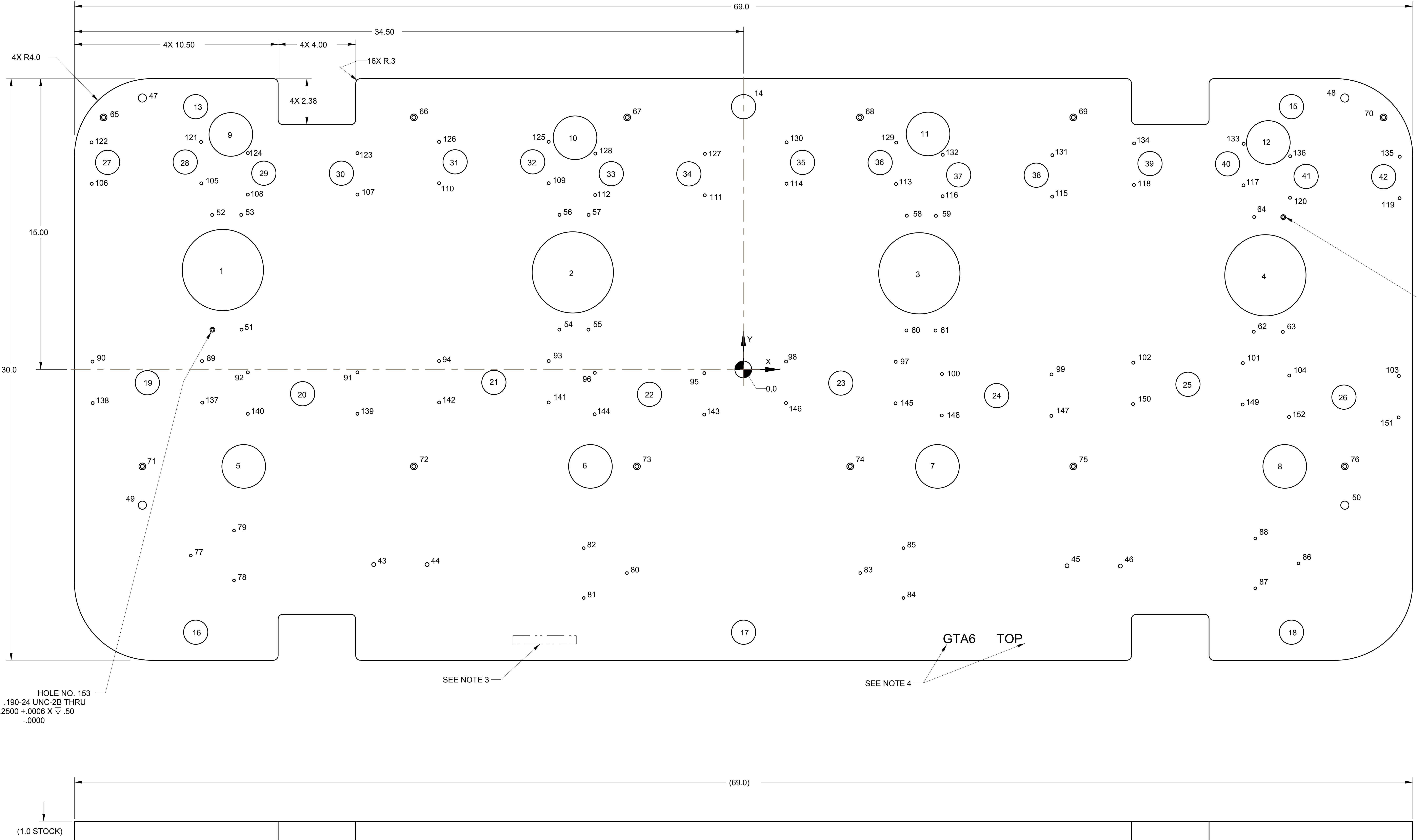


- NOTES:
1. MATERIAL: PLATE 1.0 THK. ALUMINUM TYPE 6061-T6 PER ASTM B209
  2. MAKE FROM DXF FILE
  3. VIBRO-ETCH PART WITH DRAWING NUMBER WITH MIN .25 HIGH CHARACTERS IN ACCORDANCE WITH MIL-STD-130. LOCATE APPROX AS SHOWN.
  4. VIBRO-ETCH PLATE WITH PART NAME AND SIDE DESIGNATION WITH MIN .25 HIGH CHARACTERS. LOCATE APPROX AS SHOWN.

REVISION APPROVALS								
REV	ECN NO.	DESCRIPTION	DATE	BY	CHK	DES	ENG	SUPV
A	-	INITIAL RELEASE	-	-	-	-	-	-



HOLE NO. 153  
 .190-24 UNC-2B THRU  
 $\square \varnothing .2500 + .0006 X \sqrt{.50}$   
 -.0000

HOLE NO. 154  
 .190-24 UNC-2B THRU  
 $\square \varnothing .2500 + .0006 X \sqrt{.50}$   
 -.0000

SEE NOTE 3

SEE NOTE 4

GTA6 TOP

REV	DESCRIPTION
A	INITIAL RELEASE

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.5				COLLIDER-ACCELERATOR DEPARTMENT BROOKHAVEN NATIONAL LABORATORY UPTON, N.Y. 11973	
UNLESS OTHERWISE SPECIFIED		DRAWN BY: TRABOCCHI/GRANU 33018 CHECKED BY: S. RESTMEYER 5218 DIMENSIONS ARE IN INCHES DECIMAL TOLERANCES .001 .015 .005 .005 ANGULAR TOLERANCE ±		DESIGNED BY: A. ARNO 5818 APPROVED BY: S. TRABOCCHI 43018 APPROVED BY: G. MAHLER 5318 DESIGNED BY: J. TUZZOLO 5218	
USED ON DRAWING NO. 2570M0029		125		SIZE: E DRAWING NUMBER: 2570M0028 REV: A	
APPLICATION		FINISH: <input checked="" type="checkbox"/> BREAK SHARP EDGES MAX. GRN: 015		D.A. CATEGORY: A3 SCALE: 1/2 WEIGHT: 186.7 SHEET OF 1 2	

DWG NO 2570M0028

SHT 1 of 1

CREO

HOLE TABLE			
HOLE NO.	X	Y	NOTE
1	-26.85	5.13	Ø 4.00 THRU
2	-8.81	5.01	Ø 4.00 THRU
3	9.06	4.96	Ø 4.00 THRU
4	26.91	4.86	Ø 4.00 THRU
5	-25.77	-5.00	Ø 2.25 THRU
6	-7.90	-5.00	Ø 2.25 THRU
7	10.00	-5.00	Ø 2.25 THRU
8	27.90	-5.00	Ø 2.25 THRU
9	-26.44	12.12	Ø 2.25 THRU
10	-8.69	11.95	Ø 2.25 THRU
11	9.51	12.15	Ø 2.25 THRU
12	27.06	11.71	Ø 2.25 THRU
13	-28.25	13.55	Ø 1.25 THRU
14	0.00	13.55	Ø 1.25 THRU
15	28.25	13.55	Ø 1.25 THRU
16	-28.25	-13.55	Ø 1.25 THRU
17	0.00	-13.55	Ø 1.25 THRU
18	28.25	-13.55	Ø 1.25 THRU
19	-30.74	-0.69	Ø 1.25 THRU
20	-22.74	-1.25	Ø 1.25 THRU
21	-12.87	-0.67	Ø 1.25 THRU
22	-4.85	-1.28	Ø 1.25 THRU
23	5.01	-0.70	Ø 1.25 THRU
24	13.05	-1.35	Ø 1.25 THRU
25	22.91	-0.76	Ø 1.25 THRU
26	30.96	-1.43	Ø 1.25 THRU
27	-32.79	10.68	Ø 1.25 THRU
28	-28.79	10.70	Ø 1.25 THRU
29	-24.74	10.12	Ø 1.25 THRU
30	-20.74	10.12	Ø 1.25 THRU
31	-14.87	10.71	Ø 1.25 THRU
32	-10.87	10.71	Ø 1.25 THRU
33	-6.82	10.10	Ø 1.25 THRU
34	-2.82	10.09	Ø 1.25 THRU
35	3.04	10.68	Ø 1.25 THRU
36	7.04	10.67	Ø 1.25 THRU
37	11.09	10.03	Ø 1.25 THRU
38	15.09	10.02	Ø 1.25 THRU
39	20.96	10.62	Ø 1.25 THRU
40	24.96	10.60	Ø 1.25 THRU
41	29.00	9.96	Ø 1.25 THRU
42	33.00	9.94	Ø 1.25 THRU
43	-19.07	-10.06	.250-20 UNC-2B $\nabla$ .75
44	-16.32	-10.06	.250-20 UNC-2B $\nabla$ .75
45	16.68	-10.13	.250-20 UNC-2B $\nabla$ .75
46	19.43	-10.14	.250-20 UNC-2B $\nabla$ .75
47	-31.00	14.00	.500-13 UNC-2B THRU
48	31.00	14.00	.500-13 UNC-2B THRU
49	-31.00	-7.00	.500-13 UNC-2B THRU
50	31.00	-7.00	.500-13 UNC-2B THRU
51	-25.89	2.05	Ø .149 THRU, .190-24 UNC-2B X .75 FULL THD MIN
52	-27.40	7.97	Ø .149 THRU, .190-24 UNC-2B X .75 FULL THD MIN
53	-25.90	7.97	Ø .149 THRU, .190-24 UNC-2B X .75 FULL THD MIN
54	-9.50	2.05	Ø .149 THRU, .190-24 UNC-2B X .75 FULL THD MIN
55	-8.00	2.05	Ø .149 THRU, .190-24 UNC-2B X .75 FULL THD MIN
56	-9.49	7.97	Ø .149 THRU, .190-24 UNC-2B X .75 FULL THD MIN
57	-7.99	7.97	Ø .149 THRU, .190-24 UNC-2B X .75 FULL THD MIN
58	8.42	7.93	Ø .149 THRU, .190-24 UNC-2B X .75 FULL THD MIN
59	9.92	7.92	Ø .149 THRU, .190-24 UNC-2B X .75 FULL THD MIN
60	8.40	2.01	Ø .149 THRU, .190-24 UNC-2B X .75 FULL THD MIN
61	9.90	2.01	Ø .149 THRU, .190-24 UNC-2B X .75 FULL THD MIN
62	26.30	1.94	Ø .149 THRU, .190-24 UNC-2B X .75 FULL THD MIN
63	27.80	1.94	Ø .149 THRU, .190-24 UNC-2B X .75 FULL THD MIN
64	26.33	7.86	Ø .149 THRU, .190-24 UNC-2B X .75 FULL THD MIN
65	-33.00	13.00	Ø .203 $\nabla$ .19, $\nabla$ Ø .350 X 120°
66	-17.00	13.00	Ø .203 $\nabla$ .19, $\nabla$ Ø .350 X 120°
67	-6.00	13.00	Ø .203 $\nabla$ .19, $\nabla$ Ø .350 X 120°
68	6.00	13.00	Ø .203 $\nabla$ .19, $\nabla$ Ø .350 X 120°
69	17.00	13.00	Ø .203 $\nabla$ .19, $\nabla$ Ø .350 X 120°
70	33.00	13.00	Ø .203 $\nabla$ .19, $\nabla$ Ø .350 X 120°

HOLE TABLE			
HOLE NO.	X	Y	NOTE
71	-31.00	-5.00	Ø .203 $\nabla$ .19, $\nabla$ Ø .350 X 120°
72	-17.00	-5.00	Ø .203 $\nabla$ .19, $\nabla$ Ø .350 X 120°
73	-5.50	-5.00	Ø .203 $\nabla$ .19, $\nabla$ Ø .350 X 120°
74	5.50	-5.00	Ø .203 $\nabla$ .19, $\nabla$ Ø .350 X 120°
75	17.00	-5.00	Ø .203 $\nabla$ .19, $\nabla$ Ø .350 X 120°
76	31.00	-5.00	Ø .203 $\nabla$ .19, $\nabla$ Ø .350 X 120°
77	-28.50	-9.60	.164-32 UNC-2B $\nabla$ .50
78	-26.27	-10.88	.164-32 UNC-2B $\nabla$ .50
79	-26.27	-8.31	.164-32 UNC-2B $\nabla$ .50
80	-6.02	-10.50	.164-32 UNC-2B $\nabla$ .50
81	-8.24	-11.79	.164-32 UNC-2B $\nabla$ .50
82	-8.24	-9.21	.164-32 UNC-2B $\nabla$ .50
83	6.02	-10.50	.164-32 UNC-2B $\nabla$ .50
84	8.24	-11.79	.164-32 UNC-2B $\nabla$ .50
85	8.24	-9.21	.164-32 UNC-2B $\nabla$ .50
86	28.61	-10.00	.164-32 UNC-2B $\nabla$ .50
87	26.38	-11.29	.164-32 UNC-2B $\nabla$ .50
88	26.38	-8.71	.164-32 UNC-2B $\nabla$ .50
89	-27.92	0.43	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
90	-33.57	0.41	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
91	-19.91	-0.15	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
92	-25.56	-0.15	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
93	-10.05	0.43	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
94	-15.70	0.43	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
95	-2.02	-0.19	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
96	-7.67	-0.17	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
97	7.84	0.39	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
98	2.19	0.41	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
99	15.88	-0.26	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
100	10.23	-0.23	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
101	25.74	0.33	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
102	20.09	0.35	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
103	33.79	-0.34	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
104	28.14	-0.31	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
105	-27.96	9.60	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
106	-33.61	9.57	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
107	-19.91	9.02	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
108	-25.56	9.02	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
109	-10.05	9.60	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
110	-15.70	9.60	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
111	-2.00	8.98	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
112	-7.65	9.00	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
113	7.86	9.56	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
114	2.21	9.58	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
115	15.91	8.91	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
116	10.26	8.94	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
117	25.78	9.50	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
118	20.13	9.52	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
119	33.82	8.83	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
120	28.17	8.86	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
121	-27.97	11.74	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
122	-33.62	11.71	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
123	-19.91	11.16	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
124	-25.56	11.16	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
125	-10.05	11.74	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
126	-15.70	11.74	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
127	-2.00	11.12	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
128	-7.65	11.13	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
129	7.87	11.70	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
130	2.22	11.72	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
131	15.92	11.05	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
132	10.27	11.07	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
133	25.78	11.64	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
134	20.13	11.66	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
135	33.83	10.97	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
136	28.18	11.00	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
137	-27.91	-1.71	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
138	-33.56	-1.73	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
139	-19.91	-2.29	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
140	-25.56	-2.29	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN

HOLE TABLE			
HOLE NO.	X	Y	NOTE
141	-10.05	-1.70	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
142	-15.70	-1.70	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
143	-2.03	-2.33	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
144	-7.68	-2.31	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
145	7.84	-1.74	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
146	2.19	-1.73	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
147	15.87	-2.39	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
148	10.22	-2.37	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
149	25.73	-1.81	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
150	20.08	-1.79	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
151	33.78	-2.47	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
152	28.13	-2.45	Ø .1495 THRU, .190-24 UNC-2B X .75 FULL THD MIN
153	-27.387±.002	2.050±.002	SEE F/D ZONE C8
154	27.828±.002	7.857±.002	SEE F/D ZONE E1