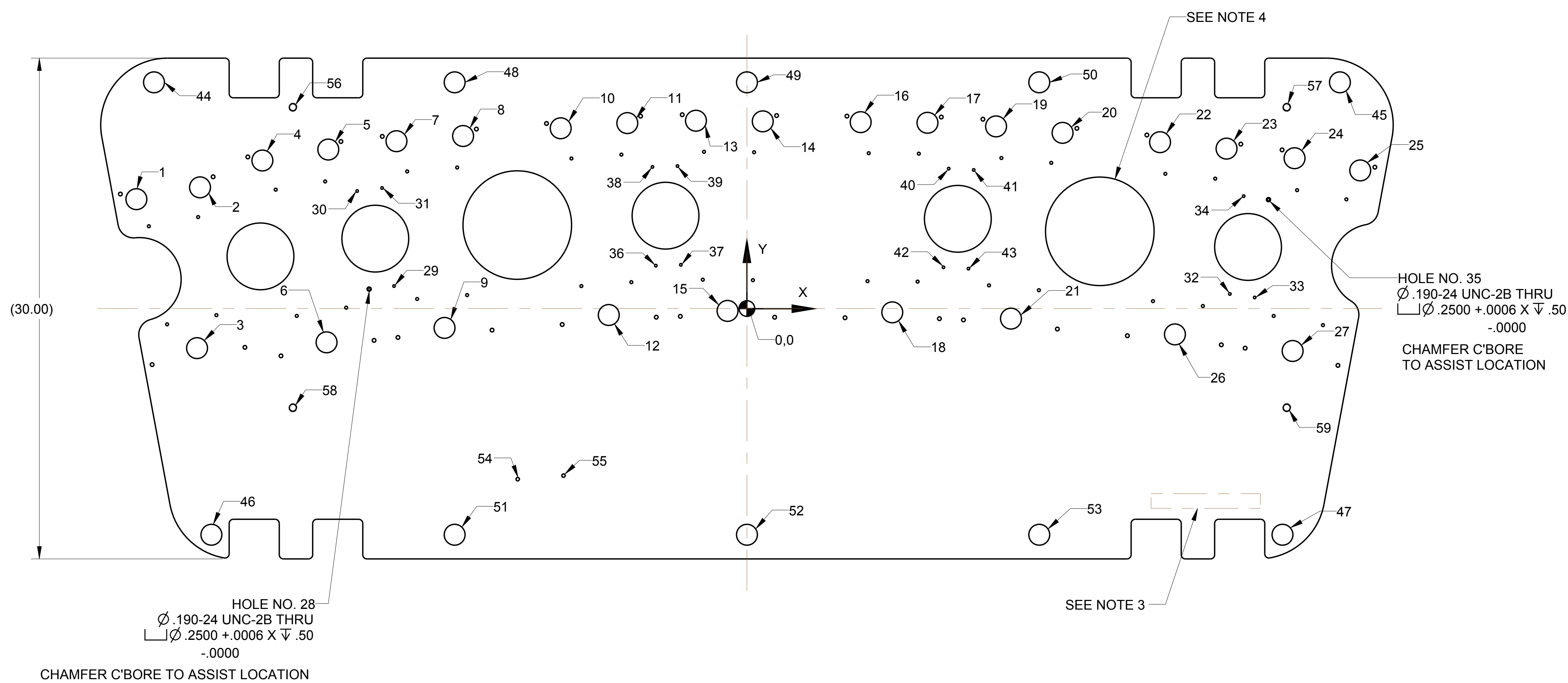


NOTES:

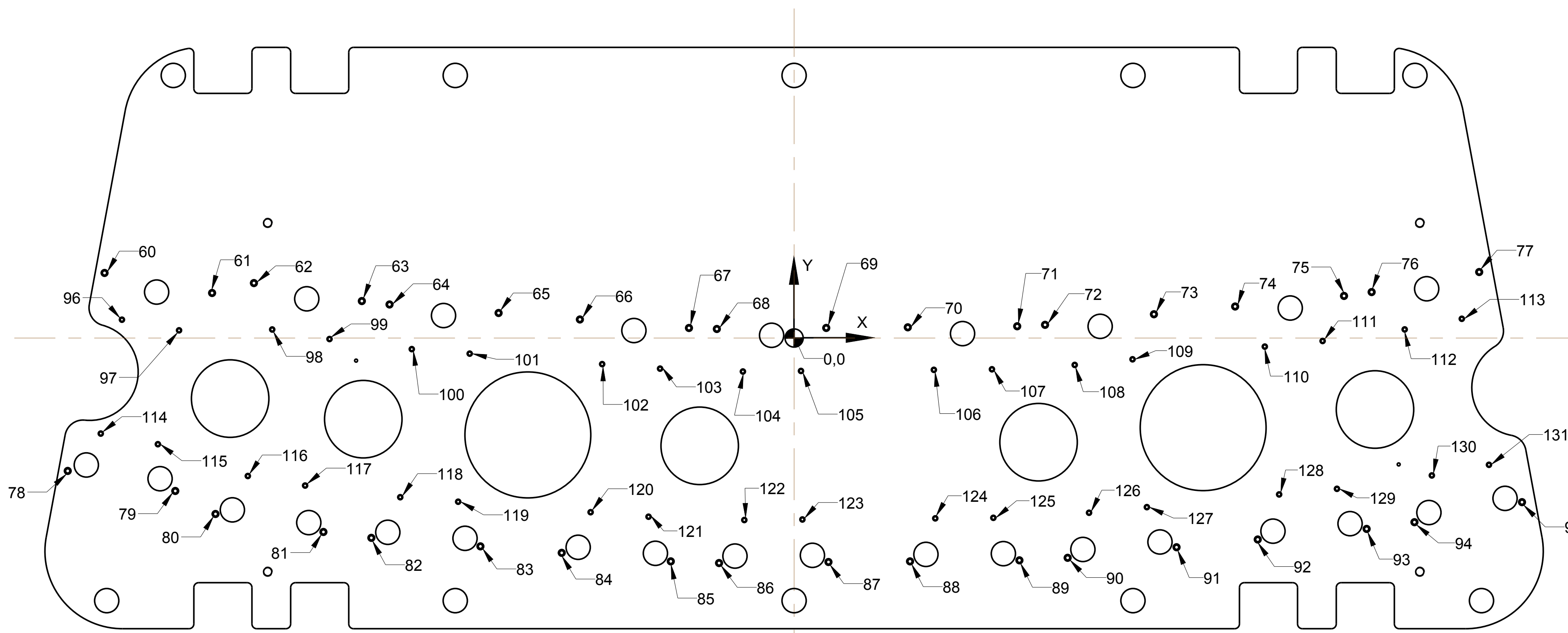
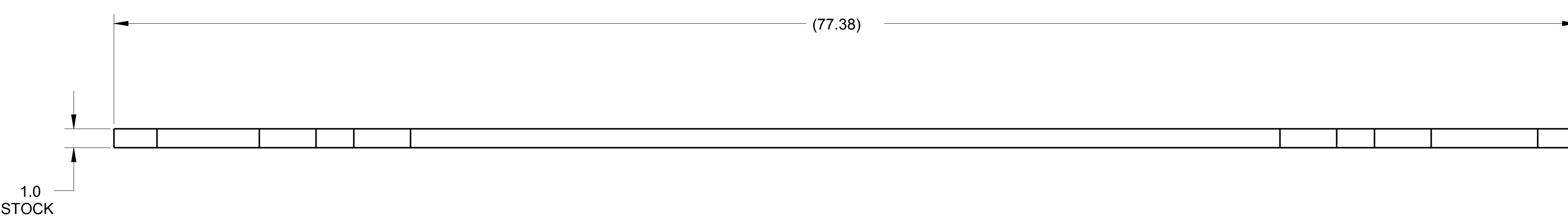
1. MATERIAL: 6061-T6 ALUMINUM PLATE PER ASTM B209
2. MAKE FROM DXF FILE
3. VIBRO-ETCH PART WITH DRAWING NUMBER WITH MIN. .25 HIGH CHARACTERS IN ACCORDANCE WITH MIL-STD-130, LOCATE APPROX AS SHOWN.
4. LARGE HOLES NOT LISTED IN HOLE TABLE TO BE CUT USING DXF FILE.



HOLE NO.	X	Y	NOTE
1	-36.55	6.55	$\varnothing 1.25$ THRU
2	-32.74	7.26	$\varnothing 1.25$ THRU
3	-32.92	-2.37	$\varnothing 1.25$ THRU
4	-29.01	8.87	$\varnothing 1.25$ THRU
5	-25.06	9.52	$\varnothing 1.25$ THRU
6	-25.17	-2.02	$\varnothing 1.25$ THRU
7	-20.98	10.02	$\varnothing 1.25$ THRU
8	-17.00	10.34	$\varnothing 1.25$ THRU
9	-18.11	-1.16	$\varnothing 1.25$ THRU
10	-11.15	10.80	$\varnothing 1.25$ THRU
11	-7.16	11.11	$\varnothing 1.25$ THRU
12	-8.27	-0.39	$\varnothing 1.25$ THRU
13	-3.05	11.25	$\varnothing 1.25$ THRU
14	0.95	11.21	$\varnothing 1.25$ THRU
15	-1.16	-0.14	$\varnothing 1.25$ THRU
16	6.81	11.17	$\varnothing 1.25$ THRU
17	10.81	11.13	$\varnothing 1.25$ THRU
18	8.70	-0.23	$\varnothing 1.25$ THRU
19	14.91	10.91	$\varnothing 1.25$ THRU
20	18.90	10.52	$\varnothing 1.25$ THRU
21	15.81	-0.60	$\varnothing 1.25$ THRU
22	24.73	9.97	$\varnothing 1.25$ THRU
23	28.71	9.58	$\varnothing 1.25$ THRU
24	32.78	9.01	$\varnothing 1.25$ THRU
25	36.72	8.27	$\varnothing 1.25$ THRU
26	25.62	-1.55	$\varnothing 1.25$ THRU
27	32.67	-2.54	$\varnothing 1.25$ THRU
28	-22.620 ± .002	1.165 ± .002	SEE VIEW
29	-21.13	1.35	$\varnothing 190-24 \text{ UNC-2B } \nabla .63$
30	-23.34	7.04	$\varnothing 190-24 \text{ UNC-2B } \nabla .63$
31	-21.85	7.22	$\varnothing 190-24 \text{ UNC-2B } \nabla .63$
32	28.91	0.87	$\varnothing 190-24 \text{ UNC-2B } \nabla .63$
33	30.40	0.66	$\varnothing 190-24 \text{ UNC-2B } \nabla .63$
34	29.74	6.73	$\varnothing 190-24 \text{ UNC-2B } \nabla .63$
35	31.224 ± .002	6.523 ± .002	SEE VIEW
36	-5.46	2.57	$\varnothing 190-24 \text{ UNC-2B } \nabla .63$
37	-3.96	2.62	$\varnothing 190-24 \text{ UNC-2B } \nabla .63$
38	-5.66	8.48	$\varnothing 190-24 \text{ UNC-2B } \nabla .63$
39	-4.16	8.53	$\varnothing 190-24 \text{ UNC-2B } \nabla .63$
40	12.08	8.38	$\varnothing 190-24 \text{ UNC-2B } \nabla .63$
41	13.58	8.30	$\varnothing 190-24 \text{ UNC-2B } \nabla .63$
42	11.76	2.47	$\varnothing 190-24 \text{ UNC-2B } \nabla .63$
43	13.26	2.39	$\varnothing 190-24 \text{ UNC-2B } \nabla .63$
44	-35.50	13.55	$\varnothing 1.25$ THRU
45	35.50	13.55	$\varnothing 1.25$ THRU
46	-32.06	-13.55	$\varnothing 1.25$ THRU
47	32.06	-13.55	$\varnothing 1.25$ THRU
48	-17.50	13.55	$\varnothing 1.25$ THRU
49	0.00	13.55	$\varnothing 1.25$ THRU
50	17.50	13.55	$\varnothing 1.25$ THRU
51	-17.50	-13.55	$\varnothing 1.25$ THRU
52	0.00	-13.55	$\varnothing 1.25$ THRU
53	17.50	-13.55	$\varnothing 1.25$ THRU
54	-13.72	-10.22	$\varnothing 250-20 \text{ UNC-2B } \nabla .75$
55	-10.98	-10.01	$\varnothing 250-20 \text{ UNC-2B } \nabla .75$
56	-27.19	12.06	$\varnothing 500-13 \text{ UNC-2B THRU}$
57	32.31	12.06	$\varnothing 500-13 \text{ UNC-2B THRU}$
58	-27.19	-5.94	$\varnothing 500-13 \text{ UNC-2B THRU}$
59	32.31	-5.94	$\varnothing 500-13 \text{ UNC-2B THRU}$

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

HOLE NO.	X	Y	NOTE
60	-35.61	3.36	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
61	-30.06	2.33	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
62	-27.90	2.84	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
63	-22.32	1.91	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
64	-20.89	1.73	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
65	-15.26	1.29	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
66	-11.06	0.96	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
67	-5.43	0.52	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
68	-3.99	0.47	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
69	1.66	0.52	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
70	5.87	0.55	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
71	11.52	0.61	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
72	12.96	0.68	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
73	18.58	1.23	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
74	22.78	1.63	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
75	28.40	2.17	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
76	29.83	2.37	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
77	35.38	3.41	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
78	-37.51	-6.86	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
79	-31.96	-7.89	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
80	-29.88	-9.08	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
81	-24.31	-10.01	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
82	-21.83	-10.31	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
83	-16.20	-10.75	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
84	-12.00	-11.09	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
85	-6.37	-11.52	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
86	-3.88	-11.61	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
87	1.77	-11.56	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
88	5.99	-11.53	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
89	11.64	-11.47	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
90	14.13	-11.34	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
91	19.75	-10.80	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
92	23.94	-10.40	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
93	29.57	-9.85	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
94	32.04	-9.50	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
95	37.59	-8.47	$\varnothing 221 \text{ THRU, } \square \varnothing .343 \times \sqrt{.22}$
96	-34.71	0.95	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
97	-31.76	0.40	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
98	-26.95	0.44	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
99	-23.99	-0.05	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
100	-19.74	-0.57	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
101	-16.75	-0.81	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
102	-9.91	-1.35	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
103	-6.92	-1.58	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
104	-2.64	-1.73	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
105	0.36	-1.70	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
106	7.22	-1.64	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
107	10.22	-1.61	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
108	14.49	-1.39	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
109	17.48	-1.10	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
110	24.31	-0.44	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
111	27.29	-0.15	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
112	31.53	0.44	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
113	34.48	0.99	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
114	-35.81	-4.93	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
115	-32.86	-5.48	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
116	-28.21	-7.12	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
117	-25.25	-7.61	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
118	-20.34	-8.21	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
119	-17.35	-8.45	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
120	-10.51	-8.99	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
121	-7.52	-9.22	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
122	-2.57	-9.39	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
123	0.43	-9.36	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
124	7.29	-9.31	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
125	10.29	-9.28	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
126	15.23	-9.02	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
127	18.22	-8.73	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
128	25.05	-8.07	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
129	28.04	-7.78	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
130	32.94	-7.09	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$
131	35.89	-6.54	$\varnothing 172 \text{ THRU, } \square \varnothing .261 \times \sqrt{.16}$



PRELIMINARY

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.5			COLLIDER-ACCELERATOR DEPARTMENT BROOKHAVEN NATIONAL LABORATORY UPTON, N.Y. 11973	
UNLESS OTHERWISE SPECIFIED			CBETA STANDS AND SUPPORTS PLATE GFA1	
DIMENSIONS ARE IN INCHES		DRAWN BY: S.STRABOCCHI CHECKED: WSBIT DESIGN APPROVAL: ENGR/PHYSICIAN APPROVAL: SAFETY APPROVAL: SEE ENG. DRAWING FOR:	SIZE: E DRAWING NUMBER: 2570M0005 REV: A	
DECIMAL TOLERANCES: .005, .010, .015, .030, .050		ANGULAR TOLERANCE: ± 1° BREAK SHARP EDGES: <input checked="" type="checkbox"/>	SCALE: 1/4" WEIGHT: 197.7 SHEET: OF 1 1	
USED ON DRAWING NO.	QTY. PER ASSY.	FINISH: <input checked="" type="checkbox"/>	CATEGORY: A3 SCALE: 1/4" WEIGHT: 197.7 SHEET: OF 1 1	
APPLICATION:		MAX. QBN: 015 SAFETY/RSC DEPARTMENT:	CREO	

DWG NO 2570M0005 SHEET 1 OF 1