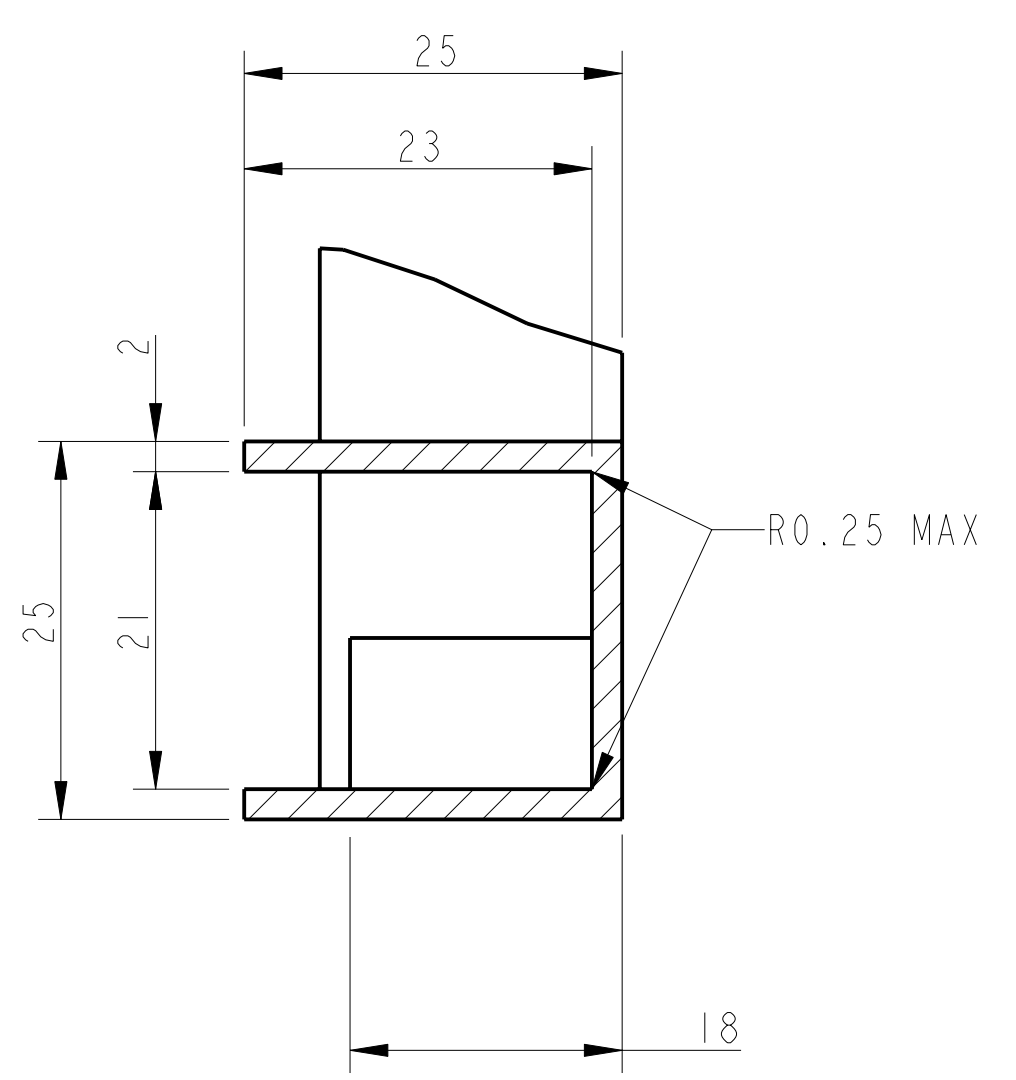
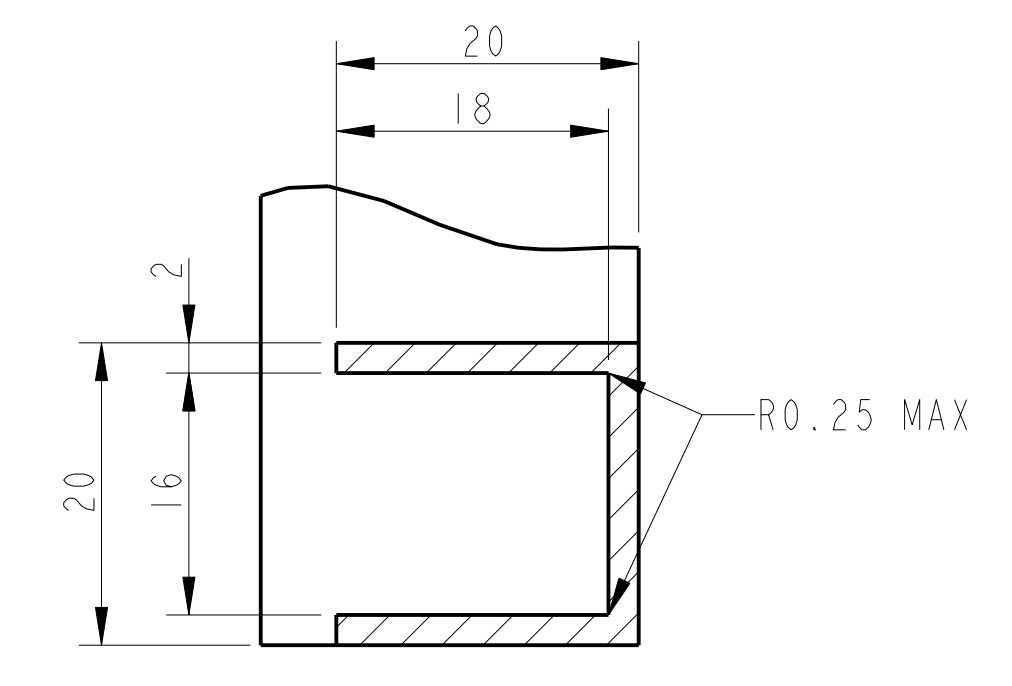
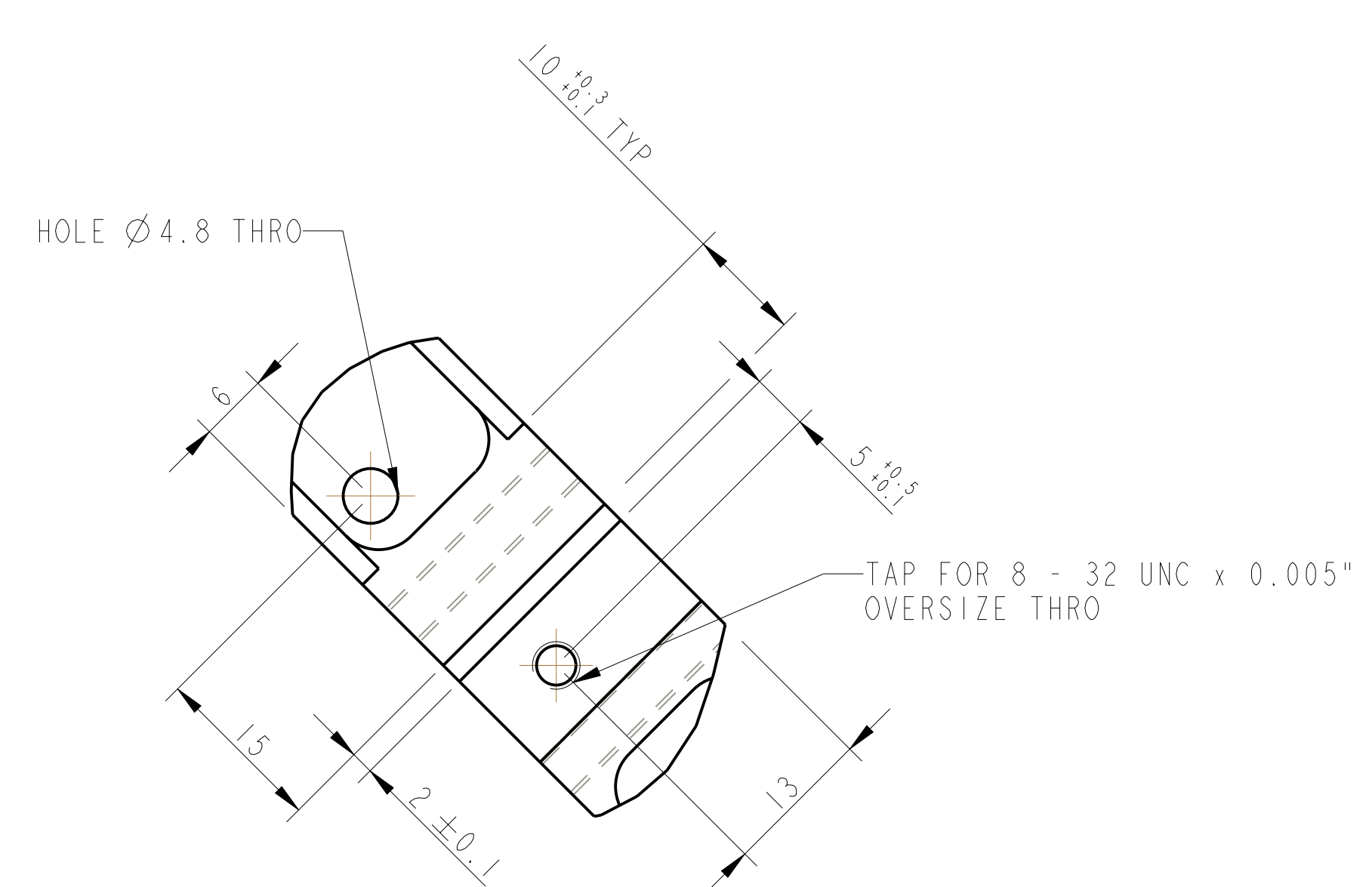
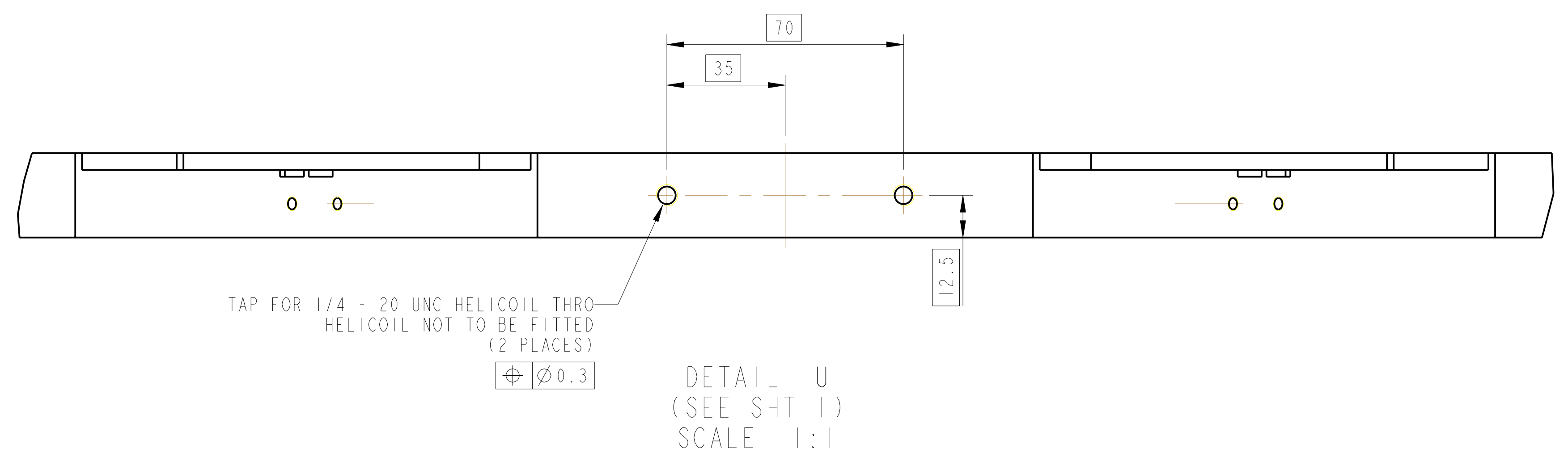
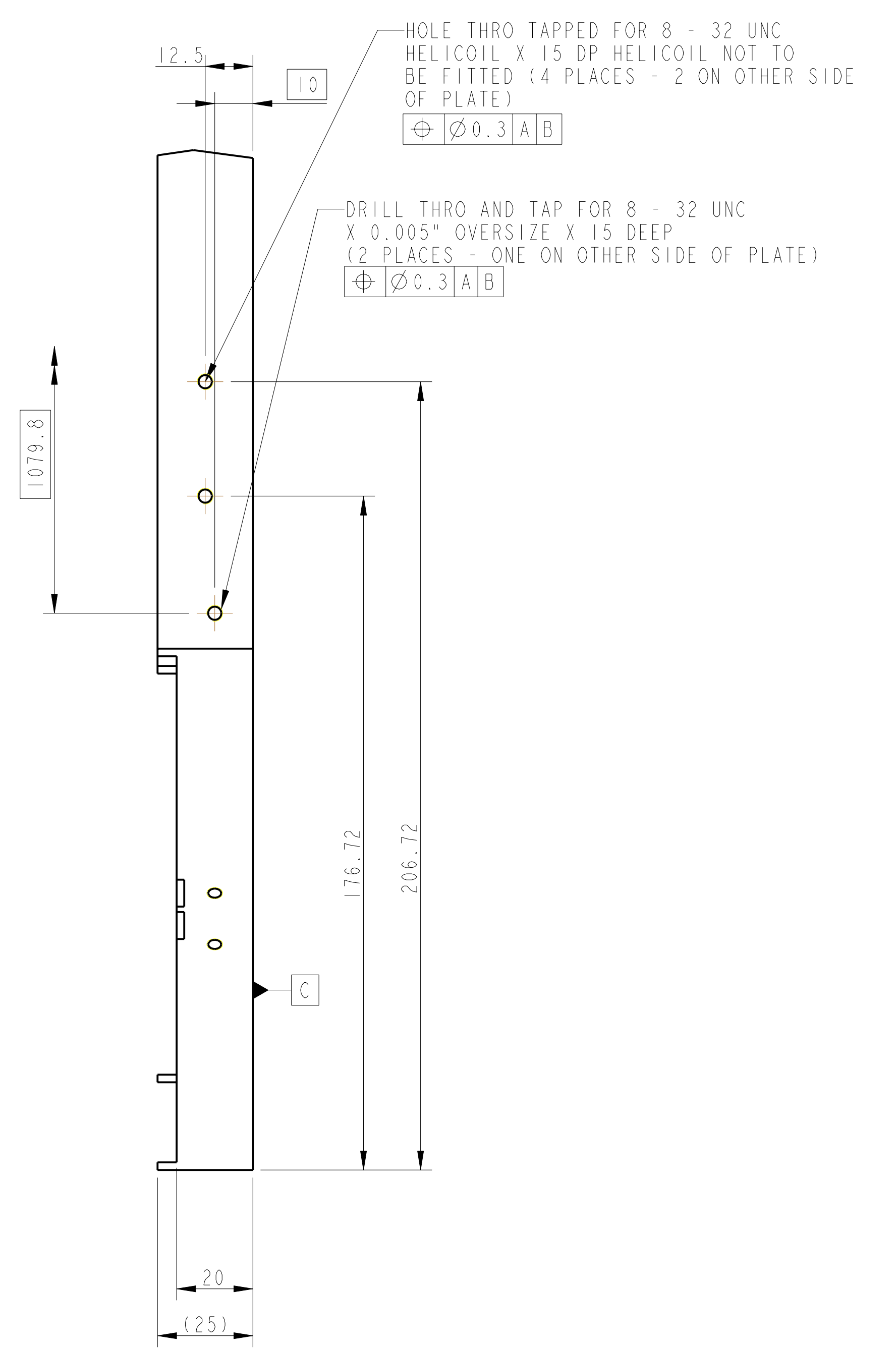
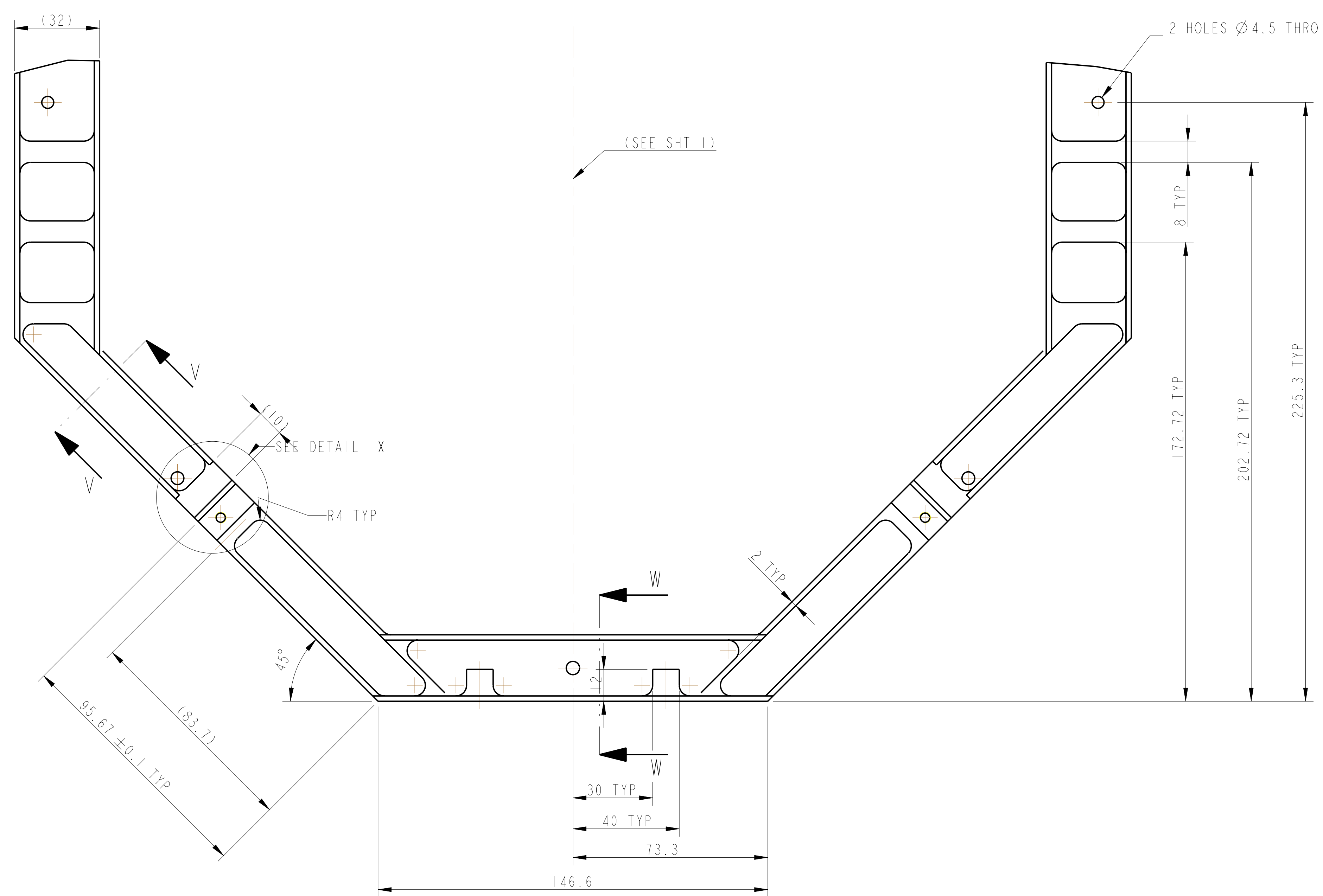


ITEM	QTY	UOM	TOTAL	PART NUMBER	DESCRIPTION	MATERIALS
PART LIST						
1	1			20-79	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
2	1			20-80	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
3	1			20-81	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
4	1			20-82	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
5	1			20-83	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
6	1			20-84	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
7	1			20-85	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
8	1			20-86	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
9	1			20-87	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
10	1			20-88	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
11	1			20-89	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
12	1			20-90	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
13	1			20-91	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
14	1			20-92	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
15	1			20-93	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
16	1			20-94	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
17	1			20-95	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
18	1			20-96	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
19	1			20-97	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
20	1			20-98	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
21	1			20-99	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
22	1			20-100	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
23	1			20-101	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
24	1			20-102	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
25	1			20-103	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
26	1			20-104	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
27	1			20-105	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
28	1			20-106	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
29	1			20-107	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
30	1			20-108	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
31	1			20-109	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
32	1			20-110	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
33	1			20-111	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
34	1			20-112	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
35	1			20-113	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
36	1			20-114	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
37	1			20-115	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
38	1			20-116	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
39	1			20-117	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
40	1			20-118	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
41	1			20-119	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
42	1			20-120	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
43	1			20-121	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
44	1			20-122	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
45	1			20-123	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
46	1			20-124	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
47	1			20-125	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
48	1			20-126	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
49	1			20-127	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
50	1			20-128	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
51	1			20-129	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
52	1			20-130	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
53	1			20-131	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
54	1			20-132	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
55	1			20-133	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
56	1			20-134	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
57	1			20-135	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
58	1			20-136	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
59	1			20-137	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
60	1			20-138	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
61	1			20-139	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
62	1			20-140	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
63	1			20-141	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
64	1			20-142	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
65	1			20-143	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
66	1			20-144	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
67	1			20-145	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
68	1			20-146	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
69	1			20-147	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
70	1			20-148	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
71	1			20-149	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
72	1			20-150	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
73	1			20-151	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
74	1			20-152	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
75	1			20-153	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
76	1			20-154	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
77	1			20-155	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
78	1			20-156	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
79	1			20-157	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
80	1			20-158	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
81	1			20-159	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
82	1			20-160	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
83	1			20-161	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
84	1			20-162	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
85	1			20-163	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
86	1			20-164	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
87	1			20-165	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
88	1			20-166	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
89	1			20-167	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
90	1			20-168	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
91	1			20-169	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
92	1			20-170	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
93	1			20-171	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
94	1			20-172	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
95	1			20-173	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
96	1			20-174	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
97	1			20-175	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
98	1			20-176	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
99	1			20-177	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
100	1			20-178	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
101	1			20-179	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
102	1			20-180	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
103	1			20-181	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
104	1			20-182	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
105	1			20-183	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
106	1			20-184	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
107	1			20-185	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
108	1			20-186	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
109	1			20-187	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
110	1			20-188	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
111	1			20-189	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
112	1			20-190	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
113	1			20-191	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
114	1			20-192	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
115	1			20-193	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
116	1			20-194	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
117	1			20-195	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
118	1			20-196	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
119	1			20-197	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
120	1			20-198	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
121	1			20-199	LOWER STRUCTURE PLATE	ALUMINUM ALLOY
122	1			20-200	LOWER STRUCTURE PLATE	ALUMINUM ALLOY



NOTES: UNLESS OTHERWISE SPECIFIED:

1. REMOVE ALL SHARP EDGES.
2. DO NOT SCALE FROM DRAWING.
3. ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN MILLIMETERS.
4. SURFACE FINISH: UNLESS OTHERWISE SPECIFIED, ALL SURFACES SHALL BE MACHINED TO THE FOLLOWING FINISHES:

FINISH	RA	MAX
1. ALL SURFACES	3.2	0.0125
2. HOLE SURFACES	1.6	0.00625
5. DIMENSIONS OF HOLE POSITIONS SHALL BE TO THE CENTER UNLESS OTHERWISE SPECIFIED.
6. DIMENSIONS OF HOLE POSITIONS SHALL BE TO THE CENTER UNLESS OTHERWISE SPECIFIED.
7. DIMENSIONS OF HOLE POSITIONS SHALL BE TO THE CENTER UNLESS OTHERWISE SPECIFIED.
8. DIMENSIONS OF HOLE POSITIONS SHALL BE TO THE CENTER UNLESS OTHERWISE SPECIFIED.
9. DIMENSIONS OF HOLE POSITIONS SHALL BE TO THE CENTER UNLESS OTHERWISE SPECIFIED.
10. DIMENSIONS OF HOLE POSITIONS SHALL BE TO THE CENTER UNLESS OTHERWISE SPECIFIED.

DATE	11/11/2011	DESIGNED BY	ALISO
APPROVED BY	11/11/2011	CHECKED BY	ALISO
SCALE	AS SHOWN	PROJECT NO.	11-11111
REV.	0	REV. DATE	

COMPANY: CALIFORNIA INSTITUTE OF TECHNOLOGY
 PROJECT: CALIFORNIA INSTITUTE OF TECHNOLOGY
 SYSTEM: ALISO
 SUB-SYSTEM: BUS
 PART NAME: QUAD LOWER STRUCTURE
 PART NAME: OUTER FACE PLATE
 LOWER STRUCTURE
 DRAWN: ALISO
 CHECKED: ALISO
 APPROVED: ALISO
 DATE: 11/11/2011
 SCALE: AS SHOWN
 SHEET: 1 OF 1