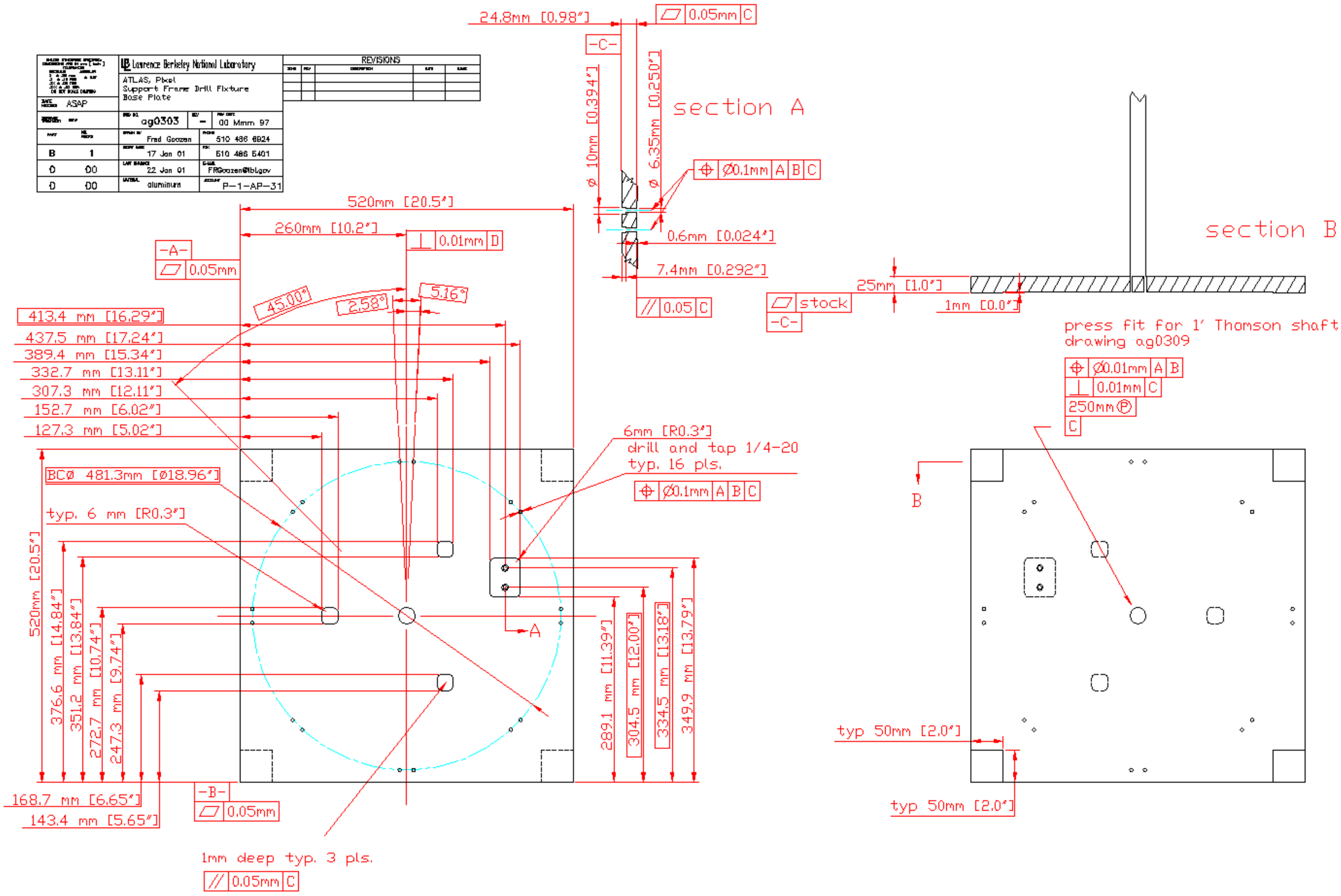

Lawrence Berkeley National Laboratory
ATLAS, Pixel
Support Frame Drill Fixture
Base Plate
REVISIONS
ASAP
ag0303
00 Mmm 97
Fred Goozen
510 486 6924
17 Jan 01
510 486 5401
22 Jan 01
FRGoozen@lbl.gov
aluminum
P-1-AP-31
B
1
0
00
0
00
24.8mm [0.98"]
0.05mm C
-C-
section A
ø 10mm [0.394"]
ø 6.35mm [0.250"]
Ø0.1mm A B C
0.6mm [0.024"]
7.4mm [0.292"]
0.05 C
section B
25mm [1.0"]
1mm [0.0"]
stock
-C-
press fit for 1' Thomson shaft
drawing ag0309
Ø0.01mm A B
0.01mm C
250mm Ⓟ
C
B
typ 50mm [2.0"]
typ 50mm [2.0"]
520mm [20.5"]
260mm [10.2"]
0.01mm D
-A-
0.05mm
45.00°
2.58°
5.16°
413.4 mm [16.29"]
437.5 mm [17.24"]
389.4 mm [15.34"]
332.7 mm [13.11"]
307.3 mm [12.11"]
152.7 mm [6.02"]
127.3 mm [5.02"]
6mm [R0.3"]
drill and tap 1/4-20
typ. 16 pls.
Ø0.1mm A B C
BCØ 481.3mm [Ø18.96"]
typ. 6 mm [R0.3"]
520mm [20.5"]
376.6 mm [14.84"]
351.2 mm [13.84"]
272.7 mm [10.74"]
247.3 mm [9.74"]
A
289.1 mm [11.39"]
304.5 mm [12.00"]
334.5 mm [13.18"]
349.9 mm [13.79"]
168.7 mm [6.65"]
143.4 mm [5.65"]
-B-
0.05mm
1mm deep typ. 3 pls.
0.05mm C