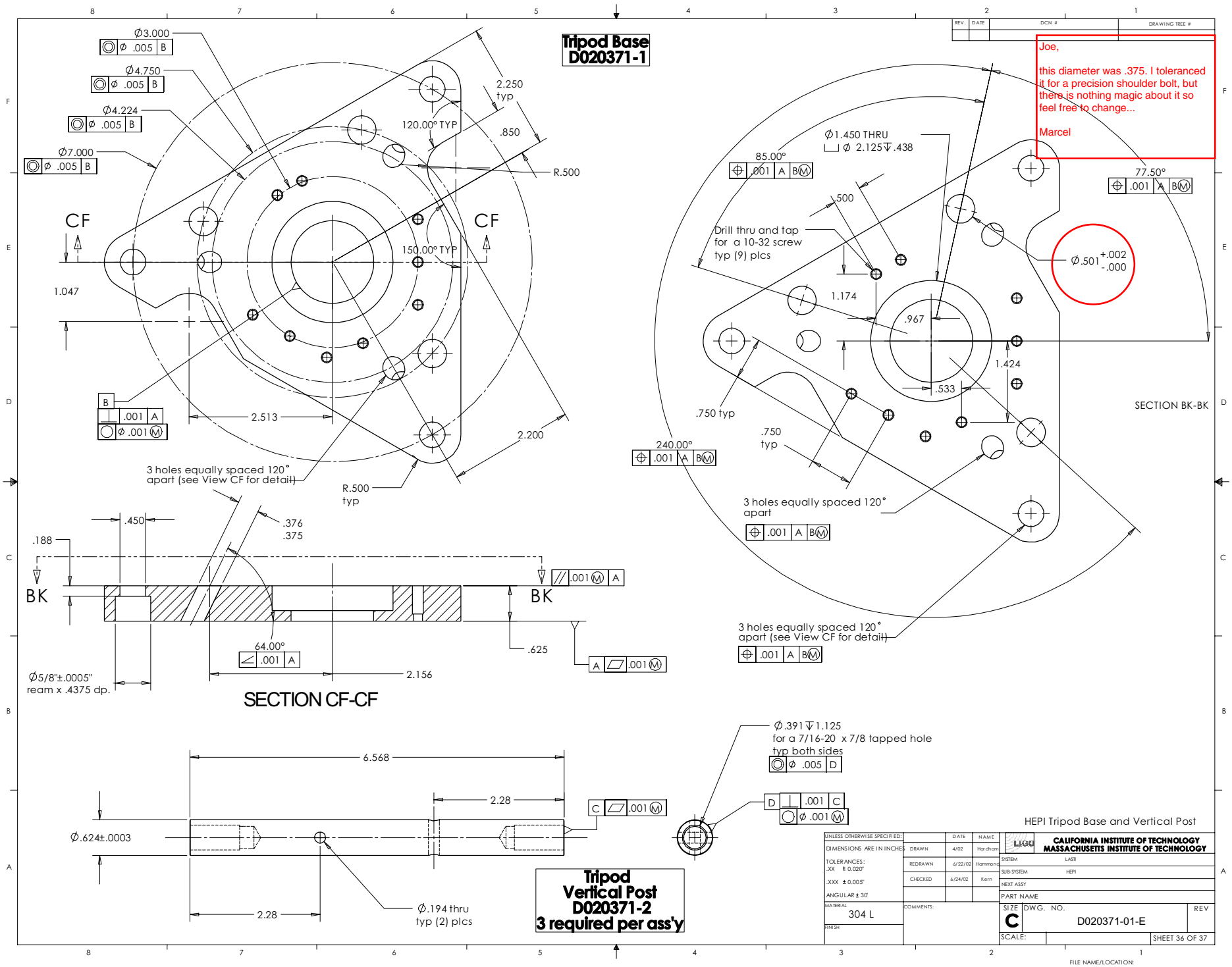
Tripod Base
D020371-1
Joe,
this diameter was .375. I toleranced it for a precision shoulder bolt, but there is nothing magic about it so feel free to change...
Marcel
Ø3.000 Ø .005 B
Ø4.750 Ø .005 B
Ø4.224 Ø .005 B
Ø7.000 Ø .005 B
2.250 typ
120.00° TYP
.850
R.500
CF
CF
150.00° TYP
1.047
B .001 A Ø .001 M
2.513
2.200
R.500 typ
3 holes equally spaced 120° apart (see View CF for detail)
Ø1.450 THRU ⌴ Ø 2.125 ↧ .438
85.00° .001 A B M
77.50° .001 A B M
.500
Drill thru and tap for a 10-32 screw typ (9) plcs
Ø.501 +.002 -.000
1.174
.967
1.424
.533
.750 typ
.750 typ
240.00° .001 A B M
SECTION BK-BK
3 holes equally spaced 120° apart .001 A B M
3 holes equally spaced 120° apart (see View CF for detail) .001 A B M
.450
.188
.376
.375
BK
BK
.001 M A
64.00° .001 A
.625
A .001 M
Ø5/8"±.0005" ream x .4375 dp.
2.156
SECTION CF-CF
Ø.391 ↧ 1.125 for a 7/16-20 x 7/8 tapped hole typ both sides
Ø .005 D
D .001 C Ø .001 M
6.568
2.28
C .001 M
Ø.624±.0003
2.28
Ø.194 thru typ (2) plcs
Tripod Vertical Post
D020371-2
3 required per ass'y
HEPI Tripod Base and Vertical Post
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
.XX ± 0.020"
.XXX ± 0.005"
ANGULAR ± 30'
MATERIAL 304 L
FINISH
DRAWN 4/02 Hardham
REDRAWN 6/22/02 Hammond
CHECKED 6/24/02 Kern
COMMENTS:
CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY
SYSTEM LASTI
SUB-SYSTEM HEPI
NEXT ASSY
PART NAME
SIZE C
DWG. NO. D020371-01-E
REV
SCALE:
SHEET 36 OF 37
FILE NAME/LOCATION: