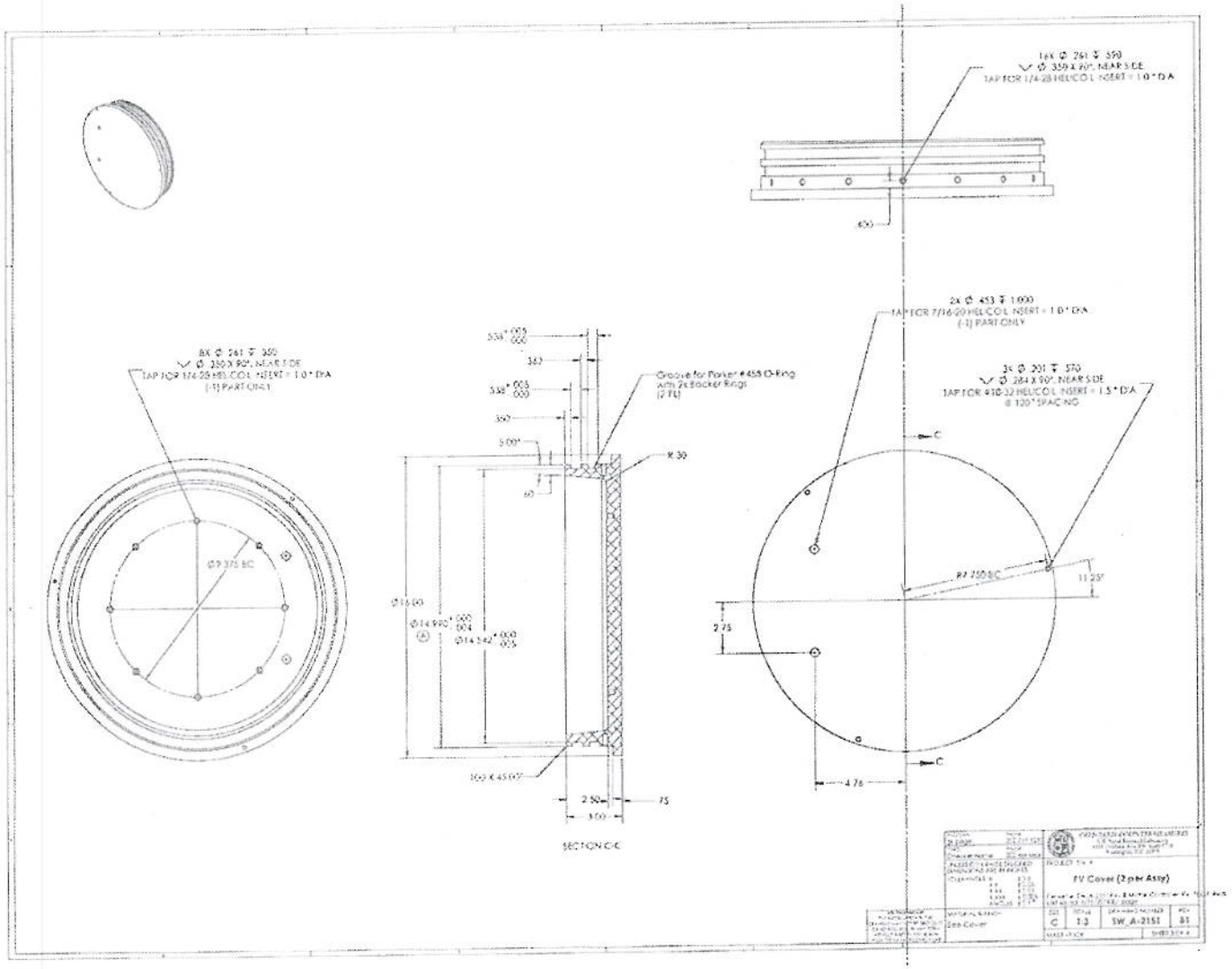
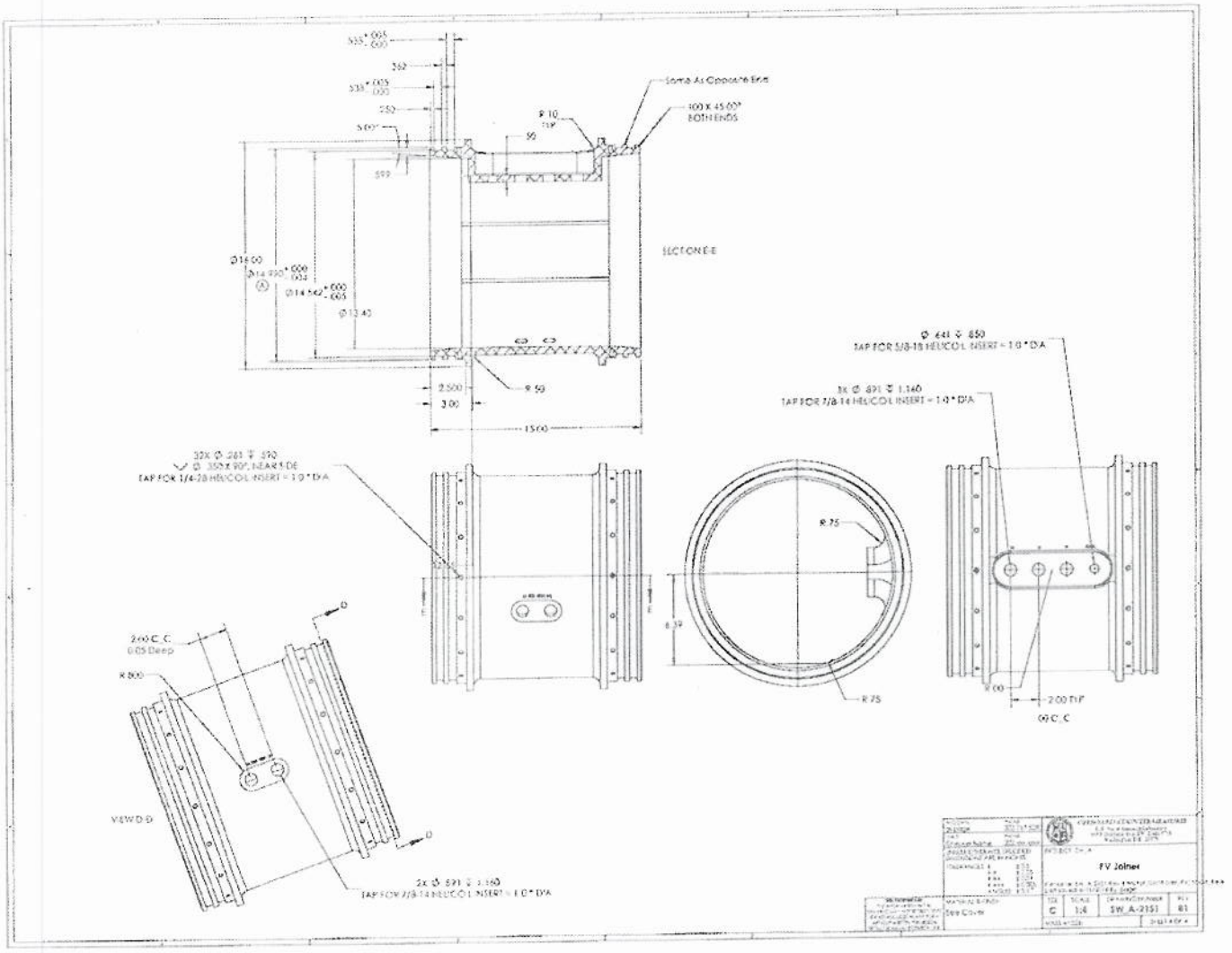
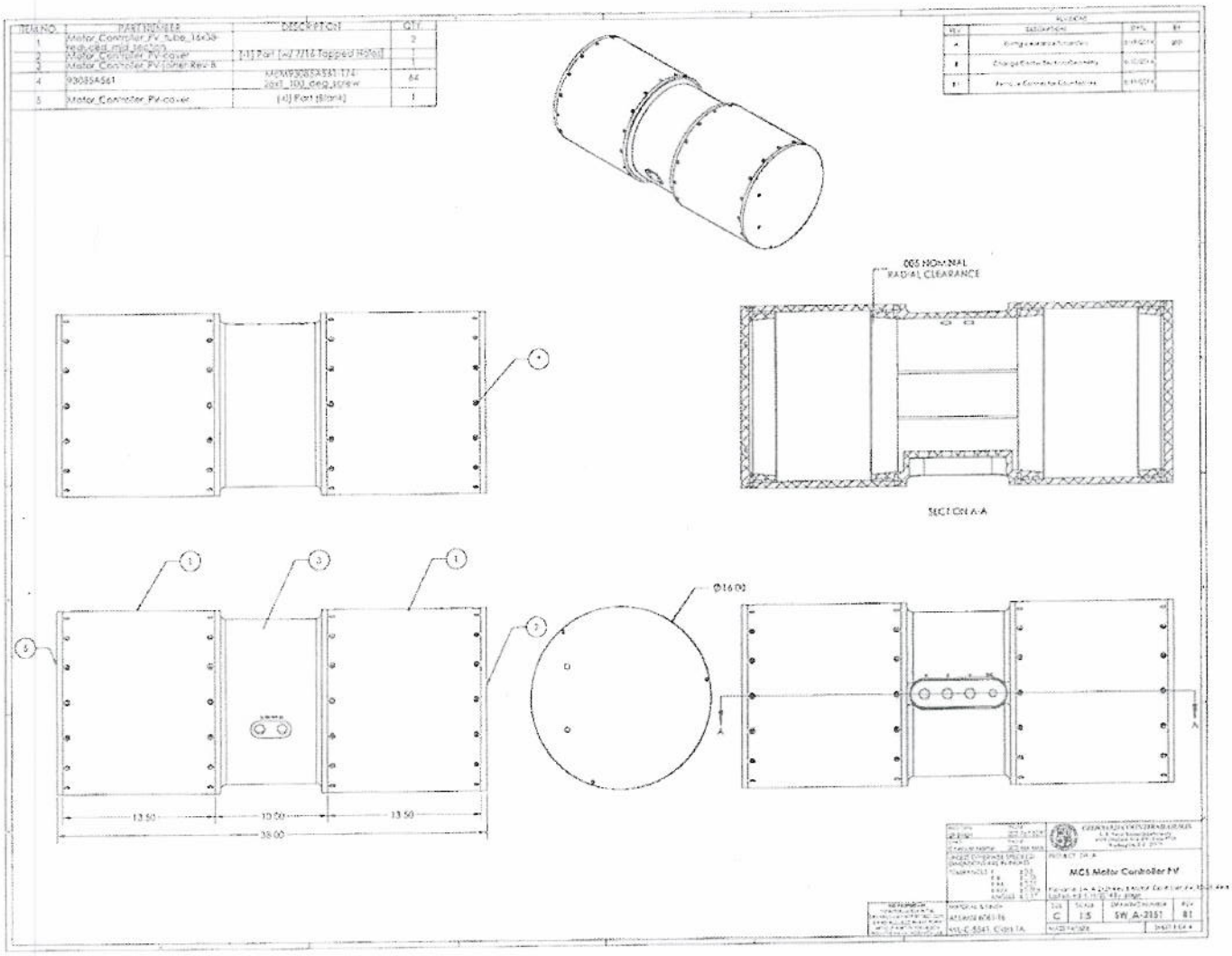
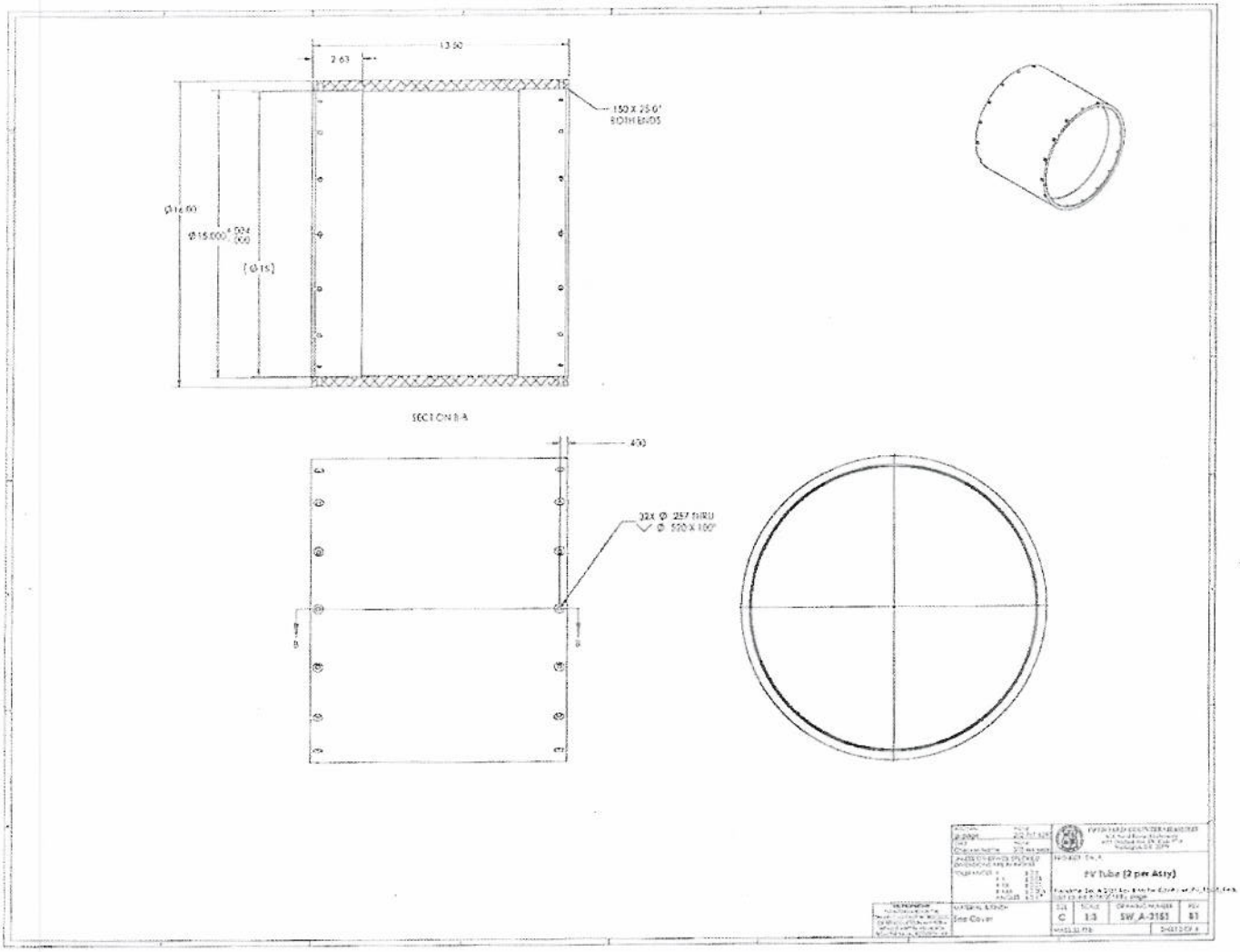

16X Ø .261 ∓ .350
∨ Ø .350 X 90°, NEAR SIDE
TAP FOR 1/4-28 HELICOIL INSERT = 1.0" DIA
.400
2X Ø .453 ∓ 1.000
TAP FOR 7/16-20 HELICOIL INSERT = 1.0" DIA
(-1) PART ONLY
3X Ø .201 ∓ .570
∨ Ø .284 X 90°, NEAR SIDE
TAP FOR 4-10-32 HELICOIL INSERT = 1.5" DIA
@ 120° SPACING
8X Ø .261 ∓ .350
∨ Ø .350 X 90°, NEAR SIDE
TAP FOR 1/4-28 HELICOIL INSERT = 1.0" DIA
(-1) PART ONLY
Groove for Parker #458 O-Ring
with 2x Backer Rings
(2 PL)
R .30
5.00°
.60
Ø16.00
Ø14.990 +.000 -.004
Ø14.542 +.000 -.005
100 X 45.00°
2.50
.75
3.00
SECTION C-C
R7.750 BC
11.25°
2.75
4.76
C
FV Cover (2 per Assy)
See Cover
C
1.3
SW_A-2151
81


Same As Opposite End
100 X 45.00°
BOTH ENDS
SECTION E-E
R 10
TYP
R 50
2.500
3.00
15.00
Ø 641 ⊽ .650
TAP FOR 5/8-18 HELICOIL INSERT = 1.0 * DIA
3X Ø .891 ⊽ 1.160
TAP FOR 7/8-14 HELICOIL INSERT = 1.0 * DIA
32X Ø .261 ⊽ .590
Ø .350 X 90°, NEAR SIDE
TAP FOR 1/4-28 HELICOIL INSERT = 1.0 * DIA
R 75
R 75
6.39
2.00 TYP
2.00 C.C.
0.05 Deep
R 800
VIEW D-D
2X Ø .891 ⊽ 1.160
TAP FOR 7/8-14 HELICOIL INSERT = 1.0 * DIA
FV Joiner
See Cover
C
1:4
SW_A-2151
B1


ITEM NO.
PART NUMBER
DESCRIPTION
QTY.
1
Motor_Controller_PV_tube_16x38-reduced_mid_section
2
2
Motor_Controller_PV-cover
[-1] Part [w/ 7/16 Tapped Holes]
1
3
Motor_Controller_PV-joiner Rev-B
1
4
93085A561
MCM93085A561-174-20x1_100_deg_screw
64
5
Motor_Controller_PV-cover
[-1] Part [Blank]
1
.005 NOMINAL RADIAL CLEARANCE
SECTION A-A
Ø16.00
13.50
10.00
13.50
38.00
MCS Motor Controller PV
C
1:5
SW_A-2151
B1


2.63
13.50
150 X 25.0°
BOTH ENDS
Ø16.00
Ø15.000
[Ø15]
SECTION B-B
.400
32X Ø .257 THRU
Ø .500 X 100°
FV Tube (2 per Assy)
See Cover
C
1:3
SW_A-2161
B1