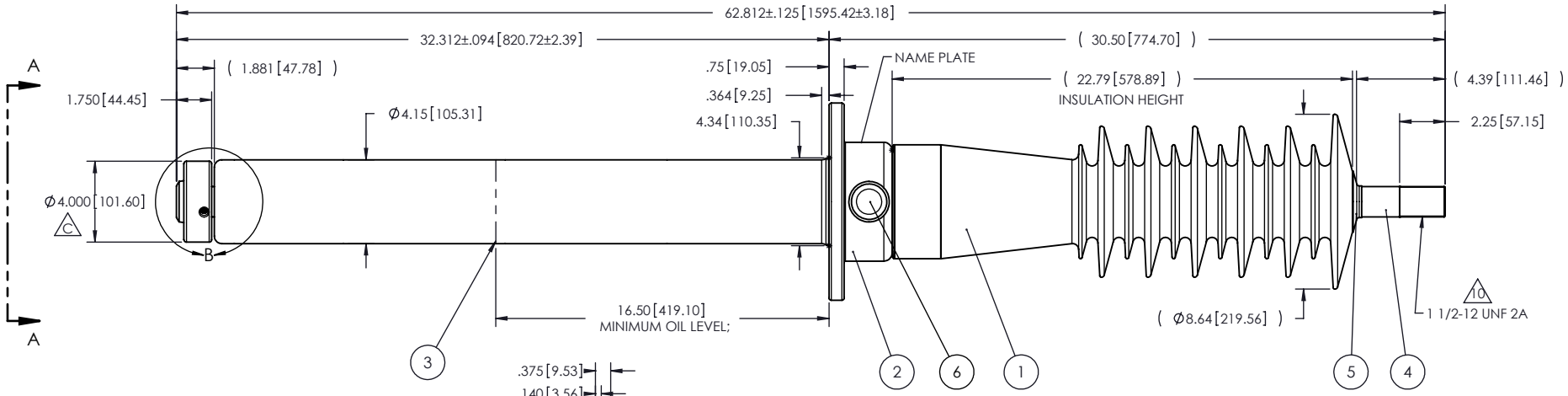
NOTES:

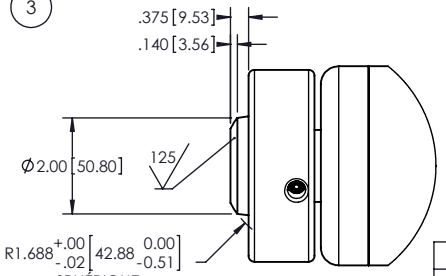
1	CREEPAGE DISTANCE:	52.13" / 1324.11mm
2	ARC DISTANCE:	25.41" / 645.40mm
3	NOMINAL VOLTAGE:	69kV
4	NOMINAL CURRENT:	1200A
5	WITHSTAND VOLTAGE AT 60 sec.:	160kV
6	B.I.L. :	350kV
7	ROUTINE TEST ACCORDING TO:	IEEE C57.19.00
8	MAX. TORQUE APPLIED ON FLANGE BOLTS:	40 lbf x ft
9	WEIGHT:	103.1 lbs / 46.7 Kg

10 SILVER PLATED TOP END, AS PER ASTM B700, TYPE 1, GRADE D, CLASS N, NO NICKEL LAYER, FROM 13 TO 20 MICROMETERS THICKNESS

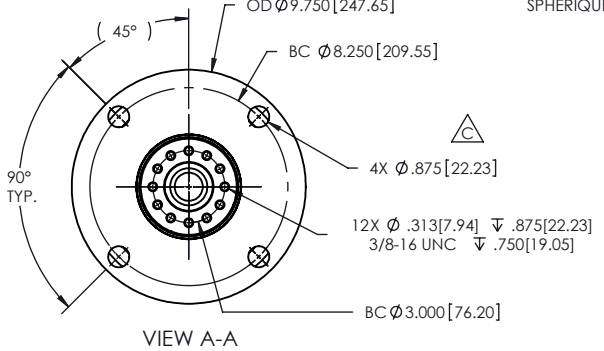
RÉVISIONS

ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
	A	ITEM #6 WAS MISSING IN PART LIST	D.Delisle	2008-08-18	J.V.
	B	CHANGING NUMBER OF HOLES, 8 HOLES BECAME 6 HOLES.	D.Delisle	2008-10-23	J.V.
	C	CHANGING NUMBER OF HOLES, 6 HOLES BECAME 12 HOLES.	D.Delisle	2008-10-30	J.V.
D-6	D	Ø4.25 BECOMES Ø4.00	J.N.P	2009-12-09	J.V.





DÉTAIL B
ECHELLE 1 : 4



VIEW A-A

ITEM NO.	QTY	DRAWING NO.	PART NO.	DESCRIPTION	NOTE / MAT'L
6	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
5	1	S-1001-0007		CAP	COPPER
4	1	S-5318-4938		ROD ASSEMBLY	COPPER
3	1	S-5318-4937		SHIELD ASSEMBLY	COPPER
2	1	S-5171-4722		FLANGE	ALUMINUM
1	1			CASTING, CYCLOALIPHATIC RESIN	EC-APG-02

PARTS LIST

GENERAL TOLERANCES
(UNLESS OTHERWISE SPECIFIED)

X.	±0.125
.X	±0.094
.XX	±0.063
.XXX	±0.010
ANGLES	±5°
RADIUS	±0.031

REMOVE BURRS AND BREAK SHARP EDGES

DIMENSIONS ARE IN INCHES
(UNLESS OTHERWISE SPECIFIED)

DRAWN BY: D.Delisle	DATE: 2008/07/24
CHECK BY:	
PROJECT ING.:	
PROJECT MANAGER:	

Electro Composites™
solid HV bushings solution

TITLE:
BUSHING 69kV, 1200A
MODEL: 350-012-B-417-00

FORMAT	CAGE CODE	DRAWING NO.	REVISION
A		S- 5318-4936	D

SCALE	GENERETED BY:	SHEET
1:8	SolidWorks 2008	1 of 1