NOTES
1. LAYUP BEGINS AT RIGHT AND CONSISTS OF ITEM 2 PAPER SEPARATOR, ITEM 3 SCINTILLATOR, ITEM 2 PAPER SEPARATOR, ITEM 4 LEAD SEPARATOR PATTERN IS REPEATED 194 TIMES.
2. NUTS SHALL BE TIGHTENED IN THE SEQUENCE ILLUSTRATED TO THE FOLLOWING TORQUES:
   ITEM 11, #10-24 NUT, 12 in-lb
   ITEM 13, #8-32 NUT, 8 in-lb
3. ESTIMATED WEIGHT = 35 LBS
108.25 [4.262 in]
54.13 [2.131 in]
10.83 [.426 in] TYP
9.37 [.369 in] TYP
97X Ø1.50 [Ø.059 in]
ARRANGED AS ILLUSTRATED

6X Ø5.11 [Ø.201 in]
Ø112.51 [Ø4.429 in]

UNLESS OTHERWISE NOTED
ALL DIMENSIONS ARE MILLIMETERS
DECIMAL TOLERANCE
X = .3
XX = .12
ANGULAR TOL. ±.9

WRITTEN ALL BENDS AND BEND RADIUS TO BE IN ACCORDANCE
WITH LATEST ASME Y14.5M
DIMENSIONS TO BE IN ACCORDANCE WITH ASME Y14.5M

IN PROGRESS
WIEDMEYER 10/16/2015
V. GUARINO

DO NOT SCALE DRAWING

PAPER SEPARATOR
PAPER
1=1 1 OF 1 B

ARGONNE NATIONAL LABORATORY
THIS DRAWING IS THE PROPERTY OF

ARGONNE NATIONAL LABORATORY

ITEM NO. 2 NEXT ASSEMBLY 200318
REV. 00 PROJECT NO.

PROJECT: 200318-2
UNLESS OTHERWISE NOTED

ALL DIMENSIONS ARE MILLIMETERS

DECIMAL TOLERANCE

X ± .3
XX ± .12

ANGULAR TOL. ± 1/2

ARRANGED AS ILLUSTRATED

97X Ø1.5 [Ø.059 in]

10.83 [.426 in] TYP

9.37 [.369 in] TYP

54.13 [2.131 in]

108.25 [4.262 in]

6X Ø5.11 [Ø.201 in]

Ø112.51 [Ø4.429 in]

1.50 [.059 in]
31.75 [1.250 in]
15.88 [.625 in]
12.70 [.500 in]
25.40 [1.000 in]

\( \phi 93.98 [\phi 3.700 \text{ in}] \)

\( \phi 86.36 [\phi 3.400 \text{ in}] \)

\( \phi 4.8 [\phi .19 \text{ in}] \)

CBORE

\( \phi 6.6 [\phi .26 \text{ in}] \pm .11 [.201 \text{ in}] \)

UNLESS OTHERWISE NOTED

ALL DIMENSIONS ARE IN MILLIMETERS

DECIMAL TOLERANCE

\( \times .3 \)

\( \times .12 \)

ANGULAR TOL. \( \pm .025 \)

REMARK ALL BOLTS AND SCREWholes
SHOULD BE IN ACCORDANCE
WITH LATEST ASME B18.2.1-1975
STANDARD. ALL DEFLECTIONS IN
SHEETS SHOULD BE IN ACCORDANCE WITH APRT. 404.1-1975

IN PROGRESS

WIEDEMeyer

DATE

3/16/2017

CHECKED

V. GUARINO

PROJECT 

PMT PLATE

MATERIAL

6061-T6 ALUMINUM
UNLESS OTHERWISE NOTED

ALL DIMENSIONS ARE MILLIMETERS.
DECIMAL TOLERANCE
X ± .5
XX ± .25

ANGULAR TOL. ± 5°

REMOVE ALL BURRS AND SHARP EDGES.
SURFACES TO BE IN ACCORDANCE WITH LATEST AND ONLY
DETERMINED DETAIL.

IN ACCORDANCE WITH LATEST AND ONLY
DETERMINED DETAIL.

DO NOT SCALE DRAWING

IN PROGRESS

DRAWN BY
3/16/2017

WIEDMEYER

CHECKED

V. GUARINO

DATE

DATE

PROJECT NO.

200318

DESCRIPTION:

PMT PLATE STANDOFF

MATERIAL

6061 ALUMINUM

SCALE

2:1

SHEET

1 OF 1

SHEET SIZE

B

PART NUMBER

200318-9

REV

00

ARGONNE NATIONAL LABORATORY

THIS DRAWING IS THE PROPERTY OF

A

4

3

2

1

A

B

B

A

6.4 [0.25 in]

4.6 [0.18 in]