

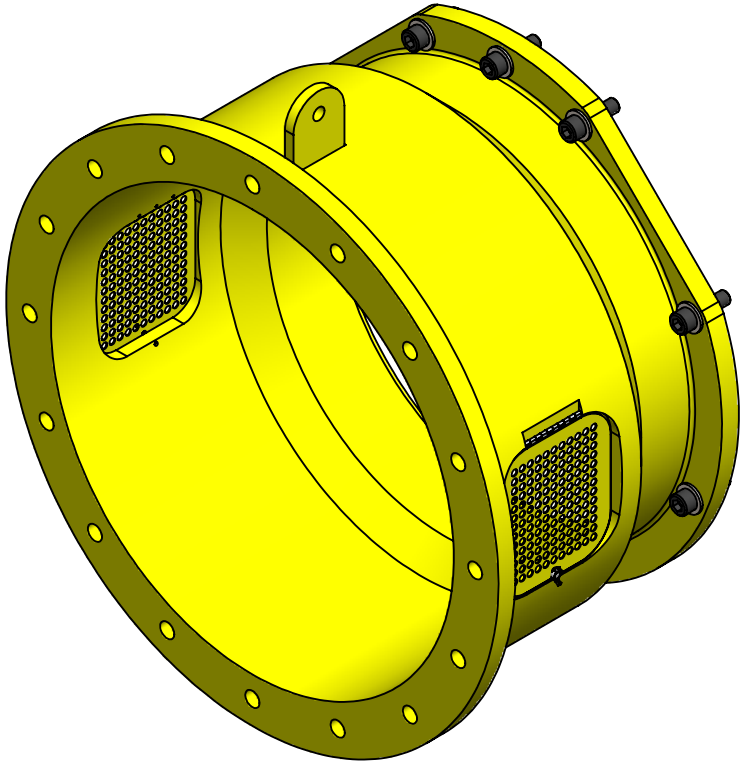
SIDE VIEW - OPEN VIEWPORT

NOTES:

1. POWDER COAT ITEMS 1, 2, 3, AND 4 "SAFETY YELLOW" AFTER ASSEMBLY. POWDER COAT FINISH IS PREFERRED. IF POWDER COATING IS NOT FEASIBLE, USE INTERSHIELD 300 PRIMER AND INTERTHANE 990 POLYURETHANE TOP COAT.
2. ALL WELDS IN ACCORDANCE WITH CSA W59 AND THE WELD RECORD. SUBMIT COMPLETED WELD RECORD TO THE DIR FOR THE DRMS ORDER.
3. DEBURR AND BREAK ALL SHARP EDGES.
4. REFERENCE DWG #2450716 FOR USE IN LIFTING CONFIGURATION.

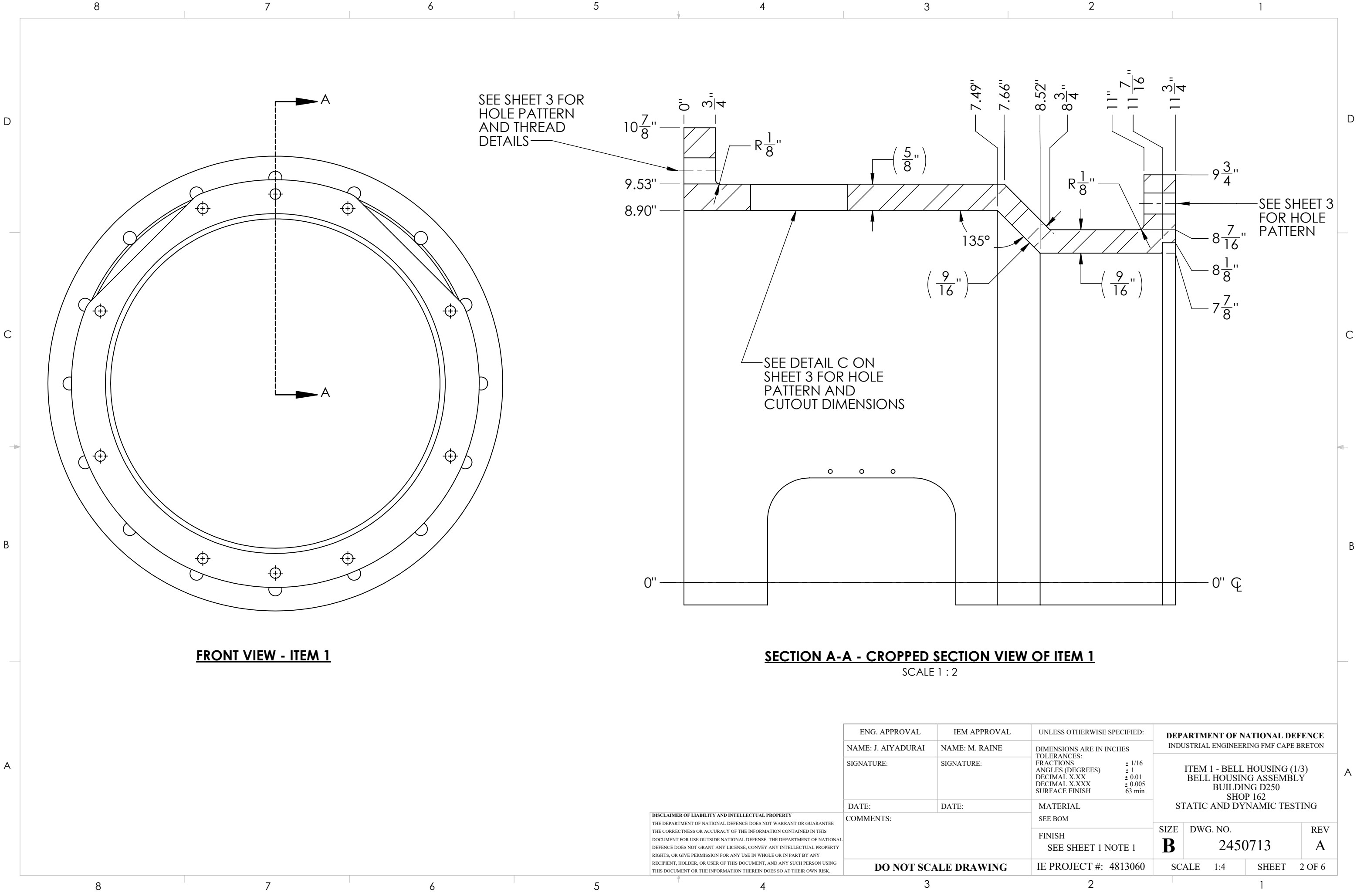
DISCLAIMER OF LIABILITY AND INTELLECTUAL PROPERTY
THE DEPARTMENT OF NATIONAL DEFENCE DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OR ACCURACY OF THE INFORMATION CONTAINED IN THIS DOCUMENT FOR USE OUTSIDE NATIONAL DEFENSE. THE DEPARTMENT OF NATIONAL DEFENCE DOES NOT GRANT ANY LICENSE, CONVEY ANY INTELLECTUAL PROPERTY RIGHTS, OR GIVE PERMISSION FOR ANY USE IN WHOLE OR IN PART BY ANY RECIPIENT, HOLDER, OR USER OF THIS DOCUMENT, AND ANY SUCH PERSON USING THIS DOCUMENT OR THE INFORMATION THEREIN DOES SO AT THEIR OWN RISK.

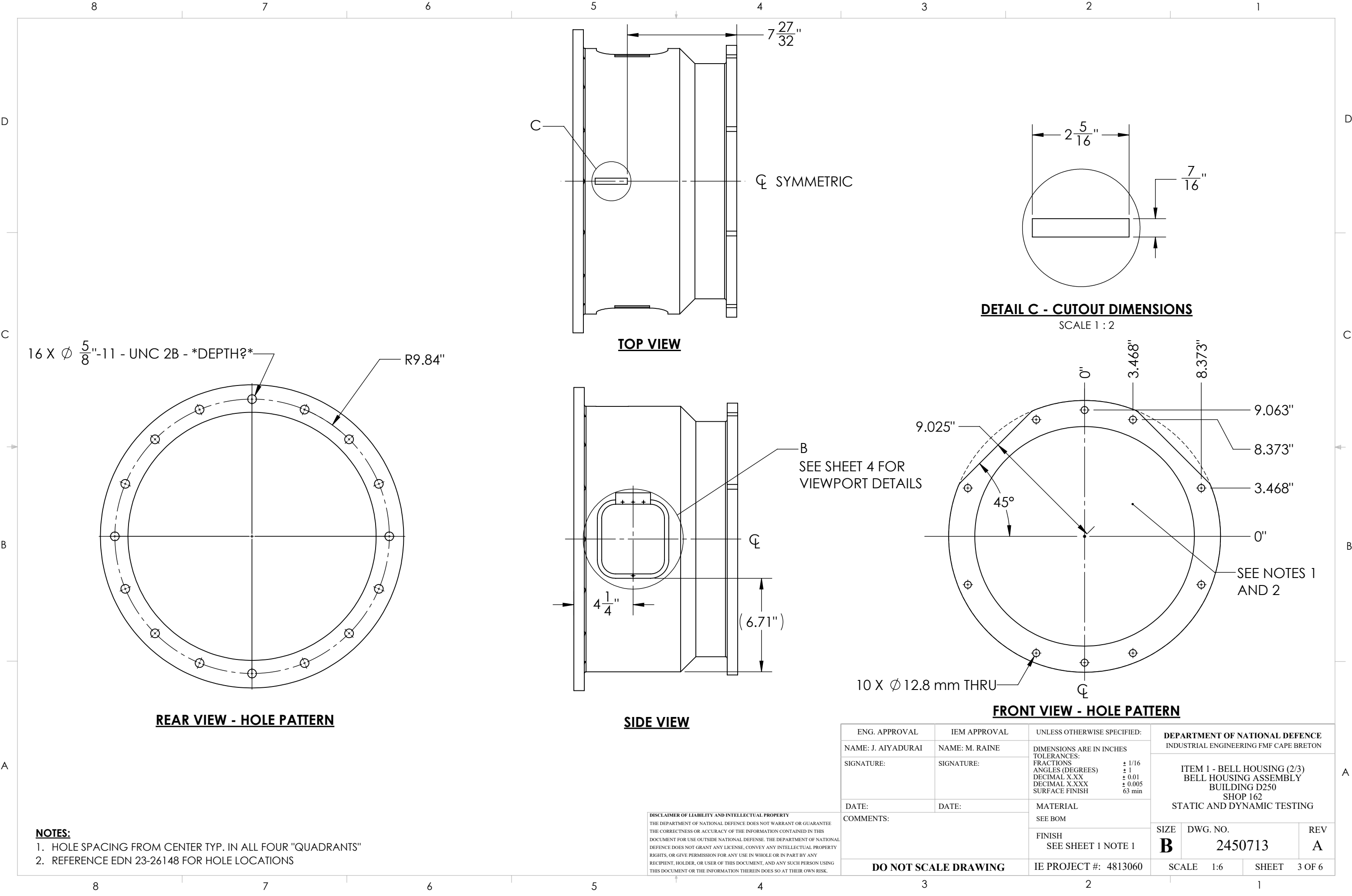
| ITEM NO. | QTY. | DESCRIPTION | MATERIAL/PART NUMBER | DETAILS |
|----------|------|---|---------------------------|------------|
| 1 | 1 | BELL HOUSING | - | SHEETS 2-4 |
| 2 | 1 | LUG | ASTM A36 STEEL | SHEET 6 |
| 3 | 2 | VIEWPORT COVER | ASTM A36 STEEL | SHEET 6 |
| 4 | 2 | PIANO HINGE | P/N: 15665A901 [MCMASTER] | SHEET 6 |
| 5 | 6 | M2 X 0.4 X 10, FLAT HEAD SCREW | P/N: 91294A006 [MCMASTER] | - |
| 6 | 2 | M3 X 0.5 X 12, WING HEAD THUMB SCREW | P/N: 92625A106 [MCMASTER] | - |
| 7 | 10 | 1/2" - 20 X 1-1/2", SOCKET HEAD CAP SCREW | P/N: 91251A016 [MCMASTER] | - |
| 8 | 10 | 1/2" FLAT WASHER | P/N: 30804 [MSC] | - |

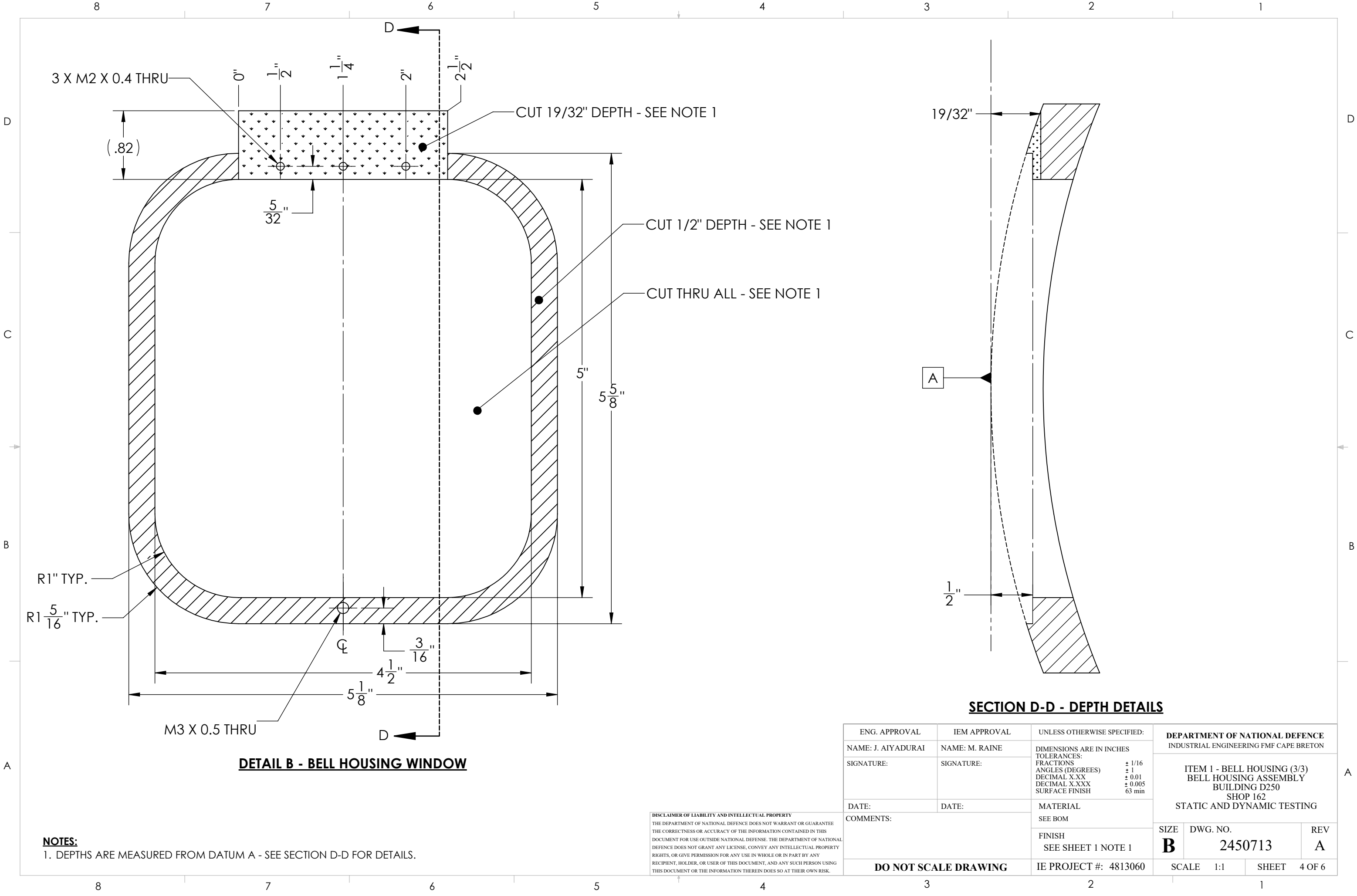


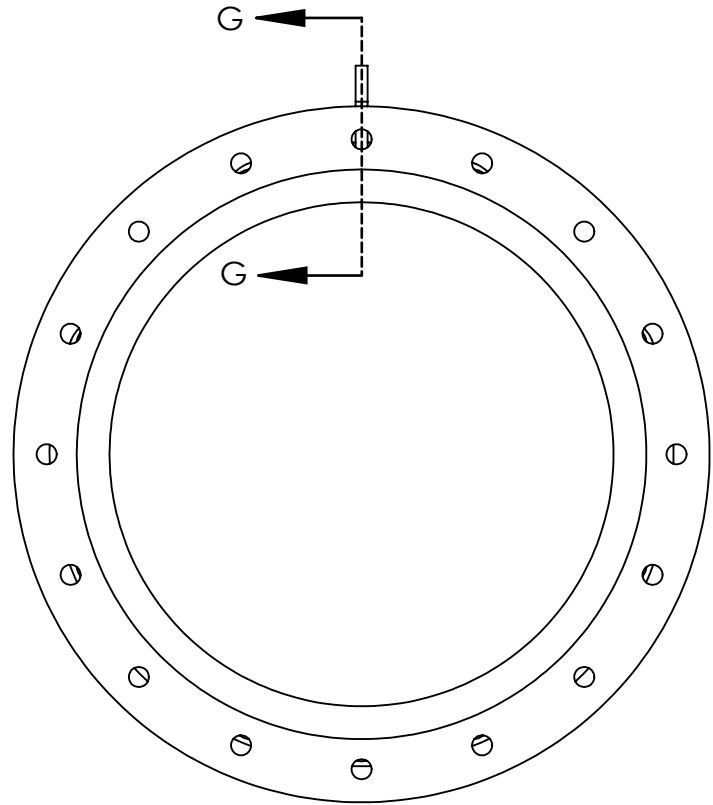
ISOMETRIC VIEW
SCALE 1:6

| PRODUCTION REVIEW & SIGN-OFF | | | | | | |
|------------------------------|-----|----------------|--------------|-----------------------------|------------------|--|
| GROUP # | WC | POSITION | NAME | DATE | SHEETS TO REVIEW | SIGNATURE |
| 1 | 112 | WCS | S. MUSFELT | | ALL | |
| 1 | 113 | WCS | R. CLARE | | SHEET 5 | |
| 1 | 114 | WCS | B. MILLER | | SHEET 6 | |
| 6 | 164 | WCS | B. ALEXANDER | | ALL | |
| ENG | 212 | PE | J. REAUME | | ALL | |
| ENG. APPROVAL | | IEM APPROVAL | | UNLESS OTHERWISE SPECIFIED: | | DEPARTMENT OF NATIONAL DEFENCE INDUSTRIAL ENGINEERING FMF CAPE BRETON |
| NAME: J. AIYADURAI | | NAME: M. RAINE | | DIMENSIONS ARE IN INCHES | | |
| SIGNATURE: | | SIGNATURE: | | TOLERANCES: FRACTIONS | | |

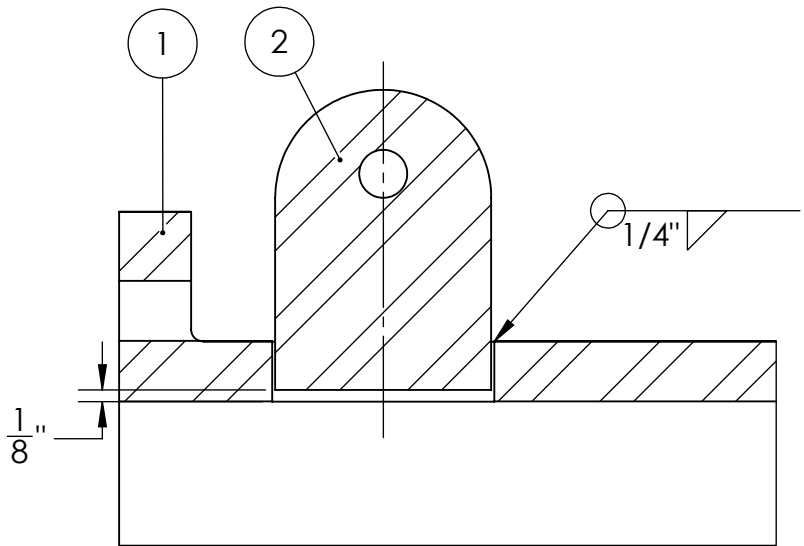




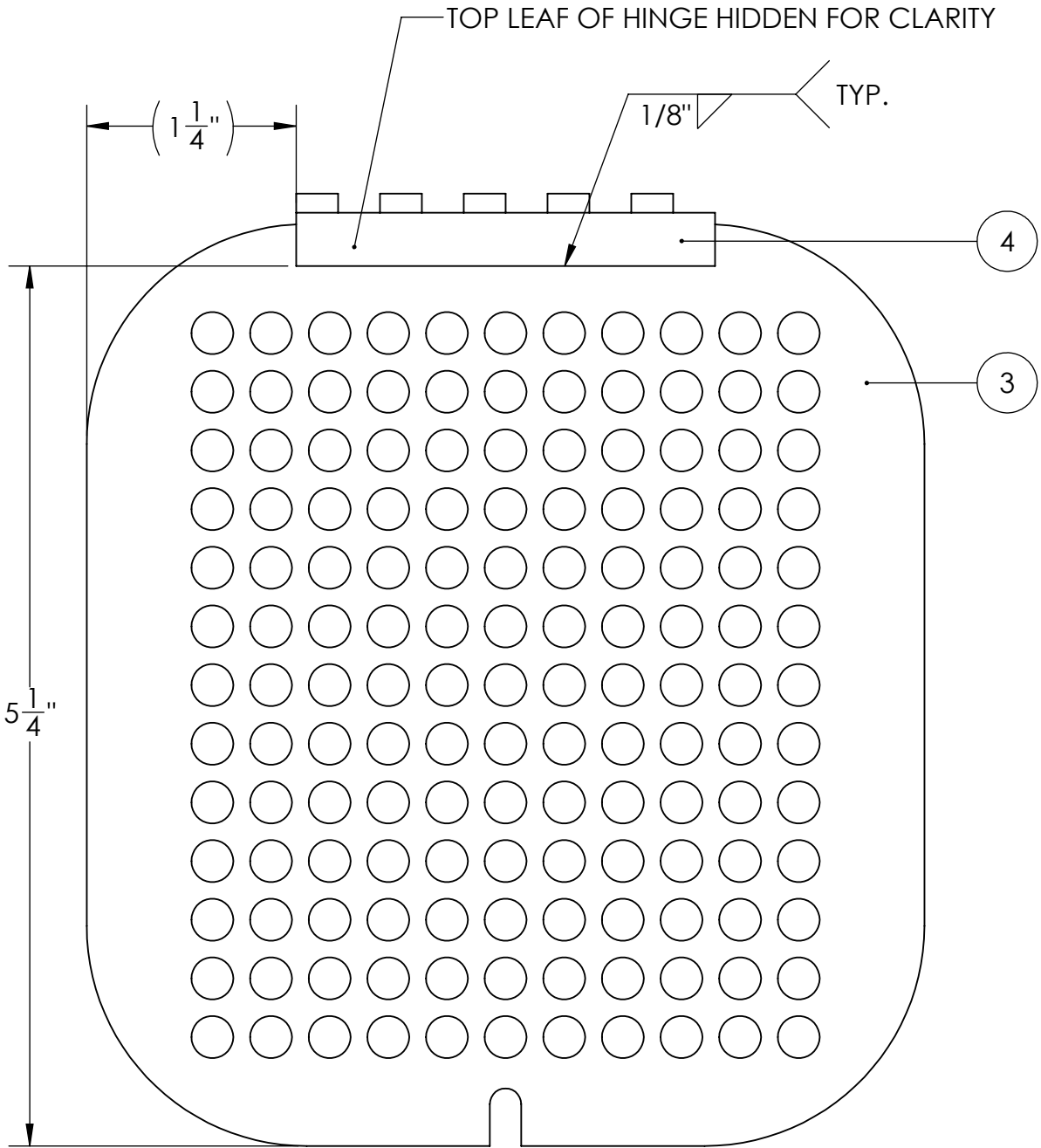




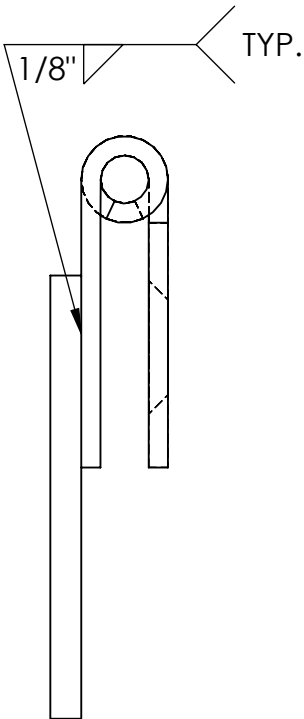
REAR VIEW - BELL HOUSING ASSEMBLY
SCALE 1 : 4



SECTION G-G - LUG WELD



VIEWPORT HINGE WELD AND POSITION DETAIL
SCALE 1 : 1



VIEWPORT HINGE WELD DETAIL
SCALE 4 : 1

DISCLAIMER OF LIABILITY AND INTELLECTUAL PROPERTY
THE DEPARTMENT OF NATIONAL DEFENCE DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OR ACCURACY OF THE INFORMATION CONTAINED IN THIS DOCUMENT FOR USE OUTSIDE NATIONAL DEFENSE. THE DEPARTMENT OF NATIONAL DEFENCE DOES NOT GRANT ANY LICENSE, CONVEY ANY INTELLECTUAL PROPERTY RIGHTS, OR GIVE PERMISSION FOR ANY USE IN WHOLE OR IN PART BY ANY RECIPIENT, HOLDER, OR USER OF THIS DOCUMENT, AND ANY SUCH PERSON USING THIS DOCUMENT OR THE INFORMATION THEREIN DOES SO AT THEIR OWN RISK.

| | | | | | |
|----------------------|----------------|--|--|---------------------|--------------|
| ENG. APPROVAL | IEM APPROVAL | UNLESS OTHERWISE SPECIFIED: | DEPARTMENT OF NATIONAL DEFENCE INDUSTRIAL ENGINEERING FMF CAPE BRETON | | |
| NAME: J. AIYADURAI | NAME: M. RAINE | DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS ± 1/16 ANGLES (DEGREES) ± 1 DECIMAL X.XX ± 0.01 DECIMAL X.XXX ± 0.005 SURFACE FINISH 63 min | WELD DETAILS AND POSITIONING BELL HOUSING ASSEMBLY BUILDING D250 SHOP 162 STATIC AND DYNAMIC TESTING | | |
| SIGNATURE: | SIGNATURE: | | | | |
| DATE: | DATE: | | | | |
| COMMENTS: | | | | | |
| | | FINISH SEE SHEET 1 NOTE 1 | SIZE B | DWG. NO. 2450713 | REV A |
| DO NOT SCALE DRAWING | | IE PROJECT #: 4813060 | SCALE 1:2 | | SHEET 5 OF 6 |

