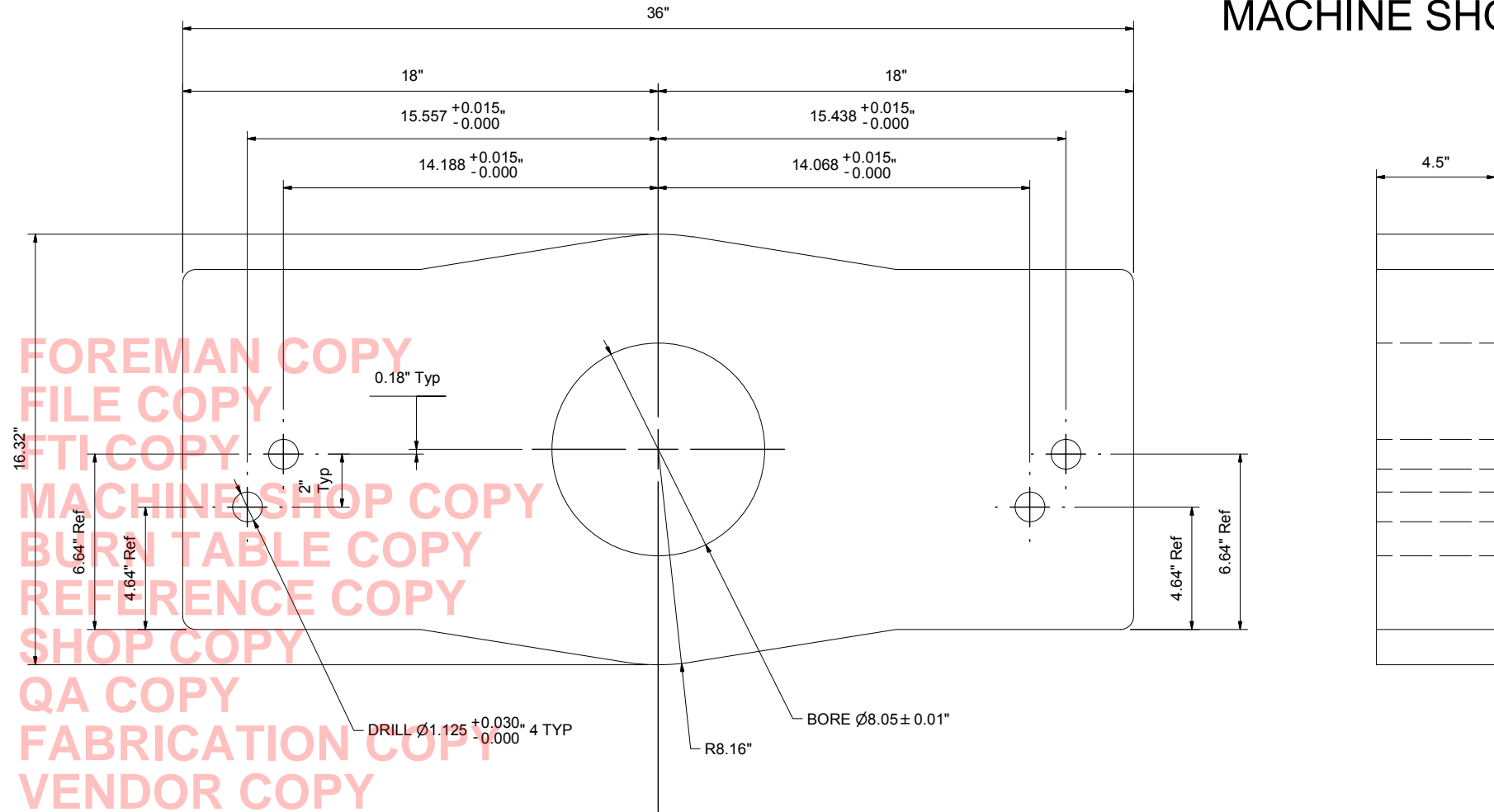


Machine Shop Copy
This is the machine shop

| BILL OF MATERIALS | | | | | | |
|-------------------|-----------|-----------------|------------|--------|-----|-------------|
| MARK | STOCK # | DESCRIPTION | WIDTH | LENGTH | QTY | UNIT WEIGHT |
| 2p1 | 100-02861 | PL 50W - 4 1/2" | 1'-4 5/16" | 3'-0" | 1 | 590.04 |

DXF FILE #15520101
MACHINE SHOP



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BY
DATE 2014-12-21
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TOLERANCES AS PER QMF-03

WO# 15520
CONTROLLED DOCUMENT

CUSTOMER REFERENCE

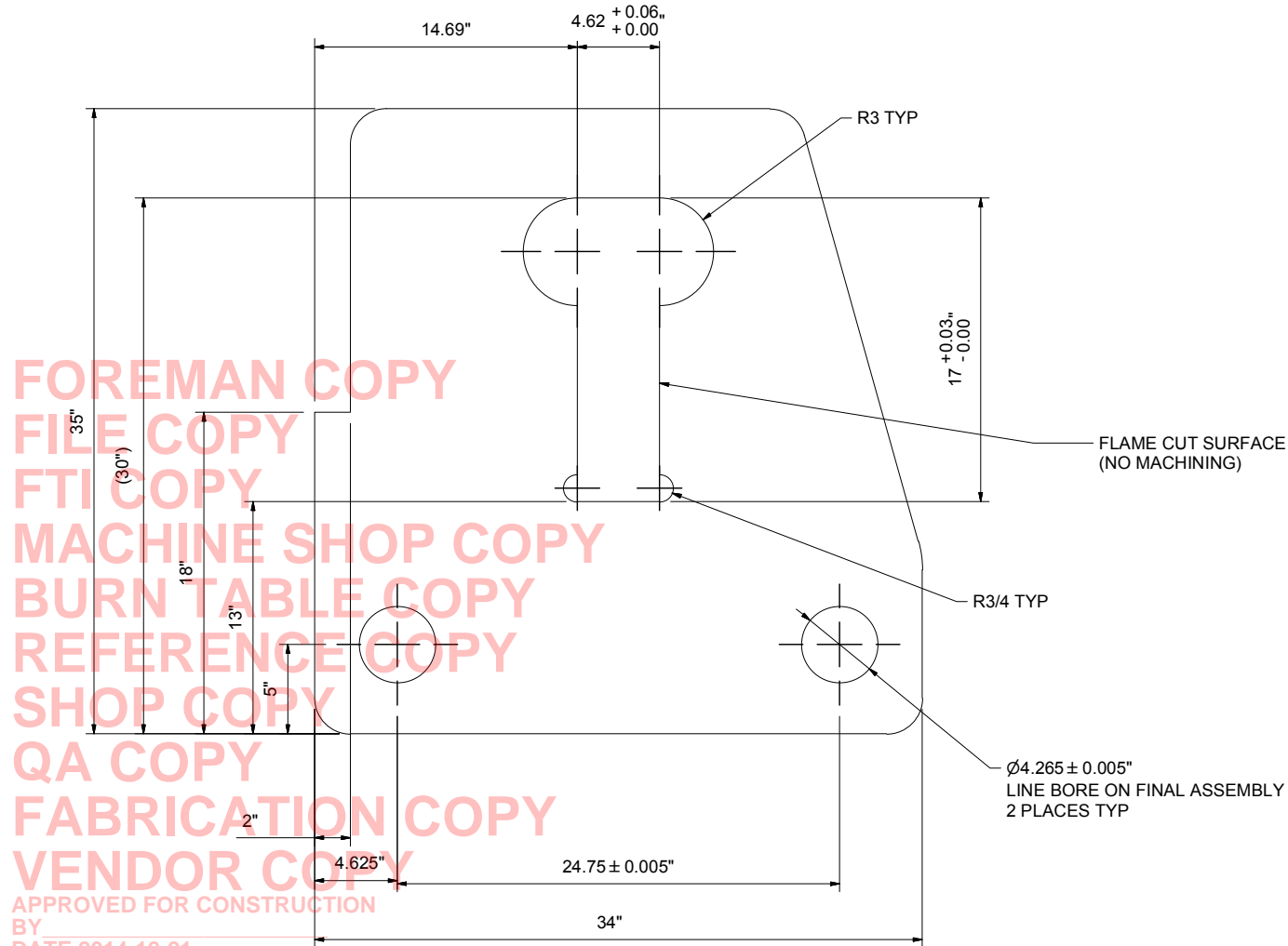
Ja-Co
Welding & Consulting Ltd.
1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433
email: ja-co@telusplanet.net website: jacoweld.com

| | | | | |
|----------|---------------|----------|---------|---|
| CUSTOMER | Ja-Co | DRAWN | bmurphy | DATE |
| PROJECT | BECKET HOLDER | CHECKED | | DATE |
| TITLE | Becket Holder | APPROVED | | DATE |
| W.O. # | 15520 | SCALE | N.T.S. | DRAWING # / SHEET # eqt-1269-A-002 / 7 of 19 |
| | | | | 0 |

IF IN DOUBT.....ASK!

| BILL OF MATERIALS | | | | | | |
|-------------------|-----------|-----------------|--------|--------|-----|-------------|
| MARK | STOCK # | DESCRIPTION | WIDTH | LENGTH | QTY | UNIT WEIGHT |
| 2p2 | 100-01543 | PL QT100 2 1/2" | 2'-10" | 2'-11" | 2 | 659.00 |

DXF FILE #15520102
MACHINE SHOP



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BY
DATE 2014-12-21
(DESTROY PREVIOUS REVISION)

TOLERANCES AS PER QMF-03

WO# 15456
CONTROLLED DOCUMENT

CUSTOMER
REFERENCE

CUSTOMER
Ja-Co

DRAWN
bmurphy

DATE

PROJECT
BECKET HOLDER

CHECKED

DATE

TITLE
Becket Holder

APPROVED

DATE

W.O. #
15520

SCALE
N.T.S.

DRAWING # /
eqt-1269-A-002

SHEET #
8 of 19



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Welding & Consulting Ltd.

1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433
email: ja-co@telusplanet.net website: jacoweld.com

IF IN DOUBT.....ASK!

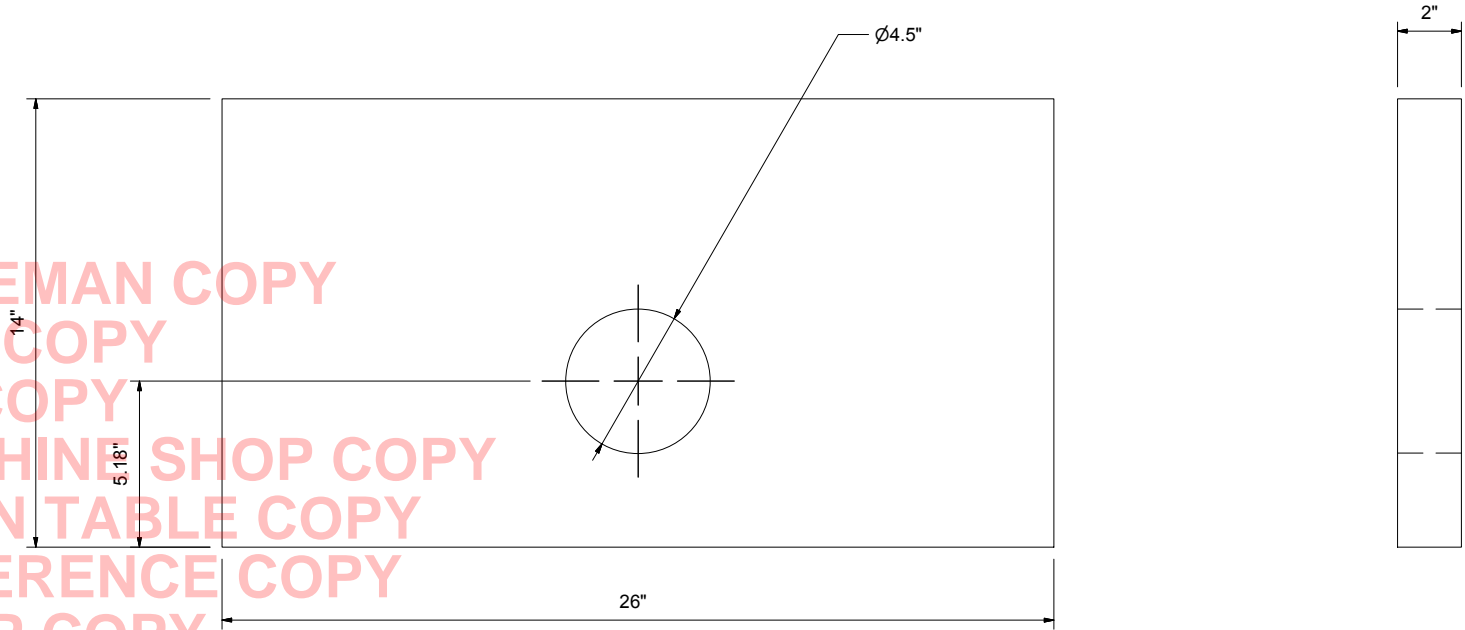
ALL SURFACES
FLAME CUT
(NO MACHINING)

| BILL OF MATERIALS | | | | | | |
|-------------------|-----------|-------------|-------|--------|-----|-------------|
| MARK | STOCK # | DESCRIPTION | WIDTH | LENGTH | QTY | UNIT WEIGHT |
| 2p3 | 100-02316 | PL 50W - 2" | 1'-2" | 2'-2" | 1 | 197.69 |

DXF FILE #15520103

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MACHINE SHOP COPY
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REFERENCE COPY
SHOP COPY
QA COPY
FABRICATION COPY
VENDOR COPY

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BY _____
DATE 2014-12-21
(DESTROY PREVIOUS REVISION)



TOLERANCES AS PER QMF-03

CONTROLLED DOCUMENT

CUSTOMER
REFERENCE

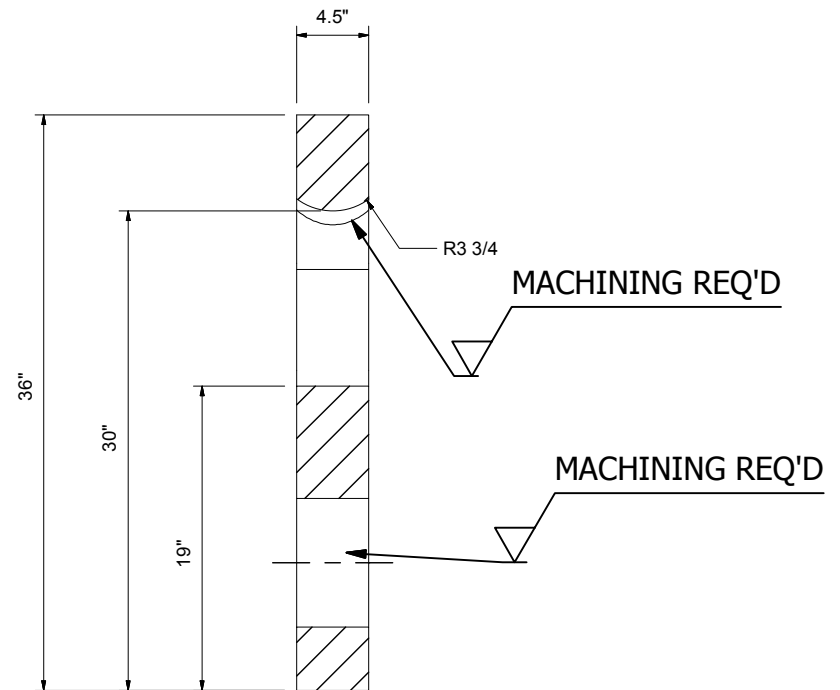
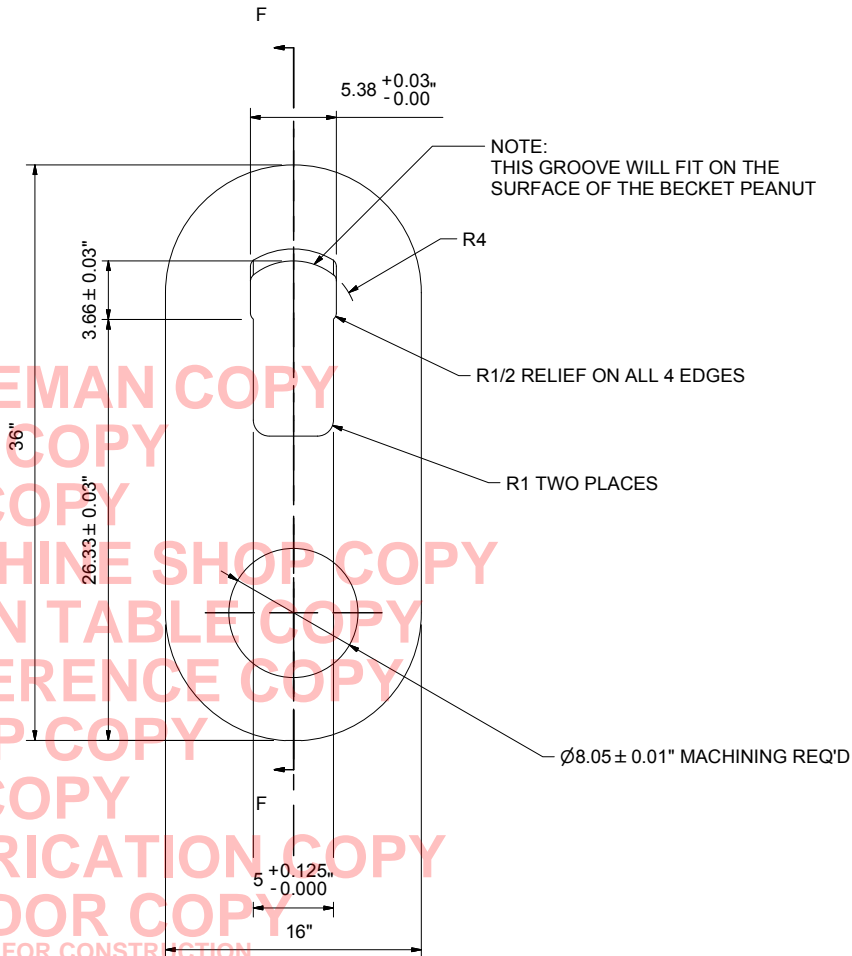
Ja-Co
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email: ja-co@telusplanet.net website: jacoweld.com

| | | | | |
|----------|---------------|----------|---------|---|
| CUSTOMER | Ja-Co | DRAWN | bmurphy | DATE |
| PROJECT | BECKET HOLDER | CHECKED | | DATE |
| TITLE | Becket Holder | APPROVED | | DATE |
| W.O. # | 15520 | SCALE | N.T.S. | DRAWING # / SHEET # eqt-1269-A-002 9 of 19 |
| | | | | 0 |

IF IN DOUBT.....ASK!

| BILL OF MATERIALS | | | | | | |
|-------------------|-----------|-----------------|-------|--------|-----|-------------|
| MARK | STOCK # | DESCRIPTION | WIDTH | LENGTH | QTY | UNIT WEIGHT |
| 2p4 | 100-02861 | PL 50W - 4 1/2" | 1'-4" | 2'-10" | 1 | 528.72 |

DXF FILE #15520104 MACHINE SHOP



SECTION F-F
SCALE 1:12

APPROVED FOR CONSTRUCTION
BY
DATE 2014-12-21
(DESTROY PREVIOUS REVISION)

TOLERANCES AS PER QMF-03

WO# 15520
CONTROLLED DOCUMENT

| | | | | | |
|--|--|--------------------------|--|------------------|------|
| CUSTOMER REFERENCE | | CUSTOMER Ja-Co | | DRAWN bmurphy | DATE |
| 1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433 email: ja-co@telusplanet.net website: jacoweld.com | | PROJECT BECKET HOLDER | | CHECKED | DATE |
| | | TITLE Becket Holder | | APPROVED | DATE |
| W.O. # 15520 | | SCALE N.T.S. | DRAWING # / SHEET # eqt-1269-A-002 10 of 19 | | |

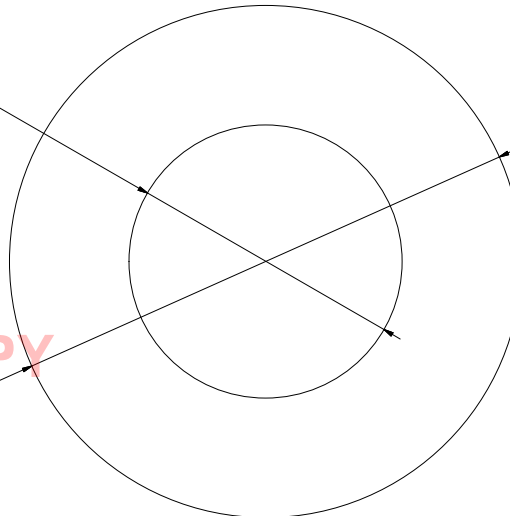
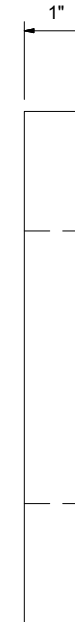
IF IN DOUBT.....ASK!

| BILL OF MATERIALS | | | | | | |
|-------------------|-----------|-------------|-------|--------|-----|-------------|
| MARK | STOCK # | DESCRIPTION | WIDTH | LENGTH | QTY | UNIT WEIGHT |
| 2p5 | 100-02313 | PL 50W - 1" | 8" | 8" | 2 | 10.23 |

DXF FILE #15520105

MACHINE SHOP

Ø4.26±0.005" LINE BORED AS PART
OF FINAL ASSEMBLY



Ø8±0.01"

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FILE COPY
FTI COPY
MACHINE SHOP COPY
BURN TABLE COPY
REFERENCE COPY
SHOP COPY
QA COPY
FABRICATION COPY
VENDOR COPY

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BY _____
DATE 2014-12-21
(DESTROY PREVIOUS REVISION)

TOLERANCES AS PER QMF-03

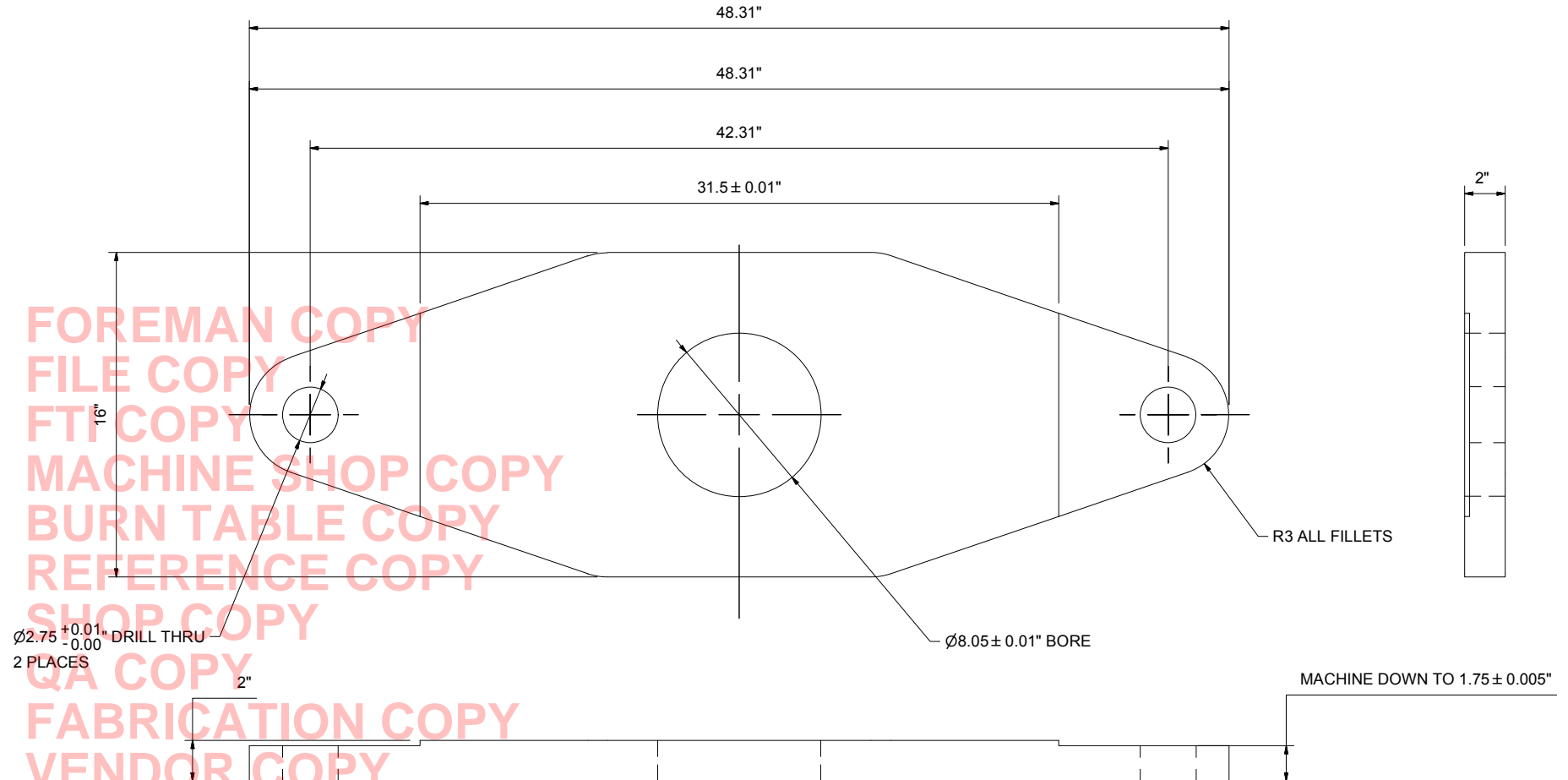
CONTROLLED DOCUMENT

IF IN DOUBT.....ASK!

| | | | | | |
|--|--|--------------------------|--|------------------|------|
| CUSTOMER REFERENCE | | CUSTOMER Ja-Co | | DRAWN bmurphy | DATE |
| 1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433 email: ja-co@telusplanet.net website: jacoweld.com | | PROJECT BECKET HOLDER | | CHECKED | DATE |
| | | TITLE Becket Holder | | APPROVED | DATE |
| W.O. # 15520 | | SCALE N.T.S. | DRAWING # / SHEET # eqt-1269-A-002 11 of 19 | | |

| BILL OF MATERIALS | | | | | | |
|-------------------|-----------|-------------|-------|-----------|-----|-------------|
| MARK | STOCK # | DESCRIPTION | WIDTH | LENGTH | QTY | UNIT WEIGHT |
| 2p6 | 100-01569 | PL 50W - 2" | 1'-4" | 4'- 5/16" | 1 | 279.86 |

DXF FILE #15520106
MACHINE SHOP



Ø2.75 ± 0.01 DRILL THRU
-0.00
2 PLACES

Ø8.05 ± 0.01 " BORE

R3 ALL FILLETS

MACHINE DOWN TO 1.75 ± 0.005 "

APPROVED FOR CONSTRUCTION
BY
DATE 2014-12-21
(DESTROY PREVIOUS REVISION)

TOLERANCES AS PER QMF-03

CONTROLLED DOCUMENT

CUSTOMER
REFERENCE

CUSTOMER
Ja-Co

DRAWN
bmurphy

DATE

PROJECT
BECKET HOLDER

CHECKED

DATE

TITLE
Becket Holder

APPROVED

DATE

W.O. #
15520

SCALE
N.T.S.

DRAWING # / SHEET #
eqt-1269-A-002 12 of 19



Ja-Co
Welding & Consulting Ltd.

1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433
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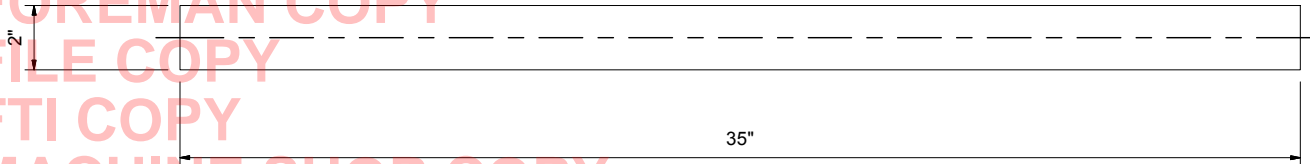
IF IN DOUBT.....ASK!

| BILL OF MATERIALS | | | | | | |
|-------------------|-----------|-------------|-------|--------|-----|-------------|
| MARK | STOCK # | DESCRIPTION | WIDTH | LENGTH | QTY | UNIT WEIGHT |
| 2p7 | 100-02316 | PL 50W - 2" | 2" | 2'-11" | 2 | 39.75 |

DXF FILE #15520107

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BY _____
DATE 2014-12-21
(DESTROY PREVIOUS REVISION)



TOLERANCES AS PER QMF-03

WD# 15456
CONTROLLED DOCUMENT

IF IN DOUBT.....ASK!

CUSTOMER
REFERENCE



CUSTOMER
Ja-Co

PROJECT
BECKET HOLDER

TITLE
Becket Holder

W.O. #
15520

SCALE
N.T.S.

DRAWING # / SHEET #
eqt-1269-A-002 13 of 19

DRAWN
bmurphy

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APPROVED

DATE

DATE

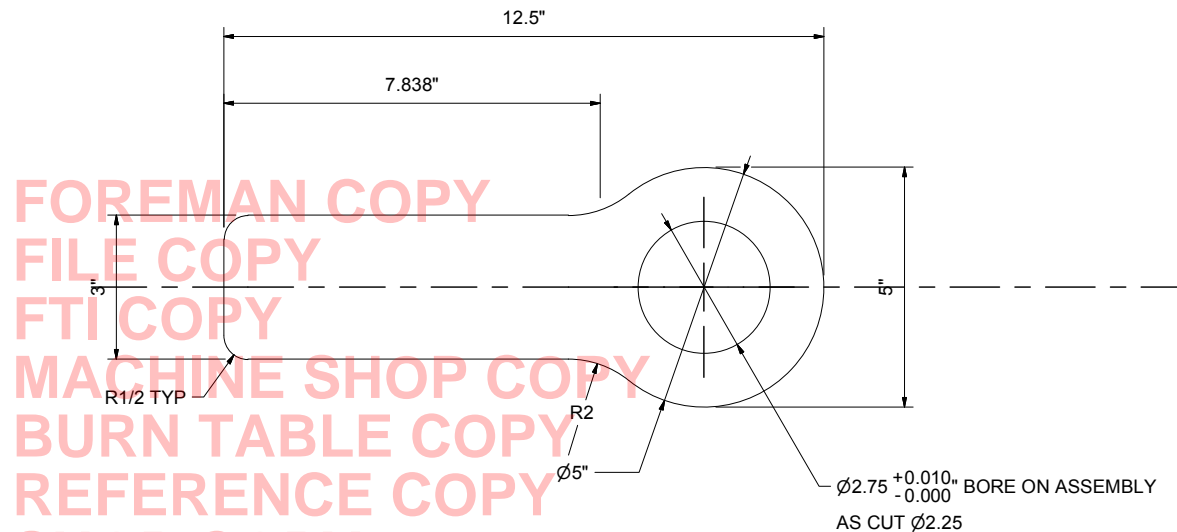
DATE



| BILL OF MATERIALS | | | | | | |
|-------------------|-----------|-------------|-------|----------|-----|-------------|
| MARK | STOCK # | DESCRIPTION | WIDTH | LENGTH | QTY | UNIT WEIGHT |
| 2p8 | 100-02313 | PL 50W - 1" | 5" | 1'- 1/2" | 8 | 10.43 |

DXF FILE #15520108

MACHINE SHOP



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BY
DATE 2014-12-21
(DESTROY PREVIOUS REVISION)

TOLERANCES AS PER QMF-03

WO# 15456
CONTROLLED DOCUMENT

CUSTOMER
REFERENCE

Ja-Co
Welding & Consulting Ltd.
1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433
email: ja-co@telusplanet.net website: jacoweld.com

| | | |
|--------------------------|------------------|--|
| CUSTOMER Ja-Co | DRAWN bmurphy | DATE |
| PROJECT BECKET HOLDER | CHECKED | DATE |
| TITLE Becket Holder | APPROVED | DATE |
| W.O. # 15520 | SCALE N.T.S. | DRAWING # / SHEET # eqt-1269-A-002 14 of 19 |
| 0 | | |

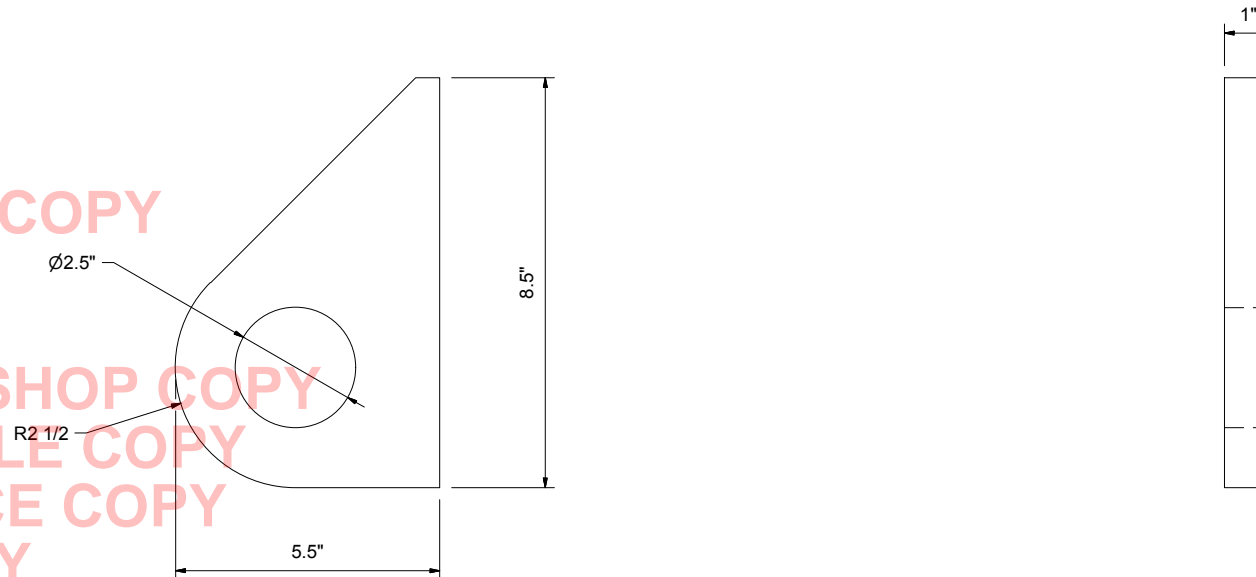
IF IN DOUBT.....ASK!

NOTE:
ALL SURFACES FLAME CUT

| BILL OF MATERIALS | | | | | | |
|-------------------|-----------|-------------|--------|--------|-----|-------------|
| MARK | STOCK # | DESCRIPTION | WIDTH | LENGTH | QTY | UNIT WEIGHT |
| 2p9 | 100-02313 | PL 50W - 1" | 5 1/2" | 8 5/8" | 2 | 7.96 |

DXF FILE #15520109

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FTI COPY
MACHINE SHOP COPY
BURN TABLE COPY
REFERENCE COPY
SHOP COPY
QA COPY
FABRICATION COPY
VENDOR COPY



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BY
DATE 2014-12-21
(DESTROY PREVIOUS REVISION
WO# 15458

TOLERANCES AS PER QMF-03

CONTROLLED DOCUMENT

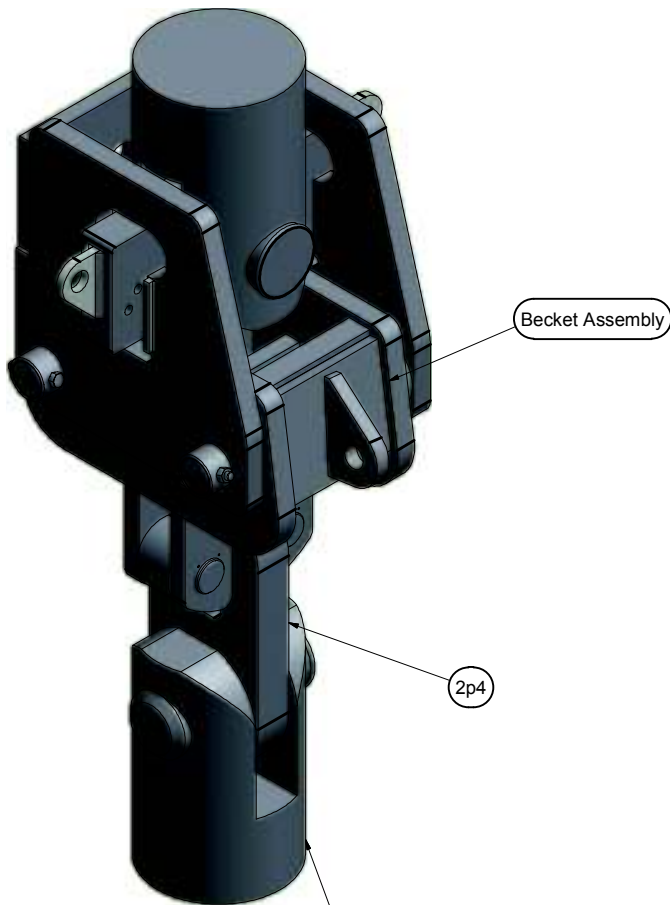
IF IN DOUBT.....ASK!

| | | | | |
|--|--------------------------|-----------------|--|------|
| Ja-Co Welding & Consulting Ltd. <small>1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433 email: ja-co@telusplanet.net website: jacoweld.com</small> | CUSTOMER Ja-Co | | DRAWN bmurphy | DATE |
| | PROJECT BECKET HOLDER | | CHECKED | DATE |
| | TITLE Becket Holder | | APPROVED | DATE |
| | W.O. # 15520 | SCALE N.T.S. | DRAWING # / SHEET # eqt-1269-A-002 15 of 19 | |

Foreman copy
This is foreman copy

IF IN DOUBT.....ASK!

NOTE: THESE ARE THE GENERAL ASSEMBLIES OF A BECKET IN A PULL TEST APARATUS.
THE BECKET AND YOKES ARE PRE-EXISTING.
GENERAL ASSEMBLY 1 SHOWS THE PULL TEST OF THE BECKET
GENERAL ASSEMBLY 2 SHOWS THE PULL TEST OF THE SIDE EARS
WE ARE ONLY MAKING THE HOLDING UNIT THAT ATTACHES THE BECKET TO THE YOKES

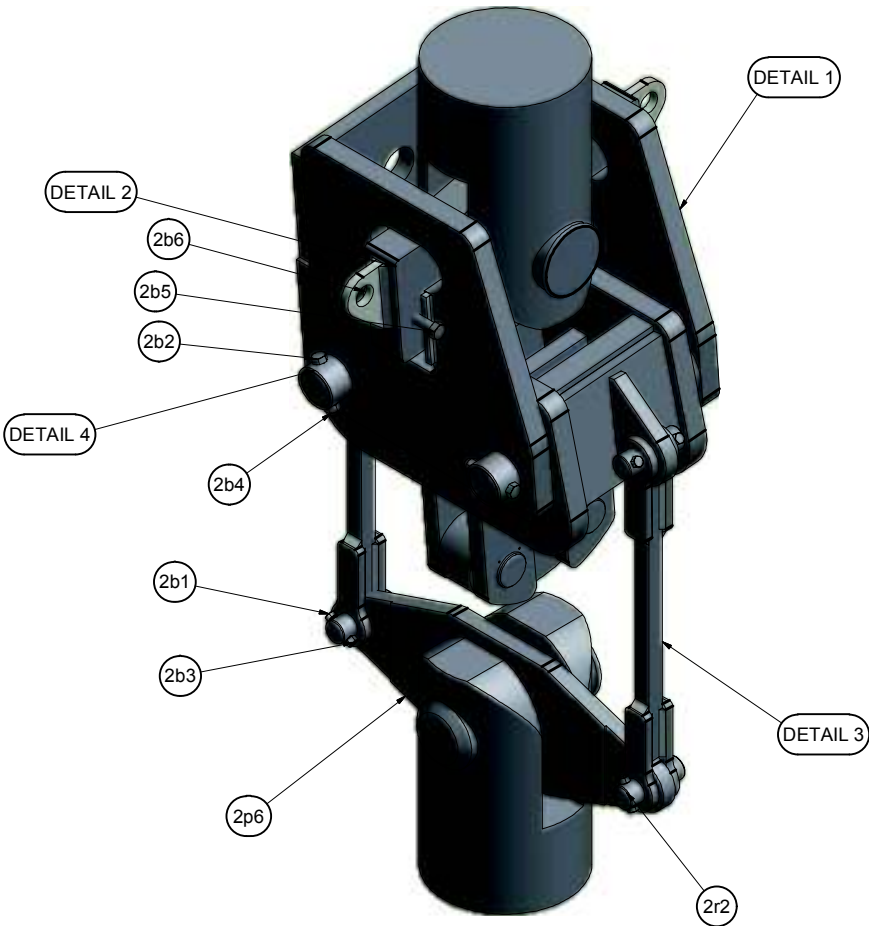


PULL TEST YOKE (ALL EXISTING)

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REFERENCE COPY
APPROVED FOR CONSTRUCTION
BY
[Signature]
WO# 16454

GENERAL ASSEMBLY 1

BECKET PULL TEST



GENERAL ASSEMBLY 2

EARS PULL TEST

| BILL OF MATERIALS | | | | | | |
|-------------------|-----------|---|------------|-----------|-----|-------------|
| MARK | STOCK # | DESCRIPTION | WIDTH | LENGTH | QTY | UNIT WEIGHT |
| 2b1 | 200-00997 | BOLT Gr.5-3/4" x 3 1/2" | | | 8 | 0.61 |
| 2b3 | 200-00965 | NUT Gr.5-3/4" | | | 8 | 0.14 |
| 2p4 | 100-02861 | PL 50W - 4 1/2" | 1'-10" | 2'-10" | 1 | 528.72 |
| 2p6 | 100-01569 | PL 50W - 2" | 1'-4" | 4'- 5/16" | 1 | 279.86 |
| DETAIL 1 | | TOP HOLDER | | | 1 | 1541.36 |
| 2p2 | 100-01543 | PL QT100 2 1/2" | 1" | 2'-11" | 2 | 659.00 |
| 2p3 | 100-02316 | PL 50W - 2" | 1'-2" | 2'-2" | 1 | 197.69 |
| 2p5 | 100-02313 | PL 50W - 1" | 8" | 8" | 2 | 10.23 |
| 2z2 | 100-02318 | KEY STOCK - 3/4" | | 9" | 4 | 0.18 |
| DETAIL 2 | | SLIDING PLATE | | | 1 | 606.77 |
| 2p1 | 100-02861 | PL 50W - 4 1/2" | 1'-4 5/16" | 3'-0" | 1 | 590.04 |
| 2p9 | 100-02313 | PL 50W - 1" | 5 1/2" | 8 5/8" | 2 | 7.96 |
| DETAIL 3 | | ROD ASSEMBLY | | | 2 | 128.55 |
| 2b2 | 200-01314 | BOLT Gr.5-1" x 6 1/2" | | | 1 | 1.87 |
| 2b4 | 200-00967 | NUT Gr.5-1" | | | 1 | 0.33 |
| 2r1 | 100-02674 | 4140 1 1/2" (HTSR) | | 2'-6 1/2" | 1 | 122.03 |
| 2z1 | 100-02329 | MECHANICAL TUBE - 5"od x 4.124"id (C1026) | | 3" | 1 | 4.32 |
| DETAIL 4 | | DOG BONE ARM | | | 2 | 83.80 |
| 2p7 | 100-02316 | PL 50W - 2" | 2" | 2'-11" | 1 | 39.75 |
| 2p8 | 100-02313 | PL 50W - 1" | 5" | 1'- 1/2" | 4 | 10.43 |
| 2b5 | 400-01736 | BOLT Gr.8-1" x 9" | | | 2 | 3.46 |
| 2b6 | 400-01736 | NUT Gr.8-1" | | | 2 | 0.47 |

NOTES:

WELD NOTES:
1) ALL WELDS TO BE 1/4" FILLET U.N.O.
2)
3)

FINISH SPECIFICATIONS
SANDBLASTING: _____
PRIMER: _____
FINISH COAT: _____
GALVANIZING: _____

CUSTOMER
REFERENCE

Ja-Co
Welding & Consulting Ltd.
1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433
email: ja-co@telusplanet.net website: jacoweld.com

CUSTOMER
Ja-Co

PROJECT
BECKET HOLDER

TITLE
Becket Holder

W.O. #
15520

SCALE
N.T.S.

DRAWING NUMBER
eqt-1269-A-002

DRAWN
bmurphy

CHECKED

APPROVED

SHEET #
1 of 19

DATE

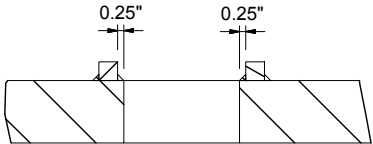
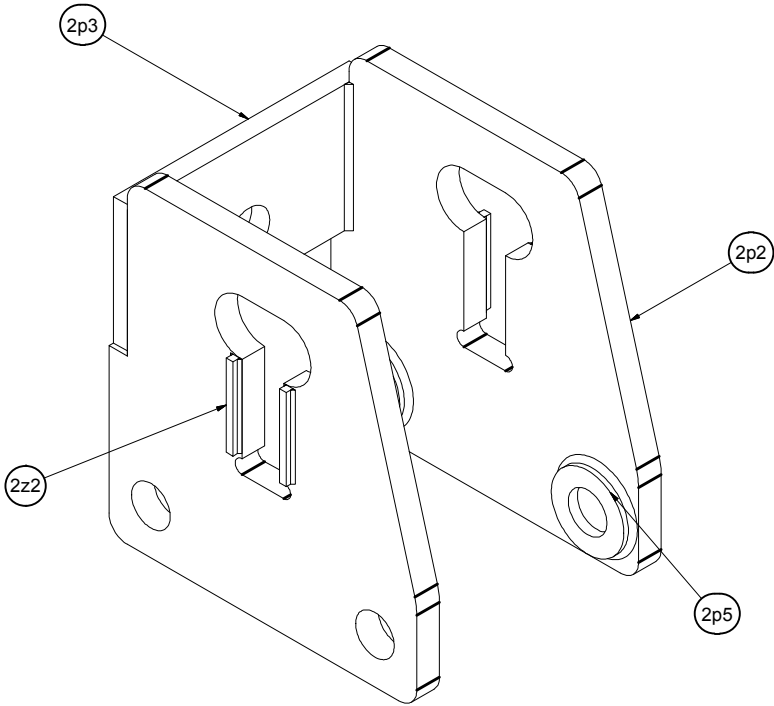
DATE

DATE

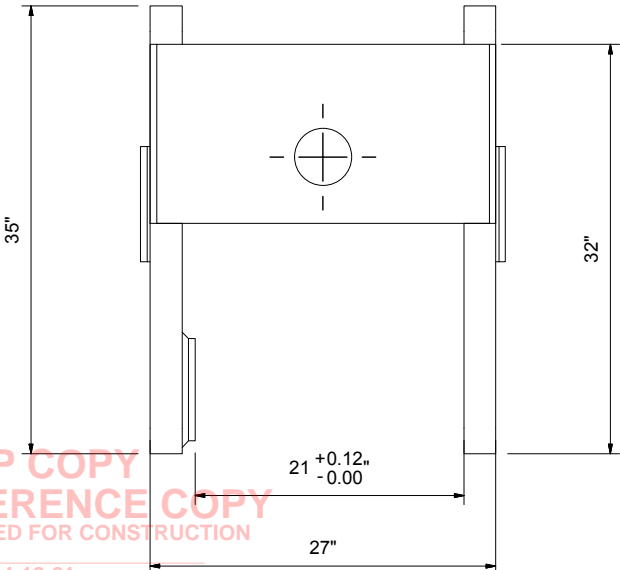
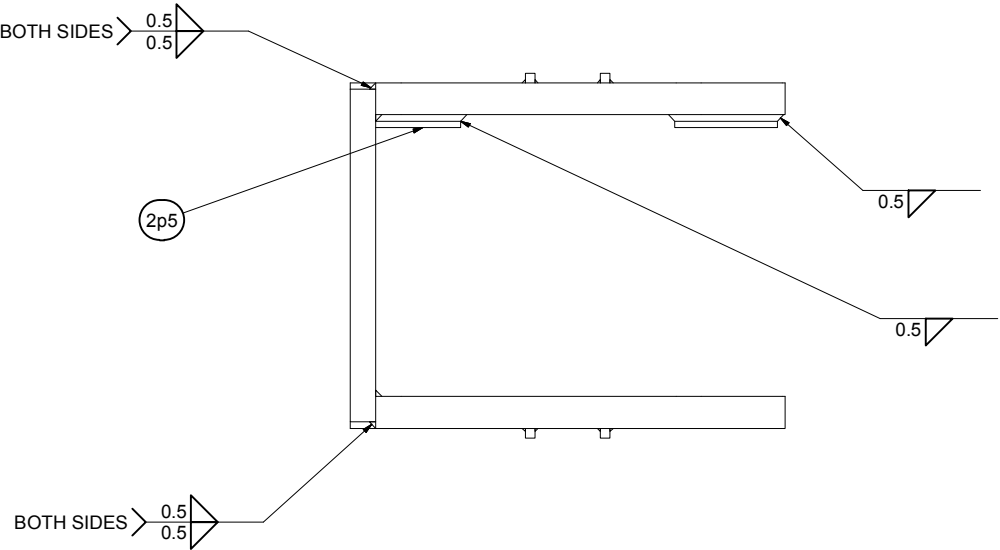


IF IN DOUBT.....ASK!

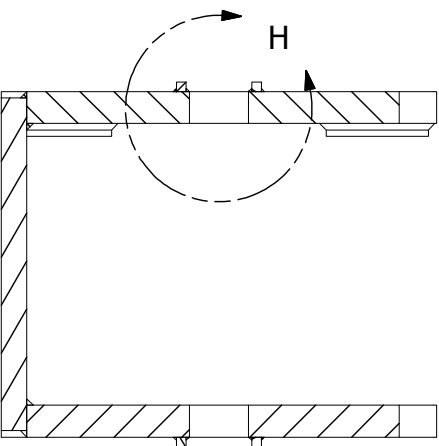
| BILL OF MATERIALS | | | | | | |
|-------------------|-----------|------------------|-------|--------|-----|-------------|
| MARK | STOCK # | DESCRIPTION | WIDTH | LENGTH | QTY | UNIT WEIGHT |
| 2p3 | 100-02316 | PL 50W - 2" | 1'-2" | 2'-2" | 1 | 197.69 |
| 2p5 | 100-02313 | PL 50W - 1" | 8" | 8" | 2 | 10.23 |
| 2z2 | 100-02318 | KEY STOCK - 3/4" | | 9" | 4 | 0.18 |
| 2p2 | 100-01543 | PL QT100 2 1/2" | 1" | 2'-11" | 2 | 659.00 |



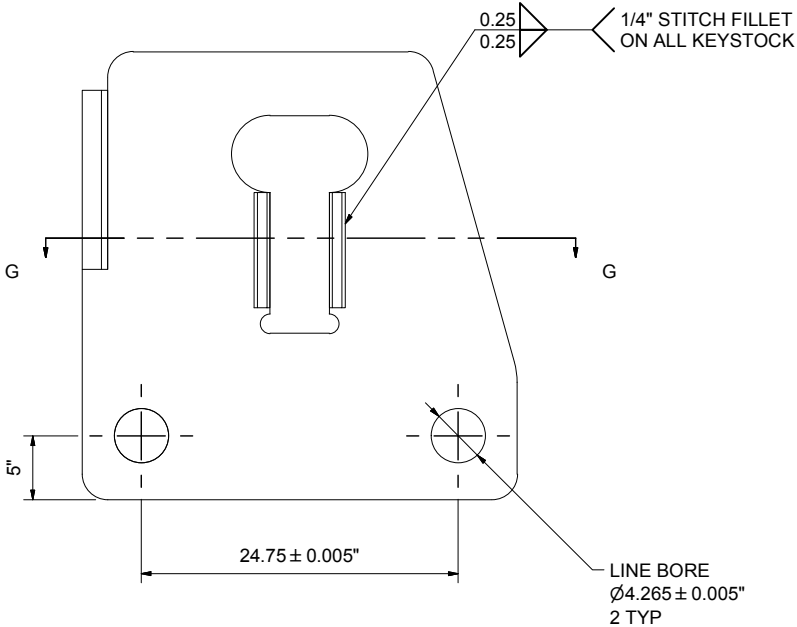
DETAIL H
SCALE 0.13 : 1



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BY
DATE 2014-12-21
(DESTROY PREVIOUS REVISION
WO# 16456



SECTION G-G
SCALE 1:15



DETAIL 1
TOP HOLDER

NOTES:

WELD NOTES:
1) ALL WELDS TO BE 1/4" FILLET U.N.O.
2)
3)

FINISH SPECIFICATIONS
SANDBLASTING: _____
PRIMER: _____
FINISH COAT: _____
GALVANIZING: _____

CUSTOMER
REFERENCE

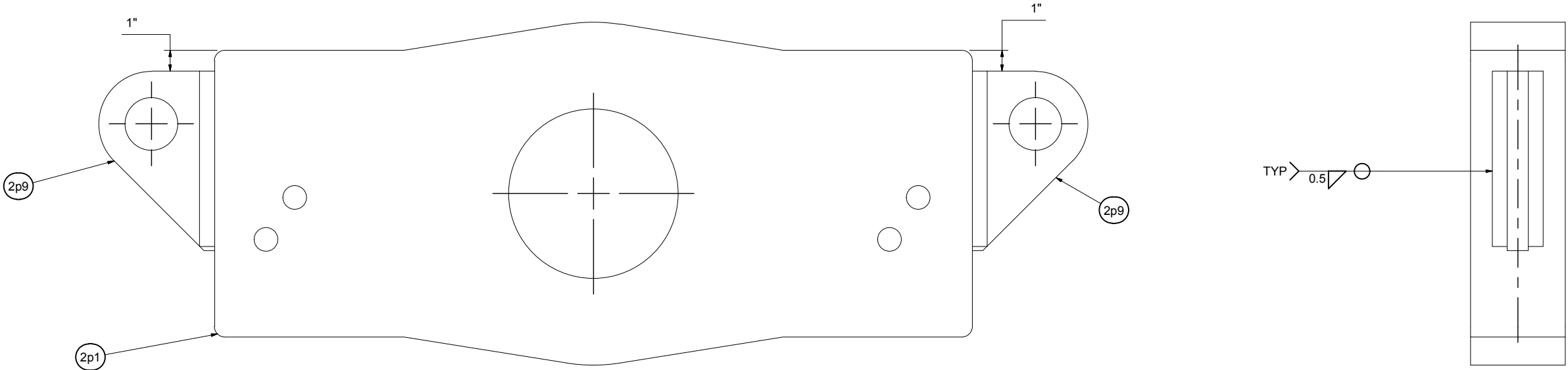
Ja-Co
Welding & Consulting Ltd.
1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433
email: ja-co@telusplanet.net website: jacoweld.com

| | | |
|--------------------------|--------------------|----------------------------------|
| CUSTOMER Ja-Co | DRAWN bmurphy | DATE |
| PROJECT BECKET HOLDER | CHECKED | DATE |
| TITLE Becket Holder | APPROVED | DATE |
| W.O. # 15520 | SCALE N.T.S. | DRAWING NUMBER eqt-1269-A-002 |
| | SHEET # 2 of 19 | |



IF IN DOUBT.....ASK!

| BILL OF MATERIALS | | | | | | |
|-------------------|-----------|-----------------|------------|--------|-----|-------------|
| MARK | STOCK # | DESCRIPTION | WIDTH | LENGTH | QTY | UNIT WEIGHT |
| 2p1 | 100-02861 | PL 50W - 4 1/2" | 1'-4 5/16" | 3'-0" | 1 | 590.04 |
| 2p9 | 100-02313 | PL 50W - 1" | 5 1/2" | 8 5/8" | 2 | 7.96 |



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BY _____
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(DESTROY PREVIOUS REVISION
WO# 16456

DETAIL 2
SLIDING PLATE

NOTES:

WELD NOTES:
1) ALL WELDS TO BE 1/4" FILLET U.N.O.
2)
3)

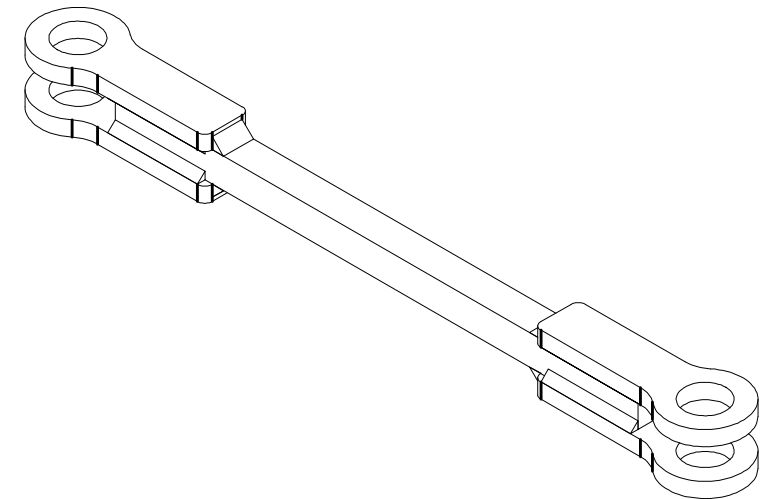
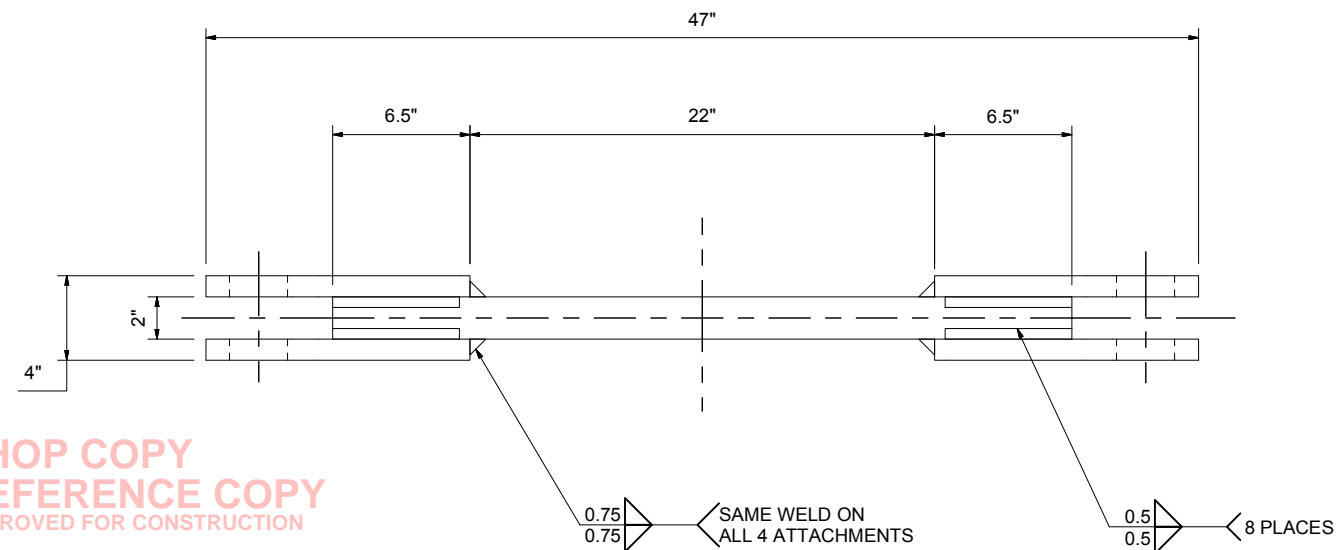
FINISH SPECIFICATIONS
SANDBLASTING: _____
PRIMER: _____
FINISH COAT: _____
GALVANIZING: _____

CUSTOMER
REFERENCE

Ja-Co
Welding & Consulting Ltd.
1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433
email: ja-co@telusplanet.net website: jacoweld.com

| | | |
|--------------------------|------------------|----------------------------------|
| CUSTOMER Ja-Co | DRAWN bmurphy | DATE |
| PROJECT BECKET HOLDER | CHECKED | DATE |
| TITLE Becket Holder | APPROVED | DATE |
| W.O. # 15520 | SCALE N.T.S. | DRAWING NUMBER eqt-1269-A-002 |
| SHEET # 3 of 19 | | |

NOTE: TWO OF THESE ASSEMBLIES ARE REQUIRED



DETAIL 3

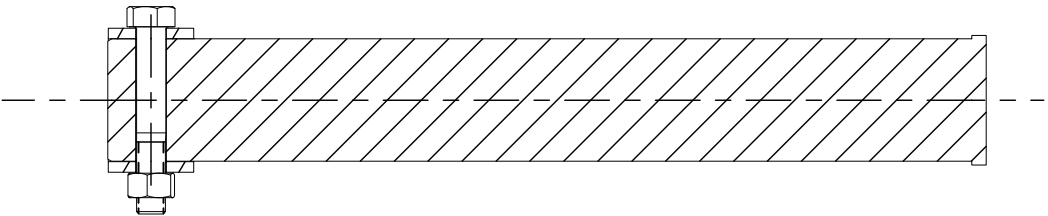
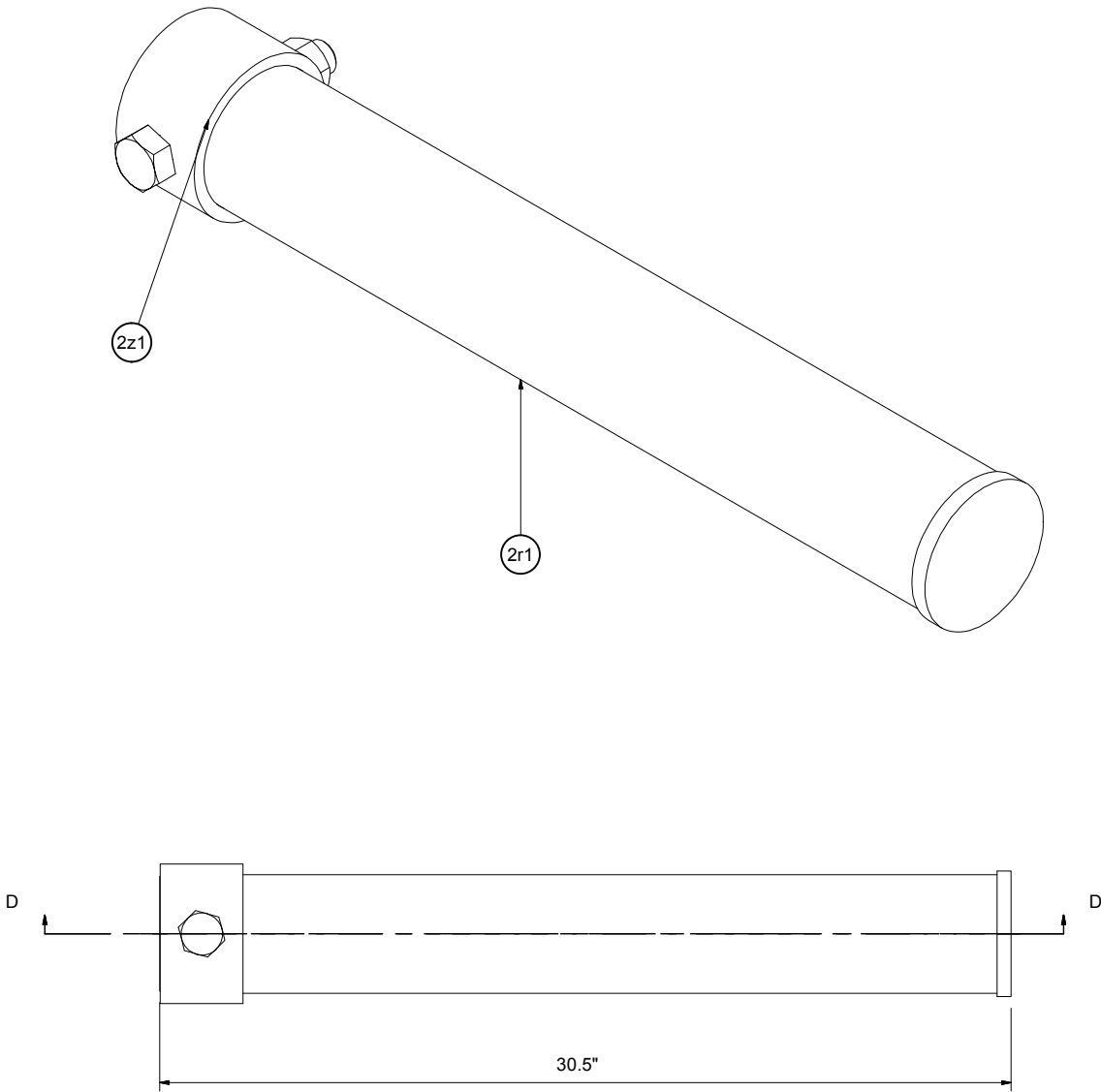
ROD ASSEMBLY

 $\triangle 0$

IF IN DOUBT.....ASK!

| BILL OF MATERIALS | | | | | | |
|-------------------|-----------|---|-------|-----------|-----|-------------|
| MARK | STOCK # | DESCRIPTION | WIDTH | LENGTH | QTY | UNIT WEIGHT |
| 2r1 | 100-02674 | 4140 1 1/2" (HTSR) | | 2'-6 1/2" | 1 | 122.03 |
| 2z1 | 100-02329 | MECHANICAL TUBE - 5"od x 4.124"id (C1026) | | 3" | 1 | 4.32 |
| 2b2 | 200-01314 | BOLT Gr.5-1" x 6 1/2" | | | 1 | 1.87 |
| 2b4 | 200-00967 | NUT Gr.5-1" | | | 1 | 0.33 |

NOTE: TWO ASSEMBLIES ARE REQUIRED



SECTION D-D
SCALE 0.15 : 1

SHOP COPY
REFERENCE COPY
APPROVED FOR CONSTRUCTION
BY _____
DATE 2014-12-21
(DESTROY PREVIOUS REVISION
WO# 16456

DETAIL 4
DOG BONE ARM

NOTES:

WELD NOTES:
1) ALL WELDS TO BE 1/4" FILLET U.N.O.
2)
3)

FINISH SPECIFICATIONS
SANDBLASTING: _____
PRIMER: _____
FINISH COAT: _____
GALVANIZING: _____

CUSTOMER
REFERENCE

Ja-Co
Welding & Consulting Ltd.
1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433
email: ja-co@telusplanet.net website: jacoweld.com

| | | |
|-------------------------------------|------------------|----------------------------------|
| CUSTOMER Ja-Co | DRAWN bmurphy | DATE |
| PROJECT BECKET HOLDER | CHECKED | DATE |
| TITLE DETAIL 4 DOG BONE ASSEMBLY | APPROVED | DATE |
| W.O. # 15520 | SCALE N.T.S. | DRAWING NUMBER eqt-1269-A-002 |
| | | SHEET # 5 of 19 |
| | | |