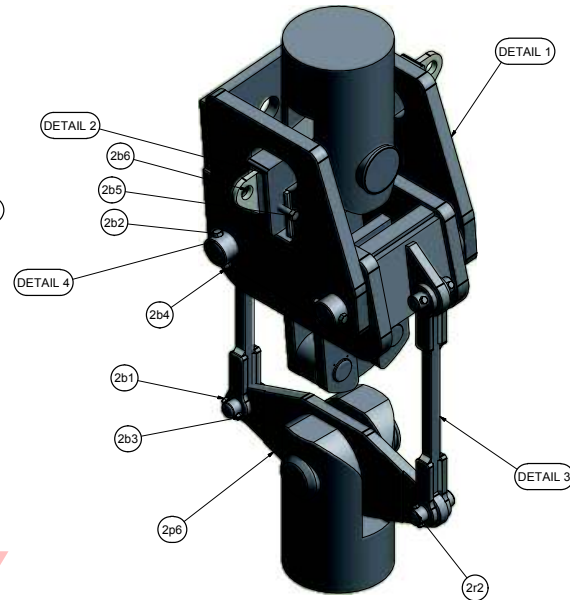
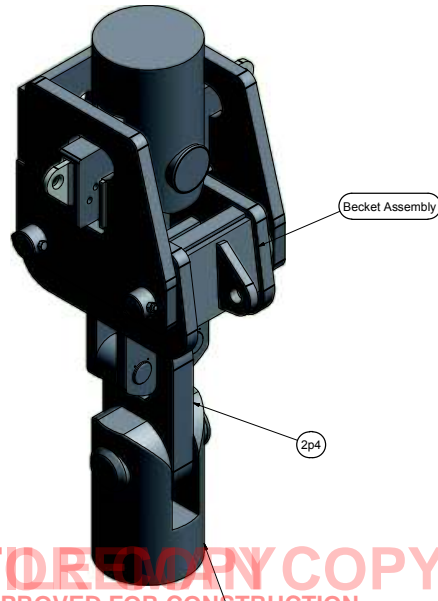


FILE COPY
This is file copy

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



FOR COPY
 APPROVED FOR CONSTRUCTION
 BY
 DATE 2014-12-21
GENERAL ASSEMBLY 1
 WO #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 QT 100 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"ld (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-CoPROJECT
BECKET HOLDERTITLE
Becket HolderW.O. #
15520SCALE
N.T.S.DRAWING NUMBER
eqt-1269-A-002SHEET #
1 of 19DRAWN
bmurphy

CHECKED

APPROVED

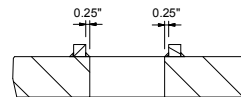
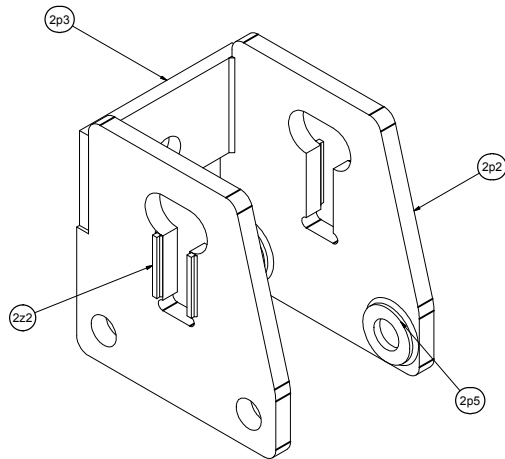
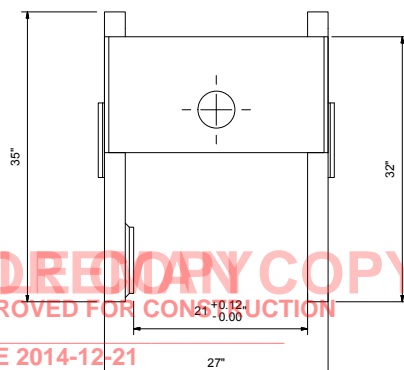
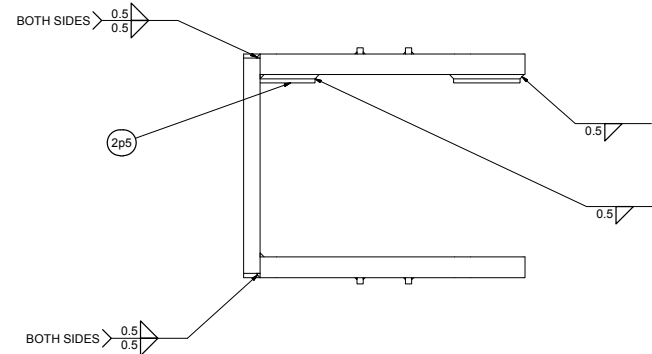
DATE

DATE

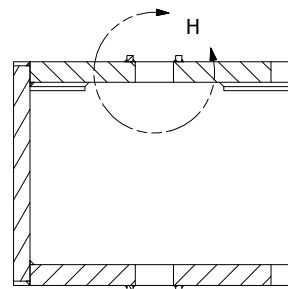
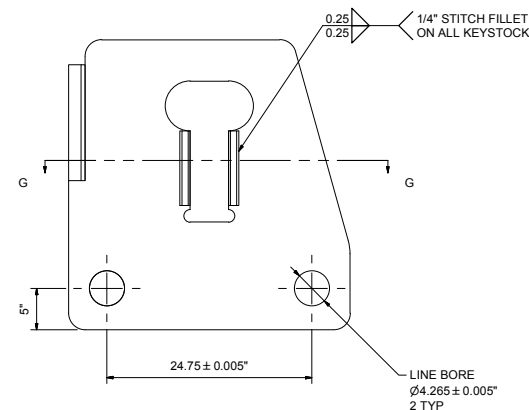
DATE

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

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

SECTION G-G
SCALE 1:15DETAIL 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
REFERENCECUSTOMER
Ja-CoDRAWN
bmurphy

DATE

PROJECT
BECKET HOLDER

CHECKED

DATE

TITLE
Becket Holder

APPROVED

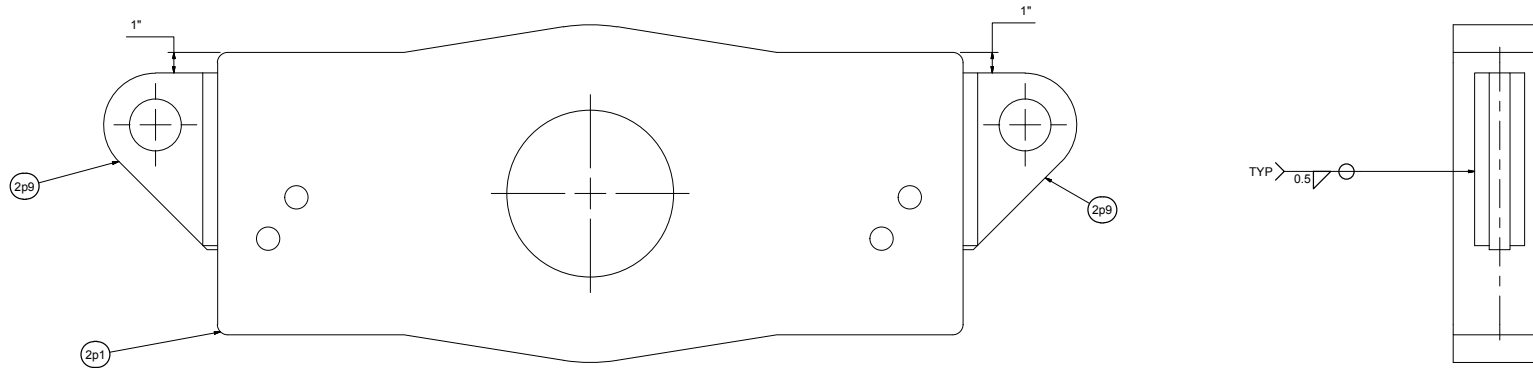
DATE

W.O. #
15520SCALE
N.T.S.DRAWING NUMBER
eqt-1269-A-002SHEET #
2 of 19

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

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



FOR CONSTRUCTION COPY
APPROVED FOR CONSTRUCTION
BY _____
DATE 2014-12-21
(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-CoPROJECT
BECKET HOLDERTITLE
Becket HolderW.O. #
15520SCALE
N.T.S.DRAWING NUMBER
eqt-1269-A-002SHEET #
3 of 19DRAWN
bmurphy

CHECKED

APPROVED

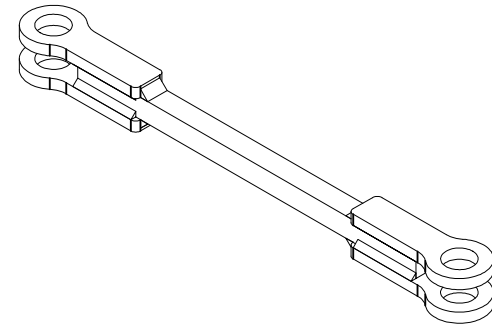
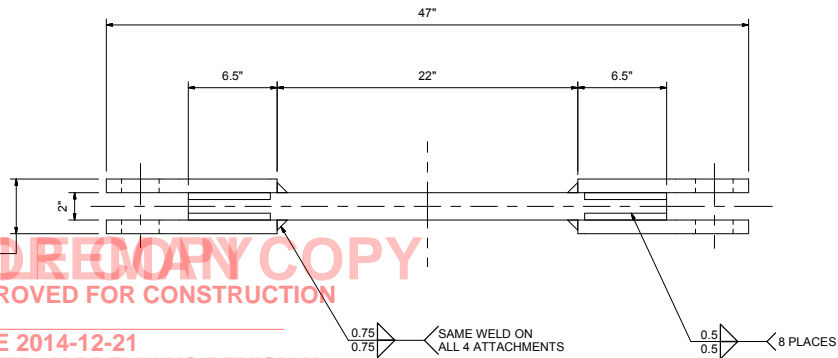
DATE

DATE

DATE

0

NOTE: TWO OF THESE ASSEMBLIES ARE REQUIRED



4" FOREIGN COPY
APPROVED FOR CONSTRUCTION
BY _____
DATE 2014-12-21
(DESTROY PREVIOUS REVISION
WO #16456

DETAIL 3

ROD ASSEMBLY

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

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 #
4 of 19

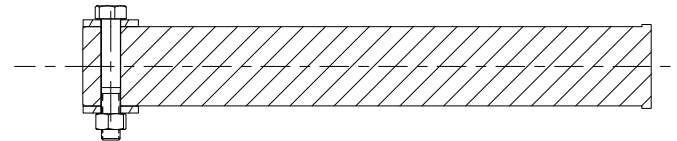
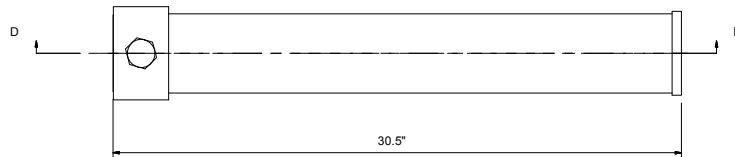
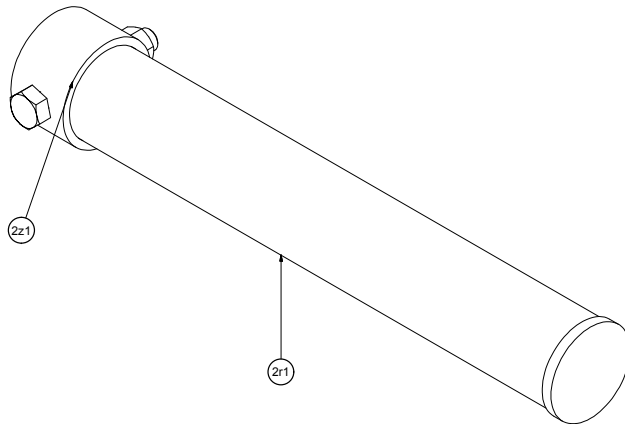


Ja-Co
Welding & Consulting Ltd.
1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433
email: ja-co@telusplanet.net website: jacoweld.com

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

FOR CONSTRUCTION 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-CoPROJECT
BECKET HOLDERTITLE
BECKET HOLDER DOG BONE ASSEMBLYW.O. #
15520SCALE
N.T.S.DRAWING NUMBER
eqt-1269-A-002SHEET #
5 of 19DRAWN
bmurphy

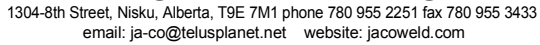
CHECKED

APPROVED

DATE

DATE

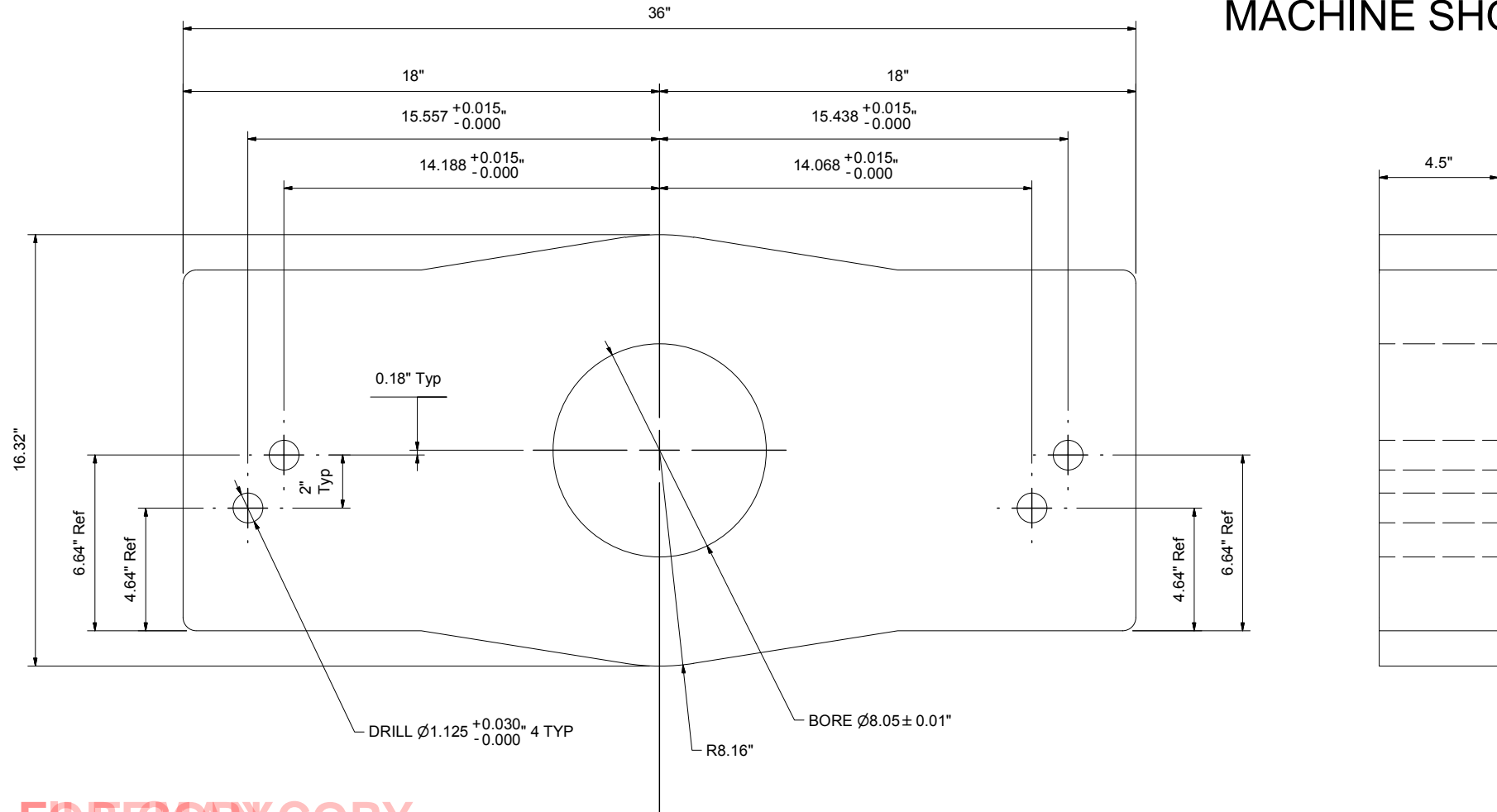
DATE



0

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



FOR REVIEW COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

DESTROY PREVIOUS REVISION

WO #16456

TOLERANCES AS PER QMF-03

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 / 7 of 19

0

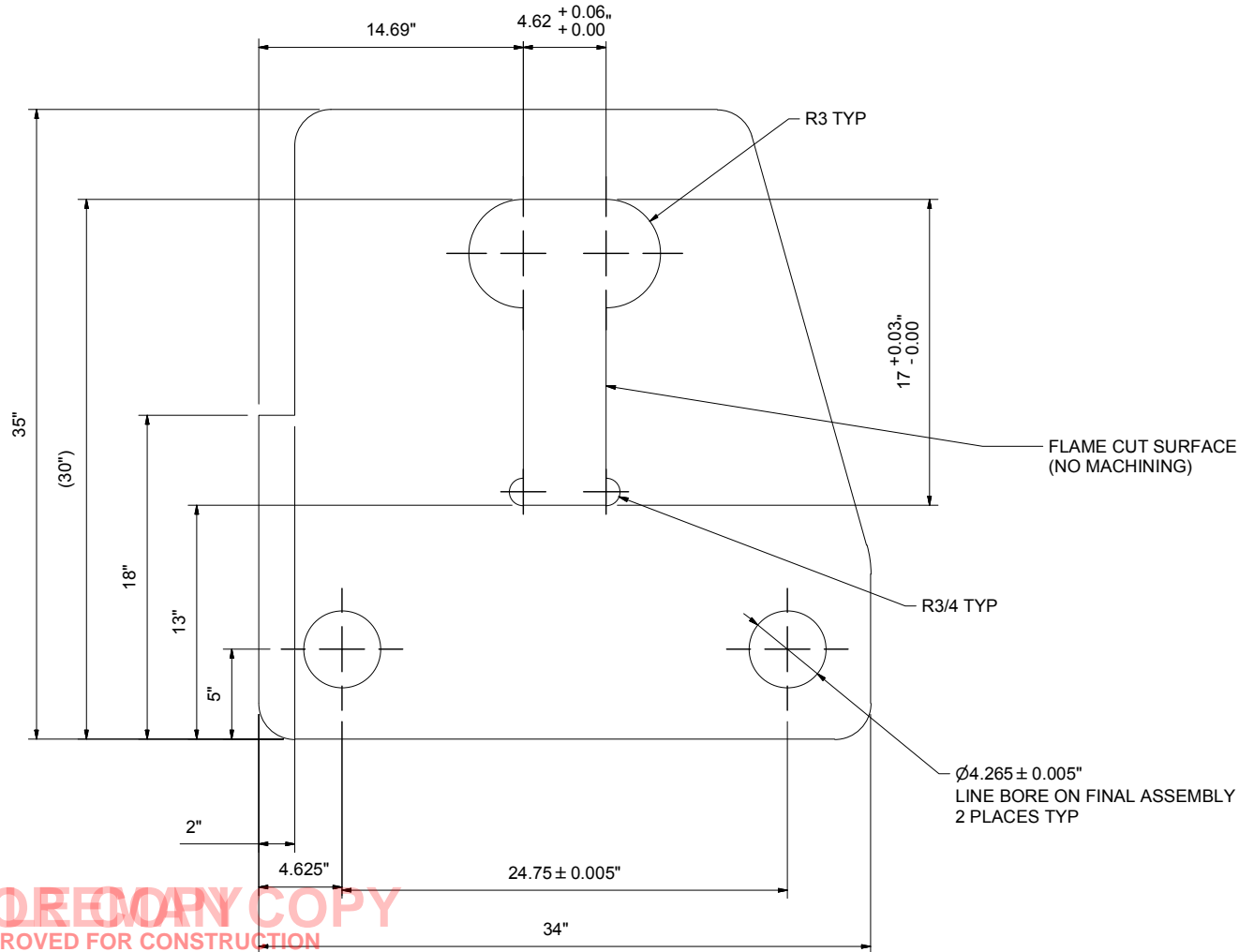
IF IN DOUBT.....ASK!

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

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



FOR REVIEW COPY
APPROVED FOR CONSTRUCTION
BY

DATE 2014 12 21

DESTROY PREVIOUS REVISION
WO #16456

TOLERANCES AS PER QMF-03

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

0

Ja-Co
Welding & Consulting Ltd.

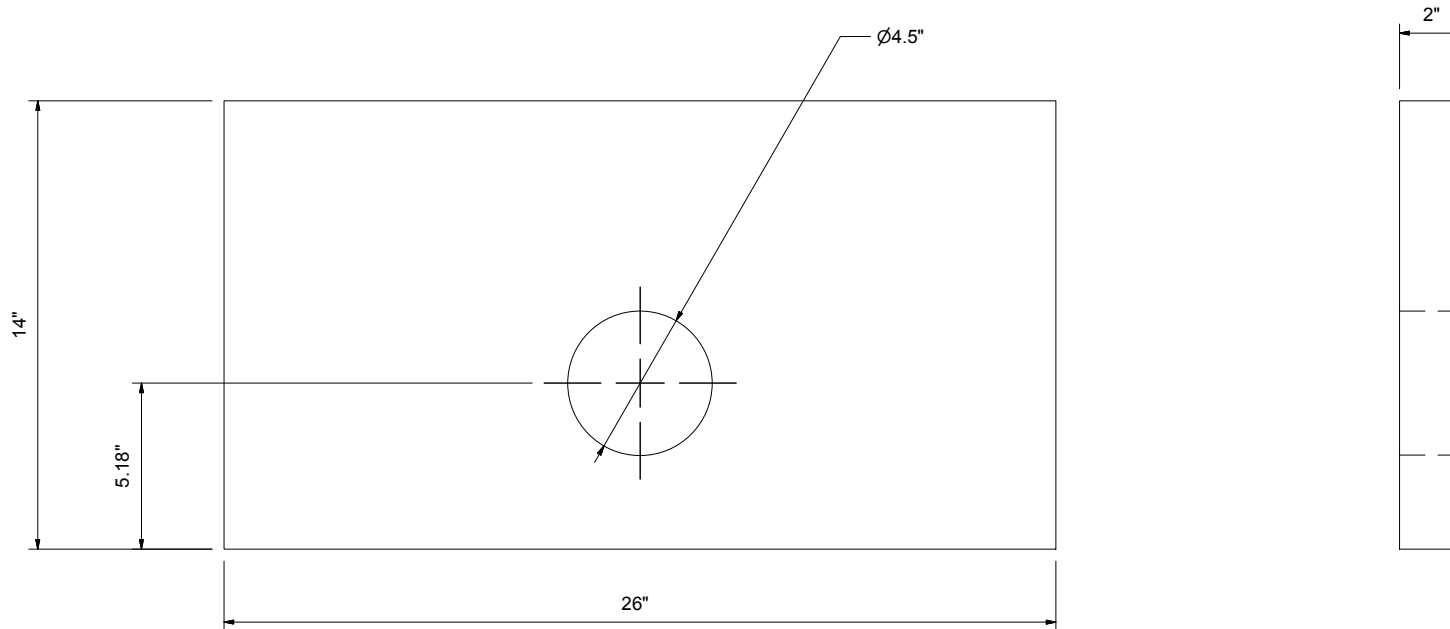
1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433
email: ja-co@telusplanet.net website: jacoweld.com

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



FOR REVIEW COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

DESIGNED BY PREVIOUS REVISION

WO #16456

TOLERANCES AS PER QMF-03

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 #
9 of 19

0

IF IN DOUBT.....ASK!

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

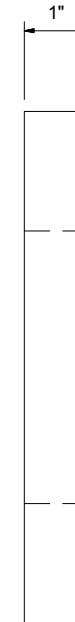
BILL OF MATERIALS						
MARK	STOCK #	DESCRIPTION	WIDTH	LENGTH	QTY	UNIT WEIGHT
2p5	100-02313	PL 50W - 1"	8"	8"	2	10.23

DXF FILE #15520105

MACHINE SHOP

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

Ø8±0.01"



FOR REVIEW COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

DATE OF PREVIOUS REVISION

WO #16456

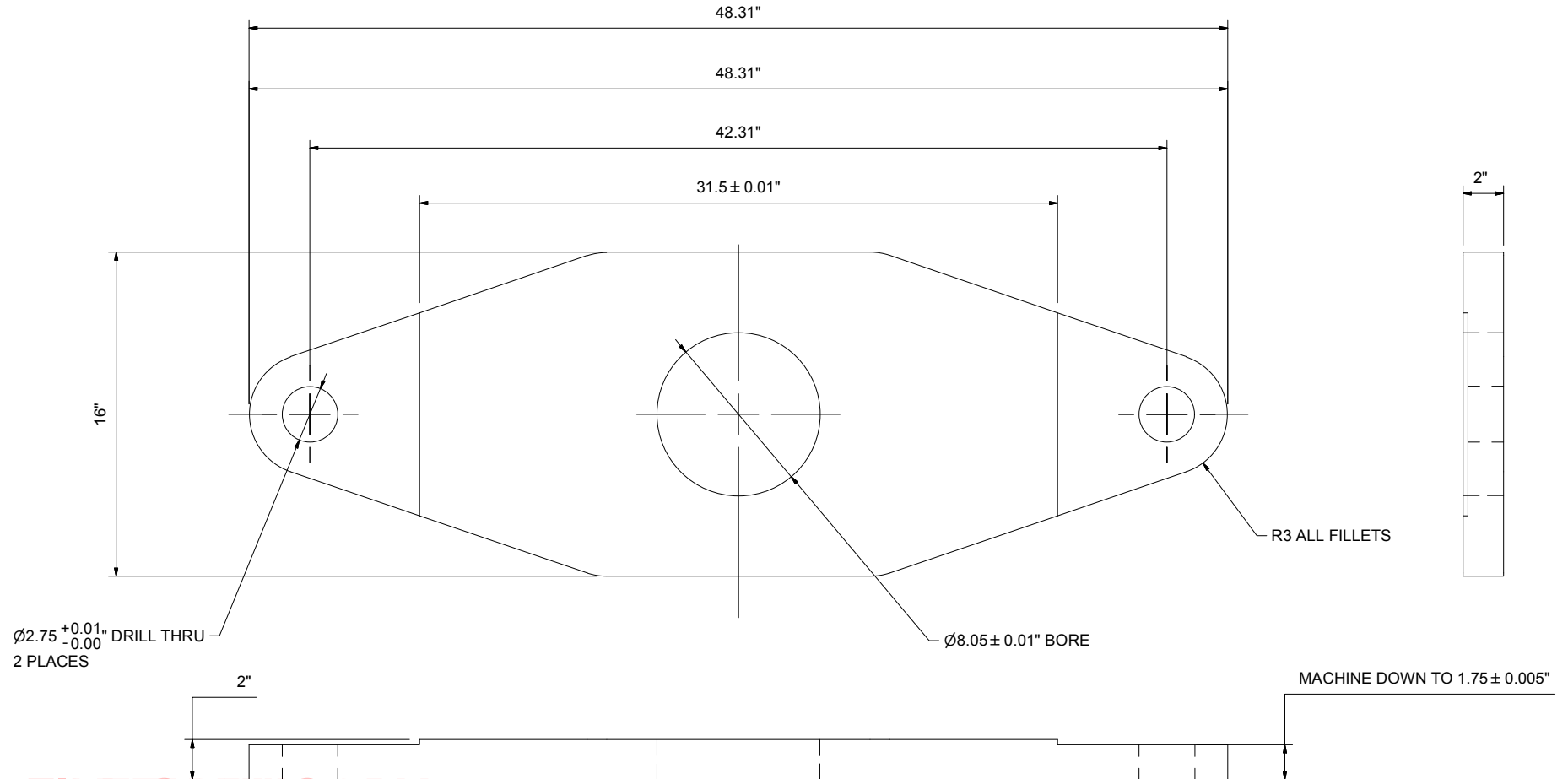
TOLERANCES AS PER QMF-03

CUSTOMER REFERENCE	 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			
PROJECT BECKET HOLDER			
TITLE Becket Holder			
W.O. # 15520	SCALE N.T.S.	DRAWING # / SHEET # eqt-1269-A-002 11 of 19	

IF IN DOUBT.....ASK!

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



FOR CONSTRUCTION COPY
APPROVED FOR CONSTRUCTION
BY _____
DATE 2014 12 21
QUESTIONS REVISION
WO #16456

TOLERANCES AS PER QMF-03

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 #
12 of 19



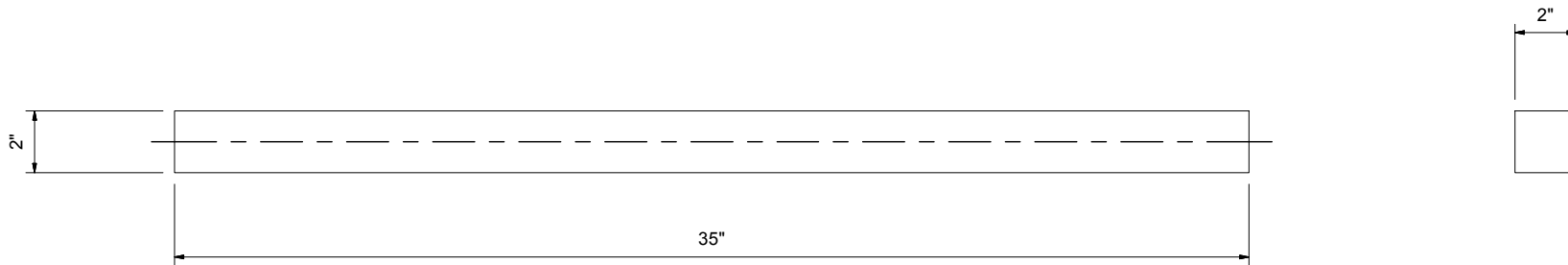
IF IN DOUBT.....ASK!

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

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



FOR REVIEW COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

DESTROY PREVIOUS REVISION

WO #16456

TOLERANCES AS PER QMP-03

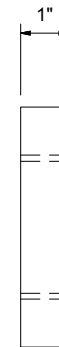
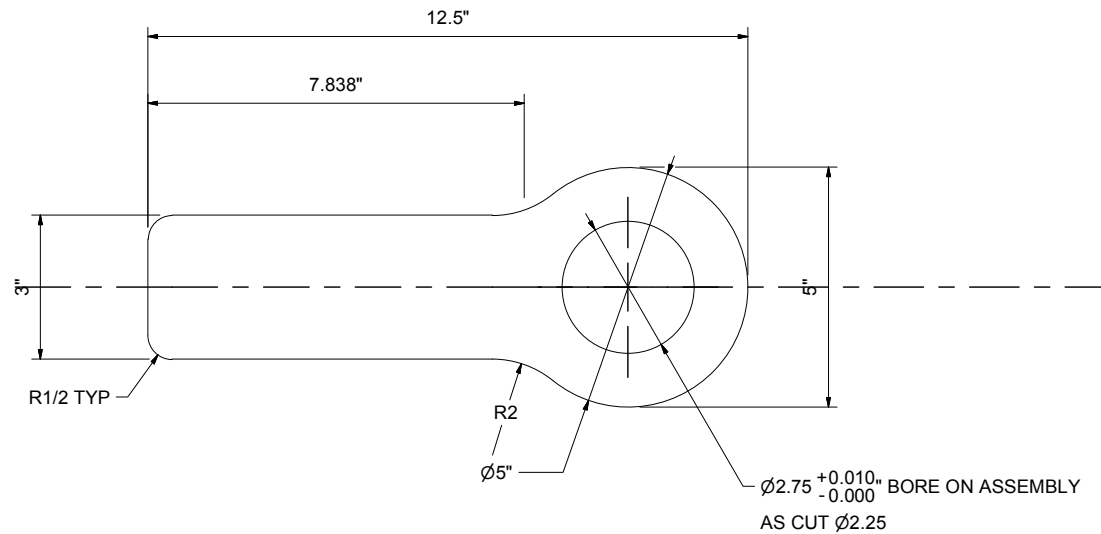
IF IN DOUBT.....ASK!

CUSTOMER REFERENCE	CUSTOMER Ja-Co	DRAWN bmurphy	DATE
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>	PROJECT BECKET HOLDER	CHECKED	DATE
	TITLE Becket Holder	APPROVED	DATE
	W.O. # 15520	SCALE N.T.S.	DRAWING # / SHEET # eqt-1269-A-002 / 13 of 19

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



FOR CONSTRUCTION COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

DESTROY PREVIOUS REVISION
WO #16456

TOLERANCES AS PER QMF-03

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 #
14 of 19



IF IN DOUBT.....ASK!

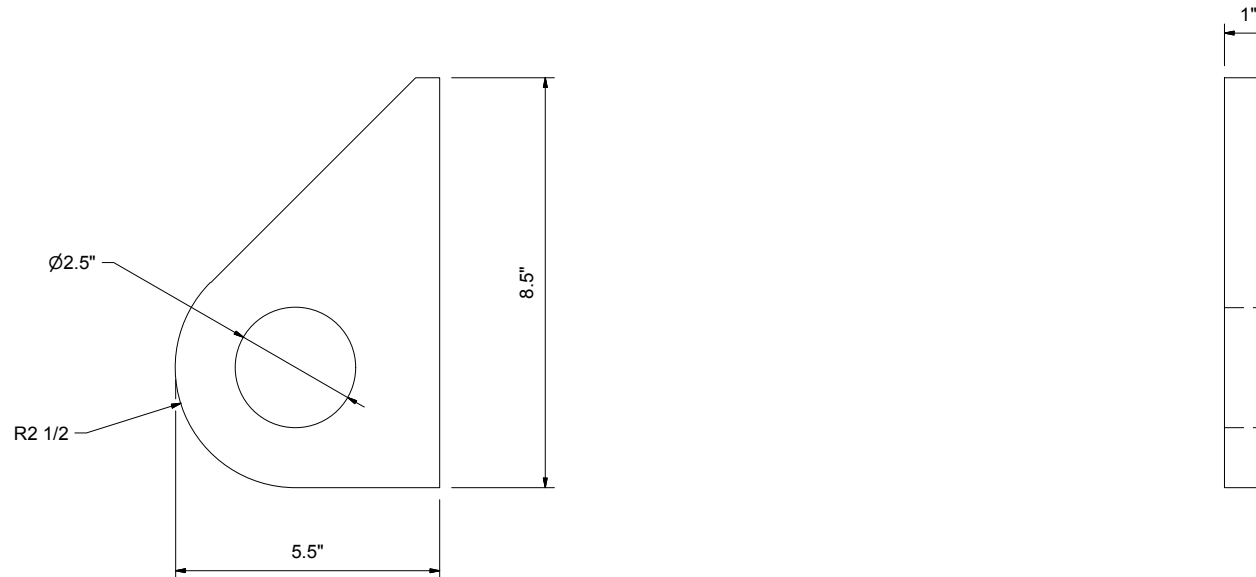
Ja-Co
Welding & Consulting Ltd.

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

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



FOR EYE ONLY COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

DESTROY PREVIOUS REVISION

WO #16456

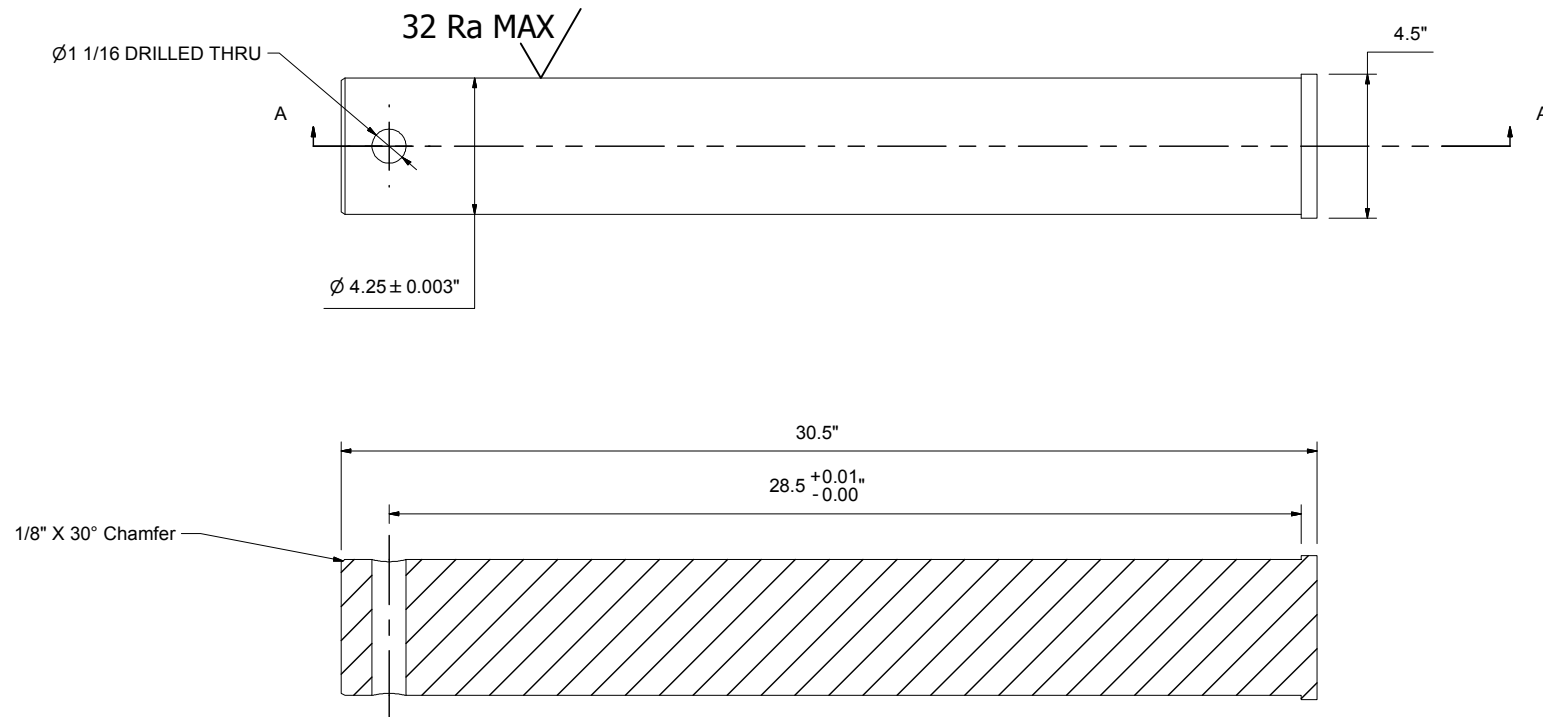
TOLERANCES AS PER QMF-03

CUSTOMER REFERENCE	 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			
PROJECT BECKET HOLDER			
TITLE Becket Holder			
W.O. # 15520	SCALE N.T.S.	DRAWING # / SHEET # eqt-1269-A-002 15 of 19	

IF IN DOUBT.....ASK!

BILL OF MATERIALS						
MARK	STOCK #	DESCRIPTION	WIDTH	LENGTH	QTY	UNIT WEIGHT
2r1	100-02674	4140 4 1/2" (HTSR)		2'-6 1/2"	2	122.03

MACHINE SHOP



SECTION A-A
SCALE 1:6

FOR EYE ONLY COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

DESTROY PREVIOUS REVISION

WO #16456

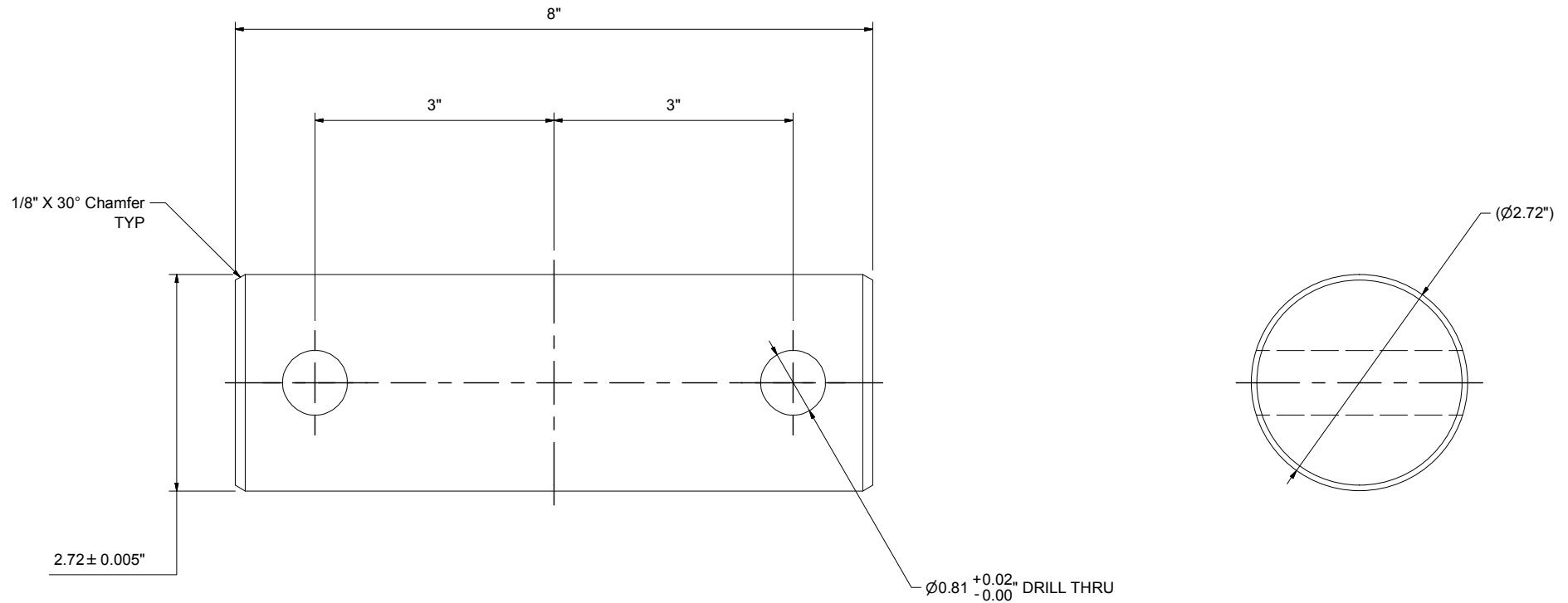
TOLERANCES AS PER QMF-03

CUSTOMER REFERENCE	 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			
PROJECT BECKET HOLDER			
TITLE Becket Holder			
W.O. # 15520	SCALE N.T.S.	DRAWING # / SHEET # eqt-1269-A-002 / 16 of 19	

IF IN DOUBT.....ASK!

BILL OF MATERIALS						
MARK	STOCK #	DESCRIPTION	WIDTH	LENGTH	QTY	UNIT WEIGHT
2r2	100-02663	4140 2 3/4" (HTSR)		8 3/16"	4	12.39

MACHINE SHOP



FOR REVIEW COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

(DESTROY PREVIOUS REVISION

WO #16456

TOLERANCES AS PER QMF-03

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 17 of 19

0

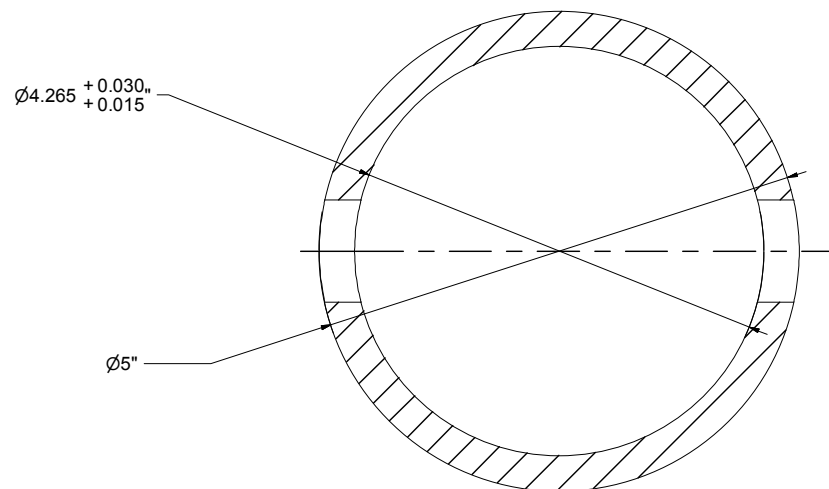
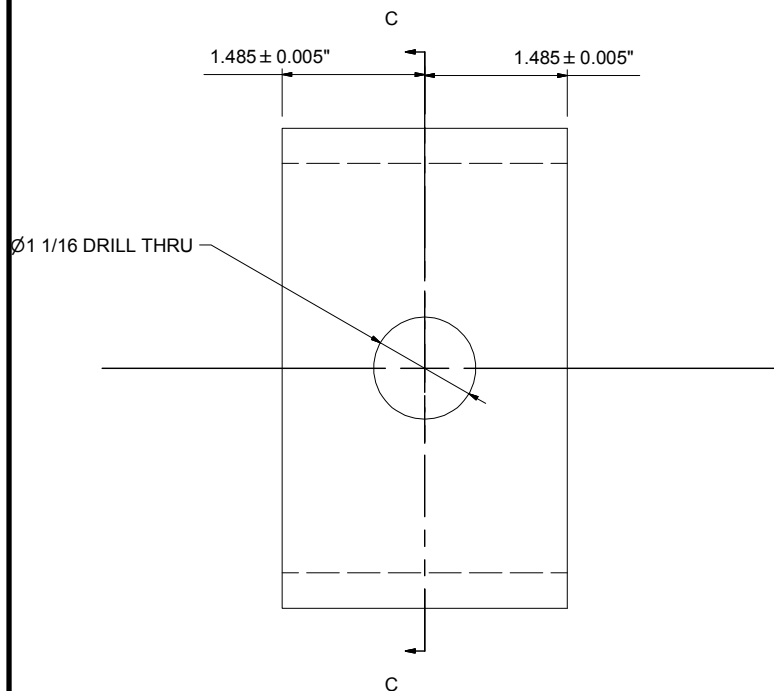
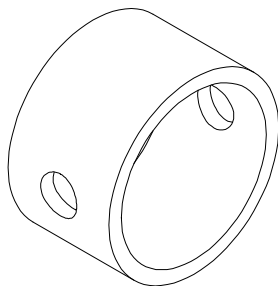
IF IN DOUBT.....ASK!

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

BILL OF MATERIALS						
MARK	STOCK #	DESCRIPTION	WIDTH	LENGTH	QTY	UNIT WEIGHT
2z1	100-02329	MECHANICAL TUBE - 5"od x 4.124"id (C1026)		3"	2	4.32

MACHINE SHOP



SECTION C-C
SCALE 1 / 2

FOR CONSTRUCTION COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

(DESTROY PREVIOUS REVISION

WO #16436

TOLERANCES AS PER QMF-03

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 #
18 of 19

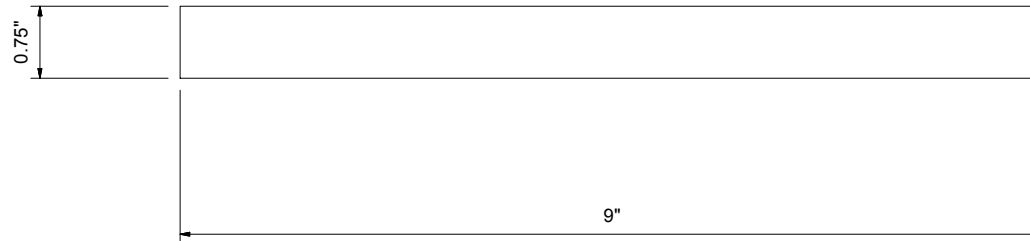
0

IF IN DOUBT.....ASK!

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

BILL OF MATERIALS						
MARK	STOCK #	DESCRIPTION	WIDTH	LENGTH	QTY	UNIT WEIGHT
2z2	100-02318	KEY STOCK - 3/4"		9"	4	0.18



FOR REVIEW COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

TOLERANCES AS PER QMF-03

WO #16456

IF IN DOUBT.....ASK!

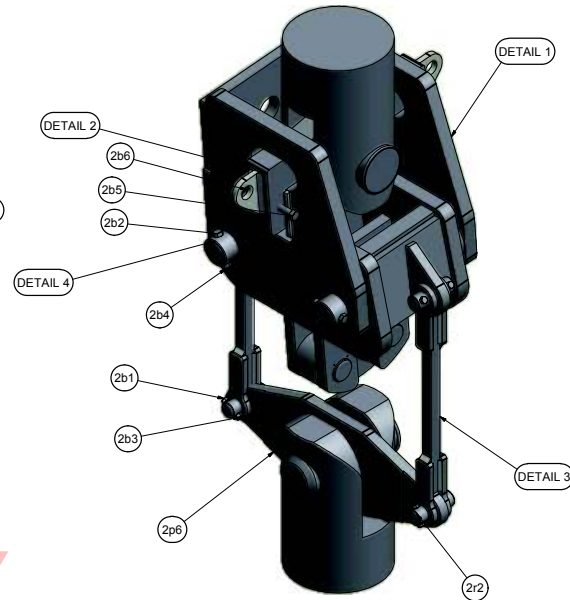
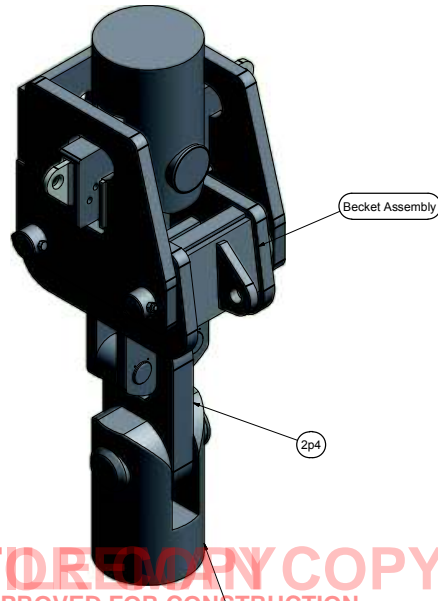
CUSTOMER REFERENCE	CUSTOMER Ja-Co	DRAWN bmurphy	DATE
 Ja-Co Welding & Consulting Ltd. <small>1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433 email: ja-co@telusplanet.net website: jacoweld.com</small>	PROJECT BECKET HOLDER	CHECKED	DATE
	TITLE Becket Holder	APPROVED	DATE
	W.O.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

FOREMAN COPY

This is the 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



FOR COPY
 APPROVED FOR CONSTRUCTION
 BY
 DATE 2014-12-21
GENERAL ASSEMBLY 1
 WO #1 BECKET
 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 QT 100 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"ld (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
REFERENCECUSTOMER
Ja-CoDRAWN
bmurphy

DATE

PROJECT
BECKET HOLDER

CHECKED

DATE

TITLE
Becket Holder

APPROVED

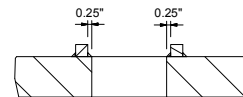
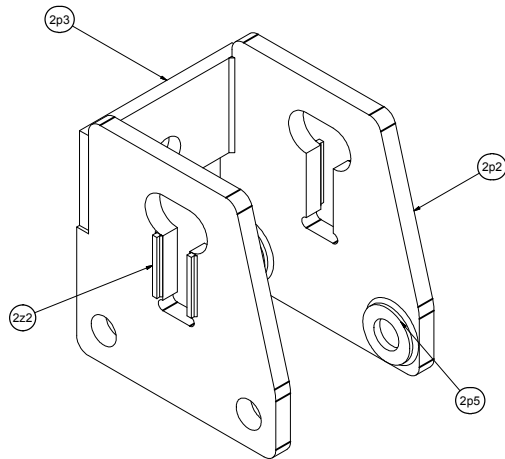
DATE

W.O. #
15520SCALE
N.T.S.DRAWING NUMBER
eqt-1269-A-002SHEET #
1 of 19

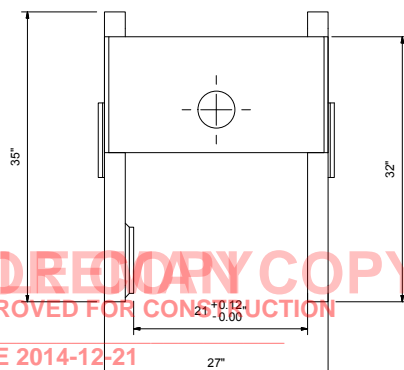
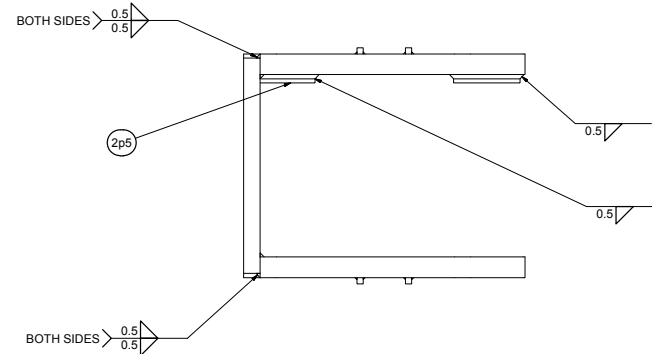
Ja-Co
Welding & Consulting Ltd.
 1304-8th Street, Nisku, Alberta, T9E 7M1 phone 780 955 2251 fax 780 955 3433
 email: ja-co@telusplanet.net website: jacoweld.com

IF IN DOUBT.....ASK!

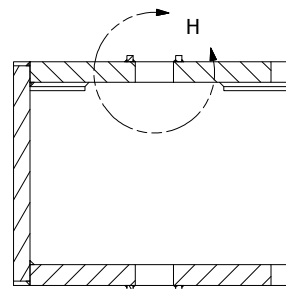
BILL OF MATERIALS						
MARK	STOCK #	DESCRIPTION	WIDTH	LENGTH	QTY	UNIT WEIGHT
2p3	100-02316	PL 50W - 2"	1'-2"	2'-2"	1	197.69
2p5	100-02313	PL 50W - 1"	8"	8"	2	10.23
2z2	100-02318	KEY STOCK - 3/4"		9"	4	0.18
2p2	100-01543	PL QT100 2 1/2"	1"	2'-11"	2	659.00



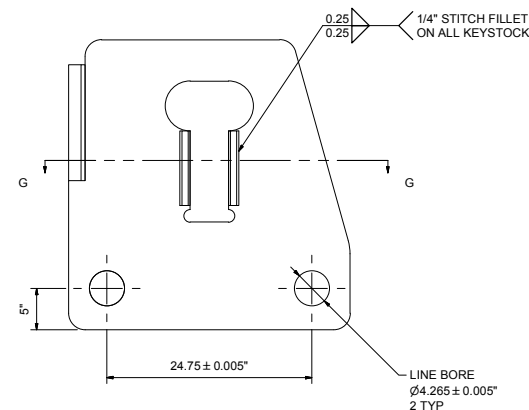
DETAIL H
SCALE 0.13 : 1



FOR COPY
APPROVED FOR CONSTRUCTION
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
REFERENCECUSTOMER
Ja-CoDRAWN
bmurphy

DATE

PROJECT
BECKET HOLDER

CHECKED

DATE

TITLE
Becket Holder

APPROVED

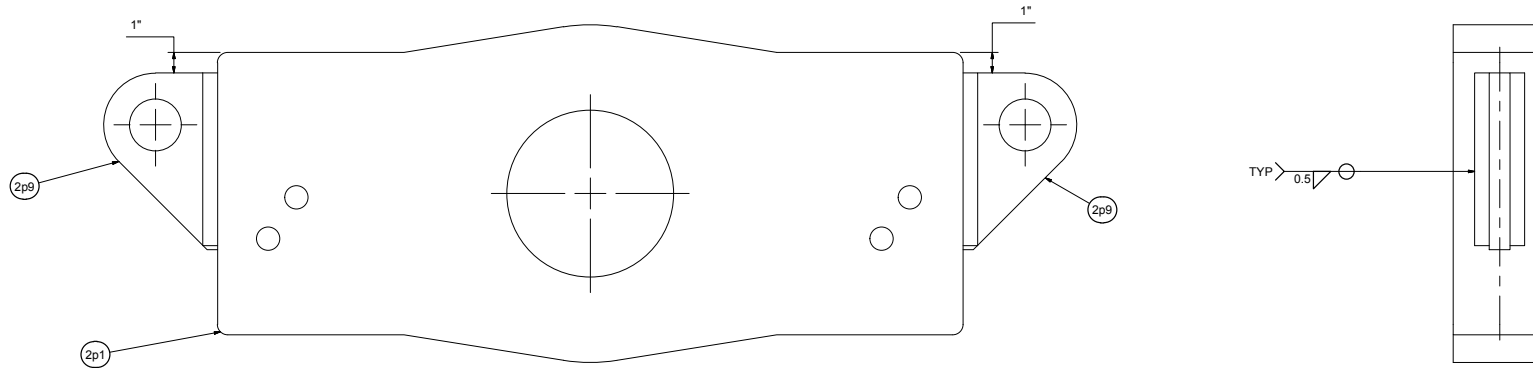
DATE

W.O. #
15520SCALE
N.T.S.DRAWING NUMBER
eqt-1269-A-002SHEET #
2 of 19

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

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



FOR CONSTRUCTION COPY
APPROVED FOR CONSTRUCTION
BY _____
DATE 2014-12-21
(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-CoPROJECT
BECKET HOLDERTITLE
Becket HolderW.O. #
15520SCALE
N.T.S.DRAWING NUMBER
eqt-1269-A-002SHEET #
3 of 19DRAWN
bmurphy

CHECKED

APPROVED

DATE

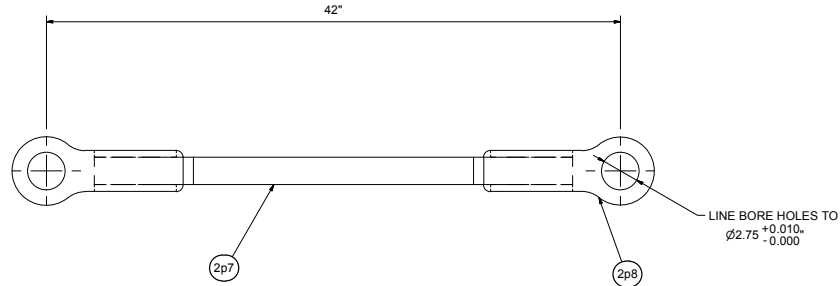
DATE

DATE

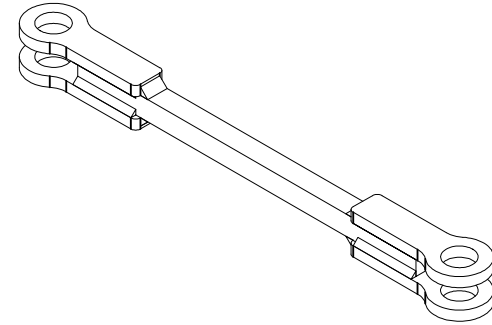
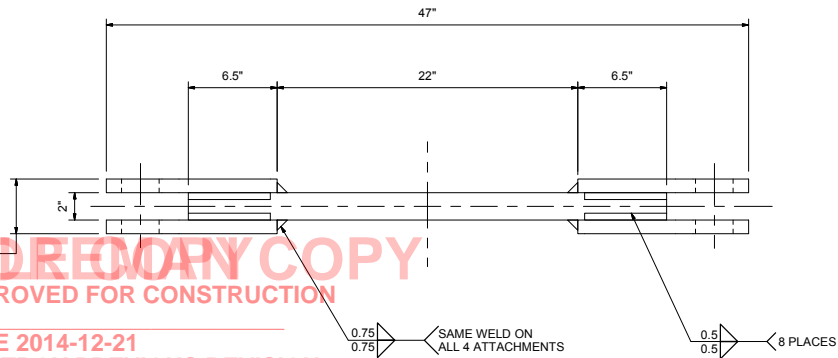
0

IF IN DOUBT.....ASK!

BILL OF MATERIALS						
MARK	STOCK #	DESCRIPTION	WIDTH	LENGTH	QTY	UNIT WEIGHT
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



NOTE: TWO OF THESE ASSEMBLIES ARE REQUIRED



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

DETAIL 3

ROD ASSEMBLY

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-CoPROJECT
BECKET HOLDERTITLE
Becket HolderW.O. #
15520SCALE
N.T.S.DRAWING NUMBER
eqt-1269-A-002SHEET #
4 of 19DRAWN
bmurphy

CHECKED

APPROVED

DATE

DATE

DATE

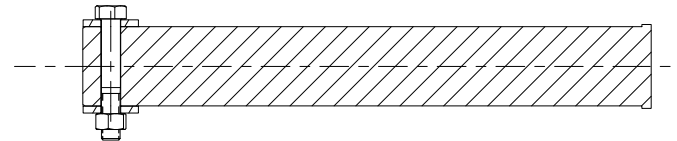
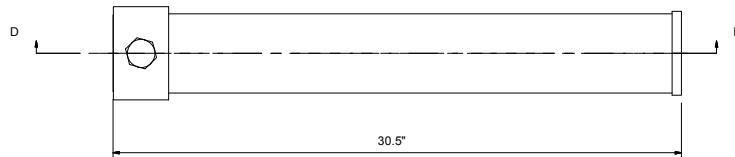
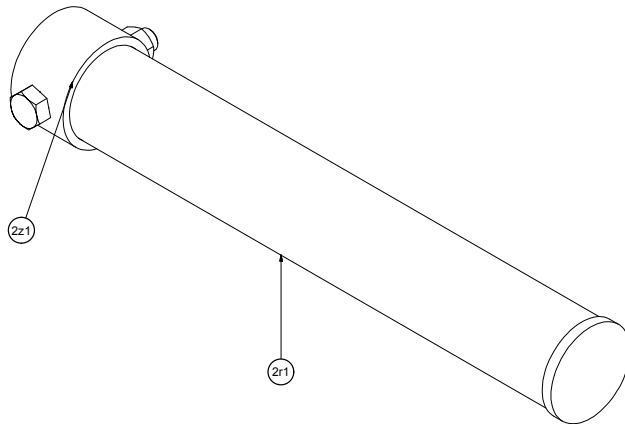
DATE

DATE

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

FOR CONSTRUCTION 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-CoPROJECT
BECKET HOLDERTITLE
BECKET HOLDER DOG BONE ASSEMBLYW.O. #
15520SCALE
N.T.S.DRAWING NUMBER
eqt-1269-A-002SHEET #
5 of 19DRAWN
bmurphy

CHECKED

APPROVED

DATE

DATE

DATE




DXF FILE #15520101
MACHINE SHOP



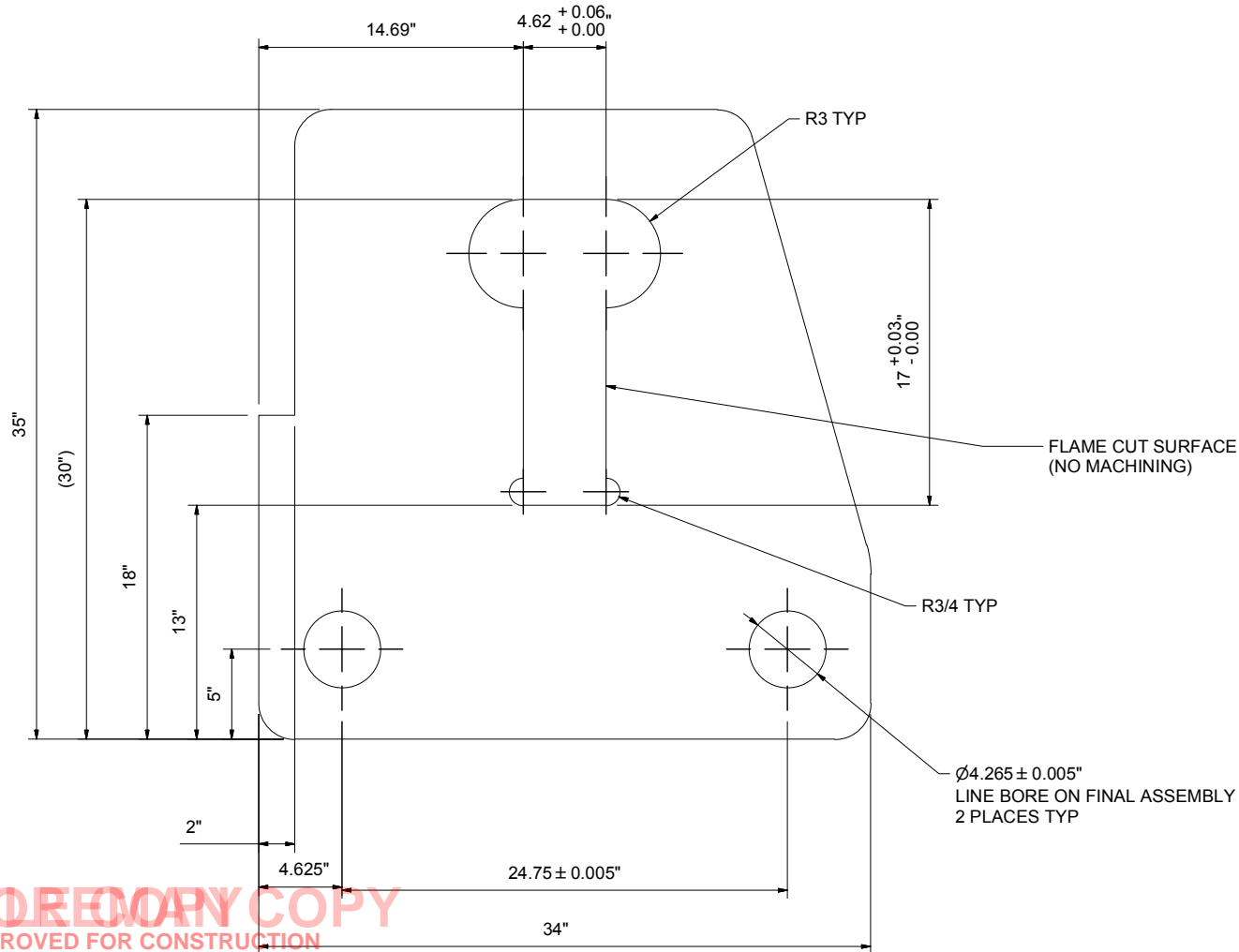
REFERENCES AS PER QMF-03

IF IN DOUBT.....ASK!

CUSTOMER REFERENCE	CUSTOMER Ja-Co	DRAWN bmurphy	DATE
 <p>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</p>	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

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



FOR CONSTRUCTION
APPROVED FOR CONSTRUCTION
BY

DATE 2014 12 21

DESTROY PREVIOUS REVISION
WO #16456

TOLERANCES AS PER QMF-03

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



IF IN DOUBT.....ASK!

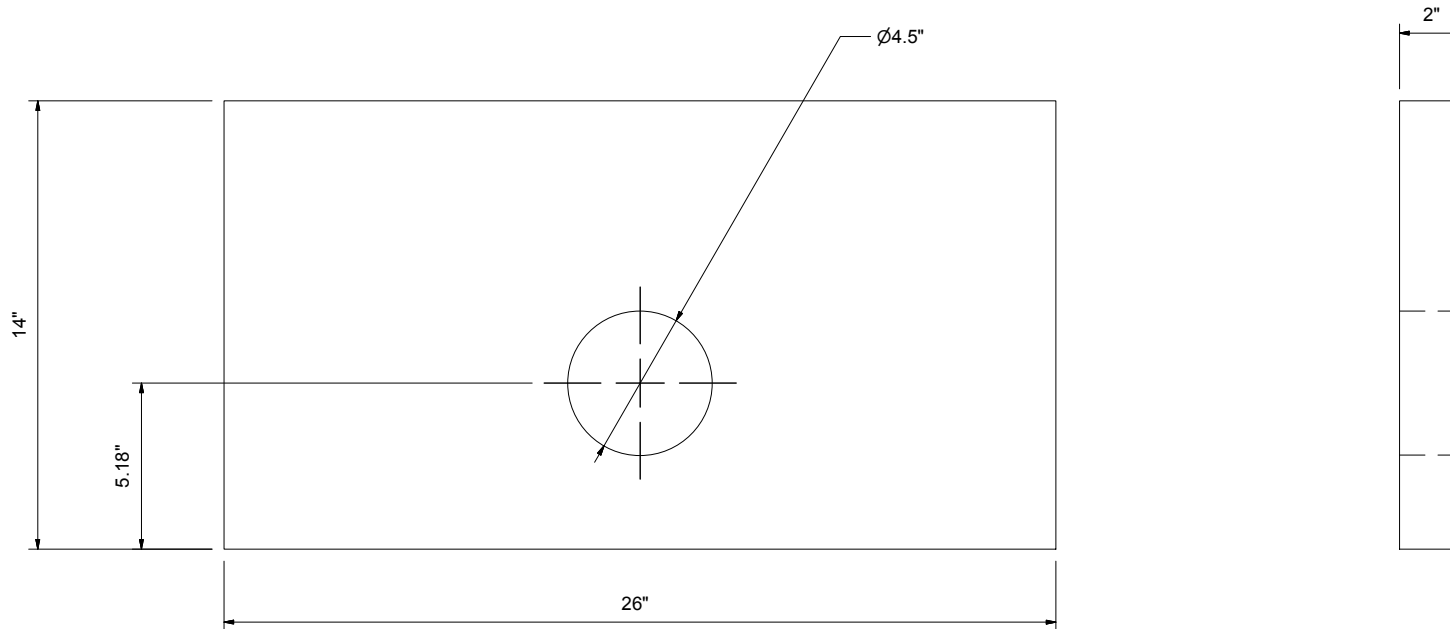
Ja-Co
Welding & Consulting Ltd.

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

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



FOR REVIEW COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

DESIGNED BY PREVIOUS REVISION

WO #16456

TOLERANCES AS PER QMF-03

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 9 of 19
0		

IF IN DOUBT.....ASK!

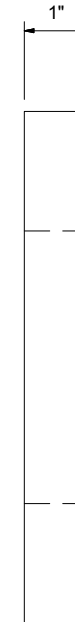
BILL OF MATERIALS						
MARK	STOCK #	DESCRIPTION	WIDTH	LENGTH	QTY	UNIT WEIGHT
2p5	100-02313	PL 50W - 1"	8"	8"	2	10.23

DXF FILE #15520105

MACHINE SHOP

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

Ø8±0.01"



FOR REVIEW COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

DATE OF PREVIOUS REVISION

WO #16456

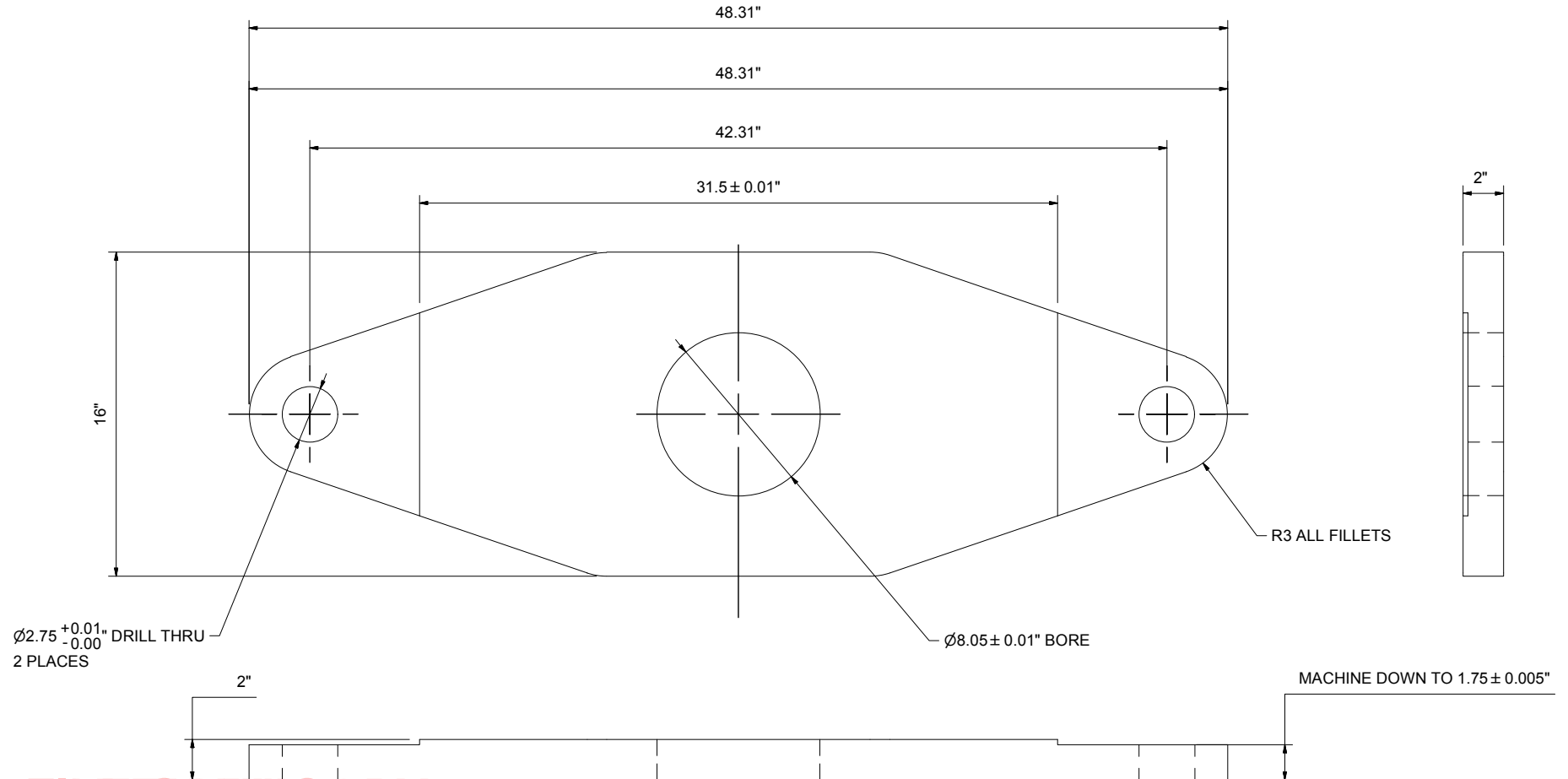
TOLERANCES AS PER QMF-03

CUSTOMER REFERENCE	 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			
PROJECT BECKET HOLDER			
TITLE Becket Holder			
W.O. # 15520	SCALE N.T.S.	DRAWING # / SHEET # eqt-1269-A-002 11 of 19	

IF IN DOUBT.....ASK!

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



FOR CONSTRUCTION COPY
APPROVED FOR CONSTRUCTION
BY _____
DATE 2014 12 21
QUESTIONS REVISION
WO #16456

TOLERANCES AS PER QMF-03

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 #
12 of 19



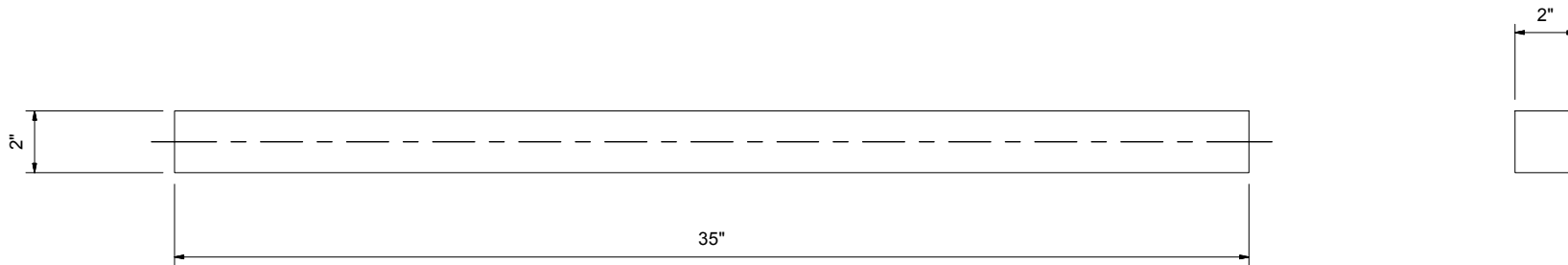
IF IN DOUBT.....ASK!

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

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



FOR REVIEW COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

DESTROY PREVIOUS REVISION

WO #16456

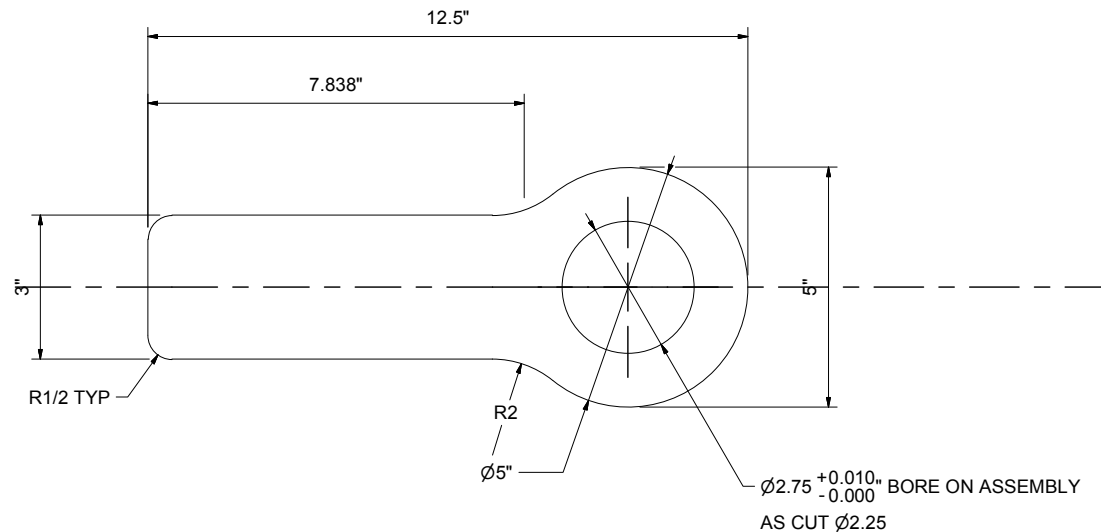
TOLERANCES AS PER QMP-03

IF IN DOUBT.....ASK!

CUSTOMER REFERENCE	CUSTOMER Ja-Co	DRAWN bmurphy	DATE
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>	PROJECT BECKET HOLDER	CHECKED	DATE
	TITLE Becket Holder	APPROVED	DATE
	W.O. # 15520	SCALE N.T.S.	DRAWING # / SHEET # eqt-1269-A-002 / 13 of 19

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



FOR EYE ONLY COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

DESTROY PREVIOUS REVISION
WO #16456

TOLERANCES AS PER QMF-03

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 #
14 of 19

0

IF IN DOUBT.....ASK!

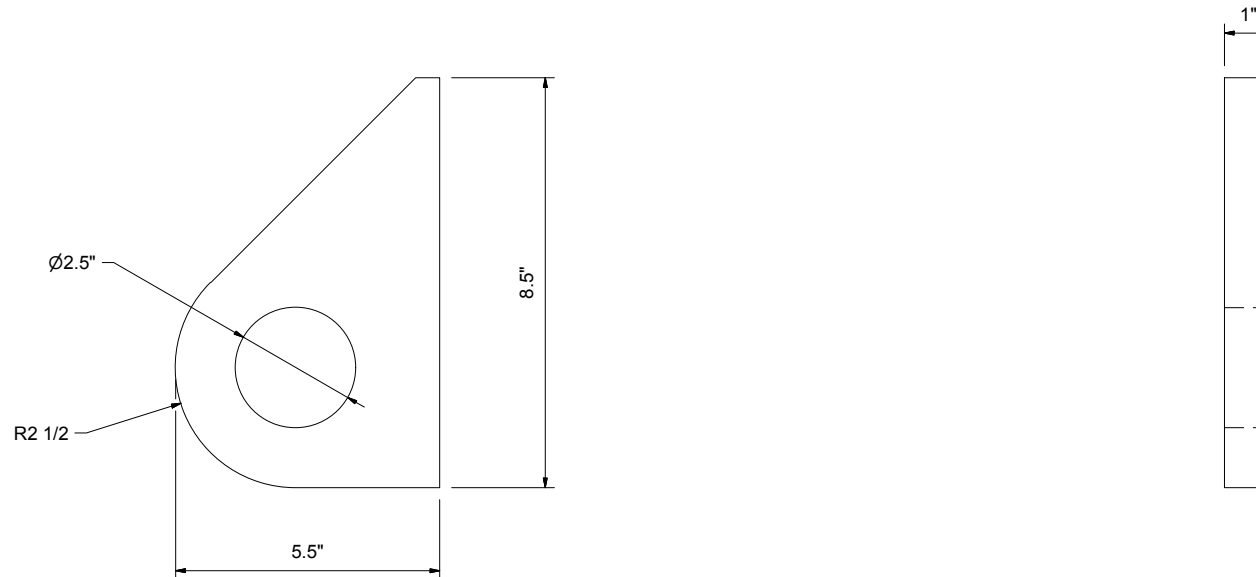
Ja-Co
Welding & Consulting Ltd.

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

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



FOR EYE ONLY COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

DESTROY PREVIOUS REVISION

WO #16456

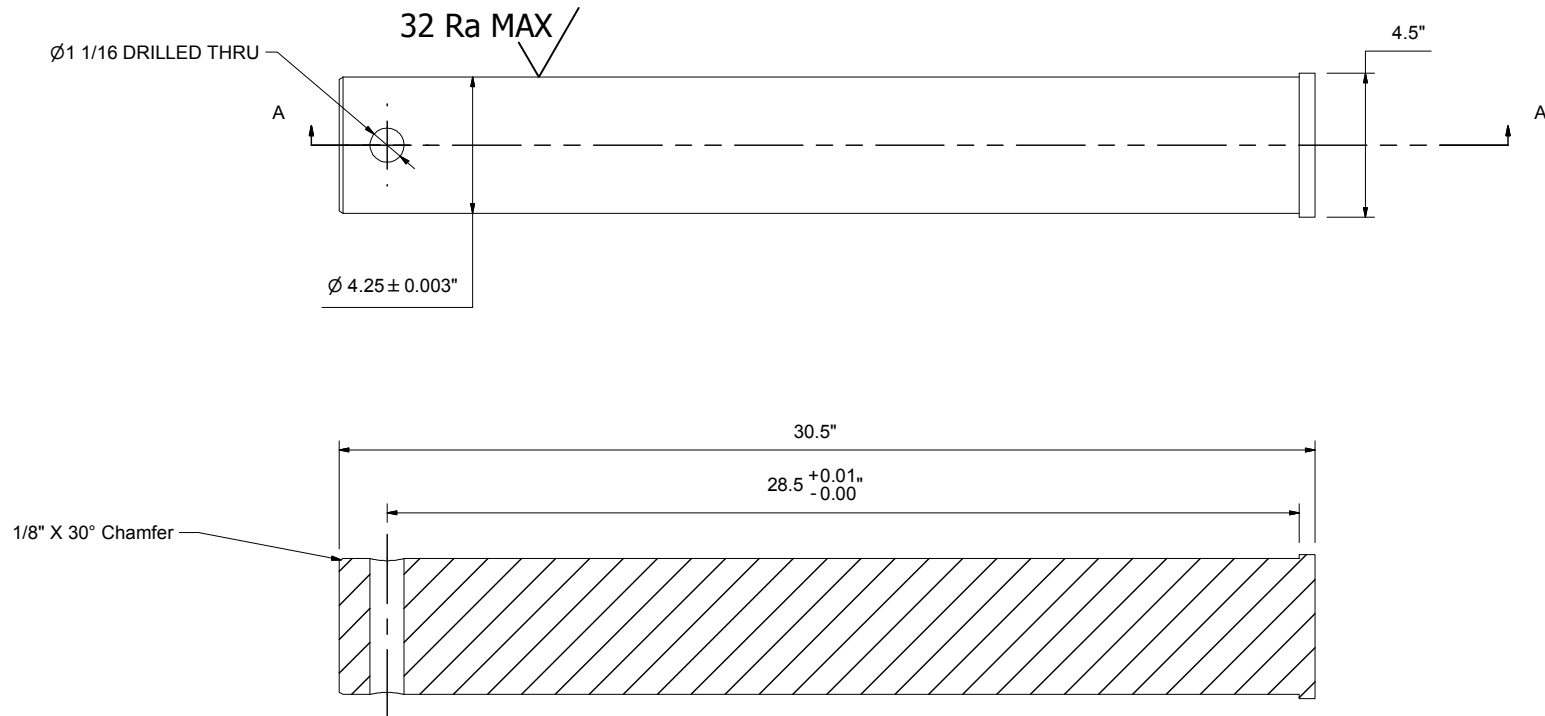
TOLERANCES AS PER QMF-03

CUSTOMER REFERENCE 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 15 of 19	

IF IN DOUBT.....ASK!

BILL OF MATERIALS						
MARK	STOCK #	DESCRIPTION	WIDTH	LENGTH	QTY	UNIT WEIGHT
2r1	100-02674	4140 4 1/2" (HTSR)		2'-6 1/2"	2	122.03

MACHINE SHOP



SECTION A-A
SCALE 1:6

FOR REVIEW COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

DESTROY PREVIOUS REVISION
WO #16456

TOLERANCES AS PER QMF-03

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 #
16 of 19

0

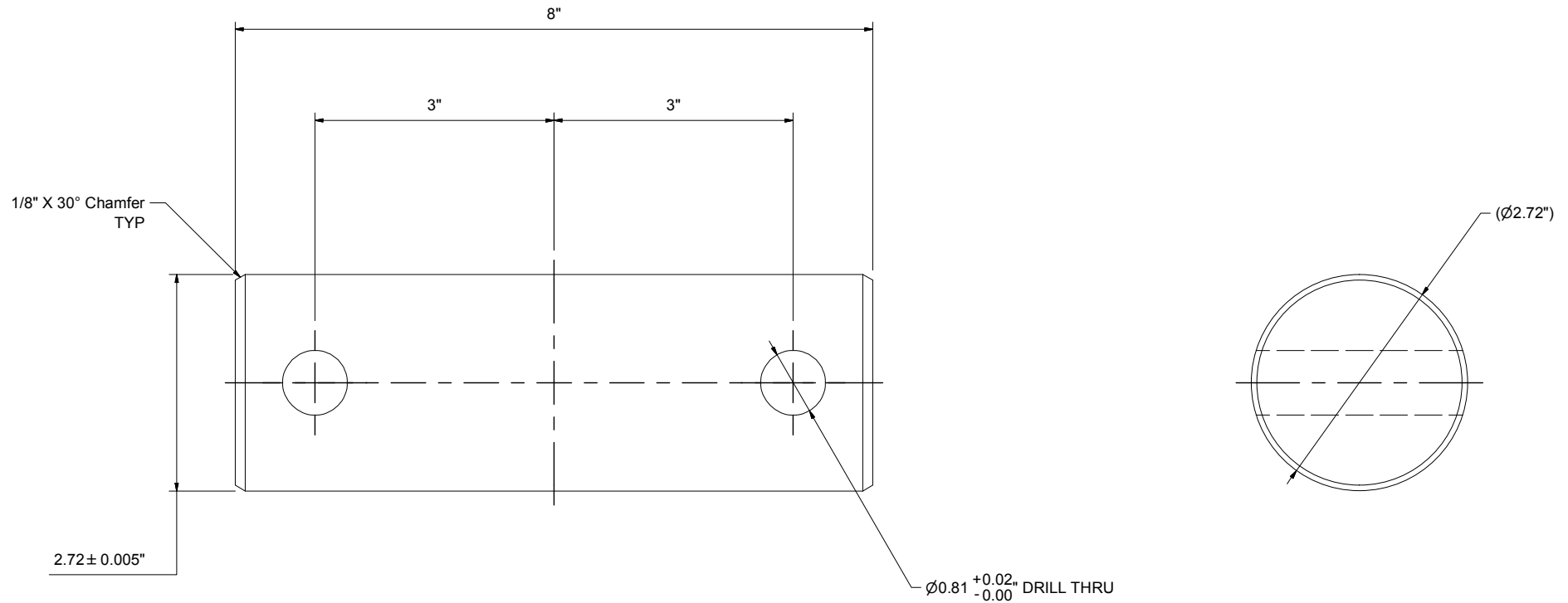
IF IN DOUBT.....ASK!

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

BILL OF MATERIALS						
MARK	STOCK #	DESCRIPTION	WIDTH	LENGTH	QTY	UNIT WEIGHT
2r2	100-02663	4140 2 3/4" (HTSR)		8 3/16"	4	12.39

MACHINE SHOP



FOR REVIEW COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

(DESTROY PREVIOUS REVISION

WO #16456

TOLERANCES AS PER QMF-03

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 17 of 19

0

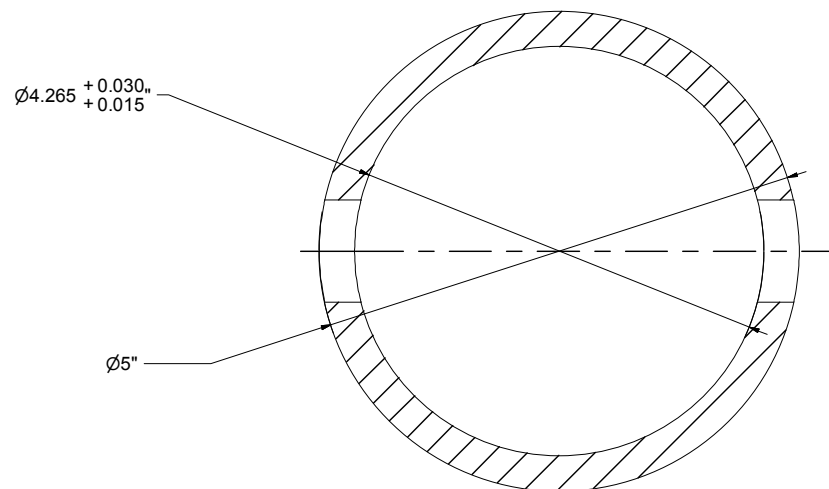
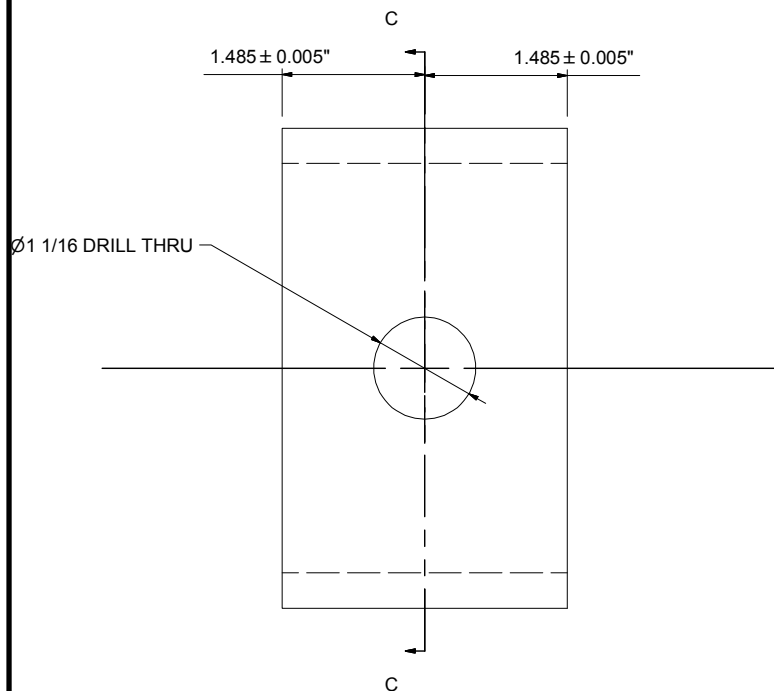
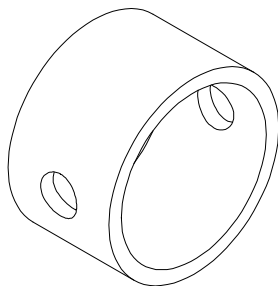
IF IN DOUBT.....ASK!

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

BILL OF MATERIALS						
MARK	STOCK #	DESCRIPTION	WIDTH	LENGTH	QTY	UNIT WEIGHT
2z1	100-02329	MECHANICAL TUBE - 5"od x 4.124"id (C1026)		3"	2	4.32

MACHINE SHOP



SECTION C-C
SCALE 1 / 2

FOR CONSTRUCTION COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

(DESTROY PREVIOUS REVISION

WO #16436

TOLERANCES AS PER QMF-03

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 #
18 of 19

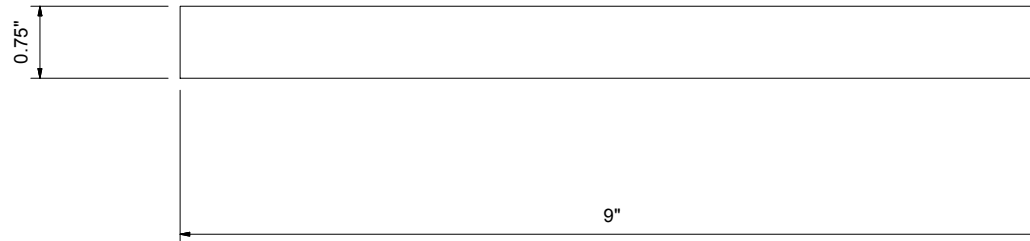
0

IF IN DOUBT.....ASK!

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

BILL OF MATERIALS						
MARK	STOCK #	DESCRIPTION	WIDTH	LENGTH	QTY	UNIT WEIGHT
2z2	100-02318	KEY STOCK - 3/4"		9"	4	0.18



FOR REVIEW COPY

APPROVED FOR CONSTRUCTION

BY

DATE 2014 12 21

TOLERANCES AS PER QMF-03
 WO #16456

IF IN DOUBT.....ASK!

CUSTOMER REFERENCE
<p>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</p>

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 19 of 19