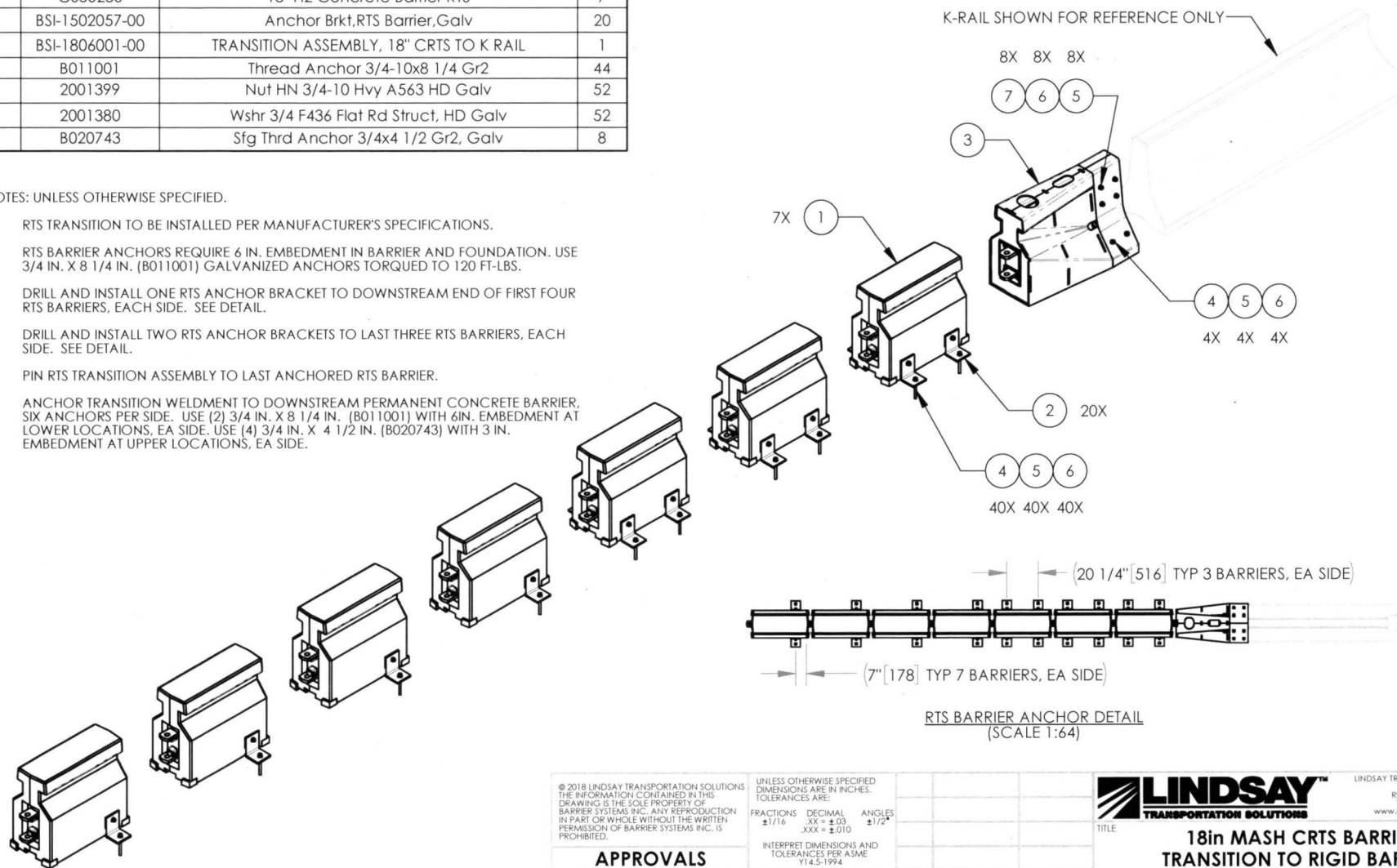


ITEM	PART NUMBER	Description	QTY.
1	C050236	18" H2 Concrete Barrier RTS	7
2	BSI-1502057-00	Anchor Brkt, RTS Barrier, Galv	20
3	BSI-1806001-00	TRANSITION ASSEMBLY, 18" CRTS TO K RAIL	1
4	B011001	Thread Anchor 3/4-10x8 1/4 Gr2	44
5	2001399	Nut HN 3/4-10 Hvy A563 HD Galv	52
6	2001380	Wshr 3/4 F436 Flat Rd Struct, HD Galv	52
7	B020743	Sfg Thrd Anchor 3/4x4 1/2 Gr2, Galv	8

NOTES: UNLESS OTHERWISE SPECIFIED.

1. RTS TRANSITION TO BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
2. RTS BARRIER ANCHORS REQUIRE 6 IN. EMBEDMENT IN BARRIER AND FOUNDATION. USE 3/4 IN. X 8 1/4 IN. (B011001) GALVANIZED ANCHORS TORQUED TO 120 FT-LBS.
3. DRILL AND INSTALL ONE RTS ANCHOR BRACKET TO DOWNSTREAM END OF FIRST FOUR RTS BARRIERS, EACH SIDE. SEE DETAIL.
4. DRILL AND INSTALL TWO RTS ANCHOR BRACKETS TO LAST THREE RTS BARRIERS, EACH SIDE. SEE DETAIL.
5. PIN RTS TRANSITION ASSEMBLY TO LAST ANCHORED RTS BARRIER.
6. ANCHOR TRANSITION WELDMENT TO DOWNSTREAM PERMANENT CONCRETE BARRIER, SIX ANCHORS PER SIDE. USE (2) 3/4 IN. X 8 1/4 IN. (B011001) WITH 6IN. EMBEDMENT AT LOWER LOCATIONS, EA SIDE. USE (4) 3/4 IN. X 4 1/2 IN. (B020743) WITH 3 IN. EMBEDMENT AT UPPER LOCATIONS, EA SIDE.



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APPROVALS

DRAWN BY: JMT
DRAWN DATE: 5/30/2018
APPR'D BY: GAD
APPR'D DATE: 5/30/2018

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ARE:

FRACTIONS DECIMAL ANGLES
 $\pm 1/16$.XX $\pm .03$ $\pm 1/2^\circ$
XXX $\pm .010$

INTERPRET DIMENSIONS AND
TOLERANCES PER ASME
Y14.5-1994

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

REV A 3764 06/05/18
ECN# DATE

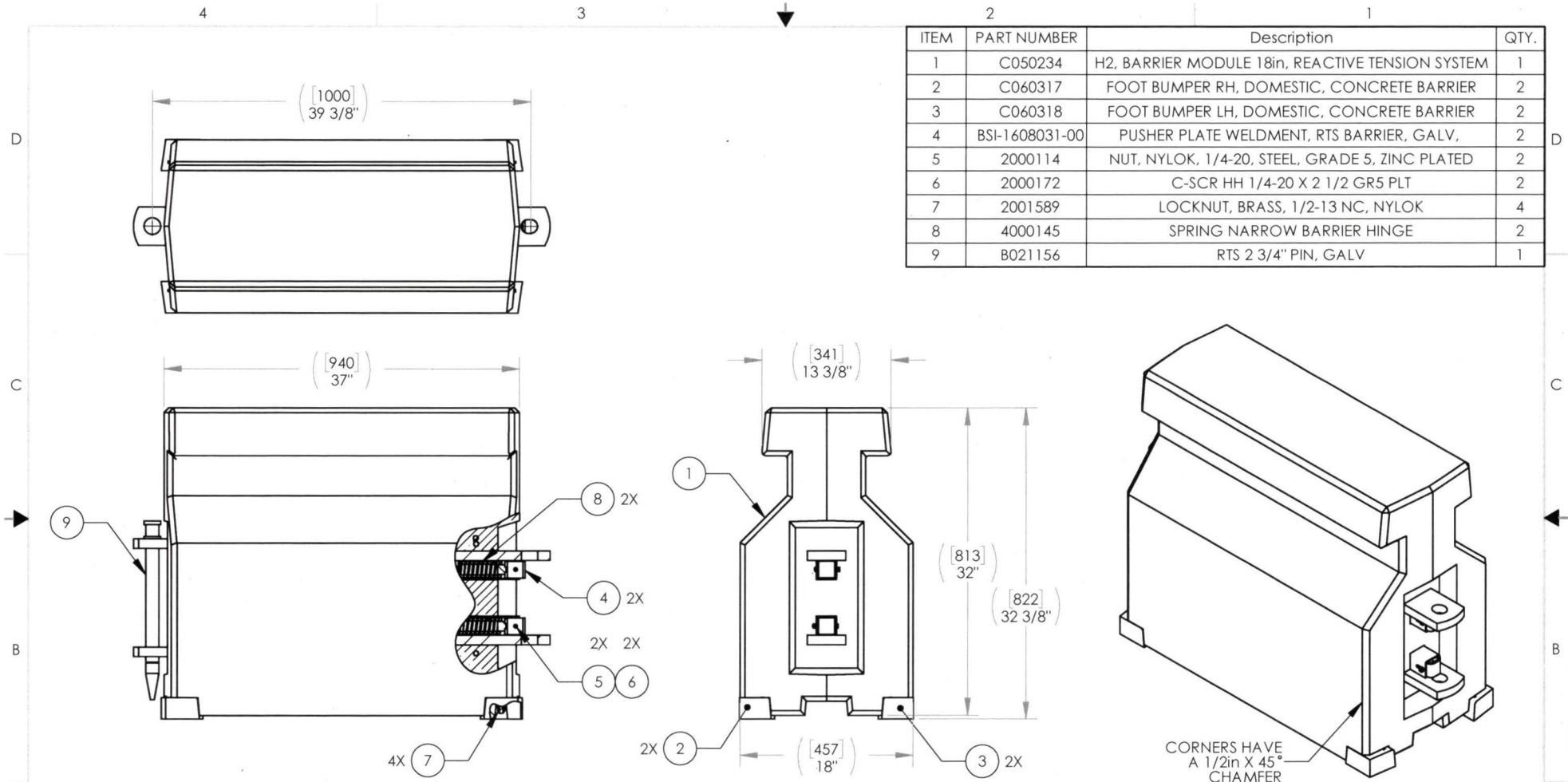


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18in MASH CRTS BARRIER TRANSITION TO RIGID BARRIER

SIZE DWG NO. BSI-1806002-US REV. A
SCALE 1:32 SHEET 1 OF 1

ITEM	PART NUMBER	Description	QTY.
1	C050234	H2, BARRIER MODULE 18in, REACTIVE TENSION SYSTEM	1
2	C060317	FOOT BUMPER RH, DOMESTIC, CONCRETE BARRIER	2
3	C060318	FOOT BUMPER LH, DOMESTIC, CONCRETE BARRIER	2
4	BSI-1608031-00	PUSHER PLATE WELDMENT, RTS BARRIER, GALV,	2
5	2000114	NUT, NYLOK, 1/4-20, STEEL, GRADE 5, ZINC PLATED	2
6	2000172	C-SCR HH 1/4-20 X 2 1/2 GR5 PLT	2
7	2001589	LOCKNUT, BRASS, 1/2-13 NC, NYLOK	4
8	4000145	SPRING NARROW BARRIER HINGE	2
9	B021156	RTS 2 3/4" PIN, GALV	1



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TOLERANCES ARE:

FRACTIONS	DECIMAL	ANGLES
±1/16	.XX = ±.03	±1/2°
	.XXX = ±.010	

INTERPRET DIMENSIONS AND
TOLERANCES PER ASME
Y14.5-1994

APPROVALS

DRAWN BY: RGC
DRAWN DATE: 5/11/2005
APPR'D BY: JSM
APPR'D DATE: 5/11/2005

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING

REV	ECN#	DATE
C	3764	05/18/18
B	3280	12/01/16
A	1758	10/12/11



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TITLE
**18" H2 CONCRETE BARRIER
REACTIVE TENSION SYSTEM**

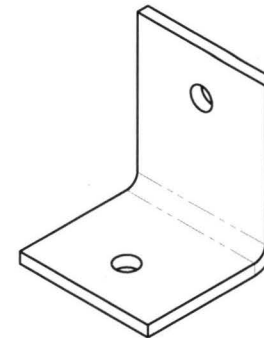
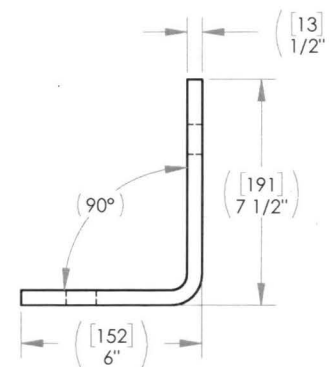
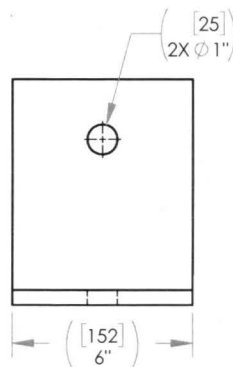
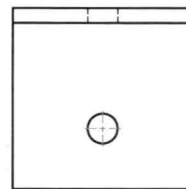
SIZE	DWG NO.	REV.
B	C050236-US	C

SCALE 1:10 SHEET 1 OF 1

NOTES: UNLESS OTHERWISE SPECIFIED.

1. FINISH TO BE HOT-DIP GALVANIZED PER ASTM A123.

ITEM	PART NO	DESCRIPTION	QTY
1	BSI-1502056-00	Anchor Bracket, RTS Barrier,	1



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APPROVALS

DRAWN BY: JMT
DRAWN DATE: 2/19/2015
APPR'D BY: GAD
APPR'D DATE: 2/19/2015

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TOLERANCES ARE:

FRACTIONS DECIMAL ANGLES
±1/16 .XX = ±.03 ±1/2°
XXX = ±.010

INTERPRET DIMENSIONS AND
TOLERANCES PER ASME
Y14.5-1994

THIRD ANGLE PROJECTION



DO NOT SCALE DRAWING



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TITLE
**ANCHOR BRACKET,
RTS BARRIER, GALV**

SIZE DWG NO.

B

BSI-1502057-US

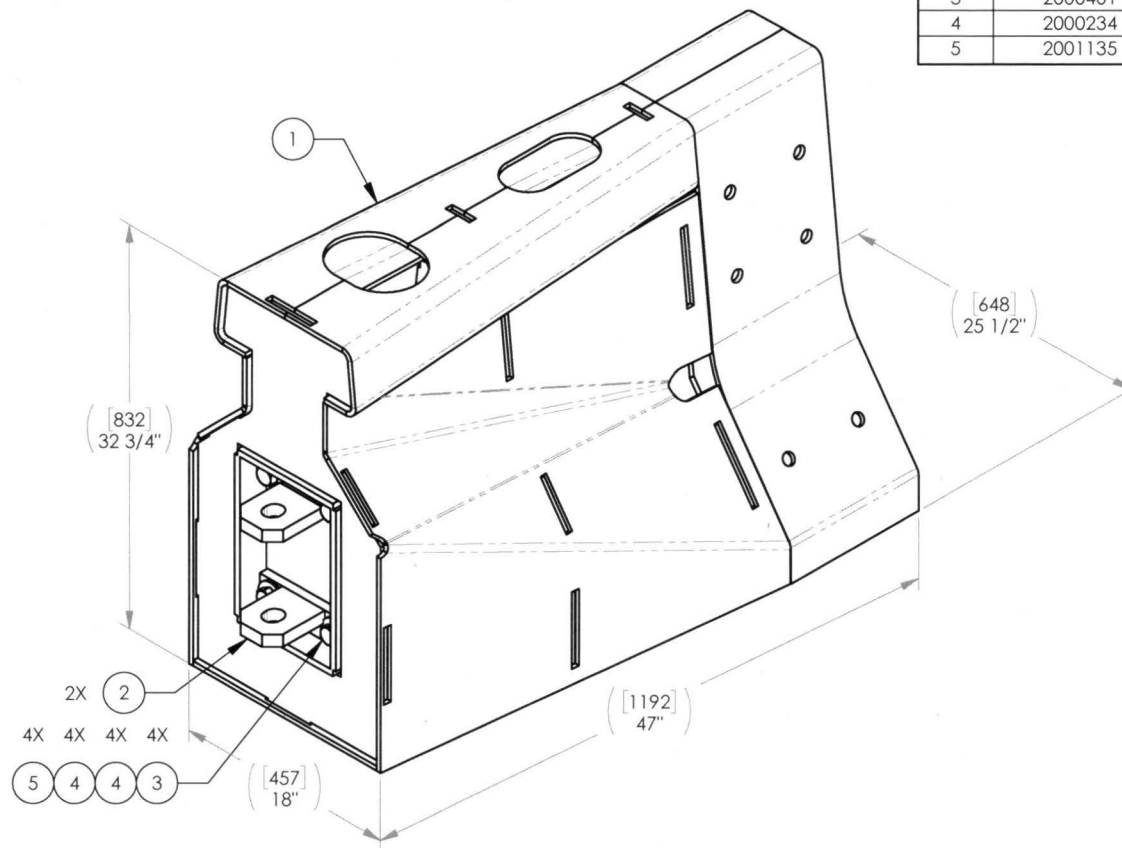
REV.

A

SCALE 1:4

SHEET 1 OF 1

ITEM	PART NUMBER	Description	QTY.
1	BSI-1801014-00	18" CRTS TRANSITION WELDMENT, GALV	1
2	B020134	WELD, HINGE, RTS	2
3	2000401	C-Scr HH 7/8-9x3 1/2 Gr5 Plt	4
4	2000234	Wshr 7/8 SAE HD Plt	8
5	2001135	Nut Nylok 7/8-9 Plt	4



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 $\pm 1/16$.XX = $\pm .03$ $\pm 1/2^\circ$
XXX = $\pm .010$

INTERPRET DIMENSIONS AND
TOLERANCES PER ASME
Y14.5-1994

THIRD ANGLE PROJECTION



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TITLE

**TRANSITION ASSEMBLY,
18" CRTS TO K RAIL**

APPROVALS

DRAWN BY: JMT

DRAWN DATE: 05/30/18

APPR'D BY: GAD

APPR'D DATE: 05/30/18

REV

ECN#

DATE

SCALE

1:8

SHEET

1 OF 1

REV.

A

SIZE

DWG. NO.

B

BSI-1806001-US

SCALE

1:8

SHEET

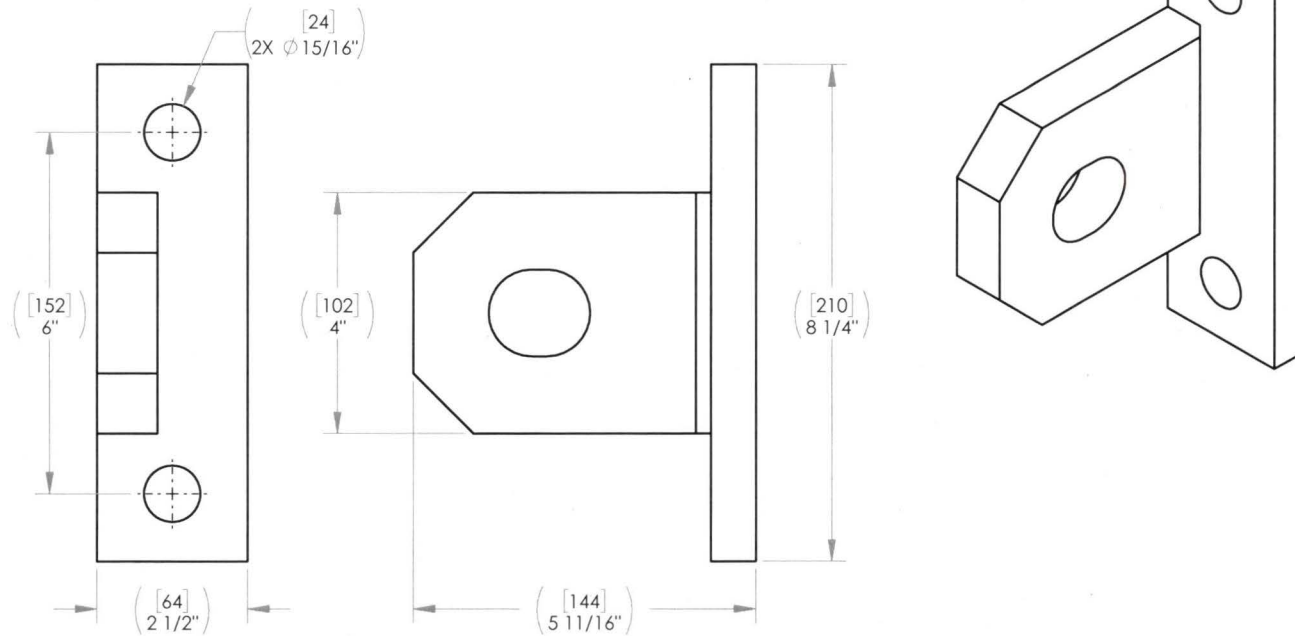
1 OF 1

REV.

A

NOTES: UNLESS OTHERWISE SPECIFIED.

1. FINISH TO BE HOT DIPPED GALVANIZED PER ASTM A 123



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 $\pm 1/16$ $\pm .03$ $\pm 1/2^\circ$
 $\pm 1/32$ $\pm .010$

INTERPRET DIMENSIONS AND
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Y14.5-1994

THIRD ANGLE PROJECTION



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TITLE

HINGE, RTS

APPROVALS

DRAWN BY: JMT

DRAWN DATE: 2018-06-04

APPR'D BY: GAD

APPR'D DATE: 2018-06-04

SIZE DWG NO.

B

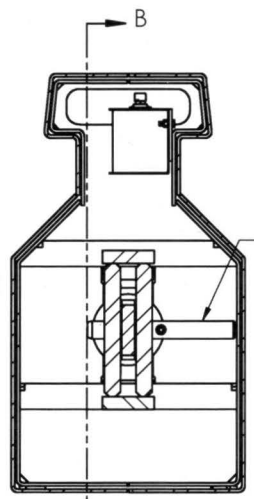
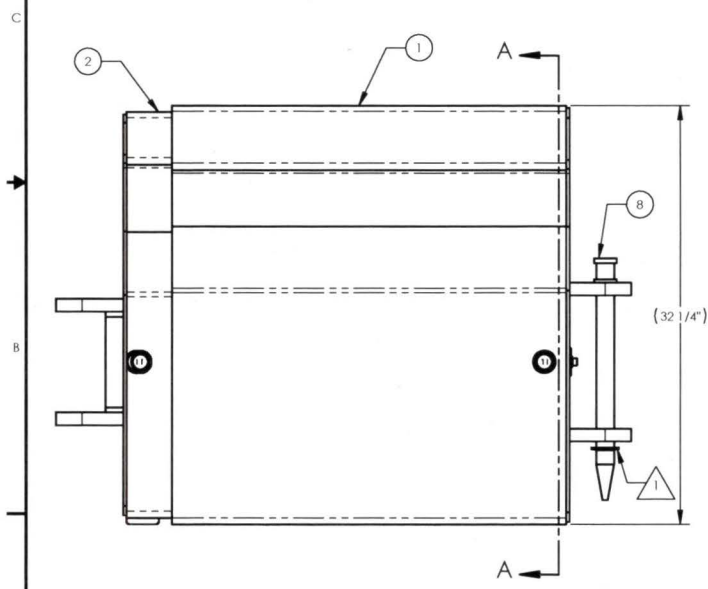
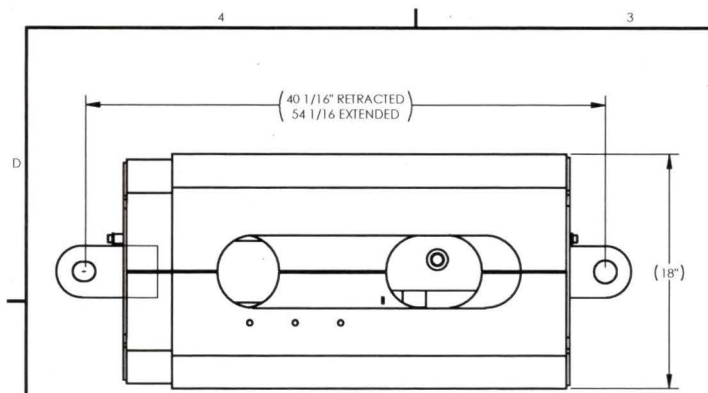
B020134-US

REV.

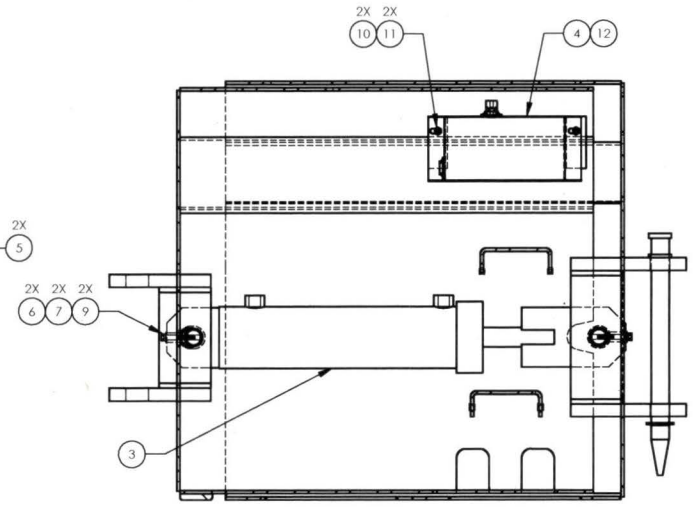
A

SCALE 1:2

SHEET 1 OF 1



SECTION A-A



SECTION B-B

ITEM	PART NO.	DESCRIPTION	QTY.	UoM
1	BSI-1010077-00	OUTER SHELL WELDMENT, 18" VLB	1	EA
2	BSI-1010076-00	INNER SHELL WELDMENT, 18" VLB	1	EA
3	B050609	HYDRAULIC CYLINDER, VLB	1	EA
4	BSI-1612002-00	VLB HYD DIAGRAM	1	EA
5	A050539	CYL CONNECTION PIN 18" VLB	2	EA
6	A050802	PIN-LOCK SPACER	2	EA
7	2000228	WSHR 3/8	2	EA
8	B021156	BSI, HINGE PIN 2 3/4 TAPER	1	EA
9	2001043	C-SCR SH 3/8-16X2 1/4	2	EA
10	2000363	C-SCR HH 5/16-18 X 1	2	EA
11	2000131	NUT NYLOK 5/16-18	2	EA
12	1405610	HYD OIL	1.62	GA

NOTES: UNLESS OTHERWISE SPECIFIED.
 RETAINING RING AND WASHER
 WILL BE SUPPLIED SEPARATELY BY
 LINDSAY TRANSPORTATION SOLUTIONS
 USE WASHER: BSI-1405130-00
 USE RETAINING CLIP: 2000085 (LEASE)
 OR: BSI-1510044-00 (PERMANENT)



APPROVALS DRAWN BY: JTL DRAWN DATE: 12/01/16 CHECKED BY: GAD CHECKED DATE: 12/01/16 APPROVED BY: GAD APPROVED DATE: 12/01/16		THIRD ANGLE PROJECTION 		C 3441 05/18/17 B 3357 03/10/17 A 3280 12/01/16 REV ECN# DATE DATE 1:6		LINDSAY 18" RTS VLB - MASH BSI-1612001-US 1 OF 1	
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