

Standard Rail Lengths:

132"
168"
208"
240"



1411 BROADWAY BLVD NE
ALBUQUERQUE, NM 87102 USA

WWW.UNIRAC.COM

PRODUCT LINE: SOLARMOUNT

DRAWING TYPE: PART DETAIL

DESCRIPTION: RAIL

REVISION DATE: October 2016

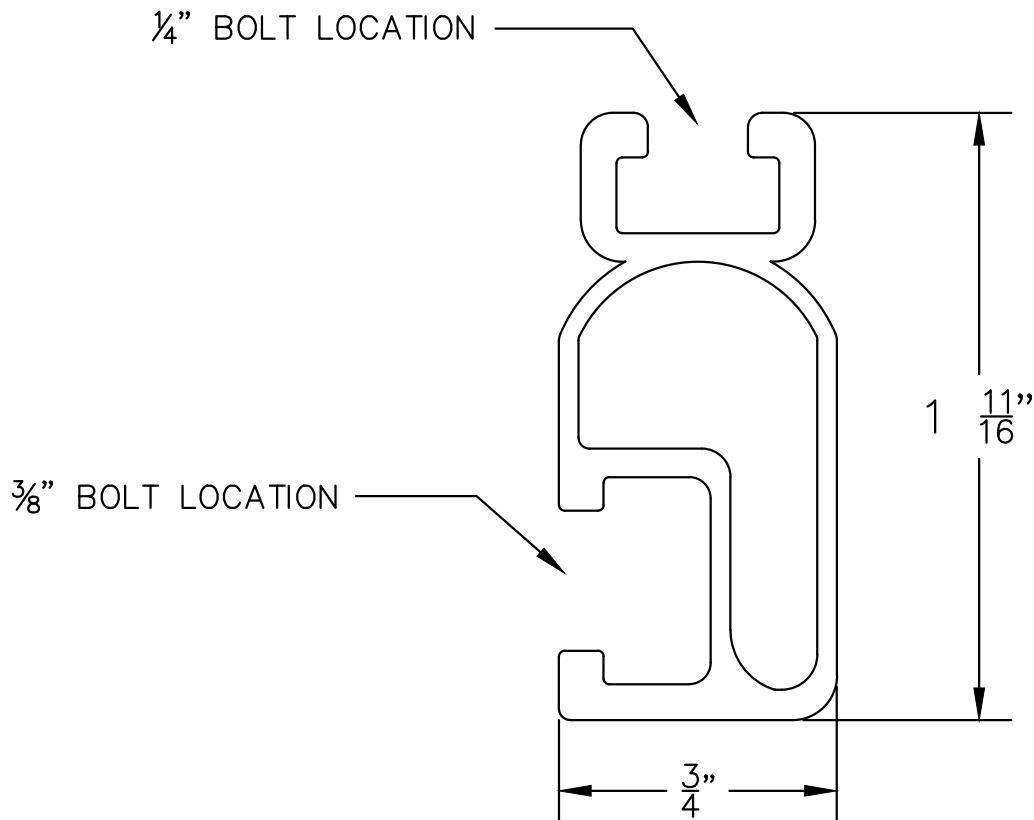
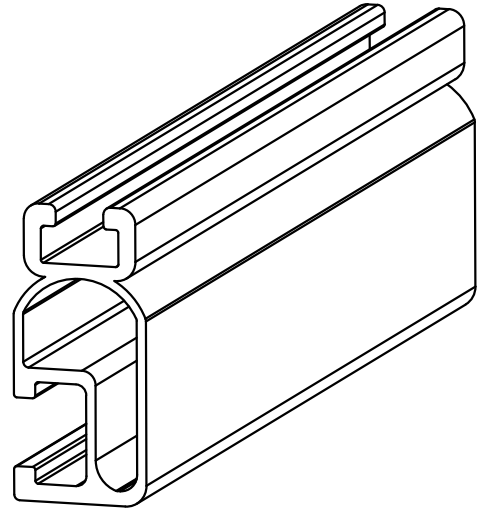
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY
ONE OR MORE US PATENTS.

LEGAL NOTICE

SM-P01

SHEET



Standard Rail Lengths:

168"
240"



1411 BROADWAY BLVD NE
ALBUQUERQUE, NM 87102 USA

WWW.UNIRAC.COM

PRODUCT LINE: SOLARMOUNT

DRAWING TYPE: PART DETAIL

DESCRIPTION: LIGHT RAIL

REVISION DATE: October 2016

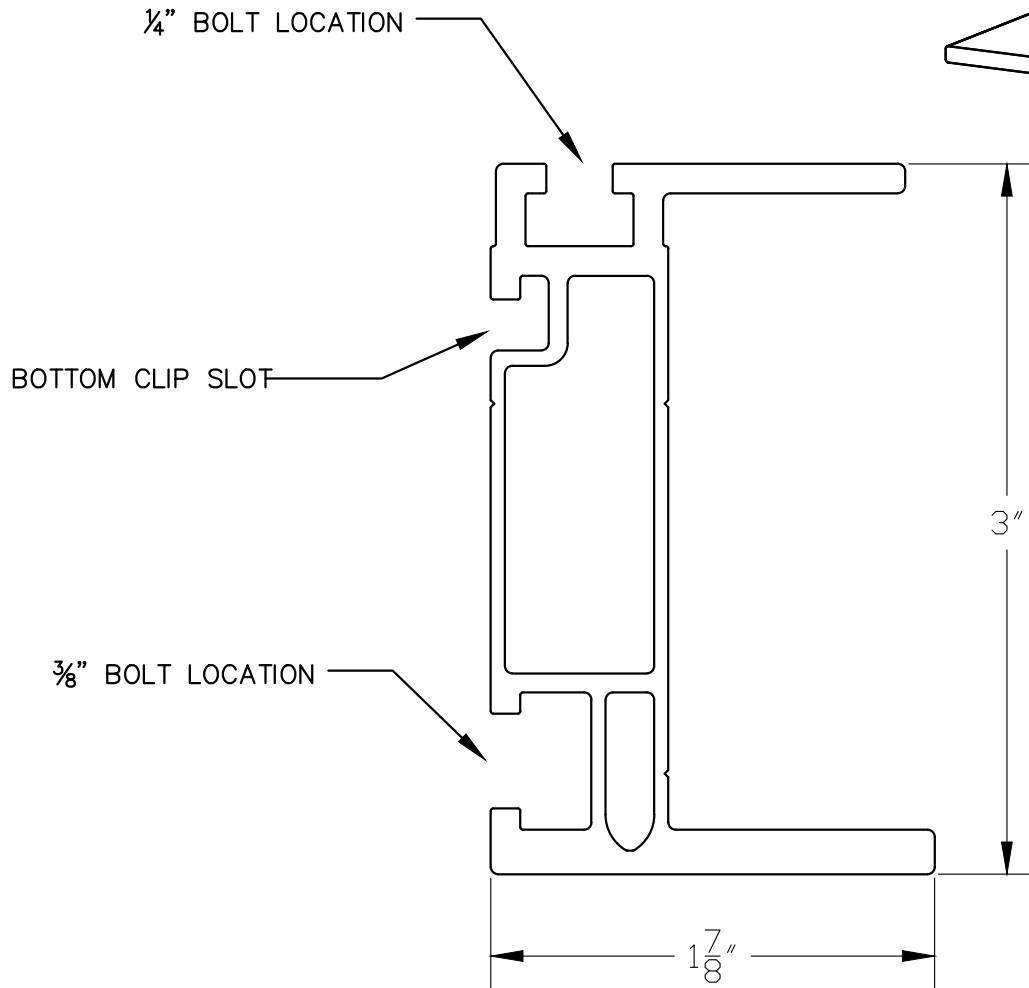
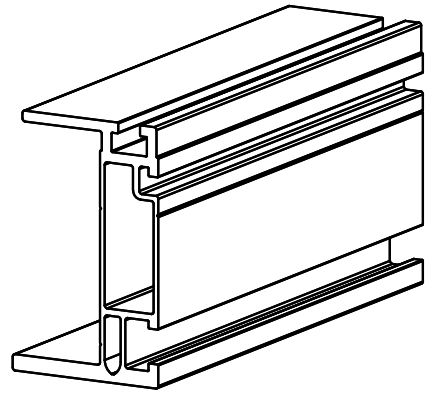
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY
ONE OR MORE US PATENTS

LEGAL NOTICE

SM-P02

SHEET



Standard Rail Lengths:

144"
168"
204"
240"



1411 BROADWAY BLVD NE
ALBUQUERQUE, NM 87102 USA

WWW.UNIRAC.COM

PRODUCT LINE: SOLARMOUNT

DRAWING TYPE: PART DETAIL

DESCRIPTION: HD RAIL

REVISION DATE: October 2016

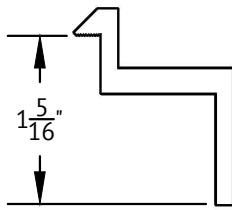
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY
ONE OR MORE US PATENTS

LEGAL NOTICE

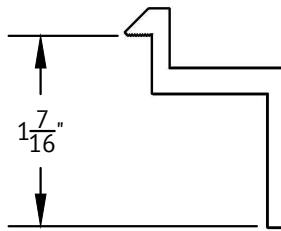
SM-P03

SHEET



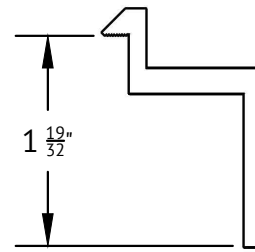
B CLAMP

30mm to 32mm Module Thickness
(1.18" to 1.26")



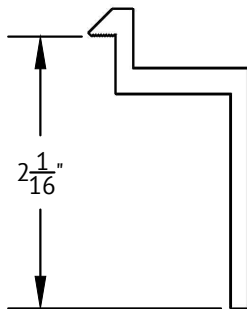
C CLAMP

33mm to 36mm Module Thickness
(1.30" to 1.42")



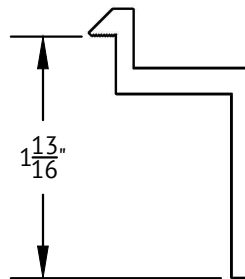
D CLAMP

38mm to 40mm Module Thickness
(1.50" to 1.57")



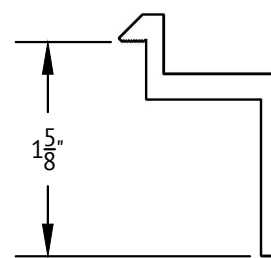
E CLAMP

50mm to 51mm Module Thickness
(1.97" to 2.00")



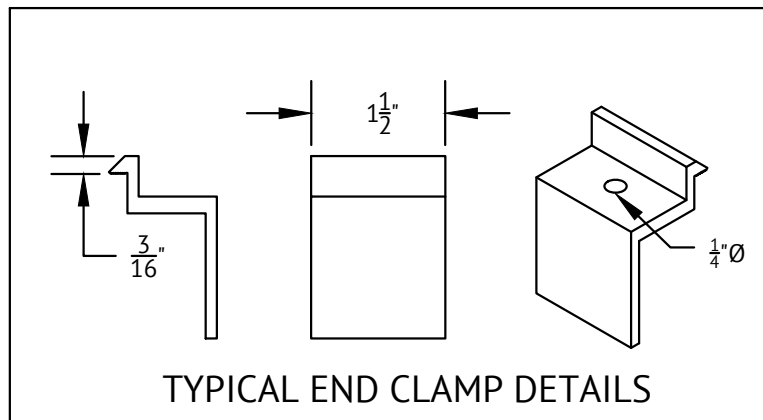
F CLAMP

45mm to 47mm Module Thickness
(1.77" to 1.85")



K CLAMP

39mm to 41mm Module Thickness
(1.54" to 1.61")



1411 BROADWAY BLVD NE
ALBUQUERQUE, NM 87102 USA

WWW.UNIRAC.COM

PRODUCT LINE: SOLARMOUNT

DRAWING TYPE: PART

DESCRIPTION: END CLAMPS

REVISION DATE: MAY 2016

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

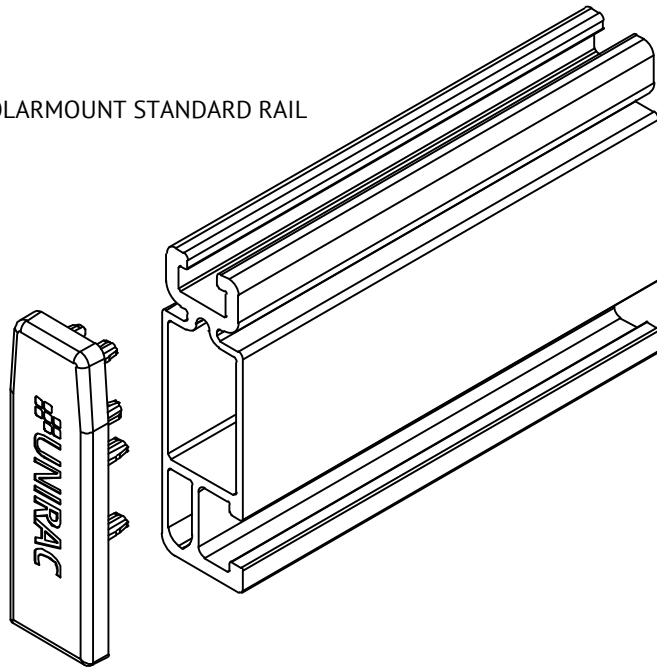
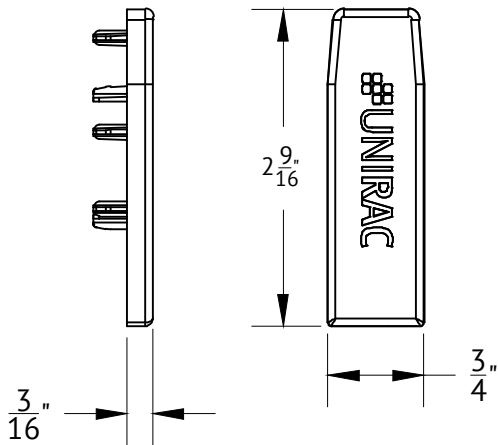
PRODUCT PROTECTED BY ONE
OR MORE US PATENTS

LEGAL NOTICE

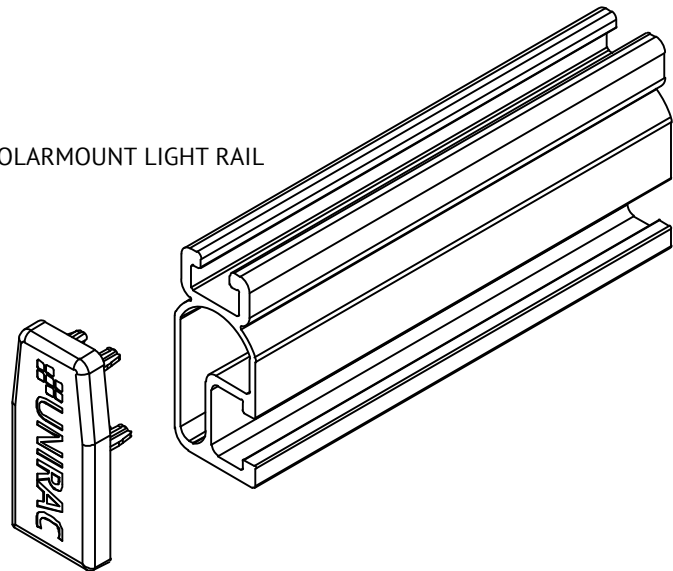
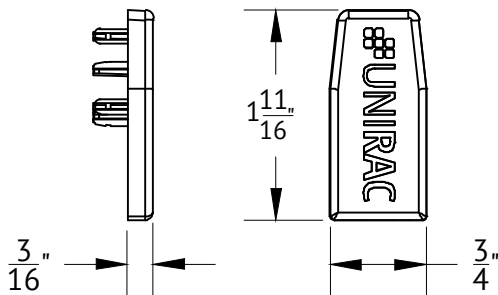
SM-P04

SHEET

SOLARMOUNT STANDARD RAIL



SOLARMOUNT LIGHT RAIL



1411 BROADWAY BLVD NE
ALBUQUERQUE, NM 87102 USA

WWW.UNIRAC.COM

PRODUCT LINE: SOLARMOUNT

DRAWING TYPE: PARTS DETAIL

DESCRIPTION: END CAPS

REVISION DATE: MAY 2016

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

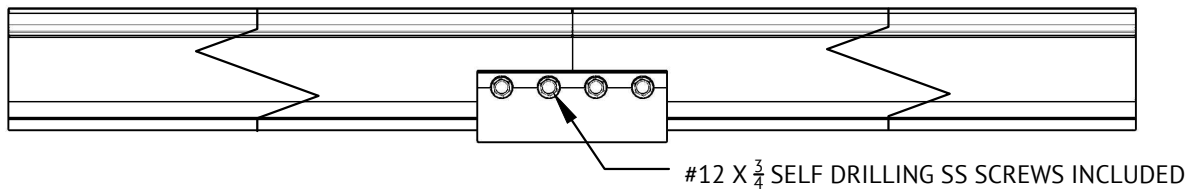
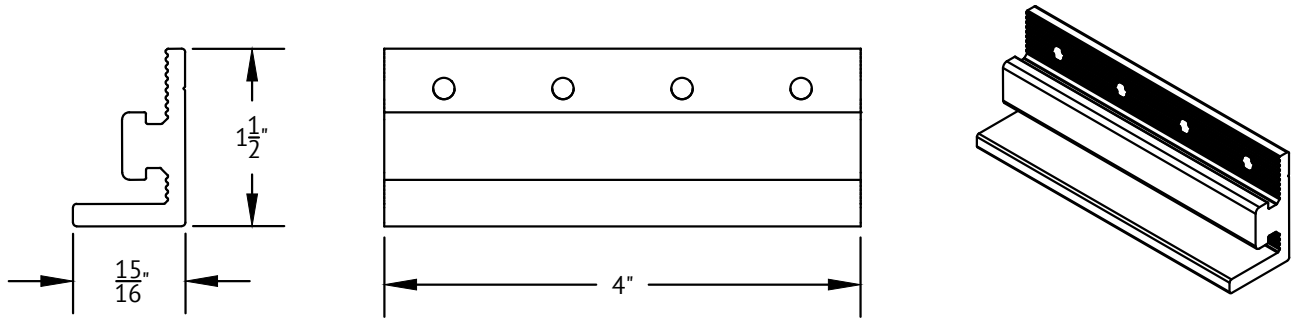
PRODUCT PROTECTED BY ONE
OR MORE US PATENTS

LEGAL NOTICE

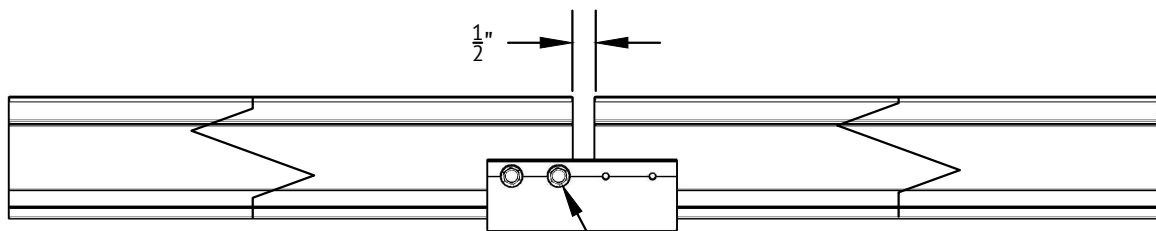
SM-P05

SHEET

BONDING SPLICE BAR



TYPICAL SPLICE BAR DETAIL



TYPICAL EXPANSION JOINT DETAIL

NOTE THAT ONLY 2 SCREWS ARE
USED AT AN EXPANSION JOINT.
THE SPLICE BAR DOES NOT BOND
ACROSS AN EXPANSION JOINT.

UNIRAC®

1411 BROADWAY BLVD NE
ALBUQUERQUE, NM 87102 USA

WWW.UNIRAC.COM

PRODUCT LINE: SOLARMOUNT

DRAWING TYPE: PART & ASSEMBLY

DESCRIPTION: BONDING SPLICE BAR

REVISION DATE: APRIL 2016

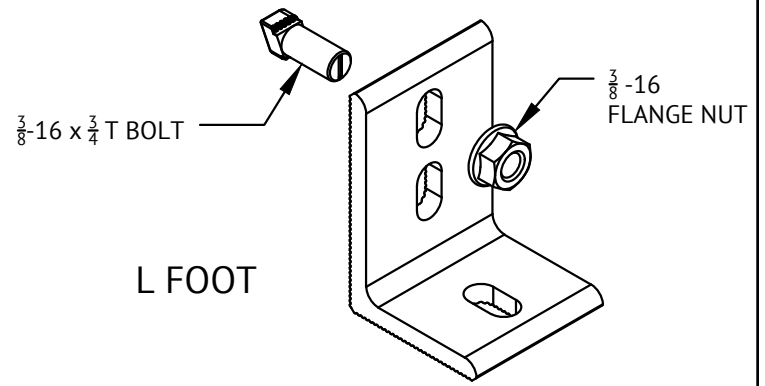
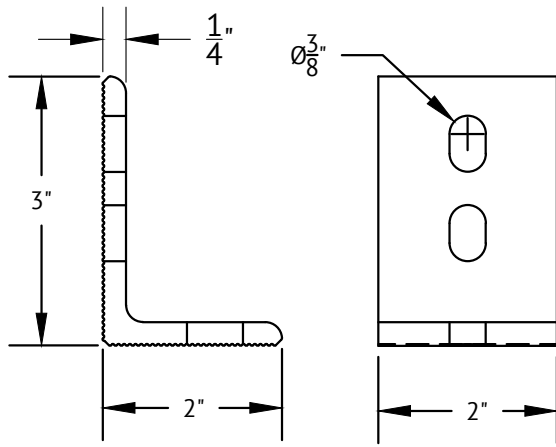
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY ONE OR MORE
US PATENTS

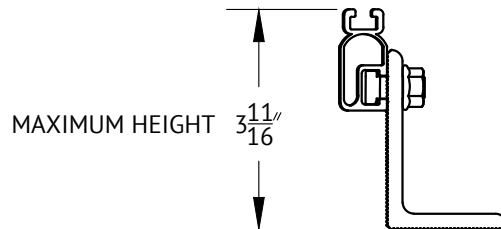
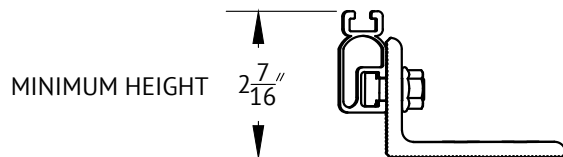
LEGAL NOTICE

SM-A01

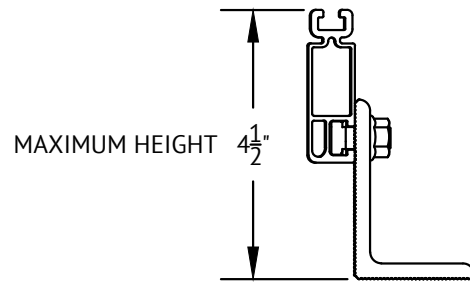
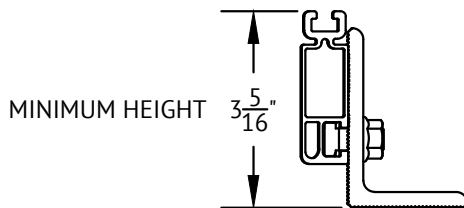
SHEET



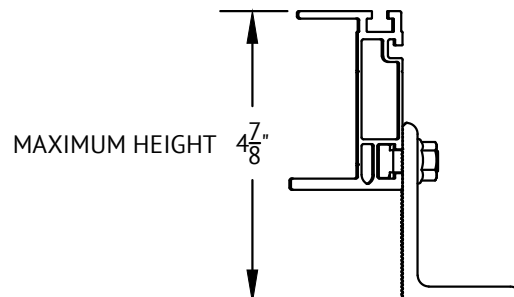
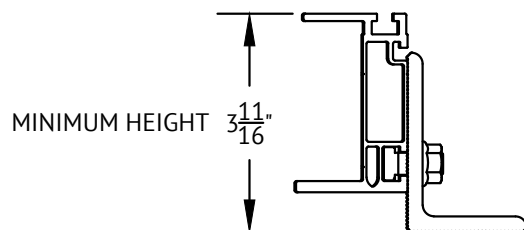
SOLARMOUNT LIGHT ON L-FOOT



SOLARMOUNT STANDARD ON L-FOOT



SOLARMOUNT HD ON L-FOOT



NOTE: L-FOOT CAN BE INSTALLED IN TWO ORIENTATIONS. PLEASE REFER TO INSTRUCTIONS IN THE QUICK START GUIDE.



1411 BROADWAY BLVD NE
ALBUQUERQUE, NM 87102 USA

WWW.UNIRAC.COM

PRODUCT LINE: SOLARMOUNT

DRAWING TYPE: PART & ASSEMBLY

DESCRIPTION: L-FOOT

REVISION DATE: APRIL 2016

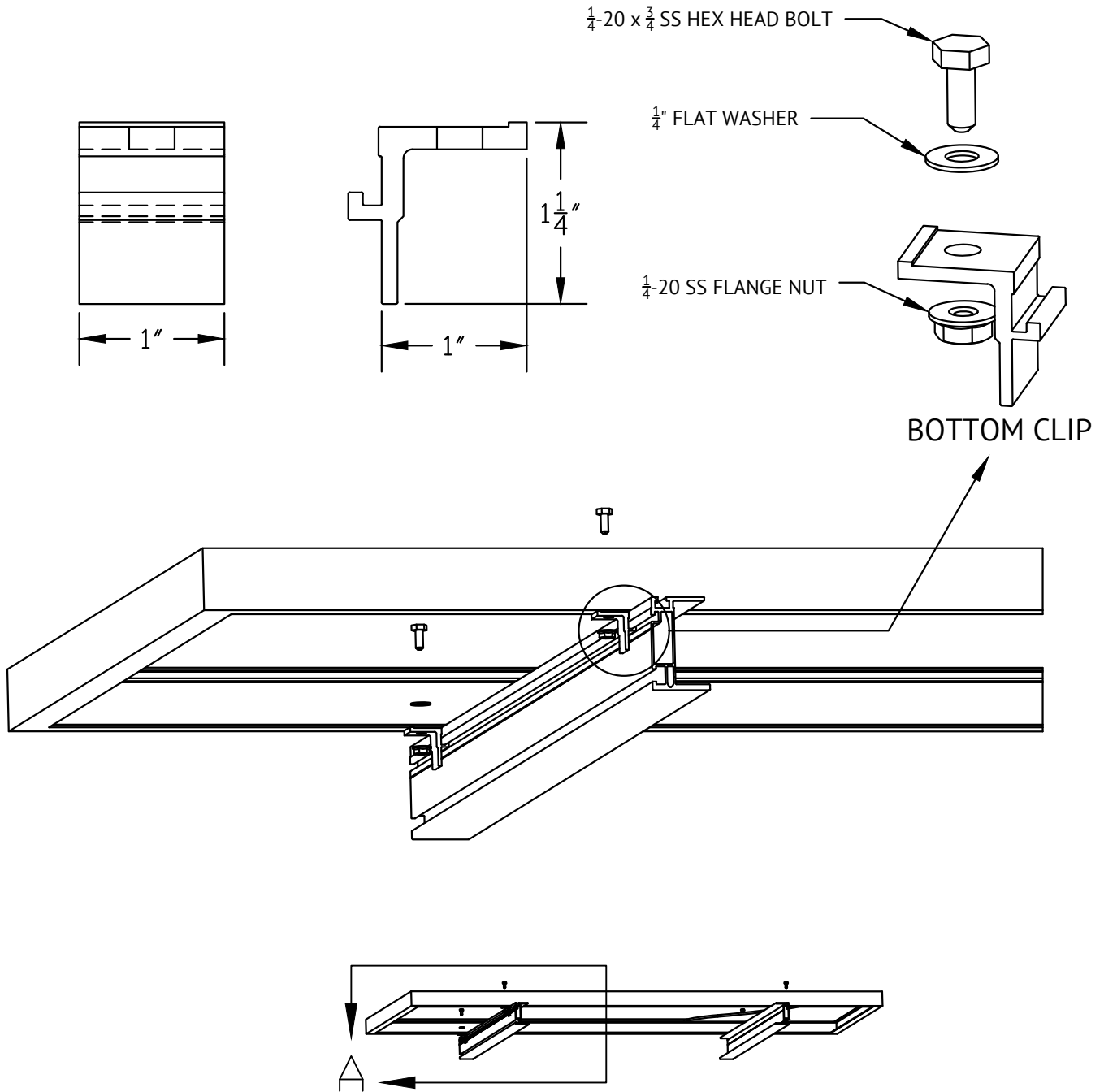
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY ONE OR MORE
US PATENTS

LEGAL NOTICE

SM-A02

SHEET



1411 BROADWAY BLVD NE
ALBUQUERQUE, NM 87102 USA

WWW.UNIRAC.COM

PRODUCT LINE: SOLARMOUNT HD

DRAWING TYPE: PART & ASSEMBLY

DESCRIPTION: BOTTOM CLIP

REVISION DATE: APRIL 2016

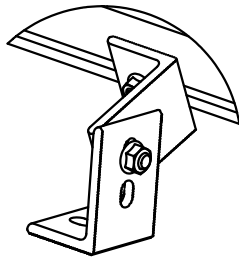
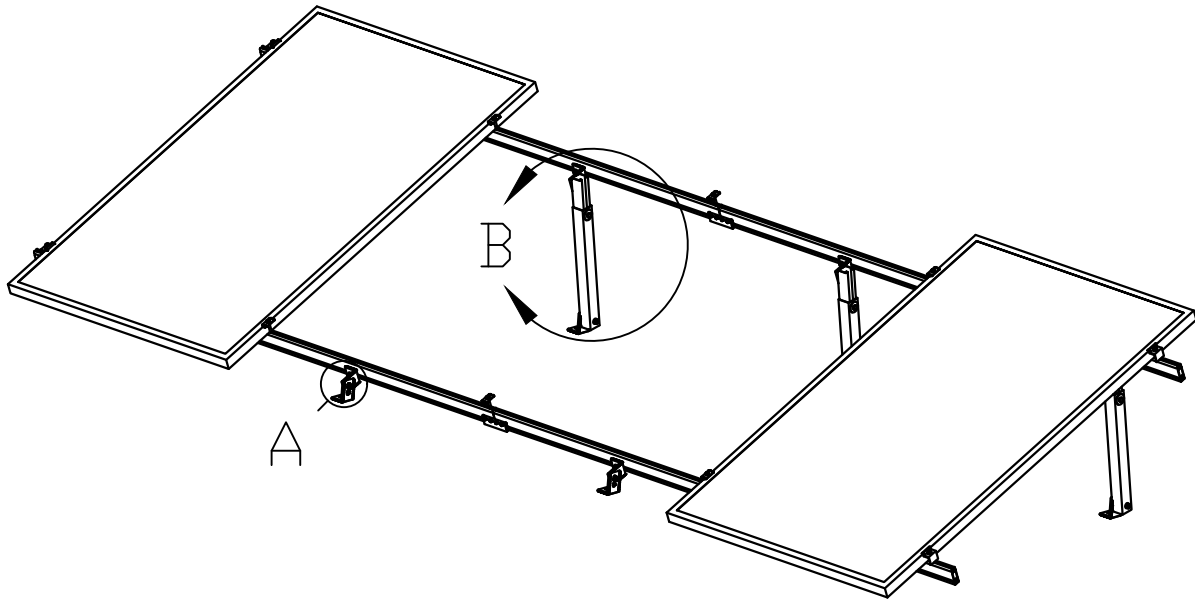
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY ONE OR MORE
US PATENTS

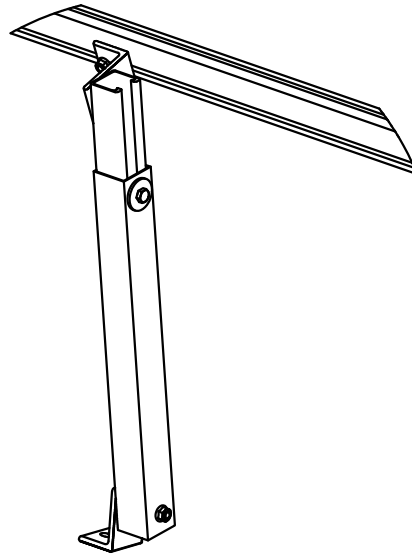
LEGAL NOTICE

SM-A03

SHEET



DETAIL A - FRONT L FOOT HINGE



DETAIL B - REAR TILT LEG



1411 BROADWAY BLVD NE
ALBUQUERQUE, NM 87102 USA

WWW.UNIRAC.COM

PRODUCT LINE: SOLARMOUNT

DRAWING TYPE: ASSEMBLY

DESCRIPTION: LOW PROFILE TILT

REVISION DATE: APRIL 2016

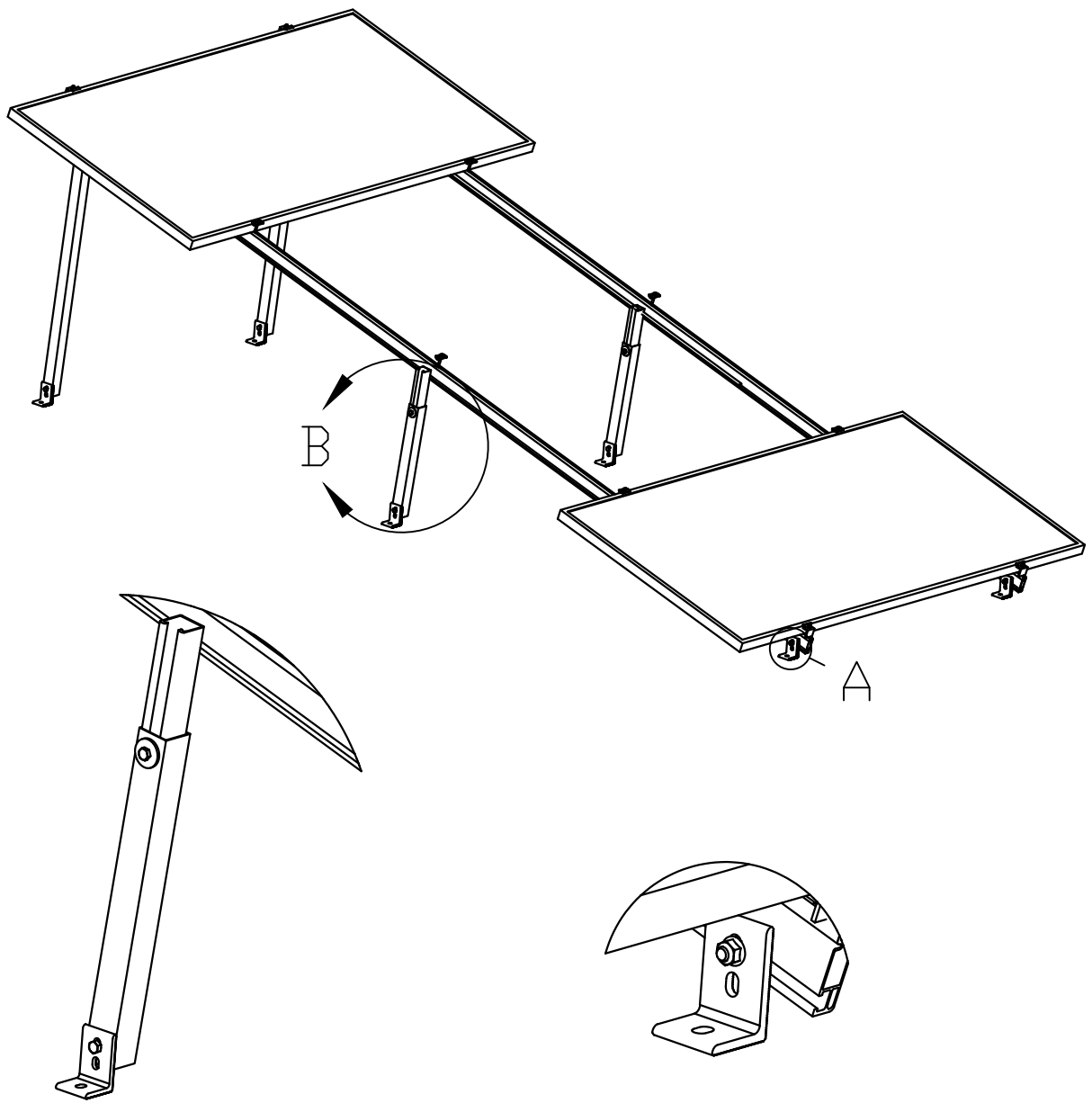
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY ONE
OR MORE US PATENTS

LEGAL NOTICE

SM-A04

SHEET



DETAIL B - REAR TILT LEG

DETAIL A - L FOOT



1411 BROADWAY BLVD NE
ALBUQUERQUE, NM 87102 USA

WWW.UNIRAC.COM

PRODUCT LINE: SOLARMOUNT

DRAWING TYPE: ASSEMBLY

DESCRIPTION: HIGH PROFILE TILT

REVISION DATE: APRIL 2016

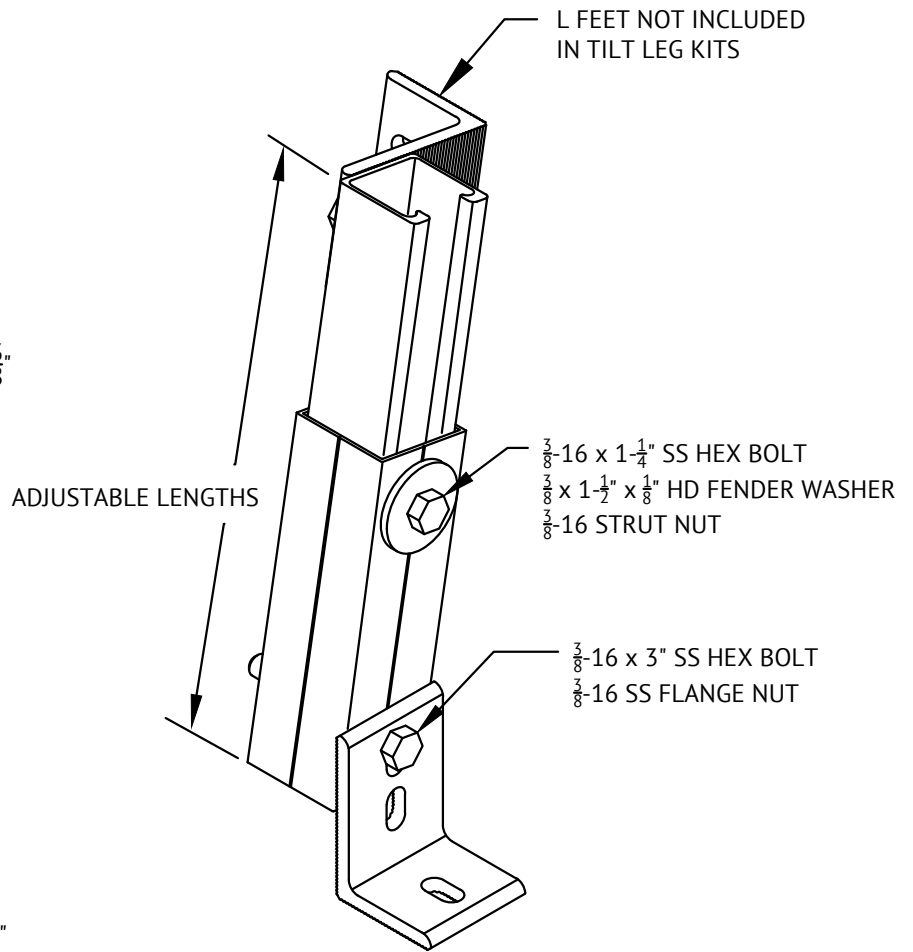
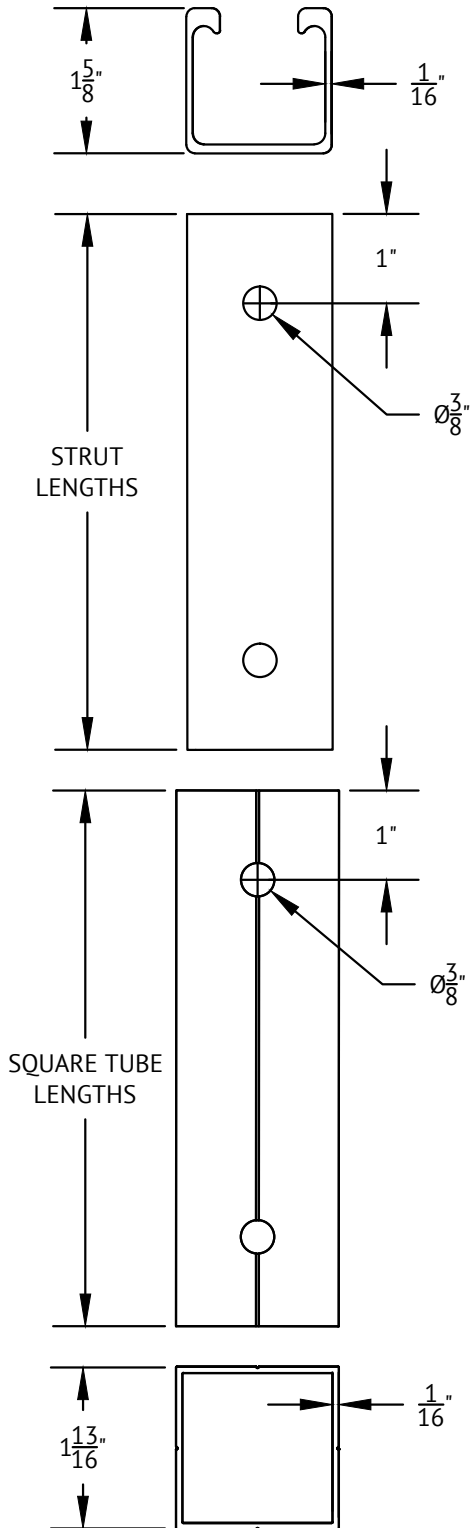
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY ONE
OR MORE US PATENTS

LEGAL NOTICE

SM-A05

SHEET



TILT LEG LENGTHS

TOTAL ADJUSTABLE LENGTHS	SQUARE TUBE	STRUT
8" to 12"	8"	8"
18" to 30"	18"	18"
26" to 44"	26"	26"
40" to 72"	40"	40"



1411 BROADWAY BLVD NE
ALBUQUERQUE, NM 87102 USA

WWW.UNIRAC.COM

PRODUCT LINE: SOLARMOUNT TILT

DRAWING TYPE: ASSEMBLY

DESCRIPTION: ADJUSTABLE TILT LEG

REVISION DATE: APRIL 2016

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

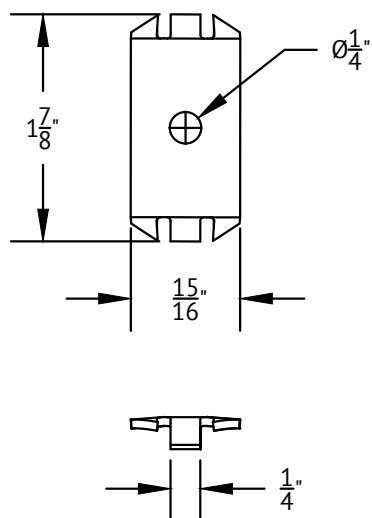
PRODUCT PROTECTED BY ONE
OR MORE US PATENTS

LEGAL NOTICE

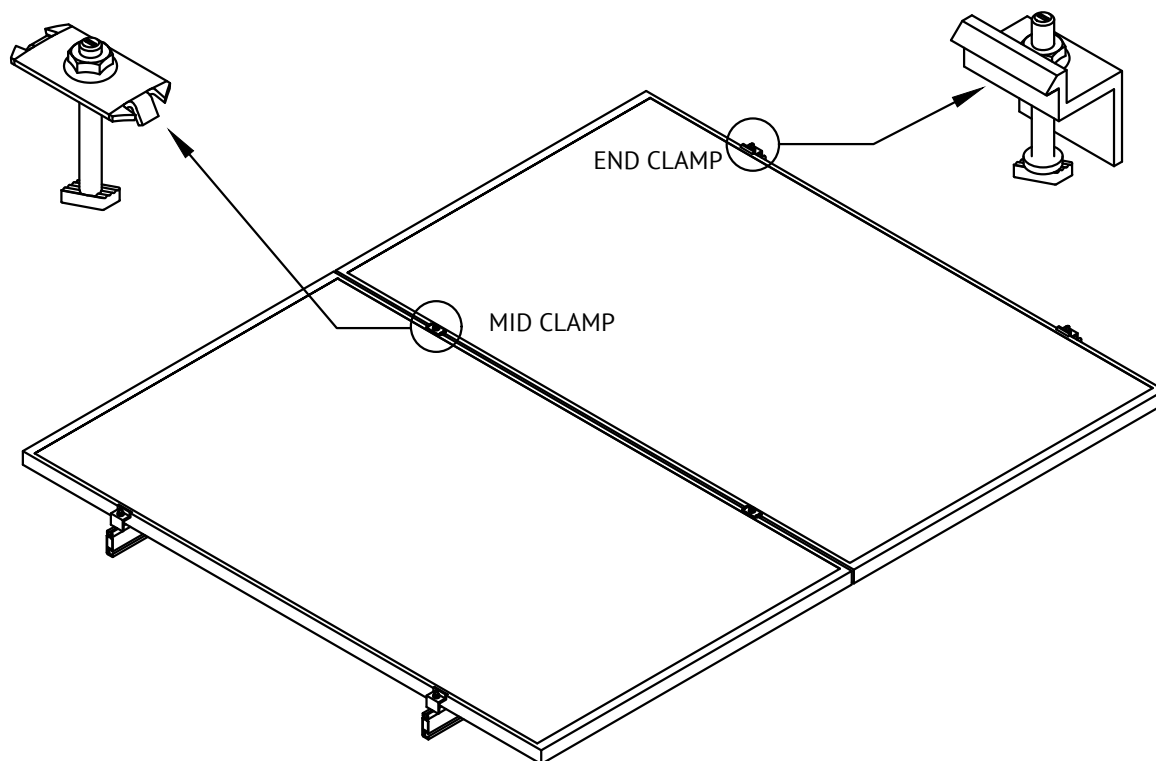
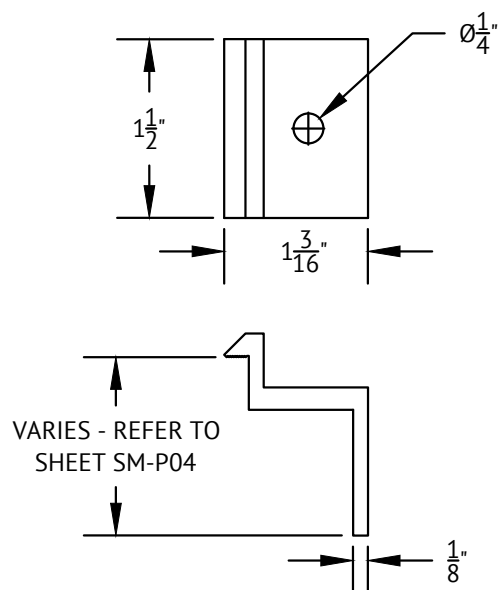
SM-A06

SHEET

BONDING SM MID CLAMP



BONDING SM END CLAMP



1411 BROADWAY BLVD NE
ALBUQUERQUE, NM 87102 USA

WWW.UNIRAC.COM

PRODUCT LINE: SOLARMOUNT

DRAWING TYPE: PART & ASSEMBLY

DESCRIPTION: BONDING TOP CLAMPS

REVISION DATE: APRIL 2016

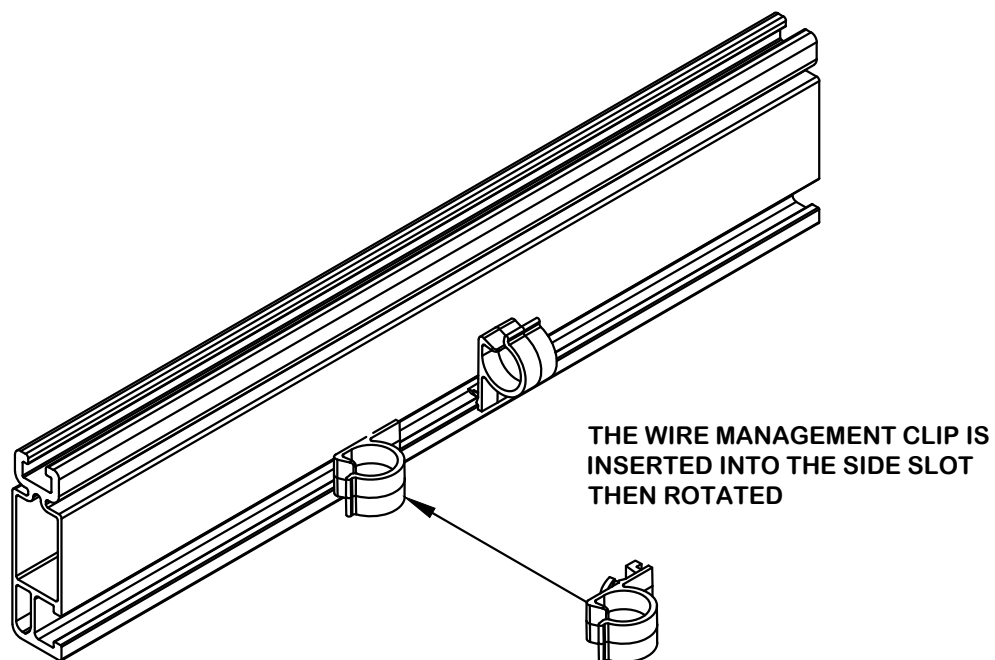
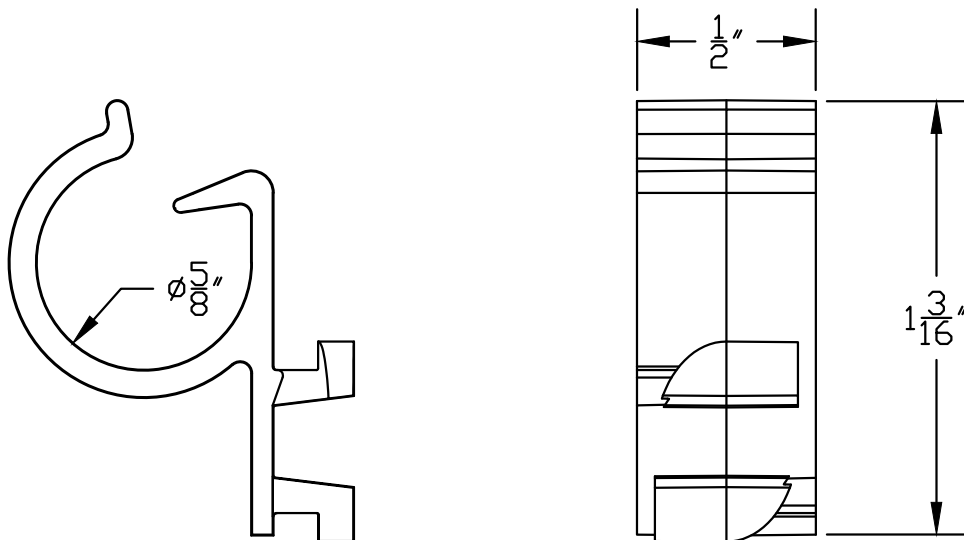
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY ONE
OR MORE US PATENTS

LEGAL NOTICE

SM-A07

SHEET



1411 BROADWAY BLVD NE
ALBUQUERQUE, NM 87102 USA

WWW.UNIRAC.COM

PRODUCT LINE:	SOLARMOUNT
DRAWING TYPE:	ASSEMBLY
DESCRIPTION:	SM WIRE MGMT CLIP
REVISION DATE:	APRIL 2016

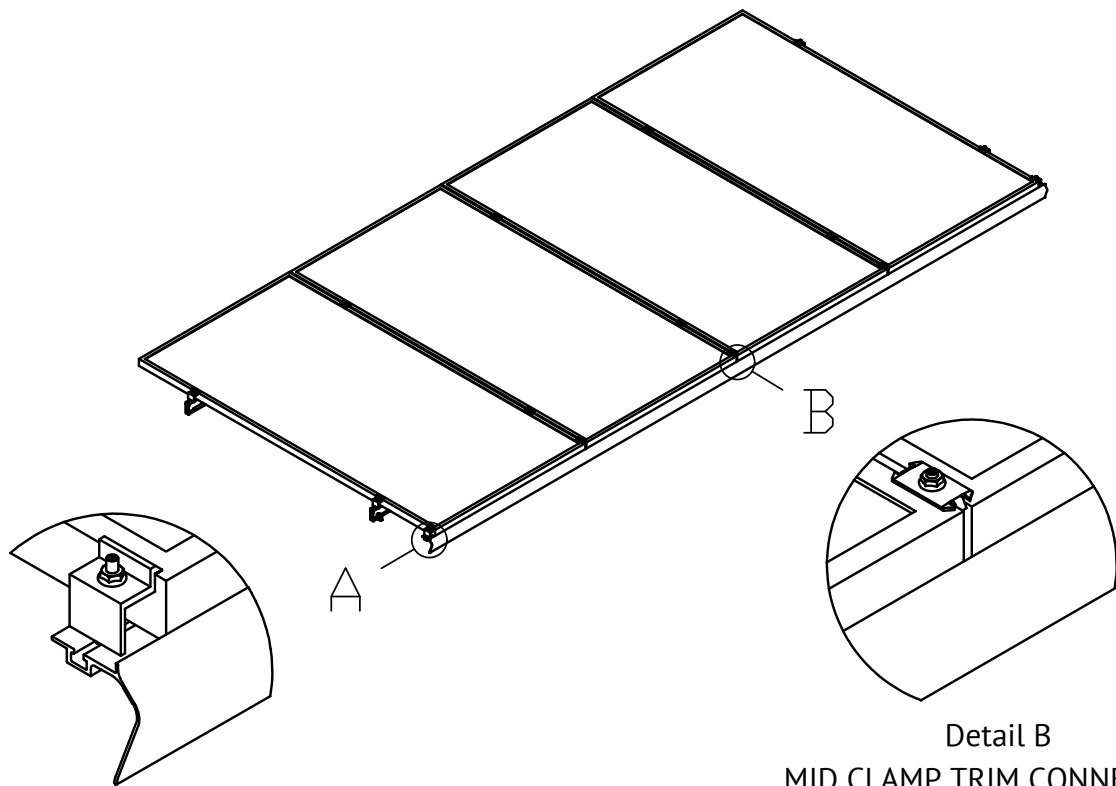
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY ONE
OR MORE US PATENTS

LEGAL NOTICE

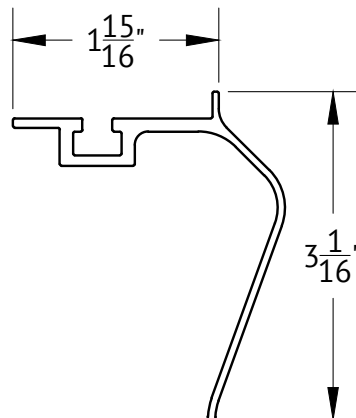
SM-A08

SHEET



Detail A
END CLAMP TRIM CONNECTION

Detail B
MID CLAMP TRIM CONNECTION



1411 BROADWAY BLVD NE
ALBUQUERQUE, NM 87102 USA

WWW.UNIRAC.COM

PRODUCT LINE: SOLARMOUNT

DRAWING TYPE: ASSEMBLY

DESCRIPTION: SM TRIM

REVISION DATE: MAY 2016

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY ONE
OR MORE US PATENTS

LEGAL NOTICE

SM-A09

SHEET