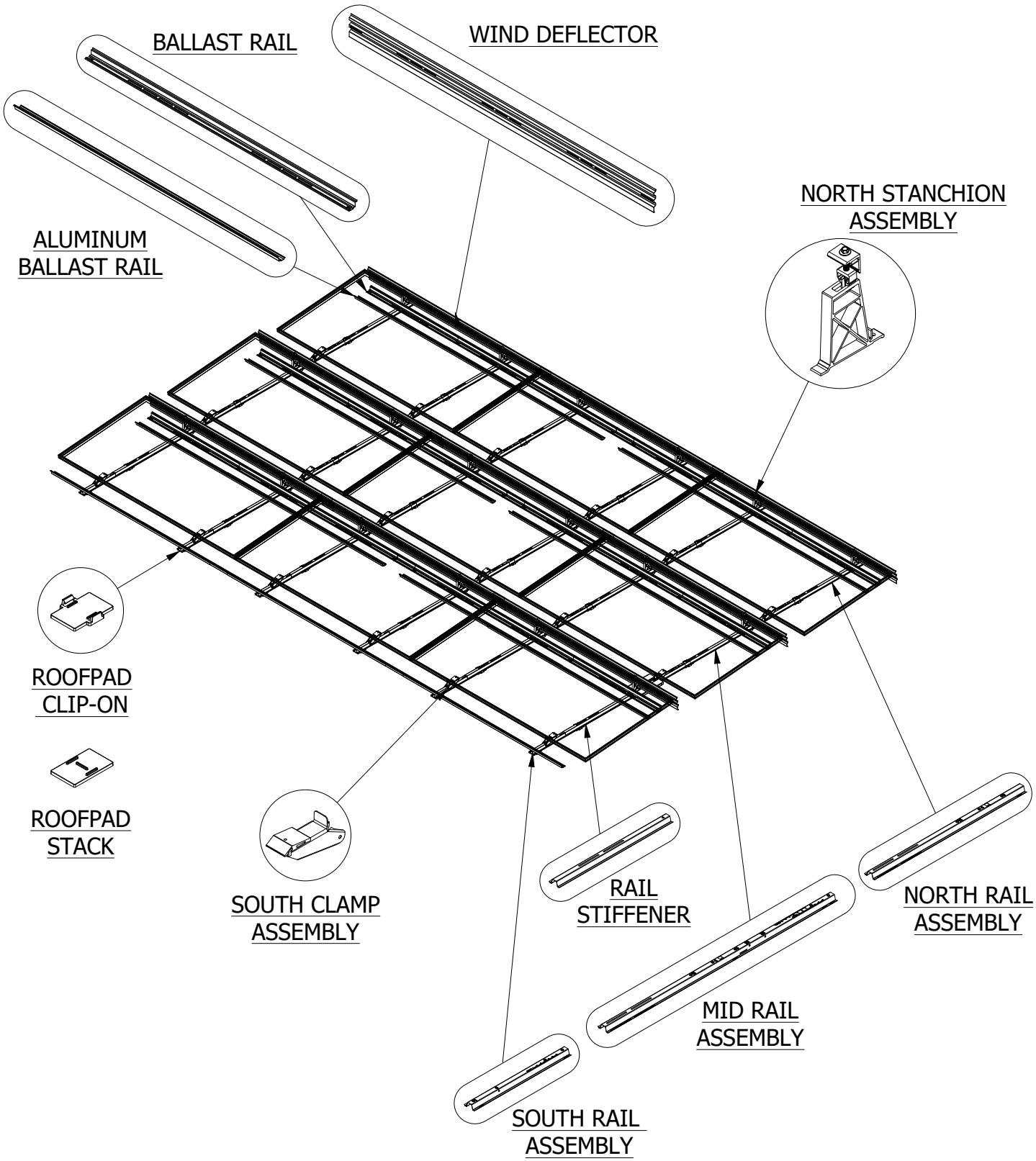


UNIRAC
1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	MODULE ASSEMBLY
REVISION DATE:	4/13/2026

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

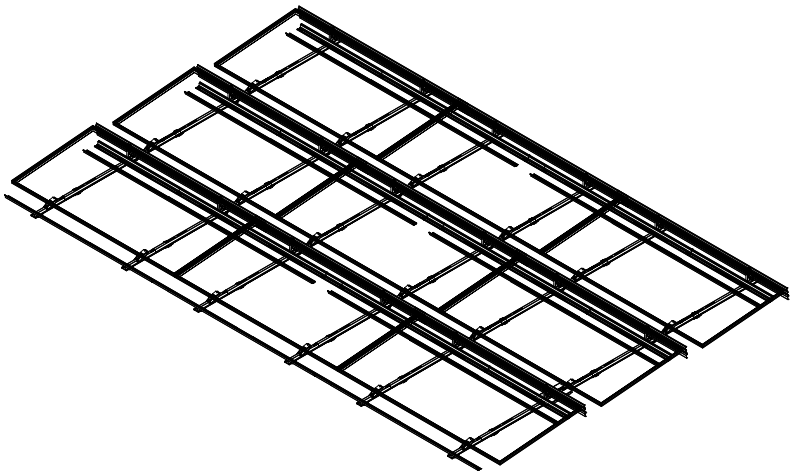
PRODUCT PROTECTED BY ONE OR MORE US PATENTS

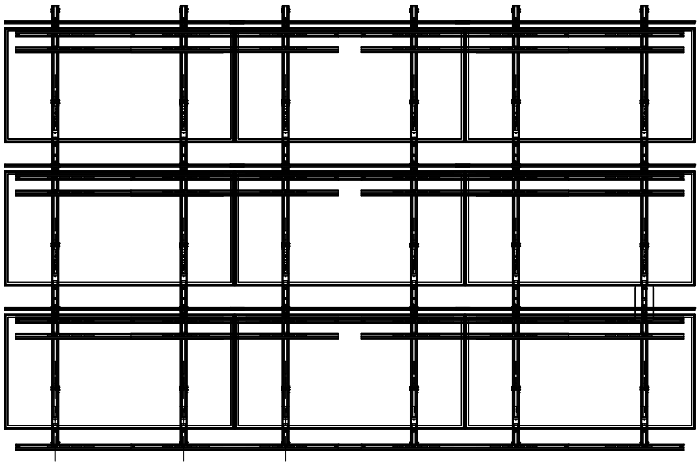
LEGAL NOTICE

GFX5D-01

SHEET

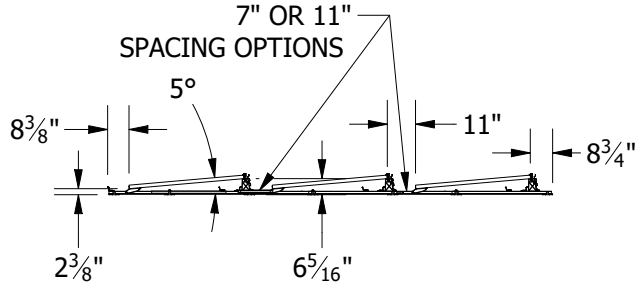
NOTE:
1. ARRAY DIMENSIONS WILL VARY BASED ON MODULE SIZE AND SPACING.





TOP

FRONT



RIGHT SIDE

UNIRAC
1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

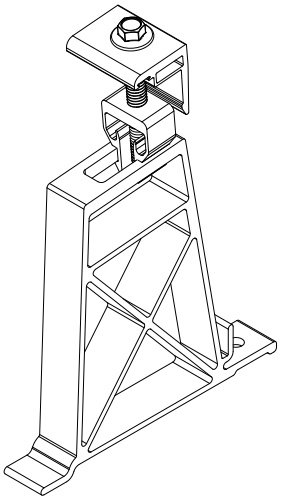
PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	MODULE ASSEMBLY
REVISION DATE:	4/13/2026

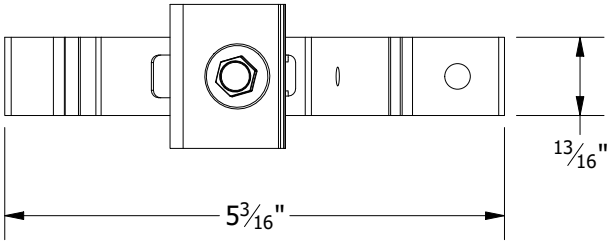
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

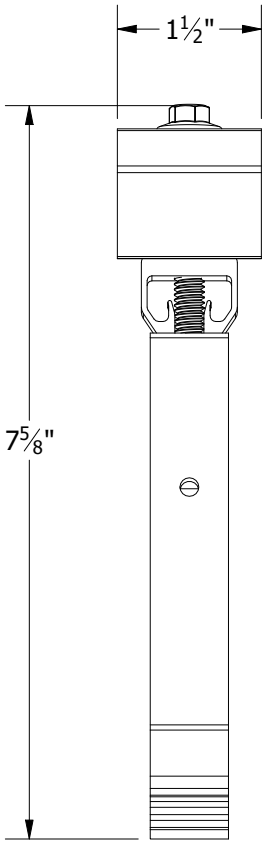
PRODUCT PROTECTED BY ONE OR MORE US PATENTS
LEGAL NOTICE

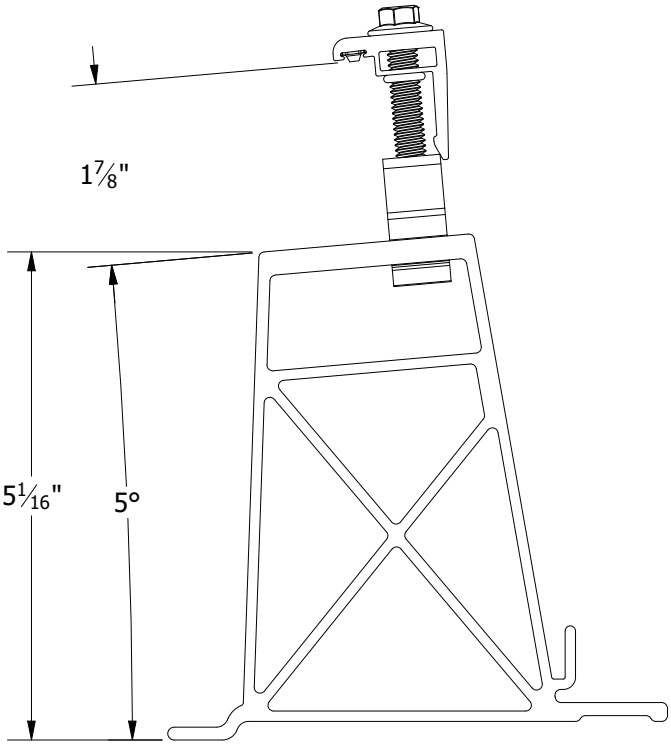
GFX5D-02
SHEET

PARTS LIST	
P/N -US	DESCRIPTION
381601-US	GFX5D NORTH STANCHION









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ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	NORTH STANCION
REVISION DATE:	4/13/2026

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

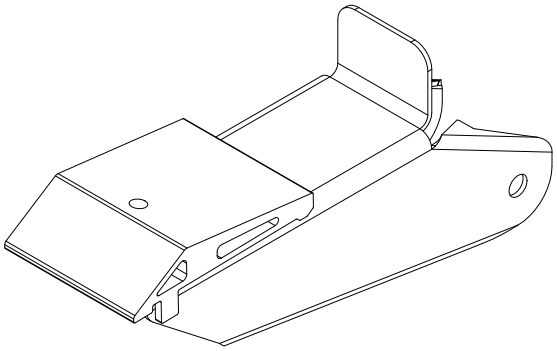
PRODUCT PROTECTED BY ONE OR MORE US PATENTS

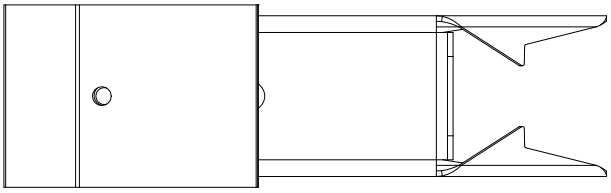
LEGAL NOTICE

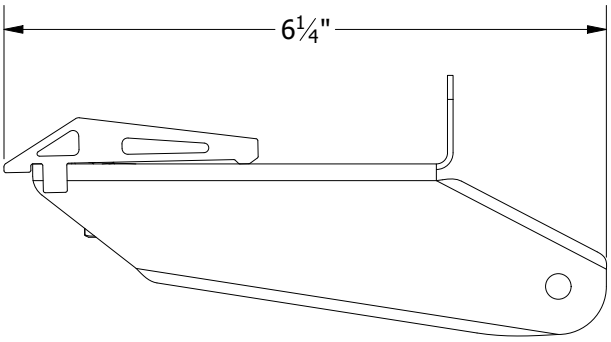
GFX5D-03

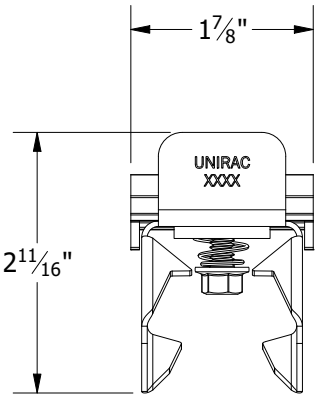
SHEET

PARTS LIST	
P/N -US	DESCRIPTION
380701-US	GFX5D SOUTH CLAMP









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1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	SOUTH CLAMP ASSEMBLY
REVISION DATE:	4/13/2026

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

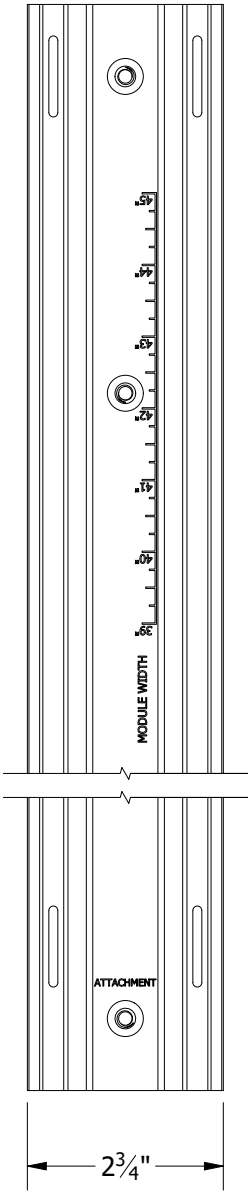
PRODUCT PROTECTED BY ONE OR MORE US PATENTS

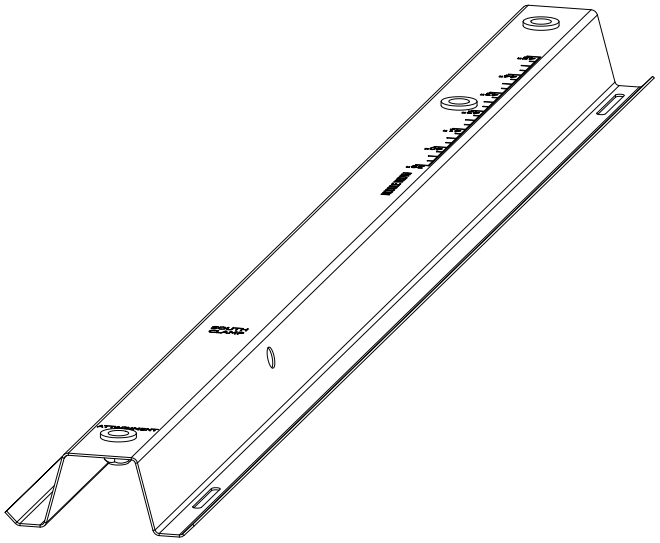
LEGAL NOTICE

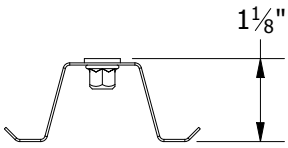
GFX5D-04

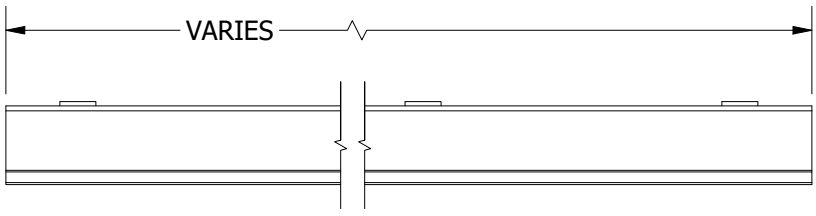
SHEET

PARTS LIST	
P/N -US	DESCRIPTION
381010-US	GFX5D SOUTH RAIL, MW 39-45", RS 7/11"
381020-US	GFX5D SOUTH RAIL, MW 45-52", RS 7/11"









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1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	SOUTH RAIL
REVISION DATE:	4/13/2026

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

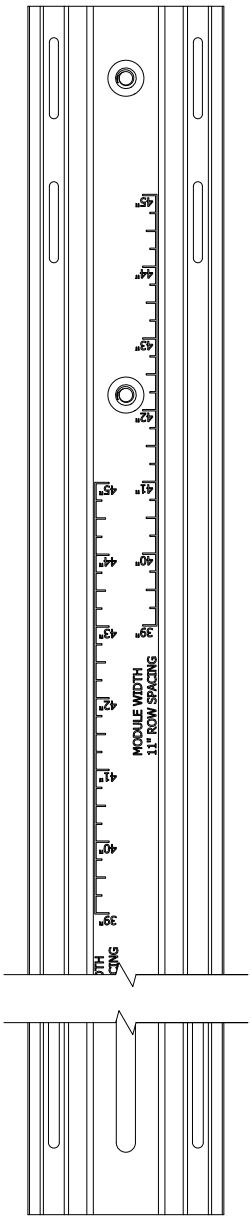
PRODUCT PROTECTED BY ONE OR MORE US PATENTS

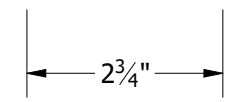
LEGAL NOTICE

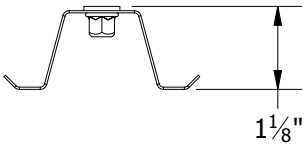
GFX5D-05

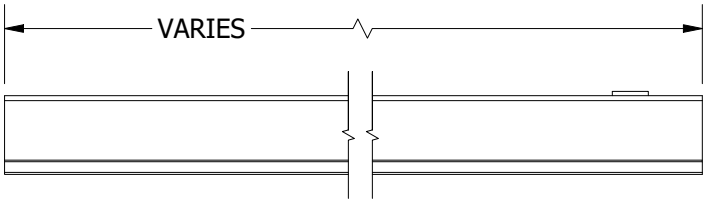
SHEET

PARTS LIST	
P/N -US	DESCRIPTION
381100-US	GFX5D MID RAIL, MW 39-45", RS 7/11"
381110-US	GFX5D MID RAIL, MW 45-52", RS 7/11"









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ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
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PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	MID RAIL
REVISION DATE:	4/13/2026

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

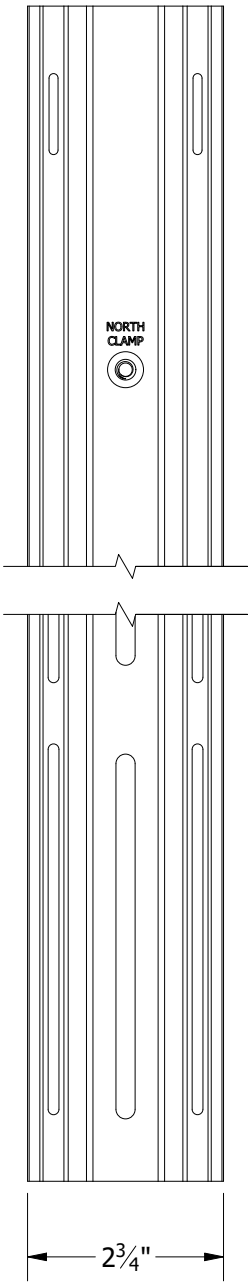
PRODUCT PROTECTED BY ONE OR MORE US PATENTS

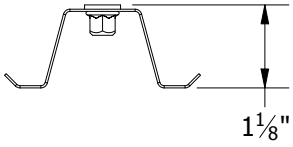
LEGAL NOTICE

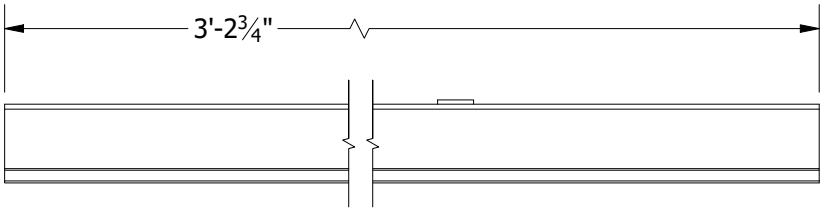
GFX5D-06

SHEET

PARTS LIST	
P/N -US	DESCRIPTION
381200-US	GFX5D NORTH RAIL, MW 39-52", RS 7/11"







UNIRAC
1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

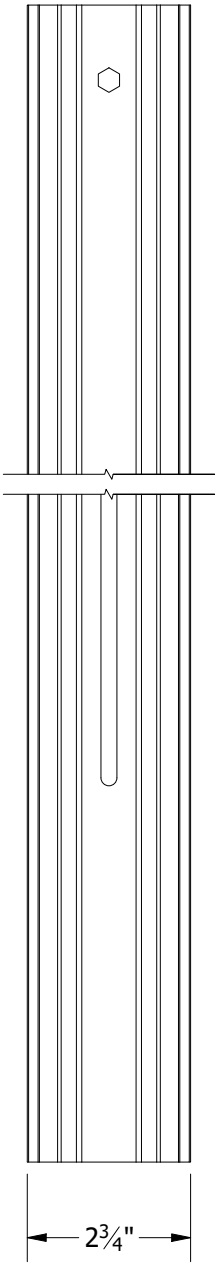
PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	NORTH RAIL
REVISION DATE:	4/13/2026

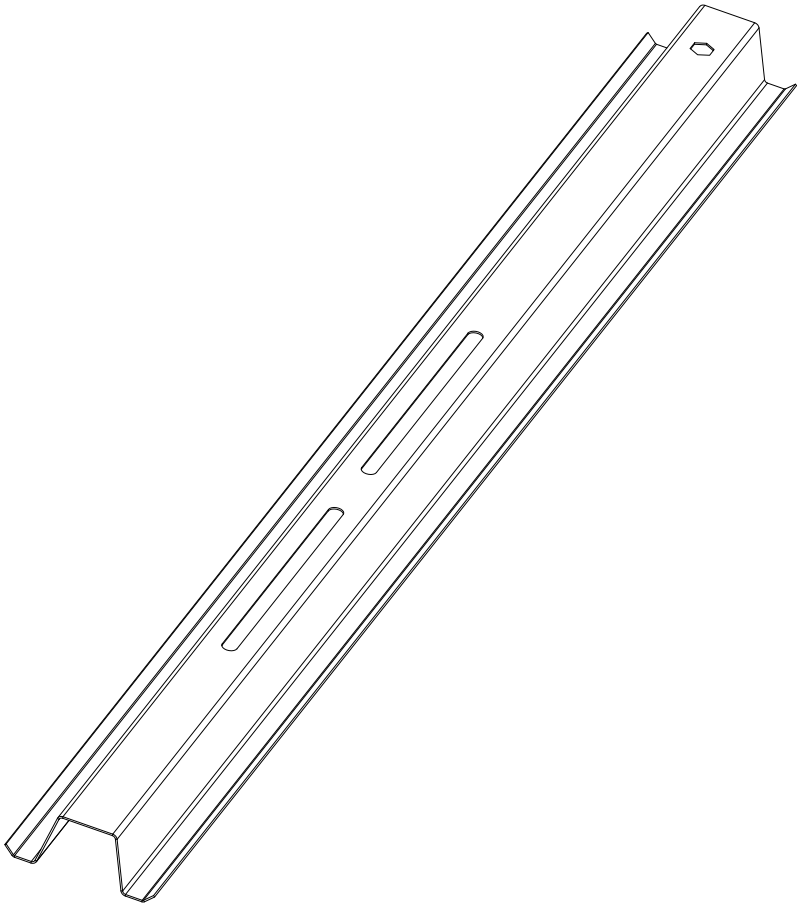
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

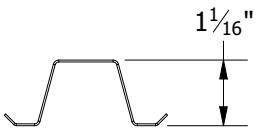
PRODUCT PROTECTED BY ONE OR MORE US PATENTS
LEGAL NOTICE

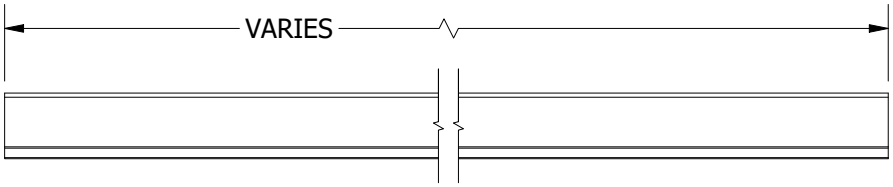
GFX5D-07
SHEET

PARTS LIST	
P/N -US	DESCRIPTION
381050-US	GFX5D RAIL STIFFENER, MW 39-45"
381051-US	GFX5D RAIL STIFFENER, MW 45-52"









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ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	SOUTH RAIL STIFFENER
REVISION DATE:	4/13/2026

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

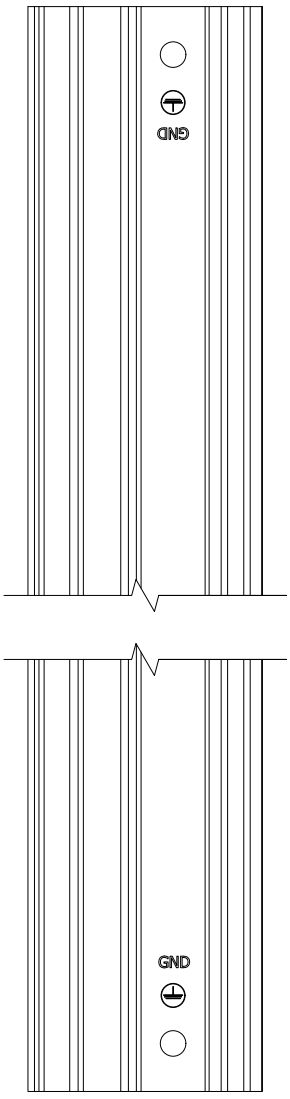
PRODUCT PROTECTED BY ONE OR MORE US PATENTS

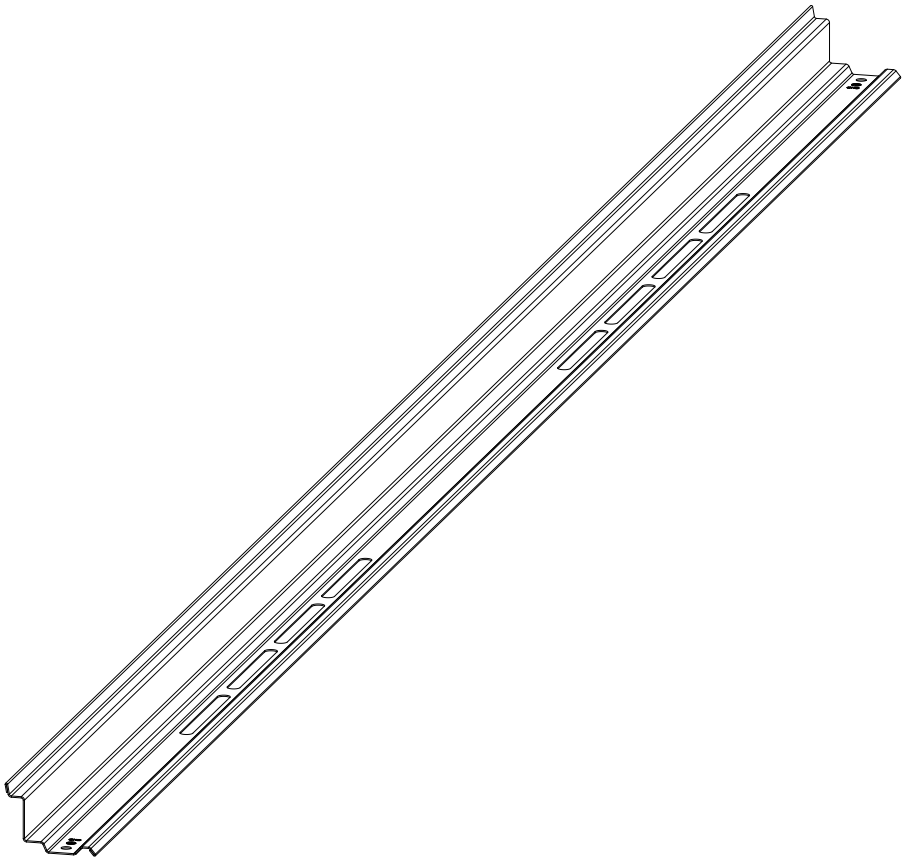
LEGAL NOTICE

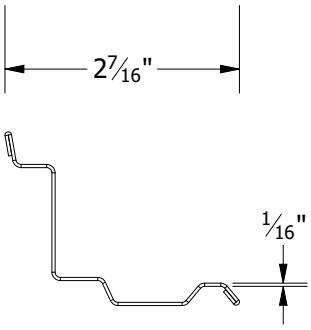
GFX5D-08

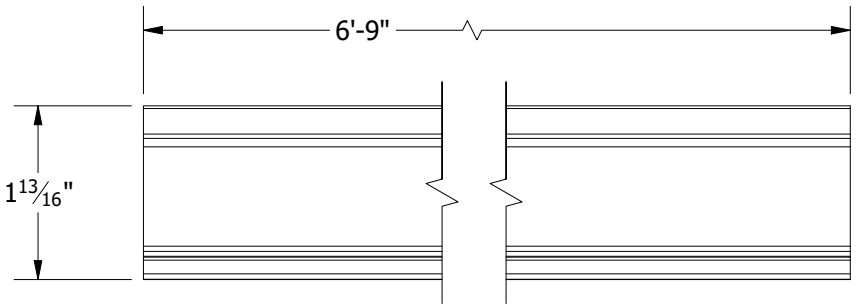
SHEET

PARTS LIST	
P/N -US	DESCRIPTION
380302-US	GFXD BALLAST RAIL









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1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	BALLAST RAIL
REVISION DATE:	4/13/2026

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

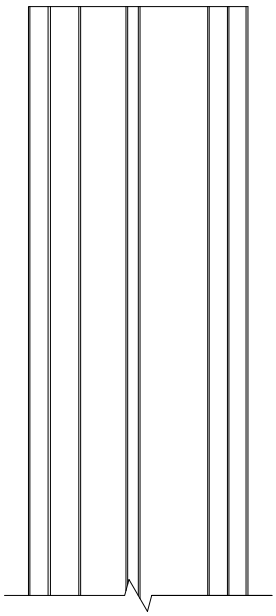
PRODUCT PROTECTED BY ONE OR MORE US PATENTS

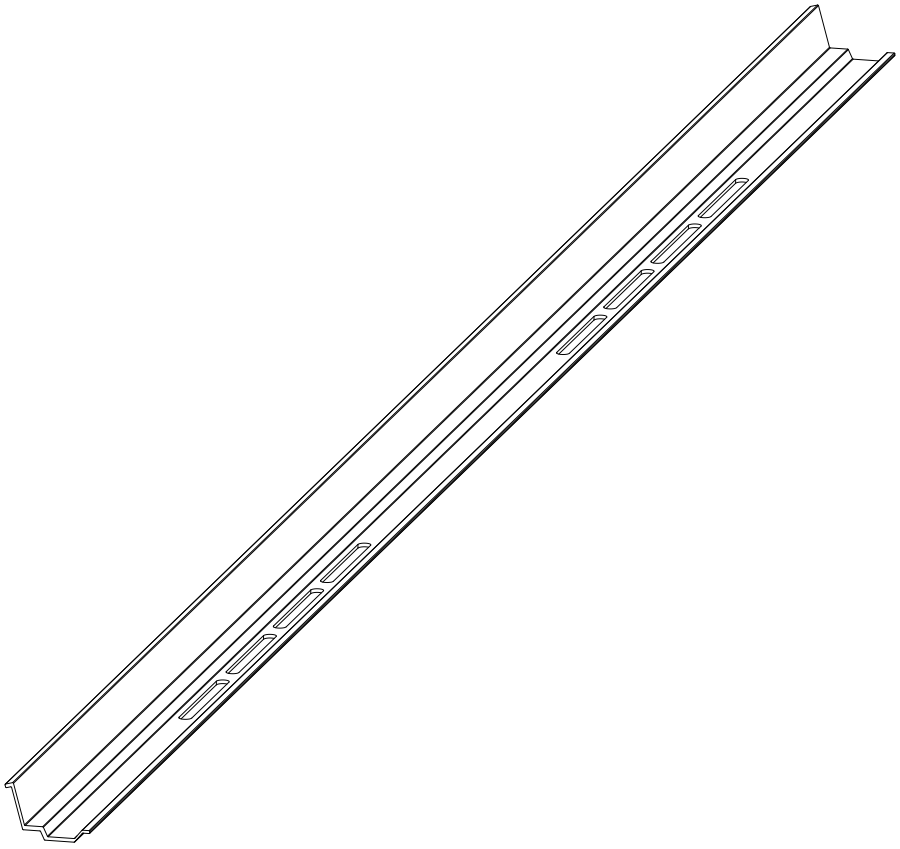
LEGAL NOTICE

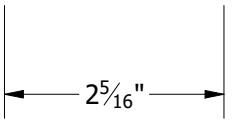
GFX5D-09

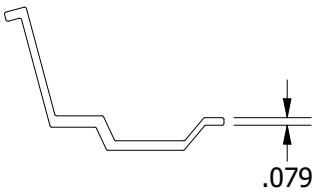
SHEET

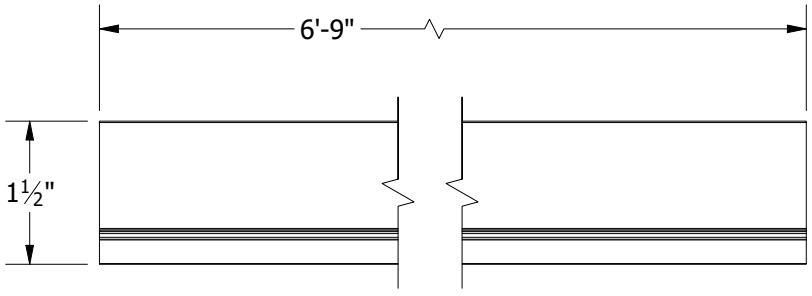
PARTS LIST	
P/N -US	DESCRIPTION
380305-US	GFXD AL BALLAST RAIL











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1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	BALLAST RAIL
REVISION DATE:	4/13/2026

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

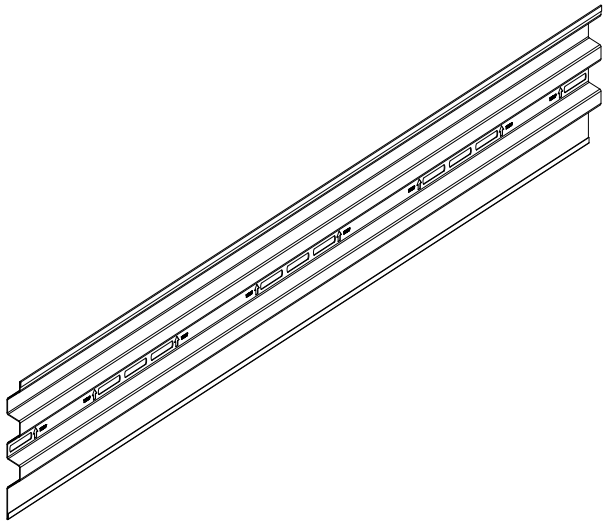
PRODUCT PROTECTED BY ONE OR MORE US PATENTS

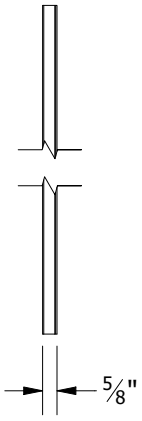
LEGAL NOTICE

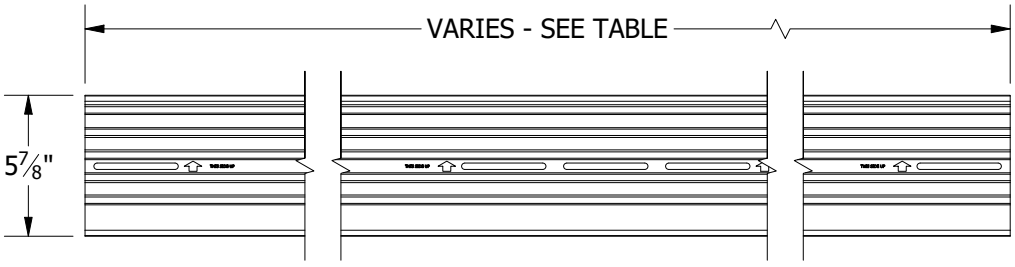
GFX5D-10

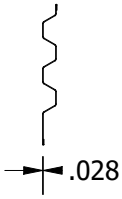
SHEET

PARTS LIST		
P/N -US	DESCRIPTION	LENGTH
381400-US	GFX5D WIND DEFLECTOR, 65" - 69"	70.5"
381401-US	GFX5D WIND DEFLECTOR, 69" - 73"	74.5"
381402-US	GFX5D WIND DEFLECTOR, 73" - 77"	78.5"
381410-US	GFX5D WIND DEFLECTOR, 77" - 82"	83.5"
381420-US	GFX5D WIND DEFLECTOR, 82" - 87"	88.5"
381430-US	GFX5D WIND DEFLECTOR, 87" - 92"	93.5"
381440-US	GFX5D WIND DEFLECTOR, 92" - 97"	98.5"
381450-US	GFX5D WIND DEFLECTOR, 97" - 100"	101.5"









UNIRAC
1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

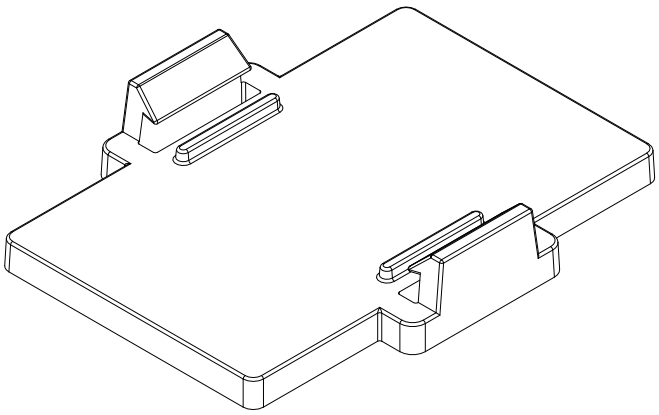
PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	WIND DEFLECTOR
REVISION DATE:	4/13/2026

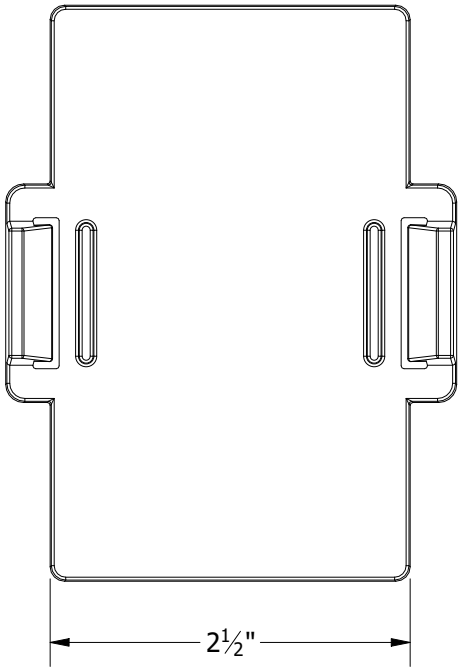
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

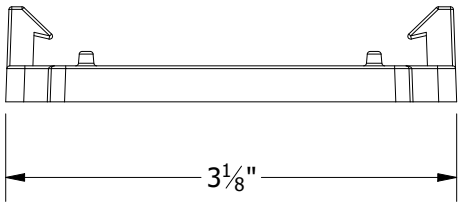
PRODUCT PROTECTED BY ONE OR MORE US PATENTS
LEGAL NOTICE

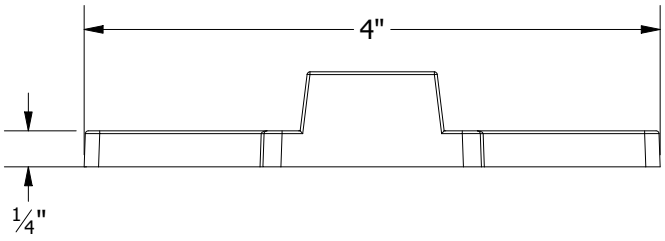
GFX5D-11
SHEET

PARTS LIST	
P/N -US	DESCRIPTION
380802-US	GFXD ROOF PAD - CLIP-ON









UNIRAC
1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

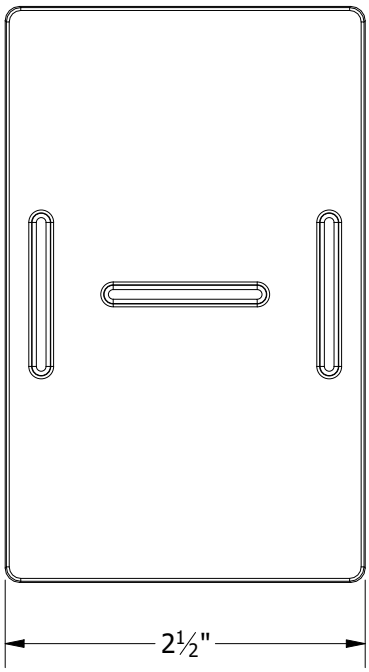
PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	CLIP-ON ROOF PAD
REVISION DATE:	4/13/2026

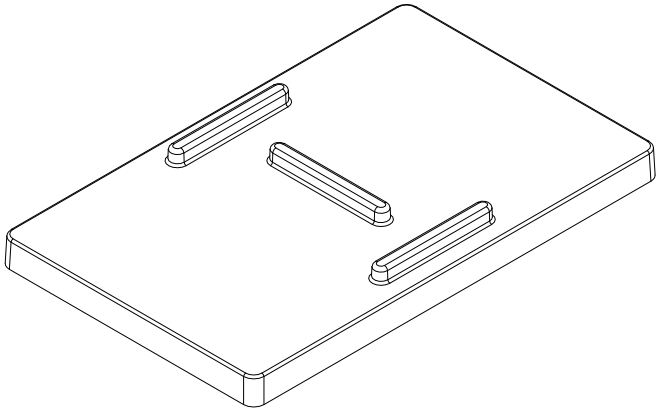
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

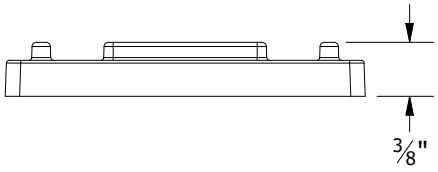
PRODUCT PROTECTED BY ONE OR MORE US PATENTS
LEGAL NOTICE

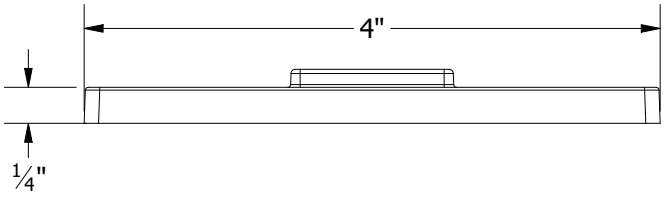
GFX5D-12
SHEET

PARTS LIST	
P/N -US	DESCRIPTION
380800-US	GFXD ROOF PAD - STACK









UNIRAC
1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

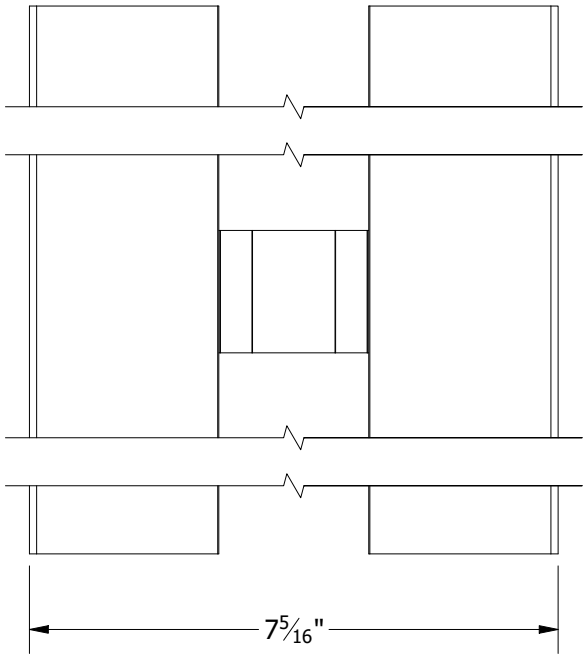
PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	ROOF PAD STACK
REVISION DATE:	4/13/2026

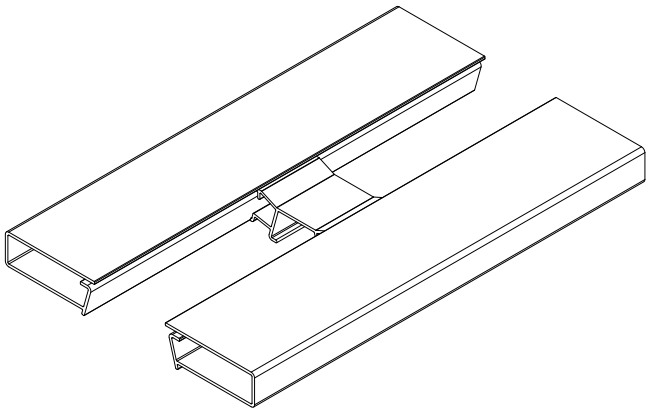
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

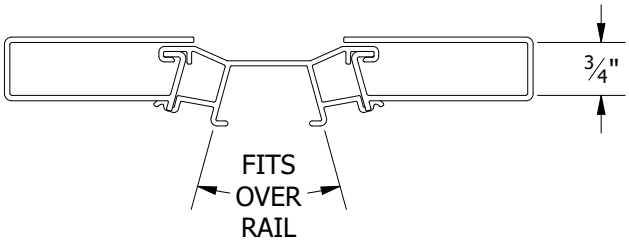
PRODUCT PROTECTED BY ONE OR MORE US PATENTS
LEGAL NOTICE

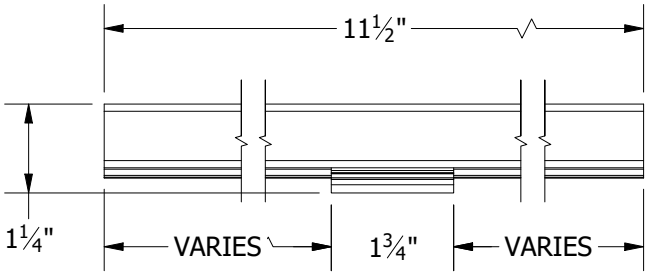
GFX5D-13
SHEET

PARTS LIST	
P/N	DESCRIPTION
381920	GFX5D WIRE MGMT H/R









UNIRAC
1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

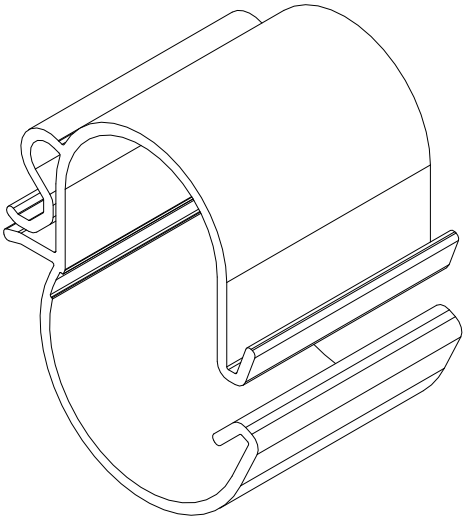
PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	HOMERUN COVER
REVISION DATE:	4/13/2026

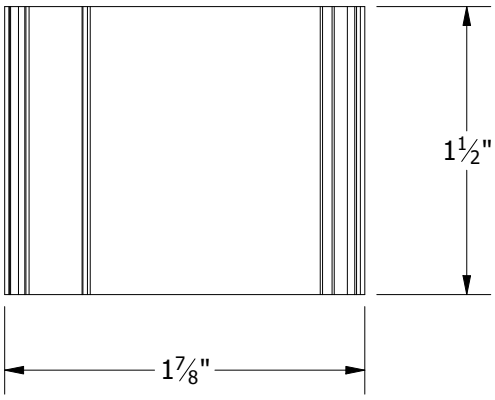
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

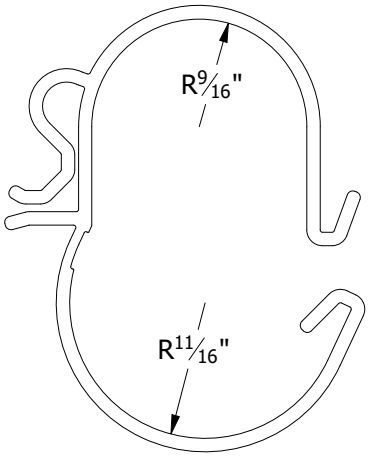
PRODUCT PROTECTED BY ONE OR MORE US PATENTS
LEGAL NOTICE

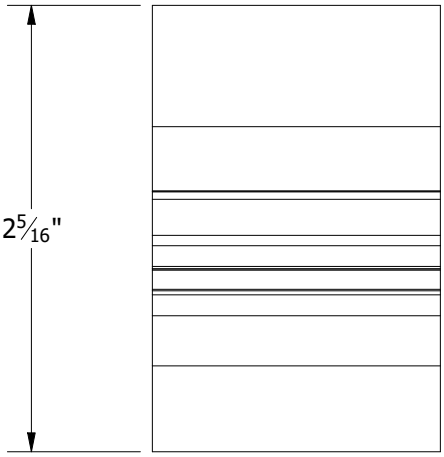
GFX5D-14
SHEET

PARTS LIST	
P/N	DESCRIPTION
380902	GFXD WIRE MANAGEMENT CLIP









UNIRAC
1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	WIRE MANAGEMENT CLIP
REVISION DATE:	4/13/2026

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

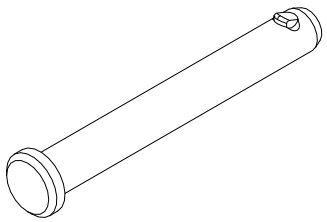
PRODUCT PROTECTED BY ONE OR MORE US PATENTS

LEGAL NOTICE

GFX5D-15

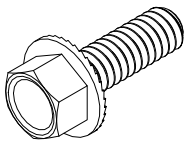
SHEET

PARTS LIST	
P/N	DESCRIPTION
380930	GFXD HARDWARE KIT



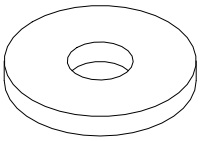
SELF-LOCKING CLEVIS PIN 1/4 IN DIA

20 EACH



BOLT,SERR FLNG HEX,1/4"-20

100 EACH



FLAT WASHER 5/16" ID

40 EACH

UNIRAC

1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	HARDWARE KIT
REVISION DATE:	4/13/2026

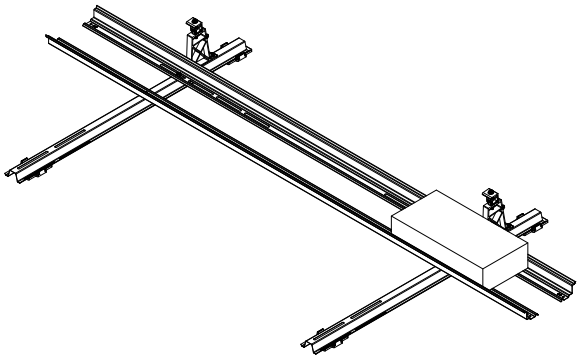
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY ONE OR MORE US PATENTS

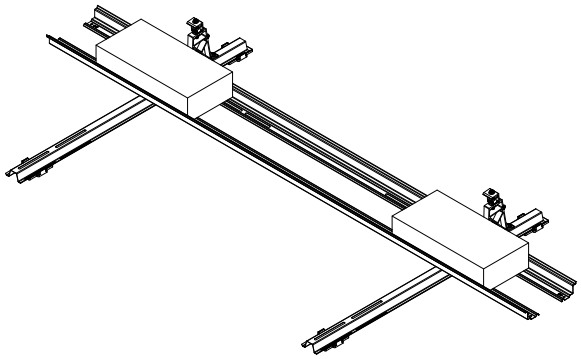
LEGAL NOTICE

GFX5D-16

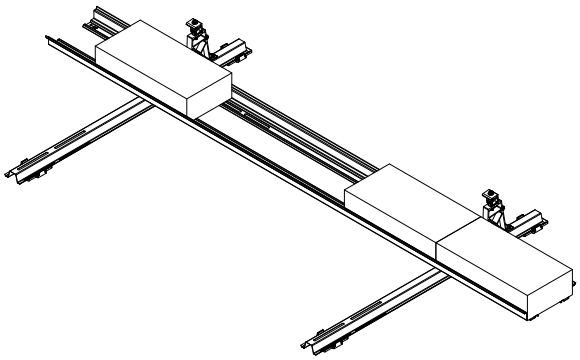
SHEET



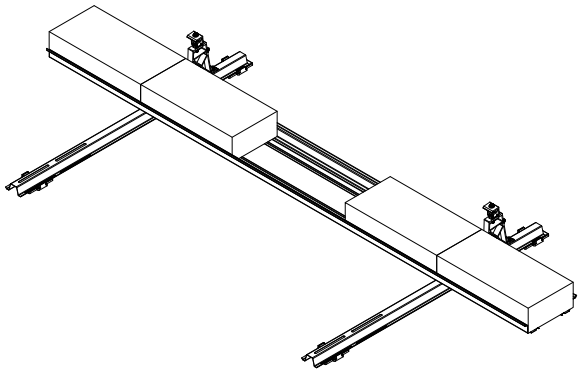
1 BLOCK



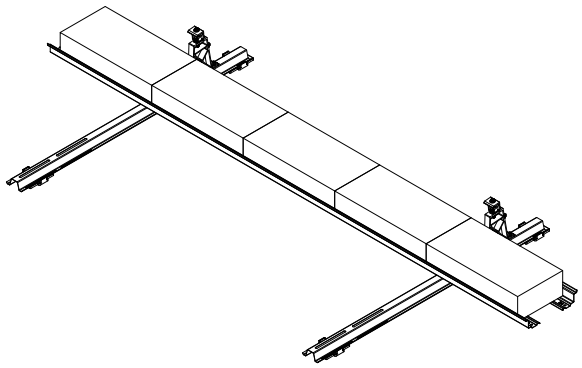
2 BLOCK



3 BLOCK



4 BLOCK



5 BLOCK

UNIRAC

1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	CONFIGURATION - 1 TO 5 BLOCKS
REVISION DATE:	4/13/2026

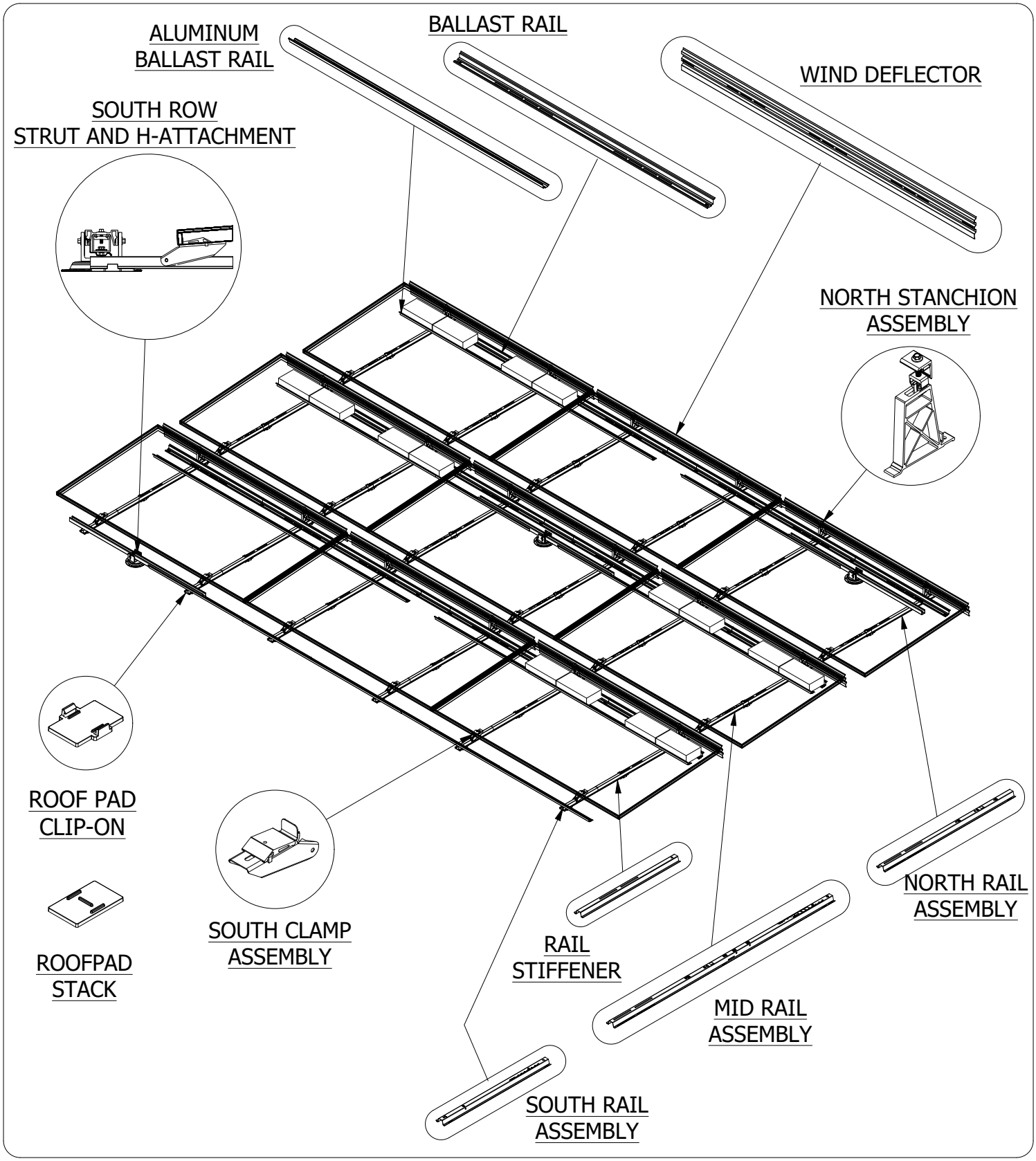
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY ONE OR MORE US PATENTS

LEGAL NOTICE

GFX5D-17

SHEET



UNIRAC
1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	MODULE ASSEMBLY
REVISION DATE:	4/13/2026

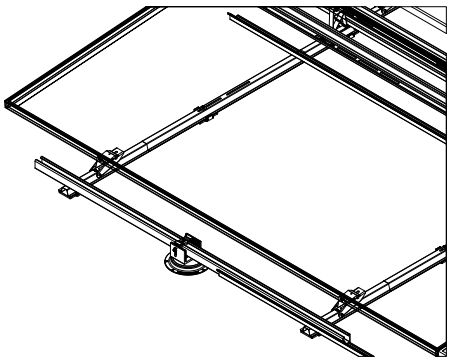
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY ONE OR MORE US PATENTS

LEGAL NOTICE

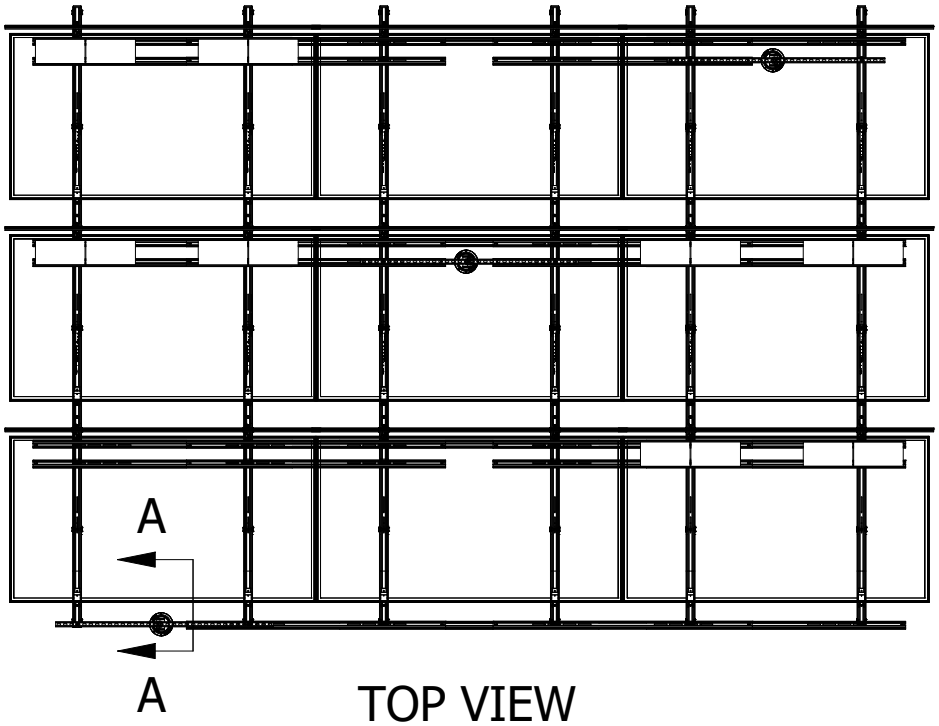
GFX5D-18

SHEET



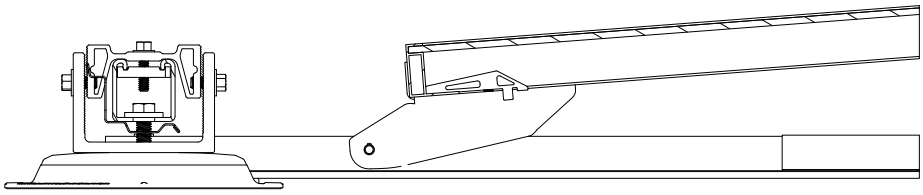
OBLIQUE VIEW

SCALE 1/30



TOP VIEW

SCALE 1 / 60



SECTION A-A

SCALE 1/5

UNIRAC

1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	SOUTH ROW ATTACHMENT
REVISION DATE:	4/13/2026

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

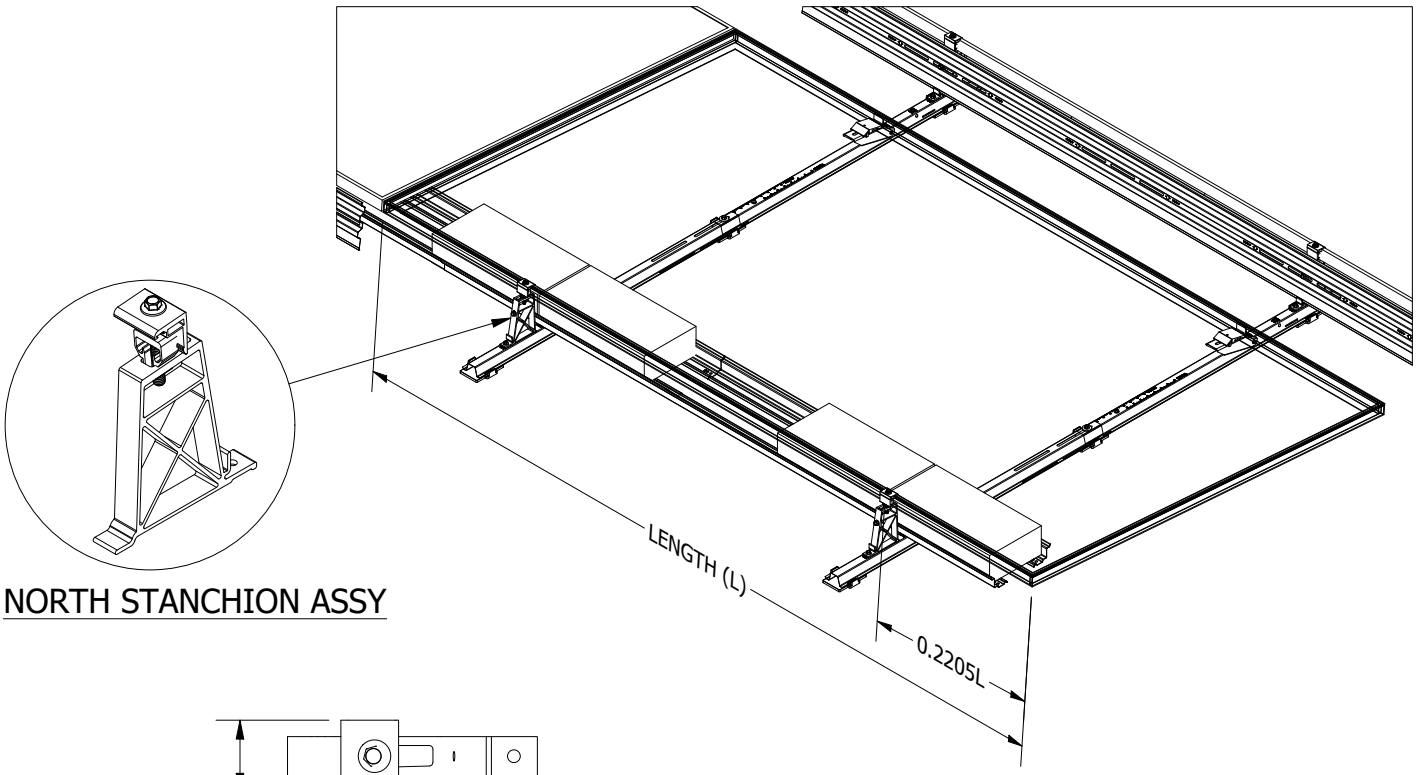
PRODUCT PROTECTED BY ONE OR MORE US PATENTS

LEGAL NOTICE

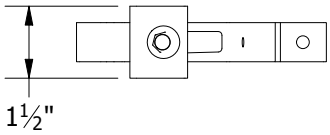
GFX5D-19

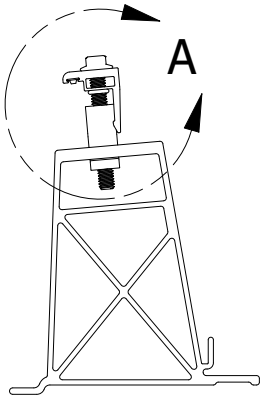
SHEET

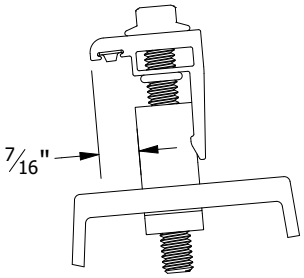
PARTS LIST	
P/N -US	DESCRIPTION
381601-US	GFX5D NORTH STANCHION



NORTH STANCHION ASSY







DETAIL A
SCALE 1/2

UNIRAC
1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

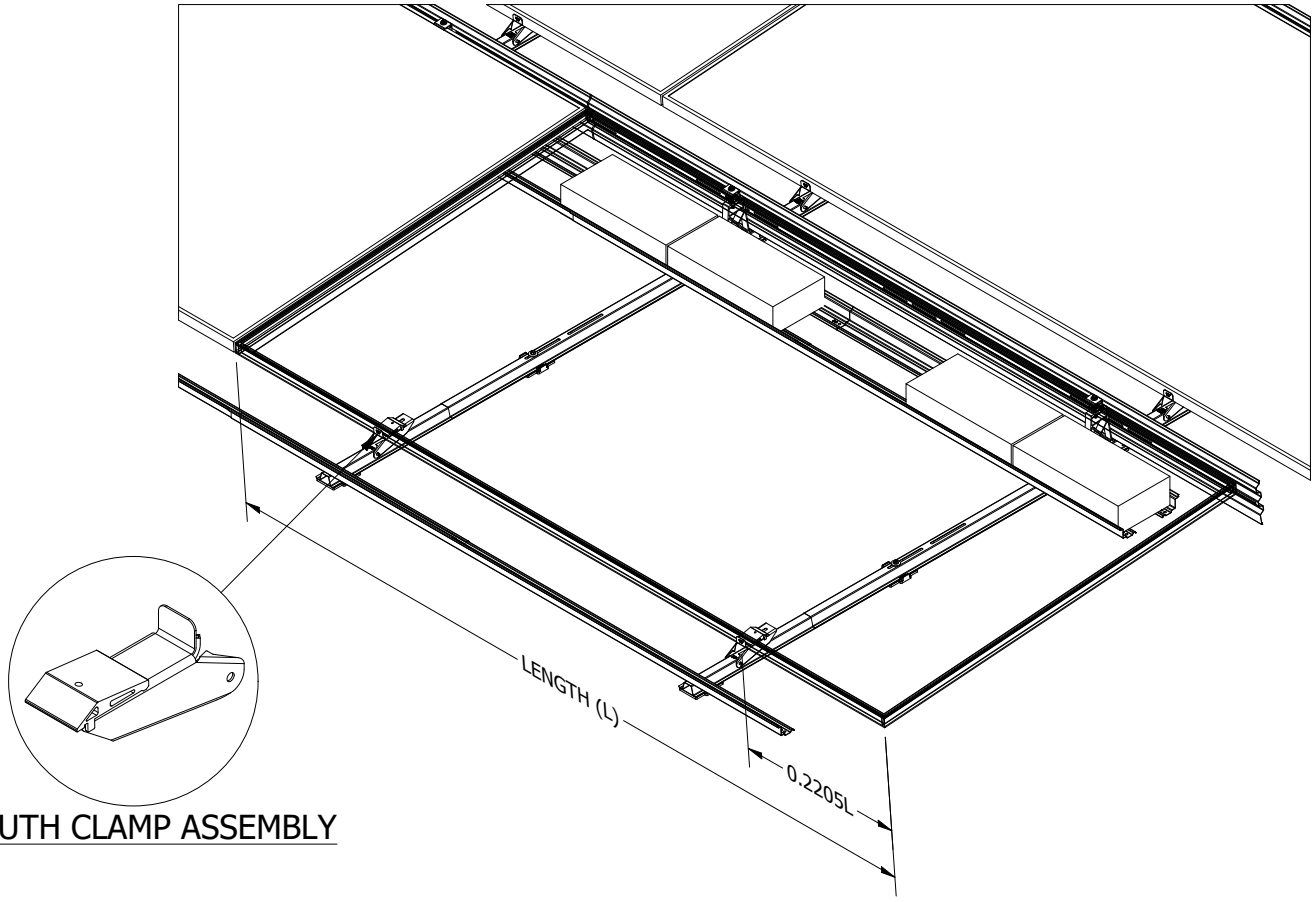
PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	NORTH STANCHION LOCATION
REVISION DATE:	4/13/2026

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

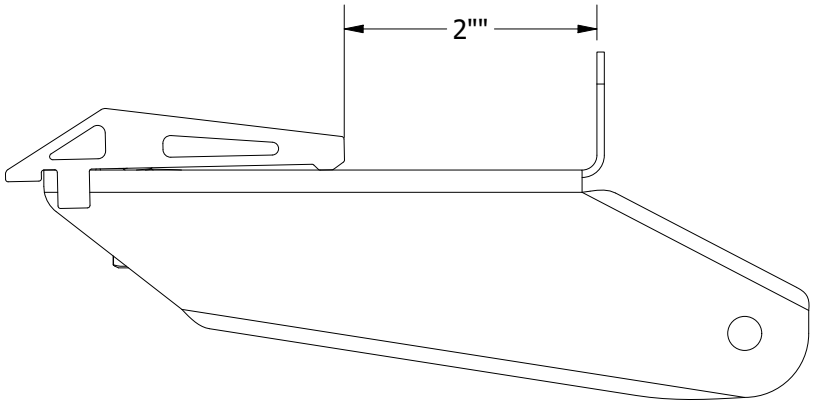
PRODUCT PROTECTED BY ONE OR MORE US PATENTS
LEGAL NOTICE

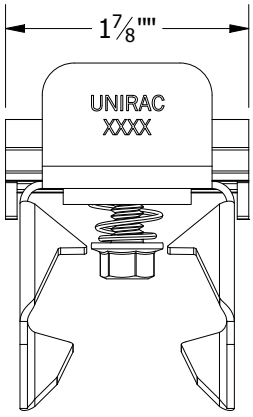
GFX5D-20
SHEET

PARTS LIST	
P/N -US	DESCRIPTION
380701-US	GFX5D SOUTH CLAMP



SOUTH CLAMP ASSEMBLY





UNIRAC
1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

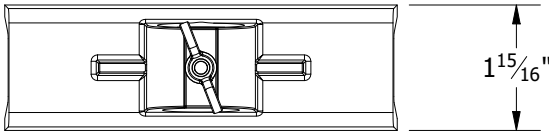
PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	SOUTH CLAMP LOCATION
REVISION DATE:	4/13/2026

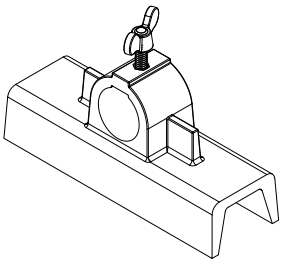
DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

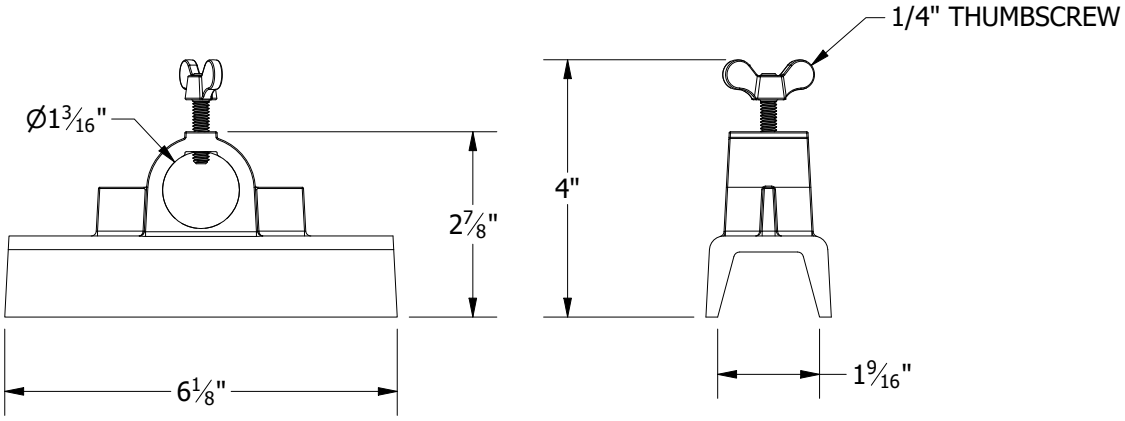
PRODUCT PROTECTED BY ONE OR MORE US PATENTS
LEGAL NOTICE

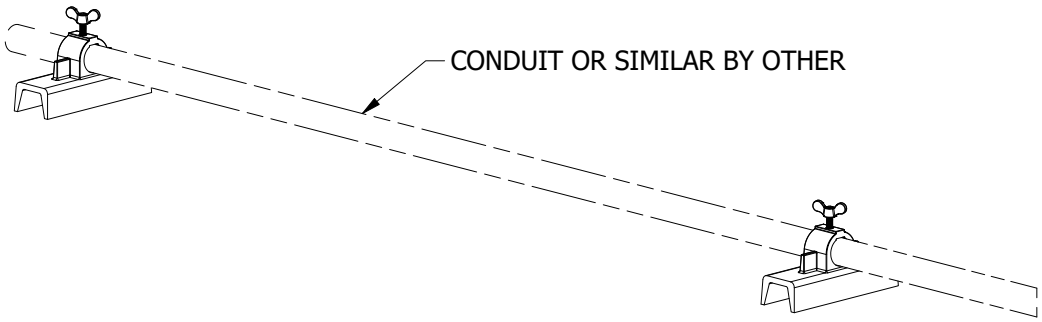
GFX5D-21
SHEET

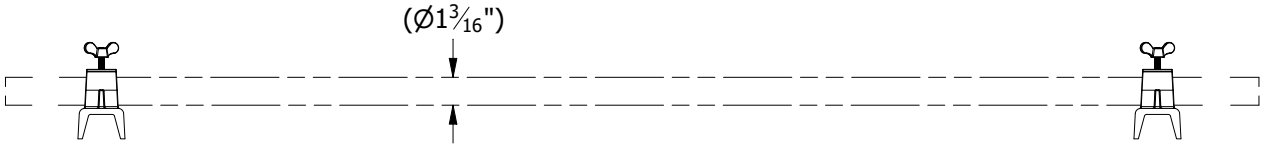
PARTS LIST	
P/N	DESCRIPTION
GFSPACE1	GRIDFLEX SPACER TOOL KIT











UNIRAC
1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

PRODUCT LINE:	GRIDFLEX 5D
DRAWING TYPE:	CUT SHEET
DESCRIPTION:	SPACER JIG
REVISION DATE:	4/13/2026

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY ONE OR MORE US PATENTS

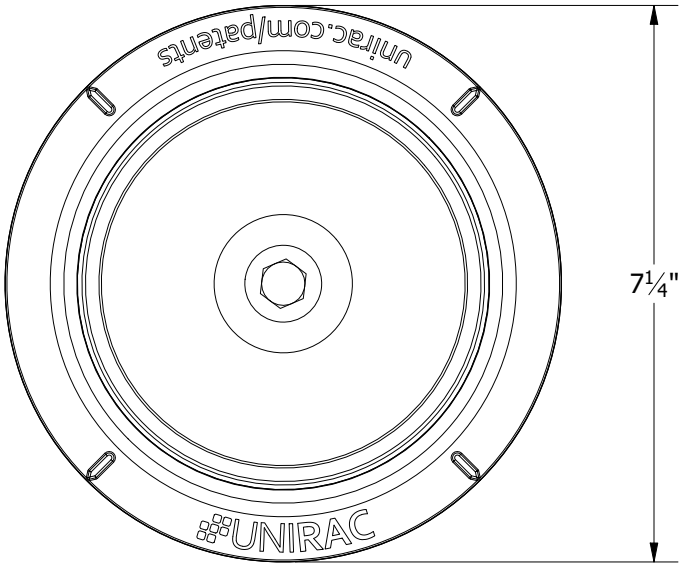
LEGAL NOTICE

GFX5D-22

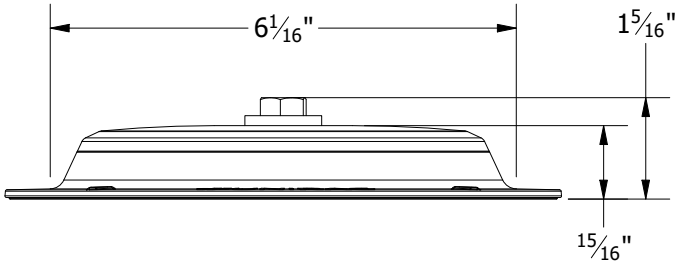
SHEET

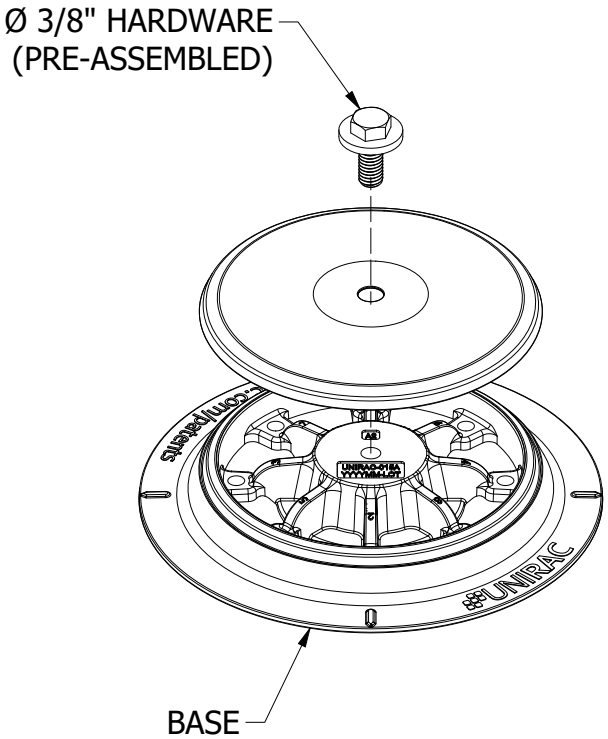
NOTES:

1. ATTACHMENT CAN ACCOMMODATE ROOFING SCREW SIZES #12 - #15. FASTENER SIZE, LENGTH, AND QUANTITY TO BE SELECTED BY STRUCTURAL ENGINEER OF RECORD WHEN DESIGNING FOR THE SPECIFIC PROJECT CONSTRUCTION AND CAPACITY.
2. REFER TO THE UNIRAC INSTALLATION GUIDE FOR PROPER USE OF CHEM LINK M1 AND ONE-PART SEALANTS FOR WATER TIGHT INSTALLATION.



TOP VIEW





PART # TABLE	
P/N	DESCRIPTION
310999	FLASHLOC RM KIT

ULTIMATE TEST LOAD (WITH 8 ROOF FASTENERS)

UPLIFT ULTIMATE CAPACITY	6,670 lbs.
SHEAR ULTIMATE CAPACITY	5,760 lbs.

UNIRAC

1411 BROADWAY BLVD. NE
ALBUQUERQUE, NM 87102 USA
PHONE: 505.242.6411
WWW.UNIRAC.COM

PRODUCT LINE:	RM
DRAWING TYPE:	ASSEMBLY DETAIL
DESCRIPTION:	FLASHLOC RM KIT
REVISION DATE:	6/26/2020

DRAWING NOT TO SCALE
ALL DIMENSIONS ARE NOMINAL

PRODUCT PROTECTED BY ONE OR MORE US PATENTS

LEGAL NOTICE

RMF-A01

SHEET