ADDITIONAL LEVELING ON SNAPNRACK **REVISION:** COMPATIBLE WITH BOTH STANDARD N/A 1 5/7/2019 NEW DETAIL 1 6/18/2019 DRO-00138 ULTRA RAIL STANDARD AND HD STANDOFFS AND HD VERSIONS OF ULTRA RAIL WITH LEVELING SPACERS STANDOFFS MODULE HEIGHT OFF ROOF SHOWN WITH UR-40 RAIL, FOR UR-60 RAIL, ADD \(^{5}\)" **ULTRA RAIL STANDOFF ATTACHMENTS** FEATURE 31/8" OF VERTICAL ADJUSTABILITY WITH THE USE OF 1" LEVELING SPACERS. **ENSURE SET SCREW IS** CENTERED BETWEEN LEVELING SPACERS THE TWO JOINED PARTS THE FIRST 11/8" OF ADJUSTABILITY IS ACCOMPLISHED WITH SLIDING FEATURES **BUILT INTO STANDOFF CLAMP COMPONENTS** FOR 1" OF ADDITIONAL HEIGHT ADJUSTMENT, ADD ONE LEVELING SPACER ON TOP OF THE STANDOFF. USE OF ONE LEVELING SPACER NOT TO EXCEED 30% OF ⁵/₁₆"Ø x 1" S.S. ATTACHMENT POINTS ON 10" STANDOFFS. **SET SCREW** FOR 2" OF ADDITIONAL HEIGHT ADJUSTMENT, ADD TWO LEVELING SPACERS SNAPNRACK, ULTRA RAIL SNAPNRACK, ULTRA RAIL ON TOP OF THE STANDOFF. USE OF TWO STANDARD STANDOFF KIT **HD STANDOFF KIT** DETAIL A: LEVELING SPACERS NOT TO EXCEED 10% OF ATTACHMENT POINTS ON 10" STANDOFFS SET SCREW PLACEMENT **HD STANDOFFS ONLY:** THE LIMITS ABOVE APPLY AT THE MAXIMUM STANDOFF HEIGHT DEPENDING ON THE STANDOFF BASE BEING USED. FOR HD STANDOFF ON HD STANDOFF BASE, THE MAXIMUM STANDOFF HEIGHT (BEFORE APPLYING THE LIMITATIONS ABOVE) IS 12" 105/8" 95/3" 85/," SNAPNRACK, STANDARD STANDOFF SHAFT, HEIGHT VARIES 7½" SNAPNRACK 1-HOLE STANDOFF BASE RAIL HEIGHT = $7\frac{1}{2}$ " RAIL HEIGHT =85/8" RAIL HEIGHT =9⁵/₈" RAIL HEIGHT = 10 1/8" ABOVE ROOF SURFACE ABOVE ROOF SURFACE ABOVE ROOF SURFACE ABOVE ROOF SURFACE 7" STANDOFF 7" STANDOFF 7" STANDOFF 7" STANDOFF PLUS ONE SPACER PLUS TWO SPACERS ON TOP OF STANDOFF ON TOP OF STANDOFF 21/4" 15/8" UR-40 RAIL | UR-60 RAIL FOR USE WITH SNAPNRACK ULTRA SERIES RAILS DRAWING NUMBER: Sunrun South LLC DESIGNER: G.MCPHEETERS SCALE: **DESCRIPTION:** REV: DNS ULTRA RAIL, COMPONENT DETAIL, LEVELING 595 MARKET STREET, 29TH FLOOR ◆ SAN FRANCISCO, CA 94105 USA PHONE (415) 580-6900 ◆ FAX (415) 580-6902 M.AFFENTRANGER DRAFTER: SNR-DC-00334

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APPROVED BY: B.PETERSON

DATE: 6/18/2019

SPACER ON STANDOFF