SNAPNRACK ULTRA RAIL STANDARD STANDOFF ON METAL ROOF BASE (MRB) FOR MOUNTING TO METAL **ROOFS**

REFER TO SNAPNRACK ENGINEERING CHARTS FOR APPLICABLE RAIL SPANS. "BIN" NUMBER ON CHART SHOULD MATCH "BIN" NUMBER ON THIS DRAWING

 $\frac{5}{16}$ % S.S. LAG SCREW MUST EMBED A MIN. OF $\frac{21}{2}$ " INTO STRUCTURAL MEMBER

REFER TO SNAPNRACK INSTALLATION MANUAL FOR ⁵/₁₆"Ø HARDWARE TORQUE SPECIFICATIONS

RAILS CAN MOUNT UPLSOPE OR DOWNSLOPE OF THE STANDOFF SHAFT

FOR LEVELING DETAILS, REFER TO SNAPNRACK DETAIL DRAWING "SNR-DC-00334 ULTRA RAIL, COMPONENT DETAIL, LEVELING SPACER ON STANDOFF"

NSTALLATION STEPS:

STEP 1:

DRILL 3/16" PILOT HOLE IN RAFTER. ENSURE AREA SURROUNDING HOLE IS FREE FROM METAL SHAVINGS AND DEBRIS

STEP 2:

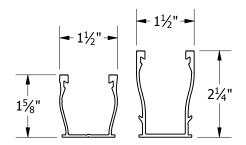
ATTACH METAL ROOF BASE TO RAFTER WITH 5/16"Ø LAG SCREW

STEP 3:

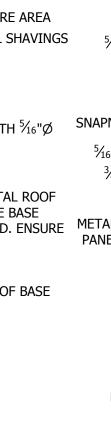
THREAD METAL ROOF BASE CAP ONTO METAL ROOF BASE BOTTOM. TAKE CARE TO ENSURE THE BASE DOES NOT TWIST WHEN CAP IS TIGHTENED. ENSURE CAP IS FULLY SEATED TO BASE

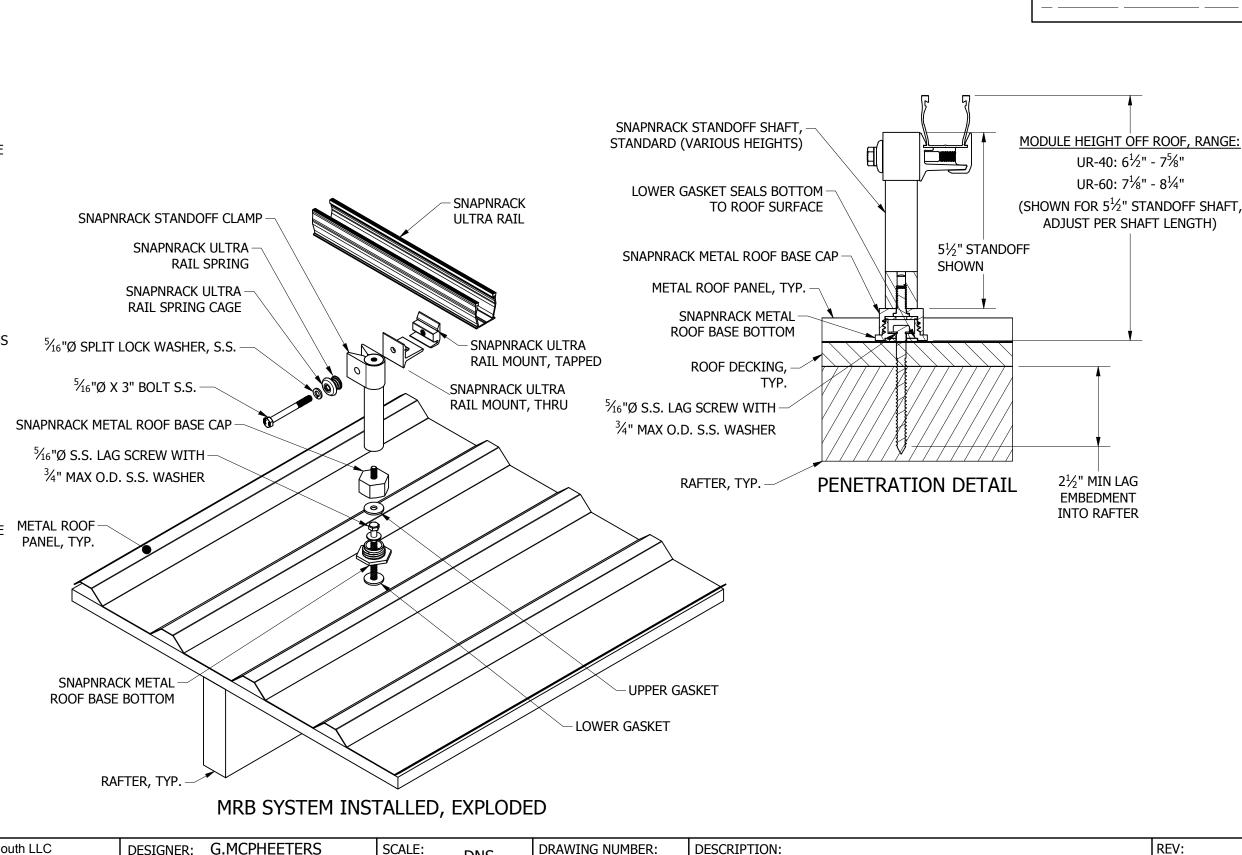
STEP 4:

ATTACH STANDOFF TO STUD IN METAL ROOF BASE CAP



UR-40 RAIL | UR-60 RAIL FOR USE WITH SNAPNRACK ULTRA SERIES RAILS







Sunrun South LLC

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DRAFTER:

M.AFFENTRANGER APPROVED BY: B.PETERSON

DNS DATE: 6/18/2019 SNR-DC-00352

ULTRA RAIL, ATTACHMENT DETAIL, METAL ROOF BASE WITH STANDOFF TO RAFTER

REVISION:

1 5/7/2019 NEW DETAIL

6/18/2019 DRO-00138

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