BIN: **REVISION:** SNAPNRACK ULTRA RAIL TILE ROOF HOOK F FOR MOUNTING TO FLAT 7 1 5/7/2019 NEW DETAIL B 2/25/2022 DC000991 PROFILE TILE ROOFS REFER TO SNAPNRACK ENGINEERING CHARTS FOR APPLICABLE RAIL SPANS. "BIN" NUMBER ON CHART SHOULD MATCH "BIN" NUMBER ON THIS **DRAWING** $\frac{5}{16}$ "Ø S.S. LAG SCREWS MUST EMBED A MIN. OF $\frac{21}{2}$ " INTO STRUCTURAL MEMBER - 2 QTY. ⁵⁄₁₆"Ø S.S. LAG SCREWS REFER TO SNAPNRACK INSTALLATION MANUAL FOR 5/16" HARDWARE WITH 5/16"Ø S.S. WASHERS **TORQUE SPECIFICATIONS** RAILS CAN MOUNT TO EITHER SIDE OF TILE HOOK (UPSLOPE VS. DOWNSLOPE) SNAPNRACK ULTRA RAIL RAILS CAN BE LEVELED UP TO $1\frac{1}{4}$ " USING THE SLOT IN THE TILE HOOK. (UR-40 RAIL SHOWN) -SEAL PENETRATIONS SNAPNRACK ULTRA RAIL AND UNDER BASE (UR-40 RAIL SHOWN) WITH APPROPRIATE **ROOF SEALANT** SNAPNRACK ULTRA RAIL SNAPNRACK ULTRA RAIL MOUNTING HARDWARE, TYP. TILE ROOF HOOK F, TYP. -DRILL QTY 2. ¾16"Ø PILOT FLAT TILE, TYP. HOLES INTO RAFTER MODULE HEIGHT OFF ROOF: UR-40: 5½" - 6¾" UR-60: 61/8" - 73/8" SNAPNRACK ULTRA RAIL TILE ROOF HOOK F **SEAL PENETRATIONS** AND UNDER BASE WITH APPROPRIATE **ROOF SEALANT** ROOF SHEATHING, TYP. ULTRA RAIL TILE ROOF HOOK F, EXPLODED WOOD RAFTER, TYP. ATTACHMENT DETAIL 2½" MINIMUM **EMBEDMENT** INTO RAFTER 21/4" 15/8" UR-40 RAIL | UR-60 RAIL FOR USE WITH SNAPNRACK ULTRA SERIES RAILS DESIGNER: D.RYAN SCALE: DRAWING NUMBER: DESCRIPTION: REV: Sunrun South LLC

Solar Mounting Solutions

DRAFTER:

M.AFFENTRANGER APPROVED BY: B.PETERSON

DNS DATE: 2/25/2022 SNR-DC-00356

ULTRA RAIL, ATTACHMENT DETAIL, ULTRA RAIL TILE ROOF HOOK F TO RAFTER

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