

USE TILT KIT OPTION FOR INSTALLATIONS THAT REQUIRE MODULES TO BE TILTED ABOVE THE EXISTING ROOF SLOPE

SYSTEM SHOWN IS DESIGNED FOR TILT ANGLES FROM 10 TO 30 DEGREES ABOVE ROOF SURFACE

L FOOT MOUNT COMPATIBLE WITH SNAPNRACK L FOOT BASE KIT WITH FLASHING, METAL ROOF BASE, CORRUGATED STRADDLE BLOCK, OR SEAM CLAMPS (SEE DETAIL "S100 D11")

INSTALL ALL L FEET IN ORIENTATION SHOWN

TORQUE  $\frac{5}{16}$ " $\varnothing$  HARDWARE TO THE FOLLOWING MINIMUM VALUES UNLESS OTHERWISE NOTED:

- SILVER S.S. 16 FT-LBS
- BLACK S.S. 9 FT-LBS

REFER TO ENGINEERING CHARTS FOR RAIL SPAN BASED ON MODULE TILT ANGLE, WIND SPEED, AND SNOW LOAD

BACK SUPPORT LEG IS FABRICATED FROM A SECTION OF STANDARD RAIL. CALCULATE REQUIRED TILT LEG LENGTH AND CUT RAIL TO LENGTH.

FOR LOWER TILT APPLICATIONS SEE "S100-D12 LOW TILT KIT" AND "S100-D13 MEDIUM TILT KIT" AS REQUIRED

FOR MODULE OVERHANG REQUIREMENTS SEE "S100-D07 TYPICAL LAYOUT"

FOR LEVELING REQUIREMENTS SEE "S100-D08 RAIL LEVELING"

SNAPNRACK RAIL END CAP CAN BE USED TO COVER CHANNEL IN REAR TILT LEG

REVISION:		
G	11/28/2017	UPDATES

ANGLE TILT LEG  $90^\circ \pm 5^\circ$   
RELATIVE TO THE MODULE

MAXIMUM 1" FROM TOP OF  
CHANNEL NUT TO END OF  
RAIL TO MINIMIZE POTENTIAL  
MODULE BACKSHEET CONTACT

MAX LENGTH: 4'-0"  
WITH STANDARD  
ENGINEERING

