In addition to 2-rail and 3-rail configurations, QRail Standard-size rail and components can be designed in shared-rail and modified shared-rail configurations. Designing in these configurations reduces rows of penetrations as well as rail, and provides a simplified grounding method. The use of Quick Mount PV’s Shared Rail Composition Mount (QMSRC) assists with alignment of the rows of rail by providing 4.5 inches of north/south adjustability of the L-Foot. When working with modified shared-rail configurations, it is possible to use Hidden End Clamps or Standard non-bonded End Clamps. When working with shared-rail configurations, End Clamps must be bonded. Interior rail can be cut in conformance with module manufacturer cantilever requirements.

NOTE: In addition to this Quick Start guide, refer to the QRail Installation Instructions, the Shared Rail Composition Mount Installation Instructions (QMSRC) and applicable Shared Rail Span Tables provided on the QRail Product Page. Shared Rail Span Tables are based on use of the Shared Rail Composition Mount (QMSRC).

When using Hidden End Clamps, the rail can be cut flush with module edge.

Mid Clamps oriented North/South when used in a row.

Clamping zones determined by module manufacturer.

When using standard End Clamps, the rail must extend beyond the module frame by 1.2”.

Mid Clamps oriented East/West when used in a column.

Clamping zones determined by module manufacturer.

Standard QRail

End Clamp

End Clamp with WEEB BMC clip

Mid Clamp

Hidden End Clamp

Weeb Lug

Bonding Path

North rail

Interior support rail

South rail

Key

Modified Shared Rail Configuration

Shared Rail Configuration

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Nov-2019 Rev 1