

**AC Power**

✓	Run building dedicated AC feed to Array Junction Box- using cable, conduit or tray based on best practices and applicable electrical code.
✓	Model PS35 requires one 15A, 120VAC line, PS140 requires Two 15A, 120 VAC lines. Size cables appropriately.
✓	Within Junction Box connect Building feed conductors to 17 Metre, type SOOW Cable
✓	Leave 17 Metre tail for installation onto array by Menova
✓	Junction box to be off deck, weather proof, Nema 4X, sealed cable entries.

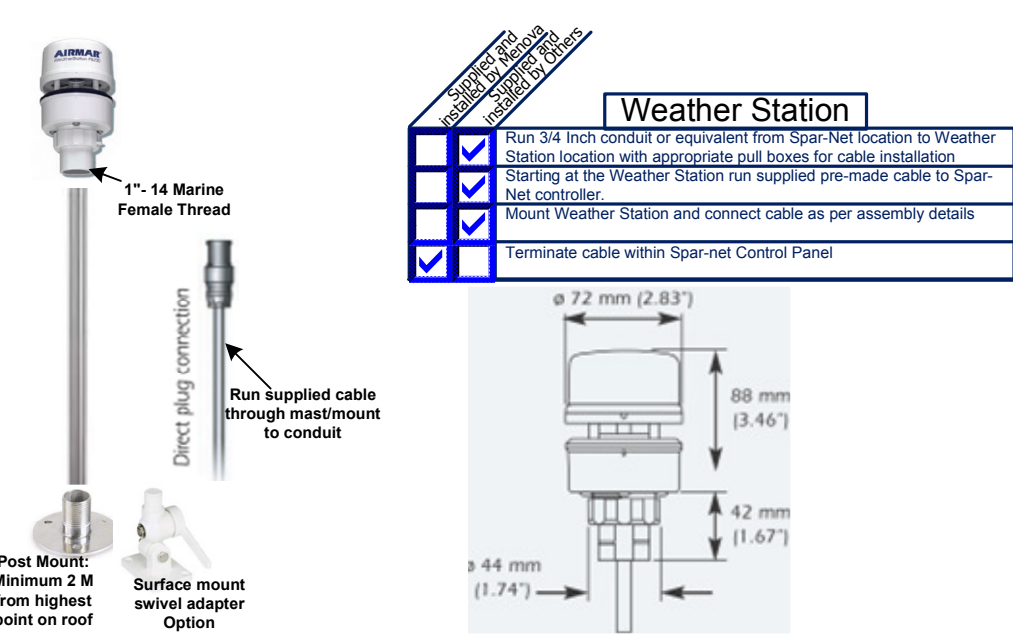
**DC Power**

✓	Run DC Line from inverter to Array Junction Box- using cable, conduit or tray based on best practices and applicable electrical code.
✓	Refer to Project specific details/drawings for DC cable specifications.
✓	Within DC Junction Box connect Inverter cable conductors to 17 Metre, type SOOW Cable
✓	Leave 17 Metre tail for installation onto array by Menova
✓	Junction box to be off deck, weather proof, Nema 4X, sealed cable entries.

**Ethernet to Arrays**

✓	Run Outdoor rated Ethernet cable to junction box support in conduit or cable tray. Provide strain relief.
✓	Leave 17 Metre tail for installation onto array by Menova
✓	Cable to be off deck

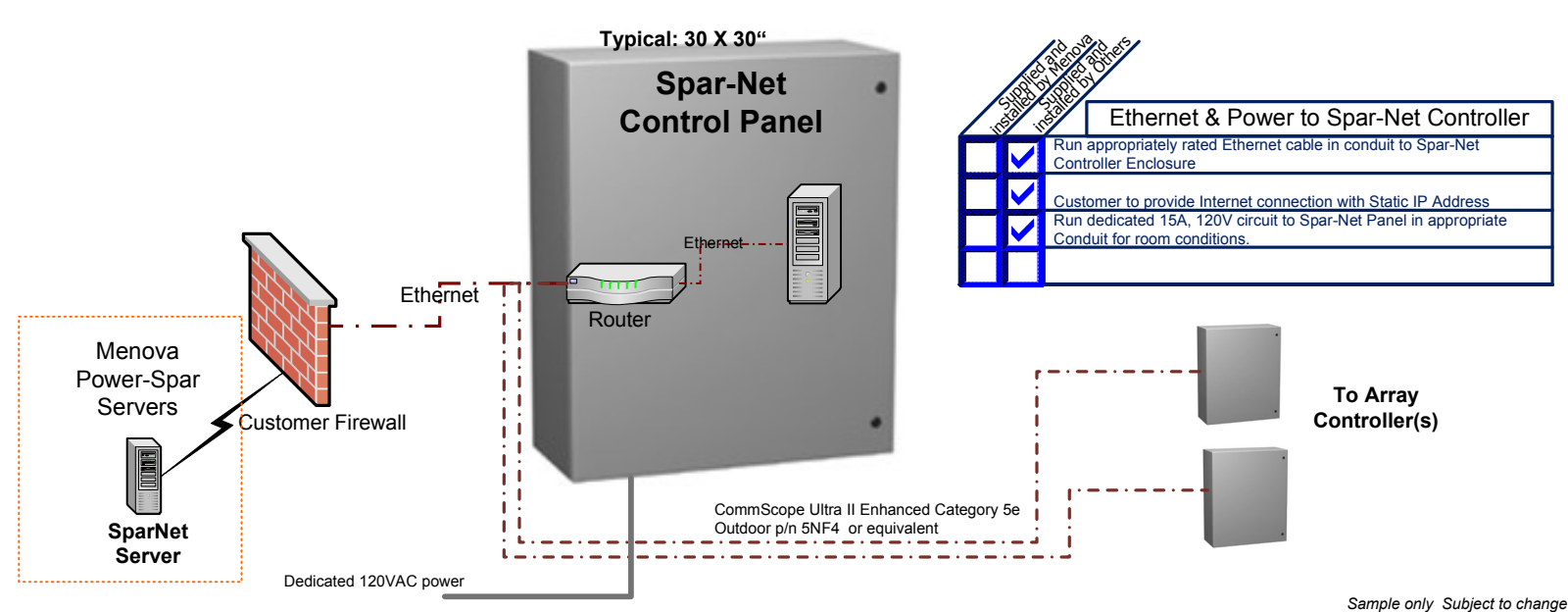
**Weather Station Installation Details**



**Weather Station**

✓	Run 3/4 Inch conduit or equivalent from Spar-Net location to Weather Station location with appropriate pull boxes for cable installation
✓	Starting at the Weather Station run supplied pre-made cable to Spar-Net controller.
✓	Mount Weather Station and connect cable as per assembly details
✓	Terminate cable within Spar-net Control Panel

**Spar-Net Panel Ethernet Connections**



**Ethernet & Power to Spar-Net Controller**

✓	Run appropriately rated Ethernet cable in conduit to Spar-Net Controller Enclosure
✓	Customer to provide Internet connection with Static IP Address
✓	Run dedicated 15A, 120V circuit to Spar-Net Panel in appropriate Conduit for room conditions.

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REV.	DESCRIPTION	DATE	BY
OWNER MENOVA ENERGY			
PROJECT Standard			
TITLE AC/DC power, Communications Requirements			
<p><b>Menova</b> energy inc.</p> 111 Walgreen Road Ottawa, ON, K0A1L0 Tel. (613) 599-6232 Fax. (613) 599-2749 www.power-spar.com			
FILENAME RFP-80300.VSD		REVISED 2/12/2009	
SCALE NTS	SHEET 1 of 1		