

DETAIL "C" BALLASTING CONCEPT

THE SOLAR PANEL IS BALLASTED TO THE ROOF USING THE EXISTING 2" (50mm) THICK GRAVEL. REMOVE GRAVEL IN 4' (1200mm) WIDE STRIPS SPACED WITH NO MORE THAN 13' (3900mm) BETWEEN. THEN LAY DOWN 16 GA GALVANIZED WELDED WIRE MESH WITH 1/2"X1" (13mmx25mm) OPENINGS. MESH IS SECURED THROUGH GRAVEL TO SOLAR COLLECTOR FRAMEWORK WITH 12GA PVC COATED SOLID COPPER WIRE, TWISTED TO COMPLETE LOOPS. SPACE THESE CONNECTIONS EVERY 5 FEET MAX AROUND PERIMETER OF SCREEN AND CENTERED WHERE CROSSBARS CROSS SCREEN.



ALTERNATE TO 12 GA WIRE IS PPA COATED SS STRAP



COMPLETE LOOPS OF STRAP WITH SS STRAP CLAMPS . PPA COATED SS STRAP AND STRAP CLAMPS ARE STANDARD SOLAR PANEL MOUNTING HARDWARE SUPPLIED BY HOT SUN INDUSTRIES LTD

		POWERSTRIP PG135	
HOT SUN INDUSTRIES LTD, Burnaby BC Canada 778-300-1803		FLAT ROOF MOUNTING WITH SCREEN UNDER EXISTING ROOF GRAVEL BALLAST	
ECH/SC	JUNE 10, 2013	NO. DESSIN / DWG NO.	GR/SIZE
DATE	KEN WRIGHT	DWG BON 10 C	
PAR/BY			
VER/CHK			