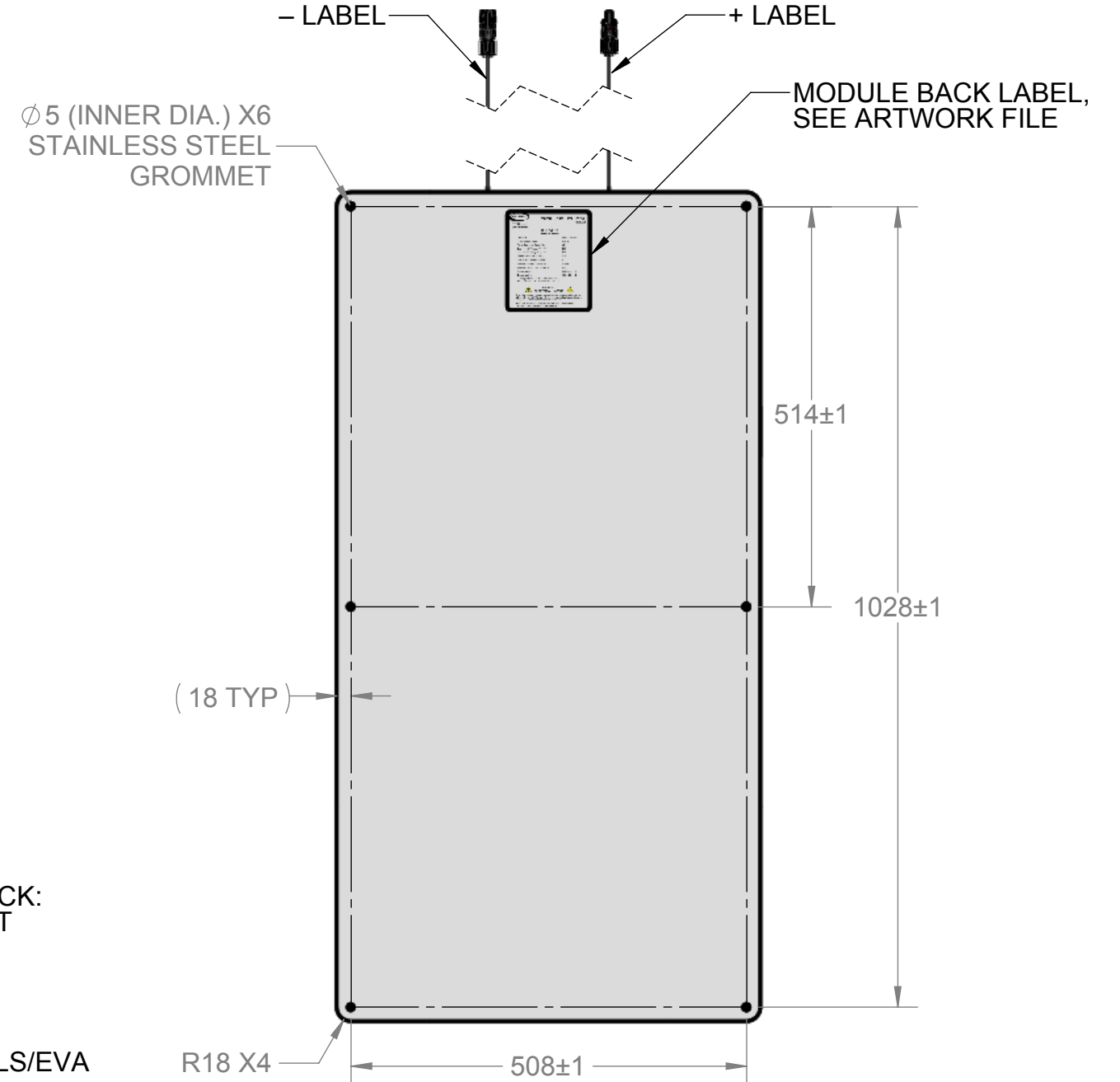
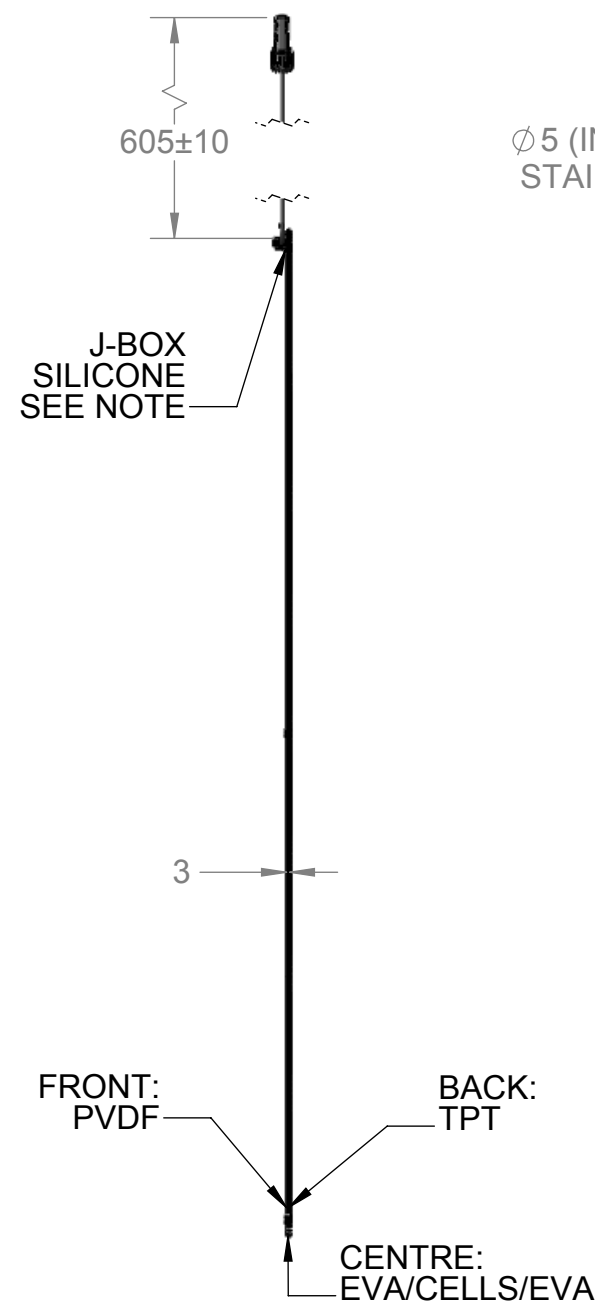
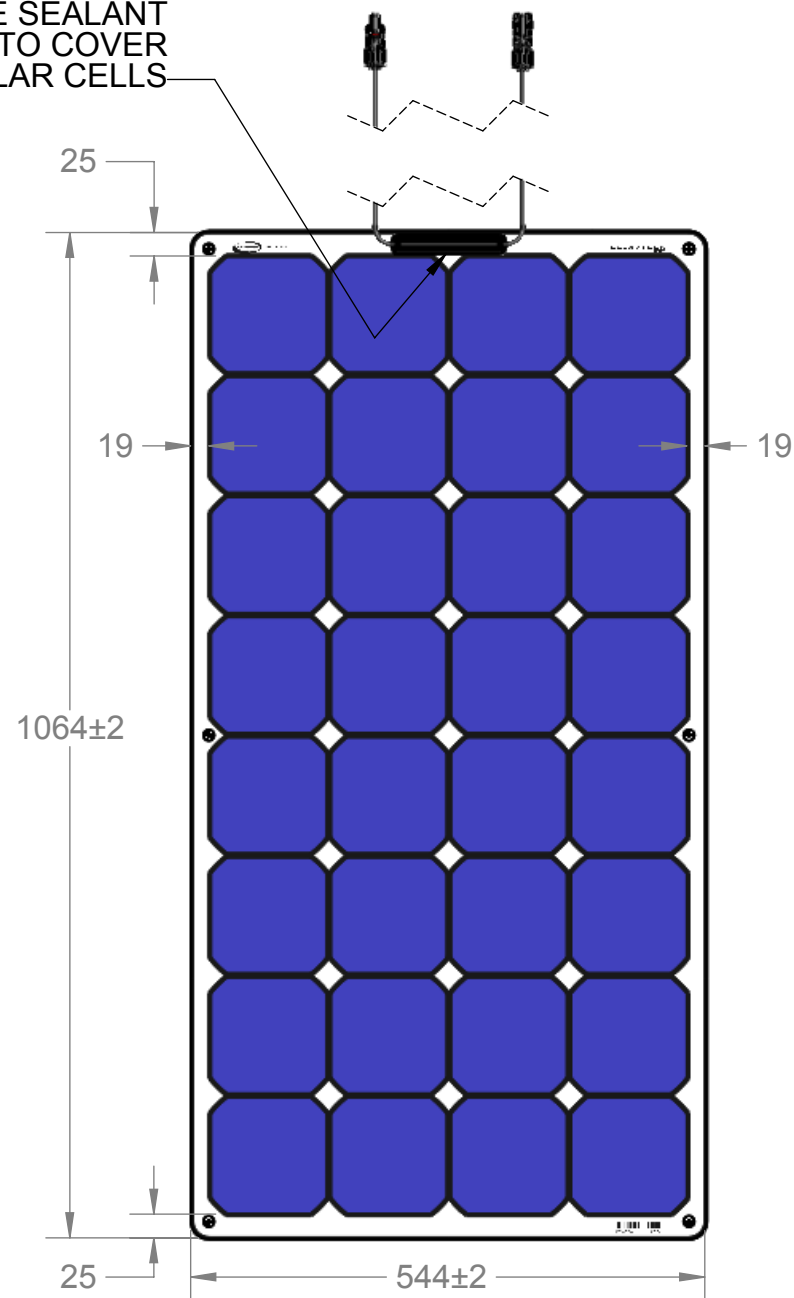


REV	ECO #	DESCRIPTION	DATE	DRAWN BY
A	-	INITIAL RELEASE.	11/04/2014	JBF
B	-	ADDED SERIAL NUMBER LABEL INFO.	15/05/2014	JBF

SILICONE SEALANT NOT TO COVER SOLAR CELLS



ELECTRICAL	
Pmax	100 W ±3%
Vmp	17.5 V
Imp	5.71 A
Voc	21.0 V
Isc	6.28 A

NOTES

- JUNCTION BOX TO BE FILLED WITH A SUITABLE SELF-LEVELLING, NON-CORROSIVE SILICONE POTTING COMPOUND. OUTSIDE OF JUNCTION BOX TO BE SEALED TO MODULE WITH WHITE OUTDOOR-RATED SILICONE SEALANT.
- JUNCTION BOX TO CONTAIN SUITABLE BYPASS DIODE(S) AS REQUIRED.
- CABLES TO BE 6MM², BLACK MOISTURE AND UV RESISTANT JACKET.
- CONNECTORS AND TERMINALS TO BE MATEABLE WITH INDUSTRY STANDARD MC-4 STYLE. MUST BE UV-RESISTANT AND IP67 (MATED). MUST BE INSTALLED AS PER MANUFACTURER.
- SOLDER ALLOY MUST BE: SAC 305
- PACKAGING TO PROTECT FRONT AND BACK SURFACES FROM SHIPPING DAMAGE.

ALL COMPONENTS AND PROCESSES TO BE ROHS COMPLIANT, CERTIFICATE REQUIRED WITH INITIAL SHIPMENT

UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.100-2000 TOLERANCES APPLY AS SHOWN BELOW

DECIMALS	SURF FINISH	ANGLES
X ±2.5	1.5 µm	±1°
X.X ±.25		
X.XX ±.10		
X.XXX ±.01		

METRIC

THIRD ANGLE PROJECTION



DOC #	DOC REVISION	DATE
57013	B	21/12/11

PDM MAINTAINED DATA

CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN AUTHORITY

PROPRIETARY

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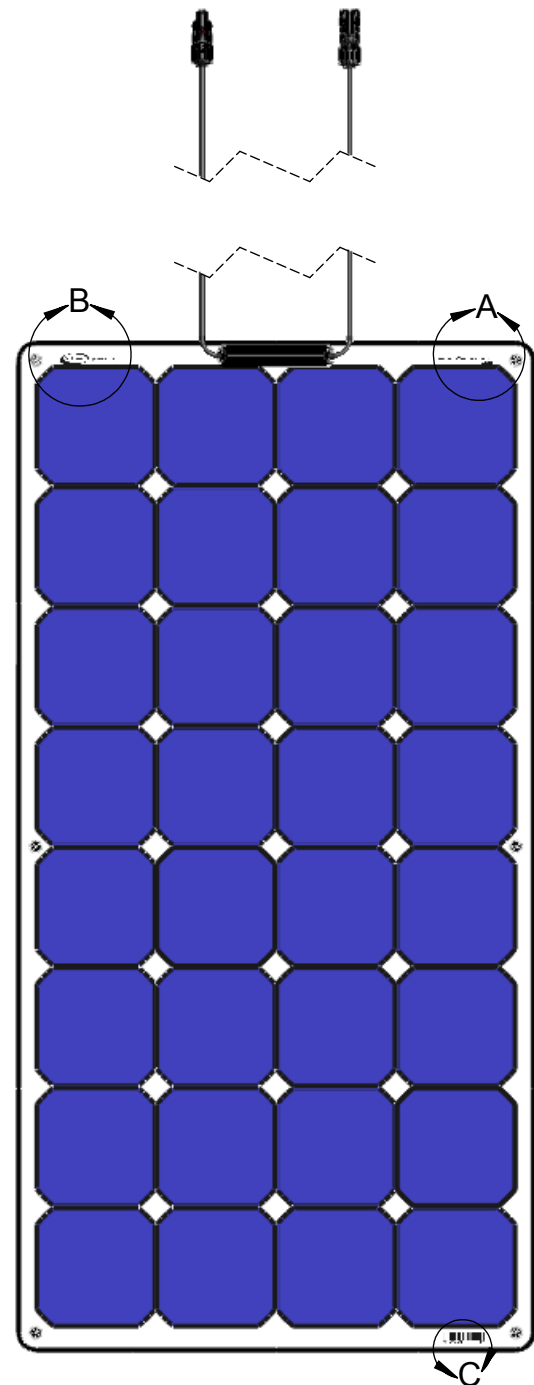
ORIGINALLY DESIGNED BY	DATE
admin.jon	11/04/2014
ORIGINALLY DRAWN BY	DATE
admin.jon	04/16/2014
CHECKED BY	DATE
N/A	



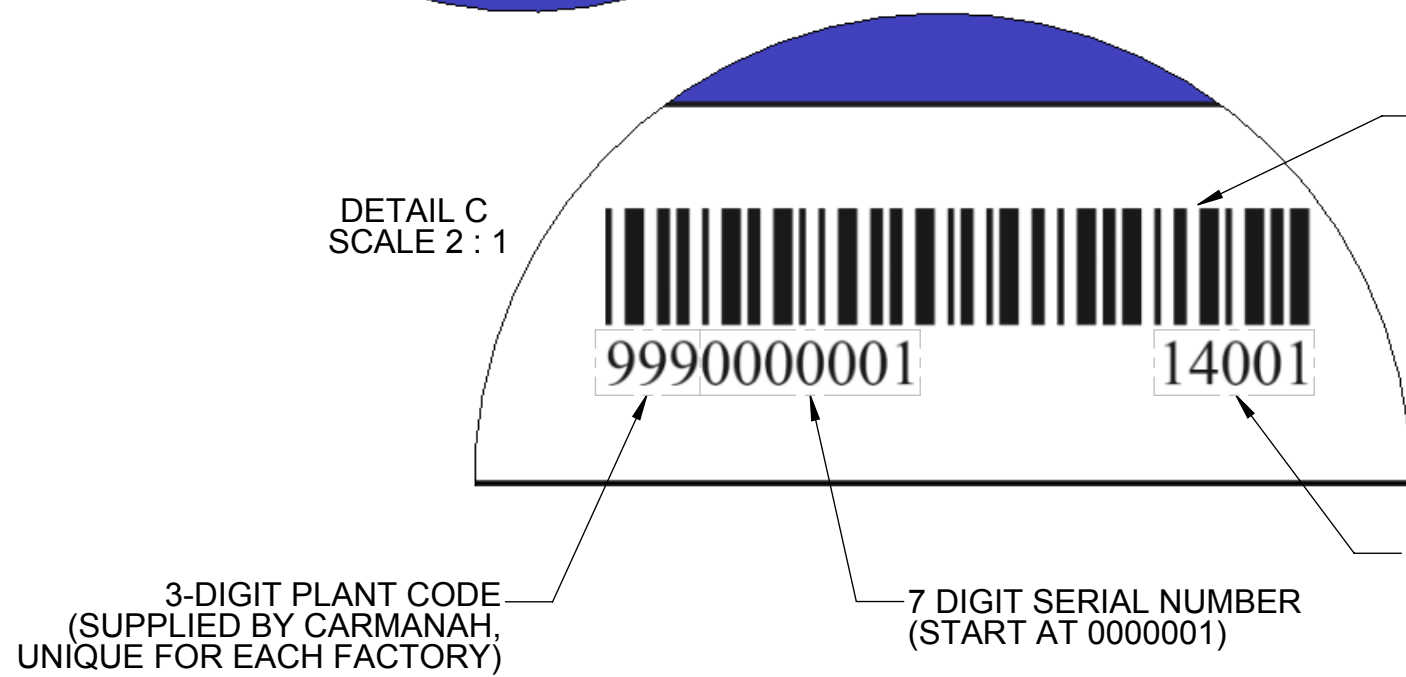
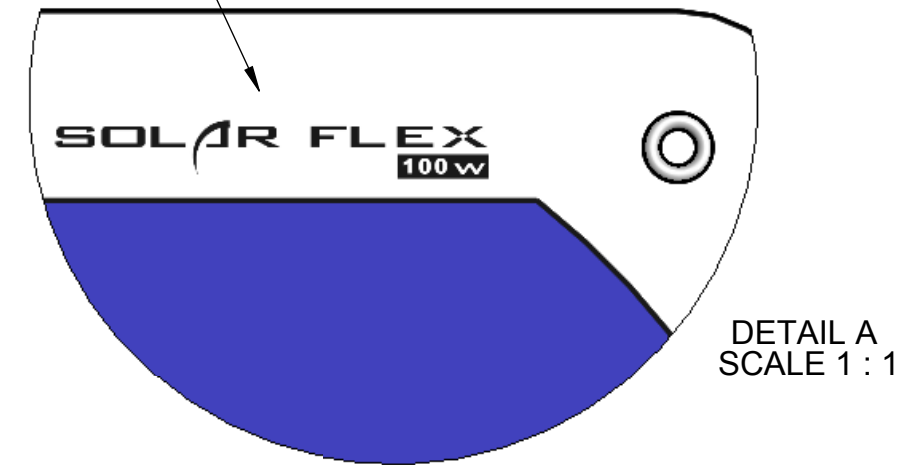
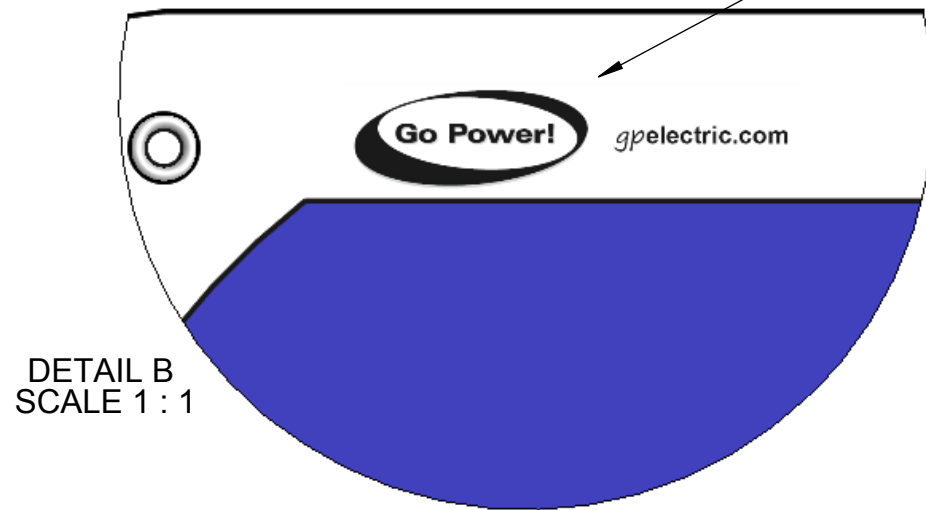
250 Bay Street
Victoria, BC Canada V9A 3K5
Tel [250] 380-0052
Fax [250] 380-0062

SOLAR PANEL, 100W, FLEXIBLE, MONOCRYSTALLINE CELLS

SIZE	DRAWING NO	REVISION
B	71003	B
SCALE	CAD REFERENCE	SHEET
1:8	71003	1 OF 2



LOGOS, SEE ARTWORK FILES. TO BE APPLIED ON TFT, UNDERNEATH EVA
 3 METHODS ACCEPTABLE, IN DECREASING ORDER OF PREFERENCE:
 1) BLACK SILKSCREENED TEXT ON TFT (BEST)
 2) BLACK PRINTED TEXT ON WHITE LABEL ON TFT (GOOD)
 3) BLACK PRINTED TEXT ON SILVER LABEL ON TFT (ACCEPTABLE)



SERIAL NUMBER LABEL, TO BE APPLIED TO TFT
 BARCODE FONT TO BE CODE 128
 BARCODE CONTENT TO BE:
 3-DIGIT PLANT CODE, 7-DIGIT SERIAL NUMBER,
 WITH NO SPACES
 (EXAMPLE: 9990000001)

3-DIGIT PLANT CODE
 (SUPPLIED BY CARMANAH,
 UNIQUE FOR EACH FACTORY)

7 DIGIT SERIAL NUMBER
 (START AT 0000001)

5-DIGIT DATE CODE
 FIRST TWO DIGITS ARE YEAR
 (EXAMPLE: 14 FOR 2014)
 LAST 3 DIGITS ARE DAY OF THE YEAR
 (EXAMPLE: JAN 1 = 001, FEB 1 = 032)

UNLESS OTHERWISE SPECIFIED
DO NOT SCALE DRAWING

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.100-2000
TOLERANCES APPLY AS SHOWN BELOW

DECIMALS	SURF FINISH	ANGLES
X ± 2.5	1.5 μm	± 1°
X.X ± .25		
X.XX ± .10		
X.XXX ± .01		

METRIC

THIRD ANGLE PROJECTION

DOC #	DOC REVISION	DATE
57013	B	21/12/11

PDM MAINTAINED DATA
CHANGES SHALL BE INCORPORATED ELECTRONICALLY BY THE DESIGN AUTHORITY

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ORIGINALLY DESIGNED BY	DATE
admin.jon	11/04/2014
ORIGINALLY DRAWN BY	DATE
admin.jon	04/16/2014
CHECKED BY	DATE
N/A	

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Tel [250] 380-0052
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SOLAR PANEL, 100W, FLEXIBLE, MONOCRYSTALLINE CELLS

SIZE	DRAWING NO	REVISION
B	71003	B
SCALE	CAD REFERENCE	SHEET
1:8	71003	2 OF 2