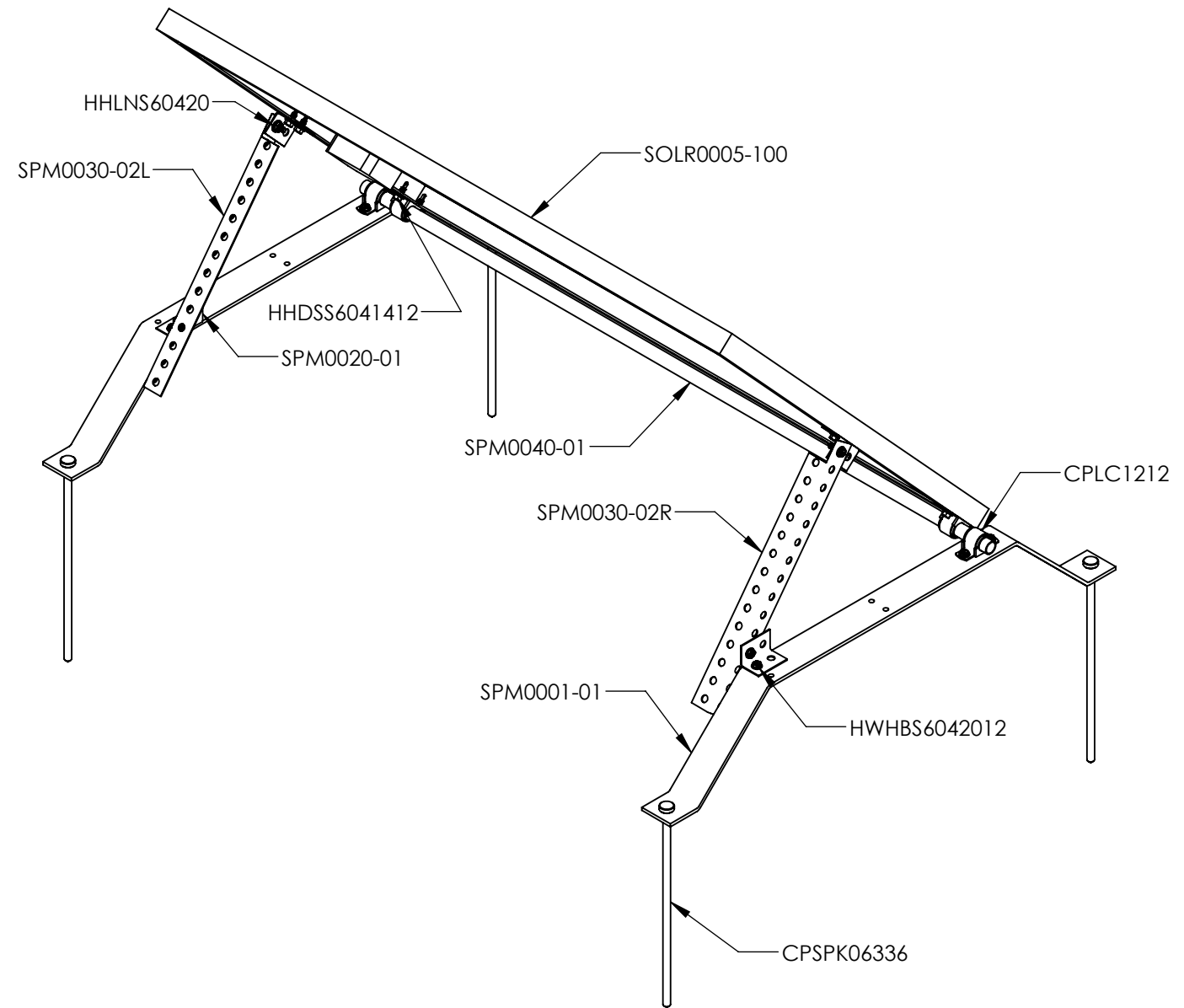


PART #  
IGSPM2G100W0-001

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/26/19	WRS

PART NUMBER	DESCRIPTION	QTY.
SPM0040-01	TUBE	1
CPLC1212	LINE CLAMP	4
SPM0001-01	FOOT	2
SOLR0005-100	SOLAR PANEL	1
SPM0030-02L	LEFT ANGLE	1
SPM0030-02R	RIGHT ANGLE	1
SPM0020-01	ANGLE MOUNT	4
CPSPK06336	12" X 3/8" SPIKE	4
HHDSS6041412	SELF TAPING SCREW	8
HWHBS6042012	BOLT	10
HHLNS60420	LOCK NUT	10

TOOLS REQUIRED	QTY
HAMMER	1
3/8" OPEN END WRENCH	1
7/16" OPEN END WRENCH	1
PROTRACTOR	1
COMPASS	1



**STEP 1: CHECK CONTENTS OF PACKAGE TO ACCOUNT FOR ALL PARTS. IF ANYTHING IS MISSING PLEASE CONTACT YOUR LOCAL CHECKPOINT REPRESENTATIVE OR CALL +1 (800) 847-7867 SALES@CPPUMPS.COM**

-- DO NOT SCALE DRAWING --



UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES AND  
RADII = 0.015

TOLERANCES:  
ANGULAR: ± 0.5 deg  
DECIMAL:  
.xx ±.010      .xxx ±.005

125/      63/

	NAME	DATE
DRAWN	J.FERRILL	02/26/19
CHECKED	A.CANIK	02/26/19
ENG APPR.	W. SCHNECK	02/26/19
MFG APPR.	M. LOVAS	02/26/19
Q.A.	R. DELEON	02/26/19

**CheckPoint**  
Pumps & Systems

DWG. TITLE  
**SOLAR 1 PANEL  
GROUND MOUNT**

REV  
-05

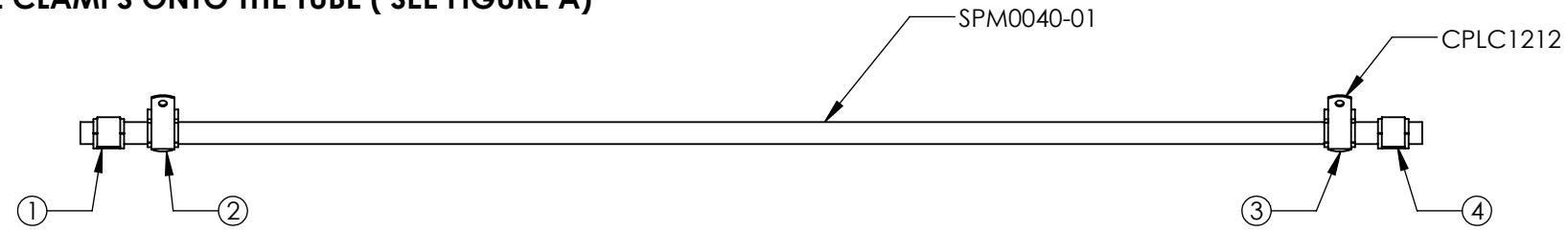
IGSPM2G100W0-001

SIZE  
**B**

DRAWING NUMBER      SHEET 1 OF 5

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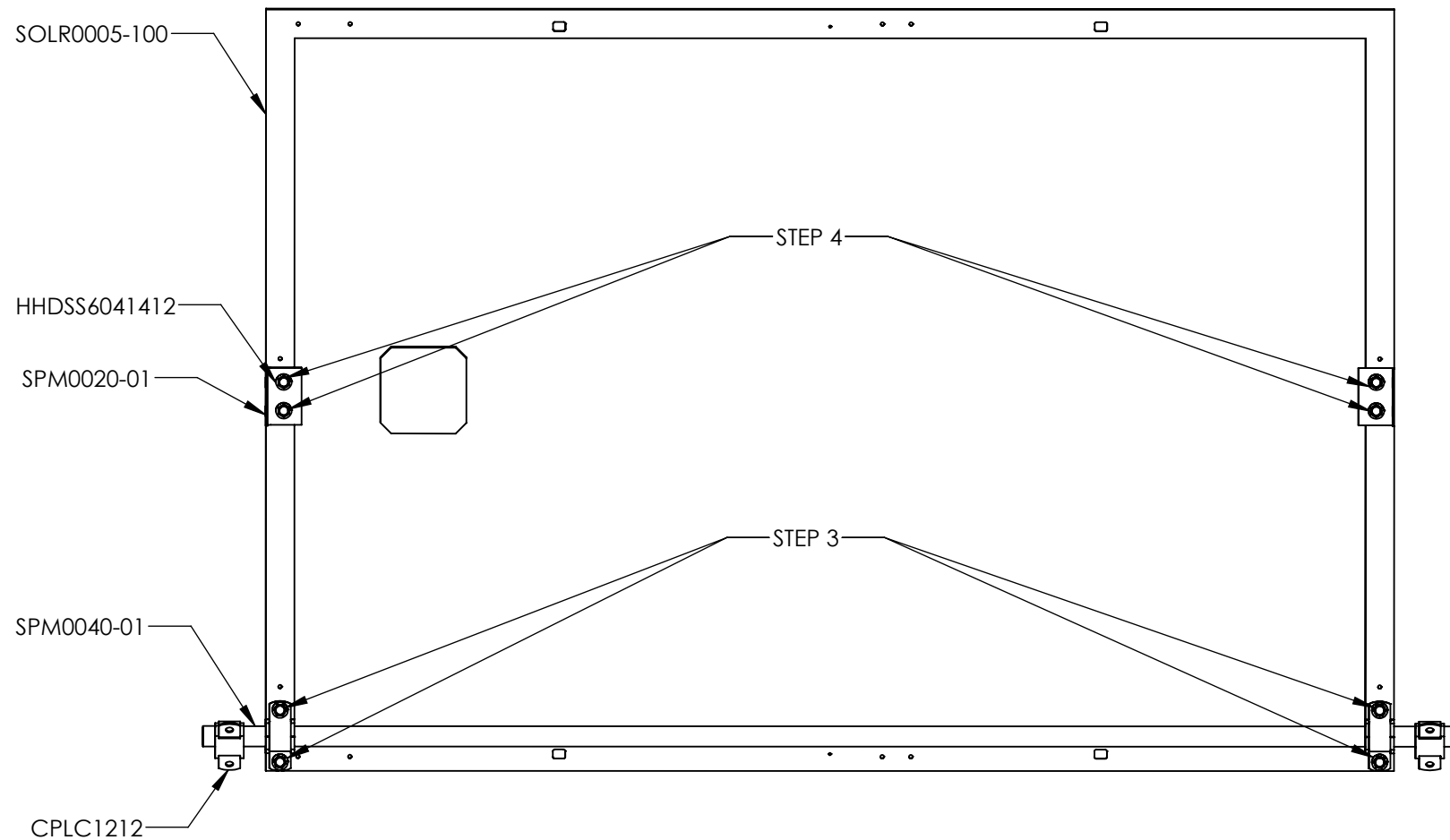
**STEP 2: SLIDE 4 LINE CLAMPS ONTO THE TUBE ( SEE FIGURE A )**



**FIGURE A**

**STEP 3: USING 4 SELF-DRILLING SCREWS FROM THE KIT SCREW THE 2 LINE CLAMPS AND PIPE TO THE PANELS IN THE PRE-DRILLED HOLES AS SEEN IN FIGURE B.**

**STEP 4: USING 4 SELF-DRILLING SCREWS FROM THE KIT. SCREW THE 2 ANGLE MOUNTS TO THE PANEL IN THE PRE-DRILLED HOLES IN FIGURE B.**



**FIGURE B**

**-- DO NOT SCALE DRAWING --**  
BREAK SHARP EDGES: .005 - .010



UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES AND  
RADII = 0.015

TOLERANCES:  
ANGULAR:  $\pm 0.5$  deg  
DECIMAL:  
.xx  $\pm 0.10$       .xxx  $\pm 0.005$

125/      63/

<b>CheckPoint</b> Pumps & Systems	
DWG. TITLE <b>SOLAR 1 PANEL GROUND MOUNT</b>	
REV <b>-.05</b>	IGSPM2G100W0-001
SIZE <b>B</b>	
DRAWING NUMBER      SHEET 2 OF 5	

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STEP 4: LOCATE THE 2 GROUND MOUNT FEET, 6 BOLTS/LOCK NUTS AND 2 ANGLE MOUNTS FROM THE KIT. INSTALL AS SEEN IN FIGURE C.

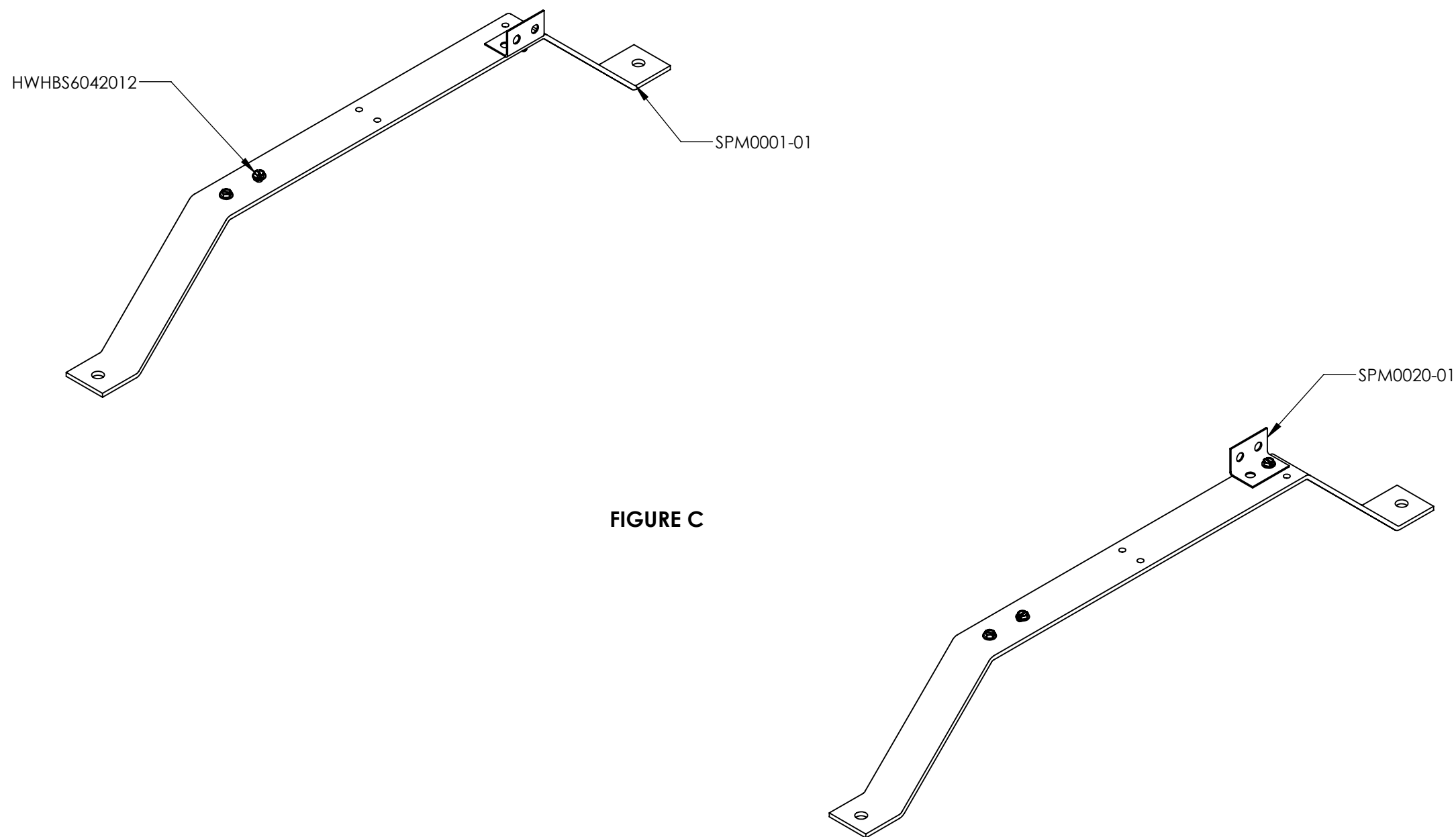


FIGURE C

-- DO NOT SCALE DRAWING --  
BREAK SHARP EDGES: .005 - .010



UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES AND  
RADII = 0.015

TOLERANCES:  
ANGULAR:  $\pm$  0.5 deg  
DECIMAL:  
.xx  $\pm$  .010      .xxx  $\pm$  .005

125/      63/

<b>CheckPoint</b> Pumps & Systems	
DWG. TITLE <b>SOLAR 1 PANEL GROUND MOUNT</b>	
REV <b>-.05</b>	IGSPM2G100W0-001
DRAWING NUMBER	
SHEET 3 OF 5	

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SUCH USER POSSESSES DIRECT WRITTEN AUTHORIZATION FROM CHECKPOINT SYSTEMS

STEP 5: BOLT THE ASSY FROM STEP 3 TO THE FEET IN STEP 4 AS SEEN IN FIGURE D.

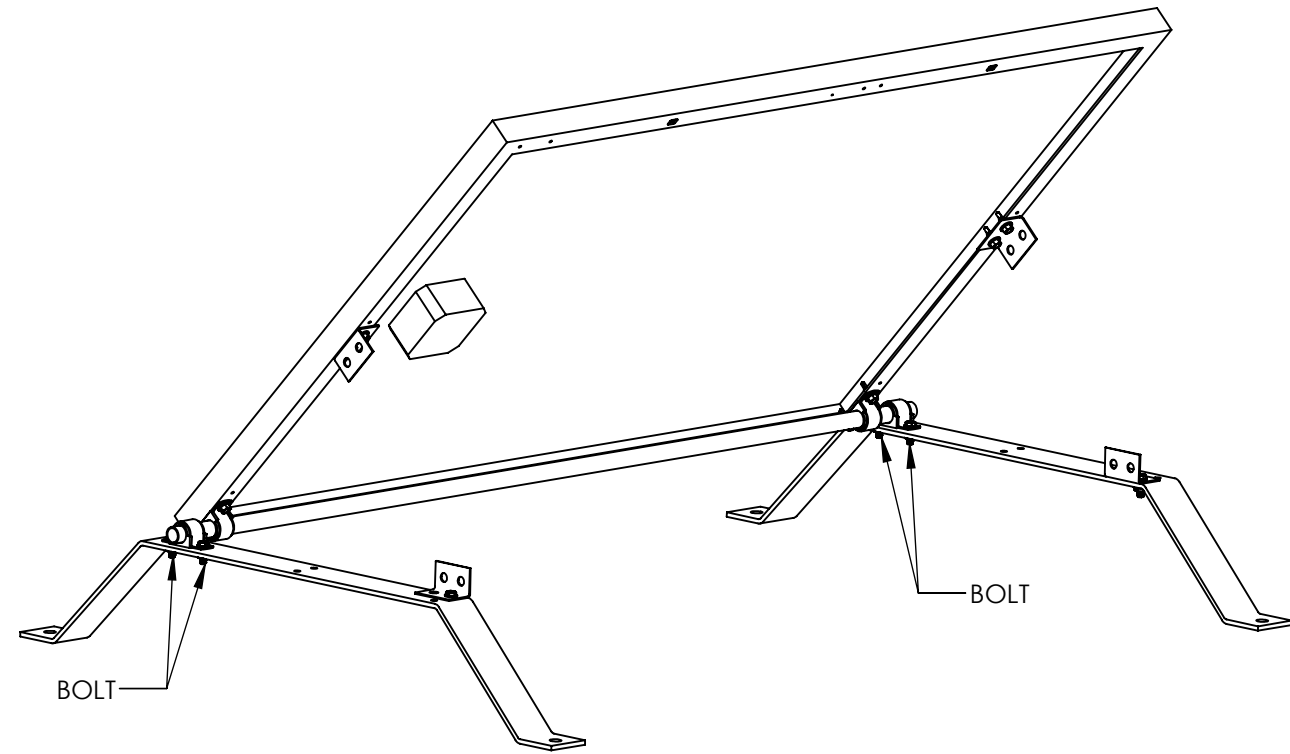


FIGURE D

STEP 6: BOLT THE ANGLE ADJUSTERS TO THE FEET AND PANEL AS SEEN IN FIGURE E.

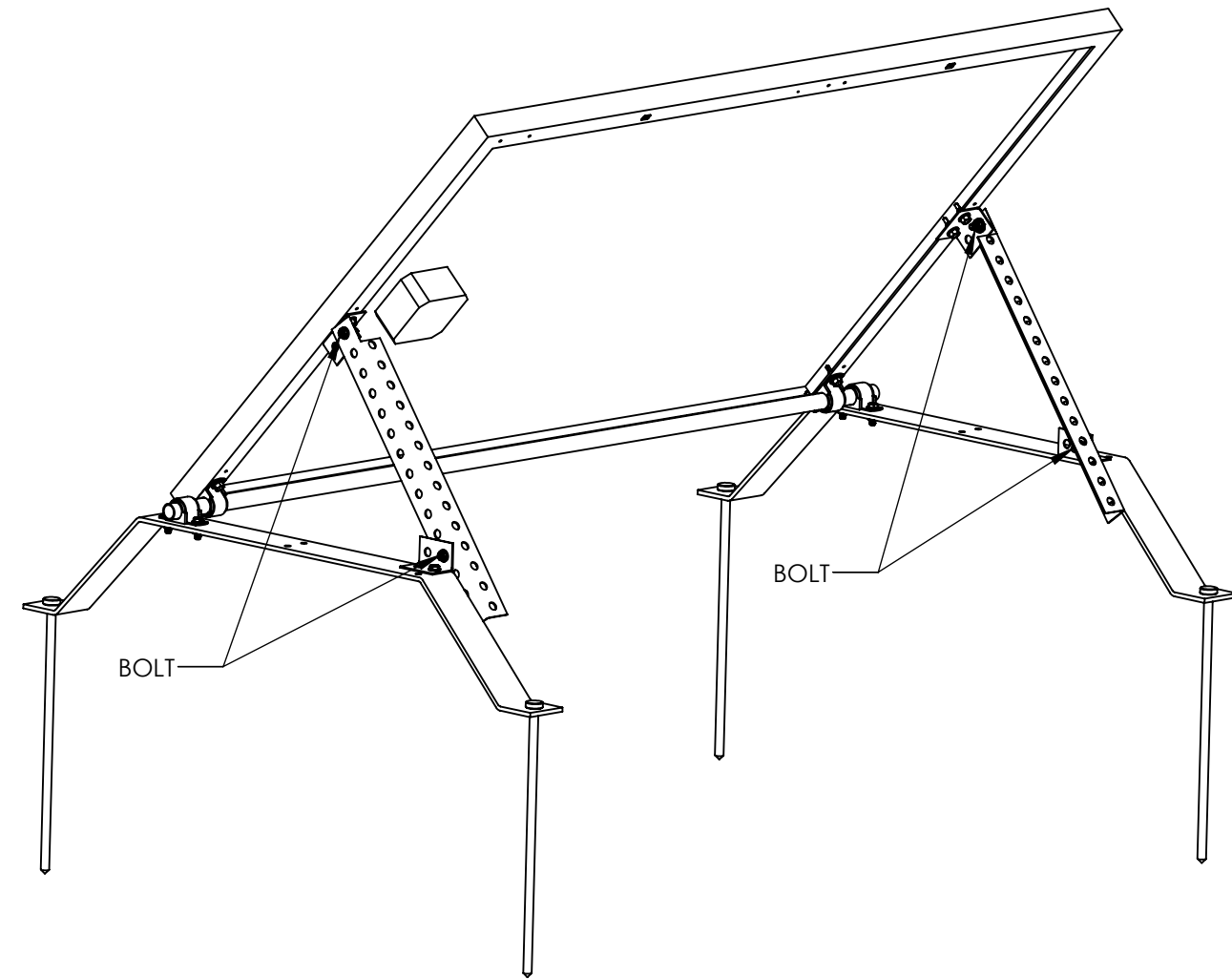


FIGURE E

-- DO NOT SCALE DRAWING --  
BREAK SHARP EDGES: .005 - .010



UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES AND  
RADII = 0.015

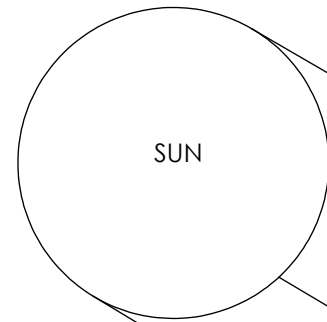
TOLERANCES:  
ANGULAR:  $\pm 0.5$  deg  
DECIMAL:  
.xx  $\pm .010$       .xxx  $\pm .005$

125/      63/

<b>CheckPoint</b> Pumps & Systems	
DWG. TITLE <b>SOLAR 1 PANEL GROUND MOUNT</b>	
REV <b>-.05</b>	IGSPM2G100W0-001
SIZE <b>B</b>	
DRAWING NUMBER	
SHEET 4 OF 5	

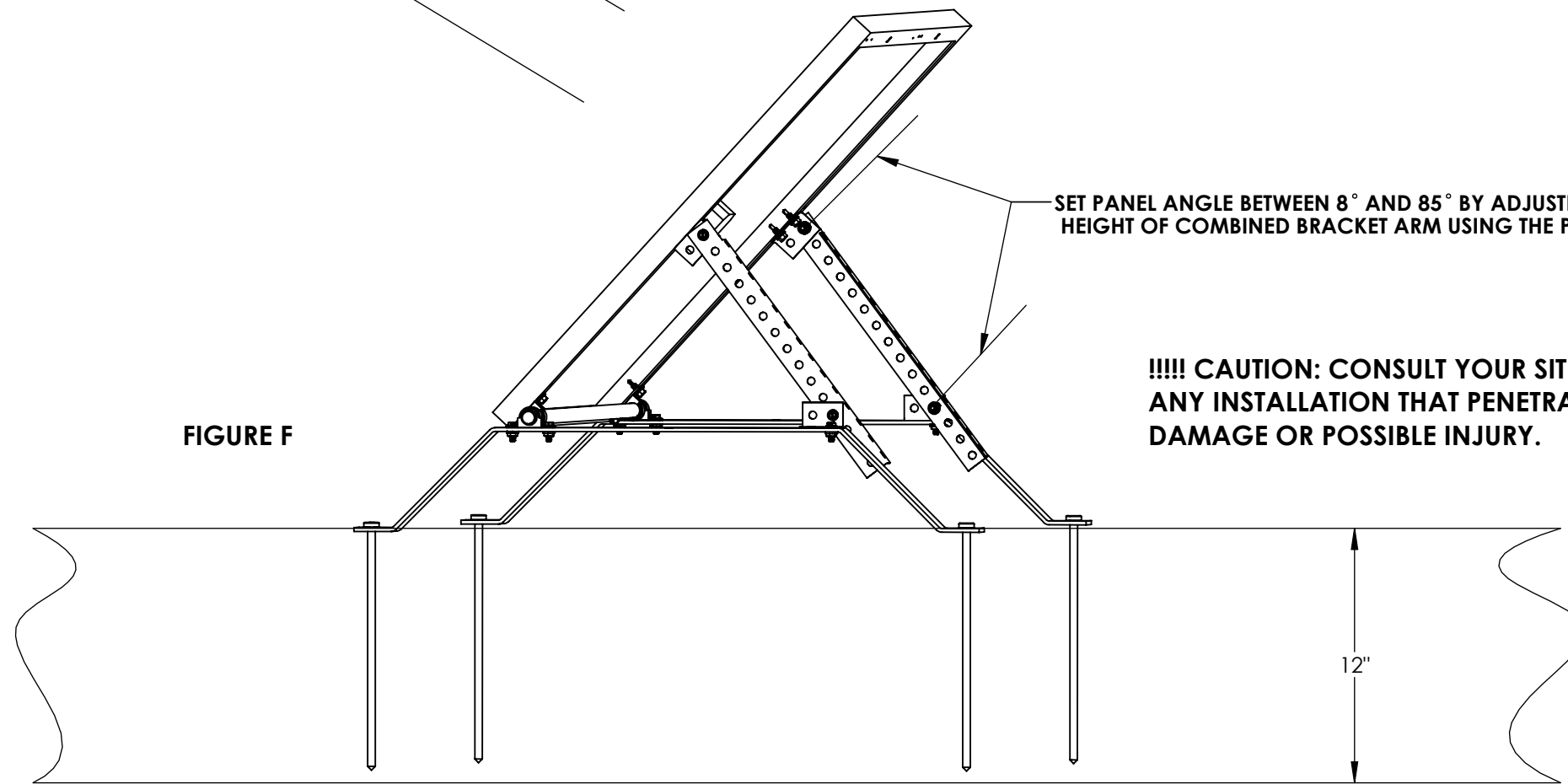
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SUCH USER POSSESSES DIRECT WRITTEN AUTHORIZATION FROM CHECKPOINT SYSTEMS

**STEP 7: FACE & ANGLE THE PANELS FOR OPTIMAL PERFORMANCE DURING THE LOWEST INSOLATION MONTH, INSTALL THE 4 GROUND SPIKES AS SEEN IN FIGURE F. CONSULT CHECKPOINT FOR DETAILED INFORMATION AT (800) 847-7867 OR SALES@CPPUMPS.COM**



**!!!! CAUTION: ENSURE THERE ARE NO OBSTRUCTIONS CASTING A SHADOW ON THE PANELS TO AVOID GREATLY REDUCING THEIR POWER OUTPUT EFFICIENCY.**

**FIGURE F**



**SET PANEL ANGLE BETWEEN 8° AND 85° BY ADJUSTING HEIGHT OF COMBINED BRACKET ARM USING THE PROTRACTOR**

**!!!! CAUTION: CONSULT YOUR SITE SUPERVISOR FOR CLEARANCE PRIOR TO PERFORMING ANY INSTALLATION THAT PENETRATES THE GROUND SURFACE TO AVOID EXISTING ASSET DAMAGE OR POSSIBLE INJURY.**

**-- DO NOT SCALE DRAWING --**  
BREAK SHARP EDGES: .005 - .010



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RADII = 0.015

TOLERANCES:  
ANGULAR: ± 0.5 deg  
DECIMAL:  
.xx ±.010      .xxx ±.005

125/      63/

<b>CheckPoint</b> Pumps & Systems	
DWG. TITLE <b>SOLAR 1 PANEL GROUND MOUNT</b>	
REV <b>-.05</b>	IGSPM2G100W0-001
SIZE <b>B</b>	
DRAWING NUMBER      SHEET 5 OF 5	

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