

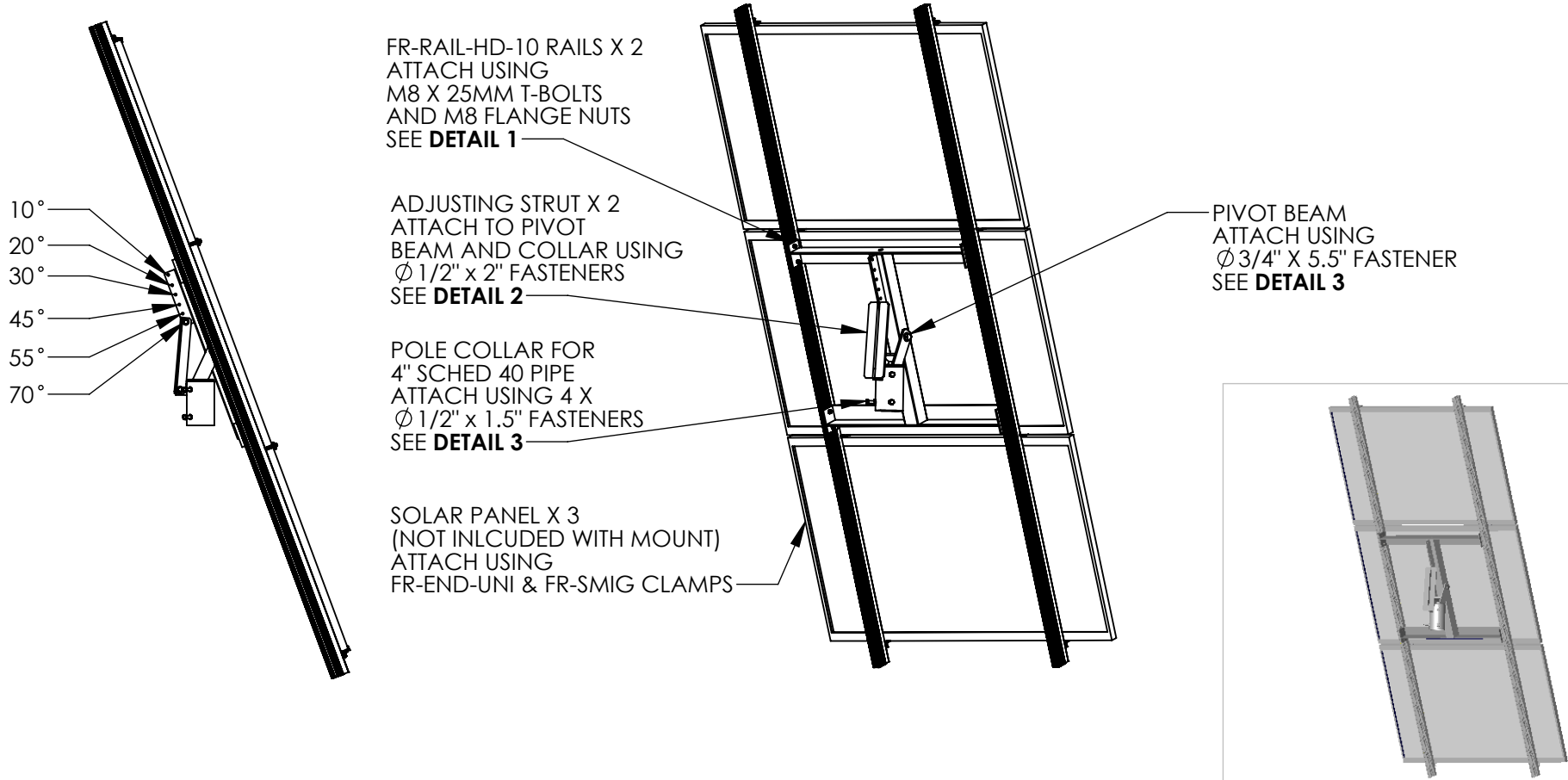
**NOTE:**  
 -INSTALLER IS RESPONSIBLE FOR PROPER  
 INSTALLATION AND FOUNDATION BASED  
 ON SITE WIND LOADING AND LOCAL BUILDING CODES.  
 -SUBJECT TO LOCAL STRUCTURAL ENGINEERING APPROVAL

**NOTE:**  
 -TO BE WIRED BY QUALIFIED TECHNICIAN  
 IN ACCORDANCE WITH LOCAL ELECTRICAL CODES.

REVISIONS				
REV.	DESCRIPTION	DATE	BY	APPROVED
-	INITIAL RELEASE	07/23/13	DP	-
A	UPDATED ASSEMBLY AND NOTES, ADDED 72C CONFIG	7/18/2017	AS	

**NOTES:**

- ① 60 CELL CONFIGURATION SHOWN
- ② -
- ③ -



H.E.S. PV

84 MORROW RD.  
 BARRIE, ON L4N 3V8  
 1-866-258-0110  
 WWW.HESPV.COM

PROJECT:

-

USED ON ASS'Y:

-

CLONE FROM:

-

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES

TOLERANCES:

FRACTIONAL  $\pm 1/16$   
 ANGULAR: MACH  $\pm$  BEND  $\pm$   
 TWO PLACE DECIMAL  $\pm 0.06$   
 THREE PLACE DECIMAL  $\pm 0.03$

INTERPRET GEOMETRIC  
 TOLERANCING PER:

MATERIAL:

FINISH:

NAME

DATE

DRAWN

DP

07/23/13

CHECKED

-

-

ENG APPR.

MFG APPR.

Q.A.

TITLE: TPM3-60C UNIVERSAL

DWG. NO.

102944

REV

A

SCALE: NTS

SHEET SIZE: A

SHEET 1 OF 5

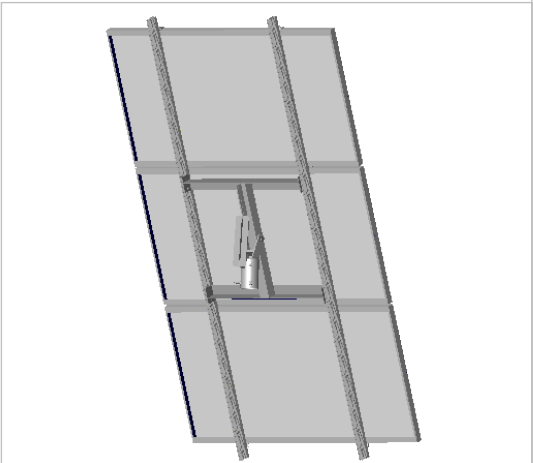
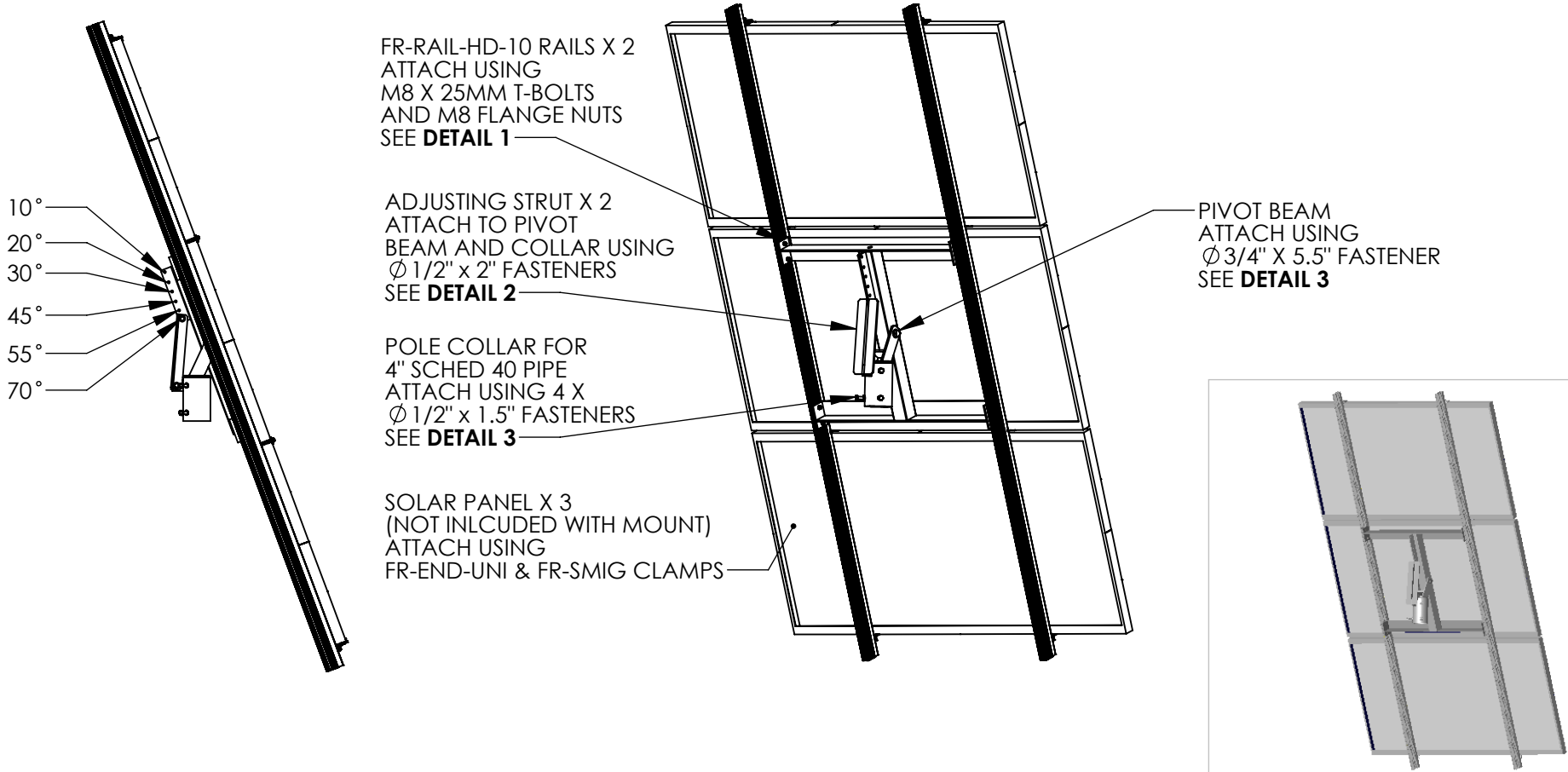
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-	INITIAL RELEASE	07/23/13	DP	-
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**NOTES:**

- ① 72 CELL CONFIGURATION SHOWN
- ② -
- ③ -



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ANGULAR: MACH  $\pm$  BEND  $\pm$

TWO PLACE DECIMAL  $\pm 0.06$

THREE PLACE DECIMAL  $\pm 0.03$

INTERPRET GEOMETRIC

TOLERANCING PER:

MATERIAL:

FINISH:

NAME

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DRAWN

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CHECKED

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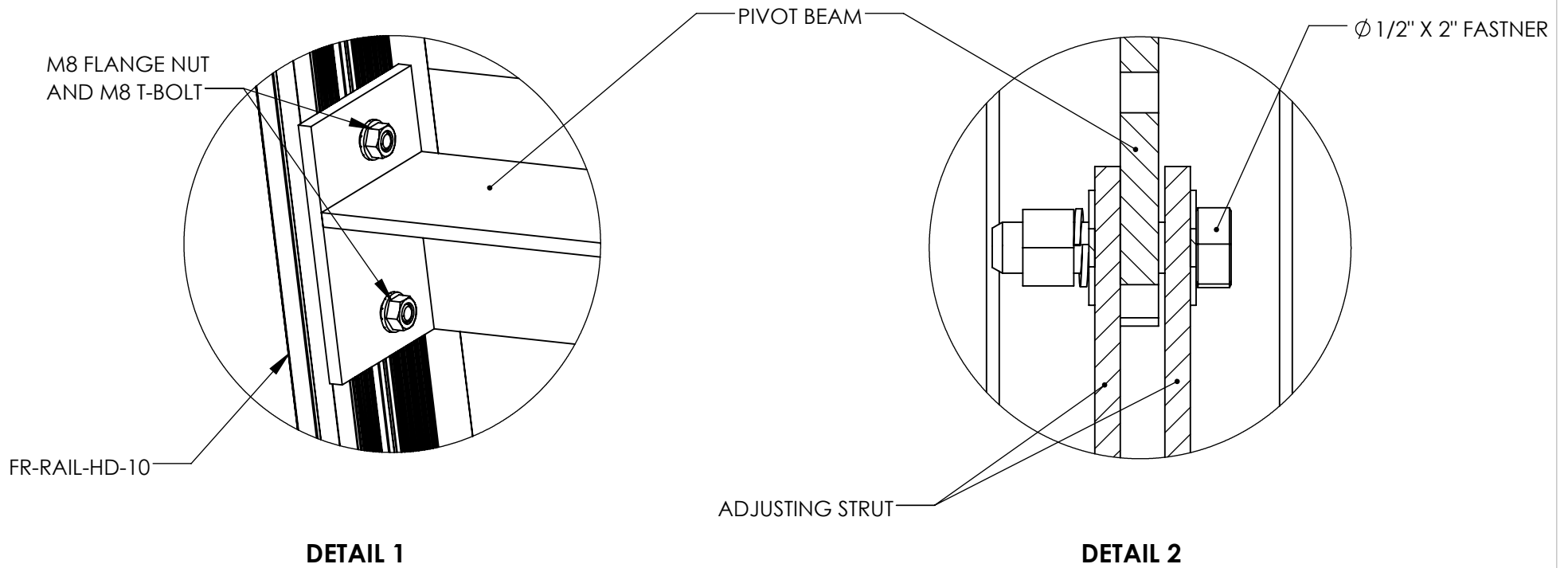
REV

A

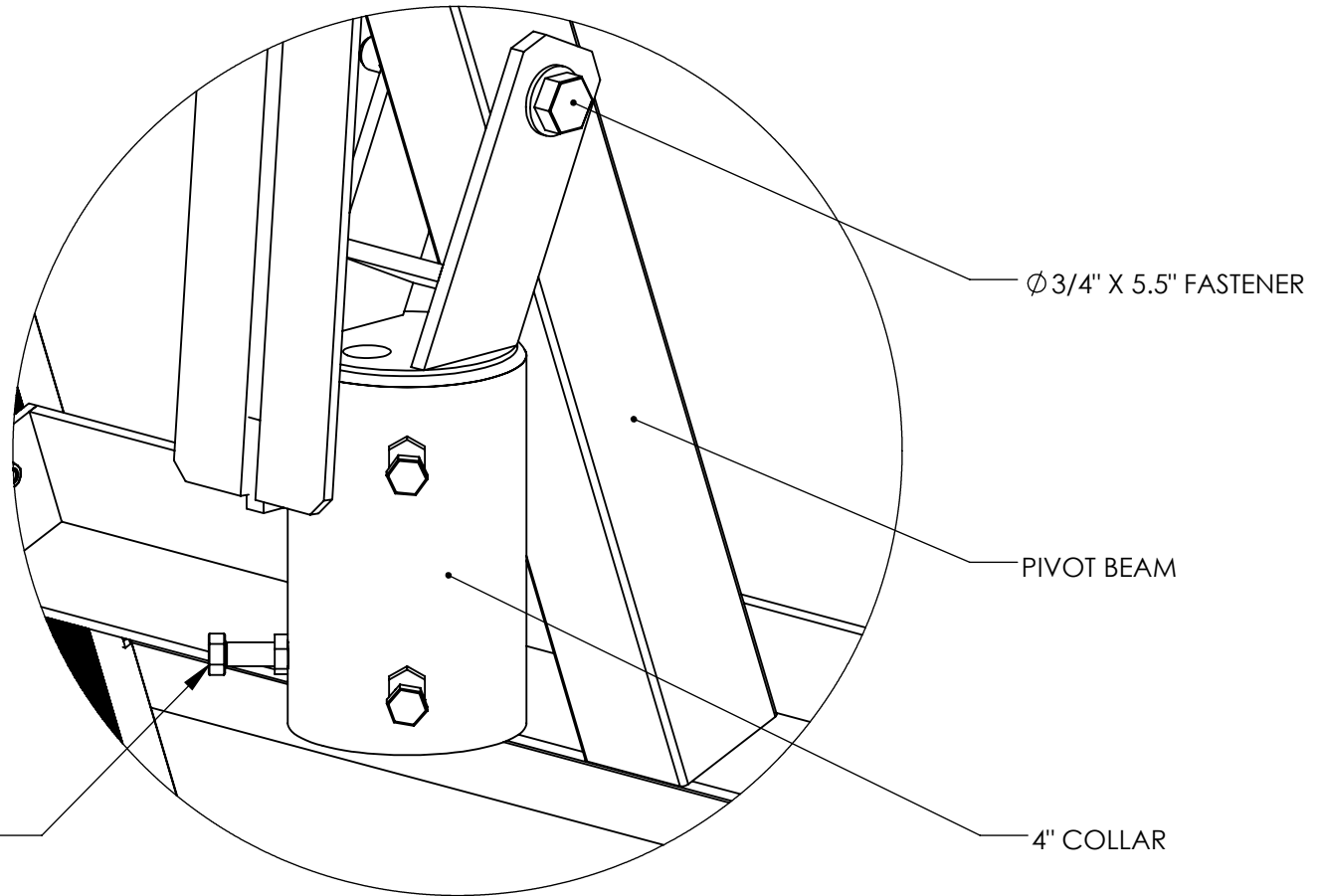
SCALE: NTS

SHEET SIZE: A

SHEET 2 OF 5

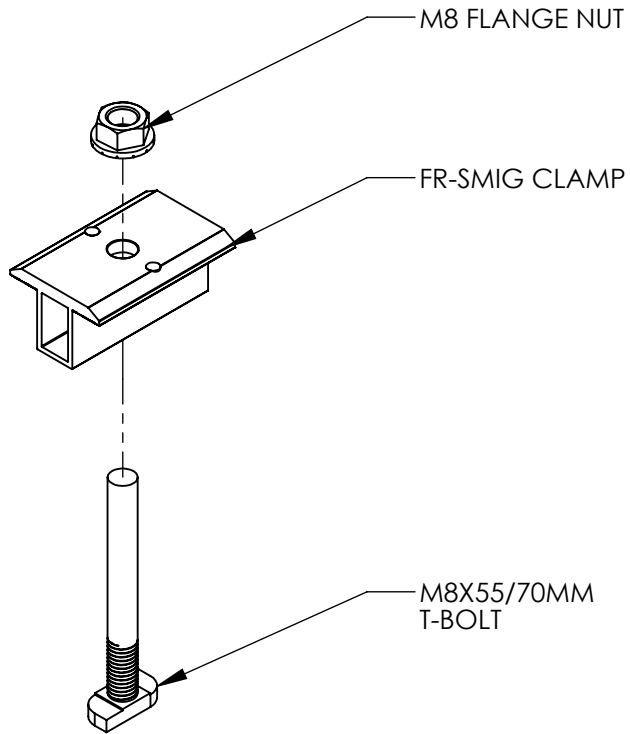


H.E.S. PV		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/16 ANGULAR: MACH ±      BEND ± TWO PLACE DECIMAL ± 0.06 THREE PLACE DECIMAL ± 0.03 INTERPRET GEOMETRIC TOLERANCING PER:		NAME	DATE	TITLE: TPM3-60C UNIVERSAL	
84 MORROW RD. BARRIE, ON L4N 3V8 1-866-258-0110 WWW.HESPV.COM		PROJECT:  -		DRAWN	DP	07/23/13	DWG. NO. <b>102944</b>
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF HOME ENERGY SOLUTIONS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF H.E.S. PV IS PROHIBITED.		USED ON ASS'Y:      -		CHECKED	-	-	
CLONE FROM:      -		MATERIAL:		ENG APPR.			
		FINISH:		MFG APPR.			
				Q.A.			SCALE: NTS    SHEET SIZE: <b>A</b> SHEET 3 OF 5

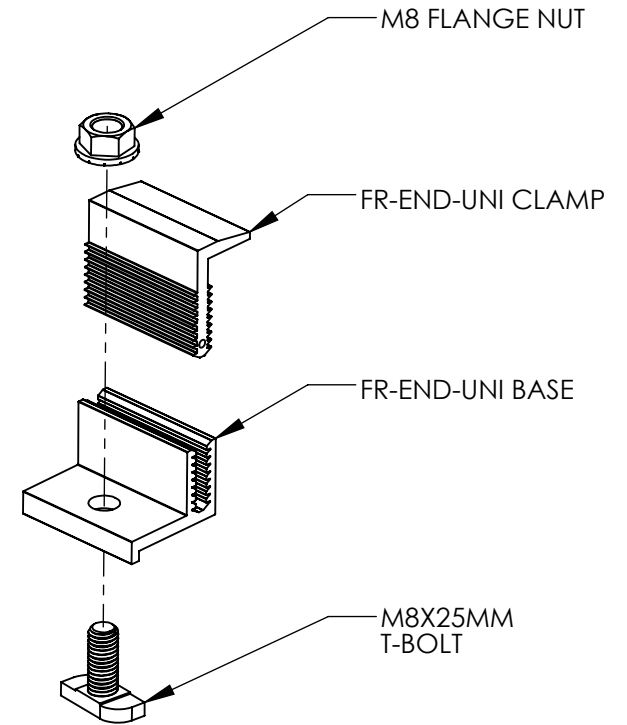


**DETAIL 3**

H.E.S. PV		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/16 ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± 0.06 THREE PLACE DECIMAL ± 0.03 INTERPRET GEOMETRIC TOLERANCING PER:		NAME	DATE	TITLE: TPM3-60C UNIVERSAL	
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		CLONE FROM:	-	ENG APPR.			SCALE: NTS
				MFG APPR.			SHEET SIZE: <b>A</b>
				Q.A.			SHEET 4 OF 5



FR-SMIG CLAMP



FR-END-UNI CLAMP

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TOLERANCING PER:

MATERIAL:

FINISH:

NAME

DRAWN DP

CHECKED - -

ENG APPR.

MFG APPR.

Q.A.

DATE

07/23/13

-

-

-

-

TITLE: TPM3-60C UNIVERSAL

DWG. NO.

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REV

A

SCALE: NTS

SHEET SIZE: A

SHEET 5 OF 5