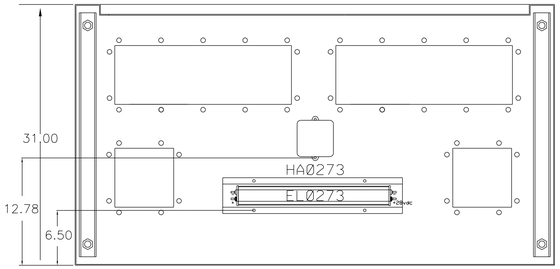
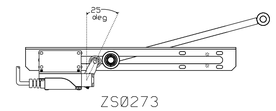
THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO SOLAR TURBINES INCORPORATED.

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
0	0	0	0
A.5		03/03/26	P. Llamedo

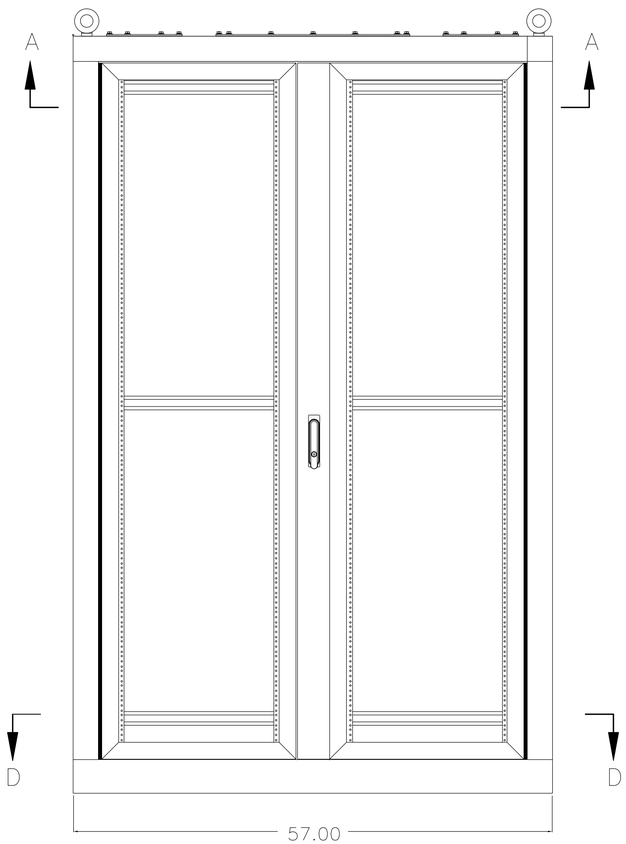


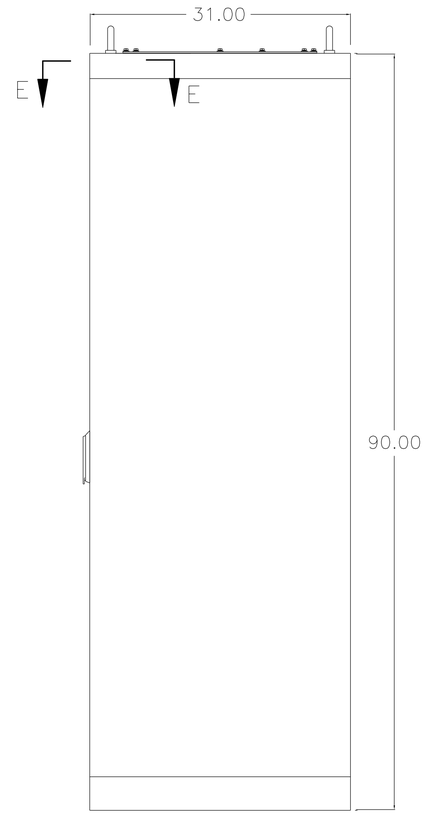
SECTION A–A

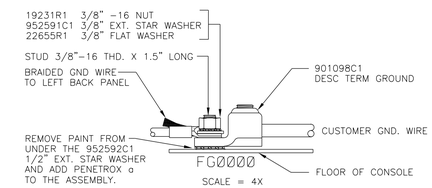


SECTION E–E

Scale 2X
Rotated 90 deg.

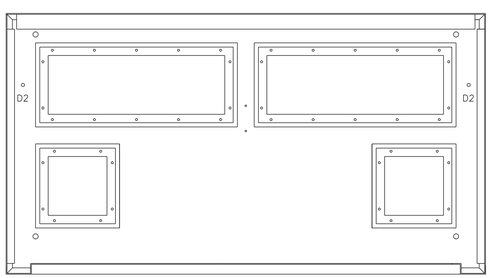






TYPICAL GROUND STUD ASSEMBLY

CONTROL CONSOLE :1006914-207



SECTION D–D

CATERPILLAR CONFIDENTIAL GREEN

"THIS COPYRIGHTED WORK AND THE INFORMATION HEREIN IS PROPRIETARY TO CATERPILLAR INC., SOLAR TURBINES INCORPORATED, AND/OR SUBSIDIARIES OF EITHER WITHOUT EXPRESS WRITTEN PERMISSION FROM CATERPILLAR INC. OR SOLAR TURBINES INCORPORATED, ANY COPYING, DISCLOSURE, OR USE EXCEPT THAT FOR WHICH IT IS LOANED, IS PROHIBITED."

DATA CONTROL LEVEL	RELEASE STAMP	SIZE	CAGE NO.		
1	PD– J1630	D	66195	Solar Turbines — A Caterpillar Company	P.O. BOX 85376 San Diego, California 92186–5376
		MFG DES ENGINEER: P. Llamedo	DATE: 11/14/25	DRAWING TITLE: ASSEMBLY CONSOLE	
		DESIGN ENGINEER: H.VOUNG	DATE: 11/14/25		

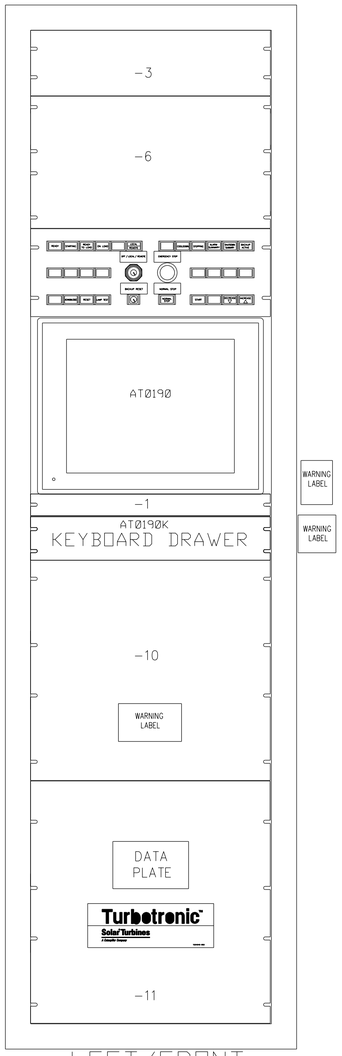
PROJECT NAME	PTTEP ARTHIT T70 CONTROLS RETROFIT	PANEL NO	Ø
MODEL	CTLM02 TURBOTRONICS 4	DWG NO. J1630–PH	SHT REV A
LOC	T:\PROJECT\LAYOUT\REV\	DWG REV A.5	SHEET 1 OF 13

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO SOLAR TURBINES INCORPORATED.

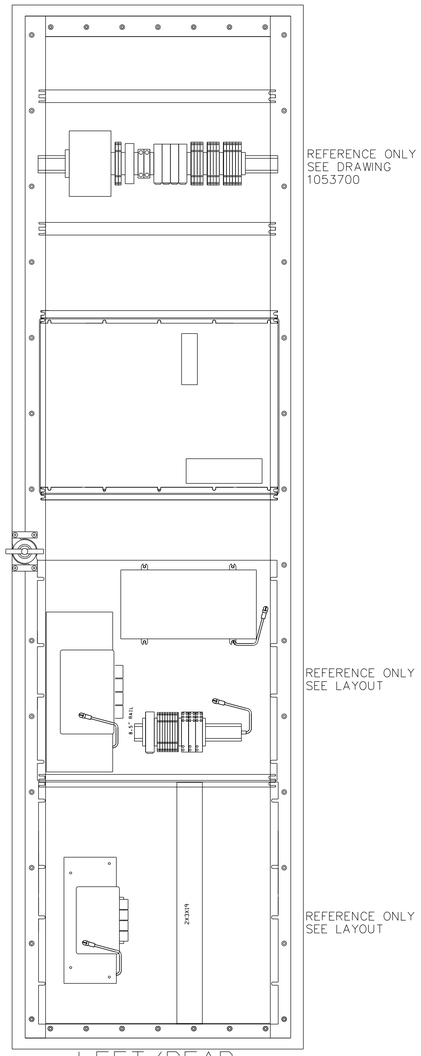
REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
0	0	0	0
A.5		03/18/26	P. Llamedo

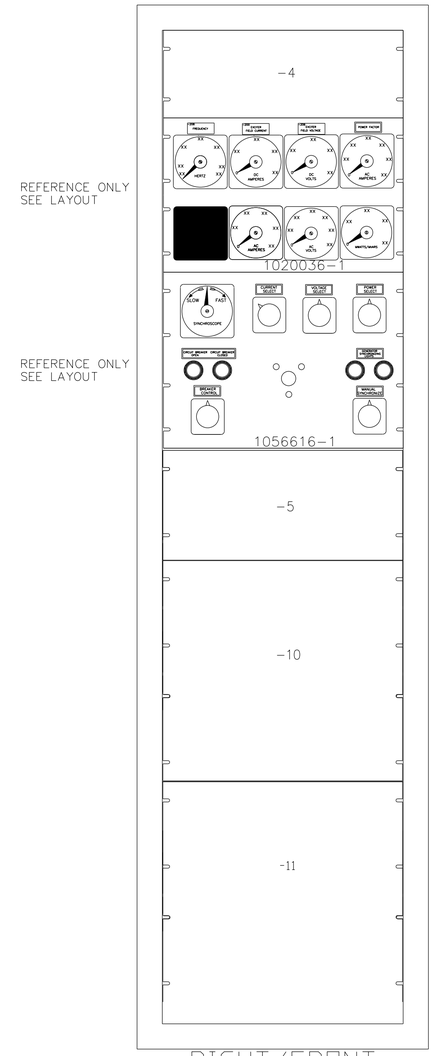
DOOR PANELS



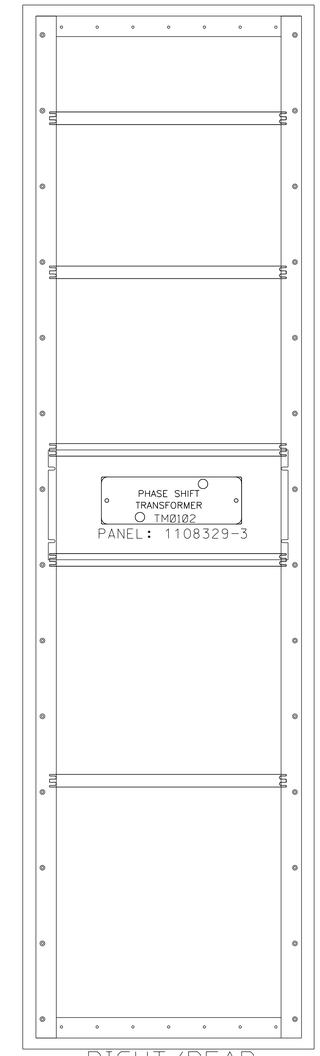
LEFT/FRONT



LEFT/REAR



RIGHT/FRONT



RIGHT/REAR

CATERPILLAR CONFIDENTIAL GREEN

"THIS COPYRIGHTED WORK AND THE INFORMATION HEREIN IS PROPRIETARY TO CATERPILLAR INC., SOLAR TURBINES INCORPORATED, AND/OR SUBSIDIARIES OF EITHER. WITHOUT EXPRESS WRITTEN PERMISSION FROM CATERPILLAR INC. OR SOLAR TURBINES INCORPORATED, ANY COPYING, DISCLOSURE, OR USE EXCEPT THAT FOR WHICH IT IS LOANED, IS PROHIBITED."

DATA CONTROL LEVEL	RELEASE STAMP	SIZE	CAGE NO.		
1	PD- J1630	D	66195	Solar Turbines A Caterpillar Company	P.O. BOX 85376 San Diego, California 92186-5376
		MFG DES ENGINEER: P. Llamedo	DATE: 11/14/25	DRAWING TITLE: CONSOLE DOOR PANEL	
		DESIGN ENGINEER: H.VOUNG	DATE: 11/14/25		

PROJECT NAME: PTTEP ARTHIT T70 CONTROLS RETROFIT

PANEL NO. 0

MODEL: CTLM02 TURBOTRONICS 4

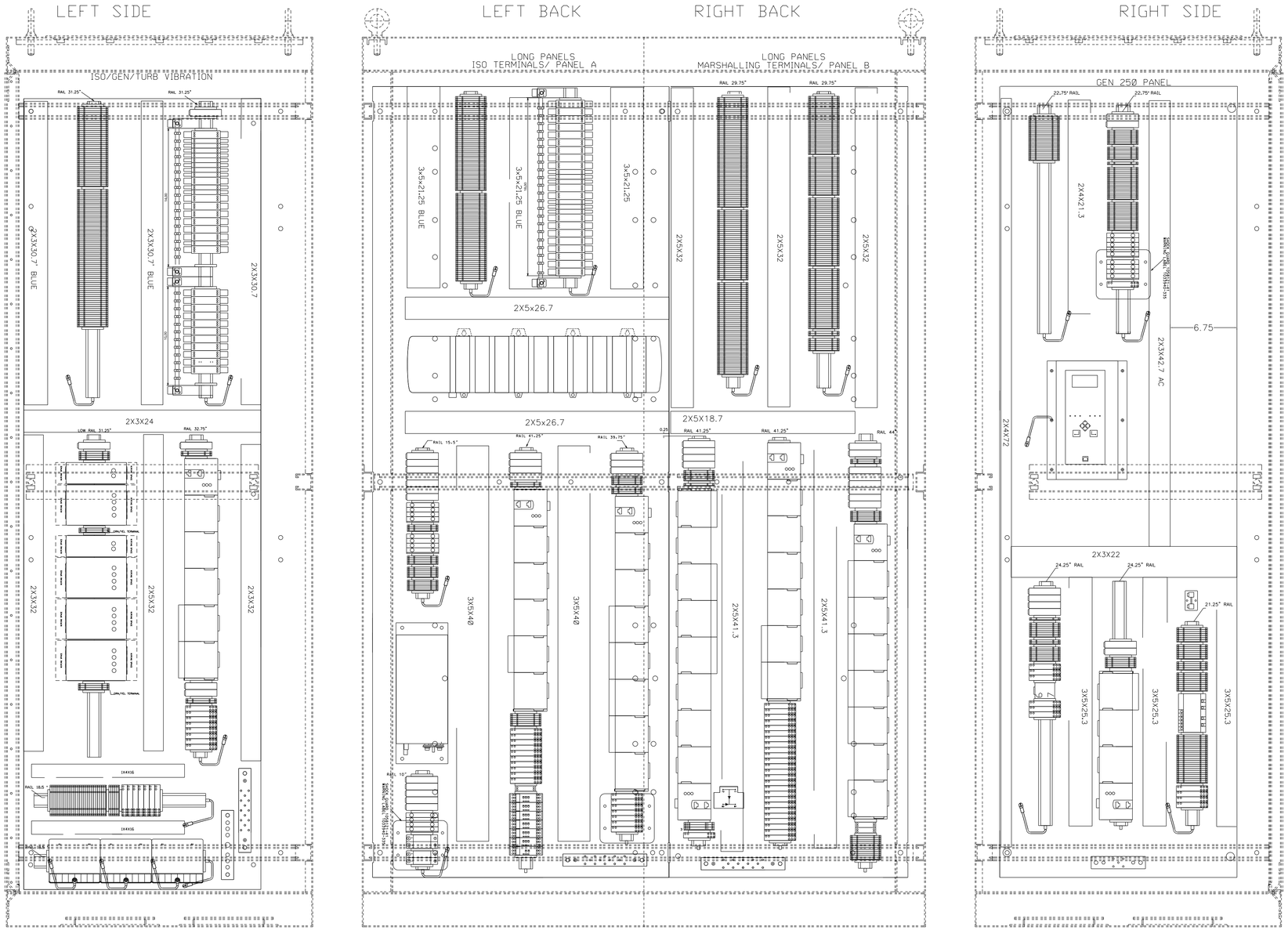
DWG NO. J1630-PH

SHT REV A.1

LOC: T:\PROJECT\LAYOUT\REV\

DWG REV A.5

SHEET 2 OF 13



THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO SOLAR TURBINES INCORPORATED.

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
0	0	0	0
A.5		03/06/26	P. Llamedo

CATERPILLAR CONFIDENTIAL GREEN

"THIS COPYRIGHTED WORK AND THE INFORMATION HEREIN IS PROPRIETARY TO CATERPILLAR INC., SOLAR TURBINES INCORPORATED, AND/OR SUBSIDIARIES OF EITHER. WITHOUT EXPRESS WRITTEN PERMISSION FROM CATERPILLAR INC. OR SOLAR TURBINES INCORPORATED, ANY COPYING, DISCLOSURE, OR USE EXCEPT THAT FOR WHICH IT IS LOANED, IS PROHIBITED."

DATA CONTROL LEVEL	RELEASE STAMP	SIZE	CAGE NO.		
1	PD– J1630	D	66195	Solar Turbines A Caterpillar Company	P.O. BOX 85376 San Diego, California 92186–5376
		MFG DES ENGINEER: P. Llamedo	DATE: 11/14/25	DRAWING TITLE: CONSOLE PANELS	
		DESIGN ENGINEER: H.VOUNG	DATE: 11/14/25		

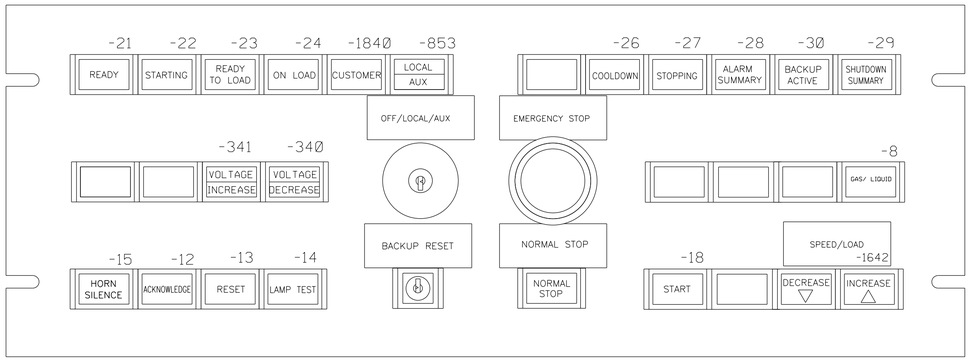
PROJECT NAME	PTTEP ARTHIT T70 CONTROLS RETROFIT	PANEL NO	Ø
MODEL	CTLM02 TURBOTRONICS 4	DWG NO. J1630–PH	SHT REV A.1
LOC	T:\PROJECT\LAYOUT\REV\	DWG REV A.5	SHEET 3 OF 13

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO SOLAR TURBINES INCORPORATED.

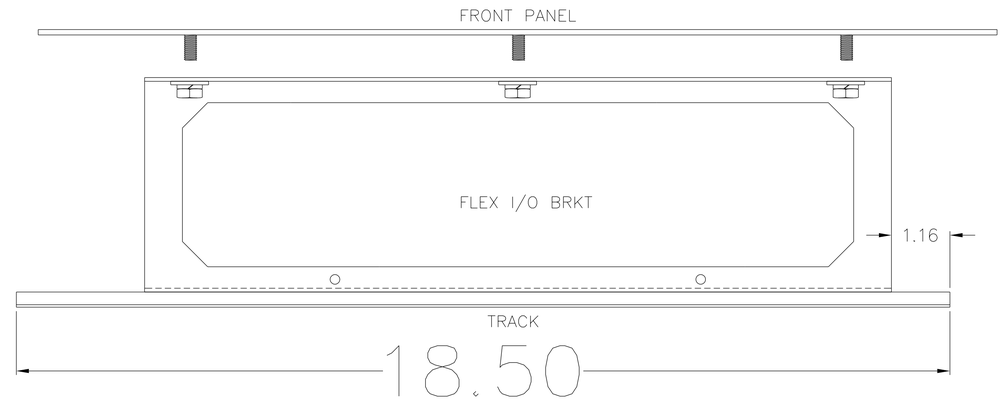
REVISION HISTORY

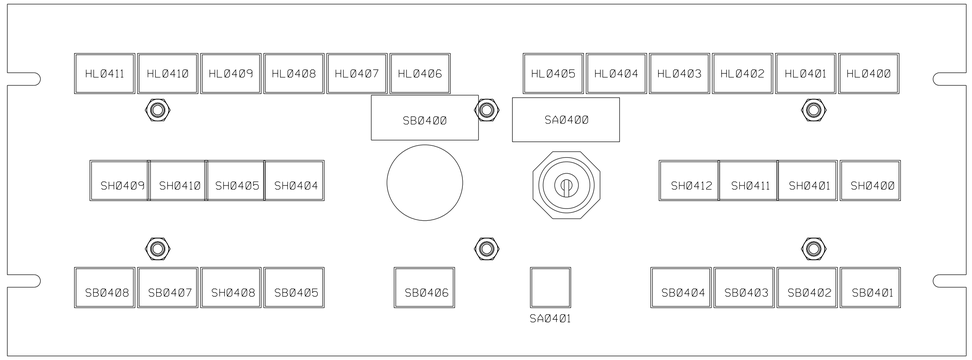
REV	DESCRIPTION	DATE	APPROVED
0	0	0	0
A.5		03/30/26	P. Llamedo

LENS CAP CORE #1035040-

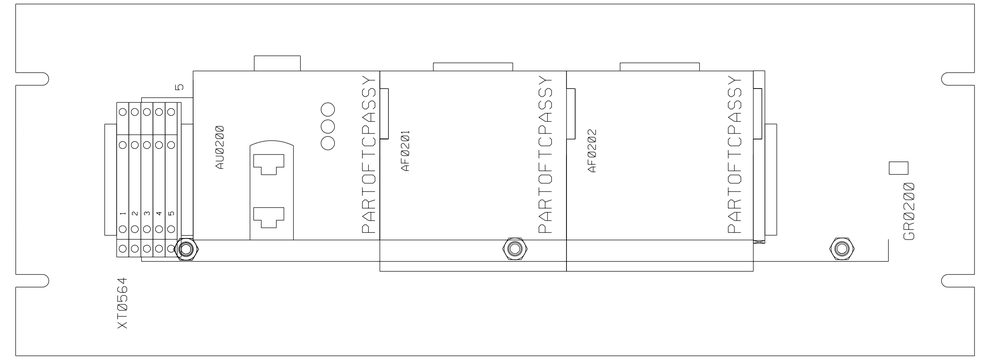


FRONT VIEW





BACK VIEW
WITH FLEX I/O REMOVED



TYP. FOR XT0564

BACK VIEW
WITH FLEX I/O INSTALLED

TCP:1507708-602

SPRING

CATERPILLAR CONFIDENTIAL GREEN
"THIS COPYRIGHTED WORK AND THE INFORMATION HEREIN IS PROPRIETARY TO CATERPILLAR INC., SOLAR TURBINES INCORPORATED, AND/OR SUBSIDIARIES OF EITHER. WITHOUT EXPRESS WRITTEN PERMISSION FROM CATERPILLAR INC. OR SOLAR TURBINES INCORPORATED, ANY COPYING, DISCLOSURE, OR USE EXCEPT THAT FOR WHICH IT IS LOANED, IS PROHIBITED."

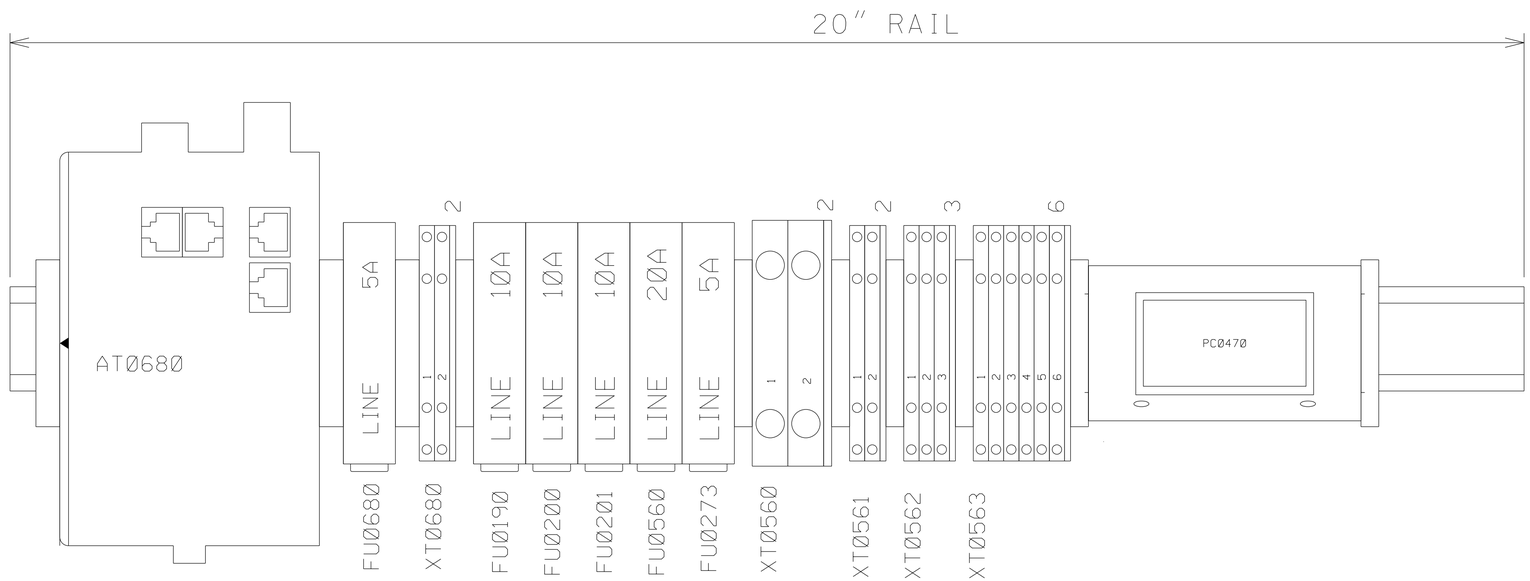
DATA CONTROL LEVEL 1	RELEASE STAMP PD- J1630	SIZE D	CAGE NO. 66195	Solar Turbines A Caterpillar Company	P.O. BOX 85376 San Diego, California 92186-5376
		MFG DES ENGINEER P. Llamedo	DATE 11/14/25	DRAWING TITLE ASSEMBLY CONTROL PANEL	
		DESIGN ENGINEER H.VOUNG	DATE 11/14/25		
PROJECT NAME PTTEP ARTHIT T70 CONTROLS RETROFIT				PANEL NO Ø	
MODEL CTLM02 TURBOTRONICS 4				DWG NO. J1630-PH	SHT REV A.1
LOC T:\PROJECT\LAYOUT\REV\				DWG REV A.5	SHEET 4 OF 13

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO SOLAR TURBINES INCORPORATED.

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
0	0	0	0
A.5		03/18/26	P. Llamedo

MOUNTED ABOVE THE TCP



SPRING

CATERPILLAR CONFIDENTIAL GREEN

"THIS COPYRIGHTED WORK AND THE INFORMATION HEREIN IS PROPRIETARY TO CATERPILLAR INC., SOLAR TURBINES INCORPORATED, AND/OR SUBSIDIARIES OF EITHER. WITHOUT EXPRESS WRITTEN PERMISSION FROM CATERPILLAR INC. OR SOLAR TURBINES INCORPORATED, ANY COPYING, DISCLOSURE, OR USE EXCEPT THAT FOR WHICH IT IS LOANED, IS PROHIBITED."

DATA CONTROL LEVEL	RELEASE STAMP	SIZE	CAGE NO.		
1	PD- J1630	D	66195	Solar Turbines A Caterpillar Company	P.O. BOX 85376 San Diego, California 92186-5376
		MFG DES ENGINEER: P. Llamedo	DATE: 11/14/25	DRAWING TITLE: PWR,DISTRIBUTION RAIL LEFT DOOR	
		DESIGN ENGINEER: H.VOUNG	DATE: 11/14/25		

PROJECT NAME	PTTEP ARTHIT T70 CONTROLS RETROFIT	PANEL NO	Ø
MODEL	CTLM02 TURBOTRONICS 4	DWG NO. J1630-PH	SHT REV A.1
LOC	T:\PROJECT\LAYOUT\REV\	DWG REV A.5	SHEET 5 OF 13

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO SOLAR TURBINES INCORPORATED.

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
672	T:\149332\Rev270\1051932-270.dwg	5/3/2010	M. Nguyen
A.5		03/03/26	P. Llamedo

INSTALL COVER
1014821-100

REAR VIEW

FLEXI GLASS COVER AND 6 PCS STANDOFF FOR METERS
P/N: 1058121-90

PANEL: 1020036-1

CATERPILLAR CONFIDENTIAL GREEN

"THIS COPYRIGHTED WORK AND THE INFORMATION HEREIN IS PROPRIETARY TO CATERPILLAR INC., SOLAR TURBINES INCORPORATED, AND/OR SUBSIDIARIES OF EITHER. WITHOUT EXPRESS WRITTEN PERMISSION FROM CATERPILLAR INC. OR SOLAR TURBINES INCORPORATED, ANY COPYING, DISCLOSURE, OR USE EXCEPT THAT FOR WHICH IT IS LOANED, IS PROHIBITED."

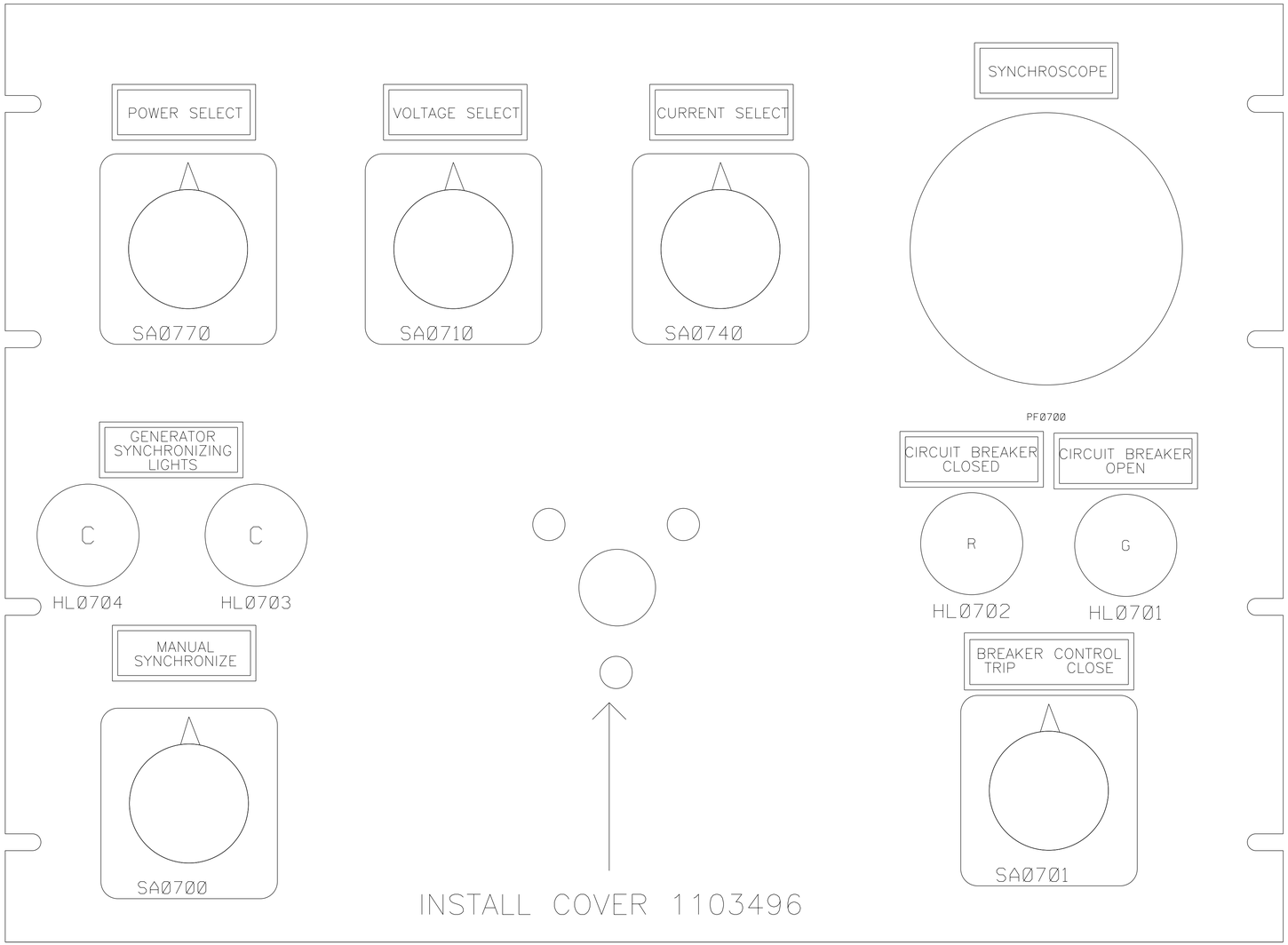
DATA CONTROL LEVEL	RELEASE STAMP	SIZE	CAGE NO.		
1	PD-J1630	D	66195	Solar Turbines A Caterpillar Company	P.O. BOX 85376 San Diego, California 92186-5376
		MFG DES ENGINEER: P. Llamedo	DATE: 11/14/25	DRAWING TITLE: METER PANEL	
		DESIGN ENGINEER: H.VOUNG	DATE: 11/14/25		

PROJECT NAME: PTTEP ARTHIT T70 CONTROLS RETROFIT
PANEL NO. 1051932M
MODEL: CTLM02 TURBOTRONICS 4
DWG NO. J1630-149448
SHT REV A
LOC: T:\PROJECT\LAYOUT\REV\
DWG REV A.5
SHEET 6 OF 13

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO SOLAR TURBINES INCORPORATED.

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
672	T:\149332\Rev270\1051932-270.dwg	5/3/2010	M. Nguyen
A.5		03/03/26	P. Llamedo



REAR VIEW

FLEXI GLASS COVER AND 6 PCS STANDOFF FOR METERS
P/N: 1058121-90

PANEL: 1056616-2

CATERPILLAR CONFIDENTIAL GREEN

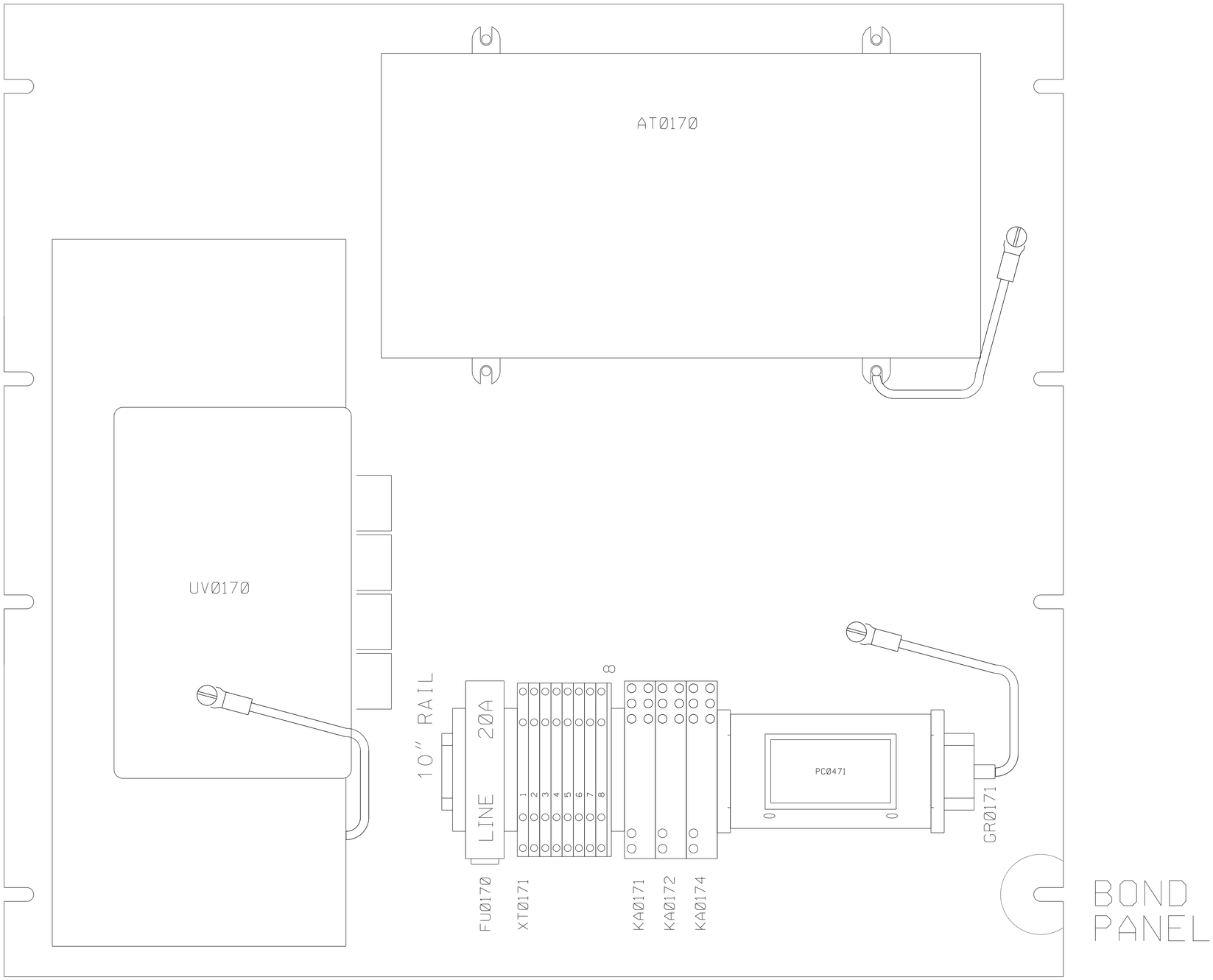
"THIS COPYRIGHTED WORK AND THE INFORMATION HEREIN IS PROPRIETARY TO CATERPILLAR INC., SOLAR TURBINES INCORPORATED, AND/OR SUBSIDIARIES OF EITHER, WITHOUT EXPRESS WRITTEN PERMISSION FROM CATERPILLAR INC. OR SOLAR TURBINES INCORPORATED, ANY COPYING, DISCLOSURE, OR USE EXCEPT THAT FOR WHICH IT IS LOANED, IS PROHIBITED."

DATA CONTROL LEVEL 1	RELEASE STAMP PD-J1630	SIZE D	CAGE NO. 66195	Solar Turbines A Caterpillar Company	P.O. BOX 85376 San Diego, California 92186-5376
		MFG DES ENGINEER P. Llamedo	DATE 11/14/25	DRAWING TITLE SWITCH PANEL	
		DESIGN ENGINEER H.VOUNG	DATE 11/14/25		
PROJECT NAME PTTEP ARTHIT T70 CONTROLS RETROFIT				PANEL NO. 1051932S	
MODEL CTLM02 TURBOTRONICS 4				DWG NO. J1630-149448	SHT REV A
LOC T:\PROJECT\LAYOUT\REV\				DWG REV A.5	SHEET 7 OF 13

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO SOLAR TURBINES INCORPORATED.

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
0	0	0	0
A.5		03/03/26	P. Llamedo



MOUNT ON DOOR
PANEL: 1058134-41

CATERPILLAR CONFIDENTIAL GREEN

"THIS COPYRIGHTED WORK AND THE INFORMATION HEREIN IS PROPRIETARY TO CATERPILLAR INC., SOLAR TURBINES INCORPORATED, AND/OR SUBSIDIARIES OF EITHER. WITHOUT EXPRESS WRITTEN PERMISSION FROM CATERPILLAR INC. OR SOLAR TURBINES INCORPORATED, ANY COPYING, DISCLOSURE, OR USE EXCEPT THAT FOR WHICH IT IS LOANED, IS PROHIBITED."

DATA CONTROL LEVEL	RELEASE STAMP	SIZE	CAGE NO.		
1	PD- J1630	D	66195	Solar Turbines A Caterpillar Company	P.O. BOX 85376 San Diego, California 92186-5376
		MFG DES ENGINEER: P. Llamedo	DATE: 11/14/25	DRAWING TITLE: FIRE SYSTEM CONTROLLER PANEL	
		DESIGN ENGINEER: H.VOUNG	DATE: 11/14/25		

PROJECT NAME: PTTEP ARTHIT T70 CONTROLS RETROFIT

PANEL NO: 0

MODEL: CTLM02 TURBOTRONICS 4

DWG NO. J1630-PH

SHT REV A

LOC: T:\PROJECT\LAYOUT\REV\

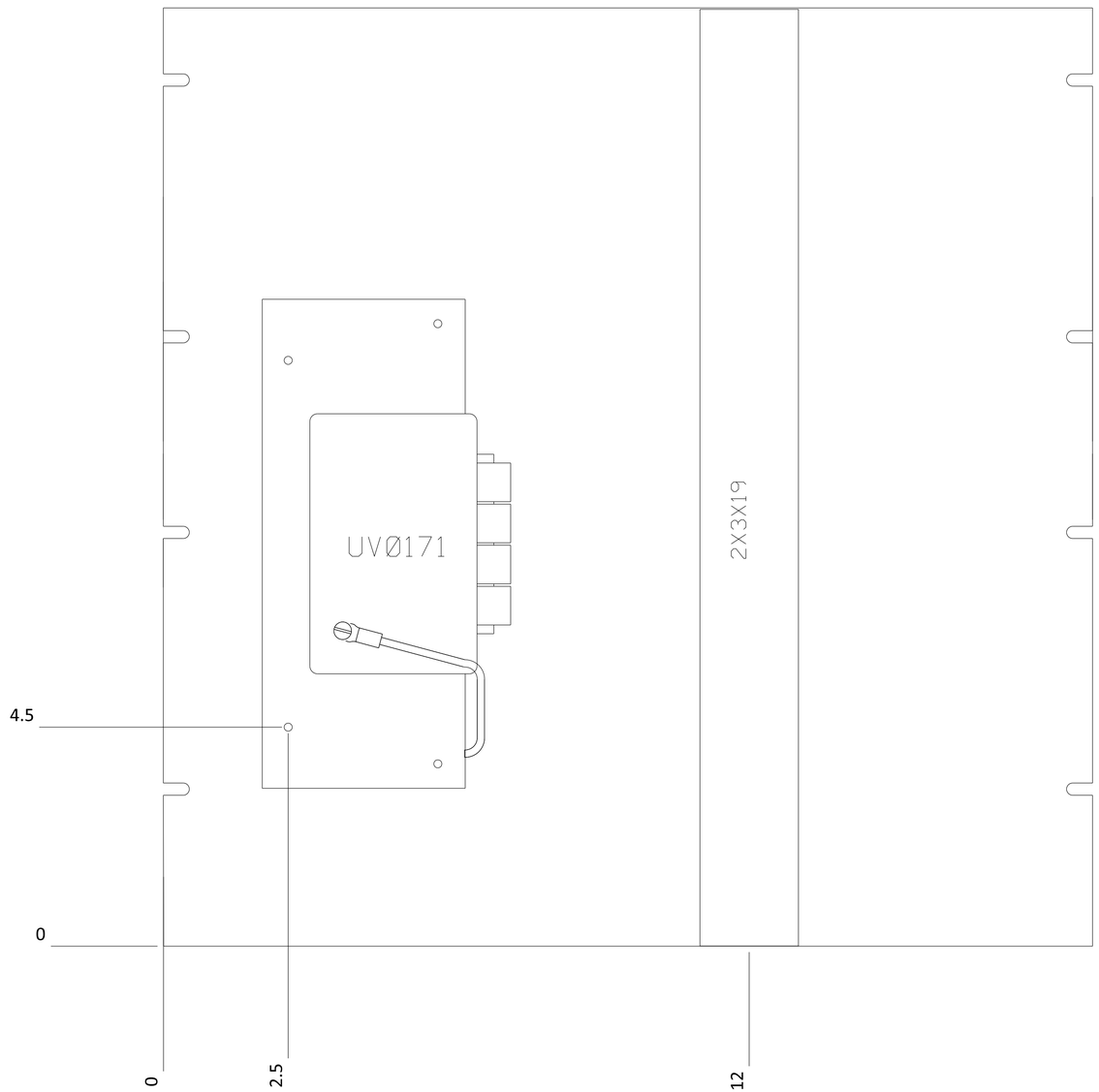
DWG REV A.5

SHEET 8 OF 13

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO SOLAR TURBINES INCORPORATED.

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
0	0	0	0
A.5		03/03/26	P. Llamedo



NON PAINTED SIDE
PANEL: 1006616-11

CATERPILLAR CONFIDENTIAL GREEN

"THIS COPYRIGHTED WORK AND THE INFORMATION HEREIN IS PROPRIETARY TO CATERPILLAR INC., SOLAR TURBINES INCORPORATED, AND/OR SUBSIDIARIES OF EITHER. WITHOUT EXPRESS WRITTEN PERMISSION FROM CATERPILLAR INC. OR SOLAR TURBINES INCORPORATED, ANY COPYING, DISCLOSURE, OR USE EXCEPT THAT FOR WHICH IT IS LOANED, IS PROHIBITED."

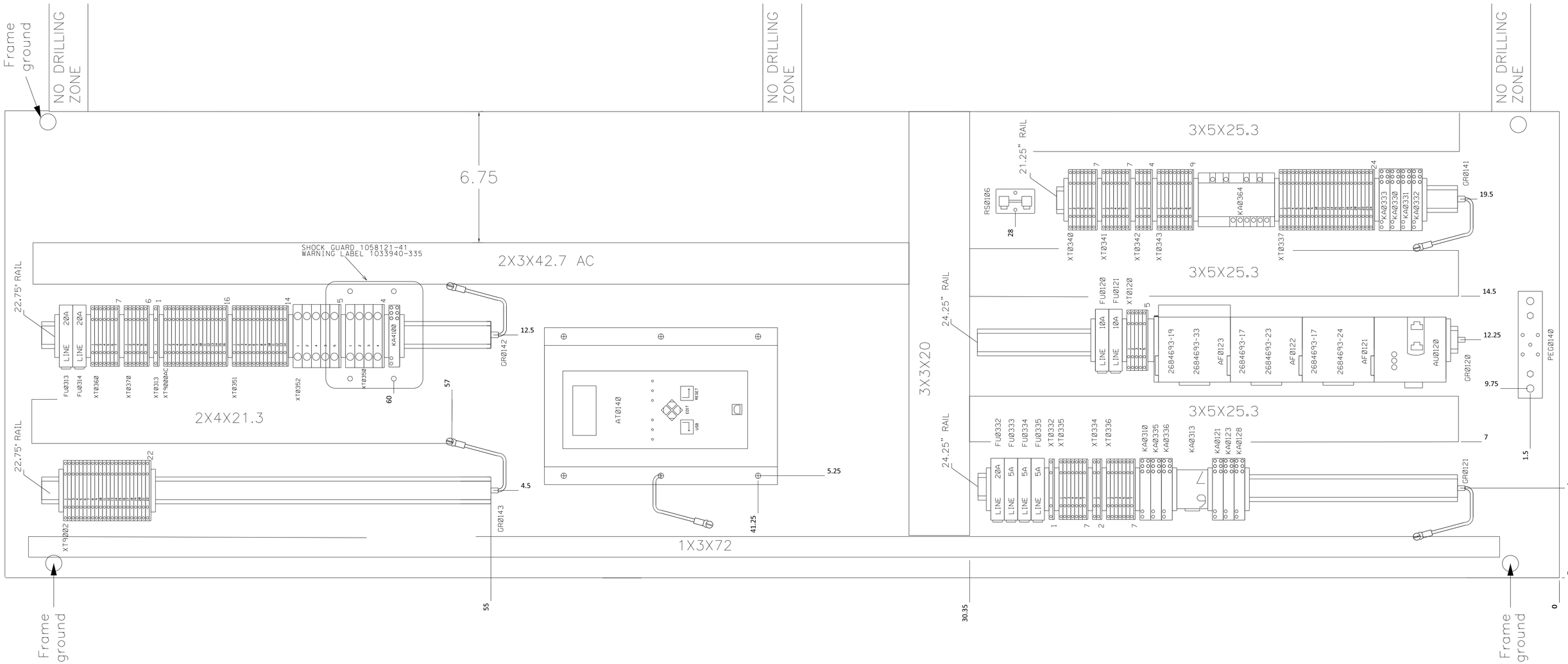
DATA CONTROL LEVEL	RELEASE STAMP	SIZE	CAGE NO.		
1	PD-J1630	D	66195	Solar Turbines A Caterpillar Company	P.O. BOX 85376 San Diego, California 92186-5376
		MFG DES ENGINEER: P. Llamedo	DATE: 11/14/25	DRAWING TITLE: FIRE SYSTEM PANEL	
		DESIGN ENGINEER: H.VOUNG	DATE: 11/14/25		

PROJECT NAME: PTTEP ARTHIT T70 CONTROLS RETROFIT
PANEL NO: 0
MODEL: CTLM02 TURBOTRONICS 4
DWG NO. J1630-PH
SHT REV A
LOC: T:\PROJECT\LAYOUT\REV\
DWG REV A.5
SHEET 9 OF 13

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO SOLAR TURBINES INCORPORATED.

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
0	0	0	0
A.5		04/30/26	P. Llamedo



SPRING PANEL:231490-4

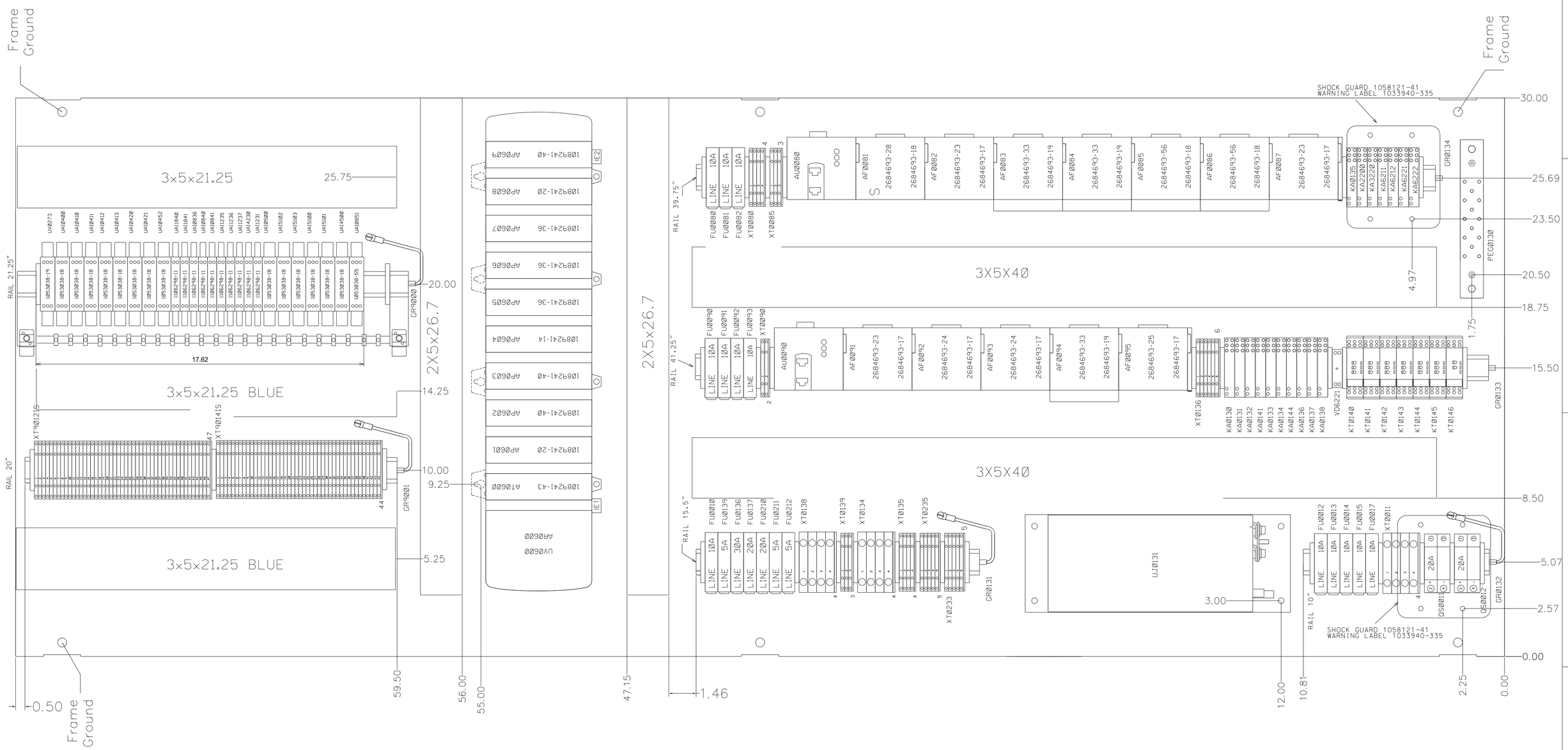
CATERPILLAR CONFIDENTIAL GREEN
"THIS COPYRIGHTED WORK AND THE INFORMATION HEREIN IS PROPRIETARY TO CATERPILLAR INC., SOLAR TURBINES INCORPORATED, AND/OR SUBSIDIARIES OF EITHER. WITHOUT EXPRESS WRITTEN PERMISSION FROM CATERPILLAR INC. OR SOLAR TURBINES INCORPORATED, ANY COPYING, DISCLOSURE, OR USE EXCEPT THAT FOR WHICH IT IS LOANED, IS PROHIBITED."

DATA CONTROL LEVEL	RELEASE STAMP	SIZE	CAGE NO.		
1	PD- J1630	D	66195	Solar Turbines A Caterpillar Company	P.O. BOX 85376 San Diego, California 92186-5376
		MFG DES ENGINEER: P. Llamedo	DATE: 11/14/25	DRAWING TITLE: GENERATOR DECS250 PANEL	
		DESIGN ENGINEER: H.VOUNG	DATE: 11/14/25		
PROJECT NAME: PTTEP ARTHIT T70 CONTROLS RETROFIT				PANEL NO. Ø	
MODEL: CTLM02 TURBOTRONICS 4				DWG NO. J1630-PH	SHT REV A.4
LOC: T:\PROJECT\LAYOUT\REV\				DWG REV A.5	SHEET 10 OF 13

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO SOLAR TURBINES INCORPORATED.

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
710	T:\149332\Rev270\1052197-270.dwg	5/3/2010	M. Nguyen
A.5		04/09/26	P. Llamedo



SPRING PANEL 231490-3

CATERPILLAR CONFIDENTIAL GREEN

"THIS COPYRIGHTED WORK AND THE INFORMATION HEREIN IS PROPRIETARY TO CATERPILLAR INC., SOLAR TURBINES INCORPORATED, AND/OR SUBSIDIARIES OF EITHER. WITHOUT EXPRESS WRITTEN PERMISSION FROM CATERPILLAR INC. OR SOLAR TURBINES INCORPORATED, ANY COPYING, DISCLOSURE, OR USE EXCEPT THAT FOR WHICH IT IS LOANED, IS PROHIBITED."

DATA CONTROL LEVEL	RELEASE STAMP	SIZE	CAGE NO.		
1	PD- J1630	D	66195	Solar Turbines — A Caterpillar Company	P.O. BOX 85376 San Diego, California 92186-5376
		MFG DES ENGINEER: P. Llamedo	DATE: 11/14/25	DRAWING TITLE: A PANEL CONTROL CONSOLE	
		DESIGN ENGINEER: H.VOUNG	DATE: 11/14/25		

PROJECT NAME: PTTEP ARTHIT T70 CONTROLS RETROFIT

PANEL NO. 1052197

MODEL: CTLM02 TURBOTRONICS 4

DWG NO. J1630-149448

SHT REV A.3

LOC: T:\PROJECT\LAYOUT\REV\

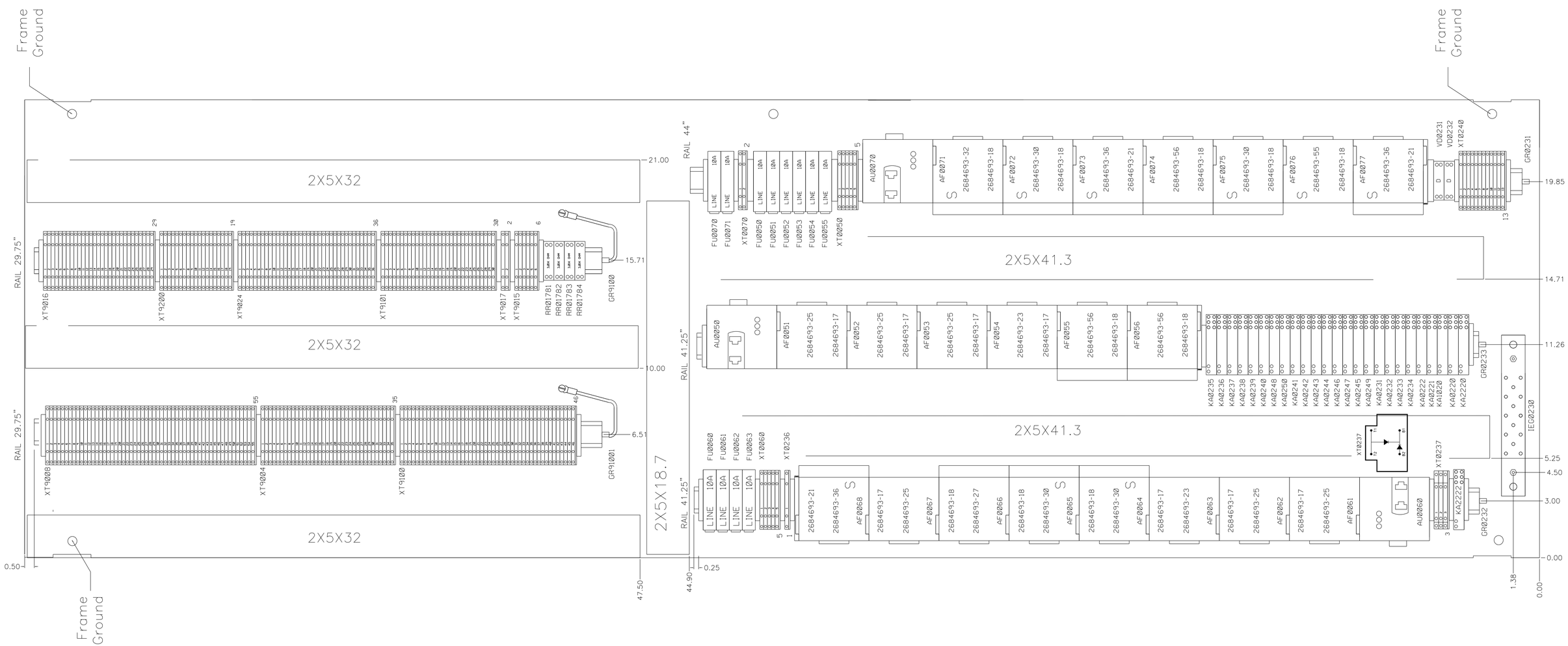
DWG REV A.5

SHEET 11 OF 13

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO SOLAR TURBINES INCORPORATED.

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
710	T:\149332\Rev270\1052198-270.dwg	5/3/2010	M. Nguyen
A.5		04/30/26	P. Llamedo



SPRING PANEL 231490-4

CATERPILLAR CONFIDENTIAL GREEN

"THIS COPYRIGHTED WORK AND THE INFORMATION HEREIN IS PROPRIETARY TO CATERPILLAR INC., SOLAR TURBINES INCORPORATED, AND/OR SUBSIDIARIES OF EITHER. WITHOUT EXPRESS WRITTEN PERMISSION FROM CATERPILLAR INC. OR SOLAR TURBINES INCORPORATED, ANY COPYING, DISCLOSURE, OR USE EXCEPT THAT FOR WHICH IT IS LOANED, IS PROHIBITED."

DATA CONTROL LEVEL	RELEASE STAMP	SIZE	CAGE NO.		
1	PD-J1630	D	66195	Solar Turbines A Caterpillar Company	P.O. BOX 85376 San Diego, California 92186-5376
		MFG DES ENGINEER: P. Llamedo	DATE: 11/14/25	DRAWING TITLE: B PANEL CONTROL CONSOLE	
		DESIGN ENGINEER: H.VOUNG	DATE: 11/14/25		

PROJECT NAME: PTTEP ARTHIT T70 CONTROLS RETROFIT

MODEL: CTLM02 TURBOTRONICS 4

LOC: T:\PROJECT\LAYOUT\REV\

PANEL NO. 1052198

DWG NO. J1630-149448 SHT REV A.4

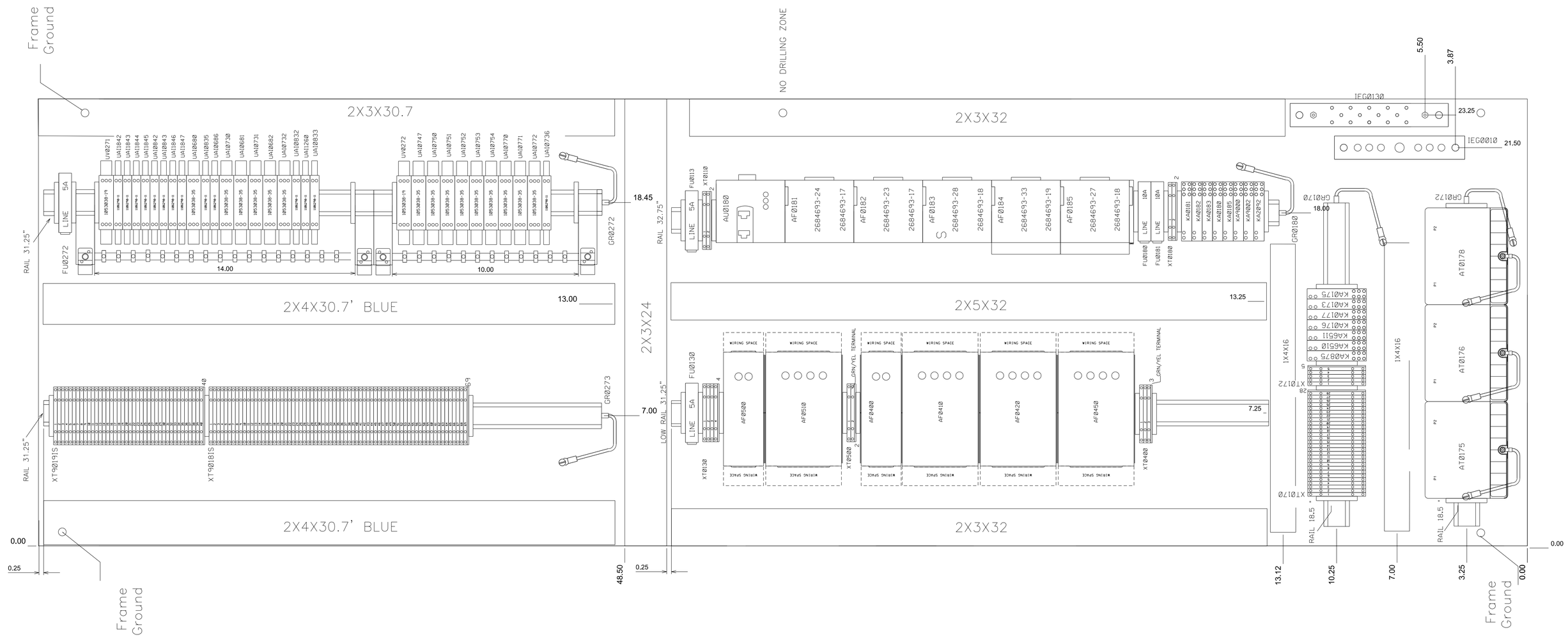
DWG REV A.5

SHEET 12 OF 13

THIS PRINT IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO SOLAR TURBINES INCORPORATED.

REVISION HISTORY

REV	DESCRIPTION	DATE	APPROVED
620	T:\149332\Rev270\1052200-270.dwg	5/3/2010	M. Nguyen
A.5		04/15/26	P. Llamedo



SPRING PANEL:231490-4

CATERPILLAR CONFIDENTIAL GREEN

"THIS COPYRIGHTED WORK AND THE INFORMATION HEREIN IS PROPRIETARY TO CATERPILLAR INC., SOLAR TURBINES INCORPORATED, AND/OR SUBSIDIARIES OF EITHER. WITHOUT EXPRESS WRITTEN PERMISSION FROM CATERPILLAR INC. OR SOLAR TURBINES INCORPORATED, ANY COPYING, DISCLOSURE, OR USE EXCEPT THAT FOR WHICH IT IS LOANED, IS PROHIBITED."

DATA CONTROL LEVEL	RELEASE STAMP	SIZE	CAGE NO.	Solar Turbines A Caterpillar Company	P.O. BOX 85376 San Diego, California 92186-5376
2	PD-J1630	D	66195		
		MFG DES ENGINEER: P. Llamedo	DATE: 11/14/25	DRAWING TITLE: VIBRATION PANEL LEFT SIDE CONTROL CONSOLE	
		DESIGN ENGINEER: H.VOUNG	DATE: 11/14/25		

PROJECT NAME: PTTEP ARTHIT T70 CONTROLS RETROFIT
PANEL NO. 1052200
MODEL: CTLM02 TURBOTRONICS 4
DWG NO. J1630-149448
SHT REV A.4
LOC: T:\PROJECT\LAYOUT\REV\
DWG REV A.5
SHEET 13 OF 13