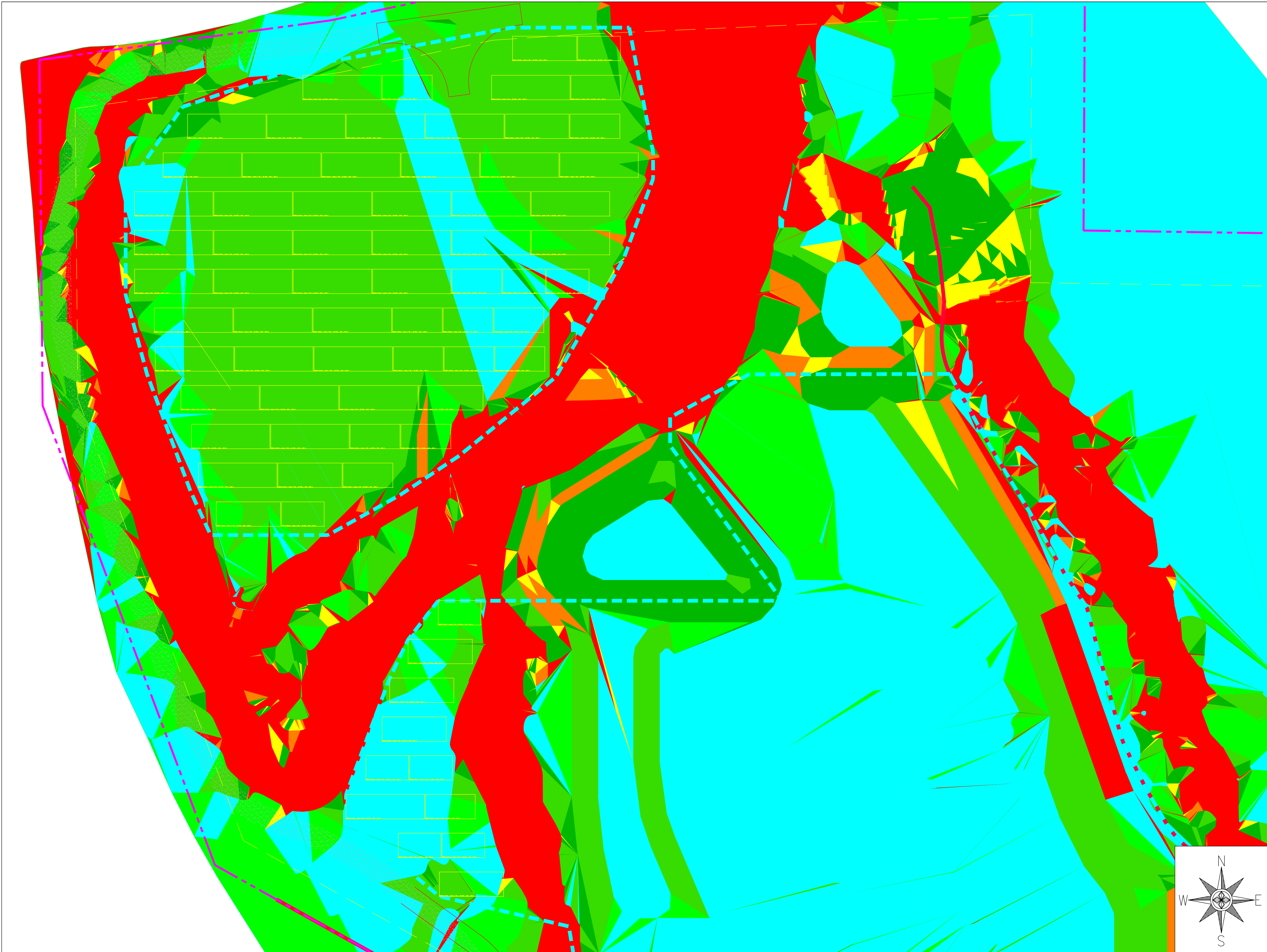




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FORT MYERS, FL 33913
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WWW.TERRASMART.COM

PROJECT INFORMATION

TITLE & ADDRESS
BORELLI SOLAR - ALLCO FINANCE LTD 197 BORELLI RD. EAST HAVEN, CONNECTICUT 06511 UNITED STATES
PROJECT NUMBER: 25-34696
DRAWN BY: JK
DRAWING TYPE: HEAT MAP
REVISION NUMBER: 2
SHEET NUMBER

G102

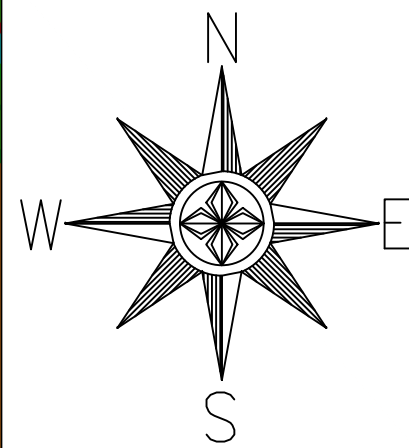


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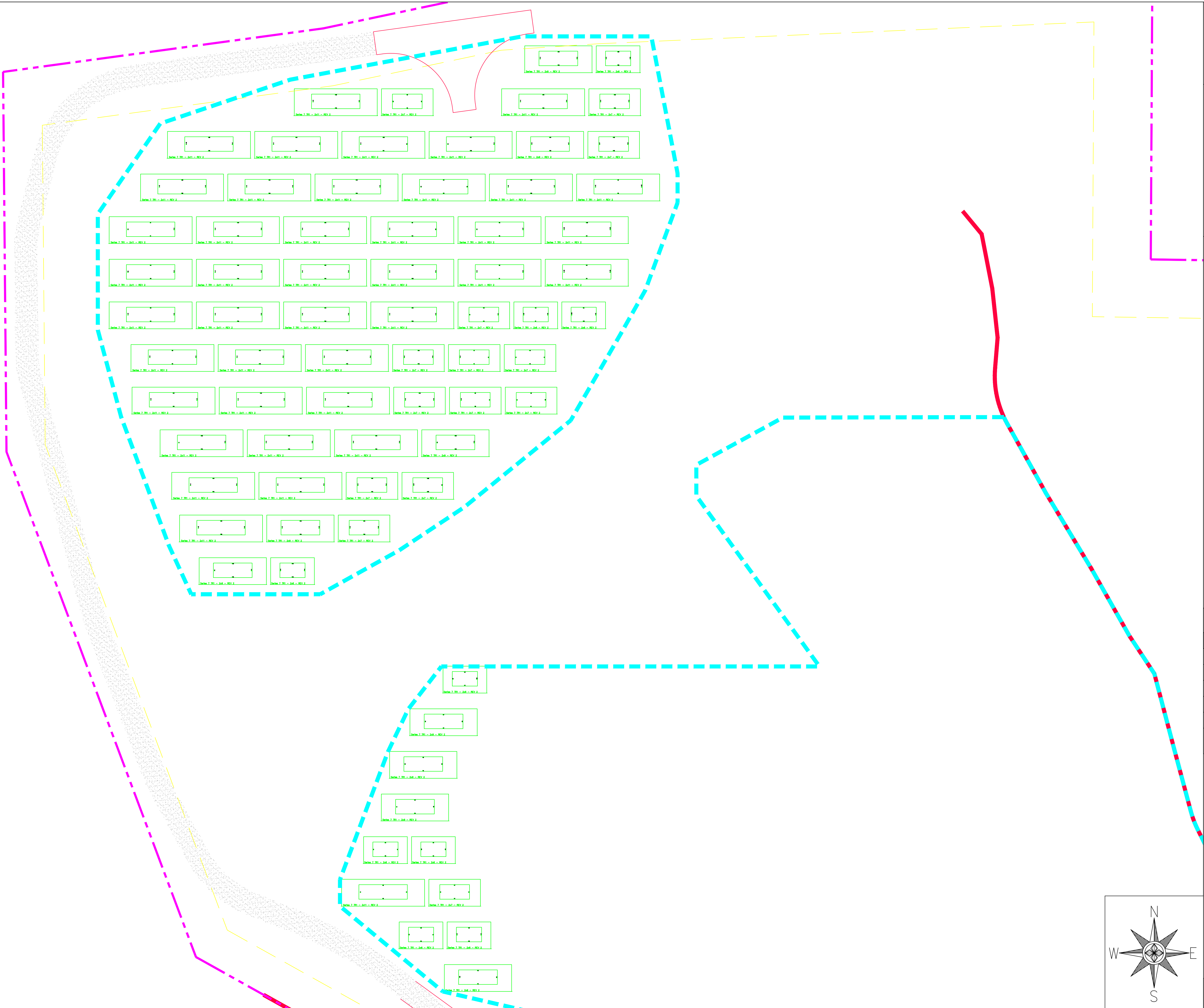
INFORMATION

DATE		09/05/2025
PRODUCT		AGILE
FOUNDATION		SCREW
SLOPE TABLE AGILE		
COLOR	SLOPE RANGE	INSTALL PROCEDURE
	0% - 8%	STANDARD EQUIPMENT
	8% - 12%	
	12% - 20%	
	20% - 30%	
	30% - 33%	HIGH SLOPE EQUIPMENT(N/S SLOPES GRADING SUGGESTED
	33% - 36%	
	ABOVE 36%	GRADING REQUIRED

NOTES:
1. SLOPE VALUES ARE BASED ON TOPOGRAPHIC SURVEYS PROVIDED TO TERRASMART.
2. MAX E/W SLOPE LIMIT IS 30%, HIGH SLOPE EQUIPMENT CAN ONLY BE USED FOR N/S SLOPES UP TO 36%.



CLIENT TOPO FILE REFERENCED	BBORELLI-TOPO-9.4.25.DWG
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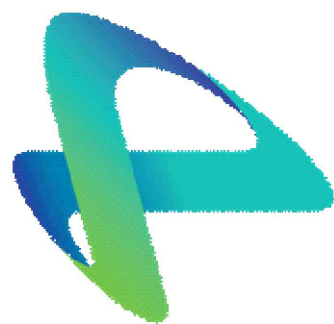
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PROJECT INFORMATION

TITLE & ADDRESS
BORELLI SOLAR - ALLCO FINANCE LTD 197 BORELLI RD. EAST HAVEN, CONNECTICUT 06511 UNITED STATES
PROJECT NUMBER: 25-34696
DRAWN BY: JK
DRAWING TYPE: SLOPE ANALYSIS
REVISION NUMBER: 2
SHEET NUMBER

G103

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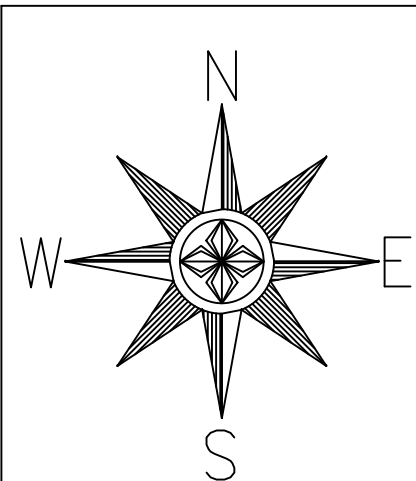


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INFORMATION

DATE	09/05/2025
PRODUCT	AGILE
FOUNDATION	SCREW
MAX SLOPE E/W	27%
MAX SLOPE NORTH	19%
MAX SLOPE SOUTH	16%

0 TABLES COLORED RED ABOVE 30% SLOPE LIMIT

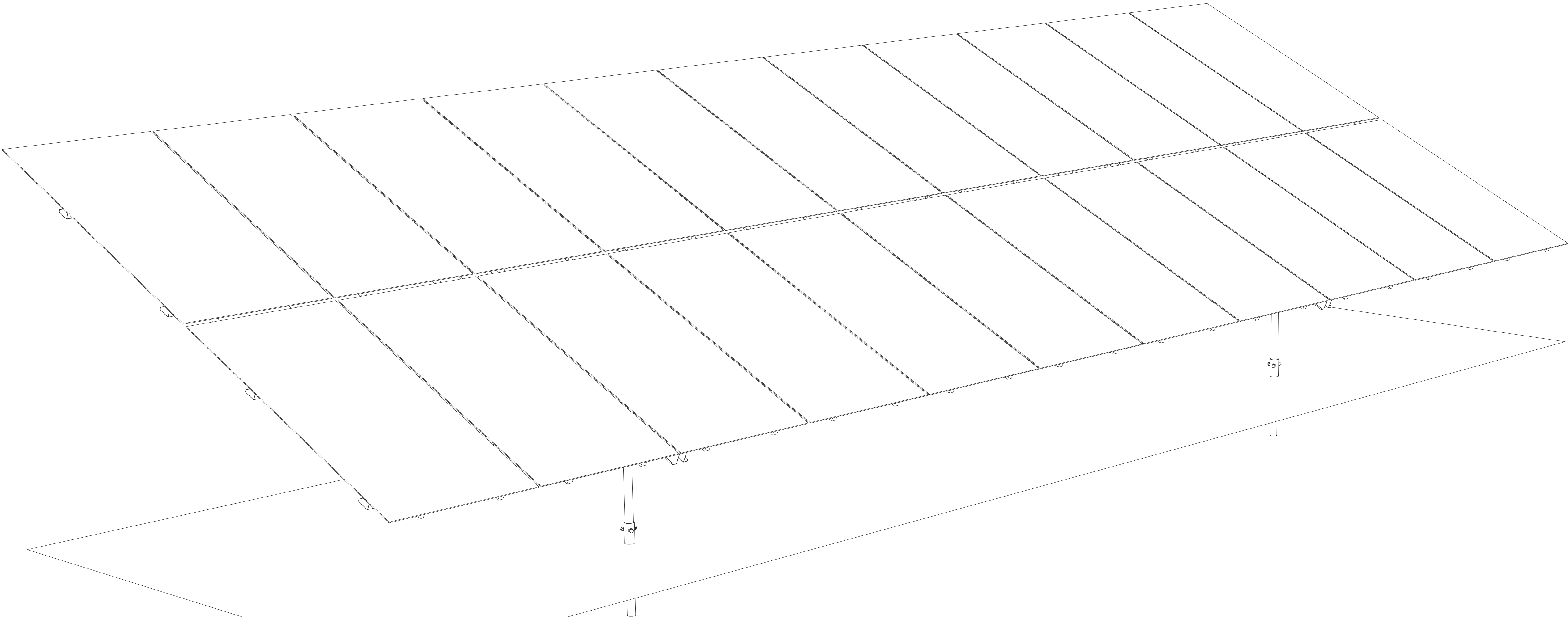


CLIENT TOPO FILE REFERENCED	BBORELLI-TOPO-9.4.25.DWG
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TERRAGLIDE RACKING ENGINEERING PLANS

ALLCO FINANCE LIMITED - BORELLI SOLAR

GLIDE AGILE PORTRAIT - 25° RACK - SERIES 7 TR1



DRAWING NOTES

1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.



ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME
BORELLI SOLAR

PROJECT NUMBER
25-34696

CLIENT
ALLCO FINANCE LIMITED

ASCE 7-16	RISK CATEGORY I
EXPOSURE CATEGORY C	WIND SPEED 106.92 MPH
GROUND SNOW LOAD Pg 30 PSF	FLAT ROOF SNOW LOAD Pf 30 PSF
SITE CLASS D	SEISMIC Sds 0.217

MODULE MODEL SERIES 7 TR1		
MODULE LONG EDGE 2300 mm	MODULE SHORT EDGE 1216 mm	MODULE THICKNESS 56 mm
MODULE LONG EDGE BOLT SPACING 1300 mm		MODULE SHORT EDGE BOLT SPACING 650 mm
MODULE LONG EDGE FLANGE WIDTH 30 mm		MODULE SHORT EDGE FLANGE WIDTH 30 mm

GROUND SCREW 76 x 2380		
PRODUCT CODE GLIDE AGILE PORTRAIT		
ENGINEERING APPROVED BY AS - 26/09/2025		

DRAWN BY TMC 25/09/2025	REVISION - STATUS 4 - Released	SHEET NUMBER 1 OF 19
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FLATTENED LAYOUT
SCALE 1/21

DRAWING NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.



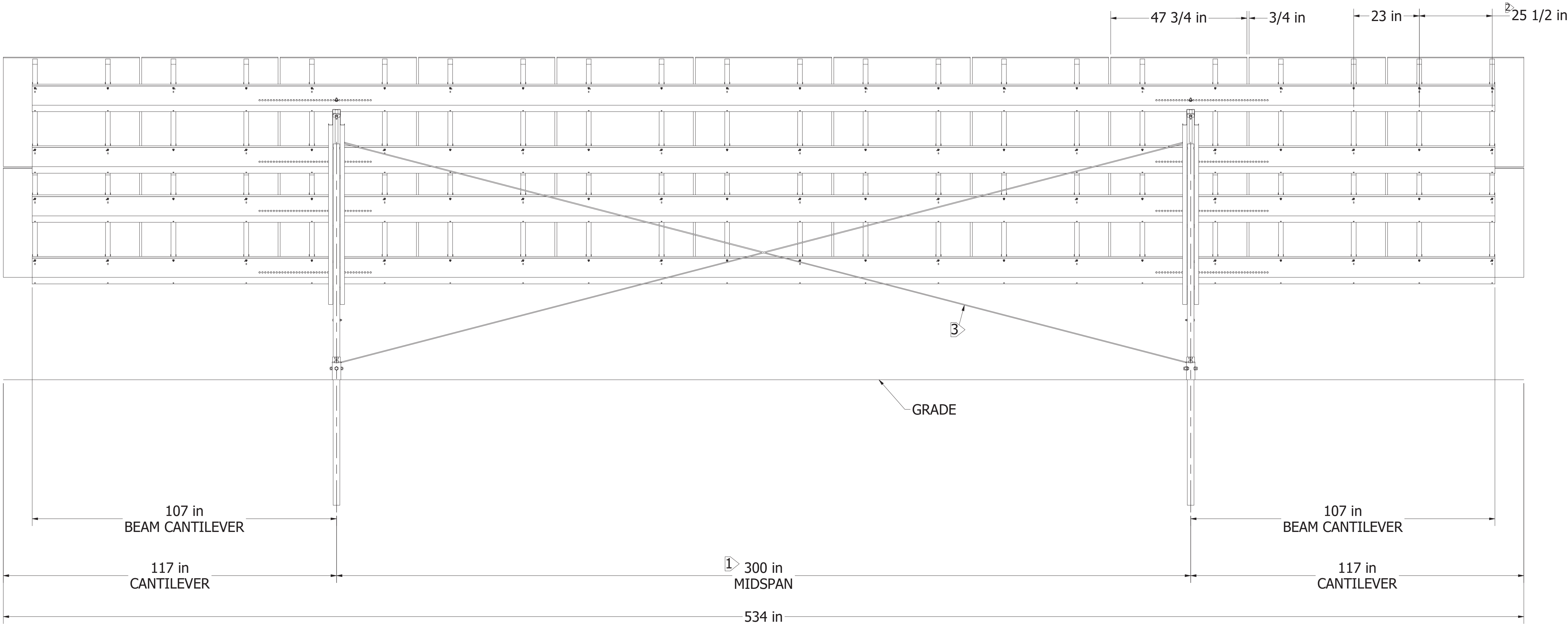
ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME			BORELLI SOLAR		
PROJECT NUMBER			25-34696		
CLIENT			ALLCO FINANCE LIMITED		
ASCE 7-16		RISK CATEGORY I			
EXPOSURE CATEGORY C		WIND SPEED 106.92 MPH			
GROUND SNOW LOAD Pg 30 PSF		FLAT ROOF SNOW LOAD Pf 30 PSF			
SITE CLASS D		SEISMIC Sds 0.217			
MODULE MODEL SERIES 7 TR1					
MODULE LONG EDGE 2300 mm		MODULE SHORT EDGE 1216 mm		MODULE THICKNESS 56 mm	
MODULE LONG EDGE BOLT SPACING 1300 mm			MODULE SHORT EDGE BOLT SPACING 650 mm		
MODULE LONG EDGE FLANGE WIDTH 30 mm			MODULE SHORT EDGE FLANGE WIDTH 30 mm		
GROUND SCREW 76 x 2380					
PRODUCT CODE GLIDE AGILE PORTRAIT					
ENGINEERING APPROVED BY AS - 26/09/2025					
DRAWN BY TMC 25/09/2025		REVISION - STATUS 4 - Released		SHEET NUMBER 3 OF 19	

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REAR ELEVATION VIEW
SCALE 1/20

- NOTES:
- 1> TYPICAL INSTALLATION DIMENSIONS MAY BE ADJUSTED TO SUIT FIELD CONDITIONS WITHIN THE TOLERANCES PROVIDED.
 - 2> PURLIN SPACING IS DEPENDENT ON MODULE SPECIFICATIONS, REFER TO PROJECT NOTES FOR MODULE SPECIFICATIONS.
 - 3> SEISMIC CROSS BRACING TO BE FIELD FIT.

DRAWING NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.



ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME
BORELLI SOLAR

PROJECT NUMBER
25-34696

CLIENT
ALLCO FINANCE LIMITED

ASCE 7-16	RISK CATEGORY I
EXPOSURE CATEGORY C	WIND SPEED 106.92 MPH
GROUND SNOW LOAD Pg 30 PSF	FLAT ROOF SNOW LOAD Pf 30 PSF
SITE CLASS D	SEISMIC Sds 0.217

MODULE MODEL SERIES 7 TR1		
MODULE LONG EDGE 2300 mm	MODULE SHORT EDGE 1216 mm	MODULE THICKNESS 56 mm
MODULE LONG EDGE BOLT SPACING 1300 mm	MODULE SHORT EDGE BOLT SPACING 650 mm	
MODULE LONG EDGE FLANGE WIDTH 30 mm	MODULE SHORT EDGE FLANGE WIDTH 30 mm	

GROUND SCREW
76 x 2380

PRODUCT CODE
GLIDE AGILE PORTRAIT

ENGINEERING APPROVED BY
AS - 26/09/2025

DRAWN BY TMC 25/09/2025	REVISION - STATUS 4 - Released	SHEET NUMBER 4 OF 19
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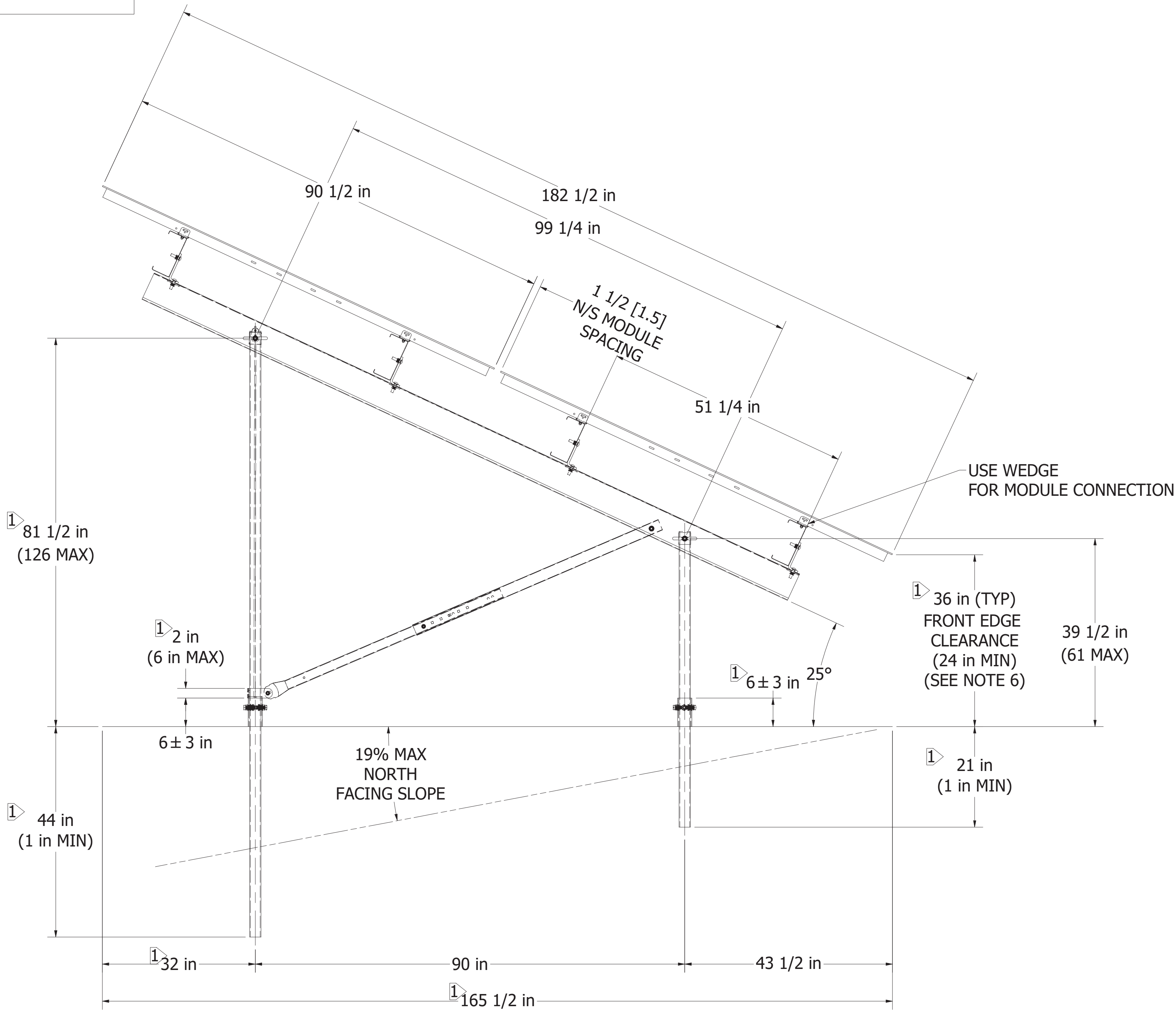
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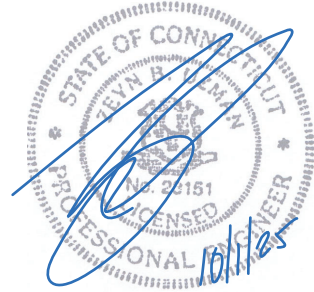
SOUTH SCREW - 76 mm X 2380 mm
NORTH SCREW - 76 mm X 2380 mm
NORTH /SOUTH BEAM - RAFTER - LENGTH = 149.25 in - N/A
EAST/ WEST BEAM - C-BEAM 9.0x4.0x0.0820- LENGTH = 513.79 in - N/A
NORTH LEG - - LENGTH = 127.00 in
SOUTH LEG - - LENGTH = 62.00 in
DIAGONAL EXTERNAL LATERAL BRACE - MECH2.360 x 13GA. - LENGTH = 56 in
DIAGONAL INTERNAL LATERAL BRACE - MECH2.000 x 12GA. - LENGTH = 54 in



SIDE ELEVATION VIEW
SCALE 1/14

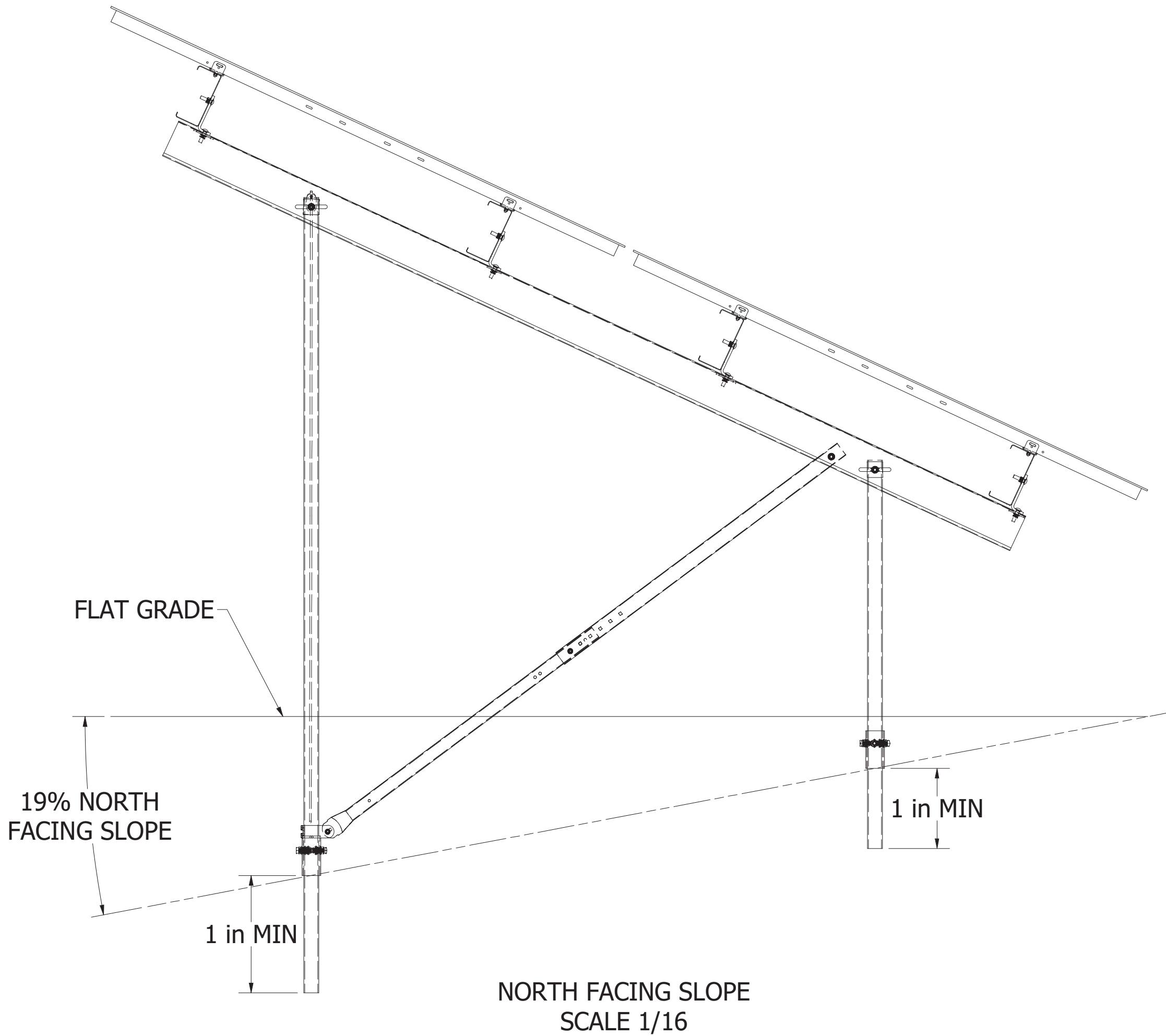
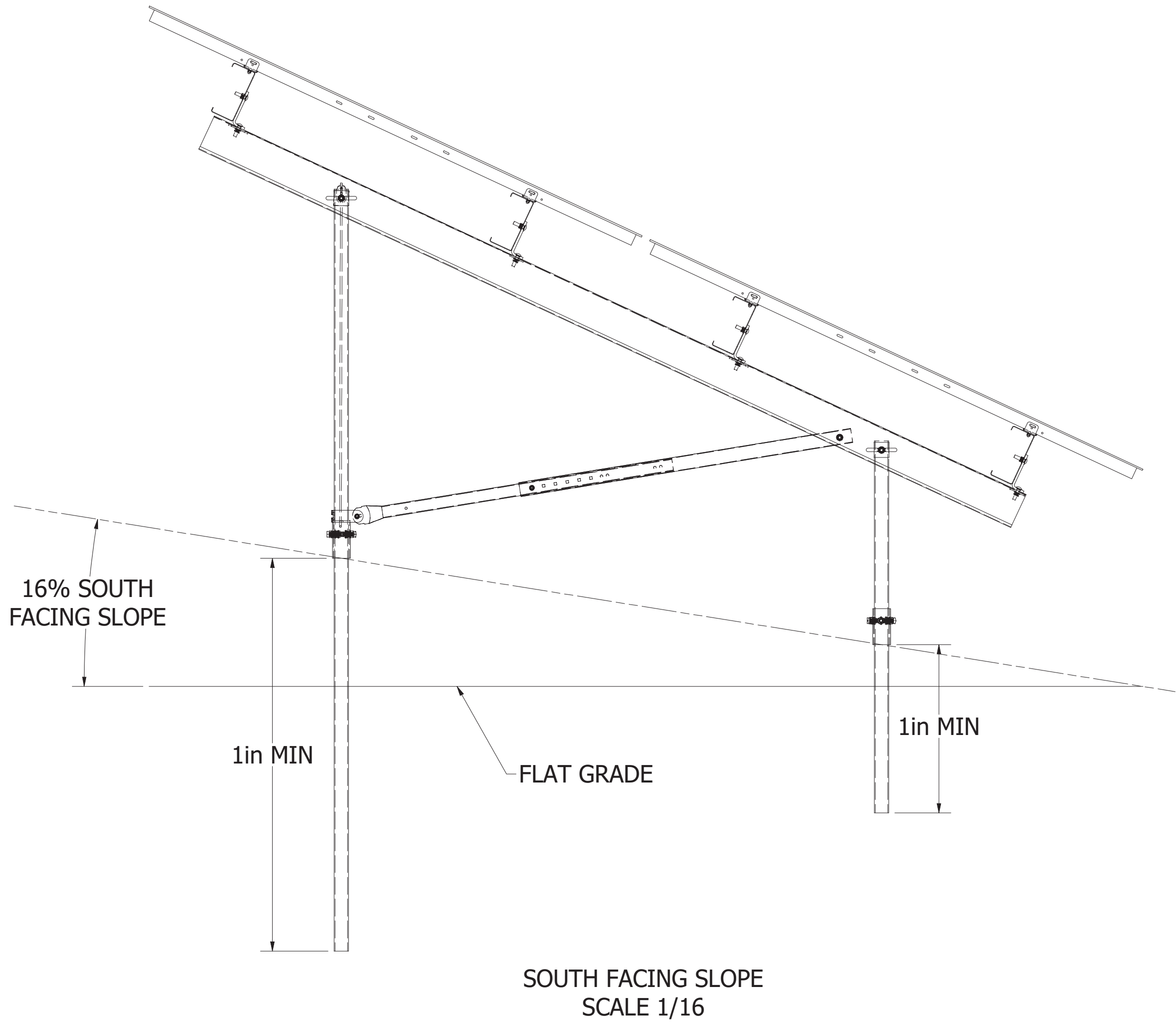
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 2. LEGS SHALL BE INSTALLED PLUMB, IF MECHANICALLY POSSIBLE. MAXIMUM 3° OUT OF PLUMB.
 3. LATERAL BRACES ARE DESIGNED TO ALLOW FOR 7" OF TOTAL ADJUSTMENT. IF FIELD CONDITIONS REQUIRE ADDITIONAL ADJUSTMENT AND LATERAL BRACES ARE TOO LONG, THEY MAY BE CUT DOWN AND DRILLED TO FIT BY THE RACK INSTALLER. IF THEY ARE TOO SHORT, NEW LATERAL BRACES MAY BE ORDERED TO FIT AT THE PURCHASER'S EXPENSE.
 4. FOR SOUTH FACING SLOPES, THE DIAGONAL AND HORIZONTAL LATERAL BRACES CAN BE SWITCHED TO PROVIDE ADDITIONAL ADJUSTABILITY.
 5. ON NORTH FACING SLOPES LEGS CAN BE FULLY EXTENDED TO MEET MINIMUM FRONT EDGE REQUIREMENTS. ALL LEGS REQUIRE A MINIMUM OF 1 INCH EMBEDMENT BELOW GRADE. FULL EXTENSION OF LEGS MAY RESULT IN LATERAL BRACES NOT FITTING. IF THEY ARE TOO SHORT, NEW LATERAL BRACES MAY BE ORDERED TO FIT AT THE PURCHASER'S EXPENSE.
 6. TABLES CONSTRUCTED WITH A FRONT EDGE HEIGHT 48in OR GREATER REQUIRE SEISMIC BRACING ON THE FRONT LEGS, SEE INSTALLATION MANUAL.

DRAWING NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.



ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME BORELLI SOLAR		
PROJECT NUMBER 25-34696		
CLIENT ALLCO FINANCE LIMITED		
ASCE 7-16	RISK CATEGORY I	
EXPOSURE CATEGORY C	WIND SPEED 106.92 MPH	
GROUND SNOW LOAD Pg 30 PSF	FLAT ROOF SNOW LOAD Pf 30 PSF	
SITE CLASS D	SEISMIC Sds 0.217	
MODULE MODEL SERIES 7 TR1		
MODULE LONG EDGE 2300 mm	MODULE SHORT EDGE 1216 mm	MODULE THICKNESS 56 mm
MODULE LONG EDGE BOLT SPACING 1300 mm		MODULE SHORT EDGE BOLT SPACING 650 mm
MODULE LONG EDGE FLANGE WIDTH 30 mm		MODULE SHORT EDGE FLANGE WIDTH 30 mm
GROUND SCREW 76 x 2380		
PRODUCT CODE GLIDE AGILE PORTRAIT		
ENGINEERING APPROVED BY AS - 26/09/2025		
DRAWN BY TMC 25/09/2025	REVISION - STATUS 4 - Released	SHEET NUMBER 5 OF 19
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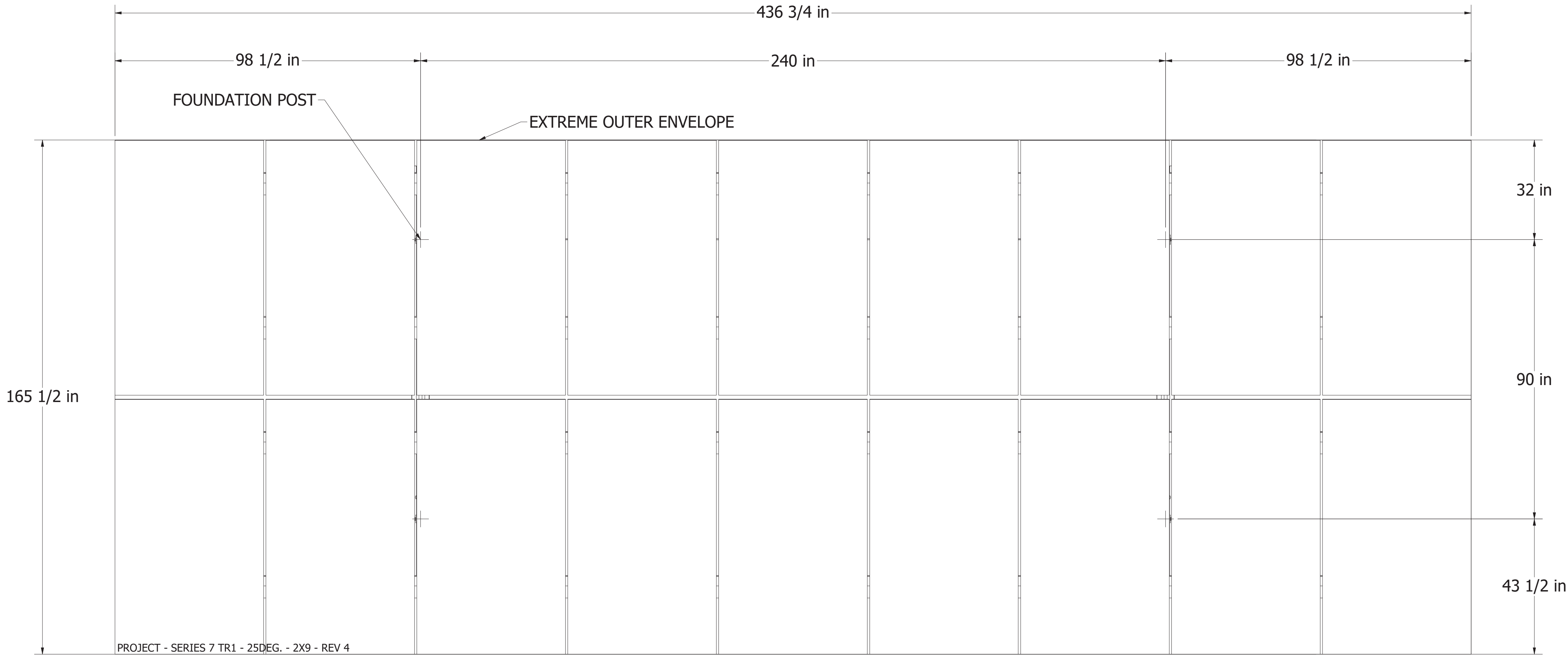
- NOTES:
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DRAWING NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.



ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME BORELLI SOLAR		
PROJECT NUMBER 25-34696		
CLIENT ALLCO FINANCE LIMITED		
ASCE 7-16	RISK CATEGORY I	
EXPOSURE CATEGORY C	WIND SPEED 106.92 MPH	
GROUND SNOW LOAD Pg 30 PSF	FLAT ROOF SNOW LOAD Pf 30 PSF	
SITE CLASS D	SEISMIC Sds 0.217	
MODULE MODEL SERIES 7 TR1		
MODULE LONG EDGE 2300 mm	MODULE SHORT EDGE 1216 mm	MODULE THICKNESS 56 mm
MODULE LONG EDGE BOLT SPACING 1300 mm		MODULE SHORT EDGE BOLT SPACING 650 mm
MODULE LONG EDGE FLANGE WIDTH 30 mm		MODULE SHORT EDGE FLANGE WIDTH 30 mm
GROUND SCREW 76 x 2380		
PRODUCT CODE GLIDE AGILE PORTRAIT		
ENGINEERING APPROVED BY AS - 26/09/2025		
DRAWN BY TMC 25/09/2025	REVISION - STATUS 4 - Released	SHEET NUMBER 6 OF 19
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PROJECT - SERIES 7 TR1 - 25DEG. - 2X9 - REV 4

FLATTENED LAYOUT
SCALE 1/21

DRAWING NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.



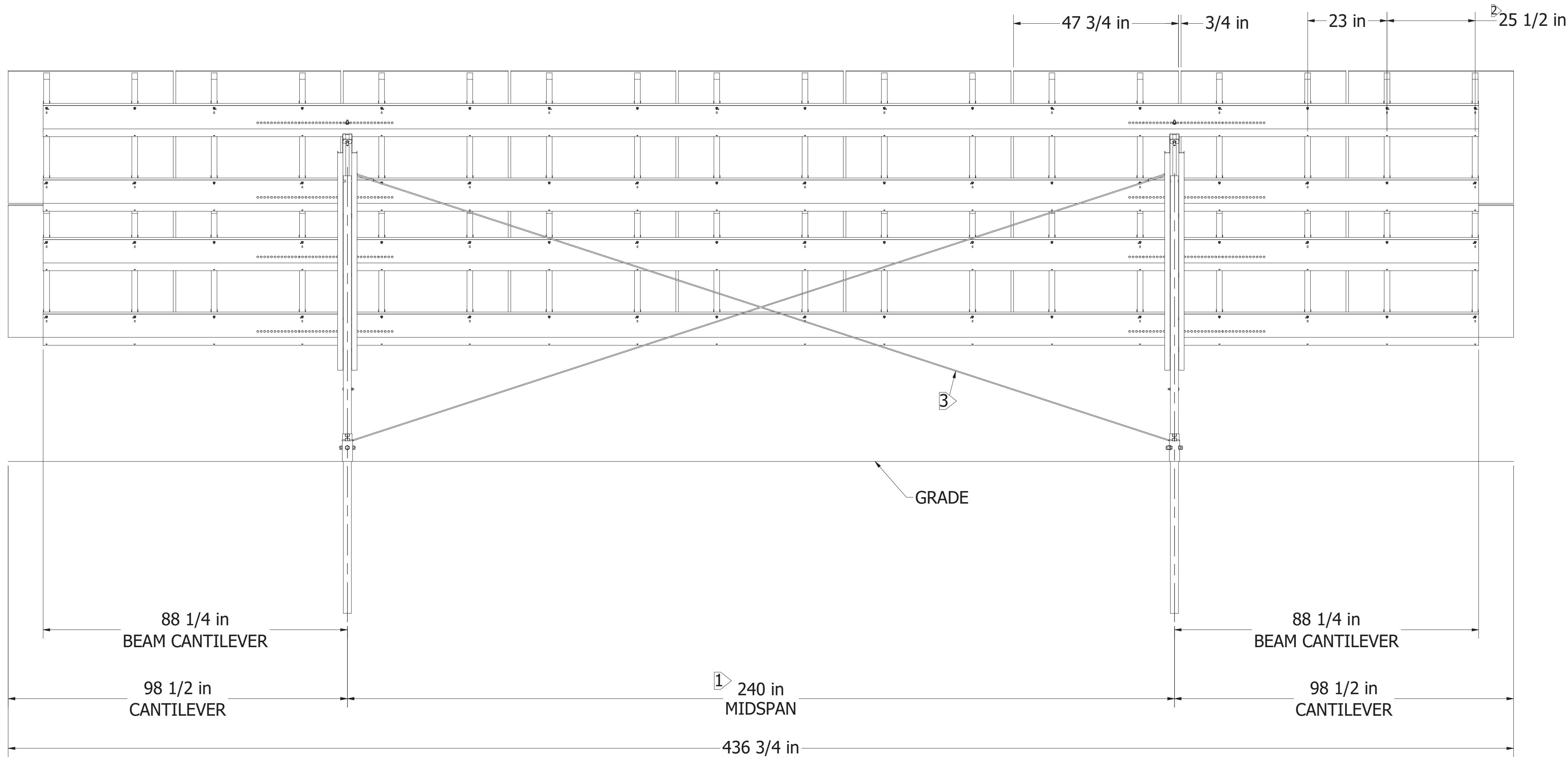
ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME BORELLI SOLAR		
PROJECT NUMBER 25-34696		
CLIENT ALLCO FINANCE LIMITED		
ASCE 7-16	RISK CATEGORY I	
EXPOSURE CATEGORY C	WIND SPEED 106.92 MPH	
GROUND SNOW LOAD Pg 30 PSF	FLAT ROOF SNOW LOAD Pf 30 PSF	
SITE CLASS D	SEISMIC Sds 0.217	
MODULE MODEL SERIES 7 TR1		
MODULE LONG EDGE 2300 mm	MODULE SHORT EDGE 1216 mm	MODULE THICKNESS 56 mm
MODULE LONG EDGE BOLT SPACING 1300 mm		MODULE SHORT EDGE BOLT SPACING 650 mm
MODULE LONG EDGE FLANGE WIDTH 30 mm		MODULE SHORT EDGE FLANGE WIDTH 30 mm
GROUND SCREW 76 x 2380		
PRODUCT CODE GLIDE AGILE PORTRAIT		
ENGINEERING APPROVED BY AS - 26/09/2025		
DRAWN BY TMC 26/09/2025	REVISION - STATUS 4 - Released	SHEET NUMBER 7 OF 19

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REAR ELEVATION VIEW
SCALE 1/20

NOTES:

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3> SEISMIC CROSS BRACING TO BE FIELD FIT.

ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME

BORELLI SOLAR

PROJECT NUMBER

25-34696

CLIENT

ALLCO FINANCE LIMITED

ASCE 7-16	RISK CATEGORY I
EXPOSURE CATEGORY C	WIND SPEED 106.92 MPH
GROUND SNOW LOAD Pg 30 PSF	FLAT ROOF SNOW LOAD Pf 30 PSF
SITE CLASS D	SEISMIC Sds 0.217

MODULE MODEL SERIES 7 TR1		
MODULE LONG EDGE 2300 mm	MODULE SHORT EDGE 1216 mm	MODULE THICKNESS 56 mm
MODULE LONG EDGE BOLT SPACING 1300 mm	MODULE SHORT EDGE BOLT SPACING 650 mm	
MODULE LONG EDGE FLANGE WIDTH 30 mm	MODULE SHORT EDGE FLANGE WIDTH 30 mm	

GROUND SCREW 76 x 2380

PRODUCT CODE GLIDE AGILE PORTRAIT

ENGINEERING APPROVED BY AS - 26/09/2025
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DRAWN BY TMC 26/09/2025	REVISION - STATUS 4 - Released	SHEET NUMBER 8 OF 19
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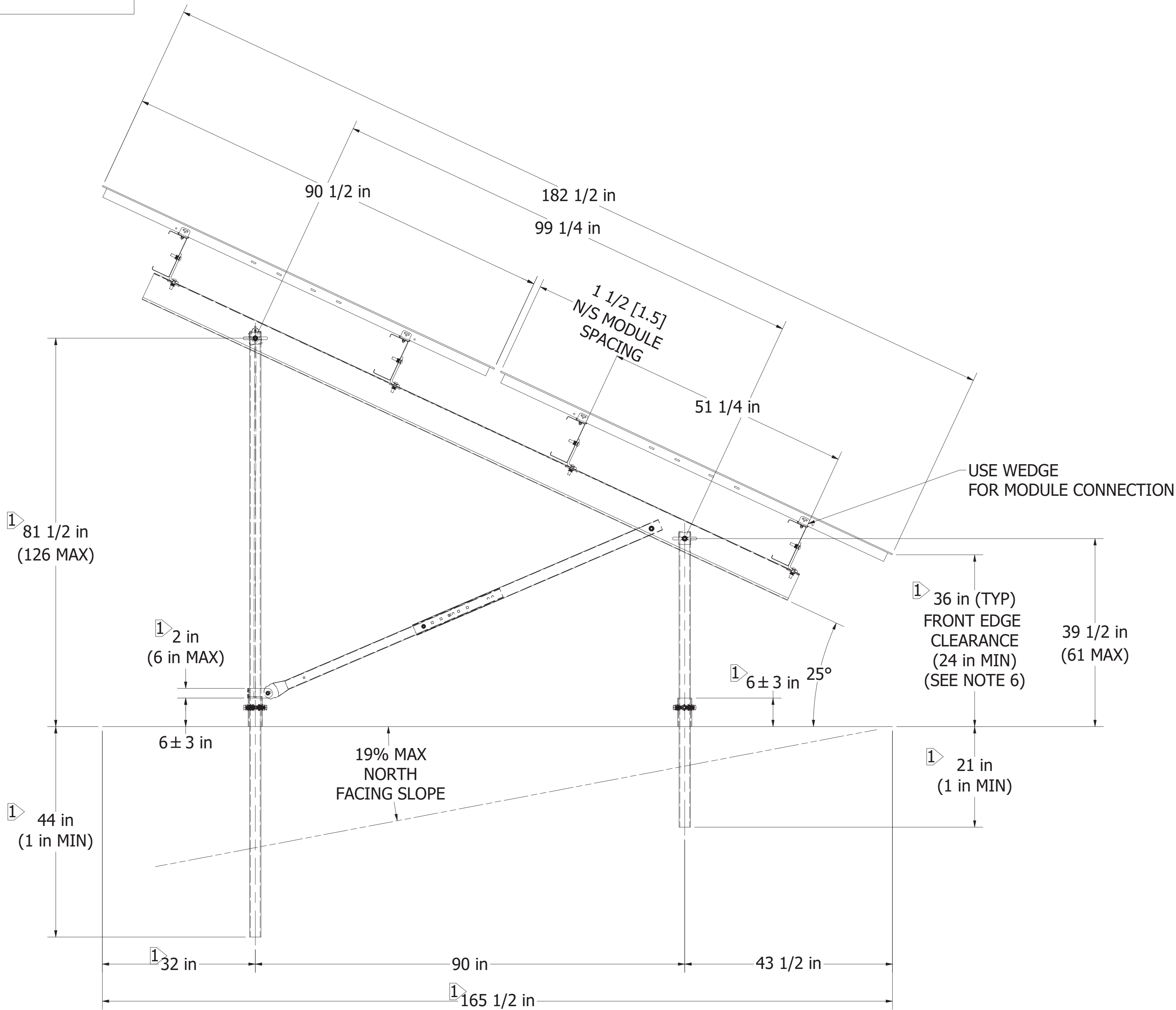
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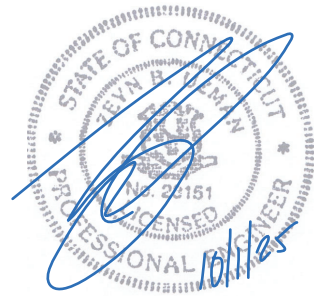
SOUTH SCREW - 76 mm X 2380 mm
NORTH SCREW - 76 mm X 2380 mm
NORTH /SOUTH BEAM - RAFTER - LENGTH = 149.25 in - N/A
EAST/ WEST BEAM - C-BEAM 9.0x4.0x0.0820- LENGTH = 416.55 in - N/A
NORTH LEG - - LENGTH = 127.00 in
SOUTH LEG - - LENGTH = 62.00 in
DIAGONAL EXTERNAL LATERAL BRACE - MECH2.360 x 13GA. - LENGTH = 56 in
DIAGONAL INTERNAL LATERAL BRACE - MECH2.000 x 12GA. - LENGTH = 54 in



- NOTES:
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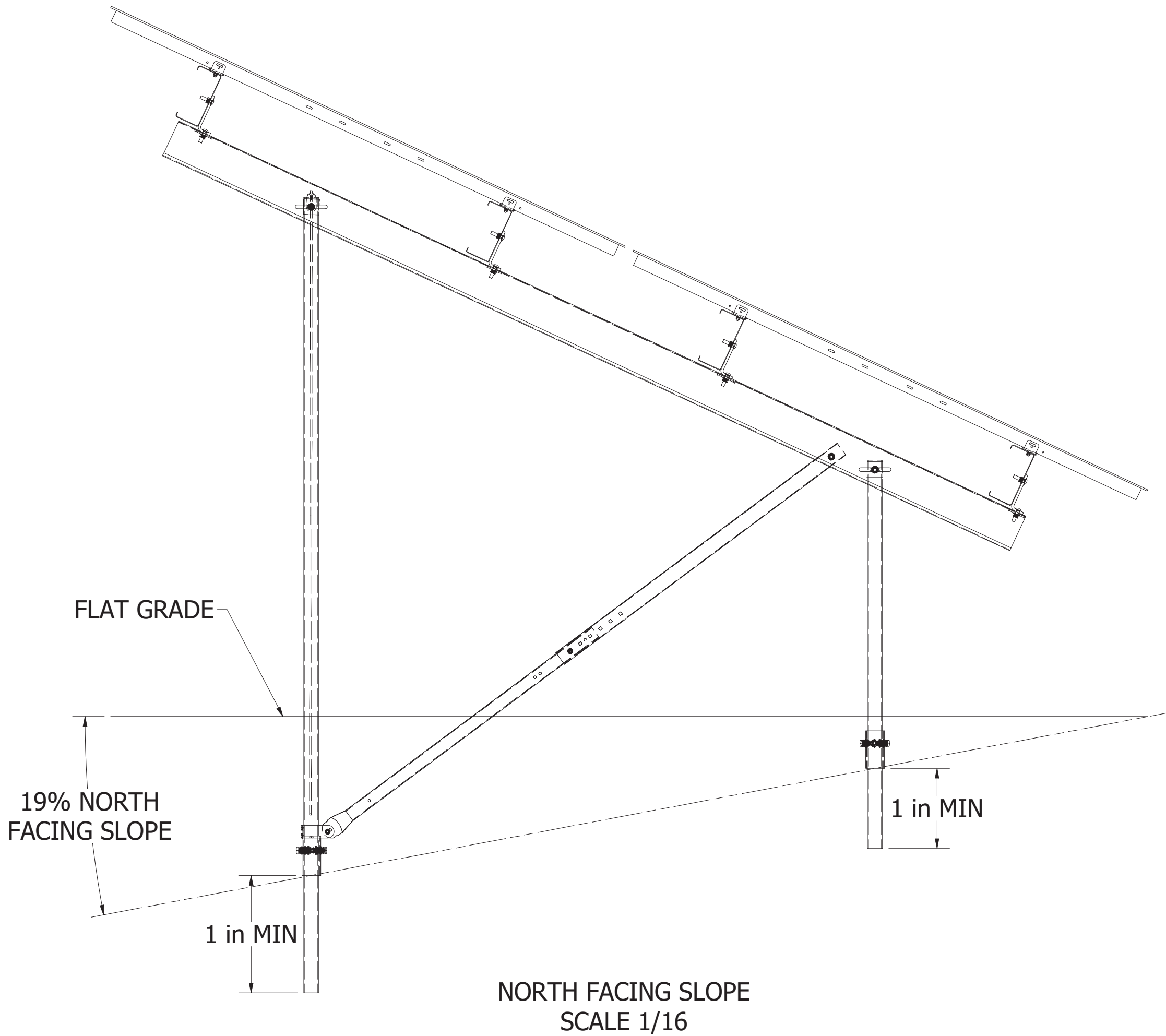
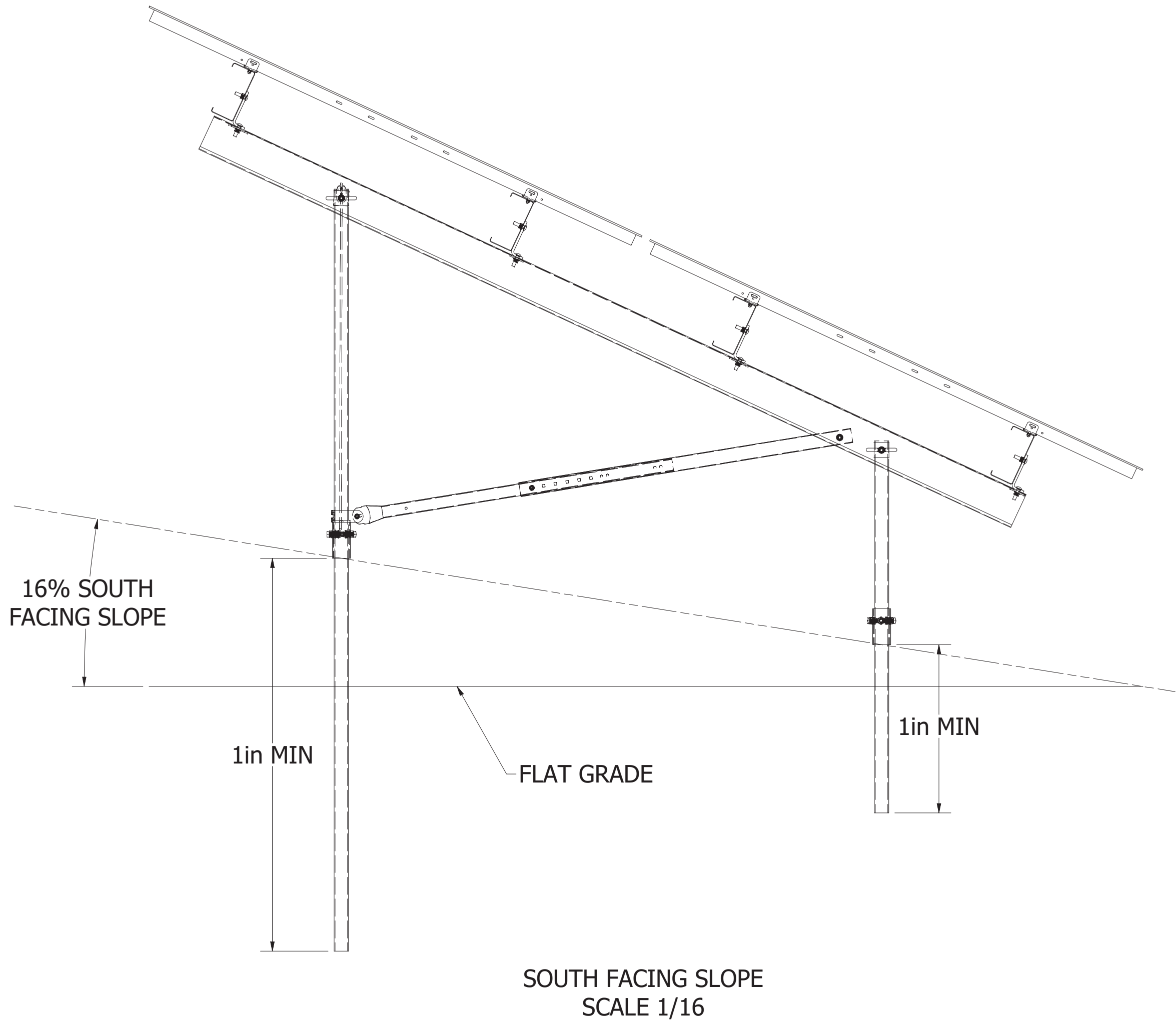
SIDE ELEVATION VIEW
SCALE 1/14

DRAWING NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.



ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME BORELLI SOLAR		
PROJECT NUMBER 25-34696		
CLIENT ALLCO FINANCE LIMITED		
ASCE 7-16	RISK CATEGORY I	
EXPOSURE CATEGORY C	WIND SPEED 106.92 MPH	
GROUND SNOW LOAD Pg 30 PSF	FLAT ROOF SNOW LOAD PI 30 PSF	
SITE CLASS D	SEISMIC Sds 0.217	
MODULE MODEL SERIES 7 TR1		
MODULE LONG EDGE 2300 mm	MODULE SHORT EDGE 1216 mm	MODULE THICKNESS 56 mm
MODULE LONG EDGE BOLT SPACING 1300 mm		MODULE SHORT EDGE BOLT SPACING 650 mm
MODULE LONG EDGE FLANGE WIDTH 30 mm		MODULE SHORT EDGE FLANGE WIDTH 30 mm
GROUND SCREW 76 x 2380		
PRODUCT CODE GLIDE AGILE PORTRAIT		
ENGINEERING APPROVED BY AS - 26/09/2025		
DRAWN BY TMC 26/09/2025	REVISION - STATUS 4 - Released	SHEET NUMBER 9 OF 19
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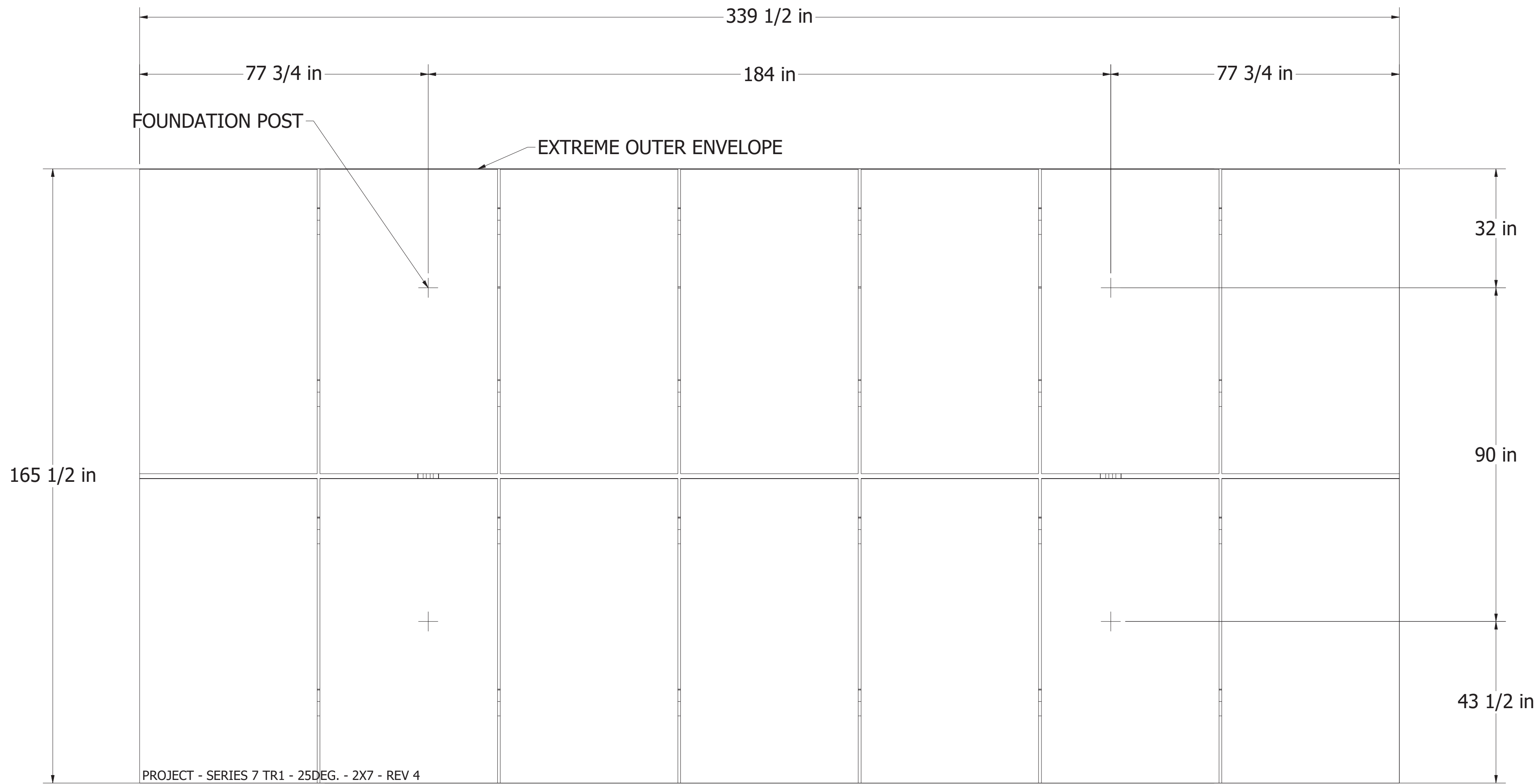
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 2. LEGS SHALL BE INSTALLED PLUMB, IF MECHANICALLY POSSIBLE. MAXIMUM 3° OUT OF PLUMB.
 3. LATERAL BRACES ARE DESIGNED TO ALLOW FOR 7" OF TOTAL ADJUSTMENT. IF FIELD CONDITIONS REQUIRE ADDITIONAL ADJUSTMENT AND LATERAL BRACES ARE TOO LONG, THEY MAY BE CUT DOWN AND DRILLED TO FIT BY THE RACK INSTALLER. IF THEY ARE TOO SHORT, NEW LATERAL BRACES MAY BE ORDERED TO FIT AT THE PURCHASER'S EXPENSE.
 4. FOR SOUTH FACING SLOPES, THE DIAGONAL AND HORIZONTAL LATERAL BRACES CAN BE SWITCHED TO PROVIDE ADDITIONAL ADJUSTABILITY.
 5. ON NORTH FACING SLOPES LEGS CAN BE FULLY EXTENDED TO MEET MINIMUM FRONT EDGE REQUIREMENTS. ALL LEGS REQUIRE A MINIMUM OF 1 INCH EMBEDMENT BELOW GRADE. FULL EXTENSION OF LEGS MAY RESULT IN LATERAL BRACES NOT FITTING. IF THEY ARE TOO SHORT, NEW LATERAL BRACES MAY BE ORDERED TO FIT AT THE PURCHASER'S EXPENSE.

DRAWING NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.



ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME BORELLI SOLAR		
PROJECT NUMBER 25-34696		
CLIENT ALLCO FINANCE LIMITED		
ASCE 7-16	RISK CATEGORY I	
EXPOSURE CATEGORY C	WIND SPEED 106.92 MPH	
GROUND SNOW LOAD Pg 30 PSF	FLAT ROOF SNOW LOAD Pf 30 PSF	
SITE CLASS D	SEISMIC Sds 0.217	
MODULE MODEL SERIES 7 TR1		
MODULE LONG EDGE 2300 mm	MODULE SHORT EDGE 1216 mm	MODULE THICKNESS 56 mm
MODULE LONG EDGE BOLT SPACING 1300 mm		MODULE SHORT EDGE BOLT SPACING 650 mm
MODULE LONG EDGE FLANGE WIDTH 30 mm		MODULE SHORT EDGE FLANGE WIDTH 30 mm
GROUND SCREW 76 x 2380		
PRODUCT CODE GLIDE AGILE PORTRAIT		
ENGINEERING APPROVED BY AS - 26/09/2025		
DRAWN BY TMC 26/09/2025	REVISION - STATUS 4 - Released	SHEET NUMBER 10 OF 19
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FLATTENED LAYOUT
SCALE 1/21

DRAWING NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.



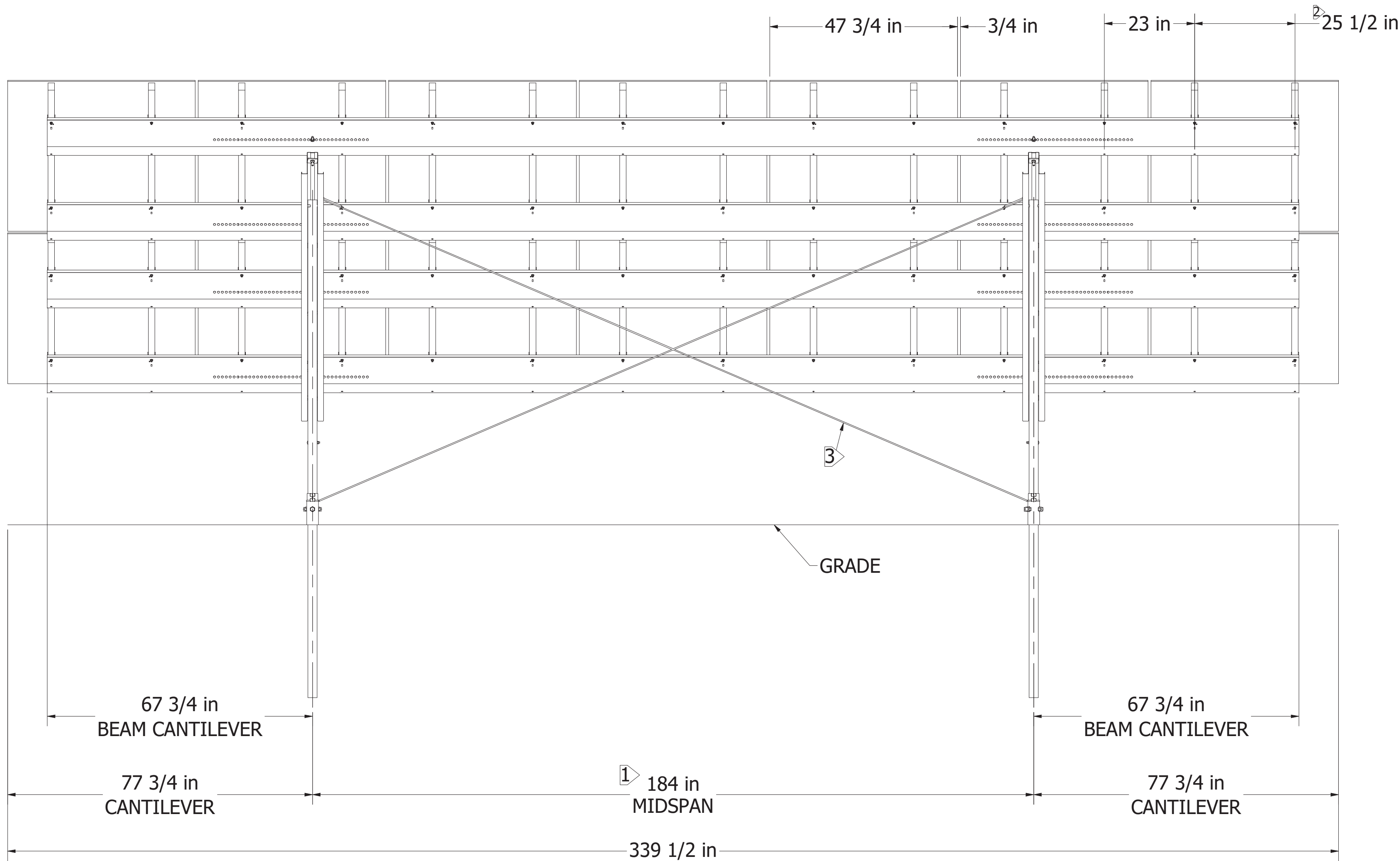
ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME			BORELLI SOLAR		
PROJECT NUMBER			25-34696		
CLIENT			ALLCO FINANCE LIMITED		
ASCE 7-16		RISK CATEGORY I			
EXPOSURE CATEGORY C		WIND SPEED 106.92 MPH			
GROUND SNOW LOAD Pg 30 PSF		FLAT ROOF SNOW LOAD Pf 30 PSF			
SITE CLASS D		SEISMIC Sds 0.217			
MODULE MODEL SERIES 7 TR1					
MODULE LONG EDGE 2300 mm		MODULE SHORT EDGE 1216 mm		MODULE THICKNESS 56 mm	
MODULE LONG EDGE BOLT SPACING 1300 mm			MODULE SHORT EDGE BOLT SPACING 650 mm		
MODULE LONG EDGE FLANGE WIDTH 30 mm			MODULE SHORT EDGE FLANGE WIDTH 30 mm		
GROUND SCREW 76 x 2380					
PRODUCT CODE GLIDE AGILE PORTRAIT					
ENGINEERING APPROVED BY AS - 29/09/2025					
DRAWN BY TMC 29/09/2025		REVISION - STATUS 4 - Released		SHEET NUMBER 11 OF 19	

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WWW.TERRASMART.COM



REAR ELEVATION VIEW
SCALE 1/20

NOTES:

- 1> TYPICAL INSTALLATION DIMENSIONS MAY BE ADJUSTED TO SUIT FIELD CONDITIONS WITHIN THE TOLERANCES PROVIDED.
2> PURLIN SPACING IS DEPENDENT ON MODULE SPECIFICATIONS, REFER TO PROJECT NOTES FOR MODULE SPECIFICATIONS.
3> SEISMIC CROSS BRACING TO BE FIELD FIT.

ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME

BORELLI SOLAR

PROJECT NUMBER

25-34696

CLIENT

ALLCO FINANCE LIMITED

ASCE 7-16	RISK CATEGORY I
EXPOSURE CATEGORY C	WIND SPEED 106.92 MPH
GROUND SNOW LOAD Pg 30 PSF	FLAT ROOF SNOW LOAD Pf 30 PSF
SITE CLASS D	SEISMIC Sds 0.217

MODULE MODEL

SERIES 7 TR1

MODULE LONG EDGE 2300 mm	MODULE SHORT EDGE 1216 mm	MODULE THICKNESS 56 mm
MODULE LONG EDGE BOLT SPACING 1300 mm	MODULE SHORT EDGE BOLT SPACING 650 mm	
MODULE LONG EDGE FLANGE WIDTH 30 mm	MODULE SHORT EDGE FLANGE WIDTH 30 mm	

GROUND SCREW

76 x 2380

PRODUCT CODE

GLIDE AGILE PORTRAIT

ENGINEERING APPROVED BY

AS - 29/09/2025

DRAWN BY TMC 29/09/2025	REVISION - STATUS 4 - Released	SHEET NUMBER 12 OF 19
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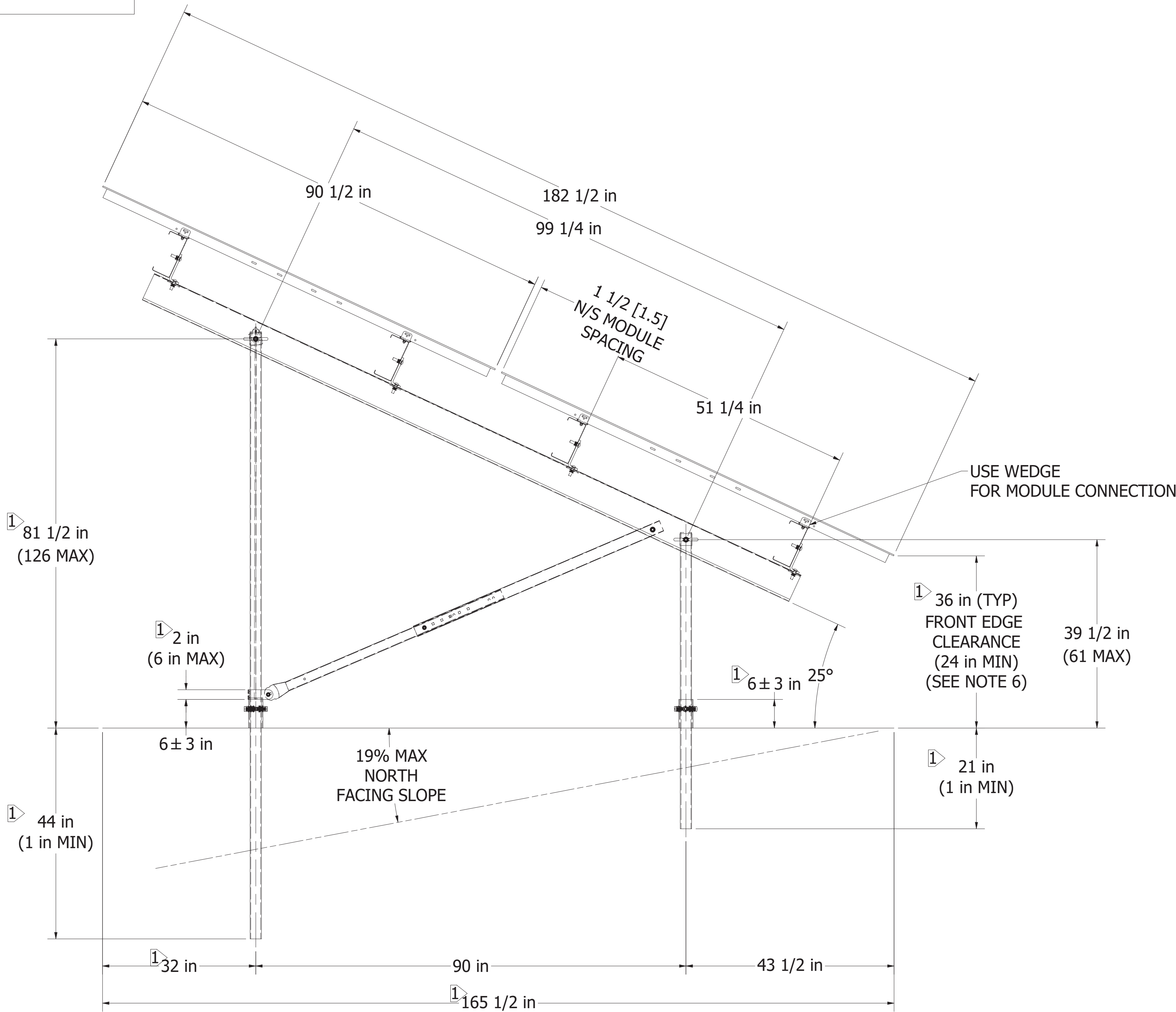
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WWW.TERRASMART.COM



MEMBER PROPERTIES

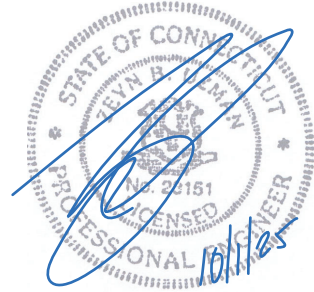
SOUTH SCREW - 76 mm X 2380 mm
NORTH SCREW - 76 mm X 2380 mm
NORTH /SOUTH BEAM - RAFTER - LENGTH = 149.25 in - N/A
EAST/ WEST BEAM - C-BEAM 9.0x4.0x0.0820- LENGTH = 319.31 in - N/A
NORTH LEG - - LENGTH = 127.00 in
SOUTH LEG - - LENGTH = 62.00 in
DIAGONAL EXTERNAL LATERAL BRACE - MECH2.360 x 13GA. - LENGTH = 56 in
DIAGONAL INTERNAL LATERAL BRACE - MECH2.000 x 12GA. - LENGTH = 54 in



- NOTES:
1. TYPICAL INSTALLATION DIMENSIONS MAY BE ADJUSTED TO SUIT FIELD CONDITIONS WITHIN THE TOLERANCES PROVIDED.
 2. LEGS SHALL BE INSTALLED PLUMB, IF MECHANICALLY POSSIBLE. MAXIMUM 3° OUT OF PLUMB.
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 6. TABLES CONSTRUCTED WITH A FRONT EDGE HEIGHT 48in OR GREATER REQUIRE SEISMIC BRACING ON THE FRONT LEGS, SEE INSTALLATION MANUAL.

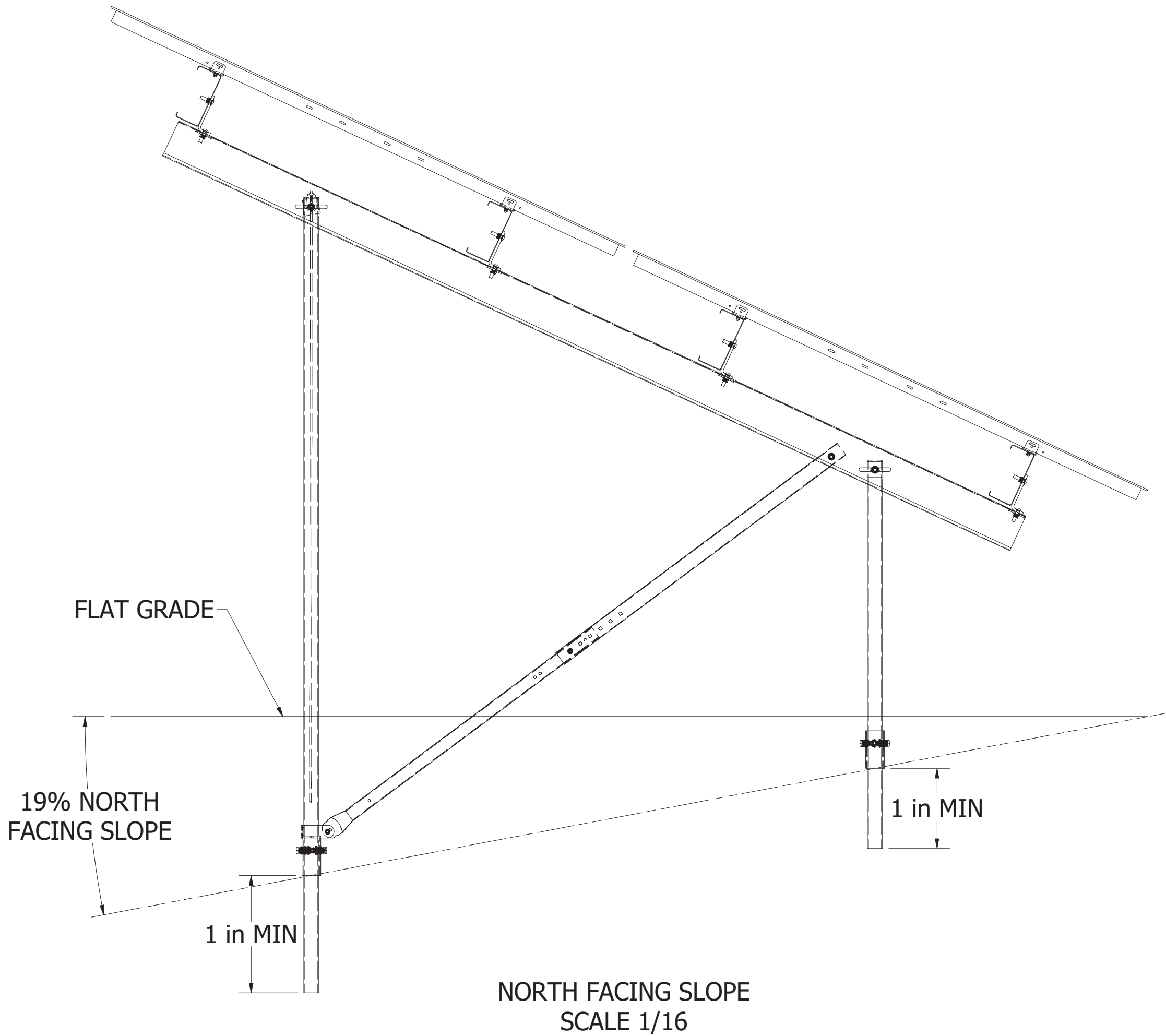
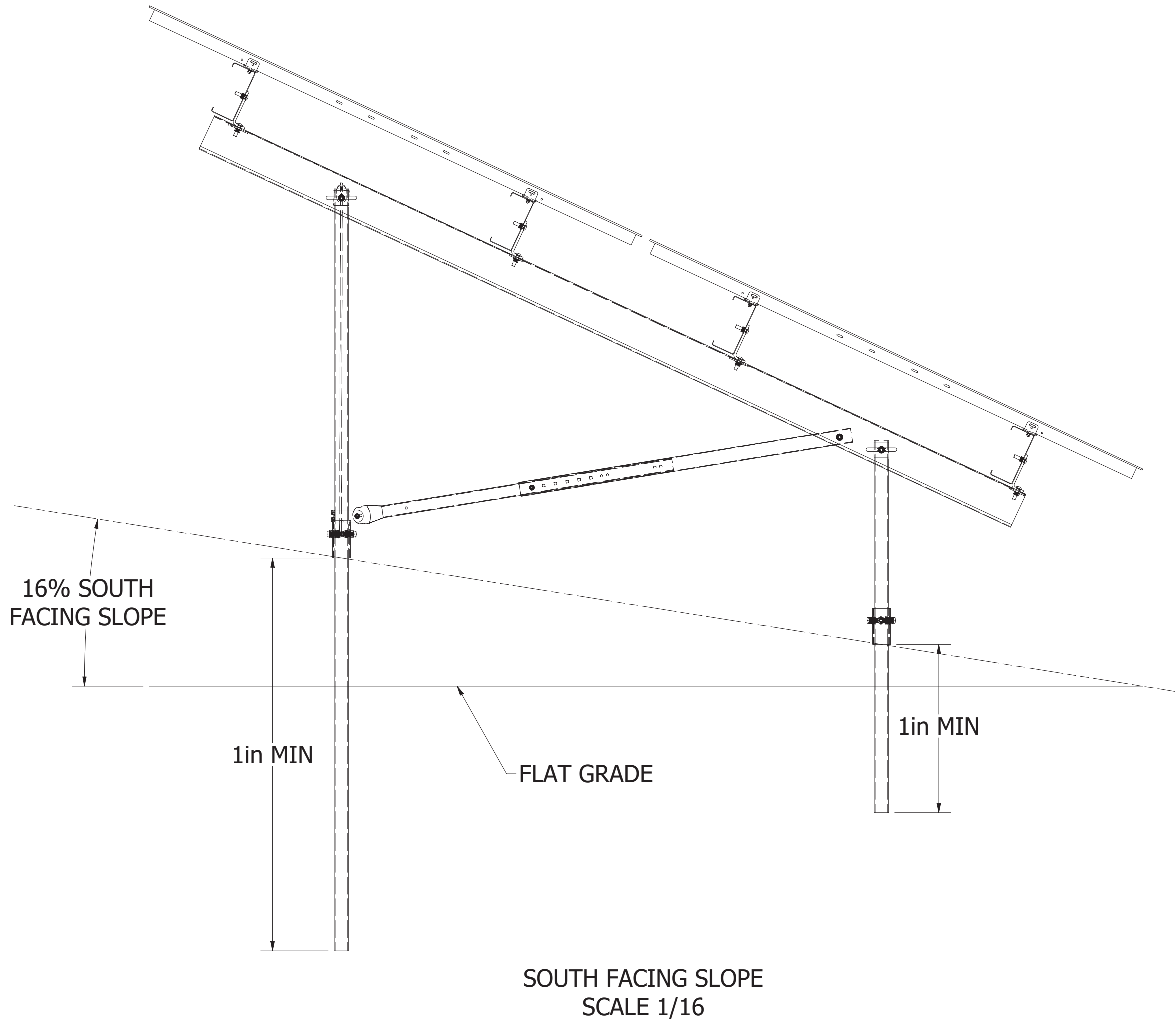
SIDE ELEVATION VIEW
SCALE 1/14

DRAWING NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.



ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME		
BORELLI SOLAR		
PROJECT NUMBER		
25-34696		
CLIENT		
ALLCO FINANCE LIMITED		
ASCE	RISK CATEGORY	
7-16	I	
EXPOSURE CATEGORY	WIND SPEED	
C	106.92 MPH	
GROUND SNOW LOAD Pg	FLAT ROOF SNOW LOAD PI	
30 PSF	30 PSF	
SITE CLASS	SEISMIC Sds	
D	0.217	
MODULE MODEL		
SERIES 7 TR1		
MODULE LONG EDGE	MODULE SHORT EDGE	MODULE THICKNESS
2300 mm	1216 mm	56 mm
MODULE LONG EDGE BOLT SPACING		MODULE SHORT EDGE BOLT SPACING
1300 mm		650 mm
MODULE LONG EDGE FLANGE WIDTH		MODULE SHORT EDGE FLANGE WIDTH
30 mm		30 mm
GROUND SCREW		
76 x 2380		
PRODUCT CODE		
GLIDE AGILE PORTRAIT		
ENGINEERING APPROVED BY		
AS - 29/09/2025		
DRAWN BY	REVISION - STATUS	SHEET NUMBER
TMC 29/09/2025	4 - Released	13 OF 19
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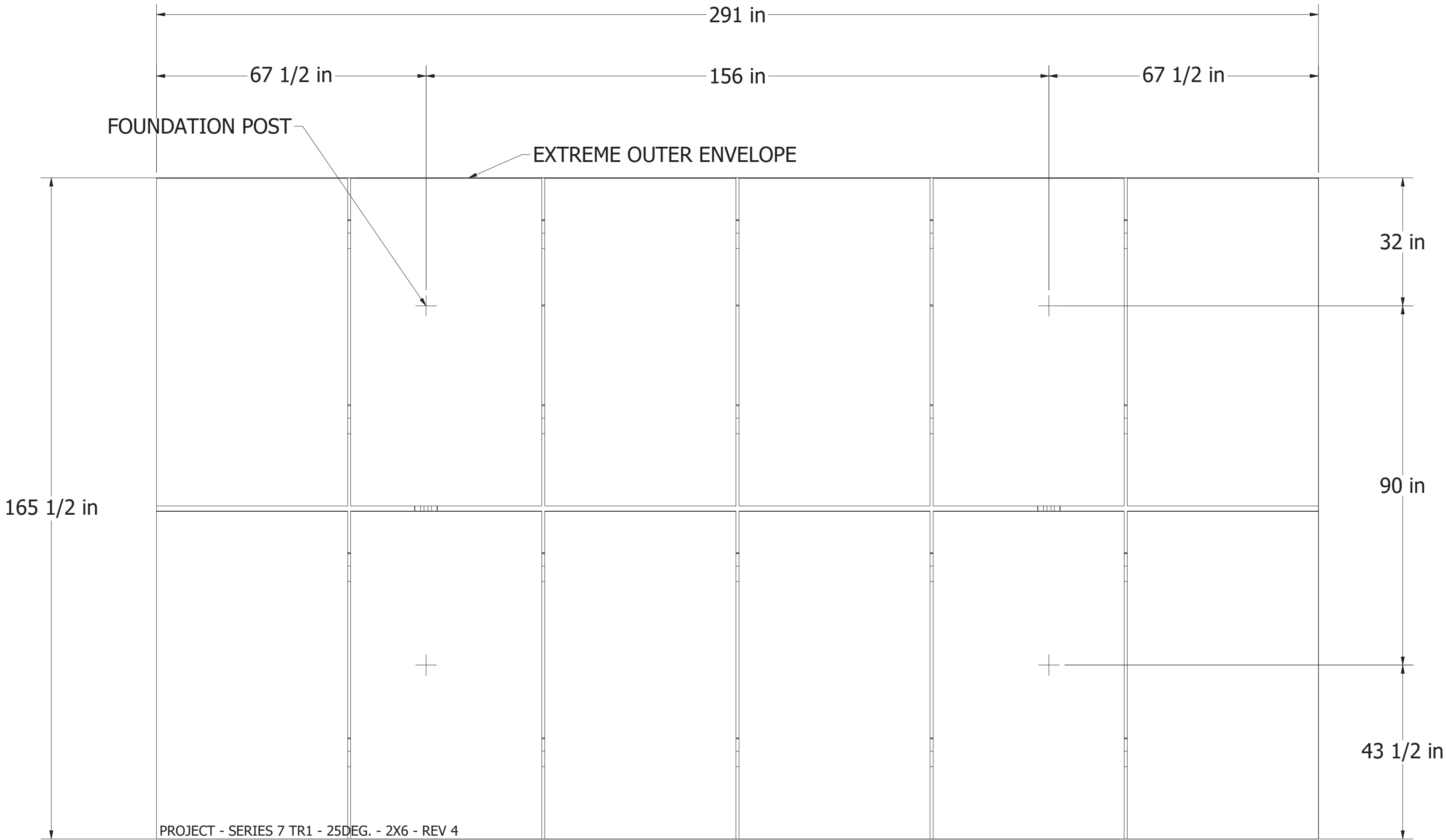
- NOTES:
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DRAWING NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.



ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME BORELLI SOLAR		
PROJECT NUMBER 25-34696		
CLIENT ALLCO FINANCE LIMITED		
ASCE 7-16	RISK CATEGORY I	
EXPOSURE CATEGORY C	WIND SPEED 106.92 MPH	
GROUND SNOW LOAD Pg 30 PSF	FLAT ROOF SNOW LOAD Pf 30 PSF	
SITE CLASS D	SEISMIC Sds 0.217	
MODULE MODEL SERIES 7 TR1		
MODULE LONG EDGE 2300 mm	MODULE SHORT EDGE 1216 mm	MODULE THICKNESS 56 mm
MODULE LONG EDGE BOLT SPACING 1300 mm		MODULE SHORT EDGE BOLT SPACING 650 mm
MODULE LONG EDGE FLANGE WIDTH 30 mm		MODULE SHORT EDGE FLANGE WIDTH 30 mm
GROUND SCREW 76 x 2380		
PRODUCT CODE GLIDE AGILE PORTRAIT		
ENGINEERING APPROVED BY AS - 29/09/2025		
DRAWN BY TMC 29/09/2025	REVISION - STATUS 4 - Released	SHEET NUMBER 14 OF 19
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FLATTENED LAYOUT
SCALE 1/21

DRAWING NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.



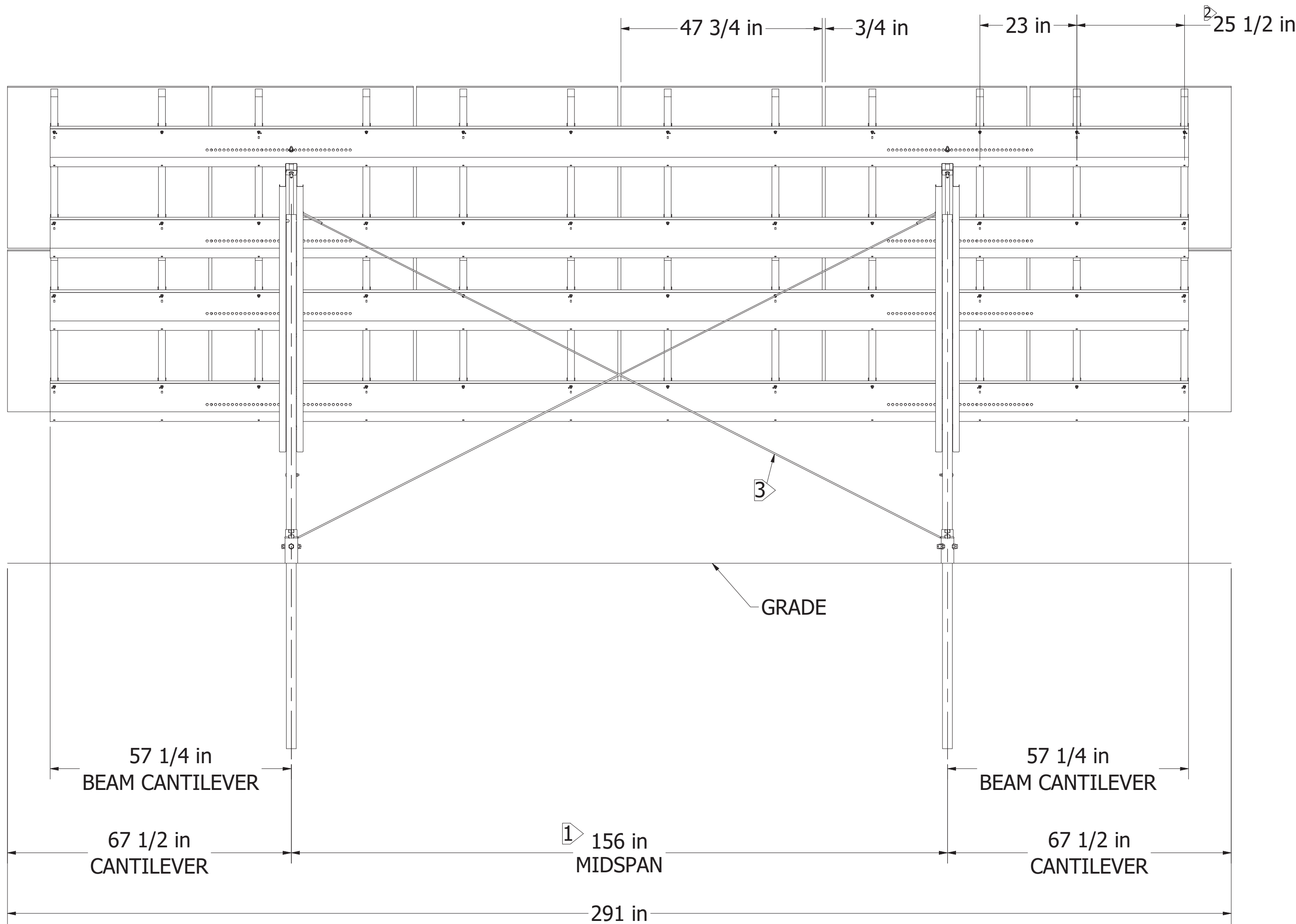
ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME		
BORELLI SOLAR		
PROJECT NUMBER		
25-34696		
CLIENT		
ALLCO FINANCE LIMITED		
ASCE 7-16	RISK CATEGORY I	
EXPOSURE CATEGORY C	WIND SPEED 106.92 MPH	
GROUND SNOW LOAD Pg 30 PSF	FLAT ROOF SNOW LOAD Pf 30 PSF	
SITE CLASS D	SEISMIC Sds 0.217	
MODULE MODEL		
SERIES 7 TR1		
MODULE LONG EDGE 2300 mm	MODULE SHORT EDGE 1216 mm	MODULE THICKNESS 56 mm
MODULE LONG EDGE BOLT SPACING 1300 mm		MODULE SHORT EDGE BOLT SPACING 650 mm
MODULE LONG EDGE FLANGE WIDTH 30 mm		MODULE SHORT EDGE FLANGE WIDTH 30 mm
GROUND SCREW 76 x 2380		
PRODUCT CODE		
GLIDE AGILE PORTRAIT		
ENGINEERING APPROVED BY AS - 29/09/2025		
DRAWN BY TMC 29/09/2025	REVISION - STATUS 4 - Released	SHEET NUMBER 15 OF 19

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REAR ELEVATION VIEW
SCALE 1/20

NOTES:

- 1> TYPICAL INSTALLATION DIMENSIONS MAY BE ADJUSTED TO SUIT FIELD CONDITIONS WITHIN THE TOLERANCES PROVIDED.
2> PURLIN SPACING IS DEPENDENT ON MODULE SPECIFICATIONS, REFER TO PROJECT NOTES FOR MODULE SPECIFICATIONS.
3> SEISMIC CROSS BRACING TO BE FIELD FIT.

ZEYN B. UZMAN
PE #PEN.0023151 - CTPROJECT NAME
BORELLI SOLARPROJECT NUMBER
25-34696CLIENT
ALLCO FINANCE LIMITED

ASCE 7-16	RISK CATEGORY I
EXPOSURE CATEGORY C	WIND SPEED 106.92 MPH
GROUND SNOW LOAD Pg 30 PSF	FLAT ROOF SNOW LOAD Pf 30 PSF
SITE CLASS D	SEISMIC Sds 0.217

MODULE MODEL SERIES 7 TR1		
MODULE LONG EDGE 2300 mm	MODULE SHORT EDGE 1216 mm	MODULE THICKNESS 56 mm
MODULE LONG EDGE BOLT SPACING 1300 mm	MODULE SHORT EDGE BOLT SPACING 650 mm	
MODULE LONG EDGE FLANGE WIDTH 30 mm	MODULE SHORT EDGE FLANGE WIDTH 30 mm	

GROUND SCREW
76 x 2380PRODUCT CODE
GLIDE AGILE PORTRAITENGINEERING APPROVED BY
AS - 29/09/2025

DRAWN BY TMC 29/09/2025	REVISION - STATUS 4 - Released	SHEET NUMBER 16 OF 19
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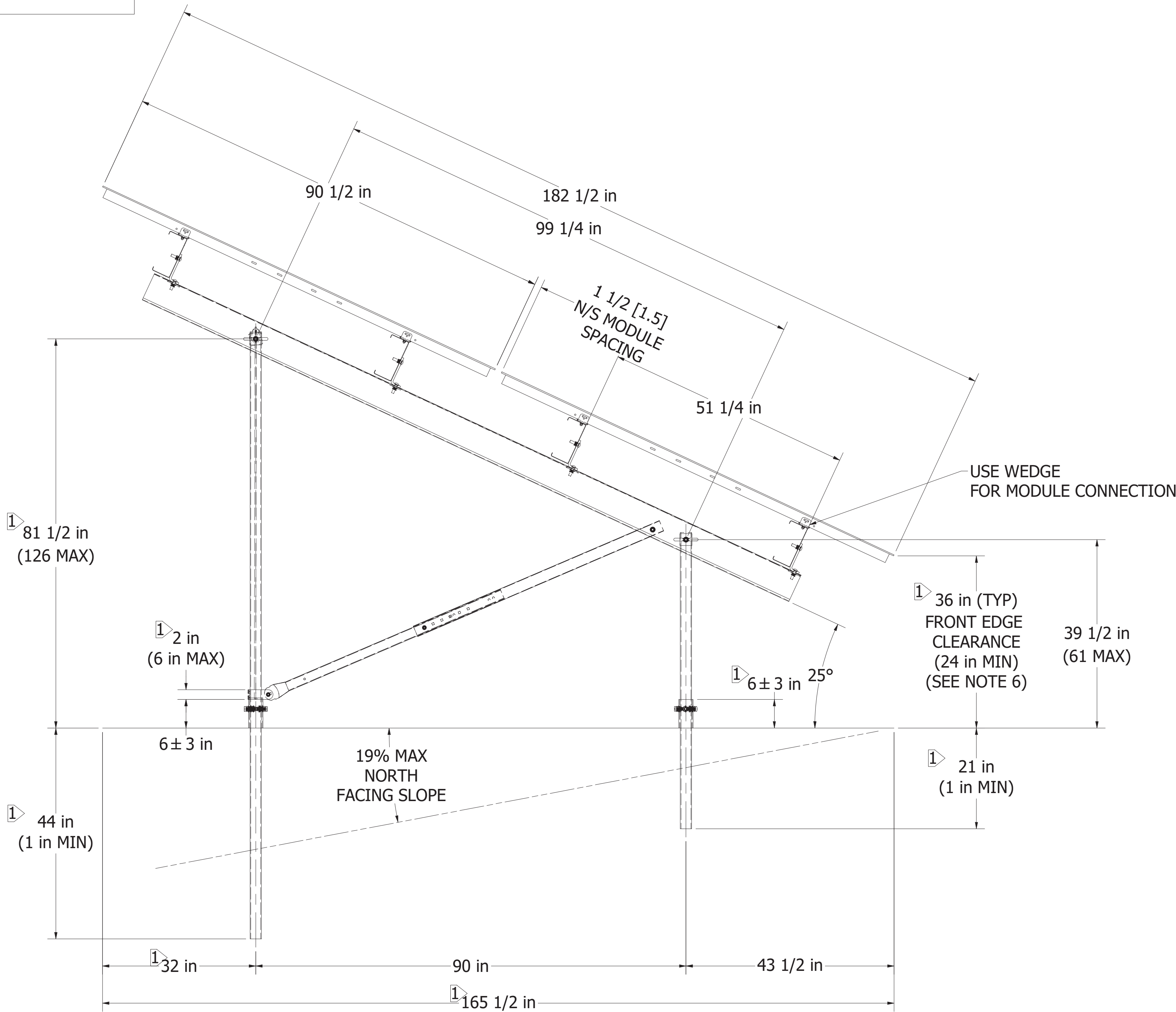
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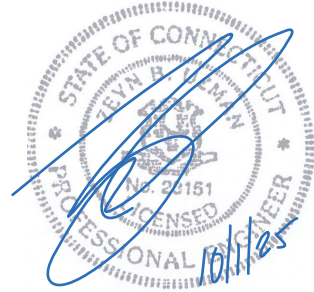
SOUTH SCREW - 76 mm X 2380 mm
NORTH SCREW - 76 mm X 2380 mm
NORTH /SOUTH BEAM - RAFTER - LENGTH = 149.25 in - N/A
EAST/ WEST BEAM - C-BEAM 9.0x4.0x0.0820- LENGTH = 270.69 in - N/A
NORTH LEG - - LENGTH = 127.00 in
SOUTH LEG - - LENGTH = 62.00 in
DIAGONAL EXTERNAL LATERAL BRACE - MECH2.360 x 13GA. - LENGTH = 56 in
DIAGONAL INTERNAL LATERAL BRACE - MECH2.000 x 12GA. - LENGTH = 54 in



SIDE ELEVATION VIEW
SCALE 1/14

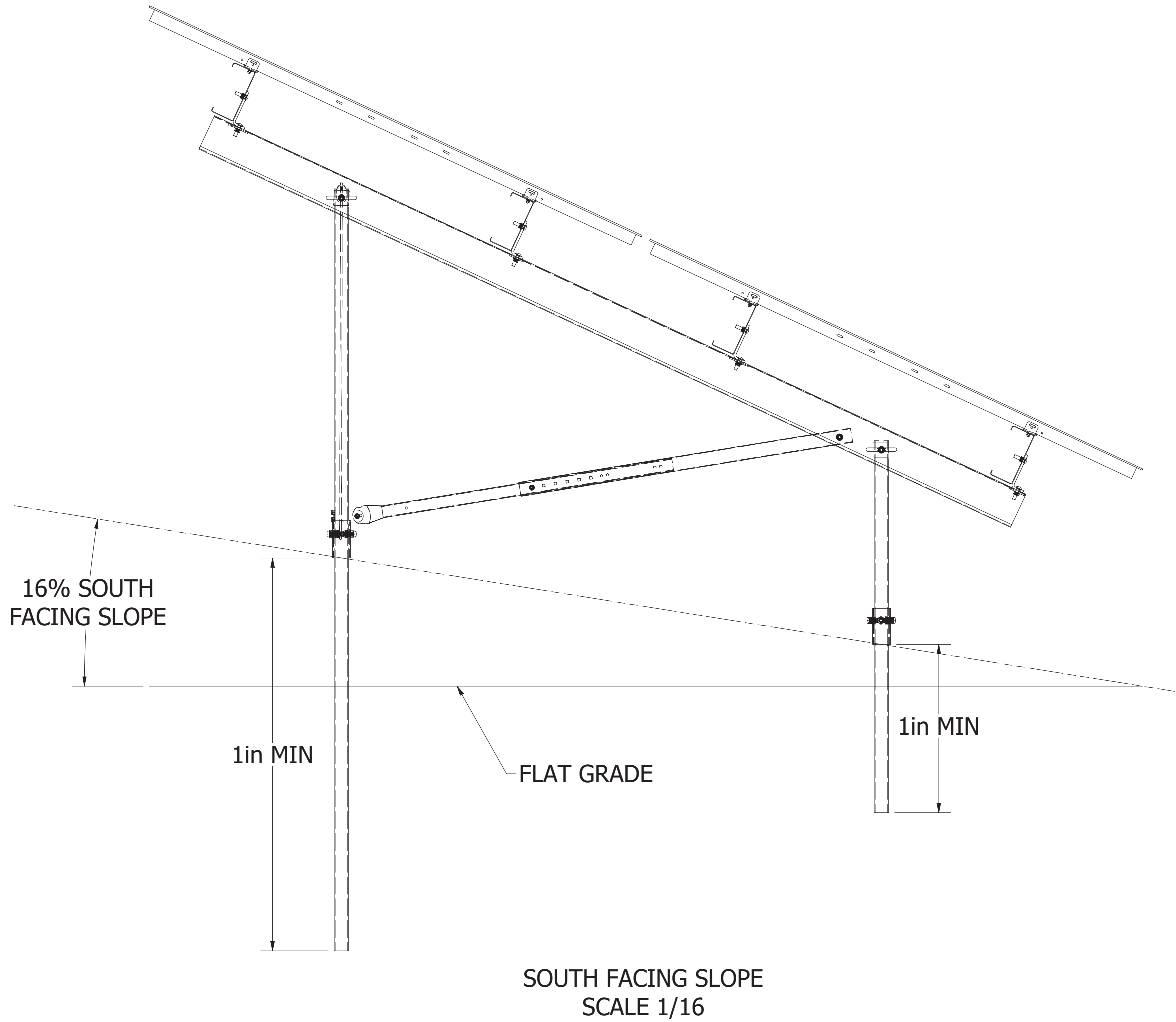
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DRAWING NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.

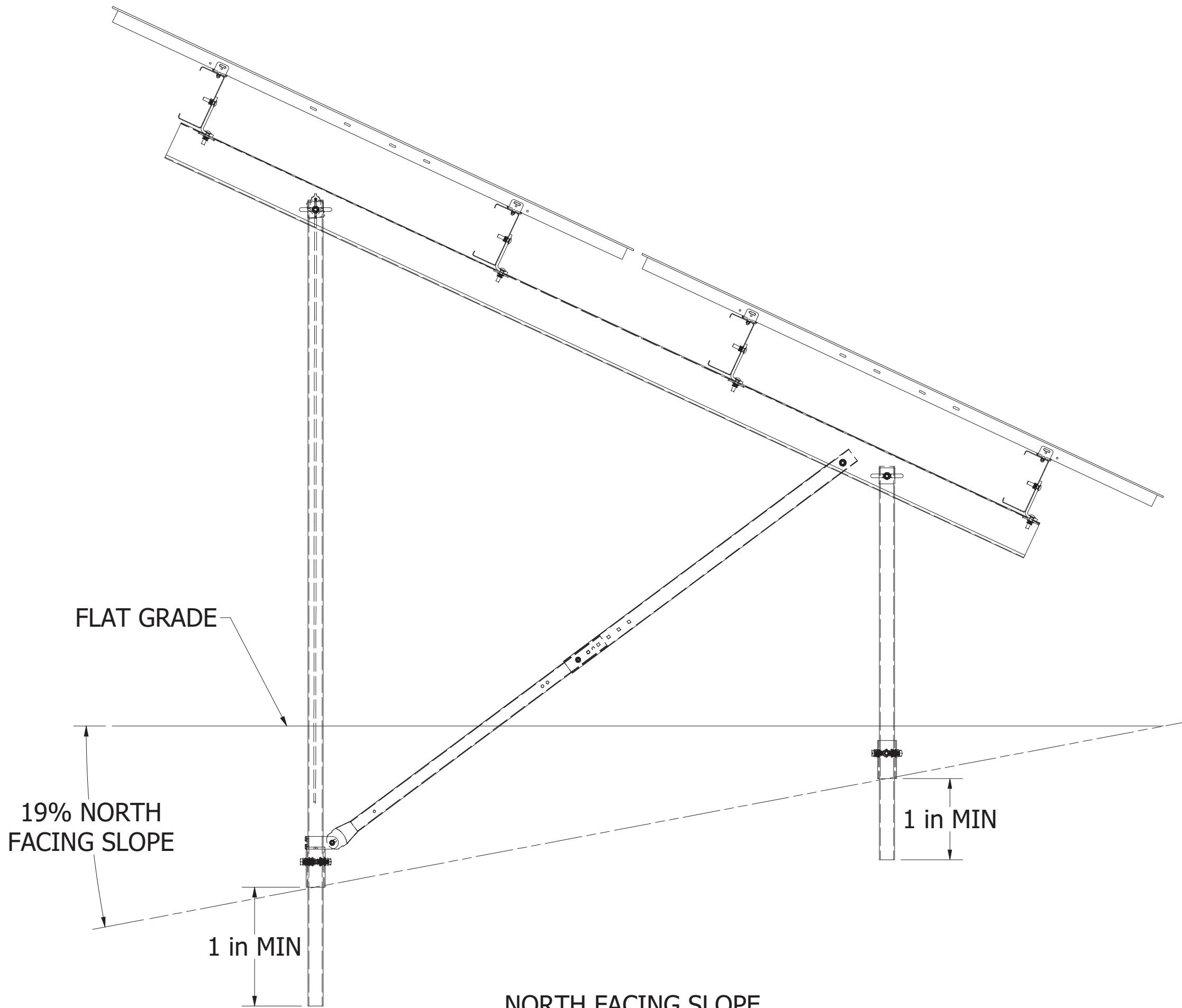


ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME		
BORELLI SOLAR		
PROJECT NUMBER		
25-34696		
CLIENT		
ALLCO FINANCE LIMITED		
ASCE	RISK CATEGORY	
7-16	I	
EXPOSURE CATEGORY	WIND SPEED	
C	106.92 MPH	
GROUND SNOW LOAD Pg	FLAT ROOF SNOW LOAD PI	
30 PSF	30 PSF	
SITE CLASS	SEISMIC Sds	
D	0.217	
MODULE MODEL		
SERIES 7 TR1		
MODULE LONG EDGE	MODULE SHORT EDGE	MODULE THICKNESS
2300 mm	1216 mm	56 mm
MODULE LONG EDGE BOLT SPACING	MODULE SHORT EDGE BOLT SPACING	
1300 mm	650 mm	
MODULE LONG EDGE FLANGE WIDTH	MODULE SHORT EDGE FLANGE WIDTH	
30 mm	30 mm	
GROUND SCREW		
76 x 2380		
PRODUCT CODE		
GLIDE AGILE PORTRAIT		
ENGINEERING APPROVED BY		
AS - 29/09/2025		
DRAWN BY	REVISION - STATUS	SHEET NUMBER
TMC 29/09/2025	4 - Released	17 OF 19
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SOUTH FACING SLOPE
SCALE 1/16



NORTH FACING SLOPE
SCALE 1/16

- NOTES:
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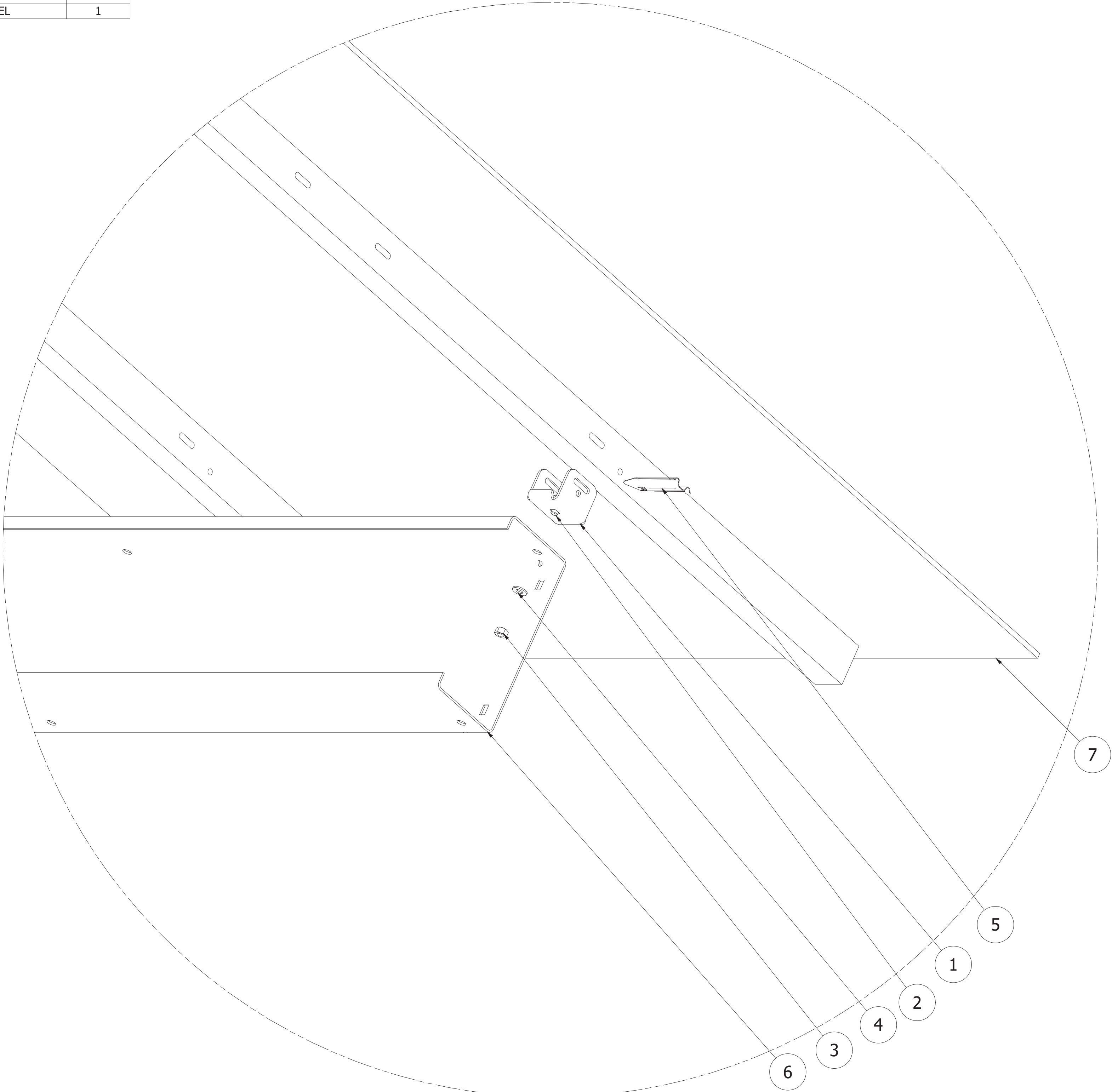
DRAWING NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.



ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME BORELLI SOLAR		
PROJECT NUMBER 25-34696		
CLIENT ALLCO FINANCE LIMITED		
ASCE 7-16	RISK CATEGORY I	
EXPOSURE CATEGORY C	WIND SPEED 106.92 MPH	
GROUND SNOW LOAD Pg 30 PSF	FLAT ROOF SNOW LOAD Pf 30 PSF	
SITE CLASS D	SEISMIC Sds 0.217	
MODULE MODEL SERIES 7 TR1		
MODULE LONG EDGE 2300 mm	MODULE SHORT EDGE 1216 mm	MODULE THICKNESS 56 mm
MODULE LONG EDGE BOLT SPACING 1300 mm		MODULE SHORT EDGE BOLT SPACING 650 mm
MODULE LONG EDGE FLANGE WIDTH 30 mm		MODULE SHORT EDGE FLANGE WIDTH 30 mm
GROUND SCREW 76 x 2380		
PRODUCT CODE GLIDE AGILE PORTRAIT		
ENGINEERING APPROVED BY AS - 29/09/2025		
DRAWN BY TMC 29/09/2025	REVISION - STATUS 4 - Released	SHEET NUMBER 18 OF 19
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PARTS LIST			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	115010	FS7 FIXED TILT MOUNTING CLIP	1
2	115011	5/16 CARRIAGE BOLT	1
3	115012	5/16 HEX NUT	1
4	118368	5/16 TYPE A PLAIN WASHER	1
5	804954	POWAR WEDGE FS7	1
6	CUSTOM	CEE BEAM	1
7	FS7 TR1	FIRST SOLAR SERIES 7 PANEL	1



DETAIL OF FS7 WEDGE INSTALLATION

DRAWING NOTES
1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5-2018.



ZEYN B. UZMAN
PE #PEN.0023151 - CT

PROJECT NAME
BORELLI SOLAR

PROJECT NUMBER
25-34696

CLIENT
ALLCO FINANCE LIMITED

ASCE 7-16	RISK CATEGORY I
EXPOSURE CATEGORY C	WIND SPEED 106.92 MPH
GROUND SNOW LOAD P _g 30 PSF	FLAT ROOF SNOW LOAD P _f 30 PSF
SITE CLASS D	SEISMIC S _{ds} 0.217

MODULE MODEL SERIES 7 TR1		
MODULE LONG EDGE 2300 mm	MODULE SHORT EDGE 1216 mm	MODULE THICKNESS 56 mm
MODULE LONG EDGE BOLT SPACING 1300 mm		MODULE SHORT EDGE BOLT SPACING 650 mm
MODULE LONG EDGE FLANGE WIDTH 30 mm		MODULE SHORT EDGE FLANGE WIDTH 30 mm

GROUND SCREW
76 x 2380

PRODUCT CODE
GLIDE AGILE PORTRAIT

ENGINEERING APPROVED BY
AS - 29/09/2025

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