

1. FRAME AND FOUNDATION CONFORMS TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE BASED UPON DESIGN CRITERIA AS OUTLINED ON THE COVER SHEET. TERRASMAK MAKES NO REPRESENTATION AS TO THE ACCURACY OF THE DESIGN CRITERIA AS IT WAS SUPPLIED BY CLIENT. PLEASE REFER TO STRUCTURAL CALCULATIONS FOR FRAME AND FOUNDATION DESIGN.
2. THE STRUCTURAL INTEGRITY OF THE TERRAGLIDE RACK DEPENDS ON INTERACTION OF VARIOUS CONNECTED COMPONENTS. PROVIDE ADEQUATE BRACING, SHORING, AND OTHER TEMPORARY SUPPORTS AS REQUIRED TO SAFELY COMPLETE THE WORK.
3. FOUNDATION INSTALLATION SUB-CONTRACTOR SHALL COORDINATE WITH THE ENGINEER IF ANY UNFORESEEN CONFLICTS ARISE, SUCH AS EXISTING UNDULATION THAT COULD POTENTIALLY CAUSE RACKING INSTALLATION ISSUES.
4. STRUCTURAL STEEL SHALL BE ERECTED IN ACCORDANCE WITH AISC SPECIFICATIONS, UNLESS OTHERWISE NOTED.
5. DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.
6. CROSS BRACING TO BE FIT ON SITE, PER INSTALLATION MANUAL.
7. COLD GALVANIZING COMPOUND SHALL BE USED PER MANUFACTURER'S DIRECTIONS AND IN ACCORDANCE WITH ASTM-A780 IN AREAS WHERE GALVANIZATION WAS REMOVED DURING TRANSPORTATION, OR ERECTION/INSTALLATION.
8. BOLTS TO BE TIGHTENED PER THE PROCEDURES DESCRIBED IN THE INSTALLATION MANUAL.
9. THIS STRUCTURAL DRAWING DOES NOT INCLUDE INFORMATION REGARDING ELECTRICAL CONNECTIONS, INCLUDING GROUNDING. REFER TO INSTALLATION MANUAL AND ELECTRICAL PLANS PREPARED BY OTHERS.
10. SHADING ANALYSIS WAS NOT PERFORMED BY TERRASMAK AND WAS NOT CONSIDERED IN THE LAYOUT OF THE FOUNDATION. TERRASMAK RECOMMENDS CONSULTING A SOLAR SHADING EXPERT PRIOR TO INSTALLATION TO AVOID POWER REDUCTION DUE TO SHADOWS.
11. SNOW BANKING ANALYSIS WAS NOT PERFORMED BY TERRASMAK AND WAS NOT CONSIDERED IN THE STRUCTURAL DESIGN. THE FRONT EDGE CLEARANCE WAS SUPPLIED BY CLIENT AND IT IS ASSUMED THAT THE SYSTEM OWNER WILL REMOVE SNOW AS NEEDED TO MAINTAIN AN UNOBSTRUCTED FRONT EDGE. ADVERSE EFFECTS OF SNOW BANKING, INCLUDING SHADING OR OTHER STRUCTURAL CONSIDERATIONS ARE BEYOND TERRASMAK'S SCOPE.
12. MINIMUM AND TYPICAL FRONT EDGE CLEARANCE SHOWN ON SIDE ELEVATION. MAXIMUM FRONT EDGE CLEARANCE DETERMINED PER FIELD CONDITIONS.
13. SOUTHERN EDGES OF MODULES SHALL BE ALIGNED WITHIN 2" HORIZONTALLY OF THE SOUTHERN EDGE OF MODULES OF THE ADJACENT RACK.
14. EASTERN AND WESTERN EDGES OF MODULES SHALL BE ALIGNED WITHIN 2" VERTICALLY AND HORIZONTALLY OF THE SOUTHERN EDGE OF MODULES OF THE ADJACENT RACK.
15. TILT ANGLE TOLERANCE: $\pm 2^\circ$ FROM ANGLE SHOWN ON SIDE ELEVATION.
16. RACK SPACING TOLERANCE: 6" TYPICAL, 4" MINIMUM, FOR SECTIONS OF THE SITE THAT HAVE A RIDGE OR VALLEY, TERRASMAK RECOMMENDS INCREASING THE TABLE SPACING TO 10 INCHES AS MEASURED BETWEEN THE CLOSEST MODULES EDGE BETWEEN ADJACENT RACKS. REFER TO CIVIL ENGINEERING PLANS FOR MORE INFORMATION AND FURTHER DETAIL.
17. AZIMUTH TOLERANCE: $\pm 2^\circ$ FROM APPROVED CIVIL ENGINEERING PLANS.
18. TERRAGLIDE RACKING IS DESIGNED TO ACCOMMODATE A MAXIMUM EAST/WEST SLOPE OF 25%, A MAXIMUM NORTH FACING SLOPE OF 24%, AND A MAXIMUM SOUTH FACING SLOPE OF 20%. NO SLOPES WERE PROVIDED BY THE CLIENT, THEREFORE DEFAULT VALUE.
19. PANEL SPACING TOLERANCE: MINIMUM 1/4" FOR N/S AND E/W SPACING DIMENSION, AS SHOWN ON SIDE ELEVATION AND REAR ELEVATION TO SUIT FIELD CONDITIONS.
20. FOR MODULE MOUNTING HARDWARE, TERRASMAK PROVIDES STAINLESS STEEL HEX BOLT WITH INTEGRATED STAR WASHER AND SERRATED FLANGE NUT. THE CLIENT IS RESPONSIBLE TO CONFIRM THAT TERRASMAK'S MODULE MOUNTING HARDWARE IS COMPATIBLE WITH THE MODULE THAT THE CLIENT WILL PROVIDE.


1. PRIOR TO COMMENCING WORK AND FOR THE DURATION OF THE PROJECT, GENERAL CONTRACTOR SHALL ENSURE THE SITE IS PREPARED AND MAINTAINED AS FOLLOWS (TO AVOID CHANGE ORDERS):

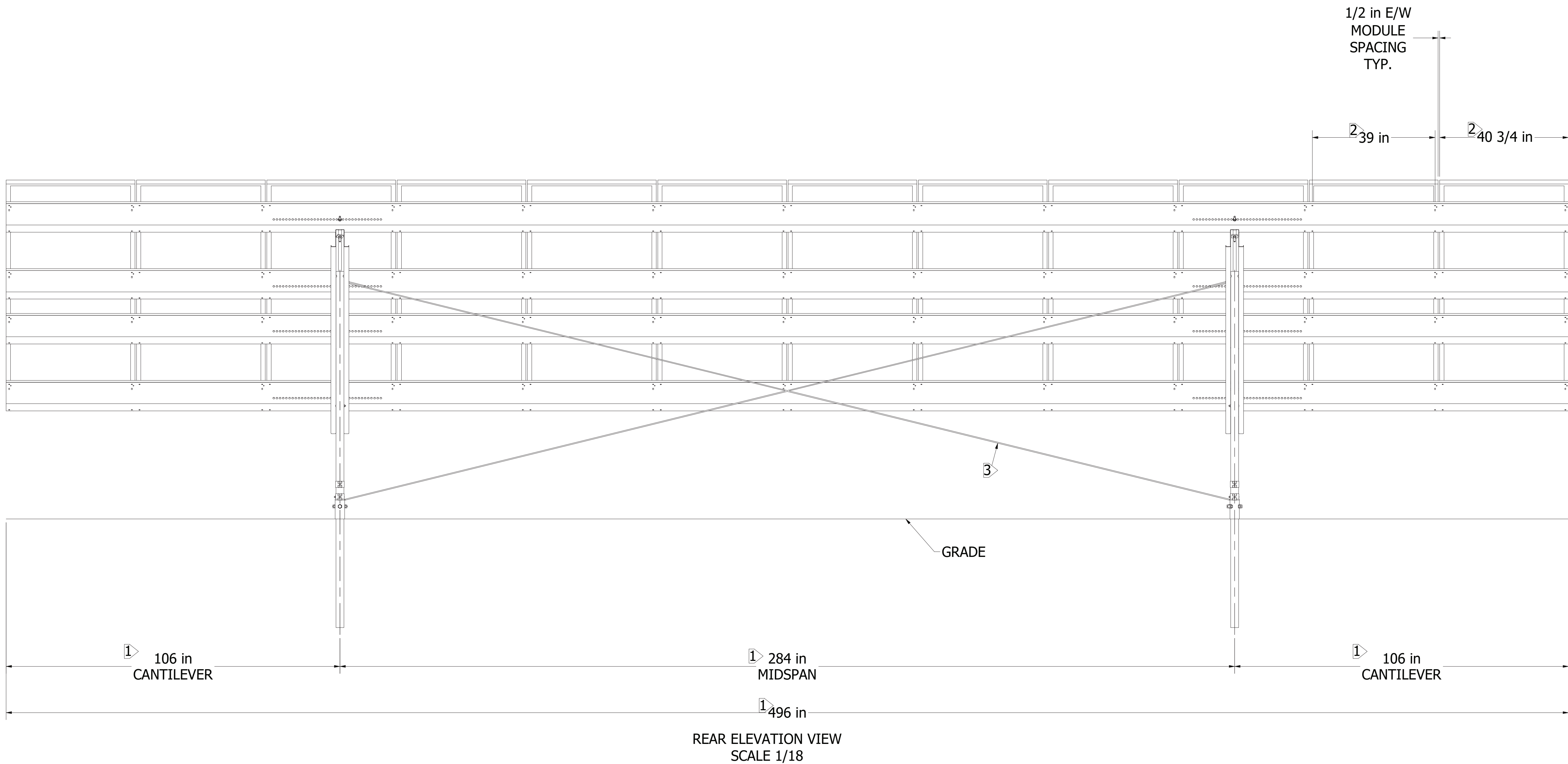
- A. ALL REQUIRED PERMITS SHALL BE OBTAINED AND CURRENT.
- B. LOCATE ALL UNDERGROUND UTILITIES AND ENSURE THAT THE PROPOSED INSTALLATION DOES NOT CONFLICT WITH ANY EXISTING INFRASTRUCTURE. MARKINGS SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT.
- C. ALL REQUIRED EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE AND OPERATIONAL.
- D. GRASS SHALL BE MOWED WITH BLADES NO HIGHER THAN 3" TALL.
- E. ALL VEGETATION, INCLUDING TREES AND SHRUBS SHALL BE CLEARED AND ROOT SYSTEMS GRUBBED. ALL ORGANIC MATTER SHALL BE STRIPPED AND REMOVED FROM THE BUILDING ENVELOPE BEFORE EARTH WORK OCCURS, IF ANY.
- F. LOOSE SURFACE IMPEDIMENTS, INCLUDING ROCKS, COBBLES, BOULDERS, CONSTRUCTION DEBRIS, AND OTHER OBSTRUCTIONS SHALL BE REMOVED.
- G. SITE SHALL BE SAFE FOR OPERATING MACHINERY AND FOR PERSONNEL ON FOOT. SITE CONDITIONS SHALL NOT BE AN ENCUMBRANCE TO THE PERFORMANCE OF WORK.
- H. GROUND WATER, INCLUDING WATER TABLE AND PERCHED WATER, SHALL NOT ENCROACH BETWEEN THE GROUND SURFACE AND THE EMBEDMENT DEPTH OF THE GROUND SCREW. DEWATERING IS REQUIRED IF GROUND WATER IS ENCOUNTERED DURING PILOT HOLE DRILLING AND/OR GROUND SCREW INSTALLATION.

1. SITE SHALL BE GRADED TO PROVIDE CONTROLLED POSITIVE DRAINAGE AWAY FROM FOUNDATIONS. STANDING WATER AND/OR WATER WITH SUFFICIENT VELOCITY TO ERODE SOIL IS NOT ALLOWED WITHIN 20 FEET OF THE FOUNDATION.
2. ALL FINISHED GRADE SOIL SHALL BE DISTURBED WITHIN 24" OF THE PROPOSED OR INSTALLED LOCATION OF A GROUND SCREW. SEE ADDITIONAL REQUIREMENTS FOR TRENCHES AND OTHER EXCAVATIONS IN SECTION II.3.
3. ALL EARTHWORK SHALL BE NOTED ON THE PLANS AND PROPERLY AS-BUILT. CUT AREAS SHALL BE PROOF ROLLED AFTER REMOVAL OF SOIL. FILL AREAS SHALL BE STRIPPED OF ALL VEGETATION AND PROOF ROLLED PRIOR TO PLACING FILL MATERIAL.
4. TRENCHES AND OTHER EXCAVATIONS MAY BE CUT EITHER BEFORE OR AFTER GROUND SCREW INSTALLATION PROVIDED THEY MEET THE REQUIREMENTS OF II.1, II.5. IF THEY ARE CUT AFTER GROUND SCREW INSTALLATION, THE HORIZONTAL DISTANCE BETWEEN THE GROUND SCREW AND THE EDGE OF THE EXCAVATION MUST BE GREATER THAN OR EQUAL TO THE VERTICAL DEPTH OF THE EXCAVATION (1:1 RATIO), PLUS 24". 2. IF THEY ARE CUT BEFORE GROUND SCREW INSTALLATION, THE HORIZONTAL DISTANCE BETWEEN EXCAVATION AND PROPOSED GROUND SCREW LOCATION SHOULD BE 24" OR GREATER.
5. IMPORTED GRANULAR FILL MATERIAL SHALL BE USED FOR EARTHWORK UNLESS ON-SITE SOILS MEET THE FOLLOWING REQUIREMENTS:
 - A. FREE OF PARTICLES LARGER THAN 2" IN DIAMETER, ORGANIC MATTER, AND OTHER DELETERIOUS MATERIALS; AND
 - B. CAN BE PROPERLY MOISTURE CONDITIONED.
6. GRANULAR ON-SITE SOILS OR IMPORTED GRANULAR MATERIAL MAY BE USED AS FILL AS LONG AS THEY MEET THE FOLLOWING REQUIREMENTS:
 - A. WELL GRADED BETWEEN COARSE AND FINE SIZES;
 - B. CONTAINING NO CLAY BALLS, ROOTS, ORGANIC MATTER OR OTHER DELETERIOUS MATERIALS;
 - C. MAXIMUM PARTICLE SIZE OF 2", WITH LESS THAN 12% PASSING THE U.S. NO. 200 SIEVE; AND
 - D. IMPORTED FILL MATERIALS SHALL BE SAMPLED AND TESTED BY A GEOTECHNICAL ENGINEER OR OTHER QUALIFIED SOIL TESTING AGENCY PRIOR TO BEING TRANSPORTED TO THE SITE.
7. FILL SOILS SHALL BE COMPACTED AT MOISTURE CONTENTS THAT ARE NEAR OPTIMUM. THE OPTIMUM MOISTURE CONTENT VARIES WITH THE SOIL GRADATION AND SHALL BE EVALUATED DURING CONSTRUCTION. FILL MATERIAL THAT IS NOT NEAR OPTIMUM MOISTURE CONTENT SHALL BE MOISTURE CONDITIONED. FILL MATERIAL SHALL BE PLACED IN UNIFORM, HORIZONTAL LIFTS, AND BE COMPACTED WITH APPROPRIATE EQUIPMENT TO AT LEAST 90% OF THE MAXIMUM DRY DENSITY PER ASTM D1557. THE MAXIMUM LIFT THICKNESS WILL VARY DEPENDING ON THE MATERIAL AND COMPACTION EQUIPMENT USED, BUT SHALL NOT BE GREATER THAN 12" AND SHOULD BE CONSISTENT THROUGHOUT THE DEPTH OF THE COMPACTED SOIL.
8. TERRASmart REQUIRES THAT FILL COMPACTION BE TESTED BY A GEOTECHNICAL ENGINEER OR OTHER QUALIFIED SOIL TESTING AGENCY DURING THE PLACEMENT AND COMPACTION OF FILL TO VALIDATE THE WORK.
9. ROCK DRILLING SHALL BE PERFORMED IF REQUIRED BY PRESENCE OF UNDERGROUND ROCK. PILOT HOLE DIAMETER SHALL BE DETERMINED BY ONSITE TESTING AND APPROVED BY TERRASmart.

1. GROUND SCREW FOUNDATIONS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER SPECIFICATIONS BY A CERTIFIED INSTALLER TRAINED ON THIS TECHNOLOGY.
2. GROUND SCREW FOUNDATIONS SHALL BE INSTALLED IN UNDISTURBED, NATURAL SOIL, UNLESS OTHERWISE NOTED AND PROPERLY PREPARED AS DESCRIBED IN SECTION II. SITE PREPARATION.
3. FOUNDATION INSTALLATION SUB-CONTRACTOR SHALL DETERMINE DIAMETER AND DEPTH OF PRE-DRILLED PILOT HOLE AS REQUIRED BY SITE CONDITIONS.
4. SHOULD UNFORESEEN LOOSE SOIL CONDITIONS BE ENCOUNTERED ONSITE, CONCRETE OR OTHER ADDITIVES MAY BE USED TO STABILIZE THE SOIL AT CLIENTS EXPENSE. SHOULD UNDERGROUND WATER BE ENCOUNTERED, THE CLIENT SHALL REMEDIATE THE ISSUE.
5. THE USE OF WATER AS LUBRICANT IS ALLOWED.
6. TOLERANCES IN THE POSITION OF EACH SCREW ARE $\pm 2"$ Laterally (North-South and East-West) AND $\pm 3"$ Vertically (Up-Down) WITH A TYPICAL 76.7" EMBEDMENT, AS MEASURED FROM GRADE. IN THE RARE CASE THAT A GROUND SETTLEMENT OCCURS, NO REMEDIATION IS REQUIRED IF THE SETTLEMENT RESULTS IN A RACKING CONFIGURATION THAT IS STILL WITHIN TOLERANCE OF THE PROJECT'S CONSTRUCTION PLANS OR INSTALLATION MANUAL AND DOES NOT OVER STRESS THE RACKING STRUCTURE.
7. MINIMUM REQUIRED TORQUE FOR GROUND SCREW INSTALLATION: 2000 N-m.
8. AT THIS TIME NO GROUND SCREW TESTING DATA IS AVAILABLE. GROUND SCREW FOUNDATIONS HAVE BEEN DESIGNED BASED ON EXTENSIVE TESTING IN MEDIUM/ DENSE SOILS.
9. GROUND SCREW FOUNDATIONS HAVE BEEN DESIGNED BASED ON THE PROJECT GEOTECHNICAL REPORT PROVIDED BY THE CLIENT (TERRACON, REPORT NUMBER J2185052, DATED 05/22/2018).

ZEYN B. UZMAN
CT PE# PEN.0023151

GROUND SCREW KRINNER G SERIES GLOBAL SCREW SOUTH SCREW - 76mm X 2100mm NORTH SCREW - 76mm X 2100mm MODULE DIMENSIONS NORTH/ SOUTH EDGE - 82.44 (2094mm) EAST/ WEST EDGE - 40.87 (1038mm) NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm) EAST/ WEST BOLT SPACING - 38.94 (989mm) THICKNESS - 1.38 (35mm)	PROJECT SPECIFICATIONS: TILT ANGLE - 25° RACK SIZE - 2X12 MODULE ORIENTATION - PORTRAIT	DRAWN BY TMC - 3/29/2021		CHECKED BY BS - 3/29/2021			SHEET SIZE D	
		ENG. APPROVED BY MF - 3/29/2021		PROJ. ENG. APPROVED BY BS - 3/29/2021				
	TERRASmart, LLC 14590 GLOBAL PARKWAY FORT MYERS, FL 33913 P 239.362.0211 F 239.676.1900 WWW.TERRASmart.COM	MFG. APPROVED BY SS - 3/29/2021	PROJECT NAME WATERFORD				REV 0	SHEET NUMBER 2 OF 18
		PROJECT NUMBER 21-7489	CLIENT GREENSKIES	MODULE HT72-166M		PROPRIETARY AND CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASmart. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASmart IS PROHIBITED.		



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- 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.

GROUND SCREW
KRINNER G SERIES GROUND SCREW
SOUTH SCREW - 76mm X 2100mm
NORTH SCREW - 76mm X 2100mm
MODULE DIMENSIONS
NORTH/ SOUTH EDGE - 82.44 (2094mm)
EAST/ WEST EDGE - 40.87 (1038mm)
NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm)
EAST/ WEST BOLT SPACING - 38.94 (989mm)
THICKNESS - 1.38 (35mm)

PROJECT SPECIFICATIONS:
TILT ANGLE - 25°
RACK SIZE - 2X12
MODULE ORIENTATION - PORTRAIT

TERRASMART, LLC
14590 GLOBAL PARKWAY
FORT MYERS, FL 33913
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WWW.TERRASMART.COM

DRAWN BY
TMC - 3/29/2021

ENG. APPROVED BY
MF - 3/29/2021

MFG. APPROVED BY
SS - 3/29/2021

CHECKED BY
BS - 3/29/2021

PROJ. ENG. APPROVED BY
BS - 3/29/2021

PROJECT NUMBER
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CLIENT
GREENSKIES

PROJECT NAME
WATERFORD



MODULE
HT72-166M

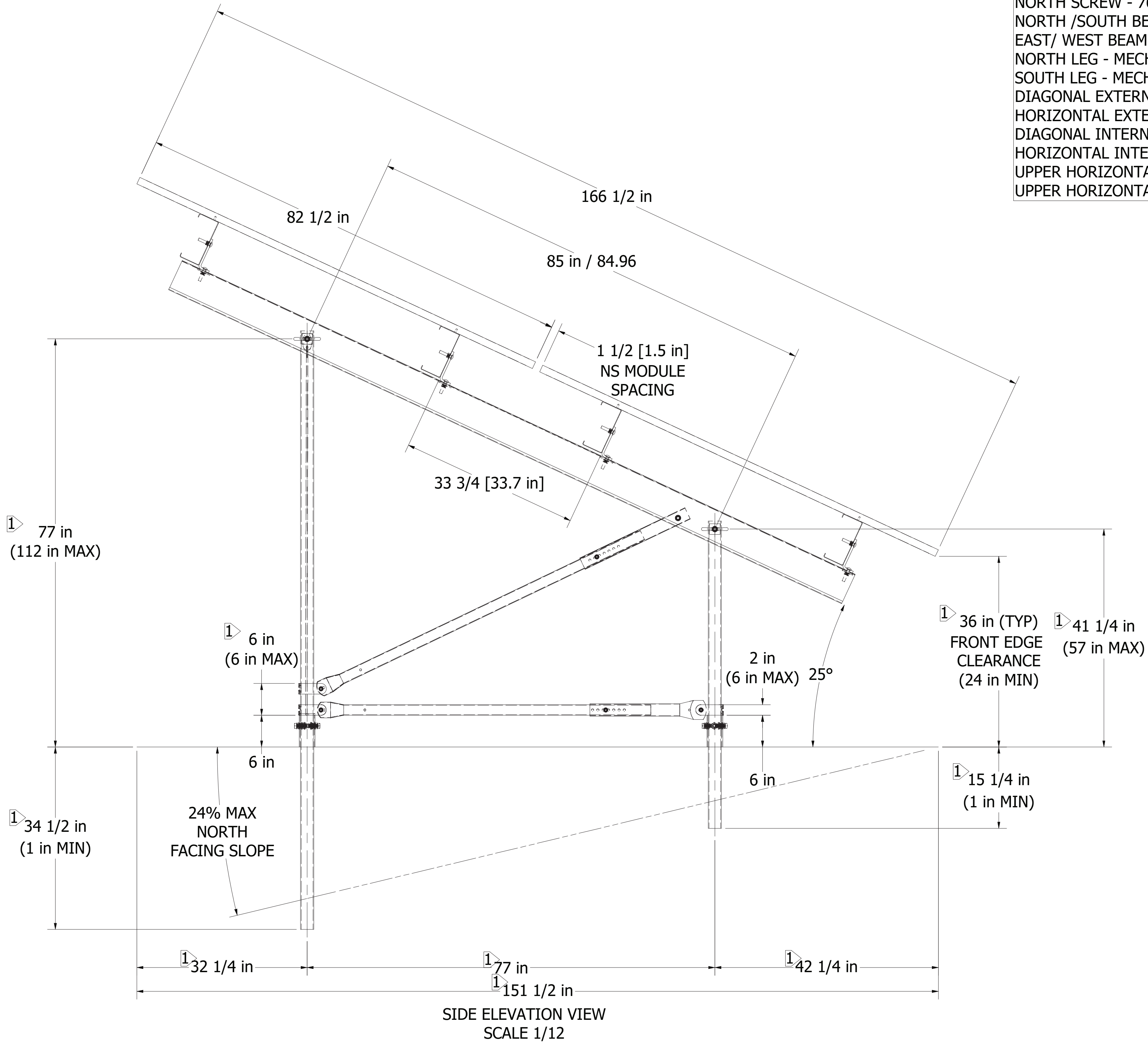
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SHEET NUMBER
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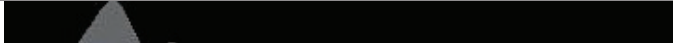
MEMBER PROPERTIES

SOUTH SCREW - 76 mm X 2100 mm
NORTH SCREW - 76 mm X 2100 mm
NORTH /SOUTH BEAM - RAFTER - LENGTH = 140.25 in
EAST/ WEST BEAM - C-BEAM 9.0x4.0x0.0860 - LENGTH = 495.96 in
NORTH LEG - MECH2.375 x 9GA. - LENGTH = 113.00 in
SOUTH LEG - MECH2.375 x 9GA. - LENGTH = 58.00 in
DIAGONAL EXTERNAL LATERAL BRACE - MECH2.360 x 13GA. - LENGTH = 23.00 in
HORIZONTAL EXTERNAL LATERAL BRACE - MECH2.360 x 13GA. - LENGTH = 22 in
DIAGONAL INTERNAL LATERAL BRACE - MECH2.000x12GA.- LENGTH = 68 in
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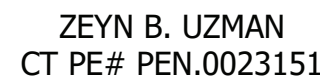
NOTES:

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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.


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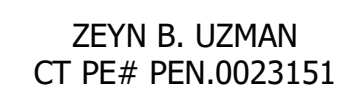



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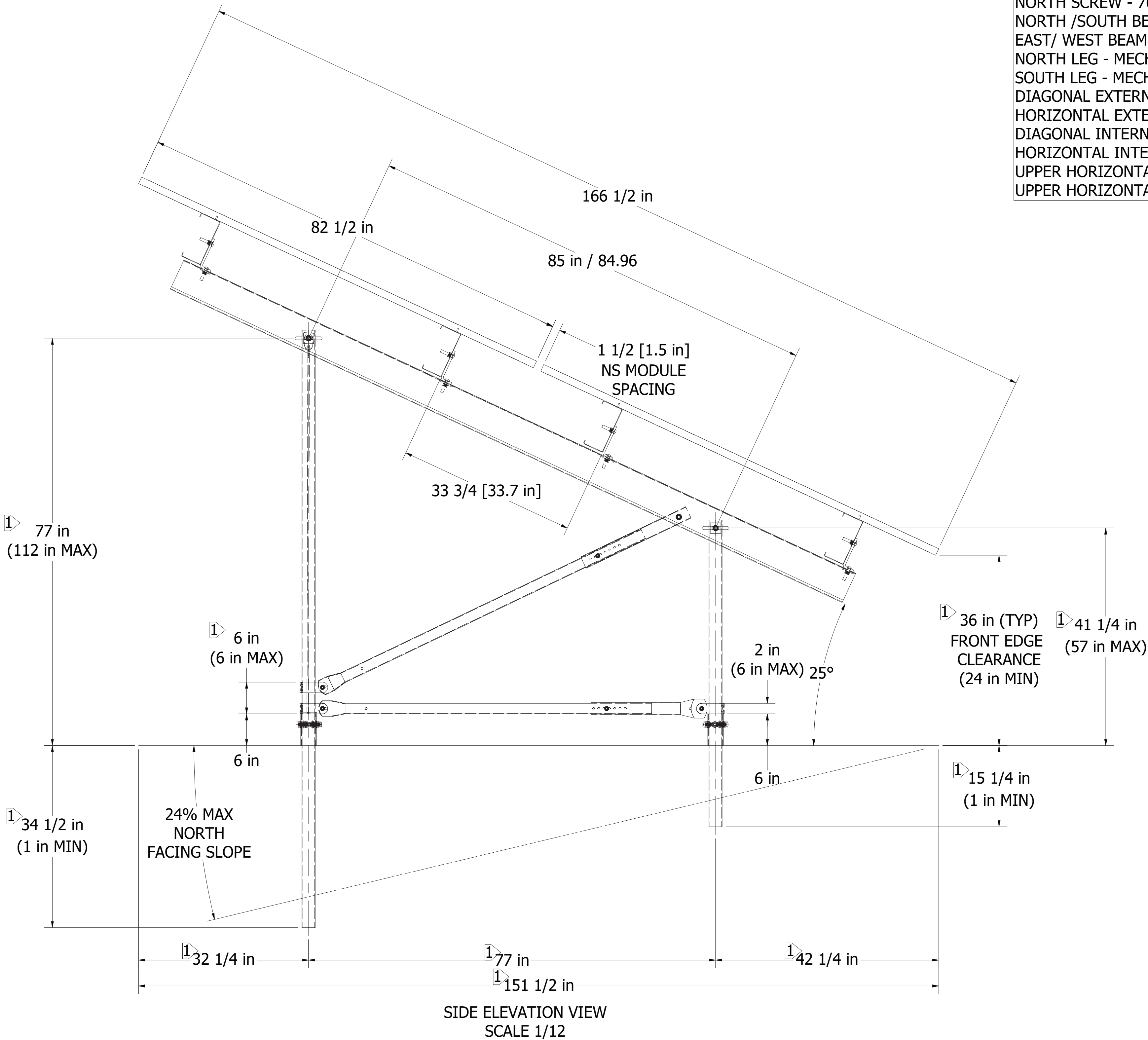
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3. LATERAL BRACES ARE DESIGNED TO ALLOW FOR 7" OF TOTAL ADJUSTMENT. IF FIELD CONDITIONS REQUIRE ADDITIONAL ADJUSTMENT AND LATERAL BRACES ARE TOO LONG, THEY MAY BE CUT DOWN AND DRILLED TO FIT BY THE RACK INSTALLER. IF THEY ARE TOO SHORT, NEW LATERAL BRACES MAY BE ORDERED TO FIT AT THE PURCHASER'S EXPENSE.

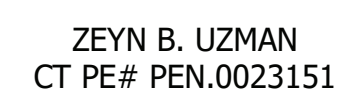
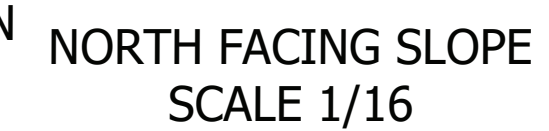
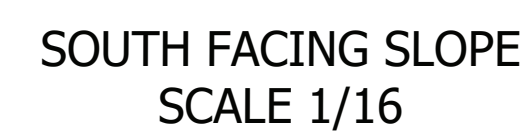
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GROUND SCREW KRINNER G SERIES GROUND SCREW SOUTH SCREW - 76mm X 2100mm NORTH SCREW - 76mm X 2100mm MODULE DIMENSIONS NORTH/ SOUTH EDGE - 82.44 (2094mm) EAST/ WEST EDGE - 40.87 (1038mm) NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm) EAST/ WEST BOLT SPACING - 38.94 (989mm) THICKNESS - 1.38 (35mm)	PROJECT SPECIFICATIONS: TILT ANGLE - 25° RACK SIZE - 2X11 MODULE ORIENTATION - PORTRAIT	DRAWN BY TMC - 3/29/2021		CHECKED BY BS - 3/29/2021				
		ENG. APPROVED BY MF - 3/29/2021		PROJ. ENG. APPROVED BY BS - 3/29/2021				
		MFG. APPROVED BY SS - 3/29/2021						
	TERRASMART, LLC 14590 GLOBAL PARKWAY FORT MYERS, FL 33913 P 239.362.0211 F 239.676.1900 WWW.TERRASMART.COM	PROJECT NUMBER 21-7489		CLIENT GREENSKIES		MODULE HT72-166M	REV 0	SHEET NUMBER 9 OF 18
		PROPRIETARY AND CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASMART IS PROHIBITED.						



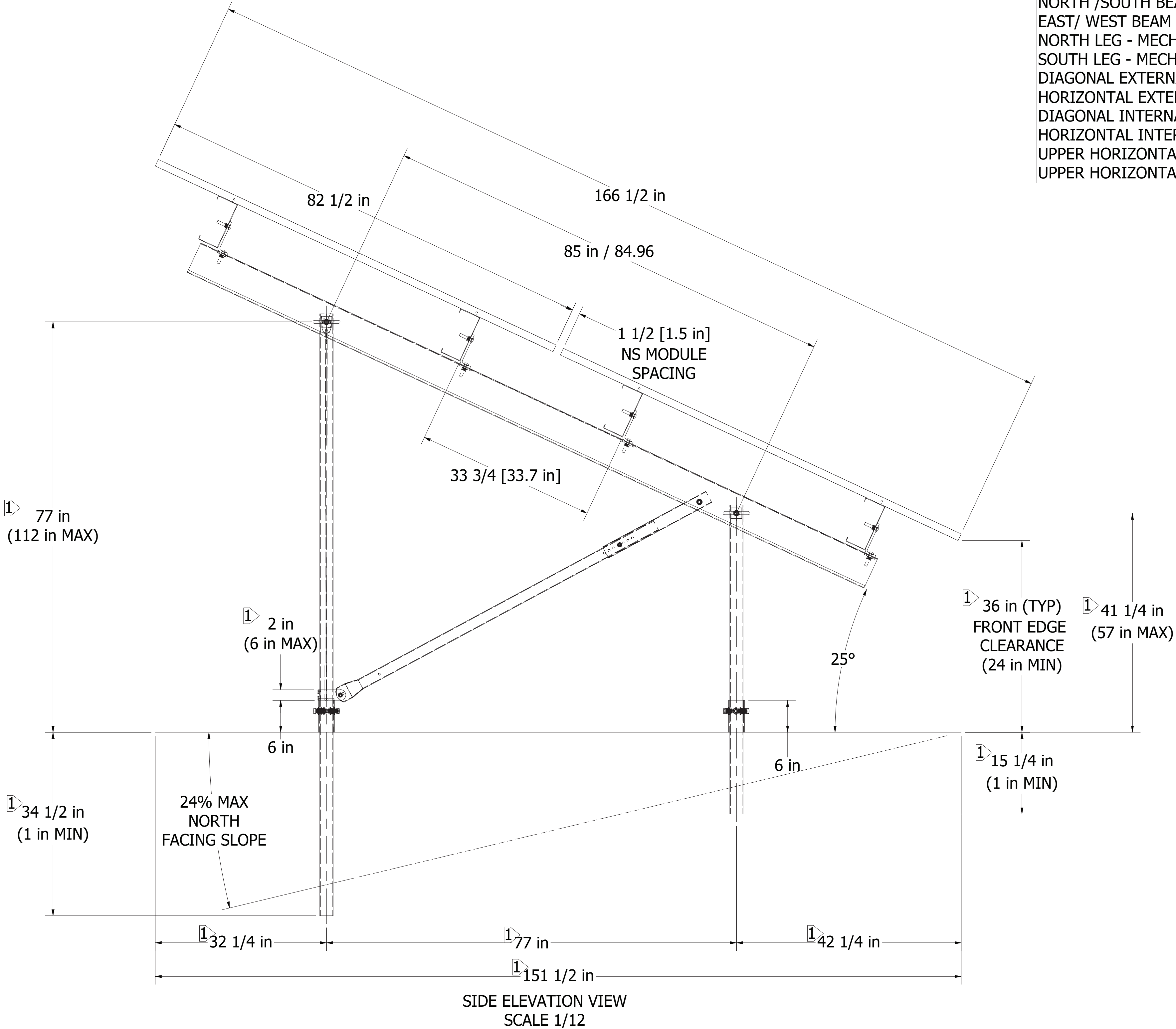
ZEYIN B. UZMAN
CT PE# PEN.0023151



E	<div>GROUND SCREW</div> <div>KRINNER G SERIES GROUND SCREW</div> <div>SOUTH SCREW - 76mm X 2100mm</div> <div>NORTH SCREW - 76mm X 2100mm</div> <div>MODULE DIMENSIONS</div> <div>NORTH/ SOUTH EDGE - 82.44 (2094mm)</div> <div>EAST/ WEST EDGE - 40.87 (1038mm)</div> <div>NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm)</div> <div>EAST/ WEST BOLT SPACING - 38.94 (989mm)</div> <div>THICKNESS - 1.38 (35mm)</div>	<div>PROJECT SPECIFICATIONS:</div> <div>TILT ANGLE - 25°</div> <div>RACK SIZE - 2X11</div> <div>MODULE ORIENTATION - PORTRAIT</div>		<div>DRAWN BY</div> <div>TMC - 3/29/2021</div>		<div>CHECKED BY</div> <div>BS - 3/29/2021</div>		<div></div>		<div>SHEET SIZE</div> <div>D</div>			
				<div>ENG. APPROVED BY</div> <div>MF - 3/29/2021</div>		<div>ENG. APPROVED BY</div> <div>BS - 3/29/2021</div>						<div>PROJECT NAME</div> <div>WATERFORD</div>	
				<div>MFG. APPROVED BY</div> <div>SS - 3/29/2021</div>		<div>PROJECT NUMBER</div> <div>21-7489</div>		<div>CLIENT</div> <div>GREENSKIES</div>		<div>MODULE</div> <div>HT72-166M</div>		<div>REV</div> <div>0</div>	
		<div>TERRASmart, LLC</div> <div>14590 GLOBAL PARKWAY</div> <div>FORT MYERS, FL 33913</div> <div>P 329.362.0211 F 329.676.1900</div> <div>WWW.TERRASmart.COM</div>		<div>PROPRIETARY AND CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASmart. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASmart IS PROHIBITED.</div>									

MEMBER PROPERTIES

SOUTH SCREW - 76 mm X 2100 mm
NORTH SCREW - 76 mm X 2100 mm
NORTH /SOUTH BEAM - RAFTER - LENGTH = 140.25 in
EAST/ WEST BEAM - C-BEAM 9.0x4.0x0.0860 - LENGTH = 289.13 in
NORTH LEG - MECH2.375 x 9GA. - LENGTH = 113.00 in
SOUTH LEG - MECH2.375 x 9GA. - LENGTH = 58.00 in
DIAGONAL EXTERNAL LATERAL BRACE - MECH2.360 x 13GA. - LENGTH = 23.00 in
HORIZONTAL EXTERNAL LATERAL BRACE - MECH2.360 x 13GA. - LENGTH = N/A in
DIAGONAL INTERNAL LATERAL BRACE - MECH2.000x12GA.- LENGTH = 68 in
HORIZONTAL INTERNAL LATERAL BRACE - MECH2.000x12GA.- LENGTH = N/A in
UPPER HORIZONTAL EXTERNAL LATERAL BRACE - MECH2.360 x 13GA. - LENGTH = N/A in
UPPER HORIZONTAL INTERNAL LATERAL BRACE - MECH2.000x12GA.- LENGTH = N/A in

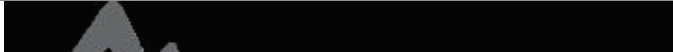


SIDE ELEVATION VIEW
SCALE 1/12

NOTES:

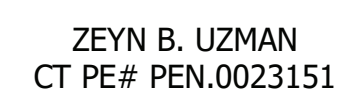
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2. LEGS SHALL BE INSTALLED PLUMB, IF MECHANICALLY POSSIBLE. MAXIMUM 3° OUT OF PLUMB.
3. LATERAL BRACES ARE DESIGNED TO ALLOW FOR 7" OF TOTAL ADJUSTMENT. IF FIELD CONDITIONS REQUIRE ADDITIONAL ADJUSTMENT AND LATERAL BRACES ARE TOO LONG, THEY MAY BE 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.
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	TERRASmart, LLC 14590 GLOBAL PARKWAY FORT MYERS, FL 33913 P 239.362.0211 F 239.676.1900 WWW.TERRASmart.COM	

DRAWN BY TMC - 3/29/2021		CHECKED BY BS - 3/29/2021			
ENG. APPROVED BY MF - 3/29/2021		PROJ. ENG. APPROVED BY BS - 3/29/2021			
MFG. APPROVED BY SS - 3/29/2021		PROJECT NAME WATERFORD			
PROJECT NUMBER 21-7489		CLIENT GREENSKIES		MODULE HT72-166M	
				REV 0	SHEET SIZE D
					SHEET NUMBER 13 OF 18
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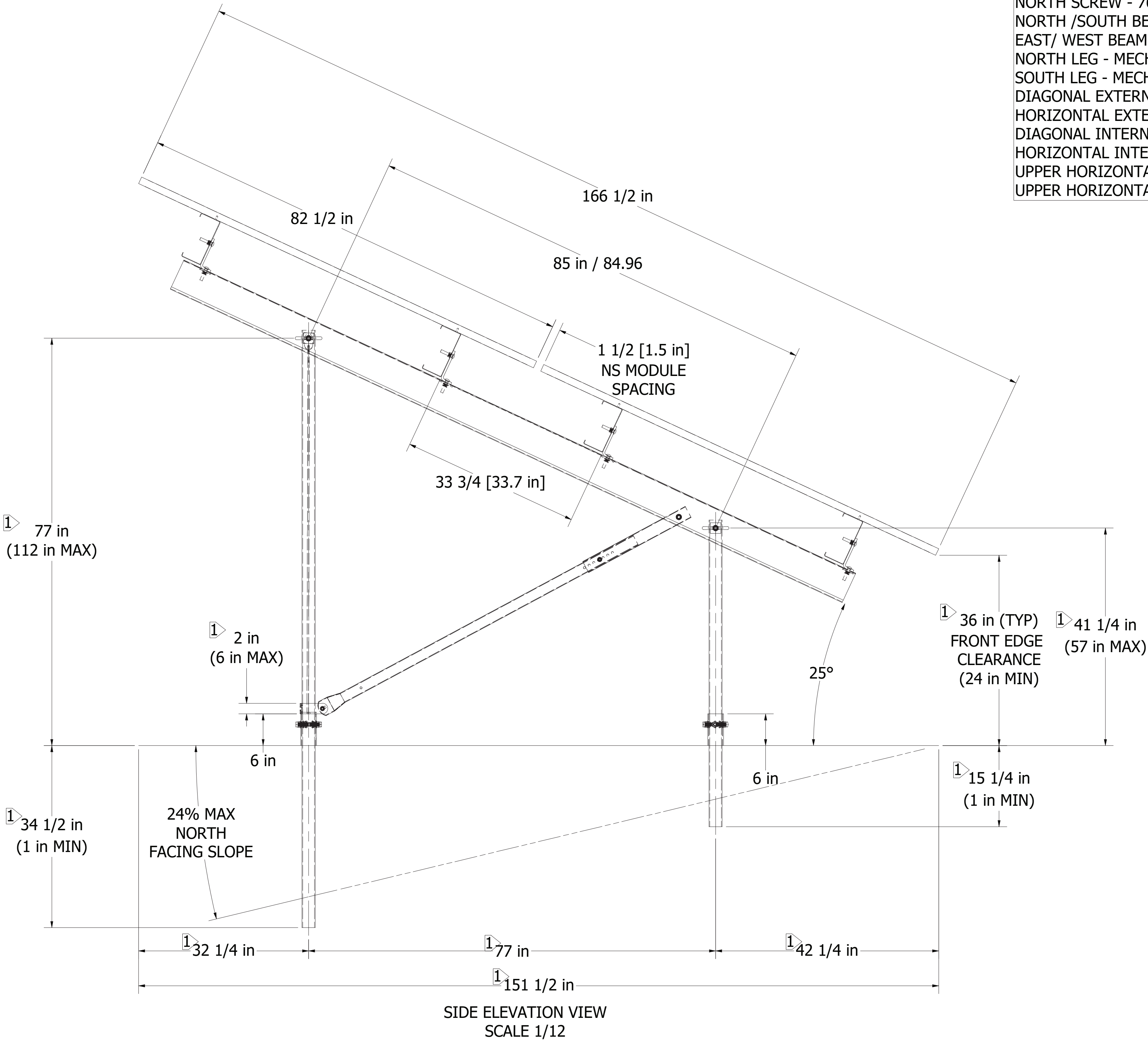
ZEYN B. UZMAN
CT PE# PEN.0023151



<div>GROUND SCREW</div> <div>KRINNER G SERIES GROUND SCREW</div> <div>SOUTH SCREW - 76mm X 2100mm</div> <div>NORTH SCREW - 76mm X 2100mm</div> <div>MODULE DIMENSIONS</div> <div>NORTH/ SOUTH EDGE - 82.44 (2094mm)</div> <div>EAST/ WEST EDGE - 40.87 (1038mm)</div> <div>NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm)</div> <div>EAST/ WEST BOLT SPACING - 38.94 (989mm)</div> <div>THICKNESS - 1.38 (35mm)</div>	<div>PROJECT SPECIFICATIONS:</div> <div>TILT ANGLE - 25°</div> <div>RACK SIZE - 2X7</div> <div>MODULE ORIENTATION - PORTRAIT</div>	<div>DRAWN BY</div> <div>TMC - 3/29/2021</div>		<div>CHECKED BY</div> <div>BS - 3/29/2021</div>					
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		<div>PROJECT NUMBER</div> <div>21-7489</div>		<div>CLIENT</div> <div>GREENSKIES</div>			<div>MODULE</div> <div>HT72-166M</div>	<div>REV</div> <div>0</div>	<div>SHEET NUMBER</div> <div>14 OF 18</div>
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SIDE ELEVATION VIEW
SCALE 1/12

NOTES:

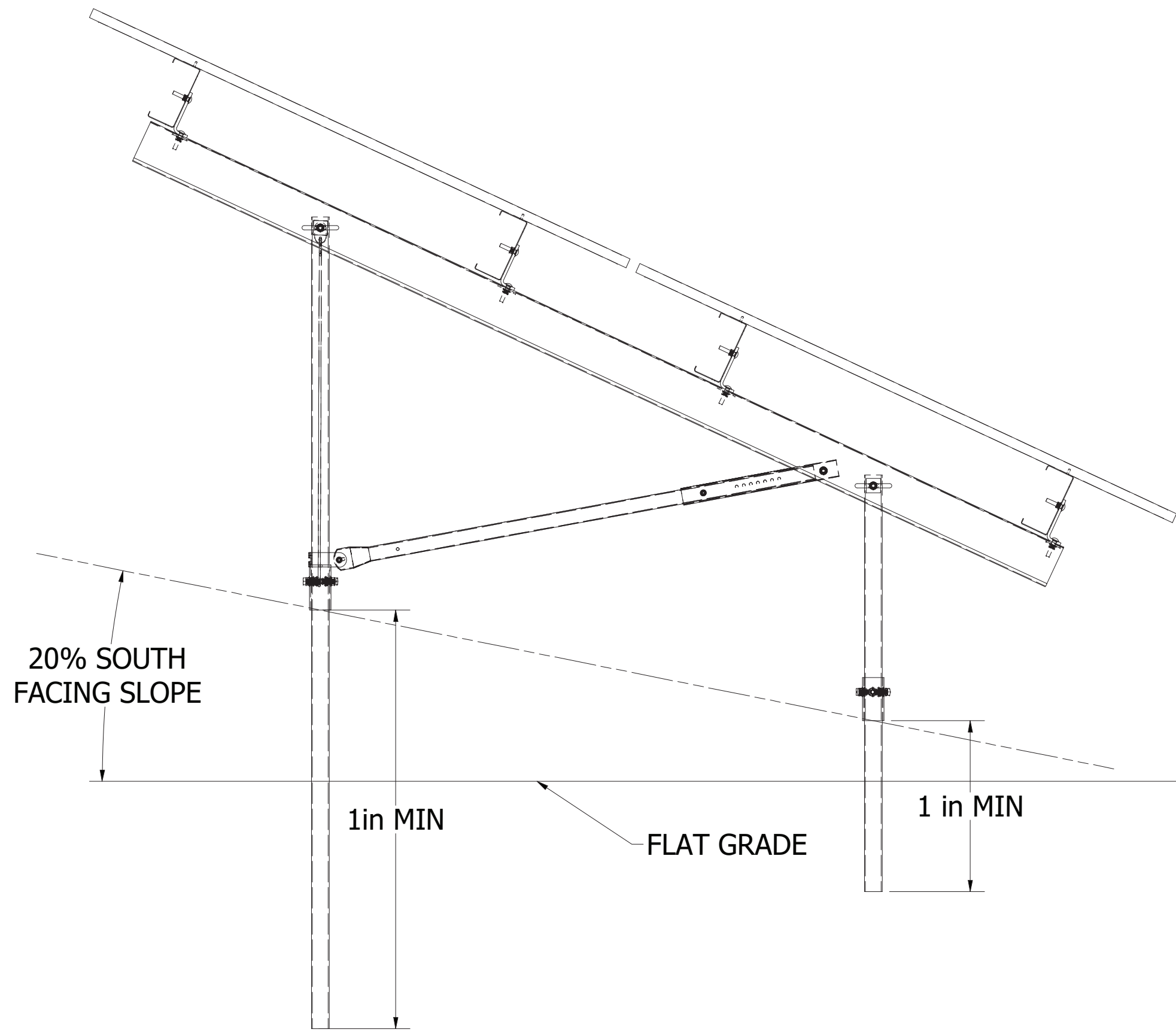
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		PROJECT NUMBER 21-7489	CLIENT GREENSKIES	MODULE HT72-166M	REV 0

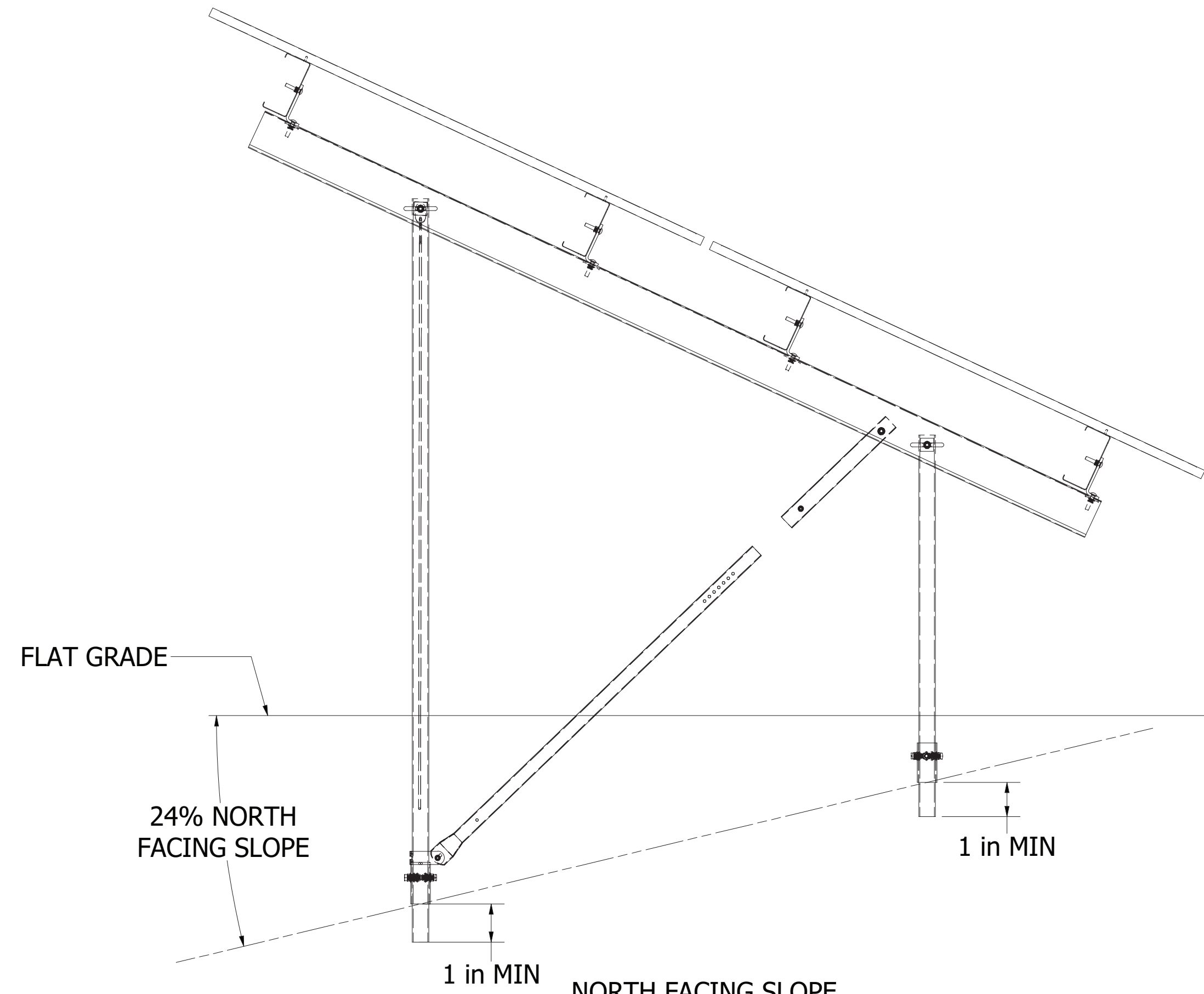
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SOUTH FACING SLOPE
SCALE 1/16



NORTH FACING SLOPE
SCALE 1/16

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	<div>TERRASmart, LLC</div> <div>14590 GLOBAL PARKWAY</div> <div>FORT MYERS, FL 33913</div> <div>P 239.362.0211 F 239.676.1900</div> <div>WWW.TERRASmart.COM</div>	<div>PROJECT NUMBER</div> <div>21-7489</div>	<div>CLIENT</div> <div>GREENSKIES</div>		<div>MODULE</div> <div>HT72-166M</div>	<div>REV</div> <div>0</div>	<div>SHEET NUMBER</div> <div>18 OF 18</div>
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