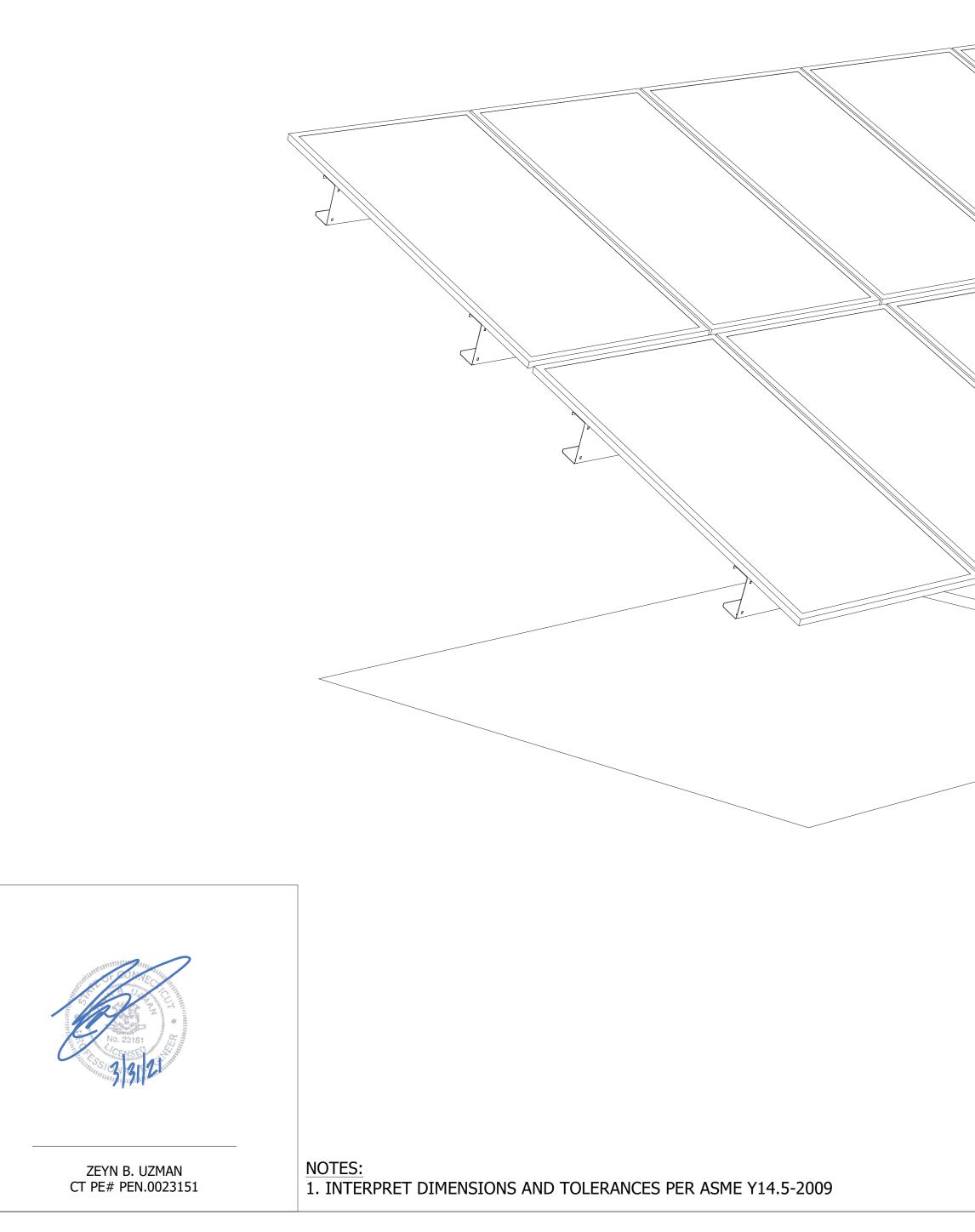
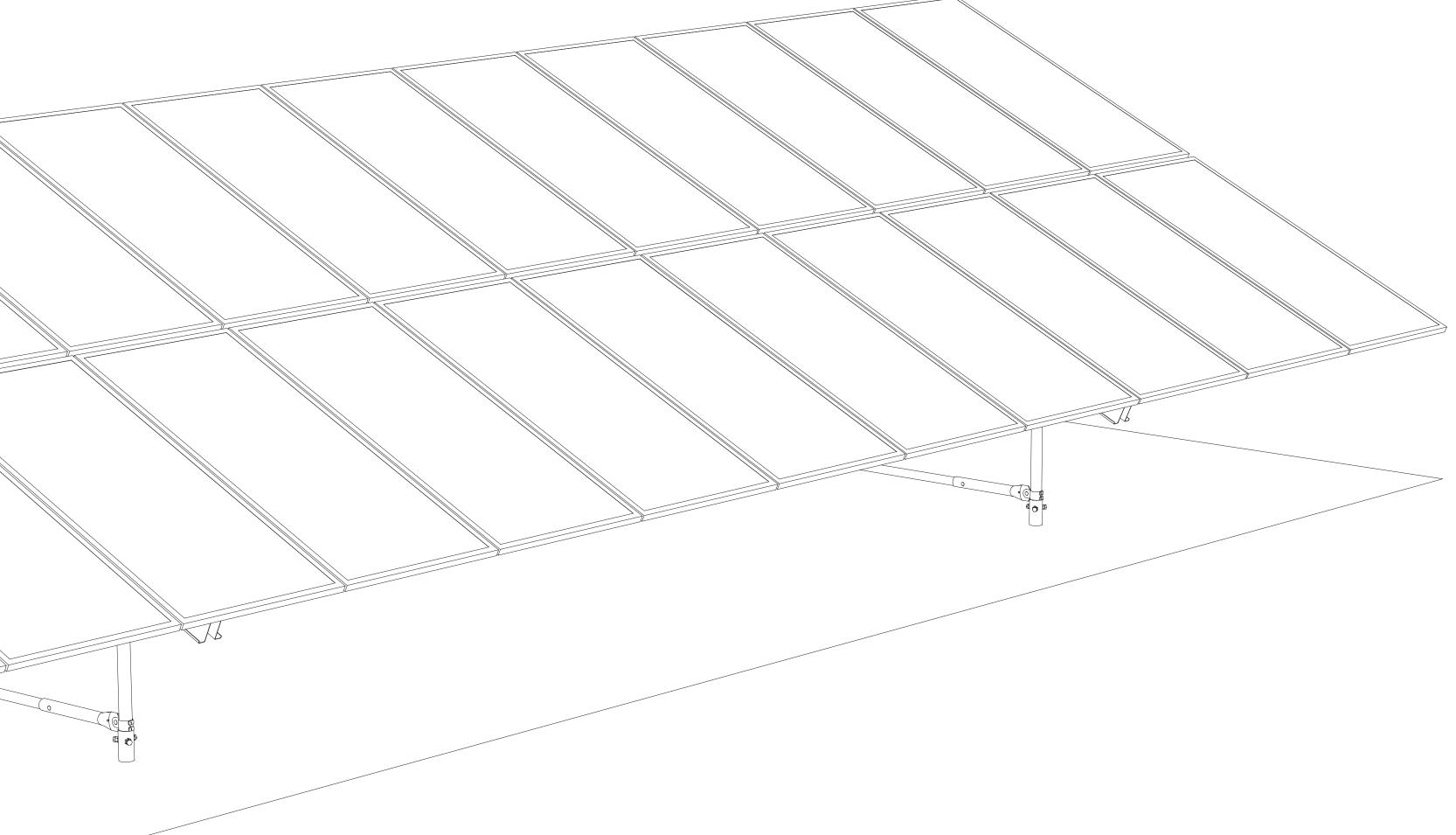
TERRAGLIDE RACKING ENGINEERING PLANS **GREENSKIES - WATERFORD** 2X12 - TERRAGLIDE PORTRAIT - 25° RACK - HT72-166M





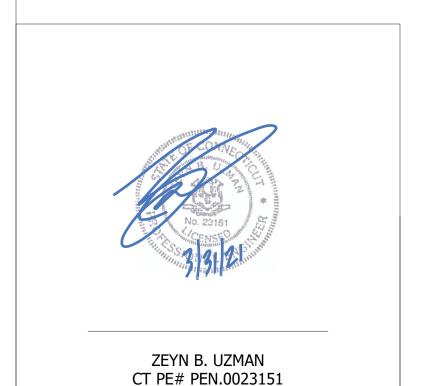
$\frac{\text{DESIGN CRITERIA}}{\text{ASCE} = 7-10}$	GROUND SCREW	PROJECT SPECIFICATIONS:	DRAWN BY TMC - 3/29/2021	CHECKED BY BS - 3/29/2021			inger sameren he
ASCE = 7-10 WIND SPEED = 115.04094555 MPH	KRINNER G SERIES GROUND SCREW SOUTH SCREW - 76mm X 2100mm	TILT ANGLE - 25 [.] RACK SIZE - 2X12	ENG. APPROVED BY MF - 3/29/2021	PROJ. ENG. APPROVED BY	TERRA:	S M	ART.
WIND LOAD BUILDING CATEGORY = I	NORTH SCREW - 76mm X 2100mm	MODULE ORIENTATION - PORTRAIT	• •	BS - 3/29/2021			
WIND LOAD EXPOSURE CATEGORY = C	MODULE DIMENSIONS	MODULE ORIENTATION - PORTRAIT	MFG. APPROVED BY SS - 3/29/2021		PROJECT NAME WATERFORD	ļ	SHEET SIZE
GROUND SNOW LOAD, Pg = 30 PSF	NORTH/ SOUTH EDGE - 82.44 (2094mm)		· ·		-		
FLAT ROOF SNOW LOAD, $Pf = 30 PSF$	EAST/ WEST EDGE - 40.87 (1038mm)	TERRASMART, LLC	PROJECT NUMBER	CLIENT	MODULE	REV	SHEET NUMBER
SEISMIC SITE CLASS = D	NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm)	14590 GLOBAL PARKWAY	21-7489	GREENSKIES	HT72-166M	0	1 OF 18
SEISMIC Sr = 0.161 SEISMIC S1 = 0.058	[SMIC Ss = 0.161] $EAST/ WEST BOLT SPACING - 38.94 (989mm)$	FORT MYERS, FL 33913 P 239.362.0211 F 239.676.1900 WWW.TERRASMART.COM			D IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASM RITTEN PERMISSION OF TERRASMART IS PROHIBITED.	1ART.	



- I. PERMITTING, CONSTRUCTION, AND ERECTION NOTES AS IT WAS SUPPLIED BY CLIENT. PLEASE REFER TO STRUCTURAL CALCULATIONS FOR FRAME AND FOUNDATION DESIGN. 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.
- 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 TERRASMART AND WAS NOT CONSIDERED IN THE LAYOUT OF THE FOUNDATION. TERRASMART RECOMMENDS CONSULTING A SOLAR SHADING EXPERT PRIOR TO INSTALLATION TO AVOID POWER REDUCTION DUE TO SHADOWS.
- MAINTAIN AN UNOBSTRUCTED FRONT EDGE. ADVERSE EFFECTS OF SNOW BANKING, INCLUDING SHADING OR OTHER STRUCTURAL CONSIDERATIONS ARE BEYOND TERRASMART'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: ± 2° 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, TERRASMART 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: ± 2° FROM APPROVED CIVIL ENGINEERING PLANS.
- 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. WITH THE MODULE THAT THE CLIENT WILL PROVIDE.
- **II. SITE PREPARATION**
- 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.

 - 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.

 - 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. DRILLING AND/OR GROUND SCREW INSTALLATION.
- EXCAVATION AND PROPOSED GROUND SCREW LOCATION SHOULD BE 24" OR GREATER. 4. IMPORTED GRANULAR FILL MATERIAL SHALL BE USED FOR EARTHWORK UNLESS ON-SITE SOILS MEET THE FOLLOWING REOUIREMENTS: A. FREE OF PARTICLES LARGER THAN 2" IN DIAMETER, ORGANIC MATTER, AND OTHER DELETERIOUS MATERIALS; AND B. CAN BE PROPERLY MOISTURE CONDITIONED.
- 5. 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. 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. 7. 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. 8. 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. **III. FOUNDATION NOTES**
- 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.
- 5. THE USE OF WATER AS LUBRICANT IS ALLOWED.
- 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).



1. FRAME AND FOUNDATION CONFORMS TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE BASED UPON DESIGN CRITERIA AS OUTLINED ON THE COVER SHEET. TERRASMART MAKES NO REPRESENTATION AS TO THE ACCURACY OF THE DESIGN CRITERIA

2. THE STRUCTURAL INTEGRITY OF THE TERRAGLIDE RACK DEPENDS ON INTERACTION OF VARIOUS CONNECTED COMPONENTS. PROVIDE ADEQUATE BRACING, 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.

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.

11. SNOW BANKING ANALYSIS WAS NOT PERFORMED BY TERRASMART 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

18. TERRAGLIDE RACKING IS DESIGNED TO ACCOMMODATE A MAXIMUM EAST/WEST SLOPE OF 25%, A MAXIMUM NORTH FACING SLOPE OF 26%. NO SLOPES WERE PROVIDED BY THE CLIENT, THEREFORE DEFAULT VALUES HAVE BEEN USED. 20. FOR MODULE MOUNTING HARDWARE, TERRASMART PROVIDES STAINLESS STEEL HEX BOLT WITH INTEGRATED FLANGE NUT. THE CLIENT IS RESPONSIBLE TO CONFIRM THAT TERRASMART'S MODULE MOUNTING HARDWARE IS COMPATIBLE

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.

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. 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

I. 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. J. NO 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. 2. ALL EARTHWORK SHALL BE NOTED ON THE PLANS AND PROPERLY AS-BUILTED. 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. 3. 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

6. 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

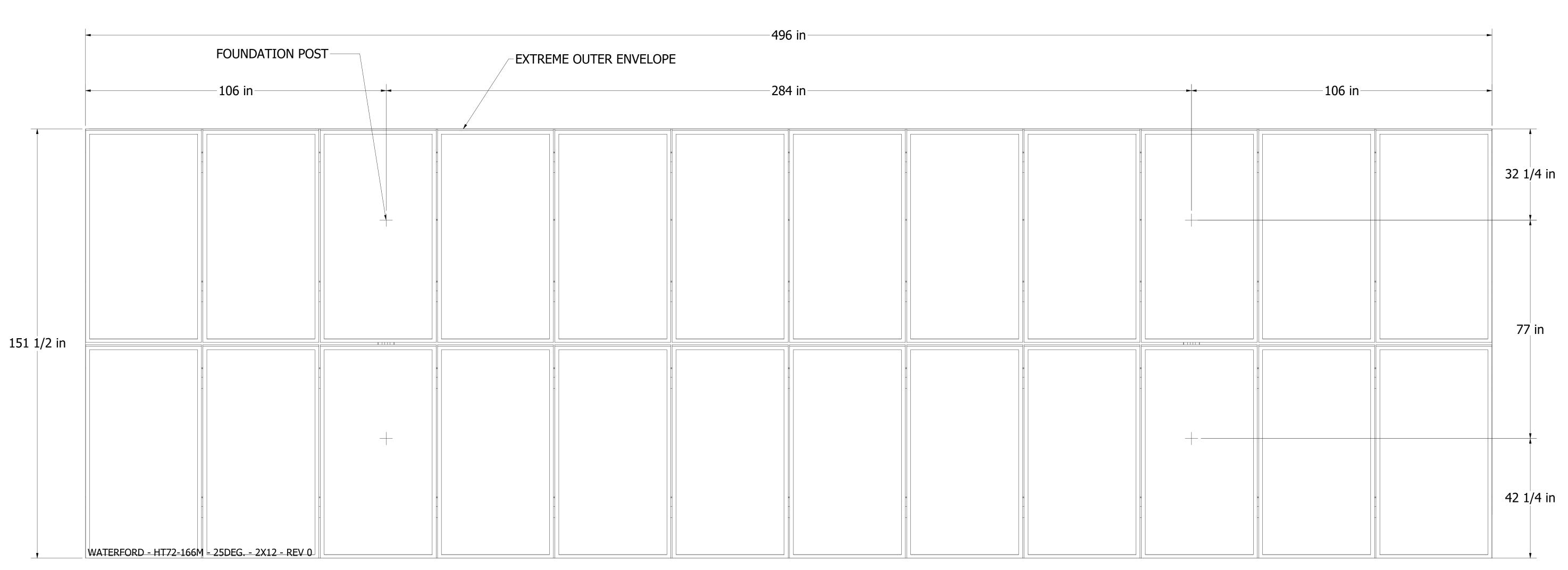
4. SHOULD UNFORESEEN LOOSE SOIL CONDITIONS BE ENCOUNTERED ONSITE, CONCRETE OR OTHER ADDITIVES MAY BE USED TO STABILIZE THE SOIL AT CLIENTS EXPENSE. SHOULD UNDERGROUND WATER BE ENCOUNTERED, THE CLIENT SHALL REMEDIATE THE ISSUE.

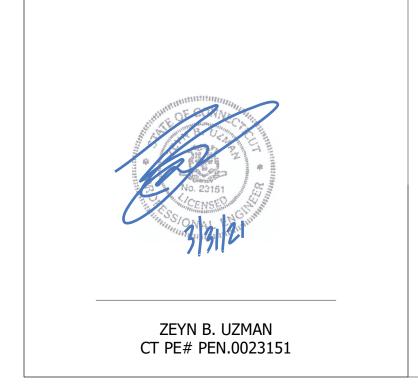
6. TOLERANCES IN THE POSTION OF EACH SCREW ARE ± 2" LATERALLY (NORTH-SOUTH AND EAST-WEST) AND ± 3" VERTICALLY (UP-DOWN) WITH A TYPICAL 76.7" EMBEDMENT, AS MEASURED FROM GRADE. IN THE RARE CASE THAT A GROUND SETTLEMENT OCCURS, NO REMEDIATION IS REQUIRED IF THE

v-1.11

<u>GROUND SCREW</u> KRINNER G SERIES GROUND SCREW	PROJECT SPECIFICATIONS:	dra TMC - 3
SOUTH SCREW - 76mm X 2100mm NORTH SCREW - 76mm X 2100mm	TILT ANGLE - 25 RACK SIZE - 2X12	eng. ap MF - 3/
<u>MODULE DIMENSIONS</u> NORTH/ SOUTH EDGE - 82.44 (2094mm)	MODULE ORIENTATION - PORTRAIT	mfg. ap SS - 3/
EAST/ WEST EDGE - 40.87 (1038mm) NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm)	TERRASMART, LLC 14590 GLOBAL PARKWAY FORT MYERS, FL 33913	PROJECT NUMBE 21-7489
EAST/ WEST BOLT SPACING - 38.94 (989mm) THICKNESS - 1.38 (35mm)	P 239.362.0211 F 239.676.1900 WWW.TERRASMART.COM	PROPRIETARY AND CO ANY REPRODUCTION

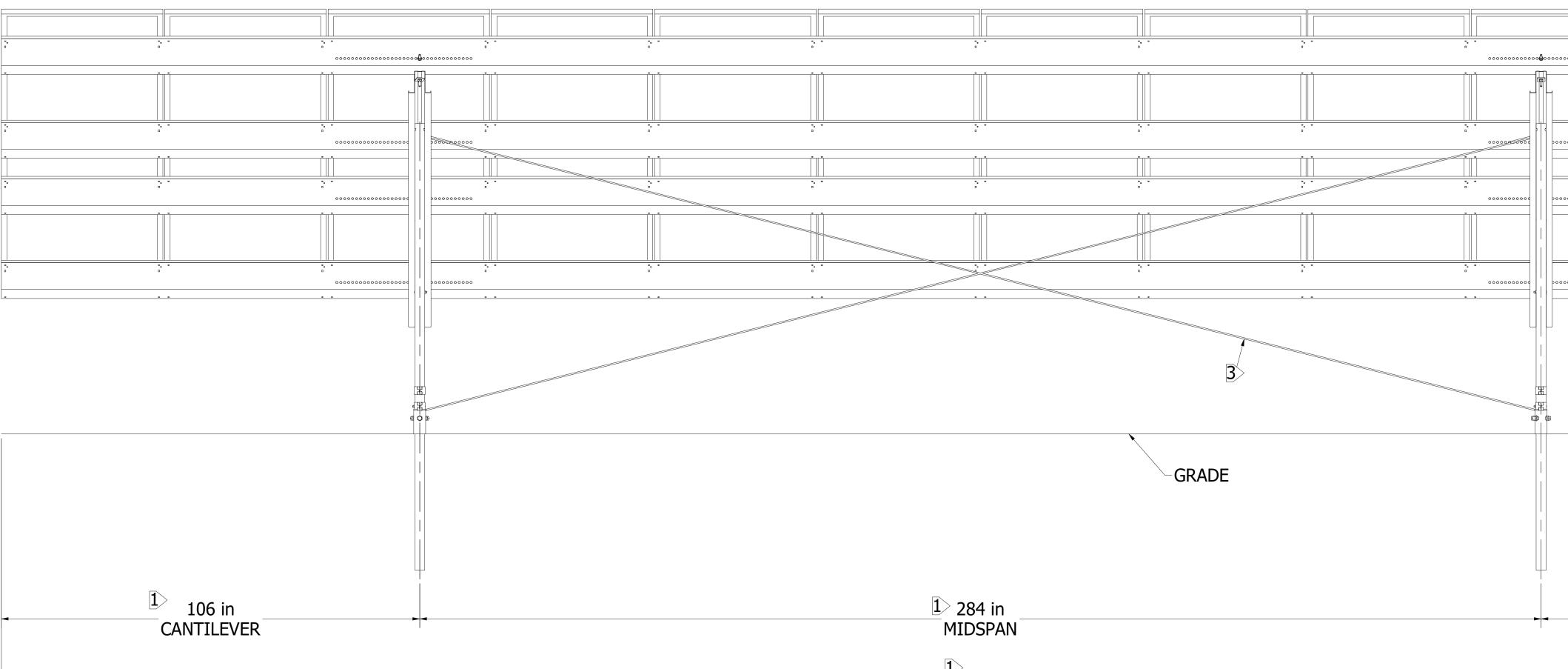
drawn by - 3/29/2021		CHECKED BY BS - 3/29/2021				the second
. APPROVED BY - 3/29/2021		PROJ. ENG. APPROVED BY BS - 3/29/2021		TERRA	SM	ART.
. APPROVED BY		PROJECT NAME				SHEET SIZE
3/29/2021		WATERFORD			D	
MBER		CLIENT	MODULE			SHEET NUMBER
39 GREENSKIES		HT72-166M 0 2 OF			2 OF 18	
O CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART. ON IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASMART IS PROHIBITED.						

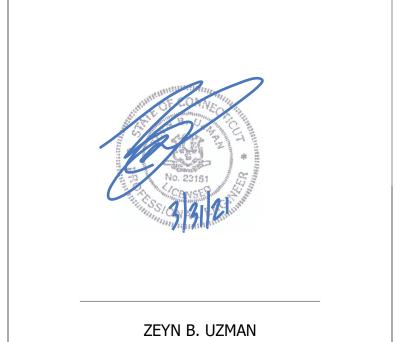




FLATTENED LAYOUT SCALE 1/18

GROUND SCREW		DRAWN BY		CHECKED BY			
KRINNER G SERIES GROUND SCREW	PROJECT SPECIFICATIONS:	TMC - 3/29/2021		BS - 3/29/2021			1.27 - <u>ANG 1. (18</u> 1
SOUTH SCREW - 76mm X 2100mm	TILT ANGLE - 25	ENG. APPROVED BY		PROJ. ENG. APPROVED BY		TERRASM	ART.
NORTH SCREW - 76mm X 2100mm	RACK SIZE - 2X12	MF - 3/29/2021		BS - 3/29/2021			
MODULE DIMENSIONS	MODULE ORIENTATION - PORTRAIT	MFG. APPROVED BY			PROJECT NAME		SHEET SIZE
NORTH/ SOUTH EDGE - 82.44 (2094mm)		SS - 3/29/2021			WATERFORD		D
EAST/ WEST EDGE - 40.87 (1038mm)	TERRASMART, LLC	PROJECT NUMBER		CLIENT	MODULE	REV	SHEET NUMBER
NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm)	14590 GLOBAL PARKWAY	21-7489	G	REENSKIES	HT72-166M	0	3 OF 18
EAST/ WEST BOLT SPACING - 38.94 (989mm)	FORT MYERS, FL 33913 P 239.362.0211 F 239.676.1900	PROPRIETARY AND CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART.				RRASMART.	
THICKNESS - 1.38 (35mm)	WWW.TERRASMART.COM	ANY REPRODUCTION IN PART O					





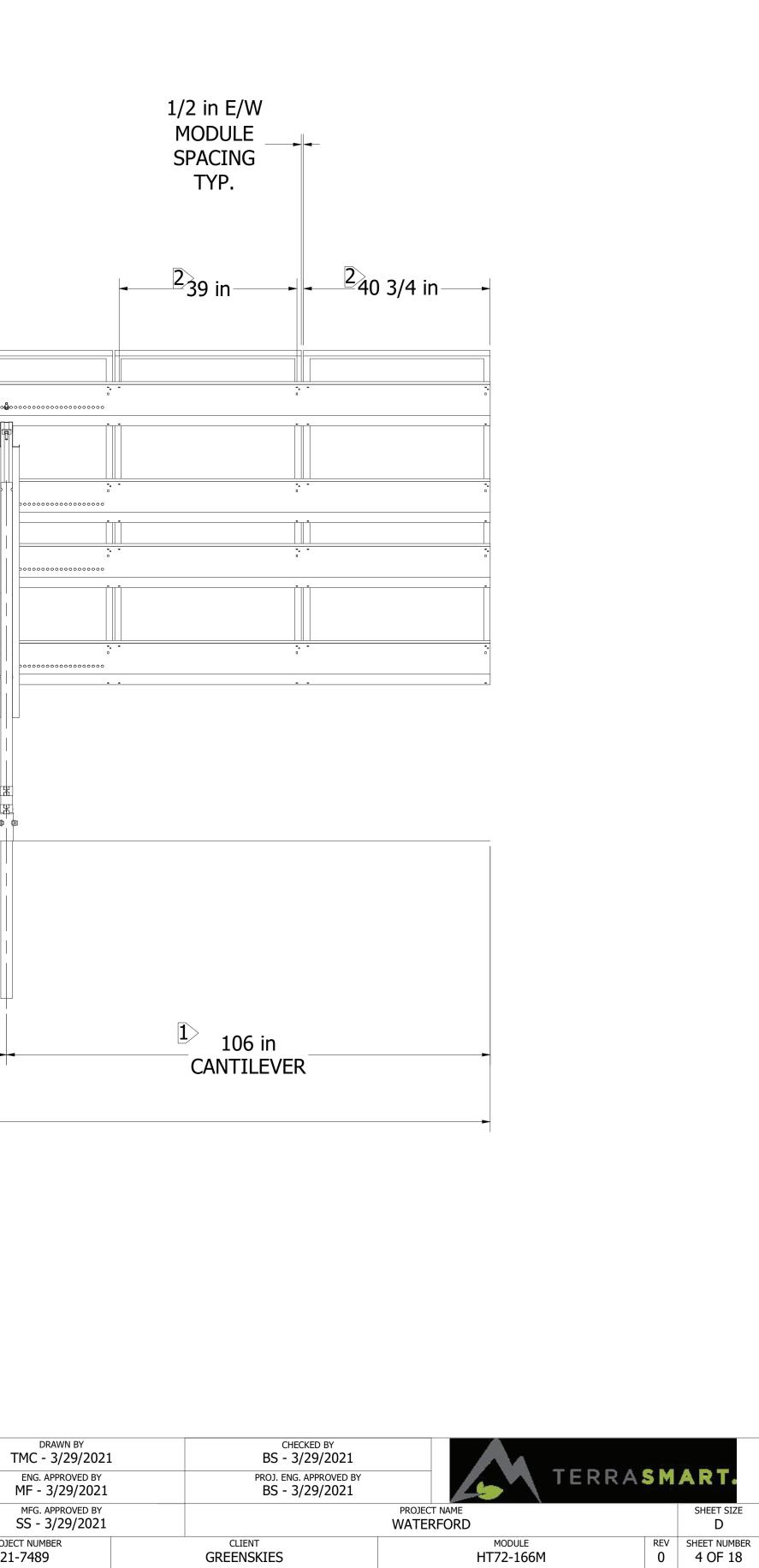
NOTES:

<u>GROUND SCREW</u> KRINNER G SERIES GROUND SCREW PROJECT SPECIFICATIONS: TILT ANGLE - 25 SOUTH SCREW - 76mm X 2100mm NORTH SCREW - 76mm X 2100mm RACK SIZE - 2X12 MODULE ORIENTATION - PORTRAIT MODULE DIMENSIONS NORTH/ SOUTH EDGE - 82.44 (2094mm) EAST/ WEST EDGE - 40.87 (1038mm) NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm) TERRASMART, LLC 14590 GLOBAL PARKWAY FORT MYERS, FL 33913 P 239.362.0211 | F 239.676.1900 WWW.TERRASMART.COM 1>TYPICAL INSTALLATION DIMENSIONS MAY BE ADJUSTED TO SUIT FIELD CONDITIONS WITHIN THE TOLERANCES PROVIDED. PROJECT NUMBER 21-7489 2. PURLIN SPACING IS DEPENDENT ON MODULE SPECIFICATIONS, REFER TO PROJECT NOTES FOR MODULE SPECIFICATIONS. EAST/ WEST BOLT SPACING - 38.94 (989mm) 3, SEISMIC CROSS BRACING TO BE FIELD FIT. THICKNESS - 1.38 (35mm)

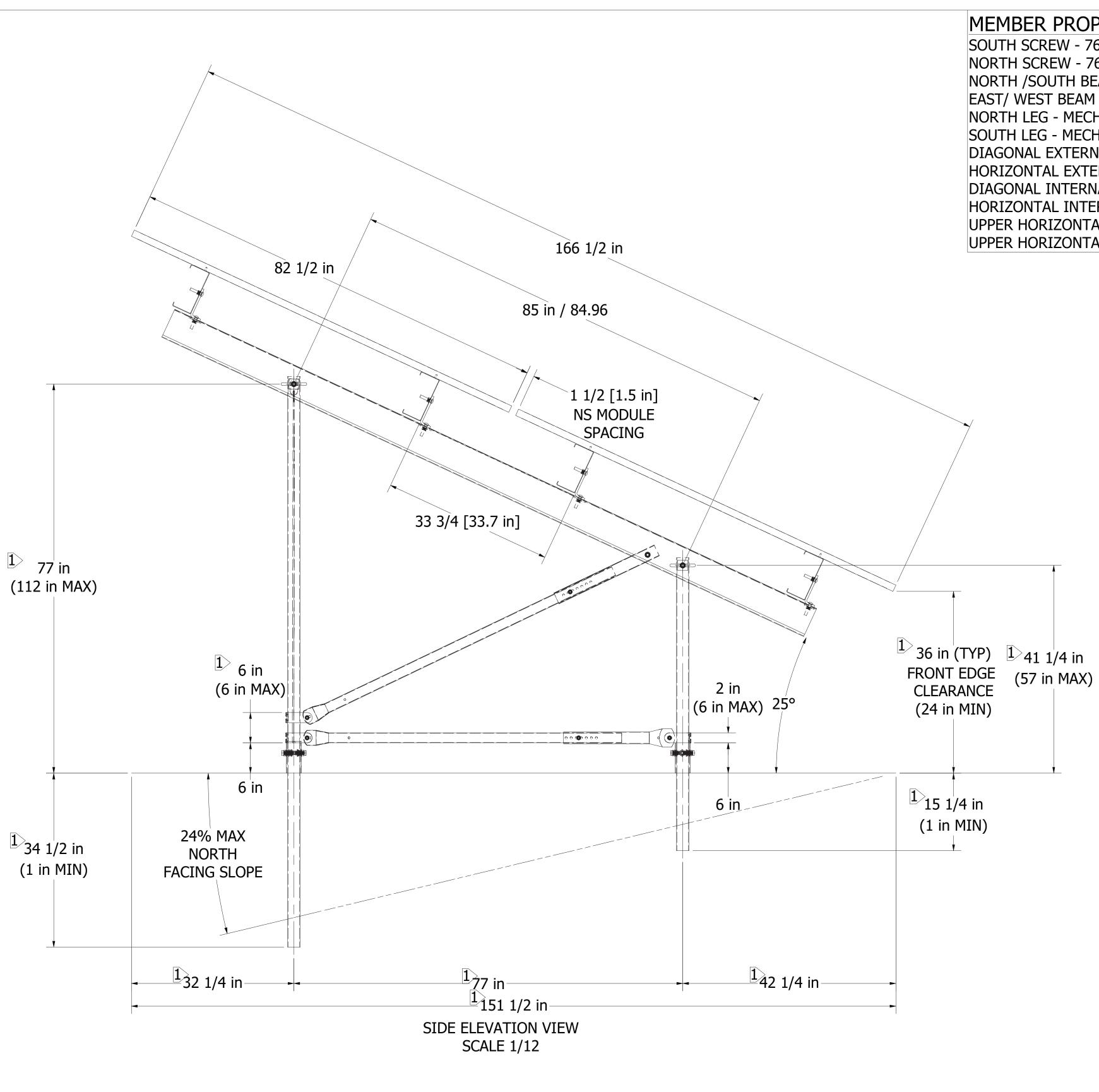
CT PE# PEN.0023151

1 496 in

REAR ELEVATION VIEW SCALE 1/18



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.





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. 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.

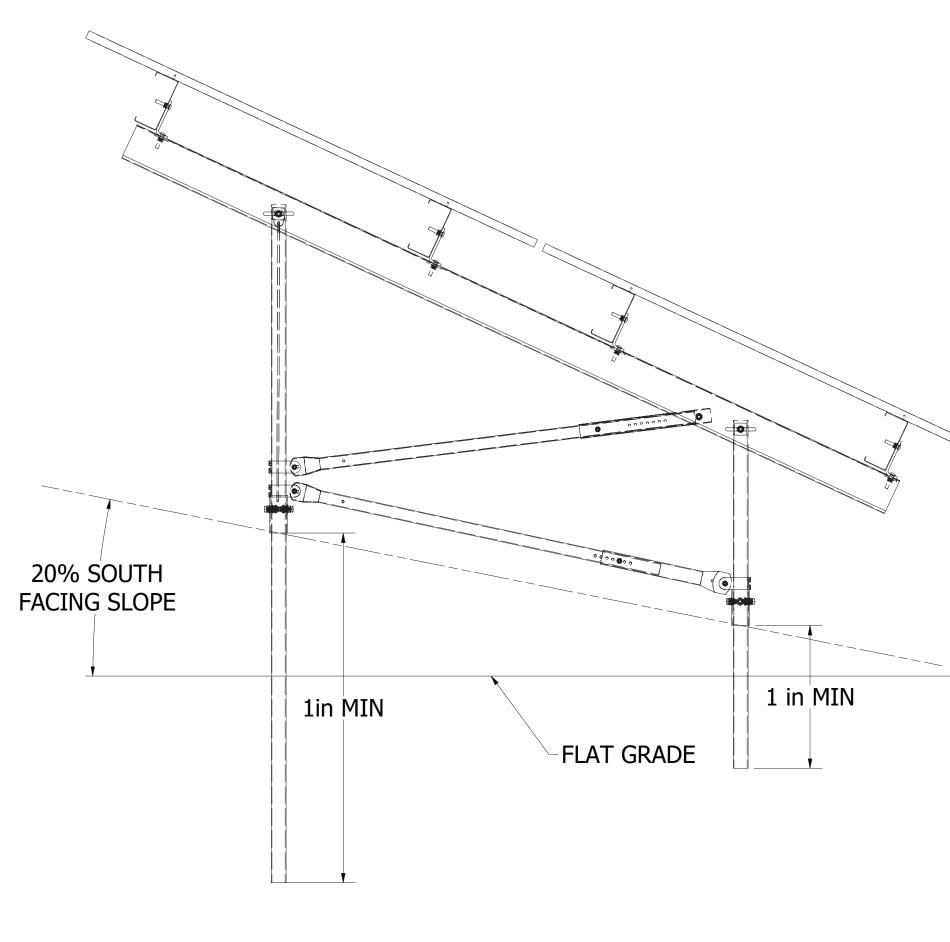
5. ON NORTH FACING SLOPES LEGS CAN BE FULLY EXTENDED TO MEET MINIMUM FRONT EDGE REQUIREMENTS. ALL LEGS REQUIRE A MINIMUM OF 1 INCH EMBEDMENT BELOW GRADE. FULL EXTENSION OF LEGS MAY RESULT IN LATERAL BRACES NOT FITTING. IF THEY ARE TOO SHORT, NEW LATERAL BRACES MAY BE ORDERED TO FIT AT THE PURCHASER'S EXPENSE.

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 IODULE ORIENTATION - PORTRAIT	DR. TMC - 1 ENG. AF MF - 3 MFG. AI
	SS - 3
TERRASMART, LLC 14590 GLOBAL PARKWAY	PROJECT NUMB 21-7489
FORT MYERS, FL 33913 P 239.362.0211 F 239.676.1900 WWW.TERRASMART.COM	PROPRIETARY AND C ANY REPRODUCTION

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 HORIZONTAL INTERNAL LATERAL BRACE - MECH2.000x12GA.- LENGTH = 63 in UPPER HORIZONTAL EXTERNAL LATERAL BRACE - MECH2.360 x 13GA. - LENGTH = N/A in UPPER HORIZONTAL INTERNAL LATERAL BRACE - MECH2.000x12GA.- LENGTH = 63 in

DRAWN BY - 3/29/2021 . APPROVED BY		CHECKED BY BS - 3/29/2021 PROJ. ENG. APPROVED BY		TERRA	S M	ART.
- 3/29/2021		BS - 3/29/2021				
. APPROVED BY		PROJECT NAME SHEET				SHEET SIZE
· 3/29/2021		WATERFORD			D	
MBER		CLIENT	MODULE		REV	SHEET NUMBER
39		GREENSKIES	HT72-166M		0	5 OF 18
O CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART. ON IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASMART IS PROHIBITED.						



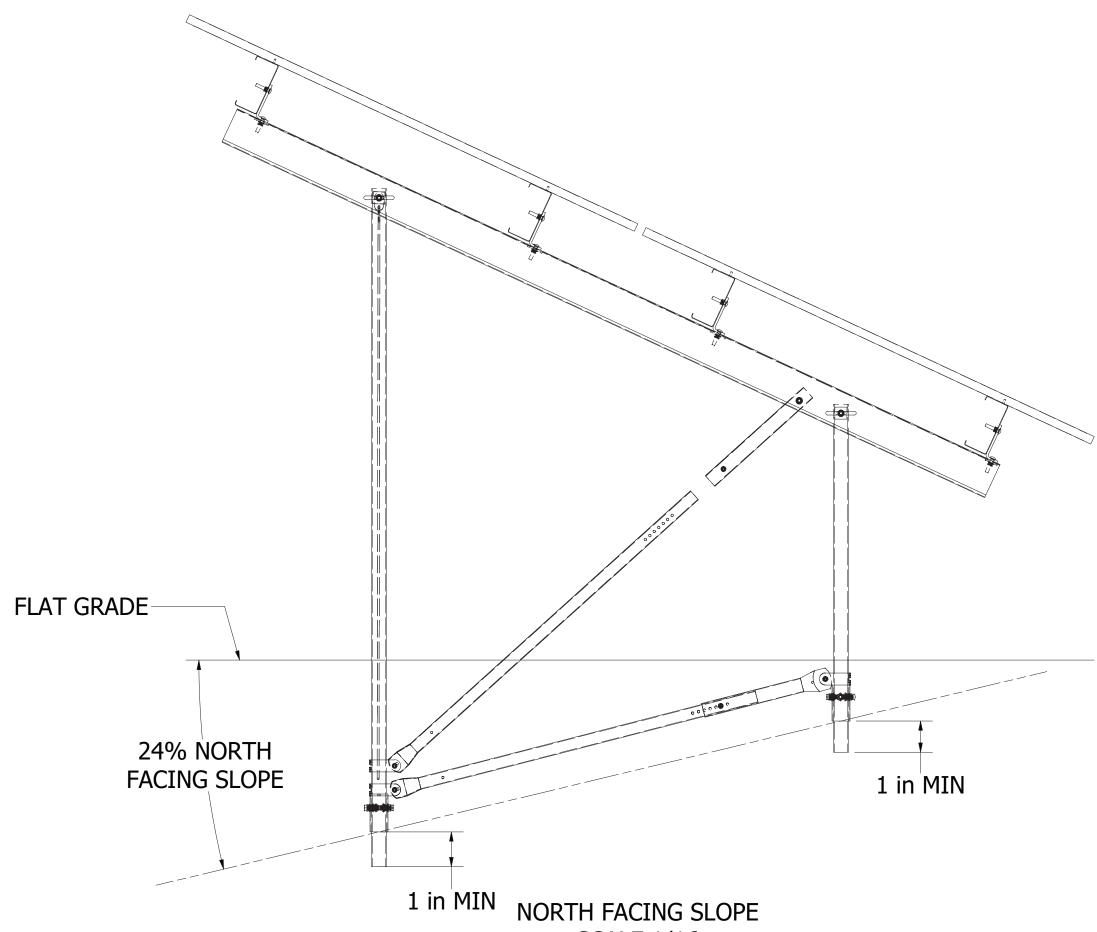


NOTES:

ZEYN B. UZMAN CT PE# PEN.0023151

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. 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.

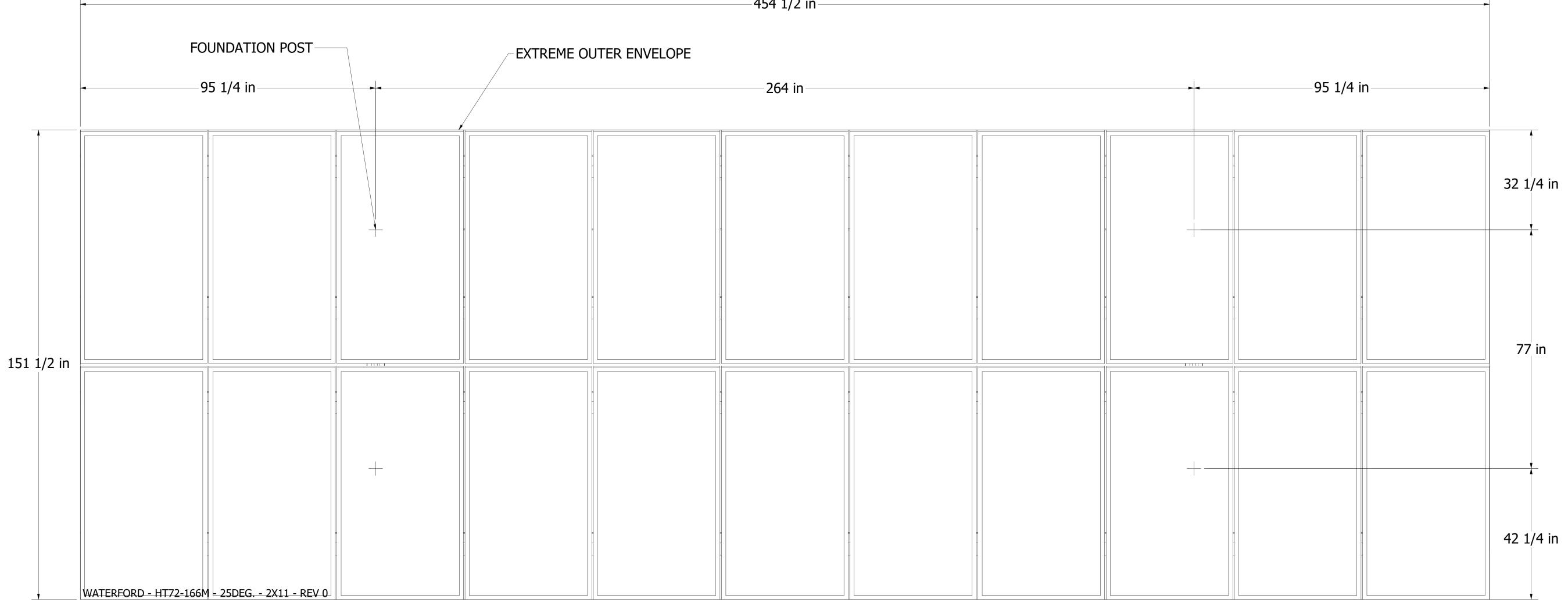


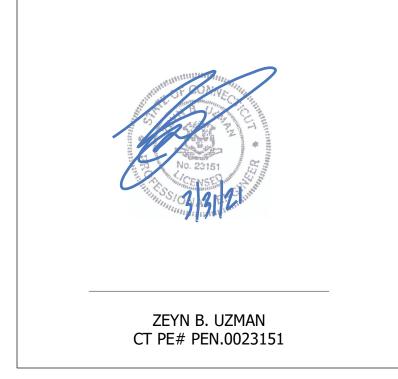
GROUND SCREW KRINNER G SERIES GROUND SCREW SOUTH SCREW - 76mm X 2100mm NORTH SCREW - 76mm X 2100mm MODULE DIMENSIONS NORTH/ SOUTH EDGE - 82.44 (2094mm) EAST/ WEST EDGE - 40.87 (1038mm) NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm) EAST/ WEST BOLT SPACING - 38.94 (989mm) THICKNESS - 1.38 (35mm)

PROJECT SPECIFICATIONS: TILT ANGLE - 25 [.] RACK SIZE - 2X12 MODULE ORIENTATION - PORTRAIT	DRA TMC - 3 ENG. API MF - 3/ MFG. API SS - 3/
TERRASMART, LLC 14590 GLOBAL PARKWAY	PROJECT NUMBE 21-7489
FORT MYERS, FL 33913 P 239.362.0211 F 239.676.1900 WWW.TERRASMART.COM	PROPRIETARY AND CO ANY REPRODUCTION

SCALE 1/16

drawn by - 3/29/2021		CHECKED BY BS - 3/29/2021				
					MADE	
. APPROVED BY - 3/29/2021		PROJ. ENG. APPROVED BY BS - 3/29/2021			MARI.	
- 3/29/2021		DS = 5/25/2021				
. APPROVED BY		PROJECT NAME			SHEET SIZE	
3/29/2021		WATERFORD		D		
MBER		CLIENT	MODULE	RE	EV SHEET NUMBE	R
39 GREENSKIES		HT72-166M	HT72-166M 0			
O CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART.						
ON IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASMART IS PROHIBITED.						

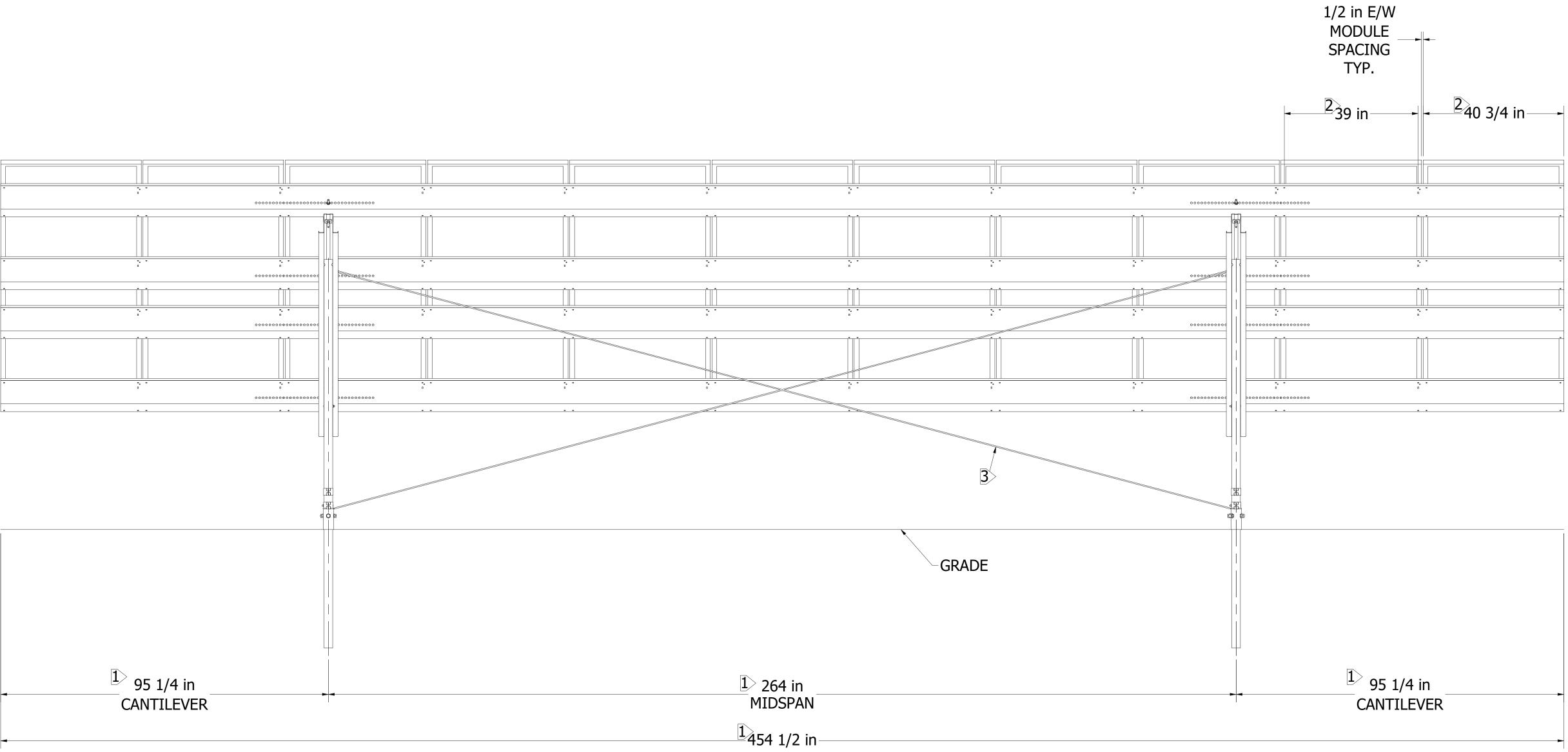


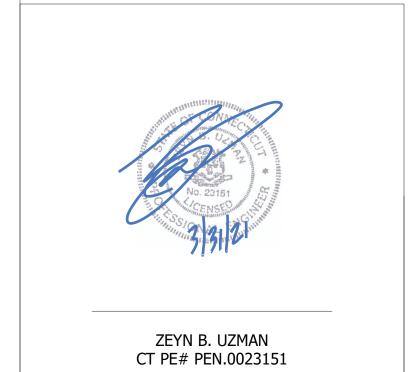


-454 1/2 in-

FLATTENED LAYOUT SCALE 1/18

GROUND SCREW		DRAWN BY		CHECKED BY			
KRINNER G SERIES GROUND SCREW	PROJECT SPECIFICATIONS:	TMC - 3/29/2021		BS - 3/29/2021			The second second
SOUTH SCREW - 76mm X 2100mm	TILT ANGLE - 25	ENG. APPROVED BY		PROJ. ENG. APPROVED BY		TERRASM	ART.
NORTH SCREW - 76mm X 2100mm	RACK SIZE - 2X11	MF - 3/29/2021		BS - 3/29/2021			
MODULE DIMENSIONS	MODULE ORIENTATION - PORTRAIT	MFG. APPROVED BY			PROJECT NAME		SHEET SIZE
NORTH/ SOUTH EDGE - 82.44 (2094mm)		SS - 3/29/2021			WATERFORD		D
EAST/ WEST EDGE - 40.87 (1038mm)	TERRASMART, LLC	PROJECT NUMBER		CLIENT	MODULE	REV	SHEET NUMBER
NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm)	14590 GLOBAL PARKWAY	21-7489		GREENSKIES	HT72-166M	0	7 OF 18
EAST/ WEST BOLT SPACING - 38.94 (989mm)	FORT MYERS, FL 33913 P 239.362.0211 F 239.676.1900	PROPRIETARY AND CONFIDENTIA	AL. THE INFORM	ATION CONTAINED IN THIS DRAWI	NG IS THE SOLE PROPERTY OF T	ERRASMART.	
THICKNESS - 1.38 (35mm)	WWW.TERRASMART.COM	ANY REPRODUCTION IN PART OR	R AS A WHOLE W	/ITHOUT WRITTEN PERMISSION OF	TERRASMART IS PROHIBITED.		





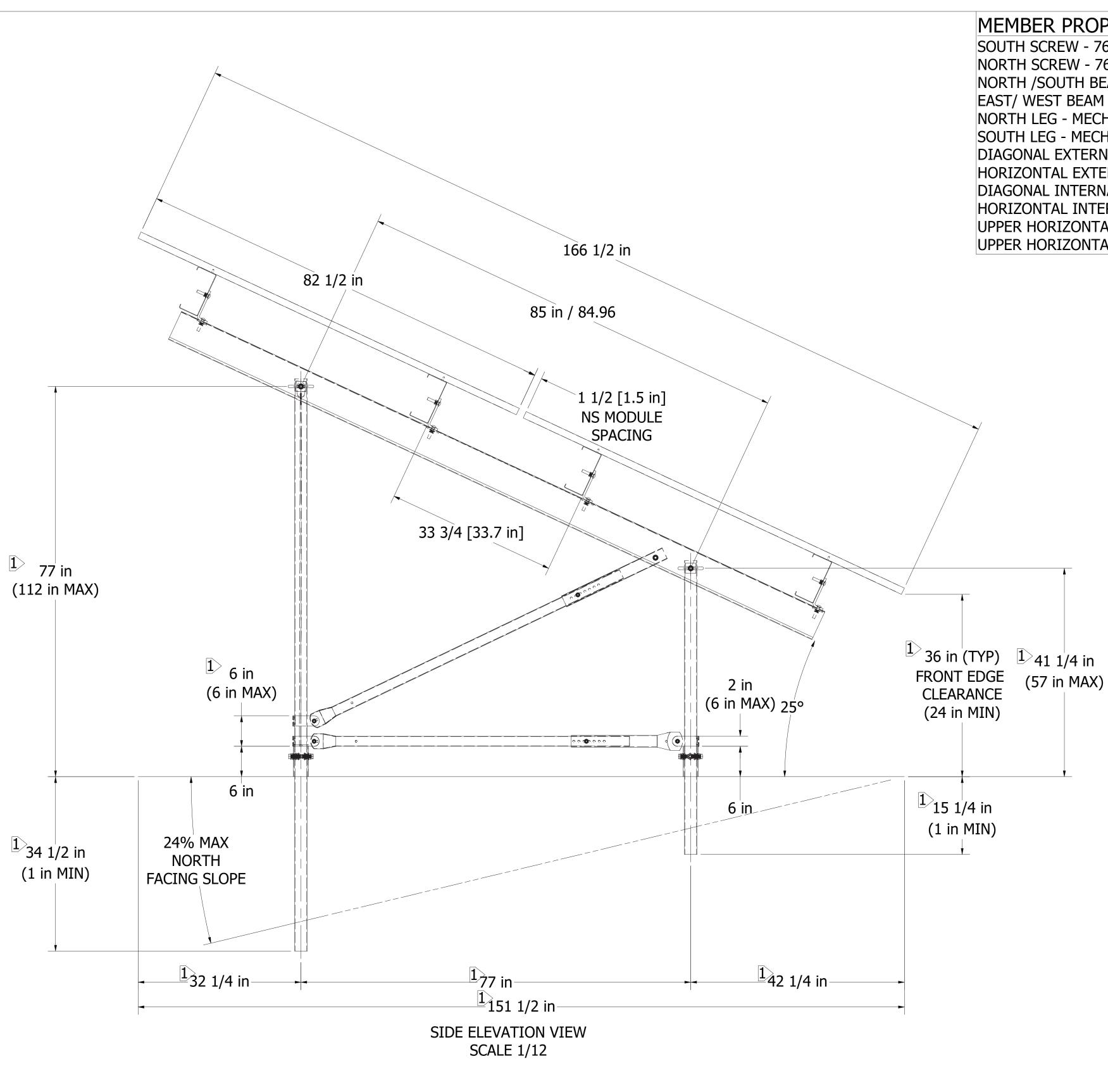
NOTES:

1. TYPICAL INSTALLATION DIMENSIONS MAY BE ADJUSTED TO SUIT FIELD CONDITIONS W 2. PURLIN SPACING IS DEPENDENT ON MODULE SPECIFICATIONS, REFER TO PROJECT NOT 3. SEISMIC CROSS BRACING TO BE FIELD FIT.

REAR ELEVATION VIEW SCALE 1/18

	GROUND SCREW		DF
	KRINNER G SERIES GROUND SCREW	PROJECT SPECIFICATIONS:	TMC -
	SOUTH SCREW - 76mm X 2100mm	TILT ANGLE - 25	ENG. A
	NORTH SCREW - 76mm X 2100mm	RACK SIZE - 2X11	MF - 3
	MODULE DIMENSIONS	MODULE ORIENTATION - PORTRAIT	MFG. A
	NORTH/ SOUTH EDGE - 82.44 (2094mm)		SS - 3
WITHIN THE TOLERANCES PROVIDED.	EAST/ WEST EDGE - 40.87 (1038mm)	TERRASMART, LLC	PROJECT NUME
TES FOR MODULE SPECIFICATIONS.	NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm)	14590 GLOBAL PARKWAY	21-7489
TESTOR MODULE STEELINGATIONS.	EAST/ WEST BOLT SPACING - 38.94 (989mm)	FORT MYERS, FL 33913 P 239.362.0211 F 239.676.1900	PROPRIETARY AND
	THICKNESS - 1.38 (35mm)	WWW.TERRASMART.COM	ANY REPRODUCTION

drawn by C - 3/29/2021		CHECKED BY BS - 3/29/2021			
G. APPROVED BY - 3/29/2021		PROJ. ENG. APPROVED BY BS - 3/29/2021		RASN	IART.
G. APPROVED BY		PROJECT NAME			SHEET SIZE
- 3/29/2021		WATERFORD		D	
UMBER		CLIENT	MODULE		SHEET NUMBER
89		GREENSKIES	HT72-166M	0	8 OF 18
ND CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART. TON IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASMART IS PROHIBITED.					





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. 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.

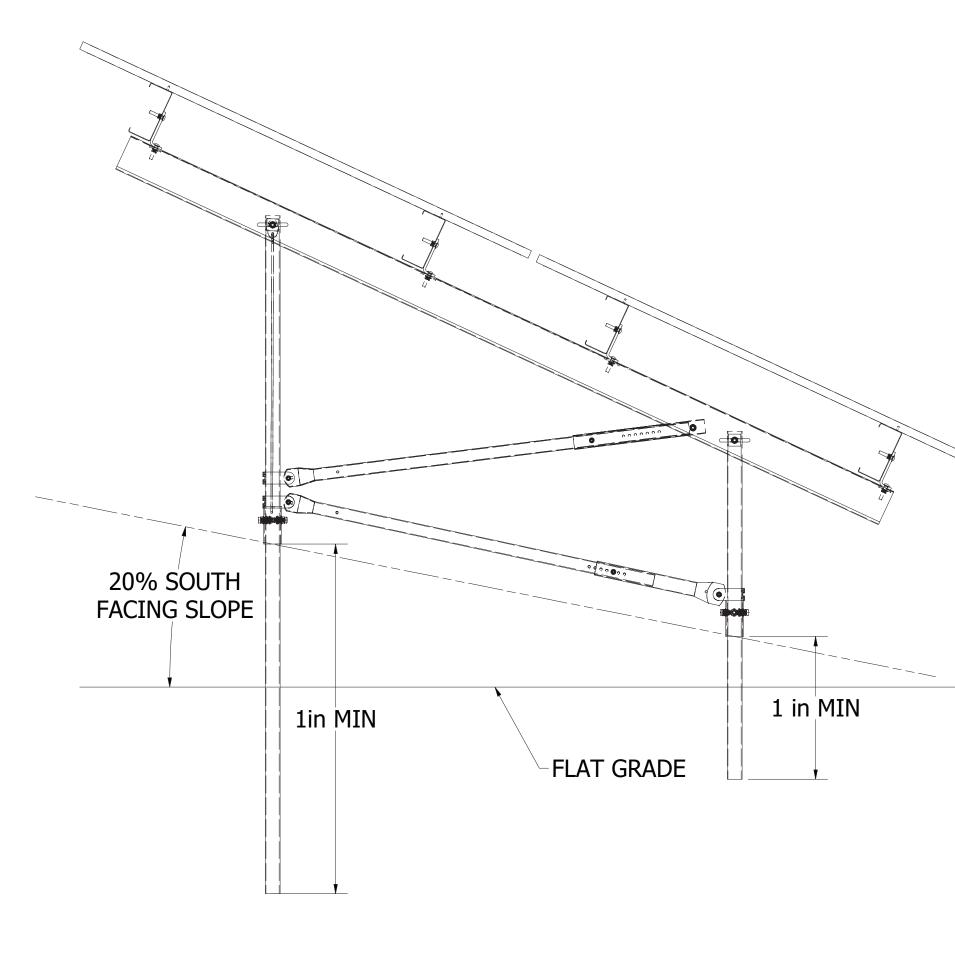
5. ON NORTH FACING SLOPES LEGS CAN BE FULLY EXTENDED TO MEET MINIMUM FRONT EDGE REQUIREMENTS. ALL LEGS REQUIRE A MINIMUM OF 1 INCH EMBEDMENT BELOW GRADE. FULL EXTENSION OF LEGS MAY RESULT IN LATERAL BRACES NOT FITTING. IF THEY ARE TOO SHORT, NEW LATERAL BRACES MAY BE ORDERED TO FIT AT THE PURCHASER'S EXPENSE.

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	DR/ TMC - 3 ENG. AF MF - 3
10DULE ORIENTATION - PORTRAIT	MFG. AF SS - 3,
TERRASMART, LLC 14590 GLOBAL PARKWAY FORT MYERS, FL 33913 P 239.362.0211 F 239.676.1900 WWW.TERRASMART.COM	PROJECT NUMBE 21-7489
	PROPRIETARY AND C ANY REPRODUCTION

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 = 454.60 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 HORIZONTAL INTERNAL LATERAL BRACE - MECH2.000x12GA.- LENGTH = 63 in UPPER HORIZONTAL EXTERNAL LATERAL BRACE - MECH2.360 x 13GA. - LENGTH = N/A in UPPER HORIZONTAL INTERNAL LATERAL BRACE - MECH2.000x12GA.- LENGTH = 63 in

	CHECKED BY BS - 3/29/2021					
BY D21PROJ. ENG. APPROVED BY BS - 3/29/2021TERRAS		ASMART.				
	PROJECT NAME			SHEET SIZE		
3/29/2021 WATERFORD			D			
	CLIENT	MODULE		REV	SHEET NUMBER	
GREENSKIES HT72-166M 0		0	9 OF 18			
CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART. ON IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASMART IS PROHIBITED.						
		BS - 3/29/2021 PROJ. ENG. APPROVED BY BS - 3/29/2021 CLIENT GREENSKIES THE INFORMATION CONTAINED IN THIS DRAWI	BS - 3/29/2021 PROJ. ENG. APPROVED BY BS - 3/29/2021 PROJECT NAME WATERFORD CLIENT GREENSKIES CLIENT MODULE HT72-166M THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF T	BS - 3/29/2021 PROJ. ENG. APPROVED BY BS - 3/29/2021 PROJECT NAME WATERFORD CLIENT CLIENT GREENSKIES CLIENT	BS - 3/29/2021 TERRASM PROJ. ENG. APPROVED BY BS - 3/29/2021 PROJECT NAME WATERFORD CLIENT GREENSKIES MODULE HT72-166M REV 0 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART.	



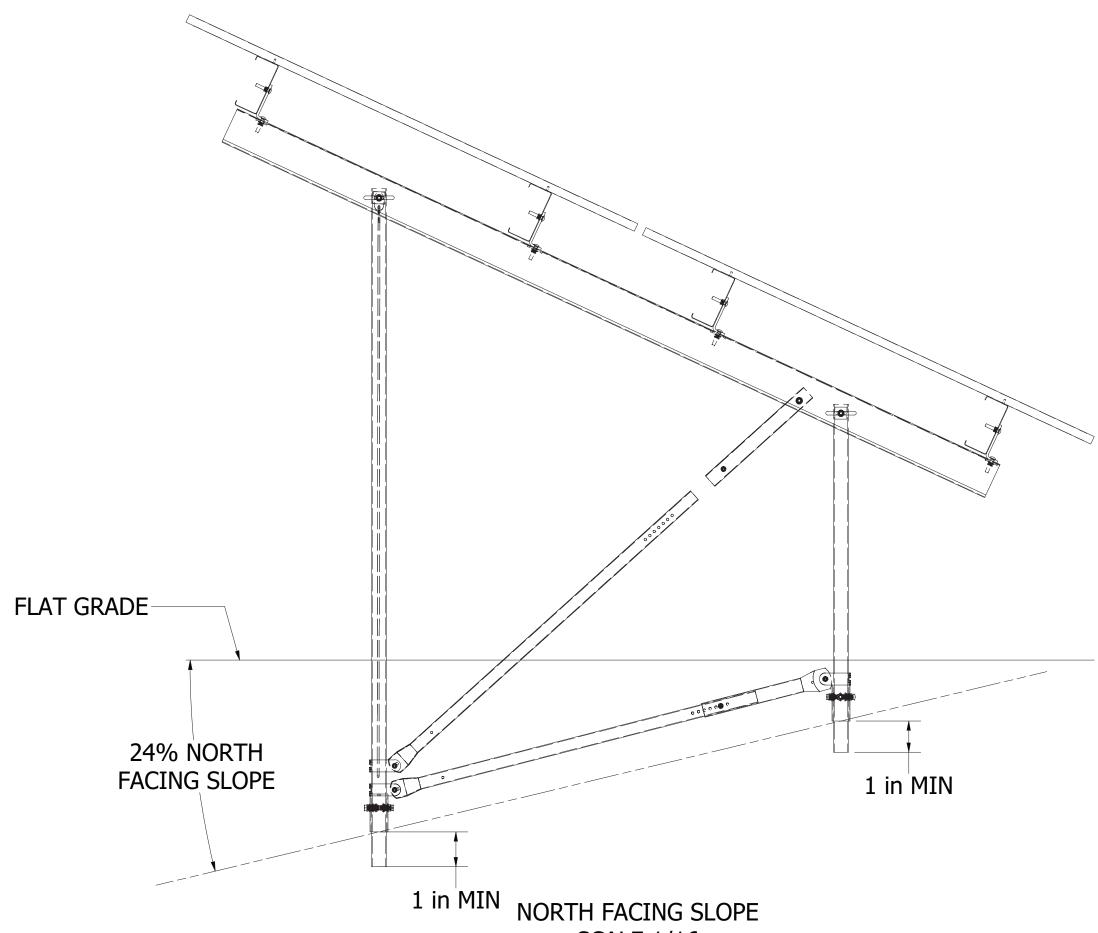


NOTES:

ZEYN B. UZMAN CT PE# PEN.0023151

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. 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.

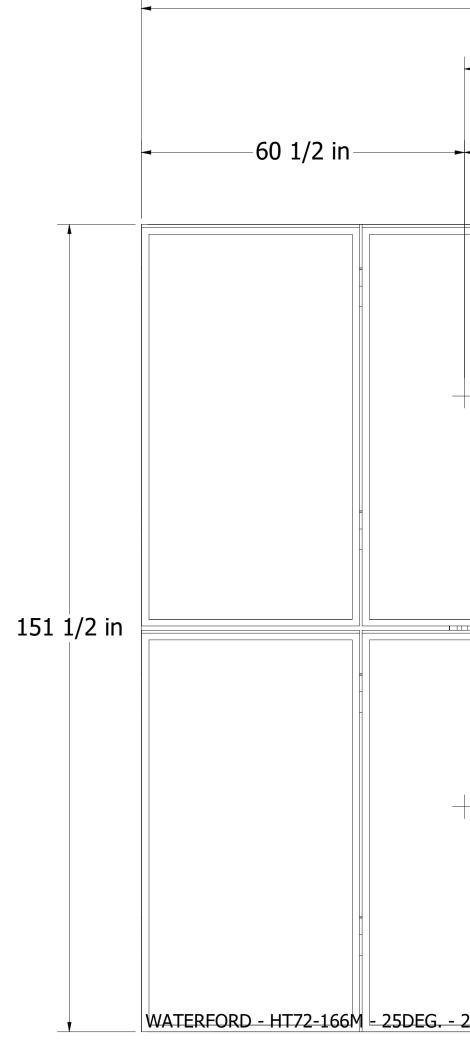


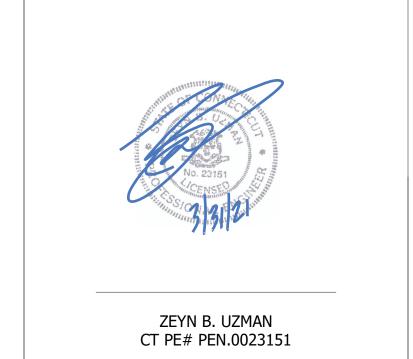
GROUND SCREW KRINNER G SERIES GROUND SCREW SOUTH SCREW - 76mm X 2100mm NORTH SCREW - 76mm X 2100mm MODULE DIMENSIONS NORTH/ SOUTH EDGE - 82.44 (2094mm) EAST/ WEST EDGE - 40.87 (1038mm) NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm) EAST/ WEST BOLT SPACING - 38.94 (989mm) THICKNESS - 1.38 (35mm)

PROJECT SPECIFICATIONS:	DRA TMC - 3
TILT ANGLE - 25 RACK SIZE - 2X11	eng. ap MF - 3,
MODULE ORIENTATION - PORTRAIT	mfg. ap SS - 3/
TERRASMART, LLC 14590 GLOBAL PARKWAY FORT MYERS, FL 33913	PROJECT NUMBE 21-7489
P 239.362.0211 F 239.676.1900 WWW.TERRASMART.COM	PROPRIETARY AND C ANY REPRODUCTION

SCALE 1/16

drawn by - <mark>3/29/202</mark> 1	CHECKED BY BS - 3/29/2021			1. 20 - 200 - 100 -	
. APPROVED BY - 3/29/2021	PROJ. ENG. APPROVED BY BS - 3/29/2021	TERRAS	SM	ART.	
. APPROVED BY	PPROVED BY PROJECT NAME			SHEET SIZE	
3/29/2021		WATERFORD		D	
MBER	CLIENT	MODULE	REV	SHEET NUMBER	
39	GREENSKIES	GREENSKIES HT72-166M 0		10 OF 18	
CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART. ON IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASMART IS PROHIBITED.					



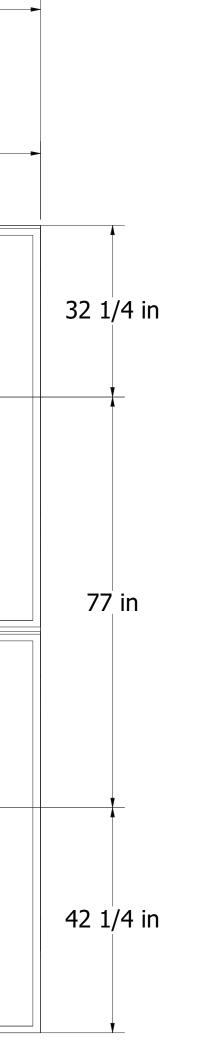


-289 1/4 in-

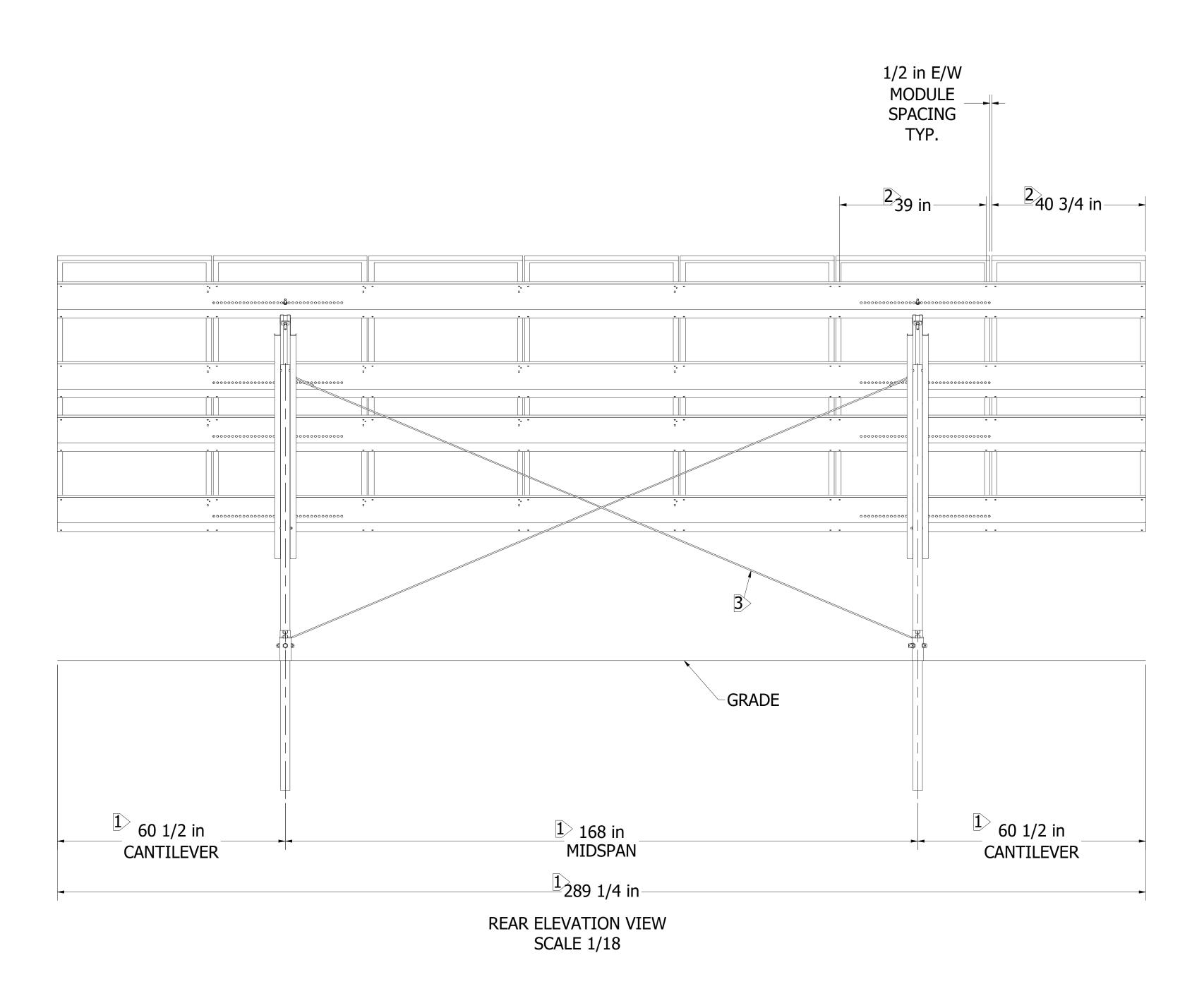
-	FOUNDATION POST	-	
		l68 in TER ENVELOPE	 60 1/2 in
<u>- 2X7 - REV 0</u>			

FLATTENED LAYOUT SCALE 1/18

GROUND SCREW		DRA
KRINNER G SERIES GROUND SCREW	PROJECT SPECIFICATIONS:	TMC - 3
SOUTH SCREW - 76mm X 2100mm	TILT ANGLE - 25	ENG. AP
NORTH SCREW - 76mm X 2100mm	RACK SIZE - 2X7	MF - 3,
MODULE DIMENSIONS	MODULE ORIENTATION - PORTRAIT	MFG. AP
NORTH/ SOUTH EDGE - 82.44 (2094mm)		SS - 3/
EAST/ WEST EDGE - 40.87 (1038mm)	TERRASMART, LLC	PROJECT NUMBE
NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm)	14590 GLOBAL PARKWAY	21-7489
EAST/ WEST BOLT SPACING - 38.94 (989mm)	FORT MYERS, FL 33913 P 239.362.0211 F 239.676.1900	PROPRIETARY AND C
THICKNESS - 1.38 (35mm)	WWW.TERRASMART.COM	ANY REPRODUCTION



DRAWN BY C - 3/29/2021		CHECKED BY BS - 3/29/2021			
G. APPROVED BY - 3/29/2021		PROJ. ENG. APPROVED BY BS - 3/29/2021		ART.	
G. APPROVED BY - 3/29/2021		PROJECT NAME WATERFORD			SHEET SIZE D
UMBER 89				REV 0	SHEET NUMBER 11 OF 18
ID CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART. ION IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASMART IS PROHIBITED.					



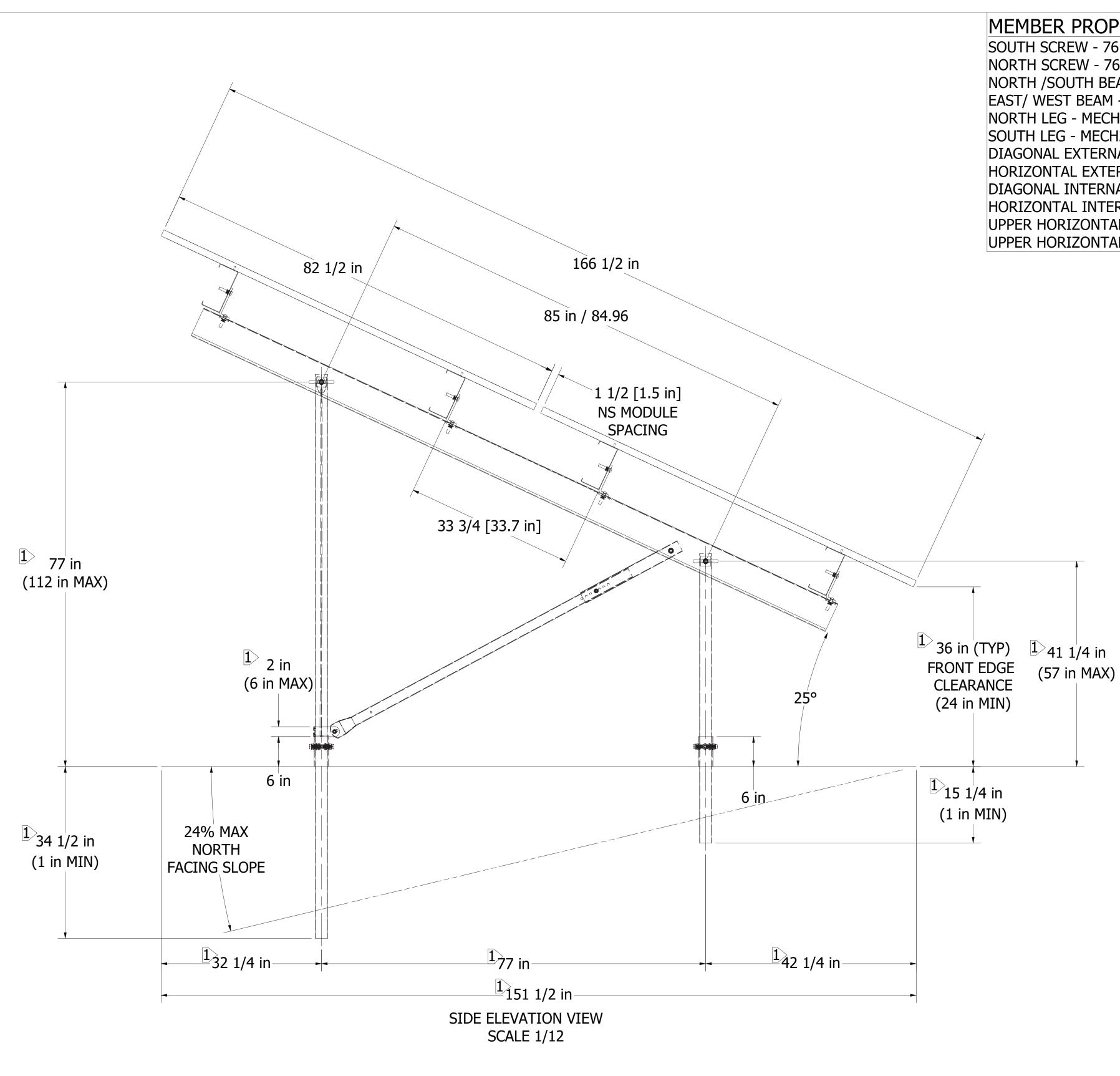


NOTES:

1. TYPICAL INSTALLATION DIMENSIONS MAY BE ADJUSTED TO SUIT FIELD CONDITIONS W 2. PURLIN SPACING IS DEPENDENT ON MODULE SPECIFICATIONS, REFER TO PROJECT NOT 3. SEISMIC CROSS BRACING TO BE FIELD FIT.

	GROUND SCREW		DR
	KRINNER G SERIES GROUND SCREW	PROJECT SPECIFICATIONS:	TMC -
	SOUTH SCREW - 76mm X 2100mm	TILT ANGLE - 25	ENG. A
	NORTH SCREW - 76mm X 2100mm	RACK SIZE - 2X7	MF - 3
	MODULE DIMENSIONS	MODULE ORIENTATION - PORTRAIT	MFG. A
	NORTH/ SOUTH EDGE - 82.44 (2094mm)		SS - 3
WITHIN THE TOLERANCES PROVIDED.	EAST/ WEST EDGE - 40.87 (1038mm)	TERRASMART, LLC	PROJECT NUME
DTES FOR MODULE SPECIFICATIONS.	NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm)	14590 GLOBAL PARKWAY	21-7489
TESTOR MODULE SI ECH ICATIONS.	EAST/ WEST BOLT SPACING - 38.94 (989mm)	FORT MYERS, FL 33913 P 239.362.0211 F 239.676.1900	PROPRIETARY AND (
	THICKNESS - 1.38 (35mm)	WWW.TERRASMART.COM	ANY REPRODUCTION

DRAWN BY C - 3/29/2021							
NG. APPROVED BY - 3/29/2021		PROJ. ENG. APPROVED BY BS - 3/29/2021				ART.	
FG. APPROVED BY - 3/29/2021				SHEET SIZE D			
NUMBER 189		CLIENT MO GREENSKIES HT72		1	rev 0	SHEET NUMBER 12 OF 18	
ND CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART. TION IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASMART IS PROHIBITED.							





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. 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.

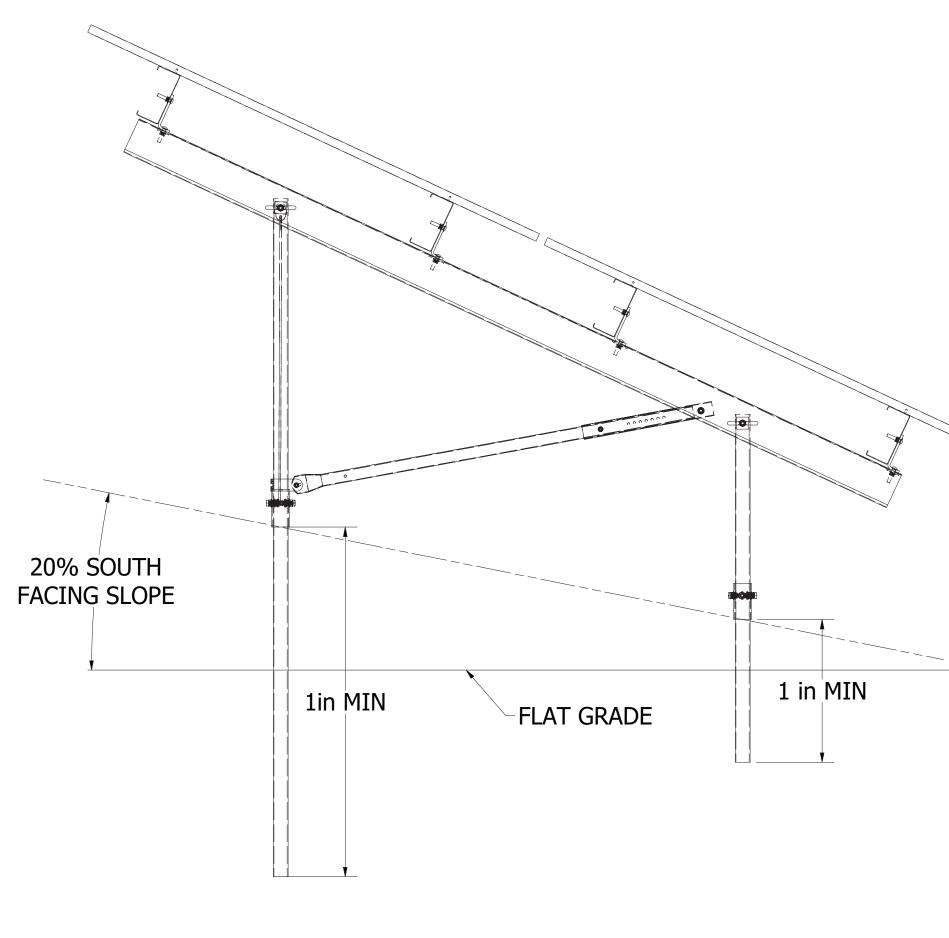
5. ON NORTH FACING SLOPES LEGS CAN BE FULLY EXTENDED TO MEET MINIMUM FRONT EDGE REQUIREMENTS. ALL LEGS REQUIRE A MINIMUM OF 1 INCH EMBEDMENT BELOW GRADE. FULL EXTENSION OF LEGS MAY RESULT IN LATERAL BRACES NOT FITTING. IF THEY ARE TOO SHORT, NEW LATERAL BRACES MAY BE ORDERED TO FIT AT THE PURCHASER'S EXPENSE.

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 - 2X7 ODULE ORIENTATION - PORTRAIT	DR. TMC - 1 ENG. AF MF - 3 MFG. AF SS - 3
TERRASMART, LLC 14590 GLOBAL PARKWAY	PROJECT NUMB 21-7489
FORT MYERS, FL 33913 P 239.362.0211 F 239.676.1900 WWW.TERRASMART.COM	PROPRIETARY AND C ANY REPRODUCTION

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

drawn by - <mark>3/29/2021</mark>		CHECKED BY BS - 3/29/2021					1127 - Aug. 1. 152
APPROVED BY 3/29/2021		PROJ. ENG. APPROVED BY BS - 3/29/2021			TERRA	SM	ART.
APPROVED BY		PROJECT NAME		SHEET SIZE			
3/29/2021		WATERFORD			D		
MBER		CLIENT		MODULE		REV	SHEET NUMBER
9		GREENSKIES HT72-166M 0		13 OF 18			
CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART. IN IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASMART IS PROHIBITED.							

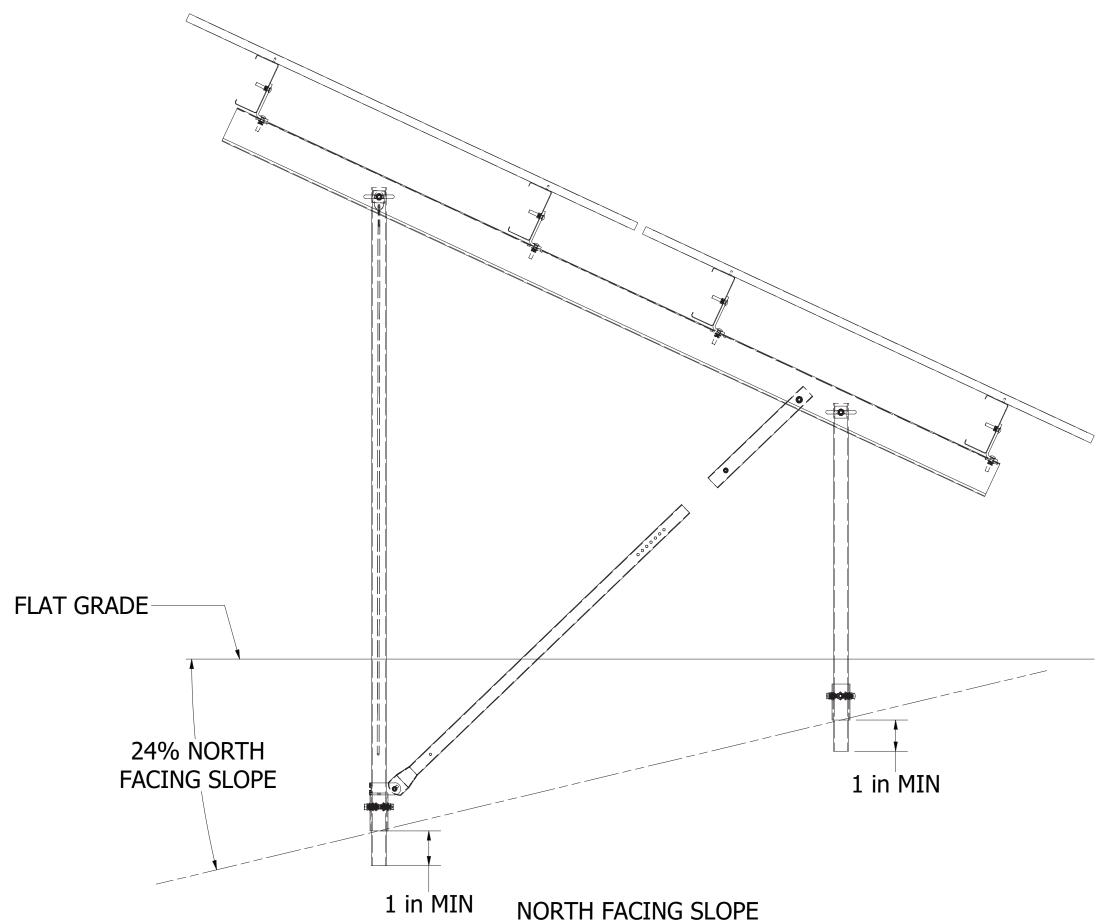




NOTES:

ZEYN B. UZMAN CT PE# PEN.0023151 TYPICAL INSTALLATION DIMENSIONS MAY BE ADJUSTED TO SUIT FIELD CONDITIONS WITHIN THE TOLERANCES PROVIDED.
 LEGS SHALL BE INSTALLED PLUMB, IF MECHANICALLY POSSIBLE. MAXIMUM 3° OUT OF PLUMB.
 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.
 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.

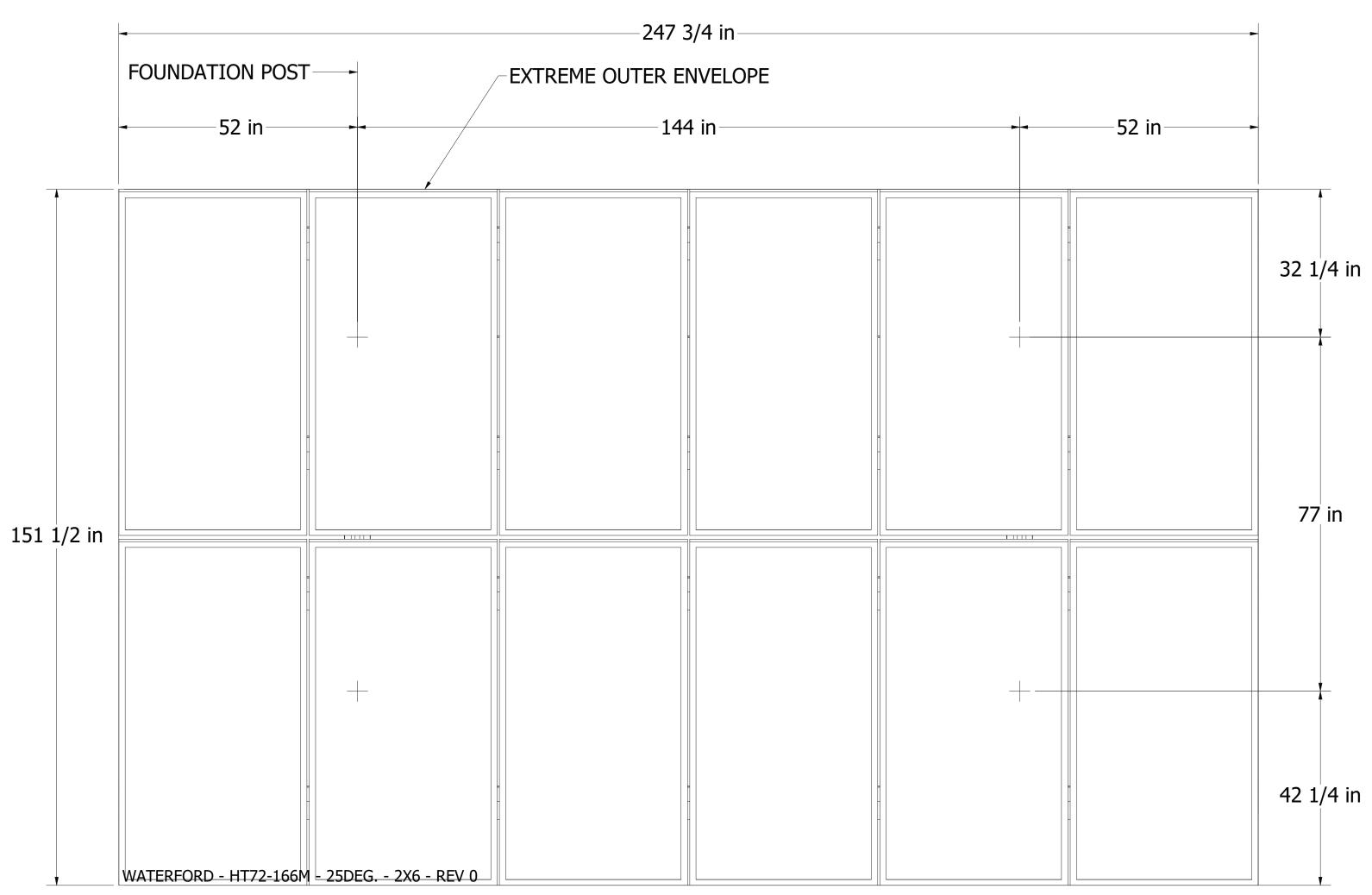


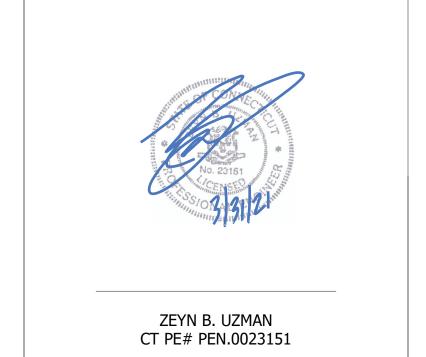
<u>GROUND SCREW</u> KRINNER G SERIES GROUND SCREW SOUTH SCREW - 76mm X 2100mm NORTH SCREW - 76mm X 2100mm <u>MODULE DIMENSIONS</u> NORTH/ SOUTH EDGE - 82.44 (2094mm) EAST/ WEST EDGE - 40.87 (1038mm) NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm) EAST/ WEST BOLT SPACING - 38.94 (989mm) THICKNESS - 1.38 (35mm)

PROJECT SPECIFICATIONS:	dra TMC - 3
TILT ANGLE - 25 RACK SIZE - 2X7	eng. app MF - 3/
MODULE ORIENTATION - PORTRAIT	MFG. APF SS - 3/
TERRASMART, LLC 14590 GLOBAL PARKWAY FORT MYERS, FL 33913	PROJECT NUMBE 21-7489
P 239.362.0211 F 239.676.1900 WWW.TERRASMART.COM	PROPRIETARY AND CO ANY REPRODUCTION

RTH FACING SLOPE SCALE 1/16

drawn by - 3/29/2021		CHECKED BY BS - 3/29/2021			
. APPROVED BY - 3/29/2021	·	PROJ. ENG. APPROVED BY BS - 3/29/2021	TERRA	SM	ART.
. APPROVED BY		PROJECT NAME WATERFORD		SHEET SIZE D	
mber 39		CLIENT GREENSKIES	MODULE HT72-166M	rev 0	SHEET NUMBER 14 OF 18
CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART.					





FLATTENED LAYOUT SCALE 1/18

GROUND SCREW		DRA
KRINNER G SERIES GROUND SCREW	PROJECT SPECIFICATIONS:	TMC - 3
SOUTH SCREW - 76mm X 2100mm	TILT ANGLE - 25	ENG. AP
NORTH SCREW - 76mm X 2100mm	RACK SIZE - 2X6	MF - 3,
MODULE DIMENSIONS	MODULE ORIENTATION - PORTRAIT	MFG. AP
NORTH/ SOUTH EDGE - 82.44 (2094mm)		SS - 3/
EAST/ WEST EDGE - 40.87 (1038mm)	TERRASMART, LLC	PROJECT NUMBE
NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm)	14590 GLOBAL PARKWAY	21-7489
EAST/ WEST BOLT SPACING - 38.94 (989mm)	FORT MYERS, FL 33913 P 239.362.0211 F 239.676.1900	PROPRIETARY AND C
THICKNESS - 1.38 (35mm)	WWW.TERRASMART.COM	ANY REPRODUCTION

RAWN BY 3/29/2021 CHECKED BY BS - 3/29/2021 TERRASMART. APPROVED BY 3/29/2021 PROJ. ENG. APPROVED BY BS - 3/29/2021 APPROVED BY 3/29/2021 PROJECT NAME SHEET SIZE D MODULE HT72-166M BER

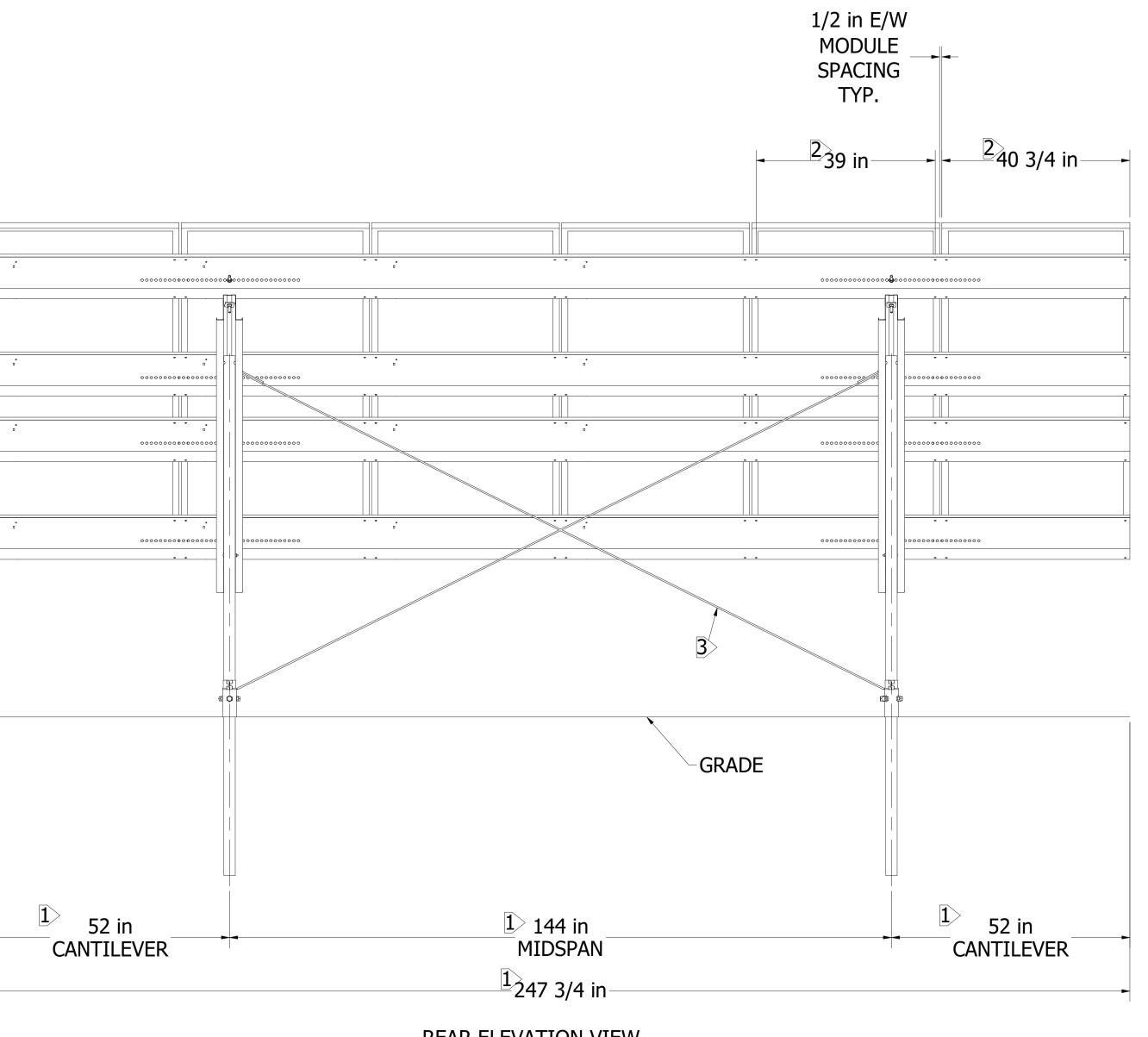
77 in

CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART. N IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASMART IS PROHIBITED.

REVSHEET NUMBER015 OF 18

CLIENT GREENSKIES

F		_		
-	• 0	-	-	ů
	000000	>00	000	00000
L.	•			
•	• •	•	-	°
	000000	00	00	00000
١.				
•	• • a	-	-	ů
	000000	>00	000	00000
	•	-	-	
•		•	•	•
	000000	000	000	•
	×			

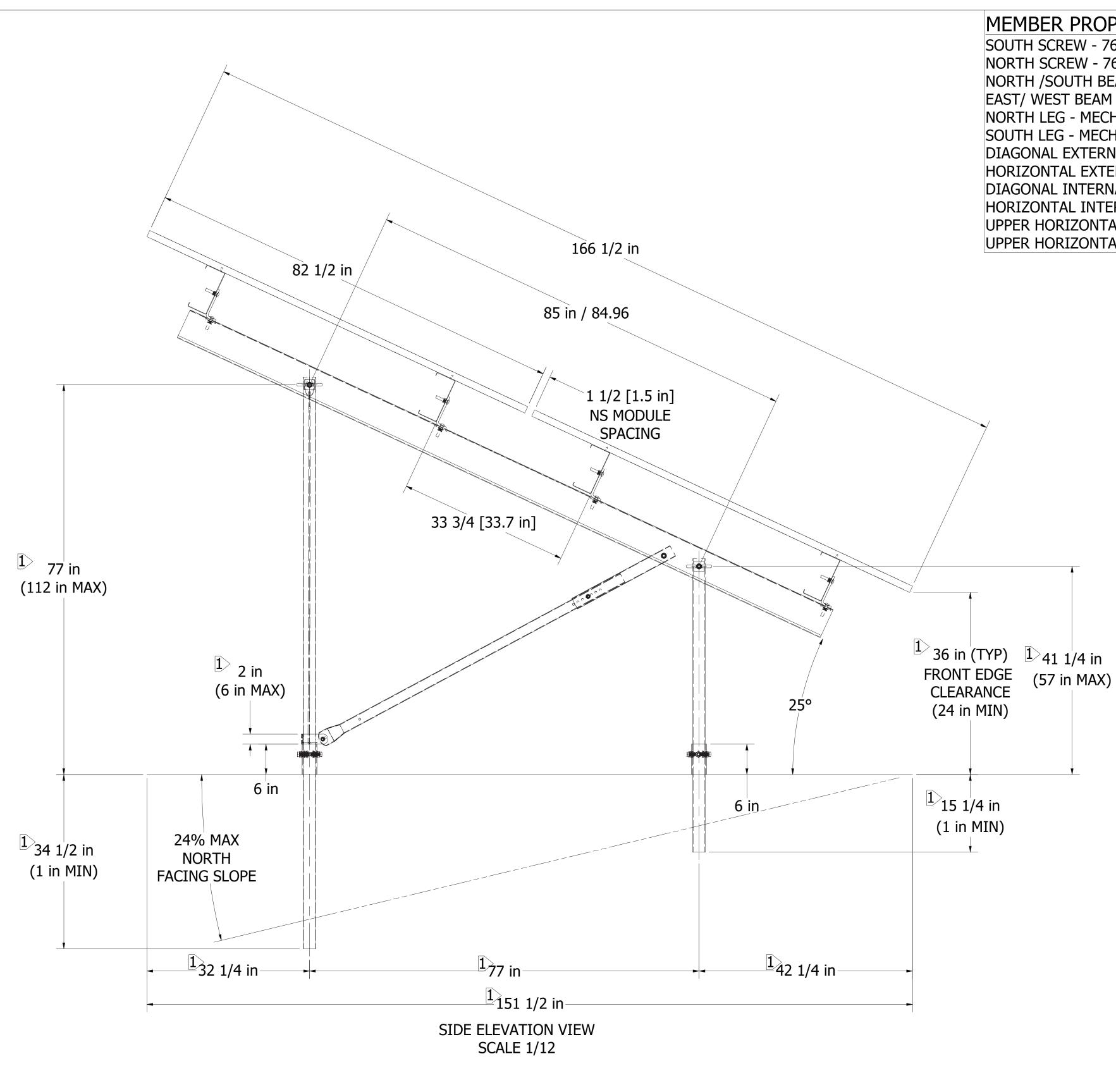




NOTES: 1. TYPICAL INSTALLATION DIMENSIONS MAY BE ADJUSTED TO SUIT FIELD CONDITIONS V 2. PURLIN SPACING IS DEPENDENT ON MODULE SPECIFICATIONS, REFER TO PROJECT NC 3. SEISMIC CROSS BRACING TO BE FIELD FIT.

REAR ELEVATION VIEW SCALE 1/18

	<u>GROUND SCREW</u> KRINNER G SERIES GROUND SCREW SOUTH SCREW - 76mm X 2100mm NORTH SCREW - 76mm X 2100mm	PROJECT SPECIFICATIONS: TILT ANGLE - 25 RACK SIZE - 2X6	DRAWN BY TMC - 3/29/2021 ENG. APPROVED BY MF - 3/29/2021	CHECKED BY BS - 3/29/2021 PROJ. ENG. APPROVED BY BS - 3/29/2021	TER	R A <mark>S M</mark>	ART.
	MODULE DIMENSIONS NORTH/ SOUTH EDGE - 82.44 (2094mm)	MODULE ORIENTATION - PORTRAIT	MFG. APPROVED BY SS - 3/29/2021		PROJECT NAME WATERFORD		SHEET SIZE D
ONS WITHIN THE TOLERANCES PROVIDED. T NOTES FOR MODULE SPECIFICATIONS.	EAST/ WEST EDGE - 40.87 (1038mm) NORTH/ SOUTH BOLT SPACING - 50.24 (1276mm)	TERRASMART, LLC 14590 GLOBAL PARKWAY	PROJECT NUMBER 21-7489	CLIENT GREENSKIES	MODULE HT72-166M	REV 0	SHEET NUMBER 16 OF 18
	EAST/ WEST BOLT SPACING - 38.94 (989mm) FORT MYERS, FL 33913 THICKNESS - 1.38 (35mm) P 239.362.0211 F 239.676.1900 WWW.TERRASMART.COM		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.				





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. 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.

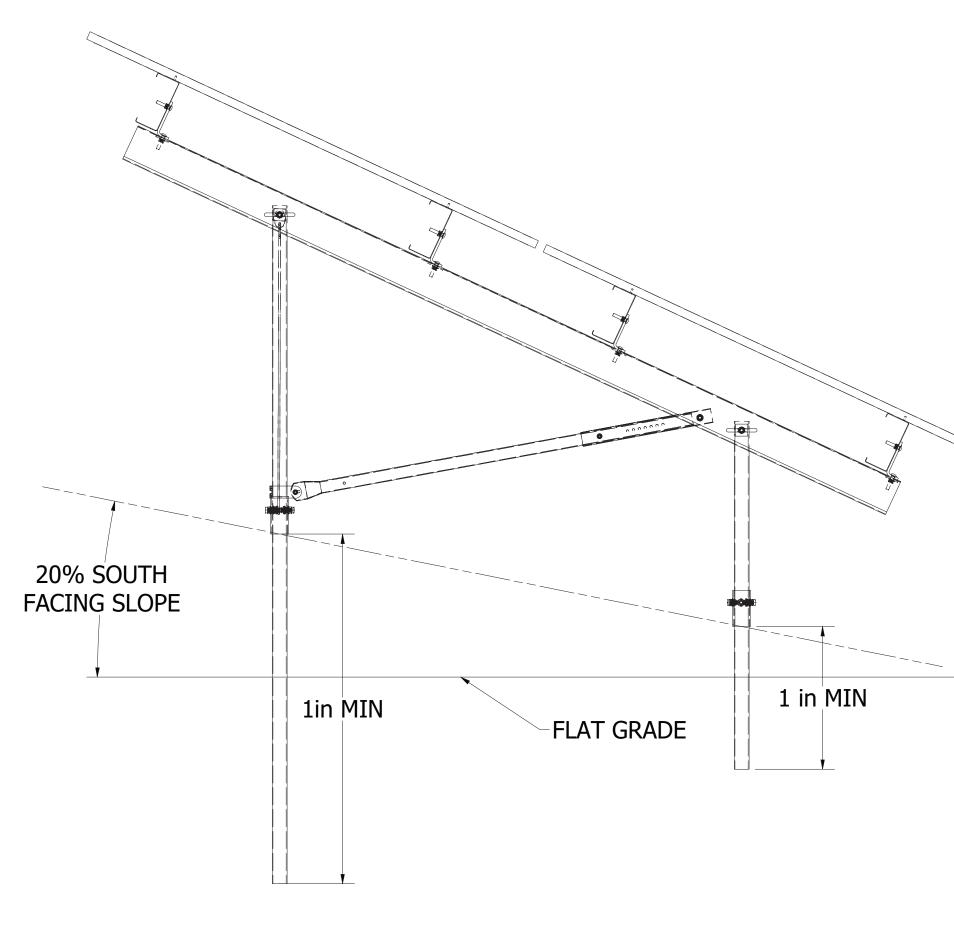
5. ON NORTH FACING SLOPES LEGS CAN BE FULLY EXTENDED TO MEET MINIMUM FRONT EDGE REQUIREMENTS. ALL LEGS REQUIRE A MINIMUM OF 1 INCH EMBEDMENT BELOW GRADE. FULL EXTENSION OF LEGS MAY RESULT IN LATERAL BRACES NOT FITTING. IF THEY ARE TOO SHORT, NEW LATERAL BRACES MAY BE ORDERED TO FIT AT THE PURCHASER'S EXPENSE.

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 - 2X6 MODULE ORIENTATION - PORTRAIT	DR. TMC - 1 ENG. AF MF - 3
	MFG. AI SS - 3
TERRASMART, LLC 14590 GLOBAL PARKWAY FORT MYERS, FL 33913	PROJECT NUMB 21-7489
P 239.362.0211 F 239.676.1900 WWW.TERRASMART.COM	PROPRIETARY AND C ANY REPRODUCTION

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 = 247.77 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

DRAWN BY - 3/29/2021 APPROVED BY	CHECKED BY BS - 3/29/2021 PROJ. ENG. APPROVED BY	TERRA	TERRA SMART.		
· 3/29/2021 BS - 3/29/2021 . APPROVED BY PROJECT NAME · 3/29/2021 WATERFORD				SHEET SIZE D	
MBER 39	GREENSKIES	MODULE HT72-166M	REV 0	SHEET NUMBER 17 OF 18	
O CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART. ON IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASMART IS PROHIBITED.					

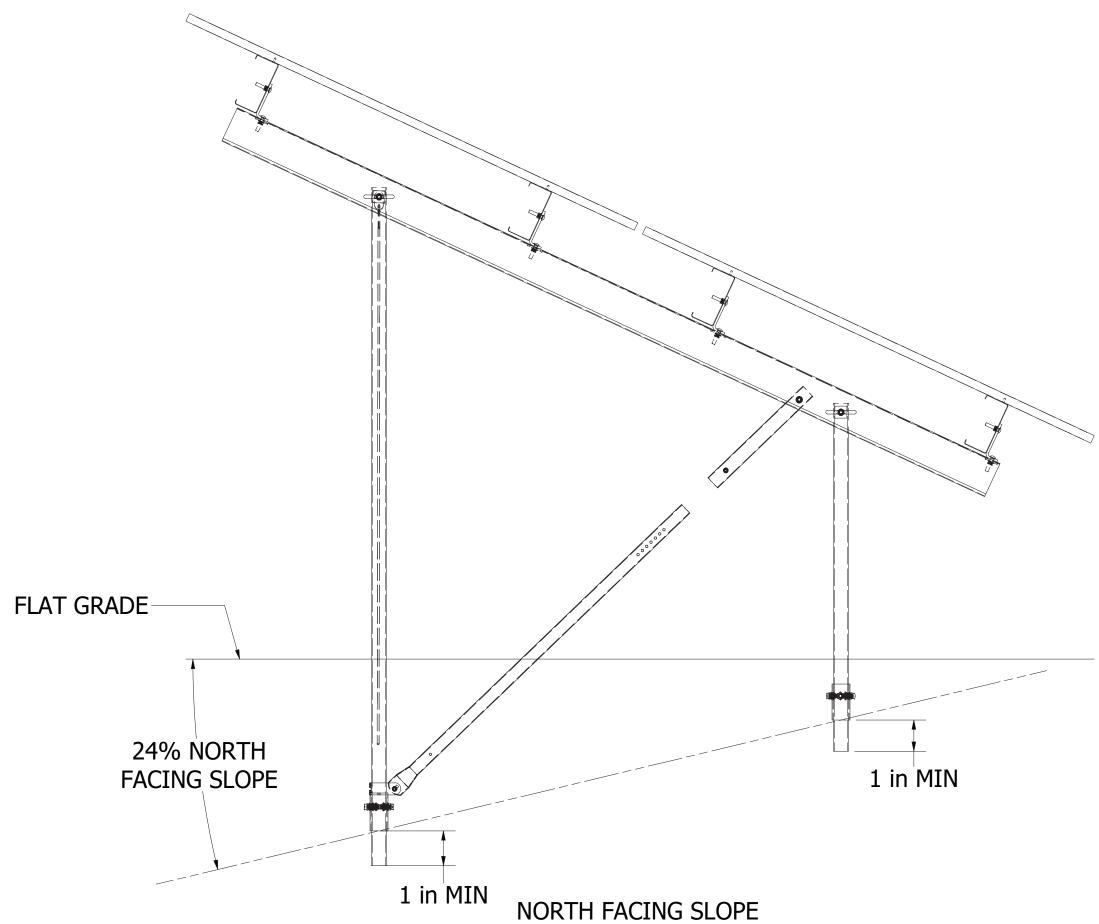




NOTES:

ZEYN B. UZMAN CT PE# PEN.0023151 TYPICAL INSTALLATION DIMENSIONS MAY BE ADJUSTED TO SUIT FIELD CONDITIONS WITHIN THE TOLERANCES PROVIDED.
 LEGS SHALL BE INSTALLED PLUMB, IF MECHANICALLY POSSIBLE. MAXIMUM 3° OUT OF PLUMB.
 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.
 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.



<u>GROUND SCREW</u> KRINNER G SERIES GROUND SCREW SOUTH SCREW - 76mm X 2100mm NORTH SCREW - 76mm X 2100mm <u>MODULE DIMENSIONS</u> 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 - 2X6 MODULE ORIENTATION - PORTRAIT	dra TMC - 3
	eng. api MF - 3/
	mfg. ap SS - 3/
TERRASMART, LLC 14590 GLOBAL PARKWAY FORT MYERS, FL 33913	PROJECT NUMBE 21-7489
P 239.362.0211 F 239.676.1900 WWW.TERRASMART.COM	PROPRIETARY AND CO ANY REPRODUCTION

RTH FACING SLOPE SCALE 1/16

drawn by - 3/29/2021	CHECKED BY BS - 3/29/2021			the second	
. APPROVED BY - 3/29/2021	PROJ. ENG. APPROVED BY BS - 3/29/2021	TERRA!	SM	ART.	
. APPROVED BY		PROJECT NAME			
3/29/2021		WATERFORD		D	
MBER	CLIENT	MODULE	REV	SHEET NUMBER	
39	GREENSKIES	HT72-166M	0	18 OF 18	
D CONFIDENTIAL. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TERRASMART. ON IN PART OR AS A WHOLE WITHOUT WRITTEN PERMISSION OF TERRASMART IS PROHIBITED.					