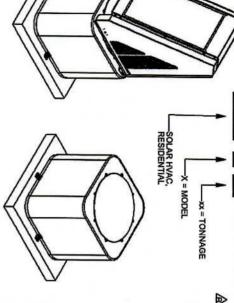
INC - WIND LOAD CERTIFICATION OF MECHANICAL UNIT CABINETRY AND STEEL TIE DOWN CLIPS: AT GRADE MOUNTED APPLICATIONS

REV B

XxC-XxxXxxXxX000AxxX-x2 GENERAL NOTES: -X = MODEL -xx = TONNAGE

-X = UNIT TYPE

SHRxX-xxX000A000



DESIGN CRITERIA:

UNIT WITH SOLAR HVAC SHOWN FOR REFERENCE

SHOWN FOR REFERENCE

EXPOSURE 'D' AT GRADE INSTALLATION ONLY ASCE 7 VULT = 200 MPH, A

DESIGN NOTES:

CODE EIGHTH EDITION (2023) FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE. THE DESIGN CRITERIA CONSIDERS ASCE 7 SECTION 29 FOR "OTHER STRUCTURES - SOLID THIS SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH ASCE 7 AND THE FLORIDA BUILDING

Zi.Shared Engineering/Drawing VaultSolar HVACLayouts 00 - Solar HVAC Residential/SHRxX-xxX000A002-0 FREESTANDING WALLS" INSTALLATIONS AT GRADE, ALL DESIGN VANA
ACCORDANCE WITH ASCE 7 CHAPTERS 26 & 29.

REV

25.07.09 ECO# š

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1. THIS SYSTEM HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE MAY BE USED WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE. THIS DESIGN IS NOT REQUIREMENTS OF THE FLORIDA BUILDING CODE EIGHTH EDITION (2023) & ASCE 7. THIS SYSTEM INTENDED TO CERTIFY IMPACT RESISTANCE OF THE MECHANICAL UNIT CABINETRY

TONNAGE, ETC.) SHALL BE AS PER MANUFACTURER RECOMMENDATIONS AND ARE THE EXPRESS RESPONSIBILTY OF THE CONTRACTOR. CONFORM TO LIMITATIONS STATED HEREIN. ALL MECHANICAL SPECIFICATIONS (CLEAR SPACE, ALL DIMENSION AND THE MINIMUM WEIGHT (126 LB MINIMUM) OF MECHANICAL UNIT SHALL

▲ 3. TAPCONS REFFERED TO HEREIN SHALL BE ASTM B633 ZINC PLATED STEEL OR EQUIVALENT PITCHES MINIUMUM PAST THE THREAD PLANE FOR SHEET METAL SCREWS. ALL FASTENERS SHALL SHALL BE #12 (14 MIN THREADS PER INCH) ASTM B633 OR EQUIVALENT ONLY. PROVIDE (5) ONLY, INSTALLED TO 4000 PSI MIN CONCRETE. SEE ANCHOR SCHEDULE FOR ANCHOR HAVE APPROPRIATE CORROSION PROTECTION TO PREVENT ELECTROLYSIS REQUIREMENTS. ALL SHEET METAL SCREWS USED TO FASTEN BRACKETS TO MECHANICAL UNITS

CONCRETE SHALL BE STRUCTURAL CONCRETE 4" MINIMUM THICK AND SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI, UNLESS NOTED OTHERWISE. ALL CONCRETE SPECIFIED HEREIN IS NOT PART OF THIS CERTIFICATION. AS A MINIMUM, ALI

5. THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROYSIS.

6. ELECTRICAL GROUND, WHEN REQUIRED, TO BE DESIGNED & INSTALLED BY OTHERS

ARE INTENDED. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS VERIFIED BY THE ONSITE DESIGN PROFESSIONAL AND IS NOT INCLUDED IN THIS CERTIFICATION. 7. THE ADEQUACY OF ANY EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS SHALL BE

SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A USE IN CONJUCTION WITH THIS DOCUMENT. LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR 8. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A

FULL RESPONSIBILTY OF THE INSTALLING CONTRACTOR. WATERPROOFING OR LEAKAGE ISSUES WHICH MAY OCCUR AS WATER-TIGHTNESS SHALL BE THE STRUCTURE PROPOSED HEREIN, THIS ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY 9. WATER-TIGHTNESS OF EXISTING HOST SUBSTRATE SHALL BE THE FULL RESPONSIBILTY OF THE WATERPROOFING MEMBRANE IS RESTORED AFTER FABRICATION AND INSTALLATION OF INSTALLING CONTRACTOR. CONTRACTOR SHALL ENSURE THAT ANY REMOVED OR ALTERED

10. FOR AN EXPLANATION OF EXPOSURE CATEGORIES THAT ACCOMPANY THE VULT WIND SPEEDS USED IN THIS DOCUMENT, SEE SECTION 26.7 OF ASCE 7.

	" ON Pale "	111.00		ES. STATE OF LIVE	10 WC / VE	Updated to FBC 2023; was 1x#10; Viii was 175mbn 1 5 9 0 1 1 2 1/2025	RELEASED FOR SUBMITTAL DNL	DESCRIPTION STORY OF SOLITE
						ADB	ADB	CHANGED BY
						JF		APPROVED BY
TOLERANCES WEIGHT (b) ±1/32", ±0.031", ±2" Various		THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF WIRE. LLC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MIRE. U.G. IS PROHIBITED.				, ,		GIDE:
SEE BOM		Residential Split Wind Loading	PART DESCRIPTION	PART NUMBER SHRxX-xxX000A000 - Wind Loading		TEL: (800) 889-2281 WWW.MYIAIRE.COM FAX: (317) 806-2770	6805 HILLSDALE COURT, INDIA	10 ID
DRAWING SCALE 1:32		d Loading		- Wind Loading		IAIRE, LLC HILLSDALE COURT, INDIANAPOLIS, INDIANA 48250) 880-2281 WWW.MYMAIRE.COM FAX: (317) 880-2		
SHEET 1 OF 5						06-2770	250	
>	SIZE							

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