

## CONTRACTOR AGREEMENT

This AGREEMENT is made and entered into this \_\_\_\_\_ day of April 2026, by and between the City of Madison, Alabama, an Alabama municipal corporation (hereinafter referred to as the “Owner”), and Rocket City Metal & Portable Buildings, an Alabama limited liability company located at 27361 US Highway 72, Athens, AL 35613 (hereinafter referred to as the “Contractor”).

### WITNESSETH:

**1. Scope of Work:** For and in consideration of the payment by Owner as hereinafter provided, Contractor does hereby contract and agree to sell and install a 20x24x7 standard carport as specified in Contractor’s proposal, Exhibit A (the “Work”), in accordance with Owner’s plans, specifications, and directions. Exhibit A, which is Contractor’s proposal dated March 3, 2026, is attached to this Agreement and incorporated into it by reference.

**2. Compensation:** For the above-described work as and when satisfactorily performed, Owner agrees to pay Contractor a total sum not to exceed two thousand sixty dollars and twenty-five cents (\$2,060.25), Contractor is solely responsible for submission of monthly detailed invoices outlining the work performed and the payment due from City, terms net thirty (30) days. Owner will withhold ten percent (10%) retainage until final acceptance. Contractor will furnish Owner with partial lien waivers on Owner’s forms with each draw request. City will pay the remaining amount to Contractor only after City has inspected and accepted all work to be completed and upon the receipt of a final invoice from Contractor, terms net thirty (30) days. Prior to release of retainage, Contractor will furnish Owner with a one (1) year written warranty, any special warranties required by the plans and specifications, and Final Lien Waivers/Releases from Contractor, any subcontractor and any material suppliers, all on forms supplied by and satisfactory to the Owner.

**3. Additional Services:** Contractor shall make all alterations and changes, and perform all extra work or omit any work, which the Owner may require in writing, and at a reasonable addition to or deduction from the contract price set forth herein. NO EXTRA WORK, ALTERATIONS OR CHANGES SHALL BE MADE, HOWEVER, EXCEPT UPON WRITTEN ORDER FROM OWNER, AND OWNER SHALL NOT BE HELD LIABLE TO CONTRACTOR FOR ANY EXTRA WORK, ALTERATIONS OR CHANGES FURNISHED WITHOUT SUCH WRITTEN ORDER. NO OFFICER, EMPLOYEE, OR AGENT OF OWNER HAS ANY AUTHORITY TO DIRECT ANY EXTRA WORK ALTERATIONS OR CHANGES BY ORAL ORDER.

**4. Term of Agreement:** This Agreement shall come into effect when the authorized representatives of each party finally execute and affix their respective signatures hereto in their duly authorized capacities. In the event the signatures are affixed on different dates, the date of the latter signature shall be the date the Agreement comes into effect. This Agreement shall expire one year after the effective date of this Agreement, or upon the City’s acknowledgement of Contractor’s fulfillment of the terms of the Scope of Work contained herein. This Agreement may be terminated by either party, with or without cause, upon the provision of thirty (30) days’ notice to the other party. In the event of termination, Contractor shall be entitled to payment only for

services rendered as of the date of termination, and City shall be entitled to receive only that work product created by Contractor as of the date of termination.

**5. Time of the Essence:** Time is of the essence in Contractor's performance of its work. Contractor shall perform according to the schedule furnished by Owner. Contractor's work shall not commence until a separate contractor completes the pouring of new concrete at the installation site, and from that point forward, Contractor shall perform in strict accordance with the schedule furnished by Owner. The schedule may be updated or revised by the Owner, and the Contractor shall perform accordingly. Should Contractor be delayed in its final completion through no fault of its own, its subcontractors or vendors, it will only be entitled to a commensurate extension of time in the schedule, and Contractor hereby waives any monetary claim for delay, disruption, inefficiency, impact, or suspension.

**6. Subcontractors:** Contractor shall promptly make payments to all persons supplying the Contractor with labor, tools, supplies, and equipment used or to be used in the prosecution of the work or in connection therewith. Any payments not so made by the Contractor when earned or due may be made by the Owner and the amounts thereof deducted from any moneys at any time earned or due the Contractor under this agreement. Furthermore, Contractor shall hold and save the Owner harmless from any and all claims, actions, suits, or liens by any such persons. Contractor hereby waives and releases any lien or right of lien it may assert against the improved property, the Owner or any contract funds as provided by law or in equity.

**7. Work Conditions:** All construction and work performed hereunder by Contractor and its employees, if any, shall be in strict accordance with the plans, specifications and directions furnished by the Owner. Contractor shall, at Contractor's expense, comply with the Owner's clean-up, operational, and other facility procedures and shall at all times keep the facility and premises free from debris and unsafe conditions resulting from the Contractor's Work. Contractor shall give adequate notices to any and all authorities pertaining to the Contractor's Work and secure and pay for all permits, fees, licenses, assessments, inspections, and taxes necessary to complete the Contractor's Work.

**8. Owner Suspension of Work:** Owner may expressly order the Contractor in writing to suspend, delay, interrupt, or terminate all or any part of the Contractor's work for such period of time as may be determined to be appropriate for the convenience of the Owner. In such event, Owner shall not be liable for unearned anticipated profit on the Contractor's work not performed as of the termination date, nor shall Owner be liable to the Contractor for any delay, impact, consequential, indirect, or other damages.

**9. Compliance with Laws:** Contractor promises and agrees that it will be responsible for all workmen employed or engaged by it in the performance of this contract and that it will be responsible for complying with all Federal and State laws and regulations pertaining to the withholding of income taxes, Social Security, and unemployment compensation payments of its employees. Contractor warrants and agrees that it and its employees shall at all times observe and comply with all applicable laws and regulations of the United States and of any state, county, or city having jurisdiction of the place where any work hereunder is being done.

Contractor agrees to fully comply with the Occupational Safety & Health Act of 1970 and successive legislation and any and all regulations issued pursuant thereto. Contractor shall defend, indemnify and hold Owner harmless from any claims or charges of any kind by reason of Contractor failing to fully comply with the Act and its regulations, and agrees to reimburse the Owner for any fines, damages, or expenses of any kind incurred by the Owner by reason of the Contractor's failure to comply. Contractor shall be solely responsible for project safety and is solely responsible for the safety of its own employees.

By signing this Contract, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment, or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom, to the extent allowed by Federal law. Contractor hereby represents, warrants and covenants to Owner as follows: Contractor (i) has complied, and shall at all times during the term of this agreement comply, in all respects with all immigration laws, statutes, rules, codes, orders and regulations, including, without limitation, the Immigration Reform and Control Act of 1986, as amended, and the Illegal Immigration Reform and Immigrant Responsibility Act of 1996, as amended, and any successor statutes thereto, (ii) has properly maintained, and shall at all times during the term of this agreement properly maintain, all records required by the United States Citizenship and Immigration Services (the "USCIS"), including, without limitation, the completion and maintenance of the Form I-9 for each of Contractor's employees, and (iii) has responded, and shall at all times during the term of this agreement respond, in a timely fashion to any inspection requests related to such I-9 Forms.

**10. Independent Contractor:** It is expressly agreed by and between the parties hereto that the Contractor is an independent contractor and said Contractor shall not be deemed or construed to be an employee or agent of Owner, or any of Owner's elected officials, principals, employees, members, managers, partners, or affiliates.

**11. Insurance & Indemnification:** Contractor will furnish Owner a Certificate of Insurance naming Owner as an additional insured, as well as evidence of required general contractor licensing, all acceptable to Owner, at the time of execution of this Agreement. To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless Owner (including its affiliates, parents, and subsidiaries) and all of its agents, officers, elected officials, members, managers, and employees from and against all claims, damages, losses, and expenses, including but not limited to, court costs, and reasonable attorney's fees, arising out of, related to or resulting from the performance of the Contractor's work or the Contractors' failure to perform its obligations under this Agreement, regardless of whether such claims, damages, losses, and expenses are caused by, or are alleged to be caused by, in whole or in part, the acts, omissions, or negligence of a party indemnified hereunder.

**12. Termination:** If the Contractor refuses or fails to supply enough properly skilled workers, competent supervision, or proper materials, to maintain the schedule of work, or to make prompt payment to its workers, subcontractors, or suppliers, or if the Contractor disregards laws, ordinances, rules, regulations, or orders of any public authority having jurisdiction, or otherwise is responsible for a material breach of this Agreement, and thereafter fails within three (3) working

days after receipt of written notice from Owner to commence and continue satisfactory correction of such default with diligence and promptness, then the Owner, without prejudice to any others rights or remedies, shall have the right to terminate Contractor's employment under this Agreement and withhold payment of any monies due the Contractor pending corrective or curative action to the extent required by and to the satisfaction of the Owner. All of the costs incurred by the Owner in completing or correcting the Contractor's work, including overhead, profit, court costs and reasonable attorney's fees, shall be deducted from any monies due or to become due the Contractor from Owner and shall otherwise be reimbursed by the Contractor and its surety.

**13. Governing Law & Dispute Resolution:** The laws of the State of Alabama shall govern the validity of this Agreement, the construction of its terms, the interpretation of the rights, the duties of the parties, the enforcement of its terms, and all other matters relating to this Agreement. All claims, disputes, and any other matters in question between Owner and the Contractor arising out of or relating to this Agreement, at the sole election of the Owner, shall be decided either by a court located in Madison County, Alabama, or by binding arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association. The location of the arbitration proceeding shall be Madison County, Alabama. Any award rendered by the arbitrators shall be final, and judgment may be entered thereon in accordance with applicable law in any court having jurisdiction thereof.

**14. Open Trade:** By signing this contract, Contractor represents and agrees that it is not currently engaged in, nor will it engage in, any boycott of a person or entity based in or doing business with a jurisdiction with which the State of Alabama can enjoy open trade.

**15. Entire Agreement:** This Agreement represents the entire and integrated agreement between the parties hereto and supersedes all prior negotiations, representations or agreements, either written or oral. There shall be no modification of this Agreement, except in writing, signed by both parties, executed with the same formalities as with original instrument.

**16. Severability:** If any provision of this Agreement shall be held to be invalid or unenforceable for any reason, the remaining provisions shall continue to be valid and enforceable. If a court finds that any provision of the Agreement is invalid or unenforceable, but that by limiting such provision it would become valid and enforceable, then such provision shall be deemed to be written, construed and enforced as so limited.

**17. Waiver:** The failure of either party to enforce any provision of this Agreement shall not be construed as a waiver or limitation of that party's right to subsequently enforce and compel strict compliance with every provision of this Agreement.

**18. No Third-Party Beneficiaries:** Nothing contained herein shall create a contractual relationship with, or any rights in favor of, any third party.

**19. Conflicts:** In the event the terms set forth in the body of this Agreement conflict with the terms set forth in any attachment hereto, the terms set forth in the body of this Agreement shall prevail.

**20. Headings:** The headings of each section are inserted for reference purposes only. Any conflict between a descriptive heading and the content of the section shall be resolved in favor of the language contained in the section.

**21. Notices:**

All notices to the City shall be addressed as follows:

*City of Madison Fire & Rescue Department  
Attn: Fire Chief Brandy Williams  
100 Hughes Road  
Madison, Alabama 35758*

With a copy to:

*City of Madison Legal Department  
Attn: City Attorney  
100 Hughes Road  
Madison, Alabama 35758*

All notices to Contractor shall be addressed as follows:

*Rocket City Metal & Portable Buildings  
27361 US Highway 72  
Athens, AL 35613*

**IN WITNESS WHEREOF**, the parties hereto affirm that they have the authority to execute this Agreement on behalf of their respective entities for the entire term and have hereunto set their hands and seals on the day and year respectively noted.

**City of Madison, Alabama,  
a municipal corporation**

**Attest:**

By: \_\_\_\_\_  
Ranae Bartlett, Mayor

\_\_\_\_\_  
Lisa D. Thomas, City Clerk-Treasurer

Date: \_\_\_\_\_

**STATE OF ALABAMA                   §  
COUNTY OF MADISON           §**

I, the undersigned Notary Public, in and for said County, in said State, hereby certify that Ranae Bartlett and Lisa D. Thomas, whose names as Mayor and the City Clerk-Treasurer, respectively, of the City of Madison, Alabama, are signed to the foregoing instrument, and who are known to me, acknowledged before me on this day that, being informed of the contents of the instrument, they, as such officers and with full authority, executed the same voluntarily for and as the act of the City of Madison, Alabama, a municipal corporation.

Given under my hand and official seal this \_\_\_\_\_ day of \_\_\_\_\_ 2026.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

**Rocket City Metal & Portable Buildings  
CONTRACTOR**

By: \_\_\_\_\_

Printed: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

**STATE OF ALABAMA §**  
**COUNTY OF \_\_\_\_\_ §**

I, the undersigned authority, a Notary Public in and for said County in said State, hereby certify that \_\_\_\_\_, whose name as \_\_\_\_\_ of Rocket City Metal & Portable Buildings is signed to the foregoing instrument and who is or was made known to me, acknowledged before me on this day that, being informed of the contents of the instrument, s/he, as such officer and with full authority, executed the same voluntarily for and as the act of said entity.

Given under my hand and official seal this \_\_\_\_\_ day of \_\_\_\_\_ 2026.

\_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

# **EXHIBIT A**



**Rocket City Metal & Portable Buildings**  
 27361 US Highway 72, Athens, AL 35613  
 12360 US 231, Meridianville, AL 35759  
 Athens: (256) 678-9898; Meridianville: (256) 678-9798; Nationwide: (888) 531-6767  
 info@rocketcitybuildings.com

Customer Order - **Mar 3, 2026**

Ship To		
Name <u>Madison Fire and Rescue</u>	Order # <u>1772564462054934</u>	
Billing Address <u>100 Hughes Road</u>		
City <u>Madison</u>	State <u>AL</u>	Zip Code <u>35758</u>
Install Address <u>400 Celtic Drive</u>		
City <u>Madison</u>	State <u>AL</u>	Zip Code <u>35758</u>
Email <u>chad.menard@madisonal.gov</u>	Phone # <u>256-762-6603 ( Chad Menard)</u>	Mobile # _____

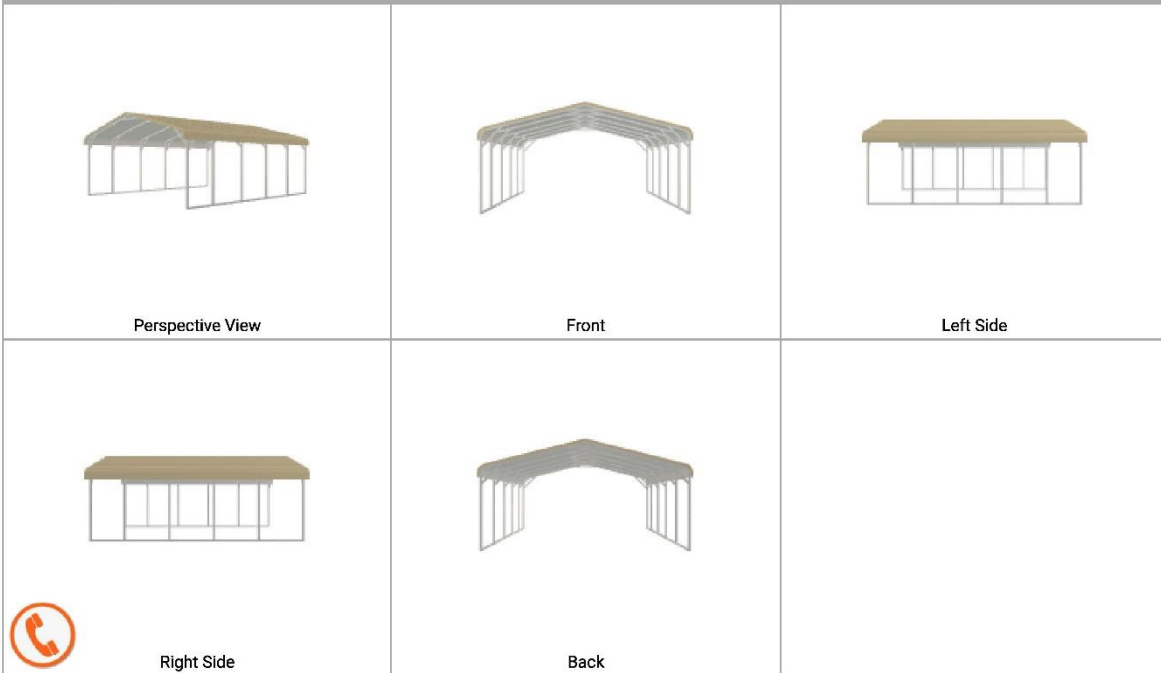
Building Info	Size	Color	Anchoring & Site Preparation
Style: <u>Standard Carport</u>	$\frac{20'}{\text{Width}} \times \frac{24'}{\text{Length}} \times \frac{7'}{\text{Leg Height}}$	Roof <u>Beige</u> <input type="checkbox"/>	Installation Surface: <u>Gravel</u>
Roof Overhang: <u>None</u>		Trim: <u>Beige</u> <input type="checkbox"/>	
Roof Style: <u>Regular</u>			
Leg Style: <u>Standard</u>			
Brace: <u>2' Brace</u>			

**Design Link & Notes**

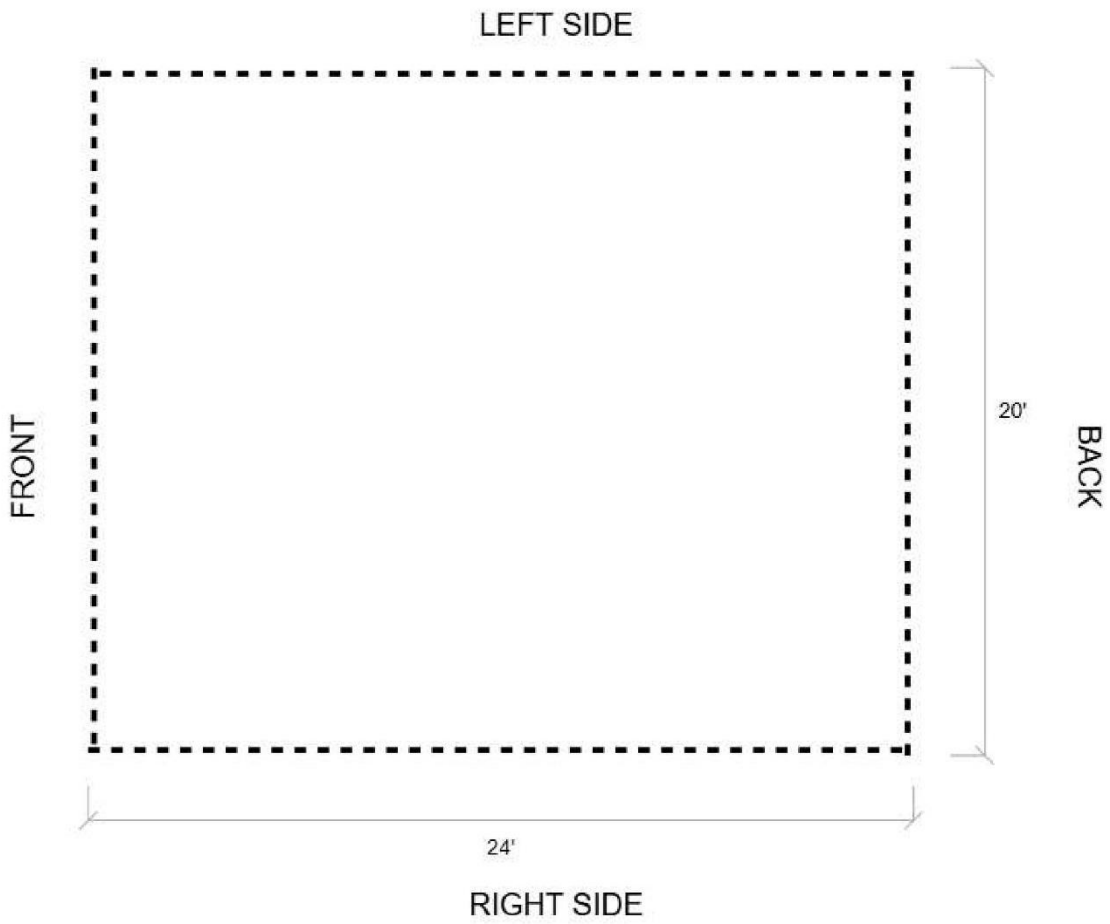
Design Link: <https://idearoom.rocketmetalbuildings.com/?lng=en-US#bb9b34a1cd70799a74be911869b95020>

Notes, Comments, Questions Net 30- Will pay by Check

**Building Images**



#1772564462054934



**SYMBOL LEGEND**

---- Open Wall



#1772564462054934

Section	Description	Quantity	Amount
<b>Structure Details</b>			
	Style: Standard Carport	1	-
	Base Price: 20'x24'	1	\$2,295.00
	Installation Surface: Gravel	1	-
	Ground Anchors	4	\$140.00
	Roof Color: Beige	1	-
	Trim Color: Beige	1	-
	Frame Spacing: Five Feet Frame Spacing	1	-
	Roof Style: Regular	1	-
	Roof Pitch: 3/12	1	-
	Roof Overhang: None	1	-
	Trusses: Standard	1	-
	Leg Style: Standard	1	-
	Brace: 2' Brace	1	-
	Leg Height: 7'	1	\$90.00
<b>Additional Options</b>			
	14 Gauge Framing		-
	29 Gauge Roof & Siding		-
	Standard Screws		-
<b>Additions and Adjustments</b>			
	* Light bleed is typical of standard installations along interior corners of fully enclosed builds. Foam closures are recommended to mitigate light bleed.	1	-
Building Estimate:			\$2,525
Manufacturer Discount:			-\$252
Total:			\$2,273
Total Order Amount:			\$2,273
Deposit Amount:			\$272.76
Deposit Required to Order:			\$272.76
Final Balance Due at Installation:			\$2,000.24
Card Balance Due:			\$2,060.25

**Signatures**

Customer Signature:	
Date:	
Delivery Notes:	
Delivery Notes:	

## INSTALLATION NOTES AND SPECIFICATIONS

1. DESIGN IS FOR MAXIMUM 30'-0" WIDE x 20'-0" EAVE HEIGHT OPEN CARPORT STRUCTURES.
2. DESIGN WAS DONE IN ACCORDANCE WITH ALL THE APPLICABLE BUILDING CODES LISTED ON SHEET 3A.
3. DESIGN LOADS ARE AS FOLLOWS:
  - A) ROOF DEAD LOADS:
    - SELF-WEIGHT = 1.5 PSF
    - MEP = 0 PSF
    - COLLATERAL = 0 PSF
  - B) ROOF LIVE LOAD = 12 PSF
  - C) FLOOR LIVE LOAD = 100 PSF (4" CONCRETE SLAB/FOOTING)
  - D) GROUND SNOW LOAD = 25 PSF PER IBC 2021, IBC 2018, IBC 2015, IBC 2012, IBC 2009, AND IBC 2006  
 = 28 PSF PER IBC 2024  
 = 20 PSF WITH U-CHANNEL RAFTER TIE (W ≤ 16'-0")
  - E) FLAT ROOF SNOW LOAD = 20 PSF PER IBC 2021, IBC 2018, IBC 2015, IBC 2012, IBC 2009, AND IBC 2006  
 = 28 PSF PER IBC 2024

NOTE: UNBALANCED LOADING DUE TO SNOW DRIFT/SLIDING FROM AN ADJACENT TALLER STRUCTURE HAS NOT BEEN EVALUATED. DROP-DOWN LEAN-TO'S (THOSE CAUSING A HEIGHT DIFFERENTIAL FROM THE MAIN STRUCTURE) SHALL BE LIMITED TO GROUND SNOW LOADS ≤ 15 PSF DUE TO ADDITIONAL SNOW DRIFT LOADING.
4. 3-SECOND GUST ULTIMATE WIND SPEED ( $V_{ULT}$ ) = 140 MPH (NOMINAL WIND SPEED = 108 MPH).
5. MAXIMUM RAFTER/POST SPACING = 5.0 FEET
6. END WALL COLUMNS (POSTS) ARE EQUIVALENT TO SIDE WALL POSTS IN SIZE AND SPACING (UNLESS NOTED OTHERWISE).
7. RISK CATEGORY I (NOT FOR HUMAN OCCUPANCY).
8. WIND EXPOSURE CATEGORY B.
9. SPECIFICATIONS APPLICABLE TO 29 GAUGE METAL PANELS FASTENED DIRECTLY TO 2 1/2"x2 1/2"-14 GAUGE TUBE STEEL (TS) FRAMING MEMBERS (UNLESS NOTED OTHERWISE), TS 2 1/4"x2 1/4"-12 GAUGE MAY BE USED AS AN OPTION.
10. CONNECTOR SLEEVES ARE MINIMUM 6' LONG, TS 2 1/4"x2 1/4"-14 GAUGE FOR 2 1/2"x2 1/2"-14 GAUGE AND TS 2"x2"-14 GAUGE FOR 2 1/4"x2 1/4"-12 GAUGE FRAMING MEMBERS (UNLESS NOTED OTHERWISE).
11. ALL STRUCTURAL COMPONENTS, INCLUDING TUBE STEEL (TS), U-CHANNEL, HAT CHANNEL, AND CONNECTOR PLATES, SHALL BE COLD FORMED (AS APPLICABLE) FROM STEEL CONFORMING TO ASTM A653 SS GRADE 50 (MIN.  $F_y$  = 50 KSI) WITH MINIMUM G60 GALVANIZING.
12. AVERAGE PANEL FASTENER SPACING ON-CENTERS = 10" O.C. (MAX.)
13. FASTENERS CONSIST OF #12-14x3/4" SELF-DRILLING FASTENER (SDF), USE CONTROL SEAL WASHER WITH EXTERIOR FASTENERS. SPECIFICATIONS APPLICABLE ONLY FOR ROOF SLOPES OF 14" (3/12 PITCH) OR LESS. ROOF SLOPES LESS THAN 3/12 REQUIRE USE OF LAP JOINT SEALANT.
14. ANCHORS SHALL BE INSTALLED THROUGH BASE RAIL AT OR WITHIN 6" OF EACH COLUMN.
15. CONTRACTOR TO PROVIDE ADEQUATE BRACING FOR STRUCTURE SO THAT IT WILL BE STABLE DURING ALL STAGES OF CONSTRUCTION. THE STRUCTURE AND FOUNDATIONS ARE DESIGNED FOR A COMPLETED CONDITION ONLY AND, THEREFORE, REQUIRE ADDITIONAL SUPPORT TO MAINTAIN STABILITY BEFORE COMPLETION.
16. WIND FORCES GOVERN OVER SEISMIC FORCES. SEISMIC PARAMETERS ANALYZED ARE:
  - SOIL SITE CLASS = D
  - RISK CATEGORY I
  - R = 3.25                       $I_E$  = 1.0
  - $S_{DS}$  = 2.625 g              V =  $C_s W$
  - $S_{M1}$  = 2.13 g
17. ANALYSIS/DESIGN OF THIS STRUCTURE WAS BASED ON THE LOADS, BUILDING CODE, AND STRUCTURAL GEOMETRY NOTED HEREIN. NO CHANGES SHALL BE MADE TO THE STRUCTURE WITHOUT EXPRESS WRITTEN PERMISSION FROM THE DESIGN ENGINEER. ANY CHANGES IN THE USE OR GEOMETRY OF THE STRUCTURE IN ANY MANNER IS A VIOLATION OF THE BUILDING CODE AND NEGATES ANY LIABILITY ON THE PART OF MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.
18. WHEN USING GENERIC MASTER DESIGNS TO OBTAIN BUILDING PERMIT, IT MUST BE ACCOMPANIED BY SUFFICIENT ADDITIONAL INFORMATION TO INDICATE THE LOCATION, NATURE, AND EXTENT OF THE CONSTRUCTION AND SHOW IN DETAIL THAT IT WILL CONFORM TO ALL APPLICABLE CODES, LAWS, ORDINANCES, RULES, AND REGULATIONS.
19. WHEN APPLYING FOR BUILDING PERMIT, THE BUILDING OFFICIAL MUST BE CONSULTED TO VERIFY WHETHER THE USE OF THE MASTER DESIGN IS ADEQUATE OR IF A SITE-SPECIFIC DESIGN IS REQUIRED FOR OBTAINING A BUILDING PERMIT. GENERIC MASTER DESIGNS CAN NOT BE USED WHERE A SITE-SPECIFIC DESIGN IS REQUIRED.
20. ANY VARIATION FROM THE ANALYSIS/DESIGN PARAMETERS OF THE MASTER DESIGN REQUIRES THE DEVELOPMENT OF A SITE-SPECIFIC DESIGN.
21. USE E70 ELECTRODES FOR WELDED CONNECTIONS. ALL WELDING SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF AWS D1.3.

**Validity Notice**

Plans Expiration Date:

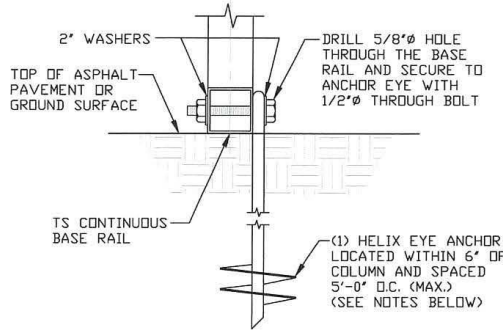
**23 October 2027**

Name  
Address 1  
Address 2



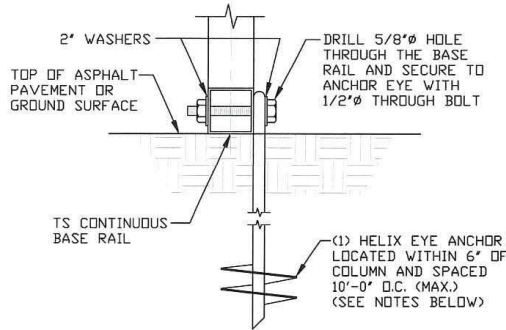
<b>MOORE AND ASSOCIATES ENGINEERING AND CONSULTING, INC.</b>	DRAWN BY: JG	STAR METAL BUILDING CARPORTS, LLC 2803 NW STALLINGS DRIVE NACOGDOCHES, TX 75964 30'-0"x20'-0" FULLY OPEN STRUCTURE		
	CHECKED BY: AM	PROJECT MGR: JRP	DATE: 10-23-25	SCALE: NTS
THIS DOCUMENT IS THE PROPERTY OF MOORE AND ASSOCIATES ENGINEERING AND CONSULTING. THE UNAUTHORIZED REPRODUCTION, COPYING, OR OTHERWISE USE OF THIS DOCUMENT IS STRICTLY PROHIBITED AND ANY INFRINGEMENT THEREUPON MAY BE SUBJECT TO LEGAL ACTION.	CLIENT: STAR METAL	SHT. 3	DWG. NO: SK-1	JOB NO: 21369S/23150S/ 24242S/25052S/25290S REV: 5

**BASE RAIL ANCHORAGE OPTIONS WITH ATTACHED LEAN-TO**



**2A GROUND BASE HELIX ANCHORAGE**  
 SCALE: NTS (CAN BE USED FOR ASPHALT)  
 \* COORDINATE WITH LOCAL CODES/ORD.  
 REGARDING MIN. FROST DEPTH (LENGTH).

**BASE RAIL ANCHORAGE OPTIONS WITHOUT ATTACHED LEAN-TO**



**2B GROUND BASE HELIX ANCHORAGE**  
 SCALE: NTS (CAN BE USED FOR ASPHALT)  
 \* COORDINATE WITH LOCAL CODES/ORD.  
 REGARDING MIN. FROST DEPTH (LENGTH).

**GENERAL NOTES**

**HELIX ANCHOR NOTES:**

1. FOR VERY DENSE AND/OR CEMENTED SANDS, COARSE GRAVEL AND COBBLES, CALICHE, PRELOADED SILTS AND CLAYS, USE MINIMUM (2) 4" HELICES WITH MINIMUM 30' EMBEDMENT OR SINGLE 6" HELIX WITH MINIMUM 50' EMBEDMENT.
2. FOR CORAL USE MINIMUM (2) 4" HELICES WITH MINIMUM 30' EMBEDMENT OR SINGLE 6" HELIX WITH MINIMUM 50' EMBEDMENT.
3. FOR MEDIUM DENSE COARSE SANDS, SANDY GRAVELS, VERY STIFF SILTS, AND CLAYS USE MINIMUM (2) 4" HELICES WITH MINIMUM 30 INCH EMBEDMENT OR SINGLE 6" HELIX WITH MINIMUM 50' EMBEDMENT.
4. FOR LOOSE TO MEDIUM DENSE SANDS, FIRM TO STIFF CLAYS AND SILTS ALLUVIAL FILL, USE MINIMUM (2) 6" HELICES WITH MINIMUM 50' EMBEDMENT.
5. FOR VERY LOSE TO MEDIUM DENSE SANDS, FIRM TO STIFFER CLAYS AND SILTS, ALLUVIAL FILL, USE MINIMUM (2) 8" HELICES WITH MINIMUM 60' EMBEDMENT.

**Validity Notice**

**Plans Expiration Date:**

**23 October 2027**

Name  
 Address 1  
 Address 2



<b>MOORE AND ASSOCIATES                  ENGINEERING AND CONSULTING, INC.</b>	DRAWN BY: JG	STAR METAL BUILDING CARPORTS, LLC 2803 NW STALLINGS DRIVE NACOGDOCHES, TX 75964 30'-0"x20'-0" FULLY OPEN STRUCTURE		
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