

Submittal #055000-7.R2 055000 - Metal Fabrications

Brinkmann Constructors 11101 Switzer Road Suite 310 Overland Park, Kansas 66210 Phone: (913) 717-9007 Fax: (913) 717-9407 Project: 1386 - Signature at West Pryor 2100 NW Lowenstein Dr. Lee's Summit, Missouri 64081

Carport Shop Drawings

REVISION:	R2	SUBMITTAL MANAGER:	Nick Wintjen (Brinkmann Constructors)	
STATUS:	Open	DATE CREATED:	03/9/2023	
Date Ordered:				
ISSUE DATE:	03/9/2023	SPEC SECTION:	055000 - Metal Fabrications	
RESPONSIBLE CONTRACTOR:	Ross & Barr, Inc.	RECEIVED FROM:	James Riley	
RECEIVED DATE:		SUBMIT BY:		
FINAL DUE DATE:	03/13/2023	LOCATION:		
		COST CODE:		
		TYPE:	Shop Drawings	
APPROVERS:	Clark Basinger (Bob D. Campbell & Company), Michaela Silva (TR,i Architects)			

BALL IN COURT:

Michaela Silva (TR,i Architects)

DISTRIBUTION:

Nick Wintjen (Brinkmann Constructors)

DESCRIPTION:

SUBMITTAL WORKFLOW

NAME	SENT DATE	DUE DATE	RETURNED DATE	RESPONSE	ATTACHMENTS	COMMENTS
General Information Attachments					055000-7-R2 Carport Shop Drawings - 3.9.23.pdf	
Clark Basinger	03/09/2023	03/10/2023	03/09/2023		<u>055000-7-R2 Carport Shop</u> <u>Drawings - 3.9.23.pdf</u> (Current)	designer should specify member connections
Michaela Silva	03/09/2023	03/13/2023		Pending		

Structural Engineers – Since 1957

4338 Belleview Kansas City, MO 64111 (816) 531-4144 FAX (816) 531-8572 BOB D. CAMPBELL & CO., INC.

President Michael J. Falbe, P.E.

Lee S. Johnson, P.E. Steven R. Carroll, P.E. Richard C. Crabtree, P.E. Wayne E. Davis, P.E. Jeffrey L. Wright, P.E. Christopher W. Boos, P.E.

Administrative Manager Paul M. Spena

TRANSMITTAL LETTER

DATE: March 9, 2023

TO: TR,i Architects

ADDRESS: 9812 Manchester Road St. Louis, Missouri 63119

RE: Summit Phase 2

TRANSMITTING:

DESCRIPTION	REMARKS			
055000-7-r2 carport shop drawings				
	REVIEWED			
BDC SHOP DRAWING STAMP COMMEN	ITARY			
This review was performed only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Modifications or comments made on the shop drawings during this review do not relieve the contractor from compliance with the requirements of the plans and specifications. Approval of a specific item does not include approval of the assembly of which the item is a component. Contractor is responsible for: dimensions to be confirmed and coordinated at the job site; information that pertains solely to the fabrication process or to the means, methods, techniques, sequences, and procedures of construction; coordination of the work of all trades; and for performing all work in a safe and satisfactory manner.				
DEFINITIONS				
APPROVED				
Submitted materials appear to satisfy design intent if installed using specified materials in a workmanlike manner. Fabrication and construction may proceed. FURNISH AS CORRECTED Submitted materials appeared basically satisfactory, but minor corrections were indicated by the reviewer. Fabrication and				
construction may proceed if the indicated corrections are included in the materials fabricated and installed prior to fabrication. Resubmittal of shop drawings is not required. REJECTED, REVISE AND RESUBMIT				
Significant errors or omissions were found in the submitted materials; refer to the review comments for detailed comments. The submitted materials do not satisfy design intent and / or specifications. Revise shop drawings to conform to design documents and resubmit for review. RETURNED NOT REVIEWED				
 The materials submitted were not reviewed and are being returned without comments for one or more of the following reasons: The submission contains materials not shown on structural design documents or called for in the structural general notes or applicable specifications. 				
 The submitted materials were inadequate for review either in scope, quality, or sufficient detail. The submitted materials do not require review by the structural engineer of record. 				
 The submitted materials have not been reviewed first by the general specifications and/or do not carry the general contractor's review statements. 				
REVIEWED				
Review is for general compliance with the information provided in the contract documents and for general conformance with the design concepts of the project. Any item noted herein is subject to the requirements set forth in the contract documents.				

BOB D. CAMPBELL & CO., INC.

Structural Engineers

BY: Clark A. Basinger, P.E.

VIA: Emailed by cbasinger@bdc-engrs.com

BDC Project No. TRI2101

Brinkmann				
Employee-Owned			5	
			TRANSMITTAL	
Nick Wintjen, Project Engineer Brinkmann Constructors 11101 Switzer Road, Suite 310 Overland Park, KS 66210		ate:	11/23/2022	
То:				
TR,i Architects	Re	e:	Signature at West Pryor	
Attn: Michaela Silva			2100 NW Lowenstein Dr.	
1790 S Brentwood Blvd			Lee's Summit, MO 64081	
St. Louis, MO 63144	Jo	ob #:	1386	
We are sending:	Transmitted as checked:		Transmitted via:	
Product Data	For Approval			
□ Reports	For Your Use		☑ Via email (PDF)	
Shop Drawings	As Requested		Copies to follow	
□ Samples —	Approved as Submitted		USPS/Ground)	

Other	

Submittal Number

055000-7 R2

Date Submitted

3/9/23

Brinkmann Approval Submittals bearing this stamp have been verified or will be verified as to materials, field measurements and construction criteria related thereto and have been coordinated with the Contract Documents. The Sub-contractor is responsible to the General Contractor for dimensions to be confirmed and correlated at the job site, and for information that pertains to the fabrication process or to the technique of construction and for coordination of the work with all trades.

By: Nick Wintjen Date: 11/23/2022

Brinkmann Comments in Green

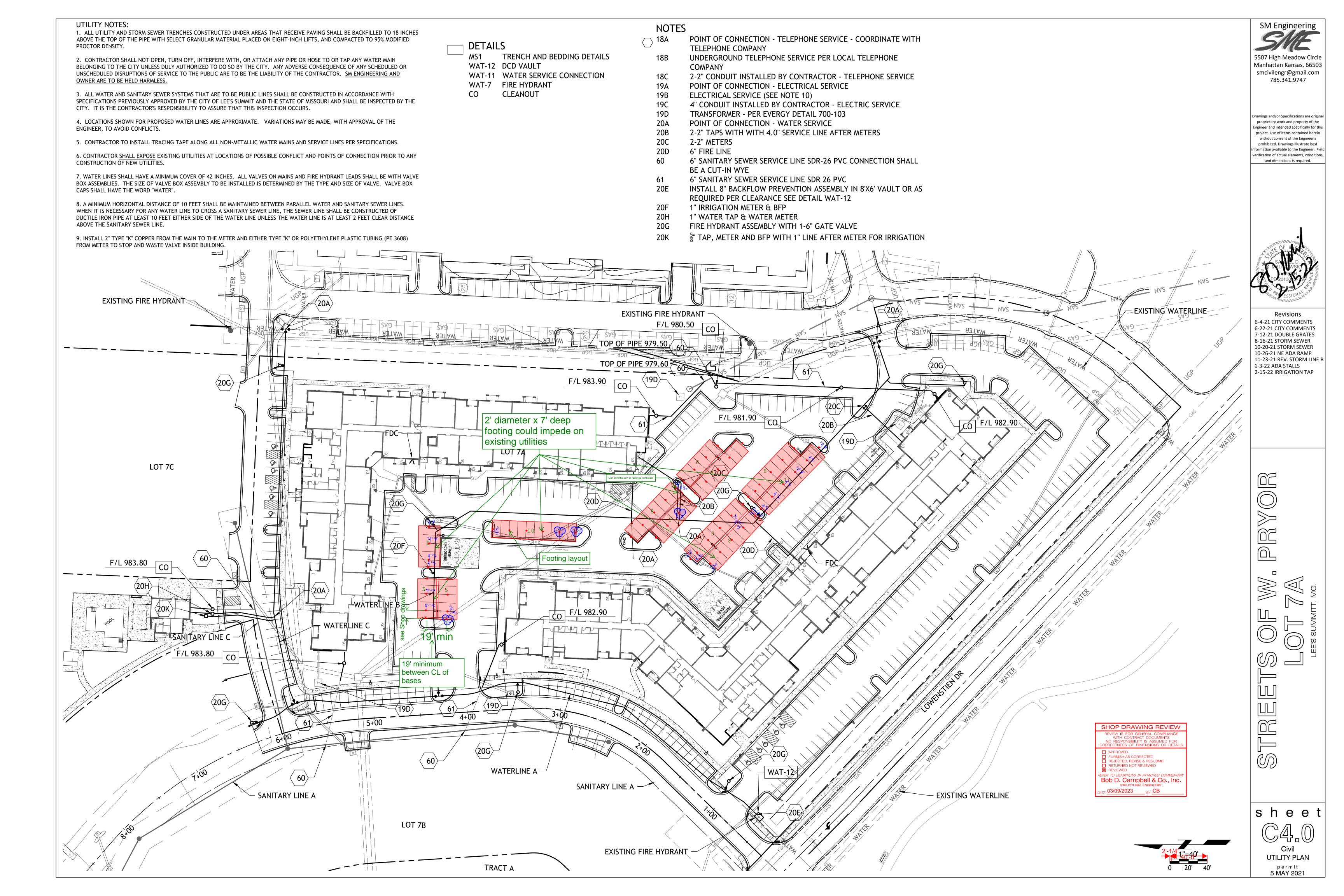
Due Date

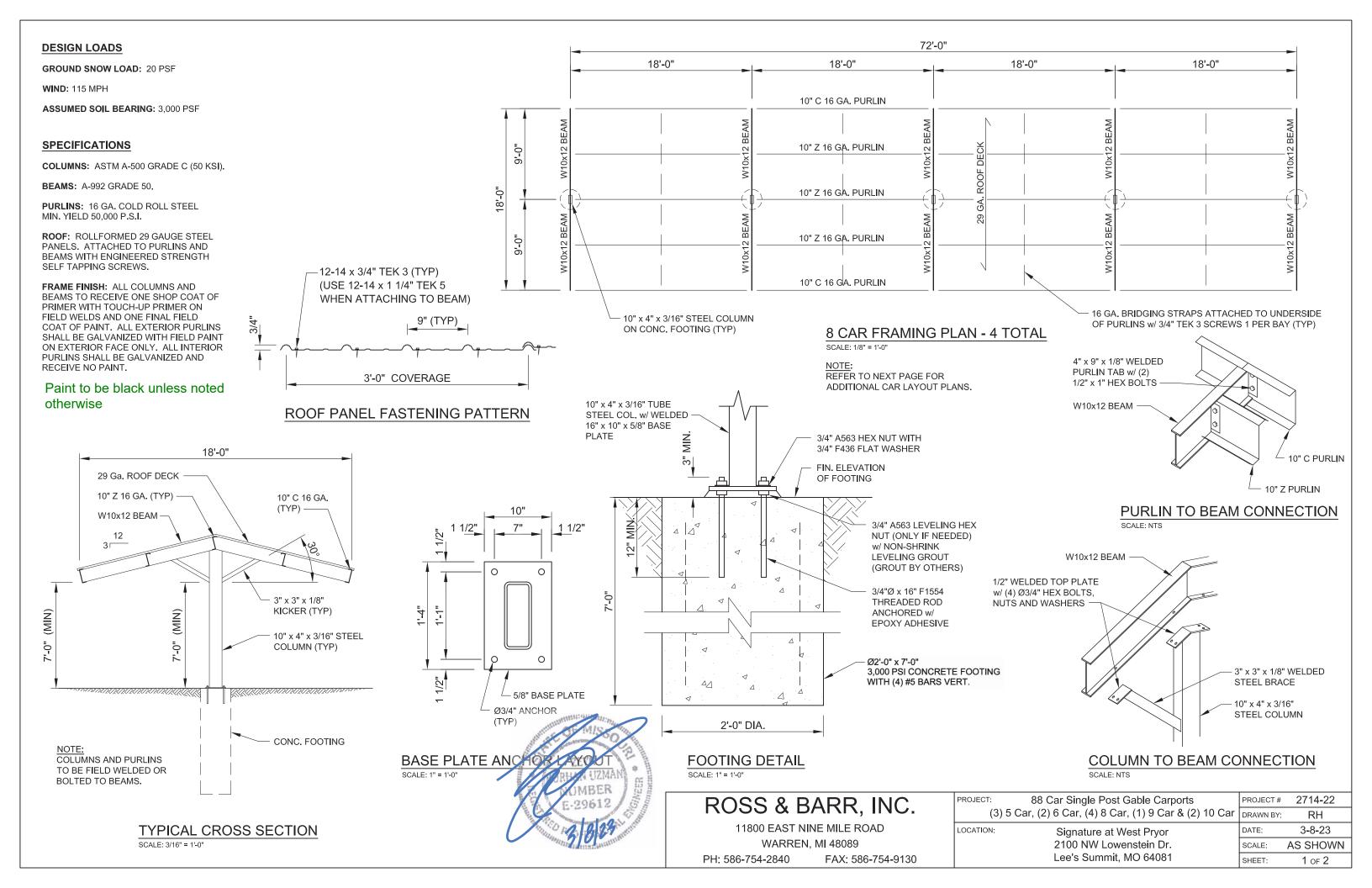
3/10/23

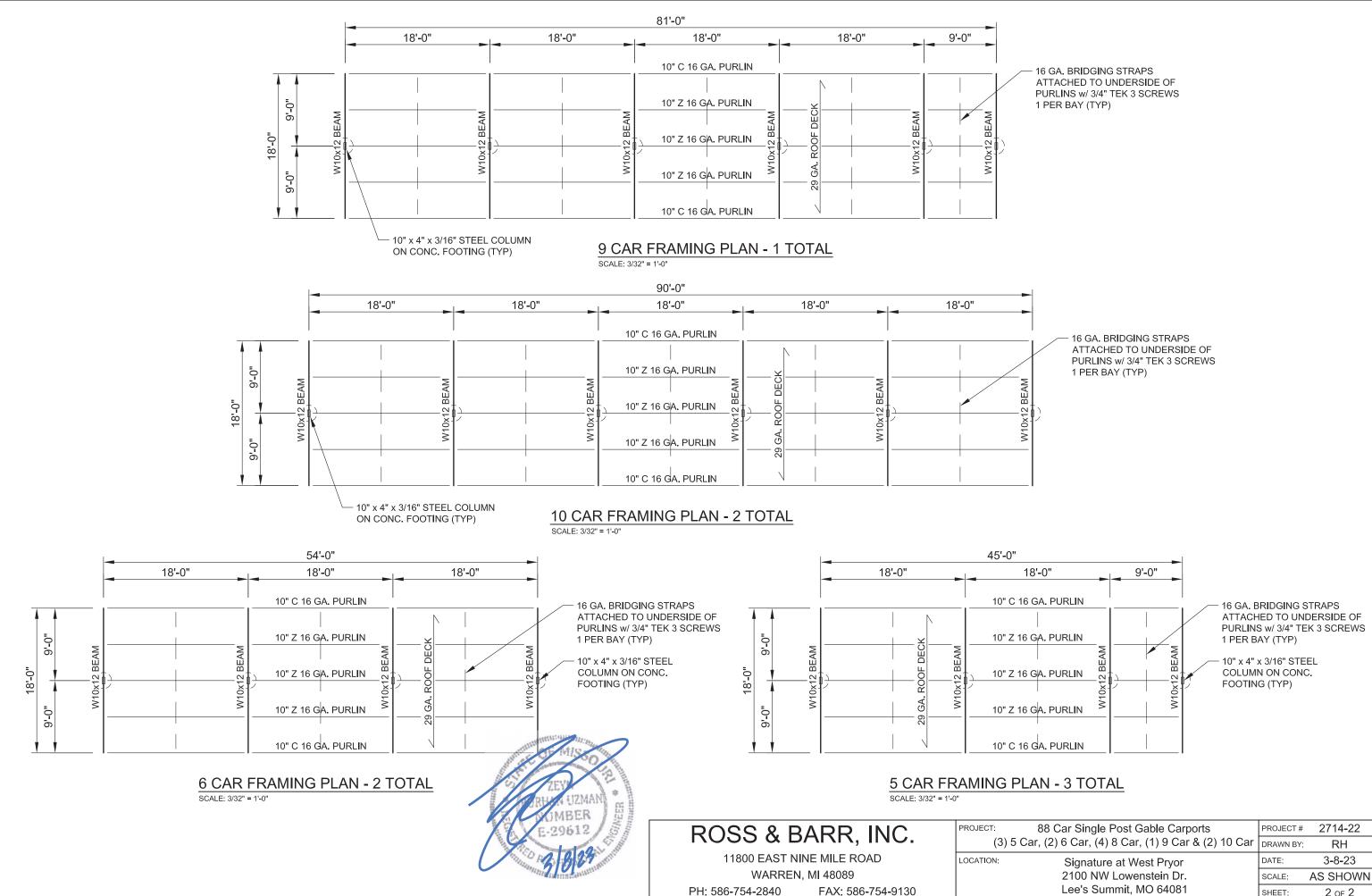
□ Other

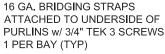
Description

Carport Shop Drawings



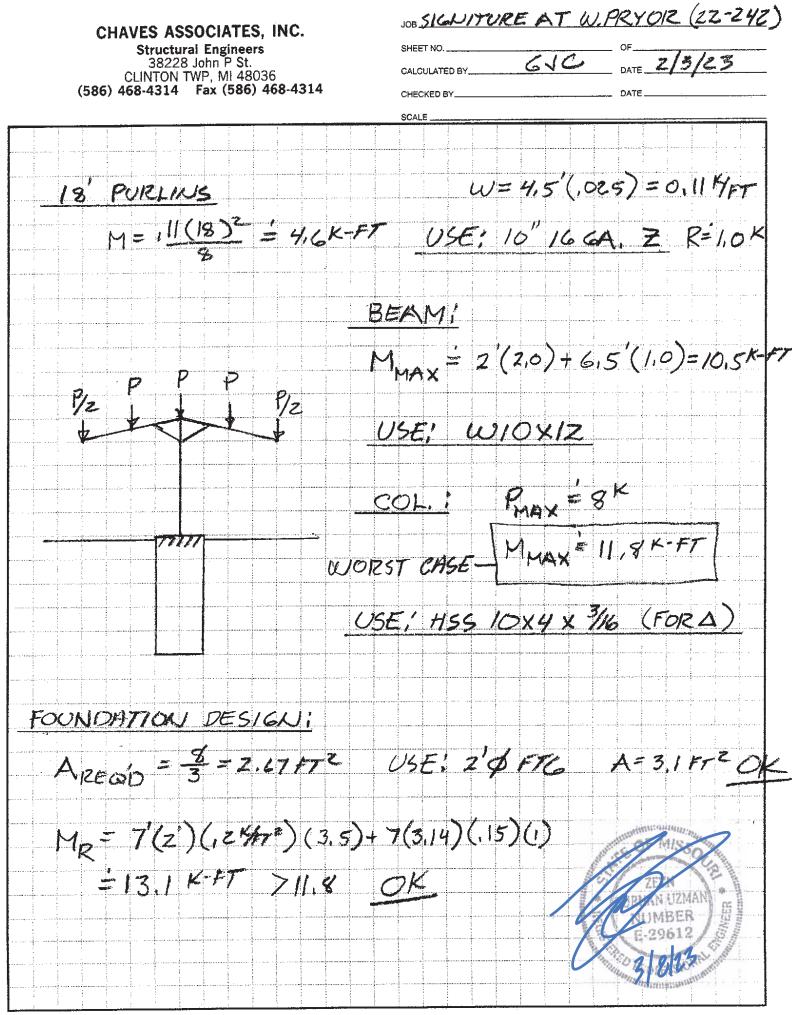






88 Car Single Post Gable Carports	PROJECT #	2714-22
5 Car, (2) 6 Car, (4) 8 Car, (1) 9 Car & (2) 10 Car	DRAWN BY:	RH
Signature at West Pryor	DATE:	3-8-23
2100 NW Lowenstein Dr.	SCALE:	AS SHOWN
Lee's Summit, MO 64081	SHEET:	2 of 2

JOB SIGNITURE AT WI, PRYOR (ZZ-Z4Z) CHAVES ASSOCIATES, INC. Structural Engineers SHEET NO 6.1C DATE 2/3/23 38228 John P St. CALCULATED BY CLINTON TWP, MI 48036 (586) 468-4314 Fax (586) 468-4314 CHECKED BY SCALE Calcs provided as requested STRUCTURAL CALCULATIONS (ASCE 7-16) $p_q = 20 PSF$ SNOW LOAD $P_{MIN} = 18(20) = 16 PSF$ WIND LOAD V=105 MPH p=gnGCw 9 = 0,00256 Kz Kz K V = Kz = 57 Kz = 10 Kd = 185 $g = 0.00256(157)(1)(185)(105)^2 = 13.7 PSF$ G=,85 Cy=1.6 p= 13,7(.85)(1.6) = 18,6 PSF ROOF LOAD DECK 2 PURLINS BEAMS SNOW 20 TOTAL RODHOT 204-1 / Simila Shaate1 205-1 / Por



PRODUCT 294-1 (Sincle Sheers) 205-1 (Padded)

