

1 SITE PLAN

SCALE: 1/32"=1'-0"

NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

Reviewed for Code Compliance

08/25/2026

Harnett COUNTY NORTH CAROLINA

TROY A VERRETT

Digitally signed by TROY A VERRETT
Date: 2026.06.01 12:20:01 -05'00'

LOT AREA	-	-
LOT COVERAGE	-	-
(E) PAVILION	-	1070 SQFT.
(E) BUILDING AREA 1	-	1154 SQFT.
(E) BUILDING AREA 2	-	324 SQFT.

Troy Verrett

CONSULTANTS

Architect

Name: KCA Design Studios Inc
Lic #: 54393
Addr: 7038 Rockridge Lane
Fayetteville, NC, 28306
Phone: 305-748-7291
email: kevincoledesigns@gmail.com
website: https://kcadesignstudios.net

Engineer

Name: xxx
Lic #: xxx
Addr: xxx
xxx
Phone: xxx-xxx-xxxx
email: xxx
website: xxx

Interior Designer

Name: xxx
Lic #: xxx
Addr: xxx
xxx
Phone: xxx-xxx-xxxx
email: xxx
website: xxx

Client

Name: xxx
Addr: xxx
xxx
Phone: xxx
Email: xxx

REVISIONS

No.	Date	Action
	-	

PROJECT NAME
CAROLINA LAKES PAVILION
912 CAROLINA WAY, SANFORD, NC 27332, USA

DRAWING NAME
SITE PLAN

Drawn By	KC
Checked By	KC
Issue Date	2026-05-28
Scale	As indicated
Job No.	0001

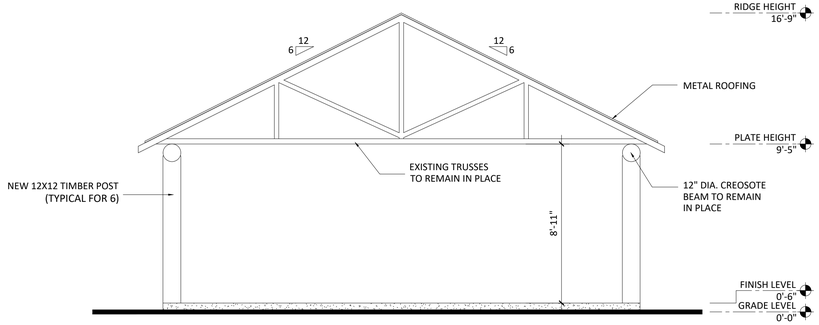
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SEAL

TROY VERRETT REGISTERED ARCHITECT SEAL 17272 NORTH CAROLINA NEW ORLEANS, LA

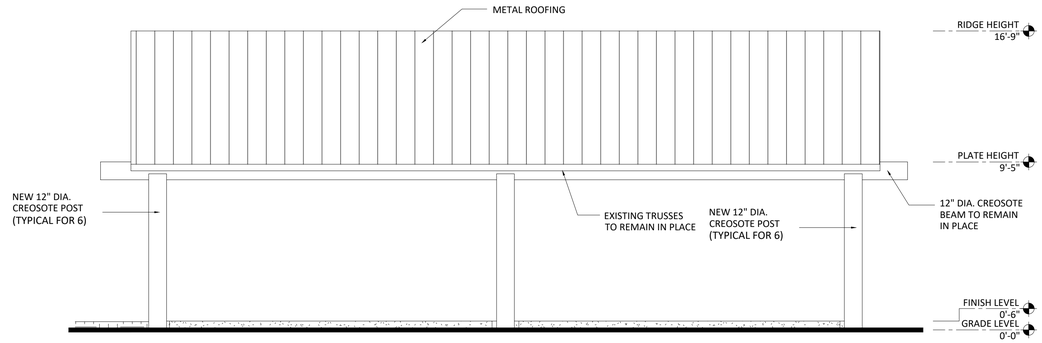
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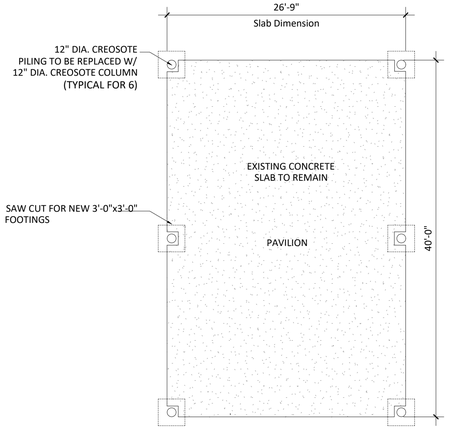
1 PAVILION - FRONT ELEVATION

SCALE: 1/8"=1'-0"



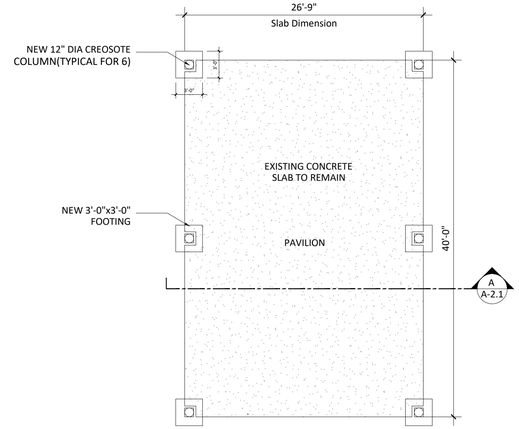
2 PAVILION - LEFT ELEVATION

SCALE: 1/8"=1'-0"



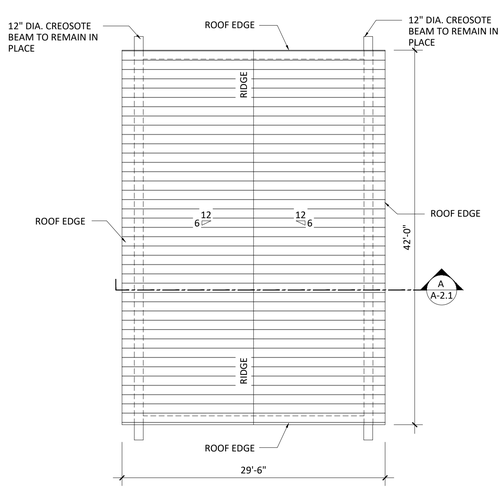
3 PAVILION - EXISTING FLOOR PLAN

SCALE: 1/8"=1'-0"



4 PAVILION - PROPOSED FLOOR PLAN

SCALE: 1/8"=1'-0"



5 PAVILION - ROOF PLAN

SCALE: 1/8"=1'-0"

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DRAWING NAME

PLAN, ROOF PLAN & ELEVATIONS

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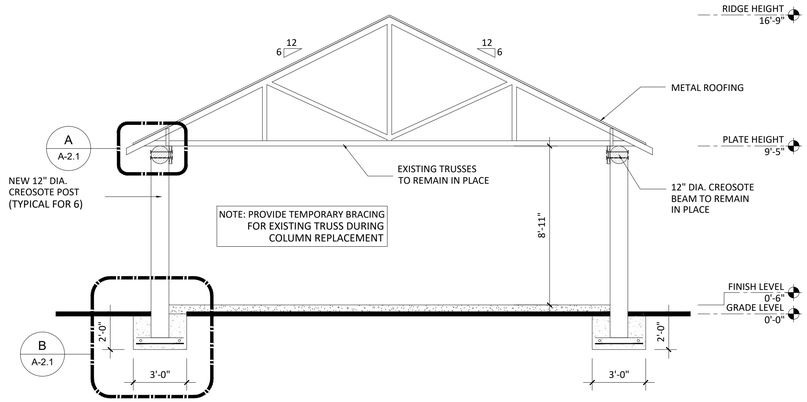
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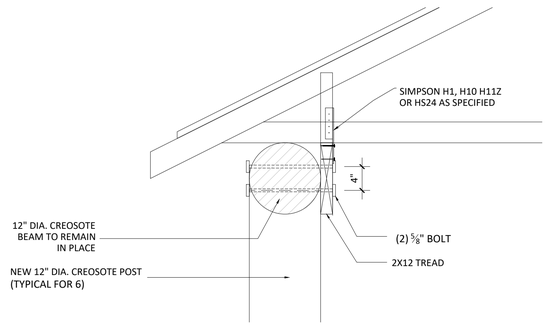
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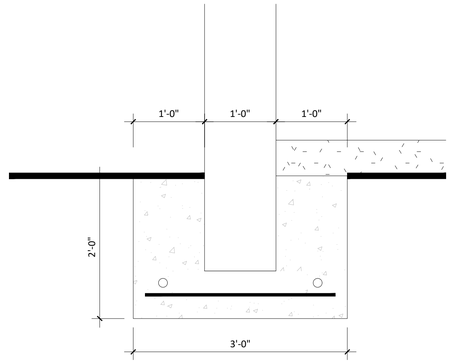
1 PAVILION - SECTION A

SCALE: 1/8"=1'-0"



2 DETAIL A

SCALE: 1"=1'-0"



3 DETAIL B

SCALE: 1"=1'-0"

GENERAL STRUCTURAL NOTES

1. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING & STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE & SEQUENCE & TO INSURE THE SAFETY OF THE BUILDING & ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIEDOWNS WHICH MIGHT BE NECESSARY. SUCH MATERIAL SHALL REMAIN THE CONTRACTOR'S PROPERTY AFTER THE COMPLETION OF THE PROJECT.
2. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES & REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
3. SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THE GENERAL STRUCTURAL NOTES, THE SPECIFICATIONS, OR WITH EACH OTHER, THE STRICTEST PROVISION SHALL GOVERN.
5. SPECIFICATIONS: UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION AND ERECTION SHALL BE GOVERNED BY THE LATEST REVISIONS OF:
   A. NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION
   B. U.S. PRODUCT STANDARD PS-1 FOR CONSTRUCTION AND INDUSTRIAL PLYWOOD
   C. APA DESIGN/CONSTRUCTION GUIDE - RESIDENTIAL AND COMMERCIAL.
6. CONNECTIONS:
   A. JOISTS TO BEAMS - 16 GA. STD. JOIST HANGERS, UNLESS SHOWN OTHERWISE
   B. SHEATHING TO JOISTS/TRUSSES: FLOORS - GLUED AND NAILED - USE 6D RING OR SCREW SHANK NAILS AT 6" O/C AT PANEL EDGES AND 10" O/C AT INTERMEDIATE SUPPORTS. USE ADHESIVES MEETING APA SPECIFICATIONS APG-01 AND APPLIED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. ROOFS - USE 6D NAILS AT 6" O/C AT PANEL EDGES AND 12" O/C AT INTERMEDIATE SUPPORTS.
7. MISCELLANEOUS:
   A. USE ON LINE OF SOLID BLOCKING OR CROSS BRIDGING AT 4'-0" O/C MAX., FOR ALL JOISTS AND RAFTERS. USE SOLID BLOCKING AT BEARINGS.
   B. USE SOLID BLOCKING AT MID-HEIGHT FOR ALL EXTERIOR STUDWALLS AND INTERIOR BEARING PARTITIONS.
   C. USE DOUBLE STUDS UNDER BEAM AND LINTEL BEARING, UNLESS SHOWN OTHERWISE.
   D. APPLY CONTINUOUS BEAD OF GLUE ON JOISTS AND GROOVE OF TONGUE-AND-GROOVE PANELS.
   E. BEFORE APPLYING FINISH FLOORING, SET NAILS 1/8" BUT DO NOT FILL, AND LIGHTLY SAND ANY SURFACE ROUGHNESS, PARTICULARLY AT JOINTS AND AROUND NAILS.
   F. PROVIDE BRIDGING AS PER LOCAL CODES.

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL SHALL CONFORM TO THE NINTH EDITION OF THE ALLOWABLE STRESS DESIGN (ASD) "MANUAL OF STEEL CONSTRUCTION" OF THE AISC.
2. UNLESS OTHERWISE NOTED, ALL MATERIALS SHALL BE IN ACCORDANCE WITH THE FOLLOWING ASTM SPECIFICATIONS:

MEMBER	ASTM	MIN. STRENGTH
STRUCTURAL TUBING	A500 GRADE B	46 KSI (YIELD)
STEEL PIPE	A53 GRADE B	35 KSI (YIELD)
ROLLED PLATES AND SHAPES	A992 GRADE 50	50 KSI (YIELD)
CONNECTION BOLTS	A490	150 KSI (TENSILE)
ANCHOR BOLTS (GALVANIZED)	A307	60 KSI (TENSILE)
THREADED RODS	A36	58 KSI (TENSILE)

NONSHRINK GROUT: ESCOWELD 7505E / 7530 EPOXY GROUT
COMPRESSIVE STR: 14,000 PSI
TENSILE STR: 2,100 PSI
MODULUS OF ELASTICITY = 1.8 x 10 PSI 9

3. ALL WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1 USING E70XX ELECTRODES. UNLESS OTHERWISE NOTED, PROVIDE CONT. MIN. SIZED FILLET WELDS PER AISC REQUIREMENTS. ALL FILLER MATERIAL SHALL HAVE A MINIMUM YIELD STRENGTH OF 58 KSI.
4. WHERE CONTINUOUS MEMBERS ARE INDICATED, THE STEEL FABRICATOR SHALL SUBMIT A BOLTED CONNECTION DETAILS FOR SPLICES FOR APPROVAL.
5. HOLES IN STEEL SHALL BE DRILLED OR PUNCHED. ALL SLOTTED HOLES SHALL BE PROVIDED WITH SMOOTH EDGES. BURNING OF HOLES AND TORCH CUTTING AT THE SITE IS NOT PERMITTED.
6. THE STRUCTURAL STEEL ERECTOR SHALL PROVIDE ALL TEMPORARY GUYING AND BRACING.
7. COLUMNS, ANCHOR BOLTS, BASE PLATES, ETC. HAVE BEEN DESIGNED FOR THE FINAL COMPLETED CONDITION AND HAVE NOT BEEN INVESTIGATED FOR POTENTIAL LOADINGS ENCOUNTERED DURING STEEL ERECTION AND CONSTRUCTION. ANY INVESTIGATION OF THE COLUMNS, ANCHOR BOLTS, BASE PLATES, ETC. FOR ADEQUACY DURING THE STEEL ERECTION AND CONSTRUCTION PROCESS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
8. STEEL FABRICATORS SHALL BE AN AISC CERTIFIED SHOP FOR STEEL STRUCTURES AND MAINTAIN DETAILED QUALITY CONTROL PROCEDURES AS REQUIRED TO SATISFY THE SPECIAL INSPECTION REQUIREMENTS OF AISC. ALTERNATIVELY, NON-CERTIFIED FABRICATORS MUST SUBMIT PROOF OF AT LEAST 5 YEARS EXPERIENCE IN FABRICATION OF THIS TYPE OF STRUCTURE. PROOF MUST INCLUDE VERIFIABLE REFERENCES FROM PAST CLIENTS.
9. UNLESS OTHERWISE NOTED, ALL EXPOSED STRUCTURAL STEEL SHALL BE SHOP PRIMED IN ACCORDANCE WITH SSPC AND PROJECT SPECIFICATIONS. PIPE COLUMNS TO BE SHOT BLASTED AND PRIMED BY SPECIALTY PAINT CONTRACTOR IN ACCORDANCE WITH ARCHITECTURAL REQUIREMENTS.
10. PROTECTIVE COATINGS DAMAGED DURING THE TRANSPORTING, ERECTING AND FIELD WELDING PROCESSES SHALL BE REPAIRED IN THE FIELD TO MATCH THE SHOP APPLIED COATING.
11. FOR FIELD WELDS, PRIOR TO WELDING, REMOVE COATING AT WELD LOCATION. SURFACE SHALL BE RE-COATED AFTER COMPLETION OF FIELD WELDING.
12. THE OWNER WILL HIRE AN INDEPENDENT TESTING AGENCY TO PROVIDE SPECIAL INSPECTIONS OF BOLTING, WELDING AND OTHER ITEMS IN ACCORDANCE WITH AISC.
13. FOR PIPE COLUMN DESIGNATIONS, SW = STANDARD WEIGHT; XS = EXTRA STRONG.
14. STRUCTURAL STEEL FABRICATOR TO PROVIDE DESIGN FOR ALL CONNECTIONS NOT DETAILED ON THESE PLANS. CONNECTIONS NOT INDICATED AS MOMENT CONNECTIONS (MC), ARE TO BE SHEAR ONLY CONNECTIONS.

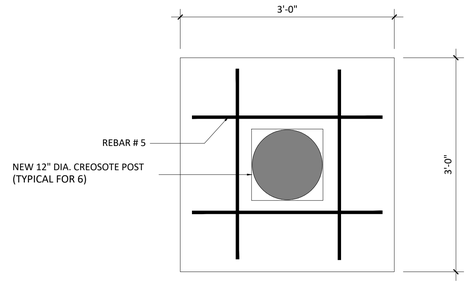
CONCRETE WORK

1. LAP SPLICES AND EMBEDMENT LENGTHS FOR REINFORCING STEEL SHALL BE IN ACCORDANCE WITH A.C.I. "MANUAL OF STANDARD PRACTICE, DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" - A.C.I. 318, 315, AND IN ACCORDANCE WITH CRSI STANDARDS.
   A. COMPRESSION EMBEDMENT LENGTH SHALL BE 20Db. COMPRESSION LAP SPLICES SHALL BE 30Db, UNLESS OTHERWISE INDICATED.
   B. OTHER BARS ARE ALL BARS EXCEPT TOP BARS. CLEAR DISTANCE BETWEEN ADJACENT LAYERS OF REINFORCEMENT SHALL BE 2" MINIMUM UNLESS OTHERWISE NOTED.
   C. CLASS OF LAP SPLICE SHALL BE TYPE "B" UNLESS OTHERWISE NOTED.
   D. SPLICE LENGTHS SHALL BE BASED ON THE SMALLER BAR BEING LAPPED.
2. THE CONTRACTOR WILL BE ALLOWED TO MAKE SPLICES IN ADDITION TO THOSE INDICATED ON THE DRAWINGS, WHERE ESSENTIAL TO CONSTRUCTABILITY, SUBJECT TO APPROVAL BY THE ENGINEER. SPLICES, OTHER THAN THOSE SHOWN ON THE DRAWINGS AND OTHER THAN ANY ADDITIONAL SPLICES REQ'D. BY THE ENGINEER, WILL BE AT THE CONTRACTOR'S EXPENSE
3. SUBJECT TO THE APPROVAL OF THE ENGINEER, BARS MAY BE SHIFTED SLIGHTLY OR BENT IN THE FIELD WHERE NECESSARY TO AVOID OPENINGS, PIPES, EMBEDDED ITEMS AND OTHER OBSTRUCTIONS.
4. HOOKS AND BENDS IN REINFORCEMENT SHALL BE IN ACCORDANCE WITH A.C.I. 318-89.
5. MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE:
   A. CAST AGAINST EARTH MIN. COVER = 3"
   B. CAST AGAINST FORMWORK MIN. COVER = 2"
6. CAST-IN-PLACE CONCRETE

LOCATION	F'c @ 28 DAYS (PSI)	MAX W/C (RATIO)	MAX SLUMP (INCHES)	WEIGHT (PCF)
FIRST FL. SLAB	4,000	0.40	4	145 (N.W.)
CONC. ON MTL. DECK	3,000	0.50	7	115 (L.W.)
ALL OTHER	4,000	0.45	5	145 (N.W.)

FOUNDATION PREPARATION

1. REFER TO RELATED BUILDING DRAWINGS FOR WALL LOCATIONS, PLUMBING AND ELECTRICAL RISERS, EMBEDDED ITEMS, ETC. SUPPORT ALL PLUMBING AND ELECTRICAL WORK BELOW SLAB(S) WITH CONCRETE ENCASED STAINLESS STEEL HANGERS AT 8' O.C. MAX. AND AT ALL BENDS AND RISERS.
2. SUITABLE FILL SHALL BE FREE OF TRASH, LUMPS, HUMUS, PIECES OF WOOD OR ANY OTHER DELETERIOUS MATERIAL.
3. CONTRACTOR TO REMOVE EXISTING SLAB(S), FOUNDATIONS, AND SUBSOIL AND COMPACT NEW SUITABLE FILL AS NECESSARY. THERE SHALL BE SUITABLE GRANULAR FILL PLACED BENEATH ALL PAVEMENTS AND FOUNDATION IN THICKNESS INDICATED IN THE DETAILS, BUT NO LESS THAN 6" THICK. CLEARING AND COMPACTION SHALL OCCUR IN DRY CONDITIONS ONLY.
4. SUITABLE FILL SHALL BE PLACED BENEATH PILE SUPPORTED SLABS IN LIFTS NO GREATER THAN 18 INCHES AND DOZER COMPACTED.
5. EXCAVATION DEPTHS SHOWN ON THE DRAWINGS ARE APPROXIMATE. ALL EXCAVATION AND BACKFILL NECESSARY SHALL BE INCLUDED IN THE BID REGARDLESS OF SUBSOIL CONDITIONS, WATER TABLE FLUCTUATIONS, WEATHER CONDITIONS, ETC. CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING GROUNDWATER CONTROL SYSTEMS (PUMPS, SHORING, ETC.).



4 FOOTING DETAIL

SCALE: 3/4"=1'-0"

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