

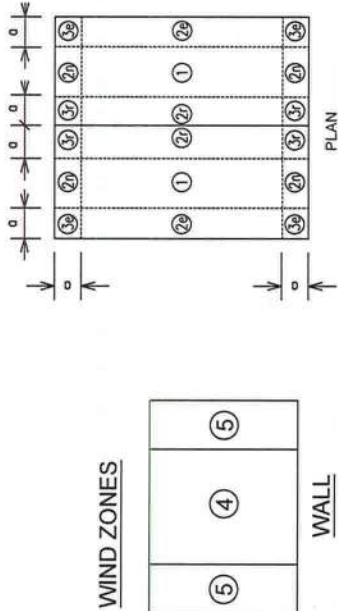
STRUCTURAL NOTES

1. DESIGN CODE DATA

2. DESIGN LOADS:
 ROOF DEAD LOADS: 10 PSF
 ROOF LIVE LOADS: 20 PSF

WIND LOAD: 140 MPH 3 SECOND GUST
NOMINAL DESIGN WIND SPEED: 108 MPH
INTERNAL PRESSURE COEFFICIENT: 0.0 (OPEN)
RISK CATEGORY 1 BUILDING (THIS STRUCTURE IS DESIGNED AS AN
UNINHABITABLE STRUCTURE AND SHALL NOT BE CONVERTED TO A
HABITABLE WITHOUT PRIOR APPROVAL FROM ENGINEER OF RECORD)
EXPOSURE CATEGORY B
BASE VELOCITY PRESSURE: 25.97 PSF

COMPONENTS AND CLADDING					
	ROOFS	DESIGN PRESSURE (ULF)		DESIGN PRESSURE (ASD)	
		POSITIVE (PSF)	NEGATIVE (PSF)	POSITIVE (PSF)	NEGATIVE (PSF)
	TRIBUTARY AREA 10 SF				
	ZONE 1	16.7	35.3	10.0	21.2
	ZONE 2	16.7	59.2	10.0	35.5
	ZONE 3	16.7	89.0	10.0	53.4
	TRIBUTARY AREA 100 SF				
	ZONE 1	16.7	32.3	10.0	19.4
	ZONE 2	16.7	38.2	10.0	22.9
	ZONE 3	16.7	38.2	10.0	22.9
	WALLS	DESIGN PRESSURE		DESIGN PRESSURE	
	TRIBUTARY AREA 10 SF				
	ZONE 4	32.3	35.0	19.4	21.0
	ZONE 5	32.3	43.0	19.4	25.8
	TRIBUTARY AREA 100 SF				
	ZONE 4	30.0	33.0	18.0	19.8
	ZONE 5	30.0	36.7	18.0	22.0



Gable and Flat Roofs $7^\circ < \theta < 45^\circ$

These buildings are designed for an Exposure B location only. Prior to issuing a building permit, it is the responsibility of the plan reviewer to verify if these plans are being utilized to construct a building in an Exposure B location. These plans are not to be used for any locations that are in Exposure C or D categories.

5. THE STRUCTURE IS DESIGNED TO FUNCTION AS A UNIT UPON COMPLETION. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING AND FURNISHING ALL TEMPORARY BRACING AND/OR SUPPORT THAT MAY BE REQUIRED AS THE RESULT OF THE CONTRACTOR'S CONSTRUCTION METHODS AND/OR SEQUENCES. THE STRUCTURAL ENGINEER ASSUMES NO LIABILITY FOR THE STRUCTURE DURING CONSTRUCTION.

6. THE CONTRACTOR IS RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION AND ALL JOB SITE SAFETY.

7. VERIFY ALL DIMENSIONS PRIOR TO THE START OF CONSTRUCTION - DO NOT SCALE DRAWINGS.

8. CONCRETE
FOOTING AND FOUNDATION WALL
SLAB ON GRADE
ALL OTHER CIP CONCRETE
CONCRETE REINFORCING STEEL
3,000 PSI @ 28 DAYS
3,000 PSI @ 28 DAYS
3,000 PSI @ 28 DAYS
60 KSI ASTM A615

9. STEEL
ANGLES, PLATES, AND CHANNELS
36 KSI, ASTM A36

ALL BOLTS SHALL BE GRADE 5 OR EQUAL
BOLTS @ RIDGE (PEAK): (SEE TABLE S105)
BOLTS @ TRUSS TO POST CONN (SEE TABLE S105)

WELDING ELECTRODES E70XX

10. WOOD
2x8 AND SMALLER

Fb
Ft
Fv
FcL
FcI
E
Emin

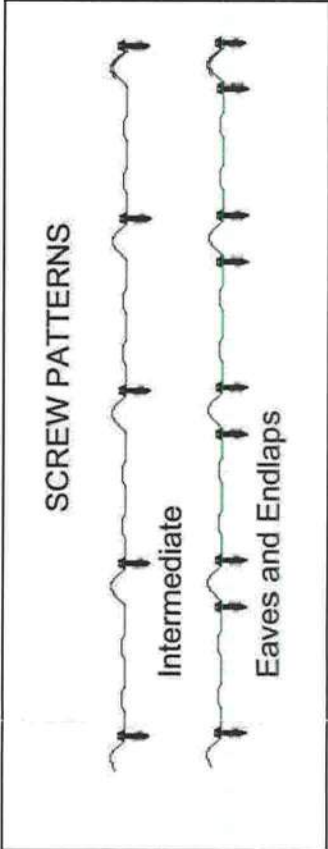
6x6 OR 8x8 OR 10x10 WD POST

MINIMUM DESIGN VALUES

Fb
E

11. ROOF & WALL SHEATHING
METAL PANELS SHALL BE 26 GA. x 3'-0" WIDE w/ 5 RIBS (ROOF)

SCREWS SHALL BE: PER ROOF MFG.



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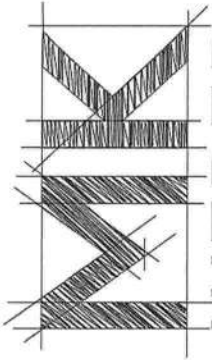
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EOR: MICHAEL K. WEBER P.E. STRUCTURAL ENGINEER FLORIDA P.E. # 75798		DRAWN BY: CHECKED BY: PLOT DATE:	
JOB NUMBER: TYPICAL OPEN POLE BARN PLANS FOR: BACKWOODS BUILDINGS & TRUSS 1240 SOUTH BLVD. CHIPLEY, FL 32428		SHEET TITLE GENERAL STRUCTURAL NOTES	
DRAWN BY: CHECKED BY: PLOT DATE:		DRAWN BY: CHECKED BY: PLOT DATE:	



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3/22/23
J. W. W. W. W.

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REV.	DESCRIPTION	DATE			
	Typical Open Pole Barn Plans for:				
	Backwoods Buildings & Truss				
	1240 South Blvd.				
	Chipley, FL 32428				

JOB NUMBER:	23005-1
RAWN BY:	DAW
CHECKED BY:	MKW
LOT DATE:	1/4/2023
SHEET TITLE	

FOUNDATION TABLE EXPOSURE "B"

DRAWING NUMBER
S102

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REV.	DESCRIPTION
	Typical Open Pole Barn Plans for: Backwoods Buildings & Truss 1240 South Blvd. Chipley, FL 32428

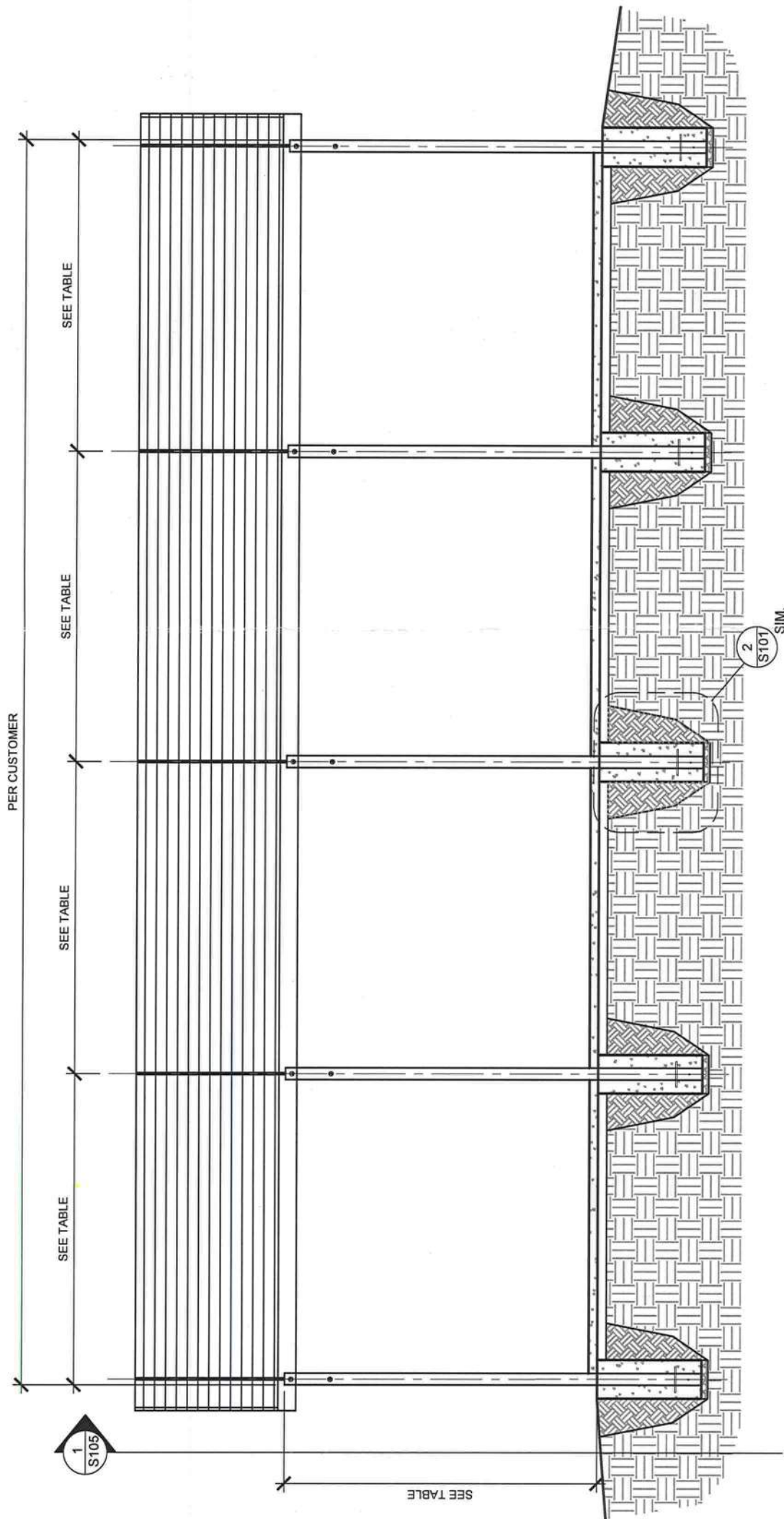
JOB NUMBER:	23005-1
RAWN BY:	DAW
CHECKED BY:	MKW
LOT DATE:	2/16/2023

SIDE ELEVATION

DRAWING NUMBER

S103

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1 FRAMING ELEVATION
3/16" = 1'-0"





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REV.	DESCRIPTION	DATE

Typical Open Pole Barn Plans for:
Backwoods Buildings & Truss
1240 South Blvd.
Chipley, FL 32428

JOB NUMBER:	23005-
DRAWN BY:	DAW
CHECKED BY:	MKV
PLOT DATE:	3/21/202

SHEET TITLE
SECTION & TRUSS DETAILS

DRAWING NUMBER
S104

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