

DAVID CHANDLER
717-503-9270

794 Silas Moore Rd. Coats, NC 27521

0.30.21 Horse barn
40x40
stick built
roof framing
unguarded
unguarded
trusses

SHOP DRAWING GENERAL INFORMATION PAGE

CODES & STANDARDS

Building Code:	2012/2015/2018/2019 IRC, 2012 IBC
ESR Report number:	ESR-1662 August 2018
3rd Party Inspection Agency:	PFS Corporation, Madison WI
Quality Assurance Manual:	Superior Walls of America 2005 Edition
Site Preparation Guide:	Superior Walls Builder Guideline Booklet Rev. June 2018
Fire Test Standards:	ASTM E119 ANSII/UL 1715

WALL MATERIALS

Concrete Compressive Strength:	Min. 5,000 PSI
water/cement Ratio:	<0.40
Reinforcing Steel:	No. 4 and larger - 60,000 PSI No. 3 and smaller - 40,000 PSI
Secondary Reinforcement:	Polypropylene Fiber
Embedded Wood Blocking	Preservatively Pressure Treated
EPS Foam Insulation:	Flame Spread: 20 Smoke Development: 240
XPS Foam Insulation:	Flame Spread: 5 Smoke Development: 165

SITE/WALL CONDITIONS

Frost Depth:	Min. 12 inches
assumed Soil Bearing Capacity:	2,000 PSF
Seismic Category:	A, B, C
Basic Wind Speed:	155 maximum PSF
Wall Loading:	7,500 Pounds/LF (uniform) Maximum
Brickledge Loading:	2,900 Pounds/LF Maximum
Crushed Stone Footing Depth:	Min. 6 inches thick or more (see table in Builder Guideline Booklet Table R403.4)
Crushed Stone Size:	3/4 inch and smaller (cleaned)
Backfill Material:	100 LB/CF Equivalent Fluid Pressure Max (see Builder Guideline booklet for more information)
Beam Pocket(s) & Point Load(s):	38,000 Pound Maximum - Data supplied by Customer/Builder (see plan for location and sizes)

GENERAL NOTES

- Jobsite shall be prepared by the builder in accordance with the Superior Walls of America builder Guideline Booklet - Site Preparation and Framing Attachment Requirements (Rev. January 2016).
- Auxiliary drain pipe must be four (4) inch diameter perforated, covered with filter fabric and directed to a sump pit or daylight.
- Builder shall establish the elevation benchmark (if necessary)
- Builder shall insure proper site access for trucks and crane.

INSTALLATION NOTES

- Installation shall be supervised by a Superior Walls certified installer. Certification is obtained through Superior Walls of America, Ltd.
- Installation shall comply with Superior Walls of America's Installation Manual (Rev. July 2011).

DRAWING NOTES

- All measurements for brick, stone, or support ledges are from Top Of Wall (TOW).
- Drawings are not to scale.

DAMP PROOFING

Superior Walls are recognized by the ICC-ES as an alternative method of providing foundation wall damp proofing. No additional damp proofing is required. (See ESR-1662 & ICC-ES Legacy Report 21-72)

PLEASE NOTE

To comply with building code requirements, the framing/decking connections at the top of the Superior Walls and floor slab at the bottom of the Superior Wall MUST be completed PRIOR to backfilling.

CUSTOMER RELEASE

The attached drawing was created from information and dimensions provided by the customer/builder. Superior Walls of North Carolina, Inc. is not responsible for deviations from the Blue Print or information provided by the customer/builder.

I have reviewed the attached drawing & all of the dimensions and objects therein; I understand the the Superior Walls will be custom manufactured per this drawing specifically for my project. By signing below I am certifying that I have reviewed the attached drawing and all of its listed dimensions and I accept FULL RESPONSIBILITY of any and all measurements and information provided by me/my associates/my company.

CUSTOMER MUST SIGN & DATE BELOW

Customer/Builder Signature & Date

PROJECT:

Job Number: _____
 Job Name: Chandler_Barn
 Job Address: 794 Silas Moore Rd
 Lot #: ----

BUILDER:

Company: Chandler
 Contact: _____
 Phone/Email: ---

MUNICIPALITY:

---- County
 COATS, NC



3570 S. Main Street
 Salisbury, NC 28147
 Phone: 704-636-6200
 Toll-Free: 877-896-9255
 www.superiorwallsnc.com

DRAWING DATA:

Job Number: -
 Sales Rep: R. MUSSO

Drawn By: ----

Date Created: Aug. 11, 2021
 Date Modified: Aug. 26, 2021
 Revision: 2

Pages: 5

Superior Walls® FOUNDATION DRAWING

12' WALLS - TOTAL LENGTH: 160'

1/2" DIA. x 6" BOLTS FOR SILL PLATE

#	DESCRIPTION							
6	BRICK LEDGE TOTALING 53'-10"							
40	SLAB CONNECTOR							
ID	#	OBJECT	DESCRIPTION	WIDTH	HEIGHT	FROM TOP OF WALL	FROM BOT OF WALL	MAX HDR CAPACITY
A	1	DOOR	GARAGE DOOR, STYLE 1	120"	96"	44"	4"	1250 PLF
B	1	DOOR	STYLE 1	38"	83"	57"	4"	5500 PLF
C	1	DOOR	GARAGE DOOR, STYLE 1	96"	96"	44"	4"	1950 PLF
D	2	DOOR	GARAGE DOOR, STYLE 1	60"	96"	44"	4"	4820 PLF
E	3	WINDOW	STYLE 1	48"	24"	44"	76"	5500 PLF

PLEASE NOTE:
Adjustments made after sign-offs may incur an additional \$200 service charge

OWNER/BUILDER NOTIFICATION:
BY SIGNING THESE DRAWINGS YOU ARE ACKNOWLEDGING THAT THE WALLS WILL BE BUILT TO THE DIMENSIONS INDICATED ON THESE PLANS, AND THAT YOU ARE ASSUMING ANY AND ALL LIABILITY THAT MAY RESULT FROM THE WALLS BEING MANUFACTURED AS SHOWN

BUILDER CHECK LIST:
-RO'S/DIMS/WALL HEIGHT CORRECT?
-OBJECT OPENINGS CORRECT?
-WOOD BUTTS IND./REQ'D?
-SUPPORT/BRICK LEDGES CORRECT?
-EXTRA SUPPORT IND. FOR PT. LOAD?

SIGNATURE: _____
DATE: _____

THESE DRAWINGS ARE APPROVED FOR FINAL PRODUCTION AS ILLUSTRATED AND NOT SUBJECT TO CHANGE.

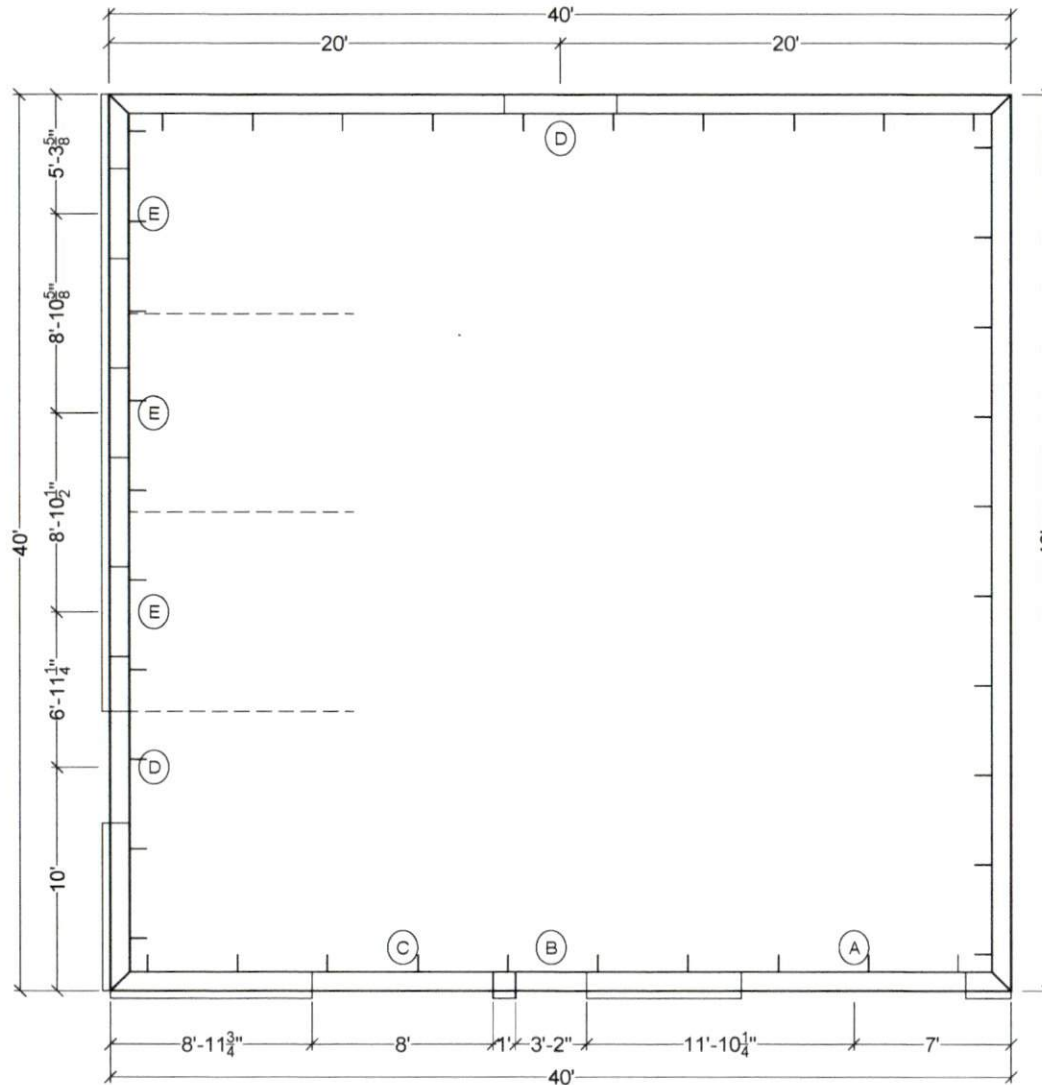
CUSTOMER SIGNATURE: _____ DATE: _____

Superior Walls
of North Carolina
3570 S. Main Street
Salisbury, NC 28147
Phone: 704-636-6200
Toll-Free: 877-896-9255

REV	DATE	BY	JG	JG
1	08-11-21			
2	08-26-21			

PROJECT: **Chandler Barn**
BUILDER: **Chandler**

STATUS:	ISSUED FOR APPROVAL
SALESMAN:	R. Musso
FILENAME:	Chandler_Barn
SHEET TITLE:	SUMMARY
SHEET NO:	2 of 5



R. MUSSO
CHANDLER
794 SILAS MOORE RD

12' Walls

MIN STONE DEPTH
FOR 2,000 PSF SOIL BEARING
1-STORY - 6"
2-STORY - 8"
3-STORY - 14"

Shear walls may be required,
refer to builder guideline
booklet for more information

Top of wall slab detail
per builder guideline
book must be adhered to

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REV.	DATE	BY
1	08-11-21	JG
2	08-26-21	JG

PROJECT: **Chandler Barn**
BUILDER: **Chandler**

STATUS: **ISSUED FOR APPROVAL**

SALESMAN: **R. MUSSO**

FILENAME: **Chandler_Barn**

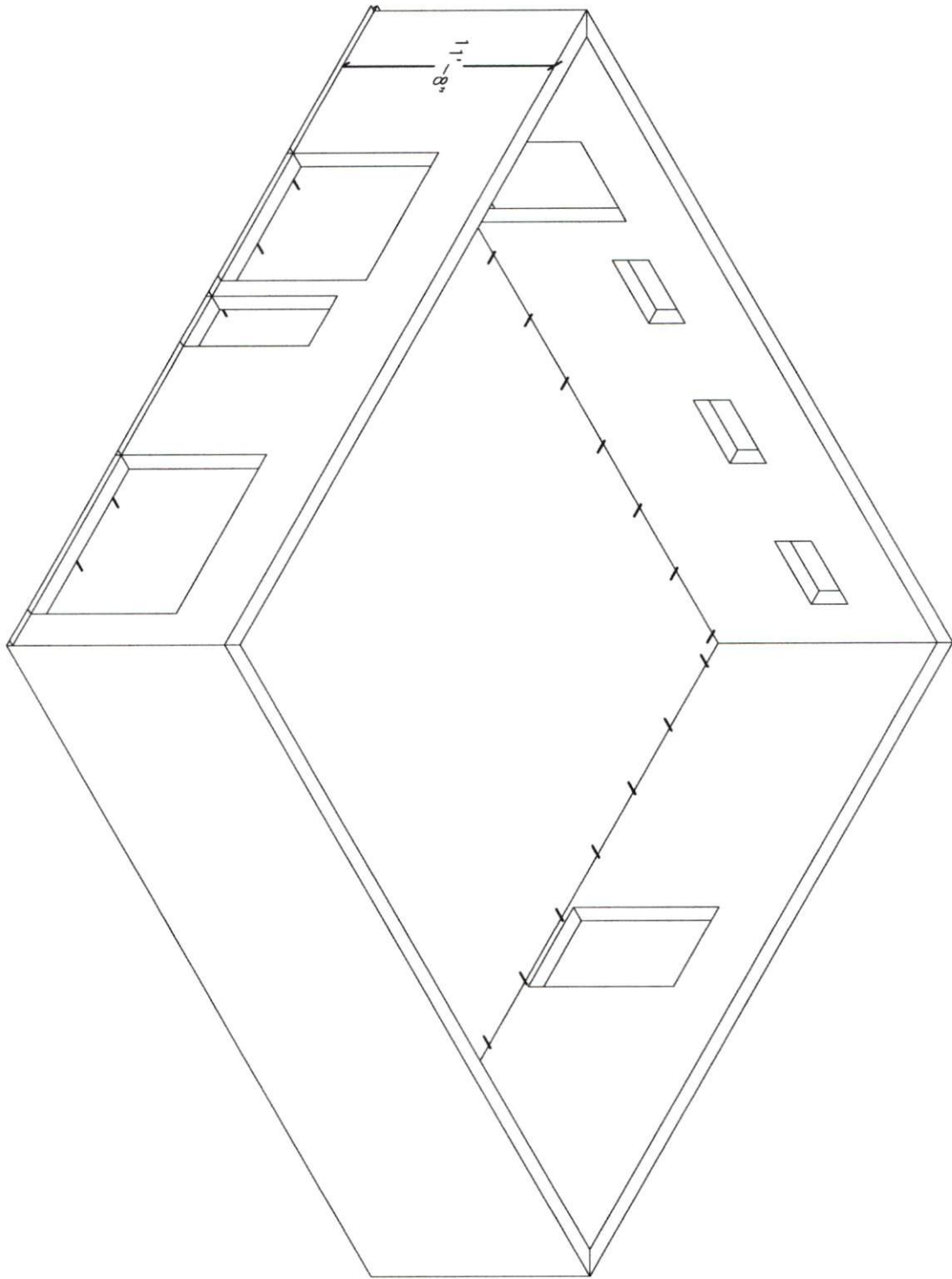
SHEET TITLE:
PLAN W/O DIMS

SHEET NO **3 of 5**

CUSTOMER SIGNATURE: _____ DATE: _____

CUSTOMER SIGNATURE: _____

DATE: _____

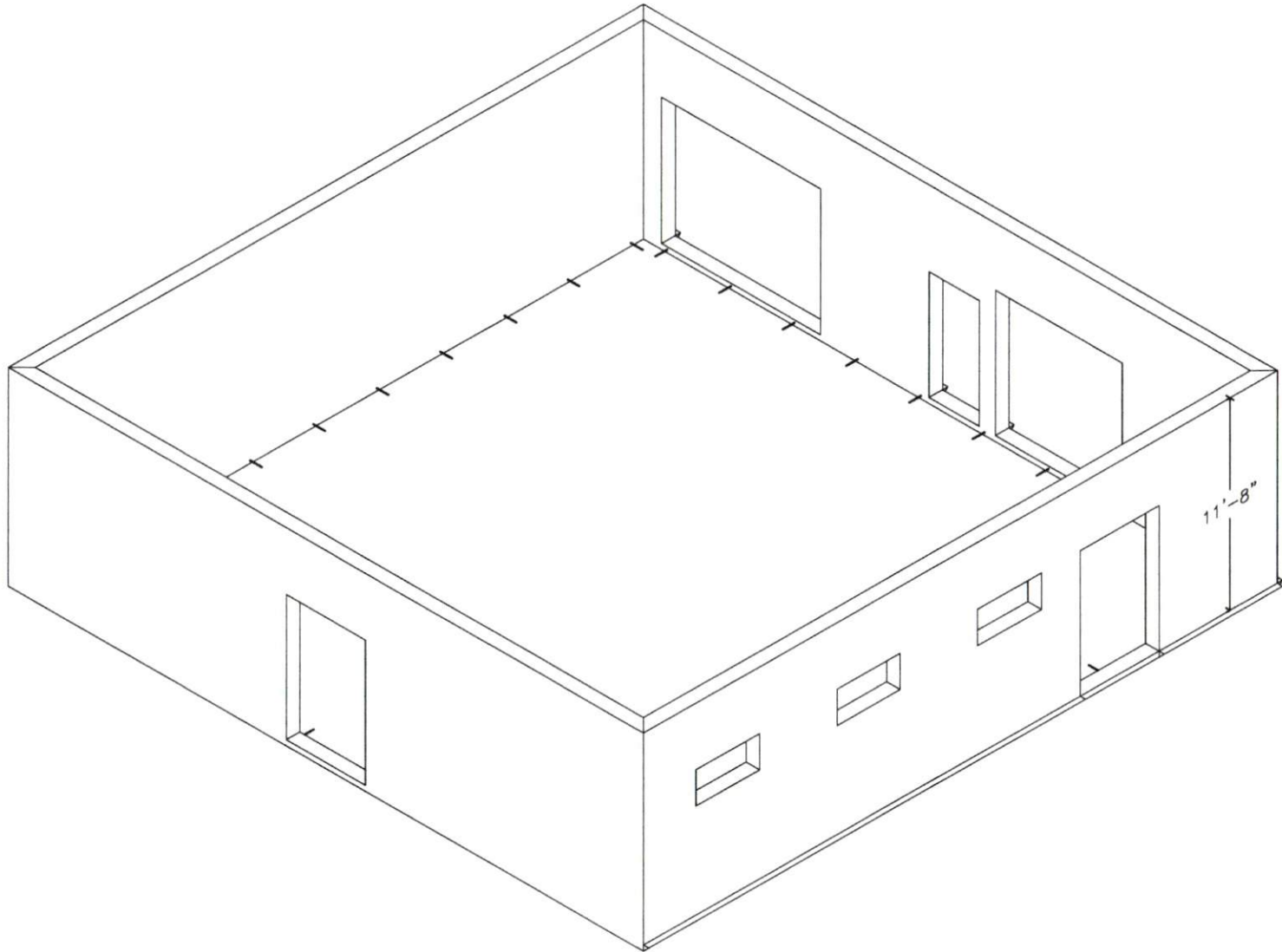


SHEET NO. 4 of 5
SHEET TITLE
ISOMETRIC 1
FILENAME: chandler Barn.dwg
DRAFTER: R. MUSSO

PROJECT: Chandler Barn
Chandler
BUILDER:

REV.	DATE	BY
1	08-11-21	JG
2	08-26-21	JG

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REV	DATE	BY
1	08-11-21	JG
2	08-26-21	JG

Chandler Barn
Chandler

PROJECT
 BUILDER

STATUS: ISSUED FOR
 APPROVAL

SALESMAN: R. Musso

FILENAME: Chandler_Barn

SHEET TITLE:
 ISOMETRIC 2

SHEET NO 5 of 5

CUSTOMER SIGNATURE: _____ DATE: _____