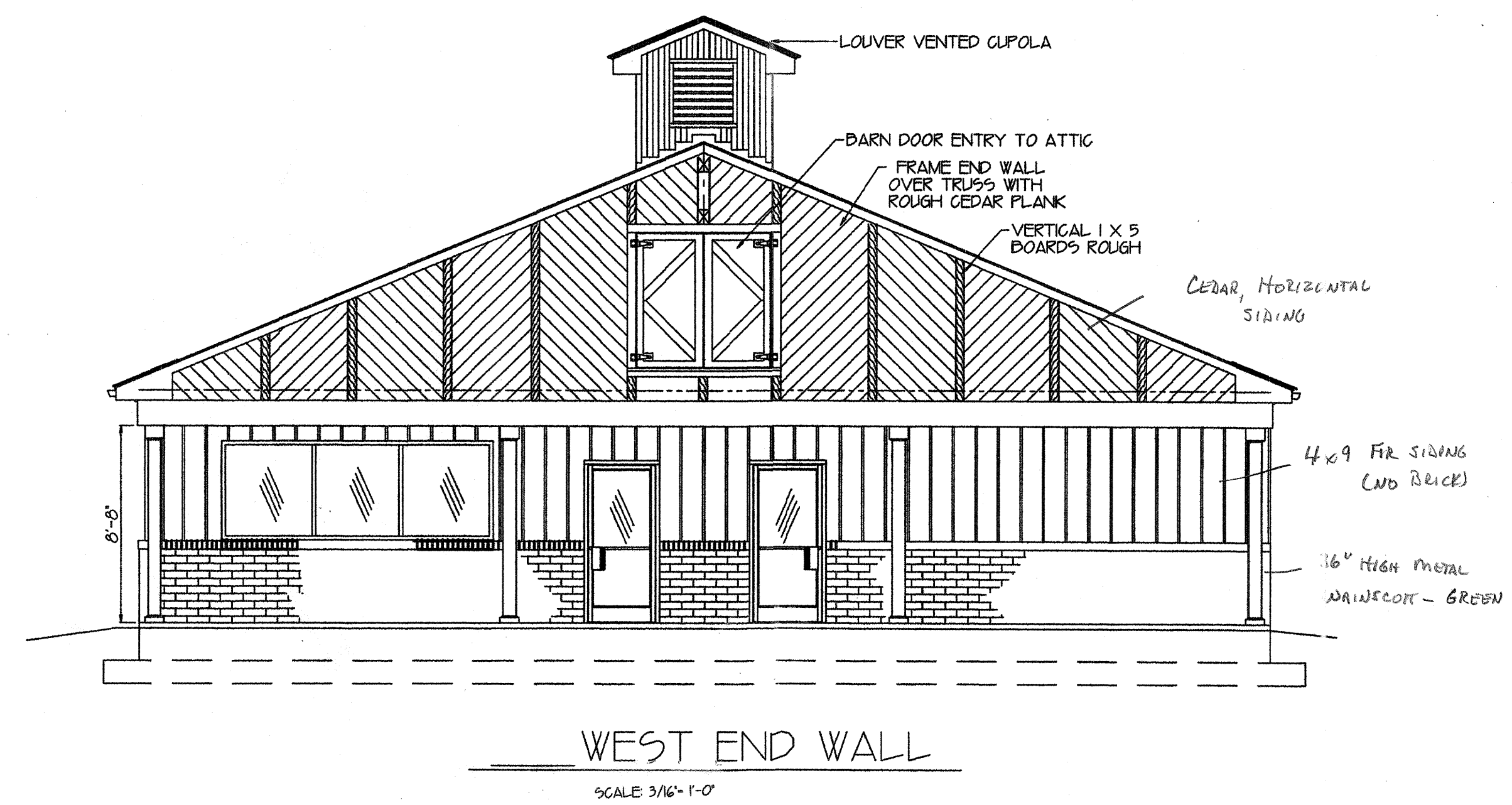
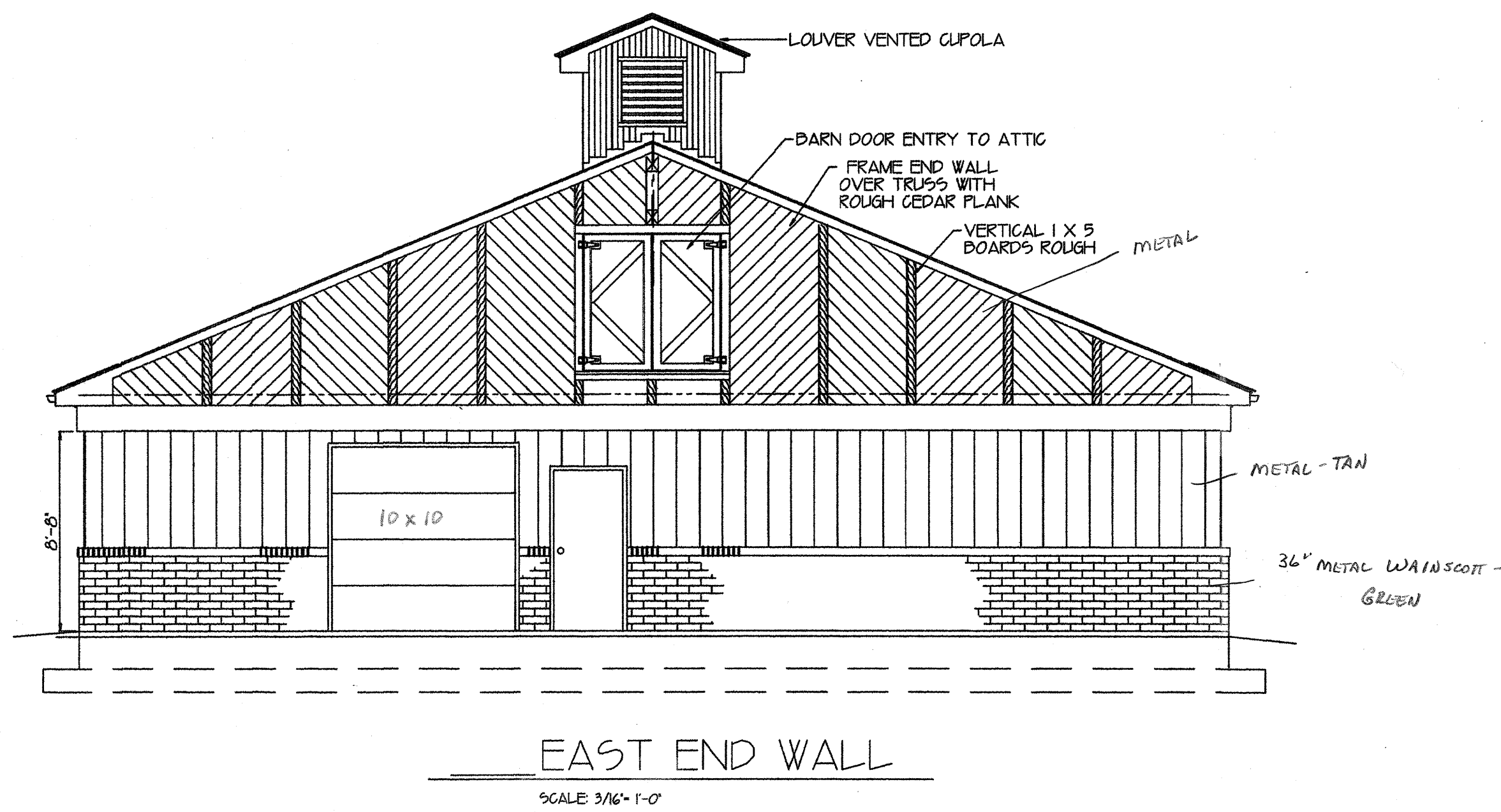
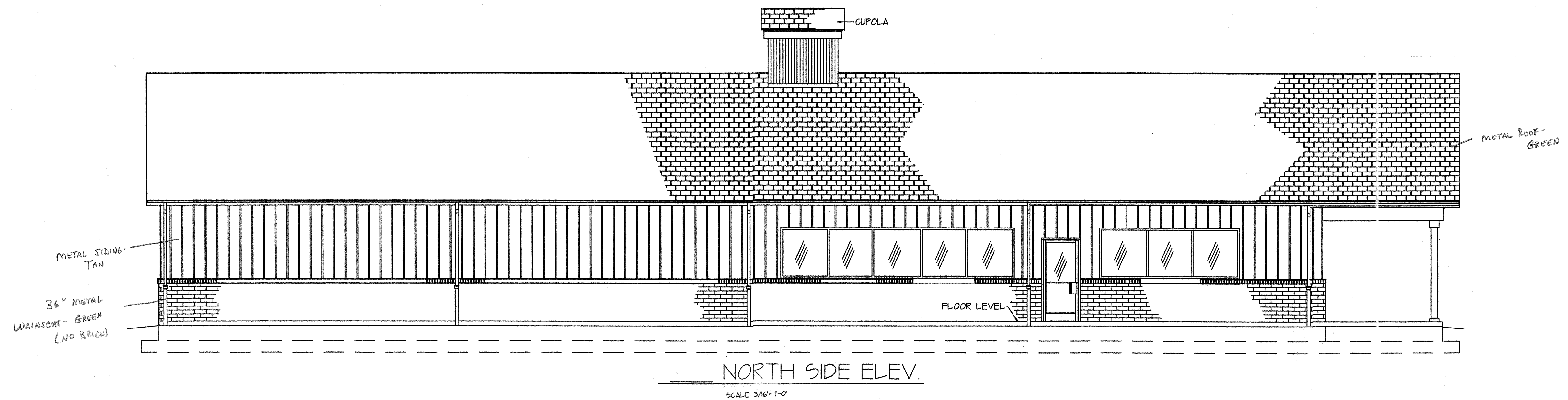
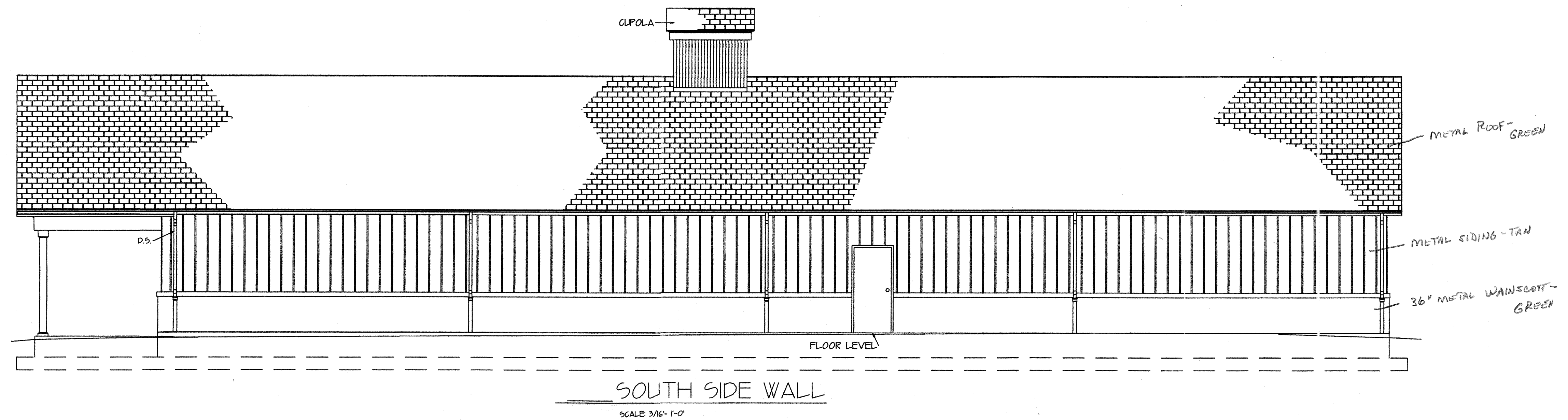
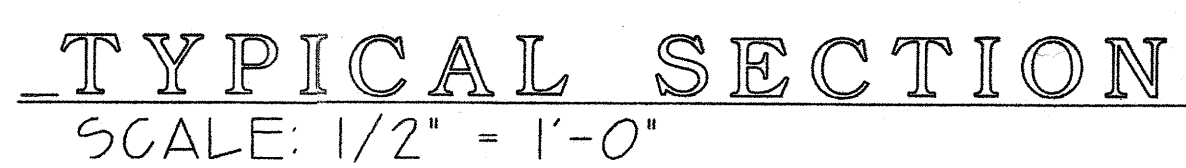


Jesse Cahill 2879 VIRGINIA AVE. COLLINGSVILLE, VA.		LILLY PAD STORE	
TITLE:			
FLOOR PLAN			
JOB: STORE BUILDING			JOB NO.
LOCATION 319 T. B. STANLEY HIGHWAY			
SCALE: 1/4" = 1'-0"	DATE: 09-02-19	DRAWN BY: B. GILBERT	APPROVED:
REVISED BY:	CODE:	DESCRIPTION:	DATE:
			SHEET NO. A-1 FILE NO.



Jesse Cahill		LILLY PAD STORE	
TITLE			
ELEVATIONS & DETAILS			
JOB: STORE BUILDING			
LOCATION: 319 T. B. STANLEY HIGHWAY			
SCALE: 3/16\" 1'-0"	DATE: 09-30-19	DRAWN BY: B. GILBERT	APPROVED:
REVISED BY:	CODE:	DESCRIPTION:	DATE:

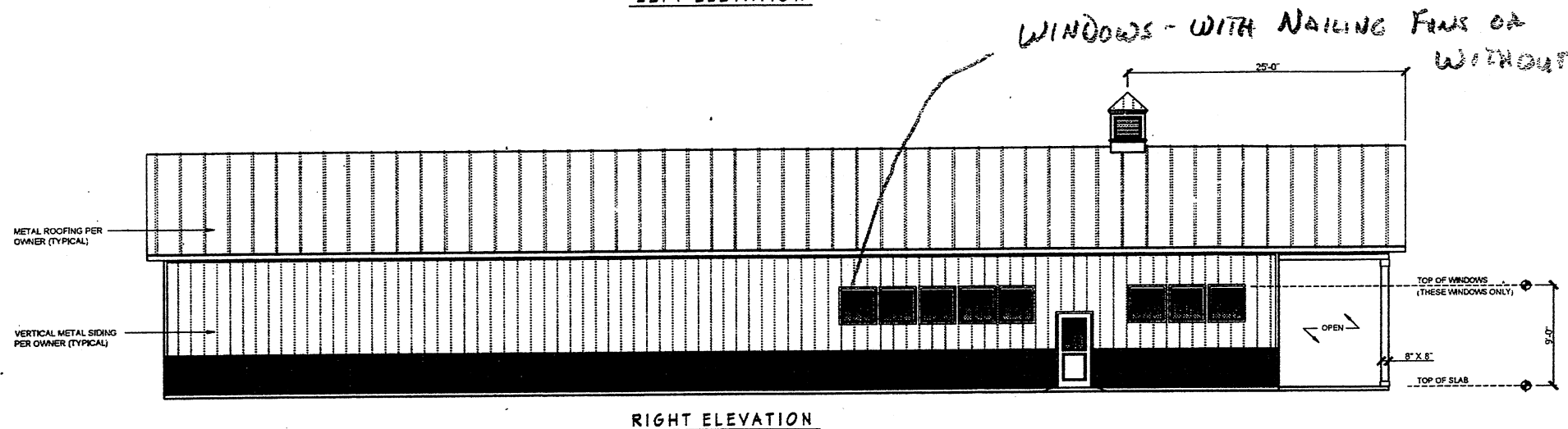
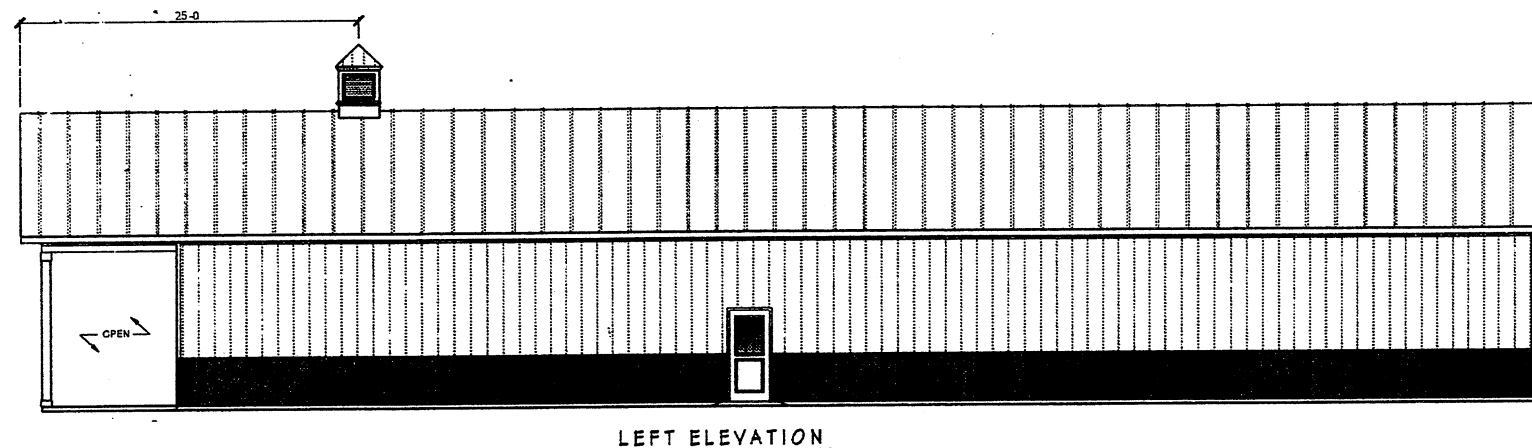
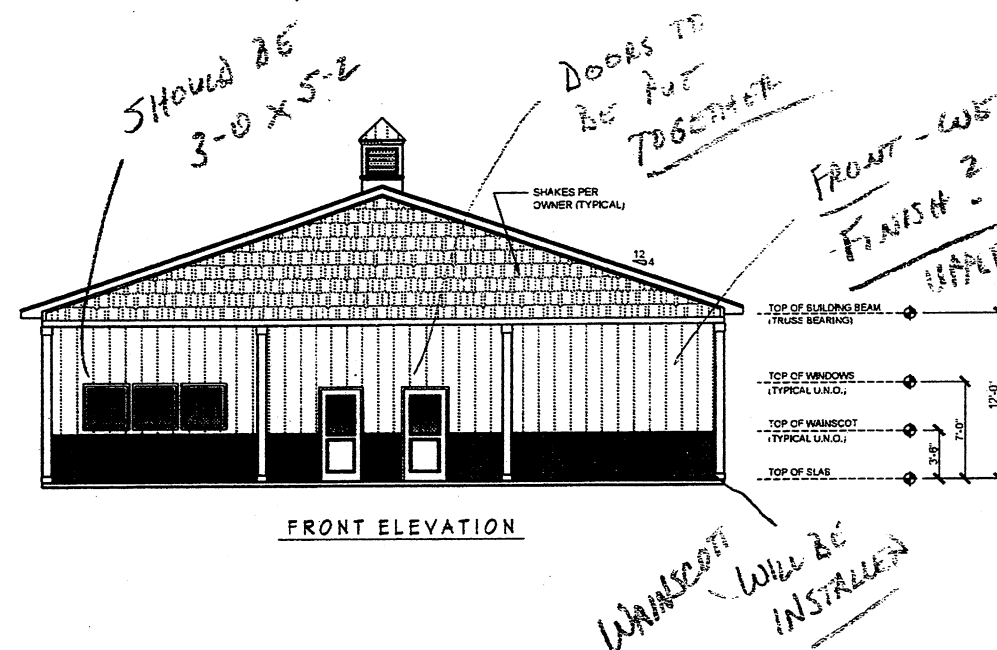
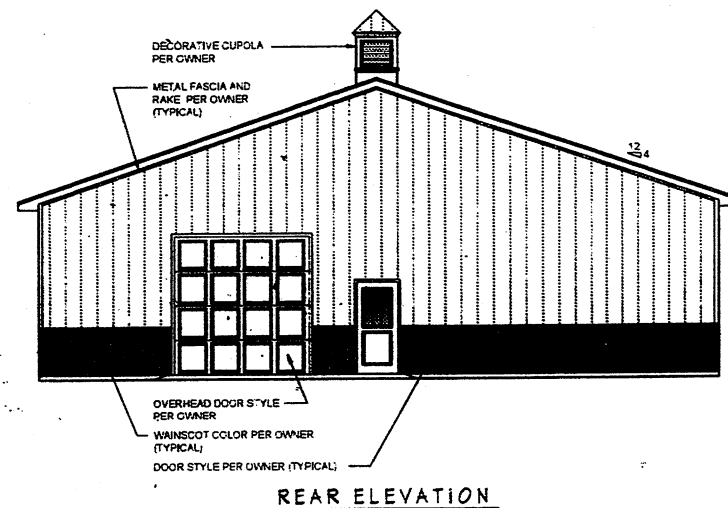


LILLY PAD PROJECT Jesse Cahill 2879 VIRGINIA AVE. COLLINSVILLE VA.			
TITLE: TYPICAL WALL SECTION			
JOB: STORE BUILDING			JOB NO.
LOCATION: 39 T. B. STANLEY HWY.		STANLEYTOWN, VA 24055	
SCALE: 1/2" = 1'-0"	DATE: 08-19-2019	DRAWN BY: B. GILBERT	APPROVED:
REVISED BY:	CODE:	DESCRIPTION:	DATE:
			SHEET NO.
			A - 3
			FILE NO.

PRINTER NOTE: DRAWINGS PRINTED TO SCALE ON 24" w X 18" l PAPER SIZE

ELEVATION NOTES

- 1) GRADE SHOWN ON ELEVATIONS DO NOT NECESSARILY REFLECT THE TOPOGRAPHY OF A SPECIFIC LOT. THEY ARE FOR DIAGRAMMATIC PURPOSES ONLY AND MAY VARY. CONTRACTOR TO COORDINATE ANY UNFORESEEN TOPOGRAPHICAL ISSUES BEFORE CONSTRUCTION.
- 2) WINDOW GRILLS SHOWN ARE TO SCHEMATICALLY EXPRESS DESIGN INTENT. VERIFY ACTUAL GRILLS WITH OWNER AND MANUFACTURE.
- 3) GUTTERS & DOWN SPOUTS ARE NOT SHOWN FOR CLARITY. COORDINATED WITH OWNER FOR STYLE, COLORS AND DOWNSPOUT LOCATIONS



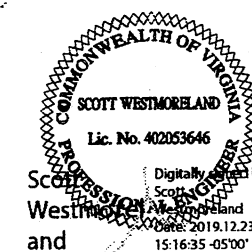
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DESIGNER
Phone: (704) 253-8680
email: DTHomeDesigns@gmail.com

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Phone: (704) 819-6415
email: Scott@Solidrockstructural.com

SQUARE FOOTAGE

HEATED	4500 S.F.
PORCH	500 S.F.
Total Under Roof - 5000 S.F.	

REVISIONS

No.	Date	By	Description

Drawn By: DRG Issue Date: 12.23.19

A POLE BARN FOR:
CAHILLS LILLY PAD INC.

319 T B Stanley Hwy.
Bassett, VA 24055

Plan Name/Number
2019-195

Sheet Title:
EXTERIOR
ELEVATIONS

SCALE 1/8" = 1'-0"

Sheet No

S1.0

NOTE: DRAWINGS PRINTED TO SCALE ON 24" W X 18" L PAPER SIZE

FOUNDATION NOTES

1. Concrete shall be a minimum of 2,800 psi in 28 days unless noted otherwise.
2. Concrete exposed to weather shall be a minimum of 4,000 psi in 28 days with 4% to 5% air entrainment unless noted otherwise.
3. Formwork in 100% concrete shall be removed within 24 hours of placement.
4. All rebar splices shall be a minimum of 2'-0" unless otherwise noted.
5. For retaining walls without facing see special design on drawing.
6. Water and moisture protection:
 - (a) provide foundation waterproofing where exterior grade is above crawl space or basement slab and install 4" polyisocyanurate insulation and slope to outside dry well or natural drainage course.
 - (b) all building exterior surface penetrations with potential exposure to weather shall be flashed and caulked as per local code and/or industry-standard construction techniques.
7. All framing in contact with masonry or concrete shall be pressure treated.

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Phone (704)-253-8080
eMail DTHomeDesigns@gmail.com

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SQUARE FOOTAGE

HEATED	4500 S.F.
PORCH	500 S.F.
Total Under Roof - 5000 S.F.	

REVISIONS

No	Date	By	Description

Drawn By DRG Issue Date 12.23.19

A POLE BARN FOR
CAHILLS LILLY PAD INC.

319 T B Stanley Hwy.
Bassett, VA 24055

Plan Name/Number:

2019-195

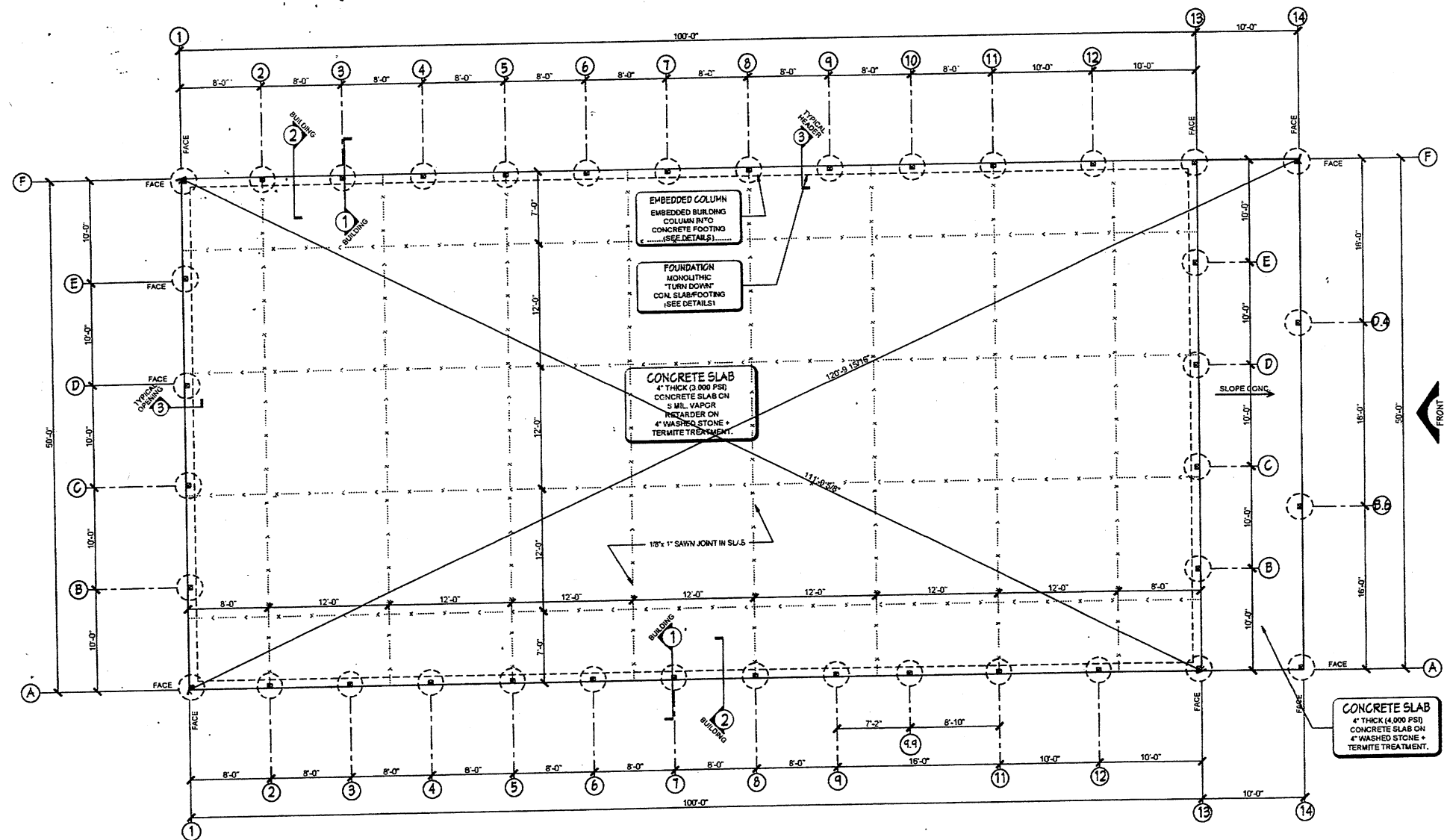
Sheet Title:

FOUNDATION PLAN

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

Sheet No.

S2.0



FRAMING NOTES:

1- All Lumber to be Spaced-Pref-Fr #2 unless noted otherwise.

2- US Laminated veneer lumber (LVL) beams are specified based on the following design values:
 Rb=2800 psi, E=2,000,000 psi, Fv=285 psi, Fcparp=3200 psi, Fcparp=750 psi. Fasten either nail or bolt, multiply LVL together per the manufacturer's requirements.
 Dimensional Lumber is specified based on the following design values:
 SPF #2: Rb=875 psi, E=1,400,000 psi, Fv=135 psi, Fcparp=1195 psi, Fcparp=425 psi.
 SYP #2: Rb=720 psi, E=1,600,000 psi, Fv=175 psi, Fcparp=720 psi, Fcparp=585 psi.

3- Structural steel materials shall be:
(a) Shapes and plates: ASTM A 992 (b) Structural Tubes: ASTM A500 Grade B, Fy=42 ksi
(c) Structural pipes: ASTM A53 Grade 8 (d) Metal deck (galvanized): ASTM A661 A446

4- Weld sizes shall be per the following:

WELD SIZES	16d-2X/2.5, 162	12d-2X/2.5, 148	10d-2X/2.5, 148	8d-2X/2.5, 121
GUN HANLS	16d-2X/2.5, 162	12d-2X/2.5, 148 <td>10d-2X/2.5, 148<td>8d-2X/2.5, 121</td></td>	10d-2X/2.5, 148 <td>8d-2X/2.5, 121</td>	8d-2X/2.5, 121
CHANG AND STRAP HANLS TO BE PER, MANUF. SPECS				
SIMPSON N6-1X/0.131	16d-2X/2.5, 162	12d-2X/2.5, 148	10d-2X/2.5, 148	8d-2X/2.5, 121
N10-1X/0.148	16d-2X/2.5, 162	12d-2X/2.5, 148	10d-2X/2.5, 148	8d-2X/2.5, 121

5- Framing plans are diagrammatic in nature and not intended to show exact number or location of members unless so noted.

6- All framing in contact with masonry or concrete shall be pressure treated.

GENERAL NOTES

- 1- These plans should be studied and used in their entirety as information vital to each stage of construction. Information may appear on more than one sheet.
- 2- Contractor assumes all liability for any deviation from the plan not approved by the general contractor.
- 2- All dimensions should be read or calculated but never scaled.
- 4- Verify all conditions and dimensions at site before beginning construction.
- 5- Windows and Doors
 - a) Windows shown as required egress windows shall meet local building codes.
 - b) All glazing in ALL doors and shower enclosures shall be tempered unless otherwise permitted by code.
 - c) Most doors are pre-hung and may vary slightly according to manufacturers.
 - d) Unless noted otherwise, transom heights are nominal and shall be sized to meet clearly to window below.

DESIGN LOADS

1 - Design leads are

Roof Live Load	+ 20 PSF	Snow Load	+ 20 PSF.
Pool Deck Load	+ 10 PSF	Wind Load	+ 115 MPH.

- 2 - Bearing for footings on undisturbed soil or 95% compacted fill is assumed to be 2,000 P.S.F. w/o verify soil bearing capacity and any underlying soil problems.
- 3 - All designs are in accordance with State Building Codes.
- 4 - Any deviation from the structural requirements of these plans without consulting with the general contractor is prohibited and thereby releases the general contractor from any responsibility.

APPENDIX B CODE SUMMARY

STRUCTURAL DESIGN

DESIGN LOADS			
Importance Factors	Factor I_1	<u>1.0</u>	
	Factor I_2	<u>1.0</u>	
Live Loads	Roof	<u>20</u>	sfd
	Mechanical Floor	<u>50</u>	sfd
	Floor	<u>100</u>	psf
Ground Snow Load	<u>20</u>	psf	
Wind Load	Basic Wind Speed	<u>115</u>	mph (ASCE-7)
	Exposure Category	<u>C</u>	

SEISMIC DESIGN CATEGORY

Provide the following Seismic Design Parameters
 Risk Category (Table 1604.5) ☐ I ☒ II ☐ III ☐ IV
 Spectral Response Acceleration $S_s = 1.01$ *g $S_1 = .072$ *g

Site Classification (ASCE 7): ☐ A ☐ B ☐ C ☒ D ☐ E ☐ F
 Data Source: ☐ Field Test ☐ Prevailing ☐ Historical Data
 Basic structural system: ☐ Bearing Wall ☐ Dual w/ Special Moment Frame
☐ Building Frame ☐ Dual w/ Intermediate R.C. or Special Steel

Analysis Procedure ☐ Simplified ☒ Equivalent Lateral Force ☐ Dynamic
Architectural Mechanical Components anchored? ☐ Yes ☒ No

LATERAL DESIGN CONTROL Earthquake ☐ Wind ☒

SOL BEARING CAPACITIES

Field Test (provide copy of test report) _____ psf

Presumptive Bearing capacity 2,000 psf

Pile size, type and capacity _____

WINDOW SCHEDULE			SYMBOL
MARK	SIZE	QUAN.	DESCRIPTION
W1	3' X 3'	11	FIXED

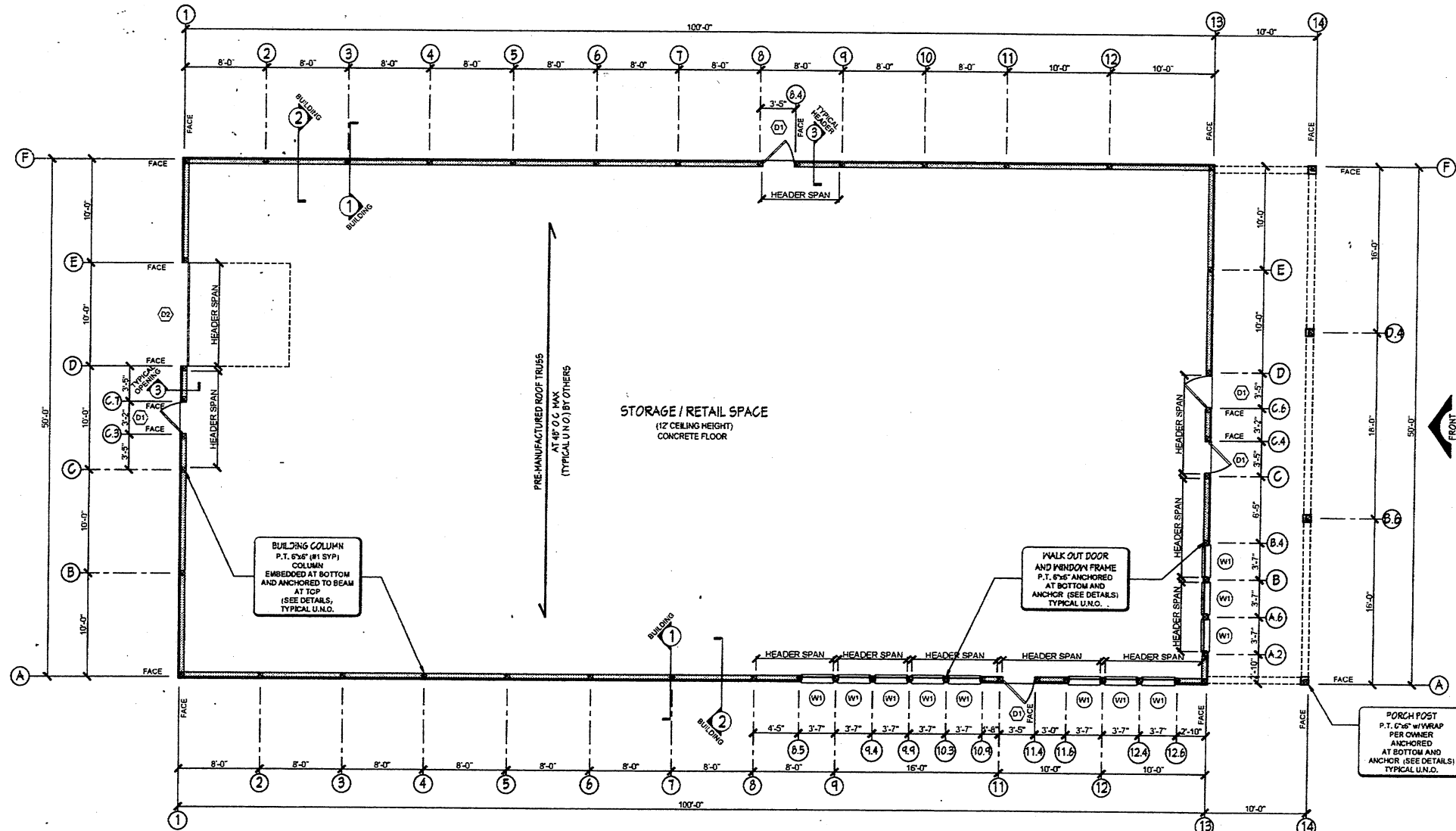
* SEE ELEVATIONS FOR ADDITIONAL INFORMATION

* ALL WINDOWS ARE INSULATED AND WEATHERSTRIPPED.

* WINDOW MANUFACTURER TO PROVIDE TEMPERED GLASS WHERE REQUIRED BY CODE.

DOOR SCHEDULE			SYMBOL
MARK	SIZE	QUAN.	DESCRIPTION
D1	10' X 10'	1	OVERHEAD ROLL-UP DOOR
D2	3' X 7'	5	EXTERIOR - HALF LIGHT

* SEE ELEVATIONS FOR ADDITIONAL INFORMATION



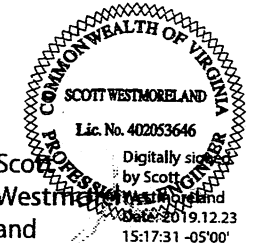
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DESIGNER
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mail: Scott@Solidrockstructural.com

SQUARE FOOTAGE

HEATED	4500 S.F.
PORCH	500 S.F.
Total Under Roof =	5000 S.F.

REVISIONS

[illegible]

Drawn By DRG	Issue Date 12.23.19
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POLE BARN FOR

SAHILLS LILLY PAD INC.

19 T B Stanley Hwy.
Massett, VA 24055

on Name/Number:

2019-195

Test Title:

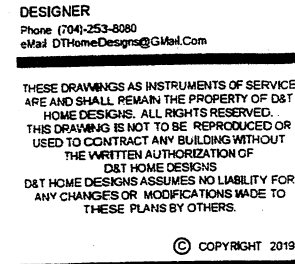
STRUCTURAL FLOOR PLAN

SCALE 1/8" = 1'-0"

Sheet No.

S3.0

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HEATED	4500 S.F.
PORCH	500 S.F.
Total Under Roof - 5000 S.F.	

[illegible]

319 T B Stanley Hwy.
Bassett, VA 24055

Sheet Title

SCALE AS NOTED

Sheet No.

S4.0

