

Designer:

Building Designs by Marshall & Marine, Inc.
6406 US 27 S
Sebring, FL 33876
863-471-1525 Office
863-471-1121 Alt. Office
www.needplans.com

Structural Engineer:

WILLIAM F. STUHRKE, PHD, P.E.
12215 Rebecca's Run Dr.
Winter Garden, FL 34787
407-920-3119
State of Florida PE #22150

Contractor:

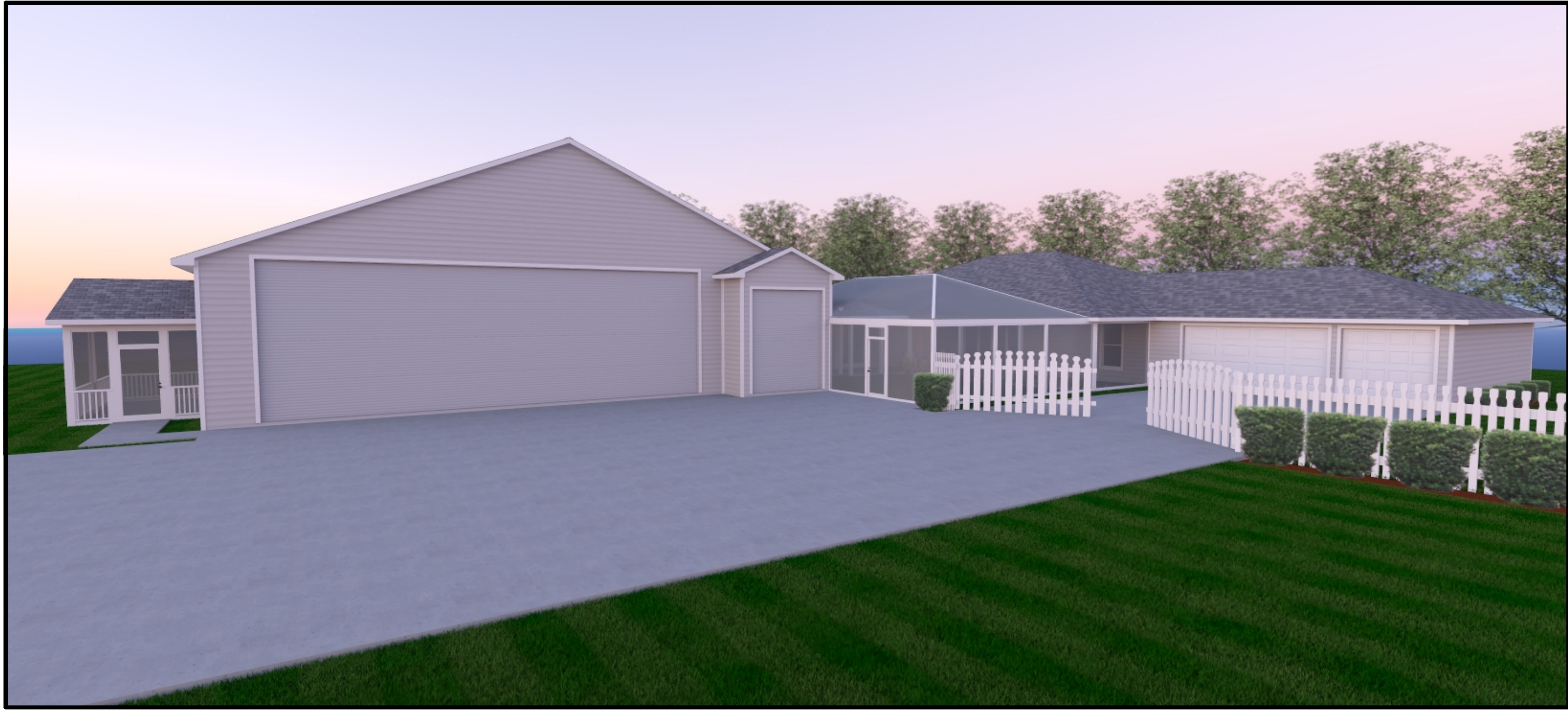
Bryan Zecher Homes, Inc.
2370 FL-47
Lake City, FL 32025
(386) 752-8653

Project:

Fred Elfers
381 SW Brothers Lane
Lake City, FL 32025

NEW PROJECT FOR:

FRED ELFERS



3D RENDERING FOR ILLUSTRATION PURPOSE ONLY

GENERAL NOTES AND SPECIFICATIONS:

THE GENERAL CONTRACTOR SHALL FULLY COMPLY WITH THE FBC SEVENTH EDITION AND ALL ADDITIONAL STATE AND LOCAL CODE REQUIREMENTS.

THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY WORK KNOWINGLY PERFORMED CONTRARY TO SUCH LAWS, ORDINANCES, OR REGULATIONS. THE CONTRACTOR SHALL ALSO PERFORM COORDINATION WITH ALL UTILITIES AND STATE SERVICE AUTHORITIES.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. THE GENERAL CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS) AND CONDITIONS ON THE JOB AND MUST NOTIFY THIS OFFICE OF ANY VARIATIONS FROM THESE DRAWINGS.

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND PROPER FUNCTION OF PLUMBING, HVAC AND ELECTRICAL SYSTEMS. THE GENERAL CONTRACTOR SHALL NOTIFY THIS OFFICE WITH ANY PLAN CHANGES REQUIRED FOR DESIGN AND FUNCTION OF PLUMBING, HVAC AND ELECTRICAL SYSTEMS.

THIS OFFICE SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS, ACTS OR OMISSIONS OF THE CONTRACTOR OR SUBCONTRACTOR, OR FAILURE OF ANY OF THEM TO CARRY OUT WORK IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. AND DEFECT DISCOVERED IN THE CONSTRUCTION DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THIS OFFICE BY WRITTEN NOTICE BEFORE PROCEEDING WITH WORK. REASONABLE TIME NOT ALLOWED THIS OFFICE TO CORRECT THE DEFECT SHALL PLACE THE BURDEN OF COST AND LIABILITY FROM SUCH DEFECT UPON THE CONTRACTOR.

INSTALL WATERPROOF GYPSUM BOARD AT ALL WATER SPLASH AREAS TO MINIMUM 70" ABOVE SHOWER DRAINS.

EXHAUST ALL VENTS AND FANS DIRECTLY TO OUTSIDE VIA METAL DUCTS, PROVIDE 40 CFM (MIN) FANS TO PROVIDE 5 AIR CHANGES PER HOUR IN BATHS CONTAINING TUB AND / OR SHOWER.

ALL RECESSED LIGHTS IN INSULATED CEILINGS TO HAVE THE I.C. LABEL.

DESIGN PARAMETERS

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 11TH EDITION RESIDENTIAL CHAPTER R301, THE FLORIDA BUILDING CODE 11TH EDITION AMENDMENTS AND ASCE 7-16.

THE BUILDING (INCLUDING ALL COMPONENTS AND CLADDINGS) SHALL BE DESIGNED FOR THE FOLLOWING SUPERIMPOSED LOADS.

FLOORS:
LIVE LOAD - 40 PSF
DEAD LOAD - 10 PSF

GARAGE SLAB:
LIVE LOAD - 50 PSF
DEAD LOAD - 10 PSF

ROOF:
LIVE LOAD (TRUSS TOP CHORD) - 20 PSF
DEAD LOAD (TRUSS TOP CHORD) - 10 PSF
LIVE LOAD (TRUSS BOTTOM CHORD) - 10 PSF NO STORAGE PER FBC 11TH EDITION
LIVE LOAD (TRUSS BOTTOM CHORD) - 20 PSF MIN. STORAGE PER FBC 11TH EDITION

WIND:
BUILDING IS DESIGNED TO CONFORM TO ASCE 7-16, CHAPTER 6,
PER FLORIDA BUILDING CODE 11TH EDITION RESIDENTIAL SECTION R301.2.1.1
COMPONENT AND CLADDING +21.2/-25.3 PSF

■ V ultimate = 118 mph, V basic = 91 mph

RISK CATEGORY:
☐ CATEGORY I
☒ CATEGORY II

☐ CATEGORY III
☐ CATEGORY IV

BUILDING OCCUPANCY CLASSIFICATION:

☐ GROUP A - ASSEMBLY
☐ GROUP B - BUSINESS
☐ GROUP D - DAY CARE CENTER
☐ GROUP E - EDUCATIONAL
☐ GROUP F - FACTORY
☐ GROUP H - HAZARDOUS
☐ GROUP I - INSTITUTIONAL
☐ GROUP M - MERCANTILE
☒ GROUP R - RESIDENTIAL
☐ GROUP S - STORAGE

BUILDING CONSTRUCTION TYPE:

☐ TYPE I
☐ TYPE II
☐ TYPE III
☐ TYPE IV
☒ TYPE V

EXPOSURE CATEGORY:
☒ B
☐ C
☐ D

WINDBORNE DEBRIS REGION:

☒ NO
☐ YES
☐ IMPACT RESISTANT GLAZING

INTERNAL PRESSURE COEFFICIENTS:

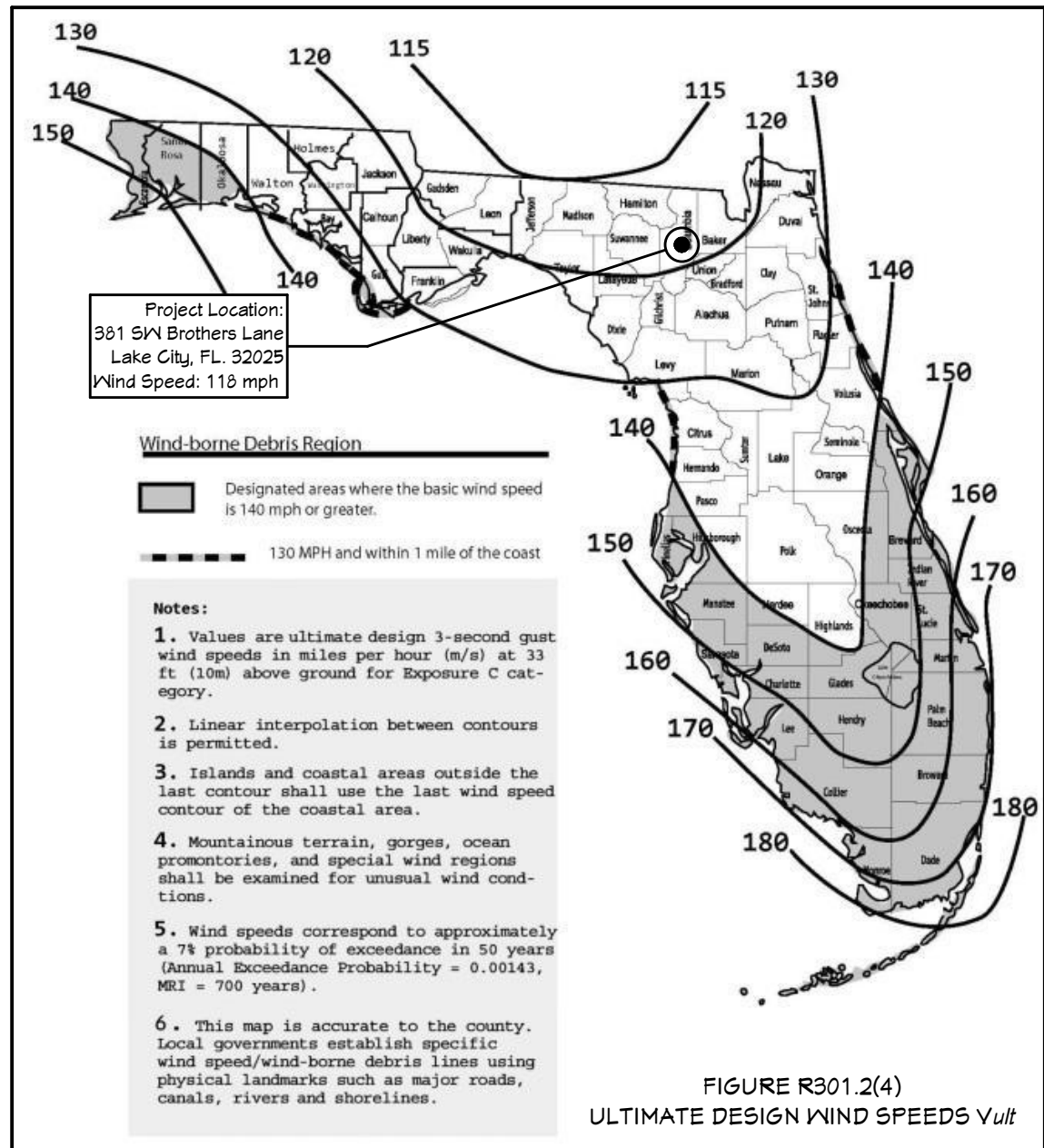
☐ 0.00 (OPEN)
☒ +0.18, -0.18 (ENCLOSED)

MEAN ROOF HEIGHT

☒ 30'-0" OR LESS
☐ GREATER THAN 30'-0"

SCHEDULE OF DRAWINGS

Label	Title
G1.00	Project Overview
A1.00	Elevations
A2.00	Floor Plan
A2.10	Floor Plan - Hanger
A3.00/E1.00	Electrical Plan / Furninture Plan
E1.10	Electrical Plan Hanger
C1.00	Proposed Site Plan
S1.00	Roof Plan
S1.10	Roof Plan - Hanger



CATEGORY II WIND MAP

WIND SPEED: 118 MPH

SEAL:

FILE #20165
Thursday, July 20, 2023

PROJECT:
FRED
ELFERS

381 SW Brothers Lane
Lake City, FL 32025

Square Footage
2,752 Living
752 Garage
656 P. Porch
443 Screen Enclosure
75 Breezeway
550 Hanger Living
1,956 Hanger
197 Hanger Porch
7,889 Total

CONTRACTOR:

BRYAN ZECHE
HOMES, INC.

2370 FL-47
Lake City, FL 32025
(386) 752-8653



MEMBER:
AMERICAN
INSTITUTE
OF
STRUCTURAL
ENGINEERS
OF
FLORIDA
By: William F. Stuhke, P.E.
A Florida Registered Professional Engineer

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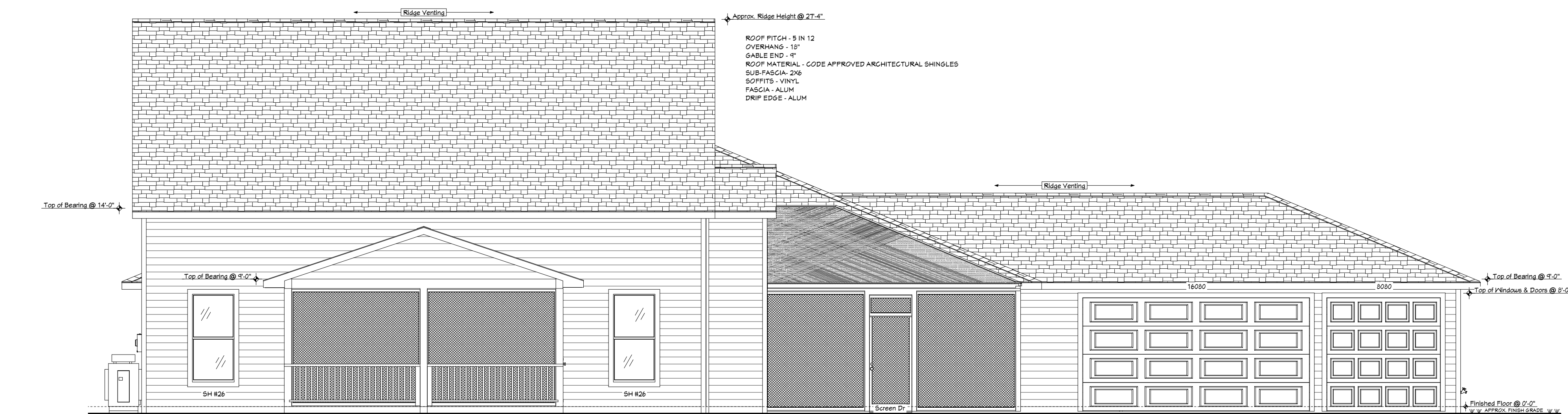
07/20/2023 TA

FINAL:

PROJECT #23-135

SHEET:

G1.00



FRONT ELEVATION

SCALE: 3/16" = 1'



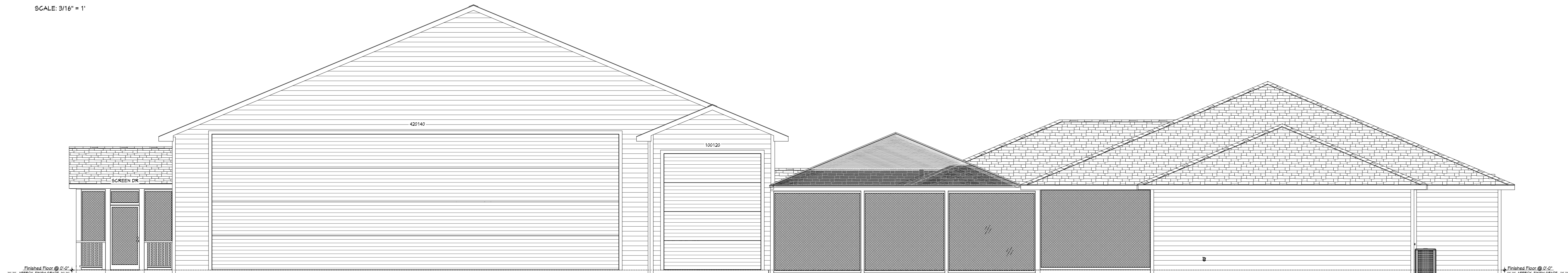
REAR ELEVATION

SCALE: 3/16" = 1'



LEFT ELEVATION

SCALE: 3/16" = 1'



RIGHT ELEVATION

SCALE: 3/16" = 1'

SEAL:

PROJECT: FRED ELFERS

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ABD

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A1.00

DOORS & WINDOWS

EVERY BEDROOM SHALL BE PROVIDED WITH AN EGRESS WINDOW WITH FINISH SILL HEIGHT NOT GREATER THAN 44" ABOVE THE FINISH FLOOR HEIGHT AND SHALL HAVE A MINIMUM OPERABLE AREA OF 5.7 SQ. FT. EGRESS WINDOWS SHALL NOT HAVE AN OPERABLE AREA LESS THAN 20" WIDE OR 24" HIGH.

NOTE:

EGRESS WINDOWS LOCATED 12" OR MORE ABOVE FINISH GRADE SHALL HAVE A FINISH SILL HEIGHT OF 24" MIN. ABOVE THE FINISH FLOOR OF THE ROOM IN WHICH IT IS LOCATED.

INTERIOR DOORS SHALL BE PAINTED ENTRY DOOR TO BE DEFINED BY HOME OWNER PRIOR ORDERING

R302.5 DWELLING-GARAGE OPENING AND PENETRATION PROTECTION

OPENINGS AND PENETRATIONS THROUGH THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE IN ACCORDANCE WITH SECTIONS R302.5.1 THROUGH R302.5.3.

R302.5.1 OPENING PROTECTION

OPENINGS FROM A PRIVATE GARAGE DIRECTLY INTO A ROOM USED FOR SLEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 1 3/8" INCHES (35 MM) IN THICKNESS, SOLID OR HONEYCOMB-CORE STEEL DOORS NOT LESS THAN 1 3/8" INCHES (35 MM) THICK, OR 20-MINUTE FIRE-RATED DOORS.

R302.5.2 DUCT PENETRATION

DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILINGS SEPARATING THE DWELLING FROM THE GARAGE SHALL BE CONSTRUCTED OF A MINIMUM NO. 26 GAGE (0.48 MM) SHEET STEEL, 1 INCH (25.4 MM) MINIMUM RIGID NON-METALLIC GLASS OR CLASS 1 DUCT BOARD, OR OTHER APPROVED MATERIAL AND SHALL NOT HAVE OPENINGS INTO THE GARAGE.

R302.5.3 OTHER PENETRATIONS

PENETRATIONS THROUGH THE SEPARATION REQUIRED IN SECTION R302.6 SHALL BE PROTECTED AS REQUIRED BY SECTION R302.11, ITEM 4.

R302.6 DWELLING-GARAGE FIRE SEPARATION

THE GARAGE SHALL BE SEPARATED AS REQUIRED BY TABLE R302.6. OPENINGS IN GARAGE WALLS SHALL COMPLY WITH SECTION R302.5 ATTACHMENT OF GYPSUM BOARD SHALL COMPLY WITH TABLE R102.3.5. THE WALL SEPARATION PROVISIONS OF TABLE R302.6 SHALL NOT APPLY TO GARAGE WALLS THAT ARE PERPENDICULAR TO THE ADJACENT DWELLING UNIT WALL.

TABLE R302.6 DWELLING-GARAGE SEPARATION

SEPARATION	MATERIAL
FROM THE RESIDENCE AND ATTICS	NOT LESS THAN 1/2-INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE GARAGE SIDE
FROM HABITABLE ROOMS ABOVE THE GARAGE	NOT LESS THAN 5/8-INCH TYPE X GYPSUM BOARD OR EQUIVALENT
STRUCTURE(S) SUPPORTING FLOOR/CEILING ASSEMBLIES USED FOR SEPARATION REQUIRED BY THIS SECTION	NOT LESS THAN 1/2-INCH GYPSUM BOARD OR EQUIVALENT
GARAGES LOCATED LESS THAN 3 FEET FROM A DWELLING UNIT ON THE SAME LOT	NOT LESS THAN 1/2-INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE INTERIOR SIDE OF EXTERIOR WALLS THAT ARE WITHIN THIS AREA

AT LEAST ONE EXTERIOR EXIT DOOR WILL BE 36" MIN. NET CLEAR DOORWAY SHALL BE 32" MIN. DOOR SHALL BE OPERABLE FROM INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. GLAZING IN DOORS SHALL BE DUAL-PANE SAFETY GLASS WITH MIN. U-VALUE OF 0.60

GARAGE DOORS TO BE SECTIONAL, OVERHEAD DOORS PER OWNER

SAFETY GLAZING:

THE FOLLOWING SHALL BE CONSIDERED SPECIFIC HAZARDOUS LOCATIONS FOR THE PURPOSES OF GLAZING:

- GLAZING IN SWINGING DOORS, FIXED AND SLIDING PANELS OF SLIDING DOOR ASSEMBLIES.
- GLAZING IN DOORS AND ENCLOSURES FOR HOT TUB, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS, AND SHOWERS. GLAZING IN ANY PORTION OF A BUILDING WALL ENCLOSING THESE COMPARTMENTS WHERE THE BOTTOM EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE DRAIN INLET.
- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24 INCH RADIUS OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FINISHED FLOOR OR WALKING SURFACE.
- GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL, OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS (2) AND (3) ABOVE, THAT MEETS ALL OF THE FOLLOWING CONDITIONS:
 - EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SQ. FT.
 - BOTTOM EDGE LESS THAN 18 INCHES ABOVE THE FLOOR.
 - TOP EDGE GREATER THAN 36 INCHES ABOVE THE FLOOR.
 - ONE OR MORE WALKING SURFACES WITHIN 36 INCHES HORIZONTALLY OF THE PLANE OF THE GLAZING.

TIMBER MATERIALS - STRUCTURAL - :

ALL TIMBER MATERIALS SHALL BE AS FOLLOWS:

LVL BEAMS SHALL BE (1.1E) MICROLAM LVL MATERIALS MANUFACTURED BY TRUSS JOIST MACMILLAN (OR EQUAL).

LUMBER UTILIZED IN BOTTOM PLATES, TOP PLATES, POSTS, STUDS PACKS AND BEAMS SHALL BE #2 YELLOW PINE (OR BETTER). LUMBER WITH DIRECT CONTACT TO CONCRETE/MASONRY SHALL BE PRESSURE TREATED

EXTERIOR AND INTERIOR LOAD BEARING STUDS SHALL BE #2 YELLOW PINE (OR BETTER). ALL OTHER STUDS SHALL BE "STUD GRADE" SPRUCE.

PSL POSTS SHALL BE (1.8E) PARALLAM PSL MATERIALS MANUFACTURED BY TRUSS JOIST MACMILLAN (OR EQUAL).

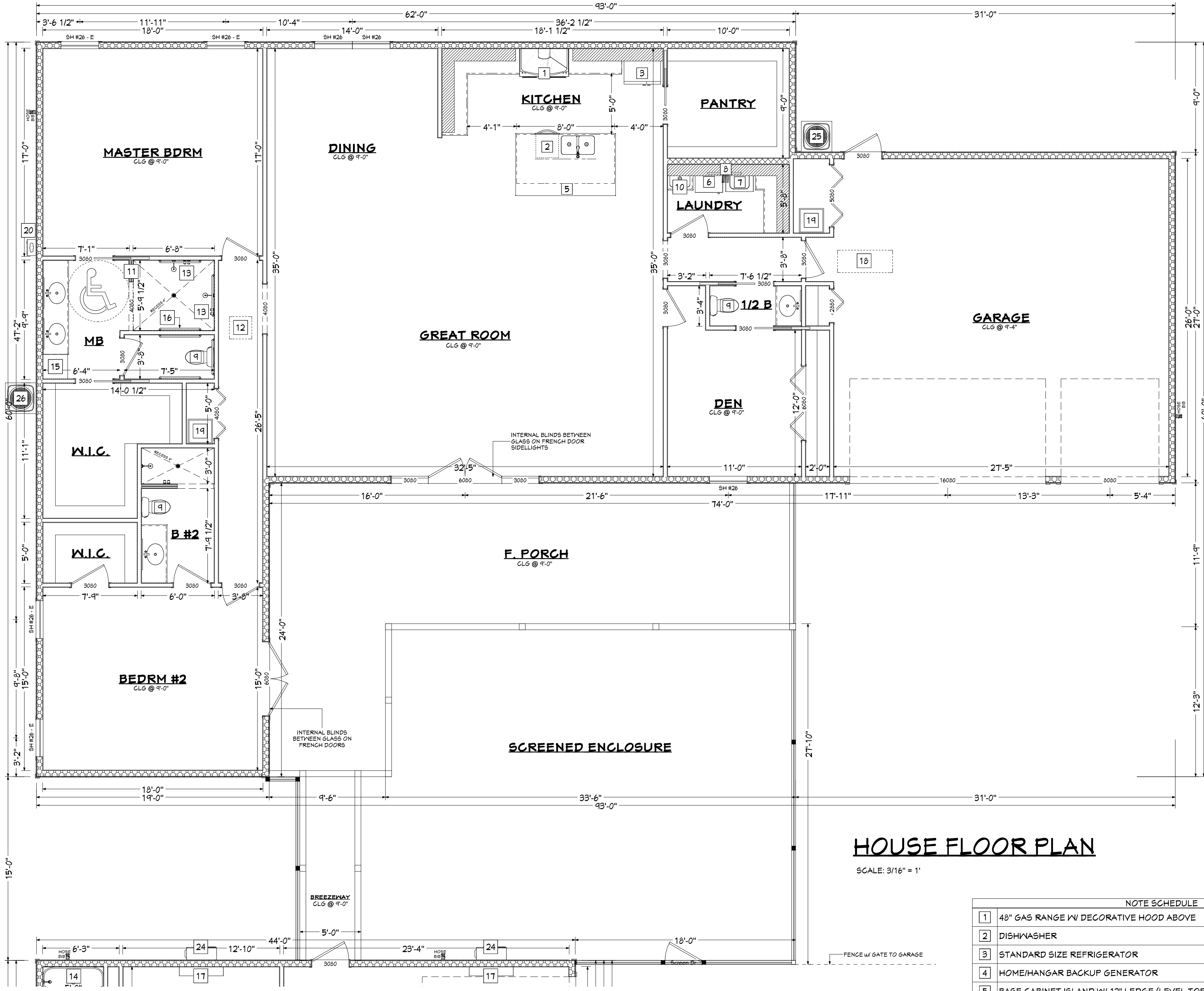
DRAFT STOPPING:

IN SINGLE-FAMILY DWELLINGS, DRAFT STOPPING SHALL BE PROVIDED (PARALLEL TO THE MAIN FRAMING MEMBERS) IN FLOOR/CEILING ASSEMBLIES SEPARATING USEABLE SPACES. DRAFT STOPPING SHALL BE CONSTRUCTED SUCH THAT THE FLOOR/CEILING ASSEMBLY IS BROKEN UP INTO TWO OR MORE APPROXIMATE AREAS WITH NO AREA GREATER THAN 500 SQ. FT.

ATTIC ACCESS:

ATTIC SPACES SHALL BE PROVIDED WITH AN INTERIOR ACCESS OPENING NOT LESS THAN 22X30 INCHES. ACCESS OPENING SHALL BE ACCESSIBLE AND PROVIDED WITH LID OR DEVICE THAT IS EASILY REMOVED OR OPENED WHEN MECHANICAL EQUIPMENT IS INSTALLED IN THE ATTIC, IT SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT MECHANICAL CODE. ACCESS IS NOT REQUIRED WHEN THE CLEAR HEIGHT OF THE ATTIC SPACE, MEASURED AT THE ROOF PEAK, IS LESS THAN 30 INCHES.

IT IS THE RESPONSIBILITY OF THE OWNER / CONTRACTOR TO COORDINATE WITH FINAL WINDOW MANUFACTURER TO ENSURE THAT THE MINIMUM CLEAR EGRESS WINDOW OPENING OF 5.7 SQ FT (FIRST FLOOR) ARE PROVIDED WHERE APPLICABLE (TYP.)



HOUSE FLOOR PLAN

SCALE: 3/16" = 1'

WINDOW SCHEDULE							
LABEL	DIMENSIONS	QTY	TYPE	TEMPERED	EGRESS	MANUFACTURER	PRESSURES
SH #26	31"X16"SH	5	SINGLE HUNG			P&T	+25.0/-32.0
SH #26 - E	31"X16"SH	4	SINGLE HUNG		YES	P&T	+25.0/-32.0

WALL SCHEDULE		
2D SYMBOL	WALL TYPE	DESCRIPTION
	SIDING-6	FIBER CEMENT LAP SIDING, 2 X 6 FRAMING, 1/2" SHEETROCK
	INTERIOR FRAME 3 1/2"	1/2" SHEETROCK, 2 X 4 FRAMING, 1/2" SHEETROCK
	INTERIOR FRAME 5 1/2"	1/2" SHEETROCK, 2 X 6 FRAMING, 1/2" SHEETROCK

NOTE SCHEDULE	
1	48" GAS RANGE W/ DECORATIVE HOOD ABOVE
2	DISHWASHER
3	STANDARD SIZE REFRIGERATOR
4	HOME/HANGAR BACKUP GENERATOR
5	BASE CABINET ISLAND W/ 12" LEDGE (LEVEL TOP)
6	ELECTRIC CLOTHES DRYER
7	TOP LOAD CLOTHES WASHER
8	UPPER CABINETS W/ HANGING ROD
9	COMFORT HEIGHT ELONGATED TOILET
10	CABINET MOUNTED SINK
11	42" HIGH KNEE-WALL W/ TEMPERED GLASS ABOVE
12	22" X 33" ATTIC ACCESS
13	SHOWER CONTROLS
14	FIBERGLASS SHOWER
15	24" FULL HEIGHT LINEN CABINET
16	BACKING FOR GRAB BAR (TYP.)
17	WALL MOUNT MINI SPLIT A/C UNIT
18	PULL DOWN STAIRS ATTIC ACCESS
19	STAND MOUNTED AIR HANDLER / RETURN AIR LOCATIONS TO BE FIELD VERIFIED
20	GAS - TANKLESS WATER HEATER
21	ELECTRIC - TANK WATER HEATER IN ATTIC STORAGE ABOVE
22	ELECTRIC PANEL BOX PROPOSED LOCATION (PER NEC)
23	ELECTRIC SERVICE METER (PER NEC)
24	MINI SPLIT CONDENSING UNIT
25	A/C CONDENSING UNIT #1
26	A/C CONDENSING UNIT #2

SEAL:

PROJECT:
FRED
ELFERS

381 SW Brothers Lane
Lake City, FL 32025

Square Footage

2,732 Living

636 F. Porch

443 Screen Enclosure

75 Brezeway

550 Hangar Living

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137 Hangar Porch

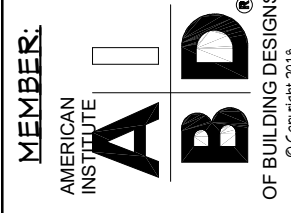
7,884 Total

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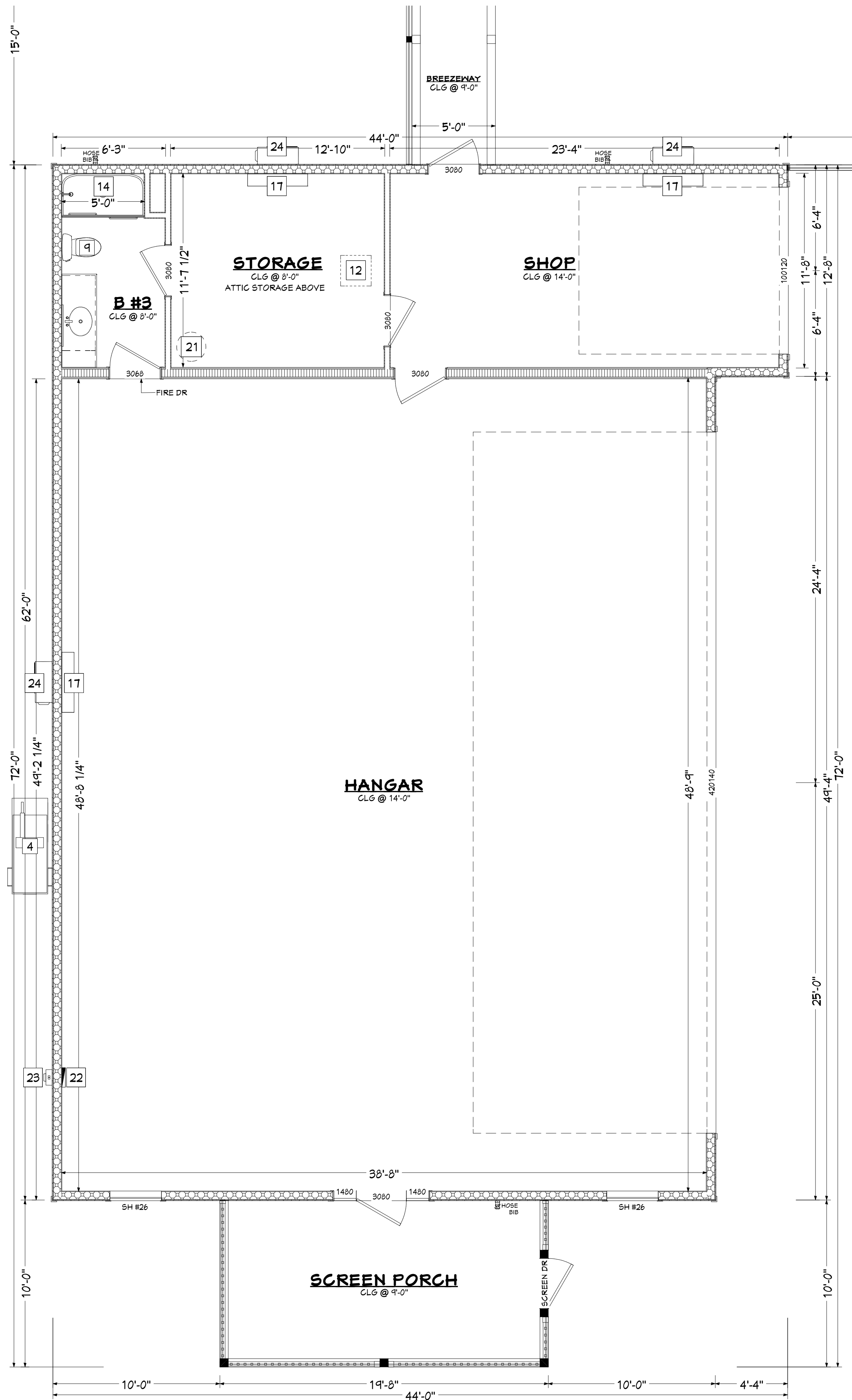
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PROJECT #23-135

SHEET:

A2.00



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MEMBER:
AMERICAN INSTITUTE OF BUILDING DESIGNERS
BD
OF BUILDING DESIGNERS
By: [Signature] & [Signature]
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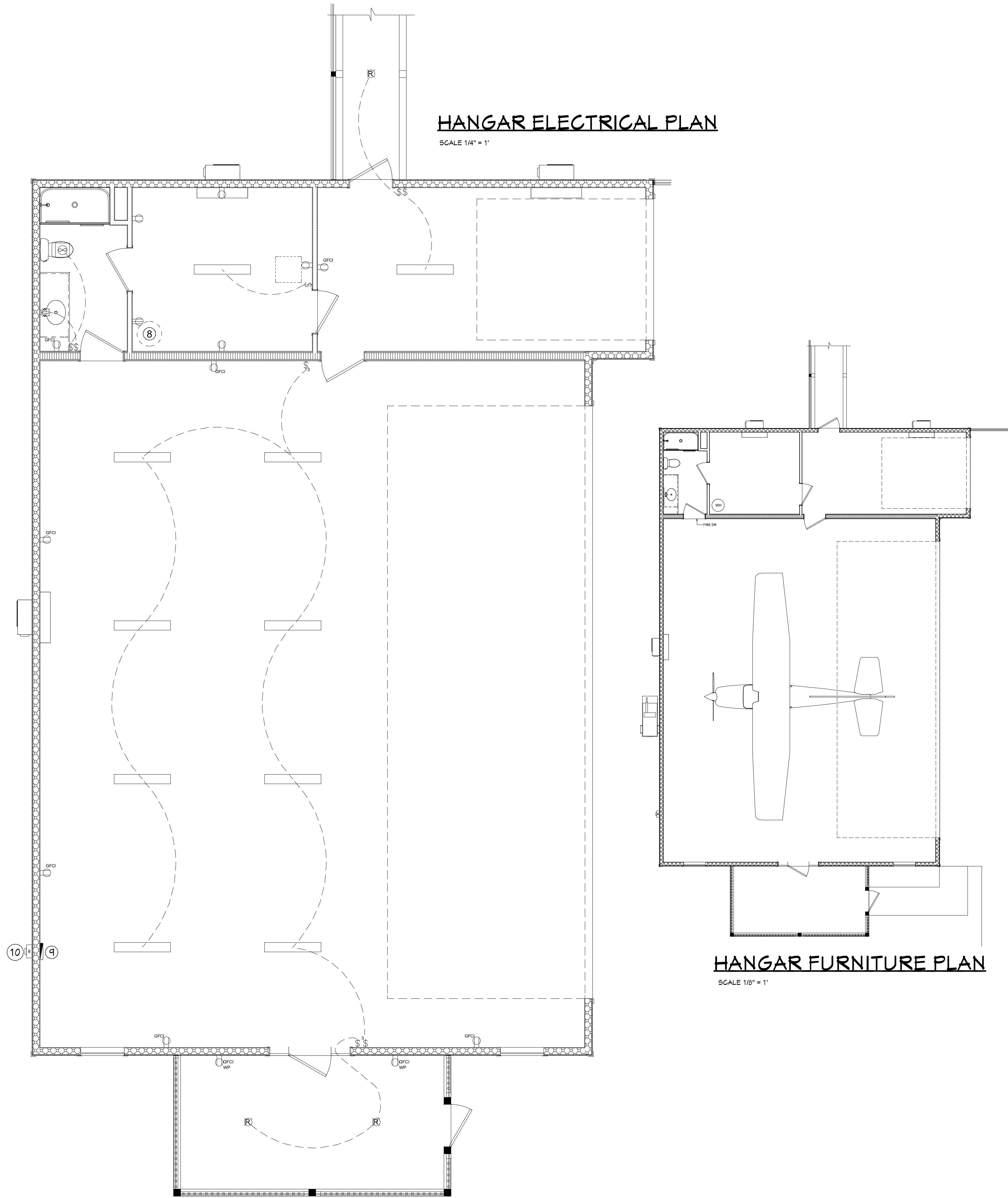
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SHEET:

A2.10



HANGAR ELECTRICAL PLAN

SCALE 1/4" = 1'

HANGAR FURNITURE PLAN

SCALE 1/8" = 1'

SEAL:

PE 00160
Thursday, July 20, 2023

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FRED
ELFERS

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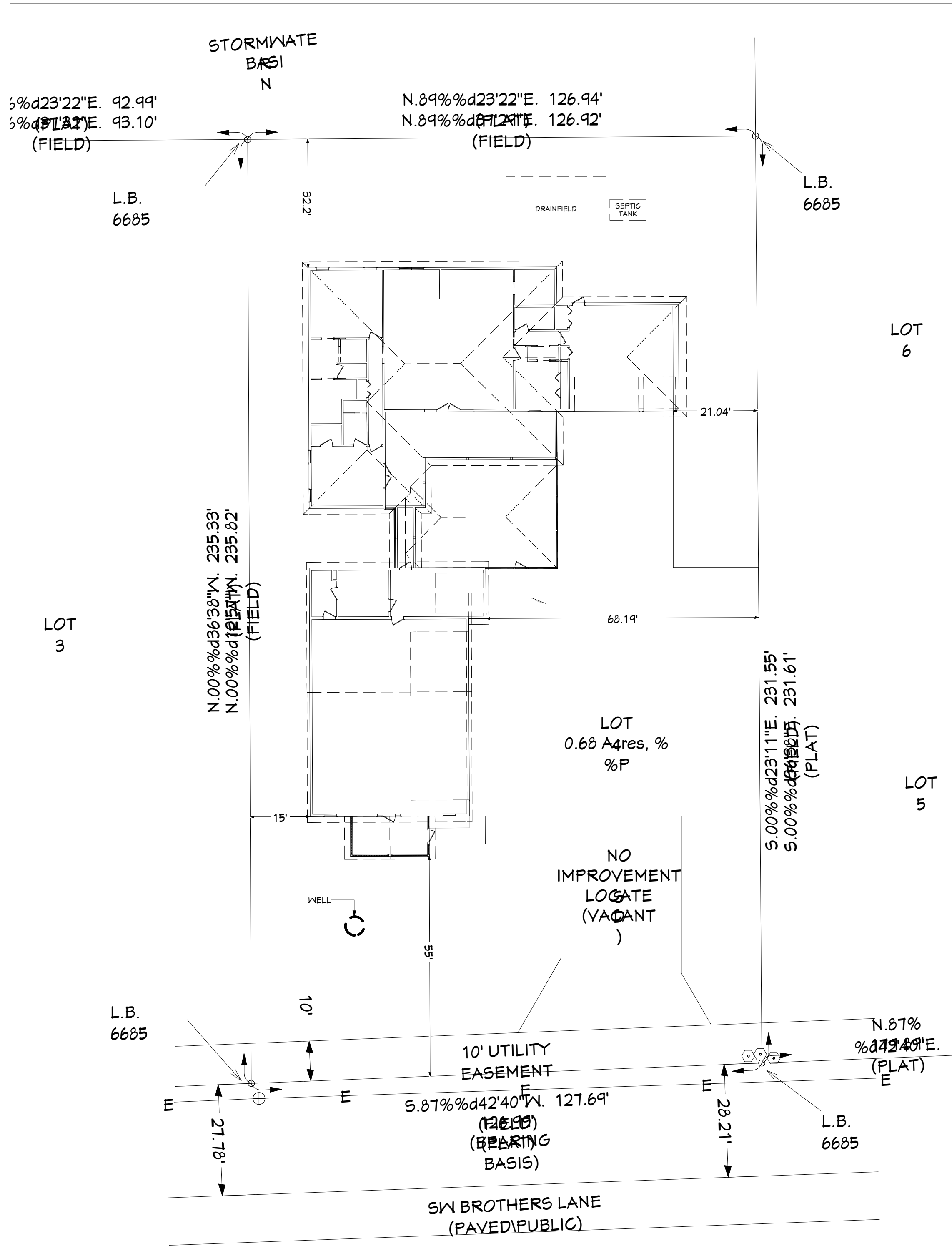
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SHEET:

E1,10



PROPOSED SITE PLAN

SCALE: 1" = 20'

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1,956 Hangar
197 Hangar Porch
7,884 Total

CONTRACTOR:
BRYAN ZECHER HOMES, INC.
2370 FL-47
Lake City, FL 32025
(306) 752-3653

BUILDING DESIGNS BY MARSHALL & MARINE

6406 US Hwy 27 S.
Sebring, FL 33876
(863) 471-1525

MEMBER: AMERICAN INSTITUTE OF BUILDING DESIGNERS

OF FLORIDA

By: [Signature] & [Signature]
A Florida Registered Professional Engineer

www.neadplans.com

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CONCEPT: 03/15/2023 TA

04/03/2023 TA

PRELIM: 04/12/2023 TA

04/20/2023 TA

07/19/2023 TA

07/20/2023 TA

FINAL:

PROJECT #23-135

SHEET:

C1.00

X:\0BDMM 2023\2023 Version X14\X23-135- Fred Elfers- New Home Design & Airplane Hanger-/2023 X14 Elfers Master\023 X14 Elfers Layout.layout

TRUSSES

IF THE CONTRACTOR, TRUSS MANUFACTURER OR ANY OTHER DESIGN PROFESSIONALS REVISE THE TRUSS SYSTEM LAYOUT FROM THOSE SHOWN ON THESE PLANS DESIGNER AND/OR STRUCTURAL ENGINEER IS REQUIRED TO REVIEW ALL FINAL CONSTRUCTION DOCUMENTS FOR COMPLIANCE WITH THE DESIGN INTENT PRIOR TO COMMENCEMENT OF THE PROJECT.

ROOF PITCH - 5 IN 12
OVERHANG - 12"
GABLE END - 4"
ROOF MATERIAL - CODE APPROVED ARCHITECTURAL SHINGLES
SUB-FASCIA - 2x6
SOFFITS - VINYL
FASCIA - ALUM.
DRIFF EDGE - ALUM.

TIMBER MATERIALS - STRUCTURAL-:

ALL TIMBER MATERIALS SHALL BE AS FOLLOWS:

LVL BEAMS SHALL BE (1.1E) MICROLAM LVL MATERIALS MANUFACTURED BY TRUSS JOIST MACMILLAN (OR EQUAL).

LUMBER UTILIZED IN BOTTOM PLATES, TOP PLATES, POSTS, STUDS PACKS AND BEAMS SHALL BE #2 YELLOW PINE (OR BETTER). LUMBER WITH DIRECT CONTACT TO CONCRETE/MASONRY SHALL BE PRESSURE TREATED.

EXTERIOR AND INTERIOR LOAD BEARING STUDS SHALL BE #2 YELLOW PINE (OR BETTER). ALL OTHER STUDS SHALL BE "STUD GRADE" SPRUCE.

PSL POSTS SHALL BE (1.8E) PARALLAM PSL MATERIALS MANUFACTURED BY TRUSS JOIST MACMILLAN (OR EQUAL).

ROOF:
LIVE LOAD (TRUSS TOP CHORD) - 20 PSF
DEAD LOAD (TRUSS TOP CHORD) - 10 PSF
LIVE LOAD (TRUSS BOTTOM CHORD) - 10 PSF NO STORAGE - PER FBC 1TH EDITION

■ V ultimate = 115 mph, V basic = 91 mph

RISK CATEGORY:

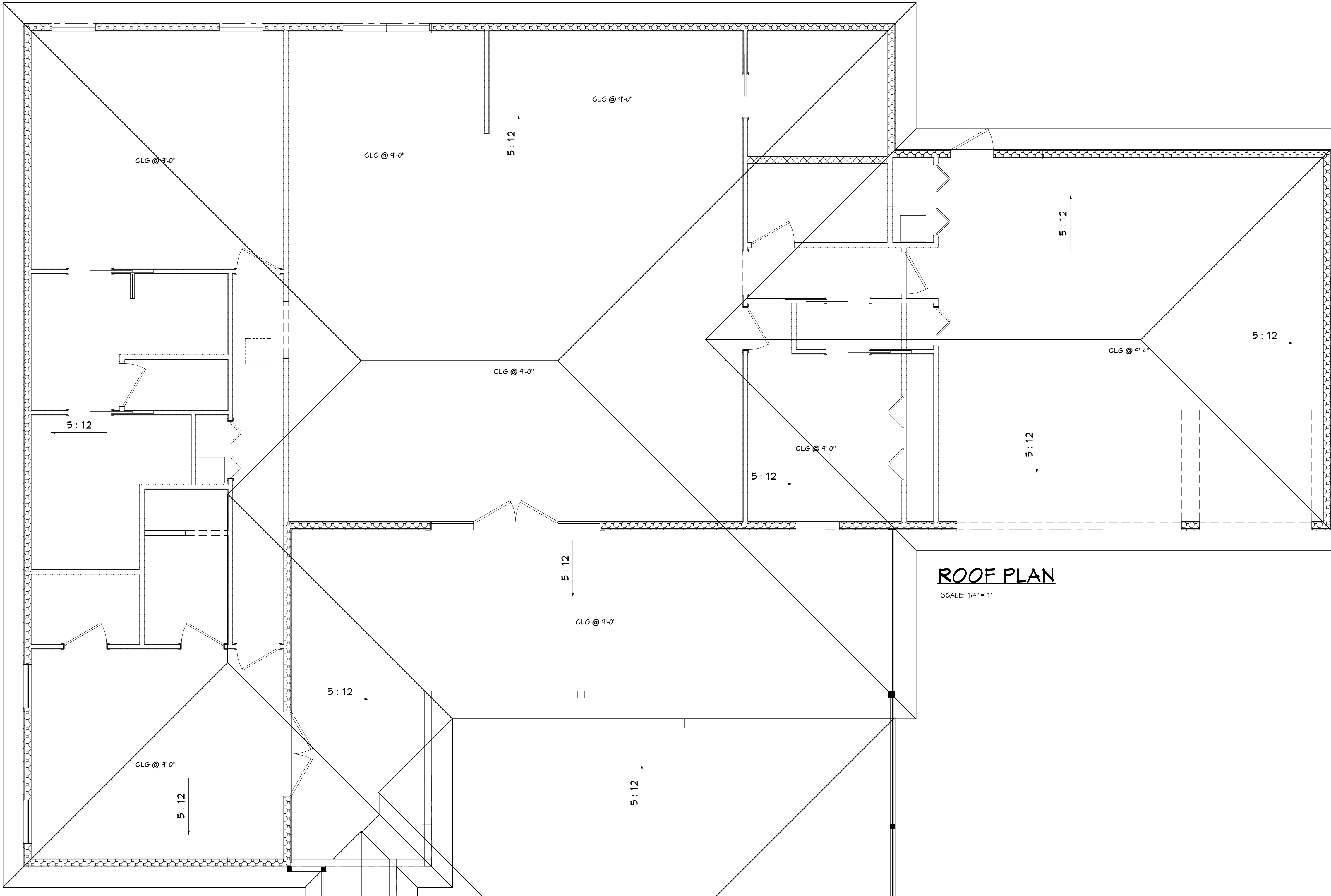
□ CATEGORY I
■ CATEGORY II
□ CATEGORY III
□ CATEGORY IV

EXPOSURE CATEGORY:

■ B
□ C
□ D

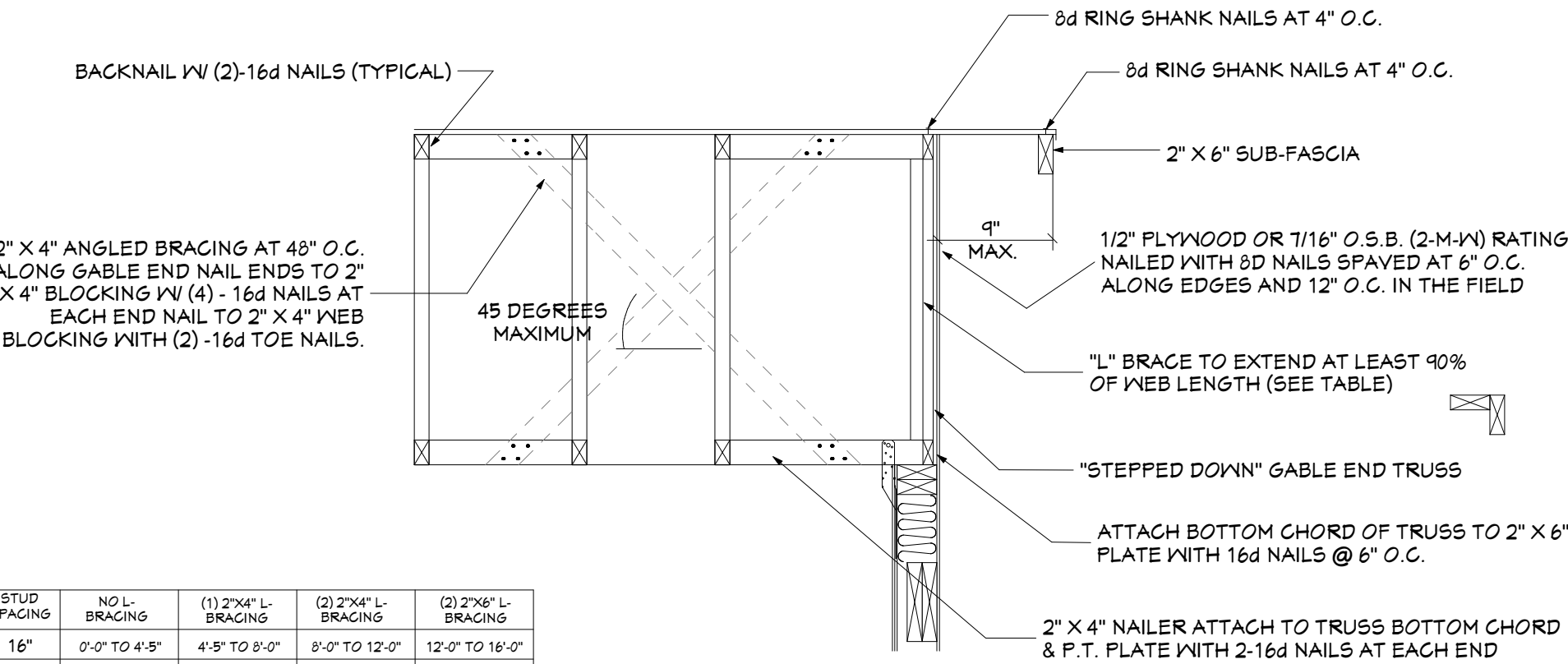
TRUSS ENGINEERING NOTE:

Building plans were finalized WITHOUT FINAL a Truss Layout and/or Truss Engineering from Homeowners/Contractor's Truss Manufacturer. Therefore, we are unable to determine reactionary loads and/or if any interior bearing will be required. We are also unable to accurately determine truss tie down information. Therefore, it becomes the Sole Responsibility of the Homeowner/Contractor to verify reactionary loads and/or if any interior bearing will be required as well as to determine the proper truss tie down information prior to beginning construction of the this project.



ROOF PLAN

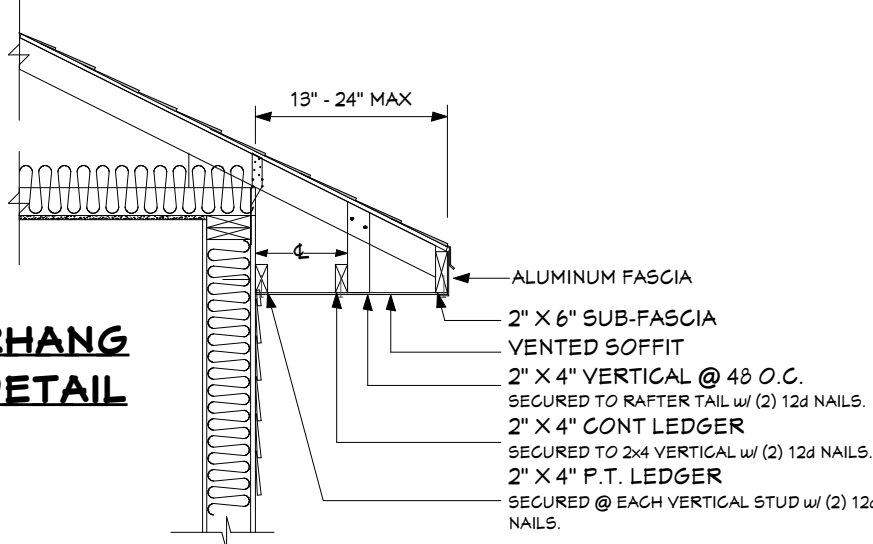
SCALE: 1/4" = 1'



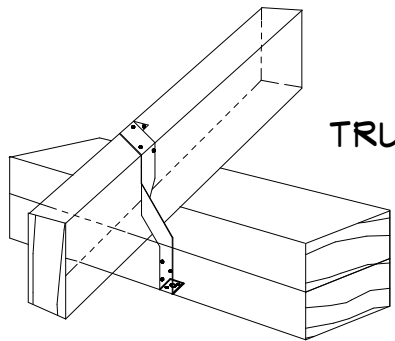
GABLE END SECTION
MAX 9" OVERHANG
FLAT CEILING
SCALE: 3/8" = 1'-0"

13" - 24" MAX OVERHANG
SOFFIT SECTION DETAIL

SCALE: 1/2" = 1'-0"

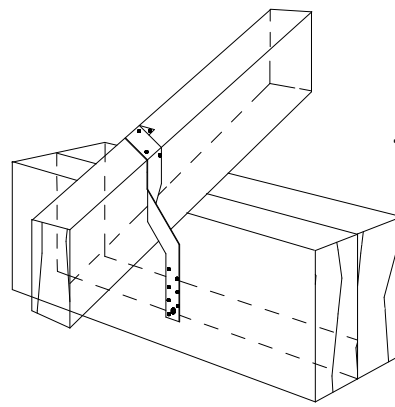


PRODUCT CODE	DESCRIPTION	FASTENERS	DESIGN LOADS (LBS.)
SIMPSON 'LTS12'	HURRICANE STRAP	HEADER TRUSS	UPLIFT
		6-10d x 1-1/2"	6-10d x 1-1/2"
			645



TRUSS TO PLATE DETAIL
NOT TO SCALE

PRODUCT CODE	DESCRIPTION	FASTENERS	DESIGN LOADS (LBS.)
SIMPSON 'LTS12'	HURRICANE STRAP	HEADER TRUSS	UPLIFT
		6-10d x 1-1/2"	6-10d x 1-1/2"
			645



TRUSS TO BEAM DETAIL
NOT TO SCALE

PRE-ENGINEERED ROOF TRUSSES @ 24" O.C.

VERIFY ALL TIE REQUIREMENTS FOR UPLIFT AND REACTIONS WITH TRUSS MANUFACTURER ENGINEERING

ALL FASTENERS TO BE INSTALLED PER MANUFACTURERS SPECS

SEAL:

PROJECT:
FRED
ELFERS

381 SW Brothers Lane
Lake City, FL 32025

Square Footage

2,752 Living
742 Garage
636 P. Porch
443 Screen Enclosure
75 Brezeauway
550 Hanger Living
1,956 Hanger
137 Hanger Porch
7,884 Total

CONTRACTOR:

BRYAN ZECHER
HOMES, INC.

2370 FL-47
Lake City, FL 32025
(306) 752-3653

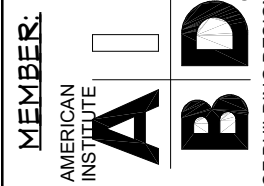


BUILDING DESIGNS

BY

MARSHALL & MARINE

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Sebring, FL 33876
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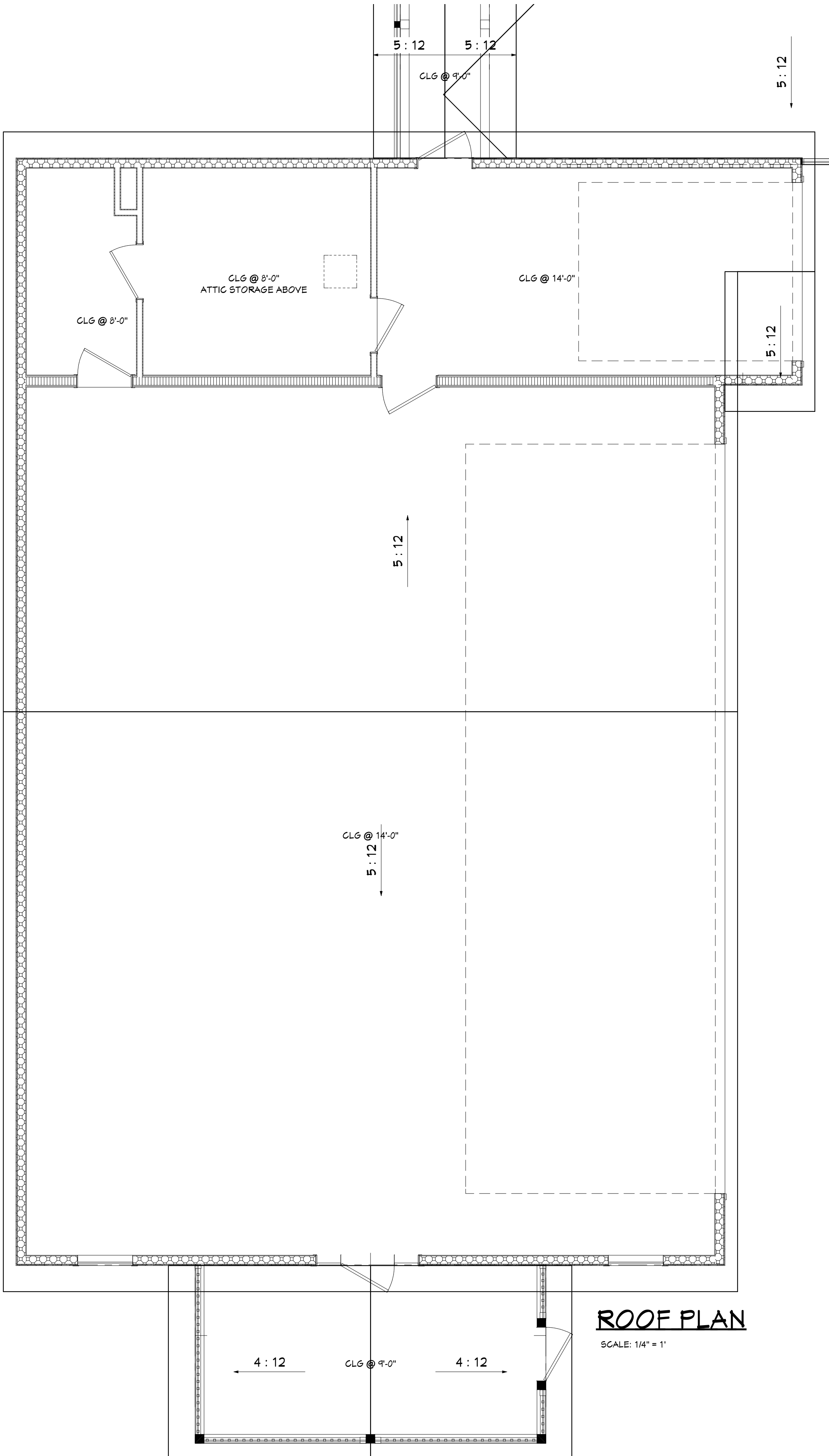
07/20/2023 TA

FINAL:

PROJECT #23-135

SHEET:

51.00



ROOF PLAN

SCALE: 1/4" = 1'

SEAL:

PE 00160
Thursday, July 20, 2023

PROJECT:
**FRED
ELFERS**

301 SW Brothers Lane
Lake City, FL 32025

Square Footage

2,752 Living
752 Garage
656 P. Porch
443 Screen Enclosure
75 Brezeauway
550 Hangar Living
1,956 Hangar
197 Hangar Porch
7,884 Total

CONTRACTOR:

**BRYAN ZECHER
HOMES, INC.**

2370 FL-47
Lake City, FL 32025
(306) 752-9653

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BY
MARSHALL & MARINE
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Sebring, FL 33876
(863) 471-1525

MEMBER:
AMERICAN
INSTITUTE
OF
BD
OF BUILDING DESIGNERS
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07/20/2023 TA

FINAL:

PROJECT #23-135

SHEET:

S1.10