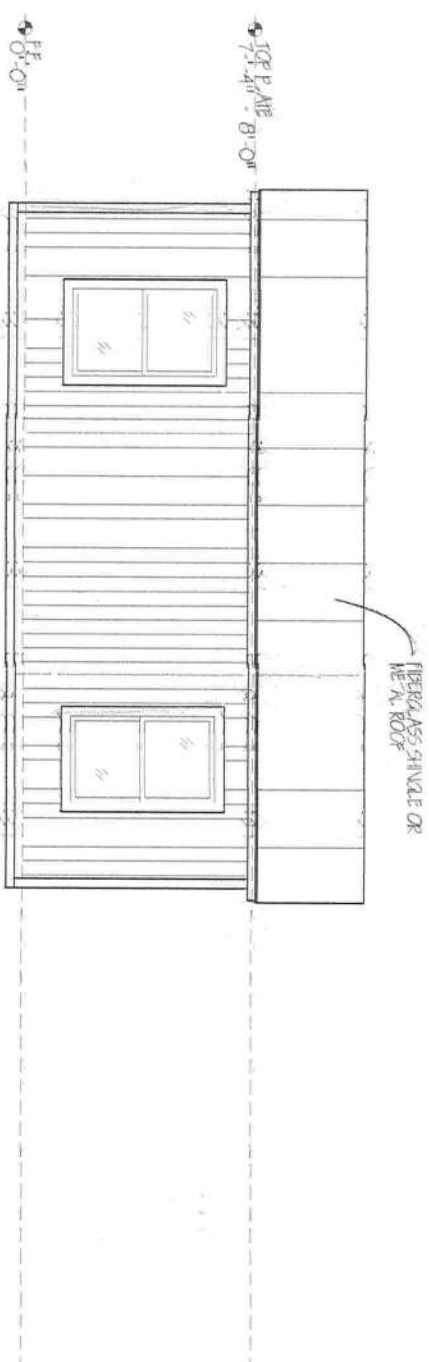
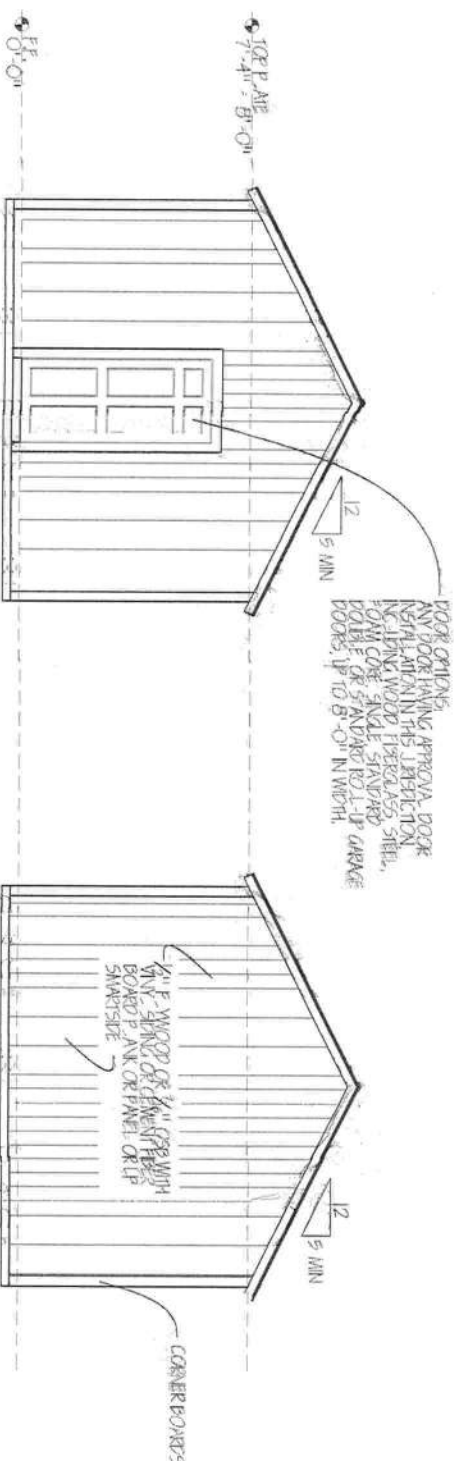




Side Elevation (Typ.)

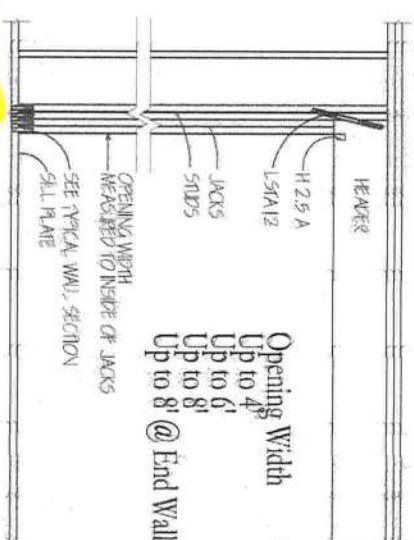
$$\underline{1/4'' = 1'-0''}$$


Front Elevation 1/4" = 1'-0"

Rear Elevation 1/4" = 1'-0"

Elevation Notes

- 1) DOOR AND WINDOW QUANTITY / LOCATION VARYS
2) IF STRUCTURE IS PLACED ON CONCRETE SLAB & FOUNDATION,
STOP SPRING AT FINISHED FLOOR.



Opening	Width	# of Jacks	# of Studs	Min Header Size
Up to 4'		1	1	(2) 2x4
Up to 6'		1	2	(2) 2x6
Up to 8'		2	2	(2) 2x8
Up to 8'	@ End Wall	2	2	(2) 2x6

Notes:

- a) Based on Uniform Loads, Heavy Concentrated Loads require Engineering Review.
- b) Number of Jack & Stud Requirements per Opening Width 2x4 or 2x6 SPF #1&2 Construction - Max Wall height = 12' (Based on 16" O.C. Stud spacing)
- c) Equal to Simpson ties noted are acceptable.

Typical Opening Details

NTS

NOTE*****

The base structure is designed for use as a non-occupied storage building. If this building is being prepared for possible conversion to Residential Occupancy by Owners, An approved vapor barrier shall be included in the wall section, door and window sizes shall meet egress requirements where needed, and all electrical circuits shall be Arc Fault / GFI where required per FBC Residential. It is the Owners responsibility to provide additional full permit documents, scope of work and application meeting all FBC Residential requirements to local jurisdiction prior to any residential improvements or occupancy.

Mary C

Alford

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by Mary C Alford
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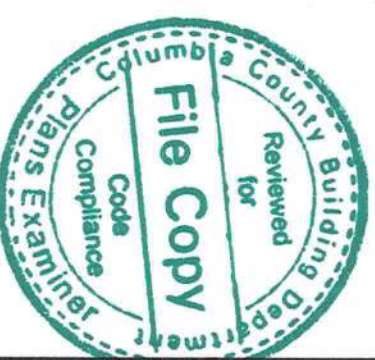
Mary C. Alford, PE
Florida Professional Engineer #68187

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Florida Gulf Sheds, Inc.
114 NE 10th Street
Trenton, FL 32693



FLORIDA - 17



Date	Revision	2208 SW 94th Way, Suite 100 Gainesville, TX 32608 352-359-3869	PLT E 5587 CA/ND 55833	Issued for
		Issue August 25, 2009		
www.sustainabledesigngroup.com				
A100				

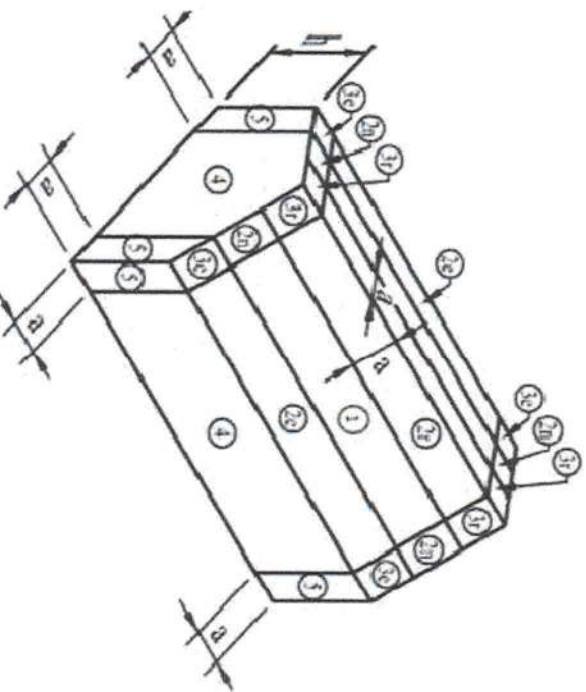
Simpson Connector Notes

- 1) SHIMSON CONNECTORS SPECIFIED ARE SHOWN AND MUST BE USED FOR THE PURPOSES SHOWN AND SHOULD NOT BE USED WITH OTHER CONNECTIONS NOT APPROVED BY THE DESIGN ENGINEER. MODIFICATIONS TO PRODUCTS OR CHANGES IN INSTALLATION PROCEDURES SHOULD NOT BE MADE WITHOUT THE APPROVAL OF THE ENGINEER. THE PERFORMANCE OF SLOT MOUNTED PRODUCTS IS AFFECTED BY THE TYPE OF MOUNTING. THE SOLE RESPONSIBILITY OF THE OWNER/CONTRACTOR FOR SUBSTITUTIONS FOR SHIMSON SIRONDA-TE CO. INC.'S PRODUCTS SHALL BE APPROVED BY ECOLA.
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Project: Sheld Ranch

Structural Notes

STRUCTURAL DESIGN IS IN ACCORDANCE WITH FPG 2020 7TH EDITION



Code Notes

Conversion of steel shed to Single Family Residence; 1) The shed / steel structure has been examined for the presence of lead paint. No lead was found. A lead abatement is not required. 2) The shed is to be prepared for connection to the main house. The shed is to be constructed with 2x6 joists and 2x10 rafters. The shed is to be constructed with 2x6 studs and 2x10 rafters. The shed is to be constructed with 2x6 studs and 2x10 rafters. The shed is to be constructed with 2x6 studs and 2x10 rafters. 3) The shed is to be constructed with 2x6 studs and 2x10 rafters. The shed is to be constructed with 2x6 studs and 2x10 rafters. The shed is to be constructed with 2x6 studs and 2x10 rafters. The shed is to be constructed with 2x6 studs and 2x10 rafters. 4) The shed is to be constructed with 2x6 studs and 2x10 rafters. The shed is to be constructed with 2x6 studs and 2x10 rafters. The shed is to be constructed with 2x6 studs and 2x10 rafters. The shed is to be constructed with 2x6 studs and 2x10 rafters. 5) The shed is to be constructed with 2x6 studs and 2x10 rafters. The shed is to be constructed with 2x6 studs and 2x10 rafters. The shed is to be constructed with 2x6 studs and 2x10 rafters. The shed is to be constructed with 2x6 studs and 2x10 rafters.	2020 FBC, 7th Ed. Code Version Building Type Manufacturer Agency Plan # V B N/A N/A N/A Utility 1 175 mph N/A Live 40 psi, Dead 20 psi Live 20 psi, Dead 20 psi N/A 1 Max 672 sqft Design is not HVHZ Compliant
---	---

S.100	General Notes/Cladding/Wind Loads
S.200	Framing Plans/Anchoring
S.300	Floor/Electrical Plans & Building Sections
S.400	Roof & Awning Plans/Details
A.100	Exterior Elevations

Mary C
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Afford
DN: c=US, o=The Sustainable
Design Group LLC

Alford

-04'00'

Mar. C. Alford, PE
Florida Professional Engineer #68187

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Trenton, FL 32693

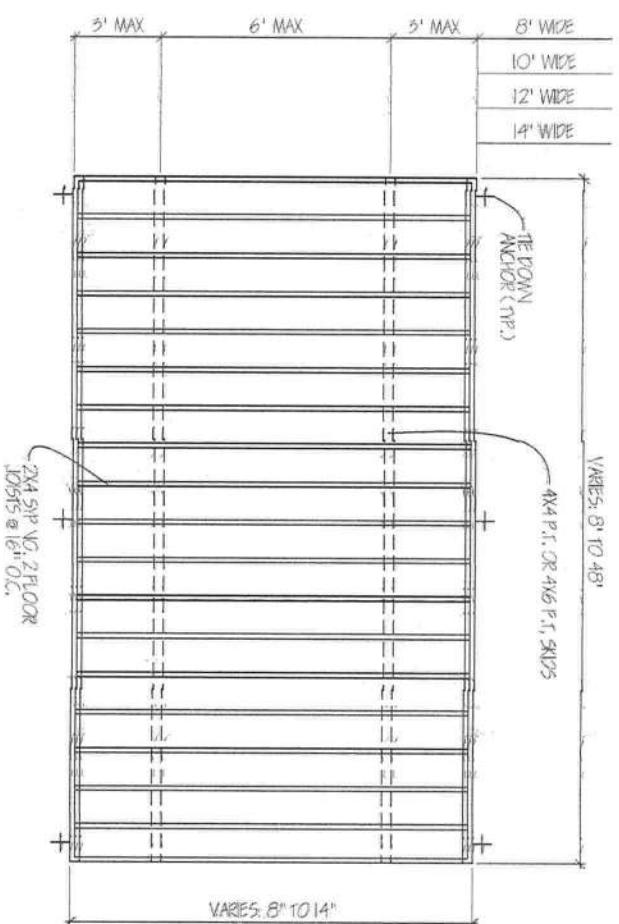


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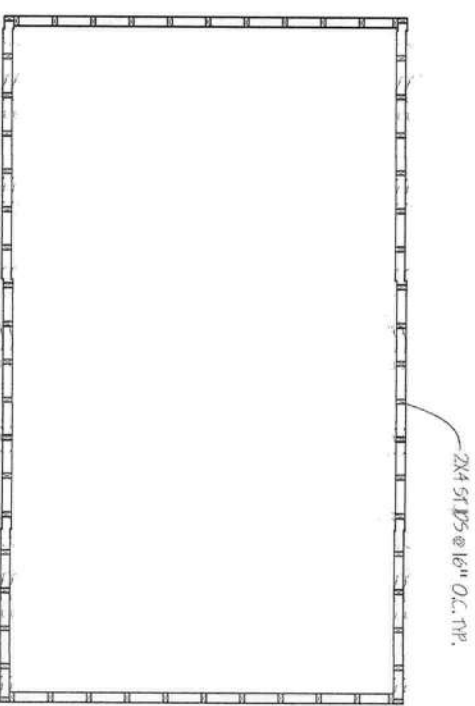
FL FE 68187 CA NO 28653	5208 SW 91st Way, Suite 110 Gainesville, FL 32608 352-339-9699
----------------------------	--

Date: August 17, 2021

S.100



Floor Framing Plan $1/4" = 1'-0"$



Wall Framing Plan 1/4" = 1'-0"

Header Schedule (Bearing Wall)

- 1) SPAN 10 4.0-0.1; (2) 2.6; USE SP NO. 2
OTHERWISE ON RANS
- 2) SPAN 10 6.0-0.1; (2) 2.6; USE SP NO. 2
- 3) SPAN 10 8.0-0.1; (2) 2.6; SP NO. 2
- 4) SPAN 10 8.0-0.1; (2) 2.6; SP NO. 2
@ ENCL. MAIL ONLY; (2) 2.6; SP NO. 2

NOTE: ALL BEAMS SHALL BE BUILT UP WITH 1" ϕ WOOD OR 7/16" ϕ 303
FLYER. WELDING SHALL BE 1/8" WELLS @ 16" O.C. ALONG EACH EDGE.
SPACES IF NECESSARY SHALL BE OCCURRED @ $\frac{1}{2}$ THE LENGTH OF THE
BEAM BETWEEN SUPPORTS

Header Stud Requirements

MAXIMUM 8'-0" WALL HEIGHT

MAXIMUM HEADER SPAN (FEET).

- 1) 3" O" (1) FULL LENGTH STUD ATTACH HEADER TO STUDS WITH (1) SIMPSON ECF GRIPPING CLIP, OR USE (1) HEADER STUD & (1) FULL LENGTH STUD EACH SIDE
- 2) 8" O" (1) HEADER STUD (1) FULL LENGTH STUD EACH SIDE
- 3) USE (1) L57N2 HEADER TO STUD EACH SIDE

Tie-Down Anchors

- 1) PLACE WITHIN 90" EACH CORNER OF BUILDING (MIN. 4 REQUIRED).
- 2) SPACE NOT MORE THAN 6' O.C. RUN PARALLEL TO THE RAINWATER.
- 3) THE DOWN ANCHORS TO BE 1" DIA. 30" L. ROD 4" SINGLE HEAVY ALUM. ANCHOR MODEL 99055. MANUFACTURED BY THE DOWN ENGINEERING CO. OF.
- 4) INSTALL PER THE DOWN MANUFACTURER'S RAINWATERING SPECIFICATIONS.
- 5) WHERE APPLICABLE, INSTALLER MAY USE SINGLE OR STAGGED, NON-REQUIRED CHAIN LOCK TO SUPPORT RAINWATER FLOORS. SHALL BE PLACED ON 16" MAX. JOISTS AND SPACED MAXIMUM 48" PER FT. SPACED TO BELOW AROUND THE VENT OF THE RAINWATER. 1" SHIM WOOD WEDGE MAY BE USED FOR LEVELING. EXPOSED OPEN CELL INSULATION ACCEPTABLE FOR STEEP SLOPE.

SPIN	4X4	4X6
14'	4'-6"	6'-0"
12'	5'-0"	7'-4"
10'	6'-0"	8'-0"
8'	6'-0"	8'-0"

Framing Notes

- 1) IN JCS STANDARD CHEMICALS AND ALL FORMING FOR B-0
HOLLOW WALL BE 2.04 SF + 2 COVER LINERS SHALL
BE SPACED AT 16" O.C.
- 2) ALL FORMING COMING IN CONTACT WITH CONCRETE EARTH OR
WATER SHALL BE PRESSURE TREATED.
- 3) DO NOT ALLOW JOINTS BETWEEN PLATES TO HAVE A JOINTS
LINE LOCATED WITHIN THE CENTER THIRD OF A WALL LENGTH THE
MINIMUM JOINT SHALL BE 4'-0" TO 8'-0" MINIMUM. ALL SLABS
REQUIRED ELEMENTARY REQUIREMENT SHALL BE 16" TO 18"
NAIL SPACING THIRD OF WALL AND 18" TO 24" NAILS FOR
OTHER APPLICATIONS. MINIMUM 1" SLOPE AT FILLER LOCATIONS.
EXTERIOR SURFACES SHALL BE FINISH
- 4) SHORDBARS ATTACHED WITH 60 NAILS SPACED @ 4" O.C.
INTERIOR
- 5) INNER FACE OF EXTERIOR STAINLESS STEEL SHALL BE ATTACHED WITH 60 NAILS @ 4" O.C. BE 2' X 6"
9'-0" INTERIOR FACE SHALL BE ATTACHED WITH 60 NAILS
PRELIMINARY WALL MAY BE USED IN LIEU OF EX COMMONS,
EQUVALENT 2'-3/8" COLD GALVANIZED OR
EQUVALENT.

Fastener Schedule for Structural Members

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING OF FASTENERS
JOIST TO SILL OR GIRDE, TOP NAIL	(3) 8D	--
JOIST TO GIRDE OR LESS TO EACH JOIST, FACE NAIL	(2) 8D	--
SOLE PLATE TO JOIST OR BLOCKING, FACE NAIL	16D	16" O.C.
TOP OR SOLE PLATE TO STUD, END NAIL	(2) 16D	--
STUD TO SOLE PLATE, TOP NAIL	(4) 8D TOP NAIL OR (2) 16D END NAIL	--
DOUBLE STUDS, FACE NAIL	16D OR 3"x10/13 @ 8" O.C.	24" O.C.
DOUBLE TOP PLATES, FACE NAIL	(3) 16D NAIL 5	16" SPACE 16" O.C.
SOLE PLATE TO JOIST OR BLOCKING AT BRACKET WALL PANELS	(3) 16D	16" O.C.
DOUBLE TOP PLATES MINIMUM 24 INCH ON SET OF END JOISTS, FACE NAIL IN LAPLED AREA	(3) 8D	--
BLOCKING BETWEEN JOISTS OR RIFERS TO TOP PLATE, TOP NAIL	8D	6" O.C.
BM, JOIST TO TOP PLATE, TOP NAIL TOP PLATES LAYS AT CORNERS AND INTERSECTIONS, FACE NAIL	(2) 16D	--
BL, TOP PLATE AFTER TWO PEGS WITH 1/2" SPACER	16D	16" O.C. AROUND EACH EDGE
CONTINUED BEAMER, TWO PEGS	16D	16" O.C. AROUND EACH EDGE
CEILING JOISTS TO PLATE, TOP NAIL	(3) 8D	--
CONTINUED BEAMER TO STUD, TOP NAIL	(4) 8D	--
CEILING JOIST LAYS OVER PARTITIONS, FACE NAIL	(3) 16D	--
CEILING JOIST TO PARALLEL PARTIES, FACE NAIL	(3) 16D	--
BEAMER TO PLATE, TOP NAIL	(3) 8D	--
BRACE TO EACH STUD AND PLATE, FACE NAIL	(2) 8D	--
BL, TOP CONCRETE STUDS	16D	24" O.C.
BL, TOP GIRDERS AND BEAMS	2OD @ 32" O.C. OR 3"x10/13 @ 24" O.C.	NAIL EACH LAYER 15 FOLLOWS, SPACED @ TOP AND BOTTOM TWO NAILS @ EACH END AND @ SPlice
ROOF PARTIES TO RIDGE, VALLEY OR TOP NAIL	(2) 16D	--
FACE NAIL	(2) 16D	--
BL, TOP LIVE BEAM - TOP LOAD 2	16D	2 ROWS 12" O.C. SPACED TO 8 BOTTOM
PLY MAX DEPTH 12"	16D	3 ROWS 12" O.C. SPACED TO 8 BOTTOM
DEPTH > 12"	16D	4 ROWS 12" O.C. SPACED TO 8 BOTTOM
4 OR MORE PLY	1/2" BOLTS	1/2" A 307 BOLTS TO 8 BOTTOM, SPACED 24" O.C. KEEP 3" FROM EDGES.
NOTE		
FOR ADDITIONAL NAILING REQUIREMENTS, REFER TO SECTION 2504.9 FASTENING AND TABLE 2504.9.1, FASTENING SCHEDULE IN THE FLORIDA BUILDING CODE 2007, 6TH EDITION.		

Mary C

Alford

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Mary C Alford

Date: 2019.10.18
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Mary C. Alford, PE
 Florida Professional Engineer #68187

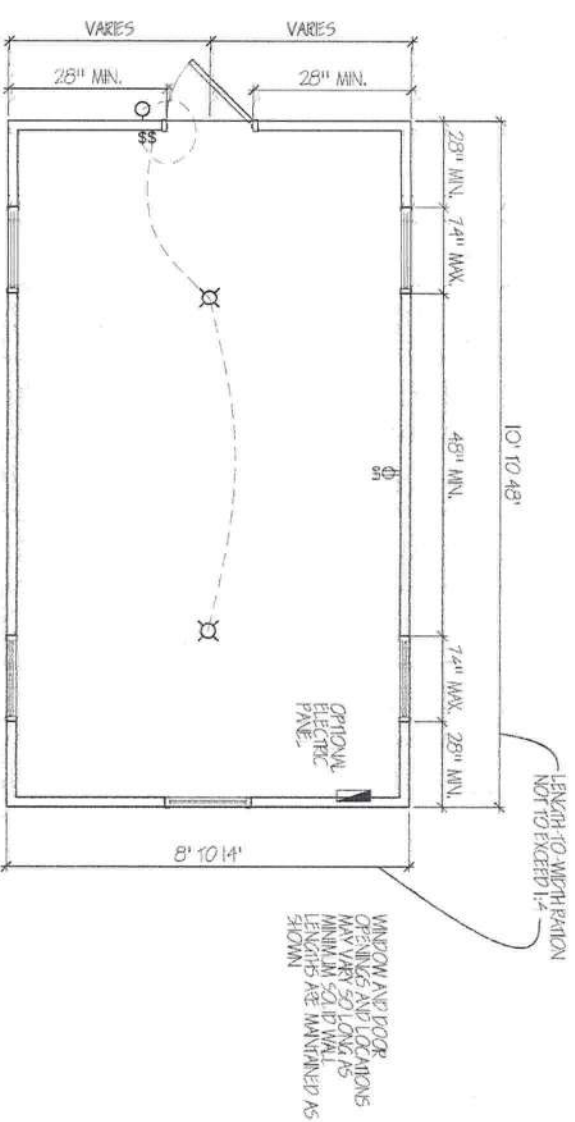
Florida Professional Engineer #68187

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S.200


$$1/4'' = 1'-0''$$

Electrical Symbol Legend	
SYMBOL	DESCRIPTION
	GROUND; FILL; CONC. IN INTERP. RECEPTACLE
	WALL MOUNTED FIXTURE (W/L ETC.) LAMP

SYMBOL	DESCRIPTION
	GROUND/FALLT CIRCUIT INTERRUPT RECEPTACLE
	WALL MOUNTED FIXTURE W/ LED LAMP
	CEILING MOUNTED FIXTURE W/ LED LAMP
\$	5W/6.5 POS. SWITCH

A. ELECTRIC WORK TO BE IN ACCORDANCE WITH CURRENT NEC CODE. ELECTRICAL INSTALLATION IS OPTIONAL, 125 AMP PANEL, LOCATION TO BE FIELD'S 5'0" LONG BY 5'6" WIDE. ACCESS SPACE IS PROVIDED AND ALL OTHER NEC CODE REQUIREMENTS ARE MET. A. RECEPTACLES WILL BE GFI PROTECTED IN COMPLIANCE WITH CURRENT NEC

$$1/2'' = 1'-0''$$


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c=US, email=A0141000000017058-36EA0000181D, cn=Mary C Alford
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 Florida Professional Engineer #68187

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Florida Gulf Sheds, Inc.
114 NE 10th Street
Trenton, FL 32693

Date	Revision	3208 SW 9nd Way, Suite 110 Gainesville, FL 32608 352-339-8899	FL PE 00817 CA NO 28835
8/30/20	Reiter Training Certification		
	Date: October 14, 2019		

Change in
\$300

