Building Notes

1) THESE STRUCTURAL DRAWINGS SHALL BE USED FOR THE CONSTRUCTION Of THE SHOWN RESIDENTIAL R3 BUILDINGS. IN THE EVENT Of DIMENSIONAL DISCREPANCY, NOTIFY THE ENGINEER FOR RESOLUTION OF CONFLICT. ANY DEVIATION FROM THESE DRAWINGS MUST BE APPROVED BY THE ENGINEER.
2) THIS IS TO CERTIFY THAT THE WOOD FRAME STORAGE BUILDING AS SHOWN ON THESE DRAWINGS HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2020 FLORIDA BUILDING CODE WITH ALL REVISIONS TO ASCE 7-16 FOR UP TO 175 MPH WIND VELOCITY.
3) MATERIALS.
   ALL VERTICAL LUMBER TO BE NO 2 GRADE SPF OR EQUIVALENT. ALL HORIZONTAL FLOOR FRAMING TO BE NO 2 GRADE SYP. ALL PLYWOOD/PLYWOOD GUSSETS SHALL CONFORM TO APA PDS-04. ALL CONNECTORS/FASTENERS (SIMPSON STRONG TIE OR APPROVED) APPLICABLE CODES, TO ASSURE SUPPORT.
   * NO 2 GRADE SPF LUMBER OR EQUIVALENT IS APPLICABLE UP TO 155MPH SPEED. FOR SPEEDS HIGHER THAN 155MPH USE NO 2 GRADE SYP OR EQUIVALENT FOR SPEEDS UP TO 175MPH.
4) DIMENSIONS LABELED BY LETTERS VARY BY MODEL AND SIZE OF BUILDING AND SHALL BE OBTAINED FROM THE PROVIDED SCHEDULES.
5) NON-STRUCTURAL DETAILS AND ITEMS MAY BE CHANGED AT OWNERS DISCRETION.
6) ALL FASTENERS AND CONNECTORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE HOT DIP GALVANIZED (G 185) OR STAINLESS STEEL. ALL LUMBER IN CONTACT WITH THE EARTH SHALL BE PRESSURE TREATED WITH PRESERVATIVE. EXTERIOR NON-TREATED WOOD SIDING SHALL NOT BE LESS THAN 12" FROM EXPOSED EARTH.
7) ALL SITE WORK, INCLUDING BUT NOT LIMITED TO, CONCRETE/ANCHORING/ELECTRICAL CONNECTIONS, SHALL BE BY OTHERS.

Simpson Connector Notes

1) SIMPSON CONNECTIONS SPECIFIED ARE DESIGNED AND MANUFACTURED FOR THE PURPOSES SHOWN, AND SHOULD NOT BE USED WITH OTHER CONNECTORS 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 SUCH MODIFIED PRODUCTS OR ALTERED INSTALLATION PROCEDURES IS THE SOLE RESPONSIBILITY OF THE OWNER/CONTRACTOR.
2) SUBSTITUTIONS FOR SIMPSON STRONG-TIE CO. INC'S PRODUCTS SHALL BE APPROVED IF EQUAL AND APPROVED IN WRITING BY THE ENGINEER.

INSTRUCTIONS FOR THE INSTALLER:

1) ALL SPECIFIED FASTENERS MUST BE INSTALLED ACCORDING TO THE INSTRUCTIONS IN THE SIMPSON CATALOG. INCORRECT FASTENER QUANTITY, SIZE, TYPE, MATERIAL, OR FINISH MAY CAUSE THE CONNECTION TO FAIL. 16D FASTENERS ARE COMMON NAILS (18GA X 3-1/4 ") UNLESS OTHERWISE SPECIFIED.
2) BOLT HOLES SHALL BE A MINIMUM OF 1/32" AND A MAXIMUM OF 1/16" LARGER THAN THE BOLT DIAMETER.
3) INSTALL ALL SPECIFIED FASTENERS BEFORE LOADING THE CONNECTION.
4) PNEUMATIC OR POWDER-ACTUATED FASTENERS MAY DEFLECT AND INJURE THE OPERATOR OR OTHERS. NAIL GUNS MAY BE USED TO INSTALL CONNECTORS, PROVIDED THE CORRECT QUANTITY AND TYPE OF NAILS ARE PROPERLY INSTALLED IN THE NAIL HOLES. GUNS WITH NAIL HOLE-LOCATING MECHANISMS SHOULD BE USED. FOLLOW THE MANUFACTURERS INSTRUCTIONS AND USE THE APPROPRIATE SAFETY EQUIPMENT.

Structural Notes

STRUCTURAL DESIGN IS IN ACCORDANCE WITH FBC 2020 7TH EDITION

General Notes

1) 1) THIS COVER SHEET AND ADDITIONAL ACCOMPANYING ATTACHMENT SHEETS REPRESENT MINIMUM DESIGN REQUIREMENTS FOR CONSTRUCTION OF THE ATTACHED SEALED PLANS IN ACCORDANCE WITH ASCE 7-16, FOR WIND PRESSURES SITED ON BUILDINGS IN THE ULTIMATE 175 MPH WIND ZONE (NOMINAL WIND SPEED 136 MPH) & NEC.
2) THE OWNER/CONTRACTOR SHALL VERIFY ALL PRODUCT AVAILABILITY, DIMENSIONS, SITE CONDITIONS, AND EQUIPMENT REQUIREMENTS BEFORE COMMENCING ANY WORK. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES AND OMISSIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
3) THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS, OR TIE-DOWNS.
4) DESIGN LOADS
   THE STRUCTURAL SYSTEM FOR THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH SECTION 1609 OF THE 2020 FLORIDA BUILDING CODE.
5) N/A
6) ALL SITE RELATED WORK SUCH AS, BUT NOT LIMITED TO, FOUNDATION, TIE DOWN AND ELECTRICAL SERVICE SHALL BE BY OTHERS AND AS PER THE AHJ. NO ELECTRICAL, PLUMBING OR HVAC WORK IS INCLUDED IN THIS SHELL DESIGN
7) SITE ENVIRONMENTAL STUDIES, IF REQUIRED, ARE TO BE PERFORMED BY OTHERS.
8) PRODUCT/MATERIAL SUBSTITUTION IS PERMITTED IF THE SUBSTITUTE IS EQUAL OR GREATER THAN THE SPECIFIED PRODUCT. TESTING DATA AND/OR VERIFICATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
9) ALL REQUIRED PRODUCTS SHALL MEET FLORIDA PRODUCT APPROVAL RULE 61G20-3.006 (FAC)
10) ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. DO NOT SCALE THE DRAWINGS. FOLLOW WRITTEN DIMENSIONS ONLY. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH THE AFFECTED PART OF THE WORK.
11) CH 633 PLAN REVIEW AND INSPECTIONS SHALL BE CONDUCTED BY LOCAL FIRE AND SAFETY INSPECTOR

Project: Shed Ranch

Basic Building Structural Information

This table was prepared using KiloNewton LLC's internal calculations from ASCE 7-16

This information was created in accordance with Chapter 16 of the 2020 Florida Building Code. The Component and Cladding Pressures were generated using the method in Part 2 of Chapter 30 of ASCE 7-16.

Floor & Roof Live Loads (R-3 • Single-Family Dwellings)

Attics:	20 psf w/ storage, 10 psf w/o storage
Habitable Attics, Bedroom:	30 psf
All Other Rooms:	40 psf
Garage:	40 psf
Roofs:	20 psf

(Balcony and Deck live loads are 150% of the adjacent space served.)

Wind Design Data

Ultimate Wind Speed: 175 mph Nominal Wind Speed: 136 mph
Risk Category: II Wind Exposure: B
Enclosure Classification: Enclosed End Zone Width (a): 4.00 ft.
Internal Pressure Coefficient: 0.18 Roof Geometry: Gable
Roof Slope: 5.0 in 12 (22.6°) Mean Roof Height: 20 ft.

(The Ultimate Wind speed was used to determine the Component and Cladding design pressures.)

(This Building is in a Wind-Borne Debris Region, and all exterior glazed openings shall be protected from wind-borne debris.)

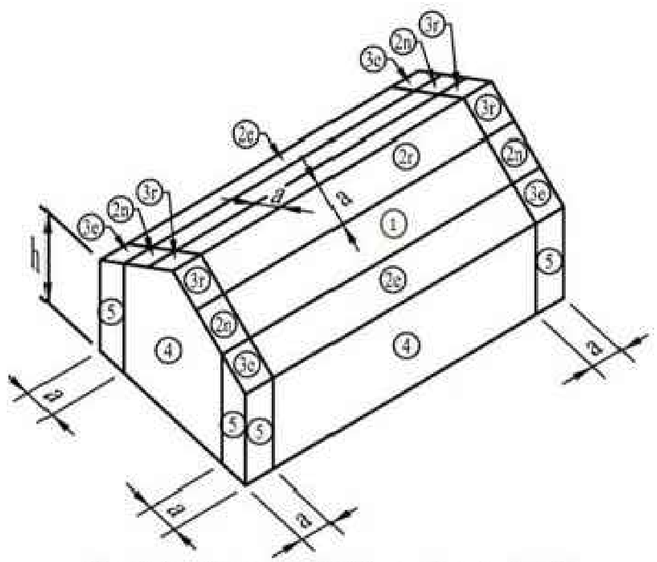
Components and Cladding

Roof Zone 1:	+29.7 psf max., -61.58 psf min.
Roof Zone 2e:	+29.7 psf max., -61.58 psf min.
Roof Zone 2n:	+29.7 psf max., -108.22 psf min.
Roof Zone 2r:	+29.7 psf max., -108.22 psf min.
Roof Zone 3e:	+29.7 psf max., -108.22 psf min.
Roof Zone 3r:	+29.7 psf max., -122.22 psf min.
Wall Zone 4:	+38.25 psf max., -59.7 psf min.
Wall Zone 5:	+55.04 psf max., -73.7 psf min.

Design Soil Bearing Capacity: 2,000 psf

DRAWING INDEX

Components & Cladding



Notes for Future Conversion of Shell Shed to Single Family Residence:

1) THIS RESIDENTIAL R3 / SHELL STRUCTURE HAS BEEN ENGINEERED TO MEET THE STRUCTURAL REQUIREMENTS FOR HUMAN OCCUPATION AS A SINGLE FAMILY RESIDENCE IN COMPLIANCE WITH FBC 2020 RESIDENTIAL WITH LATEST AMENDMENTS.
2) TO BE PREPARED FOR CONVERSION, SHELL MUST ALSO:
3) BE CONSTRUCTED WITH DOORS AND WINDOWS TO MEET MINIMUM EGRESS REQUIREMENTS FOR THE FINAL INTERIOR LAYOUT - BY OTHERS.
4) BE CONSTRUCTED WITH APPROVED VAPOR BARRIER BEHIND THE WALL SHEATHING
5) PROVIDE ADEQUATE DEPTH IN CEILING FOR REQUIRED INSULATION
6) ALL WORK DONE BEYOND SHELL STAGE SUCH AS BUT NOT LIMITED TO, INSULATION, INTERIOR WALLS, INTERIOR FINISH, ELECTRICAL, PLUMBING, MECHANICAL, ENERGY COMPLIANCE, AND ANY OTHER WORK DONE ON SITE BY OTHERS SHALL BE SUBJECT TO LOCAL PERMITTING, PLAN APPROVAL AND INSPECTION. STATE LABEL ONLY COVERS EXTERIOR SIDING, ROOFING DOORS AND WINDOWS AS SHOWN ON THE FL APPROVED PLANS AND STRUCTURAL FRAMING OF EXTERIOR WALLS, ROOF AND FLOOD FRAMING.

Code Notes

Code Version	2020 FBC Residential, 7th Ed. w/ 2021 Suppliments
Building Type	MANUFACTURED BUILDINGS
Manufacturer	Florida Gulf Sheds, Inc
Agency Plan #	Florida-17
Construction Type	VB
Fire Protection	N/A
Fire Suppression System	N/A
Occupancy	RESIDENTIAL R3
Allowable Stories	1
Wind Velocity	175 mph* (see Material under Building Notes)
Fire Rating Exterior Walls	N/A
Max Floor Load	Live 120 psf, Dead 10 psf
Roof Load	Live 20 psf, Dead 8 psf
"R" Ratings	N/A
Modules per Building	1
Square Footage	Max 672 sqft
HVHZ Compliant	Design is not HVHZ Compliant

FLORIDA - 20

Mary C Alford

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Mary C. Alford, PE
Florida Professional Engineer #68187

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Florida Gulf Sheds, Inc.
2490 NE 200th Ave
Williston, FL 32696

KILONEWTON

Date	Revision

610 Gold AVE SW, Suite 236
Albuquerque, NM 87102, USA
505 312-8490

Date: October 05, 2022

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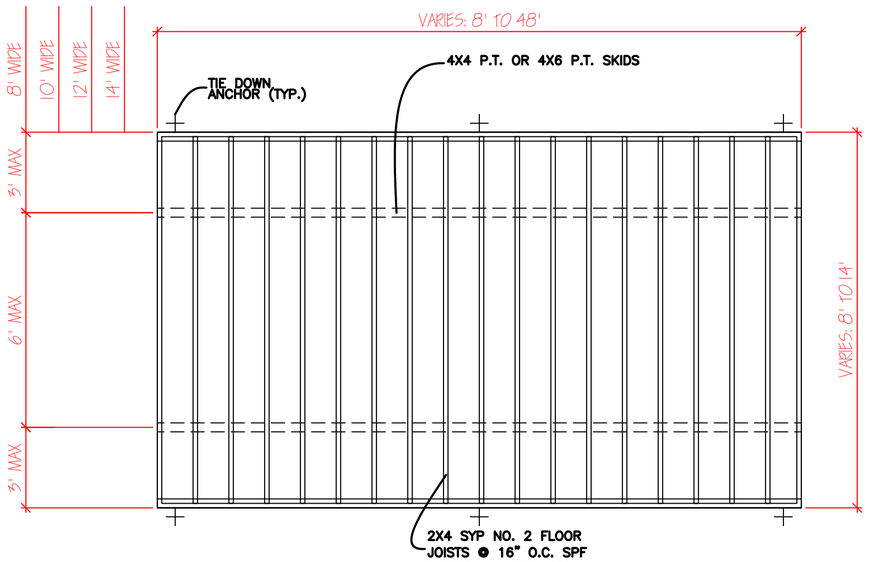
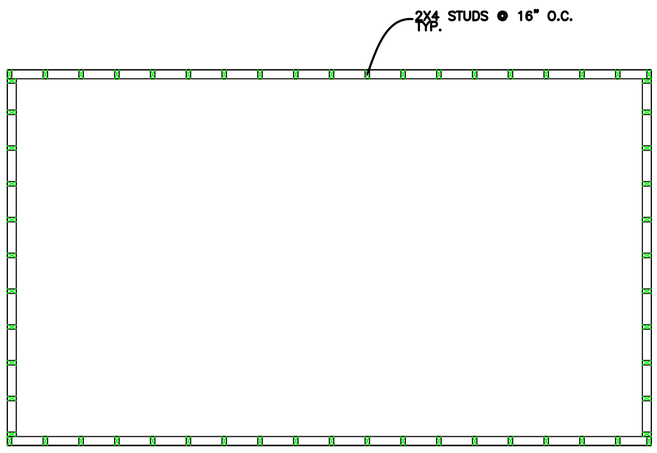
Drawing no: S.100



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



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

Header Schedule (Bearing Wall)

1) SPANS UP TO 4'–0": (2) 2X4; USE SPF NO. 2 UNLESS STATED OTHERWISE ON PLANS
2) SPANS UP TO 6'–0": (2) 2X6; USE SPF NO. 2
3) SPANS UP TO 8'–0": (2) 2X8; SPF NO. 2
4) SPANS UP TO 8'–0" @ END WALL ONLY: (2) 2x6 SYP NO. 2

NOTE: ALL BEAMS SHALL BE BUILT UP WITH 1/2" PLYWOOD OR 7/16" OSB FILLER. NAILING SHALL BE 16D NAILS @ 16" O.C. ALONG EACH EDGE. SPLICES, IF NECESSARY, SHALL BE LOCATED @ 1/4 THE LENGTH OF THE BEAM BETWEEN SUPPORTS.

Header Stud Requirements

MAXIMUM 8'–0" WALL HEIGHT

MAXIMUM HEADER SPAN (FEET):

1) 3'–0" (1) FULL LENGTH STUD. ATTACH HEADER TO STUDS WITH (1) SIMPSON FC4 FRAMING CLIP, OR USE (1) HEADER STUD & (1) FULL LENGTH STUD EACH SIDE.
2) 8'–0" (1) HEADER STUD, (1) FULL LENGTH STUD EACH SIDE.
3) USE (1) LSTA 12 HEADER TO STUD EACH SIDE.

Skid Placement Notes

1) FOR 14' & 12' WIDE BUILDINGS, PLACE THE EXTRA SKIDS 1FT FROM EACH WALL.

Tie-Down Anchors

1) PLACE WITHIN 9" EACH CORNER OF BUILDING (MIN. 4 REQUIRED).
2) SPACE NOT MORE THAN 8' O.C.; RUN PARALLEL TO THE RUNNERS.
3) TIE DOWN ANCHORS TO BE 1/2" DIA X 30" ROD, 4" SINGLE HELIX AUGER ANCHOR MODEL 59055, MANUFACTURED BY TIE–DOWN ENGINEERING, OR EQ.
4) INSTALL PER TIE–DOWN MANUFACTURER'S ENGINEERING SPECIFICATIONS.
5) WHERE APPLICABLE, INSTALLER MAY USE SINGLE OR STACKED, NON–GROUTED CMU BLOCK TO SUPPORT RUNNERS. BLOCKS SHALL BE PLACED ON 16"X16" ABS PADS AND SPACED MAXIMUM AS PER THE SCHEDULE BELOW ALONG THE LENGTH OF THE RUNNER. PT SHIM WOOD WEDGE MAY BE USED FOR LEVELING. EXPOSED OPEN CMU CELLS ARE ACCEPTABLE FOR SHED USE
6) THE TIE DOWN ANCHORS MUST MEET REQUIREMENTS OF APPLICABLE LOADS AND CODES

SPAN	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) UNLESS STATED OTHERWISE ON PLANS, ALL FRAMING FOR 8'–0" HIGH WALLS SHALL BE 2X4 SPF #2 GRADE LUMBER UP TO 155MPH WIND SPEEDS AND FOR SPEEDS ABOVE 155MPH 2X4 SYP #2 GRADE LUMBER IS REQUIRED. STUDS SHALL BE SPACED AT 16" O.C.
2) ALL FRAMING COMING IN CONTACT WITH CONCRETE, EARTH, OR MASONRY SHALL BE PRESSURE TREATED.
3) DOUBLE BEARING TOP PLATES SHALL HAVE ALL JOINTS LAP–SPLICED. WITHIN THE CENTER THIRD OF A WALL LENGTH, THE MINIMUM LAP SHALL BE 4'–0". A 2'–0" MINIMUM LAP SPLICE IS REQUIRED ELSEWHERE. NAILING REQUIREMENT SHALL BE (16) 16D NAILS FOR CENTER THIRD OF WALL AND (12) 16D NAILS FOR OTHER APPLICATIONS. MINIMUM (1) STUD AT SPLICE LOCATION.
4) EXTERIOR SHEATHING SHALL BE EITHER:
   SMARTSIDE ATTACHED WITH 8D NAILS SPACED @ 4" O.C. EDGE AND 6" INTERIOR
   INNER–SEAL OSB APA RATED SHEATHING 7/16" OR 15/32". SHALL BE ATTACHED WITH 6D NAILS, 4" O.C. EDGE AND 6" O.C. INTERIOR. 15/32" SHALL BE ATTACHED WITH 8D NAILS, 4" O.C. EDGE AND 6" O.C. INTERIOR.
   PNEUMATIC NAILS MAY BE USED IN LIEU OF 8D COMMONS, USE PASLODE 2– 3/8"x0.113 GALVANIZED OR EQUIVALENT.

Fastener Schedule for Structural Members

DESCRIPTION OF BUILDING ELEMENTS	NUMBER AND TYPE OF FASTENER	SPACING OF FASTENERS
JOIST TO SILL OR GIRDE, TOE NAIL	(3) 8D	--
1"X6" SUBFLOOR 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, TOE NAIL	(4) 8D TOE NAIL OR (2) 16D END NAIL	--
DOUBLE STUDS, FACE NAIL	16D OR 3"X0.131 @ 8" O.C.	24" O.C.
DOUBLE TOP PLATES, FACE NAIL	(8) 16D NAILS	LAP SPLICE
	16D	16" O.C.
SOLE PLATE TO JOIST OR BLOCKING AT BRACED WALL PANELS	(3) 16D	16" O.C.
DOUBLE TOP PLATES, MINIMUM 24 INCH OFFSET OF END JOINTS, FACE NAIL IN LAPPED AREA	(8) 16D	--
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOE NAIL	(3) 8D	--
RIM JOIST TO TOP PLATE, TOE NAIL	8D	6" O.C.
TOP PLATES, LAPS AT CORNERS AND INTERSECTIONS, FACE NAIL	(2) 16D	--
BUILT–UP HEADER, TWO PIECES WITH ½" SPACER	16D	16" O.C. ALONG EACH EDGE
CONTINUED HEADER, TWO PIECES	16D	16" O.C. ALONG EACH EDGE
CEILING JOISTS TO PLATE, TOE NAIL	(3) 8D	--
CONTINUOUS HEADER TO STUD, TOE NAIL	(4) 8D	--
CEILING JOIST, LAPS OVER PARTITIONS, FACE NAIL	(3) 16D	--
CEILING JOIST TO PARALLEL RAFTERS, FACE NAIL	(3) 16D	--
RAFTER TO PLATE, TOE NAIL	(3) 10D	--
1" BRACE TO EACH STUD AND PLATE, FACE NAIL	(2) 8D	--
BUILT–UP CORNER STUDS	16D	24" O.C.
BUILT–UP GIRDERS AND BEAMS	20D @ 32" O.C. OR 3"X0.131 @ 24" O.C.	NAIL EACH LAYER AS FOLLOWS: STAGGER @ TOP AND BOTTOM. TWO NAILS @ EACH END AND @ SPLICE
ROOF RAFTERS TO RIDGE, VALLEY OR HIP RAFTERS: TOE NAIL FACE NAIL	(4) 16D (4) 16D	-- --
BUILT–UP LVL BEAM – TOP LOAD 2 PLY, MAX. DEPTH 12"	16D	2 ROWS, 12" O.C. STAGGERED TOP & BOTTOM
DEPTH > 12"	16D	3 ROWS, 12" O.C. STAGGERED TOP & BOTTOM
4 OR MORE PLY	½" BOLTS	½" A–307 BOLTS TOP & BOTTOM, STAGGERED 24" O.C. KEEP 3" FROM EDGES

NOTE:
FOR ADDITIONAL NAILING REQUIREMENTS, REFER TO SECTION 2304.9, FASTENING AND TABLE 2304.9.1, FASTENING SCHEDULE IN THE FLORIDA BUILDING CODE 2017, 6TH EDITION.

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Florida Gulf Sheds, Inc.
2490 NE 200th Ave
Williston, FL 32696

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610 Gold AVE SW, Suite 236
Albuquerque, NM 87102, USA
505 312-8490

Date: October 05, 2022

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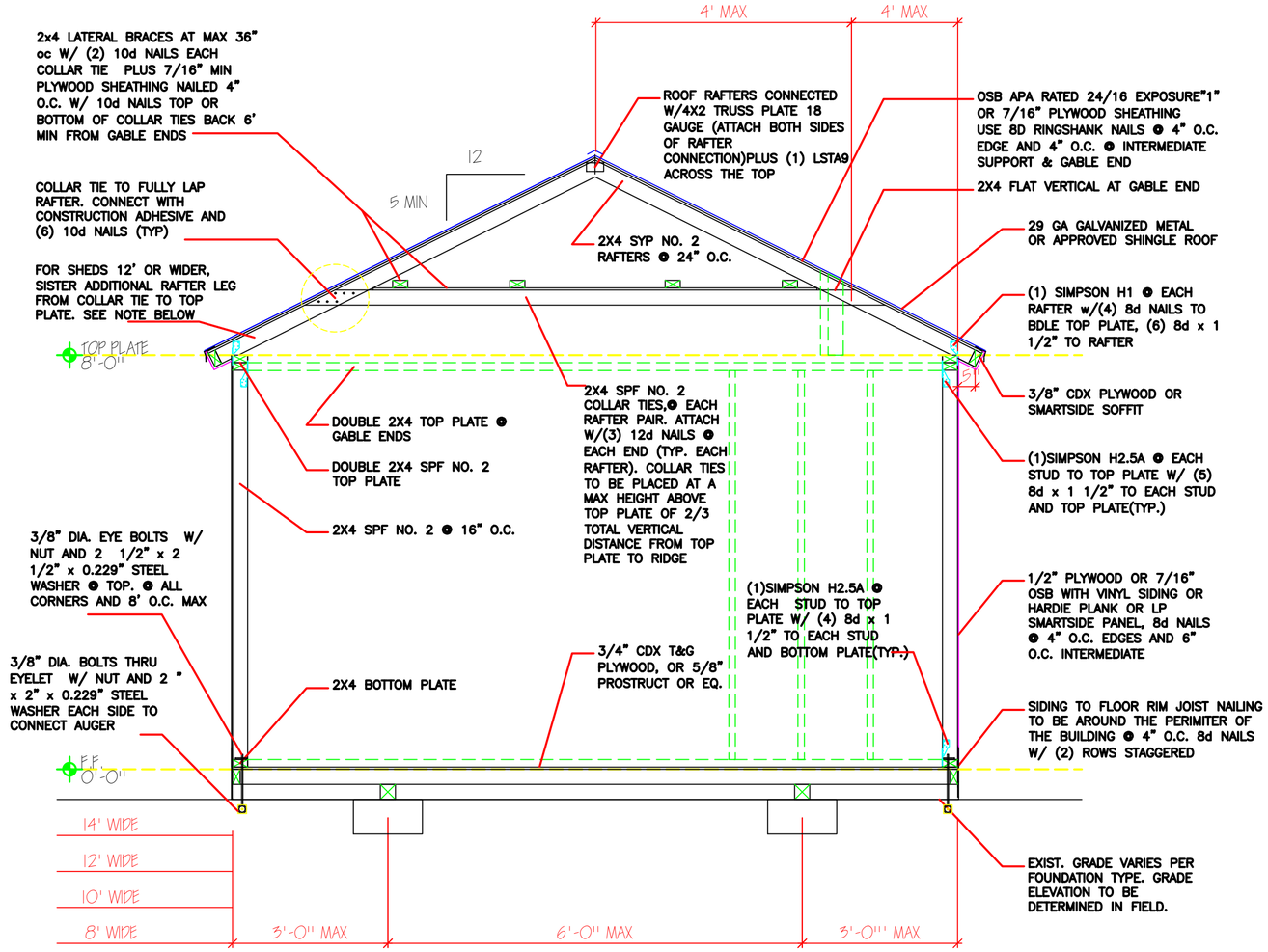


Typ. Building Section @ Gable 1/2" = 1'-0"

MIN 4x4 PT SKIDS TO BE PLACED AT MAXIMUM SPACING AS ABOVE. (2) SKIDS MIN. UP TO 12' WIDTH. USE (3) OR (4) SKIDS FOR LARGER WIDTHS

–OR –

USE 2x6 PT FLOOR JOISTS @ 16" oc UP TO 8' FREE SPAN

FOR SHED 12' WIDE AND OVER, USE 2x6 RAFTERS

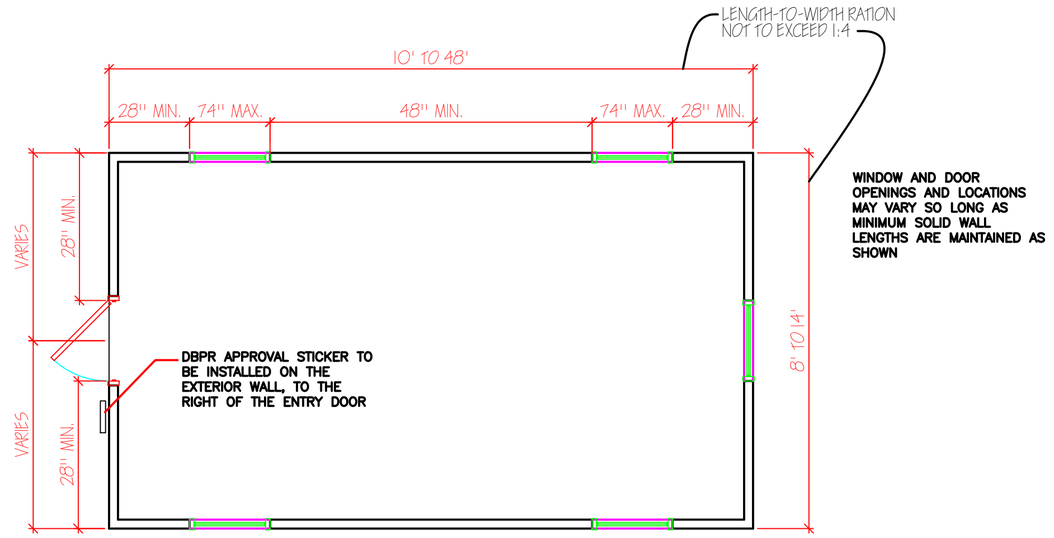
–OR –

SISTER ADDITIONAL 2x4 RAFTER LEG FROM DIRECTLY BELOW COLLAR TIE TOP TOP PLATE

ENDS OF COLLAR TIES TO BE PLACED NO MORE THAN 4' (MEASURED HORIZONTALLY) FROM EITHER END OF RAFTER MEMBER.

ALL WOOD PLACE WITHIN 12" OF GRADE SHALL BE TREATED FOR TERMITE RESISTANCE.

GUTTERS MAY BE INSTALLED ON SITE BY OTHERS.



Typical Floor Plan 1/4" = 1'-0"

DOOR AND WINDOW SCHEDULE

CATEGORY	SUB CATEGORY	MANUFACTURER	PRODUCT DESCRIPTION	APPROVAL NUMBER
Doors				
EXTERIOR DOORS	SWINGING	Jeld-Wen	Steel Nine-light	FL 12769.2
Windows				
WINDOWS	SINGLE / DOUBLE HUNG	Jeld-Wen	Single Hung	FL 14095.5
MISC				
ROOFING PRODUCT	NON-STRUCT METAL	Reeds Metal	CERAM-A-STAR	FL 24508 R1
PANEL WALL	SIDING	LP	Smartside	FL 9190.1
PANEL WALL	SOFFITS	LP	Smartside	FL 9103.1

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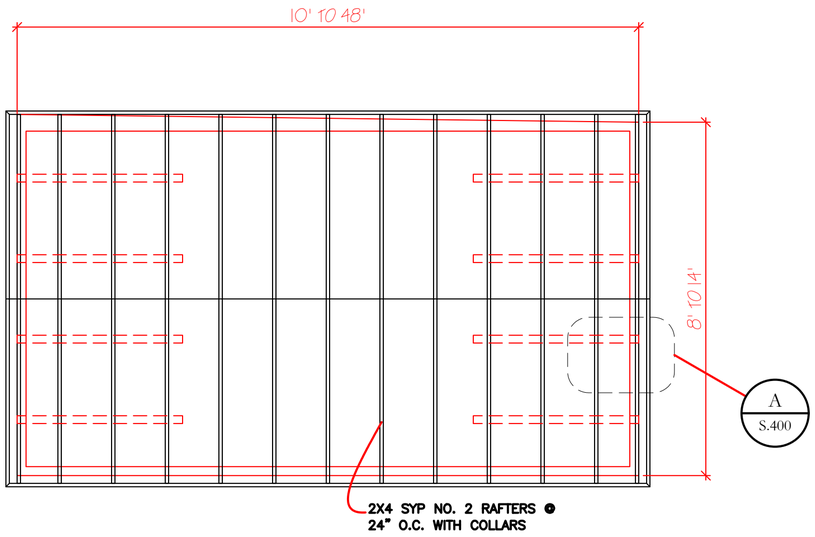
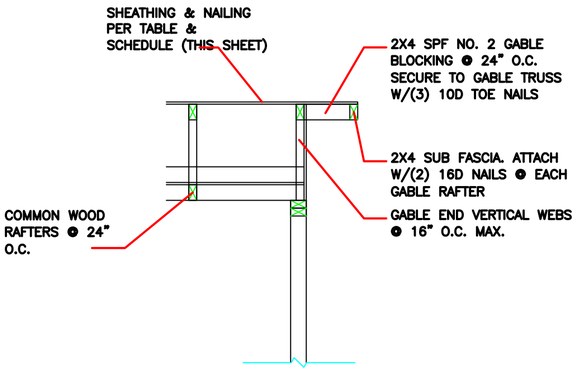


Roof Framing Plan 1/4" = 1'-0"



A - Drop Gable, 6" to 12" Overhang 1/2" = 1'-0"

Roof Sheathing Fastening Notes

NAILING:

ALL ZONES: USE 8D RINGSHANK NAILS 4" O.C. EDGE & 4" INTERMEDIATE

NOTE:

IF PNEUMATIC NAILS ARE USED, USE A PASLODE OR EQUIVALENT, 2-3/8"X0.113 THREADED, COATED NAIL IN LIEU OF 8D RINGSHANK NAILS CALLED FOR ABOVE.

Roof Coverage

29 GA GALVANIZED METAL ROOF OR SHINGLES SHALL COMPLY WITH ASTM D 7158 CLASS H OR ASTM D 3161 CLASS F OR TAS 107 OR AND R905.2.6.1 & TABLE R905.2.6.1 . ROOFING SHALL HAVE FLORIDA OR MIAMI – DADE PRODUCT APPROVAL FOR ULT WIND SPEED OF 180 MPH. INSTALL PER MANUFACTURER'S INSTRUCTIONS

Sheathing Requirements

SHINGLE OR METAL ROOF:
7/16" OR 1/2" C-D, GROUP 2, EXP. 1 APA RATED 24/16

WHERE PERMITTED BY LOCAL AUTHORITY, INNER SEAL OSB SHEATHING CAN BE USED:
SHINGLE OR METAL ROOF:
7/16", 5/32", OR 1/2" APA RATED 24/16

NOTES:

1) PLYWOOD TO BE PERPENDICULAR TO FRAMING. END JOINTS SHALL BE STAGGERED.
2) CONTRACTOR SHALL INSTALL PLYWOOD USING PLYWOOD CLIPS WITH BUILT-IN SPACERS.
3) UNDERLAYMENT: REFERENCE TABLE R905.1.1 FOR UA=UNDERLAYMENT ATTACHMENT

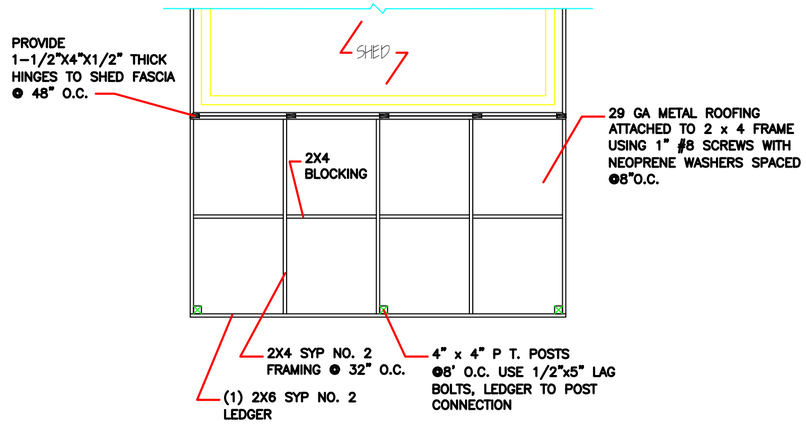
   ASPHALT SHINGLES/METAL ROOF

   4:12 AND GREATER
   ASTM D 226 TYPE 11, UA2
   ASTM D 4869 TYPE IV, UA2 ASTM D 6757, UA2
   ASTM D 1970, UA3
4) ALL MEMBRANE FLASHINGS INSTALLED PER MANUFACTURER'S SPECIFICATIONS

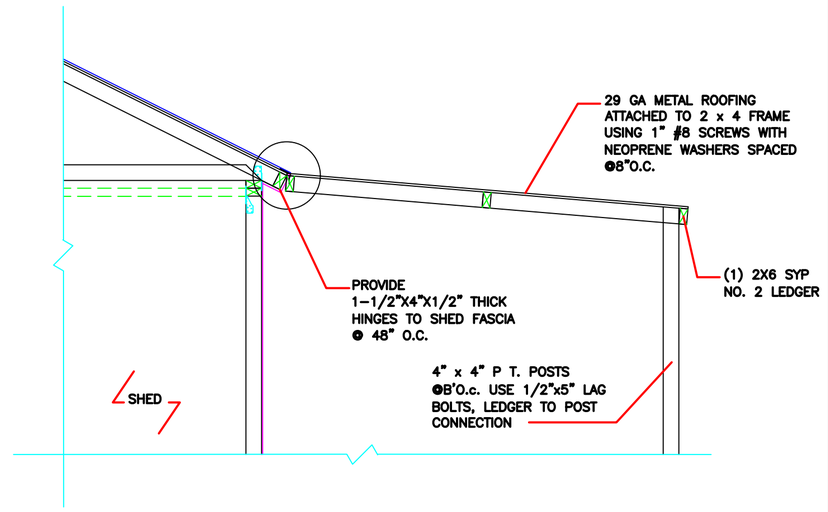
THE ABOVE BUILDING/STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH ASCE 7-16 FOR GRAVITY ANO DESIGN PRESSURES GENERATED BY A ULTIMATE WIND SPEED OF 175 M.P.H .□ 3 SECOND GUST & NOMINAL WIND SPEED OF 136 M.P.H., 3 SECOND GUST.

Awning Notes

AWNING IS OPTIONAL. IF AWNING IS TO BE ADDED, IT SHALL BE IN COMPLIANCE WITH ADDITIONAL CALCULATIONS SUPPLIED BY OUTSIDE ENGINEER.



Optional Canopy/Awning Plan 1/4" = 1'-0"



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Florida Professional Engineer #68187

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Shangri-la Building Plans

Florida Gulf Sheds, Inc.
2490 NE 200th Ave
Williston, FL 32696

KILONEWTON

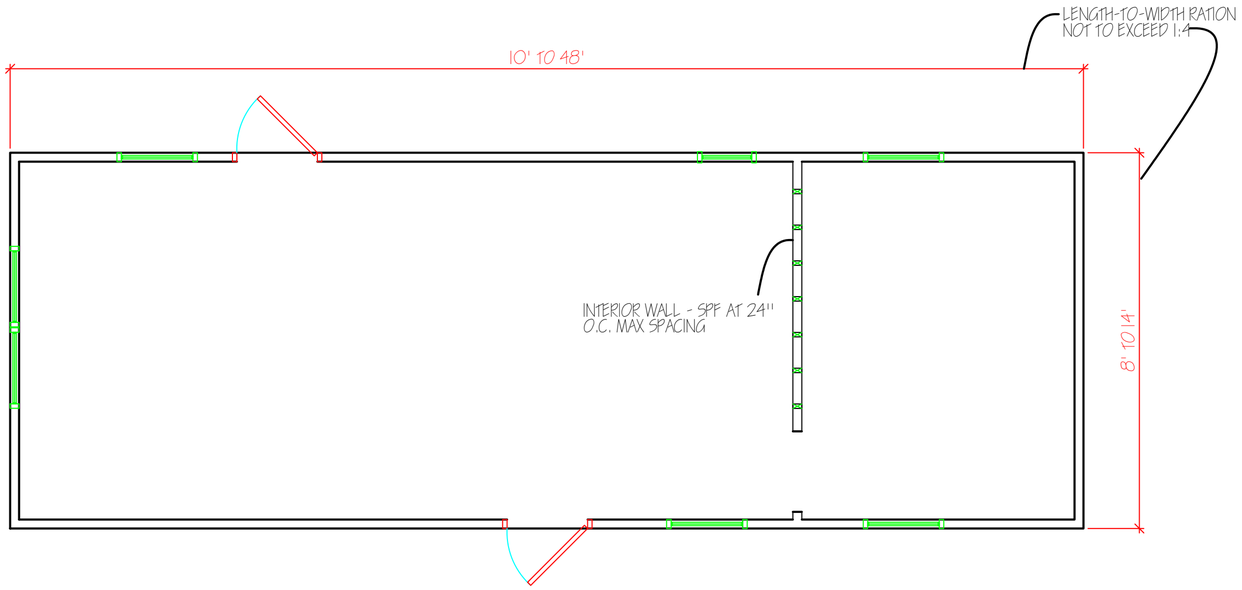
Date	Revision

610 Gold AVE SW, Suite 236
Albuquerque, NM 87102, USA
505 312-8490

Date: October 05, 2022

www.kilonewtonllc.com

Drawing no: S.400



Typ. Interior Layout/Plan 1/4" = 1'-0"

INTERIOR WALL NOTES

1) THE INTERIOR WALL CONFIGURATION DOES NOT NEGATIVELY AFFECT THE SHELL STRUCTURAL BEHAVIOR AND HENCE ITS LOCATION IS FLEXIBLE.
2) THE DIMENSIONS OF THE INTERIOR WALL CAN BE ADJUSTED AS NEEDED.
3) THE MATERIAL OF THE STUDS IN THE INTERIOR WALL IS S.P.F OR SIMILAR WITH A MAXIMUM SPACING OF 24" O.C

FLORIDA - 20

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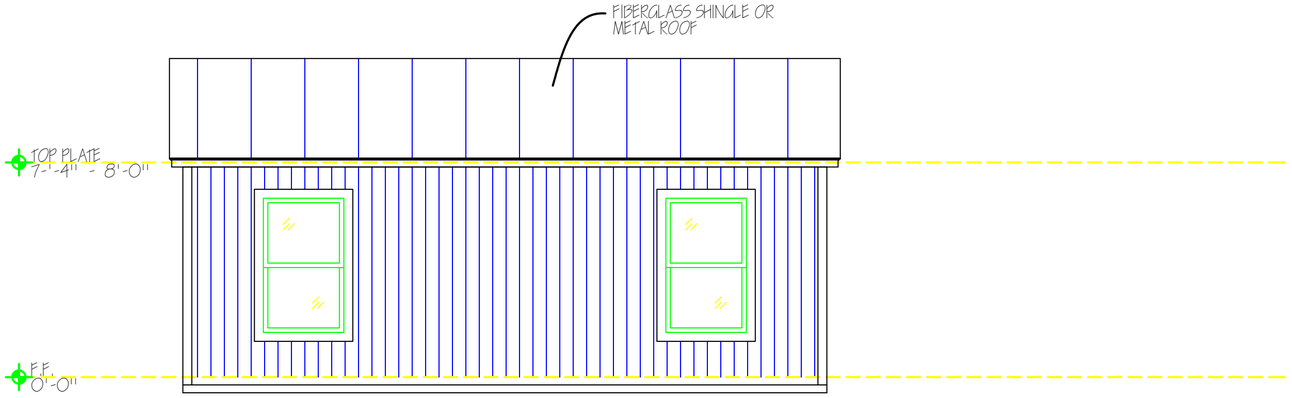
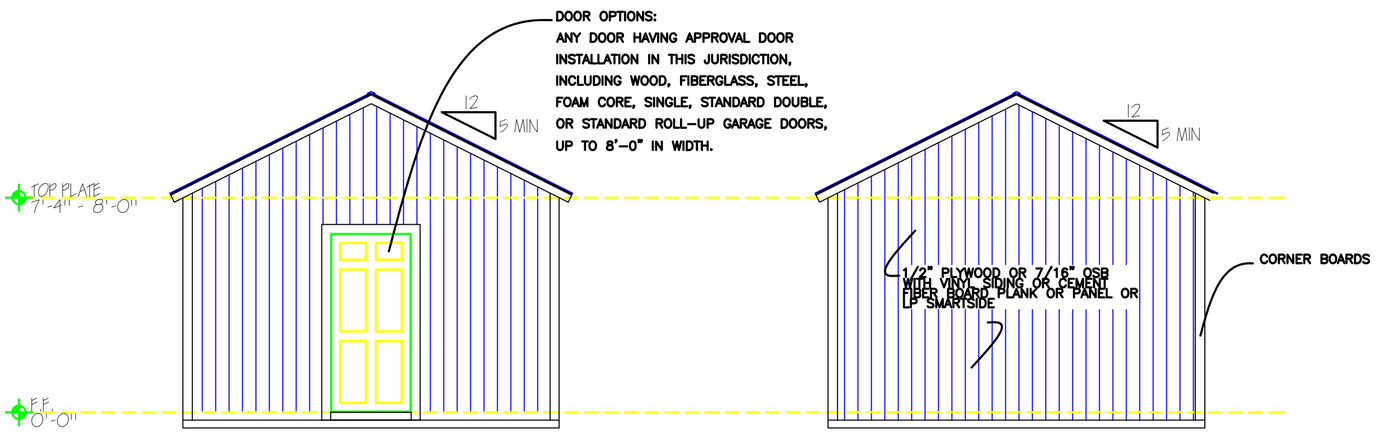
S.500



Side Elevation (Typ.) 1/4" = 1'-0"

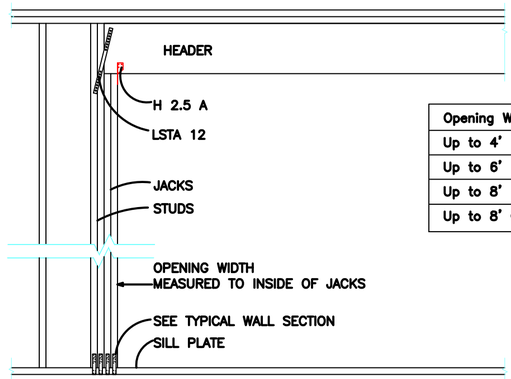


Front Elevation 1/4" = 1'-0"

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

Elevation Notes

1) DOOR AND WINDOW QUANTITY/LOCATION VARIES
2) IF STRUCTURE IS PLACED ON CONCRETE SLAB & FOUNDATION. STOP SIDING 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 Others: 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.

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