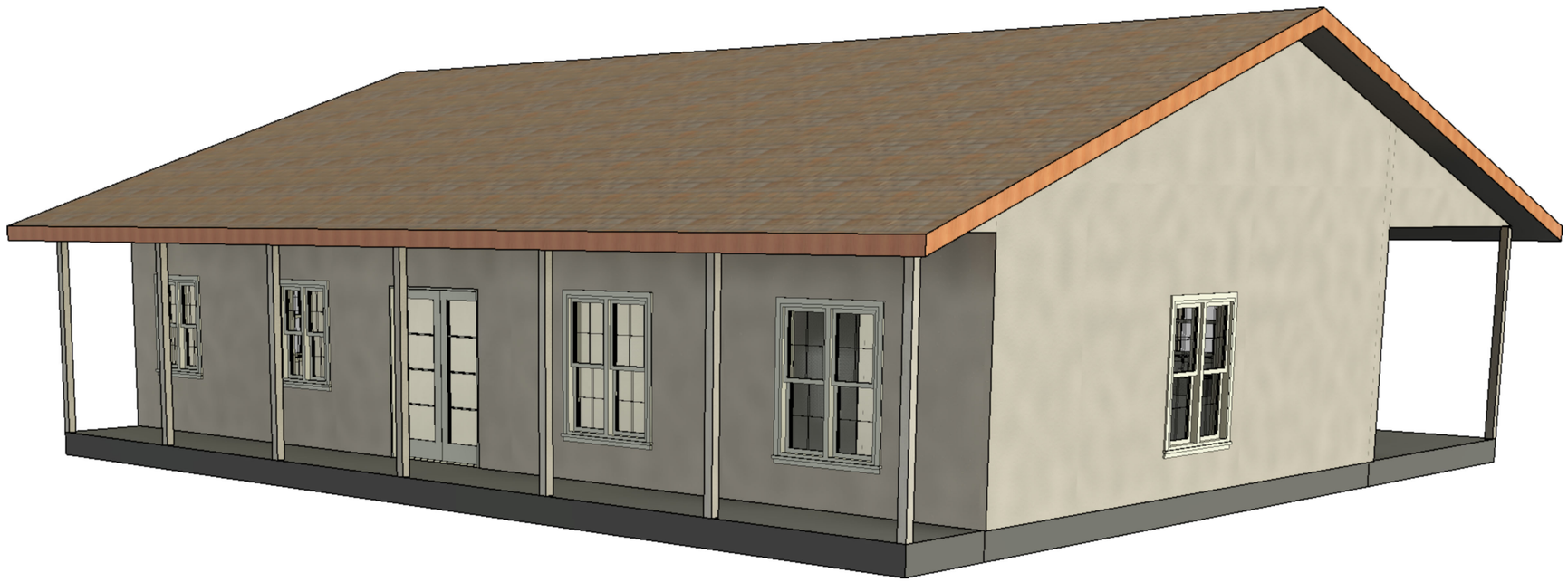


SHEET INDEX

PROJECT DESIGN CRITERIA

GOVERNING BUILDING CODE
2022 INTERNATIONAL BUILDING CODE (IBC)
& 2022 CALIFORNIA BUILDING CODE (CBC)

SEISMIC DESIGN PERAMETERS
SEISMIC DESIGN CATAGORY = F
SITE CLASS = D
SHORT PERIOD SPECTRAL ACCEL. (Ss) =2.0
SEISMIC IMPORTANCE FACTOR (Ie)=1.00
REDUNDANCY FACTOR (R) =6.5

WIND DESIGN PERAMETERS
3s-GUST WIND SPEED=120MPH
WIND IMPORTANCE FACTOR (Iw)=1.0
WIND EXPOSURE=EXPOSURE B

GRAVITY LOAD PERAMETERS

	LIVE	DEAD	TOTAL LOAD
ROOF= 20PSF+		20PSF	40PSF
WALL (INTERIOR)		10PSF	10PSF
WALL (EXTERIOR)		14PSF	14PSF

STRIPS™
STEEL REINFORCED INSULATED PANEL SYSTEM

1200 SqFt

Cover Page

Victoria Bott

SHEET 1

GENERAL NOTES

1. ALL CONSTRUCTION AND WORKMANSHIP SHALL CONFORM TO THE **2019** INTERNATIONAL BUILDING CODE (IBC). NOTE ALL REFERENCES ON PLANS TO SECTIONS & TABLES REFER TO THE INTERNATIONAL BULDING CODE.
2. THESE NOTES SHALL BE USED IN CONJUNCTION WITH THE PLANS AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE MANF. & ENGINEER.
3. CONTRACTOR MUST CHECK DIMENSIONS, FRAMING CONDITIONS, AND SITE CONDITIONS BEFORE STARTING WORK. MANUFACTURER AND THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES OR POSSIBLE DEFICIENCIES.
4. CONDITIONS NOT SPECIFICALLY DETAILED SHALL BE CONSTRUCTED AS SPECIFIED IN TYPICAL DETAILS FOR THE RESPECTIVE MATERIALS.
5. THE DRAWINGS AND SPECIFICATIONS DO NOT REPRESENT THE FINISHED STRUCTURE. A LICENSED ENGINEER SHOULD REVIEW THE PLANS AND PROVIDE ANY ADDITIONAL INFORMATION TO MEET THE REQUIREMENTS OF THE LOCAL JURISDICTION.
6. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION METHODS AND SAFETY CONDITIONS AT THE WORKSITE.

MANUFACTURED WOOD TRUSSES

1. TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST LOCAL BUILDING CODE FOR ALL LOADS IMPOSED, INCLUDING LATERAL LOADS AND MECHANICAL EQUIPMENT LOADS.
2. ALL CONNECTORS SHALL BE ICC APPROVED AND OF ADEQUATE STRENGTH TO RESIST STRESSES DUE TO THE LOADING INVOLVED.
3. DEAD LOAD DEFLECTIONS SHALL BE LIMITED TO L/240.
4. CROSS BRIDGING AND/OR BRACING SHALL BE PROVIDED AND DETAILED AS REQUIRED TO ADEQUATELY BRACE ALL TRUSSES.
5. EACH TRUSS SHALL BE LEGIBLY BRANDED, MARKED OR OTHERWISE HAVE PERMANENTLY AFFIXED THERETO THE FOLLOWING INFORMATION LOCATED WITHIN 2 FEET OF THE CENTER OF THE SPAN ON THE FACE OF THE BOTTOM CHORD:
   A. IDENTITY OF THE COMPANY MANUFACTURING THE TRUSS.
   B. THE DESIGN LOAD.
   C. THE SPACING OF THE TRUSSES.
6. TRUSS MANUFACTURER TO DESIGN TRUSSES PER FRAMING PLANS WITH THE FOLLOWING REQUIREMENTS:
   A. ALIGN ALL TOPS OF TRUSS CHORDS
   B. AT ATTIC ACCESS PROVIDE 30" TRUSS BAY SPACING WITH LADDER BLOCKING AT 24" O/C.
   C. PROVIDE ADDITIONAL SUPPORT AT MECHANICAL UNITS, WHERE OCCURS.
   D. PROVIDE CONVENTIONAL FURRING AT INTERIOR COFFERED CEILING AREAS U.N.O.
   E. TRUSS HANGERS TO BE DESIGNED BY TRUSS MANUFACTURER.
   F. PROVIDE SOLID BEARING AT MULTIPLE GIRDER TRUSS(ES).

WOOD FRAMING

1. ALL STRUCTURAL LUMBER SHALL BE DOUGLAS FIR - LARCH WITH 19% MAXIMUM MOISTURE CONTENT OF THE FOLLOWING GRADES, CONFORMING TO STANDARD GRADING RULES FOR WEST COAST LUMBER NO. 17, UNLESS NOTED OTHERWISE. THE LUMBER GRADES AS SPECIFIED BELOW MEET MINIMUM REQUIREMENTS:

LUMBER SIZE	GRADE
PLATES, BLOCKING	STD OR BTR
STUDS TO 10'-0" IN HEIGHT	STD OR BTR
STUDS OVER 10'-0" IN HEIGHT	NO. 2
2x RAFTER JOISTS	NO. 2
4x6 THROUGH 4x12 BEAMS, HEADERS AND POSTS	NO. 2
4x14 BEAMS, HEADERS AND POSTS	NO. 1
4x4 POSTS, HEADERS	NO. 2
POSTS AND TIMBERS (6x AND LARGER)	NO. 1
BEAM AND STRINGERS (6x AND LARGER)	NO. 1

2. WHERE POSSIBLE ALL LUMBER GRADE STAMPS SHALL REMAIN ON LUMBER AFTER INSTALLATION.
3. ALL WOOD BEARING ON CONCRETE OR MASONRY SHALL BE PRESSURE TREATED FIR.. ALL NAILS TO PLATES TREATED w/ BORATE MAY BE STANDARD NAILS, FOR ALL OTHER PRESSURE TREATED PLATES, USE HOT DIP GALVANIZED NAILS.
4. EACH WOOD-BASED STRUCTURAL-USE PANEL USED FOR DIAPHRAGM CONSTRUCTION SHALL BE IDENTIFIED BY A REGISTERED STAMP OR BRAND OF AN ICC-APPROVED COMPLIANCE ASSURANCE AGENCY.
5. WOOD-BASED STRUCTURAL-USE PANELS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE VOLUNTARY PRODUCT STANDARD PS-2 "PERFORMANCE STANDARD FOR WOOD-BASED STRUCTURAL-USE PANELS". ALL PANELS SHALL BE GLUED WITH EXTERIOR TYPE GLUE MEETING APA SPECIFICATION AFG-01.
6. ALL METAL CONNECTORS SHALL BE THOSE MANUFACTURED BY U.S.P. LUMBER CONNECTORS, "ACS" ADVANCED CONNECTOR SYSTEMS OR SIMPSON STRONG-TIE. THE NAILS FOR THESE CONNECTORS SHALL BE AS SPECIFIED BY THE MANUFACTURERS FOR CAPACITY OF THE HARDWARE. ALL CALLOUTS REFER TO SIMPSON PRODUCT CODES AND NAMES. REFER TO CROSS REFERENCE TABLES PROVIDED BY ACS AND USP IN THEIR PRODUCT CATALOGS.
7. STRUCTURAL MEMBERS SHALL NOT BE CUT FOR PIPES, ETC. UNLESS SPECIFICALLY DETAILED.

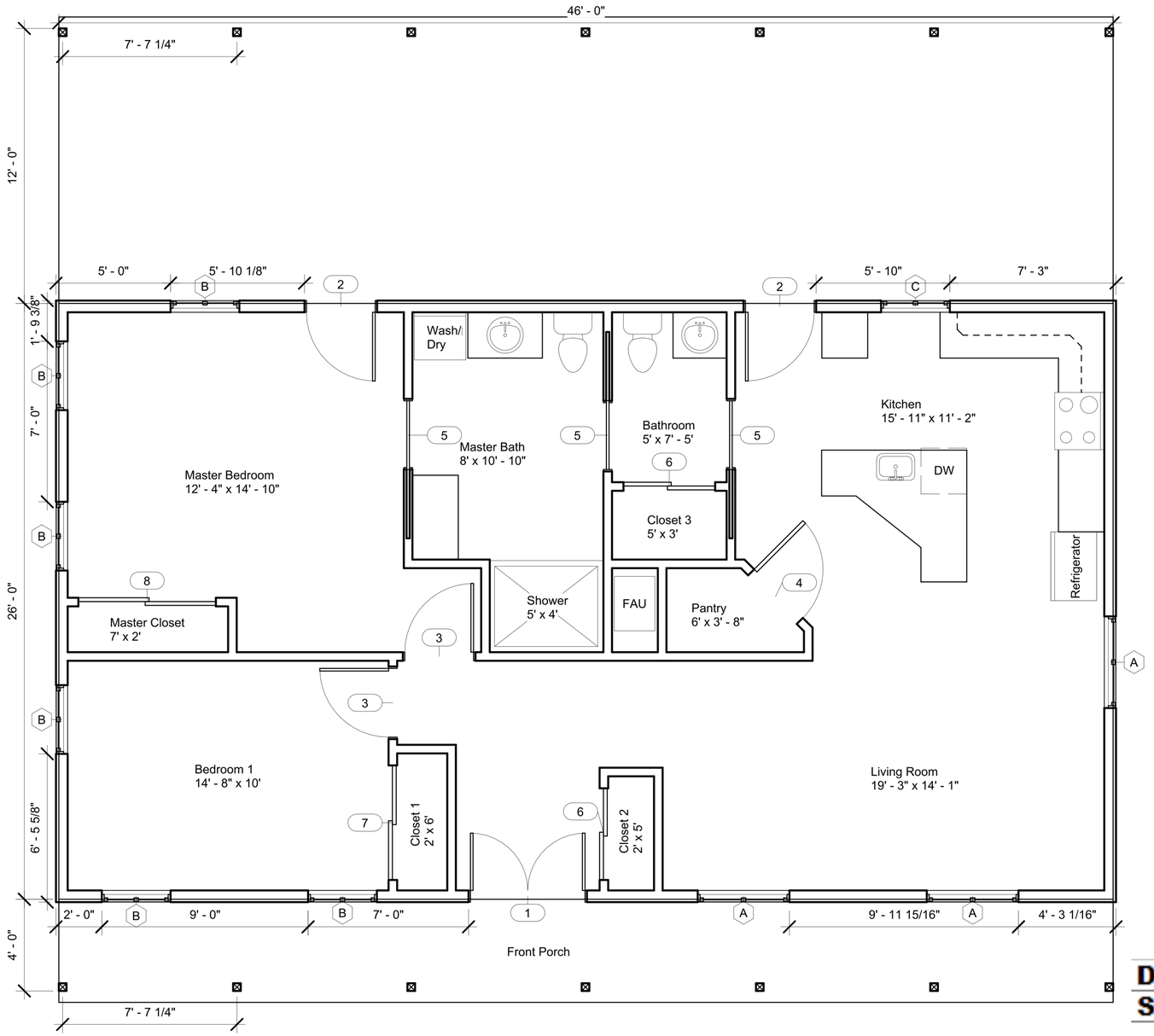
NAILS

1. ALL FLOOR SHEATHING, ROOF SHEATHING AND SHEAR PANELS CONSTRUCTED USING WOOD-BASED STRUCTURAL-USE PANELS SHALL BE FASTENED WITH COMMON NAILS. HARDWARE SHALL BE NAILED BY MANUFACTURER'S REQUIREMENTS, OTHERWISE SHORT NAILS MAY BE USED.
2. NAILS GUNS MUST BE EQUIPPED WITH A FLUSH NAILER ATTACHMENT FOR NAILING OF PLYWOOD ROOF SHEATHING.
3. ALL NAILS MUST BE DOMESTICALLY MANUFACTURED.
4. ALL NAILS INTO PRESSURE TREATED LUMBER SHALL BE HOT DIPPED GALVANIZED OR OTHER APPROVED COATING TO RESIST CORROSION UNLESS PRESSURE TREATED PLATE IS TREATED WITH BORATE.

COLD FORMED STEEL

1. LIGHT GAUGE STEEL FRAMING SHALL COMPLY TO THE LATEST REQUIREMENTS OF THE AMERICAN IRON AND STEEL INSTITUTE (AISI) SPECIFICATIONS.
2. ALL "QUICK FRAME" HEADERS SHALL BE 6" WIDE WITH DEPTH AND GAUGE PER PLANS.
3. STEEL STUDS SHALL BE SPACED AT A MAXIMUM SPACING OF 24" ON CENTER. ALL STEEL STUDS SHALL BE 600S162-33 CLASSIFICATION (1.625" x 6" x 18 GAUGE).
4. STEEL TRACKS SHALL BE 600T150-33 CLASSIFICATION (1.5" x 6" x 18 GAUGE).
5. STEEL STUDS & TRACKS SHALL MEET THE REQUIREMENTS OF THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA)..ICBO ER - 4943P.

SITE PLAN



Door Schedule

SYM.	SIZE	TYPE	NOTES	QTY.
1	5'0"X6'8"	Exterior	Double	1
2	3'0"x6'8"	Solid Core	1/2 Window	2
3	3'0"x6'8"	Hollow Core	Paneled	2
4	3'0"x7'0"	Special		1
5	3'0"x6'8"	Pocket		3
6	4'0"x6'8"	Sliding		2
7	5'0"x6'8"	Sliding		1
8	6'0"x6'8"	Sliding		1

Window Schedule

SYM.	SIZE	TYPE	NOTES	QTY.
A	4'X5'	Vinyl Sliding	Dual Glaze/Grid	3
B	3'x4'	Vinyl Sliding	Dual Glaze/Grid	6
C	3'x3'	Vinyl Sliding	Dual Glaze/Grid	1

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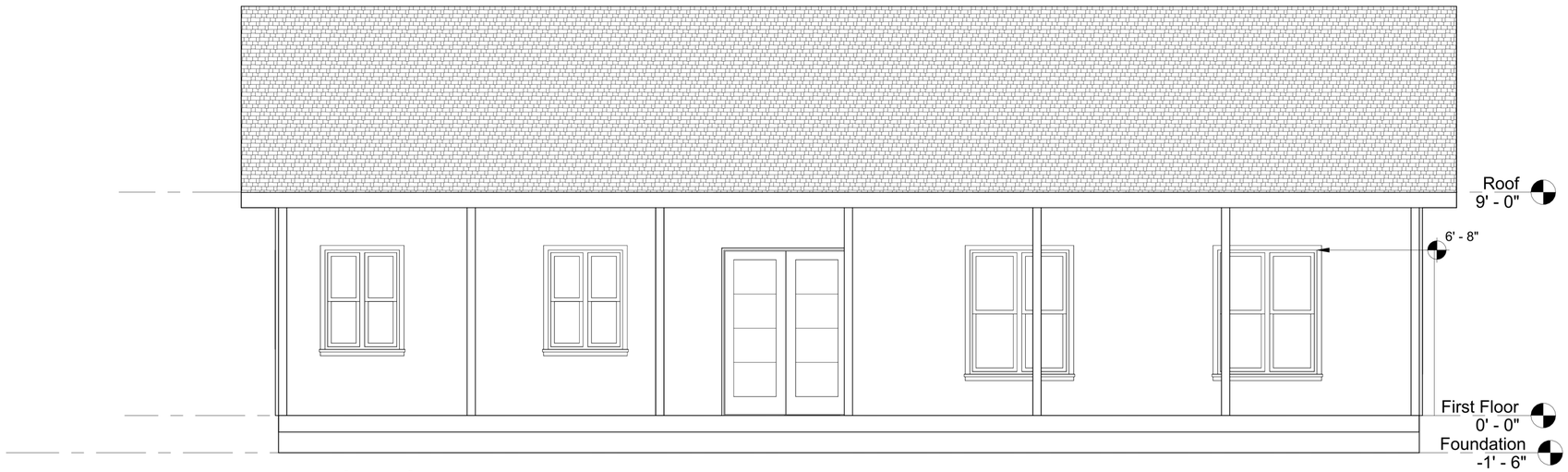
1200 SqFt

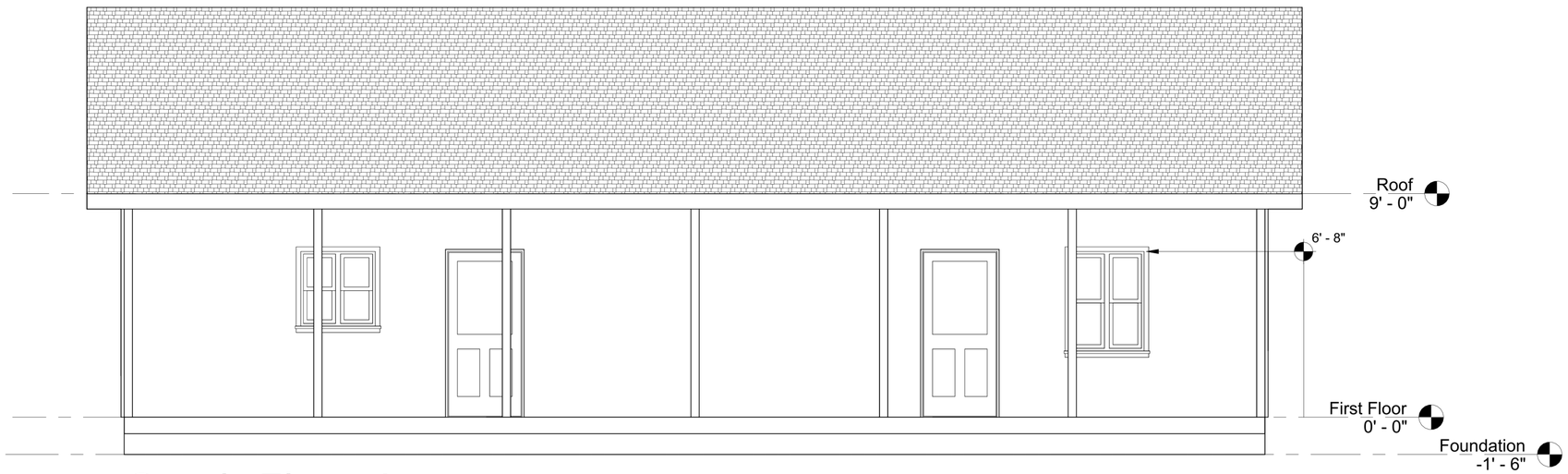
FLOOR PLAN
SCALE: 1/4" = 1'0"

Victoria Bott

SHEET
2



North Elevation



South Elevation

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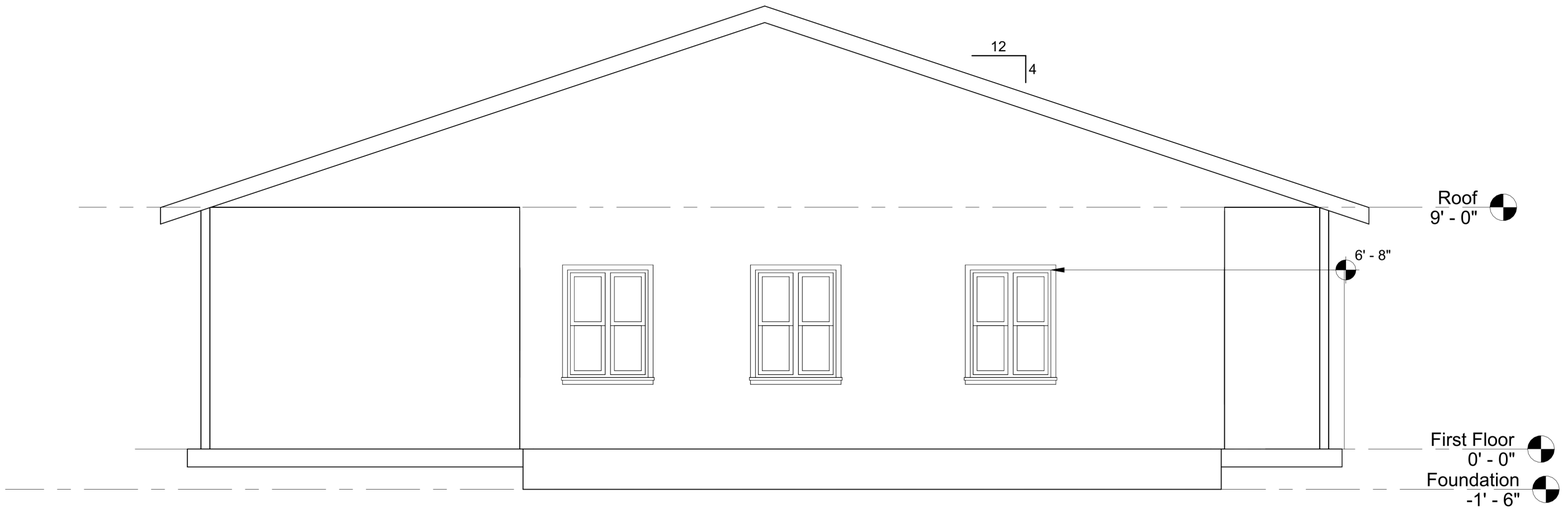
1200 SqFt

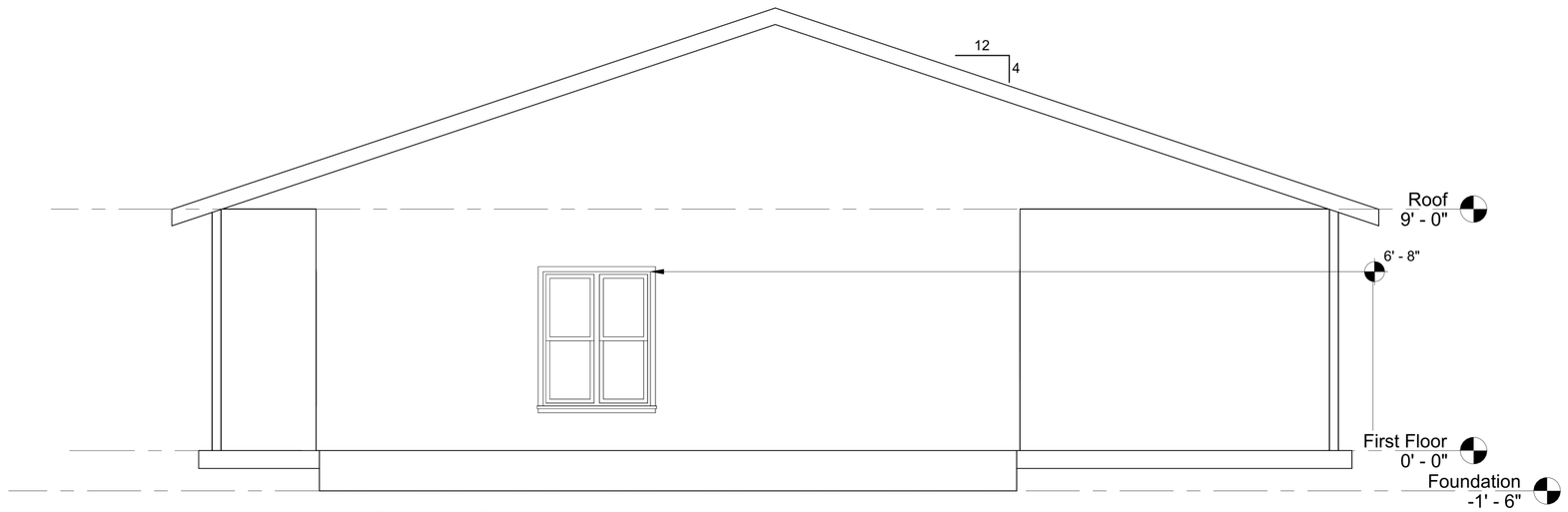
ELEVATIONS 1
SCALE: 1/4" = 1'0"

Victoria Bott

SHEET
3



East Elevation



West Elevation

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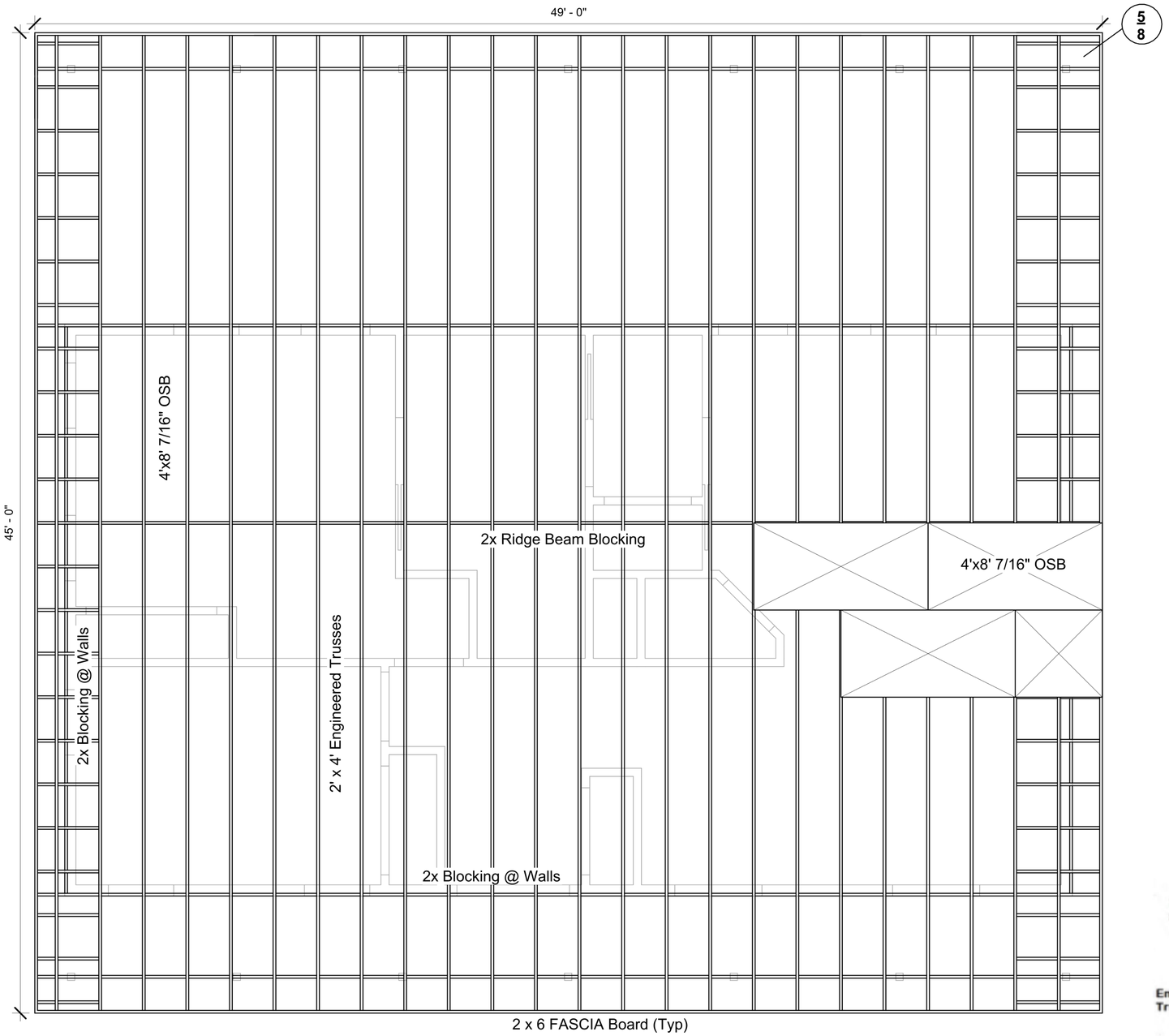
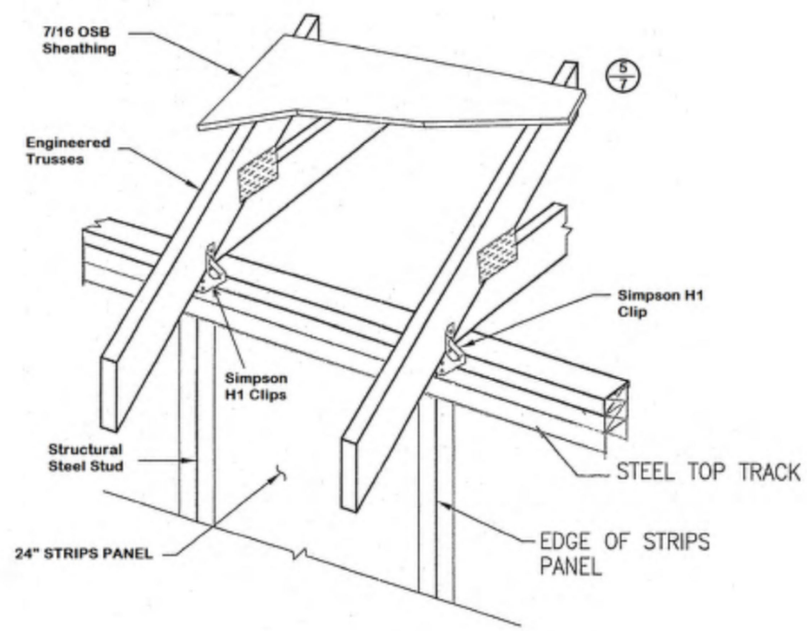
1200 SqFt

ELEVATIONS 2
SCALE: 1/4" = 1'0"

Victoria Bott

SHEET
4





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1200 SqFt

TRUSS PLAN
SCALE: 1/4" = 1'0"

Victoria Bott

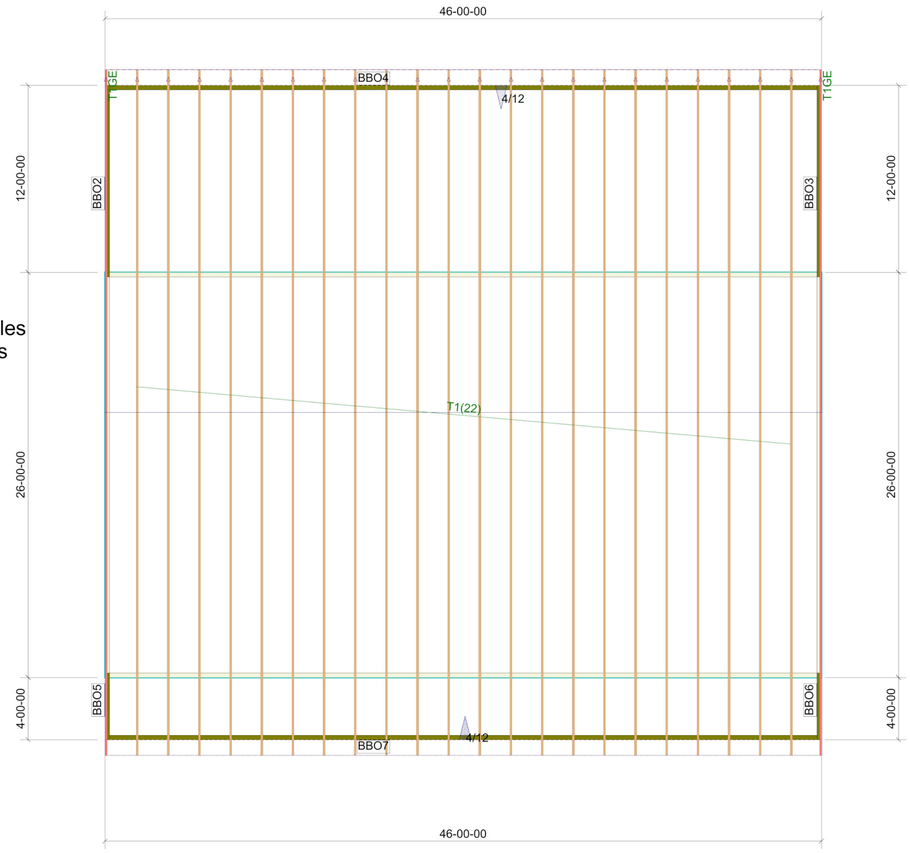
SHEET
5

Design based on plans and/or revisions dated :
NA
Plans and/or revisions received on :
04/21/25

THIS LAYOUT IS TO BE USED AS A TRUSS PLACEMENT GUIDE ONLY. PLEASE REFER TO BUILDING PLANS FOR BUILDING CONSTRUCTION AND DETAILS, SUCH AS PLUMBING OR DUCT DROPS.

PROPOSED DESIGN- NOT FOR CONSTRUCTION

Drop Top on gables for 2x4 outlookers



Notes:
1. Exterior dimensions shown are assumed to be:
   X Out-to-out of stud
   _ Out-to-out of sheathing
   _ Out-to-out of _____
2. Adjust truss locations as needed for plumbing and mechanical clearance. Unless otherwise noted, trusses may be shifted as long as O.C. spacing shown is not exceeded.
3. Do not cut, drill, or otherwise damage any part of any truss without prior approval from Peak Truss.
4. Do not approve drawings if any information herein is unclear. Once ordered trusses will be fabricated as approved.
5. Please contact Peak Truss Builders with any questions. We are available to help any way we can. We can be reached at 919-545-5555 or sales@peaktruss.com

Roof Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	20.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	10.0 lb/ft²

Trusses are designed for additional storage load wherever a 42"x24" box will fit between the webs.

Floor Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	40.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	5.0 lb/ft²

Floor Live Load deflection limit L/480
Roof Live Load deflection limit L/240

This layout has been designed using the IRC 2021 building code.

Model created using a wind speed of 130 mph specified for Cumberland County.

△ - This symbol denotes left end of truss as shown on truss drawings
● - Approximate location of toilet drop. Builder please confirm.

Truss connections by others:
(N) -Nailed
(L) -Ledger

Roof Trusses

Overhang: 12"
Depth: NA
Spacing: 2' OC

Wall Types

	Load Bearing
	Non Load Bearing

Job # Q-2500889

Victoria Bott
Fayetteville NC
UNit / Lot:

Layout Creation Date: 5/6/2025

Sales: Jorge Gomez - Designs: Rob Williford

Valued Customer
-

Peak Truss Builders, LLC
PO Box 340, New Hill, NC 27562

Job	Truss	Truss Type	Qty	Ply	Victoria Bott-Roof
Q-2500889-1	T1	Common	22	1	Job Reference (optional)

Peak Truss Builders LLC, New Hill, user — Run: 8.72 S Apr 24 2024 Print: 8.720 S Apr 24 2024 MiTek Industries, Inc. Tue May 06 09:10:17 — Page: 1
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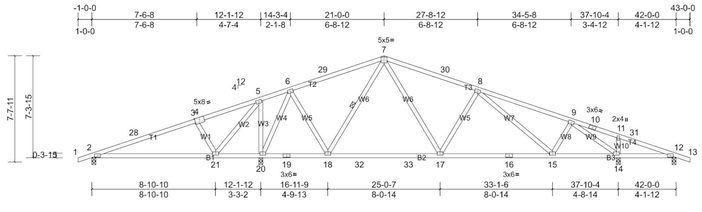

Scale = 1:74

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.48	Vert(LL)	-0.15	21-24	>999	240	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.56	Vert(CT)	-0.30	21-24	>486	180		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.82	Horz(CT)	0.03	14	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MS							Weight: 217 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3

REACTIONS All bearings 0-3-8.
(lb) - Max Horiz 2=91 (LC 10)
Max Uplift All uplift 100 (lb) or less at joint(s) 12 except 2=-101 (LC 11), 14=-248 (LC 11), 20=-350 (LC 11)
Max Grav All reactions 250 (lb) or less at joint(s) 12 except 2=389 (LC 22), 14=1401 (LC 17), 20=1944 (LC 18)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 5-6=-40/735, 6-29=-479/173, 7-29=-423/189, 7-30=-1074/304, 8-30=-1133/281, 8-9=-1227/280, 9-10=-26/440, 10-11=-37/391, 11-31=-71/449, 12-31=-80/412
BOT CHORD 20-21=-643/214, 18-32=0/661, 32-33=0/661, 17-33=0/661, 16-17=-125/1178, 15-16=-125/1178, 14-15=-124/971, 12-14=-391/120
WEBS 7-17=-96/730, 7-18=-545/126, 3-21=-432/201, 5-21=-134/848, 5-20=-520/117, 6-20=-1538/284, 6-18=-27/851, 8-17=-408/212, 9-15=0/308, 9-14=-1702/305

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; B=20ft; L=42ft; eave=5ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Exterior(2E) -1-0-0 to 3-2-6, Interior (1) 3-2-6 to 21-0-0, Exterior(2R) 21-0-0 to 25-2-6, Interior (1) 25-2-6 to 43-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) All plates are 3x5 MT20 unless otherwise indicated.
4) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12 except (jt=lb) 2=101, 20=349, 14=247.

LOAD CASE(S) Standard

BRACING
TOP CHORD Structural wood sheathing directly applied or 5-4-7 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 1 Row at midpt 7-18

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

Job	Truss	Truss Type	Qty	Ply	Victoria Bott-Roof
Q-2500889-1	T1GE	Common Supported Gable	2	1	Job Reference (optional)

Peak Truss Builders LLC, New Hill, user — Run: 8.72 S Apr 24 2024 Print: 8.720 S Apr 24 2024 MiTek Industries, Inc. Tue May 06 09:10:18 — Page: 1
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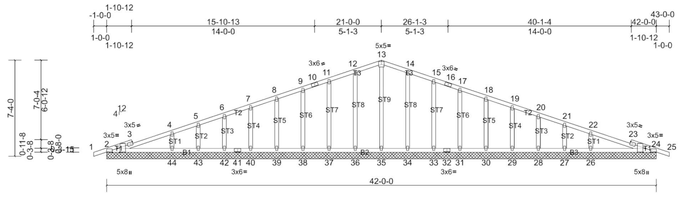


Scale = 1:76.2

Plate Offsets (X, Y): [2:0-3-8,Edge], [2:0-4-12,Edge], [24:0-3-8,Edge], [24:0-4-12,Edge]

Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.15	TC	0.16	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.15	BC	0.17	Vert(CT)	n/a	-	n/a	999		
BCLL	0.0*	Rep Stress Incr	YES	WB	0.12	Horz(CT)	0.01	24	n/a	n/a		
BCDL	10.0	Code	IRC2021/TPI2014	Matrix-MS							Weight: 227 lb	FT = 20%

LUMBER
TOP CHORD 2x4 SP No.1
BOT CHORD 2x4 SP No.1
OTHERS 2x4 SP No.3

REACTIONS All bearings 42-0-0.
(lb) - Max Horiz 2=-87 (LC 9), 45=-87 (LC 9)
Max Uplift All uplift 100 (lb) or less at joint(s) 2, 24, 26, 27, 28, 29, 30, 31, 33, 34, 36, 37, 38, 39, 40, 42, 43, 44, 45, 48
Max Grav All reactions 250 (lb) or less at joint(s) 2, 24, 27, 28, 29, 30, 31, 33, 34, 35, 36, 37, 38, 39, 40, 42, 43, 45, 48 except 26=398 (LC 23), 44=398 (LC 22)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 4-44=-251/102, 22-26=-251/102

NOTES
1) Unbalanced roof live loads have been considered for this design.
2) Wind: ASCE 7-16; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=30ft; B=20ft; L=42ft; eave=2ft; Cat. II; Exp B; Enclosed; MWFRS (directional) and C-C Corner(3E) -1-0-0 to 3-2-6, Exterior(2N) 3-2-6 to 21-0-0, Corner(3R) 21-0-0 to 25-0-0, Exterior(2N) 25-0-0 to 43-0-0 zone; cantilever left and right exposed ; end vertical left and right exposed;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
4) All plates are 2x4 MT20 unless otherwise indicated.
5) Gable requires continuous bottom chord bearing.
6) Gable studs spaced at 2-0-0 oc.
7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-06-00 tall by 2-00-00 wide will fit between the bottom and any other members.
8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 36, 37, 38, 39, 40, 42, 43, 44, 34, 33, 31, 30, 29, 28, 27, 26, 24, 2, 24.

LOAD CASE(S) Standard

BRACING
TOP CHORD Structural wood sheathing directly applied or 10-0-0 oc purlins.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

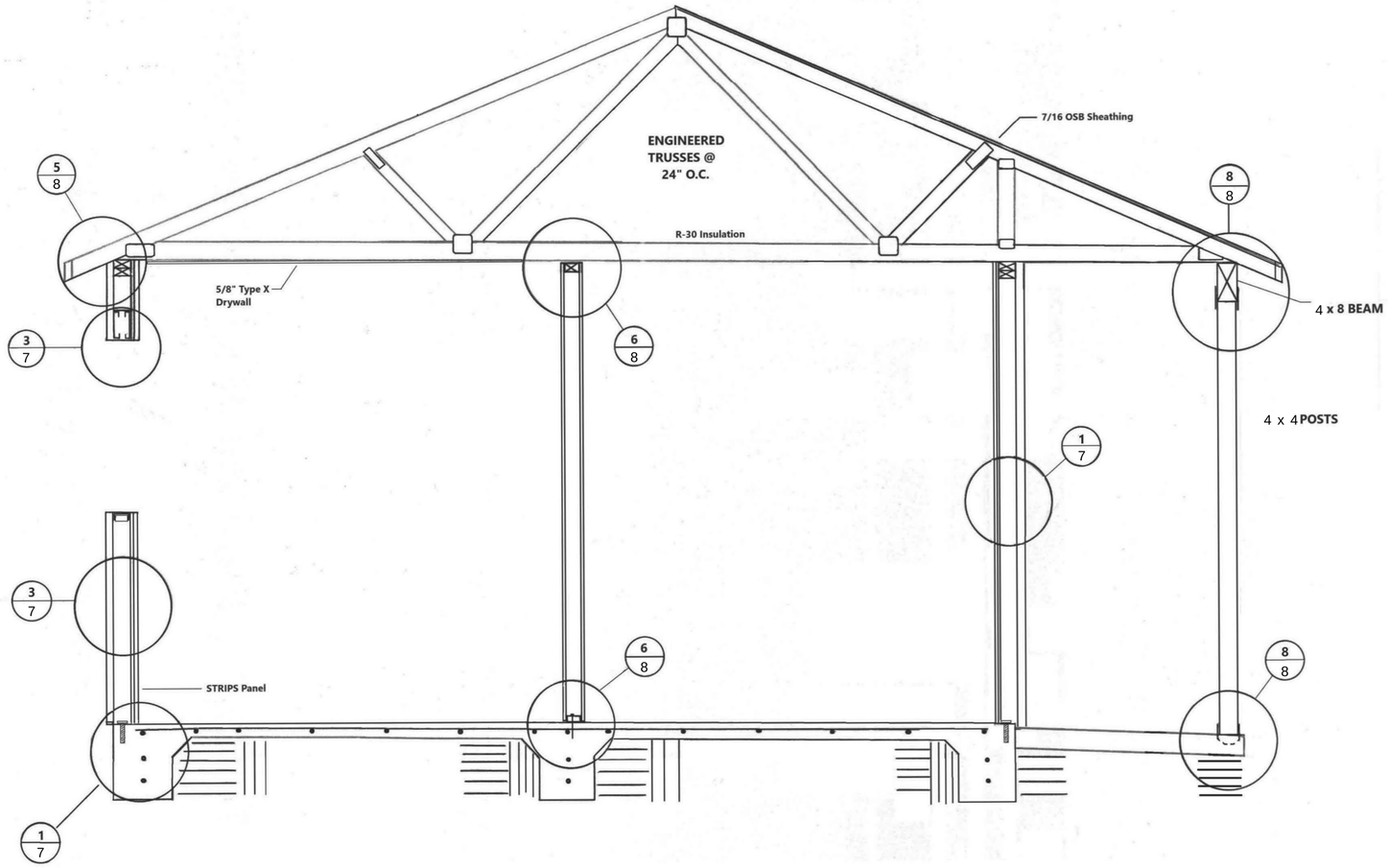
TM
STRIPS
STEEL REINFORCED INSULATED PANEL SYSTEM

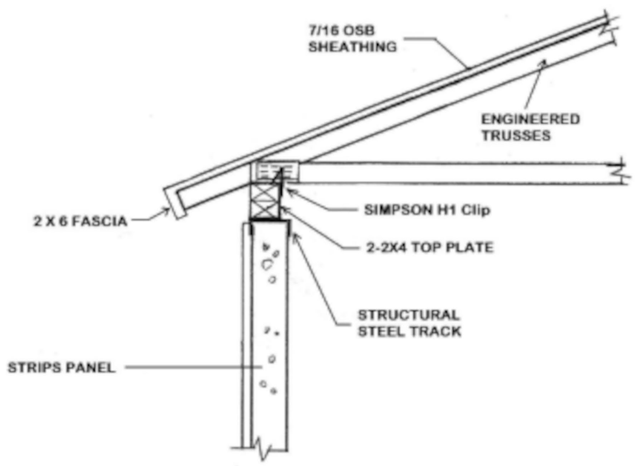
1200 SqFt

TRUSS PLAN
SCALE: 1/4" = 1'0"

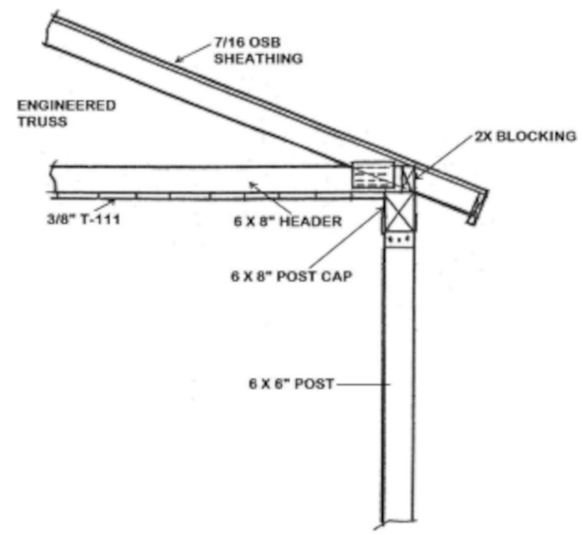
Victoria Bott

SHEET
5.1





EAVE DETAIL

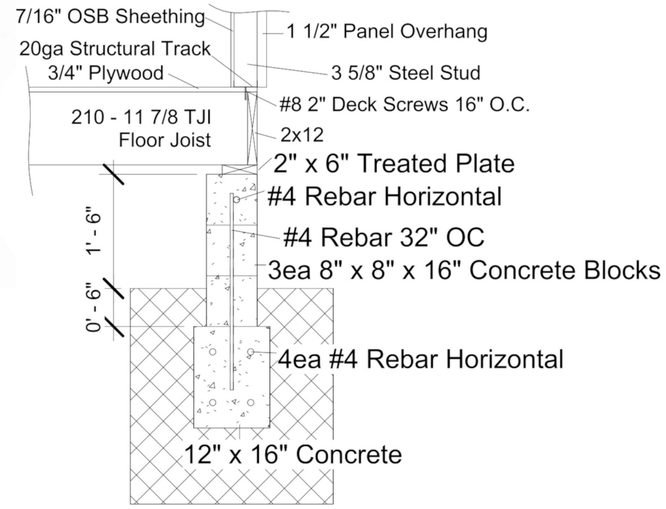


PORCH HEADER DETAIL

STRIPS™
STEEL REINFORCED INSULATED PANEL SYSTEM

Framing Detail

SHEET
6



CODES: ICC-ES-ESR-2713 (concrete); City of LA Supplement within ESR-2713 (concrete), Florida FL15730 (concrete)

MATERIAL: Carbon Steel

COATING: Zinc Plated

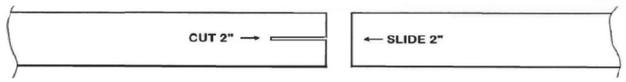
ADDTIONAL INSTALLATION INFORMATION

Titen HD Diameter (in.)	Bit Size	Recommended Steel Fixture Hole Size	Minimum Hole Depth Overdrill
1/2	T50	5/8 to 11/16	1/2"
5/8	T60	3/4 to 13/16	1/2"

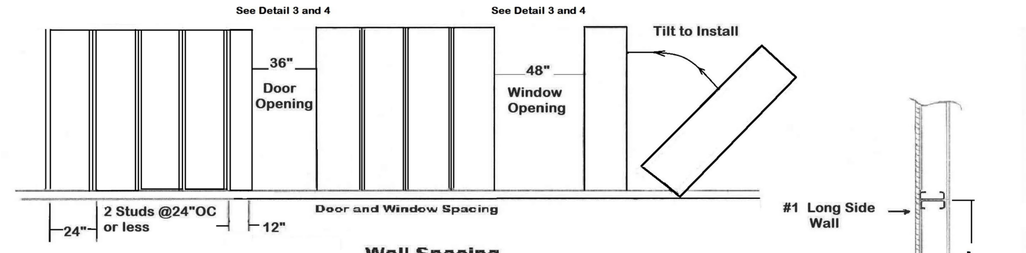
Suggested fixture hole sizes are for structural steel thicker that 12 guage only. Larger holes are not required for wood or thinner metal.

Titen HD Washer-Head Head Style

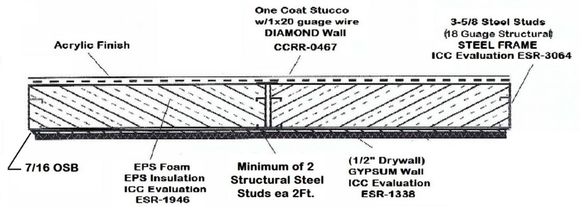
TRACK JOINT

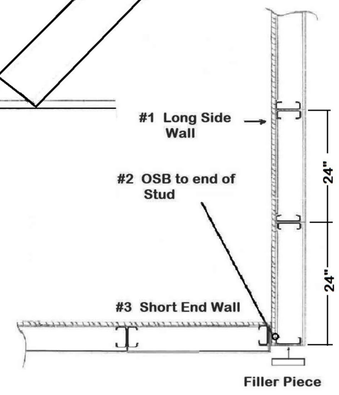


1 PERIMETER TRACK DETAIL



Wall Spacing



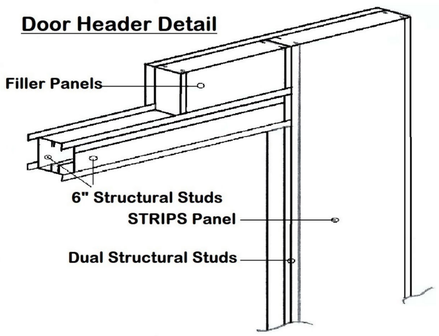


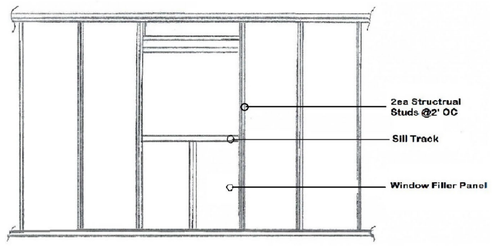
Wall Corner

WALL ASSEMBLY

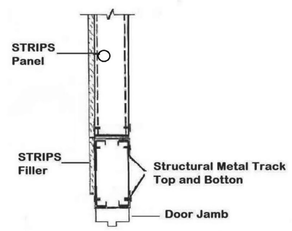
2 PANEL PLACEMENT DETAIL

Door Header Detail

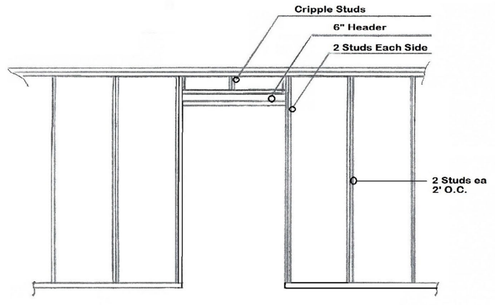




Window Header Detail



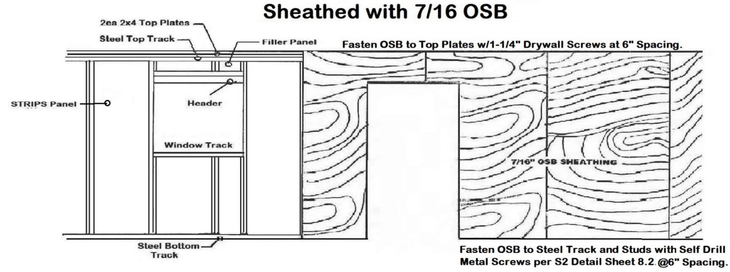
Door Jamb Detail



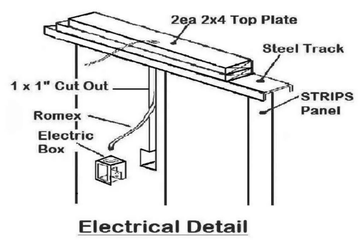
Door Header Detail 2

3 PANEL CONNECTIONS

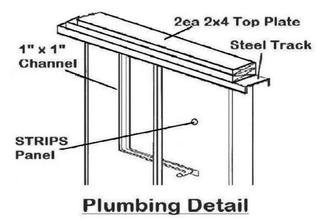
Interior of all Exterior Walls Sheathed with 7/16 OSB



OSB Sheathing-Perimeter Wall



Electrical Detail



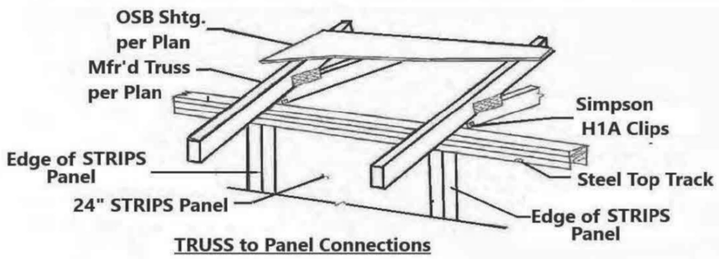
Plumbing Detail

4 OSB Sheathing & Utilities

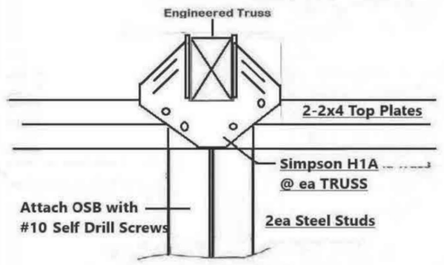
STRIPS™
STEEL REINFORCED INSULATED PANEL SYSTEM

S1 Details

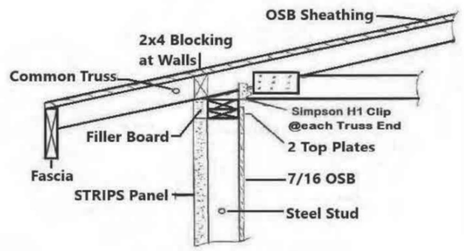
SHEET 7



TRUSS to Panel Connections

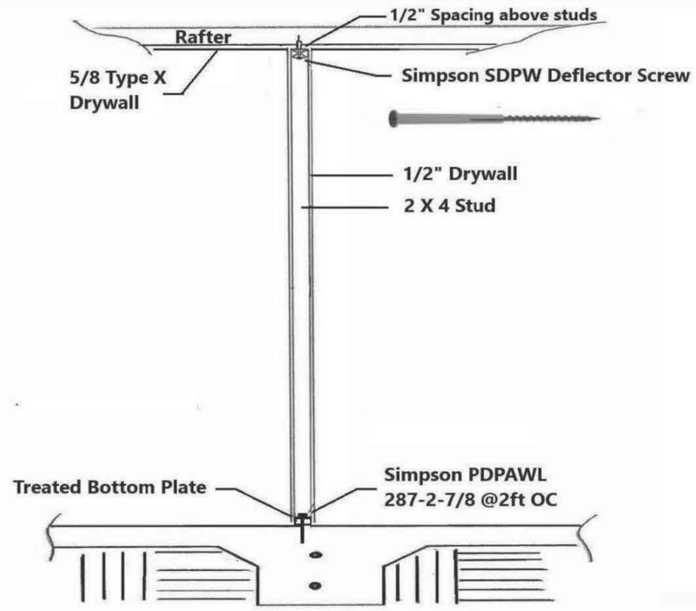


Simpson H1A Clips at
Truss/Wall Connection

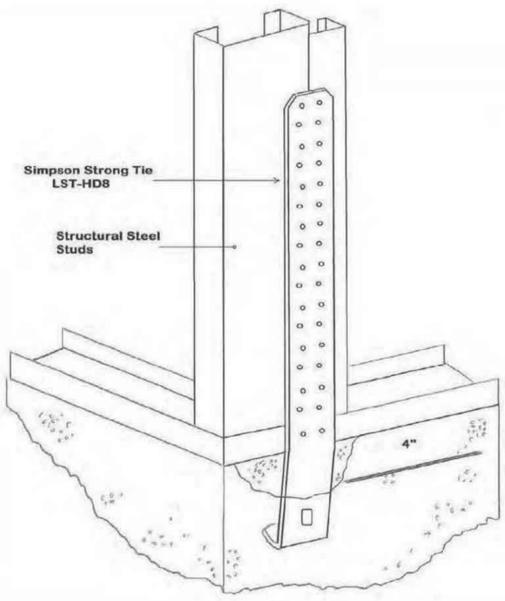


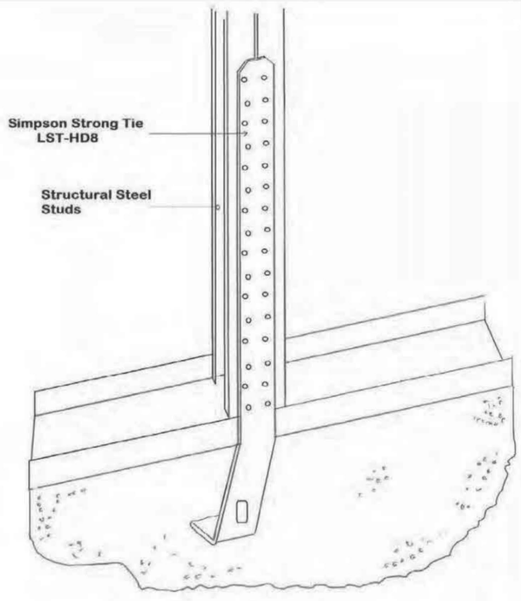
Wall Detail

5 ROOF TRUSS CONNECTIONS

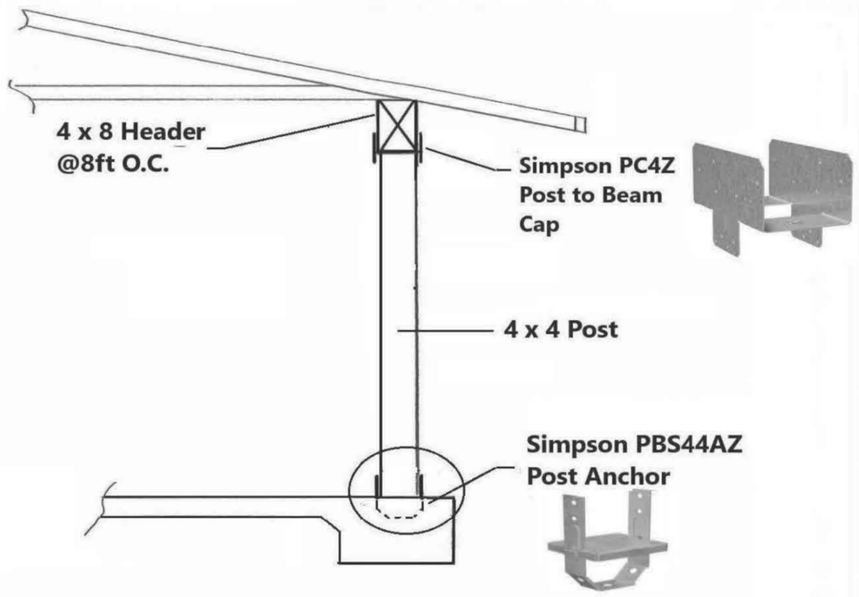


6 INTERIOR WALL FRAMING





7 HOLD DOWN STRAPS



8 POST AND BEAM DETAIL

STRIPS™
STEEL REINFORCED INSULATED PANEL SYSTEM

S2 Details

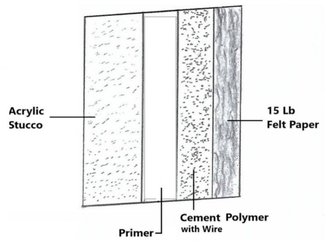
SHEET
8

Simpson Titen Washer Head Bolt
1/2" x 6"--TD50600WH
ICC ESR-2713 (Concrete)
Florida-FL15730

1 PERIMETER TRACK

Acrylic Stucco Finish

OMEGA One Coat Stucco
Diamond Wall
ICC ESR-1194
3-5/8 18Ga Steel Stud



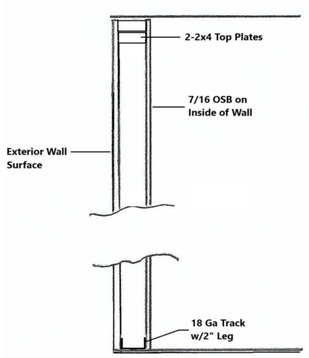
2 EXTERIOR SHEAR WALLS

Simpson Header Hanger
SHH 6/54

3 HEADER CONNECTION

4X8 7/16 OSB Panels

2-2X4 TOP PLATES



4 SHEAR WALLS AND ROOF SHEATHING

Simpson H1A Hurricane Tie
ICC ESR-2613

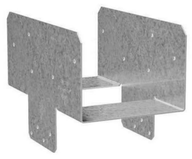
5 ROOF TRUSS CONNECTOR

Simpson PDPAWL 14312
SDPW Deflector Screw
ICC ESR-2139
FL1570

6 INTERIOR WALL SUPPORT

Simpson LSTHD8 Hold Down Strap
ICC ESR-2920
Florida FL10441

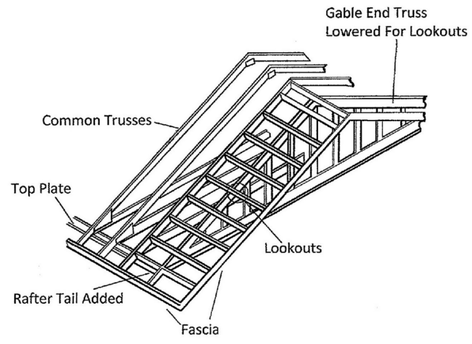
7 HOLD DOWN STRAPS



Simpson PC4Z Post Clamp
ICC ESR-2604
Florida-10860

Simpson PBS44AZ
Post Anchor
ICC ESR-3050
Florida FL10860

8 POST AND BEAM CLAMPS



9

.1 STUD FASTERNER

Phillips Truss Head #8 x 1"
Self Drill Screw.

A. Panels to track at top and bottom.
B. Header to track assembly.

.2 TOP of WALL PLATES

Phillips Bugle Head 2-1/2" Screw.

A. Set 2x4 plate on track at top of wall.
B. Install Phillips Screw every 16".
C. Set 2nd 2x4 Plate and stagger joints. Nail or screw every 16".

.3 Non-Load Bearing Walls

Simpson PDPAWL-287-2-7/8" is a powder actuated, washered pin designed to fasten building components to concrete, steel and CMU. The PDPAWL provides added upload resistance.

.4 JOIST HANGER NAIL

Grip Rite #9x1-1/2" Nail.

A. Teaco Nails for Simpson Hangers.

.5 JOIST HANGER SCREW

TEKS #8x1-1/4" Self Drill Screw.

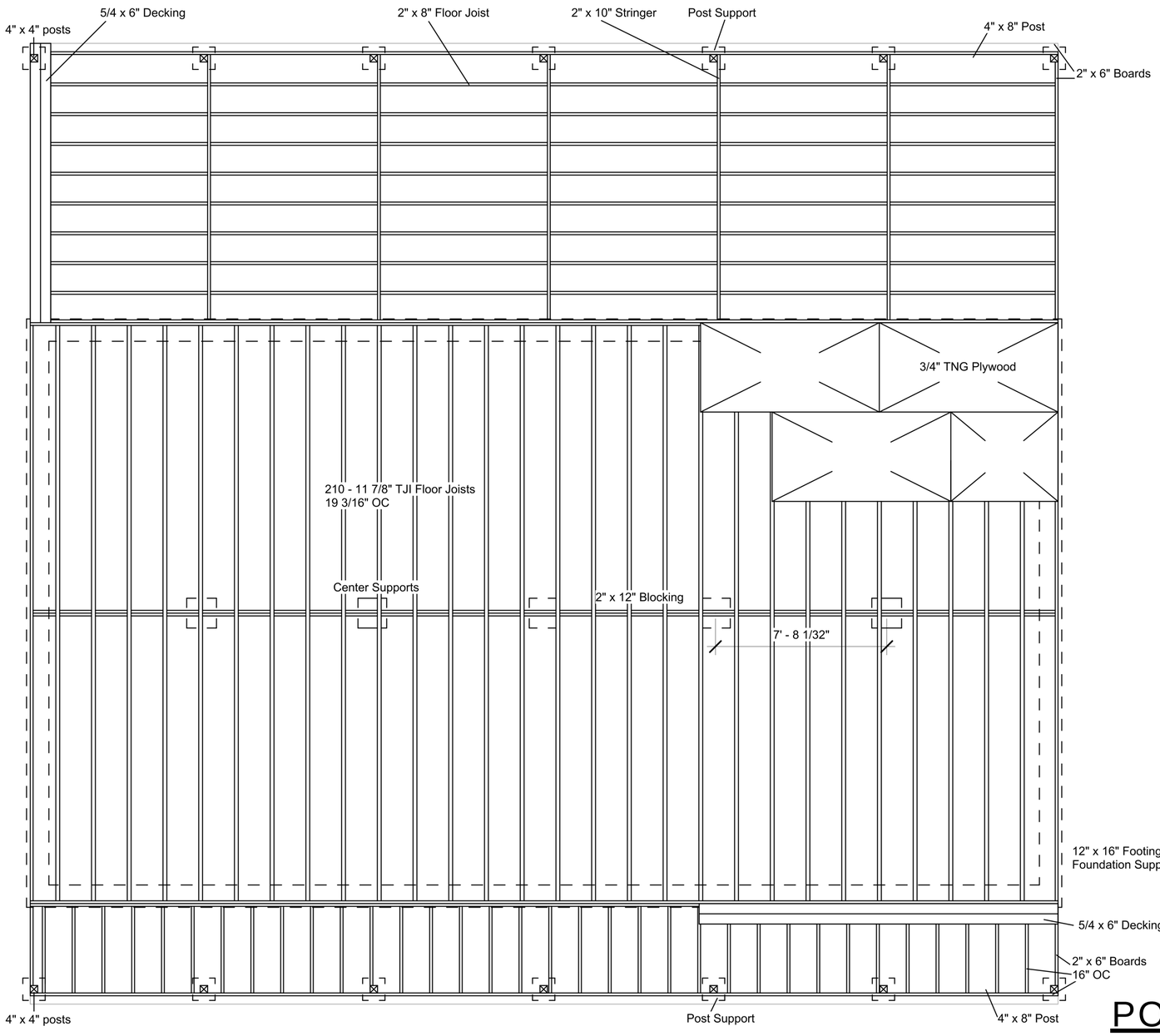
A. Self Drill Screws for Simpson Hangers.

10

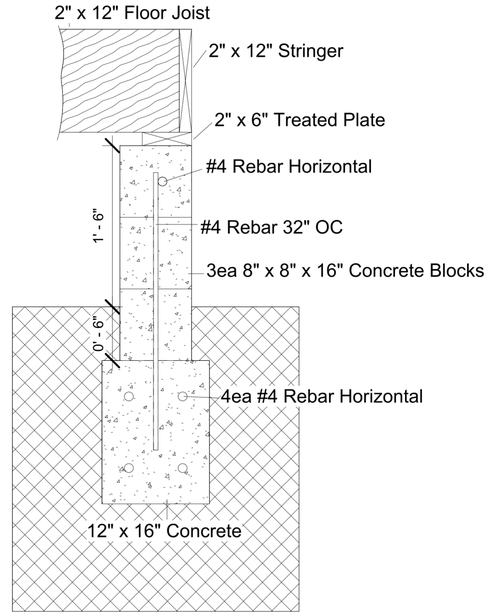
STRIPS™
STEEL REINFORCED INSULATED PANEL SYSTEM

Accessory Details

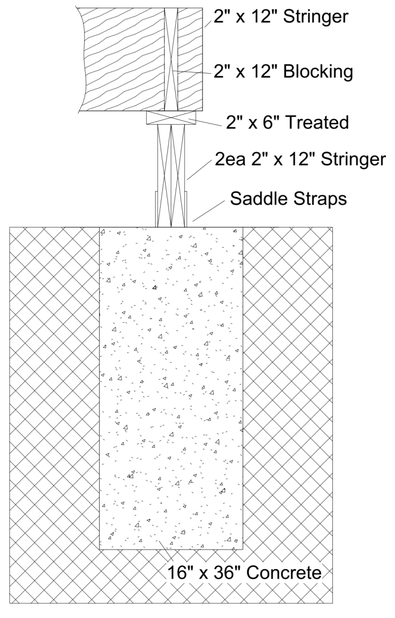
SHEET 9



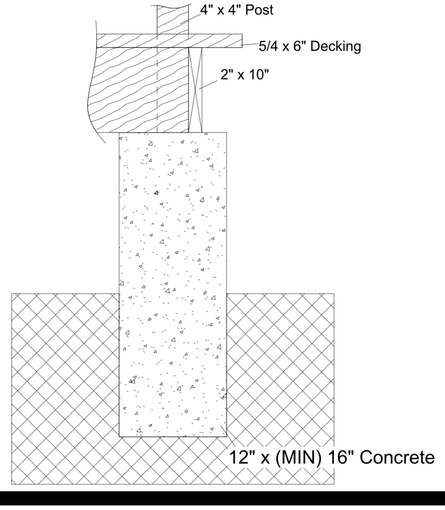
FOUNDATION SUPPORT



CENTER SUPPORT



POST SUPPORT



STRIPS™
STEEL REINFORCED INSULATED PANEL SYSTEM

1200 SqFt

Foundation Plan
Scale: 1/4" = 1'0"

Victoria Bott

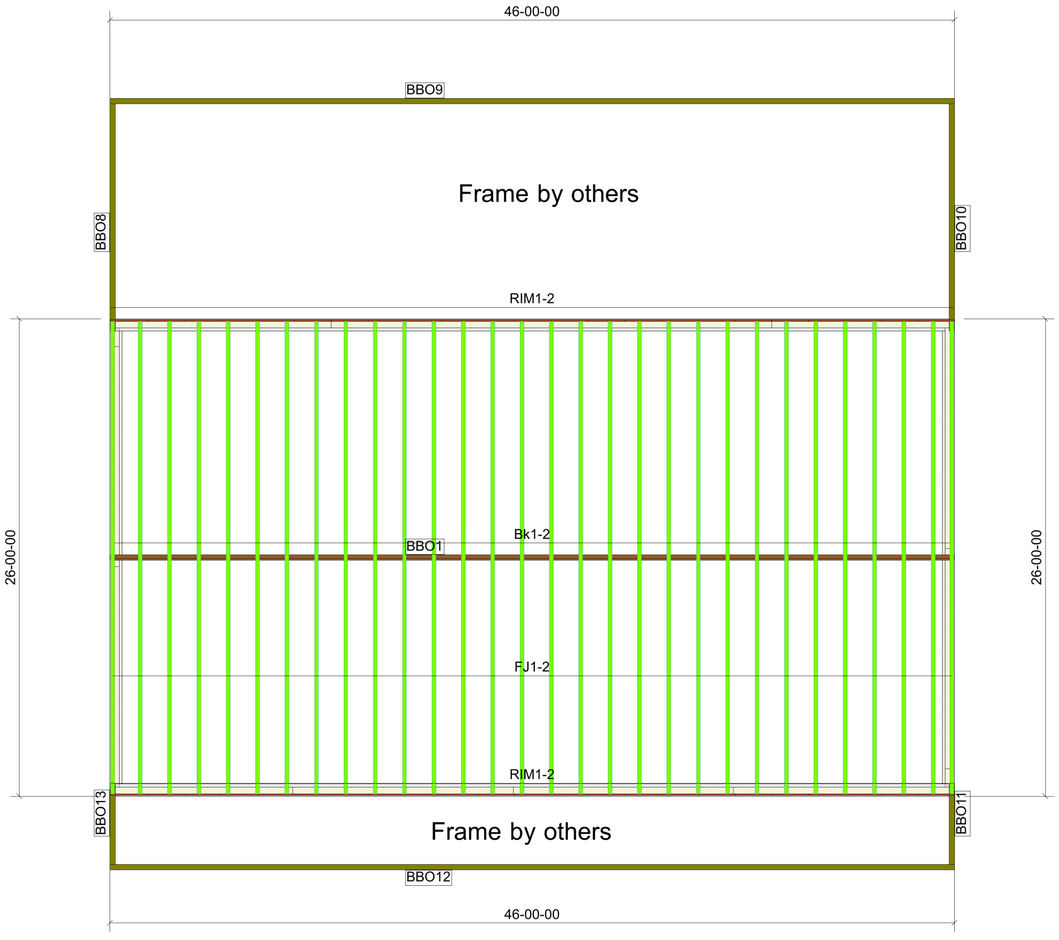
SHEET
10

Design based on plans and/or revisions dated :
NA

Plans and/or revisions received on :
04/21/25

THIS LAYOUT IS TO BE USED AS A TRUSS PLACEMENT GUIDE ONLY. PLEASE REFER TO BUILDING PLANS FOR BUILDING CONSTRUCTION AND DETAILS, SUCH AS PLUMBING OR DUCT DROPS.

PROPOSED DESIGN- NOT FOR CONSTRUCTION



Products

PlotID	Length	Product	Plies	Net Qty
FJ1-2	26-00-00	11-7/8" PWI 20S or LPI 20Plus	1	30
RIM1-2	92-00-00	1-1/8x 11-7/8 OSB Rim	1	1
Bk1-2	40-00-00	11-7/8" PWI 20S or LPI 20Plus	1	1

Notes:
1. Exterior dimensions shown are assumed to be:
   X Out-to-out of stud
   ☐ Out-to-out of sheathing
   ☐ Out-to-out of _____
2. Adjust truss locations as needed for plumbing and mechanical clearance. Unless otherwise noted, trusses may be shifted as long as O.C. spacing shown is not exceeded.
3. Do not cut, drill, or otherwise damage any part of any truss without prior approval from Peak Truss.
4. Do not approve drawings if any information herein is unclear. Once ordered trusses will be fabricated as approved.
5. Please contact Peak Truss Builders with any questions. We are available to help any way we can. We can be reached at 919-545-5555 or sales@peaktruss.com

Roof Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	20.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	10.0 lb/ft²

Trusses are designed for additional storage load wherever a 42"x24" box will fit between the webs.

Floor Truss Loading specified by building designer on Residential jobs

Top Chord Live Load	40.0 lb/ft²
Top Chord Dead Load	10.0 lb/ft²
Bottom Chord Live Load	0.0 lb/ft²
Bottom Chord Dead Load	5.0 lb/ft²

Floor Live Load deflection limit L/480
Roof Live Load deflection limit L/240

This layout has been designed using the IRC 2021 building code.

Model created using a wind speed of 130 mph specified for Cumberland County.

△ - This symbol denotes left end of truss as shown on truss drawings
● - Approximate location of toilet drop. Builder please confirm.

Truss connections by others:
(N) -Nailed
(L) -Ledger

I-Joists
Overhang: NA
Depth: 11-7/8"
Spacing: 19.2" OC

Wall Types
Load Bearing
Non Load Bearing

Job # Q-2500889

Victoria Bott
Fayetteville NC
UNit / Lot:

Layout Creation Date: 5/6/2025
Sales: Jorge Gomez - Designs: Rob Williford

Valued Customer

Peak Truss Builders, LLC
PO Box 340, New Hill, NC 27562

STRIPS™
STEEL REINFORCED INSULATED PANEL SYSTEM

1200 SqFt

Foundation Plan
Scale: 1/4" = 1'0"

Victoria Bott

SHEET
10.1