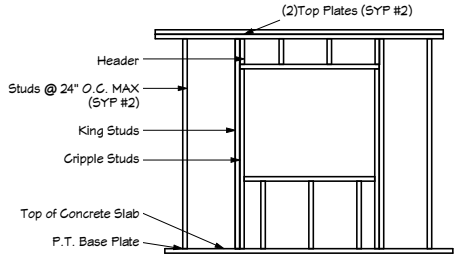


King/Cripple Stud Schedule:

ALL OPENING DETAILS ARE FOR FIRRED INTERIOR FRAMING, EXTERIOR OPENINGS DETAILED & PROVIDED ON STRUCTURAL PAGES. USE 1 KING & 1 CRIPPLE AS SHOWN

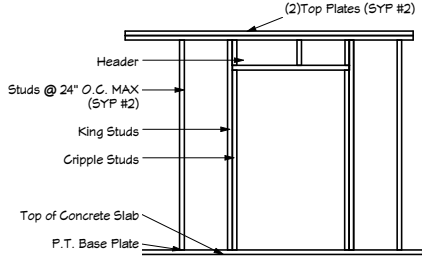


Typical Window Framing

Scale - No Scale

Header

ALL OPENING DETAILS ARE FOR FIRRED INTERIOR FRAMING, EXTERIOR OPENINGS DETAILED & PROVIDED ON STRUCTURAL PAGES. NO HEADERS REQUIRED



Typical Door Framing

Scale - No Scale

VERTICAL FRAMING:

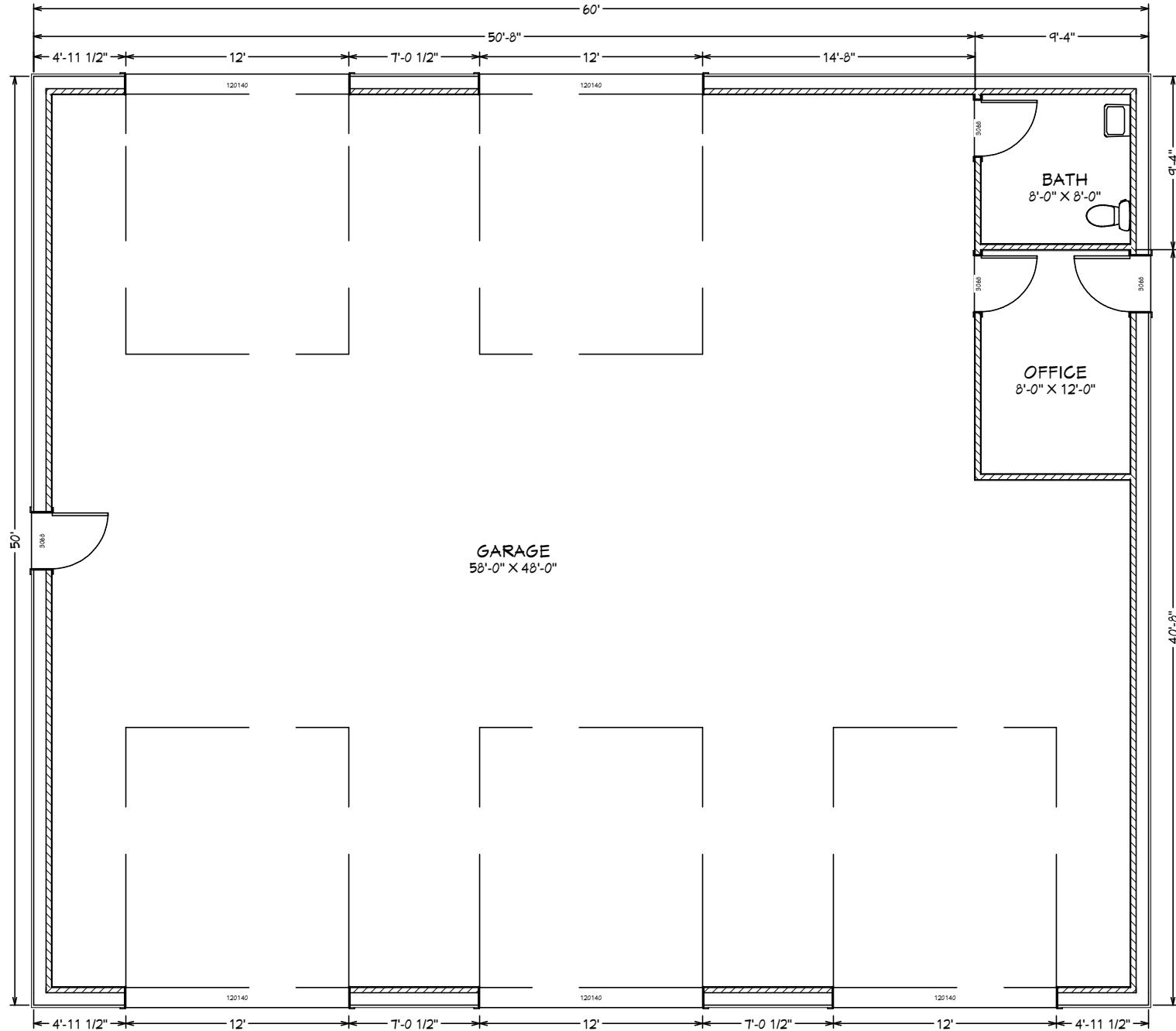
USE 2x4 STUDS FOR ALL INTERIOR WALLS, UNLESS NOTED OTHERWISE IN THESE PLANS. SPACE STUDS @ 16" O.C. MINIMUM AT ALL INTERIOR BEARING WALLS AND INTERIOR SHEAR WALLS. SPACE STUDS @ 24" O.C. MINIMUM AT ALL INTERIOR NON-BEARING WALLS. USE SPF #2 (OR BETTER) FOR ALL WALLS. USE SYP #2 TOP PLATES AND PT SYP#2 SILL PLATES. IF "CONVENTIONAL STRAPPING" IS SHOWN ON THESE PLANS USE: SIMPSON SP2 W/ (6) 10D NAILS EACH END FOR WALL STUD TO TOP PLATE CONNECTIONS @ 32" O.C. SIMPSON CS20 STRAPPING W/ (1) 10Dx1.5" NAILS EACH END FOR SECOND-STORY WALL STUD CONNECTIONS @ 32" O.C. SIMPSON SP1 W/ (6) 10D NAILS TO STUD AND (4) 10D NAILS TO SILL PLATE @ 16" O.C. AND ANCHOR BOLTS AT 32" O.C.

WOOD:

WOOD FRAMING SHALL BE IN ACCORDANCE WITH LOCAL BUILDING CODES, EXCEPT AS NOTED IN THESE PLANS.

FASTENINGS:

THE DOUBLE TOP PLATE SHALL HAVE A 4' LAP AND SHALL BE FACE-NAILED WITH (8) 12D SINKERS.

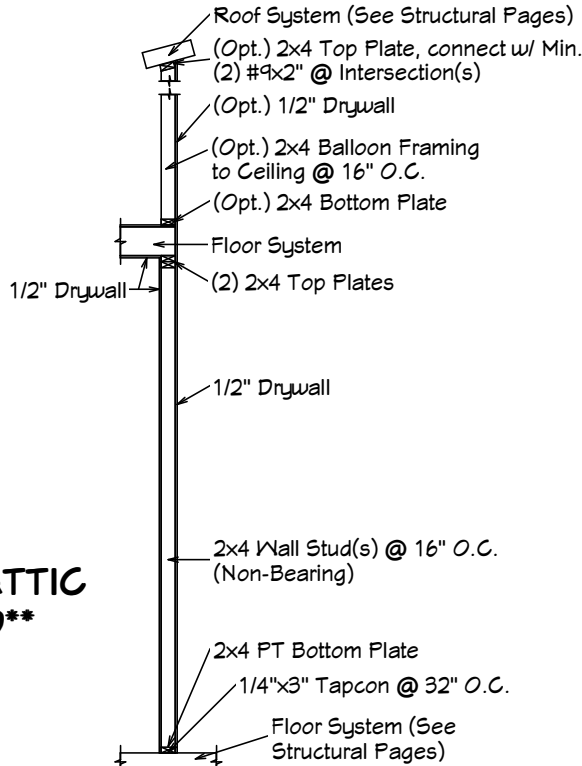


FLOOR PLAN

SCALE - 1/8" = 1'

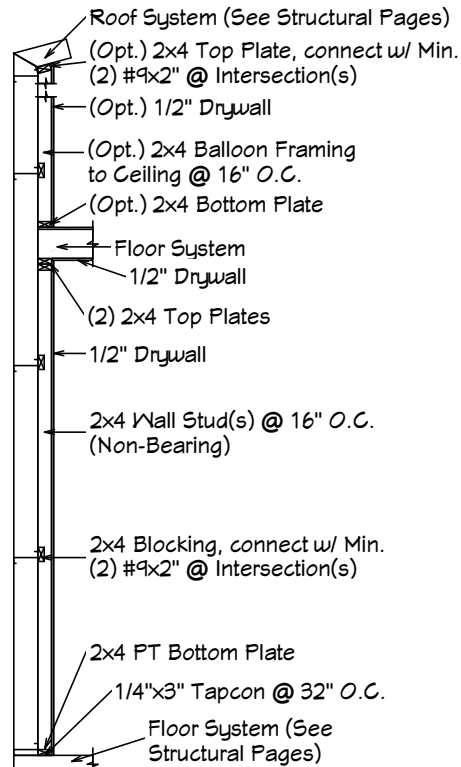
NOTE: INSULATION IS SPRAY FOAM, NO ATTIC VENTILATION CALCULATIONS ARE NEEDED

NOTE: ALL PENETRATIONS & OPENINGS BETWEEN GARAGE AND CONDITIONED AREAS MUST ABIDE TO FBC-R302.5 & R302.6 ALL HOUSE TO GARAGE DOORS TO BE SOLID CORE 1-3/8" THICK, OR 20 MIN FIRE RATED.



Wall Section Detail

Scale - 1/4" = 1'



Wall Section Detail

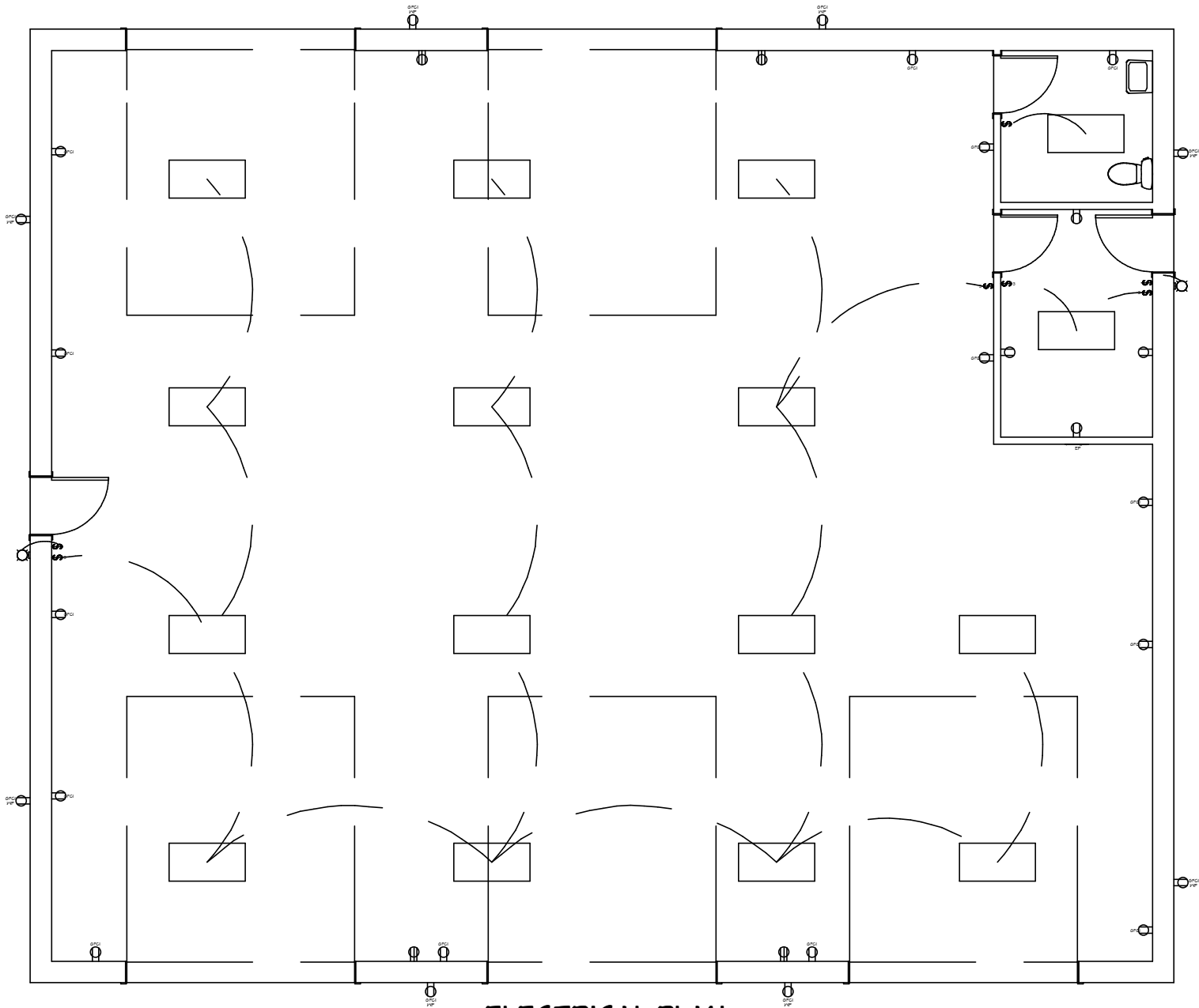
Scale - 1/4" = 1'

Interior Layout

Metal Building Engineering, LLC
Lexington, SC 29073

Interior Buildout of a New Structure
Frost RV Repair
(TBD) SW Windswept Glen, Lake City, Florida, 32024

DATE	11/26/21
DESIGNED BY	WEB
DRAWN BY	KM
APP'D BY	2021-281



ELECTRICAL PLAN
SCALE - 1/8" = 1'

*NOTE:
-Location of electric outlets are a representation only. Outlets will be located per local building code.
All is work is to be in compliance with FBC Energy Conservation (R403.7.1 & R404)

-Provide AFCI(arc-fault circuit interrupters) in all dwelling unit bedrooms per NEC article 210-12)

-100% of all fixed light fixtures inside and outside have CLF/LED Lamps.

-The required GFCI outlets (dwelling units) bathrooms, kitchen countertops, outlets within 6ft of laundry, utility wet bar sinks, accord to NEC210

-All outlets are tamper resistant

- For attics, at least one lighting outlet containing a switch or controlled by a wall switch shall be installed. At least one point of control shall be at the usual point of entry to these spaces (NEC 210.10 A/3)

- AFCI Protection - 210.2 (B) Dwelling Units. All 120v, single phase, 15/20a branch circuit supplying outlets installed in: dwelling units, family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or areas of similar use shall be protected by a listed AFCI combination type. Install to provide protections of the branch circuit (FBC R E3902.16)

ELECTRICAL - DATA - AUDIO LEGEND	
SYMBOL	DESCRIPTION
	Ceiling Fan w/ Light Fixtures
	Ventilation Fans: Ceiling Mounted
	Ceiling Mounted Light Fixtures: Surface, Recessed, Heat Lamp, Low Voltage
	Wall Mounted Light Fixtures: Flush Mounted, Wall Sconce
	Chandelier Light Fixture
	Fluorescent Light Fixture
	240V Receptacle
	110V Receptacles: Duplex, Weather Proof, GFCI
	Switches: Single Pole, Weather Proof, 3-Way, 4-Way
	Switches: Dimmer, Timer
	Electrical Breaker Panel
	Ceiling Mounted: Smoke Detector (SD), Carbon Monoxide Detector (CO)

Interior Buildout of a New Structure
Frost RV Repair
(TBD)SW Windswept Glen, Lake City, Florida, 32024

DATE: 11/26/21
DRAWN BY: WER
CHECKED BY: KM
APP'D BY: 2021-281

Sheet
A103

MATERIAL SPECIFICATIONS:

CAST - IN - PLACE CONCRETE IS DETAILED & PROVIDED BY OTHERS
REINFORCING STEEL: SHALL BE ASTM A615, GRADE 40
ANCHORING ADHESIVE: SHALL BE ONE OF THE FOLLOWING PRODUCTS (DUAL CARTRIDGE INSTALLATION ONLY):
*SIMPSON STRONG-TIE CO., PRODUCT: EPOXY-TIE SET
*SIMPSON STRONG-TIE CO., PRODUCT: ACRYLIC-TIE AT
NAILS: ALL NAIL EXPOSED TO EXTERIOR SHALL BE GALVANIZED OR STAINLESS STEEL
ALL NAILS EXPOSED TO FIRE-TREATED LUMBER SHALL BE STAINLESS STEEL

ROOF ASSEMBLIES:

ROOF ASSEMBLIES ARE DETAILED & PROVIDED ON STRUCTURAL PAGES

FOOTINGS AND FOUNDATIONS:

FOOTINGS AND FOUNDATIONS PER FBC AND ARE DETAILED & PROVIDED ON STRUCTURAL PAGES

SOILS:

MINIMUM ALLOWABLE SOIL BEARING CAPACITY = 1500 PSI
SUBSURFACE SOIL CONDITIONS WERE NOT AVAILABLE AT THE TIME OF THIS DESIGN. THE OWNER SHALL PROVIDE TO THE CONTRACTOR A REPORT OF THE SUBSURFACE CONDITIONS. SOIL PREPARATIONS NOTED IN AID REPORT SHALL BE FOLLOWED UNLESS MORE STRINGENT DESIGN IS SPECIFIED WITHIN THESE PLANS.
THE FILL BELOW THE FOUNDATION SHOULD BE FREE OF DEBRIS, ORGANIC MATERIAL, COHESIVE SOILS OR ANY OTHER DELETRIOUS MATERIAL. SOIL MUST BE COMPACTED TO 95% MODIFIED PROCTOR MAXIMUM DRY DENSITY FOR A DEPTH OF 2'-0" BELOW THE BOTTOM OF THE FOOTING

CONCRETE:

CONCRETE AND STEEL REINFORCEMENT SHALL BE IN ACCORDANCE WITH FBC & AS DETAILED IN STRUCTURAL PAGES

EXTERIOR WALL & INTERIOR SHEARWALL SHEATHING:

EXTERIOR WALL SHEATHING IS DETAILED & PROVIDED ON STRUCTURAL PAGES. THERE ARE NO REQUIRED INTERIOR SHEAR WALLS FOR THIS STRUCTURE

HEADERS/ JACK STUDS:

REFER TO THESE PLANS FOR HEADER AND JACK STUD REQUIREMENTS.

VERTICAL FRAMING:

USE 2x4 STUDS FOR ALL INTERIOR WALLS, UNLESS NOTED OTHERWISE IN THESE PLANS.
SPACE STUDS @ 16" O.C. MINIMUM AT ALL INTERIOR BEARING WALLS AND INTERIOR SHEAR WALLS.
SPACE STUDS @ 24" O.C. MINIMUM AT ALL INTERIOR NON-BEARING WALLS.
USE SPF #2 (OR BETTER) FOR ALL WALLS.
USE SYP #2 TOP PLATES AND PT SYP#2 SILL PLATES.
IN GENERAL THE THRU-BOLTS SERVE AS THE CONTINUOUS LOAD PATH FROM THE DOUBLE TOP PLATE TO THE FOUNDATION.
WHERE " CONVENTIONAL STRAPPING" IS SHOWN ON THESE PLANS USE:
SIMPSON SP2 W/ (6) 10D NAILS EACH END FOR WALL STUD TO TOP PLATE CONNECTIONS @ 32" O.C.
SIMPSON CS20 STRAPPING W/ (7) 10Dx1.5" NAILS EACH END FOR SECOND-STORY WALL STUD CONNECTIONS @ 32" O.C.
SIMPSON SP1 W/ (6) 10D NAILS TO STUD AND (4) 10D NAILS TO SILL PLATE @ 16" O.C. AND ANCHOR BOLTS AT 32" O.C.

WOOD:

WOOD FRAMING SHALL BE IN ACCORDANCE WITH FBC, EXCEPT AS NOTED IN THESE PLANS.

FASTENINGS:

THE "FASTENING SCHEDULE" IN FBC SHALL BE USED UNLESS OTHERWISE IN THESE PLANS.
THE DOUBLE TOP PLATE SHALL HAVE A 4" LAP AND SHALL BE FACE-NAILED WITH (8) 12D SINKERS.

ROOF AND CEILING FRAMING:

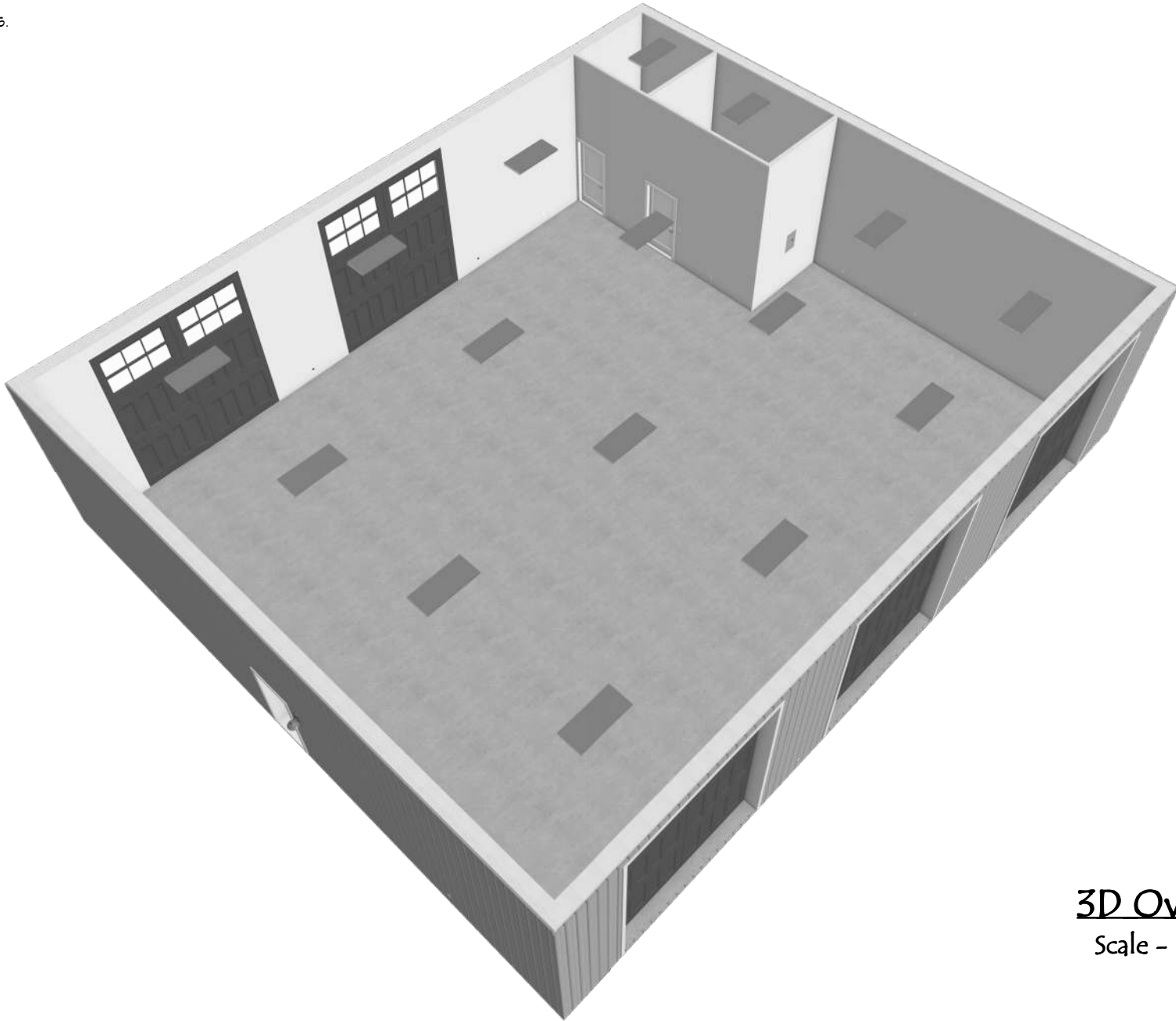
ALL ROOF FRAMING IS DETAILED AND PROVIDED ON STRUCTURAL PAGES. CEILING FRAMING IS SECURED TO FIRRED WALL FRAMING AS SHOWN IN WALL SECTION & IN THESE PLANS

ROOF SHEATHING AND DIAPHRAM ATTACHMENT:

ROOF SHEATHING AND FINISH IS DETAILED AND PROVIDED ON STRUCTURAL PAGES

SHEAR WALLS

EXTERIOR SHEAR WALLS ARE DETAILED & PROVIDED ON STRUCTURAL PAGES, THERE ARE NO REQUIRED INTERIOR SHEAR WALLS FOR THIS STRUCTURE.



3D Overview
Scale – No Scale

SQUARE FOOTAGE INFORMATION:

- * CONDITIONED SPACE: 140sf
- * UNCONDITIONED SPACE: 2860sf
- * TOTAL COVERED SPACE: 3000sf

TYPE OF CONSTRUCTION:

- * TYPE: V-B
- * PROTECTION: UNPROTECTED & UNSPRINKLERED

CODES:

FLORIDA BUILDING CODE 2020, AMERICAN CONCRETE INSTITUTE, AMERICAN INSTITUTE OF TIMBER CONSTRUCTION

CODE ANALYSIS:

- *2020 FLORIDA BUILDING CODE - BUILDING (1TH EDITION)
- *2020 FLORIDA BUILDING CODE - RESIDENTIAL (1TH EDITION)
- *2020 FLORIDA BUILDING CODE - PLUMBING (1TH EDITION)
- *2020 FLORIDA BUILDING CODE - MECHANICAL (1TH EDITION)
- *2017 NATIONAL ELECTRICAL CODE

GENERAL NOTES

1. CODES USED: 2020 FLORIDA BUILDING CODE SEVENTH EDITION, ACI, NDS, APA AND ASCE-7-16. ALL LATEST EDITIONS USED.
2. ALL DESIGN, CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND AUTHORITIES HAVING JURISDICTION OVER THE WORK.
3. CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS AT THE JOB SITE PRIOR TO COMMENCING CONSTRUCTION.
4. DETAILS FOUND WITHIN THESE DRAWINGS SHALL BE ASSUMED TO BE TYPICAL DETAILS FOR THIS JOB ONLY. DETAILS SHALL GOVERN CONSTRUCTION FOR THIS JOB UNLESS OTHERWISE NOTED ON THE PLANS.
5. DIMENSIONS ARE SHOWN FOR REFERENCE ONLY. REFER TO ARCHITECTURAL PLANS FOR ALL DIMENSIONS. IF DIMENSIONS CANNOT BE DETERMINED FROM THE ARCHITECTURAL PLANS, CONTACT THE ARCHITECT OF RECORD.
6. SUBSURFACE SOIL CONDITIONS WERE NOT AVAILABLE AT THE TIME OF THIS DESIGN. IT IS RECOMMENDED THAT THE OWNER PROVIDE TO THE CONTRACTOR A REPORT OF THE SUBSURFACE CONDITIONS. SOIL PREPARATIONS NOTED IN SAID REPORT SHALL BE FOLLOWED UNLESS MORE STRINGENT DESIGN IS SPECIFIED WITHIN THESE PLANS.