FRONT ELEVATION
SCALE: 1/4" = 1'-0"

REAR ELEVATION
SCALE: 1/4" = 1'-0"

LEFT ELEVATION
SCALE: 1/4" = 1'-0"

RIGHT ELEVATION
SCALE: 1/4" = 1'-0"

REVISIONS SCHEDULE

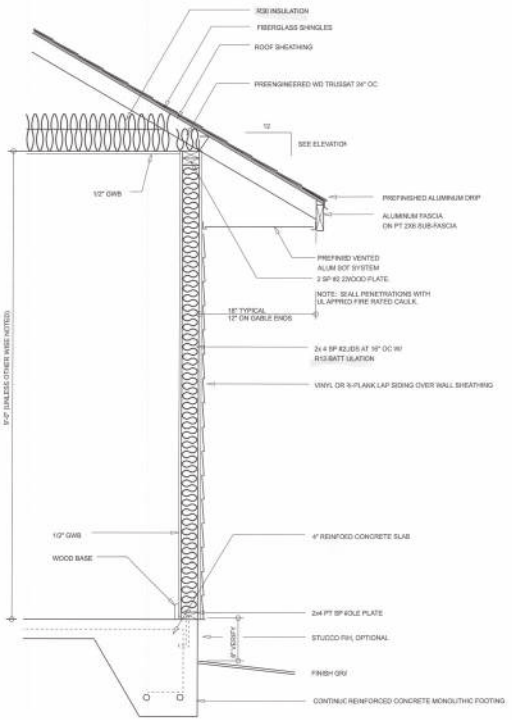
Jan. 4th, 2022	PROPOSAL DRAWINGS

JAMES & LORA DAVID
Forest Country Subdivision, Lake City, FL

RIDGEPOINT DESIGN
564 SW ARLINGTON BLVD, STE 101, LAKE CITY, FL 32025
P: 386-288-1388
E: RIDGEPOINTDESIGN@GMAIL.COM

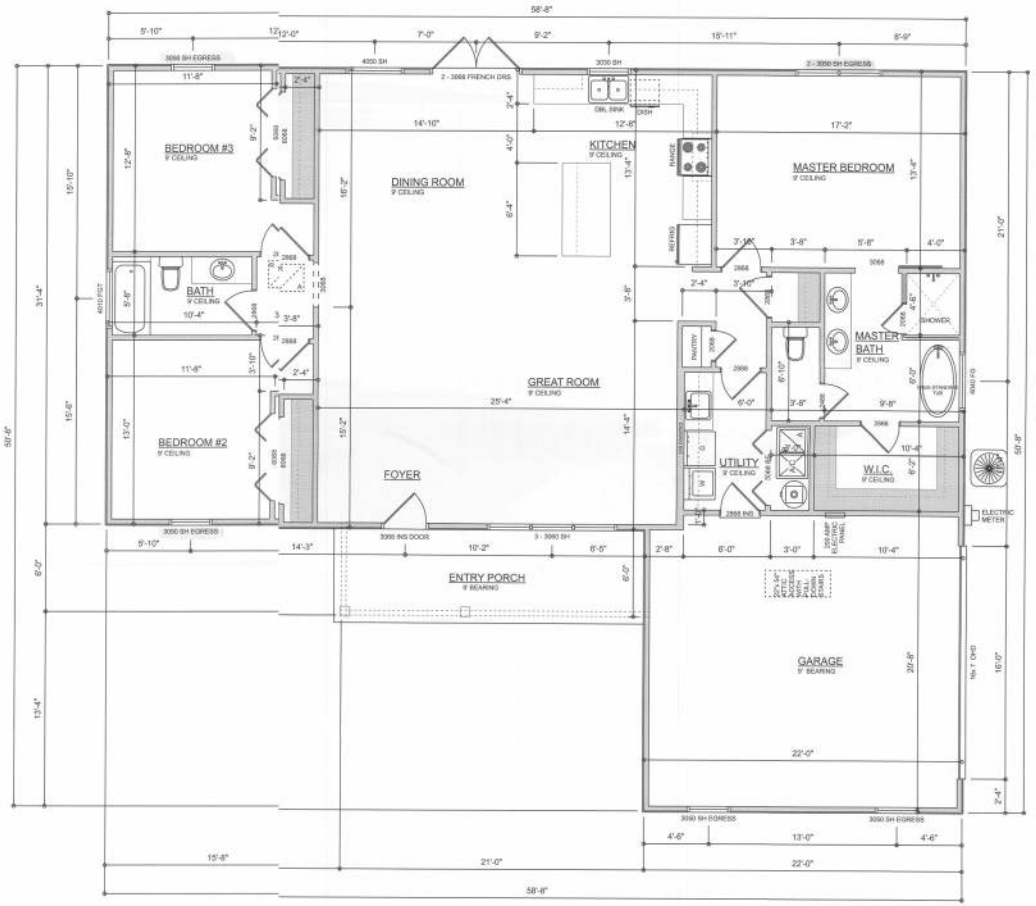
FILE COPY

SHEET NUMBER
A.1
OF 3 SHEETS



TYPICAL WALL SECTION

SCALE: 1" = 1'-0"



DIMENSIONED FLOOR PLAN

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

ALL CEILING HEIGHTS TO BE 9'

Garage fire separations shall comply with the following

1. The private garage shall be separated from the dwelling unit and its area by means of a minimum 1/2-inch (12.7 mm) gypsum board applied to the garage si. Garages beneath habitable rooms shall be separated from all habitable rooms above by niess than 5/8-inch Type X gypsum board or equivalent. Door openings between a private garage a the dwelling unit shall be equipped with either solid wood doors, or solid or honeycomb core steelors not less than 13/8 inches (34.9 mm) thick, or doors in compliance with Section 715.3.3. Openings from private garage directly into a room used for sleeping purposes shall not be permitted.

2. Ducts in a private garage and ducts penetrating the walls or ceilings separating the dwelling unit from the garage shall be constructed of a minimum 0.019-in (0.48 mm) sheet steel and shall have no openings into the garage.

3. A separation is not required between a Group R-3 and U carport provid the carport is entirely open on two or more sides and there are not enclosed areas abo.

4. When installing an attic access and/or pull-down stair unit in the garaj devise shall have a minimum 20 min. fire rating.

AREA SUMMARY

LIVING	1,815	S.F.
ENTRY PORCH	126	S.F.
GARAGE	449	S.F.
TOTAL LIVING	2,390	S.F.

TOTAL CUBIC FEET OF CONDITIONED SPACE IS: 16,335

REVISIONS SCHEDULE

Jan. 4th, 2022	PROPOSAL DRAWINGS

JAMES & LORA DAVID

Forest Country Subdivision, Lake City, FL

RIDGEPOINT DESIGN
364 SW ARLINGTON BLVD, STE 103, LAKE CITY, FL 32025
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SHEET NUMBER

A.2

OF 3 SHEETS

ELECTICAL LEGEND		
ELECTRICA	COUNT	SYMBOL
CEILING FAN	4	
CAN LIGHT 6inch	8	
CHANDELIER	2	
LED CEILING LIGHT 1x	3	
PENDANT LIGHT	2	
EXTERIOR SCONCE	3	
MOTION SECURITY LICT	3	
CABLE TV OUTLET	4	
CARBON DETECTOR	1	
EXHAUST FAN	2	
OUTLET	27	
OUTLET 220v	5	
OUTLET GFI	15	
OUTLET WP	3	
SMOKE DETECTOR	4	
STANDARD LIGHT	7	
SWITCH	26	
SWITCH 3 WAY	12	
VANITY BAR LIGHT - SALL	3	

ELECTRICAL PLAINOTES:

INSTALLATION SHALL BE PEATEST NATL ELECTRIC CODE.

WIRE ALL APPLIANCES, HVAJNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIOI

CONSULT WITH THE OWNEROR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INALLED

ALL SMOKE DETECTORS SHL BE 120v W/ BATTERY BACKUP OF THE PHOTOELERIC TYPE, AND SHALL BE INTERLOCKED TOGETHE INSTALL INSIDE AND NEAR ALL BEDROOMS

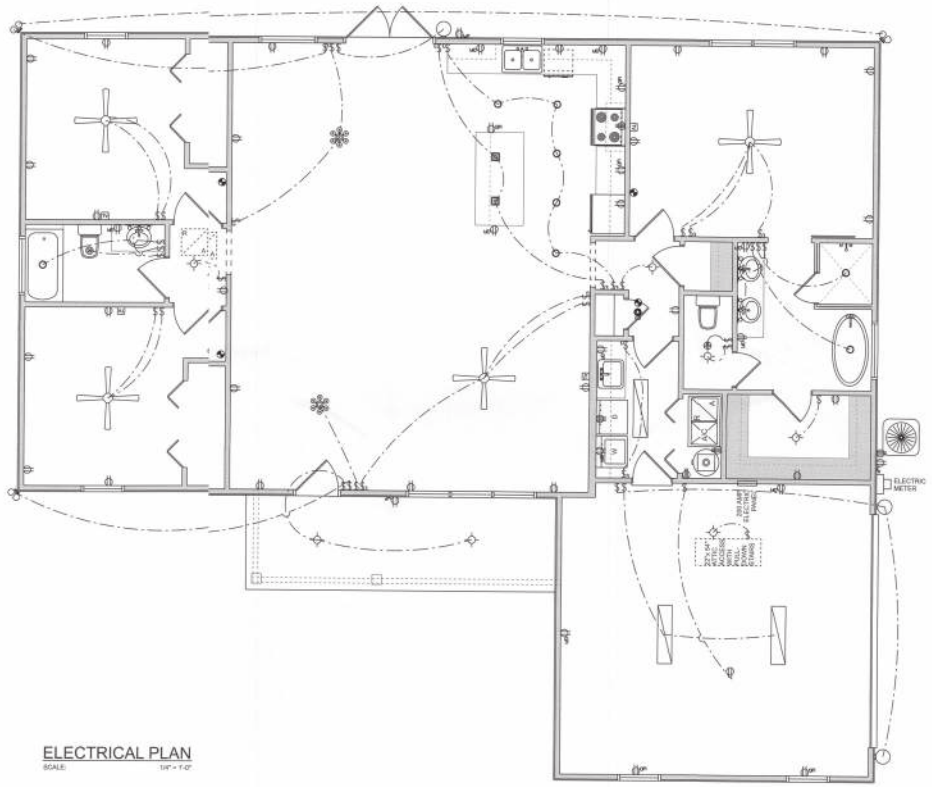
TELEPHONE, TELEVISION AI OTHER LOW VOLTAGE DEVICES OR OUTLETS SHABE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDCE W/ APPLICABLE SECTIONS OF NEC-LATEST ETION.

ALL RECEPTICALS, NOT OTHNWSE NOTED, SHALL BE ARC FAULT INTERRUPTER TYPE,/CEPT DEDICATED OUTLETS

ALL RECEPTICALS IN WET AAS SHALL BE GROUND FAULT INTERRUPTER TYPE (1)

ALL EXTERIOR RECEPTICALIHALL BE WEATHERPROOF GROUD FAULT INTERRUPTE'YPE (WPYGFI)

NOTE:
ELECTRICAL CONTR SHALLSEPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELERICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PL., ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT REL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N; DESCPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIREXCATIONS/ROUTING / DEPTH, RISER DIA. SHALL INCLUDE RE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS.
CONTRACTOR SHALL PROVI: 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THPERMIT ISSUING AUTHORITY



ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"

REVISIONS SCHEDULE

Jan. 4th, 2022	PROPOSAL DRAWINGS

JAMES & LORA DAVID
Forest Country Subdivision, Lake City, FL

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E: RIDGEPOINTDESIGN@GMAIL.COM

SHEETNUMBER
A.3
OF 3 SHEETS

CONCRETE / MASONRY / METALS GENERAL NOTES:

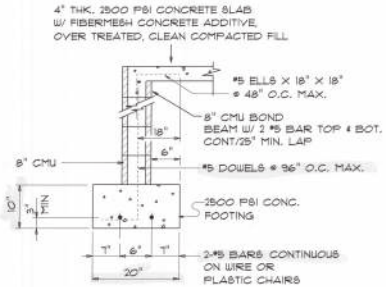
1. DESIGN SOIL BEARING PRESSURE: 1500 PSF.
2. EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS - TESTS AS SPECIFIED SHALL BE PREFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
3. CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING GD. SHALL BE PLACED IN 12" LIFTS. BOTH SUB-SOIL AND FILL COMPACTION SHALL BE NOT LESS THAN 98% AS MEASURED BY A MODIFIED PROCTOR TEST AT THE RATE OF ONE TEST FOR EACH 500 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
4. REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615, ALL BENDS SHALL BE MADE COLD.
5. WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YELD STRESS = 65 KSI.
6. CONCRETE SHALL BE STANDARD MIX F'c = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD PUMP MIX F'c = 3000 PSI, STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
7. CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM C-90 REQUIREMENTS WITH MEDIUM SURFACE FINISH - F'm = 1500 PSI.
8. MORTAR SHALL BE TYPE "M" OR "S" FOR ALL MASONRY UNITS.
9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH, BOLTS SHALL BE ASTM A307 / GRADE 1 OR A325, AS PER PLAN REQUIREMENTS.
10. WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
11. 2X4 P/T WOOD SILL CONT., ALL AROUND, W/ 1/2"-Ø A.B. W/ 3" SQ. X 1/4" PLATE WASHERS WITHIN 12-IN" FROM EACH CORNER, EA. WAY, & WITHIN 12-IN" FROM ALL WALL OPENINGS / ENDS - 1/2"- A.B. W/ 3" SQ. WASHERS ALONG EACH RUN @ 48" O.C., MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 8" EMBEDMENT INTO THE CONCRETE.

NOTE:
THE DESIGN WIND SPEED FOR THIS PROJECT IS 150 MPH PER 2020 FBC 1609 AND LOCAL JURISDICTION REQUIREMENTS

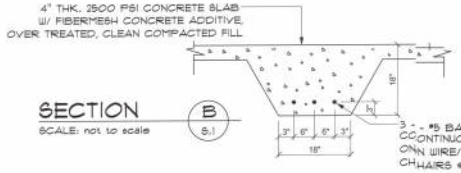
NOTE:
PLUMBING CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL PLUMBING WORK, INCLUDING ALL PLUMBING LINE LOCATIONS AND RISER DIAGRAM - CONT'R SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER AND 1 COPY TO THE PERMIT ISSUING AUTHORITY.

NOTE:
ADDED FILL SHALL BE APPLIED IN 8" LIFTS - EA. LIFT SHALL BE COMPACTED TO 98% DRY COMPACTION PER THE "MODIFIED PROCTOR" METHOD.

NOTE:
H.V.A.C. CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DRAWINGS INDICATING ALL H.V.A.C. WORK, INCLUDING ALL DUCTWORK LOC., SIZES, LINER, EQUIPMENT SCH. & BALANCING REPORT - CONT'R SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

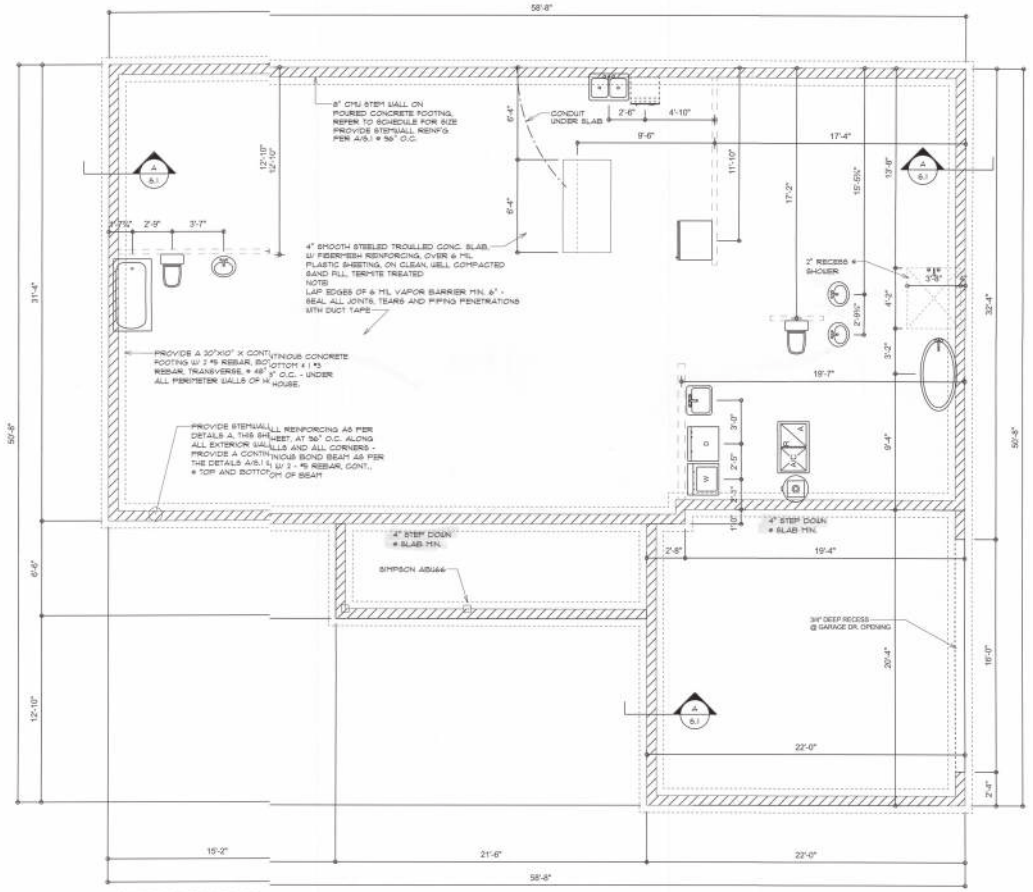


SECTION A / S.1
SCALE: 3/4" = 1'-0



SECTION B / S.1
SCALE: not to scale

• • USE THIS DETAIL AT INTERIOR BEARING WALLS (SEE TRUSS CO. LAYOUT FOR POSSIBLE LOCATIONS) • •



FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

REVISIONS
Jan. 4th, 2022

JAMES & LORA DAVID
Forest Country Subdivision, Lake City, FL

NICHOLAS PAUL GEISLER ARCHITECT
N.C.A.R.B. Certified
7188 NW Bimini Rd. ■ Lake City, FL 32055 ■ (386) 365-3030

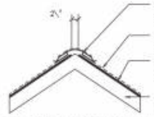
SHEET NUMBER
S.1
OF 4 SHEETS

AR0007005

WOOD STRUCTURAL NOTES

1. TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY & PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE "TRUSS PLATE INSTITUTE".
2. ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAME. TRUSS DESIGN SHALL INCLUDE PLACEMENT PLANS, TRUSS DETAILS, TRUSS TO TRUSS CONNECTIONS & THE STANDARD SPECIFICATIONS & RECOMMENDATIONS OF INSTALLATION OF THE "TRUSS PLATE INSTITUTE".
3. WOOD STUDS IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN Nr.2 HEM-FIR OR BETTER.
4. CONNECTORS FOR WOOD FRAMING SHALL BE GALVANIZED METAL OR BLACK METAL AS MANUFACTURED OR AS CALLED FOR IN THE PLANS AND BE OF A DESIGN SUITABLE FOR THE LOADS AND USE INTENDED. REFER TO THE JOINT REINFORCEMENT SCHEDULE FOR PRINCIPLE CONNECTIONS.

AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQ.IN.
1900 SF	24 LF	490 SQ.IN.
2200 SF	28 LF	570 SQ.IN.
2500 SF	32 LF	650 SQ.IN.
2800 SF	36 LF	730 SQ.IN.
3100 SF	40 LF	820 SQ.IN.
3600 SF	44 LF	900 SQ.IN.



MIAMI/DADE PRODUCT APPROVAL REPORT: FBE-OTG.06

Ridge Vent DETAIL (B)

SCALE: 3/4" = 1'-0"

STANDARD HEADER SCHEDULE

0'-0" UP TO 6'-0" OPENINGS

DOUBLE 2x8 No.#2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED & NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSN MSTA18 TOP AND 1 - SIMPSON SP4R BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD & 1 FULL HEIGHT STUDS EACH SIDE OF OPENING

6'-0" UP TO 9'-0" OPENINGS

DOUBLE 2x12 No.#2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED & NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 1 - SIMPSN MSTA24 TOP AND 2 - SIMPSON SP4R BOTTOM EACH SIDE OF OPENING WITH 1 - HEADER STUD & 2 FULL HEIGHT STUDS EACH SIDE OF OPENING

9'-0" UP TO 16'-0" OPENINGS

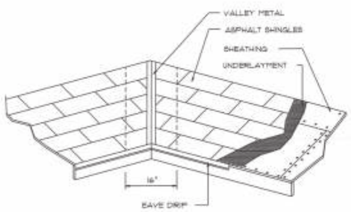
DOUBLE 2x12 No.#2 SOUTHERN PINE WITH 1/2" OSB SOLID CONTINUOUS SPACER GLUED & NAILED WITH 10d x 0.128" x 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSN MSTA18 EACH SIDE OF OPENING WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDEF OPENING

16'-0" GARAGE DOOR OPENINGS

2 PLY 1¾" x 11 7/8" 2.0E MICROLAMM LVL HEADER GLUED AND NAILED WITH 10d x 0.131 3" NAILS IN 2 ROWS @ 12" O.C. STAGGERED EACH SIDE WITH 3 - SIMPSON MSTA18 EACH SIDE OF 'ENING WITH 2 - HEADER STUDS AND 3 FULL HEIGHT STUDS EACH SIDE OF OPENING

ROOFING METALS for FLASHING/ROOFING
MINIMUM THICKNESS REQUIREMENTS

MATERIAL	MINIMUM THICKNESS (In)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0179	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.027		 40 20



VALLEY FLASHING

Roofing/Flashing DETS. (A)

SCALE: NONE

ROOF PLAN NOTES

- R-1 SEE ELEVATIONS FOR ROOF PITCH
- R-2 ALL OVERHANG 18" (12" on gables) UNLESS OTHERWISE NOTED
- R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON SD.3
- R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
- R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

NOTE!
SHEATH ROOF W/ 1/2" CDPLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE FRAMING W/ 8d NAILS - AS PER DETAIL : SHEET S.4

NOTE!
THE DESIGN WIND SPE) FOR THIS PROJECT IS 130 MPH IR FBC 1609 AND LOCAL JURISDICTN REQUIREMENTS

NOTE: REFERENCE TRUSS ENGINEERING !!!

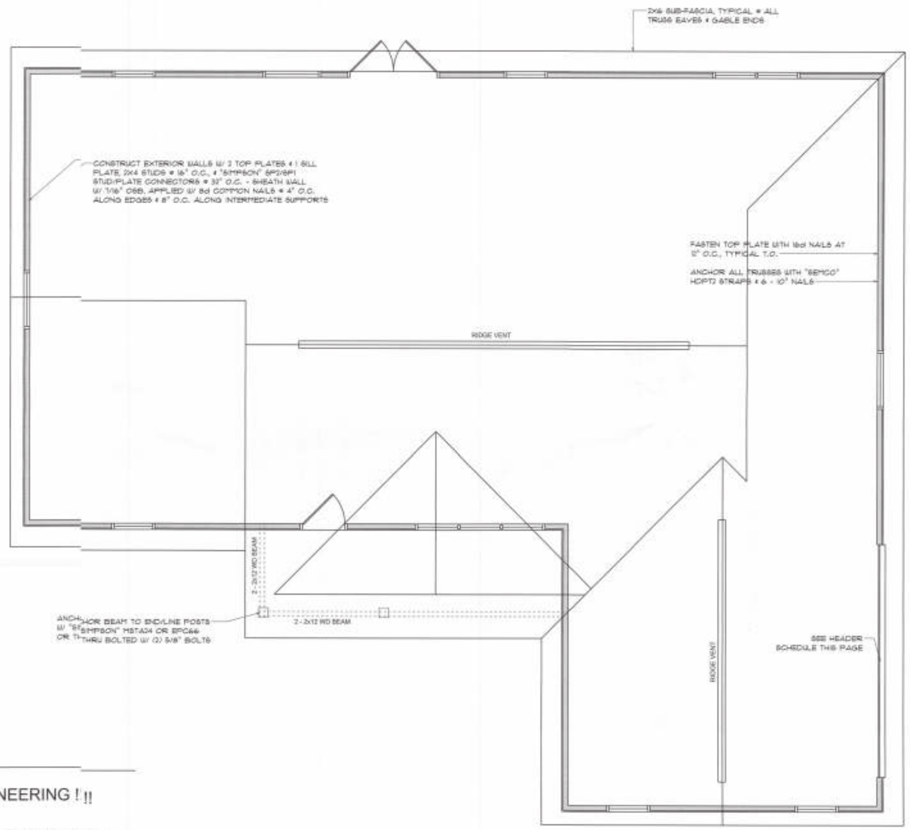
NOTE!
ANCHOR GIRDER TRUSS(ES) TO HEADER WITH 2 "SIMPSON" LGT2, 3 OR 4), ANCHOR HEADER TO KING STUDS W/ 2 "SIMPSON" ST22 EA. END - TYP., T.O.

NOTE!
REFER TO THE WINDOW/DOOR HEADER SCHEDULE ON SHEET SD.4 FOR ALL MINIMUM SIZE HEADERS AND ALTERNATES MINIMUM SIZE ALLOWABLE IS 2-2X10.

GENERAL TRUSS NOTES:

1. TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND IT'S CONNECTIONS", LATEST Ed., ALONG W/ THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS. & TRUSS TO TRUSS CONNECTIONS.
2. TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
3. FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS. THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

NOTE!
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING. INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE



Roof Framing PLAN

SCALE: DO NOT SCALE!

REFERENCE A.2 FLOOR PLAN FOR ALL DIMENSIONS

REVISIONS
Jan. 4th, 2022

JAMES & LORA DAVID
Forest Country Subdivision, Lake City, FL

NICHOLAS PAUL GEISLER ARCHITECT
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1758 NW Brown Rd.
Lake City, FL 32055
(386) 758-5021

SHEET NUMBER
S.2
OF 4 SHEETS

AR0007005

FLORIDA BUILDING CODE

Compliance Summary

TYPE OF CONSTRUCTION

Roof: Gable Common, Wood Trusses @ 24" OC
Walls: 2x4 Wood Studs @ 16" O.C.
Floor: 4" Thk. Concrete@ 28 W/ Fibermesh Concrete Additive
Foundation: Cont.Ftg/Footer/Stem Wall

ROOF DECKING

Material: 1/2" CDX Plywd or 7/16" O.S.B.
Sheet Size: 48"x96" sets Perpendicular to Roof Framing
Fasteners: 8d Ring Sk. Nails per schedule on sheet A-1

SHEARWALLS

Material: 1/2" CDX Plywd or 7/16" O.S.B.
Sheet Size: 48"x96" sets Placed Vertical
Fasteners: 8d Ring sk. Nails @ 4" O.C. Edges & 8" O.C. Interior
Dragline: Double T Plate (S.Y.P.) W/8d Nails @ 8" O.C.
Stl Studs: 2x4 Studs @ 16" O.C.

HURRICANE UPLIFT CONNECTORS

Truss Anchors: SPFP6 HD.5a @ Ea. Truss End (Typ. U.O.N.)
Stl Tension: Stl Shiring Nailing is Adequate - 8d @ 4" O.C. Top & Bot.
Anchor Bolts: 1/2" A1 Bolts @ 48" O.C. - in Bolt 12"-16" from corner
Corner Hold-down Devic: (1) HDSa @ each corner
Porch Column Base Connctor: Simpson ABU66 @ each column
Porch Column to Beam Connctor: Simpson EPC66/PC66 @ each column

FOOTINGS AND FOUNDATIO

Footing: 30"X10" X CT., CONCRETE FOOTING W/ 3 #5 REBAR.

STRUCTURAL DESIGN CRITRIA:

1. THE DESIGN COMPLIES WITH " REQUIREMENTS OF THE 2020 FLORIDA BUILDING CODE - SECTION 609 D OTHER REFERENCED CODES AND SPECIFICATIONS. ALL CODES &SPECIFICATIONS SHALL BE LATEST EDITION AT TIME OF PERMIT.

2. WIND LOAD CRITERIA: RISK CAGORY: II, EXPOSURE: "B"

BASED ON ANSI/ASCE 7-10, 2018IBC &2018 IRC WIND VELOCITY: V_{ULT} = 130 MPH
V_{ASD} = 101 MPH

3. ROOF DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: . . . . . 20 PSF
SUPERIMPOSED LIVE LOADS: . . . . . 20 PSF

4. FLOOR DESIGN LOADS:
SUPERIMPOSED DEAD LOADS: . . . . . 25 PSF
SUPERIMPOSED LIVE LOADS:
RESIDENTIAL . . . . . 40 PSF
BALCONIES . . . . . 60 PSF

5. WIND NET UPLIFT: ARE ABSCATED ON PLANS

TERMITE PROTECTIC NOTES:

SOIL CHEMICAL BARRIER METD:

1. A PERMANENT SIGN &ACHIEVTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINSPECTIONND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALBE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. FBC 104.2.2

2. CONDENSATE AND ROOF DRIPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WLS. FBC 1503.4.4

3. IRRIGATION/SPRINKLER SYSTMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALD WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4

4. TO PROVIDE FOR INSPECTI FOR TERMITE INFESTATION, BETWEEN WALL COVERINGS AND FINAL GARTWRADE SHALL NOT BE LESS THAN 6";

EXCEPTION: PAINT AND DECRATIVE CEMENTIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TOHE FOUNDATION WALL. FBC 1403.1.6

5. INITIAL TREATMENT SHALL I DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC1816.1.1

6. SOIL DISTURBED AFTER TINITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OROPNED. FBC 1816.1.3

7. BOXED AREAS IN CONCRETFLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE ME WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MT BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE SOIL AFTER THE INITIAL TREATMENT. FBC 1816.1.3

8. MINIMUM & MIL VAPOR RETDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMT IS REQUIRED. FBC 1816.1.4

9. CONCRETE OVERPOUR &NDMORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE FINISH SOIL TREATMENT. FBC 1816.1.5

10. SOIL TREATMENT MUST BE PPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THSTRUCTURE SIDEWALLS. FBC 1816.1.6

11. AN EXTERIOR VERTICAL CHICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE &LDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER T VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 1816.1.6

12. ALL BUILDINGS ARE REQUID TO HAVE PER-CONSTRUCTION TREATMENT. FBC 1816.1.1

13. A CERTIFICATE OF COMPLICE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY " LICENSED PEST CITROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WLL BE ISSUED. S CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES.SE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". FBC 1816.1."

14. AFTER ALL WORK IS COMPTED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0"F THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAP BOXES, FOR, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3

15. NO WOOD, VEGETATION, STMP, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 18'-0" OF ANY BUILDNGR PROPOSED BUILDING. FBC 2303.1.4

FRAMING ANCHOR &SCHEDULE

APPLICATION	MANUFR/MODEL	CAP.
TRUSS TO WALL:	SIMPSON H2.5a	600*
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT, W/ 28 - 16d NAILS	1785*
HEADER TO KING STUD(S):	SIMPSON ST22	1370*
PLATE TO STUD:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
STUD TO SILL:	NO CONNECTION REQ. WHEN USING WINDSTORM BOARD	
PORCH BEAM TO POST:	SIMPSON PC66/EPC66	1700*
PORCH POST TO FND.:	SIMPSON ABU66	2200*
MISC. JOINTS	SIMPSON A34	315#/240*

NOTE:
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

NOTE:
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE:
"SENCO" PRODUCT APPROVALS:
MIAMI/DADE COUNTY REPORT #'s #20-0618.18

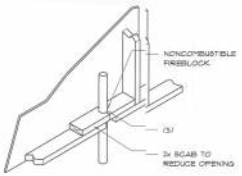
NOTE:
"SIMPSON" PRODUCT APPROVALS:
MIAMI/DADE COUNTY REPORT #'s #21-0107.09, #26-1126.11, #19-0623.04
IBCCI NER-443, NER-353

BUILDING COMPONENTS & CLADDING LOADS
MEAN BUILDING HEIGHT = 30.0', EXPOSURE "B"
ROOF ANGLE = 7° TO 27°

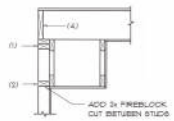
	ZONE	AREA	V_{ULT} 130 MPH	V_{ASD} 100.7 MPH	V_{ULT} 150 MPH	V_{ULT} 140 MPH
ROOF 7° TO 27°	1	10	12.0 / -15.8	14.5 / -23.1	17.9 / -21.8	20.3 / -32.3
	1	20	11.4 / -15.4	13.8 / -23.0	16.0 / -21.0	18.9 / -31.4
	1	50	10.0 / -15.8	11.9 / -23.3	13.9 / -22.0	16.1 / -30.2
	2	10	12.0 / -34.7	14.5 / -41.3	17.9 / -48.4	20.3 / -56.2
	2	20	11.4 / -31.9	13.8 / -38.0	16.0 / -44.8	18.9 / -51.7
	2	50	10.0 / -28.2	11.9 / -33.6	13.9 / -39.4	16.1 / -45.1
	3	10	12.0 / -50.3	14.5 / -61.0	17.9 / -71.6	20.3 / -83.1
	3	20	11.4 / -47.9	13.8 / -57.1	16.0 / -67.0	18.9 / -77.7
	3	50	10.0 / -43.5	11.9 / -51.8	13.9 / -60.8	16.1 / -70.3
WALL	4	10	21.9 / -23.8	25.9 / -34.7	30.4 / -33.0	35.3 / -58.2
	4	20	20.8 / -22.6	24.7 / -36.5	25.0 / -31.6	33.1 / -56.1
	4	50	19.3 / -22.3	23.2 / -28.4	27.2 / -29.8	31.6 / -54.6
	5	10	21.9 / -29.1	25.9 / -34.7	30.4 / -40.7	35.3 / -67.2
	5	20	20.8 / -27.2	24.7 / -32.4	29.0 / -38.0	33.7 / -64.0
	5	50	19.3 / -24.8	23.2 / -29.3	27.2 / -34.3	31.6 / -35.8

HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENTS FOR BUILDING COMPONENTS & CLADDING

BLDG. HEIGHT	EXPOSURE "B"	EXPOSURE "C"	EXPOSURE "D"
15	1.00	1.21	1.47
20	1.00	1.29	1.55
25	1.00	1.35	1.61
30	1.00	1.40	1.66



PENETRATIONS



SOFFIT/DROPPED CLG.

FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS W/ "PYROPANEL MULTIFLEX SEALANT"
4. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS. FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

Fire Stopping DETAILS

SCALE: NONE

A

General Roofing NOTES:

DECK REQUIREMENTS:
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DBL. UNDERLAYMENT IS REQUIRED.

UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 226, TYPE I, OR ASTM D 4869, TYPE I.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1970.

ASPHALT SHINGLES:
ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3462.

FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE THE SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT:
ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 90 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3161 OR MODIFIED TO 130 MPH.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:
1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPED 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE W/ MFGR'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:
1. FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 807.3.1.2.
2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLIES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
   1. BOTH TYPES I AND 2 ABOVE, COMBINED.
   2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
   3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1970.

NOTE !!!
ROOFSHINGLES SHALL BE AS MANUFACTURED BY "TAMKO ROOFING PRODUCTS" OF THE FOLLOWING MODELS:

GLASS-SEAL AR
ELITE GLASS-SEAL AR
HERITAGE 30 AR
HERITAGE 40 AR
HERITAGE 50 AR

THESE SHINGLES MEET THE REQUIREMENTS OF ASTM D-3161 TYPE I MODIFIED TO 130 MPH WINDS & FBC TAS 100, USING 4 NAILS/SHINGLE

REVISIONS
Jan. 4th, 2022

JAMES & LORA DAVID
Forest Country Subdivision, Lake City, FL

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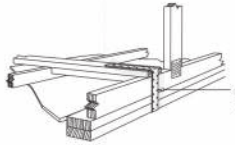
SHEET NUMBER
S.3
OF 4 SHEETS

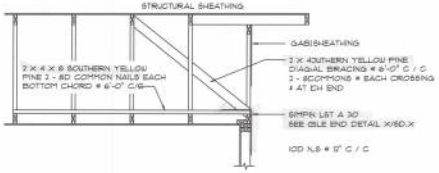
AR0007005



GABLE END GYPSUM DIAPHRAGM HOLDOWN CONNECTOR

SCALE: NONE

A.1



END WALL BRACING FOR CEILING DIAPHRAGM

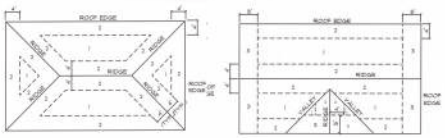
NTS (ALTERNATIVE TO BALLOON FRMING)

A

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YLLOW PINE

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	B SPACING
1	7/16" O.S.B. OR 15/32 CDX	10 RING SHANKED NAILS	6 in. o.c. EDGE 12 in. o.c. FIELD
2			6 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. EDGE 6 in. o.c. FIELD

3 = GABLE ENDWALL IN GABLE TRUSS



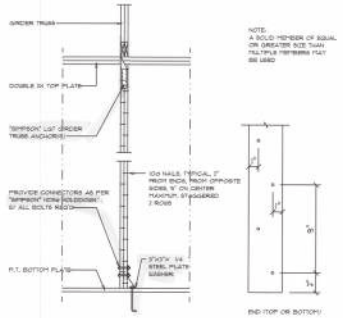
ROOF SHEATHING NAILING ZONES (HIP ROOF)

ROOF SHEATHING NAILING ZONES (GABLE ROOF)

Roof Nail Pattern DET.

SCALE: NONE

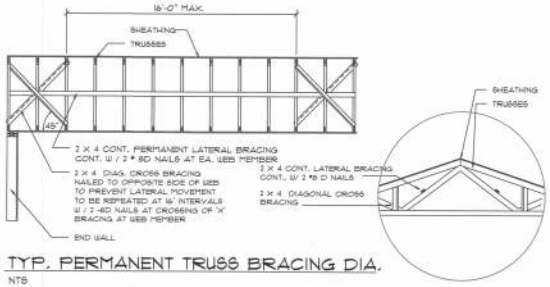
B



Girder Truss Column DET.

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

C



TYP. PERMANENT TRUSS BRACING DIA.

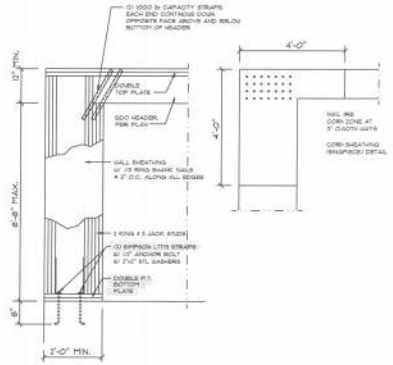
NTS

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

Truss Bracing DETAILS

SCALE: AS NOTED

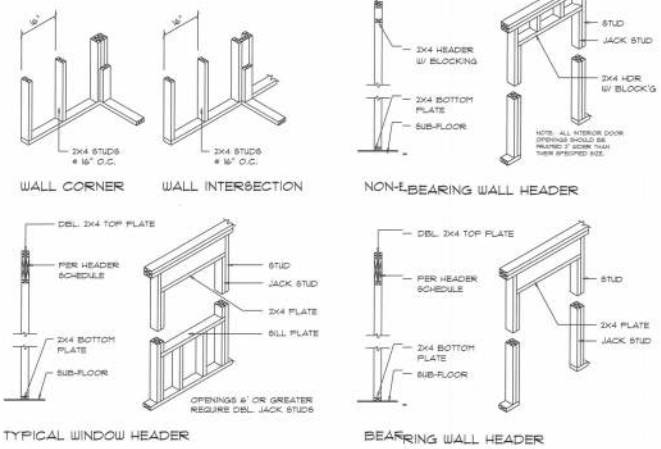
D



Garage End Wall DETAILS

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

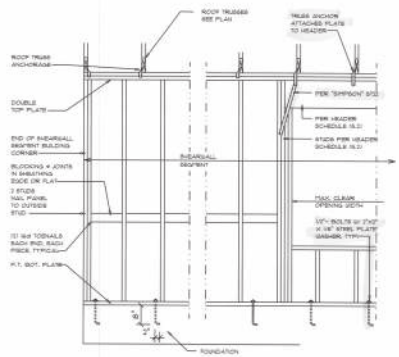
G



Wall Framing/Header DETAILS

SCALE: NONE

F



SHEARWALL NOTES:

1. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS
2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" WINDSTORY SD INCLUDING AREAS ABOVE AND BELOW OPENINGS
3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING.
4. NAIL SPACING SHALL BE 6" O.C. EDGES AND 12" O.C. IN THE FIELD.
5. TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 66% TYPES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.3 FOR 8'-0" WALLS (7.27').

OPENING WIDTH	SILL PLATES	MIN TOE NAILS EACH END
UP TO 6'-0"	(1) 3x4 OR (1) 3x6	1
7'-0" TO 9'-0"	(1) 3x4 OR (1) 3x6	2
9'-0" TO 12'-0"	(1) 3x4 OR (1) 3x6	3

TOP & BOTTOM PLATE CONNECTORS ARE NOT REQUIRED WHEN USING WINDSTORY SHEATHING

Shear Wall DETAILS

SCALE: NONE

E

REVISIONS
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Forest Country Subdivision, Lake City, FL

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