

A HOME RENOVATION / ADDITION FOR:
**Gregory & Barbara
 Lussier**



PROJECT ADDRESS:
 2178 SW BRIM STREET
 LAKE CITY, FLORIDA 32024
 (COLUMBIA COUNTY)



SHEET INDEX

- A1 EXTERIOR ELEVATIONS
- A2 DIMENSIONED FLOOR & ELECTRICAL PLANS
- S1 FOUNDATION PLAN & DETAILS
- S2 ROOF PLAN DETAILS & NOTES
- S3 WINDLOAD INFO, NOTES & DETAILS
- S4 FRAMING DETAILS & NOTES

AREA SUMMARY	
EXISTING LIVING AREA	2,463 S.F.
NEW LIVING AREA	567 S.F.
TOTAL LIVING AREA	3,030 S.F.
NEW GARAGE/STOR. AREA	868 S.F.
EXISTING PORCH AREA'S	373 S.F.
TOTAL AREA	4,271 S.F.

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS
November 20, 2023

SOFTPLAN

COVER PAGE

A RESIDENCE REMODEL / ADDITION FOR
Gregory & Barbara Lussier
 PROJECT ADDRESS: 2178 SW BRIM STREET, LAKE CITY, FLORIDA 32024

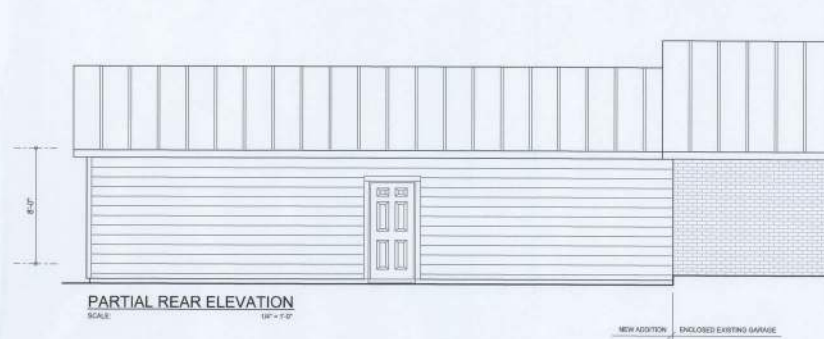
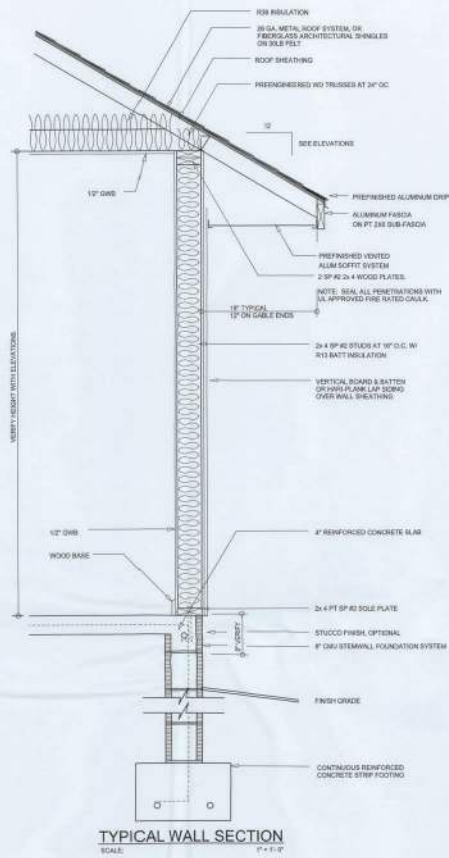
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JOB NUMBER
 20251105

SHEET NUMBER
 COVER

W.M. Design



NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS:
November 20, 2025

SOTIRAN

EXTERIOR ELEVATIONS
SCALE: 1/8" = 1'-0"

TYPICAL WALL SECTION
SCALE: 1" = 1'-0"

A RESIDENCE REMODEL, ADDITION FOR
Gregory & Barbara Lussier
PROJECT ADDRESS: 2718 DWY BRIM STREET, LAKE CITY, FLORIDA, 32809

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WM

JOB NUMBER
20251105

SHEET NUMBER
A.1

Wm C. M...

ELECTRICAL LEGEND	
	CEILING FAN (PWR-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET (AFPC & TAMPER RESISTANT)
	20A OUTLET
	GFI DUPLEX OUTLET (PER NEC-408.4)
	TELEVISION JACK
	SPECIALTY CIRCUIT AS REQ'D. VERIFY W/ EQUIP.
	SMOKE / CARBON MONOXIDE DETECTOR (3000 INW 5400W)
	WALL SWITCH
	3 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	1 OR 4 LED STRIP FIXTURE

NOTE:
ALL EXTERIOR RECEPTABLES SHALL BE AFCI (ARC FAULT CIRCUIT INTERRUPT) PER NEC 210.12 & TAMPER RESISTANT PER NEC 408.11

ALL INTERIOR & EXTERIOR LIGHTING SHALL MEET OR EXCEED THE MIN. 75% HIGH-EFFICIENCY LIGHTING PER IBC-ENERGY CONSERVATION M204

ALL SMOKE DETECTORS BE A COMBO SMOKE & CARBON MONOXIDE DETECTOR AND SHALL HAVE BATTERY BACKUP POWER AND ALL WIRING TOGETHER SO IF ANY ONE UNIT IS ACTIVATED THEY ALL ACTIVATE

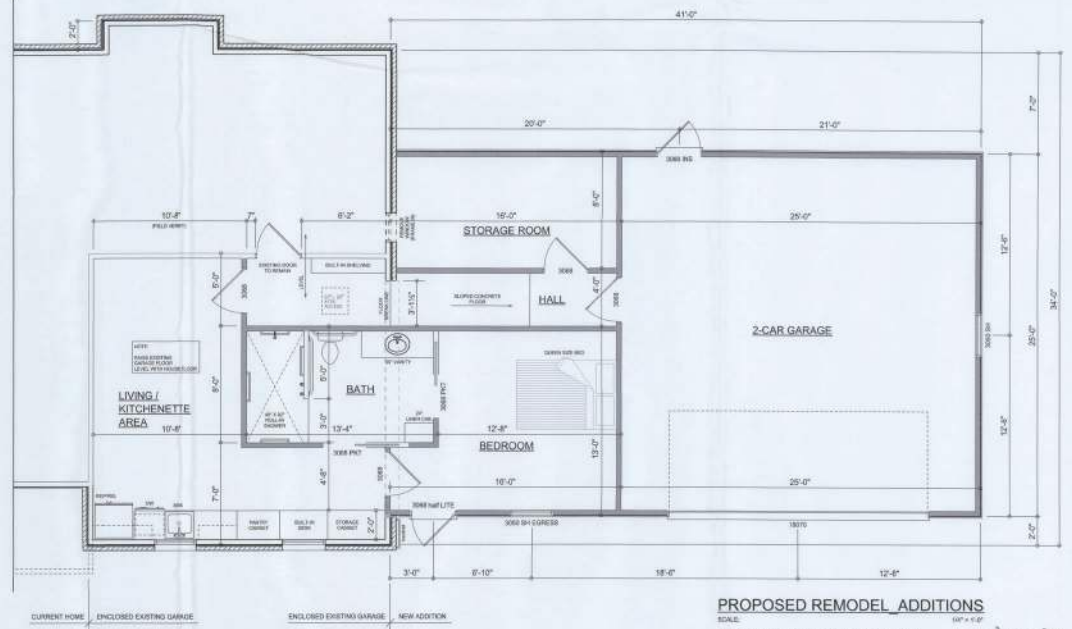
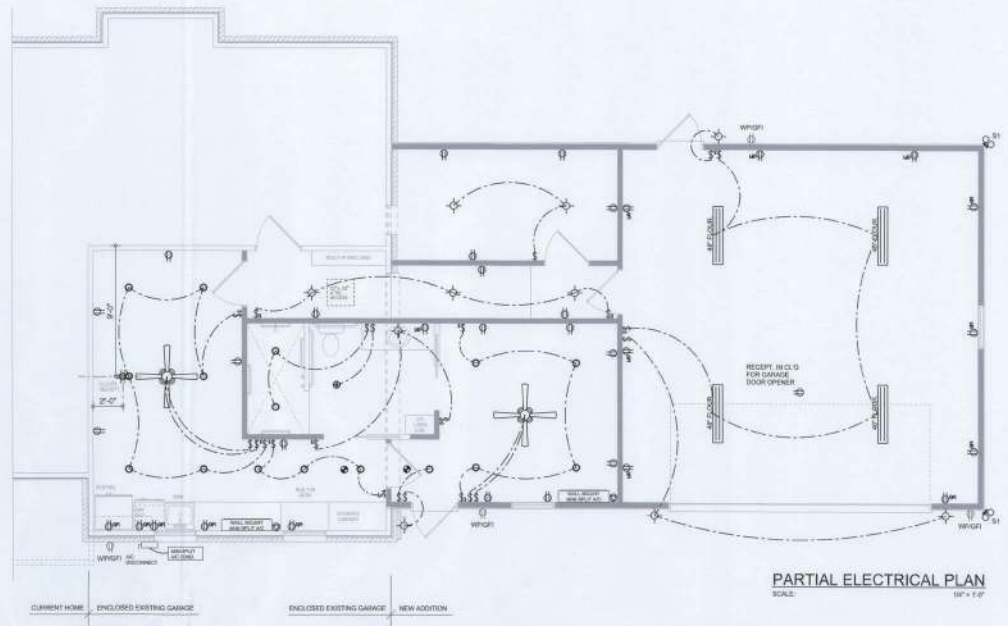
THE ELECTRICAL SERVICE OVERCURRENT PROTECTION DEVICE SHALL BE INSTALLED ON THE EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECT MEANS. CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS TO A PANEL OR SUB-PANEL SHALL HAVE FOUR WIRE CONDUCTORS, OF WHICH ONE CONDUCTOR SHALL BE USED AS AN EQUIPMENT GROUND

IT IS THE LICENSED ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO INSURE THAT ALL WORK PERFORMED AND EQUIPMENT INSTALLED MEETS OR EXCEEDS THE 2020 (NFPA-70) NATIONAL ELECTRIC CODE AND ALL OTHER LOCAL CODES AND ORDINANCES.

NOTE: A FLORIDA LICENSED ELECTRICAL CONTRACTOR SHALL DETERMINE IF THE EXISTING ELECTRICAL PANEL HAS THE CAPACITY FOR THE ADDITIONAL CIRCUITS OR IF A ELECTRICAL SUB-PANEL SHALL BE INSTALLED

AREA SUMMARY	
EXISTING LIVING AREA	2,463 S.F.
NEW LIVING AREA	567 S.F.
TOTAL LIVING AREA	3,030 S.F.
NEW GARAGE/STOR. AREA	868 S.F.
EXISTING PORCH AREA'S	373 S.F.
TOTAL AREA	4,271 S.F.

- Garage fire separations shall comply with the following:
- The private garage shall be separated from the dwelling unit and its attic area by means of a minimum 1/2-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch Type X gypsum board or equivalent. Door openings between a private garage and the dwelling unit shall be equipped with either solid wood doors, or solid or honeycomb core steel doors not less than 1 3/8 inches (34.9 mm) thick, or doors in compliance with Section 715.3.3. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted.
 - 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-inch (0.48 mm) sheet steel and shall have no openings into the garage.
 - A separation is not required between a Group R-3 and U carport provided the carport is entirely open on two or more sides and there are not enclosed areas above.
 - When installing an attic access and/or pull-down stair unit in the garage, devise shall have a minimum 20 min. fire rating.



NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS	November 20, 2025
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PROPOSED REMODEL ADDITIONS
1 of 1 of
ELECTRICAL PLAN
10/1/25

A RESIDENCE REMODEL ADDITION FOR:
Gregory & Barbara Lussier
PROJECT ADDRESS: 2718 SW 88th STREET, LAKE CITY, FLORIDA, 32009

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JOB NUMBER
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SHEET NUMBER
A.2

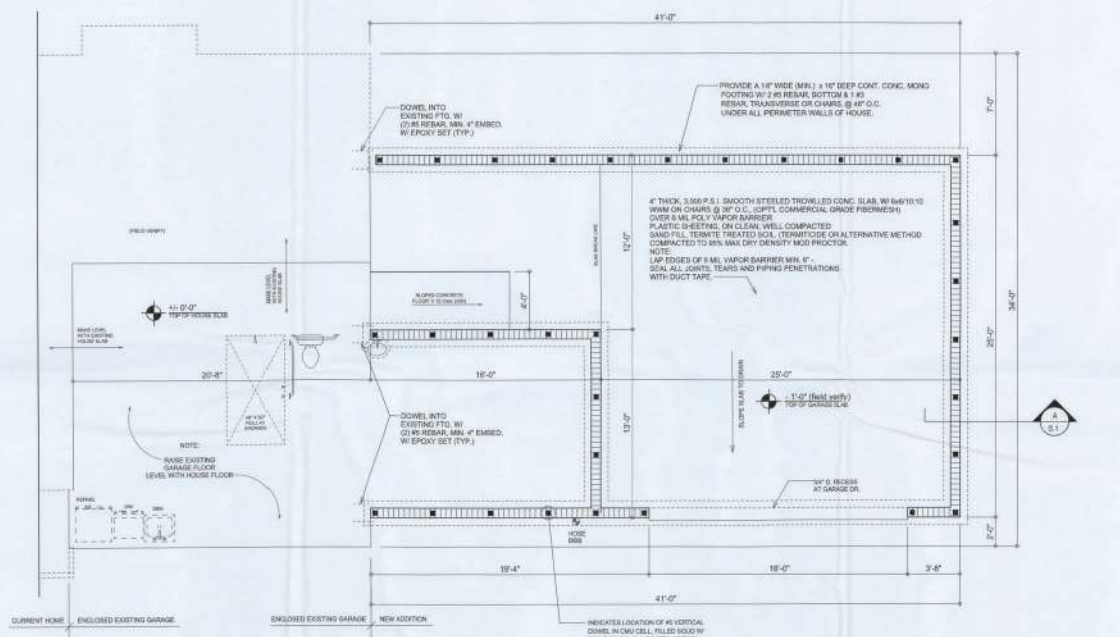
Will C. [Signature]



CONCRETE / MASONRY / METALS GENERAL NOTES:

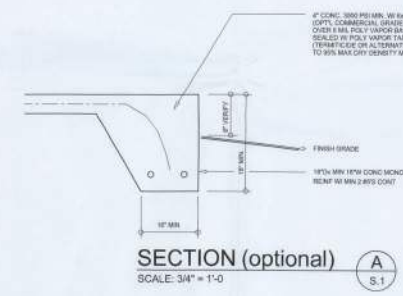
- DESIGN SOIL BEARING PRESSURE: 1000 PSF.
- EXPANSIVE SOILS: WHERE DIRECTED BY THE SOILS ENGINEER, SOIL AUGMENTATION PER THE SOILS ENGINEER'S SPECIFICATIONS SHALL BE IMPLEMENTED PRIOR TO PLACING ANY FOUNDATIONS. TESTS AS SPECIFIED SHALL BE PERFORMED TO DETERMINE THE SUITABILITY OF THE SUB-GRADE TO SUPPORT THE DESIGN LOADS.
- CLEAN SAND FILL OVER STRIPPED AND COMPACTED EXISTING DD. 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 1000 SF OF BUILDING PAD AREA, OR FRACTION THEREOF, FOR EACH 12" LIFT.
- REINFORCING STEEL SHALL BE GRADE 40 AND MEET THE REQUIREMENTS OF ASTM A616. ALL BENDS SHALL BE MADE COLD.
- WELDED WIRE MESH SLAB REINFORCING SHALL MEET THE REQUIREMENTS OF ASTM A185 - MIN. YIELD STRESS = 80 KSI.
- CONCRETE SHALL BE STANDARD MIX P₁ = 3000 PSI FOR ALL FTGS, SLABS, COLUMNS AND BEAMS OR SHALL BE STANDARD MIX P₂ = 3000 PSI. STRENGTH SHALL BE ATTAINED WITHIN 28 DAYS OF PLACEMENT. MIXING, PLACING AND FINISHING SHALL BE AS PER ACI STANDARDS.
- CONCRETE BLOCK SHALL BE AS PER MANUFACTURER'S PRODUCT GUIDE FOR ASTM D-30 REQUIREMENTS WITH MEDIUM SURFACE FINISH. P₁ = 1500 PSI.
- MORTAR SHALL BE TYPE "M" OR "N" FOR ALL MASONRY UNITS.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 STANDARDS FOR STRENGTH. BOLTS SHALL BE ASTM A307 / GRADE 1 OR A305, AS PER PLAN REQUIREMENTS.
- WELDS SHALL BE AS PER "AMERICAN WELDING SOCIETY" STANDARDS FOR STRUCTURAL STEEL APPLICATIONS.
- 2x4 PITCH WOOD SILL, CONT. ALL ANCHORS W/ 12" A.B. W/ 2" SQ. 1/4" PLATE WASHERS WITHIN 2" FROM EACH CORNER. SA. W/ 4" WITHIN 4" FROM ALL WALL OPENINGS. ENDS - 12" A.B. W/ 2" SQ. WASHERS ALONG EACH RUN @ 48" O.C. MAX. - ALL ANCHOR BOLTS SHALL HAVE A MINIMUM OF 2" EMBEDMENT INTO THE CONCRETE.

NOTE:
PRIOR TO THE CONSTRUCTION OF THE FOUNDATION, THE CONTRACTOR SHALL COORDINATE ANY INTERIOR BEARING WALL LOCATIONS PER THE TRUSS ENGINEER'S SHOP DRAWINGS WITH THE FOUNDATION PLAN. ANY INTERIOR BEARING WALL LOCATIONS OR ANY POINT LOADS OF 40 K OR GREATER SHALL BE SUPPORTED VIA A MODIFIED FOUNDATION PLAN. TAINING THESE LOADS INTO CONSIDERATION, THE CONTRACTOR SHALL MAKE THE ENGINEERED TRUSS SHOP DRAWINGS AVAILABLE TO THE ARCHITECT FOR THE PURPOSE OF REVISIONING SUCH MODIFICATIONS PRIOR TO POURING ANY CONCRETE.

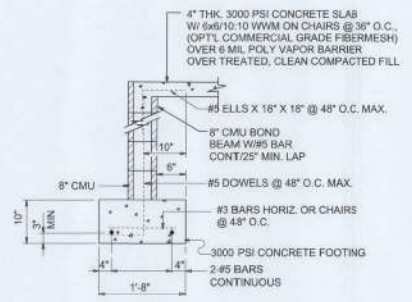


PARTIAL FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

INTERIOR BEARING WALLS:
IT IS THE BUILDING CONTRACTOR'S RESPONSIBILITY TO VERIFY WITH THE TRUSS ENGINEERING AND ALL INTERIOR BEARING WALL LOCATIONS AND FURNISH THE ENGINEER OR ARCHITECT OF RECORD TRUSS INFO TO THE FOUNDATION CONTRACTOR. WALL SIZE AND LOCATION ON THE FOUNDATION PLAN.

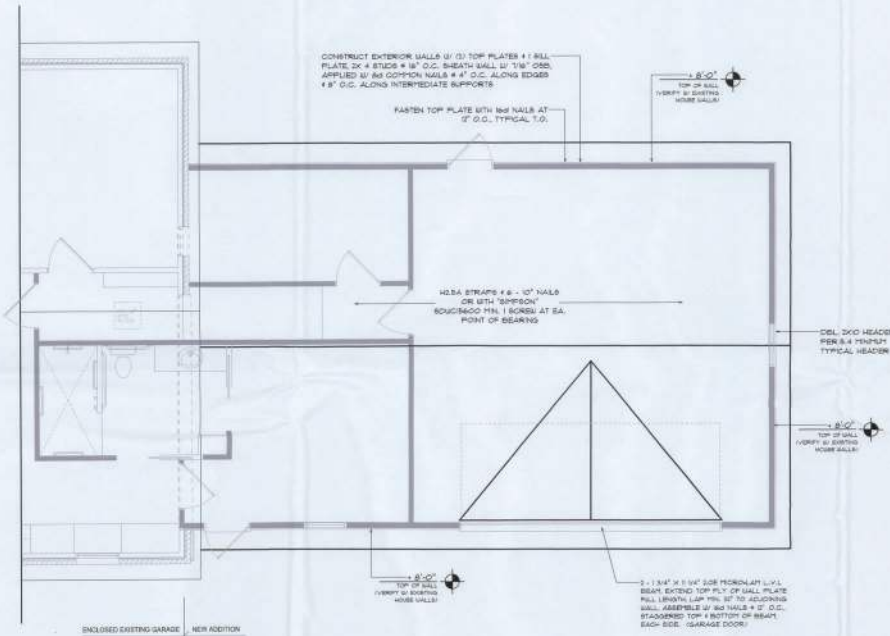


SECTION (optional) A
SCALE: 3/4" = 1'-0"



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

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS



Roof Framing PLAN

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

NOTE
ANCHOR BRIDER TRUSSES TO HEADER WITH 2 "SIMPSON" LUGS 3 OR 4. ANCHOR HEADERS TO KING STUDIE W/ 2 "SIMPSON" STD SA. END - TYP. T.O.

NOTE
REFER TO THE WINDOW/DOOR HEADER SCHEDULE ON SHEET 8-4 FOR ALL MINIMUM SIZE HEADERS AND ALTERNATE MINIMUM SIZE ALLOWABLE 18-3000.

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS. SOME OF THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN ADDITION TO TYPICAL NAILING. ANCHOR DEVICES SHALL BE REQUIRED FOR ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 100 LBS OR GREATER.

TRUSS BEARINGS ON INTERIOR PARTITIONS WHERE UPLIFT LOADS ARE PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACITY THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS. THE UPLIFT ANCHOR SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

ROOF PLAN NOTES

- R-1 SEE EXTERIOR ELEVATIONS FOR ROOF FINISH
- R-2 ALL OVERHANGS 18" UNLESS OTHERWISE NOTED
- R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON 8-3
- R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HESL HEIGHTS
- R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

NOTE
SHEATH ROOF W/ 1/2" CDX GOK PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES. SECURE TO TRACING W/ 10S KING-SHANK NAILS - AS PER DETAIL ON SHEET 8-4

NOTE
THE DESIGN WIND SPEED FOR THIS PROJECT IS 90 MPH PER 2003 IBC (16TH EDITION) AND LOCAL JURISDICTION REQUIREMENTS

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

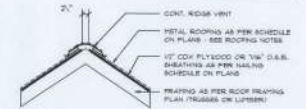
GENERAL TRUSS NOTES:

1. TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL TRUSS & JOINTING ASSOCIATION". MANUAL FOR TRUSS RATED LIFTING AND IT'S CONNECTIONS. LATEST ED. ALONG WITH THE TRUSS PLATE INSTITUTE. ENGINEERED DETAILS FOR TEMPORARY AND PERMANENT DRACHING AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS BRACK PLACEMENT PLANS, DETS. & TRUSS TO TRUSS CONNECTORS.
2. TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
3. FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS. ACCORDING TO THE ANCHOR REQUIREMENTS THAT BE REQUIRED DEPENDS ON THE ENGINEERED GRAVITY AND UPLIFT REQUIREMENTS THAT BE REQUIRED DEPENDS ON THE ENGINEERED GRAVITY AND UPLIFT REQUIREMENTS THAT BE REQUIRED DEPENDS ON THE ENGINEERED GRAVITY AND UPLIFT REQUIREMENTS THAT BE AVAILABLE. A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW. LOADS PROVIDED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONNECTIONS ON THE STRUCTURE.

WOOD STRUCTURAL NOTES

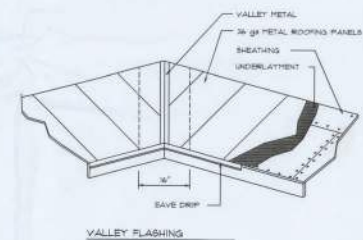
1. TEMPORARY BRACING OF THE STRUCTURE DURING ERECTION, REQUIRED FOR SAFE AND STABLE CONSTRUCTION, SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR SO ENGAGED. TEMPORARY 4 PERMANENT BRACING OF ROOF TRUSSES SHALL BE AS PER THE STANDARD GUIDELINES OF THE TRUSS PLATE INSTITUTE.
2. ALL TRUSSES SHALL BE DESIGNED BY A LICENSED PROFESSIONAL ENGINEER & SHALL BE SIGNED AND SEALED BY SAID. 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 STUDIE IN EXTERIOR WALLS & INTERIOR BEARING WALLS SHALL BE NOT LESS THAN N-2 1/2" 1EM-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	NEED L.A. OF VENT	NET FREE AREA OF VENT
800 SF	20 LF	412 SQ IN.
900 SF	24 LF	490 SQ IN.
1000 SF	28 LF	570 SQ IN.
1100 SF	32 LF	650 SQ IN.
1200 SF	36 LF	730 SQ IN.
1300 SF	40 LF	810 SQ IN.
1400 SF	44 LF	890 SQ IN.



Ridge Vent DETAIL

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



Roofing/Flashing DETS.

SCALE: NONE

ROOFING METALS FOR FLASHING/ROOFING

MINIMUM THICKNESS REQUIREMENTS

MATERIAL	MINIMUM THICKNESS (IN)	GAGE	WEIGHT (LB./SQ. FT.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		20	
GALVANIZED STEEL	0.015	26 (ZINC COATED G60)	
ENCL ALLOY LEAD	0.011		40
PAINTED TERNE			30

Roofing/Flashing DETS.

SCALE: NONE

PROJECT COORDINATION REQUIREMENTS

NOTE:
THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH APPLICABLE CODES AT THE TIME THEY ARE DRAWN. DUE TO VARYING STATE, LOCAL, AND NATIONAL CODES, RULES AND REGULATIONS, MUNICIPAL, ARCHITECT CANNOT WARRANT COMPLIANCE WITH ALL APPLICABLE STATE, LOCAL, AND NATIONAL CODES IN YOUR AREA OR WITH YOUR PARTICULAR SITE CONDITIONS. IT IS THE RESPONSIBILITY OF THE PURCHASER AND/OR BUILDER TO SEE THAT THE STRUCTURE IS BUILT IN STRICT COMPLIANCE WITH ALL GOVERNING MUNICIPAL, COUNTY, STATE AND FEDERAL, IF YOUR CITY OR STATE REQUIRE AN ENGINEER'S SEAL FOR THE AFFECTED PORTIONS OF THE WORK, YOU WILL NEED TO HAVE THAT DONE LOCALLY BY A QUALIFIED, LICENSED PROFESSIONAL ENGINEER.

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

REVISIONS
November 20, 2025

SOFTPLAN

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

A RESIDENCE REMODEL - ADDITION FOR
Gregory & Barbara Lussier
PROJECT ADDRESS: 278 SW BRIM STREET, LAKE CITY, FLORIDA 32026



NICHOLAS PAUL ARCHITECT
1138 SW BROWARD BLVD
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N.C.C.A.R. CERTIFIED
(386) 352-5355

JOB NUMBER
20251105

SHEET NUMBER
S.2
OF 4 SHEETS

FLORIDA BUILDING CODE

Compliance Summary

TYPE OF CONSTRUCTION

Roof: Gable & Hip Construction, Wood Trusses @ 24" O.C.
 Walls: 2x 4 or 2x 6 Wood Studs @ 16" O.C.
 Floor: 4" TH. Concrete Slab, Reinforced with 1/2" WWM ON CHAIRS @ 36" O.C.
 Foundation: Continuous monolithic footing or Stem Wall foundation system

ROOF DECKING

Material: 1/2" CDX Plywood or 1 1/8" G.S.S.
 Shear Size: 48x67 Shear Plates/anchors to Roof Framing
 Fasteners: 10d Ring-Sharp nails per schedule on sheet S.4

DRAWINGS

Material: 1/2" CD Plywood or 1 1/8" G.S.S.
 Shear Size: 48x67 Shear Plates/anchors to Roof Framing
 Fasteners: 10d Common Nails @ 4" O.C., Edges & 7" O.C. Interior
 Gypsum: Double Top Plate @ 2x 6 1/2" WWM Studs @ 12" O.C.
 Wall Studs: 2x4 Wood Studs @ 16" O.C.

HURRICANE UPLIFT CONNECTORS

Truss Anchors: SIMPSON HJ 5A (OR EQUIVALENT) W/ 6 - 100 NAILS
 Wall Ties: Wall Strapping Nailing & Anchors - 18 @ 4" O.C. To S & B
 Anchor Bolts: 1/2" A307 Bolt @ 48" O.C. - 1st Row 8' from corner
 Corner Hold-Down Devices: (1) HT22 (or equiv.) @ each corner
 Purlin Column Base Connector: Simpson BCB34K0206 @ each column
 Rafter Column Base Connector: Simpson EPC44PC44 @ each column

FOOTINGS AND FOUNDATIONS

Footing: 30" x 12" Cont. W/ (2) #3 Bars Cont. on slabs in (1) #3 Transverse @ 24" O.C.
 Stemwall: 8" C.M.U. With 4# Vertical Dowel @ 48" O.C.

STRUCTURAL DESIGN CRITERIA:

1. THE DESIGN COMPLIES WITH THE REQUIREMENTS OF THE 2023 FLORIDA BUILDING CODE WITH REFERENCE TO THE 2023 FLORIDA BUILDING CODE AND SPECIFICATIONS. ALL CODES AND SPECIFICATIONS SHALL BE LATEST EDITION AT THE TIME OF PERMIT.

2. WIND LOAD CRITERIA: RISK CATEGORY: 2, EXPOSURE 'B'
 BASED ON ANNEHANCE 1-22, 2023 REB. W09-A WIND VELOCITY: V₁₀ = 120 MPH
 V₃₀ = 101 MPH

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

4. FLOOR DESIGN LOADS:
 SUPERIMPOSED DEAD LOADS: 20 PSF
 SUPERIMPOSED LIVE LOADS: 40 PSF
 RESIDENTIAL: 60 PSF
 BALCONIES:

5. WIND UPLIFT (UPWT) ARE AS INDICATED ON PLANS

TERMITE PROTECTION NOTES:

SOIL CHEMICAL BARRIER METHOD:

1. A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND AIDED FOR REINJECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE MAIN HEATER OR ELECTRIC PANEL. FBC 19A.2.8
2. CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALLS. FBC 1508A.4
3. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" FROM BUILDING SIDE WALLS. FBC 1503.4.4
4. TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL CORNERS AND FINISH EARTH GRADE SHALL NOT BE LESS THAN 1/2" DECEPTION. PAINT AND DECORATIVE CEMENTITIOUS FINISH LESS THAN 1/2" THICK APPLIED DIRECTLY TO THE FOUNDATION WALL. FBC 1405.16
5. INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. FBC 19B.1.1
6. SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPICES COVERED. FBC 19B.1.2
7. BOXED AREAS IN CONCRETE FLOOR FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE AT LEAST 4" DEEP AND 1/2" THICK WALL. IT ELIMINATES THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. FBC 19B.1.3
8. MINIMUM 1/8" VAPOR BARRIER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF FINISH FLOOR OCCURS BEFORE VAPOR BARRIER PLACEMENT, RETREATMENT IS REQUIRED. FBC 19B.1.4
9. CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. FBC 19B.1.5
10. SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. FBC 19B.1.6
11. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING UNDERCAPPING AND VERRATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. FBC 19B.1.8
12. ALL BUILDINGS ARE REQUIRED TO HAVE PER-CONSTRUCTION TREATMENT. FBC 19B.1.7
13. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERNEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES." FBC 19B.1.7
14. AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAMPS, TUB TRAP BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. FBC 2303.1.3
15. NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. FBC 2303.1.4

FRAMING ANCHOR SCHEDULE

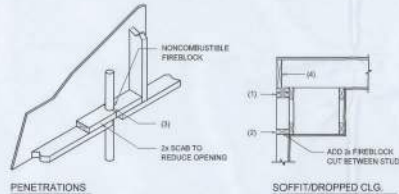
APPLICATION	MANUFACTURER	CAP.
TRUSS TO WALL:	SIMPSON HJ 5A (OR EQUIVALENT) W/ 6 - 100 NAILS	9658
GIRDER TRUSS TO POST/HEADER:	SIMPSON LGT, W/ 26 - 18# NAILS	17859
HEADER TO KING STUD(S):	SIMPSON ST22	13708
PLATE TO STUD:	SIMPSON SP2	18058
STUD TO SILL:	SIMPSON SP1	5856
PORCH BEAM TO POST:	SIMPSON PC44RFP44	17008
PORCH POST TO FIN.:	SIMPSON AB44	22008
MISC. JOINTS	SIMPSON A34	3158Q208

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: "SEMO" PRODUCT APPROVAL:
 MIAMI-DADE COUNTY REPORT #95-0818-15

NOTE: "SIMPSON" PRODUCT APPROVALS:
 MIAMI-DADE COUNTY REPORT #07-0107-010, #06-1128-11, #09-0623-04
 SBCCI NER-443, NER-393



PENETRATIONS

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 INTER-CONNECTORS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILING, GORE CEILING, ETC.
3. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH "FRANGIBLE MULTIRATE SEALANT".
4. AT ALL INTER-CONNECTOR 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 END AND OVER THE SURFACES.

Fire Stopping DETAILS

SCALE: NONE

A

BUILDING COMPONENTS + CLADDING LOADS
 MEAN BUILDING HEIGHT = 30'-0", EXPOSURE 'B'
 ROOF ANGLE 27 TO 45°

HEIGHT (ft)	V ₁₀ 10 MPH		V ₃₀ 30 MPH		V ₅₀ 50 MPH		V ₇₀ 70 MPH	
	Wind	Dir	Wind	Dir	Wind	Dir	Wind	Dir
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
30	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

HEIGHT + EXPOSURE ADJUSTMENT COEFFICIENTS
 FOR BUILDING COMPONENTS + CLADDING

BLDG. HEIGHT (ft)	EXPOSURE 'B'	EXPOSURE 'C'	EXPOSURE 'D'
10	.85	.75	.65
15	.85	.75	.65
20	.85	.75	.65
25	.85	.75	.65
30	.85	.75	.65

BUILDING COMPONENTS + CLADDING LOADS
 MEAN BUILDING HEIGHT = 30'-0", EXPOSURE 'B'
 ROOF ANGLE 27 TO 45°

HEIGHT (ft)	V ₁₀ 10 MPH		V ₃₀ 30 MPH		V ₅₀ 50 MPH		V ₇₀ 70 MPH	
	Wind	Dir	Wind	Dir	Wind	Dir	Wind	Dir
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
20	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
30	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

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. PER RISE, DOUBLE UNDERLAYMENT IS REQUIRED ON ROOF SLOPES GREATER THAN 4:12.

UNDERLAYMENT:
 UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM W/ ASTM D 308, TYPE I, OR ASTM D 4618, TYPE I.
 SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
 SELF-ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY W/ ASTM D 1903.
 ASPHALT SHINGLES:
 ASPHALT SHINGLES SHALL HAVE SELF-SEAL STRIPS OR BE INTERLOCKING AND COMPLY WITH ASTM D 225 OR ASTM D 3463.

FASTENERS:
 FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS. MINIMUM 1/2 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF 1/4 INCH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 1/4" 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 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3181 OR IACD PA 101-05.

UNDERLAYMENT APPLICATION:
 FOR ROOF SLOPES FROM 2:12 TO 4:12 AND GREATER, 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 TO 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 SLOPES 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
 STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 3 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
 BASE AND CAP FLASHINGS SHALL BE INSTALLED IN ACCORDANCE WITH MFG'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 77.88 PSF PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEYS:
 VALLEYS SHALL BE INSTALLED IN ACCORDANCE WITH 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 1/8" WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN FBC TABLE 1503.3.2.5.
 2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLYS 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 1 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 1910.

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ROOF SHINGLES SHALL BE AS MANUFACTURED BY TANKRO 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-3181 TYPE I MODIFIED TO 110 MPH WINDS & FIC TAB 105, USING 4 NAIL/SHINGLE.

REVISIONS
 November 20, 2025



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

A RESIDENCE REMODEL/ADDITION FOR
 Gregory & Barbara Lussier
 PROJECT ADDRESS: 278 SW 87TH STREET, LAKE CITY, FLORIDA 32824



JOB NUMBER
 20251105

SHEET NUMBER
 S.3
 OF 4 SHEETS

