SCRUGGS ROOF REPAIR PROJECT

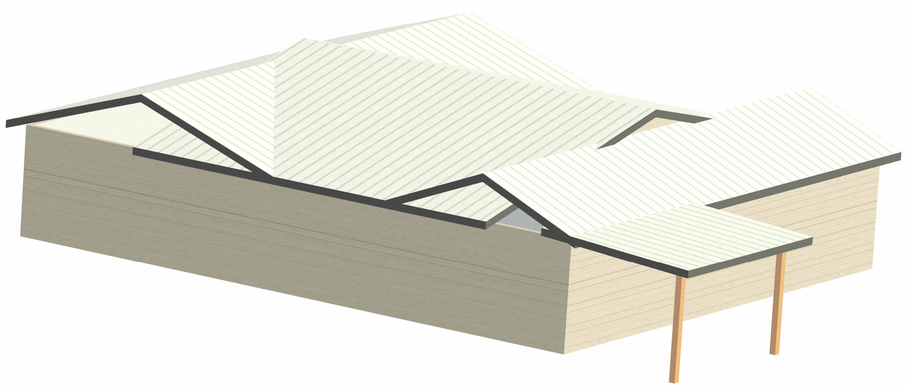
FOR: WORTHMANN ROOFING AND GUTTERS

508 SW MEMORIAL DRIVE
FORT WHITE, FLORIDA 32038

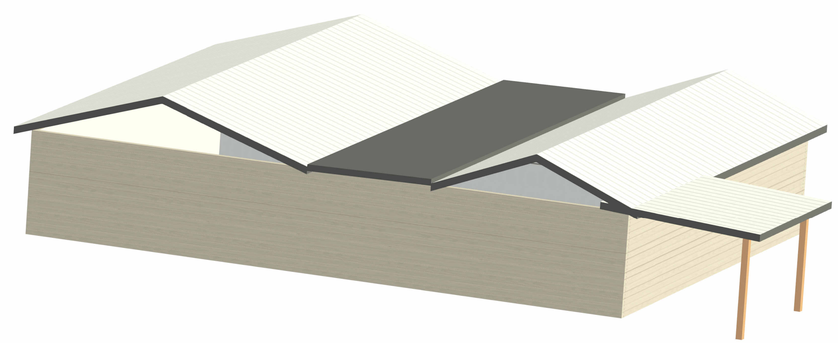
Columbia County Building Department
Plans Reviewed for Code Compliance
State of Florida

GENERAL NOTES:

- THIS IS AN EXISTING STRUCTURE WITH A FLAT ROOF VALLEY THAT THE HOMEOWNER WANTS TO REPLACE WITH A NEW PEAKED ROOF.
- THE PROJECT IS LIMITED TO THE STRUCTURAL ROOF REPAIR, WITH NEW TRUSSES/ROOF JOISTS AND ONLY MINOR MODIFICATIONS TO THE EXISTING TRUSSES.
- THIS PROJECT DOES NOT INCLUDE THE ADDITION OF NEW SQUARE FOOTAGE.
- THE APPLICABLE BUILDING CODE FOR THIS EXISTING STRUCTURE IS THE 2023 FLORIDA RESIDENTIAL BUILDING CODE 8TH EDITION.
- THE WIND LOAD CALCULATIONS ARE BASED ON ASCE 7-22.



2 Back Proposed Perspective 3D



1 Back Existing Perspective 3D

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No. 69041
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PROFESSIONAL ENGINEER

Sean S. Holway
FL. P.E. Reg. 69041

Sean S Holway
Digitally signed by Sean S Holway
Date: 2025.12.30 17:00:50 -05'00'

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No.	Description	Date

Scruggs Roof Repair

508 SW Memorial Drive
Fort White, FLORIDA 32038

COVER

Project number	2025-11 Scruggs
Date	11/07/2025
Drawn by	SSH
Checked by	DLH

01-C001

Scale

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GENERAL REQUIREMENTS, NOTES, AND OUTLINE SPECIFICATIONS

SECTION 0100 - GENERAL

1 ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE FLORIDA BUILDING CODE, NFPA 101 LIFE SAFETY CODE, LATEST APPLICABLE EDITION, THE STANDARD PLUMBING CODE, THE NATIONAL ELECTRICAL CODE, THE FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION, AND ALL APPLICABLE LOCAL CODES, ORDINANCES AND REGULATIONS HAVING JURISDICTION.

2 THE DRAWINGS CONSIST OF GENERAL ARCHITECTURAL AND ENGINEERING DRAWINGS, ALL BEARING THE SAME TITLE AS THIS SPECIFICATION. THE DRAWINGS AND SPECIFICATIONS ARE TO BE CONSIDERED AS COMPLEMENTARY TO ONE ANOTHER AND ANYTHING SHOWN OR CALLED FOR IN ONE SHALL BE CONSIDERED THE SAME AS IF SHOWN OR CALLED FOR IN BOTH. SHOULD THE DRAWINGS AND SPECIFICATIONS CONFLICT ON ANY POINT, THE WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS INSOFAR AS QUALITY OF MATERIALS AND WORKMANSHIP IS CONCERNED, BUT THE DRAWINGS SHALL GOVERN INSOFAR AS FORM OF THE WORK IS CONCERNED. SHOULD THE DETAILS AND SCHEDULES SHOWN ON THE DRAWINGS CONFLICT ON ANY POINT, THE SCHEDULES SHALL PREVAIL. LARGER SCALE SECTIONS AND DETAILS SHALL PREVAIL OVER SMALL SCALE SECTIONS, PLANS AND ELEVATIONS. DIMENSIONS NOTED ON THE DRAWING SHALL TAKE PRECEDENCE IN ALL CASES OVER SCALED DRAWINGS.

3 IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CAREFULLY EXAMINE THE SITE OF THE PROJECT AND THE CONTRACT DOCUMENTS AND COMPARE CONDITIONS CALLED FOR IN THE CONTRACT DOCUMENTS WITH THOSE CONDITIONS OF THE ACTUAL SITE. THE CONTRACTOR SHALL CHECK AND VERIFY DIMENSIONS AND DETAILS PRIOR TO COMMENCING CONSTRUCTION AND FAMILIARIZE HIMSELF WITH THE CONTRACT DOCUMENTS AND REFERENCED QUALITY STANDARDS. HE SHALL NOTIFY THE ARCHITECT IN WRITING PRIOR TO COMMENCING WORK ON ANY NOTED DISCREPANCIES OR CONTRADICTIONS. FAILURE ON THE PART OF THE CONTRACTOR TO SO INFORM HIMSELF, OR TO SO NOTIFY THE ARCHITECT SHALL NOT RELIEVE HIM OF THE RESPONSIBILITY OF COMPLETING THE WORK IN FULL ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND REFERENCED QUALITY STANDARDS. COMMENCEMENT OF WORK ON THE PART OF THE CONTRACTOR SHALL IMPLY THAT ALL WORK MAY BE COMPLETED IN ACCORDANCE WITH REFERENCED CODES AND STANDARDS AND SHALL PLACE THE RESPONSIBILITY OF CONFORMANCE WITH THE CONTRACTOR.

4 IN THE ABSENCE OF SPECIFIC DETAILS OR REFERENCED QUALITY STANDARDS ALL MANUFACTURED PRODUCTS SPECIFIED HEREIN SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE SELECTED MANUFACTURER'S INSTALLATION RECOMMENDATIONS, AND THOSE RECOMMENDATIONS SHALL SERVE AS THE BASIS FOR ACCEPTANCE OR REJECTION OF THE WORK.

5 THE CONTRACTOR SHALL PROVIDE AND PAY FOR ALL WORKMAN'S COMPENSATION, GENERAL LIABILITY, COMPREHENSIVE AUTOMOBILE LIABILITY, PUBLIC LIABILITY, PROPERTY DAMAGE AND BUILDER'S RISK HAZARD INSURANCE AS MAY BE NECESSARY TO PROTECT THE OWNER AND SAVE HIM HARMLESS AGAINST ANY CLAIMS ARISING FROM WORK PERFORMED UNDER THIS CONTRACT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND FEES PERTINENT TO AND NECESSARY FOR THE COMPLETE CONSTRUCTION OF THE PROJECT.

6 ALL WORK INCLUDED WITHIN THIS CONTRACT SHALL BE GUARANTEED IN WRITING TO THE OWNER FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE OF THE PROJECT BY THE OWNER.

1 DIVISION 01 - GENERAL NOTES
1/4" = 1'-0"

EXISTING CONDITIONS/ SITE WORK

SECTION 02 - EXISTING CONDITIONS
SECTION 31 - EARTHWORK
SECTION 32 - EXTERIOR IMPROVEMENTS

NOTE: ALL SITE PLANNING AND ENGINEERING, SITE LAYOUT, GRADING AND DRAINAGE, PAVING AND ROADWAY DESIGN SHALL BE BY OTHERS, INCLUDING THE ESTABLISHMENT OF FINISH FLOOR ELEVATIONS. DRAWINGS AS PREPARED BY SEAN HOLWAY, CIVIL ENGINEER.

1 THE CONTRACTOR SHALL VERIFY THE LOCATION OF AND MAINTAIN ALL EXISTING SURVEY MONUMENTS, MARKERS AND OTHER REFERENCE POINTS DURING CONSTRUCTION. VERIFY ALL ELEVATIONS, DIMENSIONS AND CONTROL POINTS BEFORE COMMENCING ACTUAL CONSTRUCTION.

2 THE CONTRACTOR SHALL USE ALL MEANS NECESSARY TO PROTECT EXISTING OR NEW WORK DURING OPERATIONS, AND ALL TREES WITHIN THE AREA DESIGNATED TO REMAIN SHALL BE ADEQUATELY PROTECTED BY TEMPORARY BARRIERS TO PREVENT DAMAGE.

3 FOUNDATION EXCAVATIONS SHALL CONFORM TO THE DIMENSIONS AND ELEVATIONS INDICATED ON THE DRAWINGS TO ALLOW FOR CONCRETE TO BE DEPOSITED DIRECTLY AGAINST EXCAVATED SURFACES. PROVIDE FOR SURFACE DRAINAGE DURING THE PERIOD OF CONSTRUCTION. KEEP ALL EXCAVATION FREE FROM WATER. ANY SETTLEMENT OR WASHING THAT OCCURS SHALL BE REPAIRED AND GRADE REESTABLISHED TO THE REQUIRED ELEVATION.

4 PROVIDE CHEMICAL APPLICATION SOIL POISONING TO ALL SOIL AND EARTH-TYPE MATERIAL WHICH WILL BE COVERED BY OR LIE IMMEDIATELY ADJACENT TO THE NEW CONSTRUCTION PORTION OF THIS PROJECT USING TOXIC CHEMICALS APPROVED BY THE U.S. DEPARTMENT OF AGRICULTURE AND THE FLORIDA STATE BOARD OF HEALTH. TREATMENT SHALL NOT BE MADE WHEN THE SOIL OR FILL IS EXCESSIVELY WET. UNLESS THE TREATMENT AREAS ARE TO BE IMMEDIATELY COVERED, PRECAUTIONS SHALL BE TAKEN TO PREVENT DISTURBANCES OF THE TREATMENT BY HUMAN OR ANIMAL CONTACT. PROVIDE THE OWNER WITH A WRITTEN GUARANTEE IN THE FORM OF A ONE YEAR WARRANTY WITH THE OPTION TO RENEW YEARLY FOR AT LEAST FOUR ADDITIONAL YEARS. ANY EVIDENCE OF REINFESTATION WITHIN THE GUARANTEE PERIOD WILL REQUIRE RETREATMENT AT NO COST TO THE OWNER.

5 SITE PREPARATION SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

GENERAL
FOUNDATION DESIGN IS BASED UPON A MINIMUM SOIL BEARING CAPACITY OF 2,000 PSF, AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT THESE CONDITIONS ARE MET PRIOR TO THE PLACING OF ANY CONCRETE IN STRICT ACCORDANCE WITH THE PROCEDURES AS OUTLINED HEREIN.

CLEARING
THE SUBGRADE UNDER THE PROPOSED BUILDING AREA AND PAVING SHALL BE STRIPPED OF ALL ORGANIC MATERIAL, ROOTS AND OTHER DELETERIOUS MATERIALS. TREES SHALL BE REMOVED ONLY AS DESIGNATED BY THE OWNER OR ARCHITECT. REMOVE ALL STUMPS AND ROOTS WITHIN THE LIMITS OF CONSTRUCTION TO A DEPTH OF 18 INCHES BELOW THE FOOTINGS. DEPRESSIONS MADE BY GRUBBING SHALL BE FILLED WITH CLEAN FILL MATERIAL AND COMPACTED LEVEL. REMOVE FROM THE CONSTRUCTION SITE ALL MATERIALS NOT SUITABLE FOR GRADING MATERIALS.

SUBGRADE COMPACTION
AFTER THE SITE HAS BEEN STRIPPED, THE AREA UNDER THE PROPOSED BUILDING AND PAVING SHALL BE SATURATED AND COMPACTED TO A DENSITY OF NOT LESS THAN NINETY-FIVE PERCENT (95%), ASTM D-15557.

CUTTING AND FILLING
CUTTING AND FILLING SHALL BE ACCOMPLISHED SO AS TO PROVIDE A REASONABLY LEVEL AREA FOR THIS CONSTRUCTION AS INDICATED ON THE DRAWINGS. ALL FILL WITHIN THE BUILDING PROPER SHALL BE THOROUGHLY COMPACTED PRIOR TO POURING SLABS OR FOOTINGS. ALL FILL MATERIAL SHALL BE CLEAN, PREDOMINATELY GRANULAR SOIL, FREE FROM ANY ORGANIC MATERIAL, AND SUBJECT TO THE APPROVAL OF THE TESTING AGENC. FILL MATERIAL SHALL BE PLACED IN TWELVE (12) INCH LIFTS, MAXIMUM, AND SHALL BE LOOSE MEASURE, SATURATED AND COMPACTED TO A DENSITY OF NINETY-FIVE PERCENT (95%), ASTM D-1557 LATEST REVISION.

EXCAVATION
EXCAVATION FOR ALL FOOTINGS SHALL BE CARRIED TO THE ELEVATIONS AS NOTED ON THE DRAWINGS. WHERE SOIL IS NOT STABLE, EXCAVATION SHALL BE MADE TO ALLOW FOR THE PLACEMENT AND REMOVAL OF FORMS FOR THE FOOTINGS.

BUILDING AREA COMPACTION
ALL EXPOSED SUBGRADE OR FILL UNDER THE PROPOSED BUILDING SHALL BE SATURATED AND COMPACTED TO A DENSITY OF NINETY-FIVE PERCENT (95%), ASTM D-1557, LATEST REVISION. BOTTOM OF FOOTING EXCAVATIONS SHALL BE COMPACTED WITH A HAND OPERATED COMPACTOR TO A DENSITY OF NINETY-FIVE PERCENT.

TESTING
TESTS OF COMPACTED SUBGRADE MATERIALS, COMPACTED FILL MATERIAL, AND BOTTOM OF FOOTING EXCAVATIONS SHALL BE PERFORMED BY AN INDEPENDENT COMMERCIAL TESTING LABORATORY UTILIZING THE MODIFIED STANDARD PROCTOR DENSITY TESTING PROCEDURES. SOIL SAMPLES SUITABLE FOR PROCTOR AND LABORATORY TESTS SHALL BE SECURED BY THE TESTING LABORATORY. ALL IN-PLACE DENSITY TESTS SHALL BE IN LOCATIONS AND QUANTITIES AS RECOMMENDED BY THE TESTING LABORATORY TO ENSURE VERIFICATION OF THE CONDITION AS STATED FOR THE MINIMUM ALLOWABLE SOIL BEARING CAPACITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS ASSOCIATED WITH SUCH TESTS. THE COSTS OF ANY ADDITIONAL TESTING RESULTING FROM THE FAILURE OF SPECIFIED TESTS TO MEET THE MINIMUM STANDARDS SHALL ALSO BE BORNE BY THE CONTRACTOR.

2 DIVISION 02 - SITE WORK
1/4" = 1'-0"

CARPENTRY AND MILLWORK

SECTION 06 - WOOD, PLASTICS, AND COMPOSITES

1 ALL CARPENTRY MATERIALS SHALL BEAR THE GRADE MARK OF THE ASSOCIATION OR INSPECTION BUREAU UNDER WHICH THE ARE PRODUCED. ALL ROUGH CARPENTRY WORKMANSHIP SHALL BE IN STRICT ACCORDANCE WITH THE STANDARD BUILDING CODE. FINISH CARPENTRY SHALL BE IN ACCORDANCE WITH RECOMMENDATIONS OF THE ARCHITECTURAL WOODWORK INSTITUTE.

2 ALL BLOCKING AND MISCELLANEOUS CARPENTRY MATERIALS , INCLUDING FASTENERS, SHALL BE AS REQUIRED OR SELECTED BY THE CONTRACTOR FOR THE SPECIFIC USE, AND SHALL BE SUBJECT TO THE ARCHITECT'S APPROVAL.

3 ALL CABINETS AND COUNERS, AS INDICATED ON THE DRAWINGS, SHALL BE FABRICATED IN STYLE AND WITH MATERIALS AS SELECTED BY THE OWNER. CAREFULLY COORDINATE STYLE, FINISH, HARDWARE AND DETAILS WITH THE OWNER. ALL FABRICATION SHALL BE SUBJECT TO THE APPROVAL OF THE ARCHITECT.

3 DIVISION 06 - CARPENTRY
1/4" = 1'-0"

THERMAL AND MOISTURE PROTECTION

SECTION 07 - THERMAL AND MOISTURE PROTECTION

1 DELIVER ALL THERMAL AND MOISTURE PROTECTION PRODUCTS TO THE SITE IN ORIGINAL UNOPENED CONTAINERS CLEARLY IDENTIFYING EACH PRODUCT SPECIFIED AND WITH MANUFACTURER'S INSTALLATION RECOMMENDATIONS INTACT. STORE ALL MATERIAL ON THE SITE IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS TO ENSURE FITNESS OF MATERIAL FOR DESIGN PERFORMANCE WHEN INSTALLED.

2 ALL THERMAL AND MOISTURE PROTECTION PRODUCTS SHALL BE INSTALLED ONLY WHEN TEMPERATURE AND MOISTURE CONDITIONS AS RECOMMENDED BY THE MANUFACTURER FOR PROPER INSTALLATION ARE COMPLIED WITH.

3 INSTALL 6 MIL THICK POLYETHYLENE MEMBRANE VAPOR BARRIER UNDER ALL CONCRETE FLOOR SLABS AS INDICATED ON THE DRAWINGS EQUAL TO VISQUEEN, AS MANUFACTURED BY UNION CARBIDE COMPANY.

4 ALL EXTERIOR HORIZONTAL JOINTS SHALL BE SEALED WITH MATERIAL MEETING THE REQUIREMENTS OF TT-S-227E, TYPE I, CLASS A. ALL EXTERIOR INCLINED OR VERTICAL JOINTS SHALL BE SEALED WITH MATERIAL MEETING THE REQUIREMENTS OF TT-S-227E, TYPE II, CLASS A. ALL INTERIOR JOINTS SHALL BE SEALED WITH MATERIAL MEETING THE REQUIREMENTS OF TT-S-227E, TYPE I, CLASS A; OR TT-S-230C, TYPE II; TT-S-1657, TYPE I; TT-C-598 C TYPE 1; ASTM C-834-76, AS RECOMMENDED BY THE MANUFACTURE FOR THE SPECIFIC INSTALLATION. ALL PRIMER MATERIAL SHALL BE IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS FOR THE SPECIFIC PRODUCT UTILIZED. ALL BACKER ROD SHALL BE A CLOSED-CELL POLYETHYLENE AS MANUFACTURED BY DOW CHEMICAL COMPANY, OR EQUAL. ALL SURFACES SHALL BE PREPARED, AND ALL SEALANTS SHALL BE MIXED AND INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS TO ENSURE INSTALLED WIDTH TO DEPTH RATIO WITH MAXIMUM ADHESION CONTACT.

5 ALL BATT INSULATION SHALL BE PROVIDED AS INDICATED ON THE DRAWINGS, EQUAL TO OWENS-CORNING FIBERGLASS KRAFT FACED FIBERGLASS BUILDING INSULATION, CONFORMING TO THE REQUIREMENTS OF FEDERAL SPECIFICATION HH-I-521E, TYPE 11, INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

4 DIVISION 07 - THERMAL AND MOISTURE PROTECTION
1/4" = 1'-0"

FINISHES

SECTION 09 - FINISHES

1 ALL WORK IN THIS DIVISION SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND WITH THE PROCEDURES ENDORSED BY THE TRADE ASSOCIATION GOVERNING THE WORK. THE MANUFACTURER'S RECOMMENDED METHODS OF INSTALLATION SHALL BE THE BASIS FOR ACCEPTANCE OR REJECTION OF ACTUAL INSTALLATION METHODS USED ON THIS WORK. ALL WORK SHALL BE DONE BY FIRST CLASS EXPERIENCED MECHANICS THOROUGHLY FAMILIAR WITH PRODUCTS AND MANUFACTURER'S INSTALLATION PROCEDURES.

2 ALL SPECIFIC FINISH MATERIALS SHALL BE AS SELECTED BY THE OWNER CAREFULLY COORDINATE THE SELECTION OF ALL MATERIALS, TEXTURES, COLORS AND PATTERNS WITH THE OWNER. REFER TO FINISH SCHEDULE.

3 ALL FINISHES SHALL BE LEFT FREE FROM ALL DIRT, STAINS, OR OTHER BLEMISHES AND PROPERLY CLEANED WITH PRODUCTS AS RECOMMENDED BY THE INDIVIDUAL MANUFACTURERS. AFTER FINAL CLEANING, ALL FLOORINGMATERIALS SHALL BE MACHINE POLISHED WHERE APPLICABLE. UPON COMPLETION OF WORK PROMPTLY INSPECT ALL ADJACENT SURFACES AND REMOVE ALL TRACES OF SPILLED OR SPLASHED MATERIAL. REMOVE ALL DEBRIS AND CONTAINERS FROM THE SITE AND LEAVE AREA IN A NEAT AND ORDERLY CONDITION TO THE APPROVAL OF THE ARCHITECT.

5 DIVISION 09 - FINISHES
1/4" = 1'-0"

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No.	Description	Date

Scruggs Roof Repair

508 SW Memorial Drive
Fort White, FLORIDA 32038

SHEET INDEX AND GENERAL NOTES

Project number	2025-11 Scruggs
Date	11/07/2025
Drawn by	SSH
Checked by	DLH

02-G001

Scale	1/4" = 1'-0"

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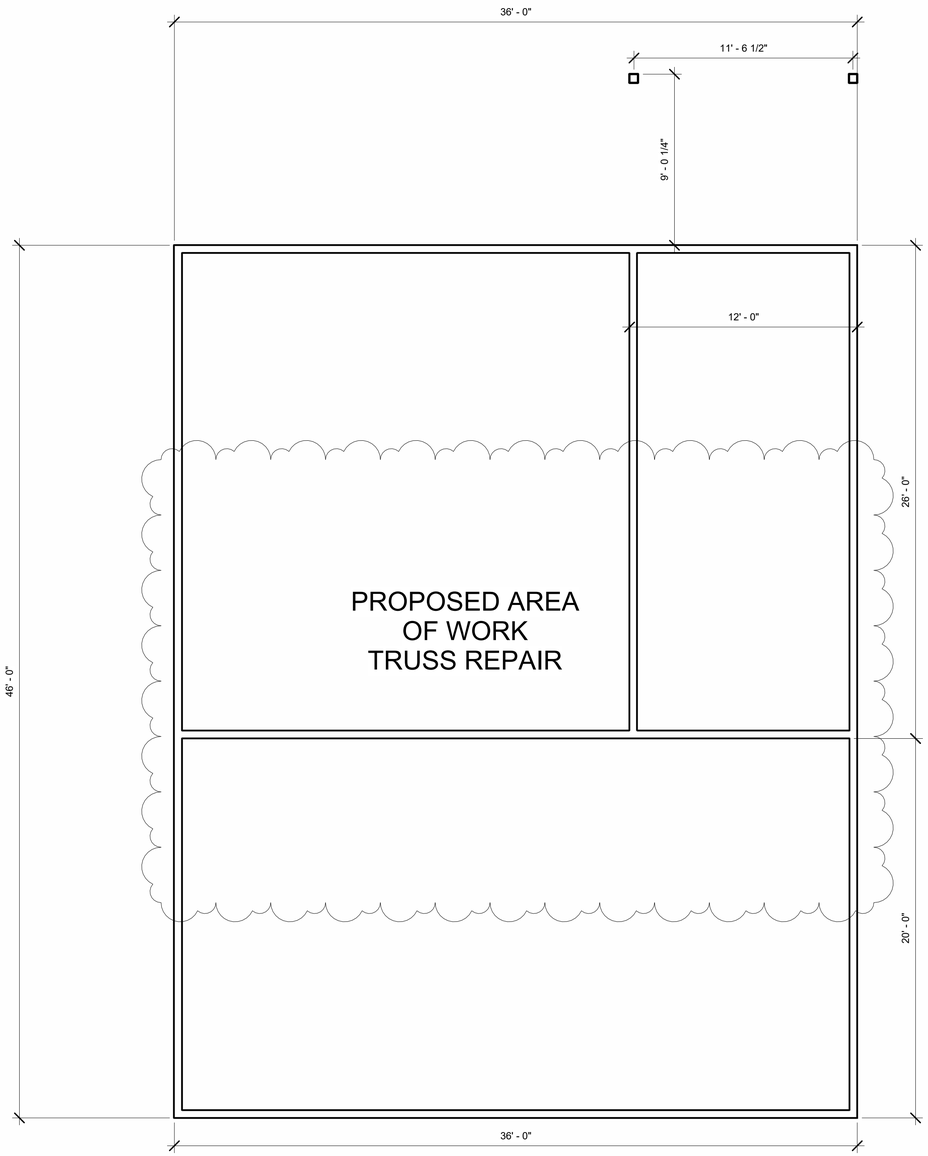

1 FLOOR PLAN EXISTING
1/4" = 1'-0"

EXISTING CONDITIONS PLAN NOTES:

1. ATTACHED PLAN, THIS SHEET, IS FOR REFERENCE ONLY, AND HAS NOT BEEN FIELD VERIFIED OTHER THAN THE PROPOSED AREA OF WORK AND MAY DIFFER FROM THE ATTACHED PLAN.
2. CONTRACTOR TO FIELD VERIFY DAMAGED AREA
3. ATTACHED PLAN IS TO SCALE AS NOTED, HOWEVER ACTUAL DIMENSIONS MAY VARY .

REPAIR PLAN NOTES:

1. THE AREA OF NEW WORK/TRUSS REPAIR WORK MUST BE FULLY SUPPORTED AND SHORED UP PRIOR TO PROCEEDING WITH ANY REPAIRS.
2. THE EXTERIOR NEW INFILL ROOF WALL AND GABLE ENDS MUST BE BRACED PRIOR TO COMPLETING TRUSS REPAIRS.
3. ANY DAMAGED FRAMING MATERIALS OR ANY TERMITE/DRY ROT DAMAGED MATERIALS MUST BE REPAIRED AND/OR REPLACED TO LIKE KIND AND QUALITY, IF NEEDED.
4. REPLACE ALL MISSING INSULATION, BAFFLES, AND SOFFIT MATERIALS TO MATCH EXISTING, IF NEEDED.
5. REPAIR ALL DAMAGED MECHANICAL, ELECTRICAL, PLUMBING ITEMS EFFECTED IN THE DAMAGED AREA, IF NEEDED.

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1	Roof Truss Repair	11/30/2024

Scruggs Roof Repair

508 SW Memorial Drive
Fort White, FLORIDA 32038

EXISTING FLOOR PLAN

Project number	2025-11 Scruggs
Date	11/07/2025
Drawn by	Author
Checked by	Checker

03-A100

Scale	1/4" = 1'-0"

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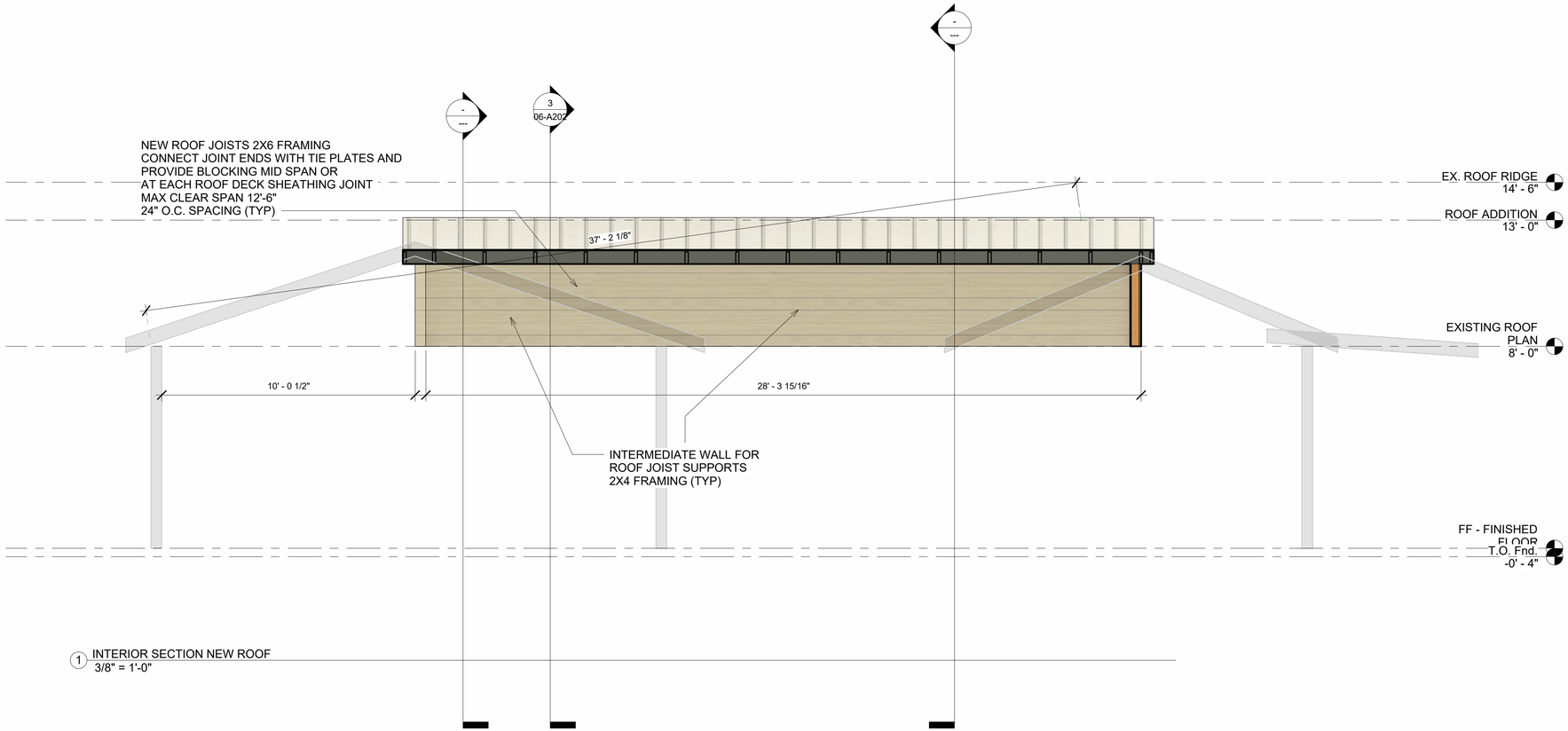
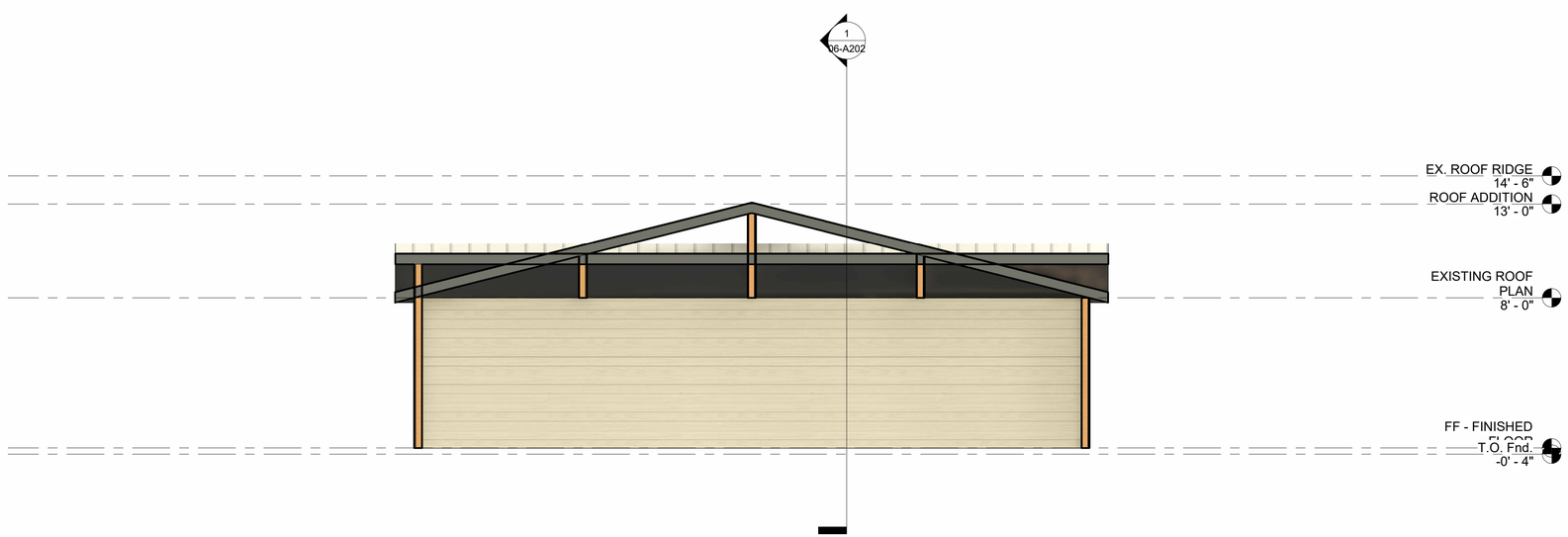


1 INTERIOR SECTION NEW ROOF
3/8" = 1'-0"



3 INTERIOR SECTION NORTH ALT.
1/4" = 1'-0"

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Scruggs Roof Repair

508 SW Memorial Drive
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INTERIOR ELEVATIONS
WITH NEW ROOF

Project number	2025-11 Scruggs
Date	11/07/2025
Drawn by	Author
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06-A202

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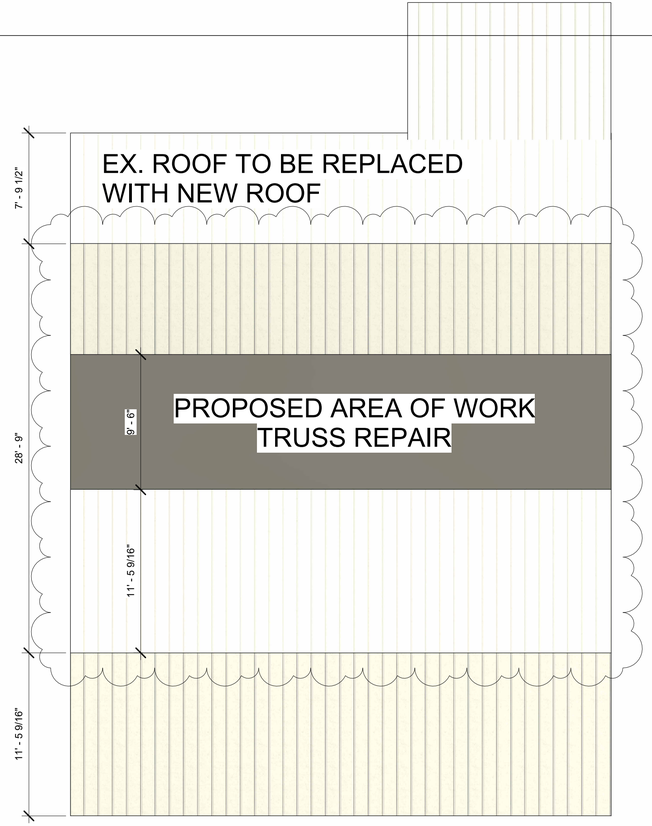
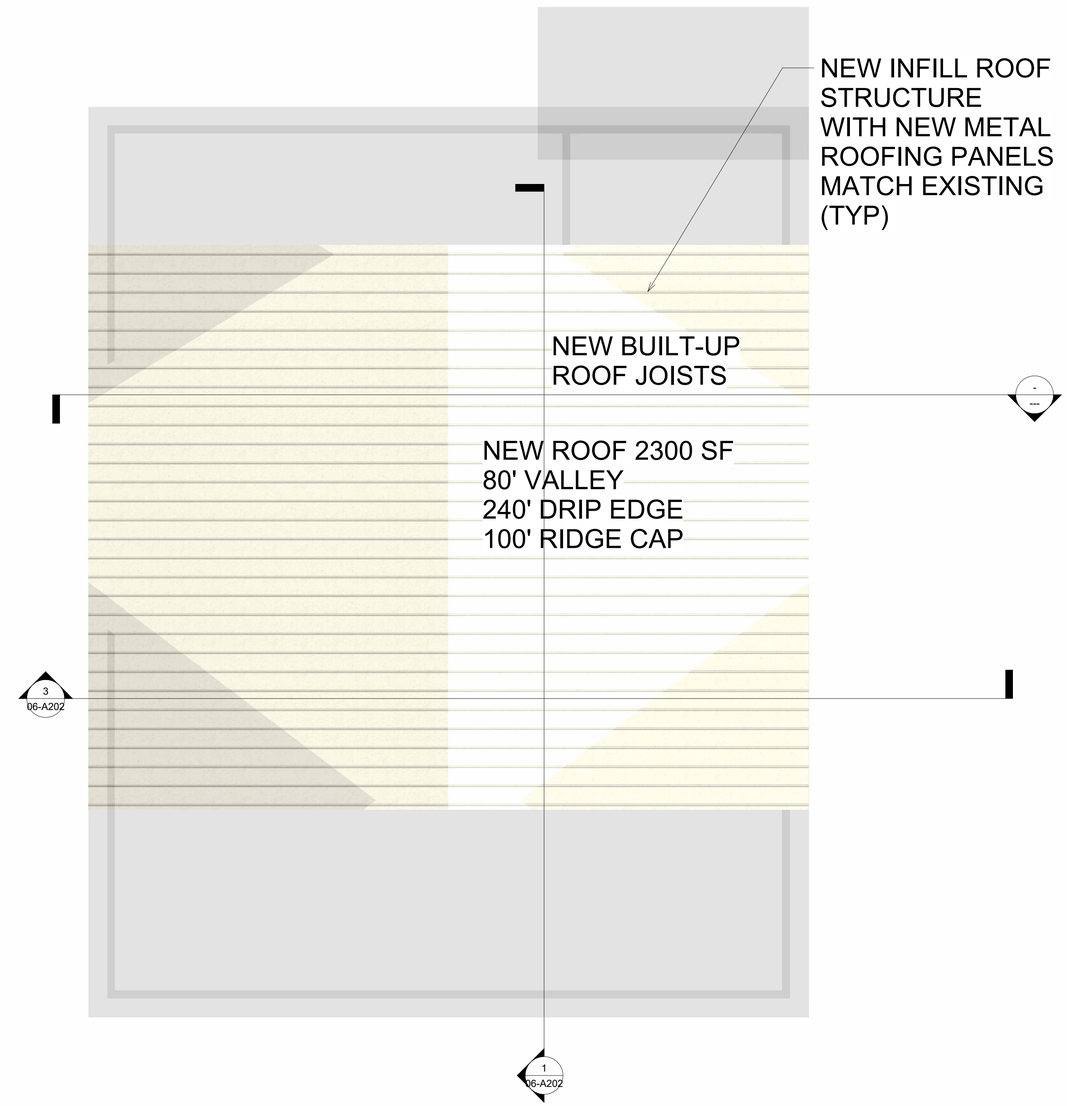


1 EXISTING ROOF PLAN
3/16" = 1'-0"



2 ROOF ADDITION
1/4" = 1'-0"

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1	Roof Truss Repair	11/30/2024

Scruggs Roof Repair

508 SW Memorial Drive
Fort White, FLORIDA 32038

EXISTING/PROPOSED
ROOF PLAN

Project number	2025-11 Scruggs
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Drawn by	Author
Checked by	Checker

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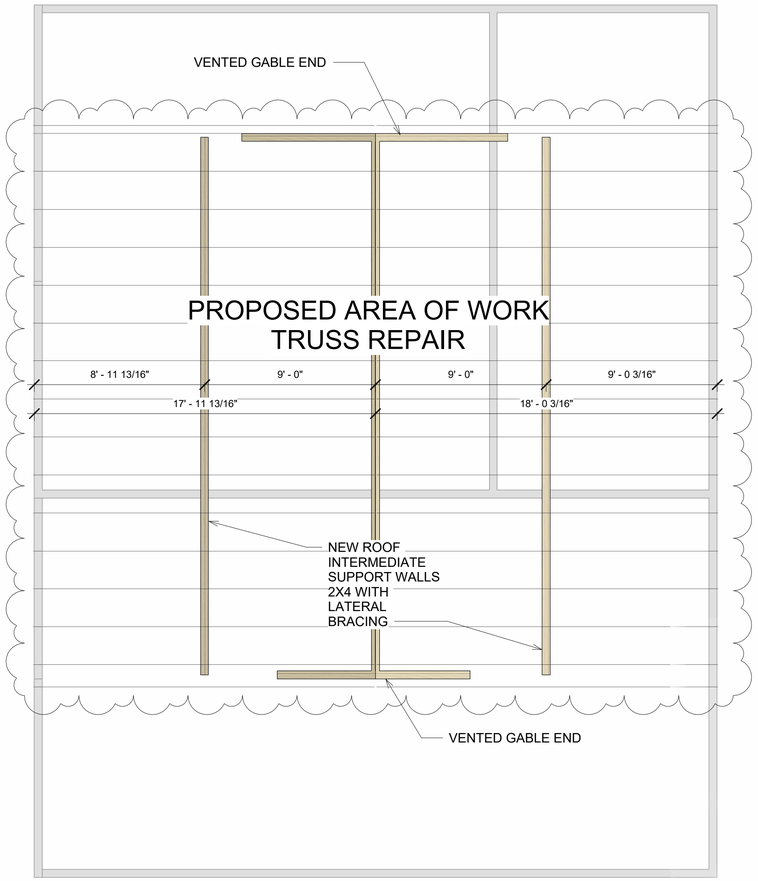
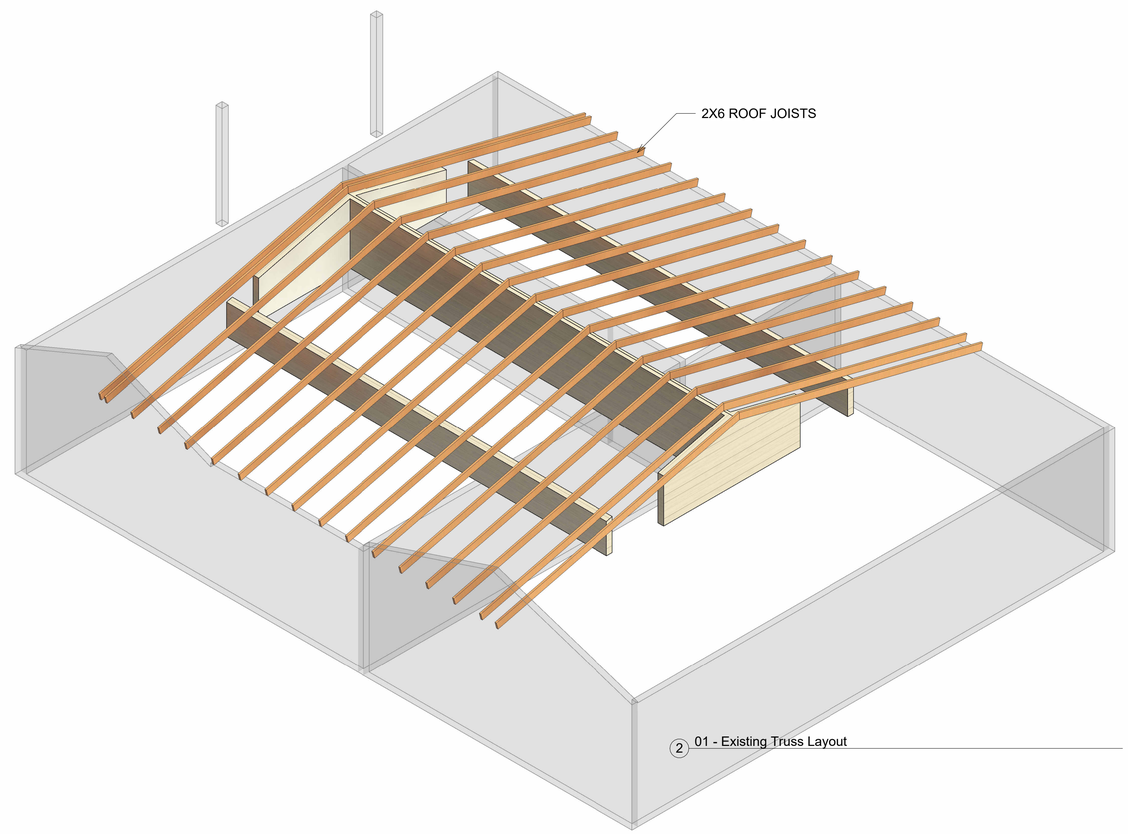


1 PROPOSED TRUSS REPAIR PLAN
1/4" = 1'-0"



2 01 - Existing Truss Layout

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SEAN STEPHEN HOLWAY
LICENSE
No. 69041
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Sean S. Holway
FL. P.E. Reg. 69041

Sean S Holway

Digitally signed by Sean S Holway
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No.	Description	Date
1	Roof Truss Repair	11/30/2024

Scruggs Roof Repair

508 SW Memorial Drive
Fort White, FLORIDA 32038

PROPOSED ROOF REPAIR PLAN

Project number	2025-11 Scruggs
Date	11/07/2025
Drawn by	Author
Checked by	Checker

09-A205

Scale	1/4" = 1'-0"

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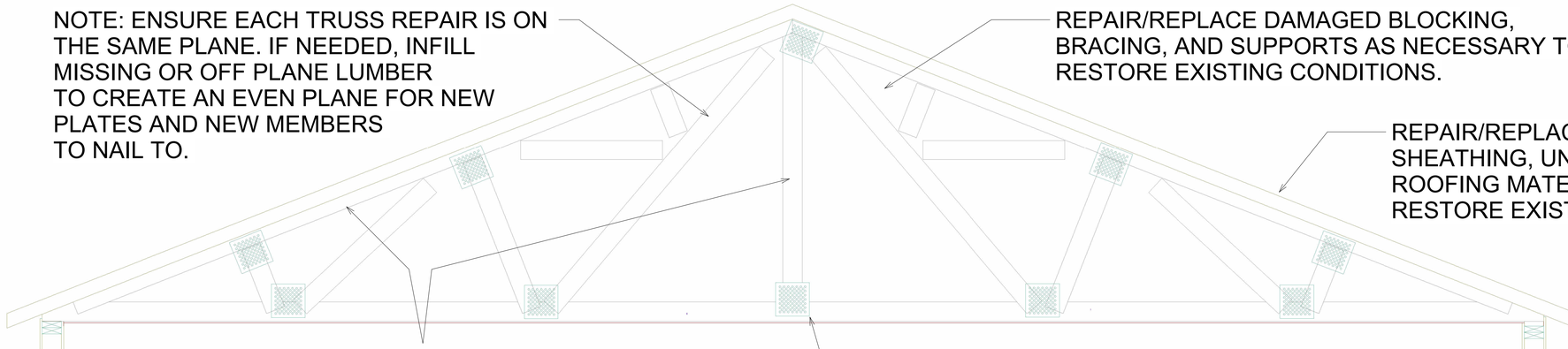


NOTE: ENSURE EACH TRUSS REPAIR IS ON THE SAME PLANE. IF NEEDED, INFILL MISSING OR OFF PLANE LUMBER TO CREATE AN EVEN PLANE FOR NEW PLATES AND NEW MEMBERS TO NAIL TO.

REPAIR/REPLACE DAMAGED BLOCKING, BRACING, AND SUPPORTS AS NECESSARY TO RESTORE EXISTING CONDITIONS.

REPAIR/REPLACE ALL DAMAGED ROOF SHEATHING, UNDERLAYMENT, AND ROOFING MATERIALS AS NECESSARY TO RESTORE EXISTING CONDITIONS.

REINFORCE/SISTER ALL DAMAGED TRUSS MEMBERS WITH LIKE KIND AND QUALITY LUMBER. LUMBER SHALL BE MINIMUM GRADE #2 SYP (SOUTHERN YELLOW PINE). ATTACH REINFORCING LUMBER WITH 3" X 0.131" RING SHANK GALVANIZED FRAMING NAILS OR 3" X 1/4" STRUCTURAL WOOD SCREWS. FASTENER SPACING SHALL BE STAGGERED AT 6" O.C. (TYP)

TRUSS TIE PLATES SHALL BE PLACED AT ALL AFFECTED JOINTS, BOTH SIDES OF TRUSS WHERE BOTH EXISTING PLATES ARE COMPROMISED. TIE PLATE SIZE SHALL BE ADEQUATE TO FASTEN A MIN. OF (5) NAILS OR SCREWS THROUGH THE PLATE INTO ALL INTERSECTING WOOD MEMBERS. (TYP) SEE SIMPSON TIE PLATE CATALOGUE SHEET REFERENCE, THIS SHEET, AND MANUFACTURERS INSTALLATION REQUIREMENTS. HOLES ARE SIZED FOR, AND SHALL BE, 0.131" X 1 1/2" NAILS OR #9 STRONG-DRIVE SD CONNECTOR SCREWS.

1 TRUSS REPAIR DETAIL
1/32" = 1'-0"

Simpson Strong-Tie® Wood Construction Connectors

TP/TPA

SIMPSON Strong-Tie

Tie Plates

TPs are nail-on tie plates. TPAs are flanged for added support.

Material: 20 gauge

Finish: Galvanized

Installation:

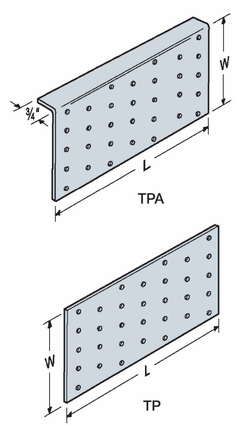
- Holes are sized for 0.131" x 2½" nails or 0.131" x 1½" nails

Codes: See p. 13 for Code Reference Key Chart

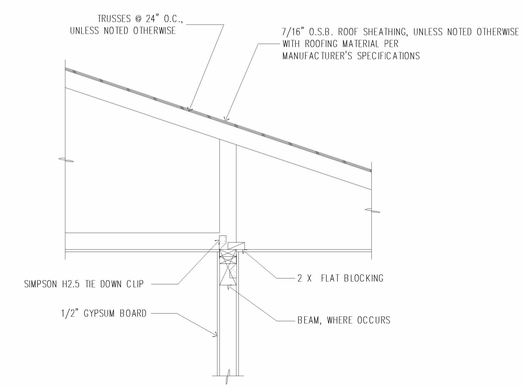
SD Many of these products are approved for installation with Strong-Drive® SD Connector screws. See pp. 362–366 for more information.

Model No.	Dimensions (in.)		Number of Nail Holes	Code Ref.
	W	L		
TP15	1 13/16	5	13	—
TPA37	3½	7	32	
TPA39	3½	9	41	
TP35	3⅛	5	23	
TP37	3⅛	7	32	
TP39	3⅛	9	41	
TP312	3⅛	12	54	
TP316	3⅛	16	72	
TP45	4⅛	5	30	
TP47	4⅛	7	42	
TP49	4⅛	9	54	
TP411	4⅛	11	66	
TP57	5¾	7	60	
TPA57	5	7	49	

1. Connectors are not load rated.



2 TIE PLATE REFERENCE
3/32" = 1'-0"



FRAMING TO TRUSS
3/4" = 1'-0"

3 Framing to Truss Connection
1/16" = 1'-0"

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No.	Description	Date

Scruggs Roof Repair

508 SW Memorial Drive
Fort White, FLORIDA 32038

STANDARD TRUSS REPAIR DETAILS

Project number	2025-11 Scruggs
Date	11/07/2025
Drawn by	Author
Checked by	Checker

11-S101

Scale	As indicated

12/30/2025 4:57:06 PM

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