

TERMITE SPECIFICATIONS:

- A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR RE-INSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL. (FBC 104.2.6)
- CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALKS. (FBC 1503.4.4)
- IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" OF THE BUILDING SIDE WALLS. (FBC 1503.4)
- TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERING AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6 INCHES.
EXCEPTION: PAINT OR DECORATIVE CEMENTATION FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. (FBC 1403.1.6)
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. (FBC 1816.1.1)
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED AND FORMED. (FBC 1816.1.2)
- BOXED AREAS IN CONCRETE FLOORS FOR SUBSEQUENT INSTALLATION OF TRUS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL TREATMENT. (FBC 1816.1.3)
- MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. (FBC 1816.1.4)
- CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. (FBC 1816.1.5)
- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRAE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. (FBC 1816.1.6)
- AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. (FBC 1816.1.8)
- ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT. (FBC 1816.1.7)
- 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 SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES." (FBC 1816.7)
- 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 STAKE, TUB TRAY BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. (FBC 2303.1.3)
- NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. (FBC 2303.1.4)

A.B.	Anchor Bolt	F.B.C.	Florida Bldg. Code	Opn'g	Opening
Abv.	Above	Fin. Flr.	Finished Floor	Opt.	Optional
A/C	Air-Conditioner	F.G.	Fixed Glass	Pc	Piece
Adj.	Adjustable	Flr.	Floor	Ped.	Pedestal
A.F.F.	Above Finished Floor	Fdn.	Foundation	P.L.	Parallam
A.H.U.	Air Handler Unit	Flr. Sys.	Floor System	PLF	Pounds per linear foot
ALT.	Alternate	F.Pi.	Fireplace	Plt. Ht.	Plate Height
B.C.	Base Cabinet	Fl.	Floor	Plt. Sh.	Plant Shelf
B.F.	Bifold Door	Fig.	Footing	PSF	Pounds per square foot
Bk Sh.	Book Shelf	FX	Fixed	P.T.	Pressure Tread
Bm.	Beam	Galv.	Galvanized	Pwd.	Powder Room
BOT.	Bottom	G.C.	General Contractor	Rad.	Radius
B.P.	Bypass door	G.F.I.	Ground Fault Interrupter	Ref.	Refrigerator
Brg.	Bearing	G.T.	Girder Truss	Req'd.	Required
Clr.	Circle	Hdr.	Header	Rm.	Room
Cig.	Ceiling	Hgt.	Height	Rnd.	Round
Col.	Column	HB	Hose Bibb	R/S/H	Rod and She
Comp.	A/C Compressor	Int.	Interior	SD	Smoke Detector
C.T.	Ceramic Tile	K/Wall	Kneewall	S.F.	Square Ft.
D.	Dryer	K.S.	Knee Space	Sh.	Shelves
Dec.	Decorative	Laun.	Laundry	SHT	Sheet
Ded.	Dedicated Outlet	Lav.	Lavatory	S.L.	Side Lights
Dbl.	Double	L.F.	Linear Ft.	S.P.F.	Spruce Pine F
Dia.	Diameter	L.T.	Laundry Tub	Sq.	Square
Disp.	Disposal	Mas.	Masonry	S.Y.P.	Southern Yellow Pine
Dist.	Distance	Max.	Maximum	Temp.	Tempered
D.S.	Drawer Stack	M.C.	Medicine Cabinet	Thickn.	Thicken
D.V.	Dryer Vent	MDP	Master Distribution Panel	Thickn.	Thicken
D.W.	Dishwasher	Migr.	Manufacturer	T.O.B.	Top of Block
Each	Each	Micro.	Microwave	T.O.M.	Top of Mason
E.W.	Each Way	Min.	Minimum	T.O.P.	Top of Plate
Elec.	Electrical	M.L.	Microfilm	Trans.	Transom Window
Elev.	Elevation	Mir.	Mirror	Typ.	Typical
Ext.	Exterior	Mon.	Monolithic	UCL	Under Cabinet Lighting
Exp.	Expansion	N.T.S.	Not to Scale	U.N.O.	Unless Noted Otherwise
				VB	Vertical Base
				Vert.	Vertical
				V.L.	Versalim
				VTR	Vent through roof
				W	Washer
				W	With
				W/C	Water Closet
				W.A.	Wedge Anchor
				Wd	Wood
				WP	Water Proof

FOUNDATIONS

SOIL TO BE COMPACTED TO AT LEAST 95% OF MAX. DRY DENSITY AS DETERMINED BY ASTM - 1557 (MODIFIED PROCTOR.)

FOUNDATION INSPECTIONS

A FOUNDATION SURVEY SHALL BE PERFORMED AND A COPY OF THE SURVEY SHALL BE ON SITE FOR THE BUILDING INSPECTORS USE. OR ALL PROPERTY MARKERS SHALL BE EXPOSED AND A STRING STRETCHED FROM MARKER TO MARKER TO VERIFY REQUIRED SETBACKS.

CAST IN PLACE CONCRETE

- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2500 PSI. A SLUMP OF 6" PLUS OR MINUS 1". AND HAVE 2 TO 5% AIR ENTRAINMENT. AND A MAXIMUM WATER/CEMENT RATIO OF 0.63
- ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A615 GRADE 40
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. WWF SHALL BE LAPPED AT LEAST 6" AND CONTAIN AT LEAST ONE CROSS WIRE WITHIN THE 6".
- HOOKS SHALL BE PROVIDED AT DISCONTINUOUS ENDS OF ALL TOP BARS OF BEAMS.
- HORIZONTAL FOOTING BARS SHALL BE BENT 1'-0" AROUND CORNERS OR CORNER BARS WITH A 2'-0" LAP PROVIDED
- MINIMUM LAP SPLICES ON ALL REINFORCING BAR SPLICES SHALL BE 40 BAR DIAMETERS TYP.
- CONCRETE COVER MIN. 3" WHEN EXPOSED TO EARTH OR 1 1/2" TO FORM

MASONRY WALL CONST.

- HOLLOW LOAD BEARING UNITS SHALL BE NORMAL WEIGHT, GRADE N, TYPE 2, CONFORMING TO ASTM C90, WITH A MINIMUM NET COMPRESSIVE STRENGTH OF 1900 PSI (1' m = 1350 PSI)
- MORTAR SHALL BE TYPE "M" OR "S", CONFORMING TO ASTM C270.
- COARSE GROUT SHALL CONFORM TO ASTM C476 WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI SLUMP 6" TO 11".
- VERTICAL REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS WITH THE CELLS FILLED WITH COARSE GROUT.
- VERTICAL REINFORCEMENT SHALL BE HELD IN POSITION AT THE TOP AND BOTTOM AND AT A MAXIMUM SPACING OF 192 BAR DIAMETERS. REINFORCEMENT SHALL BE PLACED IN THE CENTER OF THE MASONRY CELL TYPICAL UNLESS OTHERWISE NOTED.
- REINFORCING STEEL SHALL BE LAPPED A MINIMUM OF 40 BAR DIAMETERS, UNLESS OTHERWISE NOTED ON THE DRAWINGS
- GROUT STOPS SHALL BE PROVIDED BELOW BOND BEAM. PLASTIC SCREEN, METAL LATH STRIP OR CAVITY CAPS MAY BE USED TO PREVENT THE FLOW GROUT INTO CELLS BELOW. THE USE OF FELT PAPER AS A STOP IS PROHIBITED.

WOOD CONSTRUCTION

- WOOD CONSTRUCTION SHALL CONFORM TO THE NFPA "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", LATEST EDITION.
- ALL EXTERIOR WOOD STUD WALLS, BEARING WALLS, SHEAR WALLS AND MISC. STRUCTURAL WOOD FRAMING MEMBERS, (I.E. BLOCKING OR GABLE END BRACING) SHALL BE EITHER SOUTHERN PINE, OR S.P.F. NUMBER 2 GRADE SHALL BE USED REGARDLESS OF SPECIES.
- ANY WOOD FRAME INTERIOR BEARING WALL STUDS THAT HAVE HOLES IN THE CENTER OF THE STUD UP TO 1" DIA. SHALL HAVE STUD PROTECTION SHEET FOR ALL HOLES OVER 1" IN DIA. FOR PLUMBING LINES, ETC. SHALL BE REPAIRED WITH SIMPSON HSS2 STUD SHOES, TYP., U.N.O.

WOOD FRAMING INSPECTION

ALL PLUMBING, ELECTRICAL, AND MECHANICAL ROUGH-INS MUST BE COMPLETE, INSPECTED AND APPROVED BEFORE REQUESTING FRAMING INSPECTION.

STRUCTURAL NOTES:

PREFABRICATED WOOD TRUSSES

- ALL PREFABRICATED WOOD TRUSSES SHALL BE SECURELY FASTENED TO THEIR SUPPORTING WALLS OR BEAMS WITH HURRICANE CLIPS OR ANCHORS.
- PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENERS" AS RECOMMENDED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
- TRUSS MEMBERS AND CONNECTIONS SHALL BE PROPORTIONED (WITH A MAXIMUM ALLOWABLE STRESS INCREASE FOR LOAD DURATION OF 25%) TO WITHSTAND THE LIVE LOADS GIVEN IN THE NOTES AND TOTAL DEAD LOAD.
- BRIDGING FOR PRE-ENGINEERED TRUSSES SHALL BE AS REQUIRED BY THE TRUSS MANUFACTURER UNLESS NOTED ON THE PLANS.
- TRUSS ELEVATIONS AND SECTIONS ARE FOR GENERAL CONFIGURATION OF TRUSSES ONLY. WEB MEMBERS ARE NOT SHOWN, BUT SHALL BE DESIGNED BY THE TRUSS MANUFACTURER IN ACCORDANCE WITH THE FOLLOWING DESIGN LOADS:
- DESIGN SPECIFICATIONS FOR LIGHT WEIGHT METAL PLATE CONNECTED WOOD TRUSSES PER THE TRUSS PLATE INSTITUTE TPI LATEST EDITION.
- PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH THE SPECIFIED LOADS AND GOVERNING CODES. SUBMITTALS SHALL INCLUDE TRUSS FRAMING PLANS AND DETAILS SHOWING MEMBER SIZES, BRACING, ANCHORAGE, CONNECTIONS, TRUSS LOCATIONS, AND PERMANENT BRACING AND/OR BRIDGING AS REQUIRED FOR ERECTION AND FOR THE PERMANENT STRUCTURE. EACH SUBMITTAL SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED STRUCTURAL ENGINEER. SUBMIT 3 COPIES FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
- THE TRUSS MANUFACTURER SHALL DETERMINE ALL SPANS, WORKING POINTS, BEARING POINTS, AND SIMILAR CONDITIONS. TRUSS SHOP DRAWINGS SHALL SHOW ALL TRUSSES, ALL BRACING MEMBERS, AND ALL TRUSS TO TRUSS HANGERS.

UPLIFT CONNECTORS

- UPLIFT CONNECTORS SUCH AS HURRICANE CLIPS, TRUSS ANCHORS AND ANCHOR BOLTS ARE ONLY REQUIRED ON MEMBERS IN WALLS THAT ARE EXPOSED TO UPLIFT FORCES. INTERIOR LOAD BEARING WALLS ARE NOT ALWAYS EXPOSED TO UPLIFT FORCES. THE MEMBERS OF THESE WALLS WOULD NOT NEED TO HAVE CONNECTORS APPLIED. PLEASE CONSULT THE TRUSS ENGINEERING FOR THE LOCATION OF THESE WALLS.

FIELD REPAIR NOTES

- MISSED UNTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED W/ (3) "SIMPSON MTSMA16 TWIST STRAP W/ (4) 1/4" X 2 1/4" DIA. TITENS TO THE BOTTOM BEAM BLOCK AND (7) 10d TO THE TRUSS FOR UPLIFTS OF 1000 LBS. OR LESS. USE (2) FOR 2000 LBS. OR LESS. OTHERS MAY BE SUBSTITUTED ON A CASE BY CASE BASIS.
- MISSED "J" BOLTS FOR WOOD BEARING WALLS MAY BE SUBSTITUTED W/ 1/2" DIA. ANCHOR BOLTS SET IN 3/4" DIA. X 6" DEEP UNITEK "PROPOXY" 300 ADHESIVE BINDER FOLLOWING ALL MANUFACTURERS RECOMMENDATIONS (OR 1/2" X 6" RAWL STUD EXPANSION ANCHORS.)
- REGARDING MISSED REBAR IN VERTICAL FILLED CELLS: DRILL A 3/4" DIAMETER HOLE 6" DEEP AT THE LOCATION OF THE OMITTED REBAR, AND INSTALL A 32" LONG #5 BAR INTO THE EPOXY FILLED HOLE. USE A TWO PART EMBEDDMENT EPOXY (SIMPSON "EPOXY TIE SET" OR PHILTI "2 PART" EMBEDDMENT EPOXY, MIXED PER MANUFACTURER'S INSTRUCTIONS. ASSURE THAT ALL DUST AND DEBRIS FROM DRILLING ARE REMOVED FROM THE HOLE BY BRUSHING AND AND USING COMPRESSED AIR PRIOR TO APPLYING THE EPOXY. ALLOW THE EPOXY TO CURE TO MANUFACTURER'S SPECIFICATIONS. THEN FILL THE CELL IN THE NORMAL WAY DURING BOND BEAM POUR.
- HURRICANE STRAPS MAY BE SUBSTITUTED WITH A STRAP OF GREATER HOLDOWN VALUE OR GREATER UPLIFT VALUE IN THE FIELD WITHOUT VERIFICATION, PROVIDED UPLIFT VALUE IN THE INSTALLATION INSTRUCTIONS ARE FOLLOWED.
- FOR MORTAR JOINTS LESS THAN 1/4", PROVIDE (1) #5 VERT. IN CONC. FILLED CELL EACH SIDE OF THE JOINT (BAR DOES NOT HAVE TO BE CONT. TO FOOTING)

STRUCTURAL DESIGN CRITERIA

CODES:	FLORIDA BUILDING CODE, 2007 EDITION BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-05) SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS (ACI 301-05) BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-05) NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2001 EDITION APA PLYWOOD DESIGN SPECIFICATION	
LIVE LOADS:	ROOF RESIDENTIAL FLOOR, UNLESS OTHERWISE INDICATED BALCONIES STAIRS LIGHT PARTITIONS (DEAD LOAD), U.N.O.	20 PSF (REDUCIBLE) 40 PSF 40 PSF 40 PSF
WIND LOADS: (F.B.C.)	WIND LOADS BASED ON FBC, SECTION 1609 WIND VELOCITY: 110 M.P.H., USE FACTOR: 1.0	
CONCRETE STRENGTH @ 28 DAYS	ALL CONCRETE UNLESS OTHERWISE INDICATED PEA GRAVEL CONCRETE FOR MASONRY CELLS ONLY (DO NOT USE FOR CONCRETE COLUMNS OR TIE BEAMS)	2500 PSI 3000 PSI
REINFORCING:	WELDED WIRE FABRIC SHALL CONFORM TO ALL REINFORCING BARS ALL STIRRUPS AND TIES	ASTM A185 ASTM A615-40 40,000 PSI ASTM A615-40 40,000 PSI
CONCRETE MASONRY UNITS:	ASTM C90-98b, STANDARD WEIGHT UNITS, fm=1500 PSI MORTAR TYPE "S" 1800 PSI CONCRETE GROUT 3000 PSI CONTINUOUS MASONRY INSPECTION IS REQUIRED DURING CONSTRUCTION	
STRUCTURAL STEEL:	ALL STRUCTURAL AND MISCELLANEOUS STEEL A36 36,000 PSI, U.N.O. SHOP AND FIELD WELDS: E70XX ELECTRODES ALL BOLTS CAST IN CONCRETE: ASTM A36 OR ASTM A307	
WOOD FRAMING:	BEAMS, RAFTERS, JOIST, PLATES, ETC. U.N.O. NO. 2 SOUTHERN YELLOW PINE (19% M.C.) ROOF DECK: PLYWOOD C/C/D, EXTERIOR, OR OSB FLOOR SHEATHING: 1/2" A-C GROUP 1 APA RATED (48/24) WALL SHEATHING: PLYWOOD C/C/D, EXTERIOR OR OSB VERSALAM BEAM Fb = 2900 PSI (2.0E) WOOD COLS. PARALLAM 2.0E U.N.O.	
WOOD ROOF TRUSSES:	DESIGN LOADS: TOP CHORD LIVE AND DEAD LOAD: BOTTOM CHORD DEAD LOAD: TOTAL:	30 PSF 10 PSF 40 PSF
WOOD FLOOR TRUSSES:	DESIGN LOADS: DEAD LOAD: LIVE LOAD: TOTAL:	15 PSF 40 PSF 55 PSF
SOIL BEARING VALUE:	ASSUMED ALLOWABLE SOIL BEARING PRESSURE AFTER COMPACTION: 1,500 PSF SEE SOILS REPORT AND SPECIFICATIONS FOR COMPACTION REQUIREMENTS IF SOIL CONDITIONS IN THE PROJECT DO NOT MEET OR EXCEED THE CAPACITY THE GENERAL CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO FOUNDATION POUR FOR VERIFICATION OF FOUNDATION DESIGN.	

BUILDING DATA

CONSTRUCTION TYPE - TYPE VI UNPROTECTED (SECTION 608, FBC 2007)	WIND SPEED - 110 MPH WIND IMPORTANCE FACTOR - (Iw) = 1.0 WIND EXPOSURE - "B" (FBC 1609) INTERNAL PRESSURE COEFFICIENT = +/- 0.18 (ENCLOSED BLDG)
THIS DRAWING AND DESIGN IS VALID FOR 12 MONTHS AFTER THE DATE IT IS SIGNED AND SEALED.	DESIGN WIND PRESSURE: (COMPONENT AND CLADDING) WORST CASE - (10 SF - END ZONE) # END ZONE IS ONLY WITHIN 5'-0" OF ALL EXTERIOR BUILDING CORNERS WINDOWS AND DOORS 110 MPH + 25.9 PSF / 34.7 PSF (END) + 25.9 PSF / 28.1 PSF (INTERIOR) U.N.O. GARAGE DOORS (V = 110 MPH) SINGLE 9x7 +22.8 PSF / 25.8 PSF DOUBLE 16x7 +21.8 PSF / 24.3 PSF SEE FLOOR PLAN FOR ACTUAL PRESSURES

NOTICE:

It is important that the Client and Contractor examine the drawings and documentation in detail. It shall be the final responsibility of the Contractor to review and double check the plans for accuracy and compliance with regulatory agencies. It is customary and ordinary not to include details well within the knowledge of licensed Contractor. If necessary, further clarification of these plans should be achieved before signing the construction contract and obtaining a building permit, otherwise the Contractor assumes responsibility for the construction in question. Methods of construction shall be determined by the Contractor.

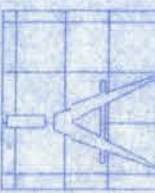
INDEX OF SHEETS

SHEET NUMBER	DESCRIPTION
S-1	GENERAL NOTES SHEET
S-2	DEMOLITION PLAN
S-3	PROPOSED PLAN
S-4	FRAMING DETAILS



PORCH REPLACEMENT FOR
TOWNSEND RESIDENCE

128 SW NASSAU STREET
LAKE CITY, FL 32025
(386) 758-4209



Freeman
Design Group Inc.

DRAWN BY:
W.H.F.

APPROVED
W.H.F.

REVISIONS

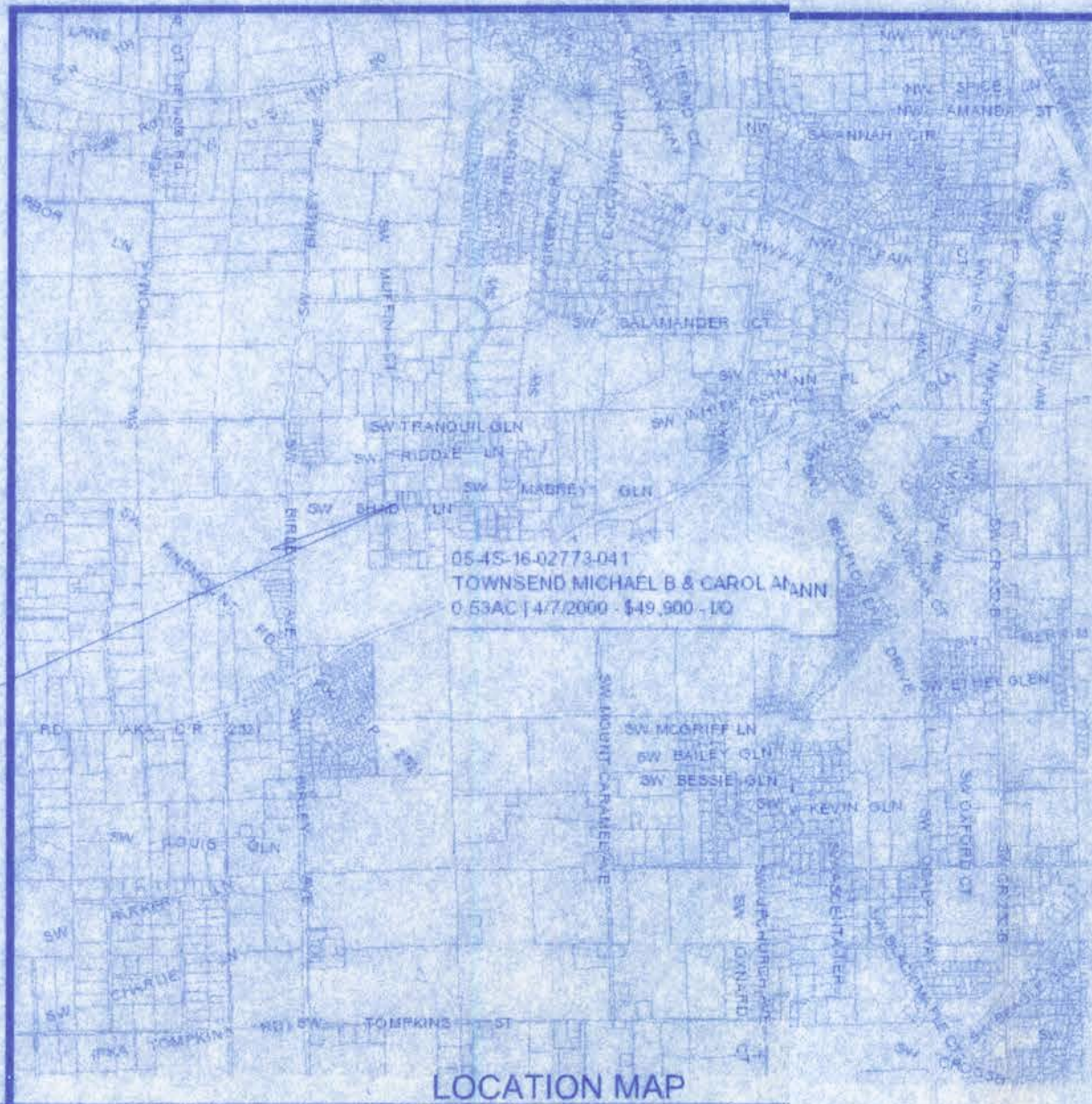
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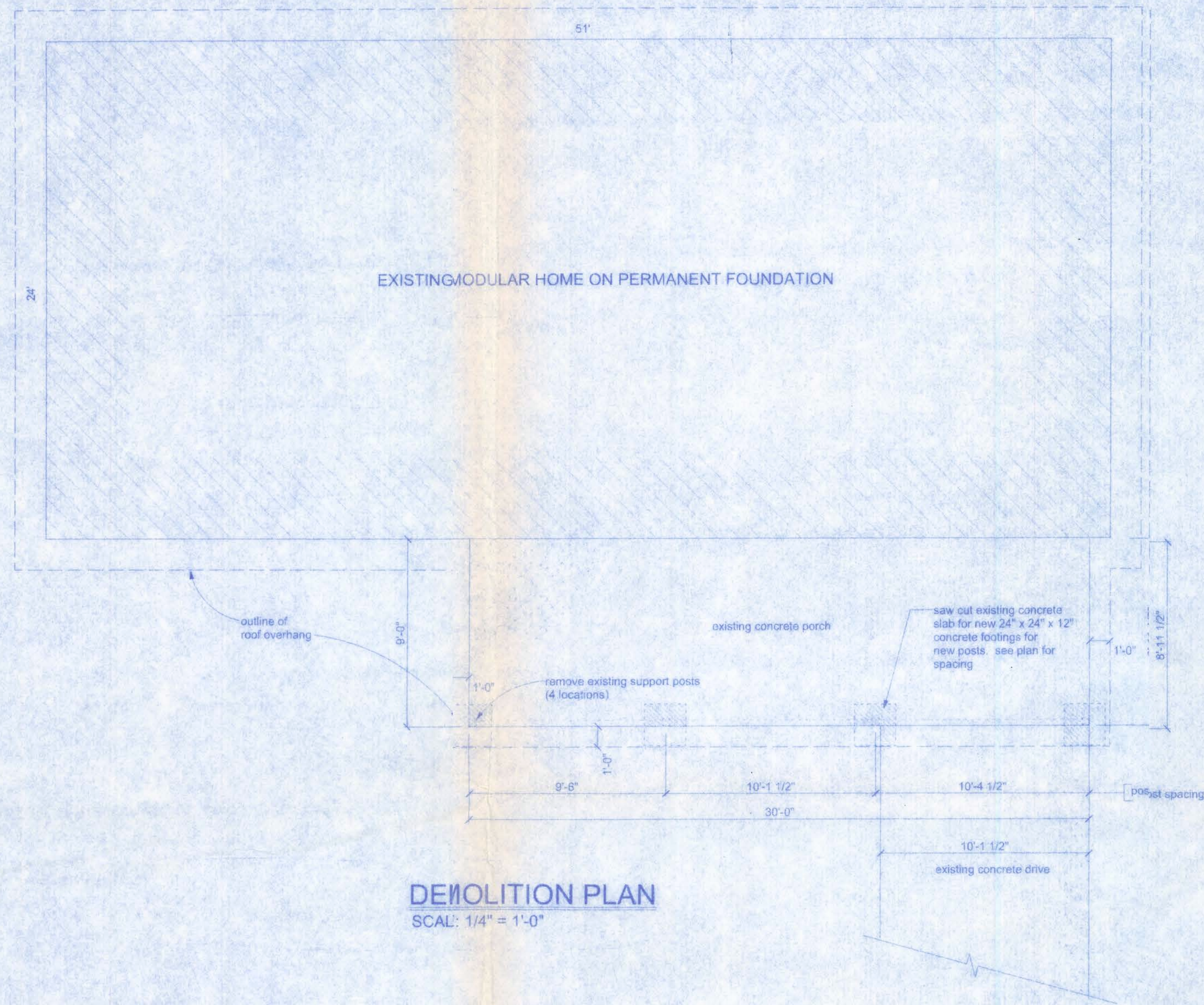
OF 4

PROJECT NO.
09.R014

CERTIFICATE OF AUTHORIZATION # 0006701

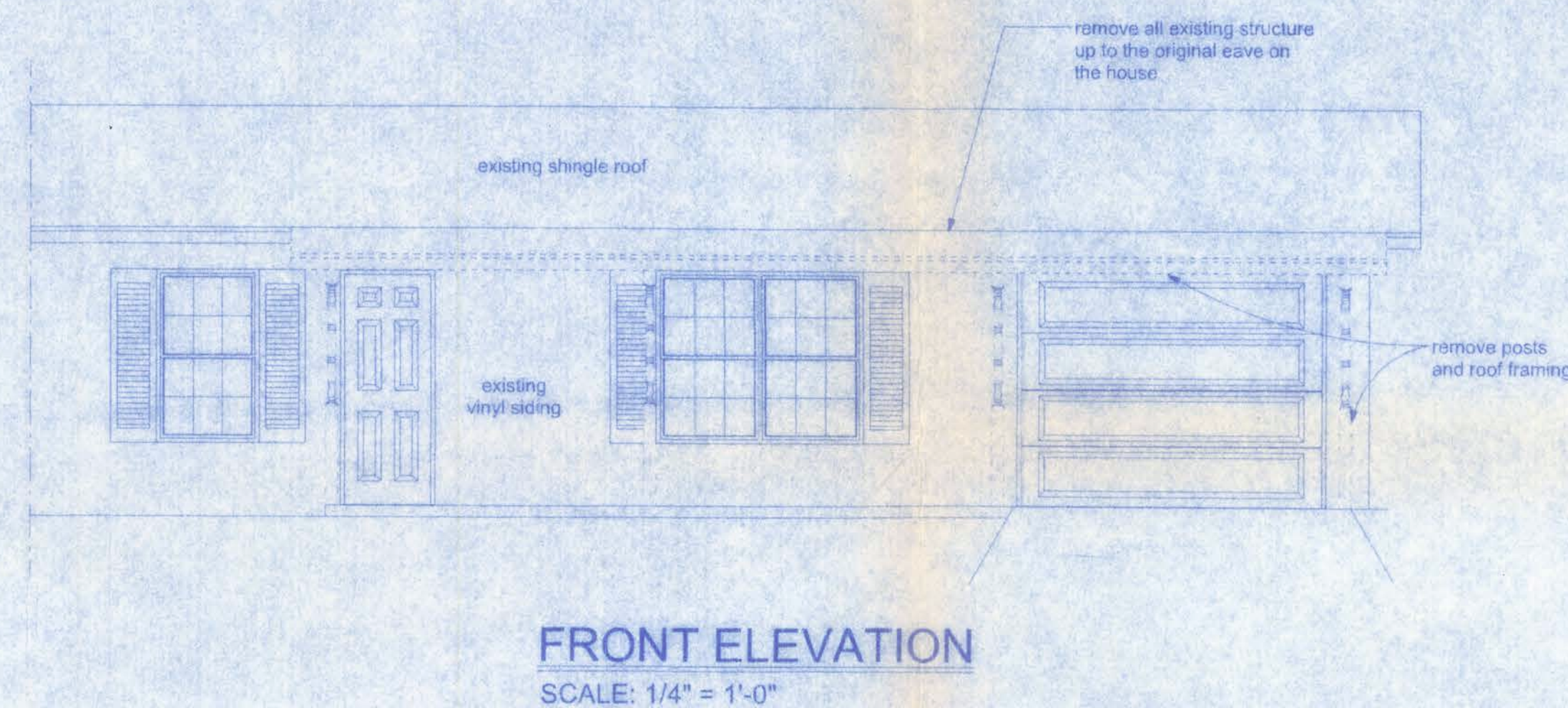
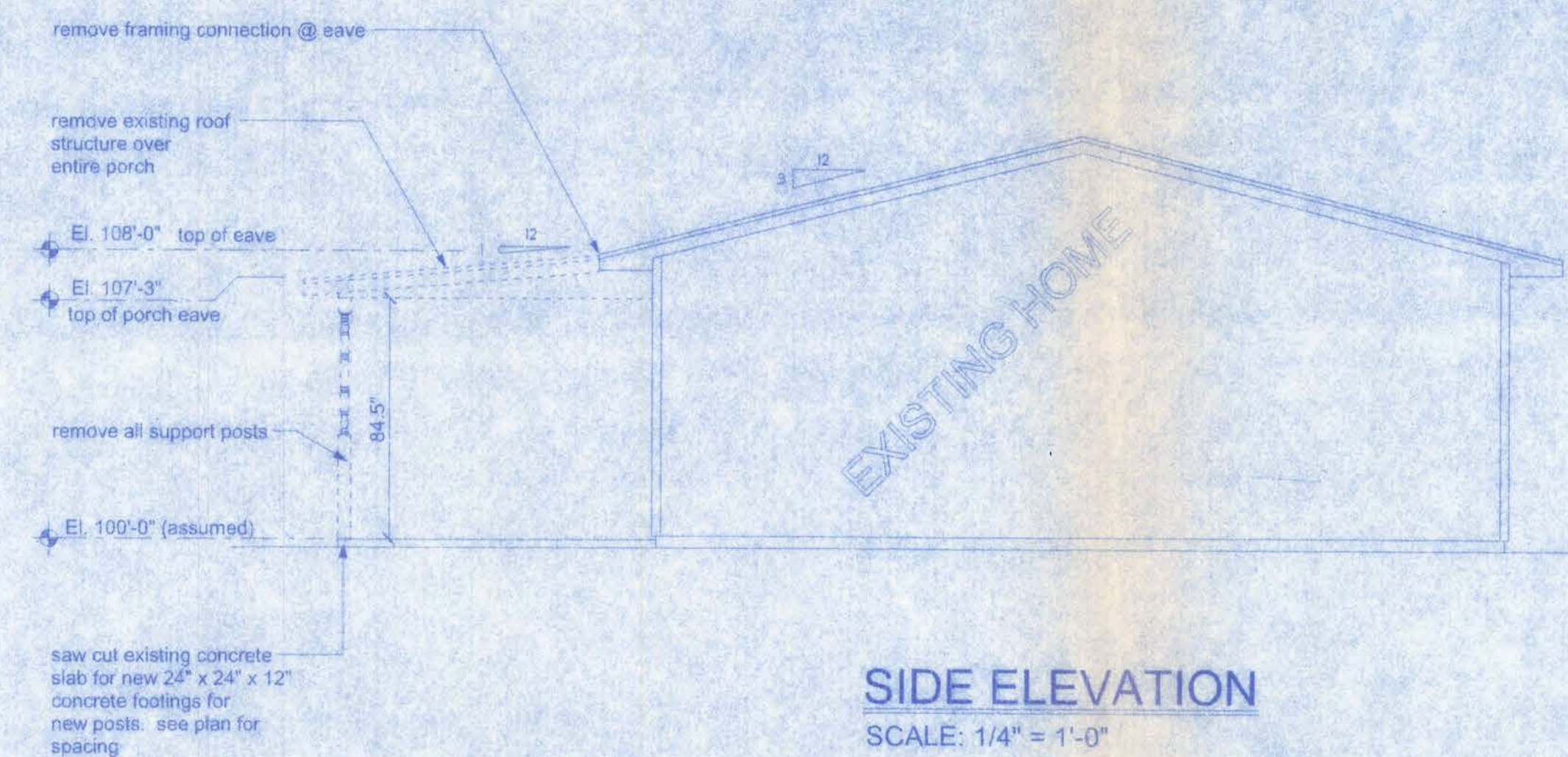
PROJECT LOCATION
487 SW SHADY LANE





GENERAL DEMOLITION NOTES:

- Demolition notes are general in nature only and identify the basic scope and intent of the work.
- Contractor shall field verify all conditions and dimensions prior to performing demolition. Contractor is required to do all demolition of all items required to accomplish the new construction in this project, whether or not shown or noted.
- The contractor shall be responsible for the removal and proper disposal of all materials as called for in the contract documents. The placement and access to waste receptacles for demolition/construction debris shall be coordinated with the owner. Contractor to coordinate the demolition of all utilities with owner prior to commencing demolition.
- The owner has first right of refusal on all salvaged equipment.
- Existing abandoned waste line vtr's are to be secured to the underside of the existing roof deck, cap exterior with 3 pound lead cap with drawline band.
- The contractor shall notify and await approval from the owner before interruption of utilities.
- See mechanical, electrical and plumbing drawings for additional information.
- Facilities or portions of facilities shall not be occupied during construction, unless exits, fire detection and early warning systems, fire protection, and any safety barriers are continuously maintained and clearly marked at all times.
- Prior to the issuance of the notice to proceed, a safety plan shall be provided by the contractor which clearly delineates areas for construction, safety barriers, construction traffic during all phases and conditions of construction.



128 SW NASSAU STREET
LAKE CITY, FL 32025
(386)759-4209

CERTIFICATE OF AUTHORIZATION # 00003701

DATE
4/8/18

DRAWN BY
W.H.F.

APPROVED
W.H.F.

REVISIONS

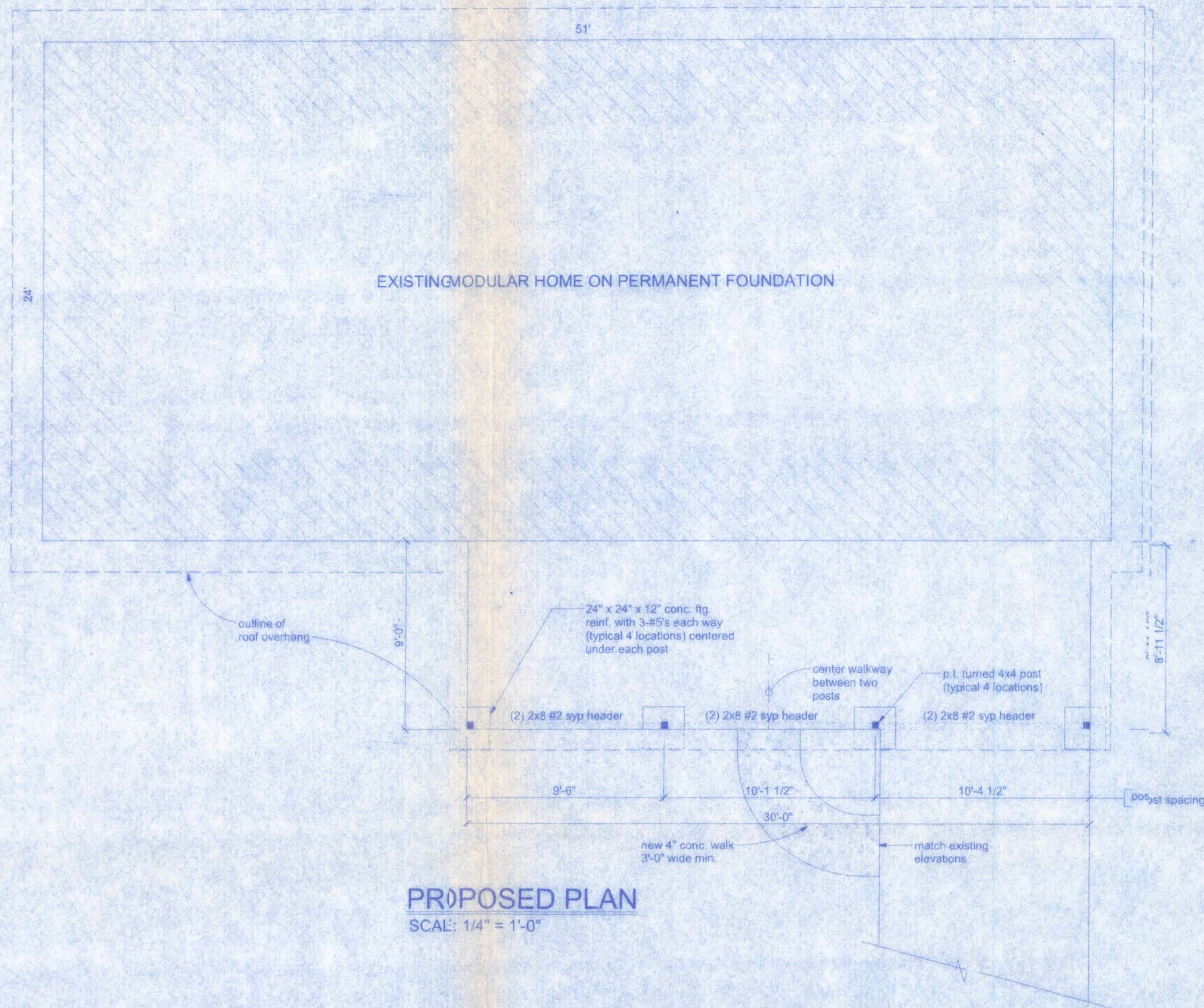
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OF 4

PROJECT NO.
09.R014

PORCH REPLACEMENT FOR
TOWNSEND RESIDENCE

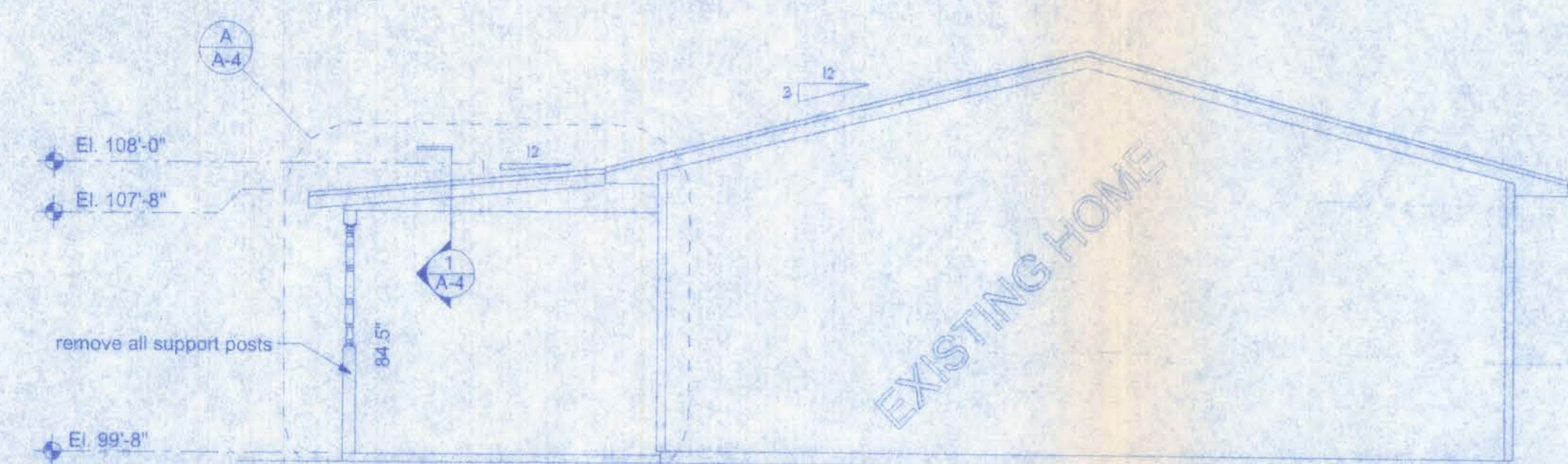
W.H.F.
4/8/18
P.E. # 58031



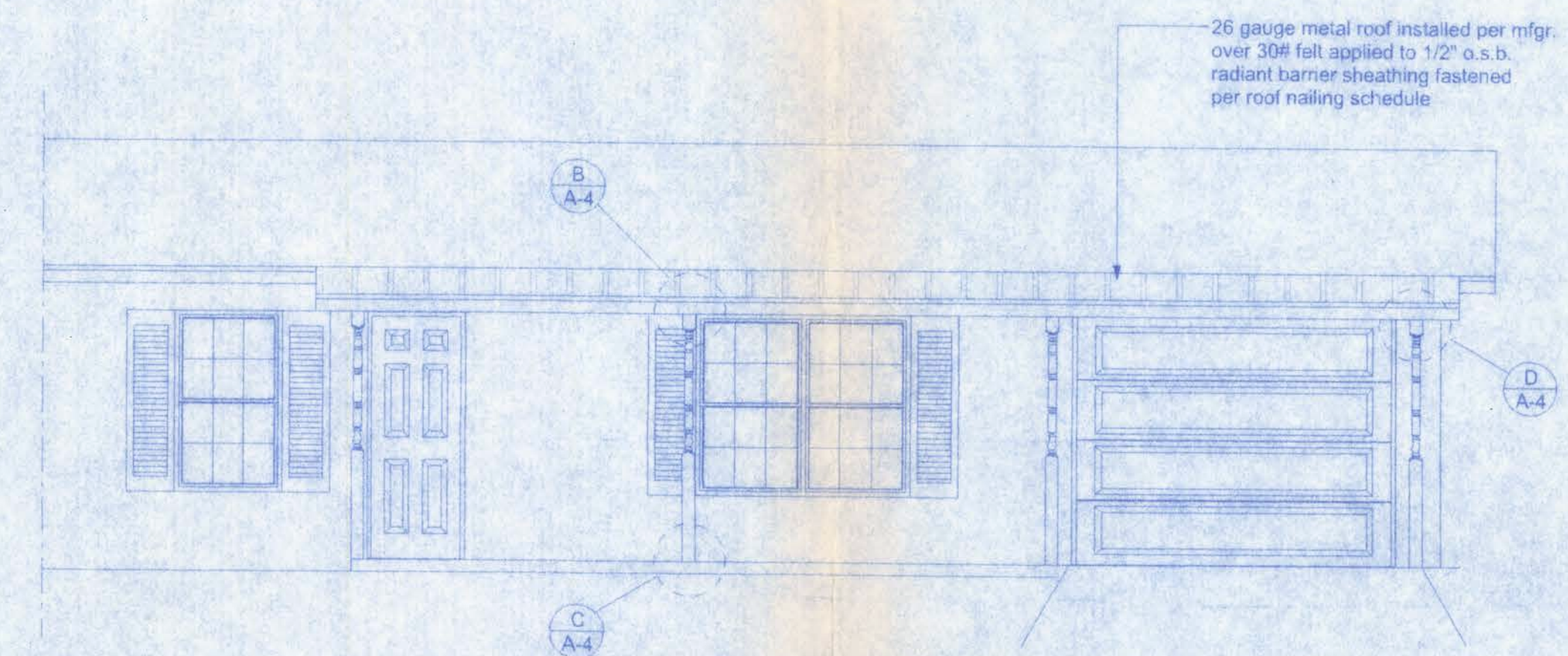
PROPOSED PLAN
SCALE: 1/4" = 1'-0"



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

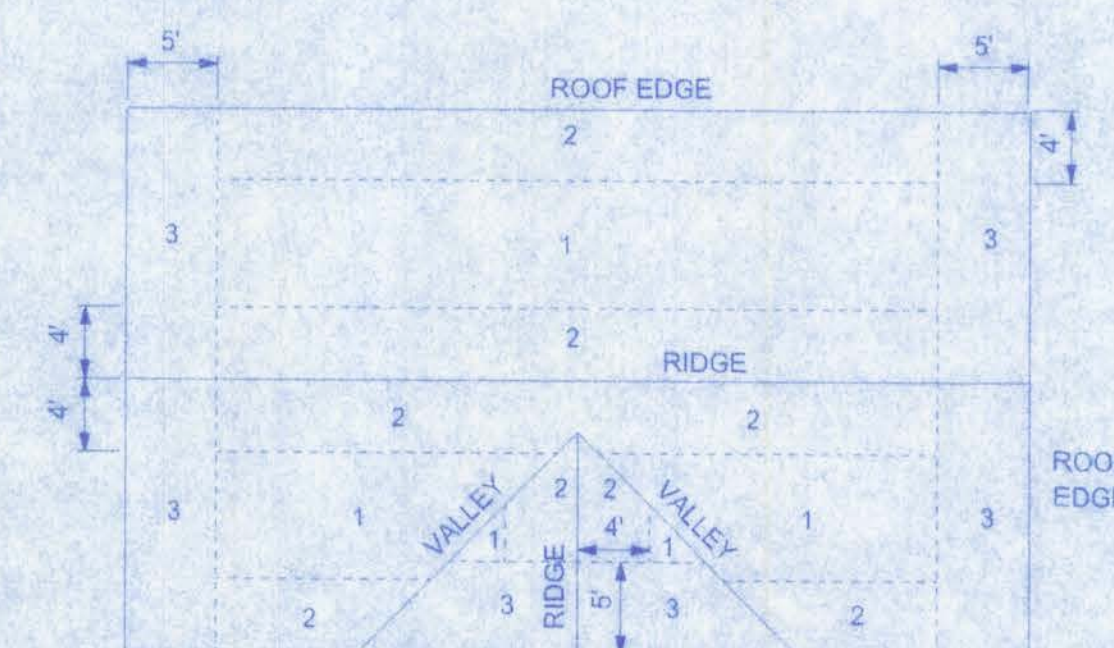


SIDE ELEVATION
SCALE: 1/4" = 1'-0"

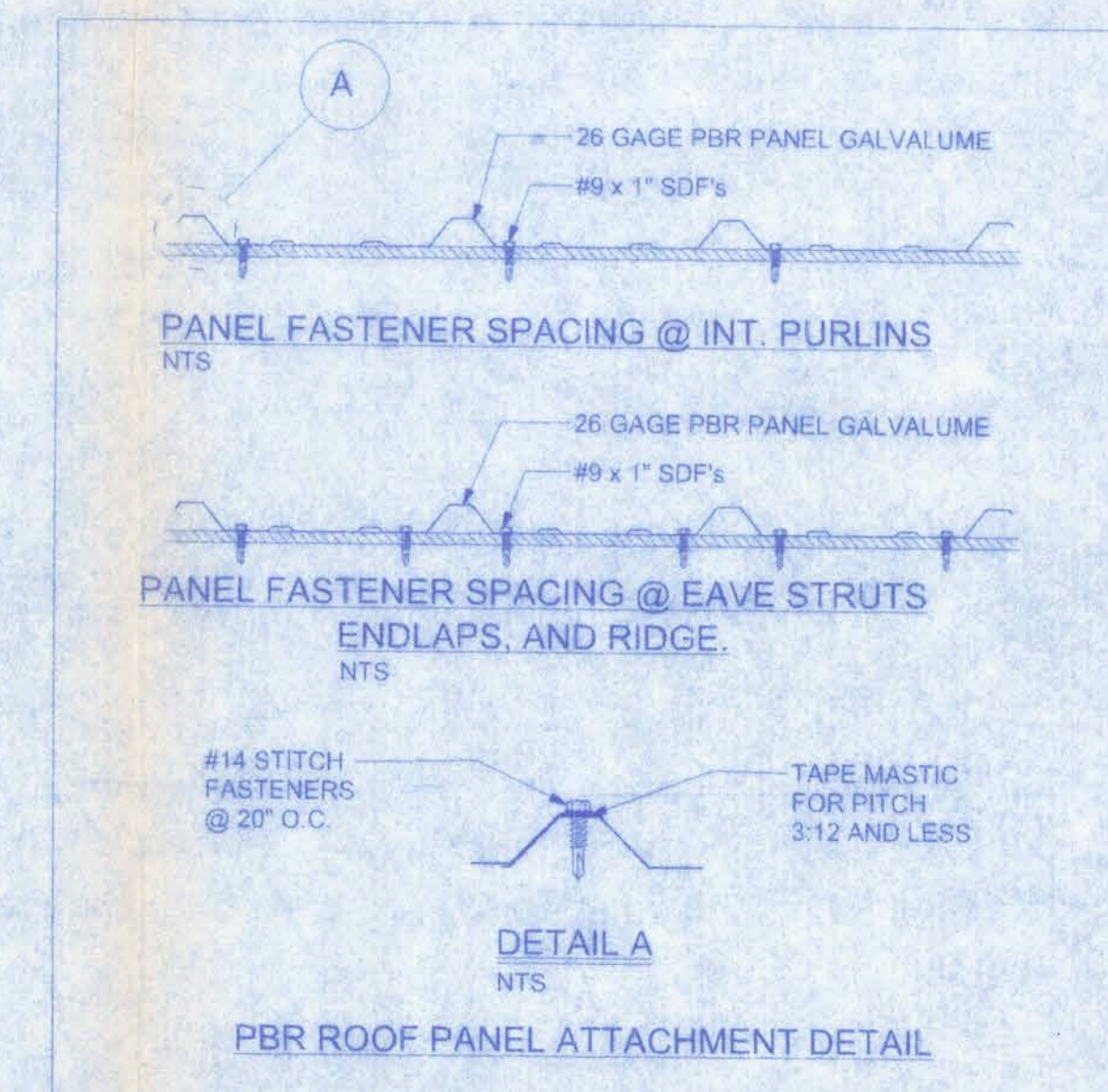


FRONT ELEVATION
SCALE: 1/4" = 1'-0"

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/2 O.S.B.	8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	6 in. o.c. EDGE
2			12 in. o.c. FIELD
3			6 in. o.c. EDGE
			4 in. o.c. @ GABLE ENDWALL OR GABLE TRUSS
			6 in. o.c. EDGE
			6 in. o.c. FIELD



ROOF SHEATHING NAILING ZONES (GABLE ROOF)

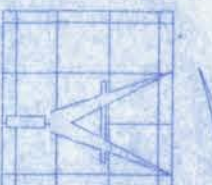


W. H. Lee
4/9/09
P.E. # 44895

PORCH REPLACEMENT FOR TOWNSEND RESIDENCE

128 SW NASSAU STREET
LAKE CITY, FL 32025
(386) 758-4209

CERTIFICATE OF AUTHORIZATION # 00003701



Freeman
Design Group, Inc.

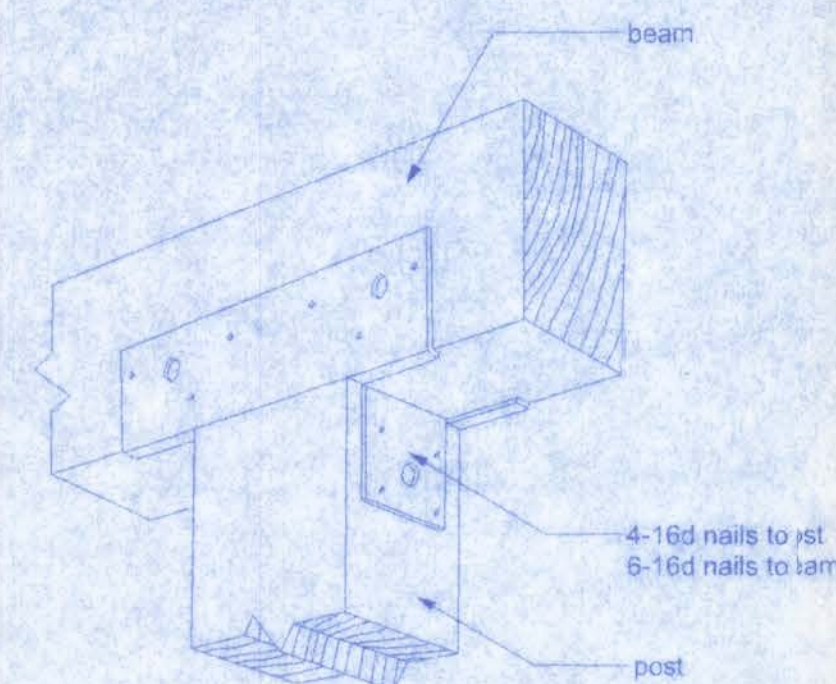
DATE: 4/8/09
DRAWN BY: W.H.F.
APPROVED: W.H.F.

REVISIONS

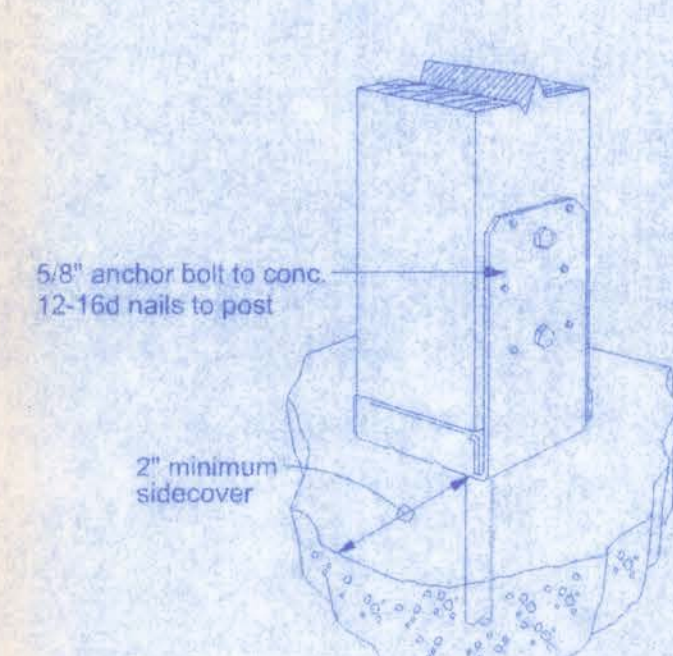
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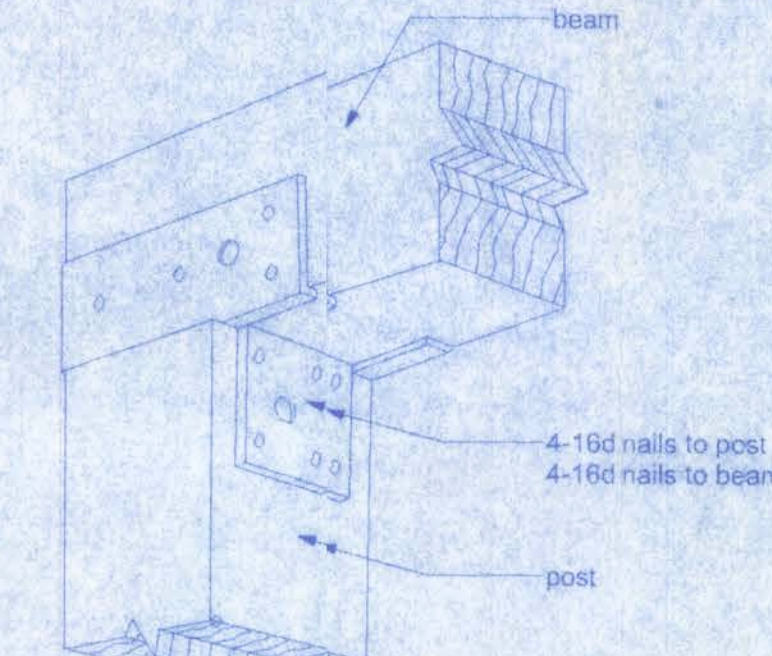
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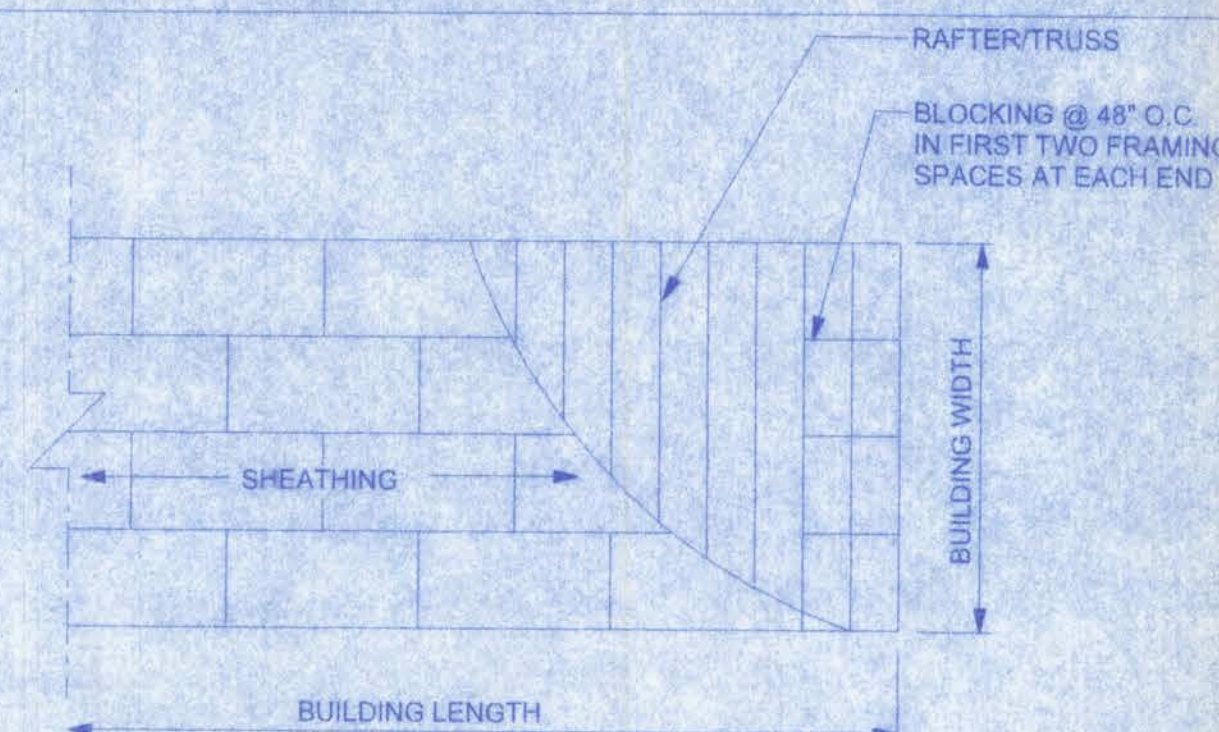
B Simpson PC44



C Simpson ABU44



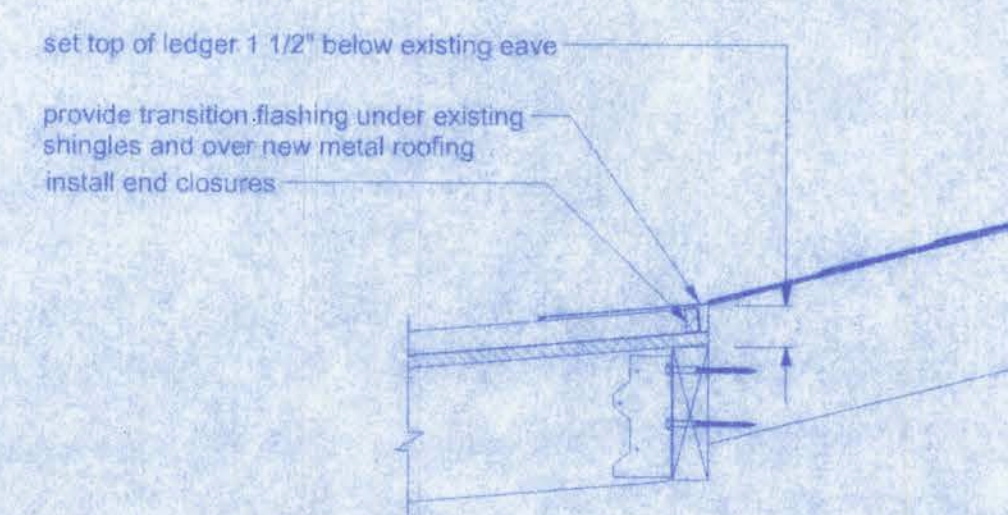
D Simpson EPC



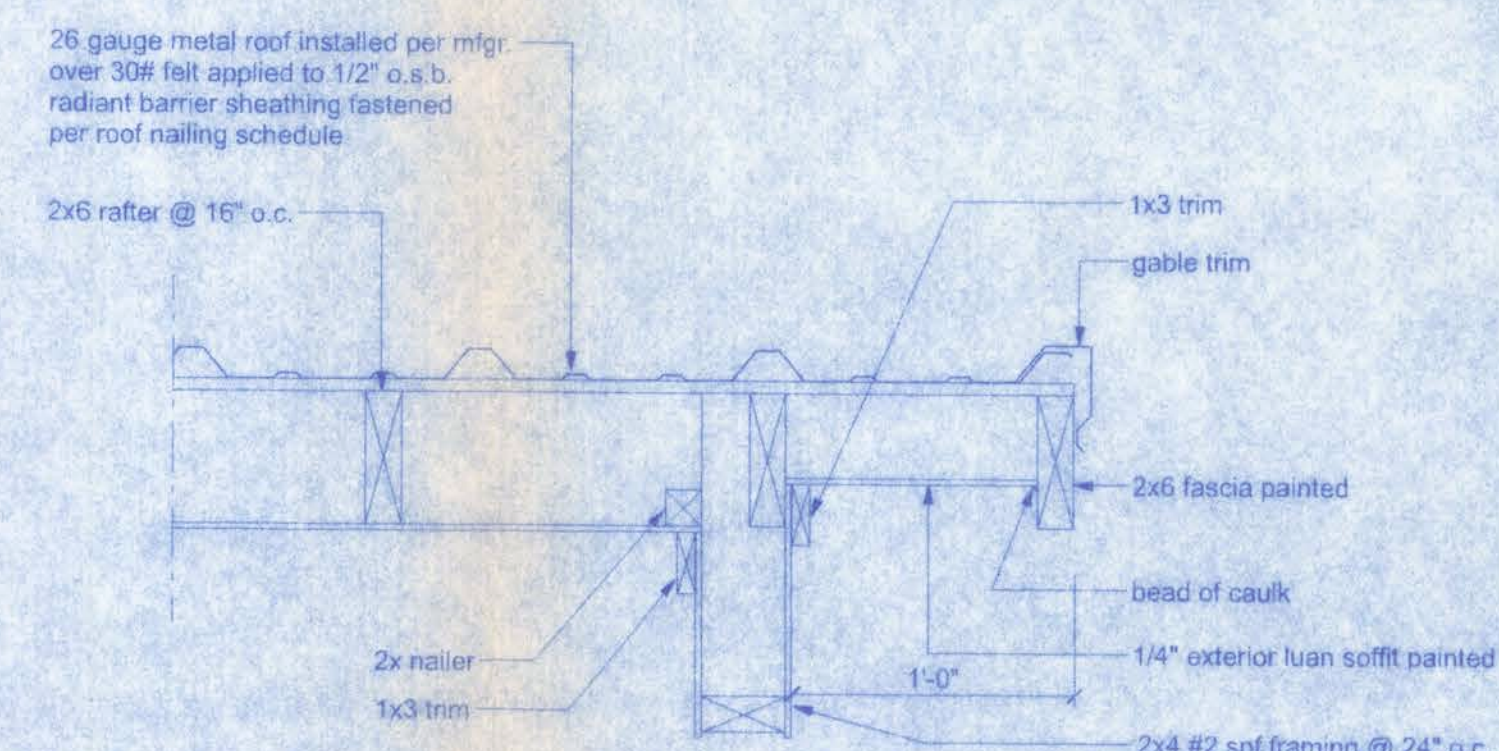
ROOF SHEATHING LAYOUT AND ENDWALL ROOF BRACING

ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS

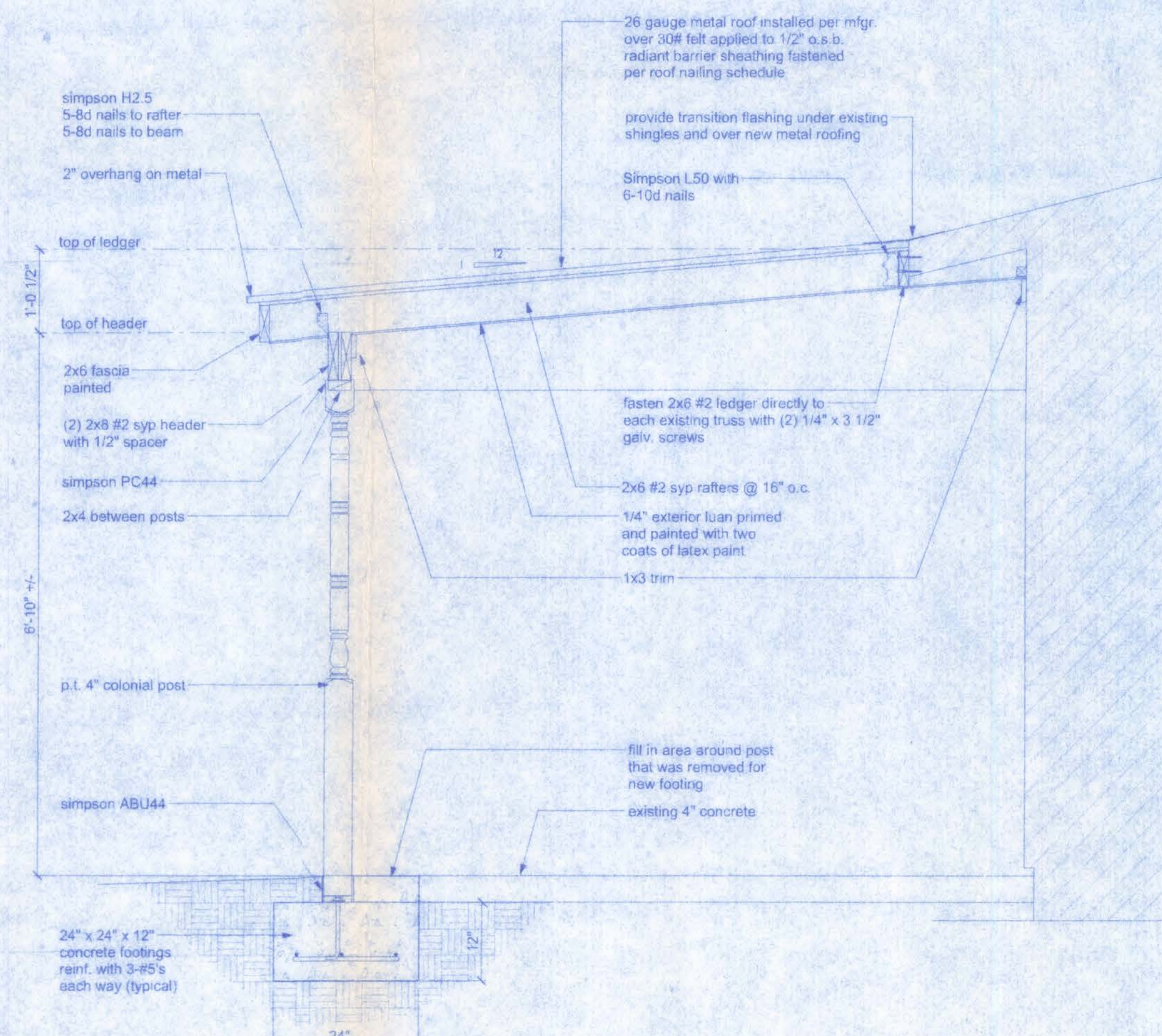
STRUCTURAL MEMBER	ALLOWABLE DEFLECTION
rafters having slopes greater than 2/12 with no finished ceiling attached to rafters	L/180
interior walls and partitions	H/180
floors and plastered ceilings	L/360
all other structural members	L/240
exterior walls with plaster or stucco finish	H/360
exterior walls - wind loads with brittle finishes	L/240
exterior walls - wind loads with flexible finishes	L/120



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



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



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

STEEL COATING RECOMMENDATIONS IN PRESSURE TREATED WOOD:

- Thicker galvanizing generally extends service life of a product. The treated wood industry recommends use of Stainless Steel and hot-dip galvanized connectors and fasteners with treated wood.
- Due to the uncertainties, which are out of the specifier's control, in regard to the chemicals used in pressure treated wood, Simpson recommends the use of stainless steel fasteners, anchors and connectors with treated wood when possible. At a minimum, customers should use ZMAX (G185 HDG per ASTM A653), Batch/Post Hot-Dip Galvanized (per ASTM A123 for connectors and ASTM A153 for fasteners), or mechanically galvanized fasteners (per ASTM B695, Class 55 or greater), product with the newer alternative treated woods.
- G60 galvanized products should not be used with treated woods.
- G90 galvanized connectors can be used with Sodium Borate (DOT - Disodium Octaborate Tetrahydrate) treated woods. Sodium Borate Treated woods are not suitable for applications where moisture exposure is likely. They are suitable for mudsill applications when transported, stored, and installed appropriately.
- When using stainless steel or hot-dip galvanized connectors, the connectors and fasteners should be made of the same material.

Simpson Strong-Tie Product Finishes	Untreated Wood	Chromated Copper Arsenate (CCA-C)	DOT Sodium Borate (SBX)	Alkaline Copper Quat ACO-C and ACO-D (Carbonate)	Copper Azole (CA-A and CA-B)	SBX (DOT) with NASIO	Ammoniacal Copper Zinc Arsenate (ACZA)	Other Pressure Treated Woods
Standard (G90)	X	X	X					
ZMAX (G185)	X	X	X	X	X	X		
Post Hot-Dip Galvanized (HDG)	X	X	X	X	X	X	X	X
SST300 (Stainless Steel)	X	X	X	X	X	X	X	X

PORCH REPLACEMENT FOR TOWNSEND RESIDENCE

128 SW NASSAU STREET
LAKE CITY, FL 32025
(386)758-4209

CERTIFICATE OF AUTHORIZATION # 00008701



Freeman
Design Group Inc.

DATE: 4/8/13
DRAWN BY: W.H.F.
APPROVED BY: W.H.F.

REVISIONS

SHEET: A-4

OF: 4

PROJECT NO.: 09-R014