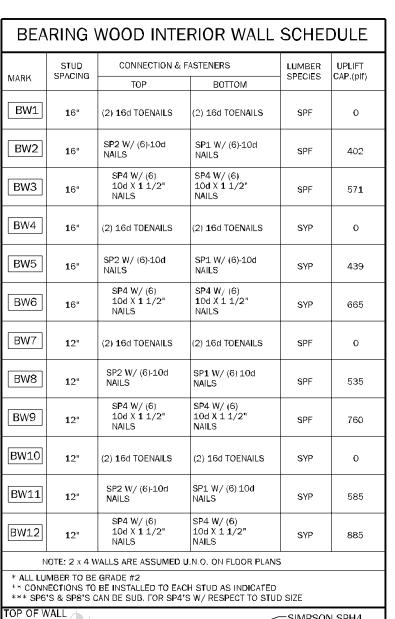
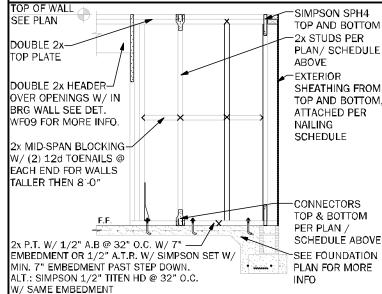
STRUCTURAL DESIGN CRITERIA **STRUCTURAL NOTES: INDEX OF DRAWINGS TERMITE SPECIFICATIONS: CODE CRITERIA CAST IN PLACE CONCRETE** SHT# TITLE TERMITE PROTECTION SHALL BE PROVIDED BY REGISTERED TERMITICIDES. INCLUDING SOIL APPLIED PESTICIDES. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2500 PSI (SLABS) 3000 PSI (COLUMNS AND BEAMS). A SLUMP OF 5" FLORIDA BUILDING CODE 8TH EDITION (2023) RESIDENTIAL BAITING SYSTEMS. AND PESTICIDES APPLIED TO WOOD. OR OTHER APPROVED METHODS OF TERMITE PLUS OR MINUS 1". AND HAVE 2 TO 5% AIR ENTRAINMENT, AND A MAXIMUM WATER/CEMENT RATIO OF 0.63. PROTECTION LABELED FOR USE AS A PREVENTATIVE TREATMENT TO NEW CONSTRUCTION (SEE SECTION 202. • FLORIDA FIRE PREVENTION CODE 8TH EDITION (2023) **COVER SHEET** REGISTERED TERMITICIDE). UPON COMPLETION OF THE APPLICATION OF THE TERMITE PROTECTIVE TREATMENT, A HOOKS SHALL BE PROVIDED AT DISCONTINUOUS ENDS OF ALL TOP BARS OF BEAMS. FLORIDA BUILDING CODE ACCESSIBILITY 8TH EDITION (2023) RESIDENTIAL WIND LOADING CRITERIA HORIZONTAL FOOTING BARS SHALL BE BENT 25" AROUND CORNERS OR CORNER BARS WITH A 25" LAP PROVIDED EACH WAY. CERTIFICATE OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY THE LICENSED PEST • NFPA 70-20, NATIONAL ELECTRICAL CODES (NEC 2020) FLOOR PLAN CONTROL COMPANY THAT CONTAINS THE FOLLOWING STATEMENT: "THE BUILDING HAS RECEIVED A COMPLETE CONCRETE COVER MIN. 3" WHEN EXPOSED TO EARTH OR 1 1/2" TO FORM U.N.O. • BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE — (ACI 318-19) WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-1064A/ A1064M. WWF SHALL BE LAPPED AT LEAST 6" AND CONTAIN AT LEAST ONE CROSS WIRE WITHIN TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. TREATMENT IS IN ACCORDANCE WITH RULES • SPECIFICATIONS FOR STRUCTURAL CONCRETE — (ACI 301-20) FOUNDATION PLAN THE 6". OR POLYPROPYLENE FIBERS FOR SLABS ON GRADE TO BE MIN .75 LBS OF FIBER PER CUBIC YARD. AND LAWS ESTABLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES. EXPOSURE CATEGORY • BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES — (ACI 530-13) BUILDING CATEGORY BUILDING TYPE ENCLOSURE CLASSIFICATION INTERNAL PRESSURE COEFFICIENT ALL REINFORCING STEEL / STIRRUPS AND TIES SHALL BE NEW DOMESTIC DEFORMED BARS FREE FROM RUST, SCALE & OIL & SHALL MEET ASTM 615, ASTM A70 ELECTRICAL PLAN • NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION — 2018 EDITION OR ASTMA 996 GRADE 40 U.N.O. REINFORCING FOR FOOTING SHALL BE SUPPORTED ON PRE-CAST CONCRETE PADS, STEEL WIRE OR PLASTIC SUPPORTS. TOP WOOD FRAMED CONSTRUCTION MANUAL 2018 EDITION REINFORCING SHALL BE POSITIVELY SUPPORTED BY TEMPORARY STRINGERS. DOWELS FOR COLUMNS & FILLED CELLS SHALL BE SECURED IN PLACE BY ELEVATIONS L. METHOD OF TREATMENT SHALL BE APPROVED BY THE GOVERNING JURISDICTION "LIQUID BORATE OR BOR-A-COR" • APA PLYWOOD DESIGN SPECIFICATION E30-19 USING ADDITIONAL CROSS-REINFORCING TIED TO FOOTING REINFORCING. SPLICES IN REINFORCING WHERE PERMITTED SHALL BE AS PER DETAIL MS05/S-1. SEE • AMERICAN SOCIETY OF CIVIL ENGINEERS: ASCE/SEI 7-22 S-1 TRUSS LAYOUT PRODUCT METHODS MUST BE DETERMINED AT PERMIT STAGE AND PRODUCT APPROVAL DATA MUST BE ON FILE. NOTE: MEAN ROOF HEIGHT FOR TYPICAL SINGLE STORY HOME IS 15FT WITH THE BUILDING DEPARTMENT HIGH STRENGTH SIMPSON SET EPOXY-TIE ANCHORING ADHESIVE WAS USED IN THE DESIGN OF THIS PRODUCT. IF CONTRACTORS WISH TO USE A DIFFERENT • ALUMINUM DESIGN MANUAL — AAF-20 (AA ADM-2020) AND FOR 2 STORY HOME IS 30FT S-2 **DETAILS** . PRESSURE TREATED LUMBER THAT HAS BEEN CUT OR DRILLED THAT EXPOSES UNTREATED PORTIONS OF WOOD 1. CODE REOUIREMENTS: IT IS THE INTENT THAT ALL WORK SHALL CONFORM TO THE FPOXY, THEY MUST FIRST CONTACT THE ENGINEER OF RECORD FOR WRITTEN APPROVAL. ASCE 7-22 WALL DESIGN ALLOWABLE COMPONENTS ARE REQUIRED TO BE FIELD TREATED TO PREVENT INSECT INFESTATION WHERE PROJECT IS TO BE LOCATED IN KNOWN RADON GAS PREVALENT AREAS, APPENDIX "F" OF THE FLORIDA BUILDING CODE 8th. EDITION (2023) IS TO S-2.1 ADOPTED CODES, STANDARDS AND RULES OF THE ADMINISTRATIVE AUTHORITY **DETAILS** AND CLADDING WIND PRESSURES AND SUCTIONS 3. OPTIONAL BORATE APPLIED TO ALL FRAME MEMBERS WITHIN 24" A.F.F. BE IMPLEMENTED. F303.4.1 CONCRETE STRENGTH IN THESE AREAS ARE TO BE A MINIMUM OF 3000 P.S.I. THEREFORE, ANY AND ALL NOTES ON THESE FOR MEAN ROOF HEIGHT ≤ 30 ft S-3 **DETAILS** PLANS THAT INDICATE 2500 P.S.I. SHALL BE REPLACED WITH 3000 P.S.I. FOR THE CONCRETE STRENGTH. 2. ALL WORK SHALL CONFORM WITH DRAWINGS AND SPECIFICATIONS IN ACCORDANCE WITH THE REQUIREMENTS OF ALL THE FOLLOWING WHERE APPLICABLE: EFFECTIVE | WIND PRESSURE AND SUCTION (PSF) S-4 **EXTERIOR COVERING DETAILS** MASONRY WALL CONST. WIND PRESSURE AND WIND AREA (+) VALUE DENOTES PRESSURE (A) GOVERNING MUNICIPAL AND REGULATORY AGENCIES SUCTION DIAGRAM S-4.1 (SQ FEET) **DETAILS** (B) LOCAL STATE AND FEDERAL BODIES (-) VALUE DENOTES SUCTION 703.7 EXTERIOR PLASTER. HOLLOW LOAD BEARING UNITS SHALL BE NORMAL WEIGHT, GRADE N, TYPE 2, CONFORMING TO ASTM C90-2016A, WITH A MINIMUM NET COMPRESSIVE NSTALLATION OF THESE MATERIALS SHALL BE IN COMPLIANCE WITH ASTM C926 AND ASTM C1063, OR ASTM C1787 AND THE STRENGTH OF 2000 PSI (f'm = 2000 PSI) AREA WP WATERPROOFING DETAILS **DEFLECTION CRITERIA** PROVISIONS OF THIS CODE. MORTAR SHALL BE TYPE "S", CONFORMING TO ASTM C270-14A. **10** - 19.99 (A) COARSE GROUT SHALL CONFORM TO ASTM C476-19 WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS (-) 19 8 ROOF TRUSSES* TL/240 COMMMENTS: OF 3000 PSI SLUMP 8" TO 11". CONTINUOUS MASONRY INSPECTIONS ARE REQUIRED DURING CONSTRUCTION. ROOF RAFTERS TL/120 ATH AND LATH ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIALS. EXPANDED METAL OR WOVEN WIRE LATH SHA 20 - 49.99 (C) GRADE 40 U.N.O. VERTICAL REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS WITH THE CELLS FILLED WITH COARSE GROUT. TL/240 TL/240 TL/240 ROOF RAFTERS (W/O CLG) LL/360 E ATTACHED WITH 1-1/2" LONG, 11 GAGE NAILS HAVING A 7/16" HEAD, OR 1-1/2" LONG, 16 GAGE STAPLES, SPACED IN REINFORCING STEEL SHALL BE LAPPED PER DETAIL MS05/S-1, UNLESS OTHERWISE NOTED ON THE DRAWINGS. FLOOR TRUSSES/ BEAMS * ACCORDANCE WITH ASTM C1063 OR C1787. OR AS OTHERWISE APPROVED. (REFER TO PLAN SET FOR THE FNGINFERED METHOL 50 - 99.99 (E) GROUT STOPS SHALL BE PROVIDED BELOW BOND BEAM. PLASTIC SCREEN, METAL LATH STRIP OR CAVITY CAPS MAY BE USED TO PREVENT THE FLOW OF FLOOR I-JOIST*** L/480 GROUT INTO CELLS BELOW. THE USE OF FELT PAPER AS A STOP IS PROHIBITED. s item has been digitally signed and sealed by > 100 G TEMPORARY BRACING AND SHORING OF WALL TO PROVIDE STABILITY DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR *TL MAX 2" UP TO 40FT SPAN **** TL MAX 1/4" DIFFERENTIAL BETWEEN ien Bao Duong, P.E. On Signing Date: 02/14/202 **LATHING ACCESSORIES:** **TL MAX 3/4" *** TL MAX 1/2" ADJACENT TRUSSES TYPICAL FILLED CELL REINFORCING SIZE AND SPACING SHALL BE ABOVE AND BELOW ALL WALL OPENINGS. ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIALS. WOOD APPLICATION; 16 GA X 1 ½" LONG (3/4" - 1" CROWN) SOFFIT GARAGE DOORS* DO NOT APPLY UNIFORM LOADS TO MASONRY WALLS FOR (3) DAYS AND NO CONCENTRATED LOADS FOR (7) DAYS. PER CODE ACI 318-19. TAPLES @ 6" O.C. VERT/HORIZ INTO THE FRAMING MEMBERS. MASONRY APPLICATION: CONCRETE STUB NAIL. 3/8" (10 mm). nted copies of this document are not consider 8'-0"&9'-0" x 7'-0" 16'-0" x 7'-0 D. CONSOLIDATE AND RECONSOLIDATE GROUT POURS PER CODE. GROUT SHALL BE FLUSH WITH TOP OF WALL (+) 18.2 ned and sealed and the signature must be HEAD DIA. MIN. @ 6" O.C. VERT/HORIZ. or COMPATIBLE ADHESIVES. EXTERIOR GUN-GRADE. CONSTRUCTION ADHESIVE WITH 1 **GENERAL ROOF LOADING** ified on any electronic copies DABS @ 6" O.C. or IN A SEMI-CONTINUOUS BEAD BETWEEN THE SOLID PLASTER BASE AND THE SOLID PORTION OF THE KEY (-) 24.4 DIAGRAM TTACHMENT FLANGE. CONTROLS JOINTS: INSTALL CONTROL JOINT LATHING ACCESSORIES IN CONFORMANCE WITH C1063. LA WOOD CONSTRUCTION HINGLE/METAL | FLAT TILE ngineer's S&S is only for the structural portion GENERAL PRESSURE NOTES SHALL NOT BE CONTINUOUS THROUGH CONTROL JOINTS, BUT SHALL BE STOPPED AND TIED AT EACH SIDE. AII ACCESSORIES ne drawings. Any non-structural details or ROOF (PSF) ROOF (PSF) ROOF (PSF) ROOF (PSF) HALL BE IN ACCORDANCE WITH THE LATEST ASTM C1063 & ASTM C1861. awings (Electrical, HVAC, Waterproofing, . ALL EXTERIOR WOOD STUD WALLS, BEARING WALLS, SHEAR WALLS AND MISC, STRUCTURAL WOOD FRAMING MEMBERS, (I.E BLOCKING OR GABLE NOTES: 1. MULTIPLY THE ABOVE PRESSURES BY 1.67 TO GET ULTIMATE WIND PRESSURES. TOP CHORD LL END BRACING) SHALL BE EITHER AS SPECIFIED IN PLAN OR DETAILS. IF CONFLICTS OCCUR BETWEEN PLAN AND DETAILS, THE STRONGEST MATERIAL re not part of the EOR review. TOP CHORD DL **1**5 . <u>"a" = END ZONE IS ONLY WITHIN 4'-0" OF ALL EXTERIOR BUILDING COR</u>NERS. SHALL BE USED. AT A MINIMUM, ALL WOOD STRUCTURAL FRAMING MEMBERS SHALL BE S.P.F. #2. LASTERING WITH CEMENT PLASTER SHALL BE NOT LESS THAN THREE COATS WHERE APPLIED OVER ANY TYPE OF BOTTOM CHORD LL* *INDICATED PRESSURES CAN BE INTERPOLATED FOR OTHER DOOR SIZES, ALL LUMBER SPECIFIED ON DRAWINGS ARE INTENDED FOR DRY USE ONLY (MOISTURE CONTENT 19% OR LESS), U.N.O. ALL WATERPROOFING AND ODE-APPROVED LATH AND SHALL BE NOT LESS THAN TWO COATS WHERE DIRECTLY APPLIED OVER MASONRY. CONCRETE, CLA OTHERWISE USE LOAD ASSOCIATED WITH THE LOWER EFFECTIVE AREAS. BRICK, STONE, OR TILE. IF THE PLASTER SURFACE IS COMPLETELY COVERED BY VENEER OR OTHER FACING MATERIAL OR IS FIRE SAFETY SYSTEMS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ARE TO BE DESIGNED AND DETAILED BY OTHERS BOTTOM CHORD DL . ANY WOOD FRAME INTERIOR BEARING WALL STUDS THAT HAVE HOLES IN THE CENTER OF THE STUD UP TO 1" DIA. SHALL HAVE STUD PROTECTION DESIGNATED AREAS WHERE THE ULTIMATE WIND SPEED IS 140 MPH OR GREATER COMPLETELY CONCEALED. PLASTER APPLICATION NEED BE ONLY TWO COATS. PROVIDED TOTAL THICKNESS IS AS SET IN TABL TOTAL (PSF) 40 50 45 SHIELDS. ALL HOLES OVER 1" IN DIA. FOR PLUMBING LINES, ETC. SHALL BE REPAIRED WITH SIMPSON HSS2 STUD SHOES, TYP., U.N.O. CONTRACTOR TO PROVIDE ADDITIONAL INFORMATION AS REQUIRED FOR PERMITTING CEMENT PLASTER SHALL BE IN ACCORDANCE WITH ASTM C926 AND MATERIAL SHALL BE IN ACCORDANCE WITH ONE OF THE MANY OF THE NEW PRESSURE TREATED WOODS USE CHEMICALS THAT ARE CORROSIVE TO STEEL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BOTTOM CHORD LL (OPT) TO INCLUDE IMPACT GLAZING, SHUTTERS, OR WOOD STRUCTURE PANELS PER THE VERIFY THE TYPE OF WOOD TREATMENT AND TO SELECT APPROPRIATE CONNECTORS. THAT RESIST CORROSION. FOR EXAMPLE, ACO-C, ACO-D, FBCR R301.2.1.2 PROTECTION OF OPENINGS. ATTICS W/ LIMITED STORAGE CBA-A OR CA-B REQUIRE HOT-DIPPED GALVANIZED OR STAINLESS STEEL FASTENERS. DOT SODIUM BORATE (SBX) DOES NOT. ATTICS W/ HEAVY STORAGE STATE OF R703 7 3 WATER-RESISTIVE BARRIERS ALL EXPOSED WOOD OR WOOD IN CONTACT WITH EARTH OR CONCRETE TO BE PRESSURE TREATED * ATTICS W/ NO STORAGE NATER-RESISTIVE BARRIERS SHALL BE INSTALLED AS REQUIRED IN SECTION R703.2 AND, WHERE APPLIED OVER WOOD-BASED UNTREATED WOOD SHALL NOT BE IN DIRECT CONTACT WITH CONCRETE OR MASONRY. SEAT PLATES SHALL BE PROVIDED AT BEARING LOCATIONS SHEATHING, SHALL INCLUDE A WATER-RESISTIVE VAPOR-PERMEABLE BARRIER WITH A PERFORMANCE AT LEAST EQUIVALENT TO (NON-CONCURRENT) WITHOUT WOODEN TOP PLATES. WO LAYERS OF GRADE D PAPER. THE INDIVIDUAL LAYERS SHALL BE INSTALLED INDEPENDENTLY SUCH THAT EACH LAYER SEE PLAN FOR STUD PACK AND BEAM NAILING PATTERNS. NOTE: LL REDUCTIONS ARE ALLOWED PER CODE BUT ONLY WITH WRITTEN PROVIDES A SEPARATE CONTINUOUS PLANE AND ANY FLASHING (INSTALLED IN ACCORDANCE WITH SECTION R703.4) INTENDEI ALL ENGINEERING LUMBER TO HAVE THE FOLLOWING MIN VALUES U.N.O. APPROVAL FROM FOR OR INDICATED ON PLAN DRAIN TO THE WATER-RESISTIVE BARRIER IS DIRECTED BETWEEN THE LAYERS. PARALLAM COLUMNS: 1.8E Fb = 2400 PSI MICROLAM (LVL) BEAMS: 2.0E Fb= 2600 PSI GLULAM BEAMS: SP/SP 24F-V5 LAYUP 1.7E Fb=2400 PSI M SEE PLAN NOTE FOR ADDITIONAL ROOF, WALL, SHEAR WALL AND FLOOR SHEATHING REQUIREMENTS ALONG W/ NAILING INFORMATION OTHERWISE **GENERAL FLOOR LOADING** ROOF DECK: PLYWOOD C-C/C-D, EXTERIOR OR OSB NOT FEWER THAN ONE LAYER OF WATER-RESISTIVE BARRIER SHALL BE APPLIED OVER STUDS OR SHEATHING OF ALL EXTERIOR FLOOR SHEATHING: T&G A-C GROUP 1 APA RATED (48/24) SHEATHING SHALL FINISH FLUSH TO EXTERIOR WALL FACE. To the best of the Engineer's knowledge, information TOP CHORD LL 40 (PSF) | COMMMENTS: VALLS WITH FLASHING AS INDICATED IN SECTION R703.4, IN SUCH A MANNER AS TO PROVIDE A CONTINUOUS WATER-RESISTIV WALL SHEATHING: 7/16" STRUCTURAL I OSB EXPOSURE 1 OR 15/32" RATED OSB EXPOSURE 1 and belief, the structural plans and specifications BARRIER BEHIND THE EXTERIOR WALL VENEER. THE WATER-RESISTIVE BARRIER MATERIAL SHALL BE CONTINUOUS TO THE TOP $\mathfrak c$ TOP CHORD DL 10 (PSF) A MINIMUM 1/8" SPACE IS RECOMMENDED BETWEEN PANELS EDGES TO ALLOW FOR EXPANSION PER ASTM C1063 AND APA PLYWOOD DESIGN SPECIFICATIONS contain within these drawings comply with the 2023 NALLS AND TERMINATED AT PENETRATIONS AND BUILDING APPENDAGES IN A MANNER TO MEET THE REQUIREMENTS OF THE 0 (PSF) Florida Building Code- Residential 8th Edition. SHEATHING SHALL NOT BE USED AS WEATHER RESISTANCE BARRIER UNLESS SPECIFIED BY MANUFACTURER. EXTERIOR WALL ENVELOPE AS DESCRIBED IN SECTION R703.1. WATER-RESISTIVE BARRIER MATERIALS SHALL COMPLY WITH OI **APPROVED** Engineer's signature and seal is only for the structura 5 (PSF) IO. LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIALS. EXPANDED METAL OR WOVEN WIRE LATH SHALL BE ATTACHED TO WOOD. BOTTOM CHORD DL THE FOLLOWING engineeringportions of the drawing pages bearing SHEATHING WITH 1 1/2" LONG. 11 GAGE NAILS HAVING A 7/16" HEAD, OR 1 1/2" LONG, 16 GAGE STAPLES IN ACCORDANCE WITH ASTM C1062 OR C1787, 1. NO. 15 FELT COMPLYING WITH ASTM D226, TYPE 1. By troy crews at 7:48 am, Apr 29, 2025 engineer's signature and seal. OR AS OTHERWISE APPROVED (REF. 2023 FBC-R-R703.7.1). (REFER TO SHEET WF138/S-1 FOR THE ENGINEERED METHOD FOR LATH ATTACHMENT) SPECIAL FLOOR LOADING AA26003113 CA No. 9161 3. ASTM E331 IN ACCORDANCE WITH SECTION R703.11. 4. OTHER APPROVED MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. GAME ROOM PRE ENGINEERED WOOD TRUSSES O. 15 ASPHALT FELT AND WATER-RESISTIVE BARRIERS COMPLYING WITH ASTM E2556 SHALL BE APPLIED HORIZONTALLY, WITH BALCONIES / DECKS 40 (PSF) (PSF) = UNIFORM LOADS E UPPER LA<mark>YE</mark>R LAPPED OVER TH<mark>E LOWER LA</mark>YER NOT LESS THAN 2 INCHES (51MM). AND WHERE JOINTS OCCUR. SHALL BE BALCONIES OVER 100 SQ:FT 100 (PSF) ALL PREFABRICATED WOOD TRUSSES SHALL BE SECURELY FASTENED TO THEIR SUPPORTING WALLS OR BEAMS WITH HURRICANE CLIPS OR ANCHORS PER (LBS) = CONCENTRATED LOADS LIGHT STORAGE 125 (PSF) STRUCTURAL PLAN c. INDIVIDUAL STAIR TREADS SHALL BE LIBRARIES READING ROOMS PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR STRESS 60 (PSF) CAPABLE OF SUPPORTING THE LIBRARIES STACK ROOMS 150 (PSF) UNIFORMLY DISTRIBUTED LIVE LOAD PPROVED METAL FLASHING, VINYL FLASHING, SELF-ADHERED MEMBRANES AND MECHANICALLY ATTACHED FLEXIBLE FLASHING -GRADE LUMBER AND ITS FASTENERS" AS RECOMMENDED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION. OR A 300-POUND CONCENTRATED GUARDS 200 (LBS) (h.l. HALL BE APPLIED SHINGLE-FASHION OR IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. METAL FLASHING SHALI TRUSS MEMBERS AND CONNECTIONS SHALL BE PROPORTIONED (WITH A MAXIMUM ALLOWABLE STRESS INCREASE FOR LOAD DURATION OF 25%) TO LOAD APPLIED ON AN AREA OF 2 HANDRAILS (d) 200 (PSF) (h) WITHSTAND THE LIVE LOADS GIVEN IN THE NOTES AND TOTAL DEAD LOAD. CORROSION RESISTANT. FLUID-APPLIED MEMBRANES USED AS FLASHING SHALL BE APPLIED IN ACCORDANCE WITH THE INCHES BY 2 INCHES, WHICHEVER GUARD RAILS IN FILL COMP. (f) 50 (PSF) (h) 'ANUFACTURER'S INSTRUCTIONS. ALL FLASHING SHALL BE APPLIED IN A MANNER TO PREVENT THE ENTRY OF WATER INTO TH BRIDGING FOR PRE-ENGINEERED TRUSSES SHALL BE AS REQUIRED BY THE TRUSS MANUFACTURER UNLESS NOTED ON THE PLANS. PRODUCES THE GREATER STRESSES. 40 (PSF) 300 (LBS) TRUSS ELEVATIONS AND SECTIONS ARE FOR GENERAL CONFIGURATION OF TRUSSES ONLY. WEB MEMBERS ARE NOT SHOWN, BUT SHALL BE DESIGNED BY ALL CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS d. A SINGLE CONCENTRATED LOAD APPLIED NON SLEEPING ROOMS 40 (PSF) ELF-ADHERED MEMBRANES USED AS FLASHING SHALL COMPLY WITH AAMA 711. ALL EXTERIOR FENESTRATION PRODUCTS THE TRUSS MANUFACTURER IN ACCORDANCE WITH THE FRAMING DESIGN LOADS. IN ANY DIRECTION AT ANY POINT ALONG | SLEEPING ROOMS 30 (PSF) HALL BE SEALED AT THE JUNCTURE WITH THE BUILDING WALL WITH A SEALANT COMPLYING WITH AAMA 800 OR ASTM C920 DESIGN SPECIFICATIONS FOR LIGHT WEIGHT METAL PLATE CONNECTED WOOD TRUSSES PER THE TRUSS PLATE INSTITUTE TPI LATEST EDITION. THE TOP. FOR A GUARD NOT REQUIRED HABITABLE ATTICS SERVED W/ LASS 25 GRADE NS OR GREATER FOR PROPER JOINT EXPANSION AND CONTRACTION, ASTM C1281, AAMA 812, OR OTHER PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH SPECIFIED LOADS AND GOVERNING CODES. TO SERVE AS A HANDRAIL, THE LOAD FIXED STAIRS PPROVED STANDARD AS APPROPRIATE FOR THE TYPE OF SEALANT. FLUID-APPLIED MEMBRANES USED AS FLASHING IN NEED NOT BE APPLIED TO THE TOP SUBMITTALS SHALL INCLUDE TRUSS FRAMING PLANS AND DETAILS SHOWING MEMBER SIZES, BRACING, ANCHORAGE, CONNECTIONS, TRUSS LOCATIONS, PASSENGER VEHICLE GARAGES | 50 (PSF) 2000 (LBS) XTERIOR WALLS SHALL COMPLY WITH AAMA 714. THE FLASHING SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL ELEMENT OF THE GUARD IN A AND PERMANENT BRACING AND/OR BRIDGING AS REQUIRED FOR ERECTION AND FOR THE PERMANENT STRUCTURE. EACH SUBMITTAL SHALL BE SIGNED DIRECTION PARALLEL TO SUCH ELEMENT AND SEALED BY A FLORIDA REGISTERED STRUCTURAL ENGINEER. SUBMIT 3 COPIES FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. APPROVED FLASHINGS SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS. BALUSTRADE AND PANELS FILLERS SHALL BE DESIGNED TO WITHSTAND A THE TRUSS MANUFACTURER SHALL DETERMINE ALL SPANS WORKING POINTS, BEARING POINTS, AND SIMILAR CONDITIONS. TRUSS SHOP DRAWINGS EXTERIOR WINDOW/DOOR OPENINGS. HORIZONTALLY APPLIED NORMAL LOAD OF 50 POUNDS ON AN AREA EQUAL TO 1 SQ. FT. SHALL SHOW ALL TRUSSES, ALL BRACING MEMBERS, AND ALL TRUSS TO TRUSS HANGERS. • INTERSECTION OF CHIMNEYS OR OTHER MASONRY CONSTRUCTION WITH FRAME WALLS. n. GLAZING USED IN HANDRAIL ASSEMBLIES AND GUARDS SHALL BE DESIGNED WITH A LOAD • UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL COPINGS AND SILLS. ADJUSTMENT FACTOR OF 4. THE LOAD ADJUSTMENT FACTOR SHALL BE APPLIED TO EACH OF THE **UPLIFT CONNECTORS CARE AND MAINTENANCE** ONCENTRATED LOADS APPLIED TO THE TOP OF THE RAIL, AND TO THE LOAD ON THE IN-FILL WHERE EXTERIOR PORCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OF WOOD-FRAME CONSTRUCTION. COMPONENTS. THESE LOADS SHALL BE DETERMINED INDEPENDENT OF ONE ANOTHER, AND AT WALL AND ROOF INTERSECTION. UPLIFT CONNECTORS SUCH AS HURRICANE CLIPS. TRUSS ANCHORS AND ANCHOR BOLTS ARE ONLY REQUIRED ON MEMBERS IN WALLS THAT ARE EXPOSED LOADS ARE ASSUMED NOT TO OCCUR WITH ANY OTHER LIVE LOAD. YEARLY MAINTENANCE AND INSPECTIONS BY THE BUILDER/HOMEOWNER ARE NECESSARY **BUILDER NOTICE:** TO UPLIFT OR LATERAL FORCES, INTERIOR LOAD BEARING WALLS ARE NOT ALWAYS EXPOSED TO UPLIFT FORCES. THE MEMBERS OF THESE WALLS WOULD WHERE THE TOP OF A GUARD SYSTEM IS NOT REQUIRED TO SERVE AS A HANDRAIL, THE SINGLE AT BUILT-IN GUTTERS. FOR THE FUTURE LIFE OF THIS HOME. CARE MUST BE TAKEN TO CHECK WINDOWS AND NOT NEED TO HAVE CONNECTORS APPLIED. PLEASE COORDINATE WITH THE TRUSS ENGINEER FOR THE LOCATION OF THESE WALLS, AND STRUCTURAL PLANS FOI CONCENTRATED LOAD SHALL BE APPLIED AT ANY POINT ALONG THE TOP, IN THE VERTICAL TOTAL SOLUTIONS GROUP DOORS FOR CAULKING. REMOVE LEAVES AND DEBRIS OFF ROOFS. MAKE SURE THAT WATER t is the intent of Designer/Engineer listed in the titleblock of these DOWNWARD DIRECTION AND IN THE HORIZONTAL DIRECTION AWAY FROM THE WALKING SURFACE R703 12 ADHERED MASONRY VENEER INSTALLATION FLOW IS AWAY FROM THE HOUSE AND HAVE YOUR HOME REPAINTED EVERY 3-5 YEARS. 258 Southhall Lane, Suite 200 documents that these documents be accurate, providing Licensed WHERE THE TOP OF A GUARD IS ALSO SERVING AS THE HANDRAIL, A SINGLE CONCENTRATED LOAD ADHERED MASONRY VENEER [OR STONE VENEER] - INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF SECTION TO PROTECT THE COATINGS. THE DESIGNER AND ENGINEER OF RECORD ARE NOT rofessionals clear information. Every attempt has been made to Maitland, Florida, 32751 SHALL BE APPLIED IN ANY DIRECTION AT ANY POINT ALONG THE TOP, CONCENTRATED LOAD SHALL R703.7.3 AND THE REQUIREMENTS IN SECTIONS 12.1 AND 12.3 OF TMS 402/ACI 530/ASCE 5. ADHERED MASONRY FIELD REPAIR NOTES RESPONSIBLE FOR THE UPKEEP OF THE HOME AND WILL NOT BE HELD LIABLE FOR NOT BE APPLIED CONCURRENTLY. ANOTHER, AND LOADS ARE ASSUMED NOT TO OCCUR WITH ANY prevent error. The Builder and all subcontractors are required to (407) 880 2333 VENEER SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R703.7.1, ARTICLE 3.3C OF TMS 602/ACI 530.1/ASCE 6 INSTANCES THAT MAY OCCUR OVER THE NORMAL LIFE OF THE HOME WITHOUT PROPER OTHER LIVE LOAD. eview all the information contained in these documents, prior to MISSED "J" BOLTS FOR WOOD BEARING WALLS MAY BE SUBSTITUTED WITH 1/2" DIA. EPOXY ANCHORS WITH 7" EMBEDMENT. SIMPSON "SET" EPOXY OR THE MANUFACTURER'S INSTRUCTIONS. he commencement of any work. The Designer/Engineer are not ADHESIVE BINDER FOLLOWING ALL MANUFACTURER'S RECOMMENDATIONS OR SIMPSON 1/2" TITEN HD BOLTS WITH MINIMUM 7" EMBEDMENT. SEE responsible for any plan errors, omissions,or misinterpretations EXTERIOR CEILING LATH ATTACHMENT PLAN FOR EMBEDMENT DEPTH AT FLOOR STEPS. 100% Employee Owned undetected and not reported to the Designer / Engineer prior to FOR MISSED VERT. DOWELS, DRILL A 3/4" DIAMETER HOLE 6" DEEP AT THE LOCATION OF THE OMITTED REBAR AND INSTALL A 32" LONG #5 BAR INTO PER THE ASTM C 1063 myTSGhome.com onstruction. All construction MUST be in accordance to the THE EPOXY FILLED HOLE. USE A TWO PART EMBEDMENT EPOXY (SIMPSON HIGH STRENGTH EPOXY-TIE ANCHORING ADHESIVE) MIXED PER THE MFGR'S 7.10.2.2 DIAMOND-MESH EXPANDED METAL LATH, FLAT-RIB EXPANDED METAL LATH, AND WIRE LATH SHALL BE **GENERAL NOTES:** formation found in these documents. Any questions regarding the INSTRUCTIONS. ASSURE THAT ALL DUST AND DEBRIS FROM DRILLING ARE REMOVED FROM THE HOLE BY BRUSHING AND USING COMPRESSED AIR ATTACHED TO HORIZONTAL WOOD FRAMING MEMBERS WITH 1½-IN. (38.1-MM) ROOFING NAILS DRIVEN FLUSH WITH formation found in these plans should be directed to our Quality PRIOR TO APPLYING THE EPOXY. ALLOW THE EPOXY TO CURE TO THE MANUFACTURER'S SPECIFICATIONS, THEN FILL THE CELL IN THE NORMAL WAY \\DAMS HOMES THE PLASTER BASE AND ATTACHED TO VERTICAL WOOD FRAMING MEMBERS WITH 6D COMMON NAILS. OR 1-IN. ssurance Manager immediately. No backcharges will be considered DURING BOND BEAM POUR. 25-MM) ROOFING NAILS DRIVEN TO A PENETRATION OF NOT LESS THAN 3/4 IN. (19.1 MM), OR 1-IN. (25-MM) WIRE 2. WINDOW AND DOOR SUPPLIERS SHALL PROVIDE ROUGH OPENING INFO WHICH SHALL HAVE PRECEDENCE OVER THE PLAN. or reimbursement by the Designer/Engineer without advanced 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. STAPLES DRIVEN FLUSH WITH THE PLASTER BASE. STAPLES SHALL HAVE CROWNS NOT LESS THAN $3\!\!4$ IN. (19.05 MM 3. CABINET MFRS. SHOP DRAWINGS SHALL HAVE PRECEDENCE OVER THE INTERIOR CABINET ELEVATIONS IF SHOWN. notification and approval by the Designer/Engineer TO FOOTING) AND SHALL ENGAGE NOT LESS THAN THREE STRANDS OF LATH AND PENETRATE THE WOOD FRAMING MEMBERS NOT FLORIDA CONTRACTORS LICENSE NO. CRC13301 4. DO NOT SCALE PLANS. DIMENSIONS ARE TO BE FOLLOWED AS INDICATED Payments will be made in accordance to the terms of the agreement. MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED WITH (1) SIMPSON MTSM16 TWIST STRAP W/ (4) 1/4"x 21/4" TITENS TO LESS THAN ¾ IN. (19.05 MM). WHEN METAL LATH IS APPLIED OVER SHEATHING, USE FASTENERS THAT WILL 5. ALL GLASS LOCATED IN HAZARDOUS LOCATIONS SHALL COMPLY WITH SECTION R308 OF THE FLORIDA BUILDING CODE 8TH EDITION (2023) RESIDENTIAL **100 WEST GARDEN STREET** MASONRY AND (7)-10d NAILS TO TRUSS FOR UPLIFTS LESS THAN 860 LBS (USE (2) MTSM16 FOR UPLIFTS LESS THAN 1720#). IF CORNER STRAP IS PENETRATE THE STRUCTURAL MEMBERS NOT LESS THAN 3/4 IN. (19 MM). MISSED CONTRACTOR TO INSTALL (2) SIMPSON HGAM10 W/ (4) 1/4" x 1 1/2" SDS SCREWS AND (5) 1/4" x 2 1/4" TITENS ONE EACH SIDE OF TRUSS. **CONTROL OF CONSTRUCTION SITE:** CODE REFERENCES ARE SUMMARIES OF CODE SECTIONS. SEE PENSACOLA FL 32502 .10.2.3 EXPANDED 3/8 IN. (9.5 MM) RIB LATH SHALL BE ATTACHED TO HORIZONTAL AND VERTICAL WOOD FRAMING FBCR (CURRENT VERSION) FOR COMPLETE CODE INFORMATION NO MORE THAN 10 STRAPS MAY BE SUBSTITUTED OR NO MORE THAN 3 IN A ROW WITHOUT APPROVAL FROM EOR. IF GIRDER TRUSS CONNECTIONS ARE THE DESIGNER/ARCHITECT AND ENGINEER OF RECORD (EOR) HAVE NO CONTROL OVER THE CONSTRUCTION SITE AND SHALL NOT BE RESPONSIBLE IN ANY MANNER FOR CONTROL OF THE MEMBERS WITH NAILS OR STAPLES TO PROVIDE NOT LESS THAN 13/4-IN. (44.5-MM) PENETRATION INTO HORIZONTAL **DIVISION LOCATION:** MISSED, CONTACT THE EOR FOR SUBSTITUTION. CONSTRUCTION SITE INCLUDING. BUT NOT LIMITED TO, SCHEDULING AND SEQUENCING OF WORK, JOBSITE SAFETY, AND VENTILATION OF THE BUILDING AND THEREBY SHALL NOT BE NOOD FRAMING MEMBERS, AND 3/4-IN. (19.1-MM) PENETRATION INTO VERTICAL WOOD FRAMING MEMBERS. GAINESVILLE RESPONSIBLE FOR THE INDOOR AIR QUALITY, OR THE EFFECTS THEREOF, FOR ANY REASON WHATSOEVER, THE DESIGNER/ARCHITECT AND FOR HAS NO DUTY TO PROTECT, WITHOUT LIMITATION THE RESIDENCE CONSTRUCTION SITE MATERIALS OR FOUIPMENT FROM MOISTURE MOLD FUNGUS FIRE THEFT VANDALISM TRESPASS OR ANY OTHER PERIL OR CONDITION AT ANY TIME 1.10.2.4. COMMON NAILS SHALL BE BENT OVER TO ENGAGE NOT LESS THAN THREE STRANDS OF LATH OR BE BENT SCAN OR CODE FOR THE IF MISSED, MSTAM36 OR MSTAM40 STRAP IS MISSED FOR 2ND FLOOR JAMB STUD CONNECTION, CONTRACTOR MAY INSTALL SIMPSON HTT5 w/ (26) EXPRESSLY INCLUDING, BUT NOT LIMITED TO, THE PERIOD OF TIME BEFORE CONSTRUCTION, DURING THE CONSTRUCTION OF THE PROJECT, OR AFTER CONSTRUCTION AND THE DESIGNER/ OVER A RIB WHEN RIB LATH IS INSTALLED. COMPLETE FBCR —— 16d x 2-1/2" NAILS AND 5/8" ANCHOR BOLT SET IN SIMPSON HIGH STRENGTH EPOXY W/ MIN 12" EMBEDMENT AND MIN 3" EDGE DISTANCE, CONTACT ARCHITECT AND EOR HAS NO DUTY TO TAKE ANY ACTION OR PREVENTIVE MEASURES TO PROTECT SUCH PROPERTY AGAINST ANY SUCH PERIL AT ANY EOR IF STRAPS ARE MISSED UNDER GIRDER JAMB STUD LOCATIONS. 1.10.2.5. SCREWS USED TO ATTACH METAL PLASTER BASE TO HORIZONTAL AND VERTICAL WOOD FRAMING MEMBERS SHALL PENETRATE NOT LESS THAN 5⁄8 IN. (15.9 MM) INTO THE MEMBER WHEN THE LATH IS INSTALLED AND SHALL ENGAGE NOT LESS THAN THREE STRANDS OF LATH. WHEN INSTALLING RIB LATH, THE SCREW SHALL PASS THROUGH, COASTAL FLASHINGS: ALL FLASHING MATERIAL FOR COASTAL LOCATIONS (EX: WITHIN 3,000 FEET OF THE OCEAN) SHALL BE CORROSION RESISTANT MATERIAL (EX: ZINC AND/OR STAINLESS STEEL) AND SHALL BE SELECTED FOR COMPATIBILITY WITH ADJACENT WOOD PRESERVATIVES PER THE MANUFACTURER'S RECOMMENDATIONS. **DAMS HOMES** MASTER REVISIONS DESCRIPTION LOT: BLK: SEC: SUB: ▼ Model Name / Number: 1101 GULFBREEZE PARKWAY SUITE 229 GULFBREEZE, FLORIDA 32561-4858 ▼ Plan Issue Date: Thursday, February 13, 2025 **MODEL 2169** ▼ KA PROJECT NUMBER: **25-01340** COVER SHEET





BEARING INTERIOR WALL DETAIL

(GEN	IERAL NOTES
OOR PLAN FOR WALL	SIZE	ASSUME 2x/LSTUDS LISED

2. ALL STRUCTURAL LUMBER TO BE SYP #1 OR SPT #2 UNO ON PLAN.
3. CONNECTIONS TO BE INSTALLED TO EACH STUD AS INDICATED
4. CONTACT E.O.R. IF SP4'S SP6'S OR SP8'S CONNECTORS ARE SUBSTITUTED, TO VERIFY
THEY MEET THE STRUCTURAL REQUIREMENTS
5. IF "BW" IS INDICATED ON SECOND FLOOR BASE CONNECTIONS FOR 2nd FLOOR TO
FIRST FLOOR CONNECTIONS. (NOTE: THIS IS FOR 2 STORY PROJECTS ONLY)
6. IF "SW" IS INDICATED THE WALL IS CONSIDERED A SHEARWALL AND REQUIRES MIN.
7/16" OSB PLYWOOD W/ 8d NAILS AT 4" O.C. IN HELD AND EDGE TO (1) SIDE OF WALL
7. ALL 2x EXTERIOR WALLS W/ EXTERIOR SHEATHING ATTACHED PER NAILING SCHEDULE
ACT AS SHEARWALLS. SEE PLAN AND WALLS SECTIONS FOR STUD SPACING AND GRADE
8. IF THE BEARING WALL IS INDICATED WITH THE BW1. BW4, BW7, BW10 THESE WALLS ARE
ONLY SUPPORTING THE FLOOR LOAD AND DO NOT HAVE UPLIFT, THE STUDS ARE TOE
NAILED TO THE PLATE AND THE 2x PLATE CAN BE ATTACHED WITH HARD CASED NAILS
(GUN NAILS) AND WILL NOT REQUIRE THE ANCHOR BOLT ATTACHMENT INDICATED IN THE
BEARING WALL SCHEDULE.

COLUMN SCHEDULE			
MARK	COLUMN SIZE	(BASE) CONN. & FASTENER	UPLIFT(L
C1	(3) 2 x 4 #2 SPF	(4) 16d TOENAILS	0
C2	(3) 2 x 4 #2 SPF	DTT2Z W/ 1/2" WEDGE ANCHOR* & (8) 1/4" X 1 1/2" SDS SCREWS	2145
С3	(3) 2 x 4 SYP #1 -OR-	(4) - 16d TOENAILS	0
C4	(4) 2 x 4 SPF #2	DTT2Z W/ 1/2" WEDGE ANCHOR* & (8) 1/4" X 1 1/2" SDS SCREWS	2145
C5	4 x 4 P.T.#2 SYP POST	ABU44 W/ 5/8" ATR** & (12) - 16d NAILS	G = 6669 U = 2200
C6	6 x 6 P.T. #2 SYP POST	ABU66 W/ 5/8" ATR** & (12) 16d NAILS	G = 1200 U = 2300
C7	8 x 8 P.T. #2 SYP POST	ABU88 W/ (2) - 5/8" ATR** & (18) - 16d NAILS	G = 2433 U = 2320
C8	3.5 x 3.5 P.L. 1.8E Fb=2400 PSI (WOLMANIZED IF EXT.)	HDU5-SDS2.5 W/ (14) 1/4" x 2 1/2" SDS WS & 5/8" EPOXY ANCHOR, OR ATR+*	5645
C 9	3.5 x 5.25 P.L. 1.8E Fb=2400 PSI (WOLMANIZED IF EXT.)	HDU5-SDS2.5 W/ (14) 1/4" x 2 1/2" SDS WS & 5/8" EXOPY ANCHOR, OR ATR*+	5645
C10	3.5 x 7 P.L. 1.8E Fb=2400 PSI (WOLMANIZED IF EXT.)	HDU8-SDS2.5 W/ (20) 1/4" x 2 1/2" SDS WS & 7/8" EPOXY ANCHOR, OR ATR***	6970
C11	5.25 x 5.25 P.L. 1.8E Fb=2400 PSI (WOLMANIZED IF EXT.)	HDU8-SDS2.5 W/ (20) 1/4" x 2 1/2" SDS WS & 7/8" EPOXY ANCHOR, OR ATR***	7870
C12	7 x 7 P.L. 1.8E Fb=2400 PSI (WOLMANIZED IF EXT.)	HDU8-SDS2.5 W/ (20) 1/4" x 2 1/2" SDS WS & 7/8" EPOXY ANCHOR, OR ATR+*+	7870

SEE FLOOR PLAN FOR WALL WIDTH. STUD PACKS TO MATCH WALL WIDTH UNO
 ALL STRUCTURAL LUMBER TO BE SYP #1 OR SPF #2 UNO ON PLAN.
 NAIL BUILT UP STUDS PER DETAIL WF37

. MINIMUM BOLT EMBEDMENT: 5" EMBEDMENT FOR 1/2" ATR 6" EMBEDMENT FOR 5/8" ATR

5.25" x 7" P.L. 1.8E

Fb=2400 PSI

8" EMBEDMENT FOR 7/8" ATR
5. IF [C] COLUMN IS INDICATED ON SECOND FLOOR, THE BASE CONNECTION IS NOT REQUIRED. (SEE INDICATED CALL OUT ON PLAN FOR ATTACHMENT)
5. SEE WOOD CONSTRUCTION NOTE #4 ON COVER SHEET FOR CORROSION INFORMATION
6. SAME NOMINAL SIZE PARALLAM COLUMNS (1.8E) MAY BE SUBSTITUTED FOR ANY P.T. SYP POST NOTED IN THE PLANS

GENERAL COLUMN NOTES

HDU8-SDS2.5 W/ 7/8" ATR AND (20)

1/4" x 1/5" SDS WOOD SCREWS

P.I. SYP POST NOTED IN THE PLANS				
COMMON NAIL vs. PNEUMATIC GUN NAILS:				
COMMON NAIL	DIA. / LENGTH	PNEUMATIC GUN NAIL DIALENGTH	COMMON vs. GUN NAIL SPACING	APP LICATION
8d	0.131" X 2 ½"	0.131" X 2 ½"	SEE PLAN RING SHANK ON ROOF	SHEATHING ROOF & WALLS
10d OR 12d	0.148" X 3" 0.148" X 3 1/4"	0.131" X 3" 0.131" X 3 ¼"	SEE PLAN	BLOCKING & TO NAILS & TOP PL
12d	0.148" X 3 ¹ / ₄ "	0.131" X 3 '/4"	8" 0.C.(COMMON) 6" 0.C.(GUN NAIL)	STUD WALL CORNERS
10d	0.148" X 3"	0.131" X 3"		STUD PACK COLUMNS
16d	0.162" X3%"	0.131" X 3 74"	(2) 16D(COMMON) (3) 16D (GUN NAILS)	SEE PLAN
	•	<u> </u>	•	

HEADER SCHEDULE (IF USED. SEE DET. "HDR" ON SHEET S-2 FOR ENERGY STAR INSULATION ON HEADERS)					
MARK	HEADER SIZE		REMARKS		
H1>	(2) - 2X6 #2 SYP W/ 1/2" FLITCH PLATE		SEE GENERAL HEADER NOTE #5 THIS SHEET		
H2	(2) - 2X8 #2 SYP W/ 1/2" FLITCH PLATE		SEE GENERAL HEADER NOTE #5 THIS SHEET		
H3	(2) - 2X10 #2 SYP W/ 1/2" FLITCH PLATE		SEE GENERAL HEADER NOTE #5 THIS SHEET		
H4	(2) - 2X12 #2 SYP W/ 1/2" FLITCH PLATE		SEE GENERAL HEADER NOTE #5 THIS SHEET		
(H5)	(2) - 1 3/4" X 11 1/4 LVL 2.0E Fb=2600 PSI		ATTACH TOGETHER W/ (2) ROWS 1/4" X 3 1/2" SDS WD SCREWS @ 16" 0.C. TYP. EACH SIDE		
H6	(2) - 1 3/4" X 9 1/4 LVL 2.0E Fb=2600 PSI		ATTACH TOGETHER W/ (3) ROWS 1/4" X 3 1/2" SDS WD SCREWS @ 16" 0.C. TYP. EACH SIDE		
HEADER SUPPORT NO. OF JACKS & STUDS REQ. AT OPENINGS					
OPENING 2x4 W/		/ALL	L 2x6 OR 2x8 WALL		
SIZE JACKS EA. END		KINGS EA. END	JACKS EA. END	KINGS EA. END	
1'-0" - 3	1'-0" - 3'-11" (1)		(2)	(1)	(2)
4'-0" - 9'-11" (2)		(3)	(2)	(2)	
10'-0" -	16'-0"	(3)	(4)	(3)	(4)
OENERAL LIEADER MOTEO					

GENERAL HEADER NOTES

VERIFY W/ PLAN CORRECT LENGTH OF HEADER REQUIRED
 IF HEADER IS ON THE 1st FLOOR SEE PLAN FOR BEARING WALL TYPE AND FOLLOW INSTRUCTIONS WITHIN BEARING WALL SCHEDULE FOR REQUIRED CORRECTIONS UNO ON PLAN
 IF HEADER IS ON THE 2nd FLOOR SEE PLAN FOR INDICATED HEADER CONNECTION FOR REQUIRED CONNECTIONS.
 ALL HEADER JACK AND KING STUDS SHALL BE FASTENED TO EACH PER DETAIL WEST

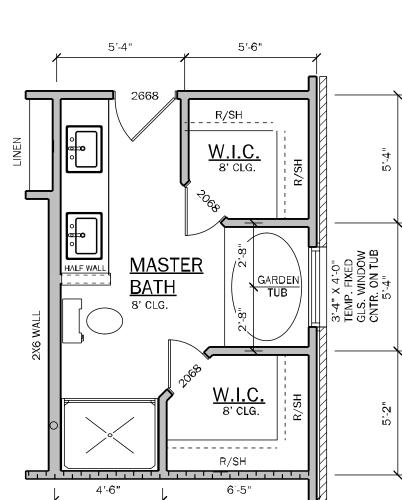
ALL HEADER JACK AND KING STUDS SHALL BE FASTENED TO EACH PER DETAIL WF37.
 FASTEN ALL MULT-PLY HEADERS TOGETHER W/ (2) ROWS 12d COMMON NAILS AT 12" o.c. ALONG EACH EDGE OR (3) ROWS IF 2x10 OR LARGER.
 FASTEN ALL HEADERS TO KING STUDS WITH (3) 12d TOENAILS PER SIDE 7. IF HEADER IS NOT SPECIFIED CONTACT E.O.R.

	BEAM SCH	IEDULE
MARK	BEAM SIZE	CONNECTIONS
BM1>	(2) 2 x 8 #2 SYP W/ 7/16" OSB FLITCH PLATE. NAIL BEAM TOGETHER USING (2) ROWS OF 12d NAILS @ 12" O.C. TYP EACH SIDE	CONNECTION: PROVIDE (2) SIMPSON LSTA18 OR (2) SIMPSON HTS20 TO WOOD POST OR (2) SIMPSON HETA16 TO CMU COL. U.N.O. ON ROOF PLAN.
BM2	(2) - 2 x 10 #2 SYP W/ 7/16" OSB FLITCH PLATE. NAIL BEAM TOGETHER USING (2) ROWS OF 12d NAILS @ 12" O.C. TYP EACH SIDE	CONNECTION: PROVIDE (2) SIMPSON LSTA24 OR (2) SIMPSON HTS20 TO WOOD POST OR (2) SIMPSON HETA16 TO CMU COL. U.N.O. ON ROOF PLAN.
ВМЗ	(2) - 2 × 12 #2 SYP W/ 7/16" OSB FLITCH PLATE. NAIL BEAM TOGETHER USING (2) ROWS OF 12d NAILS @ 12" O.C. TYP EACH SIDE	CONNECTION: PROVIDE (2) SIMPSON LSTA24 OR (2) SIMPSON HTS20 TO WOOD POST OR (2) SIMPSON HETA16 TO CMU COL. U.N.O. ON ROOF PLAN.
BM4	(2) - 1 3/4" × 11 1/4" LVL 2.0E Fb=2600 PSI. NAIL BEAM TOGETHER USING (2) ROWS 1/4" × 3 1/2" SDS WOOD SCREWS @ 16" O.C. TYP. EACH SIDE.	CONNECTION: PROVIDE (2) SIMPSON LSTA24 OR (2) SIMPSON HTS20 TO WOOD POST OR (2) SIMPSON HETA16 TO CMU COL. U.N.O. ON ROOF PLAN.
BM5	(2) - 1 3/4" x 11 7/8" LVL 2.0E Fb=2600 PSI. NAIL BEAM TOGETHER USING (2) ROWS 1/4" x 3 1/2" SDS WOOD SCREWS @ 16" O.C. TYP. EACH SIDE	CONNECTION: PROVIDE (2) SIMPSON LSTA24 OR (2) SIMPSON HTS20 TO WOOD POST OR (2) SIMPSON HETA16 TO CMU COL. U.N.O. ON ROOF PLAN.
ВМб	(2) - 1 3/4" × 16" LVL 2.0E Fb=2600 PSI. NAIL BEAM TOGETHER USING (2) ROWS 1/4" × 3 1/2" SDS WOOD SCREWS @ 16" O.C. TYP. EACH SIDE	CONNECTION: PROVIDE (2) SIMPSON LSTA24 OR (2) SIMPSON HTS20 TO WOOD POST OR (2) SIMPSON HETA16 TO CMU COL. U.N.O. ON ROOF PLAN.

GENERAL BEAM NOTES

. VERIFY WITH PLAN CORRECT LENGTH OF BEAMS REQUIRED (MIN. 4" BEARING EACH END)
. SEE PLAN FOR TOP OR BOTTOM OF BEAM INDICATIONS
. BEAMS ARE NOT TO BE DRILLED OR NOTCHED IN ANY WAY WITHOUT

WRITTEN APPROVAL FROM THE E.O.R.



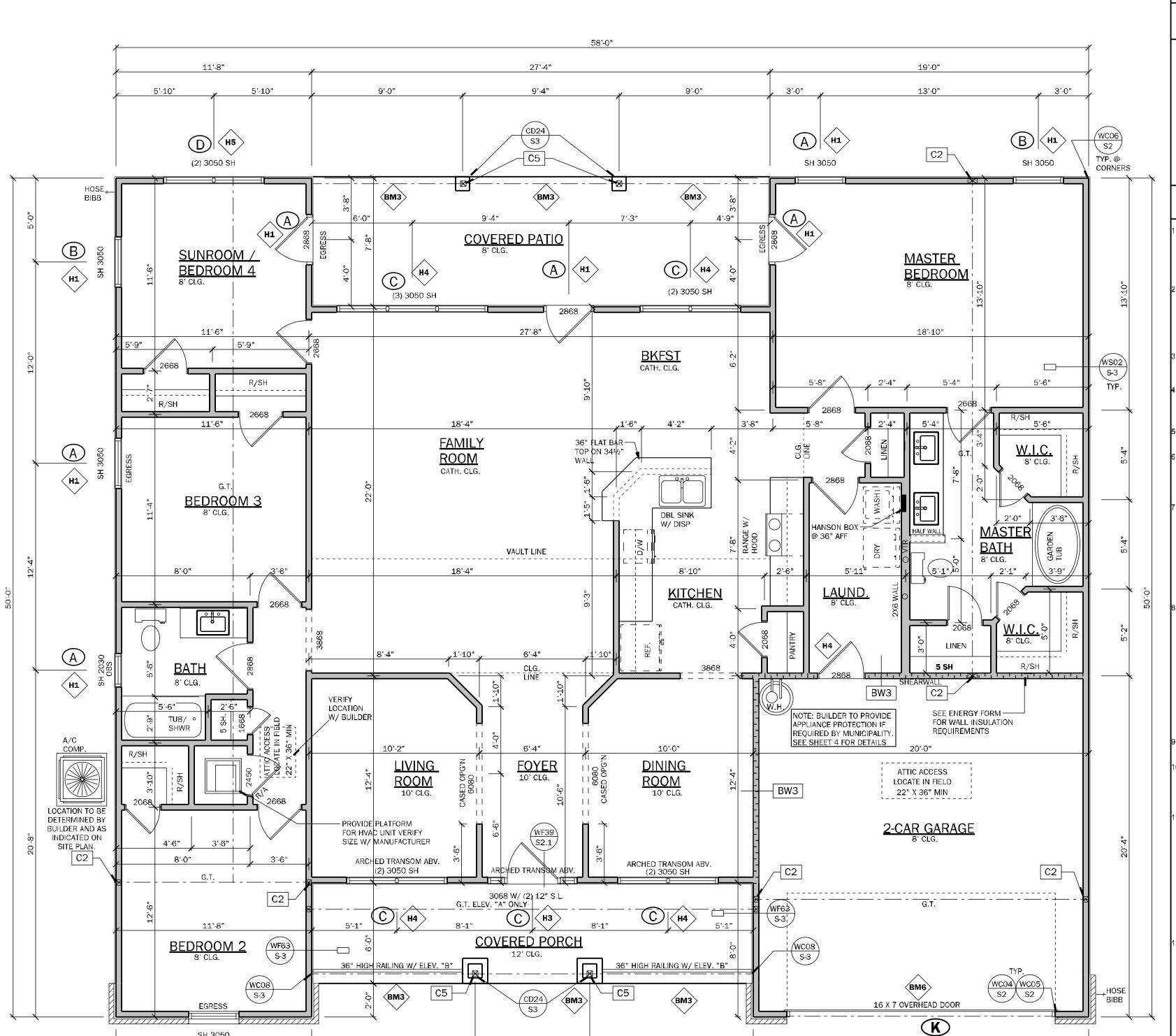
Y N MASTER BATH OPT.

3'-4" X 4'-0" TEMP. FIXED
GLS. WINDOW CNTR. ON TUB

4030 TILE SHOWER IN LIEU OF LINEN CLOSET W/ (1) L.E.D. DISC LT

 \mathbb{B}

OPT. FLOOR PLAN



FLOOR PLAN
SCALE: 1/4" = 1'-0"
ELEVATION "CR"

20'-0"

NOTE:

INDICATES OPENINGS WIND PRESSURES. SEE WIND LOADING CRITERIA ON COVER SHEET FOR INFORMATION.

WALL LEGEND

FRAMED WALL

BEARING FRAME WALL

FRAMED WALL W/ BRICK VENEER

FRAMED WALL W/ SIDING OR STUCCO

GENERAL NOTES

1. R302.6 (table 302.6) If water based ceiling texture material is used, Provide ½" gypsum board for 16" O.C. Framing, or 5/8" gypsum board for 24" O.C. Framing. Note ½" sag-resistant gypsum board may be used I.L.O. 5/8" gypsum board. 5/8" type "X" gypsum board must be installed on garage ceiling beneath habitable room(s).

R302.5.2 Duct Penetration. Ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum No. 26 gage (0.48 mm) sheet steel, 1 inch minimum rigid nonmetallic class 0 or class 1 duct board, or other approved material and shall not have openings into the garage.

 R302.5.1 Door from garage into house must be a minimum 1 3/8" solid wood door, solid or honeycombcore steel door, or 20 Minute fire rated door.

4. R302.7 Enclosed space under stairs that is accessed by a door or access panel shall have walls, under-stair surface and any soffits protected on the enclosed side with 1/2" gypsum board.

Outdoor swimming pools shall be provided with a barrier complying with R4501.17.1.1 through R4501.17.1.14.

 Bathroom exhaust fans must vent to the exterior of the building, exhaust to attic space and soffits is not acceptable. Ventilation shall be permitted to exit through the soffit if solid soffit is installed 5'-0" on each side of the venting.

R302.6 The garage shall be separated from the residence and it's attic as required by Table R302.6. From the residence and attics by not less than 1/2-inch (12.7mm) gypsum board applied to the garage side. Garage beneath rooms shall be separated from all habitable rooms above by not less than 5/8 inch (15.9mm) type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also protected by not less than 1/2 inch (12.7mm) gypsum board or equivalent.

R312.2.1Window sills. In dwelling units, where the bottom of the clear opening of an operable window opening is located less than 24 inches (610 mm) above the finished floor and greater than 72 inches (1829 mm) above the finished grade or other surface below on the exterior of the building, the operable window shall comply with one of the following:

Operable windows with openings that will not allow a 4-inch diameter (102 mm) sphere to pass through the opening where the opening is in its largest opened position.

 Operable windows that are provided with window fall prevention devices that comply with ASTM F2090.
 Operable windows that are provided with window opening control devices that comply with Section R312.2.2.

R308.4.2 All windows within 2'-0" of doors and in shower or tub areas will be safety tempered glass.

 EC: R402.2.4 Vertical or horizontal access doors from conditioned spaces to unconditioned spaces such as attics and crawl spaces shall be weatherstripped and insulated to a level equivalent to the insulation on the surrounding surfaces

1. M1502.4.5 Duct length
The maximum allowable exhaust duct length shall be determined by one of the methods specified in sections M1502.4.5.1 through M1502.4.5.3

M1502.3 Duct termination.
Exhaust ducts shall terminate on the outside of the building. Exhaust duct terminations shall be in accordance with the dryer manufacturer's installation instructions. If the manufacturer's instructions do not specify a termination location, the exhaust duct shall terminate not less than 3 feet (914 mm) in any direction from openings into buildings including openings in ventilated soffits. Exhaust duct terminations shall be equipped with a backdraft damper. Screens shall not be installed at the duct termination.

2. Porch Ceilings: (See plan for the following options)
Option 1. Gypsum:
½" exterior gypsum soffit board shall be attached to all
framing members with 2x blocking provided at perimeter
and panel edges.
The gypsum board shall be attached w/ Type "W" 1¼"
drywall screws at 8" O.C. in filed and edges.

Option 2. Plaster Base: 7/16" OSB on underside of roof trusses shall be attached to all framing members with 2x blocking provided at perimeter and panel edges. The OSB shall be attached w/ 8d nails at 6" O.C. field and 4" O.C. at edges or 7d screw shank 3" O.C. field and 4" edges.

3. Energy Code Compliance Path is Performance Based Path Code cycle is FBC 2023 8th Edition.

* ALL INTERIOR AND EXTERIOR
WALL FRAMING, INCLUDING
FURRING STRIPS ON CMU WALLS,
TO BE SPACED AND 16" O.C. (U.N.O.)

AREA CALCULATIONS

FLOOR	2166 S.F.
TAL LIVING (AC)	2166 S.F.
RAGE	418 S.F.
VERED ENTRY (BASE)	155 S.F.
VERED PATIO/LANAI	204 S.F.
TAL AREA UNDER ROOF	2943 S.F.

COUNTY SEAL

To the best of the Engineer's knowledge, information and belief, the structural plans and specifications contain within these drawings comply with the 2023 Florida Building Code- Residential 8th Edition. Engineer's signature and seal is only for the structural engineeringportions of the drawing pages bearing engineer's signature and seal.

TOTAL SOLUTIONS GROUP

AA26003118

AA26003118

AA26003118

100% Employee Owned myTSGhome.com

258 Southhall Lane, Suite 200

Maitland, Florida, 32751

FLORIDA CONTRACTORS LICENSE NO. CRC13301
100 WEST GARDEN STREET
PENSACOLA FL 32502

GAINESVILLE

▼ Job Information:

TORY

1.13

...
C.:
B.PRESERVE AT L.
SW BELLFLOWER I

Model Name / Number:

2169

Thursday, February 13, 2025

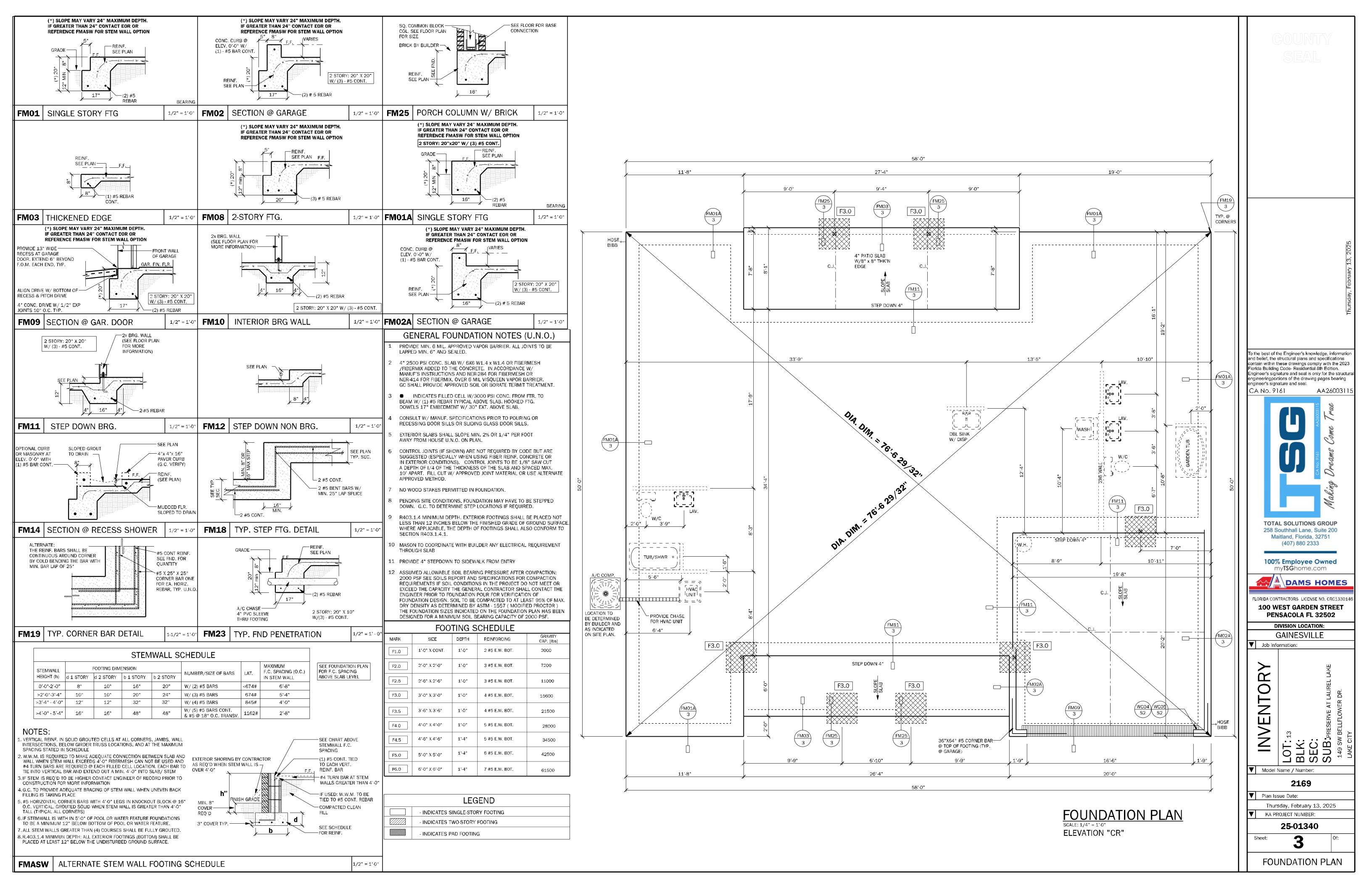
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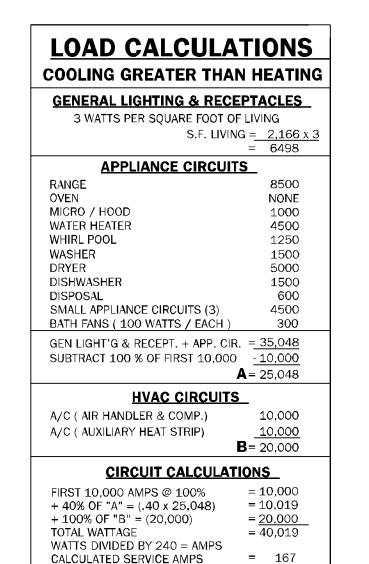
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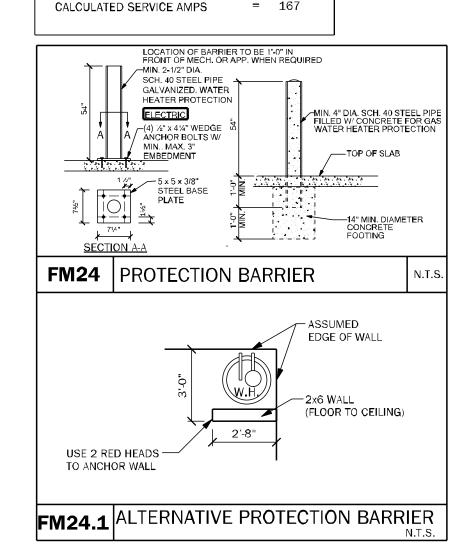
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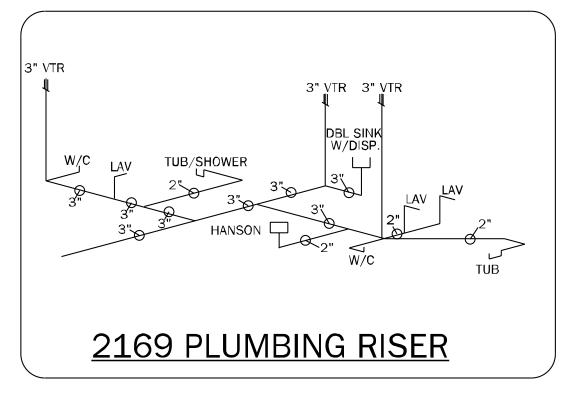
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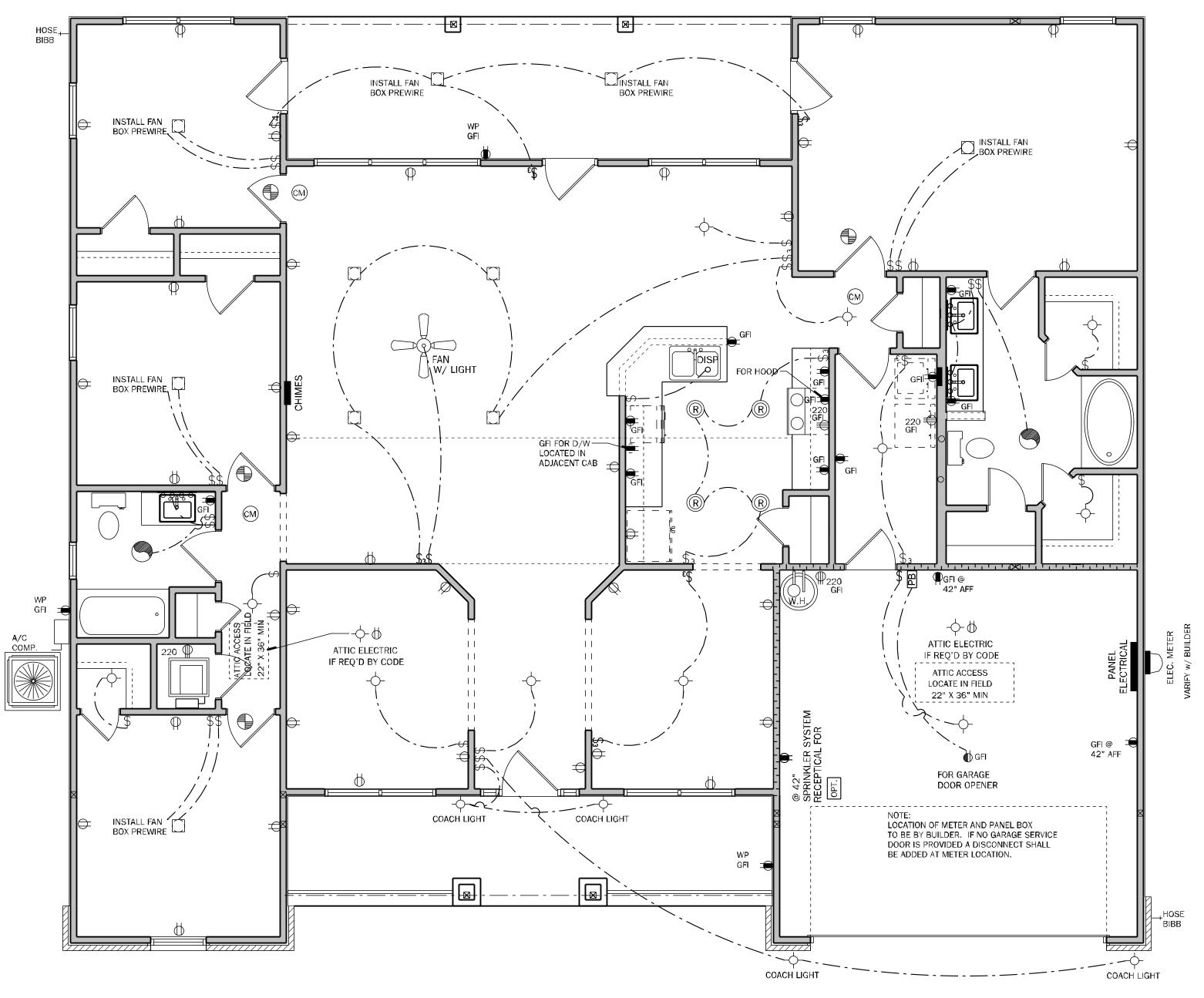
FLOOR PLAN











ELECTRICAL PLAN ELEVATION "CR"

ELECTRICAL NOTES: UNLESS OTHERWISE NOTED.

1. ELECTRICAL OUTLET HEIGHTS AS MEASURED FROM FINISHED FLOOR TO CENTER LINE OF THE BOX TO BE: 16' AI (GENERAL). IN A FLOOD ZONE, ALL ELECTRICAL EQUIPMENT TO BE AT OR ABOVE DFE.

BATHROOM 39" AFF LAUNDRY ROOM 36" AFF EXTERIOR WATERPROOF 12" AFF

GARAGE GENERAL PURPOSE 42" AFF

2. ALL TRIM PLATES AND DEVICES TO BE GANGED, WHERE POSSIBLE.

3. ELECTRICAL SWITCHES TO BE AT 42" CENTERLINE ABOVE FINISHED FLOOR. 4. ELECTRICAL PLAN IS INTENDED FOR BID PURPOSES ONLY. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC), LATEST EDITION, BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL BE RESPONSIBLE FOR THE INSTALLATION & SIZING OF ALL ELECTRICAL, WIRING & ACCESSORIES. 5. SMOKE ALARMS SHALL COMPLY WITH NFPA 72 AND SECTION R314 AND SHALL BE LISTED IN ACCORDANCE WITH

UL 217. COMBINATION SMOKE AND CARBON MONOXIDE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217

6. PROVIDE AFCI'S (ARC-FAULT CIRCUIT INTERRUPTERS) COMBINATION TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUITS IN ALL DWELLING UNITS PER NFPA 70 (CURRENT EDITION) AND THE NEC AND AS DEFINED IN

7. PROVIDE TAMPER RESISTANT RECEPTACLES AS REQUIRED BY THE NFPA 70 (CURRENT EDITION).
8. CARBON MONOXIDE PROTECTION: CARBON MONOXIDE ALARMS OR DETECTORS SHALL BE INSTALLED IN ALL

DWELLING UNITS IN ACCORDANCE WITH FBC R315 AND NFPA 70. SUCH DEVICES SHALL BE LISTED BY THE APPROPRIATE STANDARD, EITHER ANSI/UL 2034, STANDARD FOR SINGLE AND MULTIPLE STATION CO ALARMS OR L 2075, GAS AND VAPOR DETECTOR SENSOR, ACCORDING TO THE INSTALLATION. 9. R315.1.2 COMBINATION ALARMS: COMBINATION SMOKE/CARBON MONOXIDE ALARMS SHALL BE LISTED AND LABELED BY A NATIONALLY RECOGNIZED TESTING LABORATORY.

10. KEEP ALL SMOKE DETECTORS MINIMUM OF 36" FROM BATHROOM DOORS. 1. IN NEW CONSTRUCTION, SMOKE DETECTORS SHALL BE HARDWIRED INTO AN A/C ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORED BATTERY BACKUP.

. L2. BATHROOM EXHAUST FANS MUST VENT TO THE EXTERIOR OF THE BUILDING, VENTILATION TO ATTIC SPACE AND SOFFITS IS NOT ACCEPTABLE. 13. CHAPTER 45 PRIVATE SWIMMING POOLS — OUTDOOR SWIMMING POOLS SHALL BE PROVIDED WITH A BARRIER COMPLYING WITH R4501.17.1.1 THROUGH R4501.17.1.14.

14. ADD GFCI PROTECTION TO RECEPTACLES IN LAUNDRY ROOMS AND UTILITY ROOMS OF DWELLINGS WHERE

INSTALLED WITHIN 6' OF THE OUTSIDE EDGE OF A SINK. THIS WOULD INCLUDE THE RECEPTACLE INSTALLED FOR A WASHING MACHINE. RECEPTACLE OUTLETS SHALL NOT BE REQUIRED ON A WALL DIRECTLY BEHIND A RANGE OR SINK TO FULFILL THE REQUIREMENT OF AN OUTLET EVERY 24". THE WIDTH OF THE SINK OR RANGE IS NOT TO BE INCLUDED IN THE SPACING OF THE OUTLETS UNLESS THE DISTANCE FROM THE SINK OR RANGE IS GREATER THAN 12" FOR STRAIGHT COUNTER TOPS AND 18" FOR SINKS AND RANGES INSTALLED IN CORNER COUNTERS. 15. WHERE MORE THAN ONE SMOKE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING UNIT N ACCORDANCE WITH SECTION R314.3, THE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL DWELLING UNIT. PHYSICAL INTERCONNECTION OF SMOKE ALARMS SHALL NOT BE REQUIRED WHERE LISTED WIRELESS ALARMS ARE INSTALLEI AND ALL ALARMS SOUND UPON ACTIVATION OF ONE ALARM.

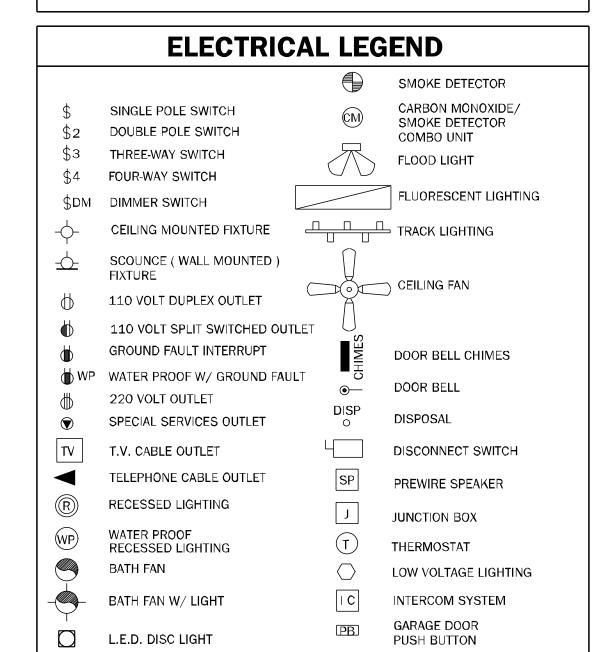
16. FOR ONE- AND TWO-FAMILY DWELLING UNITS, ALL SERVICE CONDUCTORS SHALL TERMINATE IN DISCONNECTING MEANS HAVING A SHORT-CIRCUIT CURRENT RATING EQUAL TO OR GREATER THAN THE AVAILABLE FAULT CURRENT, INSTALLED IN A READILY ACCESSIBLE OUTDOOR LOCATION. EACH DISCONNECT SHALL BE ONE OF THE FOLLOWING: (1) SERVICE DISCONNECTS MARKED AS FOLLOWS: EMERGENCY DISCONNECT,

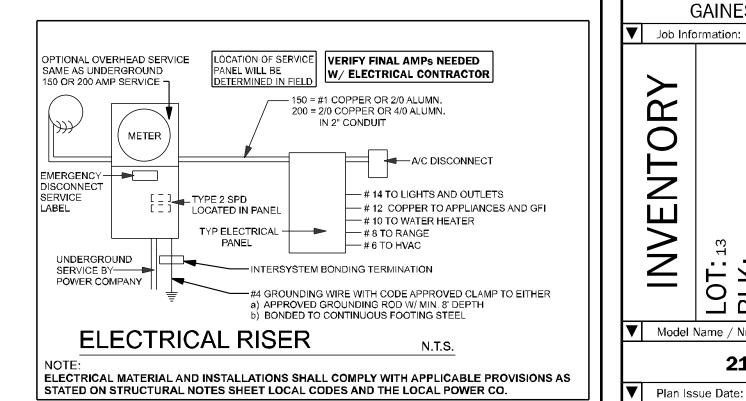
(2) METER DISCONNECTS INSTALLED PER 230.82(3) AND MARKED AS FOLLOWS: EMERGENCY DISCONNECT,

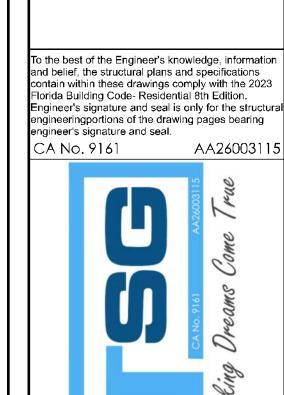
METER DISCONNECT NOT SERVICE EQUIPMENT

(3) OTHER LISTED DISCONNECT SWITCHES OR CIRCUIT BREAKERS ON THE SUPPLY SIDE OF EACH SERVICE DISCONNECT THAT ARE SUITABLE FOR USE AS SERVICE EQUIPMENT AND MARKED AS FOLLOWS: EMERGENCY DISCONNECT NOT SERVICE EQUIPMENT

MARKINGS SHALL COMPLY WITH 110.21(B).
17. ALL PERMANENTLY INSTALLED LUMINARIES, EXCLUDING THOSE IN KITCHEN APPLIANCES, SHALL HAVE AN EFFICACY OF AT LEAST 45 LUMENS-PER-WATT OR SHALL UTILIZE LAMPS WITH AN EFFICACY OF NOT LESS THAN 65







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▼ Job Information

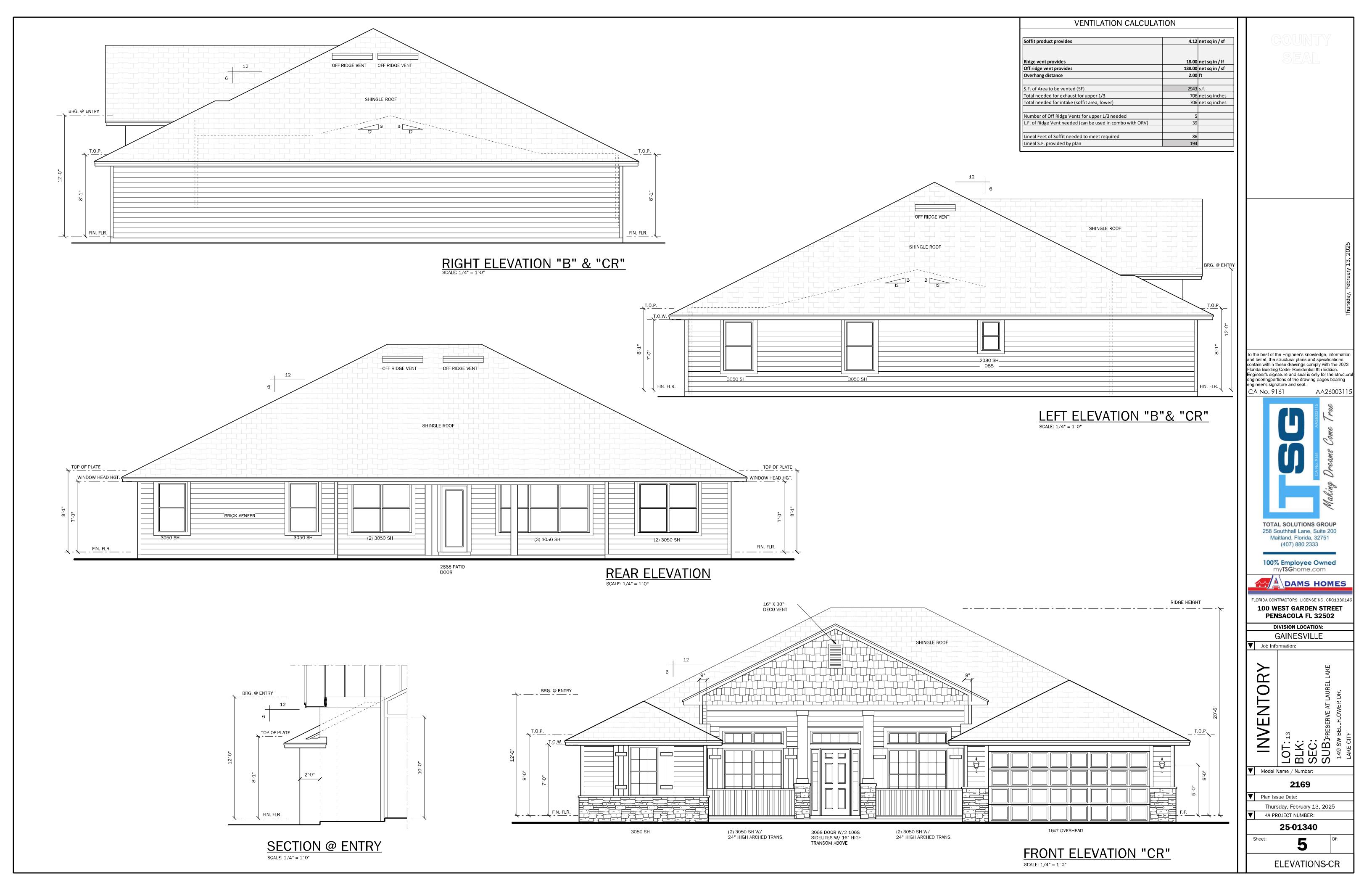
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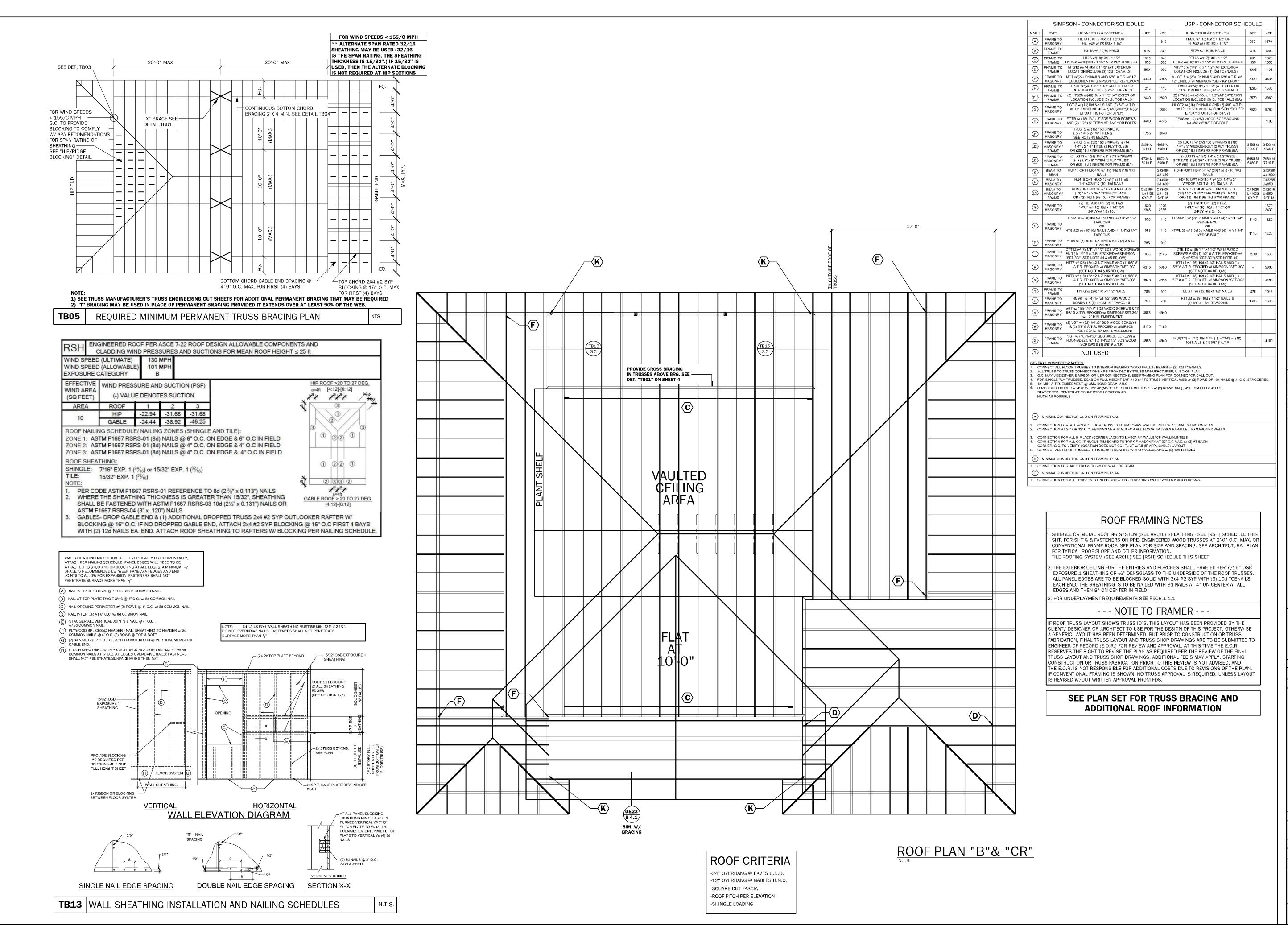
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Thursday, February 13, 2025 KA PROJECT NUMBER:

25-01340

ELECTRICAL





To the best of the Engineer's knowledge, information and belief, the structural plans and specifications contain within these drawings comply with the 2023 Florida Building Code- Residential 8th Edition. Engineer's signature and seal is only for the structural engineeringportions of the drawing pages bearing engineer's signature and seal.

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LORIDA CONTRACTORS LICENSE NO. CRC13301 **100 WEST GARDEN STREET** PENSACOLA FL 32502

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ROOF PLAN CR

