#### STRUCTURAL DESIGN CRITERIA **STRUCTURAL NOTES: TERMITE SPECIFICATIONS: INDEX OF DRAWINGS CODE CRITERIA CAST IN PLACE CONCRETE** SHT# TITLE TERMITE PROTECTION SHALL BE PROVIDED BY REGISTERED TERMITICIDES. INCLUDING SOIL APPLIED PESTICIDES. FLORIDA BUILDING CODE 8TH EDITION (2023) RESIDENTIAL ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2500 PSI (SLABS) 3000 PSI (COLUMNS AND BEAMS), A SLUMP OF 5" 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 FLOOR PLAN • NFPA 70-20, NATIONAL ELECTRICAL CODES (NEC 2020) 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) FOUNDATION PLAN 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) 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) ELECTRICAL PLAN 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 • 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 **ELEVATIONS** WOOD FRAMED CONSTRUCTION MANUAL 2018 EDITION APPROVED REINFORCING SHALL BE POSITIVELY SUPPORTED BY TEMPORARY STRINGERS. DOWELS FOR COLUMNS & FILLED CELLS SHALL BE SECURED IN PLACE BY 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 S-1 TRUSS LAYOUT • AMERICAN SOCIETY OF CIVIL ENGINEERS: ASCE/SEI 7-22 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, By troy crews at 7:32 am, Apr 22, 2025 S-2 AND FOR 2 STORY HOME IS 30FT 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) **DETAILS** PRESSURE TREATED LUMBER THAT HAS BEEN OUT 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 S-2.1 **DETAILS** 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 ADOPTED CODES, STANDARDS AND RULES OF THE ADMINISTRATIVE AUTHORITY AND CLADDING WIND PRESSURES AND SUCTIONS 3. OPTIONAL BORATE APPLIED TO ALL FRAME MEMBERS WITHIN 24" A.F.F. S-3 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 DETAILS FOR MEAN ROOF HEIGHT ≤ 30 ft 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 **DETAILS** EFFECTIVE | WIND PRESSURE AND SUCTION (PSF) WITH THE REQUIREMENTS OF ALL THE FOLLOWING WHERE APPLICABLE: **EXTERIOR COVERING** MASONRY WALL CONST. WIND PRESSURE AND WIND AREA (+) VALUE DENOTES PRESSURE S-4.1 **DETAILS** (A) GOVERNING MUNICIPAL AND REGULATORY AGENCIES SUCTION DIAGRAM (SQ FEET) (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 WP WATERPROOFING DETAILS 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 **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 (-) **1**9 8 (-) 24 4 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. > 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 **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). 8'-0"&9'-0" x 7'-0" 16'-0" x 7'-0 O. CONSOLIDATE AND RECONSOLIDATE GROUT POURS PER CODE. GROUT SHALL BE FLUSH WITH TOP OF WALL (+) 18.2 HEAD DIA. MIN. @ 6" O.C. VERT/HORIZ. OR COMPATIBLE ADHESIVES, EXTERIOR GUN-GRADE, CONSTRUCTION ADHESIVE WITH 1 **GENERAL ROOF LOADING** 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, IOINTS: INSTALL CONTROL IOINT LATHING ACCESSORIES IN CONFORMANCE WITH C1063, LA WOOD CONSTRUCTION HINGLE/METAL | FLAT TILE SHALL NOT BE CONTINUOUS THROUGH CONTROL JOINTS, BUT SHALL BE STOPPED AND TIED AT EACH SIDE. All ACCESSORIES GENERAL PRESSURE NOTES ROOF (PSF) ROOF (PSF) ROOF (PSF) ROOF (PSF) HALL BE IN ACCORDANCE WITH THE LATEST ASTM C1063 & ASTM C1861. . 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 TOP CHORD DL **1**5 "a" = END ZONE IS ONLY WITHIN 4'-0" OF ALL EXTERIOR BUILDING CORNERS. 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 STATE OF 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 FLORIDA DESIGNATED AREAS WHERE THE ULTIMATE WIND SPEED IS 140 MPH OR GREATER . ANY WOOD FRAME INTERIOR BEARING WALL STUDS THAT HAVE HOLES IN THE CENTER OF THE STUD UP TO 1" DIA. SHALL HAVE STUD PROTECTION COMPLETELY CONCEALED. PLASTER APPLICATION NEED BE ONLY TWO COATS. PROVIDED TOTAL THICKNESS IS AS SET IN TABL TOTAL (PSF) 40 50 45 CONTRACTOR TO PROVIDE ADDITIONAL INFORMATION AS REQUIRED FOR PERMITTING SHIELDS. ALL HOLES OVER 1" IN DIA. FOR PLUMBING LINES, ETC. SHALL BE REPAIRED WITH SIMPSON HSS2 STUD SHOES, TYP., U.N.O. 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 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 Signing Date: 03/20/2025 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 IOT 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 VALLS 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 Engineer's signature and seal is only for the structura 5 (PSF) OLIATH 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 engineering portions 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. 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 AA2600311: 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 125 (PSF) LIGHT STORAGE 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) 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 '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. 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 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 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 TO SERVE AS A HANDRAIL, THE LOAD PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH SPECIFIED LOADS AND GOVERNING CODES. 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 FO 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 prevent error. The Builder and all subcontractors are required to NOT BE APPLIED CONCURRENTLY. ANOTHER, AND LOADS ARE ASSUMED NOT TO OCCUR WITH ANY VENEER SHALL BE INSTALLED IN ACCORDANCE WITH SECTION R703.7.1, ARTICLE 3.3C OF TMS 602/ACI 530.1/ASCE 6 (407) 880 2333 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 OR THE MANUFACTURER'S INSTRUCTIONS. MISSED "J" BOLTS FOR WOOD BEARING WALLS MAY BE SUBSTITUTED WITH 1/2" DIA. EPOXY ANCHORS WITH 7" EMBEDMENT. SIMPSON "SET" EPOXY 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 I'HE PLASTER BASE AND ATTACHED TO VERTICAL WOOD FRAMING MEMBERS WITH 6D COMMON NAILS, OR 1-IN. ALL EXTERIOR WALLS SHALL BE ASSUMED TO BE LOAD BEARING. SEE PLAN FOR C.M.U WALL REINFORCEMENT LOCATIONS ssurance Manager immediately. No backcharges will be considered DURING BOND BEAM POUR. 25-MM) ROOFING NAILS DRIVEN TO A PENETRATION OF NOT LESS THAN ¾ 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 MERS, 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 3/4 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 WOOD 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 EOR HAS NO DUTY TO PROTECT, WITHOUT LIMITATIO THE RESIDENCE CONSTRUCTION SITE MATERIALS OR FOUIPMENT FROM MOISTURE MOLD FUNGUS FIRE THEFT VANDALISM TRESPASS OR ANY OTHER PERIL OR CONDITION AT ANY TIME .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. .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 DATE LOT: BLK: SEC: SUB: ▼ Model Name / Number: 3000 GULFBREEZE PARKWAY GULFBREEZE, FLORIDA 32563 **1820** ▼ Plan Issue Date: Wednesday, March 19, 2025 MODEL 1820 ▼ KA PROJECT NUMBER: 25-02685 COVER SHEET

BEARING WOOD INTERIOR WALL SCHEDULE							
MARK	STUD SPACING	CONNECTION & F	FASTENERS	LUMBER SPECIES	UPLIFT CAP.(plf)		
WIZINIX		TOP	воттом		., ,		
BW1	16"	(2) 16d TOENAILS	(2) 16d TOENAILS	SPF	O		
BW2	<b>1</b> 6"	SP2 W/ (6)-10d NAILS	SP1 W/ (6)-10d NAILS	SPF	402		
BW3	16"	SP4 W/ (6) 10d X 1 1/2" NAILS	SP4 W/ (6) 10d X 1 1/2" NAILS	SPF	57 <b>1</b>		
BW4	<b>1</b> 6"	(2) 16d TOENAILS	(2) <b>16</b> d TOENAILS	SYP	0		
BW5	<b>1</b> 6"	SP2 W/ (6)-10d NAILS	SP1 W/ (6)-10d NAILS	SYP	439		
BW6	<b>1</b> 6"	SP4 W/ (6) 10d X <b>1</b> 1/2" NAILS	SP4 W/ (6) 10d X 1 1/2" NAILS	SYP	665		
BW7	12"	(2) 16d TOENAILS	(2) 16d TOENAILS	SPF	o		
BW8	12"	SP2 W/ (6)-10d NAILS	SP1 W/ (6) 10d NAILS	SPF	535		
BW9	12"	SP4 W/ (6) 10d X 1 1/2" NAILS	SP4 W/ (6) 10d X 1 1/2" NAILS	SPF	760		
BW10	12"	(2) 16d TOENAILS	(2) 16d TOENAILS	SYP	0		
BW11	12"	SP2 W/ (6)-10d NAILS	SP1 W/ (6) 10d NAILS	SYP	585		
BW12	12"	SP4 W/ (6) 10d X 1 1/2" NAILS	SP4 W/ (6) 10d X 1 1/2" NAILS	SYP	885		
٨	IOTE: 2 x 4 W	/ALLS ARE ASSUMED (	J.N.O. ON FLOOR PLANS	5			

ALL LUMBER TO BE GRADE #2

CONNECTIONS TO BE INSTALLED TO EACH STUD AS INDICATED

\*\* SP6'S & SP8'S CAN BE SUB. FOR SP4'S W/ RESPECT TO STUD SIZE

TOP OF WALL SEE PLAN	SIMPSON SPH4 TOP AND BOTTO
DOUBLE 2X————————————————————————————————————	-2x STUDS PER PLAN/ SCHEDUI ABOVE
DOUBLE 2x HEADER—OVER OPENINGS W/ IN BRG WALL SEE DET. WF09 FOR MORE INFO.	-EXTERIOR SHEATHING FRO TOP AND BOTTO ATTACHED PER NAILING
2x MID-SPAN BLOCKING— W/ (2) 12d TOENAILS @ FACH END FOR WALLS	SCHEDULE
TALLER THEN 8'-0"	-CONNECTORS
2x P.T. W/ 1/2" A.B @ 32" O.C. W/ 7"	TOP & BOTTOM PER PLAN / SCHEDULE ABO
EMBEDMENT OR 1/2" A.T.R. W/ SIMPSON SET W/ MIN. 7" EMBEDMENT PAST STEP DOWN. ALT.: SIMPSON 1/2" TITEN HD @ 32" O.C. W/ SAME EMBEDMENT	-SEE FOUNDATIO PLAN FOR MORE INFO

#### BEARING INTERIOR WALL DETAIL

GENERAL NOTES	
L. SEE FLOOR PLAN FOR WALL SIZE, ASSUME 2x4 STUDS USED UNO.	

ALL STRUCTURAL LUMBER TO BE SYP #1 OR SPF #2 UNO ON PLAN. CONNECTIONS TO BE INSTALLED TO EACH STUD AS INDICATED 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 CONNECTION TO IGNORED. SEE WF06/S3.1 OR INDICATED DETAIL FOR PROPER CONNECTIONS FOR 2nd FLOOR TO FIRST FLOOR CONNECTIONS. (NOTE: THIS IS FOR 2 STORY PROJECTS ONLY) 5. 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 FIELD AND EDGE TO (1) SIDE OF WALL ALL 2x EXTERIOR WALLS W. EXTERIOR SHEATHING ATTACHED PER NAILING SCHEDULE ACT AS SHEARWALLS. SEE PLAN AND WALLS SECTIONS FOR STUD SPACING AND GRADE

IF THE BEARING WALL IS INDICATED WITH THE BW1. BW4, BW7, BW10 THESE WALLS ARE ONLY SUPPORTING THE FLOOR LOAD AND DO NOT HAVE UPLIED. THE STUDS ARE TOE (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(Lb)				
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				
СЗ	(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 = 6665 U = 2200				
C6	6 x 6 P.T. #2 SYP POST	ABU66 W/ 5/8" ATR** & (12) 16d NAILS	G = 12000 U = 2300				
C7	8 x 8 P.T. #2 SYP POST	ABU88 W/ (2) - 5/8" ATR** & (18) - 16d NAILS	G = 24335 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				
<b>C</b> 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* 1	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 <sup>+</sup> * +	7870				
C13	5.25" x 7" P.L. 1.8E Fb=2400 PSI	HDU8-SDS2.5 W/ 7/8" ATR AND (20) 1/4" x 1/5" SDS WOOD SCREWS	7870				

SEE FLOOR PLAN FOR WALL WIDTH. STUD PACKS TO MATCH WALL WIDTH UNO 2. ALL STRUCTURAL LUMBER TO BE SYP #1 OR SPF #2 UNO ON PLAN. 3. NAIL BUILT UP STUDS PER DETAIL WF37

- MINIMUM BOLT EMBEDMENT: 5" EMBEDMENT FOR 1/2" ATR
- 6" EMBEDMENT FOR 5/8" ATR 8" EMBEDMENT FOR 7/8" ATR
- IF [C] COLUMN IS INDICATED ON SECOND FLOOR, THE BASE CONNECTION IS NOT REQUIRED. (SEE INDICATED CALL OUT ON PLAN FOR ATTACHMENT) SEE WOOD CONSTRUCTION NOTE #4 ON COVER SHEET FOR CORROSION INFORMATION '. SAME NOMINAL SIZE PARALLAM COLUMNS (1.8E) MAY BE SUBSTITUTED FOR ANY
  P.T. SYP POST NOTED IN THE PLANS

**GENERAL COLUMN NOTES** 

P.1. 51P PU	SI NUIED IN IH	E PLANS					
COMMON NAIL vs. PNEUMATIC GUN NAILS:							
COMMON NAIL	DIA. / LENGTH	PNEUMATIC GUN NAIL DIALENGTH		APP <b>LIC</b> ATION			
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" 0.13 <b>1</b> " X 3 <sup>-</sup> / <sub>4</sub> "	SEE PLAN	BLOCKING & TOE NAILS & TOP PLATE			
12d	0.148" X 3 1/4"	0.131" X 3 '/4"	( )	STUD WALL CORNERS			
10d	0.148" X 3"	0.131" X 3"		STUD PACK COLUMNS			
16d	0.162" X 3 ½"	0.131" X 3 ¼"	(2) 16D(COMMON) (3) 16D ( GUN NAILS)	SEE PLAN			

(IF USED. S	SEE DET. "	HDR" ON SHEET S	SCHED S-2 FOR ENERGY S		ON HEADERS)	
MARK	HEAD	DER SIZE	RE	EMARKS		
H1>		6 #2 SYP FLITCH PLATE	SEE GENER. THIS SHEET	AL HEADER NO	OTE #5	
H2		8 #2 SYP FLITCH PLATE	SEE GENER THIS SHEET	AL HEADER NO	OTE #5	
(H3)		10 #2 SYP FLITCH PLATE	SEE GENER THIS SHEET	AL HEADER NO	DTE #5	
H4	(2) - 2X12 #2 SYP W/ 1/2" FLITCH PLATE (2) - 1 3/4" X 11 1/4 LVL 2.0E Fb=2600 PSI		SEE GENER THIS SHEET	SEE GENERAL HEADER NOTE #5 THIS SHEET		
H5			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			
			PORT NO. OF J EQ. AT OPENIN			
OPENI	NC	2x4 W	/ALL	2x6 OR 2	x8 WALL	
SIZE	ING.	JACKS EA. END	KINGS EA. END	JACKS EA. END	KINGS EA. END	
1'-0" - 3	3'-11"	(1)	(2)	(1)	(2)	
4'-0" - 9	)'- <b>11</b> "	(2)	(3)	(2)	(2)	
10'-0" -	16'-0"	(3)	(4)	(3)	(4)	
	G	ENERAL I	HEADER	NOTES		
2. IF HEADE FOLLOW CORREC 3. IF HEADE	ER IS ON INSTRUC TIONS UN ER IS ON	CORRECT LENG THE 1st FLOOR ETIONS WITHIN E NO ON PLAN THE 2nd FLOOR R REOUIRED CON	SEE PLAN FOR BEARING WALL S SEE PLAN FOR	BEARING WALL SCHEDULE FOR	REQUIRED	

. ALL HEADER JACK AND KING STUDS SHALL BE FASTENED TO EACH PER DETAIL

. FASTEN ALL MULT-PLY HEADERS TOGETHER W/ (2) ROWS 12d COMMON NAIL

. FASTEN ALL HEADERS TO KING STUDS WITH (3) 12d TOENAILS PER SIDE

AT 12" o.c. ALONG EACH EDGE OR (3) ROWS IF 2x10 OR LARGER.

. IF HEADER IS NOT SPECIFIED CONTACT E.O.R. (

BEAM SCHEDULE					
BEAM SIZE	CONNECTIONS				
(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.				
(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.				
(2) - 2 x 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.				
(2) - 1 3/4" x 11 1/4" 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.				
(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.				
(2) - 1 3/4" x 16" 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.				
	(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  (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  (2) - 2 x 12 #2 SYP W/ 7/16" OSB FLITCH PLATE. NAIL BEAM TOGETHER USING (2) ROWS OF 12d NAILS @ 12" O.C. TYP EACH SIDE  (2) - 2 x 12 #2 SYP W/ 7/16" OSB FLITCH PLATE. NAIL BEAM TOGETHER USING (2) ROWS OF 12d NAILS @ 12" O.C. TYP EACH SIDE  (2) - 1 3/4" x 11 1/4" 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  (2) - 1 3/4" x 16" 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				

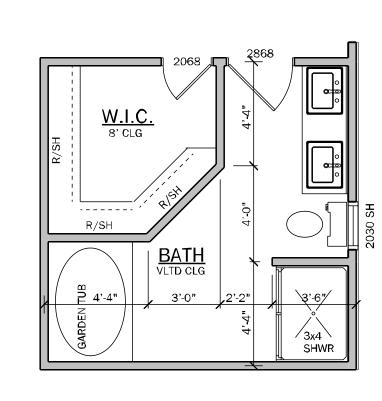
VERIFY WITH PLAN CORRECT LENGTH OF BEAMS REQUIRED

BEAMS ARE NOT TO BE DRILLED OR NOTCHED IN ANY WAY WITHOUT

(MIN. 4" BEARING EACH END)

SEE PLAN FOR TOP OR BOTTOM OF BEAM INDICATIONS

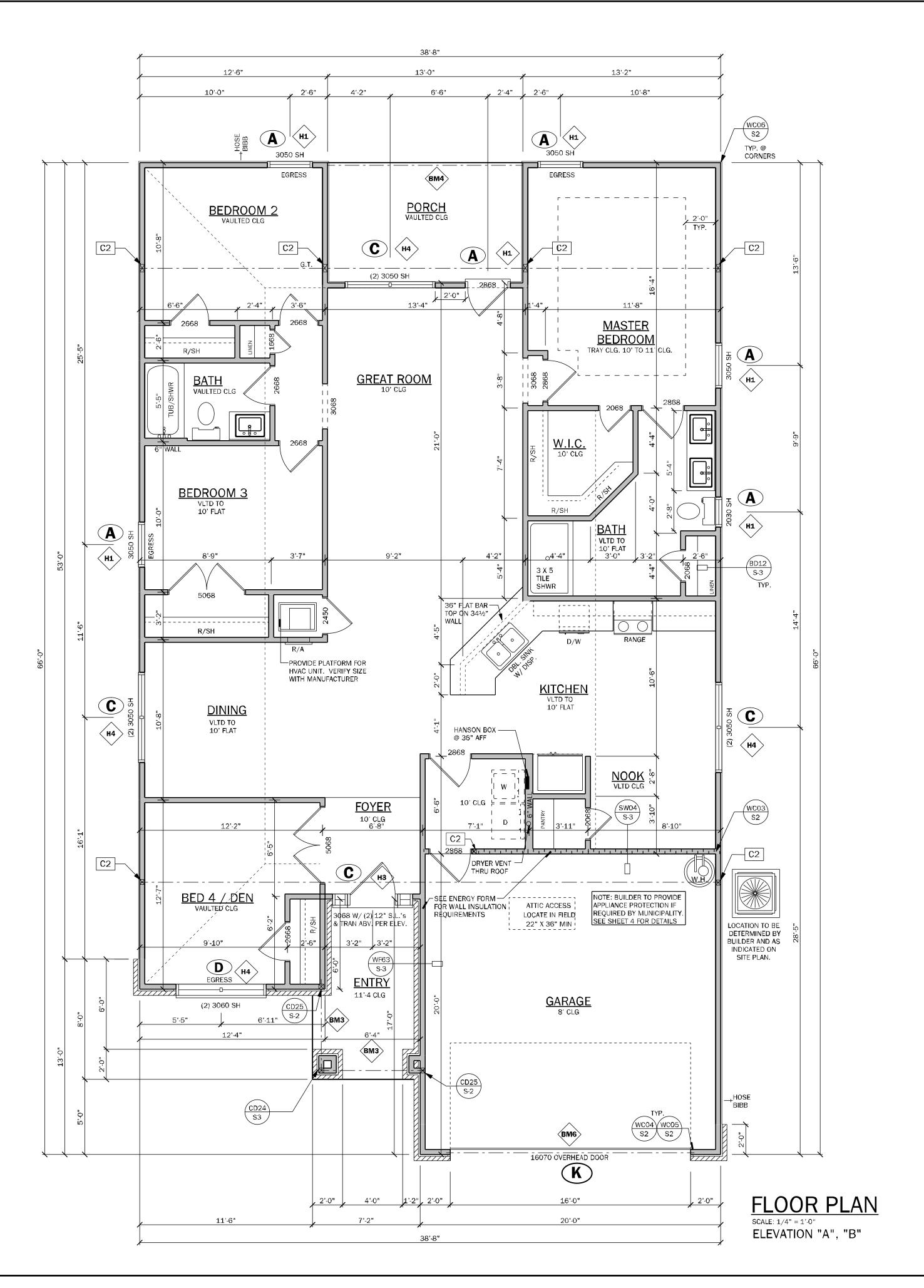
WRITTEN APPROVAL FROM THE E.O.R.



Υ	Y N MASTER BA. OPTIONS	
		4030 (1) PC. FIBERGLAS SHOWER IN LIEU OF LINEN CLOSET W/ (1) L.E.D. DISC LT.

# OPTIONAL MASTER BATH

NOTE: NO DIMENSIONAL CHANGES



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**

R302.6 (table 302.6) If water based ceiling texture material is used, Provide 1/2" gypsum board for 16" O.C. Framing, or 5/8" gypsum board for 24" O.C. Framing. Note 1/2" 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.
- . 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
- . 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 bottor 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: 1. 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
- 2. Operable windows that are provided with window fall prevention devices that comply with ASTM F2090. 3. 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.
- 0. 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 The gypsum board shall be attached w/ Type "W" 11/2" 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 Code cycle is FBC 2023 8th Edition.
  - WALL FRAMING, INCLUDING FURRING STRIPS ON CMU WALLS, TO BE SPACED AND 16" O.C. (U.N.O.)

## AREA CALCULATIONS

\* ALL INTERIOR AND EXTERIOR

1st FLOOR	<b>1816</b> S.F.
TOTAL LIVING (AC)	1816 S.F.
GARAGE	401 S.F.
COVERED ENTRY (BASE)	76 S.F.
COVERED PATIO/LANAI	104 S.F.
TOTAL AREA UNDER ROOF	2397 S.F.

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 engineering portions of the drawing pages bearing engineer's signature and seal. AA26003113

CA No. 9161

**TOTAL SOLUTIONS GROUP** 258 Southhall Lane, Suite 200 Maitland, Florida, 32751 (407) 880 2333

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A\DAMS HOMES FLORIDA CONTRACTORS LICENSE NO. CRC133014 **100 WEST GARDEN STREET** PENSACOLA FL 32502

**DIVISION LOCATION:** GAINESVILLE ▼ Job Information:

LOT: BLK: SEC: SUB:

Model Name / Number:

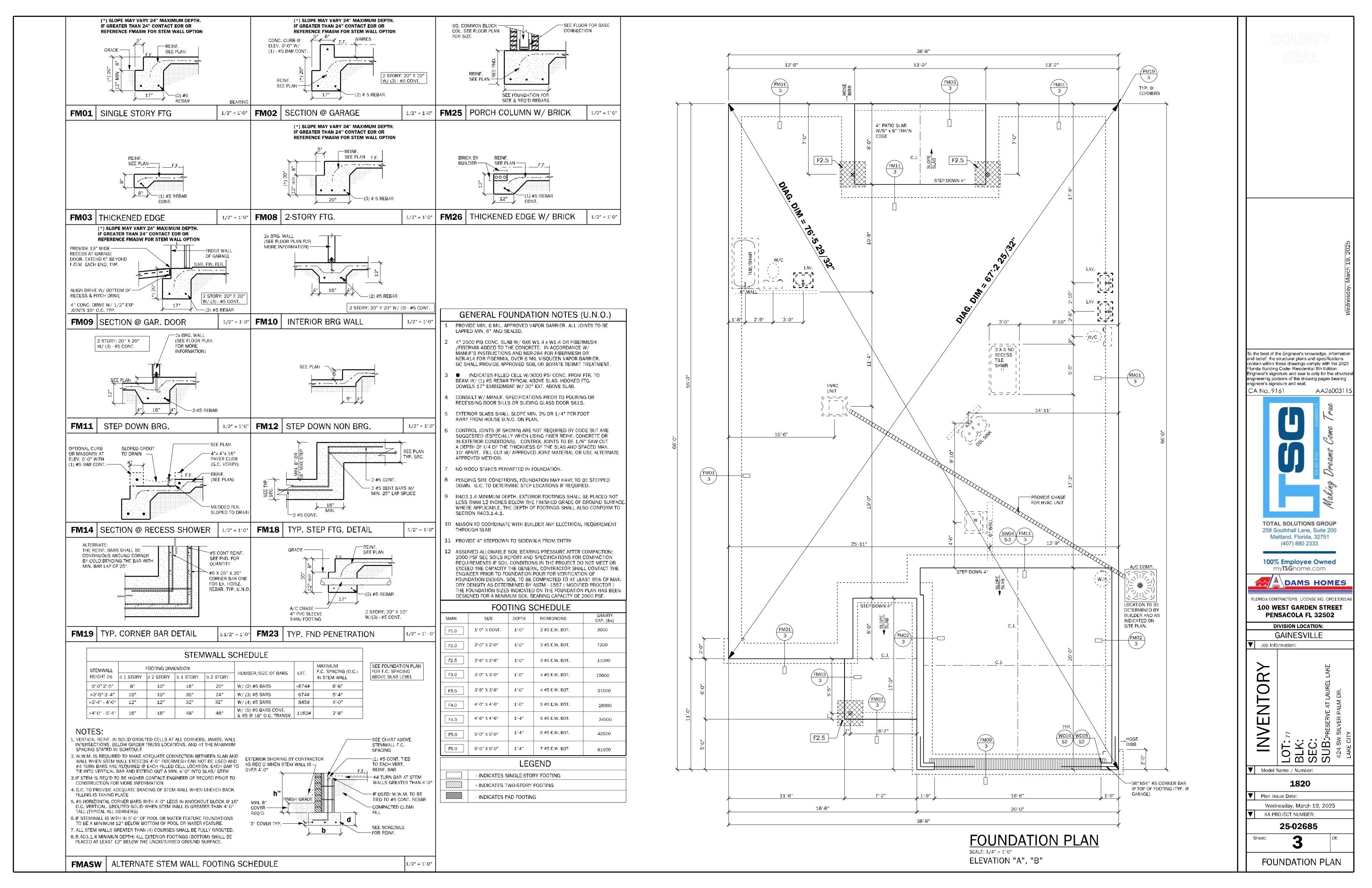
1820

▼ Plan Issue Date: Wednesday, March 19, 2025 KA PROJECT NUMBER:

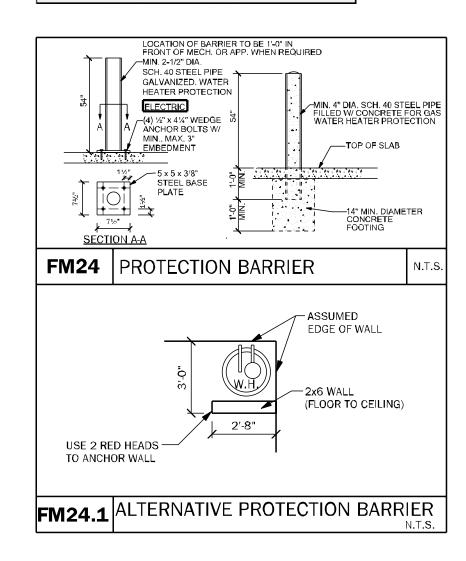
25-02685

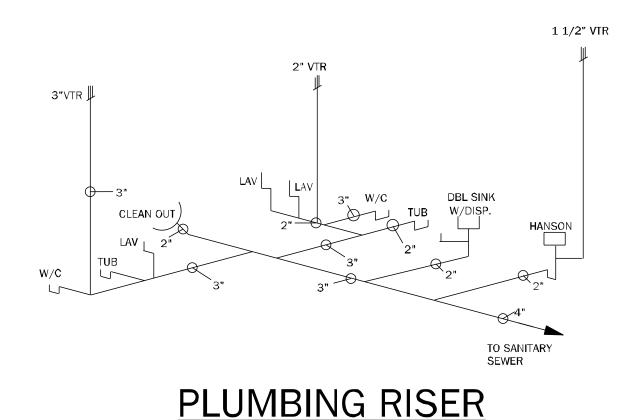
Sheet:

FLOOR PLAN A

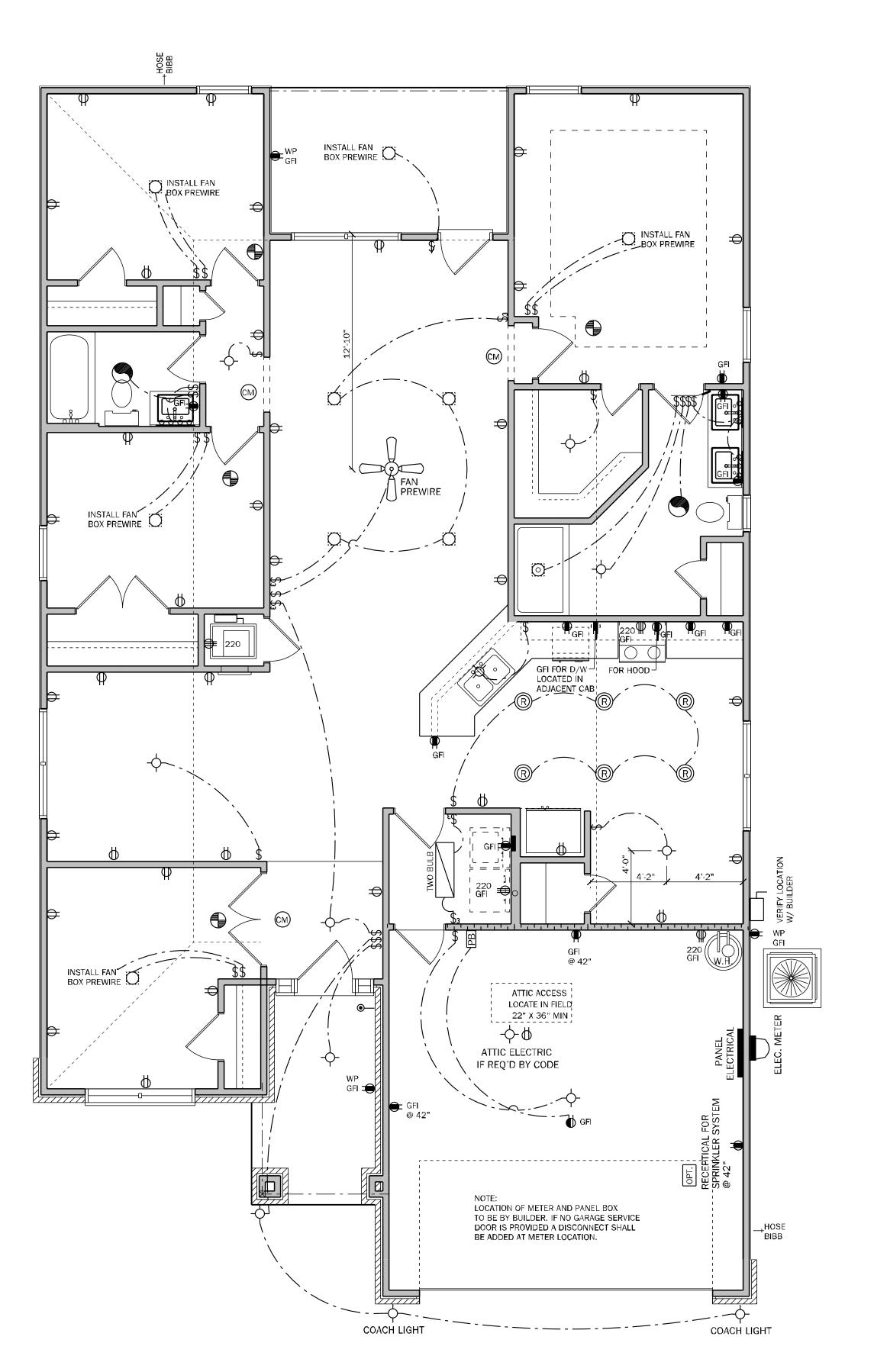


GENERAL LIGHTING & RI	FCEPT/	ACLES
3 WATTS PER SQUARE FOOT		
S.F. LIVING		1816 X3
	=	
	_	
APPLIANCE CIRCUIT  1 RANGE	<u>s</u>	8500
0 OVEN		0
0 PEP TANK		0
1 MICRO / HOOD		1000
1 WATER HEATER		4500
1 WHIRL POOL		1250
1 WASHER		1500
1 DRYER		5000
1 DISHWASHER		1500
1 DISPOSAL		600
SMALL APPPLIANCE CIRCUITS		4500
2 BATH FANS (100 WATTS / EAC	H)	200
GENERAL LIGHT'G & RECEPT. +	APP. CIR.	33998
SUBTRACT 100% OF FIRST 10,	000	-10000
	Α	23998
HVAC CIRCUITS		<del>-</del> -
1 A/C (AIR HANDLER & COMP.)		10000
1 A/C (AUXILIARY HEAT STRIP)		10000
	В	20000
CIRCUIT CALCULATION	ONS	<del></del> #i
FIRST 10,000 AMPS @ 100%		10000
+ 40% OF "A" = (.40 X A)	=	9599.2
+ 100% OF "B 20000	=	20000
TOTAL WATTAGE	=	39599.2
WATTS DIVIDED BY 240 = AMI	PS	
CALCULATED SERVICE AMP		164.9967





NOTE: ALL PLUMBING RISERS ARE TO BE VERIFIED w/ PLUMBING CONTRACTOR



## ELECTRICAL NOTES: UNLESS OTHERWISE NOTED.

1. ELECTRICAL OUTLET HEIGHTS AS MEASURED FROM FINISHED FLOOR TO CENTER LINE OF THE BOX TO BE: 16" AF (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

RANGE 2" 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 INSTALLED 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,

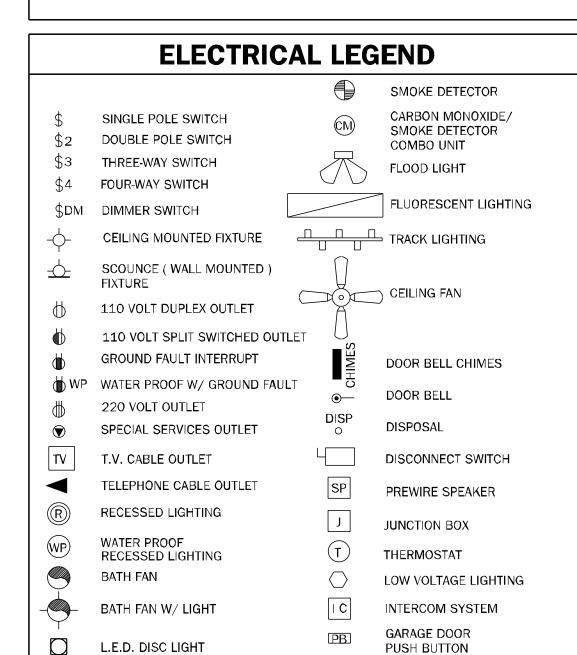
(2) METER DISCONNECTS INSTALLED PER 230.82(3) AND MARKED AS FOLLOWS: EMERGENCY DISCONNECT,

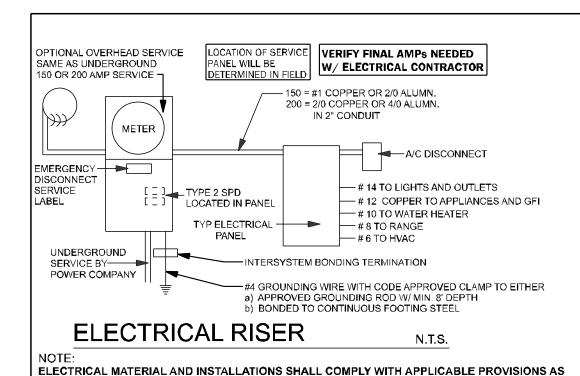
METER DISCONNECT. NOT SERVICE EQUIPMENT

(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





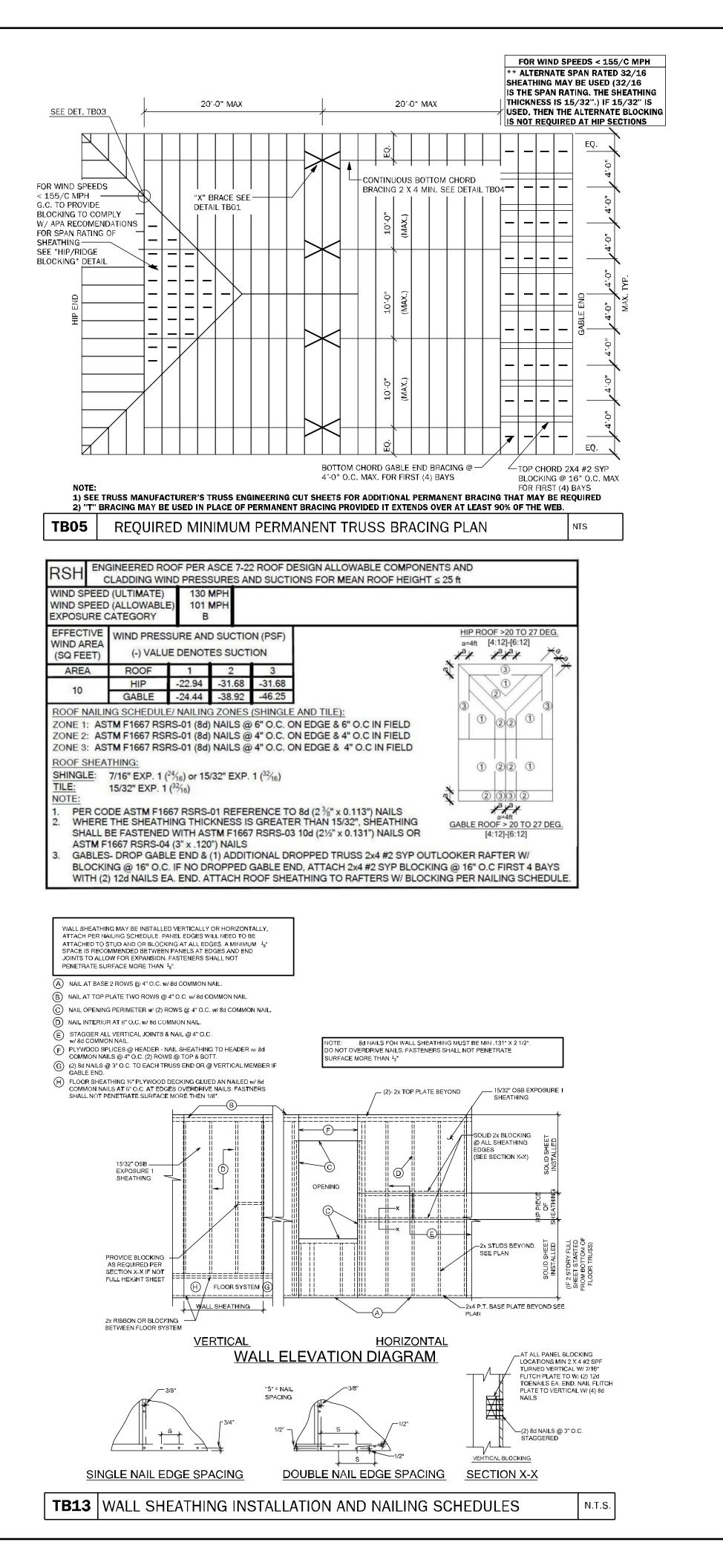
STATED ON STRUCTURAL NOTES SHEET LOCAL CODES AND THE LOCAL POWER CO.

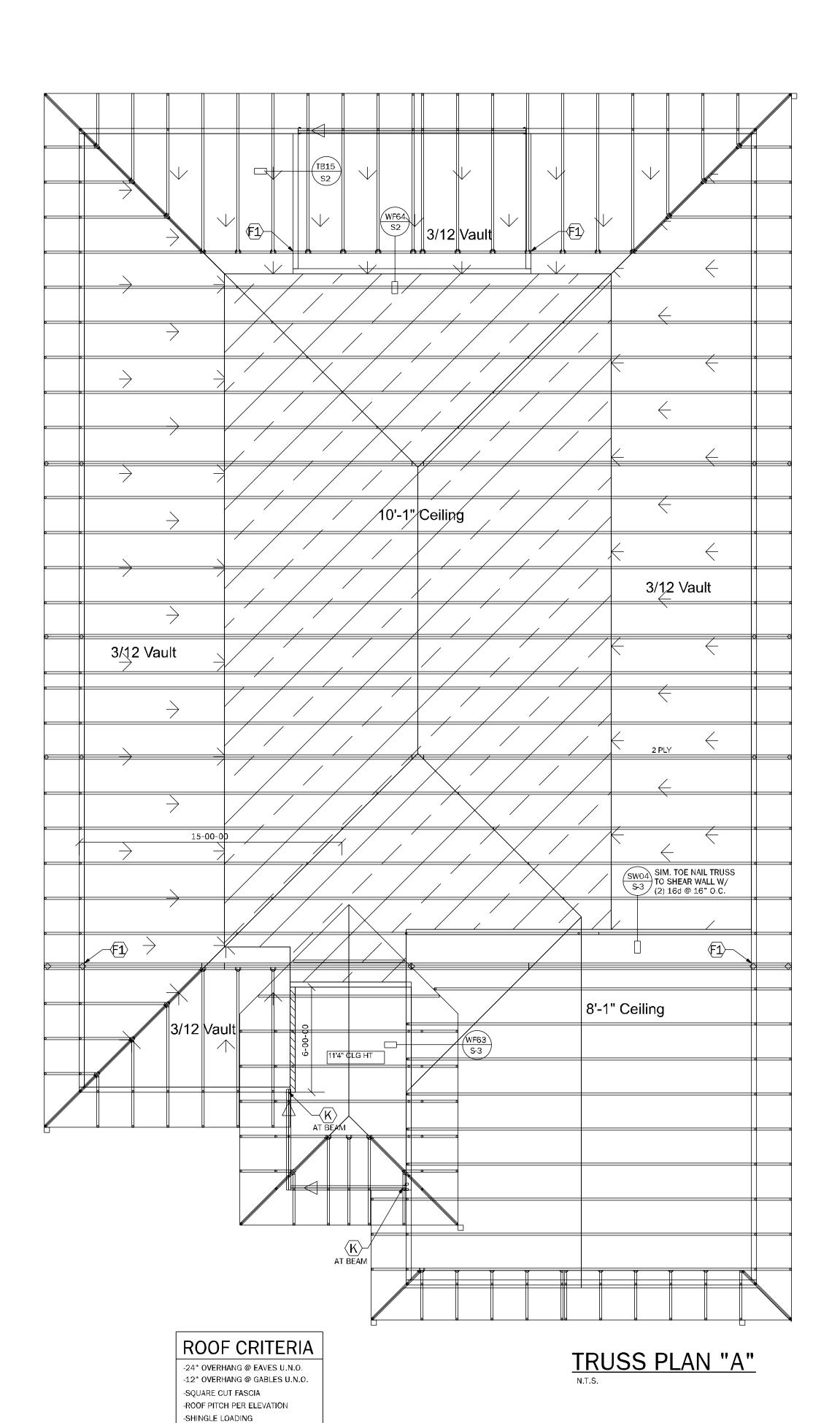
**ELECTRICAL PLAN** ELEVATION "A" & "B"

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 engineering portions of the drawing pages bearing engineer's signature and seal. CA No. 9161 AA26003115 **TOTAL SOLUTIONS GROUP** 258 Southhall Lane, Suite 200 Maitland, Florida, 32751 (407) 880 2333 100% Employee Owned myTSGhome.com A\DAMS HOMES **100 WEST GARDEN STREET** PENSACOLA FL 32502 **DIVISION LOCATION:** GAINESVILLE ▼ Job Information LOT: BLK: SEC: SUB: ▼ Model Name / Number: **1820** ▼ Plan Issue Date: Wednesday, March 19, 2025 ▼ KA PROJECT NUMBER: **25-02685** 

**ELECTRICAL** 







	SIMF	PSON - CONNECTOR SCHEDUL	.E		USP - CONNECTOR SCH	EDULE	<u>:</u>
MARK	TYPE	CONNECTOR & FASTENERS	SPF	SYP	CONNECTOR & FASTENERS	SPF	SY
A	FRAME TO MASONRY	HETA16 w/ (9)10d x 1 1/2" OR HETA20 w/ (9)10d x 1 1/2"		1810	HTA16 w/ (10)10d x 1 1/2" OR HTA20 w/ (10)10d x 1 1/2"	1585	18
B	FRAME TO FRAME	H2.5A w/ (10)8d NAILS	615	700	RT7A w/ (10)8d NAILS	515	58
(C)	FRAME TO FRAME	H10A w/(18)10d x 1 1/2" H10A-2 w/(18)10d x 1 1/2" AT 2 PLY TRUSSES	1015 930	1040 1080	RT16A w/(17)10d x 1 1/2" RT16-2 w/(16)10d x 1 1/2" AT 2 PLY TRUSSES	895 935	10
D	FRAME TO FRAME	MTS12 w/(14)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (3) 12d TOENAILS)	860	990	MTW12 w/(14)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (3) 12d TOENAILS)	1005	11
E	FRAME TO MASONRY	MGT w/(22)10d NAILS AND 5/8" A.T.R. w/ 12" EMBEDMENT w/ SIMPSON "SET-3G" EPOXY	3330	3965	MUGT15 w/(28)10d NAILS AND 5/8" A.T.R. w/ 12" EMBED. w/ SIMPSON "SET-3G" EPOXY	3330	44
F	FRAME TO	HTS20 w/(24)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (3)12d TOENAILS	1215	1415	HTW20 w/(24)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (3)12d TOENAILS	1285	15
(FI)	FRAME TO FRAME	(2) HTS20 w/(48)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (6)12d TOENAILS	2430	2830	(2) HT/V20 w/(48)10d x 1 1/2" (AT EXTERIOR LOCATION INCLUDE (6)12d TOENAILS (EA)	2570	30
G	FRAME TO MASONRY	HGT-2 w/ (16)10d NAILS AND (2) 5/8" A.T.R. w/ 12" EMBEDMENT w/ SIMPSON "SET-3G" EPOXY (HGT-3 FOR 3-PLY)		10690	HUGT2 w/ (16)10d NAILS AND (2) 5/8" A.T.R. w/ 12" EMBEDMENT w/ SIMPSON "SET-3G" EPOXY (HUGT3 FOR 3-PLY)	7020	97
$\langle H \rangle$	FRAME TO MASONRY	FGTR w' (18) 1/4" x 3" SDS WOOD SCREWS AND (2) 1/2" x 5" TITEN HD ANCHOR BOLTS	3400	4725	RFUS W/ (12) WS3 WOOD SCREWS AND (4) 3/4" x 6" WEDGE-BOLT		7-
(J1)	FRAME TO MASONRY	(1) LGT2 w/ (16) 16d SINKERS & (7) 1/4" x 2-1/4" TITEN 2 (SEE NOTE #6 BELOW)	1755	2040			
(J2)	FRAME TO MASONRY / FRAME	(2) LGT2 w/ (32) 16d SINKERS & (14) 1/4" x 2 1/4" TITEN (2 PLY TRUSS) OR (28) 16d SINKERS FOR FRAME (EA)	3500-м 351 <b>0</b> -F	4060-м 108 <b>0</b> -F	(2) LUGT2 w/ (32) 16d SINKERS & (10) 1/4" x 3" WEDGE-BOLT (2 PLY TRUSS) OR (32) 16d SINKERS FOR FRAME (EA)	31 <b>0</b> 0-м 38 <b>0</b> 0-F	310 452
(J3)	FRAME TO MASONRY / FRAME	(2) LGT3 w/ (24) 1/4" x 3" SDS SCREWS & (8) 3/8" x 5" TITEN (2 PLY TRUSS) OR (52) 16d SINKERS FOR FRAME (EA)	4730-M 501 <b>0</b> -F	6570-M 6960-F	(2) LUGT3 w/ (24) 1/4" x 2 1/2" WS25 SCREWS & (4) 3/8" x 5" WB (2 PLY TRUSS) OR (56) 16d SINKERS FOR FRAME (EA)	6480-M 6480-F	705 77
(K)	BEAM TO BEAM	HU410 OPT HUC410 w/ (18) 16d & (10) 10d NAILS		G#2680 U#1895	HD410 OPT HD410IF w/ (20) 16d & (10) 10d NAILS		G#:
(L)	BEAM TO MASONRY	HU410 OPT HUC410 w/ (18) TITEN 1/4" x2 3/4" & (10) 10d NAILS		G#4500 U#1800	HD410 OPT HD410IF w/ (20) 1/4" x 3" WEDGE-BOLT & (10) 10d NAILS		G#:
(L2)	BEAM TO MASONRY / FRAME	HU46 OPT HUC46 w/ (6) 10d NAILS & (12) 1/4" x 2 3/4" TITEN (TO MAS.) OR (12) 16d & (6) 10d (FOR FRAME)	G#2165 U#1135 SYP-F	G#3000 U#1135 SYP-M	HD46 OPT HU46 w/ (6) 10d NAILS & (12) 1/4" x 2 3/4" TAPCONS (TO MAS.) OR (12) 16d & (6) 10d (FOR FRAME)	G#1625 U#1030 SYP-F	G#: U#: SY
M	FRAME TO MASONRY	(2) HETA16 OPT (2) HETA20 1-PLY w/ (10) 10d x 1 1/2" OR 2-PLY w/ (12) 16d	1920 2365	1920 2365	(2) HTA16 OPT (2) HTA20 1-PLY w/ (10) 10d x 1 1/2" OR 2-PLY w/ (12) 16d		18 24
$\langle N \rangle$	FRAME TO	HTSM16 w/ (8)10d NAILS AND (4) 1/4"x2 1/4" TAPCONS OR	955	1110	HTWM16 w/ (8)10d NAILS AND (4) 1/4"x1 3/4" WEDGE-BOLT OR	1145	12
	MASONRY	HTSM20 w/ (10)10d NAILS AND (4) 1/4"x2 1/4" TAPCONS	955	1110	HTWM20 w/ (10)10d NAILS AND (4) 1/4"x1 3/4" WEDGE-BOLT	1145	12
P	FRAME TO MASONRY	H10S w/ (8) 8d x1 1/2" NAILS AND (2) 3/8"x4" TITAN HD	785	910			
Q	FRAME TO MASONRY	DTT2Z w/ (8) 1/4" x1 1/2" SDS WOOD SCREWS AND (1) 1/2" Ø A.T.R. EPOXIED w/ SIMPSON "SET-3G" (SEE NOTE #4 & #5 BELOW)	1835	2145	DTB-TZ w/ (8) 1/4" x1 1/2" W\$15 WOOD SCREWS AND (1) 1/2" Ø A.T.R. EPOXIED w/ SIMPSON "SET-3G" (SEE NOTE #4)	1510	18
R	FRAME TO MASONRY	HTT5 w/ (26) 16d x2 1/2" NAILS AND (1) 5/8" Ø A.T.R. EPOXIED w/ SIMPSON "SET-3G" (SEE NOTE #4 & #5 BELOW)	4375	5090	HTT45 w/ (26) 16d x2 1/2" NAILS AND (1) 5/8"& A.T.R. EPOXIED w/ SIMPSON "SET-3G" (SEE NOTE #4 BELOW)	-	50
(s)	FRAME TO MASONRY	HTT4 w/ (18) 16d x2 1/2" NAILS AND (1) 5/8" Ø A.T.R. EPOXIED w/SIMPSON "SET-3G" (SEE NOTE #4 & #5 BELOW)	3640	4235	HTT45 w/ (18) 16d x2 1/2" NAILS AND (1) 5/8"0 A.T.R. EPOXIED w/ SIMPSON "SET-3G" (SEE NOTE #4 BELOW)	-	4
$\langle T \rangle$	FRAME TO FRAME	H10S w/ (24) 10d x1 1/2" NAILS	785	910	LUGT1 w/ (23) 8d x1 1/2" NAILS	875	10
U	FRAME TO MASONRY	HM9KT w/ (4) 1/4"x1 1/2" SDS WOOD SCREWS & (5) 1/4"x2 1/4" TAPCONS	760	760	RT16M w/ (9) 10d x 1 1/2" NAILS & (4) 1/4" x 1 3/4" TAPCONS	1395	1;
$\langle v \rangle$	FRAME TO MASONRY	VCT w/ (16) 1/4"x3" SDS WOOD SCREWS & (1) 5/8" Ø A.T.R. EPOXIED w/ SIMPSON "SET-3G" w/ 12" MIN. EMBEDMENT	3555	4940			
(w)	FRAME TO MASONRY	(2) VGT w/ (32) 1/4"x3" SDS WOOD SCREWS & (2) 5/8" Ø A.T.R. EPOXIED w/ SIMPSON "SET-3G" w/ 12" MIN. EMBEDMENT	<b>517</b> 0	7185			
X	FRAME TO FRAME	VGT w/ (16) 1/4"x3" SDS WOOD SCREWS & HDU4-SDS2.5 w/ (10) 1/4"x2 1/2" SDS WOOD SCREWS & (1) 5/8" Ø A.T.R.	3555	4940	MUGT15 w/ (22) 10d NAILS & HTT45 w/ (18) 10d NAILS & (1) 5/8" Ø A.T.R.	-	4
Y		NOT USED					

CONNECT ALL FLOOR TRUSSES TO INTERIOR BEARING WOOD WALLS / BEAMS w/ (2) 12d TOENAILS ALL TRUSS TO TRUSS CONNECTIONS ARE PROVIDED BY TRUSS MANUFACTURER, U.N.O ON PLAN.

G.C. MAY USE EITHER SIMPSON OR USP CONNECTIONS. SEE FRAMING PLAN FOR CONNECTOR CALL OU FOR SINGLE PLYTRUSSES, SCAB ON FULL HEIGHT SYP #1 2"x4" TO TRUSS VERTICAL WEB w/ (2) ROWS OF 10d NAILS @ 3" O.C. STAGGERED.
12" MIN. A.T.R. EMBEDMENT @ CMU BOND BEAM U.N.O. SCAB TRUSS CHORD w/ 4-0" 2x SYP #2 (MATCH CHORD LUMBER SIZE) w/ (2) ROWS 10d @ 4" FROM END & 4" O.C. STAGGERED; CENTER AT CONNECTOR LOCATION AS

(A) MINIMAL CONNECTOR UNO ON FRAMING PLAN

MUCH AS POSSIBLE.

CONNECTION FOR ALL ROOF / FLOOR TRUSSES TO MASONRY WALLS/ LINTELS/ ICF WALLS UNO ON PLAN

CONNECTION AT 24" OR 32" O.C. PENDING VERTICALS FOR ALL FLOOR TRUSSES PARALLEL TO MASONRY WALLS. CONNECTION FOR ALL HIP JACK (CORNER JACK) TO MASONRY WALLS/ICF WALLS/LINTELS

CONNECTION FOR ALL CONTINUOUS RIM BOARD TO TOP OF MASONRY AT 32" O.C MAX. w/ (2) AT EACH CORNER, G.C. TO VERIFY LOCATION DOES NOT CONFLICT WTJI (IF APPLICABLE) LAYOUT

CONNECT ALL FLOOR TRUSSES TO INTERIOR BEARING WOOD WALL/BEAMS W/ (2) 12d TONAILS

(B) MINIMAL CONNECTOR UNO ON FRAMING PLAN . CONNECTION FOR JACK TRUSS TO WOOD WALL OR BEAM

MINIMAL CONNECTOR UNO ON FRAMING PLAN

CONNECTION FOR ALL TRUSSES TO INTERIOR/EXTERIOR BEARING WOOD WALLS AND/OR BEAMS

## ROOF FRAMING NOTES

HINGLE OR METAL ROOFING SYSTEM (SEE ARCH.) SHEATHING - SEE (RSH) SCHEDULE TO SHT. FOR SHT'G & FASTENERS ON PRE-ENGINEERED WOOD TRUSSES AT 2'-0" O.C. MAX. OF CONVENTIONAL FRAME ROOF. (SEE PLAN FOR SIZE AND SPACING. SEE ARCHITECTURAL PLAN FOR TYPICAL ROOF SLOPE AND OTHER INFORMATION.

TILE ROOFING SYSTEM (SEE ARCH.) SEE [RSH] SCHEDULE THIS SHEET

THE EXTERIOR CEILING FOR THE ENTRIES AND PORCHES SHALL HAVE EITHER 7/16" OSB EXPOSURE 1 SHEATHING OR 1/2" DENSGLASS TO THE UNDERSIDE OF THE ROOF TRUSSES. ALL PANEL EDGES ARE TO BE BLOCKED SOLID WITH 2x4 #2 SYP WITH (3) 10d TOENAILS EACH END. THE SHEATHING IS TO BE NAILED WITH 8d NAILS AT 4" ON CENTER AT ALL EDGES AND THEN 8" ON CENTER IN FIELD

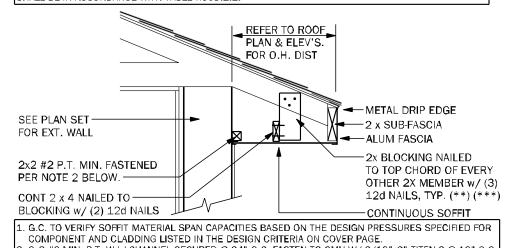
3. FOR UNDERLAYMENT REQUIREMENTS SEE R905.1.1.1

## --- NOTE TO FRAMER ---

IF ROOF TRUSS LAYOUT SHOWS TRUSS ID'S, THIS LAYOUT HAS BEEN PROVIDED BY THE CLIENT/ DESIGNER OR ARCHITECT TO USE FOR THE DESIGN OF THIS PROJECT. OTHERWISE A GENERIC LAYOUT HAS BEEN DETERMINED, BUT PRIOR TO CONSTRUCTION OR TRUSS FABRICATION, FINAL TRUSS LAYOUT AND TRUSS SHOP DRAWINGS ARE TO BE SUBMITTED TO ENGINEER OF RECORD (E.O.R.) FOR REVIEW AND APPROVAL. AT THIS TIME THE E.O.R. RESERVES THE RIGHT TO REVISE THE PLAN AS REQUIRED PER THE REVIEW OF THE FINAL TRUSS LAYOUT AND TRUSS SHOP DRAWINGS, ADDITIONAL FEE'S MAY APPLY. STARTING CONSTRUCTION OR TRUSS FABRICATION PRIOR TO THIS REVIEW IS NOT ADVISED. AND THE E.O.R. IS NOT RESPONSIBLE FOR ADDITIONAL COSTS DUE TO REVISIONS OF THE PLAN. IF CONVENTIONAL FRAMING IS SHOWN, NO TRUSS APPROVAL IS REQUIRED, UNLESS LAYOUT IS REVISED W/OUT WRITTEN APPROVAL FROM FDS.

## SEE PLAN SET FOR TRUSS BRACING AND **ADDITIONAL ROOF INFORMATION**

ALUMINUM FASCIA SHALL HAVE A MINIMUM THICKNESS OF 0.019" AND BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND THIS CODE. FASTENERS SHALL BE ALUMINUM OR STAINLESS STEEL. ALUMINUM FASCIA SHALL BE ATTACHED IN ACCORDANCE WITH SECTION R704.3.2 OR R704.3.3. THE DRIP EDGE SHALL COMPLY WITH R905.2.8.5, AND THE THICKNESS OF THE DRIP EDGE SHALL BE IN ACCORDANCE WITH TABLE R903.2.1.



. 2x2 #2 MIN. P.T. W/ J-CHANNEL SECURED @ 24" O.C. FASTEN TO CMU W/ 3/16"x3" TITEN 2 @ 16" O (ALT. PAF 0.145/0.157 & 0.300 WASHER W/ MIN. 1" EMBEDMENT @ 16" O.C. IF WOOD WALL. DIRECT APPLY TO STRUCTURE W/ 0.148"x31/4" NAILS @ 16"0.C. . (F) CHANNEL APPLICATION: 2x2 NOT REQUIRED SEE (PA) INSTALLATION GUIDE

(\*) REFER TO THE PRODUCT APPROVAL FOR INSTALLATION DETAILS

\*) ALUMINUM SOFFITS > 1'-4" BLOCKING REQUIRED. FOR SOFFITS < 1'-4" MID BLOCKING NOT REQUIRED MID BLOCKING PER R704.2.1

TYPICAL SOFFIT SUPPORT DETAIL

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 engineering portions of the drawing pages bearing engineer's signature and seal. CA No. 9161 AA26003115



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**DIVISION LOCATION:** GAINESVILLE

▼ Job Information:

OR

VE

LOT: BLK: SEC: SUB: Model Name / Number:

**1820** 

▼ Plan Issue Date: Wednesday, March 19, 2025 KA PROJECT NUMBER:

25-02685

**S-1** 

ROOF PLAN A

