LOT 3 TREE FROG LANE

RELEASE DATE: APRIL 24, 2021

TERMITE SPECIFICATIONS

PESTICIDES. BAITING SYSTEMS. AND PESTICIDES APPLIED TO WOOD. OR OTHER APPROVED METHODS OF TERMITE PROTECTION LABELED FOR USE A PREVENTIVE TREATMENT TO NEW ONSTRUCTION (SEE SECTION 202 REGISTERED TERMITICIDE) UPON COMPLETION OF THE PLICATION OF THE TERMITE PROTECTIVE TREATMENT. A CERTIFICATE OF COMPLIANCE SHALL B UED TO THE BUILDING DEPARTMENT BY THE LICENSED PEST CONTROL COMPANY THAT CONTAINS THE FOLLOWING STATEMENT: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE ESTABLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES." PREVENTION OF SUBTERRANEAN TERMITES. TREATMENT IS IN ACCORDANCE WITH RULES AND LAWS

1. METHOD OF TREATMENT SHALL BE APPROVED BY THE GOVERNING JURISDICTION "LIQUID BORATE OR BOR-A-COR" PRODUCT METHODS MUST BE DETERMINED AT PERMIT STAGE AND 2. PRESSURE TREATED LUMBER THAT HAS BEEN CUT OR DRILLED THAT EXPOSES UNTREATED PORTIONS OF WOOD ARE REQUIRED TO BE FIELD TREATED TO PREVENT INSECT INFESTATION. 3. OPTIONAL BORATE APPLIED TO ALL FRAME MEMBERS WITHIN 24" A.F.F.

- -NOTICE TO BUILDER AND ALL SUBCONTRACTORS- -

IT IS THE INTENT OF THE ENGINEER LISTED IN THE TITLEBLOCK OF THESE DOCUMENTS THAT THESE DOCUMENTS BE ACCURATE, PROVIDING LICENSED PROFESSIONALS CLEAR INFORMATION. EVERY ATTEMPT HAS BEEN MADE TO PREVENT ERROR. THE BUILDER AND ALL SUBCONTRACTORS ARE

REQUIRED TO: 1. REVIEW ALL THE INFORMATION CONTAINED IN THESE DOCUMENTS, PRIOR TO THE COMMENCEMENT OF ANY WORK. THE ENGINEER ARE NOT RESPONSIBLE FOR ANY PLAN ERRORS,

- OMISSIONS, OR MISINTERPRETATIONS UNDETECTED AND NOT REPORTED TO THE ENGINEER PRIOR TO CONSTRUCTION. 2. SHALL STRICTLY OBSERVE ALL APPLICATION CODES DURING THE COURSE OF CONSTRUCTION INCLUDING ALL STATE, CITY, AND COUNTY BUILDING, ZONING, ELECTRICAL, MECHANICAL, PLUMBING AND FIRE CODES. CONTRACTOR SHALL VERIFY ALL CODE REQUIREMENTS PRIOR TO
- COMMENCEMENT OF WORK. 3. THE ARCHITECT / ENGINEER SHALL NOT BE RESPONSIBLE FOR SAFETY PROCEDURES, THE MEANS AND METHODS OF CONSTRUCTION, TECHNOLOGIES, OR THE CONTRACTION TO CARRY OUT THE
- WORK IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICTAIONS OR RELATED CODES. 4 THE FRAMING PLAN SHOWN INDICATES THE "TRUSS SYSTEM" AND IS THE RESPONSIBILITY OF THE
- TRUSS SYSTEM ENGINEER (DESIGN PROFESSIONAL OF RECORD). THE TRUSS DESIGN ENGINEER (DELEGATED ENGINEER) HAS FINAL, RESONSIBILITY FOR EACH INDIVIDUAL TRUSS AND TRUSS PROFILE, AND IS TO SUBMIT A FINAL SET OF TRUSS ENGINEERING SIGNED AND SEALED TRUSS DRAWINGS TO DESIGN PROFESSIONAL OF RECORD FOR REVIEW PRIOR TO FABRICATION 5. ANY DISCRPANCY OR ERROR IN DIMENSIONS OR NOTES WITH IN THIS PLAN SHALL BE BROUGHT
- TO THE ATTENTION OF THE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO CONSTRUCTION. 6. ALL CONSTRUCTION MUST BE IN ACCORDANCE TO THE INFORMATION FOUND IN THESE DOCUMENTS. ANY QUESTIONS REGARDING THE INFORMATION FOUND IN THESE PLANS SHOULD BE DIRECTED TO OUR QUALITY ASSURANCE MANAGER AT 321-972-0491 IMMEDIATELY. NO BACK

CHARGES WILL BE CONSIDERED FOR REIMBURSEMENT BY THE THE ENGINEER WITHOUT ADVANCED NOTIFICATION AND APPROVAL BY THE ENGINEER. PAYMENTS WILL BE MADE IN ACCORDANCE TO THE TERMS OF THE AGREEMENT.

LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIALS. EXPANDED METAL OR WOVEN WIRE LATH SHALL BE ATTACHED TO WOOD SHEATHING WITH 1 1/2" LONG, 11 GAGE NAILS HAVING A 7/16" HEAD, OR 7/8" LONG, 16 GAUGE STAPLES, SPACED NOT MORE THAN 6 INCHES ON CENTER VERTICALLY AND HORIZONTALLY (REF. 2017 FRC R703.7.1).

CONCRETE CURING AND TESTING

CURING: PROTECT CONCRETE FOR 7 DAYS AGAINST MOISTURE LOSS, RAPID TEMPERATURE CHANGE, MECHANICAL INJURY AND INJURY FROM RAIN OR FLOWING WATER. MAINTAIN CONCRETE IN MOIST CONDITION AT TEMPERATURE ABOVE 50 DEGREES F, THROUGHOUT SPECIFIED CURING PERIOD. PROTECT FROM RAPID TEMPERATURE CHANGE AND RAPID DRYING FOR FIRST 24 HOURS FOLLOWING REMOVAL OF TEMPERATURE PROTECTION. START CURING ACTIVITIES AS SOON AS FREE WATER HAS DISAPPEARED FROM SURFACES OF CONCRETE AFTER PLACING AND FINISHING.

TESTING: CONCRETE TESTING FOR THIS PROJECT SHALL BE PAID FOR BY OWNER, AND SHALL CONSIST OF COMPRESSIVE TESTS MADE BY THE LABORATORY IN ACCORDANCE WITH ASTM C-31, FOLLOW ASTM C31 AND MAKE A SET OF SIX (6) STANDARD CYLINDERS FOR EACH 100 CU. YDS. OR FOR EACH DAYS POUR EXCEEDING 5 CU. YDS. TEST PER ASTM C39 AS FOLLOWS: TWO (2) SPECIMENS TESTED AT SEVEN (7) DAYS, ONE (1) AT 14 DAYS. TWO (2) TESTED AT 28 DAYS, AND ONE (1) HELD IN RESERVE. SLUMP TEST SHALL BE MADE IN ACCORDANCE WITH ASTM C-143 FOR EACH DAYS POUR, FOR EACH LOAD, OR AS DIRECTED BY ARCHITECT/ ENGINEER.

REINFORCING STEEL

REINFORCING STEEL SHALL BE NEW BILLET STEEL CONFORMING TO ASTM A615-GRADE 60, EXCEPT THAT NEW BILLET STEEL CONFORMING TO ASTM A615-GRADED 40 MAY BE USED FOR COLUMN TIES AND BEAMS STIRRUPS. ALL DETAILING AND ACCESSORIES SHALL CONFORM TO TYPICAL DETAILS SHOWN IN THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES ACI 315, LATEST EDITION".

ALL CONTINUOUS VERTICAL OR HORIZONTAL BARS IN FOOTINGS, FOUNDATIONS WALLS, SLABS AND OTHER CONCRETE SHALL BE LAP-SPLICED, WHERE NECESSARY OR DESIRABLE, BY WIRING TOGETHER IN CONTACT, LENGTH OF ALL #5 LAPS SHALL BE 40-BAR DIAMETERS OR 2'-1" MINIMUM, WHICHEVER IS GREATER (EXCEPT AS NOTED BY DRAWINGS). ALL BARS AT END OF CONTINUOUS FOOTINGS OR BEAMS SHALL BE CONT. TO FAR SIDES OF INTERSECTING ELEMENTS.

ALL SLABS ON GRADE SHALL BE 4" THICK AND REINFORCED WITH 6 X 6 - WI.4 X WI.4 W.W.F. UNLESS OTHERWISE NOTED. LAP FABRIC 8" AT EDGES AND ENDS AND PROVIDE ADDITIONAL REINFORCING WHERE SHOWN ON DRAWINGS. PLACE MESH IN CENTER OF SLAB. MOISTURE BARRIER BENEATH FLOOR SLABS SHALL BE 6 MIL POLYETHYLENE. USE FLAT SHEETS OF WELDED WIRE FABRIC. ROLLS WILL NOT BE PERMITTED.

FOUNDATIONS

GEOTECHNICAL ENGINEERING EVALUATION AND SUBSURFACE EXPLORATION SHALL PERFORM BY OWNER'S GEOTECHNICAL CONSULTANT.

MAXIMUM ALLOWABLE SOIL PRESSURE IS ASSUMED TO BE 2000 POUNDS PER SQUARE FOOT.

SPREAD FOOTINGS SHALL BEAR ON SOIL COMPACTED TO A DENSITY OF AT LEAST 95 % OF MODIFIED PROCTOR MAXIMUM DENSITY (A.S.T.M. D1557), FOR ALL REQUIRED FILL AND FOR AT LEAST 1'- 0" BELOW FINISHED FLOOR UNLESS MORE STRINGENT REQUIREMENTS ARE RECOMMENDED BY OWNERS GEOTECHNICAL CONSULTANT.

GENERAL STRUCT

CAST IN PLACE REINFORCE . ALL CONCRETE SHALL HAVE A MINIMUM COMPRES

PLUS OR MINUS 1". AND HAVE 2 TO 5% AIR ENTRA 2 HOOKS SHALL BE PROVIDED AT DISCONTINUOUS EN 3. HORIZONTAL FOOTING BARS SHALL BE BENT 25" AF 4. CONCRETE COVER MIN. 3" WHEN EXPOSED TO EAR 5 WELDED WIRE FABRIC SHALL CONFORM TO ASTM A1

PLACE BY USING ADDITIONAL CROSS- REINFORCING PER DETAIL MS05/L1. 7. HIGH STRENGTH SIMPSON SET EPOXY-TIE WAS USED

MUST FIRST CONTACT THE ENGINEER OF RECOR 8. WHERE PROJECT IS TO BE LOCATED IN KNOWN RAD TO BE IMPLEMENTED. F303.4 CONCRETE STRENGT THESE PLANS THAT INDICATE 2500 P.S.I. SHALL BE

MASONRY

- 1. HOLLOW LOAD BEARING UNITS SHALL BE NORMAL WE STRENGTH OF 1900 PSI (fm = 1500 PSI)
- 2. MORTAR SHALL BE TYPE "S", CONFORMING TO ASTM
- 3. COARSE GROUT SHALL CONFORM TO ASTM C476 WIT OF 3000 PSI SLUMP 8" TO 11". CONTINUOUS MASONF
- 4. GRADE 40 U.N.O. VERTICAL REINFORCEMENT SHALL 5. GRADE 40 U.N.O.VERTICAL REINFORCEMENT SHALL F WHICH EVER IS LESS. REINFORCING SHALL BE PLA
- 6. REINFORCING STEEL SHALL BE LAPPED PER DETAIL 7. GROUT STOPS SHALL BE PROVIDED BELOW BOND BE
- FLOW OF GROUT INTO CELLS BELOW. THE USE OF FE 8. TEMPORARY BRACING AND SHORING OF WALL TO PR 9 TYPICAL FILLED CELL REINFORCING SIZE AND SPACING
- 10. DO NOT APPLY UNIFORM LOADS TO MASONRY WALL 11. CONSOLIDATE POURS EXCEEDING 12" IN HEIGHT BY

WOOD

- 1. ALL EXTERIOR WOOD STUDS WALLS, BEARING WALLS END BRACING) SHALL BE EITHER AS SPECIFIED IN F MATERIAL SHALL BE USED. AT A MINIMUM. ALL WO
- 2. ALL LUMBER SPECIFIED ON DRAWINGS ARE INTENDE FIRE SAFETY SYSTEMS ARE THE RESPONSIBILITY (3. ANY WOOD FRAME INTERIOR BEARING WALL STUDS 1
- SHIFLDS, ALL HOLES OVER 1" IN DIA, FOR PLUMBING 4. MANY OF THE NEW PRESSURE TREATED WOODS USE VERIFY THE TYPE OF WOOD TREATMENT AND TO SEL
- CBA-A OR CA-B REQUIRE HOT-DIPPED GALVANIZED O 5. ALL EXPOSED WOOD OR WOOD IN CONTACT WITH EAI 6. UNTREATED WOOD SHALL NOT BE IN DIRECT CONTAC
- WITHOUT WOODEN TOP PLATES. 7. SEE PLAN FOR STUD PACK AND BEAM NAILING PATTE
- 8. ALL ENGINEERED LUMBER TO HAVE THE FOLLOWING 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
- 9. SEE PLAN NOTE FOR ADDITIONAL ROOF, WALL, SHEA 9.1. ROOF DECK: PLYWOOD C-C/C-D, EXTERIOR OR OS 9.2. FLOOR SHEATHING: T&G A-C GROUP 1 APA RATED 9.3. WALL SHEATHING: 7 /16" STUCTURAL I OSB EXPC PANELS AT EDGE AND END JOINTS TO ALLOW F

UNLESS SPECIFIED.

UPLIFT CONNECTORS

1. UPLIFT CONNECTORS SUCH AS HURRICANE CLIPS, TF EXPOSED TO UPLIFT OR LATERAL FORCES. INTERIO THESE WALLS WOULD NOT NEED TO HAVE CONNECT WALLS.AND STRUCTURAL PLANS FOR MORE INFO.

STRUCTURAL STEEL

- 1. MATERIAL SPECIFICATIONS: WIDE FLANGE SE A53, TYPE E OR S, Fy = 35 KSI ALL OTHER S
- 2. STRUCTURAL BOLTS SMALLER THAN 5/8" DIA. BOLTS CAST IN CONCRETE: ASTM A36 OR AS TO ENGINEER OF RECORD BEFORE FABRICA
- 3. STRUCTURAL CONNECTIONS: ALL STRUCTUR THE SPECIFICATION, SLIP CRITICAL (SC) B
- THREADED ROD SHALL CONFORM TO A36 SHOP AND FIELD WELDS: E70XX ELECTRO REVIEW AND APPROVAL. WELDED CONNE
- 4. SUBMIT SHOP DRAWINGS INDICATING ALL SH CONNECTION ATTACHMENTS, FASTENERS 5. STRUCTURAL STEEL SHALL RECEIVE SHOP C
- PROTECTION 6. A CERTIFIED TESTING AGENCY SHALL BE END

PRE ENGINEERED WOO

- 1. ALL PREFABRICATED WOOD TRUSSES SHALL STRUCTURAL PLAN 2. PREFABRICATED WOOD TRUSSES SHALL BE
- STRESS-GRADE LUMBER AND ITS FASTENE 3. TRUSS MEMBERS AND CONNECTIONS SHA
- THE LIVE LOADS GIVEN IN THE NOTES AND 4. BRIDGING FOR PRE-ENGINEERED TRUSSES 5. TRUSS ELEVATIONS AND SECTIONS ARE FOR
- TRUSS MANUFACTURER IN ACCORDANCE 6. DESIGN SPECIFICATIONS FOR LIGHT WEIGHT 7. PRE-ENGINEERED WOOD TRUSSES SHALL BE SUBMITTALS SHALL INCLUDE TRUSS FRAM
- PERMANENT BRACING AND/OR BRIDGING A BY A FLORIDA REGISTERED STRUCTURAL 8. THE TRUSS MANUFACTURER SHALL DETERM

FIELD REPAIR NOTES

- 1. MISSED "J" BOLTS FOR WOOD BEARING WALL BINDER FOLLOWING ALL MANUFACTURER'S R DEPTH AT FLOOR STEPS. 2. FOR MISSED VERT. DOWELS, DRILL A 3/4" DIAM FILLED HOLE. USE A TWO PART EMBEDMEN INSTRUCTIONS. ASSURE THAT ALL DUST AN
- APPLYING THE EPOXY. ALLOW THE EPOXY POUR 3. FOR MORTAR JOINTS LESS THAN 1/4", PROVIDE 4. MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED WITH (1) SIMPSON MTSM16 TWIST STRAP W/ (4) 1/4"x 21/4" TITENS TO MASONRY AND
- ÎNSTALL (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. 5. 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 MISSED, CONTACT THE EOR FOR SUBSTITUTION.

A NEW RESIDENCE FOR THE: GARCIA FAMILY

GENERAL STRUCTURAL NOTES	STRUCTURAL DESIGN CRITERIA			
AST IN PLACE REINFORCED CONCRETE	CODE CRITERIA			
L CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3000 PSI (SLABS) 3000 PSI (COLUMNS AND BEAMS), A SLUMP OF 5" PLUS OR MINUS 1", AND HAVE 2 TO 5% AIR ENTRAINMENT, AND A MAXIMUM WATER/CEMENT RATIO OF 0.63 OOKS SHALL BE PROVIDED AT DISCONTINUOUS ENDS OF ALL TOP BARS OF BEAMS. ORIZONTAL FOOTING BARS SHALL BE BENT 25" AROUND CORNERS OR CORNER BARS WITH A 25" LAP PROVIDED EA WAY. ONCRETE COVER MIN. 3" WHEN EXPOSED TO EARTH OR 1 1/2" TO FORM U.N.O. (ELDED WIRE FABRIC SHALL CONFORM TO ASTM A1064A / A1064M. WWF SHALL BE LAPPED AT LEAST 6" AND CONTAIN AT LEAST ONE CROSS WIRE WITHIN THE 6". POLYPROPYLENE FIBERS FOR SLABS ON GRADE TO BE MIN 1.5 LBS OF FIBER PER CUBIC YARD LL REINFORCING STEEL / STIRRUPS AND TIES SHALL BE NEW DOMESTIC DEFORMED BARS FREE FROM RUST, SCALE & OIL & SHALL MEET ASTM A615/ A615M GRADE 40 U.N.O. REINFORCING FOR FOOTING SHALL BE SUPPORTED ON PRE-CAST CONCRETE PADS, STEEL WIRE OR PLASTIC SUPPORT. TOP REINFORCING SHALL BE POSITIVELY SUPPORTED BY TEMPORARY STRINGERS. DOWELS FOR COLUMNS & FILLED CELLS SHALL BE SECURED IN PLACE BY USING ADDITIONAL CROSS- REINFORCING TIED TO FOOTING REINFORCING. SPLICES IN REINFORCING WHERE PERMITTED SHALL BE AS PER DETAIL MS05/L1. (BH STRENGTH SIMPSON SET EPOXY-TIE WAS USED IN THE DESIGN OF THIS PRODUCT. IF CONTRACTORS WISH TO USE A DIFFERENT EPOXY, THEY MUST FIRST CONTACT THE ENGINEER OF RECORD FOR WRITTEN APPROVAL. (HERE PROJECT IS TO BE LOCATED IN KNOWN RADON GAS PREVALENT AREAS, APPENDIX "F" OF THE FLORIDA BUILDING CODE 5TH EDITION (2014) IS TO BE IMPLEMENTED. F303.4 CONCRETE STRENGTH IN THESE AREAS ARE TO BE A MINIMUM OF 3000 P.S.I. THEREFORE, ANY AND ALL NOTES ON THESE PLANS THAT INDICATE 2500 P.S.I. SHALL BE REPLACED WITH 3000 P.S.I. FOR THE CONCRETE STRENGTH. ASONRY	 FLORIDA BUILDING CODE 7TH EDITION (2020) RESIDENTIAL. FLORIDA FIRE PREVENTION CODE 7TH EDITION (2020) FLORIDA BUILDING CODE ACCESSIBILITY 7TH EDITION (2020) NFPA 70-14. NATIONAL ELECTRICAL CODES. (NEC 2017) & 6TH FBCR CH. 34-43 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE - (ACI 318-14). SPECIFICATIONS FOR STRUCTURAL CONCRETE - (ACI 301-10). BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES - (ACI 530-13). NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION - 2015 EDITION. WOOD FRAMED CONSTRUCTION MANUAL 2015 EDITION. APA PLYWOOD DESIGN SPECIFICATION 2012 EDITION. AMERICAN SOCIETY OF CIVIL ENGINEERS: ASCE/SEI 7-16 ALUMINUM DESIGN MANUAL - 2015 EDITION 			
DLLOW LOAD BEARING UNITS SHALL BE NORMAL WEIGHT, GRADE N, TYPE 2, CONFORMING TO ASTM C90-014, WITH A MINIMUM NET COMPRESSIVE STRENGTH OF 1900 PSI (1 ^m = 1500 PSI) ORTAR SHALL BE TYPE "S", CONFORMING TO ASTM C270-12A. OARSE GROUT SHALL CONFORM TO ASTM C476 WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3000 PSI SLUMP 8" TO 11". CONTINUOUS MASONRY INSPECTIONS ARE REQUIRED DURING CONSTRUCTION RADE 40 U.N.O. VERTICAL REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS WITH THE CELLS FILLED WITH COARSE GROUT. RADE 40 U.N.O. VERTICAL REINFORCEMENT SHALL BE HELD IN POSITION AT THE TOP AND BOTTOM AND AT A MAXIMUM SPACING OF 192 DIA OR 10FT WHICH EVER IS LESS. REINFORCING SHALL BE PLACED IN THE CENTER OF THE MASONRY CELL WITH MIN 1/2" CLEARANCE TO INSIDE FACE. EINFORCING STEEL SHALL BE LAPPED PER DETAIL MS05/L1, UNLESS OTHERWISE NOTED ON THE DRAWINGS. ROUT STOPS SHALL BE ROVIDED BELOW BOND BEAM. PLASTIC SCREEN, METAL LATH STRIP OR CAVITY CAPS MAY BE USED TO PREVENT THE LOW OF GROUT INTO CELLS BELOW. THE USE OF FELT PAPER AS A STOP IS PROHIBITED. EMPORARY BRACING AND SHORING OF WALL TO PROVIDE STABILITY DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR YPICAL FILLED CELL REINFORCING SIZE AND SPACING SHALL BE ABOVE AND BELOW ALL WALL OPENINGS DO NOT APPLY UNIFORM LOADS TO MASONRY WALLS FOR (3) DAYS AND NO CONCENTRATED LOADS FOR (7) DAYS. PER CODE ACI 318-14 CONSOLIDATE POURS EXCEEDING 12" IN HEIGHT BY MECHANICAL VIBRATION, AND RECONSOLIDATE BY MECHANICAL VIBRATION AFTER INITIAL	GENERAL ROOF LOADINGSHINGLE ROOF (PSF)METAL ROOF (PSF)TILE ROOF (PSF)TOP CHORD LL TOP CHORD DL20 1020 1020 1520 25			
WATER LOSS AND SETTLEMENT HAS OCCURRED. GROUT SHALL BE FLUSH WITH TOP OF WALL.	BOTTOM CHORD LL* 0 0 0 0 0 BOTTOM CHORD DL 10 10 10 10 10 TOTAL (PSF) 40 40 45 55			
L EXTERIOR WOOD STUDS WALLS, BEARING WALLS, SHEAR WALLS, AND MISC. STRUCTURAL WOOD FRAMING MEMBERS, (I.E. BLOCKING OR GABLE END BRACING) SHALL BE EITHER AS SPECIFIED IN PLAN OR IN DETAILS. IF CONFLICTS OCCUR BETWEEN PLAN AND DETAILS, THE STRONGEST MATERIAL SHALL BE USED. AT A MINIMUM, ALL WOOD STRUCTURAL FRAMING MEMBERS SHALL BE SPF #2. LL LUMBER SPECIFIED ON DRAWINGS ARE INTENDED FOR DRY USE ONLY (MOISTURE CONTENT 19% OR LESS), U.N.O. ALL WATERPROOFING AND FIRE SAFETY SYSTEMS ARE THE RESPONSIBILITY OF THE CONTRACTOR AND ARE TO BE DESIGNED AND DETAILED BY OTHERS NY WOOD FRAME INTERIOR BEARING WALL STUDS THAT HAVE HOLES IN THE CENTER OF THE STUD UP TO 1" DIA. SHALL HAVE STUD PROTECTION	BOTTOM CHORD LL (OPT) ATTICS W/ LIMITED STORAGE20 20 20 20ATTICS W/ HEAVY STORAGE50 10 (NON-CONCURRENT)			
HIELDS. ALL HOLES OVER 1" IN DIA. FOR PLUMBING LINES, ETC. SHALL BE REPAIRED WITH SIMPSON HSS2 STUD SHOES, TYP., U.N.O. ANY OF THE NEW PRESSURE TREATED WOODS USE CHEMICALS THAT ARE CORROSIVE TO STEEL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ERIFY THE TYPE OF WOOD TREATMENT AND TO SELECT APPROPRIATE CONNECTORS THAT RESIST CORROSION. FOR EXAMPLE, ACQ-C, ACQ-D,	NOTE: LL REDUCTIONS ARE ALLOWED PER CODE BUT ONLY WITH WRITTEN APPROVAL FROM EOR OR INDICATED ON PLAN			
BA-A OR CA-B REQUIRE HOT-DIPPED GALVANIZED OR STAINLESS STEEL FASTENERS. DOT SODIUM BORATE (SBX) DOES NOT. LL EXPOSED WOOD OR WOOD IN CONTACT WITH EARTH OR CONCRETE TO BE PRESSURE TREATED. NTREATED WOOD SHALL NOT BE IN DIRECT CONTACT WITH CONCRETE OR MASONRY. SEAT PLATES SHALL BE PROVIDED AT BEARING LOCATIONS	TOP CHORD LL 40 (PSF) COMMENTS:			
WITHOUT WOODEN TOP PLATES. EE PLAN FOR STUD PACK AND BEAM NAILING PATTERNS LL ENGINEERED LUMBER TO HAVE THE FOLLOWING MIN VALUES U.N.O.	TOP CHORD DL 10 (PSF) BOTTOM CHORD LL 0 (PSF)			
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) MIN.	BOTTOM CHORD DL 5 (PSF) SPECIAL FLOOR LOADING			
EE PLAN NOTE FOR ADDITIONAL ROOF, WALL, SHEAR WALL AND FLOOR SHEATHING REQUIREMENTS ALONG W/ NAILING INFORMATION OTHERWISE: 1. ROOF DECK: PLYWOOD C-C/C-D, EXTERIOR OR OSB 2. FLOOR SHEATHING: T&G A-C GROUP 1 APA RATED (48/24) SHEATHING SHALL FINISH FLUSH TO EXTERIOR WALL FACE. 3. WALL SHEATHING: 7 /16" STUCTURAL I OSB EXPOSURE 1 OR 132" RATED OSB EXPOSURE 1. A MINIMUM 8" SPACE IS RECOMMENDED BETWEEN PANELS AT EDGE AND END JOINTS TO ALLOW FOR EXPANSION. PER R604.3 SHEATHING SHALL NOT BE USED AS WEATHER RESISTANCE BARRIER UNLESS SPECIFIED.	GAME ROOM / READING ROOMS BALCONIES/ DECKS60 (PSF) 40(PSF)COMMENTS: d. A SINGLE CONCENTRATED LOAD APPLIED IN ANY DIRECTION AT ANY DINT ALONG THE TOP.BALCONIES OVER 100 SQ:FT LIGHT STORAGE100(PSF) 125(PSF)APPLIED IN ANY DIRECTION AT ANY POINT ALONG THE TOP.GUARDRAILS AND HANDRAILS GUARDRAIL IN-FILL COMPONENTS STAIRS / NON SLEEPING ROOMS200(LBS)(d) 40 (PSF)f. BALUSTERS AND PANELS FILLERS SHALL BE DESIGNED TO WITHSTAN A HORIZONTALLY APPLIED NORMAL			
PLIFT CONNECTORS	SLEEPING ROOMS 30 (PSF) LOAD OF 50 POUNDS ON AN AREA LIBRARIES - STACK ROOMS 150(PSF) EQUAL TO 1 SQ. FT.			
PLIFT CONNECTORS SUCH AS HURRICANE CLIPS, TRUSS ANCHORS AND ANCHOR BOLTS ARE ONLY REQUIRED ON MEMBERS IN WALLS THAT ARE EXPOSED TO UPLIFT OR LATERAL FORCES. INTERIOR LOAD BEARING WALLS ARE NOT ALWAYS EXPOSED TO UPLIFT FORCES. THE MEMBERS OF THESE WALLS WOULD NOT NEED TO HAVE CONNECTORS APPLIED. PLEASE COORDINATE THE TRUSS ENGINEER FOR THE LOCATION OF THESE WALLS.AND STRUCTURAL PLANS FOR MORE INFO.	DEFLECTION CRITERIA ROOF TRUSSES* LL/360 TL/240 ROOF RAFTERS LL/180 TL/120 ROOF RAFTERS (W/O CLG) LL/360 TL/240 FLOOR TRUSSES/ BEAMS ** LL/360 TL/240 FLOOR I-JOIST*** LL/480 TL/240 **TL MAX 2" UP TO 40FT SPAN ****TL MAX 1/4" DIFFERENTIAL BETWEEN ***TL MAX 3/4"			
STRUCTURAL STEEL	*** TL MAX 1/2"			
 MATERIAL SPECIFICATIONS: WIDE FLANGE SECTIONS: ASTM A992, GRADE 50, Fy=50 KSI TUBE STEEL (HSS): ASTM A500, GRADE B, Fy = 46 KSI PIPE STE A53, TYPE E OR S, Fy = 35 KSI ALL OTHER STRUCTURAL & MISC. STEEL: A36 Fy=36 KSI STRUCTURAL CONNECTIONS: ALL STRUCTURAL BOLTS TO BE STRUCTURAL BOLTS SMALLER THAN 5/8" DIA. TO BE A307 THREADED ROD SHALL CONFORM TO A36 OR A307 ANCHOR BOLTS SHALL CONFORM TO A36 BOLTS CAST IN CONCRETE: ASTM A36 OR ASTM A-307 SHOP AND FIELD WELDS: E70XX ELECTRODES STEEL REINFORCEMENT SHOP DRAWINGS TO B TO ENGINEER OF RECORD BEFORE FABRICATION FOR REVIEW AND APPROVAL STRUCTURAL CONNECTIONS: ALL STRUCTURAL BOLTS TO BE A325N U.N.O. ALL A325N BOLTS SHALL BE BROUGHT TO A "SNUG-TIGHT" CONDITION, A THE SPECIFICATION. SLIP CRITICAL (SC) BOLTS MUST BE FULLY TENSIONED PER SPECIFICATION STRUCTURAL BOLTS SMALLER THAN 5/8" DIA. TO THREADED ROD SHALL CONFORM TO A36 OR A307 ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 ALL BOLTS CAST IN CONCRETE: ASTM A36 OF SHOP AND FIELD WELDS: E70XX ELECTRODES STEEL REINFORCEMENT SHOP DRAWINGS TO BE PROVIDED TO ENGINEER OF RECORD BEFORE FAB REVIEW AND APPROVAL. WELDED CONNECTIONS: ELECTRODES - E70XX UNO (LOW HYDROGEN). FILLET WELDS SHALL BE 3/6" UNO. SUBMIT SHOP DRAWINGS INDICATING ALL SHOP AND ERECTION DETAILS INCLUDING PROFILES, SIZES, SPACING, AND LOCATIONS OF STRUCTURAL N CONNECTION ATTACHMENTS, FASTENERS, LOAD, AND TOLERANCES. STRUCTURAL STEEL SHALL RECEIVE SHOP COAT OF PRIMER (COLOR AS DIRECTED BY ARCHITECT) EXCEPT FOR AREAS WHICH WILL RECEIVE SPRA PROTECTION A CERTIFIED TESTING AGENCY SHALL BE ENGAGED TO PERFORM INDUSTRY STANDARD INSPECTIONS TO ENSURE CONFORMANCE WITH PLANS ANE SPECIFICATIONS (IF PROVIDED). SUBMIT REPORTS TO ARCHITECT AND ENGINEER. 	E A325N U.N.O STM F1554 ALL BE PROVIDED AS DEFINED IN D BE A307 R ASTM A-307 BRICATION FOR MEMBERS, AY-ON FIRE D I COVER SHEET STRUCTURAL NOTES, CODE COMPLIANCE, SPECS AND WIND PRESSURES			
PRE ENGINEERED WOOD TRUSSES	2 SITE PLAN 3 FOUNDATION PLAN AND			
 ALL PREFABRICATED WOOD TRUSSES SHALL BE SECURELY FASTENED TO THEIR SUPPORTING WALLS OR BEAMS WITH HURRICANE CLIPS OR ANCHO STRUCTURAL PLAN PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR 	ORS PER FOOTING DETAILS R 4 FLOOR PLAN NOTED AND			
STRESS-GRADE LUMBER AND ITS FASTENERS" AS RECOMMENDED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION. 3. TRUSS MEMBERS AND CONNECTIONS SHALL BE PROPORTIONED (WITH A MAXIMUM ALLOWABLE STRESS INCREASE FOR LOAD DURATION OF 25%) TO THE LIVE LOADS GIVEN IN THE NOTES AND TOTAL DEAD LOAD.	TO WITHSTAND 5 FLOOR PLAN DIMENSIONED			
4. BRIDGING FOR PRE-ENGINEERED TRUSSES SHALL BE AS REQUIRED BY THE TRUSS MANUFACTURER UNLESS NOTED ON THE PLANS. 5. TRUSS ELEVATIONS AND SECTIONS ARE FOR GENERAL CONFIGURATION OF TRUSSES ONLY. WEB MEMBERS ARE NOT SHOWN, BUT SHALL BE DESIG TRUSS MANUFACTURER IN ACCORDANCE WITH THE FRAMING DESIGN LOADS:				
 DESIGN SPECIFICATIONS FOR LIGHT WEIGHT METAL PLATE CONNECTED WOOD TRUSSES PER THE TRUSS PLATE INSTITUTE TPI LATEST EDITION. PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH SPECIFIED LOADS AND GOVERNING CODES SUBMITTALS SHALL INCLUDE TRUSS FRAMING PLANS AND DETAILS SHOWING MEMBER SIZES, BRACING, ANCHORAGE, CONNECTIONS, TRUSS LOC 	CATIONS, AND ROOF TRUSS LAYOUT			
PERMANENT BRACING AND/OR BRIDGING AS REQUIRED FOR ERECTION AND FOR THE PERMANENT STRUCTURE. EACH SUBMITTAL SHALL BE SIGNI BY A FLORIDA REGISTERED STRUCTURAL ENGINEER. SUBMIT 3 COPIES FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. 8. THE TRUSS MANUFACTURER SHALL DETERMINE ALL SPANS WORKING POINTS, BEARING POINTS, AND SIMILAR CONDITIONS. TRUSS SHOP DRAWING	8 SECTIONS AND DETAILS			
SHOW ALL TRUSSES, ALL BRACING MEMBERS, AND ALL TRUSS TO TRUSS HANGERS.	9 ELECTRICAL PLAN			
	10 WATERPROOFING DETAILS			
1. MISSED "J" BOLTS FOR WOOD BEARING WALLS MAY BE SUBSTITUTED WITH 1/2" DIA. EPOXY ANCHORS WITH 7" EMBEDMENT. SIMPSON "SET" EPOXY A	ADHESIVE 11 LINTEL LOADING TABLES			
 MISSED "J" BOLTS FOR WOOD BEARING WALLS MAY BE SUBSTITUTED WITH 1/2" DIA. EPOXY ANCHORS WITH 7" EMBEDMENT. SIMPSON "SET" EPOXY A BINDER FOLLOWING ALL MANUFACTURER'S RECOMMENDATIONS OR SIMPSON 1/2" TITEN HD BOLTS WITH MINIMUM 7" EMBEDMENT. SEE PLAN FOR EI DEPTH AT FLOOR STEPS. 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 FILLED HOLE. USE A TWO PART EMBEDMENT EPOXY (SIMPSON HIGH STRENGTH EPOXY-TIE ANCHORING ADHESIVE) MIXED PER THE MANUFACTUR INSTRUCTIONS. ASSURE THAT ALL DUST AND DEBRIS FROM DRILLING ARE REMOVED FROM THE HOLE BY BRUSHING AND USING COMPRESSED AII 	EMBEDMENT 12 CONNECTOR SCHEDULE AND DETAILS D THE EPOXY DETAILS			

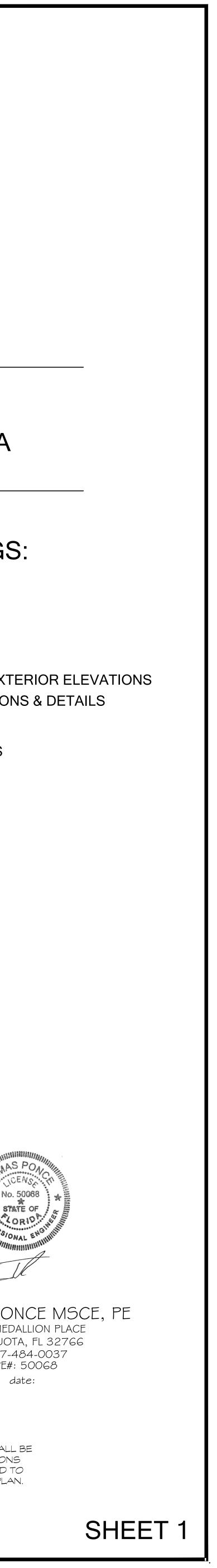
6. IF MISSED, MSTAM36 OR MSTAM40 STRAP IS MISSED FOR 2ND FLOOR JAMB STUD CONNECTION, CONTRACTOR MAY INSTALL SIMPSON HTT5 W/ (26) 16d x 21/2" NAILS AND 5/8" ANCHOR BOLT SET IN SIMPSON HIGH STRENGTH EPOXY W/ MIN 6" EMBEDMENT AND MIN 3" EDGE DISTANCE. CONTACT EOR IF STRAPS ARE MISSED UNDER GIRDER JAMB STUD LOCATIONS.

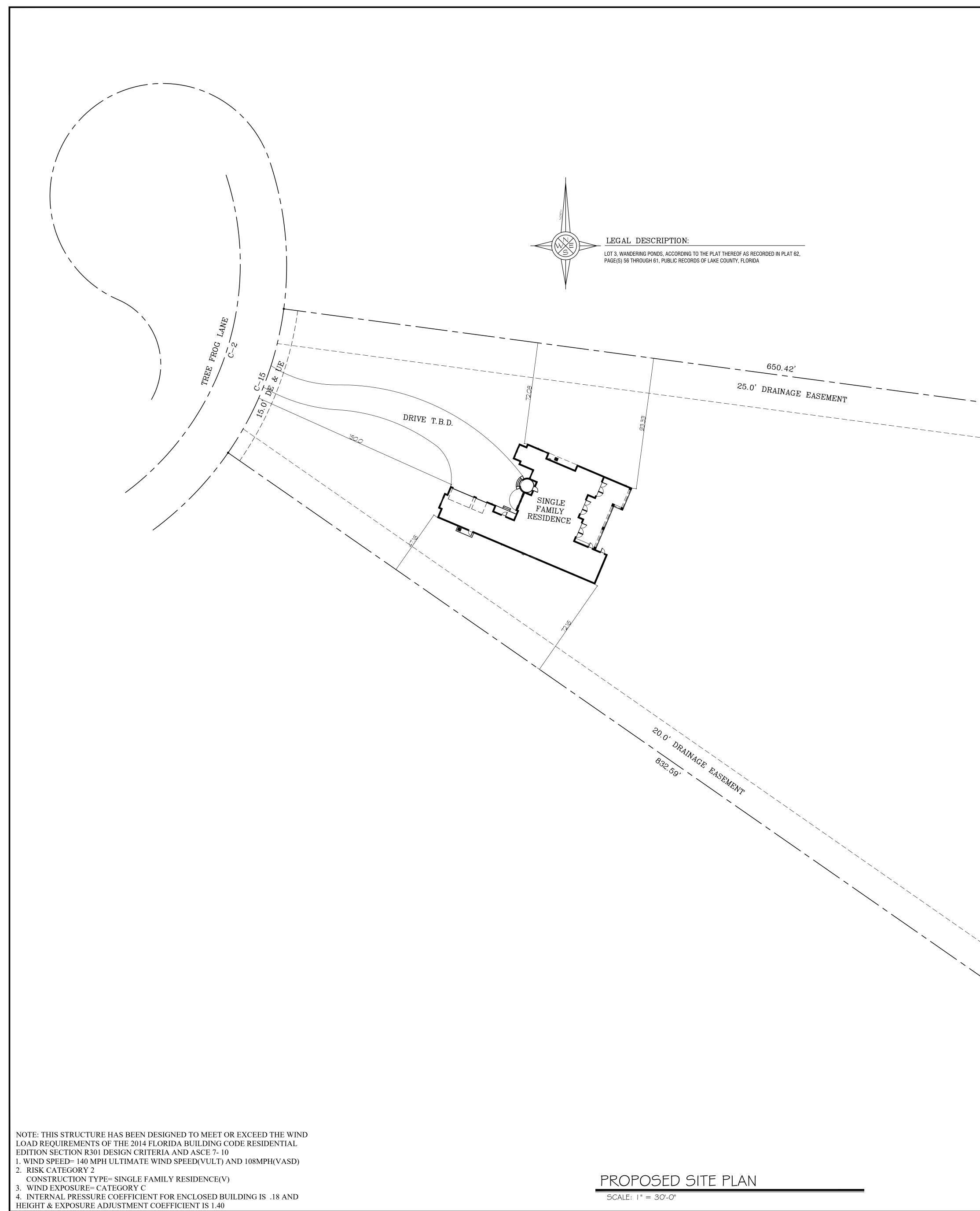
(7)-10d NAILS TO TRUSS FOR UPLIFTS LESS THAN 860 LBS (USE (2) MTSM16 FOR UPLIFTS LESS THAN 1720#). IF CORNER STRAP IS MISSED, CONTRACTOR IS TO

COUNTY OF LAKE STATE OF FLORIDA

COMPLETED BUILDING.

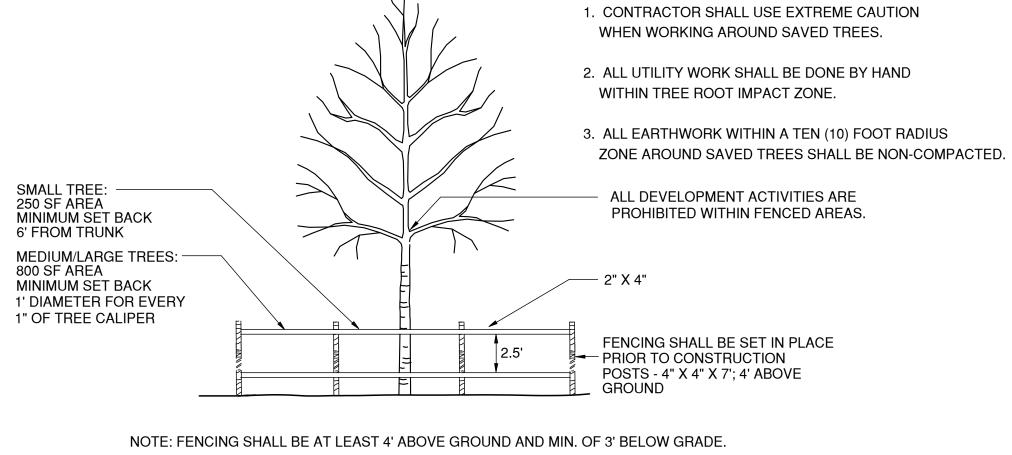
ND LOADING CRITERIA ASCE 7-16		
SPEED (ULTIMATE)140.0 MPHSPEED (ALLOWABLE)108.0 MPHSURE CATEGORYCING CATEGORYIIING TYPEV	ASCE 7-16 WIND PRESSURE AND SUCTION DIAGRAMS	INDEX OF DRAWINGS
DSURE CLASSIFICATION NAL PRESSURE COEFFICIENT MEAN ROOF HEIGHT FOR TYPICAL SINGLE STORY BUILDING T, AND FOR 2 STORY IS 30 FEET ENCLOSED +/- 0.18 MEAN BUILDING		1. COVER SHEET
E 7-16 WALL DESIGN ALLOWABLE COMPONENTS CLADDING WIND PRESSURES AND SUCTIONS FOR MEAN ROOF HEIGHT ≤ 60 ft	$ \begin{array}{c} & 2 \\ & 5 \\ & 4 \\ $	2. SITE PLAN 3. FOUNDATION PLAN 4. FLOOR PLAN - NOTED
EFFECTIVE WIND AREA (SQ FEET)WIND PRESSURE AND SUCTION (PSF) (+) VALUE DENOTES PRESSURE (-) VALUE DENOTES SUCTIONAREA(4)(5)(1)	5 6 Xex x 2 DIAGRAM GABLE	5. FLOOR PLAN - DIMENSIONED 6. FRONT, REAR & RIGHT SIDE EXT
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c} 3 & 2 \\ 3 & 4 \\ 5 \\ 4 \\ 3 \\ 4 \\ 3 \\ 4 \\ 4 \\ 4 \\ 3 \\ 4 \\ 4 \\ 3 \\ 4 \\ 4 \\ 3 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4$	7. LEFT SIDE EXTERIOR ELEVATION 8. ROOF PLAN 8.1. ROOF TRUSS LAYOUT 9. BUILDING SECTION A / DETAILS
$GARAGE DOORS^*$ SOFFIT $9'-0" \ge 7'-0"$ $16'-0" \ge 7'-0"$ $(+) 31.1$ 9 $(+) 29.8$ $(-) 47.0$ $(-) 35.0$ 9 $(-) 33.1$ $(-) 47.0$	55 Ver at DIAGRAM HIP	10. ELECTRICAL PLAN 11. WATER PROOFING DETAILS
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$3 + \frac{2}{1} + \frac{1}{2} + \frac{2}{5} + \frac{2}{5} + \frac{2}{5} + \frac{1}{2} + \frac{2}{5} + $	12. STRUCTURAL DETAILS 13. STRUCTURAL DETAILS
>	DIAGRAM FLAT/HIP/GABLE	
AREA 1 2e 2n 2r 10 - 19.99 27 (+) 30.0 (-) 70.3 31 (+) 30.0 (-) 70.3 35 (-) 112.1 39 (-) 112.1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	11111
		MINIMA AS
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		No. No. No. No. No. No. No. No.
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	[Tomas Po	nas been digitally signed and sealed by once PE, FL # 0050068], on the date adjacent
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	considered	. Printed copies of this document are not d signed and sealed and the signature must on any electronic copies.
GENERAL PRESSURE NOTES		
 <u>NOTES:</u> 1. ABOVE SHOWN PRESSURES ARE ULTIMATE WIND PRESSURES TO BE APPLIED AS REQUIRED. 2. "a" = END ZONE IS ONLY WITHIN 6'-0" OF ALL EXTERIOR BUILDING CONTRACTED PRESSURES CAN BE INTERPOLATED FOR OTHER DOOD OTHERWISE USE LOAD ASSOCIATED WITH THE LOWER EFFECTIV 3. DESIGNATED AREAS WHERE THE ULTIMATE WIND SPEED IS 140 MF GREATER AND IS CONSIDER TO BE IN THE WIND-BOURNE DEBRIS CONTRACTOR TO PROVIDED ADDITIONAL INFO AS REQUIRED FOR DESTINATION AS REQUIRED FOR DESTINATION. 	DR SIZES, /E AREAS. PH OR S AREA.	ALL FEDERAL, STATE & LOCAL CODES, ORDINANCES, AND REGULATIONS, ETC. SHALL CONSIDERED AS PART OF THE SPECIFICATION: OF THIS BUILDING; AND ARE TO BE ADHERED T EVEN IF THEY ARE IN VARIANCE WITH THE PLA
PERMITTING.		DESIGNER ASSUMES NO RESPONSIBILITY OVER ANY PHASE OF CONSTRUCTION OR COMPLETED BUILDING.



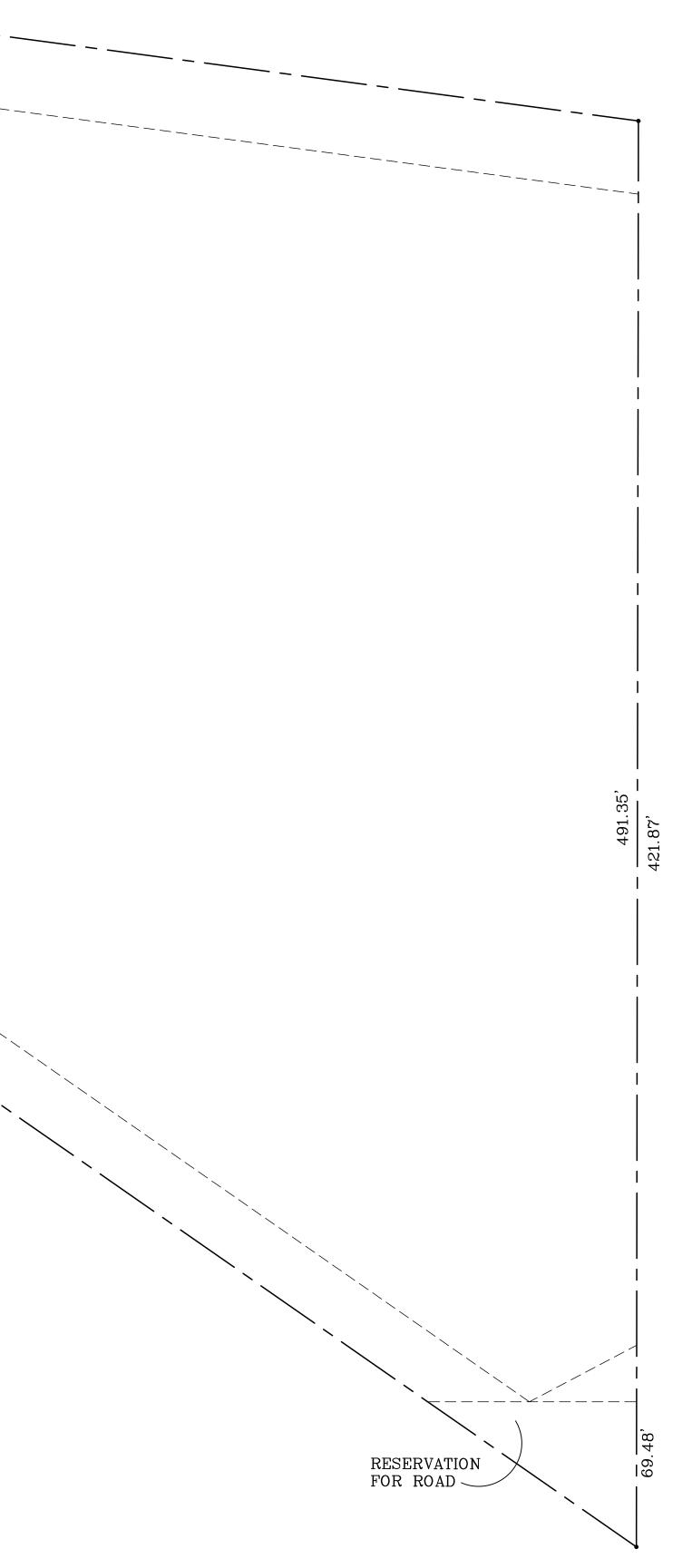




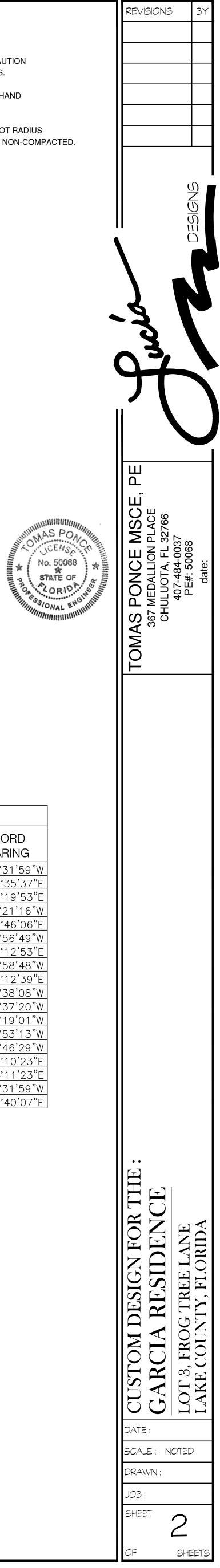
EACH TREE PROTECTION AREA SHALL HAVE A MINIMUM OF TWO SIGNS ATTACHED TO THE FENCE WHICH SHALL FACE TO THE EXTERIOR OF THE TREE PROTECTION AREA.

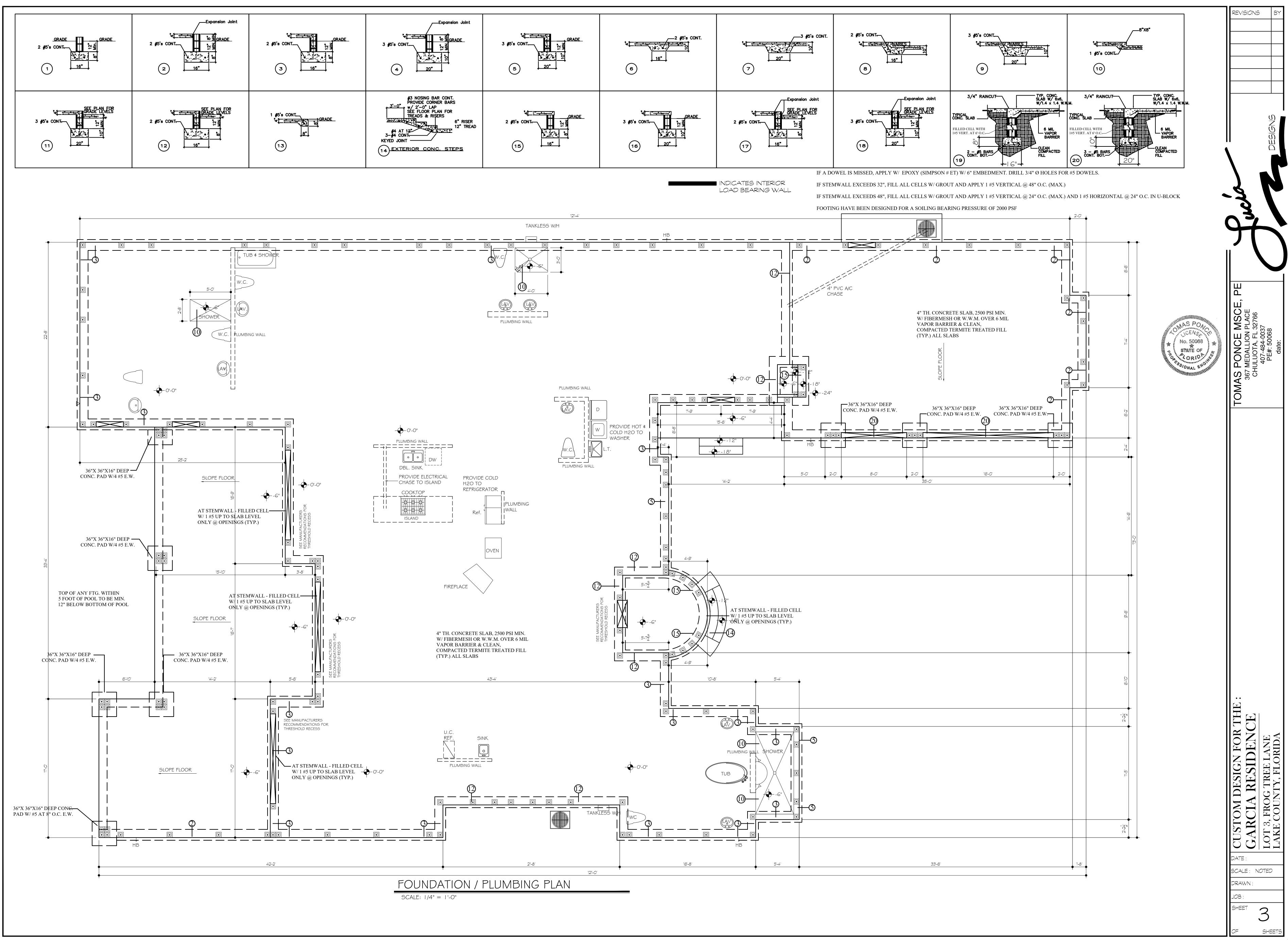


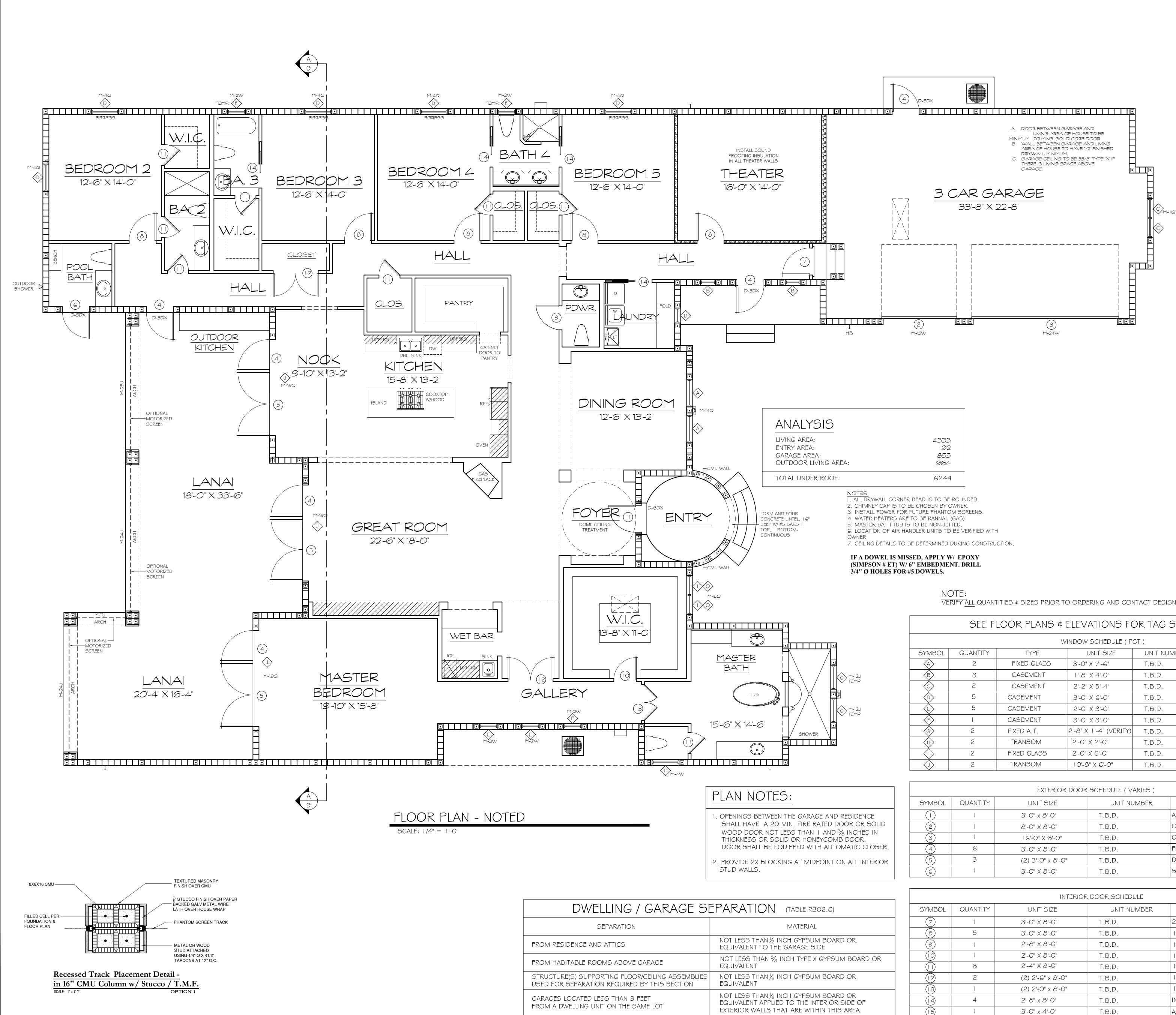
NOTE:



		CURVE 1	TABLE		
CURVE	CENTRAL ANGLE				CHO
		RADIUS	LENGTH	CHORD	BEAR
C1	52°24'12"	175.00'	160.06'	154.54'	S27°3
C2	71°30'37"	202.35'	252.55'	236.47'	N17°3
C3	90°00'00"	40.00'	62.83'	56.57'	N46°1
C4	20°02'46"	208.00'	72.77'	72.40'	S11°2
C5	28°46'55"	208.00'	104.49'	103.39'	N35°4
C6	3°34'31"	208.00'	12.98'	12.98'	S51°5
C7	16°48'52"	167.30'	49.10'	48.92'	N45°1
C8	103°34'31"	50.00'	90.39'	78.57'	N14°5
C9	95°06'50"	80.00'	132.80'	118.07'	S19°1
C10	36°34'43"	80.00'	51.07'	50.21'	S46°3
C11	60°54'21"	80.00'	85.04'	81.09'	N84°3
C12	35°42'18"	80.00'	49.85'	49.05'	N36°1
C13	3°28'53"	233.30'	14.18'	14.17'	N16°5
C14	22°44'36"	233.30'	92.61'	92.00'	N03°4
C15	27°09'07"	233.30'	110.56'	109.53'	N21°1
C16	18°52'52"	233.30'	76.88'	76.53'	N44°1
C17	52°24'12"	142.00'	129.87'	125.39'	S27°3
C18	90°00'00"	40.00'	62.83'	56.57'	S43°4



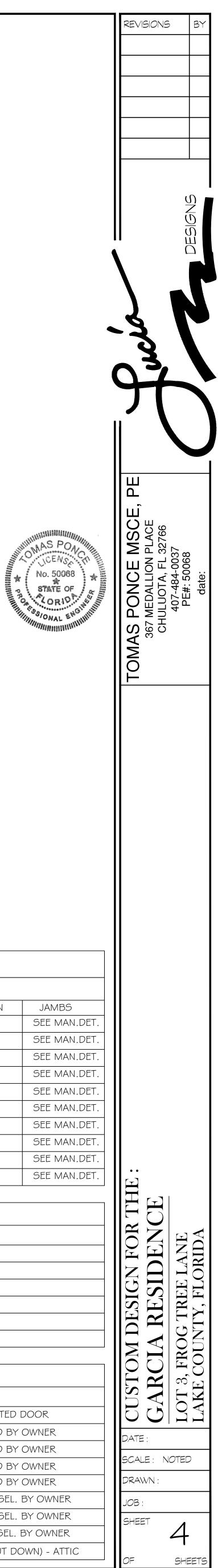


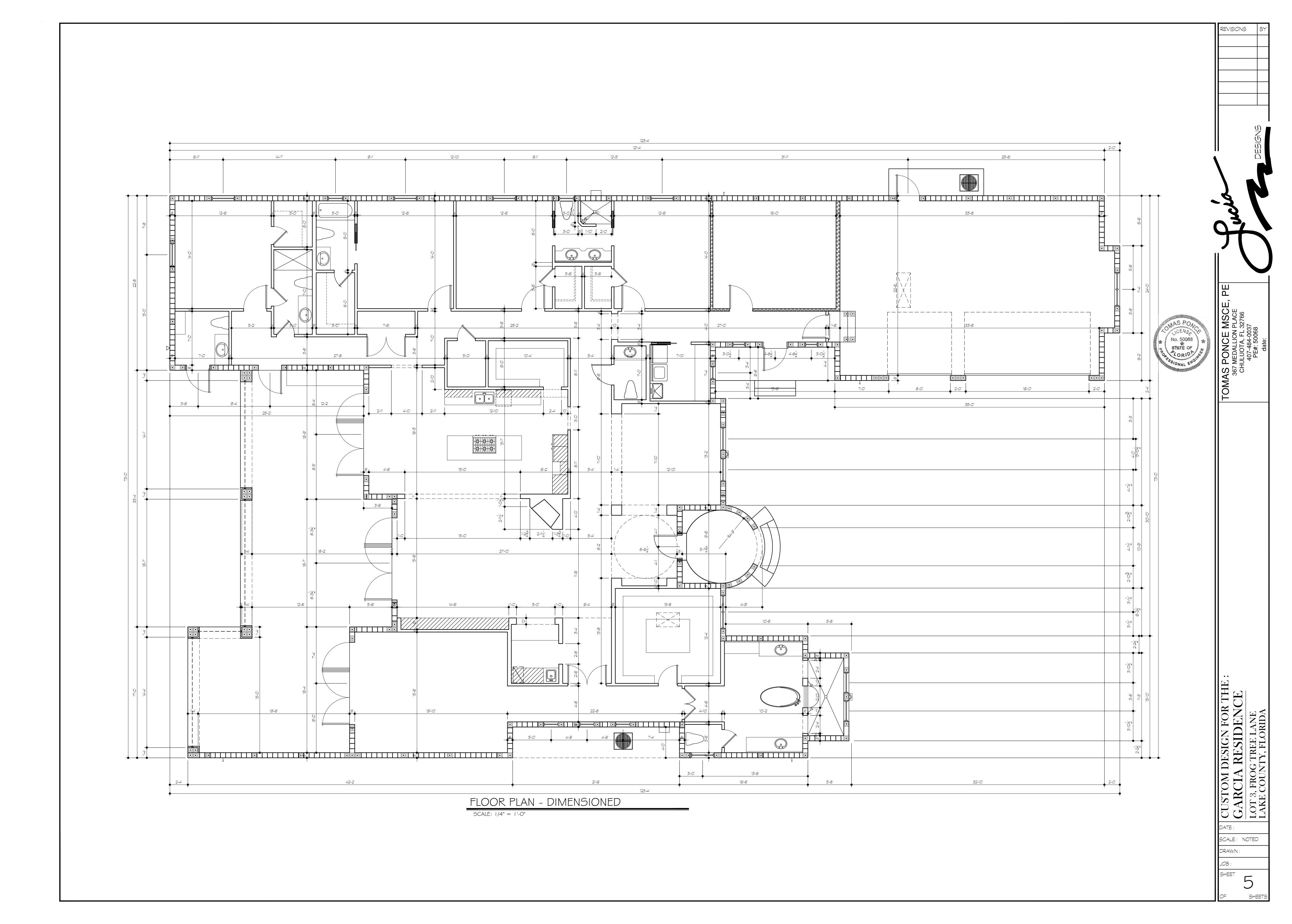


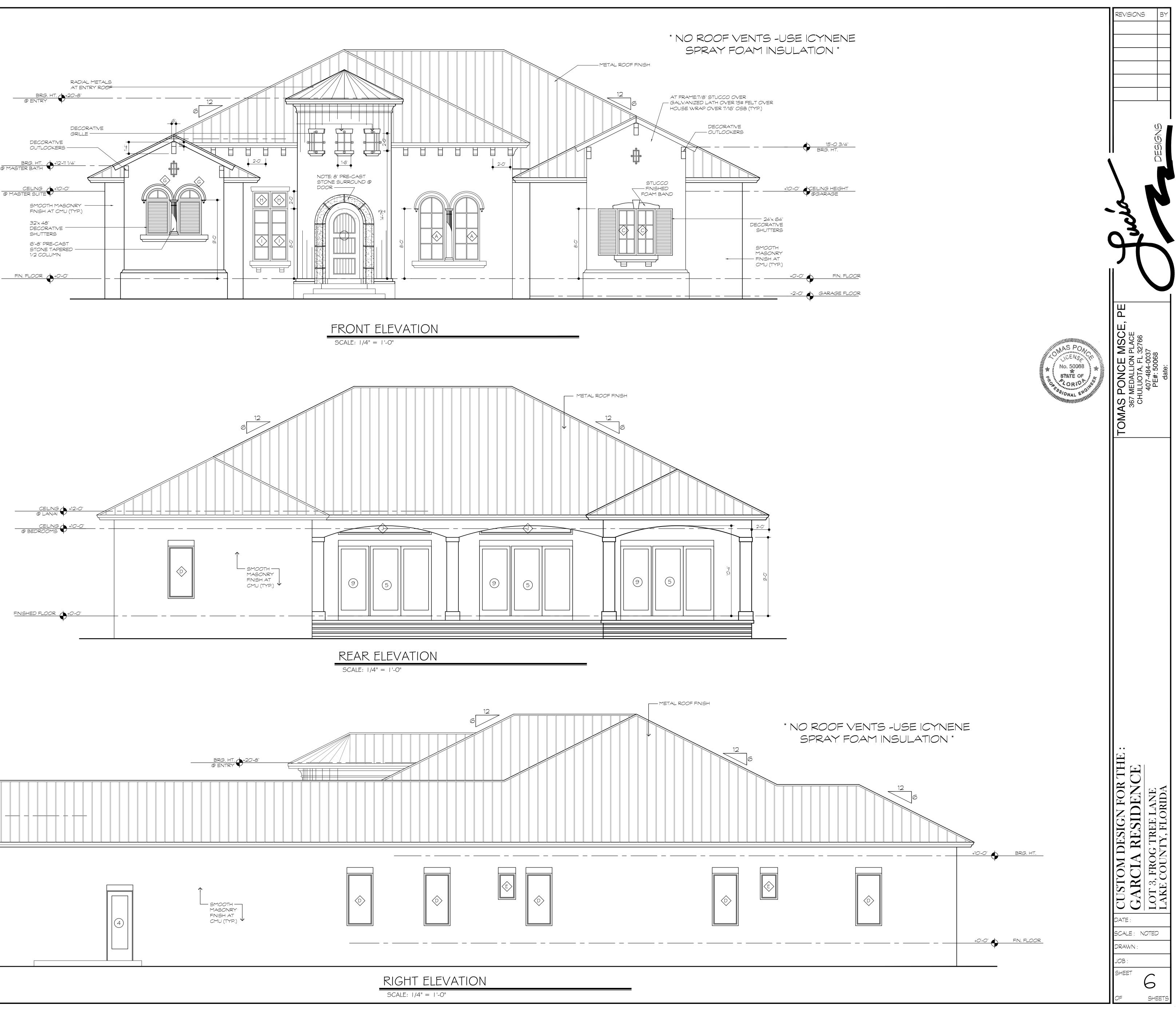
			JLLI	LOUR I LANJ 4 I		IN TAG JIW		
				W	NDOW SCHEDULE (PG	GT)		
		SYMBOL	QUANTITY	TYPE	UNIT SIZE	UNIT NUMBER	GRILLE	SCREEN
	MASTER BATH	$\langle A \rangle$	2	FIXED GLASS	3'-0" X 7'-6"	T.B.D.	YES	NO
	G M-12J TEMP.	B	3	CASEMENT	'-8" X 4'-0"	T.B.D.	YES	YES
		$\langle c \rangle$	2	CASEMENT	2'-2" X 5'-4"	T.B.D.	YES	YES
GALLERY		$\langle D \rangle$	5	CASEMENT	3'-0" X 6'-0"	T.B.D.	NO	YES
(13)	G M-12J TEMP.	E	5	CASEMENT	2'-0" X 3'-0"	T.B.D.	NO	YES
		F	I	CASEMENT	3'-0" X 3'-0"	T.B.D.	NO	YES
	15'-6" X 14'-6"	G	2	FIXED A.T.	2'-8" X '-4" (VERIFY)	T.B.D.	NO	YES
		(H)	2	TRANSOM	2'-0" X 2'-0"	T.B.D.	NO	NO
		$\langle 1 \rangle$	2	FIXED GLASS	2'-0" X 6'-0"	T.B.D.	NO	NO
			2	TRANSOM	10'-8" X 6'-0"	T.B.D.	NO	NO
FM-4W	+							I
]	PLAN NOTES:			EXTERIOR	DOOR SCHEDULE (VA	ARIES)		
	I LAIN NOTLS:	SYMBOL	QUANTITY	UNIT SIZE	UNIT NUI	MBER	Ľ	DESCRIPTION
D	I. OPENINGS BETWEEN THE GARAGE AND RESIDENCE		I	3'-0" x 8'-0"	T.B.D.	ARCH	I WOOD ENTRY	DOOR
	SHALL HAVE A 20 MIN. FIRE RATED DOOR OR SOLID	2		8'-0" X 8'-0"	T.B.D.	OVER	HEAD GARAGE	DOOR
	WOOD DOOR NOT LESS THAN 1 AND $\frac{3}{6}$ INCHES IN THICKNESS OR SOLID OR HONEYCOMB DOOR.	(3)	1	6'-0" X 8'-0"	T.B.D.	OVER	HEAD GARAGE	DOOR
	DOOR SHALL BE EQUIPPED WITH AUTOMATIC CLOSER.	4	6	3'-0" X 8'-0"	T.B.D.	FREN	CH DOOR	
	2. PROVIDE 2X BLOCKING AT MIDPOINT ON ALL INTERIOR	(5)	3	(2) 3'-0" x 8'-0"	T.B.D.	DOUE	BLE FRENCH DO	OR
	STUD WALLS.	6	1	3'-0" X 8'-0"	T.B.D.	SOLI	D DOOR	
L						·		
r				IN ⁻	TERIOR DOOR SCHEDL	JLE		
DWELLING / GARAGE S	EPARATION (TABLE R302.6)	SYMBOL	QUANTITY	UNIT SIZE	UNIT NUI	MBER	Ľ	DESCRIPTION
SEPARATION	MATERIAL	7	ļ	3'-0" X 8'-0"	T.B.D.	20 N	IIN. OR SOLID C	ORE FIRE RATED
		8	5	3'-0" X 8'-0"	T.B.D.	INTE	RIOR DOOR TO	BE SELECTED BY
FROM RESIDENCE AND ATTICS	NOT LESS THAN ½ INCH GYPSUM BOARD OR EQUIVALENT TO THE GARAGE SIDE	9	1	2'-8" X 8'-0"	T.B.D.	INTE	RIOR DOOR TO	BE SELECTED BY
	NOT LESS THAN 5/8 INCH TYPE X GYPSUM BOARD OR]	2'-6" X 8'-0"	T.B.D.	INTE	RIOR DOOR TO	BE SELECTED BY
FROM HABITABLE ROOMS ABOVE GARAGE	EQUIVALENT		8	2'-4" X 8'-0"	T.B.D.	INTE	RIOR DOOR TO	BE SELECTED BY
STRUCTURE(S) SUPPORTING FLOOR/CEILING ASSEMBLIES		(12)	2	(2) 2'-6" x 8'-0"	T.B.D.	INTE	RIOR DOUBLE D	OOR TO BE SEL
USED FOR SEPARATION REQUIRED BY THIS SECTION		(13)	1	(2) 2'-0" x 8'-0"	T.B.D.	INTE	RIOR DOUBLE D	OOR TO BE SEL
GARAGES LOCATED LESS THAN 3 FEET	NOT LESS THAN ½ INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE INTERIOR SIDE OF	(14)	4	2'-8" x 8'-0"	T.B.D.	INTER	NOR POCKET DO	DOR TO BE SEL.
FROM A DWELLING UNIT ON THE SAME LOT	EXTERIOR WALLS THAT ARE WITHIN THIS AREA.	(15)	1	3'-0" x 4'-0"	T.B.D.	A/C E	QUIPMENT ROC	M DOOR (CUT D
					1	l		

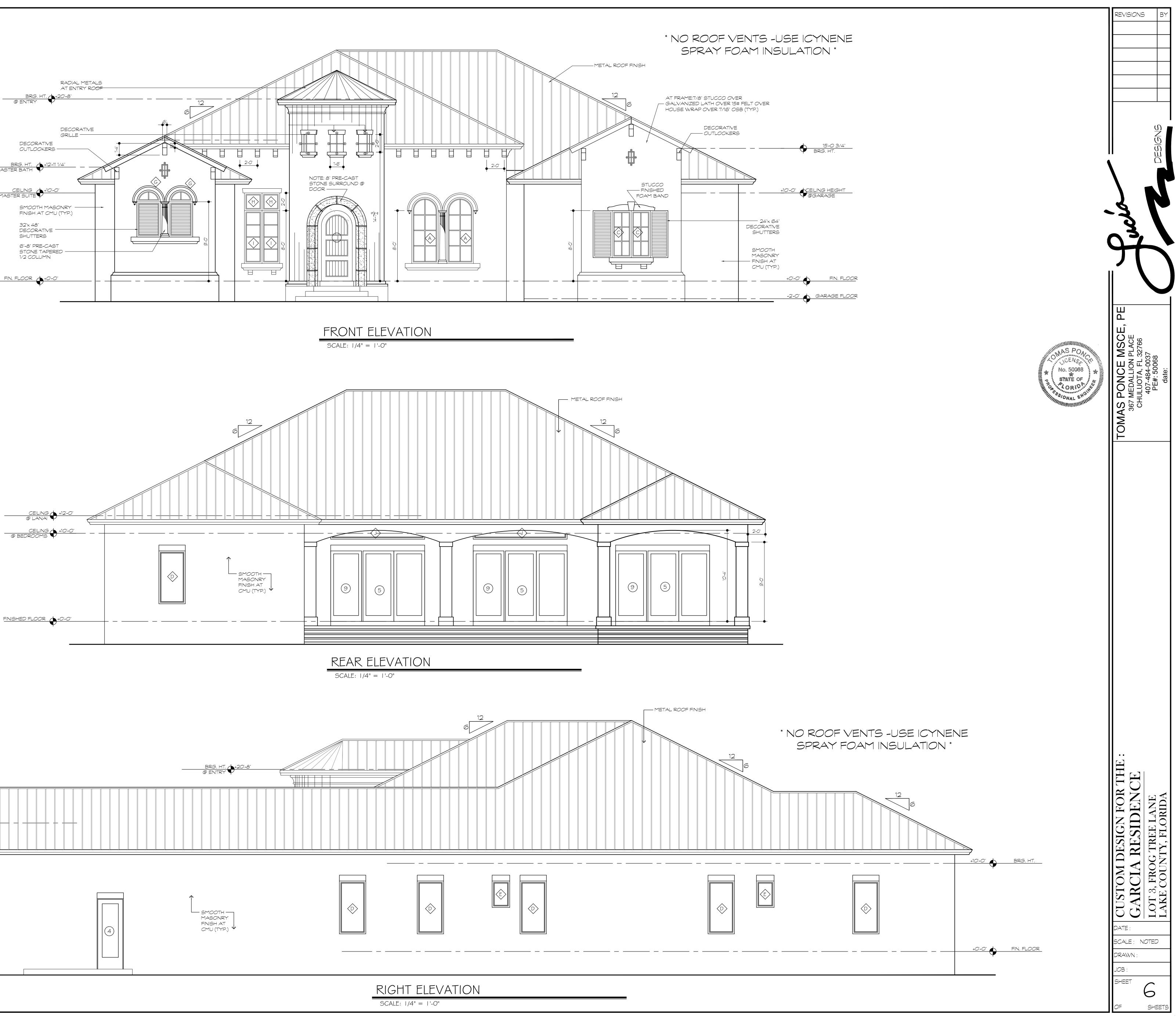
VERIFY ALL QUANTITIES & SIZES PRIOR TO ORDERING AND CONTACT DESIGNER WITH ANY DISCREPANCIES.

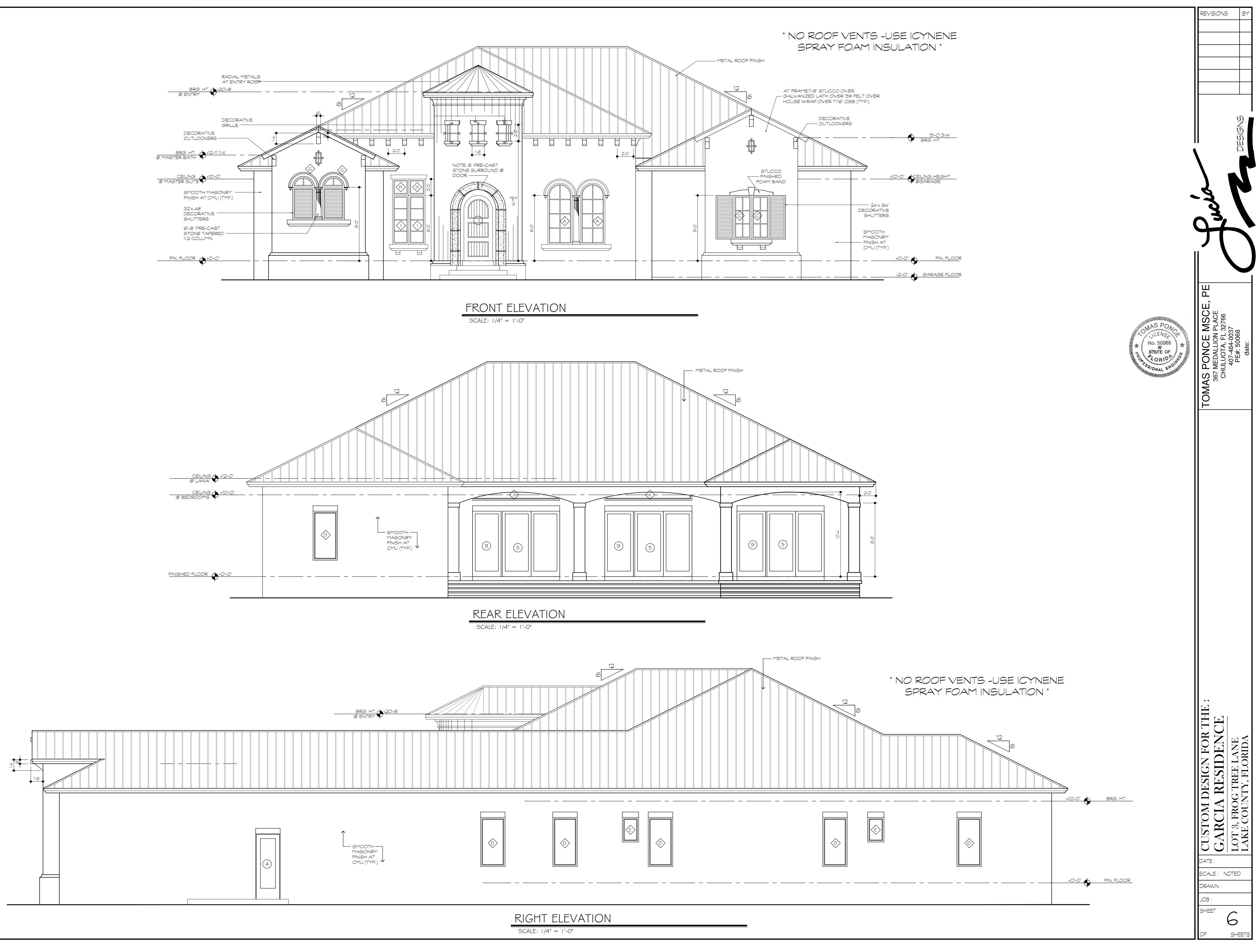
SEE FLOOR PLANS & ELEVATIONS FOR TAG SYMBOL LOCATION

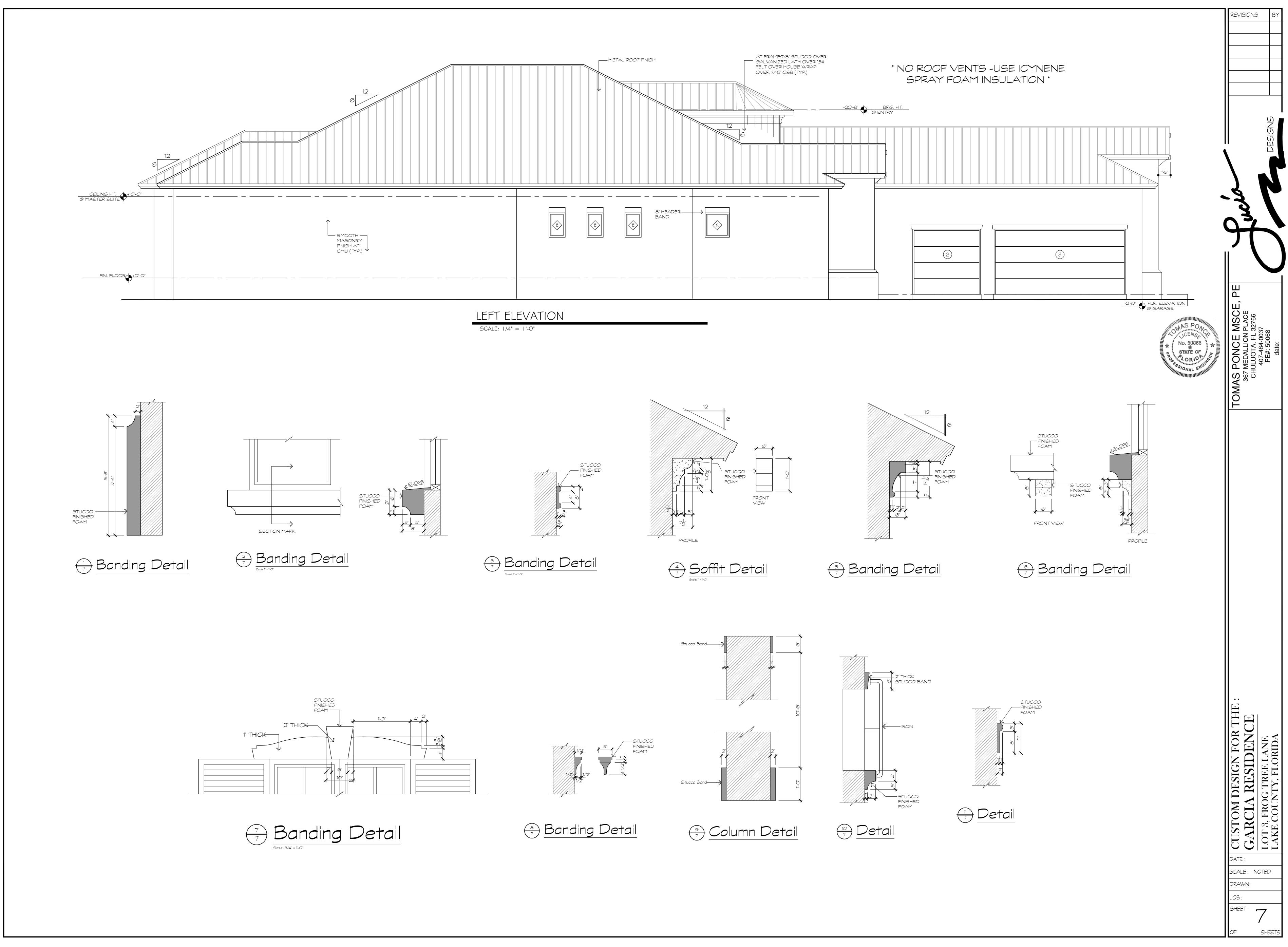


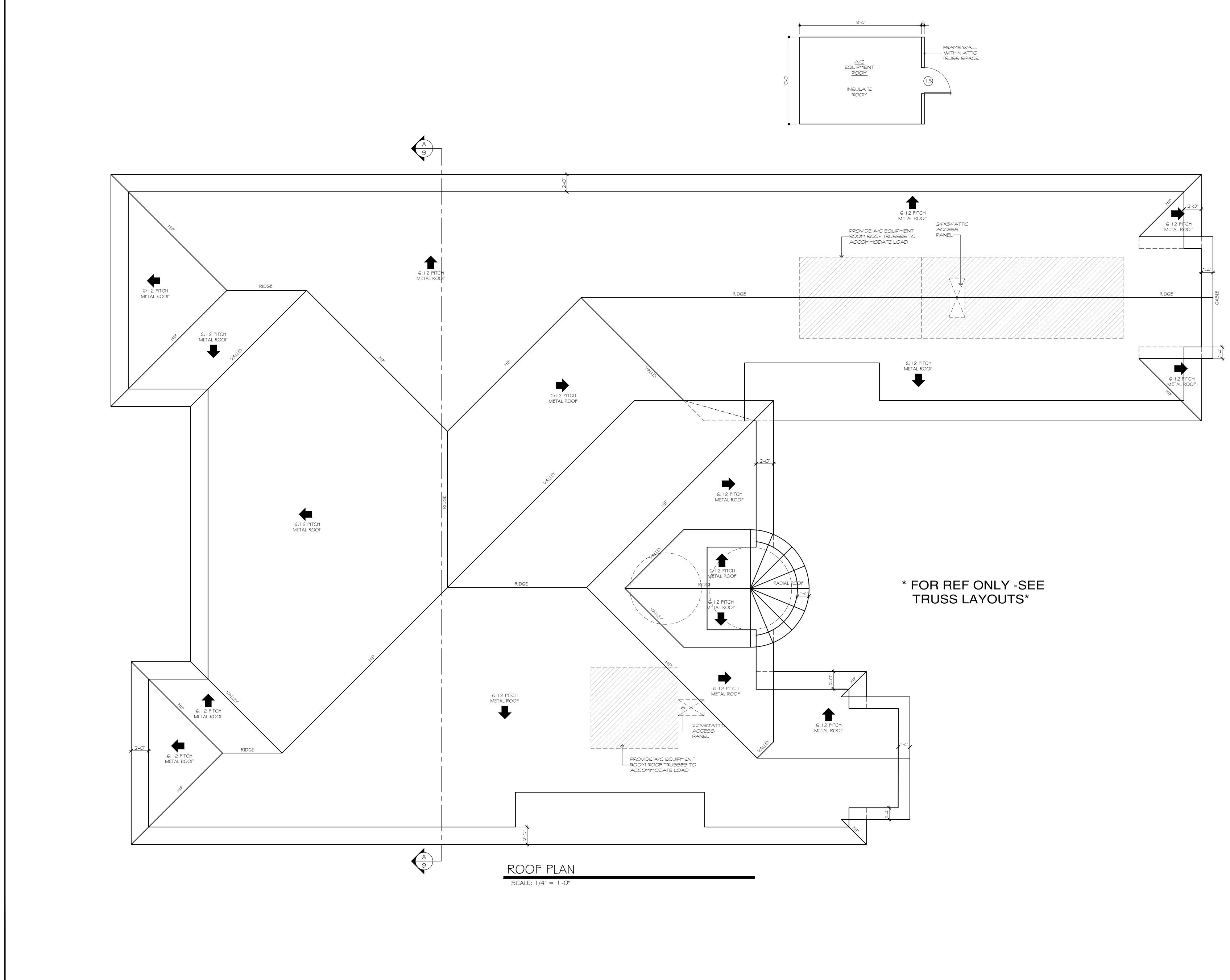


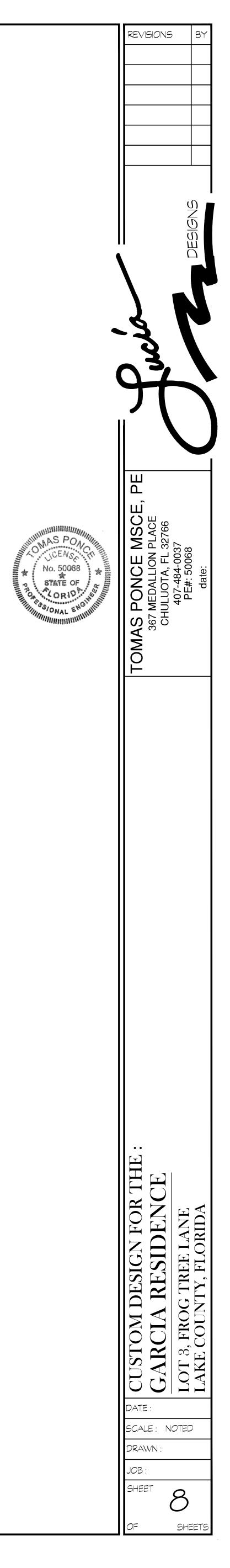


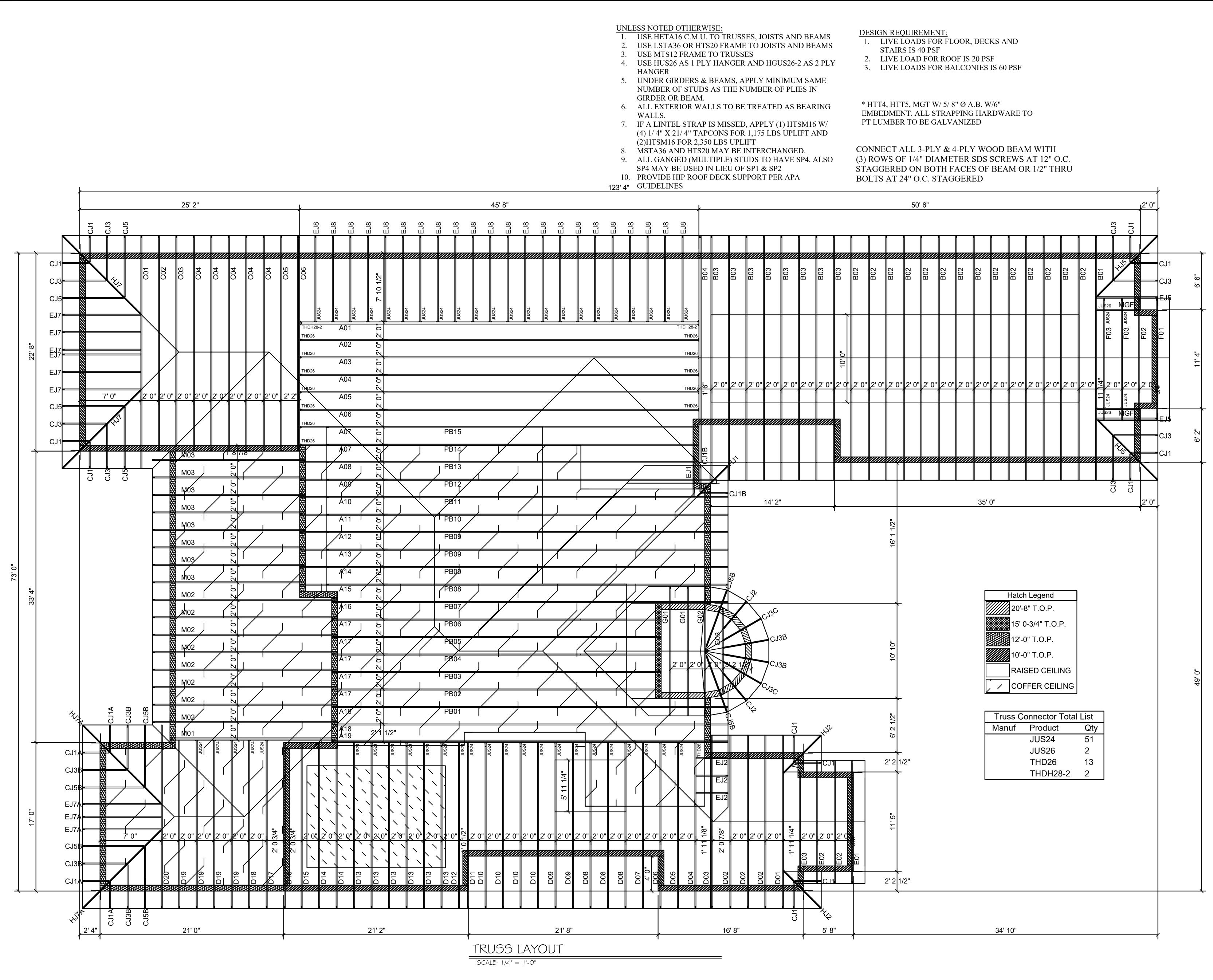


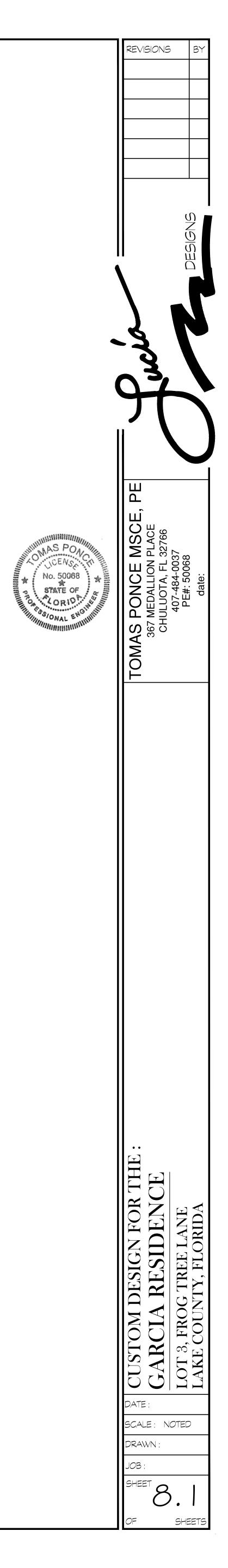


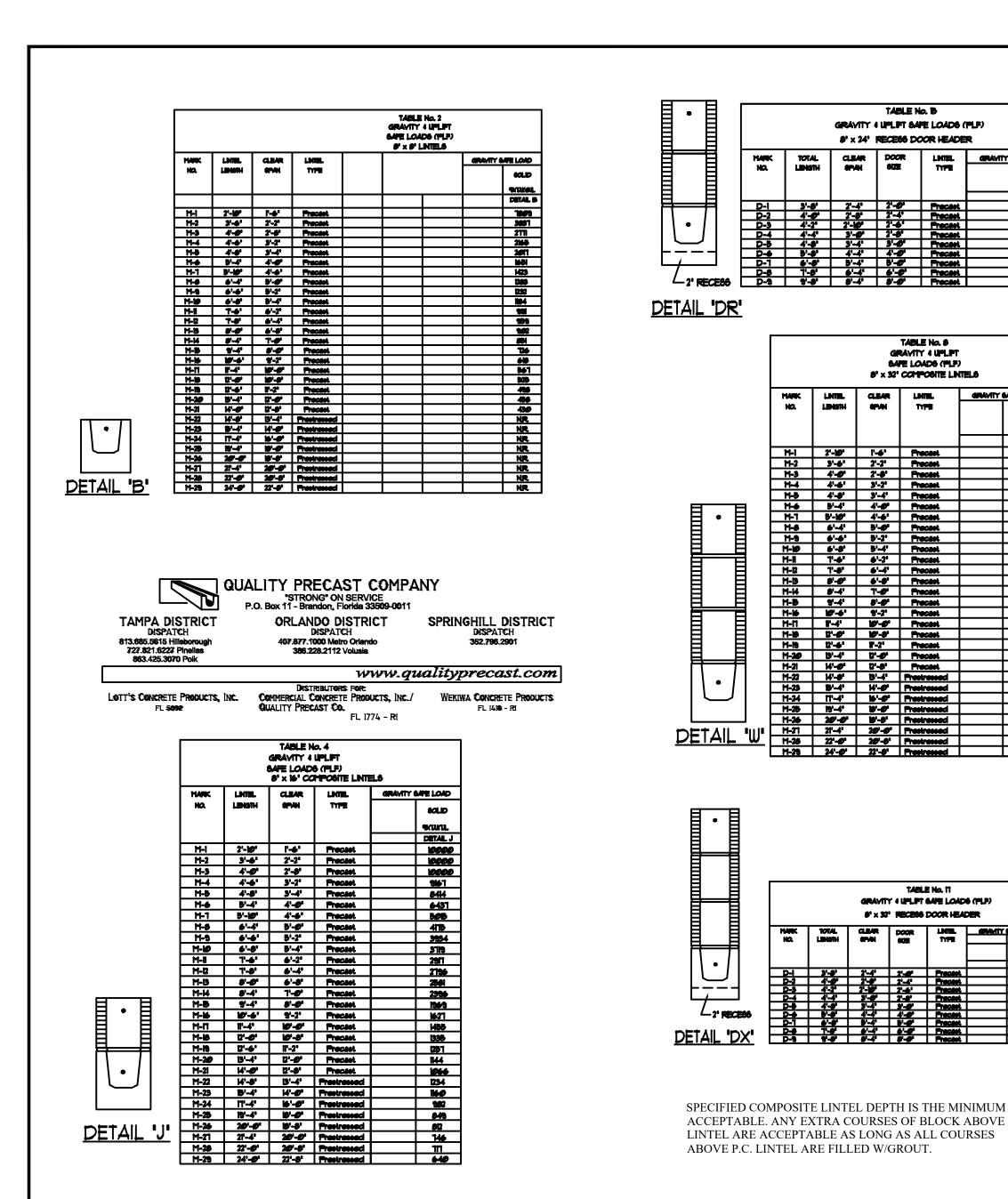












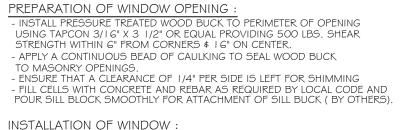
			84	TABLE No. 6 RAVITY & UPLIFT FE LOADS (FLF) COMPOSITE LIN)	
	MARK	LINTEL	CLEAR	LINTEL	GRAVITY	
	NO.	LENGTH	SPAN	TYPE		
						SUIUI
						DETAIL Q
	M-1	2'-10'	ľ -6'	Precast		10000
	M-2	3' -6'	2'-2'	Frecast		10000
	M-3	4'-0'	2'-8'	Precast		10000
	M-4	4'-6'	3'-2'	Precast		10000
	M-5	4'-8'	3'-4'	Precast		10000
	M-6	5'-4'	4'-0'	Precast		10000
	M-1	5'-10'	4'-6'	Precast		10000
	M-8	6'-4'	5-0	Precasi		10000
	M-9	6'-6'	5'-2'	Precast		10000
	M-10	6'-8'	5'-4'	Precast		9451
8.8	M-11	T'-6'	6'-2'	Precasi		6416
	M-12	1'- 8'	6'-4'	Precasi		6024
	M-B	8'- 0'	6'-8'	Precast		5361
	M-14	8'-4'	1'- 0'	Precast		4631
	M-B	9'-4'	8'-0'	Precasi		3726
	M-16	10'-6'	9'-2'	Precast		2931
	M-11	1"-4"	10'-0'	Precasi		2553
	M-16	12'-Ø'	10'-8'	Precast		2305
	M-13	12'-6'	11'-2'	Precast		2147
	M-20	B'-4'	12'- 0'	Frecast		1926
	M-21	H'- 0'	12'-8'	Precast		ins.
	M-22	14'-8'	13'-4'	Frestressed		1119
	M-23	1 5'-4'	14'- 0'	Frestressed		1660
	M-24	11'-4'	16'-0'	Prestressed		1379
	M-25	19'-4'	18'-0'	Frestressed		1111
	M-26	20'-0'	10'-8'	Prestressed		1122
DETAIL 'Q'	M-21	21'-4'	20'-0'	Prestressed		1024
<u>_</u>	M-28	22'-0'	20'-8'	Frestressed		961
	M-29	24'-0'	22'-8'	Frestressed		510

SIDE JAMB

HEAD

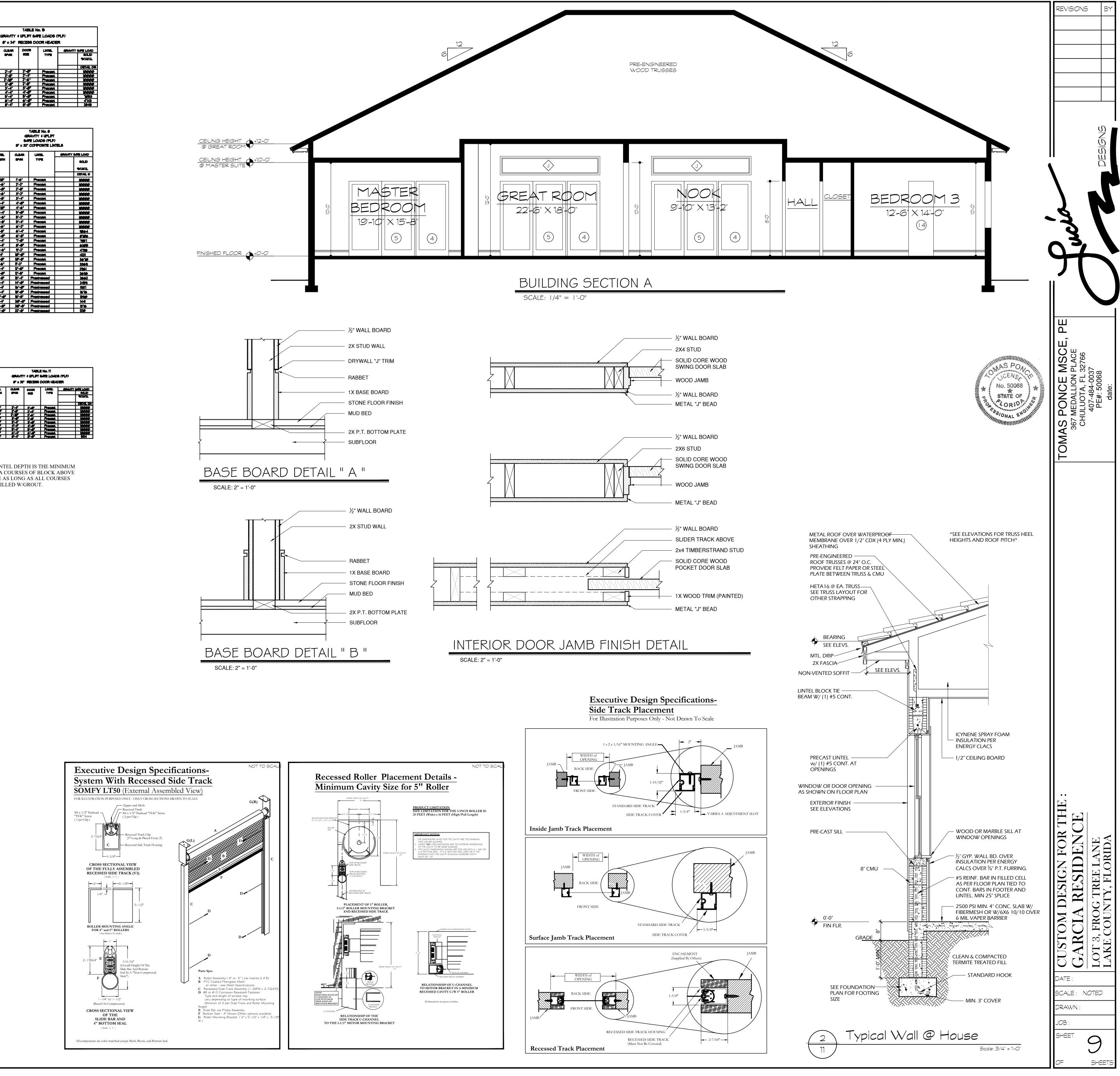
r hand

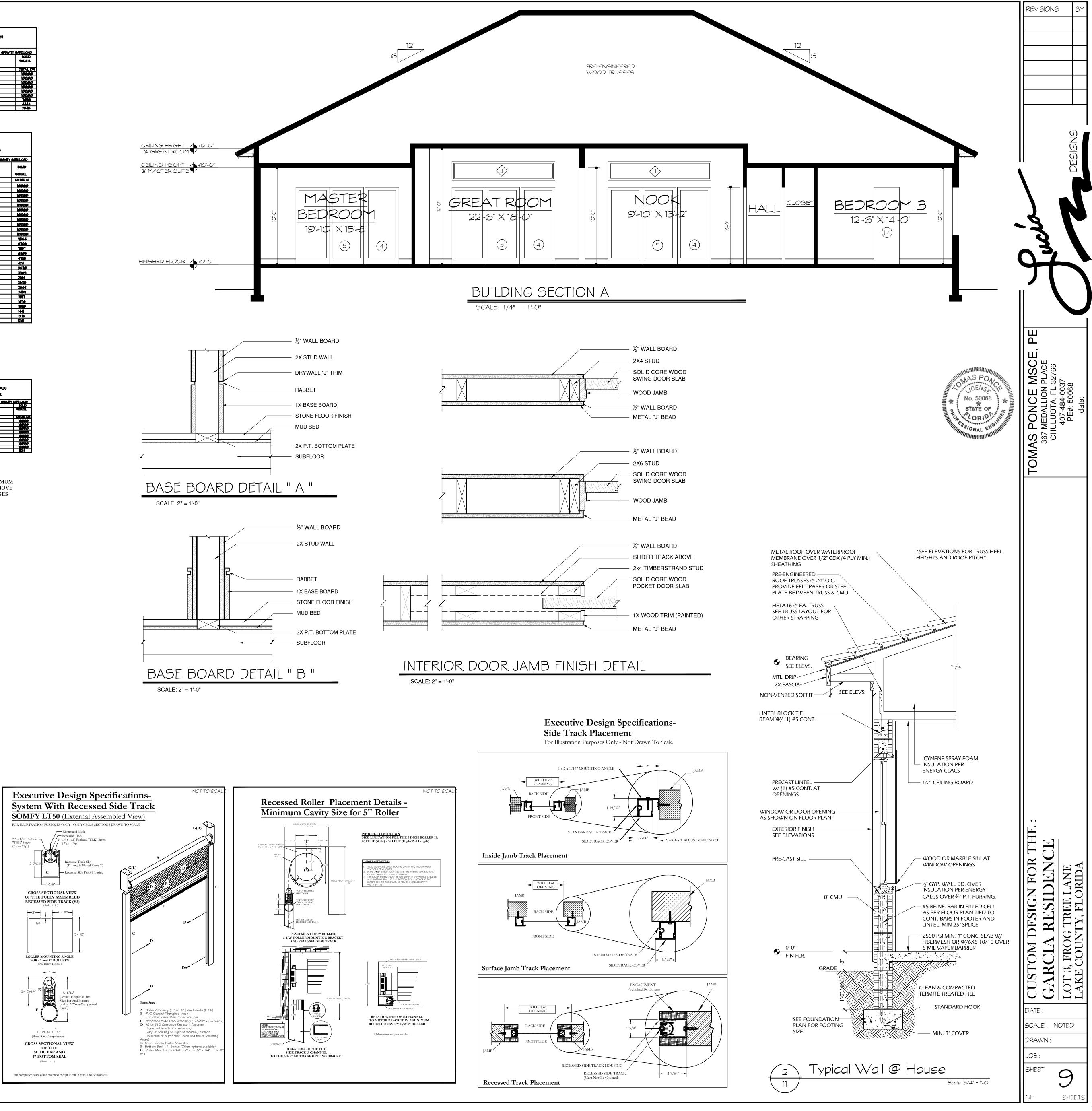
SILL



REFER TO INSTALLATION INSTRUCTIONS FOR THE SPECIFIC PRODUCT BEING INSTALLED. - SET WINDOW IN OPENING, SHIMMING, LEVELING AND SQUARING TO ENSURE PROPER OPERATION. INSTALL # 8 WAFER HEAD OR S.M.S. | 1/4" OR WOOD SCREW THROUGH ALL INSTALL # 8 WATEK TILAD OK 5.01.5. 11/4 OK WOOD SEKLW THROUGH ALL PREDRILLED HOLES IN THE INSTALLATION FIN TO SECURE UNIT.
ENSURE THAT THE INSTALLATION FIN IS SEALED TO THE WOOD 2 X BUCK WITH A CONTINUOUS BEAD OF CAULKING.
FILL VOID BETWEEN WINDOW AND BUCK WITH INSULATION BEING CAREFUL NOT TO BOW THE FRAME (BY OTHERS).
WATER PROTECT FINS AND MASONRY WITH NP1 OR EQUAL. COVERING FROM ALUMINUM CLAD TO MASONRY. WATERPROTECT MASONRY SILL AND UP SIDES 6" WITH SELF LEVELING URETHANE. - LEAVE 1/4" GAP BETWEEN EXTERIOR OF WINDOW AND FINISH MATERIALS FOR CAULK JOINT TO ALLOW FOR MATERIALS EXPANSION.

WINDOW DETAIL COMPOSITE FRAME WINDOW N.T.S.





GENERAL SUB-CONTRACTOR NOTES:

ELECTRICAL:

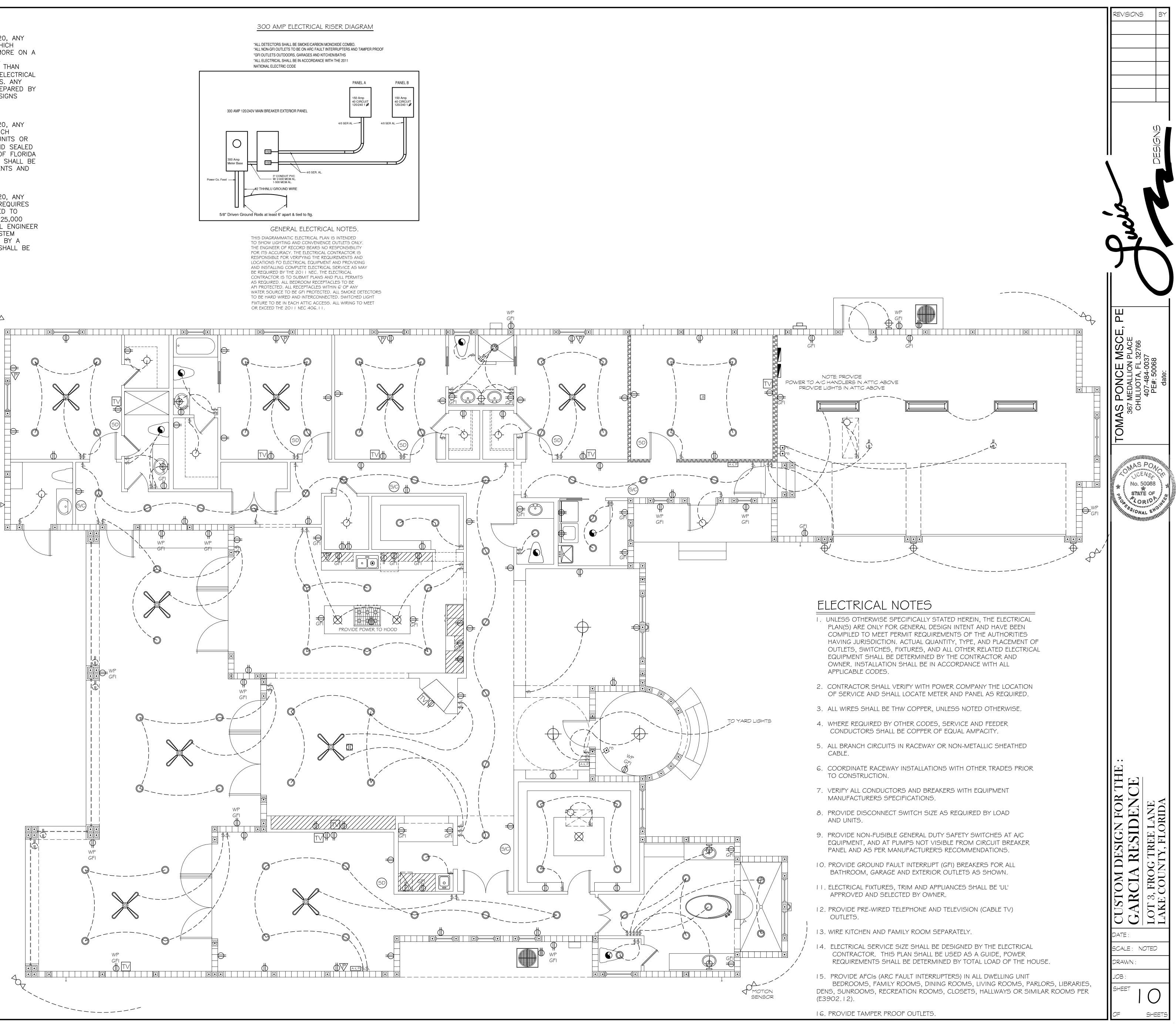
AS PER SECTION 105.3.1.2 OF THE FLORIDA BUILDING CODE 2020, ANY ELECTRICAL DOCUMENTS FOR ANY NEW BUILDING OR ADDITION WHICH REQUIRES AN AGGREGATE SERVICE CAPACITY OF 600 AMPS OR MORE ON A RESIDENTIAL ELECTRICAL SYSTEM OR 800 AMPS OR MORE FOR A COMMERCIAL OR INDUSTRIAL ELECTRICAL SYSTEM OR COST MORE THAN \$125,000 SHALL BE PREPARED AND SIGNED AND SEALED BY AN ELECTRICAL ENGINEER REGISTERED UNDER CHAPTER 471 OF FLORIDA STATUES. ANY SYSTEM WHICH FALL BELOW THESE REQUIREMENTS SHALL BE PREPARED BY AN ELECTRICAL CONTRACTOR. ALL ELECTRICAL DOCUMENTS & DESIGNS SHALL BE IN ACCORDANCE WITH THE CURRENT NEC.

PLUMBING:

AS PER SECTION 105.3.1.2 OF THE FLORIDA BUILDING CODE 2020, ANY PLUMBING DOCUMENTS FOR ANY NEW BUILDING OR ADDITION WHICH REQUIRES A PLUMBING SYSTEM WITH MORE THAN 250 FIXTURE UNITS OR COST MORE THAN \$125,000 SHALL BE PREPARED AND SIGNED AND SEALED BY A MECHANICAL ENGINEER REGISTERED UNDER CHAPTER 471 OF FLORIDA STATUES. ANY SYSTEM WHICH FALL BELOW THESE REQUIREMENTS SHALL BE PREPARED BY A PLUMBING CONTRACTOR. ALL PLUMBING DOCUMENTS AND DESIGNS SHALL BE IN ACCORDANCE WITH THE CURRENT FBC.

HVAC: AS PER SECTION 105.3.1.2 OF THE FLORIDA BUILDING CODE 2020, ANY HVAC DOCUMENTS FOR ANY NEW BUILDING OR ADDITION WHICH REQUIRES MORE THAN A 15-TON PER SYSTEM CAPACITY WHICH IS DESIGNED TO ACCOMMODATE 100 OR MORE PERSONS OR COST MORE THAN \$125,000 SHALL BE PREPARED AND SIGNED AND SEALED BY A MECHANICAL ENGINEER REGISTERED UNDER CHAPTER 471 OF FLORIDA STATUES. ANY SYSTEM WHICH FALLS BELOW THESE REQUIREMENTS SHALL BE PREPARED BY A HVAC CONTRACTOR. ALL MECHANICAL DOCUMENTS AND DESIGNS SHALL BE IN ACCORDANCE WITH THE CURRENT FBC.

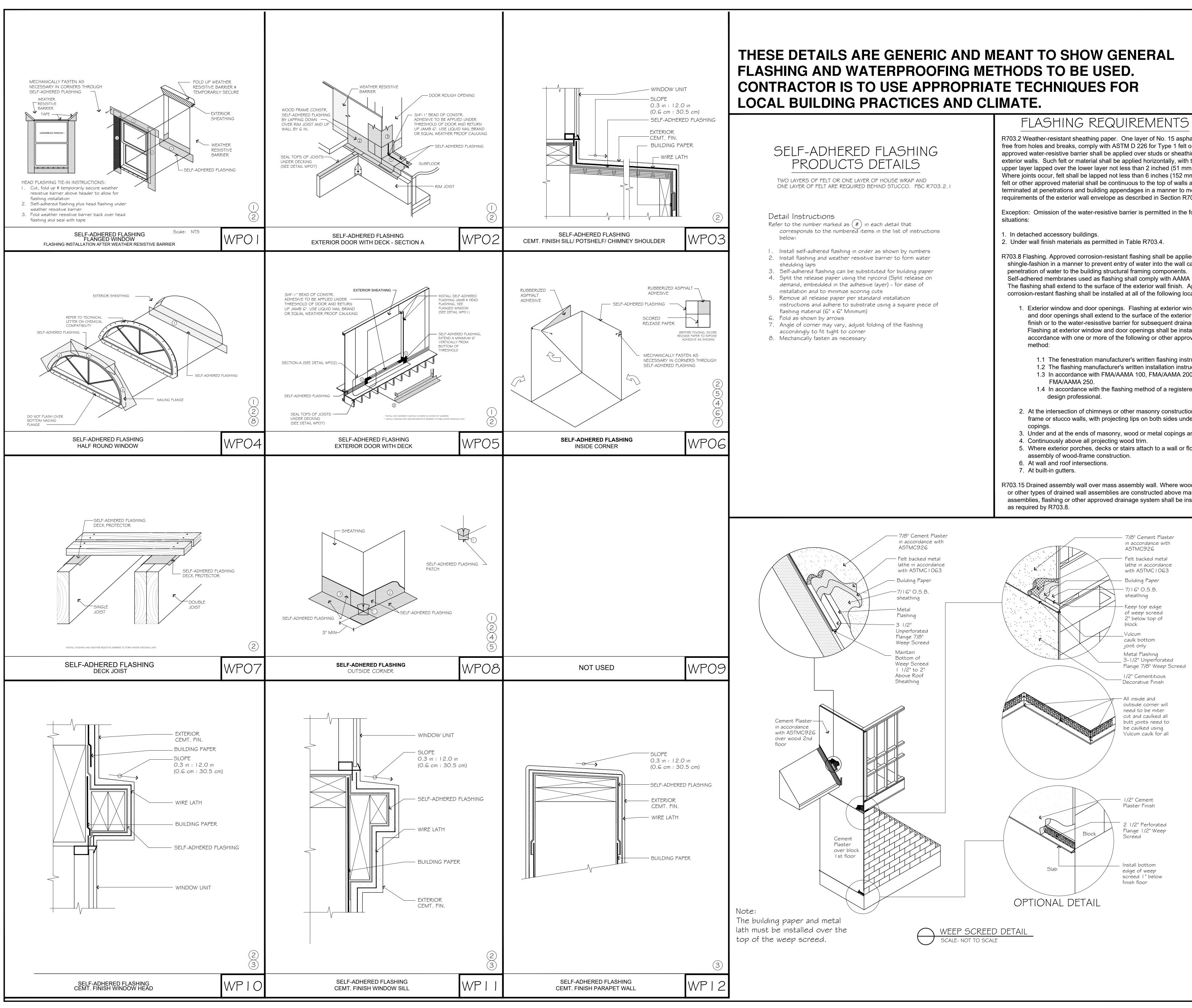
SYMBOL	DESCRIPTION
\$	SWITCH
\$3	THREE WAY SWITCH
\$4	FOUR WAY SWITCH
\$_	DIMMER SWITANDTE
Φ	I I OV OUTLET
${\displaystyle \bigoplus}_{\rm GFI}$	I I OV OUTLET, GFCI
\bigoplus_{GFI}^{WP}	I I OV OUTLET, WEATHER PROOF GFCI
	I I OV OUTLET, CEILING
\oplus	I I OV OUTLET, BELOW
Ф	I I OV OUTLET, SWITCHED
\oplus	220v OUTLET
	FLOOR OUTLET
	SURFACE MOUNTED INCANDESCENT LIGHT
і	WALL SCONCE
\square	LARGE PENDANT FIXTURE
$\frac{\Psi}{\Sigma}$	
<u> </u>	PENDANT FIXTURE
	INGROUND UPLIGHT
- \$ -	LIGHT/FAN COMBO UNIT
<u> </u>	BATH FAN
0	RECESSED LED LIGHT
Θ	DIRECTIONAL RECESSED LED LIGHT
0	RECESSED LED LIGHT - VAPOR PROOF
	LED BACKLIGHTING
Θ	HEADER LIGHT FIXTURE
	SQUARE PENDANT LIGHT FIXTURE
	RECESSED RISER LIGHT
<u> </u>	RECESSED WALL MOUNTED OUTDOOR LIGH
	2' X 4' LED LIGHT
SD	SMOKE DETECTOR
S/C)	COMBO SMOKE/CARBON MONOXIDE DETECTOR
TV	TV OUTLET
\mathbb{V}	PHONE JACK
	ELECTRICAL PANEL
	ELECTRICAL METER
PB	PUSH BUTTON
P	INTERCOM
\odot	GARBAGE DISPOSAL
000	CHIMES
EC	ELEVATOR CALL BUTTON
AKP	ALARM KEY PAD
JB	JUNCTION BOX
	LAMP HOLDER - PULL CHAIN
7001	FLOOD LIGHTS



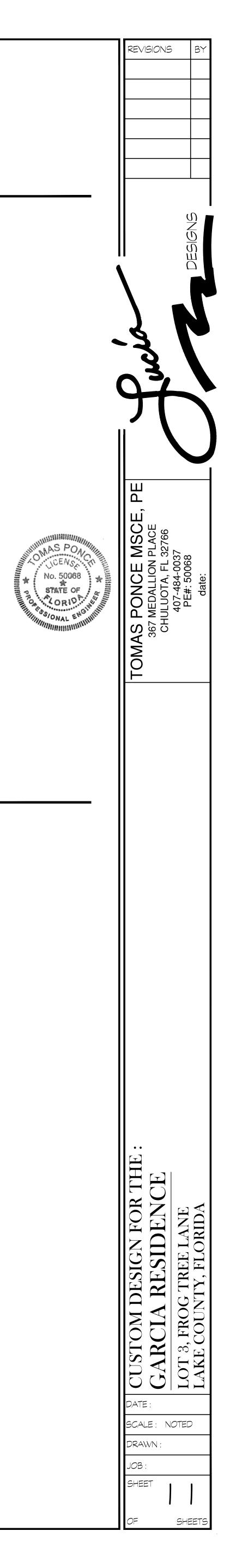
CEILING FAN

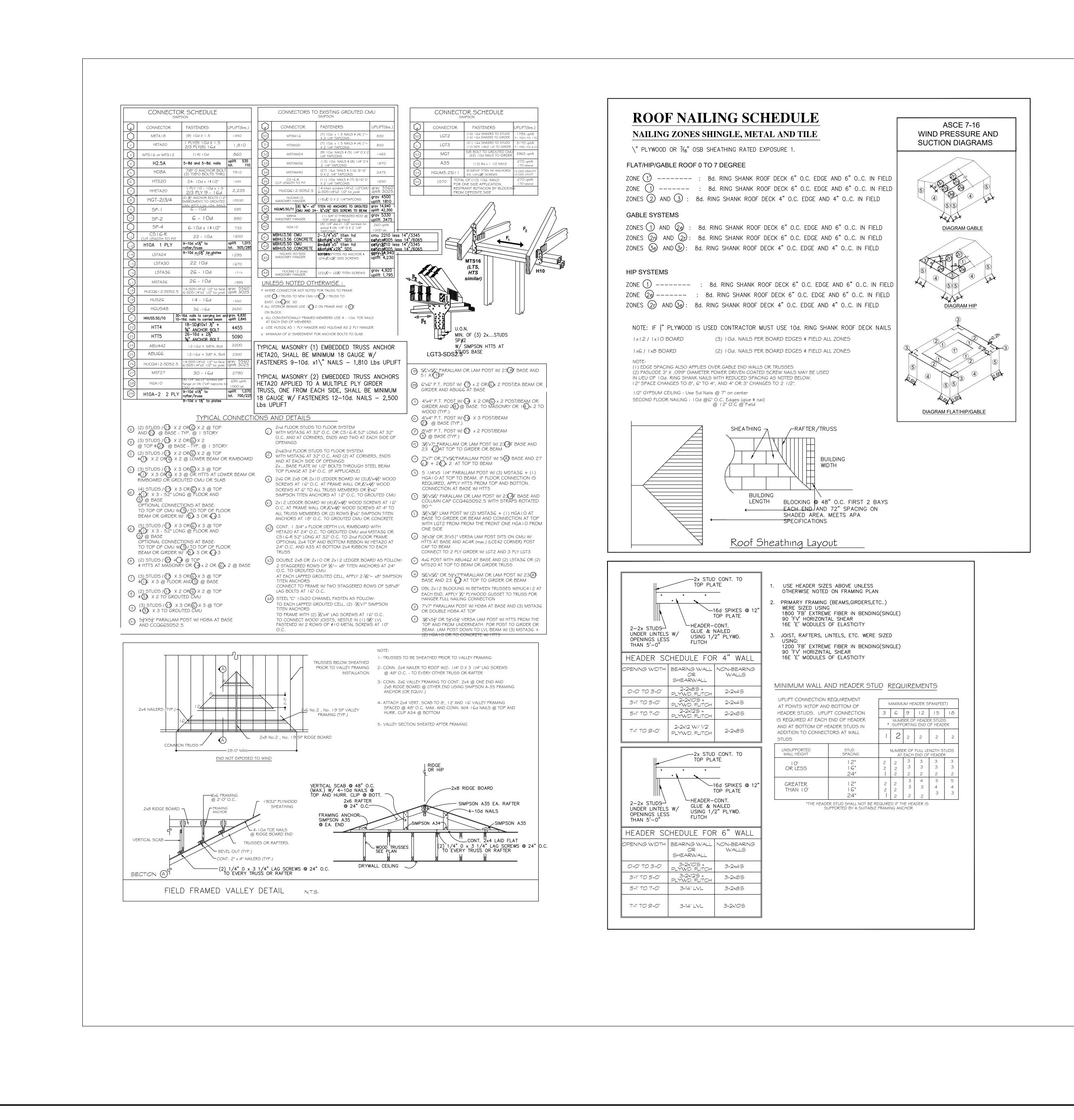
SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, LATEST EDITION, BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL BE RESPONSIBLE FOR THE INSTALLATION

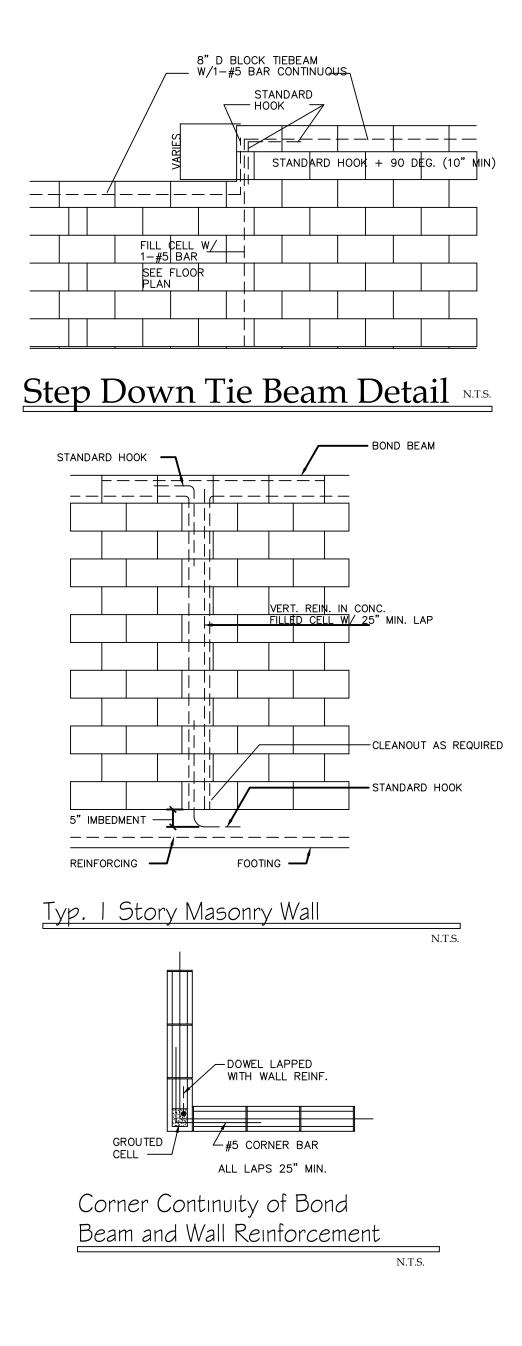
ELECTRICAL PLAN IS INTENDED FOR BID PURPOSES ONLY. ALL WORK

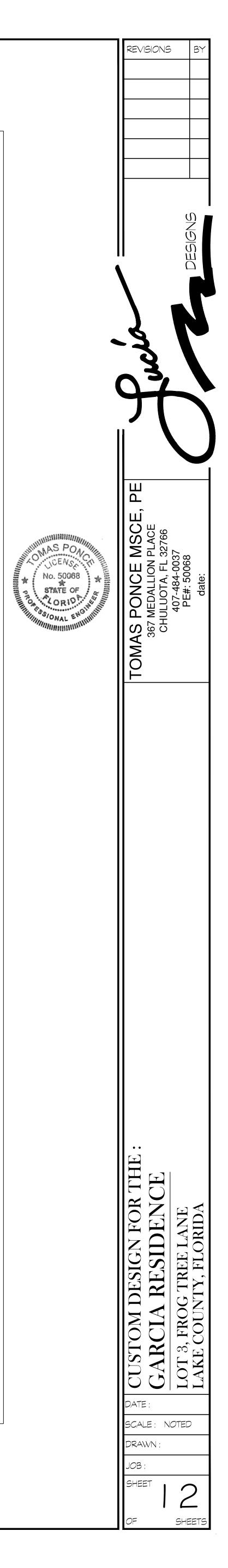


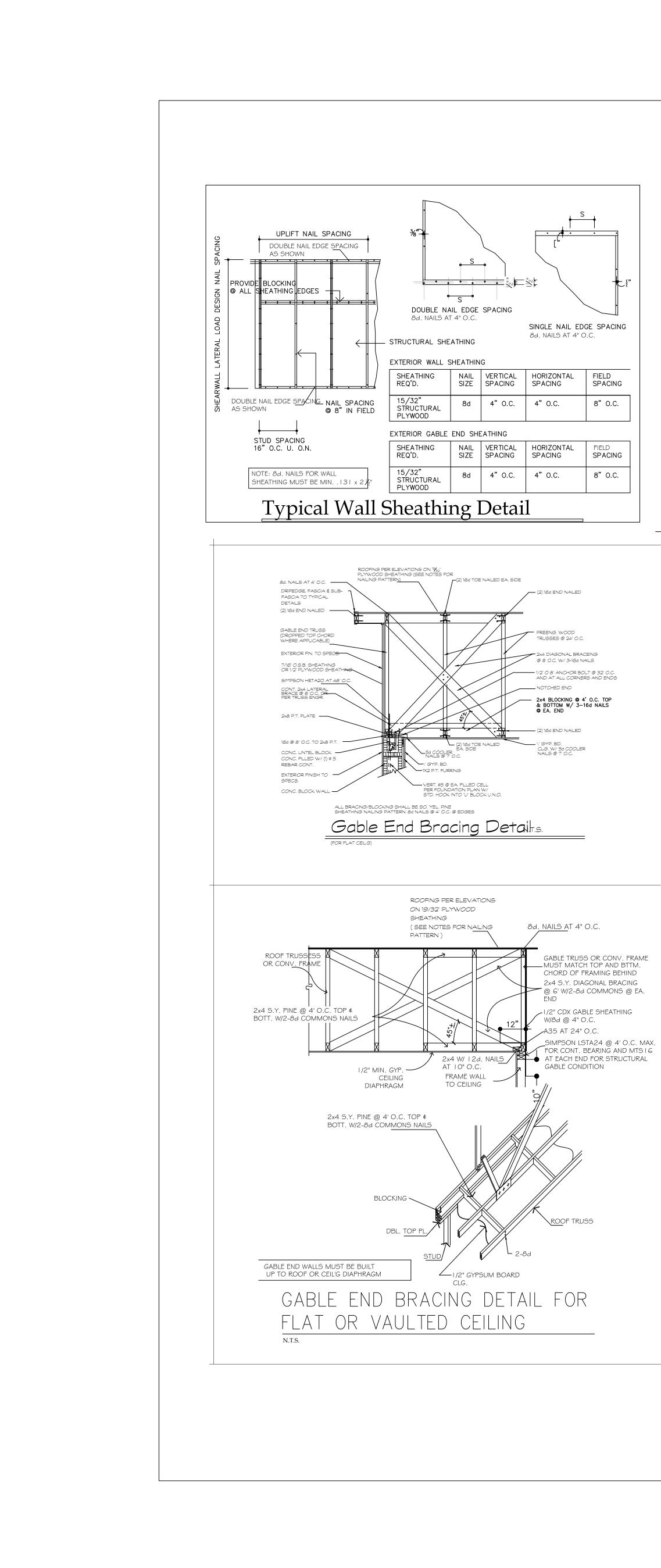
R703.2 Weather-resistant sheathing paper. One layer of No. 15 asphalt felt, free from holes and breaks, comply with ASTM D 226 for Type 1 felt or other approved water-resistive barrier shall be applied over studs or sheathing of all exterior walls. Such felt or material shall be applied horizontally, with the upper layer lapped over the lower layer not less than 2 inched (51 mm). Where joints occur, felt shall be lapped not less than 6 inches (152 mm). The felt or other approved material shall be continuous to the top of walls and terminated at penetrations and building appendages in a manner to meet the requirements of the exterior wall envelope as described in Section R703.1. Exception: Omission of the water-resistive barrier is permitted in the following R703.8 Flashing. Approved corrosion-resistant flashing shall be applied shingle-fashion in a manner to prevent entry of water into the wall cavity or penetration of water to the building structural framing components. Self-adhered membranes used as flashing shall comply with AAMA 711. The flashing shall extend to the surface of the exterior wall finish. Approved corrosion-restant flashing shall be installed at all of the following locations: 1. Exterior window and door openings. Flashing at exterior window and door openings shall extend to the surface of the exterior wall finish or to the water-resisstive barrier for subsequent drainage. Flashing at exterior window and door openings shall be installed in accordance with one or more of the following or other approved 1.1 The fenestration manufacturer's written flashing instructions. 1.2 The flashing manufacturer's written installation instructions. 1.3 In accordance with FMA/AAMA 100. FMA/AAMA 200. or 1.4 In accordance with the flashing method of a registered 2. At the intersection of chimneys or other masonry construction with frame or stucco walls, with projecting lips on both sides under stucco 3. Under and at the ends of masonry, wood or metal copings and sills. 5. Where exterior porches, decks or stairs attach to a wall or floor R703.15 Drained assembly wall over mass assembly wall. Where wood frame or other types of drained wall assemblies are constructed above mass wall assemblies, flashing or other approved drainage system shall be installed

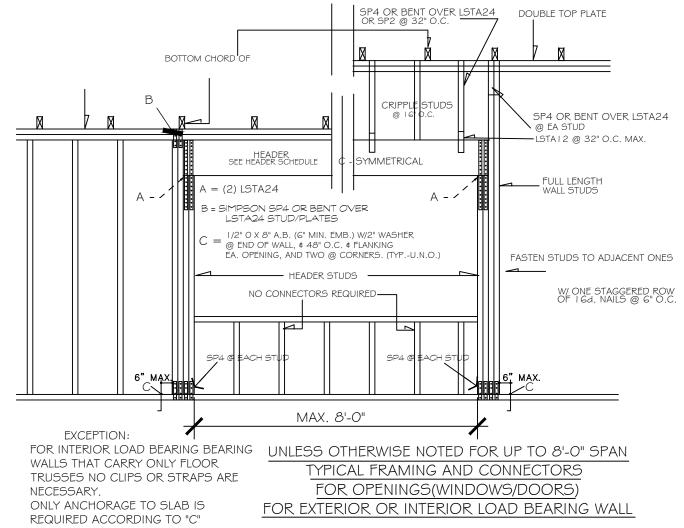


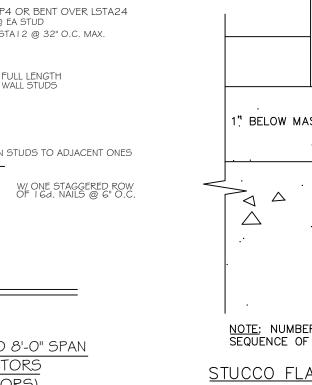








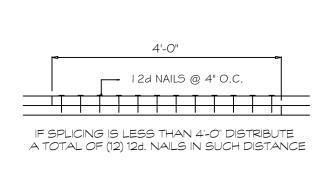




-(4) PAPERBACK LATH (5)]" NOMINAL STUCCO THICKNESS - DRAINAGE PLANE OVERLAP CONTROL BEAD FLASHING CONNECTION $\angle \star$ " BELOW MASONRY (2) METAL OR PLASTIC EXPANSION JOINT -5 \" NOMINAL CEMENTITIOUS FINISH NOTE: NUMBERS INDICATE SEQUENCE OF INSTALLATION

STUCCO FLASHING DETAIL @ CMU / FRAME INTERFACE

LIMITING HEIGHTS OF 2" STUDS				
FOR HIGH FRAMING CONDITIONS, THE APPLICATION OR CONNECTION OF AN INTERMEDIATE FRAMING SUCH AS FLOOR JOISTS, CEILING JOISTS, ETC., ALLOW TO REDUCE THE ALLOWABLE HEIGHT FOR STUDS				
SIZE STUD MATERIAL AT O.C. SPACING	MAXIMUM HEIGHT			
2"x4" SPRUCE, FIR 24" O.C.	8'-0"			
2"x4" SPRUCE, FIR 16" O.C.	9'-0"			
2"x4" SPRUCE, FIR 12" O.C.	10'-0"			
2"x4" SOUTHERN PINE, FIR 24" O.C.	9'-0"			
2"x4" SOUTHERN PINE, FIR 16" O.C.	10'-9"			
2"x4" SOUTHERN PINE, FIR 12" O.C.	12'-4"			
2"x6" SPRUCE, FIR 24" O.C.	11'-4"			
2"x6" SPRUCE, FIR 16" O.C.	13'-9"			
2"x6" SPRUCE, FIR 12" O.C.	16'-0"			
2"x6" SOUTHERN PINE, FIR 24" O.C.	13'-9"			
2"x6" SOUTHERN PINE, FIR 16" O.C.	17-0"			
2"x6" SOUTHERN PINE, FIR 12" O.C.	19'-4"			
2"x8" SPRUCE, FIR 24" O.C.	14'-9"			
2"x8" SPRUCE, FIR 16" O.C.	18'-0"			
2"x8" SPRUCE, FIR 12" O.C.	21'-0"			
2"x8" SOUTHERN PINE, FIR 24" O.C.	18'-0"			
2"x8" SOUTHERN PINE, FIR 16" O.C.	22'-3"			
2"x8" SOUTHERN PINE, FIR 12" O.C.	25'-8"			



Top Plate Splice Detail N.T.S.

-3 15# FELT DRAINAGE PLANE

AND MEMBRANE STRIP OVER WOOD FRAME / MASONRY

 MEMBRANE STRIP COVERING WOOD FRAME / MASONRY INTERSECTION UNDER EXPANSION JOINT EQUAL TO PROTECTO WRAP BT-20XL-9" WIDE. TO EXTEND 2" BELOW THE CMU.

