

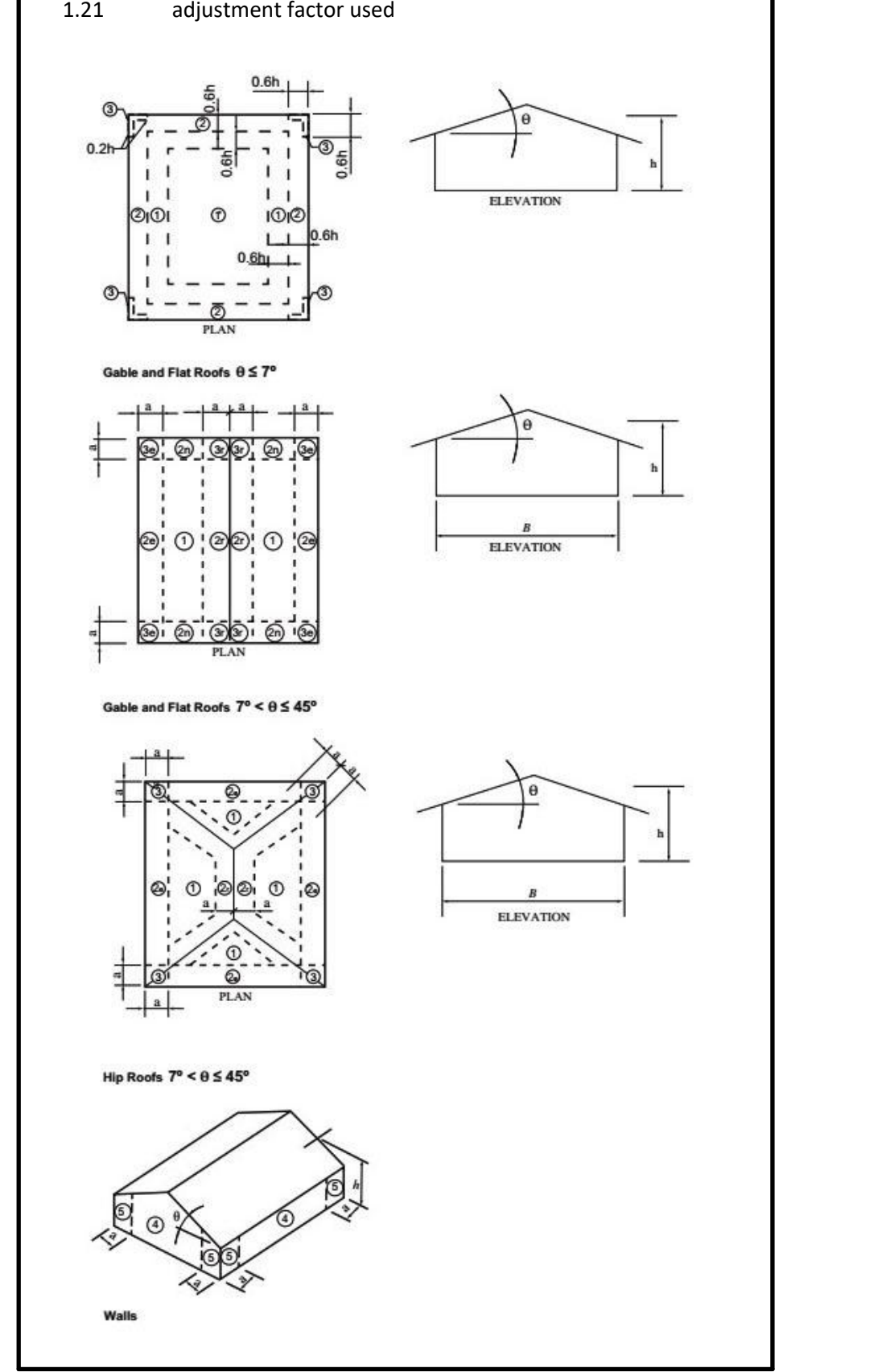
BASIS OF STRUCTURAL DESIGN:

- SOIL BEARING: 2500 psf (assumed)**
WIND: 160mph (alt, risk cat 2, exp C, wind borne debris region, .18 enclosed design)
FROST DEPTH: 12"
- THE STRUCTURAL DESIGN APPROACH FOR MASONRY, ROLLED STEEL, AND LIGHT WEIGHT STEEL IS WORKING STRESS DESIGN. THE DESIGN APPROACH FOR REINFORCED CONCRETE IS ULTIMATE STRENGTH DESIGN. THE DESIGN SERVICE LOADS ARE AS FOLLOWS:
- | | |
|-------------------|---------------------|
| ROOF LIVE LOAD | 20 PSF |
| ROOF DEAD LOAD | 7 PSF TC (metal) |
| ROOF WIND LOAD | (SEE DRAWINGS) |
| CEILING DEAD LOAD | 10 PSF BC |
| WALL WIND LOADS | (SEE DRAWINGS) |
| FLOOR DEAD LOADS | 15 PSF TC, 5 PSF BC |
| FLOOR LIVE LOADS | SEE BELOW |
- FLOOR LIVE LOADS:**
 Uninhabitable attics without storage 10 psf
 Uninhabitable attics with limited storage 20 psf
 Habitable attics and attics served with fixed stairs 30 psf
 Balconies (exterior) and decks 40 psf
 Fire escapes 40 psf
 Guardrails and handrails 200 lb
 Guardrail in-fill components 50 plf
 Passenger vehicle garages 50 psf
 Rooms other than sleeping room 40 psf
 Sleeping rooms 30 psf
 Stairs 40 psf

WIND PRESSURES (asd)

ZONE	EFFECTIVE WIND AREA (SF)	160
1	10.0	24.9 -44.8
1	20.0	21.5 -39.7
1	50.0	16.9 -32.9
1	100.0	13.6 -27.7
2e, 2r, 3	10.0	24.9 -61.7
2e, 2r, 3	20.0	21.5 -55.2
2e, 2r, 3	50.0	16.9 -46.5
2e, 2r, 3	100.0	13.6 -39.9
4	10.0	33.4 -36.3
4	20.0	31.9 -34.7
4	50.0	30.0 -32.8
4	100.0	28.4 -31.2
4	500.0	24.9 -27.7
5	10.0	33.4 -44.8
5	20.0	31.9 -41.7
5	50.0	30.0 -37.8
5	100.0	28.4 -34.7
5	500.0	24.9 -27.7

1.21 adjustment factor used



GENERAL NOTES- residential

- CODE COMPLIANCE:**
 - This project was designed under the following codes. The construction documents cannot reference all of the codes required for the construction of this building. By submitting these construction documents for permit or commencing work, the contractor, hereby agrees to comply with all local, state, and federal regulations having jurisdiction over this project, and to comply with all governing codes, including but not limited to:
 - 2020 FBC: RESIDENTIAL, 7th ed -2017 NATIONAL ELECTRIC CODE
 - 2020 FBC: ENERGY CONSERVATION, 7th ed -ASC 7-16
- ALL GENERAL NOTES**
 - THE FOLLOWING SPECIFICATIONS ARE MINIMUM REQUIREMENTS TO SUPPLEMENT THE DRAWINGS. IN CASE OF CONFLICT, THE DRAWINGS, IN CONJUNCTION WITH OTHER SUBMITTALS, REPORTS, OR WRITTEN INSTRUCTIONS BY ARCHITECT OR CONSULTANTS, SHALL BE CONSIDERED THE COMPLETE CONSTRUCTION DOCUMENTS.
 - THE FOLLOWING GENERAL & SPECIFIC NOTES SHALL APPLY EQUALLY TO ALL CONTRACTORS, SUBCONTRACTORS, AND SUPPLIERS ENGAGED IN EXECUTION OF WORK ON THESE DRAWINGS.
 - GENERAL CONTRACTOR SHALL FURNISH A COMPLETE SET OF PLANS AND ADDENDUMS TO ALL SUBCONTRACTORS ON THE JOB AND COORDINATE THEIR WORK. ANY DISCREPANCIES AND/OR CONFLICTS IN THE DRAWINGS SHALL BE NOTIFIED TO THE ARCHITECT BEFORE PROCEEDING WITH ANY INSTALLATION. FAILURE TO DO SO WILL BE THE ENTIRE RESPONSIBILITY OF THE GENERAL CONTRACTOR. ANY COSTS ARISING TO CORRECT THE DISCREPANCY AND/OR CONFLICT SHALL BE BORNE BY THE RESPONSIBLE PARTY.
 - DELIVER TO THE APPROVED SET OF DRAWINGS SHALL BE MADE IN THE FIELD WITHOUT THE EXPRESSED WRITTEN CONSENT OF THE ARCHITECT AND BUILDING OFFICIAL. IN SUCH CASE THE ARCHITECT SHALL PREPARE A REVISION IN ACCORDANCE WITH THE CHANGE. APPROVAL FROM THE BUILDING OFFICIAL SHALL BE OBTAINED BY THE CONTRACTOR BEFORE PROCEEDING WITH ANY WORK.
- ARCHITECT & CONTRACTOR RELATIONSHIP**
 - UNLESS CONTRACTED DIRECTLY BY CONTRACTOR, THE ARCHITECT AND CONTRACTOR ARE NOT IN A CONTRACTUAL RELATIONSHIP. ARCHITECT IS AN AGENT OF THE OWNER. BY SUBMITTING THESE CONSTRUCTION DOCUMENTS FOR PERMIT, THE CONTRACTOR ACKNOWLEDGES THAT THEY ARE COMPETENT, UNDERSTAND THE DOCUMENTS, AND ARE BOUND BY THE TERMS OF THE DOCUMENTS. IF THE CONTRACTOR VEERS FROM THESE PLANS, THEY ARE RESPONSIBLE TO THE OWNER. THE ARCHITECT IS NOT LIABLE FOR WORK THAT IS NOT SPECIFICALLY IDENTIFIED IN HIS INCOMPETENCY TO UNDERSTAND THE CONSTRUCTION DOCUMENTS. IT IS NOT THE ARCHITECT'S ERROR OR OMISSION IF THE ARCHITECT DOES NOT SPECIFY REFERENCE SOMETHING THAT IS REQUIRED BY THE CODES MENTIONED. THE CONTRACTOR AND SUBS ARE REQUIRED TO UNDERSTAND AND ADHERE THE BLDG CODES NO DIFFERENT THAN THE ARCHITECT.
- WORKMANSHIP:**
 - ALL WORK SHALL BE PERFORMED IN THE BEST AND MOST PROFESSIONAL MANNER BY CRAFTSMEN SKILLED IN THEIR RESPECTIVE TRADES.
- COORDINATION:**
 - THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF WORK FOR ALL TRADES.
 - A DRAWING MAY INADVERTENTLY OMIT SOME RELATED ITEM FROM ANOTHER DRAWING. THIS DOES NOT MEAN THAT THE SECONDARILY OMITTED ITEM IS NOT REQUIRED IN SO FAR AS IT AFFECTS THE TRADES. ALL TRADES SHALL INCLUDE EVERYTHING NECESSARY FOR A COMPLETE AND PROPERLY FUNCTIONING CODE, ACCEPTABLE PROJECT, UNLESS CERTAIN ITEMS ARE SPECIFICALLY INDICATED AS BEING PROVIDED BY OTHERS AS "NIC" (NOT IN CONTRACT).
- CONDITIONS NOT DETAILD:**
 - CONSTRUCTION DOCUMENTS CANNOT DETAIL EVERY CONDITION OR INSTRUCT THE CONTRACTOR ON HOW TO PERFORM THE WORK. EVERY CONNECTION, CORNER, FLASHING, ETC. MUST BE RESOLVED, NOTIFY ARCHITECT IF A CONDITION IS CLEARLY OMITTED FROM THE DRAWINGS. ARCHITECT IS NOT LIABLE FOR WORK THAT IS NOT SPECIFICALLY IDENTIFIED BY ARCHITECT. IF DRAWINGS HAVE A DETAILED SPECIFICATION FOR A CERTAIN PRODUCT, CONTRACTOR MAY REQUEST A SUBSTITUTION APPROVAL BY ARCHITECT. IF DRAWINGS HAVE A GENERIC SPECIFICATION CONTRACTOR IS FREE TO USE ANY PRODUCT THAT MEETS WHAT IS SPECIFIED WITHOUT APPROVAL BY ARCHITECT.
- VERIFY SITE INFORMATION:**
 - CONTRACTOR IS TO VERIFY ALL SITE INFORMATION AND ASSUMPTIONS, ESPECIALLY SUBTERRANEAN CONCEALED CONDITIONS INVOLVING HIDDEN UTILITIES AND SOIL CONDITIONS. SHOULD ANY CONDITIONS AFFECTING THE WORK BE DISCOVERED BY THE CONTRACTOR, HE IS TO NOTIFY THE ARCHITECT IMMEDIATELY. CONTRACTOR SHALL VERIFY THAT EXISTING SOILS MEET THE MINIMUM CAPACITY PER THE STRUCTURAL DESIGN.
- PRIOR TO ANY EXCAVATION WORK:**
 - THE CONTRACTOR SHALL LOCATE ANY AND ALL UTILITIES IN OR UNDER CONSTRUCTION, AND MAKE ARRANGEMENTS FOR THEIR LEGAL RE-ROUTING, AS ACCEPTABLE TO GOVERNING AGENCIES, AUTHORITIES, UTILITIES AND OWNER. CONTACT ALL AFFECTED UTILITY COMPANIES AND INFORM THEM OF THE IMPENDING CONSTRUCTION, AND OBTAIN THEIR ASSISTANCE IN LOCATING THEIR UTILITIES.
- DIMENSIONS:**
 - DIMENSIONS ON ARCHITECTURAL DRAWINGS MAY BE "ROUGH" OR "FINISH" - SEE PLANS FOR REQUIREMENTS.
 - ARCHITECTURAL DIMENSIONS SHALL TAKE PRECEDENCE OVER STRUCTURAL DIMENSIONS, IF NO OTHER CONFLICT RESULTS. DOCUMENT ANY SUCH DISCREPANCIES TO ARCHITECT IN WRITING. DO NOT RELY ON SCALED DIMENSIONS. NOTES TAKE PRECEDENCE OVER GRAPHICS. CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS FOR WORK TO EXISTING BUILDINGS.
- HEIGHT ELEVATIONS:**
 - BUILDING HEIGHT ELEVATIONS TYPICALLY USE THE MAIN FLOOR SLAB AS ELEVATION 0'-0" (BUILDING ELEVATIONS MAY BE NOTED AS "BLDG EL.", "OR EL.", "OR "AFF.") ANY ELEVATION NOT OTHERWISE DESIGNATED AS A SITE ELEVATION IS ON ANY PLANS OTHER THAN THE SITE PLAN IS ASSUMED TO BE A BUILDING ELEVATION. SITE ELEVATIONS MAY BE BASED ON THE SURVEY, WHICH MAY USE MEAN SEA LEVEL, NAVD, OR OTHER HEIGHT AS A REFERENCE DATUM. SITE ELEVATIONS SHALL BE NOTED AS "SEL", "NAVD", OR "X-X". CONSULT ARCHITECT FOR ANY QUESTIONABLE LOCATIONS PRIOR TO CONSTRUCTING.
- AMBIGUITY:**
 - IN THE EVENT OF ANY AMBIGUITY OR QUESTION WITH REGARD TO THE INTENT OF THE DOCUMENTS, THE ARCHITECT SHALL INTERPRET THE CONSTRUCTION DOCUMENTS.
 - IN CASE OF CONFLICTS BETWEEN ARCHITECTURAL AND STRUCTURAL DRAWINGS, CONSULT WITH ARCHITECT. IN CASE OF CONFLICT BETWEEN THE GENERAL NOTES, SPECIFICATIONS, AND DRAWINGS, CONSULT WITH ARCHITECT.
- FLORIDA PRODUCT APPROVALS / SUBMITTALS / SHOP DRAWINGS:**
 - THE SUBMITTALS AND APPROVALS OF THE PRODUCTS OF ACCEPTANCE (ANCA) - PRODUCT APPROVALS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS REQUIRED TO MAKE THESE AVAILABLE AT TIME OF INSPECTION. EVEN IF THE ARCHITECT PROVIDES THESE THE CONTRACTOR MAY CHANGE TO A DIFFERENT PRODUCT THAT MEETS THE SAME OR HIGHER BUILDING PRESSURES. SOME JURISDICTIONS WILL REQUIRE A REVISION. IF THERE IS A DISCREPANCY BETWEEN THE FASTENINGS OF PRODUCTS, ACCORDING TO MFR INSTALLATION AND ARCHITECT'S SPECS, VERIFY W/ ARCHITECT.
 - SHOP DRAWINGS/SUBMITTALS WILL BE REVIEWED FOR DESIGN CONFORMITY AND GENERAL CONFORMANCE TO CONSTRUCTION DOCUMENTS ONLY. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING DIMENSIONS AT JOBSITE FOR TOLERANCE, CLEARANCE, QUANTITIES, FABRICATION PROCESSES/TECHNIQUES OF CONSTRUCTION, COORDINATION OF HIS WORK WITH OTHER TRADES, AND FULL COMPLIANCE WITH CONSTRUCTION DOCUMENTS.
- GENERAL STRUCTURAL**
 - CONCRETE SHALL BE DESIGNED BY ARCHITECT OR ENGINEER. DESIGN PROFESSIONAL CERTIFIES THAT THE CONSTRUCTION DOCUMENTS MEET THE LOAD REQUIREMENTS STATED IN THE APPLICABLE FBC REFERENCED.
 - THE CONTRACTOR IS RESPONSIBLE FOR ALL METHODS, PROCEDURES AND SEQUENCES OF CONSTRUCTION, PROVIDE APPROPRIATE BRACING THROUGHOUT THE CONSTRUCTION AT THE EARLIEST DATE OF THE LATEST EDITION OF ALL ADEQUATE TEMPORARY BRACING AND SHORING, IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO EMPLOY THE NECESSARY PROFESSIONAL SERVICES TO DETERMINE THE NECESSARY METHODS AND SUPPORTS REGARDING FORMING AND CONSTRUCTION LOADS. TEMPORARY BRACING AND SHORING SHALL BE DESIGNED TO RESIST ALL CONSTRUCTION LOADS INCLUDING THE WEIGHTS OF ALL SUPPORTED MATERIALS PLUS A LIVE LOAD OF 50 PSF ON HORIZONTAL SURFACES. MAINTAIN TEMPORARY BRACING AND RETAIN IN PLACE UNTIL A PERMANENT STRUCTURAL SYSTEMS ARE CAPABLE OF RESISTING ALL CONSTRUCTION LOADS.
 - THE CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND START OF CONSTRUCTION. THE CONTRACTOR SHALL PROTECT AND MAINTAIN ALL CONSTRUCTION AND ITS CONTENTS.
 - SPECIFIC PRECAUTIONS SHALL BE PROVIDED TO ARCHITECT FOR APPROVAL OF HEAVY FINISHES SUCH AS TILE ROOFS OR STONE ON RAISED FLOORS.
- CAST-IN-PLACE CONCRETE**
 - ARCHITECT OR ENGINEER OF RECORD TO BE NOTIFIED IN WRITING PRIOR TO POUR, TO GIVE ARCHITECT THE OPTION TO INSPECT THE REINFORCEMENT FOR OVERHEAD BEAMS AND SLABS
 - CONCRETE PROPORTIONING, PLACING, FINISHING AND CURING SHALL BE AS PER THE LATEST EDITION OF THE PCA MANUAL. LEAVE SUPPORT FOR ELEVATED CONCRETE IN PLACE UNTIL THE CONCRETE HAS REACHED ITS DESIGN STRENGTH:
 -OVERHEAD SLABS AND BEAMS TO BE 4000 PSI CONCRETE MIN UNO
 -COLUMN AND WALL CONCRETE TO BE 3000 PSI CONCRETE MIN UNO
 -FOOTINGS AND SLAB-ON-GRADE TO BE 3000 PSI CONCRETE MIN UNO
 -AUGERCAST PILE TO BE 5000 PSI CONCRETE MIN UNO
 - CONCRETE, WHEN PLACED, SHALL HAVE A SLUMP OF 6 INCHES MAXIMUM AND 1 INCH MINIMUM EXCEPT FOR SLABS ON-GRADE WHICH SHALL HAVE A MAXIMUM SLUMP OF 5 INCHES AND A MINIMUM OF 3 INCH.
 - COMPLY WITH ALL REQUIREMENTS OF ACI 117-10, ACI 318-14, ACI-315.
 - ALL REINFORCING SHALL CONFORM TO ASTM 615 FOR GRADE 60 STEEL, WELDED WIRE MESH TO ASTM A-185. ARRANGEMENTS OF END BEARING REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE ACI DETAILING MANUAL AND THE CONCRETE REINFORCING STEEL INSTITUTE. DONT SPLICE IN MIDDLE 1/3 OF BEAM OR COLUMN SPL. IF A SPLICE IN SPAN IS UNAVOIDABLE, FOLLOW DEVELOPMENT LENGTH/LAP DISTANCE IF NOT NOTED VERIFY W/ ARCHITECT.
 - CHECK ALL DRAWINGS AND APPLICABLE MANUFACTURER'S SHOP DRAWINGS FOR LOCATION OF ALL EMBEDDED ITEMS SUCH AS PIPE SLEEVES, ANCHOR BOLTS, ETC., PRIOR TO PLACING CONCRETE.
 - PROTECT FRESHLY PLACED CONCRETE FROM PREMATURE DRYING AND EXCESSIVE COLD OR HOT TEMPERATURES. START INITIAL CURING AS SOON AS THE FREE WATER HAS DISAPPEARED FROM THE CONCRETE SURFACE AFTER PLACING AND FINISHING. KEEP CONTINUOUSLY MOIST FOR NOT LESS THAN 7 DAYS IN ACCORDANCE WITH ACI 301 PROCEDURES. PERFORM CURING OF THE CONCRETE BY CURING AND SEALING COMPOUND, BY MOIST CURING, BY MOISTURE RETAINING COVER CURING OR BY COMBINATION THEREOF.
 - SEE THE DRAWINGS FOR CONCRETE COVER FOR REINFORCING STEEL, BUT IN NO CASE SHALL THE COVER BE LESS THAN THAT REQUIRED BY ACI318:
 -CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"
 -CONCRETE EXPOSED TO EARTH OR WEATHER: #5 BARS AND SMALLER, 1 1/2" INCHES; #6 BARS AND LARGER, 2"
 -CONCRETE SLAB ON GRADE CONTROL JOINTS SHALL BE AS SHOWN ON THE FOUNDATION PLAN OR TYPICAL DETAILS. WHERE CONTROL JOINTS ARE NOT SHOWN ON PLANS, ALL CONCRETE SLABS ON GRADE SHALL BE BOUND BY KEYED, DOWELED OR SAW-CUT CONTROL JOINTS SUCH THAT THE ENCLOSED AREA DOES NOT EXCEED 200 SQUARE FEET. POST-TENSIONED CONCRETE SLABS ON GRADE SHALL NOT HAVE CONTROL JOINTS UNLESS SPECIFICALLY NOTED ON THE PLANS. EXPANSION JOINT FILLER SHALL BE NON-EXTRUDED PREMOLDED MATERIAL OF ASPHALT IMPREGNATED FIBERBOARD (ASTM D1751).
 - CONSTRUCTION JOINTS OR POUR JOINTS IN STRUCTURAL ELEMENTS (BEAMS, COLUMNS, ELEVATED SLABS, ETC.) NOT SPECIFICALLY SHOWN OR NOTED ON THE DRAWINGS REQUIRE PRIOR APPROVAL OF THE ARCHITECT. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING PROPOSED JOINTS TO ENGINEER FOR APPROVAL.
 - ALL CONCRETE SHALL UTILIZE A MINIMUM OF 20% FLY ASH CONTENT
 - VERTICAL AND HORIZONTAL REINFORCEMENT SHALL BE PROVIDED AS SHOWN ON THE DRAWINGS. PLACE VERTICAL REINFORCING BARS AT CORNERS, JAMBS OF OPENINGS, BELOW BEAM BEARING, AND IN WALLS AS INDICATED ON THE DRAWINGS. VERTICAL WALL REINFORCING BARS SHALL EXTEND CONTINUOUS FROM FOUNDATION INTO TOP BOND BEAM, MIN LAP SPICES, EMBEDMENT, AND END HOOK LENGTHS AS PER ACI 318 OR FBC UNO.
 - THE STRUTS TO START AT A DISTANCE FROM SUPPORT OF 1/2 THE SPACING
 - TO HOLES, CHASES, EMBEDMENT OF PIPES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT ARCHITECTS APPROVAL.

- CONCRETE MASONRY:**
 - CMU DESIGNED AND TO BE IN ACCORDANCE ACI 530-13/ASCE 5-13/TMS 402-13, "BUILDING CODE REG FOR MASONRY STRUCTURES", "COMMENTARY ON BUILDING REG FOR MASONRY STRUCTURES".
 - MASONRY STRENGTH (f'm DESIGN) UNO:
 BLOCK STRENGTH = 1800, ASTM C90
 -MORTAR STRENGTH = 1800, TYPE S
 -GROUT STRENGTH = 2000.
 - GROUT SHALL HAVE A SLUMP OF 8 TO 11 INCHES. BE IN CONFORMANCE WITH ASTM C 476-02 AND ATTAIN A COMPRESSIVE STRENGTH OF 3000 PSI. GROUT SHALL CONFORM TO REQUIREMENTS OF FBC STANDARDS. USE SUFFICIENT WATER FOR GROUT TO FLOW INTO ALL JOINTS OF THE MASONRY WITHOUT SEGREGATION. DO NOT OVERWATER. EXCESS WATER WILL BE REMOVED BY TROWELING. GROUT SOLID WITH GROUT. ALL MASONRY BELOW FINISHED FLOOR OR GRADE SHALL BE GROUTED SOLID. HOLD GROUT DOWN 1-1/2" BELOW TOP OF BLOCK AT GROUT LIFT JOINTS AND AT CONCRETE PLACED OVER MASONRY.
 - CONCRETE MASONRY UNITS SHALL BE PLUMB, TRUE TO LINE, WITH LEVEL COURSES ACCURATELY SPACED AND BUILT TO THE THICKNESS AND FINISHING BOND AS INDICATED AND CONFORMING TO THE TOLERANCES SPECIFIED IN ACI 531.1 AND 530.1.
 - REINFORCING BARS SHALL BE PLACED IN THE MIDDLE OF THE CELLS, UNLESS NOTED OTHERWISE, AND TIED OR OTHERWISE SECURELY SUPPORTED AT THE TOP AND BOTTOM TO ENSURE THAT THE BARS DOES NOT MOVE DURING CURING.
 - MORTAR DROPPINGS AND OTHER DEBRIS MUST BE KEPT OUT OF CELLS WHICH ARE TO BE GROUTED.
 - CONTROL JOINTS SHALL BE PROVIDED IN ACCORDANCE WITH THE LOCATIONS AND DETAILS SHOWN ON THE DRAWINGS. CONTROL JOINTS SHALL NOT EXTEND THROUGH THE TOP BOND BEAM COURSE. THE JOINTS ON BOTH SIDES OF THE WALL SHALL BE SEALED AND TOOLED SMOOTH.
 - WALL REINFORCEMENT: VERTICAL AND HORIZONTAL REINFORCEMENT SHALL BE PROVIDED AS SPECIFIED ON THE DRAWINGS. DESPITE IF SHOWN ON DRAWINGS, PLACE VERTICAL REINFORCING BARS AT CORNERS, EA CELL WITHIN 16" OF CORNER, JAMBS OF OPENINGS, EA CELL WITHIN 16" OF JAMBS FOR OPENINGS WIDER THAN 12". BELOW BEAM BEARING, BELOW GIRDER TRUSS BEARING, AND IN WALLS AS INDICATED ON THE DRAWINGS. IF NOT SPECIFIED IN TEXT ON DRAWINGS USE #5 @ 48" OC. WALL REINFORCING BARS SHALL EXTEND CONTINUOUS FROM FOUNDATION INTO TOP BOND BEAM. MIN LAP SPICES, EMBEDMENT, AND END HOOK LENGTHS AS PER ACI 318 OR FBC UNO. "T" TOLERANCE ALLOWED FOR WALL REINIF SPACING. SEE DOWEL NOTE 17.2 BELOW.
 - REINFORCED MASONRY LINTELS SUCH AS CAST CRETE TO BE INSTALLED AS PER MFR INSTRUCTIONS. USE #6 BENTON FIELD BAR IN LIEU OF #5 FOR ALL OPENINGS WIDER THAN 12". LINTELS TO HAVE 4" MINIMUM BEARING. CONTINUOUS REINFORCING COLUMNS, IF SPECIFIED, ON LINTEL LENGTH IS 4" AS LONG AS MIN BIRG IS MET. DOOR/Window LINTELS CAN BE DESPITE LARGER THAN SPECIFIED BUT NOT SHORTER.
 - UNO HORIZ JOINT REINFORCEMENT @ 16" OC IN MASONRY WALLS IS SUGGESTED BUT NOT REQUIRED TO CONTROL CRACKING.
 - WEATHER AND Drip STAINLESS - CONTINUE REINFORCING BARS CONT (UNINTERRUPTED) AROUND ALL CORNERS, OVER OPENINGS, ACROSS WALL INTERSECTIONS, THROUGH THE COLUMNS, AND UP/DOWN AT CHANGES IN BOND BEAM ELEVATION.
 - ALTERNATE WINDOW SILL: 4"X MIN X 8" W CAST CONC W/ (1) #5 EXTENDED 4" INTO FILLED JAMB CELLS.
- FOUNDATIONS:**
 - BUILDING AREA TO BE STRIPPED/GROUBED OF SURFACE DEBRIS/VEGETATION. FILL TO BE CLEAN GRANULAR & UNIFORMLY COMPACTED TO 95% DENSITY (ASTM D 1557) AND MEASURED IN 12" LIFTS. AT DISCRETION OF CONTRACTOR OR BLDG INSPECTOR, ARCHITECT RECOMMENDS SOIL TO BE TESTED BY GEOTECH ENGINEER TO ENSURE MINIMUM SOIL BEARING CAPACITY & RECOMMEND SITE PREP. DOWEL VERTICAL REINFORCING BARS OUT OF THE FOUNDATION OR STRUCTURE BELOW WITH BARS OF THE SAME SIZE AND SPACING OF WALL ABOVE. THERE SHALL BE A DOWEL FOR EACH VERTICAL REINFORCING BAR. MIN LAP SPICES, EMBEDMENT, AND END HOOK LENGTHS AS PER ACI 318 OR FBC UNO. FOR #5 MINIMUM 30" LAP W/ 10" HOOK UNO; SEE WALL REINFORCEMENT NOTE 16.8 ABOVE. FOR MISSED EMBEDDED DOWEL, EPOXY EMBED W/ 1"8" OVERSIZED HOLE DIA, 6" EMBED W/ CLEAN HOLE.
 - BUILDING SLABS-ON-GRADE TO BE REINFORCED WITH #6 @ 10" W/W MIN WITH MESH UP CHAIRS OVER 6-MIL MINIMUM POLYETHYLENE FILM VAPOR BARRIER UNDER TOP OF SLAB. REINFORCEMENT SHALL CONFORM TO SUGGESTION TO PROVIDE DIAGONAL .36" #4 REBAR AT ALL INSIDE REINFRANT CORNERS.
 - CONTINUOUS FOOTINGS, STEM OR MONOLITHIC, TO BE REINFORCED CONTINUOUS, WITH LAPS AS PER STATED DEVELOPMENT LENGTH IF NOTED OR 48x BAR DIAMETER MIN UNO. 30" MIN CORNERS BARS TO MATCH LONGITUDINAL REBAR.
 - SUGGESTION TO PROVIDE A 4-INCH MIDDLE TO COARSE SAND OR GRAVEL COMPACTED DRAINAGE FILL BELOW ALL INTERIOR SLABS-ON-GRADE.
 - SOIL AND SUBGRADE TO BE DETERMINE TREATED.
 - SLAB FINISHES UNO:
 -MAIN BUILDING: STEEL TROWEL FINISH
 -GARAGE: STEEL TROWEL THRESHOLD LIGHT BROOM
 -DRIVEWAY, DRIVEWAY APRON, PORCHES/PATIO: LIGHT BROOM
 -GARAGE, AND ALL EXTERIOR HARD SURFACES TO SLOPE AWAY FROM BLDG MIN 1/8"/FT.
 - CONCRETE PADS FOR VIBRATING EQUIPMENT SUCH AS PUMPS OR MOTORS TO BE SEPARATED FROM HOUSE SLAB WITH A MINIMUM OF AN ASPHALT EXPANSION JOINT.
 - RECESS SOD & GARAGE DOOR THRESHOLDS 3/4" - VERIFY EXACT DIMENSIONS WITH SUPPLIER/MFR.
 - COLUMN/WALL AND FOOTING CENTERLINES SHALL COINCIDE UNLESS DIMENSIONED OTHERWISE.
 - SLOPE GRADES AWAY FROM BUILDING ON ALL SIDES A MINIMUM OF 6" OVER 10', 4" SLOPE MAX.
- LIGHT GAGE METAL STUDS & MISC. METAL FRAMING:**
 - ALL LIGHT GAGE METAL INTERIOR STUDS SHALL BE G90 GALVANAIZED Z55 MINIMUM. USE 20 GA STUDS WHERE HEAVY LOADS ARE HUNG FROM SUCH AS TV'S OR WALL CABINETS. ALL WALL TRACKS SHALL BE 25 GA.
- HVAC:**
 - PLANS ARE SCHEMATIC. EXACT LAYOUT/SIZING OF UNITS, DUCTS, RETURN AIR GRILLES AND SUPPLY GRILLES ETC. SHALL BE DETERMINED BY A HVAC LICENSED CONTRACTOR. IF LAYOUT/SIZING IS PROVIDED HVAC CONTRACTOR TO VERIFY.
 - PROVIDE MANUFACTURED CONCRETE PAD AND BRACKETS RATED FOR SPECIFIED WIND LOAD FOR CONDENSING UNIT. FOR MOUNTING AND SECURING MECHANICAL EQUIPMENT, REFER TO THE MANUFACTURER'S SPECIFICATIONS.
- WOOD FRAMING**
 - ALL STRUCTURAL (LOAD BEARING) LUMBER SHALL BE SYP V OR DOUGLASS FIR, GRADE #2, KD 19% (Fb FOR LUMBER SIZES NOTED TO BE IN CONFORMANCE WITH VALUES LISTED IN THE NATIONAL DEPENDENT PRODUCTS ASSOCIATION NATIONAL DESIGN STANDARD SUPPLEMENT TABLE 4B), AND SHALL CONFORM TO THE NATIONAL GRADING RULE FOR DESIGN LUMBER, THE SOUTHERN PINE INSPECTION BUREAU AND THE SOUTHERN FOREST PRODUCTS ASSOCIATION. ALL NON-LOAD BEARING LUMBER (INTERIOR WALLS) TO BE #2 S.P.F. OR BETTER.
 - ALL WOOD MEMBERS IN CONTACT WITH CONCRETE AND/OR MASONRY TO BE PRESURE TREATED. ALL WOOD EXPOSED TO THE WEATHER OR IN CONTACT WITH THE GROUND TO BE PRESURE TREATED TO 0.80 CCA.
 - SPLICING FOR MULTY PLY HEADERS/BEAMS/COLUMNS:
 -2x4 - 10x COMMON NAIL @ 6" OC EACH LAYER STAGGERED.
 -2x6 - 2 ROWS 10x COMMON NAIL @ 12" OC EACH LAYER.
 -2x8 - 3 ROWS 10x COMMON NAIL @ 12" OC EACH LAYER.
 -2x10 - 4 ROWS 10x COMMON NAIL @ 12" OC EACH LAYER.
 -2x12 - 5 ROWS 10x COMMON NAIL @ 12" OC EACH LAYER.
 -LOCATE SPLICES OVER BRG SUPPORTS, GLUE BETW LAYERS. USE 16D IF 1/2" PLY SPACER USED.
 - LAMINATED TIMBER ELEMENTS (BENTS, BEAMS, DECK, ETC., AND ANCLARY ACCESSORIES, FASTENERS, ETC.)
 -FABRICATOR TO SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR ALL ELEMENTS OVER SIGNATURE AND SEAL OF FLORIDA ENGINEER (SPECIALTY ENGINEER)
 -SPECIALTY ENGINEER MAY SUBMIT CONNECTION DETAILS FOR BENTS AND BEAMS AND FASTENING MODE AND INTERVALS FOR DECK (CONNECTIONS FOR BEAM-ENDS TO RESIST ROTATION.)
 - GLUE-LAMINATED BEAMS (GLULAM) SHALL BE DOUGLAS FIR COMBINATION 24F-V4 AT SIMPLE SPANS AND 24F-V6 AT CANTILEVER SPANS HAVING THE FOLLOWING MINIMUM PROPERTIES: Fb = 2,400 PSI, Fv = 190 PSI, Fc (PERPENDICULAR) = 450 PSI, Et = 1,800,000 PSI. FABRICATION AND HANDLING SHALL CONFORM TO THE LATEST AMERICAN INSTITUTE FOR TIMBER CONSTRUCTION (AITC) AND ASTM STANDARDS. BEAMS SHALL BEAR AN APPROPRIATE GRADE STAMP CLEARLY NOTING ITS DESIGN PROPERTIES. UNLESS CAMBER AND TOLERANCE IS SPECIFICALLY NOTED ON THE DRAWINGS, BEAMS SHALL BE MANUFACTURED WITH INDUSTRY STANDARD MINIMUM CAMBER OR UPWARD TO SPAN200, ERECT WITH CROWN OR CAMBER UP. IN HEADER CONDITIONS (BEAM BUILT INTO WALL) CRIPPLE FRAMING ABOVE HEADER SHALL MAINTAIN CAMBER. HEADER BEAMS MAY HAVE ZERO CAMBER, PROVIDED CRIPPLE FRAMING ABOVE HEADER IS BUILT WITH MINIMUM CAMBER STATED ABOVE.
 - LAMINATED LUMBER AND "T" JOISTS AND RAFTERS SHALL BE INSTALLED AS PER MANUFACTURERS INSTRUCTIONS.
 - END STUDS OF EXTERIOR FRAME WALL OR DESIGNATED INTERIOR SHEAR WALLS TO ATTACH TO CONC WALL W/ 25" x 3.25" TAPCON @ 16" OC* ENDS. FOR INTERIOR BRG WALLS USE 1/4" x 2.75" TAPCON @ 32" OC* ENDS.
 - ALL WOOD NAILING AS PER FBC R 602.3 UNO.
- PLYWOOD SHEATHING:**
 - ALL PLYWOOD SHALL BE C-D OR C-C SHEATHING. INSTALL PLYWOOD WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. PROVIDE BLOCKING AT PANEL EDGES WHERE INDICATED ON THE PLANS.
 - UPPER PANELS TO BE ATTACHED TO THE TOP MEMBER OF THE UPPER DOUBLE TOP PLATE AND TO RIM JOIST AT BOTTOM OF WALL. PROVIDE BLOCKING FOR ALL EDGE NAILING OVER LENGTH OF PLYWOOD FOR EXTERIOR AND INTERIOR SHEAR WALLS USE 1/2" PLYWOOD AND #8 RINGSHANK GALV NAILS. SPACE NAILS @ 6" FIELD, 6" EDGE, 4" EDGE WITHIN 4" OF CORNERS.
 - FOR ROOF USE 5/8" PLYWOOD AND #8 RINGSHANK GALV NAILS. SPACE NAILS 6" FIELD, 6" EDGE, 4" EDGE WITHIN 4" OF CORNERS/SIDE/EDGES/FLASHINGS.
 - FOR SFLPOUR USE 3/4" PLYWOOD AND 2.5" #8 SCREWS & GLUE OR #8 RINGSHANK GALV NAILS & GLUE. SPACE FASTENERS 6" FIELD, 6" EDGE.
 - FOR ATTIC FLOOR USE 5/8" PLYWOOD AND #8 RINGSHANK GALV NAILS. SPACE NAILS 12" FIELD, 12" EDGE. UNO ALLOWED WHERE TRUSS ENGINEERING SPECIFICS.

- PE TRUSSES:**
 - FIELD VERIFY WITH ARCHITECT EXACT LOCATION AND CONFIGURATION BEFORE MODIFYING EXISTING TRUSSES. DO NOT CUT ANY FRAMING MEMBERS OR TRUSSES WITHOUT EXPRESS WRITTEN AUTHORITY FROM THE ENGINEER AND ARCHITECT.
 - FIELD VERIFY DIMENSIONS OF NEW PRE-ENGINEERED TRUSSES PRIOR TO CONSTRUCTING.
 - CONTRACTOR TO SUBMIT THE TRUSS ENGINEERING TO ARCHITECT TO REVIEW FOR ADHERENCE WITH DRAWINGS PRIOR TO CONSTRUCTION. ARCHITECT'S SEAL WILL NOT BE APPLIED.
 - TRUSS CONFIGURATION DRAWN ARE SHOWN ONLY. HOWEVER THE SUPPORTING STRUCTURE HAS BEEN DESIGNED UNDER THE ASSUMPTION THE FRAMING SCHEME SHOWN WILL CLOSELY PARALLEL FINAL LAYOUT MFR. EXACT TRUSS WEB, CHORD SIZES AND LAYOUT ARE TO BE DETERMINED BY THE MFR. TRUSS MFR TO DESIGN ANY PERMANENT BRACING REQUIRED FOR STABILITY.
 - ALL TRUSSES FURNISHED SHALL BE SUPPLIED WITH SIGNED AND SEALED TRUSS DIAGRAMS PROVIDING THE MFR'S TRUSS SPECIFIC REQUIREMENTS FOR BRACING AND LATERAL MOVEMENT. ALL TRUSS-TO-TRUSS CONNECTIONS TO BE SUPPLIED BY THE TRUSS MFR. VERIFY THAT THE CAPACITY OF THE TRUSS ANCHORS IS NOT EXCEEDED ON THE CONNECTIONS. ALL TRUSS ANCHORS CALLED OUT THAT ARE OF INSUFFICIENT CAPACITY SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR SUBSTITUTION.
 - CONCRETE BEAM CHORDS AS PER MFR SPECS, IF NOT PROVIDED, PROVIDE CONTINUOUS "RAT RUN" LATERAL BRACE PERPENDICULAR TO BC 2x4 @ 10' OC (2) 12x NAILS EA BC.
 - PREFABRICATED WOOD TRUSSES, JOISTS, AND GIRDER TRUSSES SHALL BE DESIGNED TO SUPPORT THEIR SELF-WEIGHT, PLUS LIVE LOAD AND SUPERIMPOSED DEAD LOADS, INCLUDING, BUT NOT LIMITED TO, WALLS EITHER PARALLEL OR PERPENDICULAR TO THE SPAN. ALL MECHANICAL AND OTHER EQUIPMENT, AND SHALL BE DESIGNED TO RESIST ALL DRAG FORCES, SHEARWALL UPLIFT AND DOWNWARD LOADS, AND OTHER SPECIALLY NOTED LOADS ON STRUCTURAL, MECHANICAL, PLUMBING, OR ELECTRICAL DRAWINGS OR CALCULATIONS. MINIMUM ALLOWABLE SHEAR SHALL BE 50 PSI. BRIDGING SIZE AND SPACING SHALL AS BE DESIGNATED BY TRUSS MFR UNLESS NOTED OTHERWISE. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, ERECTION CONSTRUCTION AND DESIGN CALCULATIONS INDICATED ON THE DRAWINGS. SHOP DRAWINGS SHALL SHOW ANY SPECIAL DETAILS REQUIRED AT BEARING POINTS. ALL CONNECTORS SHALL HAVE CURRENT ICBO APPROVAL. THE MFR SHALL DESIGN CONNECTION OF TRUSS REQUIRING PREFABRICATED HARDWARE HANGER OR OTHER.
 - FOR WALL REINIF SPACING. SEE DOWEL NOTE 17.2 BELOW. CONTRACTOR TO SUBMIT SHOP DRAWINGS SHOWING SIGNATURE AND SEAL OF FLORIDA ENGINEER (SPECIALTY ENGINEER). SPECIALTY ENGINEER MAY SUBMIT PREFERRERED CONNECTION AND OTHER DETAILS IF DIFFERENT FROM SAME ON DRAWINGS FOR APPROVAL.
- CONNECTORS/FASTENERS:**
 - CONNECTORS BY SIMPSON OR APPROVED SIMILAR TO BE HDG OR ZMAK COATED IF UNEXPOSED TO WEATHER AND Drip STAINLESS. IF NOT PROVIDED, PROVIDE WEATHER UPON COMPLETION.
 - UPLIFT CONNECTORS MAY BE SUBSTITUTED WITH ≥ THE DOCUMENTED UPLIFT VALUE IS ± SPECIFIED CONNECTOR. UNLESS SPECIFIED UPLIFT CONNECTORS ARE NOT REQUIRED ON LOAD-BEARING WALLS THAT ARE UPLIFT OR SHEAR. SPACE NAILS AT STRAPS AS TO NOT SPLT WOOD. USE MINIMUM NAIL QTY REQUIRED BY MFR. IF MULTIPLE FASTENER OPTIONS USE EITHER UNLESS SPECIFIED BY ARCHITECT.

ABBREVIATIONS:

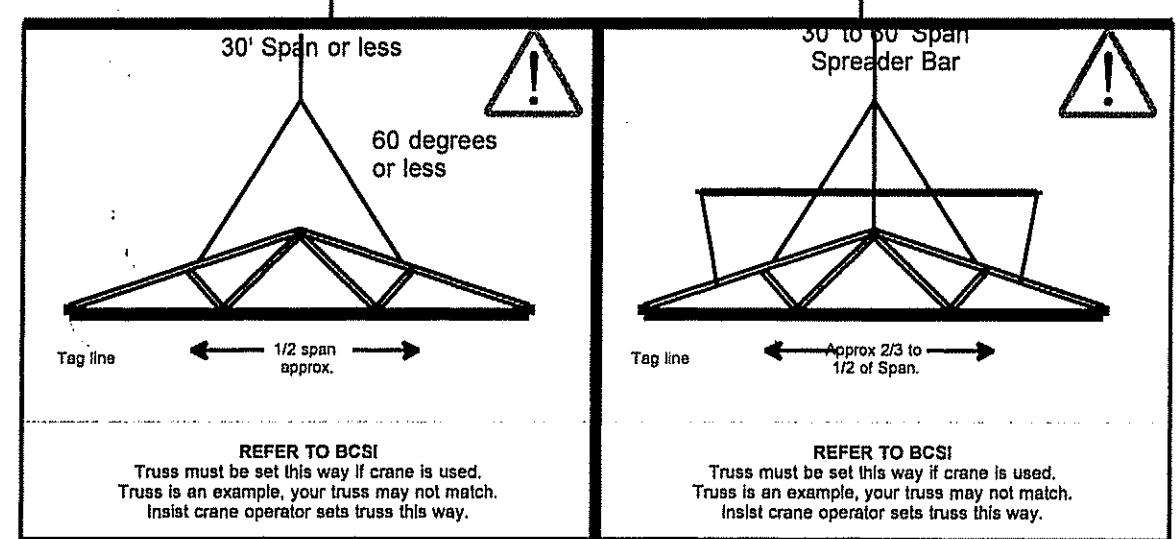
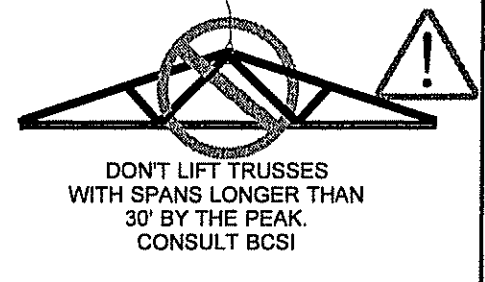
AN	ANCHOR BOLT
AC	AIR CONDITIONER
AH	AIR HANDLING UNIT
AC	ACOUSTICAL TILE
BM	BENCH MARK
BM	BEAM
BC	BOTTOM CHORD
BLK	BLOCK
BO	BY OWNER
BOTT	BOTTOM
BP	BOTTOM PLATE
CJ	CONTROL (CONSTRUCTION) JOINT
CL	CENTER LINE
CLR	CEILING
CLG	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	CONNECTOR
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CU	CONDENSING UNIT OR COPPER
CW	COLD WATER
CN	CONNECTION
D	NAIL SIZE (PENNY)
DIA	DRINKING FOUNTAIN
DM	DIMETER
DM	DIMENSION
DISP	DISPOSAL
DN	DOWN
DR	DRYER
DL	DETAIL
EW	DRIVEWAY
E'	EXISTING
EA	EACH
EJ	EXPANSION JOINT
EJ	BUILDING ELEVATION
ELEV	ELECTRICAL
ELEV	ELEVATOR OR ELEVATION
EW	ELECTRIC WATER COOLER
EXW	EXPOSED WATER HEATER
EXP	EXPOSED
EXT	EXTERIOR
EXT	EXISTING
F1	FOOTING #1
F1	FASTENER
FIN	FINISH FLOOR
FF	FIRE EXTINGUISHER
FF	FINISH FLOOR
FF	FINISH
FL	FLOOR
FR	FIRE PROTECTION
FR	EXPANDED POLYSTYRENE
FT	FOOTING
FT	FOOT (OR FEET)
GLV	GALVANIZED
GFI	GROUND FAULT INDICATOR
GSF	GROSS SQUARE FEET
GWH	GEYSER WATER HEATER
GW	GYPSUM WALL BOARD
HB	HOSE BIB
HC	HOLLOW CORE
HDG	HOT DIPPED GALVANIZED
HORIZ	HORIZONTAL
HW	HOT WATER
IHW	HOT WATER HEATER
IN	INCH
INT	INTERIOR
JT	JOINT
MAX	MAXIMUM
MCH	MECH/ELECT/PLUMB
MFR	MANUFACTURER
MIN	MINIMUM
MO	MASONRY OPENING
MW	MICROWAVE
NFC	NOT IN CONTRACT
NSF	NET SQUARE FEET
NF	NET IN CONTRACT
LI	LINTEL #1
L-F	LINAL FOOT
OA	OVERALL
OC	ON CENTER
OAS	OR APPROVED SIMILAR
PL	PROPERTY LINE OR PLATE
PLY	PLYWOOD
PT	PRESSURE TREATED
PVC	POLY VINYL CHLORIDE
R	RADIUS
RA	RETURN AIR
RCB	REINFORCED CONCRETE BEAM
RCC	REINFORCED CONCRETE COLUMN
RD	ROOF DRAIN
REF	REFRIGERATOR
REIN	REINFORCING
REQ	REQUIRED

Do not stand on trusses until they are braced per BCSI & properly nailed to straps and hangers !!

=LIFE SAFETY WARNING
This symbol identifies Life Safety Warnings that should be read and given special attention to all persons installing trusses.

SPACING NOTE
All trusses are to be set 2'-0" on center except as noted.

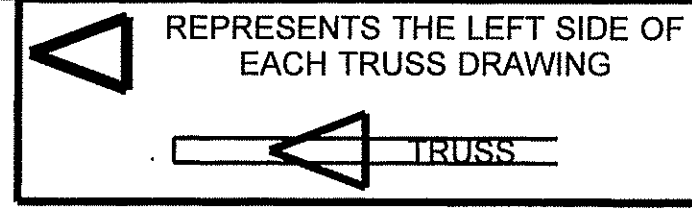
MULTIPLE PLY TRUSSES MUST BE FASTENED TOGETHER PER ENGINEERING BEFORE SETTING. REFER TO ENGINEERING DRAWING TO DETERMINE IF MULTIPLE PLY.



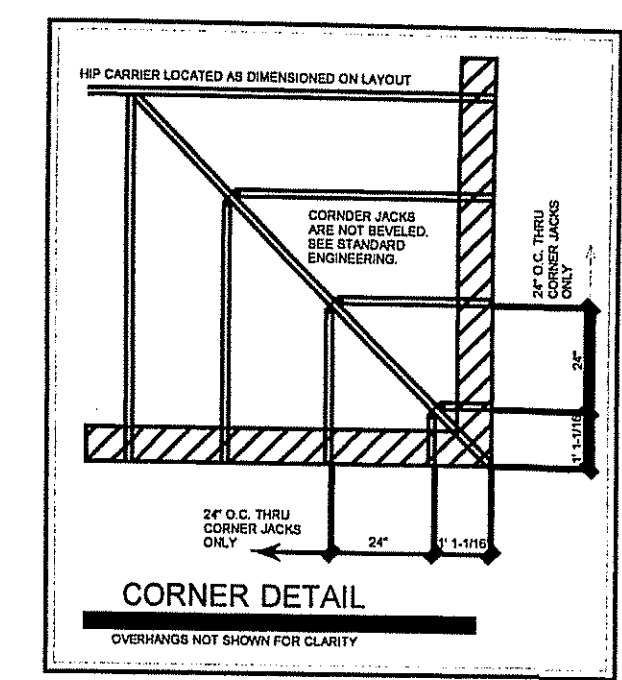
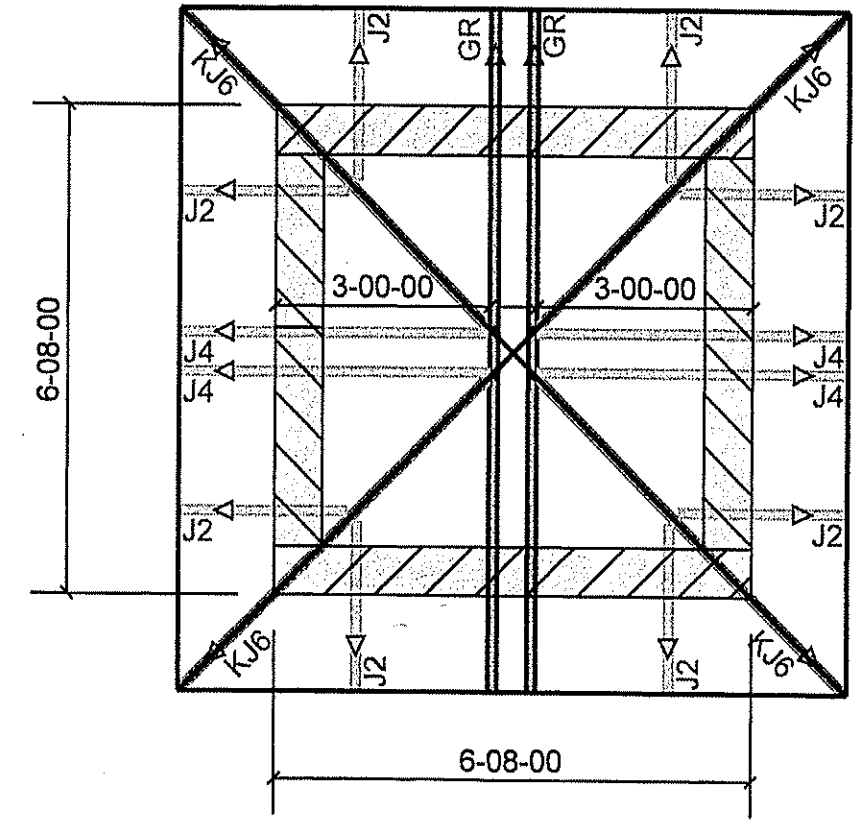
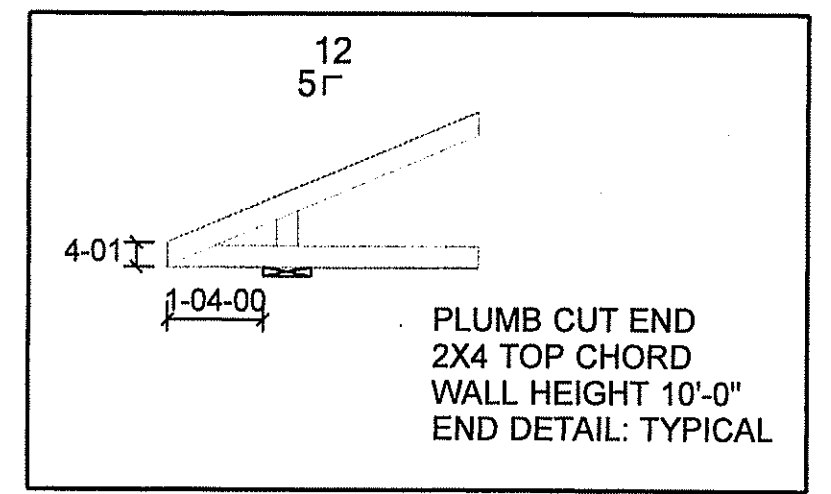
All load bearing walls, headers, beams, & lintels must be in place at indicated height before trusses are installed.

AIR HANDLER NOTE
Unless noted elsewhere on this layout, these trusses are not designed for air handlers in the roof or for any other A/C requirements. This may be in conflict with building code and A/C Design requirements. Consult with Building Department and A/C Contractor.

WARNING
The size of these trusses makes it necessary that they be set by a professional builder familiar with and experienced in the problems and dangers of setting large span trusses. The builder and erector should consult with an engineer licensed in Florida specializing in wood roof trusses about the safe erection of these trusses. The engineer should be at the job site when trusses are erected to provide supervision and advice.



SEAT PLATES BY CHAMBERS TRUSS



FABRICATION AGREEMENT
TRUSSES CANNOT BE STARTED UNTIL THIS AGREEMENT IS SIGNED & RETURNED

The undersigned acknowledges and agrees:

- Trusses will be made in strict accordance with this truss placement diagram layout, which is the sole authority for determining successful fabrication of the trusses.
- All dimensions in this layout have been verified by the undersigned.
- Unless written notice is provided by certified mail to Chambers Truss within ten (10) days of delivery the undersigned agrees that no backcharges will be allowed. In the event such written notice is furnished Chambers Truss shall have three (3) business days in which to begin repairs required, or to substitute other trusses, at Chambers option. After 10 days of delivery remedy will be according to Florida statute 558.
- The undersigned acknowledges receipt of "BCSI" summary sheet by TPI & WTCA.
- Delivery is to job site. It is the buyer's responsibility to make the job site suitable for delivery. Chambers Truss will be responsible for dump delivery only. The buyer is responsible for additional delivery expenses if Chambers Truss has to re-deliver because job site is not prepared for delivery or buyer is not prepared for delivery of trusses. Buyer is responsible to Chambers Truss for towing costs due to site conditions.
- Price as shown in paragraph 7 below is subject to change if any changes are made in this layout. A \$50 per hour fee for revisions may be charged by Chambers Truss.
- This is a PURCHASE ORDER to Chambers Truss of the sum agreed to, or if no agreement a reasonable price. Invoice will be made on delivery and paid within terms of net on delivery. Invoice may be made at scheduled date of delivery if buyer cannot accept delivery of fabricated trusses. The undersigned agrees to pay Chambers Truss reasonable attorney's fee for collections in event of payment not timely made. 1-1/2 % per month service charge will be added for all sums not paid within terms.
- Signature or initials anywhere on this sheet constitutes agreement to all terms herein.
- In consideration of Chambers Truss extending credit for this material the undersigned unconditionally guarantees payment when due of any and all indebtedness owed to Chambers Truss by any entity receiving material and the undersigned agrees to pay such indebtedness including attorney's fees, if default in payment for material be made by the recipient.
- In the event of any litigation concerning this agreement, the items furnished hereunder or payments referred to herein, the parties agree that the sole venue for any such action will be Saint Lucie County, Florida.
- Design responsibilities are per International Standard and Recommended Guidelines On Responsibilities For Construction Using Metal Plate Connected Wood Trusses ANSIT/PTWCA 4 - 2002b
- Warranty is per Chambers Truss Warranty attached.

DATED _____
SIGNED _____
FOR _____ TITLE _____

A spreader bar may be required per "BCSI" to prevent injury & damage.
Multiple ply trusses must be fastened together per engineering before they are set, failure to do so can result in roof collapse.
Temporary and permanent bracing are required and can save life and property and is the responsibility of the truss erector.
Study the contents of the information packet included on delivery before setting trusses.
Trusses must be set and braced per design to prevent injury & damage.
Trusses must be set plumb and square
Do not set bunks or stack of plywood, roofing material or any other concentrated loads on trusses, this can cause collapse.
DO NOT INSTALL TRUSSES USING THIS USE PLAN DELIVERED WITH TRUSSES TO SET TRUSSES

CHAMBERS TRUSS INC
3105 Oleander Avenue
Fort Pierce, Florida 34982-6423
800-551-5932
Fort Pierce 772-465-2012 Fax 772-465-8711
Vero Beach 772-569-2012 Stuart 772-286-3302
Web Site: CHAMBERSTRUSS.COM
Email: MAIL@CHAMBERSTRUSS.COM

MTEK VERSION 7.4.1-451

LOADING/DESIGN CRITERIA REDUCIBLE PER CODE SUCH AS SBC 1604E.1

DESIGN CRITERIA		ST. LUCIE FT. PIERCE	
County	ST. LUCIE		
Building Department	FT. PIERCE		
Wind Design Criteria	ASCE 2010		
Wind Design Method	MWFRS(Directional)/C-C hybrid Wind ASCE 7-10		
Roofing Material	Shingle or Shake		
Loading in PSF	Roof R.D.L.	Floor	
Top Chord Live	20	0	
Top Chord Dead	7	4.2	0
Bottom Chord Live	*10-Non Concurrent		0
Bottom Chord Dead	10	3	0
Total Load	47	7.2	0
Duration Factor	1.25		0
Wind Speed	170mph		
Top Chord C.B.	Sheathing by builder		
Bottom Chord C.B.	Sheathing by builder		
Highest Mean Height	15'		
Building Type	Enclosed		
Building Category	II: Non Restrictive		
Exposure Category	C>Open Terrain with scattered obstructions		
Miles from Ocean	5		
Conforms to Florida Building Code 2017			
R.D.L.=Restraining Dead Load C.B.=Continuous Bracing			

Verify DESIGN CRITERIA shown above with the building department and your engineer. Design Criteria is the responsibility of the Building Designer and/or Engineer of Record

Chambers Truss Inc. Drawing Name: 77145
SCALE: 3/8" = 1'-0"
18 total trusses, 4 unique designs
Designer: RAC Reviewed by: _____
Date: 11/23/20
FOR
PAUL JACQUIN & SONS
DESCRIPTION:
GATE HOUSE FOR 76930
Page 1 of 1 CUSTOMER INITIALS EACH PAGE _____
77145

DocuSigned by:
Frank Uehler
E055AF30E0248E
2/2/2021