

STRUCTURAL NOTES:

- STRUCTURE HAS BEEN DESIGNED FOR A 120 MILE PER HOUR BASIC WIND SPEED EXPOSURE B, IN ACCORDANCE WITH THE 2007 EDITION OF THE FLORIDA STATE BUILDING CODE (FSBC).
- DESIGN ROOF LOADS:**
LIVE LOAD = 20 PSF
DEAD LOAD = 15 PSF
DESIGN FLOOR LOADS:
LIVE LOADS: MINIMUM UNIFORM DISTRIBUTED ASSEMBLY AREAS = 100 PSF
DEAD LOAD = 10 PSF

- 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.
- REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT GIVEN OR CONTROLLED. ANY DIMENSION DISCREPANCIES FOUND ON THE STRUCTURAL DRAWINGS SHALL BE INDICATED BY THE DIMENSIONS INDICATED ON THE ARCHITECTURAL DRAWINGS AFTER VERIFICATION WITH THE ARCHITECT & ENGINEER.

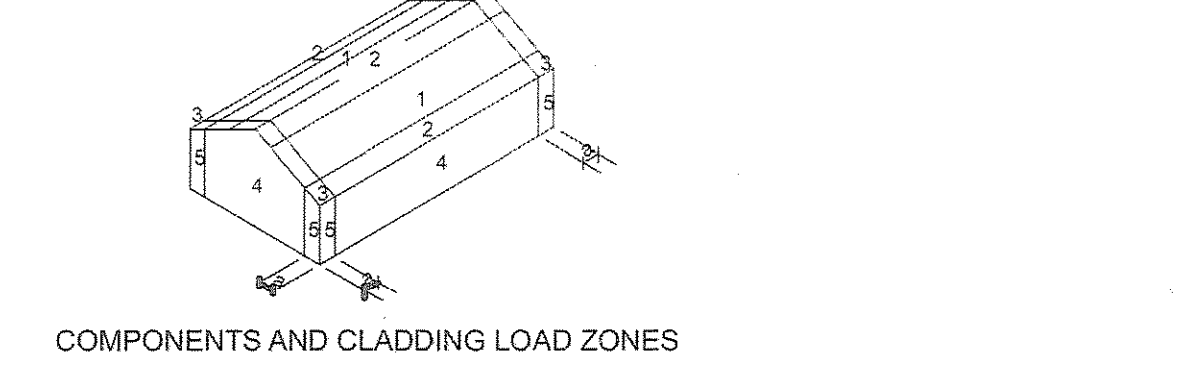
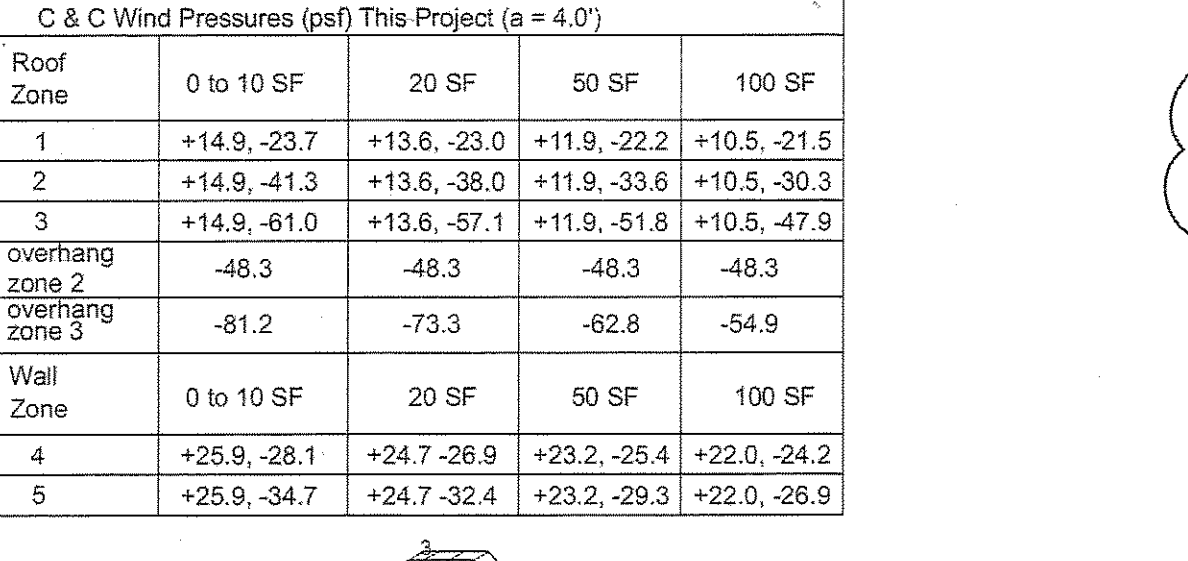
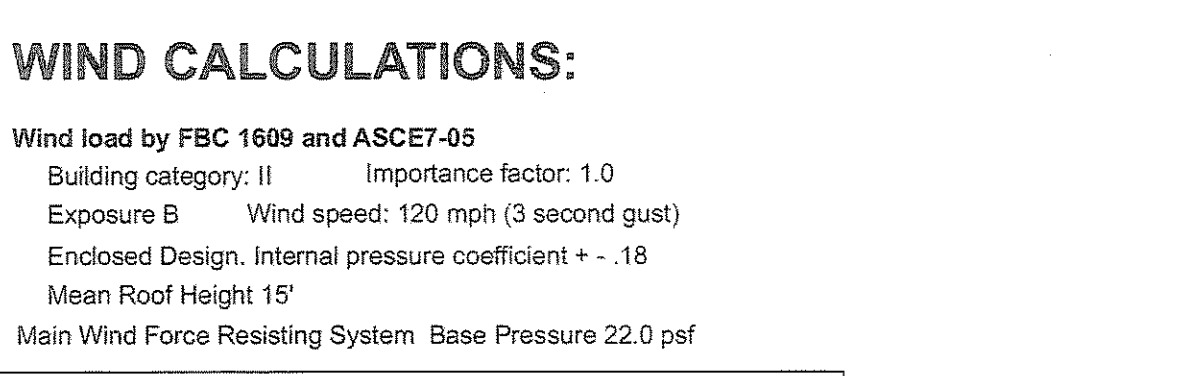
- FOR MOUNTING AND SECURING MECHANICAL EQUIPMENT, REFER TO THE MANUFACTURERS INSTRUCTIONS.
- FOUNDATIONS:**
1. SLAB HAS BEEN DESIGNED FOR A MINIMUM UNIFORM ALLOWABLE SOIL BEARING VALUE OF 2000 PSF. CONTRACTOR SHALL SUBMIT SOILS TEST REPORTS TO THE ARCHITECT VERIFYING THE ALLOWABLE SOIL BEARING CAPACITY PRIOR TO ANY FLAT WORK.
2. CONTRACTOR RESPONSIBLE FOR IN-PLACE SOILS TO BE UNIFORMLY COMPACTED AND TESTED TO ENSURE MINIMUM SOIL BEARING PRESSURE CAPACITY OF 2,000 PSF.
3. ANY ADDITIONAL FILL MATERIAL REQUIRED SHALL CONSIST OF SOILS THAT CONTAIN NOT MORE THAN 12% OF FINES (SILT OR CLAY PARTICLES) PASSING A NO. 200 SIEVE AND SHALL BE PLACED IN UNIFORM LAYERS NOT EXCEEDING 12" INCHES THICK. EACH LAYER SHALL BE SYSTEMATICALLY AND UNIFORMLY COMPACTED IN THE MANNER AND TO THE DEGREE SPECIFIED FOR THE IN-PLACE SOILS.
4. COMPLY WITH SPECIFIED TERMITES TREATMENT (SECTION 1816 FSBC), UNLESS LATEST REGULATIONS WILL NOT ALLOW SPECIFIED CHEMICALS. PROVIDE SUBMITTAL OF CURRENTLY ALLOWED CHEMICALS. IF NO CHEMICALS SPECIFIED OR NOT ALLOWABLE AS SPECIFIED, TERMITES TREATMENT SHALL BE IN COMPLIANCE WITH LATEST APPLICABLE FHA REGULATIONS AND STATE LAW. CONTRACTOR TO FURNISH OWNER WITH A 5 YEAR WRITTEN BOND PRIOR TO RECEIVING PAYMENT, UNLESS INDICATED OTHERWISE IN SPECIFICATIONS.

- CONCRETE:**
1. STRUCTURAL CONCRETE, INCLUDING FOOTINGS, SHALL CONFORM TO THE REQUIREMENTS OF ACI 301 AND SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS (FC) OF 3000 PSI UNLESS OTHERWISE NOTED. CONCRETE FOR SLABS ON-GRADE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH IN 28 DAYS OF 2500 PSI.
2. CONCRETE, WHEN PLACED, SHALL HAVE A SLUMP OF 8 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.
3. ALL REINFORCING SHALL CONFORM TO ASTM 615 FOR GRADE 60 STEEL, WELDED WIRE MESH TO ASTM A-185.
4. CHECK ALL DRAWINGS AND APPLICABLE MANUFACTURERS SHOP DRAWINGS FOR LOCATION OF ALL EMBEDDED ITEMS SUCH AS PIPE SLEEVES, ANCHOR BOLTS, ETC., PRIOR TO PLACING CONCRETE.
5. REINFORCEMENT FOR CONTINUOUS FOOTINGS SHALL BE CONTINUOUS AND SPLICED WITH A FULL 30 INCH LAP. PROVIDE CORNER BARS FOR EACH CONTINUOUS BAR, HAVING 30 INCH LEGS IN EACH DIRECTION.
6. REINFORCEMENT FOR BOND BEAMS SHALL BE CONTINUOUS AND SPLICED WITH A FULL 30 INCH LAP. PROVIDE CORNER BARS FOR EACH CONTINUOUS BAR HAVING 30 INCH MINIMUM LEGS IN EACH DIRECTION.
7. PROTECT FRESHLY PLACED CONCRETE FROM PREMATURE DRYING AND EXCESSIVE COLD OR HOT TEMPERATURES. START INITIAL CURING AS SOON AS 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 MOST CURING, BY MOISTURE RETAINING COVER CURING OR BY COMBINATION THEREOF.
8. THE FOLLOWING MINIMUM CONCRETE COVER SHALL BE PROVIDED FOR THE REINFORCEMENT:
A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3 INCHES
B. CONCRETE EXPOSED TO EARTH OR WEATHER: #5 BARS AND SMALLER, 1 1/2" INCHES; #6 BARS AND LARGER, 2 INCHES
9. 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 KEYS, DOWELED OR SAW-CUT CONTROL JOINTS SUCH THAT THE ENCLOSED AREA DOES NOT EXCEED 200 SQUARE FEET. IF BOUNDARY DIMENSIONS SHALL NOT EXCEED 5:1. KEYS OR DOWELED CONTROL JOINTS NEED ONLY OCCUR AT EXPOSED EDGES DURING POURING. ALL OTHER JOINTS MAY BE SAW-CUT, POST-TENSIONED CONCRETE SLABS ON GRADE SHALL NOT HAVE CONTROL JOINTS UNLESS SPECIFICALLY NOTED ON THE PLANS.
10. 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 ENGINEER. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS SHOWING PROPOSED JOINTS TO ENGINEER FOR APPROVAL.
11. ALL CONCRETE SHALL UTILIZE A MINIMUM OF 20% FLY ASH CONTENT.

- STRUCTURAL STEEL:**
1. ALL STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A-36 AND THE "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION. ALL STEEL PIPE SHALL CONFORM TO ASTM A-53, TYPE E (Fy = 35 KSI).
2. ALL SHOP CONNECTIONS TO BE WELDED (UTILIZING E70XX ELECTRODES) AND FIELD CONNECTIONS TO BE BOLTED UNLESS OTHERWISE SPECIFICALLY NOTED ON THE STRUCTURAL DRAWINGS. ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF "THE STANDARD CODE FOR WELDING IN BUILDING CONSTRUCTION" OF THE AMERICAN WELDING SOCIETY.
3. ALL STEEL TO RECEIVE ONE SHOP COAT AND ONE FIELD TOUCHUP COAT OF APPROVED PAINT.
4. ALL BOLTED CONNECTIONS SHALL CONSIST OF ASTM A325 HIGH STRENGTH BOLTS AND HARDENED WASHERS AS SHOWN ON THE STRUCTURAL DRAWINGS. ALL BOLTED CONNECTIONS SHALL CONFORM TO THE REQUIREMENTS FOR STRUCTURAL STEEL JOINTS USING ASTM A325 OR A490 BOLTS BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.
5. ALL ANCHOR BOLTS SHALL CONFORM TO ASTM A36 OR A307 (THREADED ROD).
6. SUBMIT SHOP DRAWINGS FOR REVIEW OF CONFORMANCE TO DESIGN CONCEPT. CONTRACTOR TO MAKE CHANGES AS REQUIRED AND RE-INSTALL TWO COPIES.
7. GROUT FOR COLUMN BASE PLATES SHALL BE NON-SHRINK GROUT BY "EMBECCO" OR APPROVED EQUAL, 5000 PSI MINIMUM.

- WIND CALCULATIONS:**
Wind load by **IBC 1609 and ASCE7-05**
Building category: II Importance factor: 1.0
Exposure B Wind speed: 120 mph (3 second gust)
Enclosed Design, Internal pressure coefficient + .18
Mean Roof Height 15'
Main Wind Force Resisting System Base Pressure 22.0 psf

C & C Wind Pressures (psf) This Project (a = 4.0')				
Roof Zone	0 to 10 SF	20 SF	50 SF	100 SF
1	+14.9, -23.7	+13.6, -23.0	+11.9, -22.2	+10.5, -21.5
2	+14.9, -41.3	+13.6, -38.0	+11.9, -33.6	+10.5, -30.3
3	+14.9, -61.0	+13.6, -57.1	+11.9, -51.8	+10.5, -47.9
overhang zone 2	-48.3	-48.3	-48.3	-48.3
overhang zone 3	-81.2	-73.3	-62.8	-54.9
Wall Zone	0 to 10 SF	20 SF	50 SF	100 SF
4	+25.9, -28.1	+24.7, -26.9	+23.2, -25.4	+22.0, -24.2
5	+25.9, -34.7	+24.7, -32.4	+23.2, -29.3	+22.0, -26.9



COMPONENTS AND CLADDING LOAD ZONES

- MASONRY:**
1. ALL MASONRY UNITS SHALL CONFORM TO THE REQUIREMENTS OF ASTM C80 FOR LOAD BEARING MASONRY WITH A MINIMUM Fm OF 1500 PSI UNLESS NOTED OTHERWISE ON THE PLANS. MASONRY STRENGTH (Fm DESIGN) 1500
BLOCK STRENGTH = 1900
MORTAR STRENGTH = 1800
GROUT STRENGTH = 2000
2. MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM WITH ALL THE REQUIREMENTS OF THE "SPECIFICATIONS FOR MASONRY STRUCTURES" (ACI 530.1-05/ASCE 5-05/TMS 402-05), AS PUBLISHED BY THE MASONRY STANDARDS JOINT COMMITTEE.
3. MASONRY CONSTRUCTION SHALL BE PERFORMED UNDER THE DIRECT SUPERVISION OF A "CERTIFIED STRUCTURAL MASONRY CONTRACTOR" OR "CERTIFIED STRUCTURAL MASON" AS RECOGNIZED BY THE FLORIDA CONCRETE AND PRODUCTS ASSOCIATION (FC&PA).
4. MORTAR MIX SHALL CONFORM TO REQUIREMENTS OF FLBC STANDARDS, TYPE M OR S, TYPE M MORTAR SHALL BE USED WHERE MASONRY IS IN CONTACT WITH SOIL.
5. GROUT SHALL HAVE A SLUMP OF 8 TO 11 INCHES, BE IN CONFORMANCE WITH ASTM C 476-02 AND ATTAIN A COMPRESSIVE STRENGTH OF 1800 PSI GROUT SHALL CONFORM TO REQUIREMENTS OF FLBC STANDARDS. USE SUFFICIENT WATER FOR GROUT TO FLOW INTO ALL JOINTS OF THE MASONRY WITHOUT SEGREGATION. ALL CELLS IN CONCRETE BLOCKS CONTAINING REINFORCING SHALL BE FILLED SOLID WITH GROUT. ALL MASONRY BELOW FINISHED FLOOR OR GRADE SHALL BE GROUTED SOLID. HOLD GROUT DOWN 1/2" BELOW TOP OF BLOCK AT GROUT LIFT JOINTS AND AT CONCRETE PLACED OVER MASONRY.
6. CONCRETE MASONRY UNITS SHALL BE PLUMB, TRUE TO LINE, WITH LEVEL COURSES ACCURATELY SPACED AND BUILT TO THE THICKNESS AND IN A RUNNING BOND AS INDICATED AND CONFORMING TO THE TOLERANCES SPECIFIED IN ACI 531.1 AND 530.1. CONCRETE UNITS SHALL BE STORED OFF OF THE GROUND SURFACE AND COVERED TO PROTECT THEM FROM ABSORBING RAIN OR BEING CONTAMINATED WITH OTHER FOREIGN MATTER. CONCRETE UNITS SHALL BE DRY WHEN LAID. EACH UNIT SHALL BE ADJUSTED TO FINAL POSITION IN THE WALL WHILE THE MORTAR IS STILL SOFT AND PLASTIC. ANY UNIT DISTURBED AFTER THE MORTAR HAS STIFFENED SHALL BE REMOVED AND RE-LAID WITH FRESH MORTAR. VERTICAL CELLS SHALL BE ALIGNED TO PROVIDE A CONTINUOUS, UNOBSTRUCTED OPENING. ALL ANCHORS, ACCESSORIES AND OTHER ITEMS TO BE BUILT-IN SHALL BE INSTALLED AS THE MASONRY WORK PROGRESSES. ALL CUTTING AND FITTING OF MASONRY, INCLUDING THAT REQUIRED TO ACCOMMODATE THE WORK OF OTHERS SHALL BE DONE BY MASONRY CRAFTSMEN WITH MASONRY SAWS.
7. HOLLOW UNITS SHALL BE LAID WITH FULL HEAD AND BED JOINTS TO THE THICKNESS OF THE FACE SHELL AS A MINIMUM. THE WEBS SHALL ALSO BE BEDDED IN ALL COURSES, STARTING AT THE FOUNDATION. ADJACENT TO CELLS TO BE REINFORCED AND/OR FILLED WITH GROUT. MORTAR JOINTS SHALL BE TOoled WHEN THE MORTAR IS "THUMPRINT" HARD, BOTH ON THE INSIDE AND OUTSIDE SURFACES OF THE BUILDING WALL, WITH A TOOL PRODUCING A CONCAVE SURFACE. BED JOINTS SHALL BE 3/8" IN THICKNESS. HEAD JOINTS SHALL BE 3/8" (-1/4", +3/8").
8. 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 BAR DOES NOT MOVE DURING GROUTING. MINIMUM LAP AT ALL SPLICES OR DOWELS SHALL BE 30 INCHES FOR #5 BARS AND 25 INCHES FOR #4 BARS UNLESS OTHERWISE NOTED ON THE DRAWINGS.
9. GROUTING SHALL BE ACCOMPLISHED IN 5 FOOT LIFTS. EACH LIFT SHALL BE MECHANICALLY CONSOLIDATED INTO THE PREVIOUS LIFT, WHEN PLACED, SO AS TO PREVENT COLD JOINTS. RECONCILIATE AS REQUIRED. 12 SQUARE INCH CLEARANCE SHALL BE MAINTAINED AT THE BOTTOM OF EACH CELL TO BE FILLED AND IT SHALL BE THOROUGHLY CLEANED OUT PRIOR TO FILLING OF THE CELL. GROUT PLACEMENT STOPPED FOR MORE THAN ONE HOUR SHALL BE STOPPED BELOW THE TOP OF THE MASONRY UNIT 1-1/2" TO PROVIDE A KEY FOR SUBSEQUENT GROUTING.
10. THE MINIMUM CONTINUOUS UNOBSTRUCTED CELL AREA IN CELL TO RECEIVE GROUT MUST NOT BE LESS THAN 2' x 2'. MORTAR FINISH MUST BE REMOVED AS BLOCK PLACEMENT PROCEEDS. MORTAR DROPPINGS MUST BE KEPT OUT OF CELLS WHICH ARE TO BE GROUTED.
11. TEMPORARY BRACING AND SHORING OF ALL CONCRETE MASONRY CONSTRUCTION, TO PROVIDE STABILITY DURING CONSTRUCTION UNTIL THE CONSTRUCTION ACHIEVES ITS PROPER STRENGTH AND SUPPORTING CONSTRUCTION CAN WITHSTAND THE INDUCED LOADS, TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
12. 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.
13. UNLESS SPECIFICALLY SHOWN OTHERWISE, PROVIDE #9 GA. HOT DIP GALVANIZED "DUR-O-WALL" TRUSS TYPE REINFORCING IN EVERY OTHER COURSE.

- LUMBER:**
1. ALL STRUCTURAL (LOAD BEARING) LUMBER SHALL BE S. Y. P., GRADE #1, KD 19% (Fb FOR LUMBER SIZES NOTED TO BE IN CONFORMANCE WITH VALUES LISTED IN THE NATIONAL FOREST PRODUCTS ASSOCIATION NATIONAL DESIGN STANDARD SUPPLEMENT TABLE 4B), AND SHALL CONFORM TO THE NATIONAL GRADING RULE FOR DIMENSION LUMBER, THE SOUTHERN PINE INSPECTION BUREAU AND THE SOUTHERN FOREST PRODUCTS ASSOCIATION. ALL NON-LOAD BEARING FRAMING LUMBER (INTERIOR WALLS) TO BE #2 S.P.F. OR BETTER.
2. ALL PLYWOOD SHALL BE C-D OR C-C SHEATHING CONFORMING TO FBC STANDARDS 23-2 AND 23-3. LAY UP PLYWOOD WITH FACE GRAIN PERPENDICULAR TO SUPPORTS. PROVIDE BLOCKING AT PANEL EDGES WHERE INDICATED ON THE PLANS. ALL PLYWOOD SHALL CONFORM TO THE FOLLOWING NOMINAL THICKNESS, SPAN RATING AND NAILING PATTERN UNLESS NOTED OTHERWISE.
THICKNESS: SPAN RATING: EDGE NAILING: FIELD NAILING:
1 3/2" (1/2") 32/16 8d RING SHANK @ 6" O.C. 8d RING SHANK @ 6" O.C.
1 3/4" (5/8") 32/16 10d @ 4" O.C. 10d @ 5" O.C.
UNLESS NOTED OTHERWISE ON PLAN (SEE PLAN), ROOF SHEATHING SHALL BE 1 3/2" MINIMUM AT PANELIZED CONSTRUCTION LAY UP PLYWOOD WITH FACE GRAIN PARALLEL TO SUPPORTS USING 5-PLY PLYWOOD.
3. 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 SPECIAL LOADS NOTED ON STRUCTURAL DRAWINGS. ARCHITECTURAL DRAWINGS OR CALCULATIONS, MINIMUM ALLOWABLE SHEAR SHALL BE 95 PSI. BRIDGING SIZE AND SPACING SHALL BE AS DESIGNATED BY TRUSS MANUFACTURER UNLESS NOTES OTHERWISE. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, ERECTION DRAWINGS AND DESIGN CALCULATIONS SEALED BY A REGISTERED ENGINEER. SHOP DRAWINGS SHALL SHOW ANY SPECIAL DETAILS REQUIRED AT BEARING POINTS. ALL CONNECTORS SHALL HAVE CURRENT ICBO APPROVAL. THE MANUFACTURER SHALL DESIGN CONNECTION OF TRUSS REQUIRING PREFABRICATED HARDWARE HANGER OR OTHER.
4. ALL TRUSSES FURNISHED SHALL BE SUPPLIED WITH SIGNED AND SEALED TRUSS DIAGRAMS PROVIDING THE MANUFACTURERS TRUSS SPECIFIC REQUIREMENTS FOR BRACING AND LATERAL MOVEMENT. ALL TRUSS-TO-TRUSS CONNECTORS TO BE SUPPLIED BY THE TRUSS MANUFACTURER. VERIFY THAT THE CAPACITY OF THE TRUSS ANCHORS CALLED OUT ON THE CONSTRUCTION DRAWINGS MEET OR EXCEED THE UPLIFT VALUES ON THE TRUSS ENGINEERING. ANY TRUSS ANCHORS CALLED OUT THAT ARE OF INSUFFICIENT CAPACITY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR SUBSTITUTION.
4.1 PREFABRICATED WOOD TRUSSES AND ANCILLARY WOOD-WORK, FASTENERS, ETC.
1. FABRICATOR TO SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR ALL ELEMENTS OVER SIGNATURE AND SEAL OF FLORIDA ENGINEER (SPECIALTY ENGINEER)
2. SPECIALTY ENGINEER MAY SUBMIT PREFERRED CONNECTION AND OTHER DETAILS IF DIFFERENT FROM SAME ON DRAWINGS FOR APPROVAL.
5. DO NOT SHIM ANY FRAMING COMPONENTS. DO NOT CUT ANY FRAMING MEMBERS WITHOUT EXPRESS WRITTEN AUTHORITY FROM THE ENGINEER. DO NOT CUT ANY TRUSSES.
6. DO NOT LOCATE ANY HOLES CLOSER THAN FOUR (4) BOLT DIAMETERS FROM THE END OF ANY WOOD FRAMING MEMBER.
7. ALL WOOD MEMBERS IN CONTACT WITH CONCRETE AND/OR MASONRY TO BE PRESSURE TREATED. ALL WOOD EXPOSED TO THE WEATHER OR IN CONTACT WITH THE GROUND TO BE PRESSURE TREATED TO 0.80 CCA.
8. RESERVED
9. NAILS SHALL BE RING SHANK FOR ROOF PANEL SHEATHING.
10. LAMINATED TIMBER ELEMENTS (BENTS, BEAMS, DECK, ETC.) AND ANCILLARY ACCESSORIES, FASTENERS, ETC.
1. FABRICATOR TO SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR ALL ELEMENTS OVER SIGNATURE AND SEAL OF FLORIDA ENGINEER (SPECIALTY ENGINEER)
2. SPECIALTY ENGINEER MAY SUBMIT CONNECTION DETAILS FOR BENTS AND BEAMS AND FASTENING MODE AND INTERVALS FOR DECK. (CONNECTIONS FOR BEAM-ENDS TO RESIST ROTATION.)
10.1. GLUE-LAMINATED BEAMS (GLULAM) SHALL BE DOUGLAS FIR COMBINATION 24F-V4 AT SIMPLE SPANS AND 24F-V8 AT CANTILEVER SPANS HAVING THE FOLLOWING MINIMUM PROPERTIES: Fb = 2,400 PSI, Fv = 190 PSI, Fc (PERPENDICULAR) = 650 PSI, E = 1,900,000 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 SPAN/200. 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.

- FIRE BLOCKING - DRAFT STOPPING:**
FIRE BLOCKING SHALL BE PROVIDED IN ALL WALLS AND PARTITIONS TO CUT OFF ALL CONCEALED DRAFT OPENINGS BOTH HORIZ. AND VERT. AND TO FORM A FIRE BARRIER BETWEEN FLOORS AND BETWEEN THE UPPER FLOOR AND THE ROOF SPACE. WALLS AND STUD PARTITIONS SHALL BE FIRE BLOCKED AT FLOORS, CEILING AND ROOFS.
CHIMNEYS SHALL BE FIRE BLOCKED WITH NONCOMBUSTIBLE MATERIAL. THE FIRE BLOCKING OF SPACES BETWEEN CHIMNEY AND WOOD JOISTS, BEAMS, OR HEADERS SHALL BE TO A DEPTH OF 1" ONLY, PLACED ON STRIPS OF METAL OR METAL LATH LAID ACROSS THE SPACES BETWEEN COMBUSTIBLE MATERIAL AND THE CHIMNEY.
FIRE BLOCKING SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS:
CONCEALED SPACES OF STUD WALLS AND PARTITION INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS. ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZ. SPACES SUCH AS SOFFITS, DROP CEILING, COVE CEILING ETC. AT OPENING ABOVE VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS. ALL INTERCONNECTIONS BETWEEN CONCEALED VERT. STUD WALLS OR PARTITION SPACES CREATED BY AN ASSEMBLY OF TRUSSES OR FLOOR JOISTS. FIRE BLOCKING SHALL BE PROVIDED FOR FULL DEPTH OF JOISTS OR TRUSSES AT THE ENDS AND OVER THE SUPPORTS
FIRE BLOCKING SHALL CONSIST OF 2 INCH NOMINAL LUMBER, TWO THICKNESS OF 1- INCH NOMINAL LUMBER WITH BROKEN LAP JOINTS. 3/4" PARTICLE BOARD WITH JOINTS BACKED BY 3/4" PARTICLE BOARD, GYPSUM BOARD, CEMENT FIBER BOARD, BATT, OR BLANKETS OF MINERAL WOOL OR GLASS FIBER OR OTHER APPROVED MATERIALS IN SUCH A MANNER AS TO BE SECURELY RETAINED IN PLACE. THE INTEGRITY OF FIRE BLOCKS SHALL BE MAINTAINED.
DOORS AND WINDOWS:
1. ALL DOORS AND WINDOWS SHALL MEET WITH MANUFACTURERS INSTALLATION REQUIREMENTS IN ACCORD WITH SBCCI COMPLIANCE REPORT AND WITH APPROPRIATE PRODUCT APPROVAL REQUIREMENTS/INFORMATION.
2. SEE MANUFACTURERS SPECIFICATION FOR REQUIRED FASTENERS TO ATTACH ALL GARAGE DOOR, ENTRY DOORS, PATIO DOORS AND WINDOWS TO STRUCTURE.
3. GARAGE DOOR "BUCKS" SHALL BE ATTACHED TO STUDS WITH 1/4" X 4" BOLTS, SPACED EACH 24" O.C. WITH MINIMUM OF 3 BOLTS. (NOT USED FOR THIS PROJECT)
4. DOOR AND WINDOW TYP. DETAILS.
5. ALL SLEEPING ROOM SHALL HAVE AT LEAST ONE MIN. EXTERIOR EMERGENCY ESCAPE AND RESCUE OPENING MIN. HEIGHT 24" MIN. WIDTH 20" AND A MIN. NET CLEAR OPENING AREA 5.7 SQ. FT. FC 1005.4 (NOT USED FOR THIS PROJECT)
6. UNLESS OTHERWISE SPECIFIED BY WINDOW OR DOOR MFG. USE THE FOLLOWING FOR JAMBS AND HEADERS. FOR EXTERIOR WINDOWS USE 1" x 4" P.T. BUCK ON JAMBS AND HEAD. FOR EXTERIOR DOORS USE 2x4 PT BUCK AND JAMB.
7. FOR GARAGE DOOR USE MINIMUM 2" x 6" P.T. BUCK FOR JAMBS AND SPRING PADS. (NOT USED FOR THIS PROJECT) APPROVED FASTENERS:
316" TAPCON WITH 1 3/4" PENETRATION
= 230 LB OF HOLDING POWER
1 1/4" TAPCON WITH 1 1/4" PENETRATION
= 320 LB OF HOLDING POWER
1 1/2" ANCHOR BOLT WITH 4 1/4" EMBED
= 2410 LB OF HOLDING POWER
8. PROVIDE ENOUGH FASTENERS OF TYPE USED TO EQUAL OR EXCEED STATED LOADS ON TABLE.
MINIMUM FASTENERS FOR TOP BUCK IS 2.
MINIMUM FASTENERS FOR SIDE BUCK IS 3.
9. TAPCON FASTENERS ON WINDOWS AND DOORS ARE REQUIRED NO CLOSER THAN 2" OR MORE THAN 4" FROM ENDS AND SPACED EQUAL DISTANCE ALONG BALANCE OF BUCK. WHEN USING 2" LONG FASTENERS ON GARAGE DOORS THEY SHALL BE SPACED APPROX EQUAL DISTANCE. (MAX SPACING OF 42" AND SHALL INTERFERE WITH PLACEMENT OF ROLLER BRACKET) (NOT USED FOR THIS PROJECT)
10. FLANGE DESIGN ON WINDOWS AND DOORS MAY VARY BETWEEN DIFFERENT MANUFACTURERS. SEE MANUFACTURERS SPECIFICATIONS FOR REQUIRED FASTENERS TO ATTACH GARAGE DOOR, ENTRY DOORS, PATIO DOORS AND WINDOWS TO BUILDINGS. (USE MFG. INSTALLATION INSTRUCTIONS IF THEY VARY FROM THOSE SHOWN HERE)
11. USE (1) #8 SCREW IN ALL FACTORY HOLES IN FRAME NOT USED FOR TAPCONS. SCREWS ARE TO BE OF SUFFICIENT LENGTH FOR MIN. 5/8" EMBED INTO WOOD BUCK.
12. NOTE: FRAME CONSTRUCTION
GARAGE DOOR BUCK SHALL BE ATTACHED TO STUDS WITH 1/2" x 4" LAG BOLTS, NO CLOSER THAN 2" OR MORE THAN 3" FROM ENDS AND SPACED APPROX EQUAL DISTANCE OF BUCK. (MAX SPACING OF 42") HEADER BUCK TO BE ATTACHED WITH 1/2" x 4" LAG BOLTS. (NOT USED FOR THIS PROJECT)

- HVAC:**
ACTUAL LAYOUTS OF UNITS, DUCTS, RETURN AIR GRILLS AND SUPPLY GRILLES ETC. SHALL BE DETERMINED BY A FLORIDA A/C CONTRACTOR AND CONTRACTOR / OWNER. ENGINEER SIGNED AND SEALED ENERGY CALCULATIONS SHALL BE SUPPLIED TO THE BUILDING DEPARTMENT BY THE HVAC CONTRACTOR OR APPROVED ENERGY ANALYST AT THE TIME OF PERMIT APPLICATION.
SMOKE DETECTORS:
ALL SMOKE DETECTORS TO BE UL LISTED, HARD WIRED, AND HAVE AUXILIARY BATTERY BACKUP.
ELECTRICAL:
1. ARCH FAULT PROTECTION PROVIDED FOR ALL BED ROOM OUTLETS 210-12 NEC. (NOT USED FOR THIS PROJECT)
2. GROUND FAULT CIRCUIT INTERRUPTERS WILL BE PROVIDED IN ALL EXTERIOR OUTLETS, BATHROOM OUTLETS, AND KITCHEN OUTLETS WITHIN 50' OF WATER SUPPLY. (NOT USED FOR THIS PROJECT)
3. ELECTRICAL PLAN AS SHOWN MAY VARY. ACTUAL LAYOUT AND ELECTRICAL SERVICE TO BE DETERMINED BY A LICENSED FLORIDA ELECTRICIAN. PANEL SIZE AND LOCATION TO BE DETERMINED BY BUILDER AND ELECTRICIAN
4. ELECTRICAL SYSTEMS SHALL COMPLY WITH THE REQUIREMENTS OF NECA 70.

- PLUMBING:**
1. PLAN IS SCHEMATIC. ACTUAL LOCATION AND SIZE OF RISE VENTS SHALL BE DETERMINED BY A LICENSED FLORIDA PLUMBER.
2. NO PLUMBING REQUIREMENTS SHALL INTERRUPT THE STRUCTURAL INTEGRITY OF THE BUILDING.
3. PLUMBER TO PROVIDE AFFIDAVIT PRIOR TO FINAL PURGE PER FPC 610.
DEFERRED SUBMITTALS:
1. IN ACCORDANCE WITH THE FBC, SPECIALTY ITEMS, PRE-ENGINEERED COMPONENTS, AND DESIGN/BUILD ELEMENTS MAY BE SUBMITTED FOR APPROVAL BY THE ENGINEER OF RECORD AND THE BUILDING OFFICIAL BY DEFERRED SUBMITTAL. SUCH ITEMS ARE DEFINED AS THOSE SPECIFIED IN CONSTRUCTION DOCUMENTS BUT WHICH REQUIRE DESIGN BY THE MANUFACTURER, SUPPLIER OR INSTALLER.
2. DEFERRED SUBMITTALS ARE REQUIRED FOR THE FOLLOWING:
PREMANUFACTURED ROOF TRUSSES
GLULAM AND HEAVY TIMBER PACKAGE
STRUCTURAL INSULATED PANELS
3. SUBMITTALS SHALL INCLUDE:
A) CALCULATIONS, PREPARED AND SEALED BY AN APPROPRIATELY REGISTERED ENGINEER (THE "SPECIALTY ENGINEER")
B) DIAGRAM PREPARED AND SEALED BY THE SPECIALTY ENGINEER, SHOWING LOAD MAGNITUDES AND LOCATIONS - SEPARATED INTO DEAD, LIVE, WIND AND/OR SEISMIC COMPONENTS - THAT ARE APPLIED TO THE PRIMARY STRUCTURE.
C) ERECTION OR DESIGN DRAWINGS BEARING THE SPECIALTY ENGINEER'S SEAL AND THE ARCHITECT'S STAMP INDICATING HIS REVIEW.
4. SUBMIT TWO (2) REPRODUCIBLE COPIES, TWO (2) WET SEALED COPIES FOR THE ARCHITECT AND ENGINEER OF RECORD'S FILE, AND ADDITIONAL COPIES AS ARE NECESSARY FOR THE BUILDING DEPARTMENT. SUBMITTALS CONTAINING EXCEPTIONS, CORRECTIONS, OR OTHER REVIEW COMMENTS ARE NOT ACCEPTABLE FOR SUBMITTAL TO THE BUILDING DEPARTMENT.
5. THE STRUCTURAL ENGINEER OF RECORD'S REVIEW IS STRICTLY LIMITED TO THE FOLLOWING:
A) THE DRAWINGS AND CALCULATIONS ARE PROPERLY SEALED.
B) THE LOAD CRITERIA IS CONSISTENT WITH THE CONTRACT DOCUMENTS AND UNIFORM BUILDING CODE REQUIREMENTS.
C) THE CONNECTIONS TO THE PRIMARY STRUCTURE ARE CONSISTENT WITH THE PRIMARY DESIGN.
D) THE BASE STRUCTURE IS CAPABLE OF SUPPORTING THE IMPOSED LOADS.
6. IF THE LOADS IMPOSED ON THE STRUCTURE EXCEED THE LOAD ALLOWANCE PROVIDED, THE STRUCTURAL ENGINEER OF RECORD WILL RETURN THE SUBMITTAL ONLY AT THE OWNER'S WRITTEN DIRECTION WITH MODIFICATIONS TO THE BASE STRUCTURE TO ACCOMMODATE THE SPECIALTY ITEM(S) BE MADE BY THE ENGINEER OF RECORD. DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND THE ENGINEER OF RECORD AND THE BUILDING OFFICIAL HAVE APPROVED SUBMITTAL DOCUMENTS.

- ROOF PENETRATIONS:**
VERIFY ALL REQUIRED ROOF PENETRATIONS FROM HVAC, PLUMBING, ELECTRICAL AND OTHER DRAWINGS. PROVIDE ALL NECESSARY PENETRATIONS WITH REQUIRED ACCESSORIES TO PREVENT MOISTURE INTRUSION AND RETAIN STRUCTURAL STABILITY. IN ADDITION TO THOSE INDICATED ON THE ROOF PLAN, CONSULT ARCHITECT IF ROOF PLAN CONFLICTS WITH AN REQUIRED ROOF PENETRATIONS.
FIRE RATED UL FLOOR, WALL, & ROOF PENETRATIONS:
CONTRACTOR MUST USE SPECIFIC UNDERWRITERS LABORATORIES DESIGN NUMBERED SYSTEMS FOR PENETRATING RATED WALLS, FLOORS, AND CEILING. ARCHITECT'S DOCUMENTS MAY OR MAY NOT INDICATE CERTAIN SYSTEMS. CONTRACTOR TO FURNISH UL NUMBERS ON DEMAND.

- ABBREVIATIONS:**
A ARCHITECTURAL
AB ANCHOR BOLT
AC AIR CONDITIONER
AHF AIR HANDLING UNIT
ASB ASBESTOS
AT ACOUSTICAL TILE
BD BOARD
BFP BACK FLOW PREVENTOR
BM BEAM
B.M. BENCH MARK
BO BY OWNER
B-U BUILT UP
C CIVIL
CB CONCRETE BEAM
CEILING
CLG CLAY BOARD
CMU CONCRETE MASONRY UNIT
COL COLUMN
CONC CONCRETE
CONT CONTINUOUS
CP CLAY PIPE
CR CHAIR RAIL
CT CERAMIC TILE
CW COLD WATER
CJ CONTROL (CONSTRUCTION) JOINT
D DRYER
DISP DISPOSAL
DRINKING FOUNTAIN
DTL DETAIL
E ELECTRICAL
E EXISTING
EA EACH
EL ELEVATION
EW EACH WAY
EWC ELECTRIC WATER COOLER
EWH ELECTRIC WATER HEATER
EXP EXPOSED
EJ EXPANSION JOINT
FD FIELD (FLOOR) DRAIN
FE FIRE EXTINGUISHER
FF FINISH FLOOR
FG FIXED GLASS
FH FIRE HOSE
FIN FINISH
FLR FLOOR
FP FIRE PROTECTION
FRC FIBERGLASS REINFORCED CONCRETE
FTG FOOTING
FT FOOT (OR FEET)
GAL GALLON
GFI GROUND FAULT INDICATOR
GALVANIZED IRON
GSF GROSS SQUARE FEET (OR FOOT)
H HOLLOW CORE
HGL HOLLOW GLASS
GLB GLUE LAMINATED BEAM
GWB GYPSUM WALL BOARD
HC HOLLOW CORE
HDG HOT DIPPED GALVANIZED
HW HOT WATER
IN INCH
INT INTERIOR
JST JOIST
JT JOINT
M MECHANICAL
MAX MAXIMUM
MANUF MANUFACTURER
MASONRY OPENING
MAP MAP
MR MASONRY
NIC NOT IN CONTRACT
NTS NOT TO SCALE
NSF NET SQUARE FEET (OR FOOT)
LF LINEAL FOOT (OR FEET)
LSC LIFE SAFETY CODE
OC ON CENTER
PLF PLASTIC LAMINATE FINISH
P-L PROPERTY LINE
PLATE
PLYWOOD
PT PRESSURE TREATED
POLY VINYL CHLORIDE
PIB POLYISO BOARD
PC POURED CONCRETE
QT QUARRY TILE
R RADIUS
RIA RETURN AIR
ROOF DRAIN
REFRIG REFRIGERATOR
REINF REINFORCED
RETD REINFORCED
RETAINING WALL
RW RIGHT-OF-WAY
RTU ROOF TOP UNIT
SBS STYRENE BUTADIENE STYRENE
SCL SOLID CORE
SF SQUARE FOOT (OR FEET)
SS STAINLESS STEEL
SSM SOLID SURFACING MATERIAL
SHT SHEET
STL STEEL
STOR STORAGE
SY SQUARE YARD (OR YARDS)
TB TIE BEAM
TBD TO BE DETERMINED
TME TO MATCH EXISTING
TOP TOP OF BLOCK
TOW TOP OF MASONRY
TOS TOP OF SLAB
TOW TOP OF WALL
TPO THERMO PLASTIC OLEFIN
TYP TYPICAL
UNO UNLESS NOTED OTHERWISE
VB VAPOR BARRIER
VTR VENT THRU ROOF
W WASHER
WC WALL CAP
WP WATER PROOF
WD WOOD
WWF WELDED WIRE FABRIC
XEPS EXPANDED POLYSTYRENE

GENERAL NOTES (APPLIES TO ALL TRADES):

- COORDINATION:**
THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF WORK FOR ALL TRADES.
ALL SUBCONTRACTORS AND GENERAL CONTRACTORS MUST REVIEW COMPLETE SETS OF DRAWINGS, SPECIFICATIONS, ADDENDA, AND ALL OTHER PORTIONS OF THE COMPLETE CONSTRUCTION DOCUMENTS. YOUR SECTION'S WORK MAY BE SUPPLEMENTED BY OTHER SECTIONS. OTHER SECTIONS OF THE DOCUMENTS MAY CONTAIN ITEMS THAT ARE PART OF YOUR BID, OR, MAY CONFLICT WITH YOUR SPECIFIC SECTION. YOU ARE TO INCLUDE THE MOST STRINGENT REQUIREMENTS. IN PARTICULAR, CLOSELY COMPARE THE PLUMBING, HVAC, AND ELECTRICAL SECTIONS WITH THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. IN PARTICULAR, LOOK AT THE ARCHITECTURAL FLOOR PLANS, ELEVATIONS AND INTERIOR ELEVATIONS. IN THE EVENT THAT THE ARCHITECTURAL PLAN (OR OTHER PLANS, ETC.) INDICATES ITEMS NOT CONTAINED WITHIN YOUR FORMAL SECTION, ALLOW FOR THESE ITEMS IN YOUR BID. CONTACT THE ARCHITECT WITHIN 10 DAYS PRIOR TO BID DATE TO ALLOW ISSUANCE OF ADDENDUM (IF APPLICABLE). IN OTHER WORDS, THE ARCHITECTURAL OR OTHER SECTIONS MAY OR MAY NOT CONTAIN ADDITIONAL OR CONFLICTING WRITTEN OR GRAPHIC INFORMATION ABOUT YOUR TRADE. PROVIDE FOR EVERYTHING INDICATED OR IMPLIED (BY CODE) RESULTING AS A COMBINATION OF THE INFORMATION FROM THE ENTIRE SET OF CONSTRUCTION DOCUMENTS. NOT JUST YOUR TRADITIONAL SEPARATE SECTION. IN CASE OF CONFLICT, THE MOST STRINGENT ITEM SHALL GOVERN, WITHOUT ADDITIONAL COST TO THE OWNER. HOWEVER, THIS DOES NOT RELIEVE THE CONTRACTOR FROM CALLING IT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION.
CONTRACTORS SHALL REVIEW ALL DRAWINGS AND SPECIFICATIONS PRIOR TO MAKING BIDS. BY MAKING BIDS, CONTRACTORS ARE IN EFFECT AGREEING THAT THEY HAVE DONE THIS. 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).

- ABBREVIATIONS:**
SEE ABBREVIATION LIST FOR DEFINITIONS WHICH ARE USED IN THESE DRAWINGS AND SPECIFICATIONS.
CONDITIONS NOT DETAILED:
CONSTRUCTION DOCUMENTS CANNOT DETAIL EVERY CONDITION OR INSTRUCT THE CONTRACTOR ON HOW TO PERFORM THE WORK. EVERY CONNECTION, CORNER, FLASHING, ETC. MUST BE RESOLVED. THESE AND OTHER CONDITIONS SHALL BE HANDLED IN A MANNER COMPATIBLE WITH THE REST OF THE WORK. NOTIFY ARCHITECT IF A CONDITION NEEDS ADDITIONAL DIRECTION OR DETAIL.

- 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 IS REQUIRED TO LOCATE AND ALL UTILITIES IN OR UNDER NEW CONSTRUCTION, AND MAKE ARRANGEMENTS FOR THEIR LEGAL RE-ROUTING, AS ACCEPTABLE TO GOVERNING AGENCIES, AUTHORITIES, UTILITIES AND OWNER. CONTRACTOR ALL AFFECTED UTILITY COMPANIES AND INFORM THEM OF THE IMPENDING CONSTRUCTION, AND OBTAIN THEIR ASSISTANCE IN LOCATING THEIR UTILITIES.
CODES COMPLIANCE:
THIS PROJECT WAS DESIGNED UNDER THE FOLLOWING CODES. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS AND SUPPLIERS, BY PROVIDING OR REPAIRING MATERIALS FOR THIS PROJECT UNDER THIS PROJECT, AND 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, THE MOST CURRENT DEITIONS AS ADOPTED BY THE STATE OF FLORIDA, OF THE FOLLOWING:
2007 FLORIDA BUILDING CODE - BUILDING W/ 2009 SUPPLEMENTS
2007 FLORIDA BUILDING CODE - MECHANICAL W/ 2009 SUPPLEMENTS
2007 FLORIDA BUILDING CODE - PLUMBING W/ 2009 SUPPLEMENTS
2007 FLORIDA FIRE PREVENTION CODE W/ 2009 SUPPLEMENTS
2008 NATIONAL ELECTRIC CODE AND all current amendments

- SITE SAFETY:**
ALL CONTRACTORS AND OTHERS WORKING ON THIS PROJECT AGREE TO COMPLY WITH ALL SAFETY AND OTHER CODES AND REGULATIONS, STATE, LOCAL AND NATIONAL, AND TO CONDUCT THEMSELVES AT ALL TIMES IN A MANNER SO AS TO PRESENT SAFE CONDITIONS AT ALL TIMES FOR EVERYONE AND EVERYTHING ON AND SURROUNDING THE PROJECT.
DIMENSIONS:
DIMENSIONS ON ARCHITECTURAL DRAWINGS MAY BE "ROUGH" OR "FINISH." SEE PLANS FOR REQUIREMENTS. ARCHITECTURAL DIMENSIONS SHALL TAKE PRECEDENCE OVER STRUCTURAL OR OTHER DIMENSIONS, IF NO OTHER CONFLICT RESULTS. DOCUMENT ANY SUCH DISCREPANCIES TO ARCHITECT IN WRITING.
HEIGHT ELEVATIONS:
BUILDING HEIGHT ELEVATIONS TYPICALLY USE THE MAIN FLOOR SLAB AS ELEVATION 0.00" (BUILDING ELEVATIONS MAY BE NOTED AS "BLDG EL. . ."). SEE SITE PLAN AND FLOOR PLANS. SITE ELEVATIONS MAY BE BASED ON THE SURVEY, WHICH MAY USE MEAN SEA LEVEL, NGVD, OR OTHER HEIGHT AS A REFERENCE DATUM (SITE ELEVATIONS MAY BE NOTED AS: "SITE EL. . ." OR (CIVIL) ON THE SITE PLAN OR FLOOR PLANS). ON OTHER DETAILED ARCHITECTURAL DRAWINGS, TYPICALLY ALL OTHER ELEVATIONS ARE BASED ON THE "BLDG EL." OF 0.00" AS THE MAIN FLOOR, OR THE FLOOR THE DETAILS ON, AND ARE NOT NECESSARILY NOTED AS "BLDG EL." CONSULT ARCHITECT FOR ANY QUESTIONABLE LOCATIONS PRIOR TO CONSTRUCTING.

- ARCHITECT'S INTENT:**
IN THE EVENT OF ANY AMBIGUITY OR QUESTION WITH REGARD TO THE INTENT OF THE DOCUMENTS, THE ARCHITECT SHALL INTERPRET THE CONSTRUCTION DOCUMENTS.
WORKMANSHIP & WARRANTY:
THE FOLLOWING GENERAL & SPECIFIC NOTES SHALL APPLY EQUALLY TO ALL CONTRACTORS, SUBCONTRACTORS AND SUPPLIERS ENGAGED IN EXECUTION OF WORK ON THESE PLANS.
IT SHALL BE THE DUTY OF EACH SUBCONTRACTOR WHO REQUIRES CHASES OR OPENINGS OF ANY KIND FOR HIS WORK, WHETHER SHOWN ON THE DRAWINGS OR NOT, TO SEE THAT THEY ARE PROPERLY CONSTRUCTED AND IN THE CASE OF FAILURE, IT SHALL BE THE DUTY OF SAME SUBCONTRACTOR TO CUT SUCH CHASES OR OPENINGS AS MAY BE NECESSARY AND PROPER FOR HIS OWN WORK AT HIS OWN EXPENSE, BUT NOT WITHOUT OBTAINING THE APPROVAL OF THE GENERAL CONTRACTOR.
EACH SUBCONTRACTOR SHALL, WHERE WARRANTIES AND GUARANTEES ARE REQUIRED, SECURE AND DELIVER COPIES TO THE GENERAL CONTRACTOR UPON COMPLETION OF THE WORK. THE GENERAL CONTRACTOR WILL COMPLY THE WARRANTY AND GUARANTEE INFORMATION AND DELIVER TO THE OWNER AT THE DATE OF ISSUANCE OF CERTIFICATE OF OCCUPANCY.
EACH SUBCONTRACTOR SHALL AND DOES HEREBY WARRANTY AND/OR GUARANTEES ALL WORK AS APPLIED TO HIS PARTICULAR TRADE FOR A PERIOD OF ONE YEAR FROM THE DATE OF COMPLETION, AS EVIDENCED BY THE DATE OF ISSUANCE OF CERTIFICATE OF OCCUPANCY.
ALL MOVEABLE OR ADJUSTABLE WORK SHALL REMAIN IN PERFECT WORKING ORDER FROM ONE YEAR OF THE DATE OF CERTIFICATE OF OCCUPANCY, INCLUDING HARDWARE, WEATHER, STRIPPING, DOORS, WINDOWS, DRAWERS, APPARATUS, MACHINERY, ELECTRICAL EQUIPMENT, AND ALL OTHER EQUIPMENT TO WHICH THIS HEADING IS APPLICABLE. WHEREIN ANY DIVISION OF WORK ALLOWS A GUARANTEE OR WARRANTY FOR A PERIOD LONGER THAN ONE YEAR, SUCH WARRANTY OR GUARANTEE SHALL TAKE PRECEDENCE.