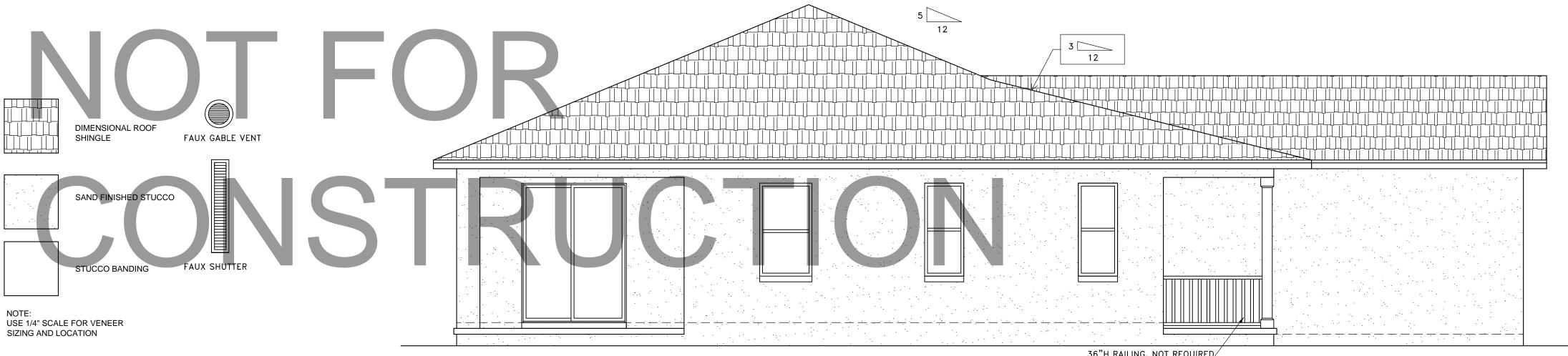
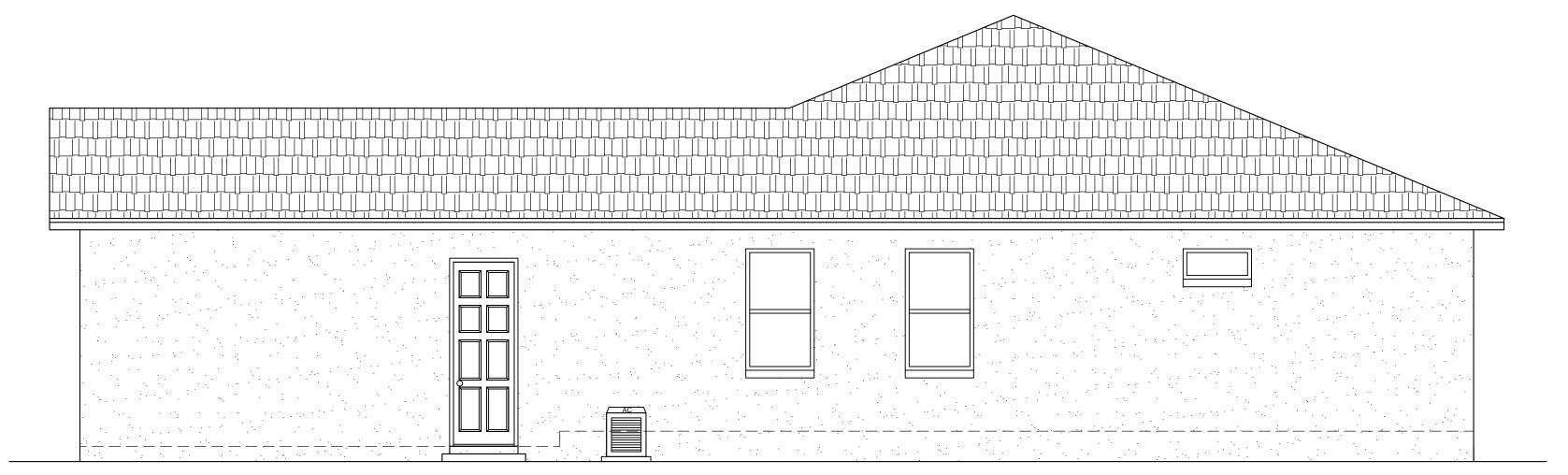


EAR ELEVATION ROOF VENTS NOT SHOWN



LEFT ELEVATION
ROOF VENTS NOT SHOWN

36"H RAILING. NOT REQUIRED
WHEN PORCH FLOOR IS
LESS THAN 30" ABOVE GRADE



RIGHT ELEVATION
ROOF VENTS NOT SHOWN

ALL DIMENSIONS SHOWN MAY VARY SLIGHTLY DUE TO MATERIAL SIZES AND THICKNESS.

STEPS THAT ARE SHOWN MAY VARY IN NUMBER OF STEPS REQUIRED.

STEP SIZE: TREAD 11" MIN-RISER 7-3/4" MAX.

Draftsman will apply due diligence against errors and omissions, but errors and omissions may occur. Please review your plans, as well as your builder. Trinity Drafting LLC will correct all errors and/or omissions prior to construction without cost. Draftsman's liability limit will not exceed the price of the plans.

TRINITY DRAFTING LLC

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713 Whitehall St.
Plant City, Fl.

DRAW DATE:
NOTE...PLAN MUST BE
PERMITTED WITHIN 6
MONTHS OF DRAW DATE
OR REVISION FEES MAY
APPLY

A2.

DATE: 03.26.19

EVIEWED THE PRE-ENGINEERED TRUSS MANUFACTURER'S LAYOUT TO DETERMINE ANY LOAD BEARING

ES THE RIGHT TO MAKE ANY CHANGES AFTER LOAD INFORMATION IS SUPPLIED TO THE ENGINEER.

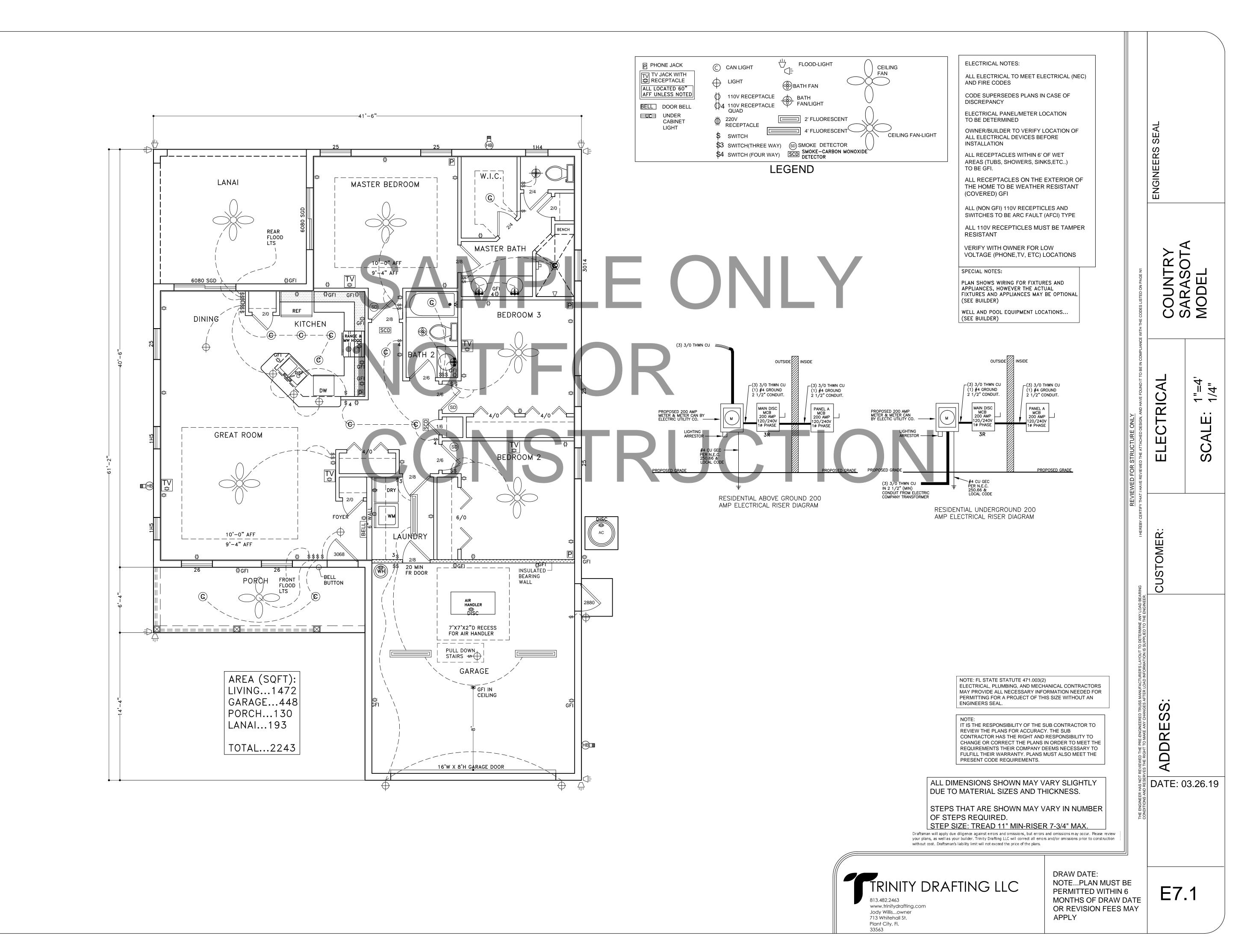
ADDRESS:

CUSTOMER:

ELEVATIONS

T"=4"

ENGINEERS SEAL



## (1) STRUCTURAL DESIGN CRITERIA...PER 2017 FBC 6TH ED(FLORIDA BUILDING CODE) STRUCTURAL DESIGN CRITERIA...PER 2017 FBCR 6TH ED(FLORIDA BUILDING CODE RESIDENTIAL) FOR RESIDENTIAL ELECTRICAL DESIGN CRITERIA...PER 2017 NEC (NATIONAL ELECTRICAL CODE) PLUMBING DESIGN CRITERIA...PER 2017 FBC-P 6TH ED(FLORIDA BUILDING CODE-PLUMBING)

FUEL-GAS CRITERIA...PER 2017 FBC-FG 6TH ED(FLORIDA BUILDING CODE-FUEL/GAS) MECHANICAL DESIGN CRITERIA...PER 2017 FBC-M 6TH ED(FLORIDA BUILDING CODE-MFCHANICAL) ENERGY EFFICIENCY CRITERIA.....PER 2017 FBC-EC 6TH ED(FLORIDA BUILDING CODE-ENERGY CONSERVATION) FIRE AND LIFE SAFETY CRITERIA...PER CURRENT NFPA CODES AND STANDARDS (NATIONAL FIRE PROTECTION ASSOCIATION) AND THE 2017 FBC 6TH ED(FLORIDA BUILDING CODE)

IF BUILDING IS IN A WIND BORNE DEBRIS REGION AS DEFINED BY FLORIDA BUILDING CODE. ALL OPENINGS ARE ASSUMED TO BE PROTECTED IN ACCORDANCE WITH FLORIDA BUILDING CODE ALL PRODUCTS MUST MEET THE CRITERIA SPECIFIED BY THE FLORIDA PRODUCT APPROVAL OR MIAMI DADE GUIDELINES

(2): ROOFS: 20 PSF. ENGINEERING DESIGN LOAD TABLE ON SLEEPING ROOMS: 30 PSF. RIGHT SIDE OF PAGE. SUPERCEDES ATTIC W/ STORAGE: 30 PSF. FIGURES SHOWN HERE. ATTIC W/O STORAGE: 10 PSF. ALL OTHER ROOMS: 40 PSF RAILING: 50 PLF ANY DIRECTION OR 200 lbs. ANY DIRECTION

(3): <u>FOUNDATION:</u> THE OUTER FOUNDATION BARS SHALL BE CONTINUOUS AROUND CORNERS BY BENDING THE BAR IN ACCORDANCE WITH 202.3.4 OF THE SSTD 10-93. IN BOTH CASES THE MINIMUM BAR LAP SHALL BE 40 BAR DIAMETERS (25" MIN.). LIKEWISE, THE BOND BEAM REINFORCEMENT SHALL BE CONTINUOUS AROUND ALL CORNER

ASSUMED MINIMUM EXISTING SOIL BEARING PRESSURE = 2000 P.S.F. SOIL NOTED AS COMPACTED IS 95% MODIFIED PROCTOR, (4): <u>SLAB</u>: ALL FORM BOARDS, RECESSED SHOWER, AND GARAGE STEP-DOWN OR OTHER CHANGE OF LEVEL FORMS MUST BE IN PLACE AT THE TIME OF INSPECTION. GRADE PEGS. MADE OF SOLID PLASTIC. STEEL OR OTHER APPROVED MAN-MADE PRODUCT ARE REQUIRED TO BE INSTALLED.

WOOD SPIKES OR WOOD GRADE STAKES CANNOT BE USED INSIDE THE SLAB AREA. WOOD FORM BOARDS AND RELATED MATERIAL MAY BE MADE OF NON-PRESSURE TREATED WOOD, BUT MUST BE REMOVED AS SOON AS POSSIBLE AND THE PENETRATIONS NO WOOD OR CELLULOSE CONTAINING MATERIAL MAY BE LEFT IN OR BELOW THE SLAB. WELDED WIRE MESH MUST BE SUPPORTED ON APPROVED SUPPORTS IN THE UPPER ONE THIRD OF THE SLAB. FIBERMESH CAN BE

USED IN LIEU OF WIRE MESH AS LONG AS CONCRETE MAINTAINS A 28 DAY COMPRESSION STRENGTH OF 2500 P (5): <u>LINTELS:</u> NO TAR PAPER, ASPHALT ROLL PAPER, CELLULOSE CONTAINING OR SCRAP MATERIAL MAY BE USED AS A CONCRETE STOP IN LINTELS FOR THE TIE—BEAM CONCRETE PLACEMENT. ONLY APPROVED METAL CAPS OR SCREENS THAT ARE DESIGNED FOR THAT PURPOSE MAY BE USED.

CONCRETE SHALL HAVE A MINIMUM COMPRESSION STRENGTH OF 2500 PSI (UNLESS NOTED OTHERWISE) @ 28 DAYS. STEEL REINFORCEMENT SHALL HAVE A MINIMUM YIELD STRENGTH OF 45,000 PSI IN ACCORDANCE WITH ASTM A-61.5.

CONCRETE MASONRY UNITS, IF ANY, SHALL BE HOLLOW CORE / LOAD BEARING IN ACCORDANCE TO ASTM C90 OR C145, 1,900 GROUT, IF ANY, SHALL HAVE 3/8" MAXIMUM AGGREGATE, 8-11 INCH SLUMP 2,000 PSI AS PER ASTM C476.

PROVIDE 4" X 4" INSPECTION PORT FOR ALL CONCRETE VERTICAL FILLED CELLS. AT THE BASE OF WALL. ALL EXTERIOR CONCRETE BLOCK WALLS ARE DESIGNED AS SHEAR WALLS OR SHEAR WALL SEGMENTS. ALL OPENING LINTELS MUST MEET THE DESIGN SPECIFIED IN PLANS

ALL PLUMBING, ELECTRICAL, AND MECHANICAL ROUGH-INS MUST BE COMPLETE, INSPECTED

ALL WOOD LOAD BEARING EXTERIOR AND INTERIOR WALLS TO BE SPRUCE PINE FUR #2 AT 16" O.C., UNLESS NOTED OTHERWISE. ALL WOOD GIRDERS SHALL HAVE A MIN. OF (4) - 2"X4" STUDS PLACED DIRECTLY UNDER THE GIRDER AND DOUBLE PLATES. SEE

(8): <u>FIRE CAULK:</u> ASTM 136 RATED FIRE CAULK IS REQUIRED ON ALL WALLS, EXTERIOR BEARING, INTERIOR BEARING AND INTERIOR NON-BEARING WALLS FOR SMOKE AND DRAFT STOPPING

THE FOLLOWING SHALL BE CONSIDERED SPECIFIC LOCATIONS FOR THE PURPOSES OF SAFETY (TEMPERED) GLAZING:

1. GLAZING IN INGRESS AND EGRESS DOORS EXCEPT JALOUSIES.

2. GLAZING IN FIXED AND SLIDING PANELS OF SLIDING (PATIO) DOOR ASSEMBLIES AND PANELS IN SWINGING DOORS. GLAZING IN STORM DOORS.

4. GLAZING IN ALL UNFRAMED SWINGING DOORS.

5. GLAZING IN DOORS AND ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS AND SHOWERS. GLAZING IN ANY PORTION OF A BLDG'S WALL ENCLOSING THESE COMPARTMENTS WHERE THE BOTTOM EDGE OF THE GLAZING IS

(610 MM) ARC OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60" (1524 MM) ABOVE THE FLOOR

6. GLAZING IN AN INDIVIDUAL FIXED OR OPERATIVE WINDOW ADJACENT A DOOR WHERE THE NEAREST VERTICAL EDGE IS A 24"

GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL, OTHER THAN THOSE LOCATIONS DESCRIBED IN ITEMS 5 AND 6 A. EXPOSED AREA OF AN INDIVIDUAL PANE GREATER THAN 9 SO, FT. (0.84 M2)

BOTTOM EDGE LESS THAN 18" (437 MM) ABOVE THE FLOOR. TOP EDGE GREATER THAN 36" (914 MM) ABOVE THE FLOOR.

ONE OR MORE WALKING SURFACES WITHIN 36" (914 MM) HORIZONTALLY OF THE PLANE OF THE GLAZING. ALL GLAZING IN RAILINGS REGARDLESS OF AREA OR HEIGHT ABOVE A WALKING SURFACE, INCLUDING STRUCTURAL

BALUSTER PANELS AND NONSTRUCTURAL FILL PANELS 9 GLAZING IN WALL AND FENCES ENCLOSING INDOOR AND OUTDOOR SWIMMING POOLS WHERE THE BOTTOM EDGE OF THE GLAZING IS: (A) LESS THAN 60" (1524 MM) ABOVE THE WALKING SURFACE ON THE POOL SIDE, AND (B) WITHIN 36" (914 MM)
HORIZONTALLY OF THE WALKING SURFACE ON THE POOL SIDE. THIS SHALL APPLY TO SINGLE GLAZING AND ALL PANES IN

(10): EXTERIOR PLASTER:
INSTALLATION OF THESE MATERIALS SHALL BE IN COMPLIANCE WITH ASTM C 926 AND ASTM C 1063 AND THE PROVISIONS OF THE

THE PROPORTION OF AGGREGATE TO CEMENTITIOUS MATERIALS SHALL BE AS SET FORTH IN THE FLORIDA BUILDING CODE

FLANGE. THE EXTERIOR LATH SHALL COVER AND TERMINATE ON THE ATTACHMENT FLANGE OF THE WEEP SCREED.

EXCEPTION: OMISSION OF THE WATER-RESISTIVE BARRIER IS PERMITTED IN THE FOLLOWING

ALL LATH AND LATH ATTACHMENTS SHALL BE OF CORROSION-RESISTANT MATERIALS, EXPANDED METAL OR WOVEN WIRE LATH SHALL BE ATTACHED WITH 1-1/2 INCH-LONG (38 MM), 11 GAGE NAILS HAVING A 7/16 INCH (11.1 MM) HEAD, OR 7/8 INCH LONG (22.2 MM), 16 GAGE STAPLES, SPACED AT NO MORE THAN 6 INCHES (152 MM), OR AS OTHERWISE APPROVED.

PLASTERING WITH PORTLAND CEMENT PLASTER SHALL BE NOT LESS THAN THREE COATS WHEN APPLIED OVER METAL LATH OR WIRE LATH AND SHALL BE NOT LESS THAN TWO COATS WHEN APPLIED OVER MASONRY, CONCRETE, PRESSURE-PRESERVATIVE TREATED WOOD OR DECAY-RESISTANT WOOD AS SPECIFIED IN THE FLORIDA BUILDING CODE OR GYPSUM BACKING. IF THE PLASTER SURFACE IS COMPLETELY COVERED BY VENEER OR OTHER FACING MATERIAL OR IS COMPLETELY CONCEALED, PLASTER APPLICATION NEED BE ONLY TWO COATS. PROVIDED THE TOTAL THICKNESS IS AS SET FORTH IN THE FLORIDA BUILDING CODE.ON WOOD-FRAME CONSTRUCTION WITH AN ON-GRADE FLOOR SLAB SYSTEM, EXTERIOR PLASTER SHALL BE APPLIED TO COVER, BUT NOT EXTEND BELOW, LATH, PAPER AND

A MINIMUM 0.019-INCH (0.5 MM) (NO. 26 GALVANIZED SHEET GAGE), CORROSION-RESISTANT WEEP SCREED OR PLASTIC WEEP SCREED WITH A MINIMUM VERTICAL ATTACHMENT FLANGE OF 3-1/2 INCHES (89 MM) SHALL BE PROVIDED AT OR BELOW THE FOUNDATION 4 INCHES (102 MM) ABOVE THE EARTH OR 2 INCHES (51 MM) ABOVE PAVED AREAS AND SHALL BE OF A TYPE THAT WILL ALLOW TRAPPED WATER TO DRAIN TO THE EXTERIOR OF THE BUILDING. THE WEATHER-RESISTANT BARRIER SHALL LAP THE ATTACHMENT

(11): WATER-RESISTIVE BARRIER.
ONE LAYER OF NO. 15 ASPHALT FELT, FREE FROM HOLES AND BREAKS, COMPLYING 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 INCHES (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 TERMINATED AT PENETRATIONS AND BUILDING APPENDAGES IN A MANNER TO MEET THE REQUIREMENTS OF THE EXTERIOR WALL ENVELOPE AS DESCRIBED IN THE FLORIDA BUILDING CODE

IN DETACHED ACCESSORY BUILDINGS. UNDER EXTERIOR WALL FINISH MATERIALS AS PERMITTED IN THE FLORIDA BUILDING CODE. UNDER PAPERBACKED STUCCO LATH WHEN THE PAPER BACKING IS AN APPROVED WATER-RESISTIVE BARRIER.

UNDERLAYMENT SHALL BE INSTALLED USING ONE OF THE FOLLOWING METHODS:

1.FOR ROOF SLOPES FROM TWO UNITS VERTICAL IN 12 UNITS HORIZONTAL (17-PERCENT SLOPE), AND LESS THAN FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE). UNDERLAYMENT SHALL COMPLY WITH ASTM D 226, TYPE I OR TYPE II OR ASTM D 4869, TYPE II OR TYPE IV OR ASTM D 6757 AND SHALL BE TWO LAYERS APPLIED IN THE FOLLOWING MANNER.

APPLY A 19-INCH (483 MM) STRIP OF UNDERLAYMENT FELT PARALLEL TO AND STARTING AT THE EAVES, FASTENED SUFFICIENTLY TO HOLD IN PLACE, STARTING AT THE EAVE, APPLY 36-INCH-WIDE (914 MM) SHEETS OF UNDERLAYMENT, OVERLAPPING SUCCESSIVE SHEETS 19 INCHES (483 MM), AND FASTENED WITH A 1-INCH (25 MM) ROUND PLASTIC CAP, METAL CAP NAILS OR NAILS AND TIN-TABS ATTACHED TO A NAILABLE DECK WITH ONE ROW IN THE FIELD OF THE SHEET WITH A MAXIMUM FASTENER SPACING OF 12 INCHES (305 MM) O.C., AND ONE ROW AT THE OVERLAPS FASTENED 6 INCHES (152 MM) O.C. SYNTHETIC UNDERLAYMENT SHALL BE FASTENED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND THE MANUFACTURER RECOMMENDATIONS.

2.FOR ROOF SLOPES OF FOUR UNITS VERTICAL IN 12 UNITS HORIZONTAL (33-PERCENT SLOPE) OR GREATER. UNDERLAYMENT SHALL COMPLY WITH ASTM D 226, TYPE II OR ASTM D 4869, TYPE IV OR ASTM D 6757 AND SHALL BE ONE LAYER APPLIED IN THE FOLLOWING MANNER. UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION, PARALLEL TO AND STARTING FROM THE EAVE AND LAPPED 2 INCHES (51 MM). FASTENED WITH 1-INCH (25 MM) ROUND PLASTIC CAP, METAL CAP NAILS OR NAILS AND TIN-TABS ATTACHED TO A NAILABLE DECK WITH TWO STAGGERED ROWS IN THE FIELD OF THE SHEET WITH A MAXIMUM FASTENER SPACING OF 12 INCHES (305 MM) O.C., AND ONE ROW AT THE OVERLAPS FASTENED 6 INCHES (152 MM) O.C. SYNTHETIC UNDERLAYMENT SHALL BE FASTENED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE AND THE MANUFACTURER RECOMMENDATIONS END LAPS SHALL BE OFFSET BY 6 FEET (1829 MM).

3. AS AN ALTERNATIVE, THE ENTIRE ROOF DECK SHALL BE COVERED WITH AN APPROVED SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET MEETING ASTM D 1970 OR AN APPROVED SELF-ADHERING SYNTHETIC UNDERLAYMENT INSTALLED IN ACCORDANCE WITH THE MANUFACTURER INSTALLATION INSTRUCTIONS.

BATHTUB AND SHOWER SPACES:
RATHTUB AND SHOWER FLOORS AND WALLS ABOVE BATHTUBS WITH INSTALLED SHOWER HEADS AND IN SHOWER COMPARTMENTS SHALL BE FINISHED WITH A NONABSORBENT SURFACE. SUCH WALL SURFACES SHALL EXTEND TO A HEIGHT OF NOT LESS THAN 6 FEET (1829 MM) ABOVE THE FLOOR

(14): ATTIC ACCESS:
THE ROUGH-FRAMED OPENING SHALL NOT BE LESS THAN 22 INCHES BY 30 INCHES (559 MM BY 762 MM) AND SHALL BE LOCATED IN A HALLWAY OR OTHER READILY ACCESSIBLE LOCATION, WHEN LOCATED IN A WALL, THE OPENING SHALL BE A MINIMUM OF 22 INCHES WIDE BY30 INCHES HIGH (559 MM WIDE BY 762 MM HIGH). WHEN THE ACCESS IS LOCATED IN A CEILING, MINIMUM UNOBSTRUCTED HEADROOM IN THE ATTIC SPACE SHALL BE 30 INCHES (762 MM) AT SOME POINT ABOVE THE ACCESS MEASURED VERTICALLY FROM THE BOTTOM OF CEILING FRAMING MEMBERS. PULL DOWN STAIRS MAY BE USED IN LIEU OF TYPICAL ATTIC ACCESS OPENING, PROVIDED THE OPENING MEETS THE MINIMUM OPENING REQUIREMENTS. ACCESS PANELS

MUST MEET OR EXCEED THE MINIMUM FIRE RATING REQUIREMENT OF THE WALL OR CEILING LOCATION.

## GENERAL SPECIFICATIONS AND NOTES

(15): TERMITE PROTECTION:
A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR REINS AND TREATMENT CONTRACT RENEWAL SHALL
BR PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL.

(25): SMOKE ALARMS:
SMOKE DETECTION

CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM THE BUILDING SIDEWALLS. IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" OF THE BUILDING

TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERING AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6 INCHES. EXCEPTION: PAINT OR DECORATIVE CEMENTITIOUS FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL.

INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED OR FORMED.

BOXED AREAS IN CONCRETE FLOORS FOR SUBSEQUENT INSTALLATION OF TRAPS, ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE OF SOIL AFTER THE INITIAL

MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAINFALL DILUTION. IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT RETREATMENT IS REQUIRED CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT.

SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'- 0" OF THE STRUCTURE SIDEWALLS. AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE, INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED

ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT. A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSE CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPTREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. TREATMENT IS IN ACCORDANCE WITH RULES AND LAWS ESTABLISHED I FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES".

AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE INCLUDES ALL GRADE STAKES. TUB TRAP BOXES. FORMS. SHORING OR OTHER CELLULOSE CONTAINING MATER NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC. SHALL BE BURIED WITHIN 15' - Q" OF ANY BUILDING

SOIL IS TO BE COMPACTED TO 95% MODIFIED PROCTOR AS DEFINED BY ASTM D 1557-91

TERMITE PROTECTION OPTIONS: TERMITE PROTECTION SHALL BE PROVIDED BY REGISTERED TERMITICIDES, INCLUDING SOIL APPLIED PESTICIDES (AS NOTED ABOVE), BAITING SYSTEMS, AND PESTICIDES APPLIED TO WOOD, OR OTHER APPROVED METHODS OF TERMITE PROTECTION LABELED FOR USE AS A PREVENTATIVE TREATMENT TO NEW CONSTRUCTION. UPON COMPLETION OF THE APPLICATION OF THE TERMITE PROTECTIVE TREATMENT, A CERTIFICATE OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY THE LICENSED PEST CONTROL COMPANY THAT CONTAINS THE FOLLOWING STATEMENT: "THE BIJLIDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. TREATMENT IS IN

ACCORDANCE WITH RULES AND LAWS ESTABLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES". (16): <u>GABLE ENDWALLS:</u>
MASONRY - GABLE ENDWALLS ADJACENT TO CATHEDRAL CEILINGS ARE REQUIRED TO BE CONTINUOUS FROM FLOOR TO ROOF DIAPHRAGM. POUR SLOPED CONTINUOUS CONCRETE RAKE BEAM UNLESS DETAILED OTHERWISE. (REFERENCE DETAILS ON

WOOD – GABLE ENDWALLS ADJACENT TO CATHEDRAL CEILINGS ARE REQUIRED TO BE CONTINUOUS FROM FLOOR TO ROOF DIAPHRAGM BALLOON STUD FRAMING UNLESS DETAILED OTHERWISE. (REFERENCE DETAILS ON STRUCTURAL SHEETS). 7): ROOF:
ALL ROOFING MATERIALS AND APPLICATIONS MUST MEET THE FLORIDA PRODUCT APPROVAL OR MIAMI DADE GUIDELINES AND MANUFACTURERS MINIMUM REQUIREMENTS.

VENTILATED SOFFIT MATERIAL SHALL BE PROVIDED AND INSTALLED PER MANUFACTURERS SPECIFICATIONS FOR CROSS VENTILATION. RIDGE VENT AND OFF RIDGE VENTS CAN BE INSTALLED AS REQUIRED. USE NON VENTED SOFFIT MATERIAL AND NO ROOF VENTING WHEN ATTIC FOAM INSULATION IS APPLIED UNDER ROOF SHEETING.

ROOF VENTILATION FOR METAL ROOFS...SEE MANUFACTURERS INSTALLATION INSTRUCTIONS FOR ROOF VENTING DETAILS.

ALL ROOF FLASHING TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. BASE AND CAP FLASHING SHALL BE | 127: OPENING PROTECTION: INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION-RESISTANT METAL OF MINIMUM NOMINAL 0.019 (0.483 MM) THICKNESS OF MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 LB PER 100 SQ FT (3.76 KG/M2). CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL 0.019 INCH (0.483 MM) THICKNESS.

VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED 1. FOR OPEN VALLEYS (VALLEY LINING EXPOSED) LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16 INCHES (406 MM) WIDE AND OF ANY OF THE CORROSION-RESISTANT METALS. 2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLIES OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES (457 MM) AND THE TOP LAYER A MINIMUM OF 36 INCHES (914 MM) WIDE.

3. FOR CLOSED VALLEYS (VALLEY COVERED WITH SHINGLES), VALLEY LINING SHALL BE ONE OF THE FOLLOWING: 1. BOTH TYPES 1 AND 2 ABOVE, COMBINED 2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE (914 MM) AND COMPLYING WITH ASTM D 224 3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES (914 MM) AND COMPLYING WITH ASTM D 1970

DRIP EDGE SHALL BE PROVIDED AT EAVES AND GABLES OF SHINGLE ROOFS, AND OVERLAPPED A MINIMUM OF 2 INCHES (51 MM). EAVE DRIP EDGES SHALL EXTEND 1/4 INCH (6.4 MM) BELOW SHEATHING AND EXTEND BACK ON THE ROOF A MINIMUM OF 2 INCHES (51 MM). DRIP EDGE SHALL BE MECHANICALLY FASTENED A MAXIMUM OF 12 INCHES (305 MM) ON CENTER.

A CRICKET OR SADDLE SHALL BE INSTALLED ON THE RIDGE SIDE OF ANY CHIMNEY GREATER THAN 30 INCHES (762 MM) WIDE CRICKET OR SADDLE COVERINGS SHALL BE SHEET METAL OR OF THE SAME MATERIAL AS THE ROOF COVERING. ATTACH PLYWOOD OR OSB SHEATHING TO SUPPORTING TRUSSES OR OTHER FRAMING WITH COMMON NAILS AS FOLLOWS: (UNLESS OTHERWISE NOTED) 8d:(SEE STRUCTURAL DETAIL SHEETS) B. 6" O.C. ALONG FIELD OF PLYWOOD PANELS.

PRE-MANUFACTURED ROOF TRUSSES TO BE DESIGNED IN ACCORDANCE WITH THE LATEST TPI DESIGN REQUIREMENTS. THE TRUSS MANUFACTURER IS RESPONSIBLE TO FURNISH ALL REACTION LOADS FOR DEAD LOADS, LIVE LOADS AND WIND LOADS. 1. WINDOWS AND DOORS: NOTE...SEE GLAZING SECTION FOR TEMPERED GLASS REQUIREMENTS.

WINDOWS AND DOORS SHALL BEAR CERTIFICATION THAT THEY MEET THE DESIGN WIND LOAD PRESSURES. SELECTED DOORS

MUST BEAR AN AMMA OR WDMA LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED IF BUILDING IS IN A WIND BORNE DEBRIS REGION AS DEFINED BY FLORIDA BUILDING CODE. ALL WINDOWS & GLASS DOORS TO HAVE IMPACT RESISTANT GLAZING OR INSTALLED WITH APPROVED HURRICANE

SHUTTERS/PANELS OR HIGH WIND BOARD-UP PROTECTION (SEE DETAILS). IF HURRICANE SHUTTERS/PANELS OR HIGH WIND BOARD-UP PROTECTION IS TO BE USED, ALL INSTALLATION HARDWARE AND SHUTTERS/PANELS ARE TO BE KEPT ONSITE. EXTERIOR DOOR BUCK ANCHORAGE REQUIREMENTS ARE AS FOLLOWS: 1/4" MASONRY SCREWS (2" PENETRATION MIN.) IN ROWS OF (2) SCREWS AT BOTH ENDS OF BUCK AND EVERY 12"OC...ALSO

MUST MEET THE MINIMUM MANUFACTURER'S REQUIREMENTS. ).<u>MASONRY INSTALLATION — WINDOWS</u> \*BUCKSTRIPS SHOULD BE PLACED AND SET IN A BEAD OF SEALANT. SEAL THE EXTERIOR JOINT BETWEEN THE MASONRY AND THE BUCKSTRIP, ALL GAPS ARE TO BE SEALED, BUCKSTRIPS WILL RUN THE ENTIRE LENGTH OF THE WINDOW OPENING. IF THE SILL IS COMPARABLE LUMBER, UNDER FLORIDA BUILDING CODE, A BEVEL OR TAPER LOCATED ON THE BLICK IS PERMITTED IF THE WINDOW

RAME IS COMPLETELY SUPPORTED AT BOTH THE INTERIOR AND EXTERIOR BY THE BUCKSTRIP....MUST ALSO MEET THE

MANUFACTURERS MINIMUM REQUIREMENTS

FÁSTENERS FOR INSTALLATION WILL BE MASONRY SCREWS (MINIMUM 3/16" X 2 3/4"), INSTALLED THROUGH THE BUCKSTRIP AND WINDOW INTO THE MASONRY, WINDOW MAY BE SHIMMED AS NECESSARY PROVIDED A SCREW EMBEDMENT (MINIMUM 1 1/4") IS MAINTAINED IN THE MASONRY. FASTENERS WILL BE LOCATED A MAXIMUM OF 4" FROM EACH CORNER AND A MAXIMUM OF 18" O.C THEREAFTER IT IS RECOMMENDED NOT TO INSTALL FASTENERS THROUGH THE SILL OF THE WINDOW. BUCKSTRIPS SHOULD MEASURE NO LESS THAN 3/4" X 2 1/8".....MUST ALSO MEET THE MANUFACTURERS MINIMUM REQUIREMENTS.

1 1/2" THICK (OR GREATER) WOOD BUCKSTRIPS (NOT SHOWN) WINDOW FASTENERS FOR INSTALLATION SHOULD BE A MINIMUM #10 X 1 1/2" WOOD SCREWS, INSTALLED INTO THE BUCKSTRIP THROUGH THE WINDOW. WINDOW MAY BE SHIMMED AS NECESSARY PROVIDED A SCREW EMBEDMENT (OF MINIMUM 1 1/4") IS MAINTAINED IN THE BUCKSTRIP. FASTENERS SHOULD BE LOCATED A MAXIMUM OF 4" FROM FACH CORNER AND A MAXIMUM OF 18" O.C. IT IS RECOMMENDED NOT TO INSTALL FASTENERS THROUGH THE SILL OF THE WINDOW. BUCKSTRIPS SHOULD BE NO LESS THAN

1/2" X 2 1/8". TO MAINTAIN A 1 1/4" EMBEDMENT, BUCKSTRIPS SHOULD BE INSTALLED USING MINIMUM 3/16" X 2 3/4" MASONRY SCREWS AND BE 18" O.C. THEREAFTER. ....MUST ALSO MEET THE MANUFACTURERS MINIMUM REQUIREMENTS INSTALLATION FASTENERS FOR WINDOWS ARE TO BE A 1 1/2" (MINIMUM), 4D NAILS OR #6 X 1 1/2" DRYWALL SCREW, WITH AN (29): EMBEDMENT OF 1 1/2" (MINIMUM), FASTENERS SHOULD BE LOCATED AT A MAXIMUM OF 4" FROM EACH CORNER AND 18" O.C. HEREAFTER FOR SCREWS AND 9" O.C. FOR NAILS. IT IS RECOMMENDED FOR ALL SCREWS AND/OR NAILS TO BE SEALED,

PREVENTING INTRODUCTION OF WATER AND AIR. PRODUCT MAY BE SHIMMED AS NECESSARY. ....MUST ALSO MEET THI FLEXIBLE FLASHING TO BE INSTALLED IN WEATHERBOARD FASHION. TOP LAYER TO OVERLAY ANY LAYER BENEATH, WEATHER RESISTANT BARRIER TO COVER THE FLEXIBLE FLASHING AT THE HEADER. APPLICATION OF WEATHER RESISTANT BARRIER WILL

VARY DEPENDING UPON WHEN INSTALLATION OCCURS. IF INSTALLED BEFORE WINDOW INSTALLATION TAKES PLACE, IT IS TO BE UCKED UNDER SILL FLASHING AND OVERLAP THE JAMBS AND HEADER FLASHING

THE WINDOW BUCK SHALL EXTEND BEYOND THE INTERIOR LIP OF THE WINDOW MULLIONS AND ADJACENT DOOR ASSEMBLIES ARE TO BE TESTED AND ENGINEERED TO TRANSFER 1.5 TIMES THE DESIGNED LOADS TO THE ROUGH OPENING SUBSTRATE. ANY GLAZING WITHIN 36" HORIZONTALLY AND BELOW 60" OF THE STANDING SURFACE OF A BATHTUB, SHOWER, SPA, ETC., SHALL BE SAFETY GLAZED.

MANUFACTURER INSTALLATION SPECIFICATIONS SUPERSEDED THE ABOVE REQUIREMENTS. ):<u>PLUMBING:</u> ALL PLUMBING SUPPLY, DRAINS AND VENTS MUST MEET THE MINIMUM REQUIREMENTS SPECIFIED IN THE FLORIDA BUILDING CODE

WINDOW AND DOOR SIZES, TYPE, AND LOCATION ARE INDICATED ON PLANS.

(22): ELECTRICAL:
ALL ELECTRICAL MUST MEET THE MINIMUM REQUIREMENTS SPECIFIED BY THE CURRENT NEC

SMOKE AND CARBON MONOXIDE DETECTORS: THE PROPER PLACEMENT OF UNITS SHALL BE IN ACCORDANCE WITH THE NATIONAL FI PREVENTION CODE AND MEET THE MINIMUM REQUIREMENT SET FORTH IN THE FLORIDA BUILDING CODE. SEE ELECTRICAL PLANS.

ALL MECHANICAL MUST MEET THE MINIMUM REQUIREMENTS SPECIFIED BY THE FLORIDA BUILDING CODE (MECHANICAL) CONDENSATE LINES SHALL DISCHARGE AT LEAST 12" AWAY FROM THE STRUCTURE SIDEWALL, WHETHER BY UNDERGROUND PIPING, TAIL EXTENSIONS, OR SPLASH BLOCKS EQUIPMENT DISCONNECT MUST BE WITHIN SIGHT OF THE EQUIPMENT.

BATHROOMS MUST BE VENTILATED MECHANICALLY AND EXHAUSTED TO BUILDING EXTERIOR.

AIR HANDLER FLOAT SWITCHES ARE REQUIRED TO SHUT DOWN THE UNIT OR OTHER APPROVED DEVICE TO ALERT THE HOME OWNER THERE MUST BE A NOTICE POSTED ON THE ELECTRICAL PANEL ALERTING THE HOME OWNER THAT THE AIR HANDLER IS LOCATED IN

CONSTRUCTED OF A MINIMUM NO.#26 GAUGE (0.48mm) SHEET STEEL OR OTHER APPROVED MATERIAL AND SHALL HAVE NO ALL MECHANICAL EQUIPMENT INCLUDING: A/C CONDENSERS, POOL PUMPS, POOL FILTERS, POOL HEATERS, ETC., SHALL BE

DUCTS IN THE GARAGE AND DUCTS PENETRATING THE WALLS OR CEILING SEPARATING THE DWELLING FROM THE GARAGE SHALL B

SECURED TO RESIST LOCATION WIND LOADS. IN GARAGES ALL GAS WATER HEATERS SHALL BE ELEVATED TO INSURE THAT THE LOWEST IGNITION SOURCE IS 18" ABOVE THE

ALL MECHANICAL, PLUMBING AND ELECTRICAL EQUIPMENT MUST BE LOCATED AT OR ABOVE THE DFE (DESIGNED ALL MATERIALS LOCATED BELOW THE DFE (DESIGNED FLOOD ELEVATION) MUST BE IMPERVIOUS TO FLOOD WATERS.

ALL SMOKE ALARMS SHALL BE LISTED IN ACCORDANCE WITH UL 217 AND INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF THIS CODE AND THE HOUSEHOLD FIRE WARNING EQUIPMENT PROVISIONS OF NFPA 7

HOUSEHOLD FIRE ALARM SYSTEMS INSTALLED IN ACCORDANCE WITH NFPA 72 THAT INCLUDE SMOKE ALARMS. OR A COMBINATION OF SMOKE DETECTOR AND AUDIBLE NOTIFICATION DEVICE INSTALLED AS REQUIRED BY THIS SECTION FOR SMOKE AND ALARM AS REQUIRED BY THIS SECTION FOR SMOKE ALARMS. WHERE A HOUSEHOLD FIRE WARNING SYSTEM IS INSTALLED USING A COMBINATION OF SMOKE DETECTOR AND AUDIBLE NOTIFICATION DEVICE(S). IT SHALL BECOME A PERMANENT FIXTURE OF THE OCCUPANCY AND OWNED BY THE HOMEOWNER. THE SYSTEM SHALL BE MONITORED BY AN APPROVED SUPERVISING STATION AND BE MAINTAINED IN ACCORDANCE WITH NFPA 72

SMOKE ALARMS SHALL BE INSTALLED IN THE FOLLOWING LOCATIONS:

IN EACH SLEEPING ROOM. 2. OUTSIDE EACH SEPARATE SLEEPING AREA IN THE IMMEDIATE VICINITY OF THE BEDROOMS. 3. ON EACH ADDITIONAL STORY OF THE DWELLING, INCLUDING BASEMENTS AND HABITABLE ATTICS BUT NOT INCLUDING CRAWL SPACES AND LININHABITABLE ATTICS. IN DWELLINGS OR DWELLING LINITS WITH SPLIT LEVELS AND WITHOUT AN INTERVENING DOOR BETWEEN THE ADJACENT LEVELS, A SMOKE ALARM INSTALLED ON THE UPPER LEVEL SHALL SUFFICE FOR THE ADJACENT LOWER LEVEL PROVIDED THAT THE LOWER LEVEL IS LESS THAN ONE FULL STORY BELOW THE UPPER LEVEL. WHEN MORE THAN ONE SMOKE ALARM IS REQUIRED TO BE INSTALLED WITHIN AN INDIVIDUAL DWELLING UNIT THE ALARM DEVICES SHALL BE INTERCONNECTED IN SUCH A MANNER THAT THE ACTUATION OF ONE ALARM WILL ACTIVATE ALL OF THE ALARMS IN THE INDIVIDUAL UNIT. ALTERATIONS, REPAIRS AND ADDITIONS

ADDED OR CREATED IN EXISTING DWELLINGS, THE INDIVIDUAL DWELLING UNIT SHALL BE EQUIPPED WITH SMOKE ALARMS LOCATED AS REQUIRED FOR NEW DWELLINGS. REPLACEMENT OF ROOFING A PORCH OR DECK, ARE EXEMP ALTERATION OR REPAIRS OF PLUMBING OR MECHANICAL SYSTEMS ARE

WHEN ALTERATIONS, REPAIRS OR ADDITIONS REQUIRING A PERMIT OCCUR, OR WHEN ONE OR MORE SLEEPING ROOMS ARE

THEIR PRIMARY POWER FROM THE BUILDING WIRING WHEN SUCH WIRING IS SERVED FROM A MOKE ALARMS SHALL RECEIVE THEIR PRIMARY POWER FROM THE BUILDING WIRING WHEN 300H WINNE IS SELECT.
OMMERCIAL SOURCE, AND WHEN PRIMARY POWER IS INTERRUPTED, SHALL RECEIVE POWER FROM A BATTERY, WIRIN
SE PERMANENT AND WITHOUT A DISCONNECTING SWITCH OTHER THAN THOSE REQUIRED FOR OVERCURRENT PROTECT SMOKE ALARMS SHALL BE INTERCONNECTED. . SMOKE ALARMS SHALL BE PERMITTED TO BE BATTERY OPERATED WHEN INSTALLED IN BUILDINGS WITHOUT COMMERCIAL

POWER. 2. INTERCONNECTION AND HARD—WIRING OF SMOKE ALARMS IN EXISTING AREAS SHALL NOT BE REQUIRED WHERE THE ALTERATIONS OR REPAIRS DO NOT RESULT IN THE REMOVAL OF INTERIOR WALL OR CEILING FINISHES EXPOSING THE STRUCTURE, UNLESS THERE IS AN ATTIC, CRAWL SPACE OR BASEMENT AVAILABLE WHICH COULD PROVIDE ACCESS FOR HARD WIRING AND INTERCONNECTION WITHOUT THE REMOVAL OF INTERIOR FINISHES.

EVERY SEPARATE BUILDING OR AN ADDITION TO AN EXISTING BUILDING FOR WHICH ISSUED AND HAVING A FOSSIL-FUEL-BURNING HEATER OR APPLIANCE, A FIREPLAC N ATTACHED GARAGE, OR OTHER FEATURE, FIXTURE, OR ELEMENT THAT EMITS CARBON MONOXIDE AS A BYPR SED FOR SLEEPING PURPOSES IN THE OPERATIONAL CARBON MONOXIDE ALARM INSTALLED WITHIN 10 FEET OF EACH ROCNEW BUILDING OR ADDITION, OR AT SUCH OTHER LOCATIONS AS REQUIRED BY THI

GRADE AWAY FROM FOUNDATION WALLS SHALL FALL A MINIMUM OF 6 INCHES (152 MM) WITHIN THE FIRST 10 FEET (3040 MM) EXCEPTION: WHERE LOT LINES, WALLS, SLOPES OR OTHER PHYSICAL BARRIERS PROHIBIT 6 INCHES (152 MM) OF FALL WITHIN 10 FEET (3048 MM), DRAINS OR SWALES SHALL BE PROVIDED TO ENSURE DRAINAGE AWAY FROM

S): <u>SURFACE DRAINAGE:</u> SHALL BE DIVERTED TO A STORM SEWER CONVEYANCE OR OTHER APPROVED POINT OF COLLECTION SO AS TO NOT CREATE A HAZARD. LOTS SHALL BE GRADED SO AS TO DRAIN SURFACE WATER AWAY FROM FOUNDATION WALLS. THE

OPENING FROM A PRIVATE GARAGE DIRECTLY INTO A ROOM USED FOR SLEEPING PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS
BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH INSULATED SOLID WOOD DOORS NOT LESS THAN 1 3/8 INCHES (35MM) IN THE GARAGE SHALL BE SEPARATED FROM THE RESIDENCE AND ITS ATTIC AREA BY NOT LESS THAN 1/2 -INCH GYPSUM BOARD APPLIED THE GARAGE SIDE. GARAGES BENEATH HABITABLE ROOMS ABOVE BY NOT LESS THAN 5/8 -INCH TYPE X GYPSUM BOARD OR EQUIVALENT. OORS SEPARATING THE GARAGE FROM THE RESIDENCE; REFER TO 'OPENING PROTECTION' SECTION LISTED ABOVE

GUARD RAILS—STAIR RAILS—STAIRS:
GAURDRAIL HEIGHT: (REQUIRED WHEN FLOOR SURFACE IS OVER 30" IN HT.) SINGLE FAMILY RESIDENTIAL...36"H MULTI FAMILY AND COMMERCIAL...42"H

HANDRAIL HEIGHT, MEASURED VERTICALLY FROM THE SLOPED PLANE ADJOINING THE TREAD NOSING, OR FINISH SURFACE OF RAMP SLOPE, SHALL BE NOT LESS THAN 34 INCHES (864 MM) AND NOT MORE THAN 38 INCHES (965 MM). EXCEPTIONS:THE USE OF A VOLUTE, TURNOUT OR STARTING EASING SHALL BE ALLOWED OVER THE LOWEST TREAD. WHEN HANDRAIL FITTINGS OR BENDINGS ARE USED TO PROVIDE CONTINUOUS TRANSITION BETWEEN FLIGHTS, THE TRANSITION FROM HANDRAIL TO GUARDRAIL, OR USED AT THE START OF A FLIGHT, THE HANDRAIL HEIGHT AT THE FITTINGS OR BENDINGS SHALL BE PERMITTED TO EXCEED THE MAXIMUM HEIGHT.

HANDRAILS FOR STAIRWAYS SHALL BE CONTINUOUS FOR THE FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT, HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT LESS THAN 11/2 INCH (38 MM) BETWEEN THE WALL AND THE HANDRAILS.

EXCEPTIONS: HANDRAILS SHALL BE PERMITTED TO BE INTERRUPTED BY A NEWEL POST AT THE TURN. THE USE OF A VOLUTE, TURNOUT, STARTING EASING OR STARTING NEWEL SHALL BE ALLOWED OVER THE LOWEST TREAD.

ALL REQUIRED HANDRAILS SHALL BE OF ONE OF THE FOLLOWING TYPES OR PROVIDE EQUIVALENT GRASPABILITY. TYPE HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF AT LEAST 11/4 INCHES (32 MM) AND NOT GREATER THAN 2 INCHES (51 MM). IF THE HANDRAIL IS NOT CIRCULAR, IT SHALL HAVE A PERIMETER DIMENSION OF AT LEAST 4 INCHES (102 MM) AND NOT GREATER THAN 61/4 INCHES (160 MM) WITH A MAXIMUM CROSS SECTION OF DIMENSION OF 2 1/4 INCHES (57 MM), EDGES SHALL HAVE A MINIMUM RADIUS OF 0.01 INCH (0.25 MM), TYPE II. HANDRAILS WITH A PERIMETER GREATER THAN 61/4 INCHES (160 MM) SHALL HAVE A GRASPABLE FINGER RÉCESS AREA ON BOTH SIDES OF THE PROFILE. THE FINGER RECESS SHALL BEGIN WITHIN A DISTANCE OF 3/4 INCH (19 MM) MEASURED VERTICALLY FROM THE TALLEST PORTION OF THE PROFILE AND ACHIEVE A DEPTH OF AT LEAST 5/16 INCH (8 MM) WITHIN 7/8 INCH (22 MM) BELOW THE WIDEST PORTION OF THE PROFILE. THIS REQUIRED DEPTH SHALL CONTINUE FOR AT LEAST 3/8 INCH (10 MM) TO A LEVEL THAT IS NOT LESS THAN 13/4 INCHES (45 MM) BELOW THE TALLEST PORTION OF THE PROFILE. THE MINIMUM WIDTH OF THE HANDRAIL ABOVE THE RECESS SHALL BE 11/4 INCHES (32 MM) TO A MAXIMUM OF 23/4 INCHES (70 MM). EDGES SHALL HAVE A MINIMUM RADIUS OF 0.01

REQUIRED GUARDS SHALL NOT HAVE OPENINGS FROM THE WALKING SURFACE TO THE REQUIRED GUARD HEIGHT WHICH ALLOW PASSAGE OF A SPHERE 4 INCHES (102 MM) IN DIAMETER. THE TRIANGULAR OPENINGS AT THE OPEN SIDE OF A STAIR, FORMED BY THE RISER, TREAD AND BOTTOM RAIL OF A GUARD, SHALL NOT ALLOW PASSAGE OF A SPHERE 6 INCHES (153 MM) IN DIAMETER.

2. GUARDS ON THE OPEN SIDES OF STAIRS SHALL NOT HAVE OPENINGS WHICH ALLOW PASSAGE OF A SPHERE 4-3/8 INCHES (111 MM) IN DIAMETER.

WOOD/PLASTIC COMPOSITES USED IN EXTERIOR DECK BOARDS, STAIR TREADS, HANDRAILS AND GUARDRAIL SYSTEMS SHALL BEAR A LABEL INDICATING THE REQUIRED PERFORMANCE LEVELS AND DEMONSTRATING COMPLIANCE WITH THE WOOD/PLASTIC COMPOSITES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. HANDRAILS AND GUARDS SHALL BE ABLE TO RESIST A SINGLE CONCENTRATED LOAD OF 200 POUNDS (0.89 KN) APPLIED IN ANY DIRECTION AT ANY POINT ALONG THE TOP, AND TO TRANSFER THIS LOAD THROUGH THE SUPPORTS TO THE STRUCTURE

TREAD... DEPTH 10"(MIN) WITH 1" NOSING OR 11"(MIN) WITHOUT NOSING RISER... 7-3/4" HEIGHT (MAX)

SPIRAL STAIRWAYS ARE PERMITTED, PROVIDED THE MINIMUM CLEAR WIDTH AT AND BELOW THE HANDRAIL SHALL BE 26 INCHES WITH EACH TREAD HAVING A 7-1/2 MINIMUM TREAD DEPTH AT 12 INCHES FROM THE NARROWER EDGE. ALL TREADS SHALL BE IDENTICAL, AND THE RISE SHALL BE NO MORE THAN 9-1/2". A MINIMUM HEADROOM OF 6'-6"SHALL BE PROVIDED. SERVING OCCUPANT LOAD LESS THAN 5 PERSONS

(30): CLARIFICATION OF DETAIL SHEETS:

NOTE: SOME DETAIL SHEETS REFER TO OTHER SHEETS THAT ARE PART OF THE PLAN SET, IF THE PLAN REFERS TO A SHEET (PAGE) WITH A LETTER/NUMBER, IT REFERS TO ANY OR ALL OF THE SHEETS (PAGES) WITHIN THAT PARTICULAR PART OF THE PLAN SET. EXAMPLE: IF A DETAIL ON PAGE S3.1 REFERS TO PAGE S5, THEN ANY/ALL SHEETS (PAGES) LABELED S5.1, S5.2 ETC... PERTAIN TO THE DETAIL SPECIFIED.

WIND ZONE (MPH): SEE DESIGN LOAD TABLE OCCUPANCY TYPE: SINGLE FAMILY RESIDENTIAL CONSTRUCTION TYPE: VB

SPRINKLED UNSPRINKLED

WIND IMPORTANCE FACTOR: FACTORED IN DESIGN LOAD TABLE

WIND EXPOSURE CATAGORY: SEE DESIGN LOAD

RISK CATAGORY: SEE DESIGN LOAD TABLE REQUIRED COMPONENT AND CLADDING PRESSURES: SEE DESIGN LOAD TABLE

## **APPROVED PRODUCTS:**

PRODUCT CATEGORY

SUB CATEGORY

	ROOFING	ASPHALT SHINGLES	GAF	FL 10124.1	12/12/2017 APPROVED
	ROOFING	UNDERLAYMENT	GAF	FL 10626.1	08/15/2018 APPROVED
	ROOFING	CEMENT	GAF	FL 620.1	12/12/2017 APPROVED
	ROOFING	ROOF VENT (INTEGRAL)	FLORIDA METAL PRODUCTS	FL 21580	12/12/2017 APPROVED
	WINDOWS	FIXED (NON IMPACT)	PGT	FL 5012.3	11/02/2017 APPROVED
	WINDOWS	FIXED (IMPACT)	PGT	FL 5012.5	11/02/2017 APPROVED
	WINDOWS	MULLIONS(IMPACT)	PGT	FL 17519.1	11/18/2017 APPROVED
	WINDOWS	SINGLE HUNG (NON IMPACT)	PGT	FL 239.2	12/25/2017 APPROVED
	WINDOWS	SINGLE HUNG (IMPACT)	PGT	FL 239.3	12/25.2017 APPROVED
	WINDOWS	SINGLE HUNG (NON IMPACT)	PGT	FL 239.6	12/25/2017 APPROVED
	WINDOWS	SINGLE HUNG (IMPACT)	PGT	FL 239.7	12/25.2017 APPROVED
	SHUTTERS	FABRIC STORM PANELS	GLOBAL PROTECTION PRODUCTS	FL 15088	12/12/2017 APPROVED
	SHUTTERS	STORM PANELS	GLOBAL PROTECTION PRODUCTS	FL 15076.2	12/12/2017 APPROVED
	PANEL WALLS	SOFFITS	KAYCAN LTD	FL 16503	12/20/2017 APPROVED
	PANEL WALLS	SIDING (VINYL)	CERTAINTEED	FL 12483.1	12/12/2017 APPROVED
Т	PANEL WALLS	SIDING (CEMENTUOS)	JAMES HARDIE BUILDING PRODUCTS	FL 13223.2	10/10/2017 APPROVED
	EXTERIOR DOORS	SLIDING GLASS DOORS (NON IMPACT)	PGT	FL 251.3	12/25/2017 APPROVED
	EXTERIOR DOORS	SLIDING GLASS DOORS (IMPACT)	PGT	FL 251.7	12/25/2017 APPROVED
	EXTERIOR DOORS	SWINGING 8'-0"H (IMPACT)	THERMA-TRU	FL 7630.4	12/12/2017 APPROVED
	EXTERIOR DOORS	SWINGING 8'-0"H (IMPACT)	THERMA-TRU	FL 5891.4	12/12/2017 APPROVED
	*EXTERIOR DOORS	SECTIONAL EXTERIOR DOOR	OVERHEAD DOOR CORP	FL 14170.7	12/12/2017 APPROVED
	*SEE PRODUCT APPROVAL FOR IMPACT R	ESISTANT GLAZING DETAILS IF GLAXING I	S INSTALLED IN GARAGE DOOR		
	STRUCTURAL COMPONENTS	WOOD CONNECTORS AND ANCHORS	SIMPSON STRONG-TIE	FL 15363	12/19/2017 APPROVED
	STRUCTURAL COMPONENTS	WOOD CONNECTORS AND ANCHORS	SIMPSON STRONG-TIE	FL 10441	12/21/2017 APPROVED
	STRUCTURAL COMPONENTS	WOOD CONNECTORS AND ANCHORS	SIMPSON STRONG-TIE	FL 10446	12/13/2017 APPROVED
	STRUCTURAL COMPONENTS	WOOD CONNECTORS AND ANCHORS	SIMPSON STRONG-TIE	FL 2355	12/12/2017 APPROVED
	STRUCTURAL COMPONENTS	WOOD CONNECTORS AND ANCHORS	SIMPSON STRONG-TIE	FL 13872	12/16/2017 APPROVED
	STRUCTURAL COMPONENTS	WOOD CONNECTORS AND ANCHORS	SIMPSON STRONG-TIE	FL 10456	12/19/2017 APPROVED
	STRUCTURAL COMPONENTS	WOOD CONNECTORS AND ANCHORS	SIMPSON STRONG-TIE	FL 11468	12/12/2017 APPROVED
	STRUCTURAL COMPONENTS	EPOXY AND RETRO REBAR ANCHORS	SIMPSON STRONG-TIE	FL 15730	12/19/2017 APPROVED
	STRUCTURAL COMPONENTS	NEW TECHNOLOGY	HUBER ENGINEERED WOODS LLC	FL17146 (ROOF ZIP SHEETING)	10/24/2017 APPROVED
	STRUCTURAL COMPONENTS	NEW TECHNOLOGY	HUBER ENGINEERED WOODS LLC	FL17147-R1 (WALL ZIP SHEETING)	10/25/2017 APPROVED
	STRUCTURAL COMPONENTS	PRECAST LINTELS	CAST CRETE	FL 158.1	11/21/2017 APPROVED
	STRUCTURAL COMPONENTS	STRUCTURAL LUMBER	WEYERHAEUSER	FL 6527	07/03/2017 APPROVED
	STRUCTURAL COMPONENTS	ANCHORS FOR AC CONDENSOR UNITS	BMP INTERNATIONAL	FL 14239.1	10/10/2017 APPROVED
	STRUCTURAL COMPONENTS	NEW TECHNOLOGY	Smart Vent Products, Inc.	FL 5822.1	10/10/2017 APPROVED
	STRUCTURAL COMPONENTS	THEADED ROD-NUTS AND WASHERS	MUST MEET MINIMUM ASTM STANDARDS	5	

MANUFACTURE

APPROVAL NUMBER

NOTE: THE OWNER OR BUILDER HAS THE ABILITY TO CHANGE PRODUCT OR SERIES IF THE REPLACEMENT'S SPECIFICATIONS MEET OR EXCEED THE DESIGN PRESSURES REQUIRED IT IS THE RESPONCIBILITY OF THE OWNER OR BUILDER TO PROVIDE THE REPLACEMENTS' NOA OR FLORIDA PRODUCT APPROVAL INFORMATION

Floor	and Roof Live Loads	
Uninhabitable Attics:	20 psf	
Habitable Attics, Bedroom:	30 psf	
All Other Rooms:	40 psf	
Garage:	40 psf	
Roofs:	20 psf	

Wind	Design Data			
Ultimate Wind Speed:		150 mph		
Nominal Wind Speed:		116 mph		
Risk Category:		П		
Wind Exposure:		В		
Enclosure Classification:		Enclosed		
Internal Pressure Coefficient:		0.18 +/-		
Components and Cladding Design Pressures:				
Roofing Zone 1:	+16.0 psf max.,	-22.2 psf min.		

Roofing Zone 2: +16.0 psf max., -38.7 psf min. Roofing Zone 3: +16.0 psf max., -57.1 psf min. Roofing at Zone 2 Overhangs: -45.2 psf min. Roofing at Zone 3 Overhangs: -76.0 psf min. Stucco, Cladding, Doors & Windows: +24.3 psf max., -26.3 psf min.

+24.3 psf max., -32.5 psf min.

End Zone Width: The Nominal Wind Speed was used to determine the above Component and Cladding Design Pressures.

All exterior glazed openings shall be protected from wind-borne debris as per Section 1609.1.2 of the 2017 Florida Building Code.

Zone 5:

**Geotechnical Information** 

Design Soil Load-Bearing Capacity:  $2.000 \, \mathrm{psf}$ 

> ALL DIMENSIONS SHOWN MAY VARY SLIGHTLY DUE TO MATERIAL SIZES AND THICKNESS.

STEPS THAT ARE SHOWN MAY VARY IN NUMBER OF STEPS REQUIRED.

STEP SIZE: TREAD 11" MIN-RISER 7-3/4" MAX. Draftsman will apply due diligence against errors and omissions, but errors and omissions may occur. Please review your plans, as well as your builder. Trinity Drafting LLC will correct all errors and/or omissions prior to construction without cost. Draftsman's liability limit will not exceed the price of the plans.

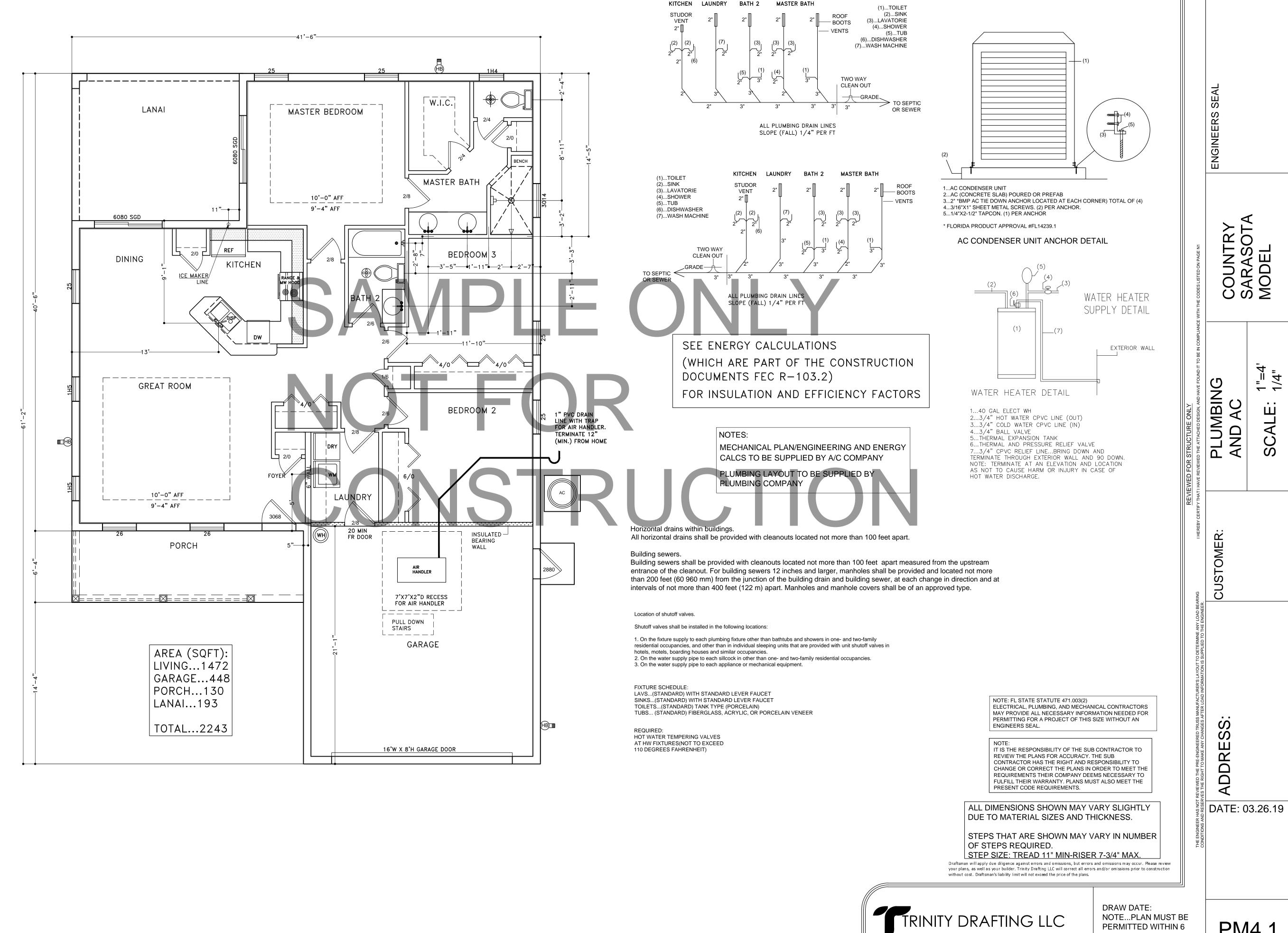


DRAW DATE: NOTE...PLAN MUST BE PERMITTED WITHIN 6 MONTHS OF DRAW DATE OR REVISION FEES MAY APPLY

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OUNTR' ARASO1

DATE: 03.26.19



MONTHS OF DRAW DATE

OR REVISION FEES MAY

APPLY

813.482.2463

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