

CONTINUOUS RIDGE VENT (APPROX. 19)

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GENERAL EXTERIOR ELEVATION NOTES

- ALL EXTERIOR FINISHES TO BE INSTALLED PER MANUF. SPECS. AND TO MEET OR EXCEED APPLICABLE CODES.
- GC TO COORD. ANY EXTERIOR WALL MOUNTED ELEMENTS, INCLUDING BUT NOT LIMITED TO, LIGHTING AND VENTILATION.
- EXTERIOR GRADE REYOND BUILDING TO SLOPE AWAY FROM STRUCTURE. SEE SECTIONS
- COORD. ROOF ATTIC VENTILATION W/ GCs ROOFING SUBCONTRACTOR, IF REQUIRED.

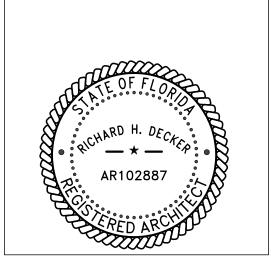


ARCHITECT

RICHARD H. DECKER AR102887 D4 BLU DESIGN, INC P.O. BOX 771043 **OCALA,FL 34474**

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ARCHITECT'S SEAL:



FIBERGLASS SHINGLES OVER 30#

_____106'-8" WDW HD HGT

100'-0" FL00R FFL

UNDERLAYMENT

PAINTED CEMENTITIOUS

STUCCO BAND @ PERIMETER OF DOORS AND WINDOWS ON FRONT ELEVATION ONLY

COATING FINISH

CONTRACTOR INFO:

CODE INFORMATION

THIS PROJECT IS DESIGNED TO MEET THE REQUIREMENTS OF 2023 8th EDITION FLORIDA RESIDENTIAL CODE OCCUPANCY: SINGLE FAMILY RESIDENTIAL CONSTRUCTION TYPE: VB, UNPROTECTED, UNSPRINKLERED

STRUCTURAL LOADS (SEE STRUCTURAL, STRUCTURAL ENGINEER'S DESIGN SUPERSEDES)

ROOF LIVE LOADS -20 PSF ROOF DEAD LOADS -20 PSF 140 M.P.H. - 3 SECOND GUST WIND SPEED -

(SEE STRUCTURAL, STRUCTURAL ENGINEER'S DESIGN SUPERSEDES, TO BE VERIFIED BY GCS CONTRACTED GEOTECHNICAL ENGINEER)

MINIMUM CODE REQUIREMENTS - 2000 LB PSI MINIMUM COMPACTION - 95% MODIFIED PROCTOR MAX DRY DENSITY

SHEET INDEX

A1 CODE INFORMATION AND EXTERIOR ELEVATIONS A2 FLOOR PLAN AND ELECTRICAL PLAN SN STRUCTURAL NOTES

PROJECT DESCRIPTION

A NEW 1,540 SF HOME COMPRISED OF LIVING, KITCHEN,

3 BEDROOMS, 2 BATHROOMS, AND 1-CAR GARAGE.

- FOUNDATION PLAN AND BEAM PLAN S2 ROOF FRAMING PLAN AND STRUCTURAL DETAILS
- 4. CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM.
- WOOD-FRAME CONSTRUCTION.
- 7. AT BUILT-IN GUTTERS

PROVIDE DOWSIL 778 -SILICONE LIQUID FLASHING, OR SIMILAR, AT THE PERIMETER OF ALL OPENINGS.

CONTROL JOINT SPACED

18' O.C. MAX OR 144 SF —

MAX PANEL SIZE

DRAWING DATE:

PERMIT 12/19/24

PROJECT NAME:

A NEW CUSTOM HOME

MCAN 5

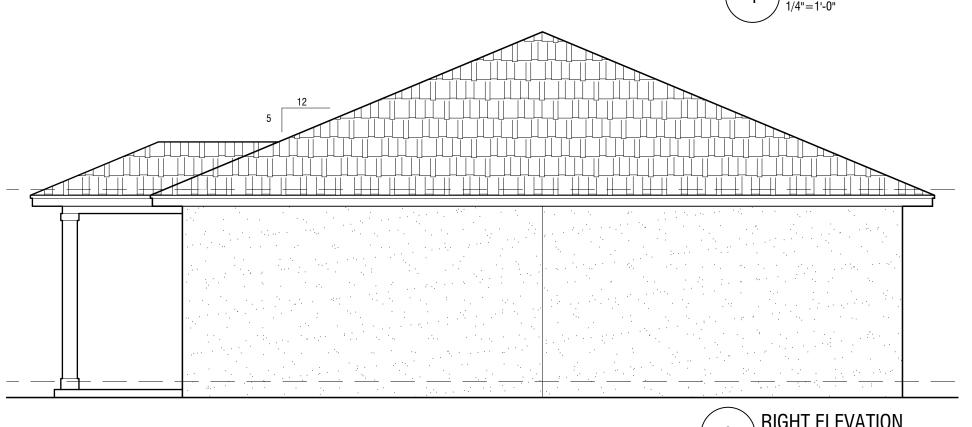
PROJECT LOCATION:

PARCEL #: 2262-011-005 OCALA, FL 34471

SHEET No.

CODE INFORMATION AND EXTERIOR ELEVATIONS

SHEET 1 OF 5



GENERAL CONSTRUCTION NOTES ALL MAY NOT APPLY. IF SHEET 'SN' IS PROVIDED ALL STRUCTURAL NOTES ON SHEET 'SN' TAKE PRECEDENCE

GENERAL

- G-1 THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OR START ON
- G-2 THE GENERAL CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE, THE WORK PERSONS, AND OTHER PEOPLE DURING CONSTRUCTION. HE SHALL SUPERVISE AND DIRECT THE WORK AND BE RESPONSIBLE FOR ALL CONSTRUCTION.
- G-3 ALL WORK SHALL SHALL MEET OR EXCEED THE 2023, 8th EDITION FLORIDA BUILDING CODE, FLORIDA FIRE PREVENTION CODE, NATIONAL ELECTRIC CODE, AMERICANS WITH DISABILITIES ACT, AND ALL CURRENT APPLICABLE LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES.
- G-4 PROVIDE INFORMATION FOR ALL MATERIALS, PRODUCTS AND SYSTEMS, INCLUDING TEST DATA AND COLOR SAMPLES AS REQUIRED BY ENGINEER AND OWNER. G-5 THE GENERAL CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL EXISTING UNDERGROUND AND
- OVERHEAD UTILITIES PRIOR TO THE COMMENCEMENT OF ANY DIGGING OR GRADING. G-6 PROVIDE GREEN BOARD (OR CEMENT BOARD IF TILED) OF EQUIVALENT THICKNESS IN ALL AREAS PRONE TO THE DEVELOPMENT OF HIGH HUMIDITY, IE: RESTROOMS, COVERED PORCHES, ETC.ALL
- 2x4 CONST GRADE STUDS @ 16" O.C., FINISHED W/ 1/2" GWB EACH SIDE. COORD. TEXTURE W/ OWNER. G-8 PROVIDE A 3"MINIMUM AUTOMATIC CLOTHES WASHER MACHINE STANDPIPE CONNECTION ABOVE SLAB AS REQUIRED. PER FBC PLUMBING 406.2, TABLE 709.1(G).

G-7 INTERIOR WALLS TO BE (UNLESS NOTED OTHERWISE) 2x4 PT SOLE PLATE, 2x4 SP NO.2 TOP PLATE, AND

- G-9 ANY DISCREPANCIES ON PLANS AND/OR VERSUS EXISTING CONDITIONS SHALL BE BROUGHT TO THE E.O.R OR A.O.R. IMMEDIATE ATTENTION. G-10 GCs MECHANICAL, PLUMBING AND ELECTRICAL SUB-CONTRACTORS TO PROVIDE PERMIT DOCUMENTS INCLUDING REQUIRED PLANS, DETAILS, SPECIFICATIONS, ETC. REQUIRED FOR PERMIT, GC SHALL COORDINATE WITH THE PROVIDED ARCHITECTURAL, AND STRUCTURAL PLANS. THE GENERAL
- EMBEDS AND SUPPORTS OR ANY OTHER ITEMS WHICH AFFECT THE STRUCTURAL DRAWINGS. G-11 WHERE TRANSITIONS IN FLOOR AND/OR GRADE ELEVATION CHANGE THERE IS NOT A CODE REQUIREMENT FOR A HANDRAIL AND/OR GUARDRAIL UNLESS SHOWN ON PLANS. IT IS THE OWNER'S DISCREATION TO OMIT OR ADD HANDRAILS AND/OR GAURDRAILS TO AREAS WITH AN INHERENT FALL RISK. THE A.O.R. OR E.O.R. DO NOT TAKE ANY EXCEPTION TO ADDING THE RAILING, SUCH THAT IT MEETS THE LOCAL AND STATE CODES. FURTHERMORE THE A.O.R. OR E.O.R. DO NOT TAKE RESPONSIBILITY FOR AREAS OF FALL RISK THAT DO NOT REQUIRE FALL PROTECTION BY LOCAL AND/OR STATE LAWS AND CODES.

ATTAINMENT OF THE STATED DESIGN PRESSURE THEY SHALL NOTIFY THE ENGINEER IMMEDIATELY.

CONTRACTOR SHALL COORDINATE ALL MECHANICAL, AND ELECTRICAL DRAWINGS FOR ANCHORS,

FOUNDATION

- F-1 ALL ORGANIC MATERIALS, REFUSE MATERIALS OR SOFT AREAS SHALL BE REMOVED AND SOIL PREPARED
- FOR AN ALLOWABLE BEARING PRESSURE OF 2000 P.S.F.. F-2 SHOULD THE CONTRACTOR DISCOVER ANY CONDITION WHICH COULD PREVENT THE

SLAB ON GRADE

- F-3 COMPACT INTERIOR FILL TO 95% MINIMUM MAX DRY DENSITY (MODIFIED PROCTOR, ASTM D1557-58T OPTIMUM MOISTURE CONTENT). SOIL COMPACTION SHALL BE FIELD CONTROLLED BY A REPRESENTATIVE FROM A QUALIFIED LABORATORY APPROVED BY THE ENGINEER. EACH LAYER OF FILL SHALL NOT EXCEED 10" AND SHALL BE COMPACTED PRIOR TO THE PLACEMENT OF THE NEXT FILL
- F-4 ALL FLOOR SLABS SHALL BE PLACED UPON A 4" THICK SAND LAYER FOR FINE GRADING.

STRUCTURAL LUMBER

- L-1 ALL STRUCTURAL AND LOAD BEARING WALL SHALL HAVE A MINIMUM FB=1200 P.S.I. L-2 WALL WITH A HEIGHT GREATER THAN 9' SHALL HAVE INTERMEDIATE BRIDGING
- SPACED NOT GREATER THAN 72" APART. L-3 LOAD BEARING WALLS SHALL HAVE DOUBLE SYP#2 TOP PLATES AND SOLE PLATE ON
- MASONRY SHALL BE PRESSURE TREATED. L-4 ALL LUMBER THAT COMES IN CONTACT WITH CMU OR CONCRETE SHALL BE PRESSURE TREATED AND OR PROVIDE GALV. PLATES AS INDICATED BY TRUSS OR

STRUCTURAL STEEL

S-1 STEEL WORK SHALL CONFORM TO THE AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS (USE THE LATEST EDITION).

CONNECTOR MANUFACTURER FOR SPECIFICATION AND INSTALLATION TECHNIQUES.

CONCRETE AND REINFORCING

- C-1 CONCRETE WORK SHALL CONFORM TO ACI STANDARD BUILDING CODE REQUIREMENTS FOR
- REINFORCED CONCRETE. C-2 CONCRETE SHALL HAVE A MINIMUM 28 DAY STRENGTH AS FOLLOWS: FOUNDATIONS,
- FILLED CELLS, CONCRETE BEAMS, 3000 P.S.I. SLABS ON GRADE 3000 P.S.I.. C-3 REBARS SHALL CONFORM TO ASTM A-615 GRADE 40, AND 30" LAP AT ALL JOINTS SLAB WITH FIBER
- MESH OR WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- C-4 COVER FOR REINFORCING SHALL BE AS FOLLOWS UNLESS NOTED: FOOTING 3" SLABS ON GRADE 1 1/2" FROM TOP BEAMS 1 1/2" (ON STIRRUPS)
- C-5 VERTICAL REBAR WALL REINFORCING SHALL BE STANDARD HOOK WITH A PROJECTION OF 30" min. ABOVE SLAB AND A 7" min. EMBEDMENT.

- **MASONRY** M-1 ALL MASONRY CONSTRUCTION SHALL CONFORM TO ACI STANDARD BUILDING CODE
- REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-14). M-2 ALL CONCRETE BLOCKS SHALL CONFORM TO ASTM C 90. 28 DAY STRENGTH MUST EQUAL 2000psi, FM
- SHALL EQUAL 1500psi LAID IN A RUNNING BOND.
- M-3 ALL MORTAR SHALL BE TYPE S OR M.
- M-4 REINFORCE ALL CMU WALLS WITH A CONTINUOUS HORIZONTAL BOND BEAM GROUTED SOLID AND REINFORCE WITH A MINIMUM OF (1) #5 REBAR WITH A 30" OVERLAP AT EACH JOINT. M-5 WHERE SHOWN, ALL VERTICAL CELLS OF BLOCK MASONRY SHALL BE FILLED WITH 3000psi GROUT HAVING A 28 DAY STRENGTH OF 3000psi AND A GROUND SLUMP NOT LESS THAN 8". REINFORCE WITH A
- MINIMUM OF (1) #5 VERTICAL REBAR WITH A MINIMUM 30" OVERLAP AT EACH JOINT. M-6 GROUT FOR FILLED CELLS SHALL BE POURED OR PUMPED IN LIFTS NOT TO EXCEED 10'-0" IN HEIGHT
- AND SHALL BE CONSOLIDATED AT THE TIME OF POURING BY RODDING OR VIBRATING.
- M-7 PROVIDE KNOCKOUTS IN CMU AT THE BASE OF EACH FILLED CELL TO ALLOW VISUAL VERIFICATION OF COMPLETE GROUT PENETRATION.

FLASHING PER FBC 2023 RESIDENTIAL. TO BE COORD. W/ MANUF.

FINISH COLUMNS AND BEAMS W/ STUCCO OVER GALV. SELF-RIBBED-

INSTALLED AT THE FOLLOWING LOCATIONS:

WIRE LATH, PER CODE

APPROVED METAL FLASHING, VINYL FLASHING, SELF-ADHERED MEMBRANES AND MECHANICALLY ATTACHED FLEXIBLE FLASHING SHALL BE APPLIED SHINGLE-FASHION OR IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. METAL FLASHING SHAL BE CORROSION RESISTANT. FLUID-APPLIED MEMBRANES USED AS FLASHING SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. ALL FLASHING SHALL BE APPLIED IN A MANNER TO PREVENT THE ENTRY OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS. SELF-ADHERED MEMBRANES USED AS FLASHING SHALL COMPLY WITH AAMA 711. ALL EXTERIOR FENESTRATION PRODUCTS SHALL BE SEALED AT THE JUNCTURE WITH THE BUILDING WALL WITH A SEALANT COMPLYING WITH AAMA 800 OR ASTM C920 CLASS 25 GRADE NS OR GREATER FOR PROPER JOINT EXPANSION AND CONTRACTION, ASTM C1281, AAMA 812, OR OTHER APPROVED STANDARD AS APPROPRIATE FOR THE TYPE OF SEALANT. FLUID-APPLIED MEMBRANES USED AS FLASHING IN EXTERIOR WALLS SHALL COMPLY WITH AAMA 714. THE FLASHING SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH. APPROVED FLASHINGS SHALL BE

1. EXTERIOR WINDOW AND DOOR OPENINGS. FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL EXTEND TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO THE WATER-RESISTIVE BARRIER COMPLYING WITH SECTION 703.2 FOR SUBSEQUENT DRAINAGE. MECHANICALLY ATTACHED FLEXIBLE FLASHINGS SHALL COMPLY WITH AAMA 712. FLASHING AT EXTERIOR WINDOW AND DOOR OPENINGS SHALL BE INSTALLED IN ACCORDANCE WITH ONE OR MORE OF THE FOLLOWING:

1.1. THE FENESTRATION MANUFACTURER'S INSTALLATION AND FLASHING INSTRUCTIONS, OR FOR APPLICATIONS NOT ADDRESSED IN THE FENESTRATION MANUFACTURER'S INSTRUCTIONS, IN ACCORDANCE WITH THE FLASHING MANUFACTURER'S INSTRUCTIONS. WHERE FLASHING INSTRUCTIONS OR DETAILS ARE NOT PROVIDED, PAN FLASHING SHALL BE INSTALLED AT THE SILL OF EXTERIOR WINDOW AND DOOR OPENINGS. PAN FLASHING SHALL BE SEALED OR SLOPED IN SUCH A MANNER AS TO DIRECT WATER TO THE SURFACE OF THE EXTERIOR WALL FINISH OR TO THE WATER-RESISTIVE BARRIER FOR SUBSEQUENT DRAINAGE. OPENINGS USING PAN FLASHING SHALL INCORPORATE FLASHING OR PROTECTION AT THE HEAD AND SIDES.

1.2. IN ACCORDANCE WITH THE FLASHING DESIGN OR METHOD OF A REGISTERED DESIGN PROFESSIONAL.

1.3. IN ACCORDANCE WITH OTHER APPROVED METHODS.

1.4. IN ACCORDANCE WITH FMA/AAMA 100, FMA/AAMA 200, FMA/WDMA 250, FMA/AAMA/WDMA 300 OR FMA/AAMA/WDMA 400.

2. AT THE INTERSECTION OF CHIMNEYS OR OTHER MASONRY CONSTRUCTION WITH FRAME OR STUCCO WALLS, WITH PROJECTING LIPS ON BOTH SIDES UNDER STUCCO COPINGS.

3. UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL COPINGS AND SILLS.

5. WHERE EXTERIOR PORCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OF

6. AT WALL AND ROOF INTERSECTIONS.

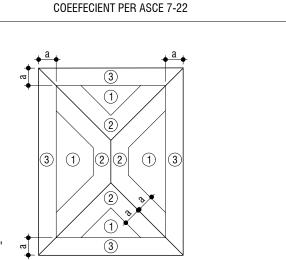


FIGURE R301.2(7) COMPONENT AND

CLADDING PRESSURE ZONES

ULTIMATE DESIGN WIND SPEED

-27.7

-26.6

-25.1

-23.9

-34.1

-31.9

-28.8

-26.6

-39.6

-35.1

-29.1

-24.6

-54.7

-47.1

-37.2

-29.7

-54.7

-47.1

-37.2

-29.7

25.5

24.4

22.8

21.7

25.5

24.4

22.8

21.7

22.1

19.1

15.1

12.1

22.1

19.1

15.1

12.1

22.1

19.1

15.1

12.1

EFFECTIVE

WIND AREA

50

100

50

100

100

100

50

100

COMPONENT AND CLADDING LOADS FOR A BUILDING WITH A MEAN ROOF

HEIGHT OF 30 FEET LOCATED IN EXPOSURE C (EXPOSURE B + 1.4)

ZONE

AREA TABULATION **OVERALL** LIVING 1,165 SF 1,540 SF GARAGE 335 SF FRONT ENTRY 40 SF 1,540 SF GARAGE LIVING 1,165 SF 335 SF ENTRY

40 SF

C:\D4 BLU LLC\MARK HART SPEC HOME\MCAN 5 WITH GARAGE

COMPONENT AND CLADDING

HIP ROOF > 20

TO 27 DEGREES

 $(5/12 = 23^{\circ})$