COLUMBIA COUNTY

Plan Sheet Index:

Sheet No. title/index sheet Description

front and right elevations floor plan

rear and left elevations

wall typical & strapping/nailing requirements

special details special details

roof plan foundation plan

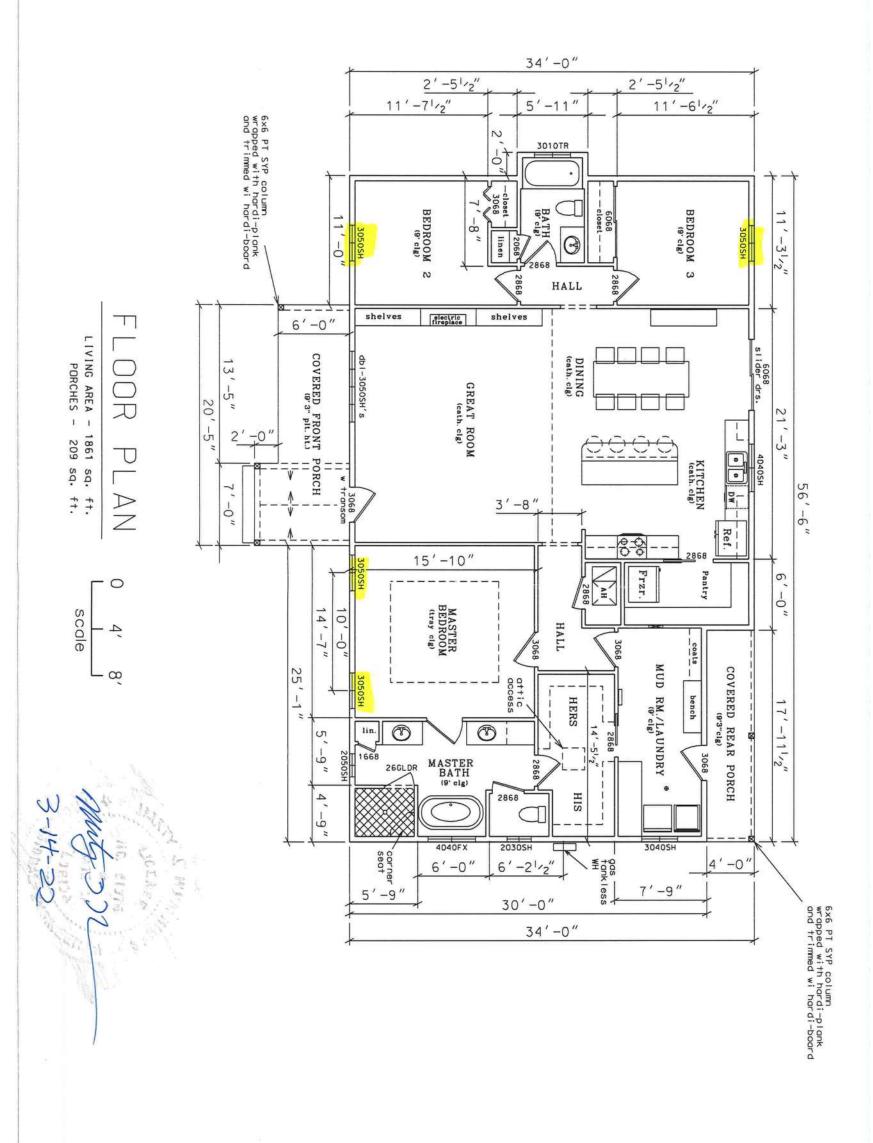
electrical plan





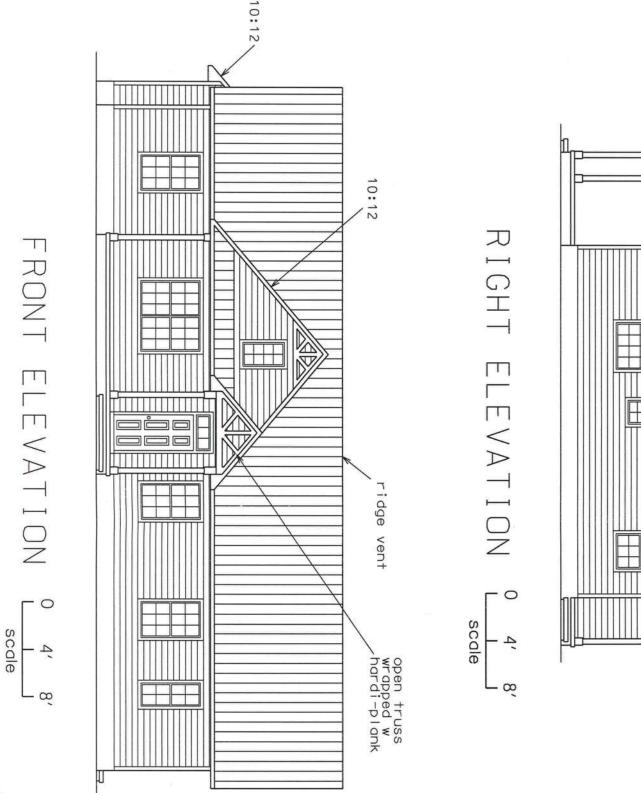
DEAS RESIDENCE PLANS COLUMBIA COUNTY, FL

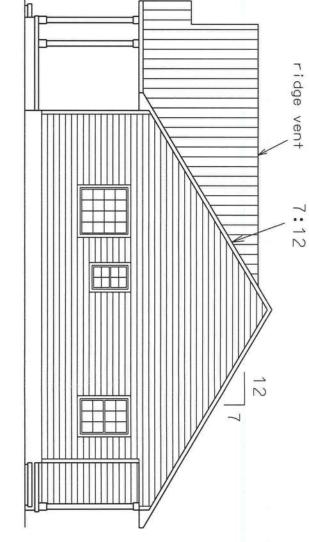




SHEET 2 0F DEAS RESIDENCE PLANS COLUMBIA COUNTY, FL



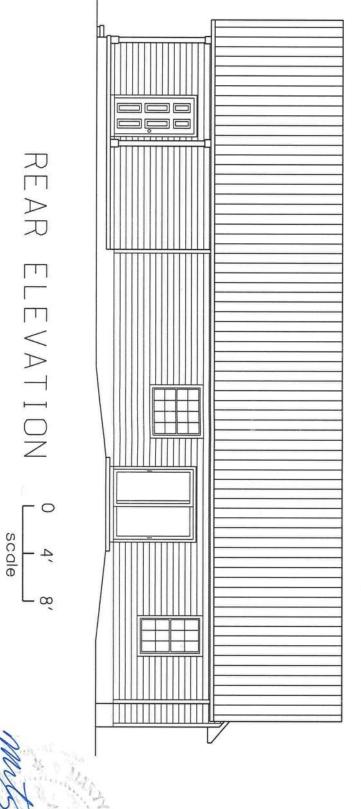


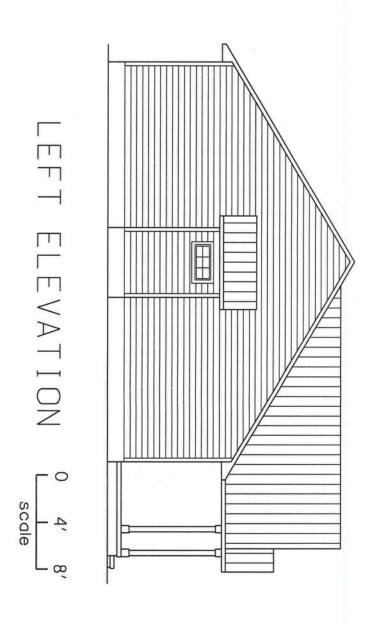


SHEET 3 OF

DEAS RESIDENCE PLANS COLUMBIA COUNTY, FL







3-14-22

SHEET OF 10 DEAS RESIDENCE PLANS COLUMBIA COUNTY, FL



STRAPPING (Designed In accordance with the AND ANCHOR REQUIREMENTS 2020 FBC):

WINDLOAD DATA AND EXPOSURE:

Importance Factor = 1.0 Basic Wind Speed = 120 mph Vult.

Exposure Category = B

Mean Roof Height = 16' Residential Occupancy = Group R3

Roof Cross Slope = 7:12 & 10:12 Height and Exposure Adjustment Coefficient = 1.0

Wall Height = 9'

Risk Category = II

At truss to exterior wall, porch beam or carport beam locations: install one Simpson HIDA clip at truss bearing point. TRUSS ANCHORS: Component and Cladding Pressures = Roof(Zone 1=14.2, -26.1, Zone 2=14.2, -28.7 Zone 3=14.2, -35.3), Wall(Zone 4=15.5, -16,9 Zone 5=15.5, -20.8)(units are psf)

WALL STRAPPING:

At top and bottom of exterior walls install one Simpson model SP6 at each side of each door and window 4' or less in width. At top and bottom of wall for windows and doors larger than 4' in width install two Simpson model SP6's each side of opening. All other wall locations install one SP6 top and bottom of the wall 4' on center.

GABLE ENDS:

connect to end gable truss. At gable ends install one Simpson model H5 anchor where lookouts

connecting gable end truss to wall framing. At left and right end gables install one Simpson LSTA18 - 4' on center

BRACING: At each gable end install one 2x4 SPF 8' stud spaced 6' on center horizontal along top of bottom chord of trusses, nail with 2-12d nails at each truss including end truss. In addition, install a 2x4 brace extending from this stud at the gable end truss 45 degrees to truss at roof sheathing, nail with 2-12d nails where it crosses truss members and at ends. Gable end truss shall be built to recieve sheathing with vertical members 2' on center. Vertical members of gable end truss greater than 5' in height shall be stiffened with one 2x4 SPF nailed with 12d nails 8" on center to back of vertical member. (See Detail)

SHEATHING:

sheathing. Wall sheathing shall be installed with long dimension vertical on exterior walls and full-depth blocking shall be required at horizontal joints in

PORCH COLUMNS:

Install Simpson model ABU66 and 2 Simpson MSTA12 straps.

SPECIAL HEADER CONNECTIONS:

Install Simpson model HUC410 hanger connecting porch beams to home

PORCH & CARPORT CEILINGS:

or vinyl soffit material or hardipanel. Install 1x4 SPF lathes 16" on center nailed to trusses with 2-8d nails or install %6" OSB sheathing nailed with 8d nails 6" on center and cover with solid aluminum

Equivalent capacity anchors may be substituted, installed in accordance with the manufacturers requirements.

double 2x6 top plate (top plate serves as fireblocking) — (penetrations thru top plate shall be snug and sealed with fire resistant o cont.8" x 8" x 16 CMU stemwall w (1) vertical #5 rebar 4'O.C. (cells poured solid w 3000 psi conc.) aluminum facia(cont.) vented aluminum soffit noil with 8d noils 4" O.C. around edges and 6" O.C. interior) 16' OSB sheathing nails 6" 0.C. including overhang areas. nail with 8d ring-shank 15/32" CDX plywood hardiplank lap siding stapled between trusses ventilation baffle house wrap typical 1/6 (w roofing felt or synthetic underlayment) metal roof (continuous) chair block gypsum wallboard (finish per owner) 2x6 studs © 16°0.C. (2) cont. # 5 rebar 1/2" gypsom wal cont. 10" x 20" place Sil side of door openings) plate %' x 10" anchor bolts w 2" square and (instal) . 6 mı sealed 4° conc slab (3000 psi) ll-Seal roll foam between | PT sole plate washer - 3' typ. spacing conc. footer lboard, (cathedral over Great Room and Kitchen/Dining built into trusses, Master Bedroom tray ceiling built into trusses, cathedral over front 9" from corners porch entry built into trusses) 2x4 pre-eng. trusses 24" 0.C. compacted fill (chemically treated for termites) insulation(minimum) fiberglass rolled (or fiber-reinforced concrete) velded wire mesh (6x6-10gage) and each

WALL Z. |

HEADER SIZES/MATERIAL SHALL BE AS FOLLOWS:

WINDOW AND DOOR OPENINGS: 2 - #2 SYP 2X10's w #2 to form a box nailed wi SYP 2X6 top and bottom 1th 12d nails 10 on center

PORCH HEADERS SHALL BE: 2 - #2 SYP 2XIØ'S w $\frac{1}{2}$ " OSB or plywood between, nailed w 4-12d nails 10" on center

SYP = SOUTHERN YELLOW PINE

SHEET OF

DEAS RESIDENCE PLANS COLUMBIA COUNTY,



(cells poured solid w 3000 psi conc.) cont. $8" \times 8" \times 16"$ CMU stemwall w (1) vertical #5 rebar 4' O.C. OPTIONAL stone/brick veneer stone/brick cap PORCH FOUNDATION (3) cont. # 5 rebar DETAIL cont. 10" x 21" conc. footer 4" conc slab (3000 ps1) compacted treated fill 6 m1 v1squeen lapped 6" and sealed (N.T.S.) (chairs 3' O.C. each way) (or fiber-reinforced conc.) cont. $8" \times 8" \times 16"$ CMU stemwall w (1) vertical *5 rebar 4′0.C. (cells poured solid w 3000 psi conc.) 11/2"> DETAIL (2) cont. # 5 W cont. 10' 4' conc slab (3000 psı) x 16" conc. footer compacted treated fill welded wire mesh(6x6x10GA) or fiber reinforced concrete

OPTIONAL EXTERIOR WALL FOOTER DETAIL FOR STONE OR BRICK VENEER LOCATIONS

cont. 8" x 8" x 16" CMU stemwall w (1) vertical #5 rebar 4' O.C. (cells poured solid w 3000 psi conc.)

↑ 4.

compacted fill (chemically treated for termites)

(3) cont. # 5 rebar

cont. 10" x 21" conc. footer

chair block

lapped 6" and sealed

weleded wire mesh

(6x6-10gage)

stone or brick veneer (height of stone _____and location per owner)

house wrap

place Sill-Seal roll foam between slab and sole plate

4" conc slab (3000 psı) %" x 10" anchor bolts w 2" washer - 3' typ. spacing (install 9" each way from corners and each side of door openings)

PORCH FOUNDATION (N.T.S.)

(stone

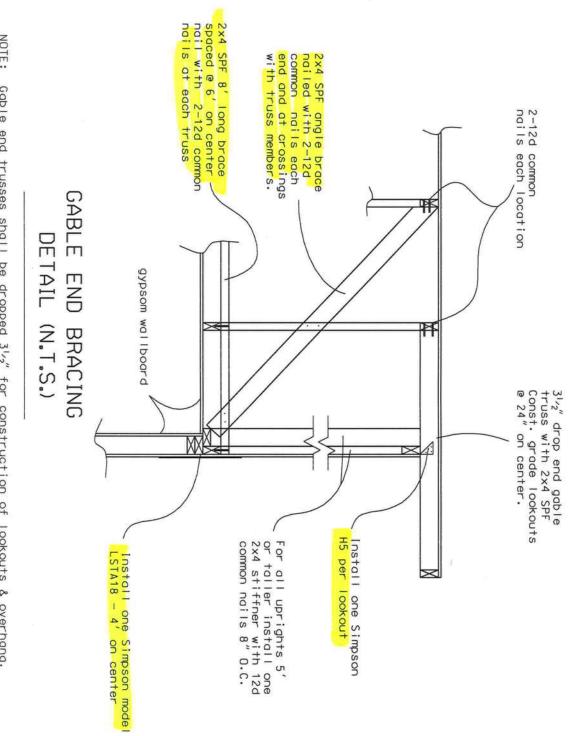
97

brick kneewall)

3-14-22 UCC 2MM

DEAS RESIDENCE PLANS
COLUMBIA COUNTY, FL



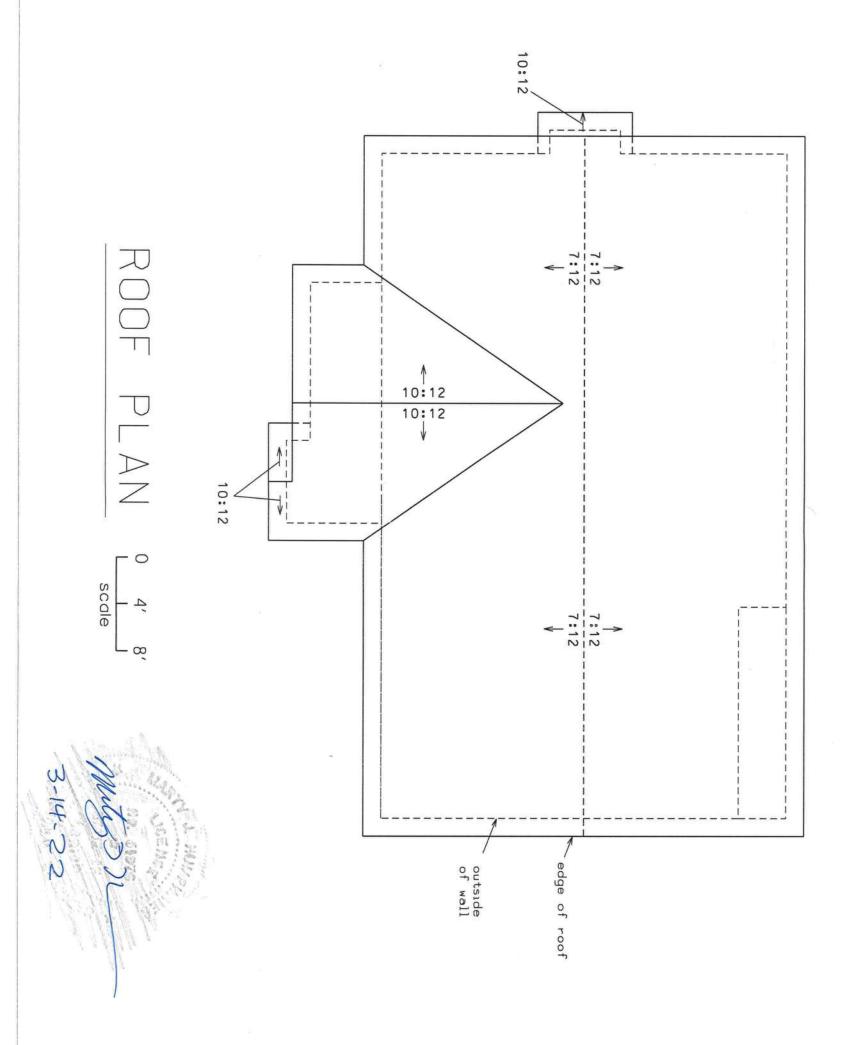


NOTE: Gable end trusses shall be dropped $3^{1} i_{2}^{\prime\prime}$ for construction of lookouts & overhang.



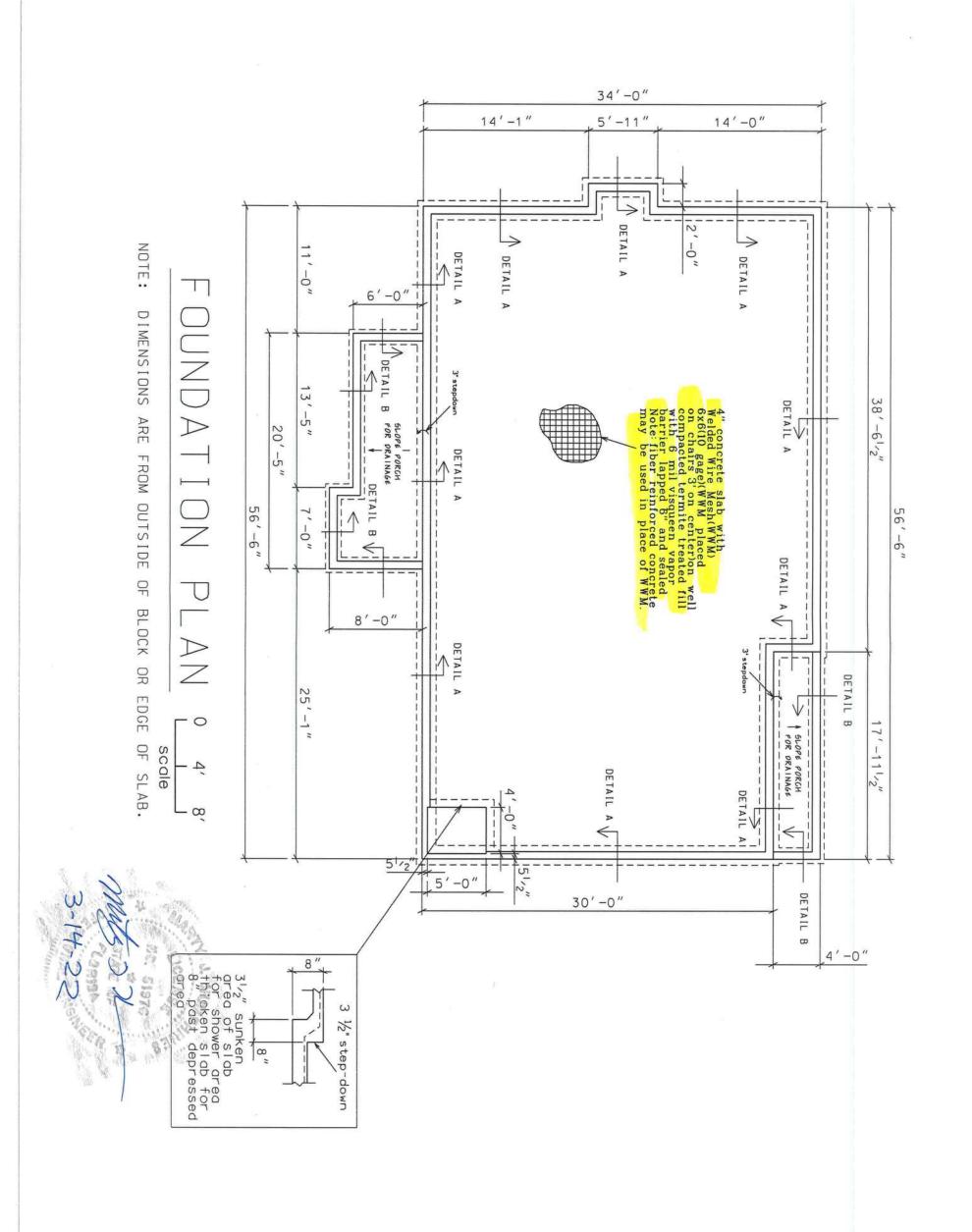
DEAS RESIDENCE PLANS COLUMBIA COUNTY, FL





SHEET 0F DEAS RESIDENCE PLANS COLUMBIA COUNTY, FL





SHEET OF IO DEAS RESIDENCE PLANS COLUMBIA COUNTY, FL



ELECTRICAL LEGEND

- CEILING FAN w LIGHTS

- LIGHT FIXTURE

- RECESSED CAN LIGHT FIXTURE

THREE-WAY SWITCH SINGLE POLE SWITCH

FOUR-WAY SWITCH

D - DIMMER SWITCH

THREE-WAY DIMMER SWITCH

RECEPT.

GFI RECEPT OR PART OF A GFI CIRCUIT.

SECURITY LIGHT

∘⊗ - EXHAUST WITH LIGHT

(b)

SMOKE DETECTOR (AC/DC and interconnected)

(3) SMOKE & CARBON MONOXIED DETECTOR (AC/DC and interconnected)

0 0 - COAX & TELEPHONE

1.) ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF.

ALL RECPTS NOT A GFI OR PART OF A GFI CIRCUIT SHALL BE PART OF AN AFCI CIRCUIT. PLACE 4 LIGHTS IN HOME ATTIC AREA WITH SWITCH NEAR ATTIC ACCESS.

ELECTRICAL

PLAN

(N. T. S.

ф г.зо ф Ф Φ 🕄 Φ 🕝 3€ \$ wire for micr./vent above range H SG brass, flush floor recept. locate per owner **O** 200A **□** 9 \$ 00 60 AMP AC Compr.

OF OF SHEET

DEAS RESIDENCE PLANS COLUMBIA COUNTY, FL

