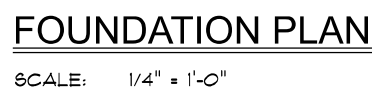
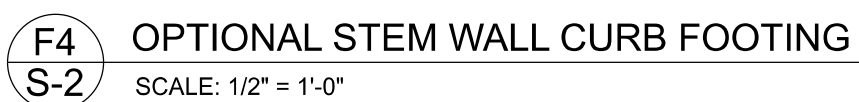
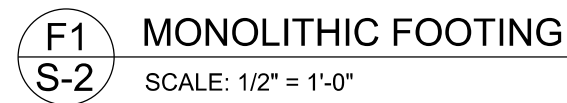


MASONRY NOTE: CONTRACTOR CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF SPECIFICATION FOR MASONRY STRUCTURES' (ACI 530.1/ASCE 6/IMS 602). THE CONTRACTOR AND MASON MUST IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530.1-02 AND THE REQUIREMENTS OF THIS SPECIFICATION. ANY EXCEPTIONS TO ACI 530.1-02 MUST BE APPROVED BY THE ENGINEER IN WRITING.	
	Specific Requirements If blocks specified, minimum Fm = 1500 psi ASTM C 270, Type N, UNO ASTM C 476, admixtures require approval ASTM C 90-02, Normal weight, Hollow, red brick, surface finish, 8" nominal, turning block, 16"x16"x16" or 16"x16"x16" column block ASTM C 216-02, Grade SW, Type FBS, .55x2.75x11.5"
1.4A	Compressive strength
1.4	Mortar
2	Grout
3	CMU standard
3.2	Clay brick standard
4	Reinforcing bars, #3 - #11
2.4F	Coating for corrosion protection
2.4F	Coating for corrosion protection
3.3.E.2	Pipes, conduits, and accessories
3.3.E.7	Movement joints



FOUNDATION NOTES	
FN - 1	DIMENSIONS ON FOUNDATION & STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS. RECESSES IN SLAB, STEP DOWNS, ETC. DISCOWAY DESIGN GROUP OR MURPHY DISCOWAY, PC IS RESPONSIBLE FOR DIMENSION ERRORS ON THIS PLAN.
FN - 2	CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING IN ALL AREAS BY REVIEWING THE ROOF TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN.
FN - 3	THE SLAB SHALL BE: 4" CONCRETE SLAB REINFORCED W/ #4 WELDER BARS @ 12" ON CENTER. MIN. 18" @ 1 1/2" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY TAPER BARRIER W/ 6" LAPS SEALED W/ POLY TAPES OVER URETHANE-TREATED & COMPACTED FILL (ALSO, ANY OTHER EPOXY APPROVED THERMITE-TREATMENT METHOD CAN BE USED INSTEAD).

**IF FOUNDATION IS ON A STEEP SLOPE
CONTACT ENGINEER BEFORE CONSTRUCTION
FOR ADDITIONAL ENGINEERING**

Erkinger Construction Group
Paul R. and Jennifer L. Beatty
Residence

PARCEL ID#
07-5S-16-03487-006(17081)

PROJECT ADDRESS:
566 Grassland Way
Lake City, FL 32024
Columbia County

Mark Disosway FL PE 53915
This item has been digitally signed and sealed by
Mark Disosway PE on digital signature date.
Printed copies of this document are not considered
signed and sealed and the signature must be
verified on any electronic copies.

DIMENSIONS:
 Stated dimensions supercede scaled dimensions. Refer all questions to Mark Disosway, P.E. for resolution. Do not proceed without clarification.

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CERTIFICATION: I hereby certify that I have examined this plan, and that the applicable portions of the plan, relating to wind engineering comply with the 8th Edition Florida Building Code Residential (2023) to the best of my knowledge.

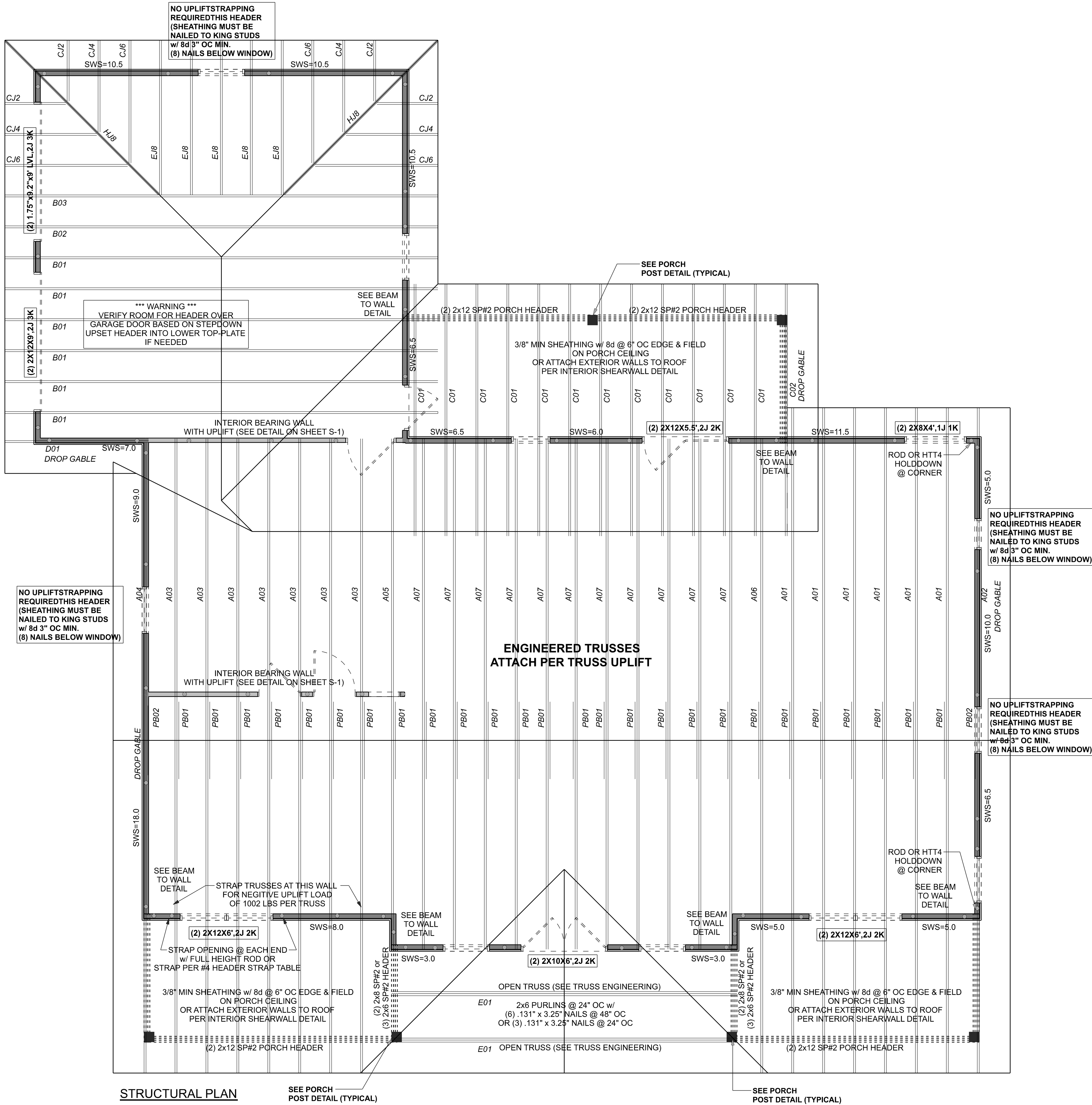
LIMITATION: This design is valid for one building, at specified location.

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386.754.5419
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JOB NUMBER:
250833

S-2

OF 3 SHEETS



STRUCTURAL PLAN
SCALE: 1/4" = 1'-0"

STRUCTURAL PLAN NOTES

- SN-1 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-2 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSI1-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

ACTUAL vs REQUIRED SHEARWALL

	TRANSVERSE	LONGITUDUNAL
ACTUAL	25938 LBF	21780 LBF
REQUIRED	21200 LBF	17907 LBF

⊕ = OPTIONAL ROD PLACEMENT
SEE ROD STRAPPING OPTION DETAIL ON S-1

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER, SEMINOLE TRUSSES, INC JOB #B61608R

HEADER LEGEND

- (2) 2X6X0', 1J 1K ——— HEADER/BEAM CALL-OUT (U.N.O.)
- ↑ ↑ ↑ ↑ ↑ NUMBER OF KING STUDS EACH SIDE OF OPENING (FULL LENGTH)
- ↑ ↑ ↑ ↑ ↑ NUMBER OF JACK STUDS EACH SIDE OF OPENING (UNDER HEADER)
- ↑ SPAN OF HEADER
- ↑ SIZE OF HEADER MATERIAL
- ↑ NUMBER OF PILES IN HEADER

UNLESS NOTED OTHERWISE (MINIMUM REQUIERMENTS) ***SEE STRUCTURAL PLAN FOR ANY SPECIFIC CALL OUTS***	
BEAM / HEADERS (SIZE)	ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X6 SP #2 (UNO)
HEADERS (JACK & KING STUDS)	ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (UNO)
HEADERS (STRAPPING)	ALL HEADERS w/ UPLIFT TO BE STRAPPED OR SCREWED DOWN w/ MIN. OPTION #1 OR OPTION #3 (SEE DETAIL ON SHEET S-1) (U.N.O.) 1/2" X 10" ANCHOR BOLT w/ 3" X 3" X 1/4" WASHER MUST BE LOCATED WITHIN 6" OF KING STUD @ ALL DOOR LOCATIONS (U.N.O.)
JACK STUDS UNDER GIRDER TRUSS USE ONE JACK STUD GIRDER SUPPORT PER 2000 LB LOAD	

Erkinger Construction Group
Paul R. and Jennifer L. Beatty
Residence
PARCEL ID# 07-5S-16-03487-008(17081)
PROJECT ADDRESS: 566 Grassland Way
Lake City, FL 32024
Columbia County

Mark Discoway FL PE 53915
This item has been digitally signed and sealed by Mark Discoway PE on digital signature date.
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DIMENSIONS:
Stated dimensions supersede scaled dimensions. Refer all questions to Mark Discoway, P.E. for resolution. Do not proceed without clarification.

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LIMITATION: This design is valid for one building, at specified location.

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JOB NUMBER:
250833

S-3
OF 3 SHEETS