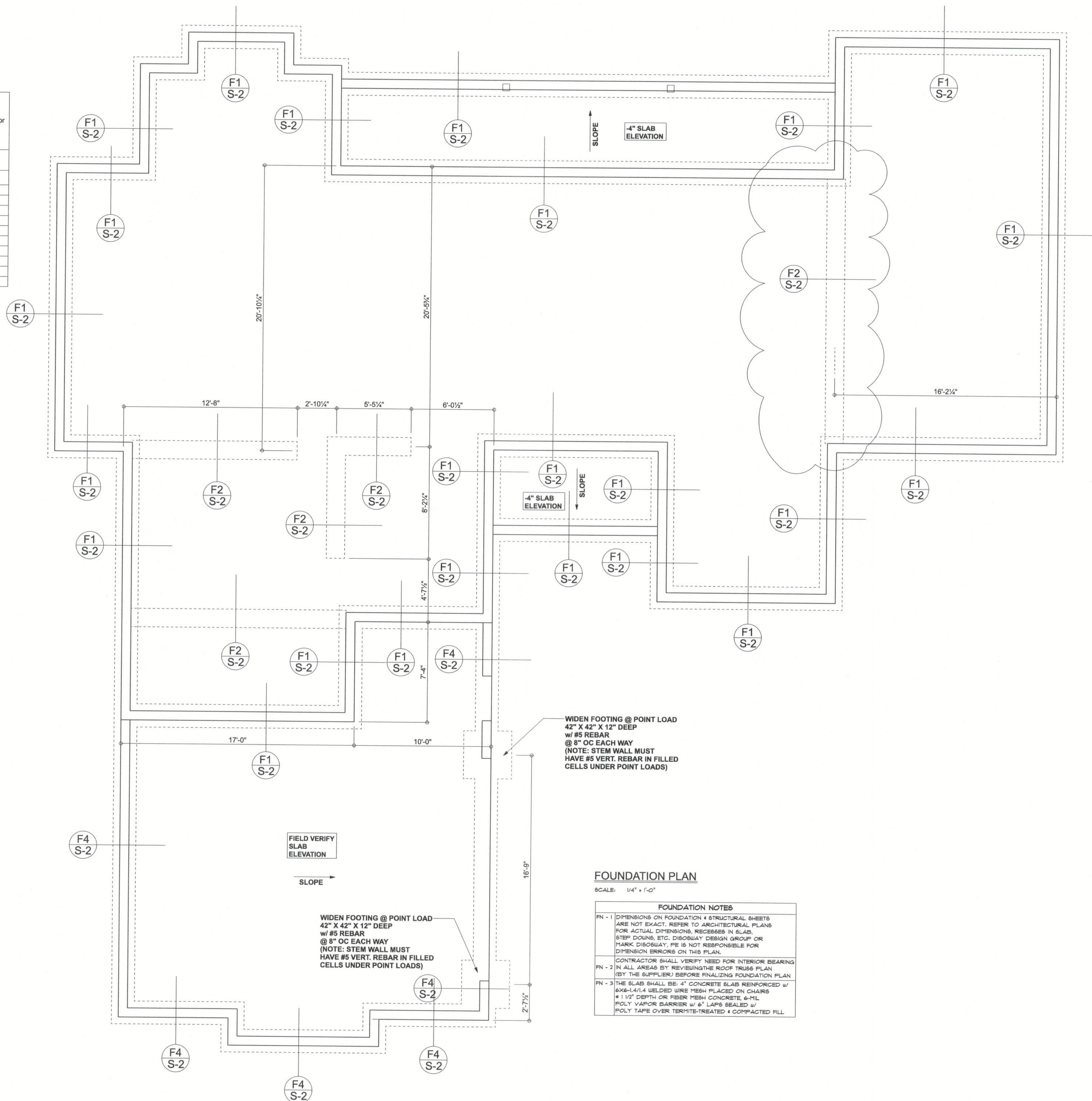
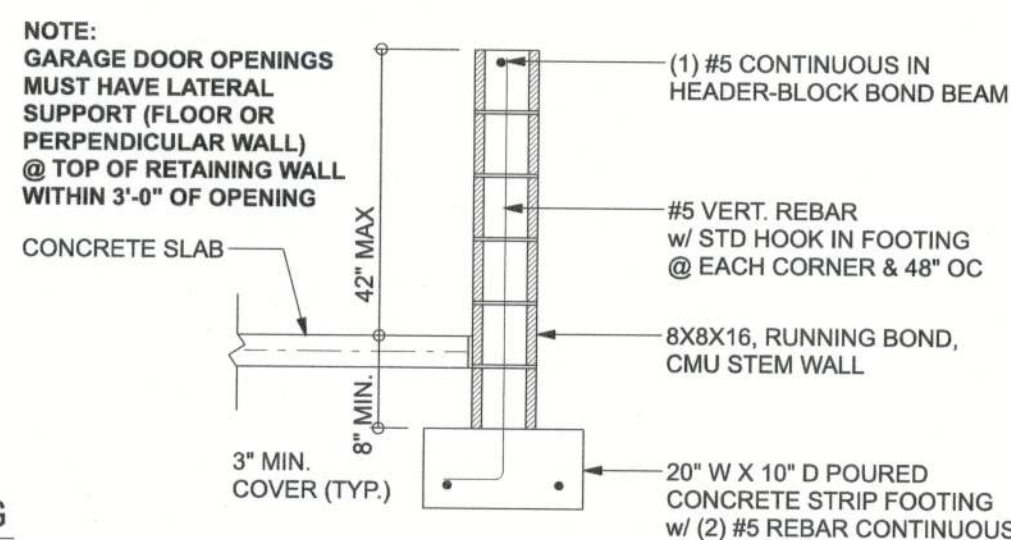


STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	40	80	96	80	96	96
6.7	6.3	32	56	80	56	96	96
7.3	7.0	24	40	56	40	80	96
8.0	7.7	16	32	48	32	64	80
8.7	8.3	8	24	32	24	48	64
9.3	9.0	8	16	24	16	40	48

MASONRY NOTE: MASONRY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 8/ETCS 602) FOR THE CONTRACTOR AND MASON. ALL MATERIALS MUST BE APPROVED PRECEDING. NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530.1-02 and THESE DESIGN DRAWINGS. ANY EXCEPTION TO ACI 530.1-02 MUST BE APPROVED BY THE ENGINEER IN WRITING.	
	Specific Requirements
1.AA	Compressive strength
2.1	8" block bearing walls (F _m = 1500 psi)
2.2	ASTM C 270, Type I, UNO
2.3	ASTM C 478, 479, masonry surface repair
2.4	ASTM C 90-02, Normal weight, Hollow, medium surface finish, 8"x8"x16" running and 12"x12"x16" (16"x16" column block
2.3	ASTM C 216-02, Grade SW, Type FBS, 8"x8"x12"x12"
2.4	ASTM E16, Grade 40, (F _y = 40 ksi), Lap splice min 40" max 64", (25" for 40")
2.4F	Reinforcing bars, #3 - #11
2.4F	Coating for corrosion protection
2.4F	Coating for corrosion protection
2.4F	Coating for corrosion protection
3.E.2	Pipes, conduits, and accessories
3.E.7	Movement joints

BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL



WIDEN FOOTING @ POINT LOAD
42" X 42" X 12" DEEP
w/ #5 REBAR
@ 8" OC EACH WAY
(NOTE: STEM WALL MUST
HAVE #5 VERT. REBAR IN FILLED
CELLS UNDER POINT LOADS)

FOUNDATION PLAN

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

FOUNDATION NOTES	
FN - 1	DIMENSIONS ON FOUNDATION & STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS. RECESSES IN SLAB, STEPS, DOWNS, ETC. DISMAY DESIGN GROUP OR HATCHES. RECESSES, FIRE RESISTANT JOINTS, ETC. FOR DIMENSION ERRORS ON THIS PLAN.
FN - 2	CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING IN ALL AREAS BY REVISUING THE ROOF TRUSS PLAN BY THE SUPPLIER. SEE SUPPLIER'S FOUNDATION PLAN.
FN - 3	THE SLAB SHALL BE 4" CONCRETE SLAB REINFORCED W/ 6X6-4/14 WELDED WIRE MESH PLACED ON CHAIRS @ 1/2" DEPTH OR FIBER MESH CONCRETE, 6-MIL POLY PROP. BARRIER BENEATH SLAB. REINFORCED W/ POLY. TAPES OVER TERMITE-TREATED, COMBUSTIBLE FILL.

Gibraltar Contracting, LLC

James & Tara Gabriel Res.

PROJECT ADDRESS:
1023 SW Cumorah Hill Street,

FL PE 53915

This item has been digitally signed and sealed by Mark Disoway 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 scale 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 7th Edition Florida Building Code Residential (2020) to the best of my knowledge.

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

Mark Disosway P.E.
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Lake City, Florida 32025
386.754.5419
disoswaydesign@gmail.com

JOB NUMBER:
230799

S-2
OF 3 SHEETS