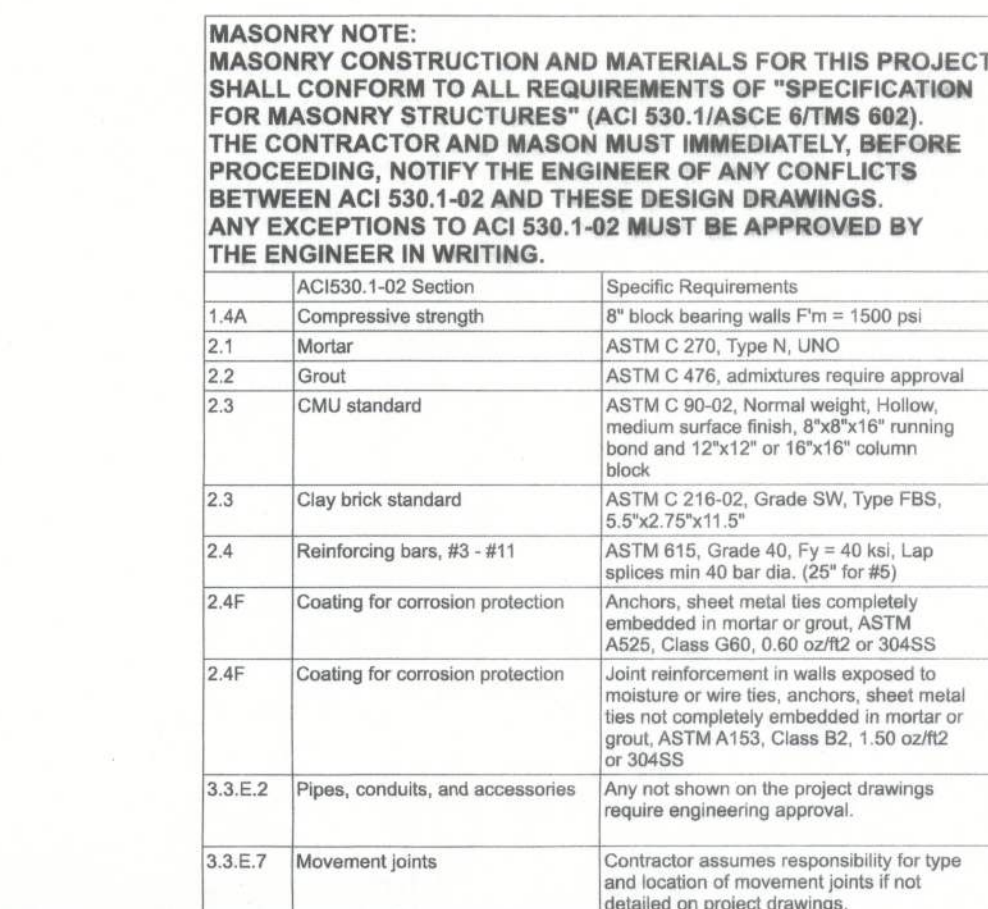


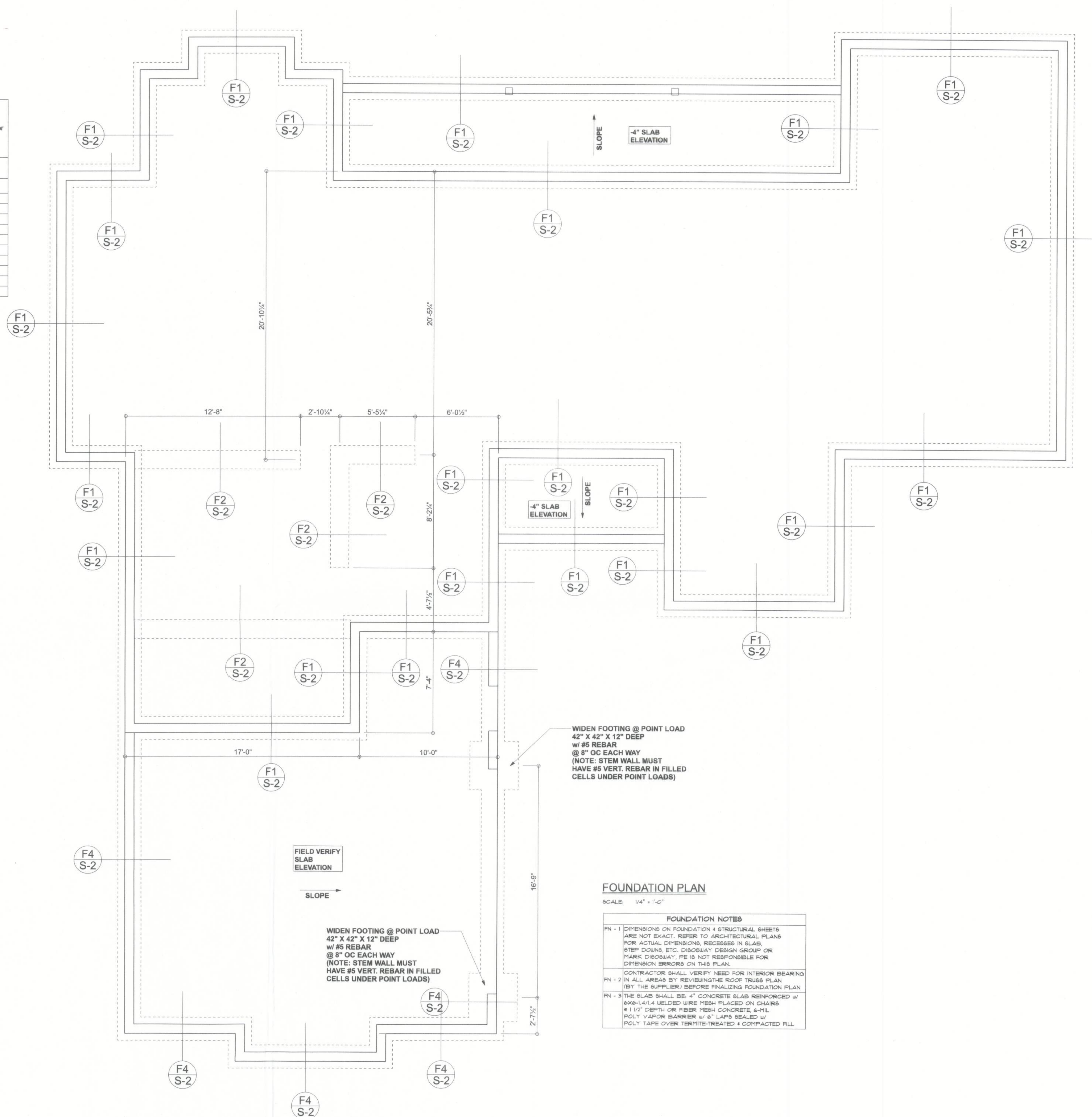
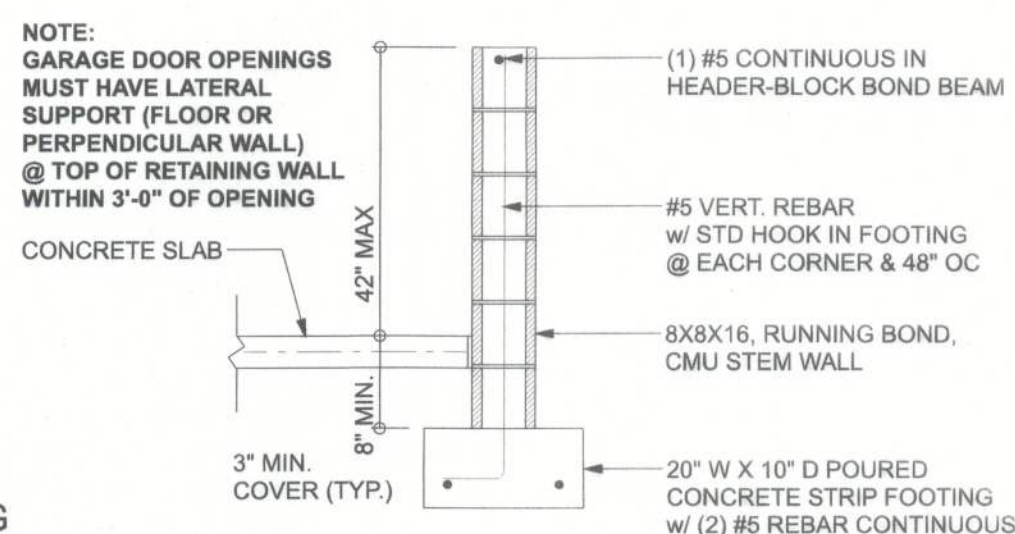
TALL STEM WALL TABLE:

The table assumes 40 #5 rebar and 60 ksi for #7 & #8 rebar with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Durowall lateral reinforcement at 16"OC vertically or a horizontal bent bar with the continuing mid height. For taller parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

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



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



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, STEP DOWNS, ETC. DISCREPANCY DESIGN GROUP OR MASTER DISCREPANCY FIELD. CONTRACTOR 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 OF THE ROOF TRUSS.
FN - 3	THE SLAB SHALL BE 4" CONCRETE SLAB REINFORCED w/ 6X6@4'-4" LAID VERTICAL W/ MESH PLACED ON CHAIRS @ 1/2" DEPTH OR FIBER MESH CONCRETE 6-MIL FOLT VAPOR BARRIER w/ 6" LAPS SEALED w/ TAPE OVER/UNDER TAPES. SEE FOUNDATION PLAN.

Gibraltar Contracting, LLC

James & Tara Gabriel Res.

PROJECT ADDRESS:
1023 SW Cumorah Hill Street,
E. White, FL 32024

FL PE 53915

This item has been ~~electronically~~ signed and sealed by Mark Deschway PE on digital signature date, . Printed copies of the document may not be considered signed and sealed and the signature must be verified on any electronic copy.

No 53915

STATE OF FLORIDA
PROFESSIONAL ENGINEER

DIMENSIONS:
Stated dimensions supercede scaled dimensions. Refer all questions to Mark Disoway, 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