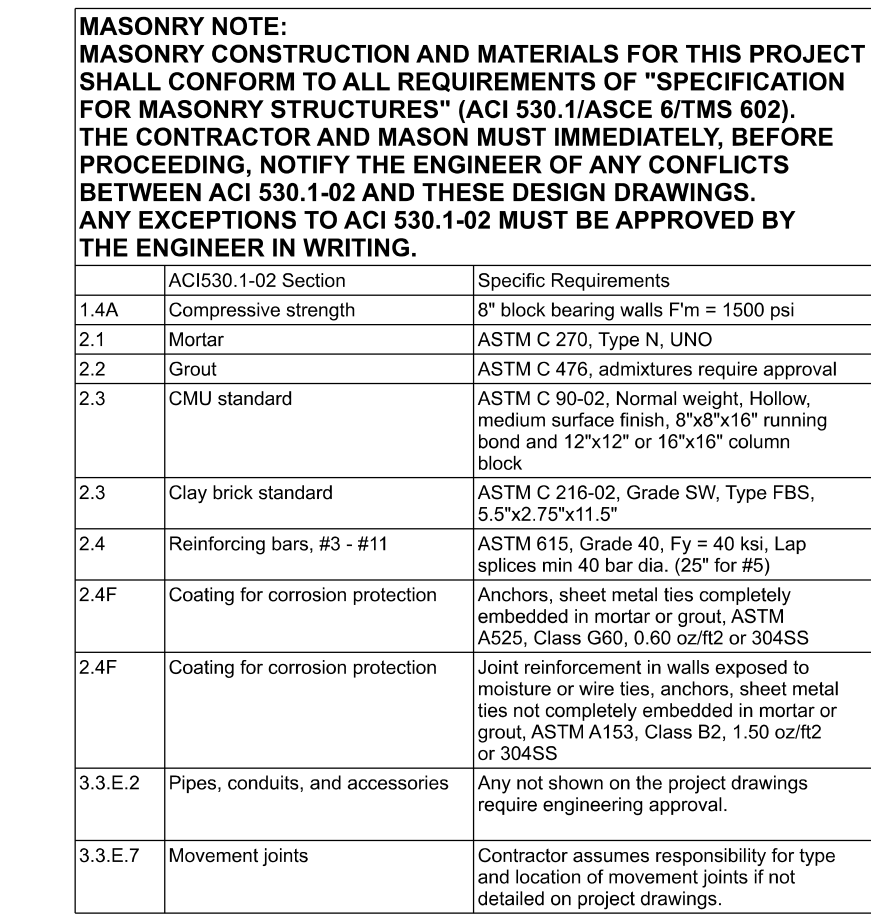
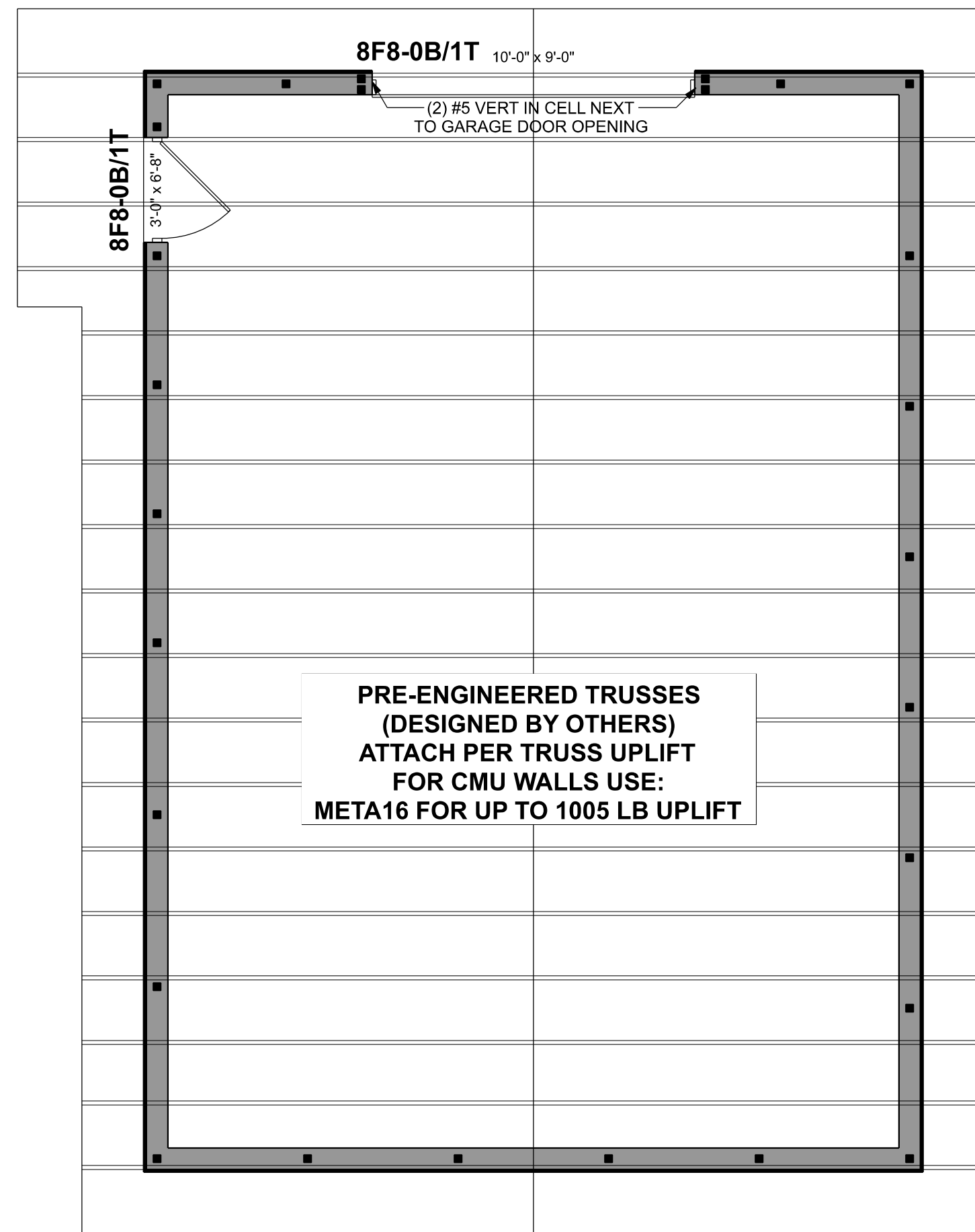
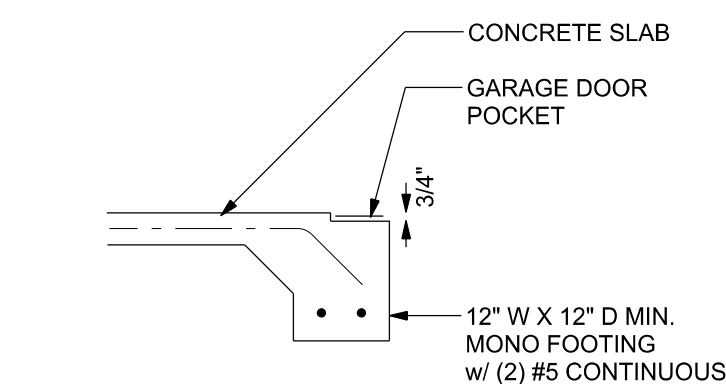
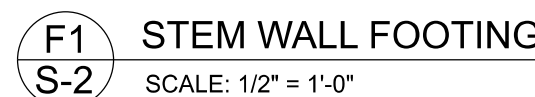
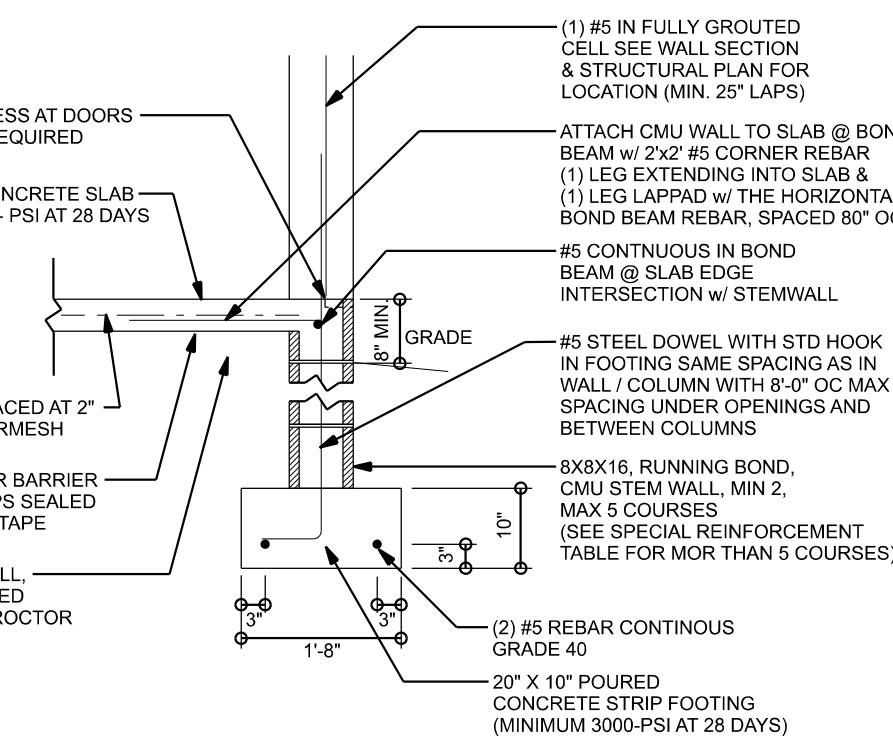
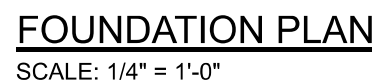




The table assumes 60 ksi reinforcing bars with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed under the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Durowall vertical reinforcement at 48"OC vertically or a horizontal bond beam with #4s continuous at mid height. For higher 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	



STRUCTURAL LAYOUT

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

1ST FLOOR TOTAL
SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	11.0'	38.0'
LONGITUDINAL	8.0'	62.5'

STRUCTURAL PLAN NOTES

- | | |
|------|---|
| SN-1 | ALL LINTEL LENGTHS MUST BE A MINIMUM EQUAL TO THE ROUGH OPENING WIDTH + REQUIRED BEARING FOR EACH END |
| SN-2 | DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS |
| SN-3 | PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BC031-03, BC031-1, BC031-2, BC031-3, BC031-4, BC031-5, BC031-6, BC031-7, BC031-8, BC031-9, BC031-10, BC031-11, BC031-12, & BC031-13. TRUSS BRACING IS TO BE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE |

Bryan Zecher Construction

Farnell Garage

PROJECT ADDRESS:
839 SW Seminole Ter
Lake City Florida 32024

DIMENSIONS: Stated dimensions supersede scaled dimensions. Refer all questions to Mark Dismway, 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.

DIGITAL SIGNATURE
ISSUED BY: IdenTrust

MARK DISOSWAY P.E. 53915

Monday, February 21, 2022

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JOB NUMBER:
220212

S-2
OF 2 SHEETS