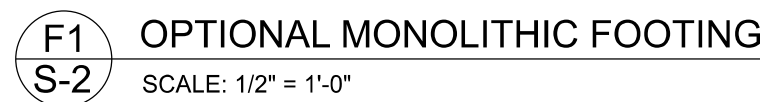
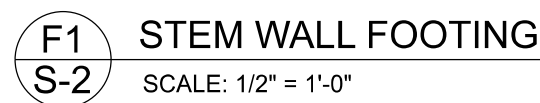


Note: For sheathing located a minimum of 4 feet from the perimeter edge of the roof, including 4 feet on each side of ridges and hips, nail spacing is permitted to be 6 inches on center along panel edges and 6 inches on center along intermediate supports in the panel field. Note: This table specifies the code minimum thickness of roof sheathing. The thickness of the sheathing may need to be increased based in the type of roofing material being used. See manufacturer Florida product approval.



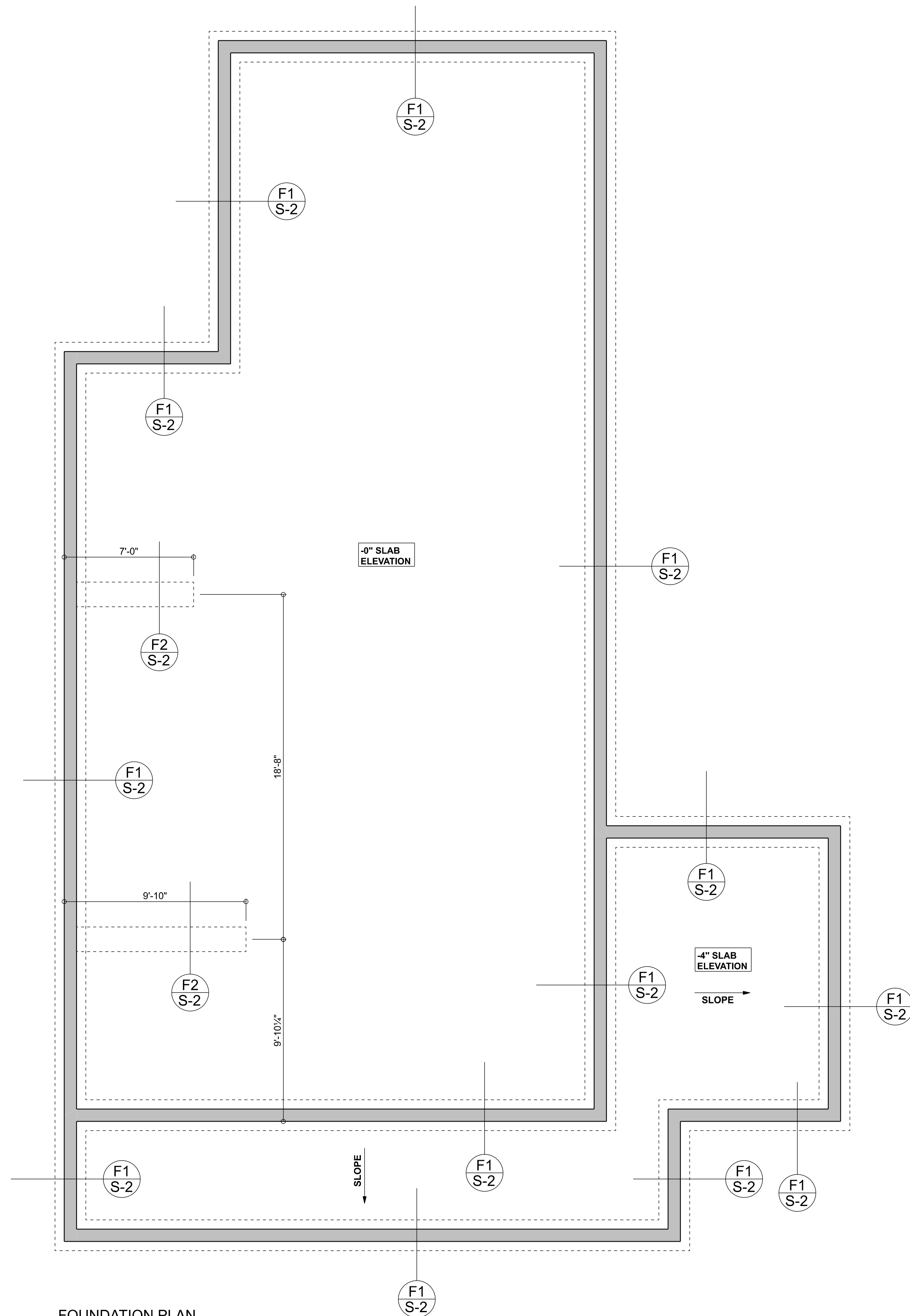
EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS:

THIS STUD HEIGHT TABLE IS PER 2012 WFCM, TABLE 3.20B5,



| 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 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>MASONRY NOTE:</b></p> <p><b>ALL MASONRY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 308.1-10) (ACI 308.2-10). THE CONTRACTOR AND MASON MUST IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 308.1-10/2 AND THESE DESIGN DRAWINGS. ANY EXCEPTION TO ANY ACI 308.1-10/2 MUST BE APPROVED BY THE ENGINEER IN WRITING.</b></p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>ACI308.1-10/2 Section</p> <p>1.AA Compressive strength</p> <p>2.1 Mortar</p> <p>2.2 Grout</p> <p>2.3 CMU standard</p> <p>2.3 Clay brick standard</p> <p>2.4 Reinforcing bars, #3 - #11</p> <p>2.4F Coating for corrosion protection</p> <p>2.4F Coating for corrosion protection</p>                                                                                                                                                            | <p>Specific Requirements</p> <p>ASTM C-90 bearing walls Fm = 1500 psi</p> <p>ASTM C-270, Type N, Type S</p> <p>ASTM C-476, admittures require approval</p> <p>ASTM C-90-02, normal surface, hollow, medium weight finish, 8"x8"x16" running bond and 12"x12"x16" 15" minimum block</p> <p>ASTM C-1161/02 Grade SW, Type FBS, 5.5"x2 1/2"x16" min</p> <p>ASTM B15, Grade 40, Fy = 40ksi, Lap 48" for bars 40 and 48"</p> <p>ASTM A618, Grade 50, Fy = 50ksi</p> <p>ASTM A618, Grade 60, Fy = 60ksi</p> <p>ASTM A618, Grade 80, Fy = 80ksi</p> <p>Joint reinforcement in walls exposed to moisture or wet sites, Class B2, 1/2" steel mesh not completely embedded in mortar or grout, ASTM A115, Class B2, 1/2" steel mesh or 304SS</p> <p>Any not shown on the project drawings require engineering approval.</p> <p>Contractor assumes responsibility for type and location of movement joints if not detailed on project drawings</p> |
| 3.3.E.2                                                                                                                                                                                                                                                                                                                                                                                                                                            | Pipes, conduits, and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 3.3.E.7                                                                                                                                                                                                                                                                                                                                                                                                                                            | Movement joints                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |



## 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, STEEL LAYING, ETC. DIMENSIONS OF DEBRIS OR MARK DISOWSAY, PE IS NOT RESPONSIBLE FOR DIMENSION ERRORS ON THIS PLAN.             |
| FN - 2 | CONTRACTOR SHALL VERIFY NEED FOR REINFORCING IN AREAS BY BEING INFORMED OF THE TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN                                                                                                                    |
| FN - 3 | THE SLAB SHALL BE: 4" CONCRETE SLAB REINFORCED W/ 6X0.1 A14 WELDED WIRE MESH PLACED ON CHAIRS 6" DEPTH OR FIBER REINFORCED CONCRETE 6-8 MIL POLY TAPE OVER TERMITE-TREATED & COMPACTED FILL. ANY OTHER METHOD OF TERMITE-TREATMENT METHOD CAN BE USED (INSTEAD). |

Amira Custom Homes

Morse Res.

**PROJECT ADDRESS:**  
125 SW Hawaii Terrace  
Fort White, FL 32038

**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. 53915

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Tuesday, May 10, 2022

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JOB NUMBER:  
220567

**S-2**

OF 3 SHEETS

