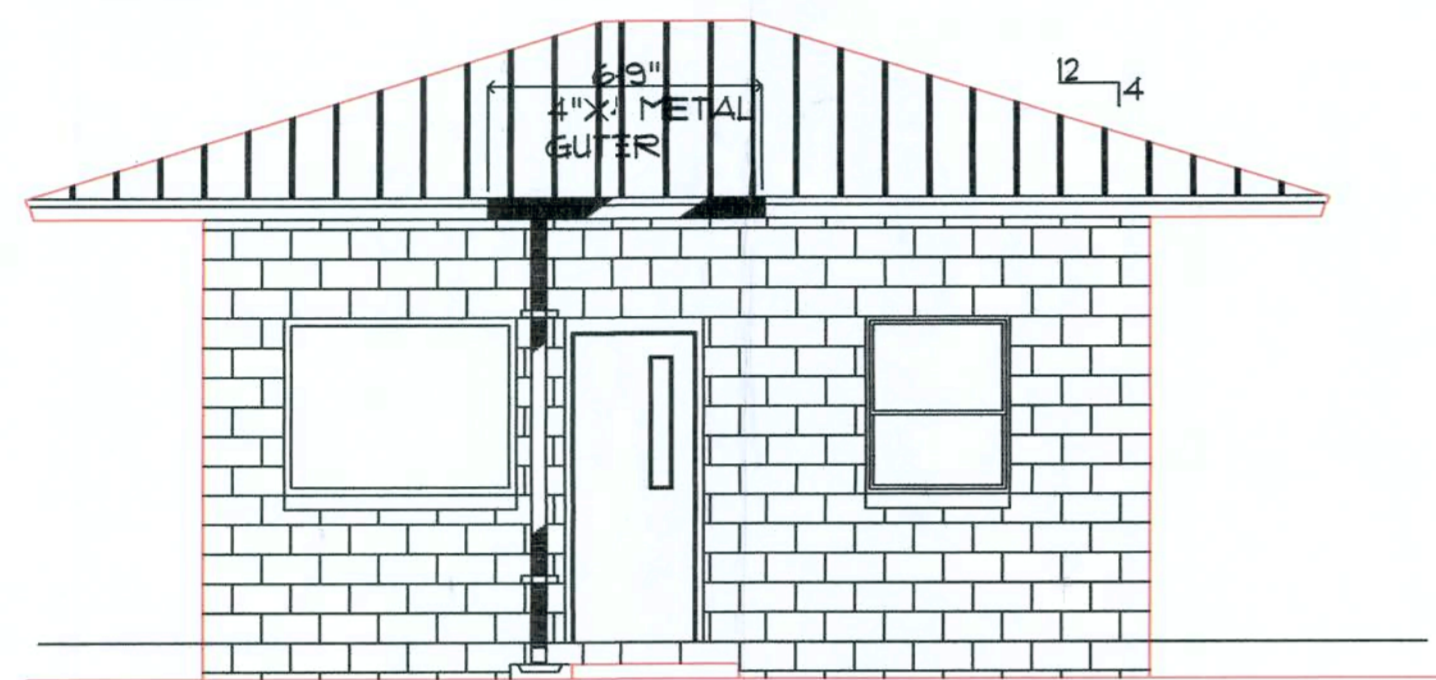
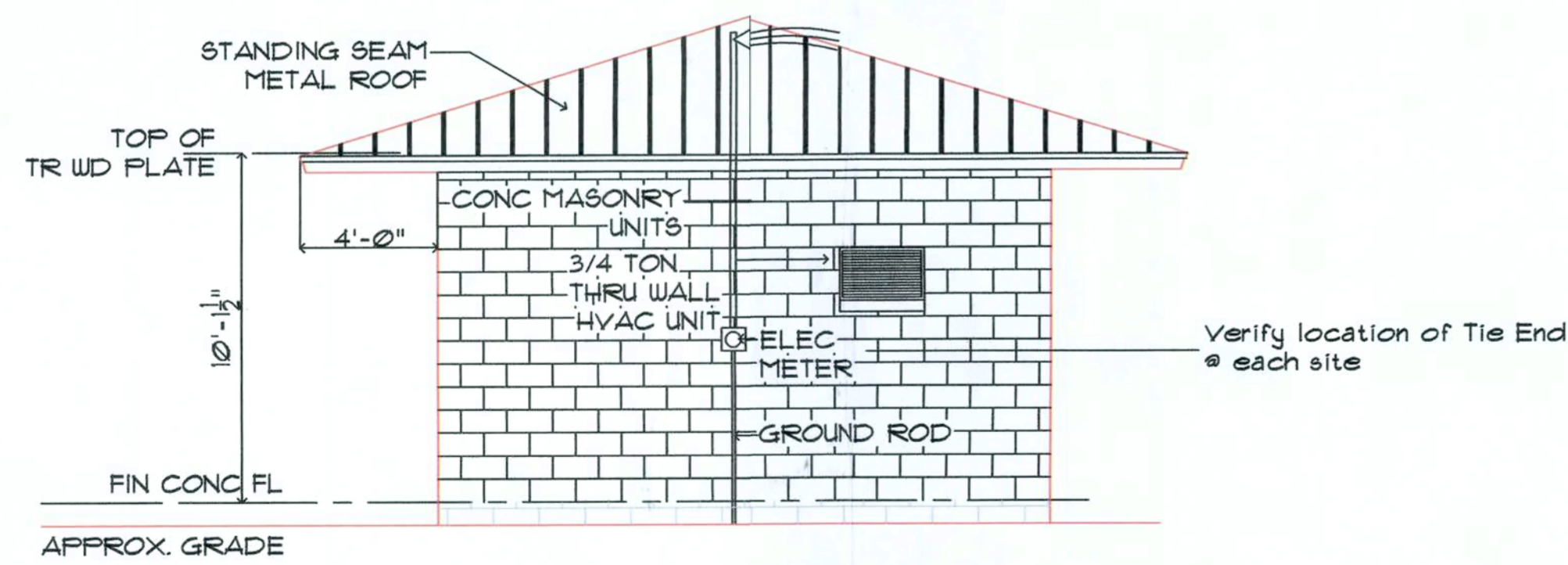


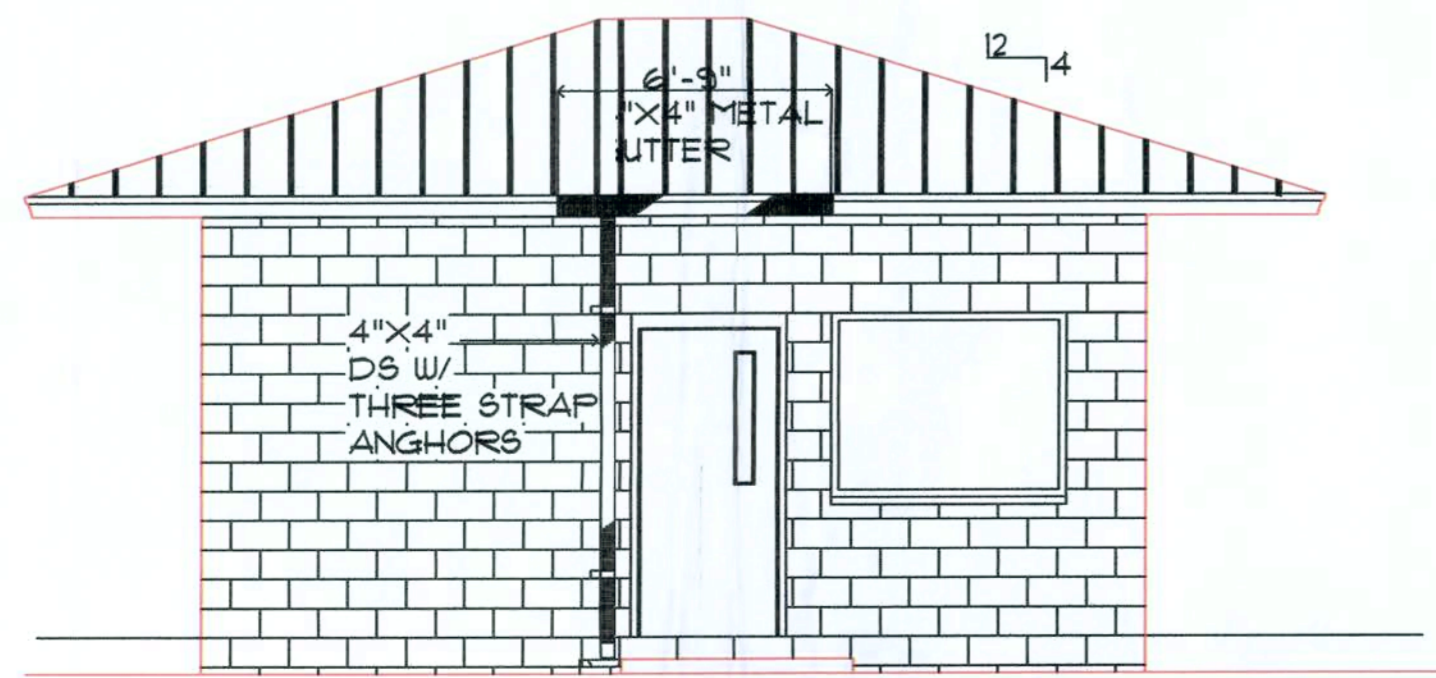
FRONT ELEVATION
SC 1/4" = 1'-0"



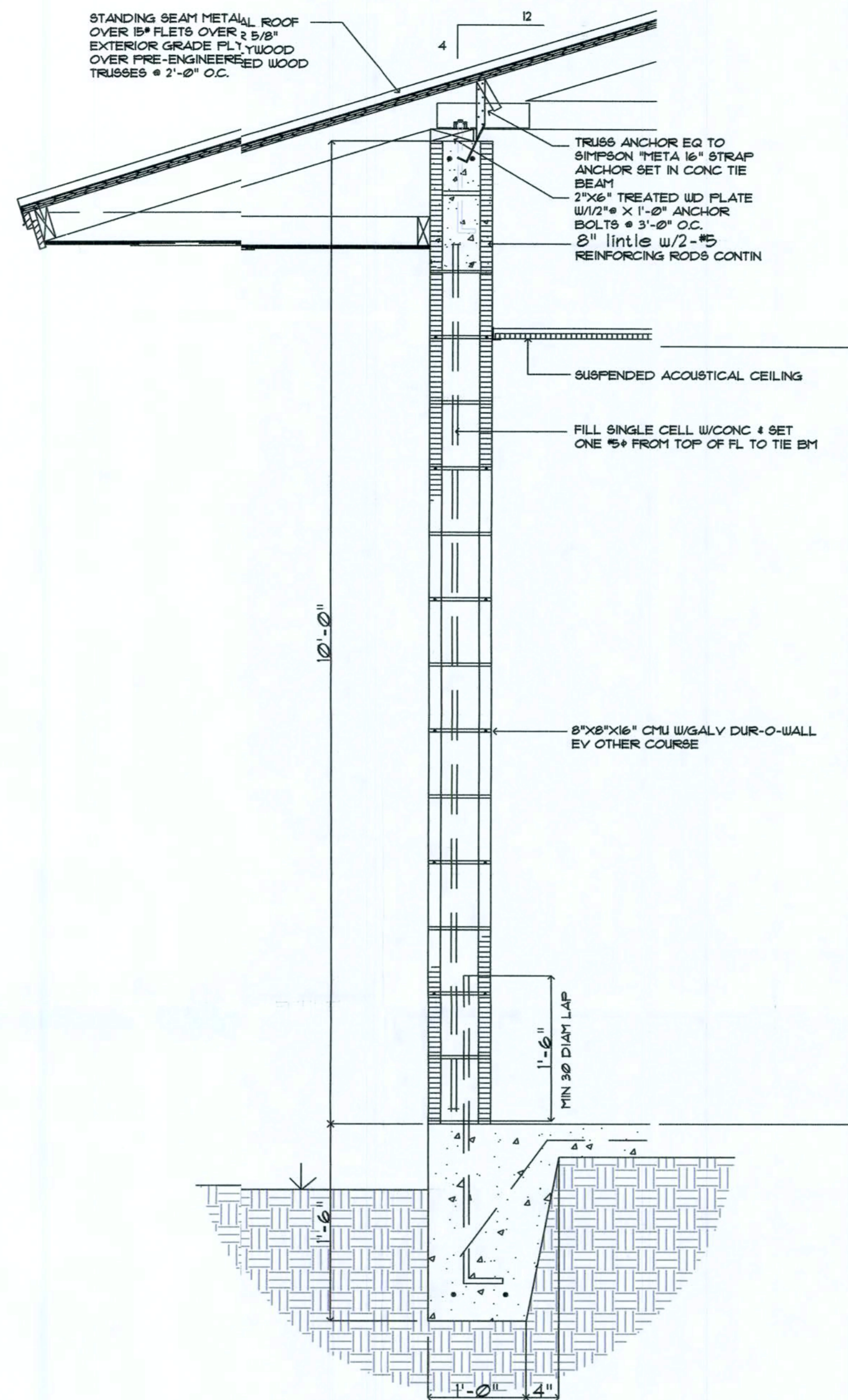
RIGHT SIDE ELEVATION
SC 1/4" = 1'-0"



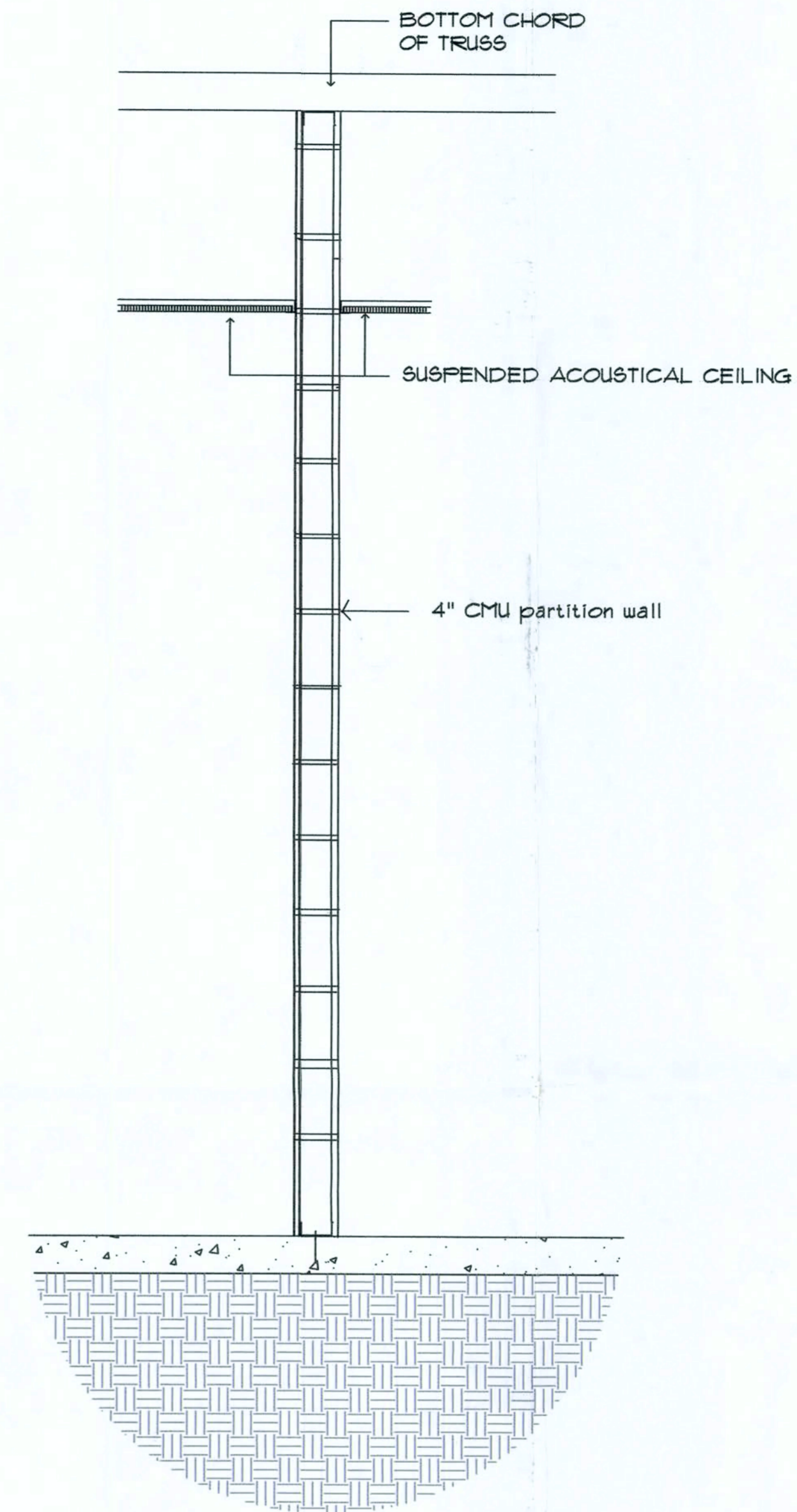
REAR ELEVATION
SC 1/4" = 1'-0"



LEFT SIDE ELEVATION
SC 1/4" = 1'-0"



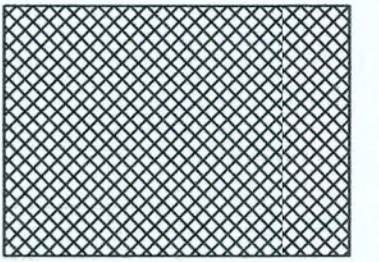
TYPICAL WALL SECTION
SC 1" = 1'-0"



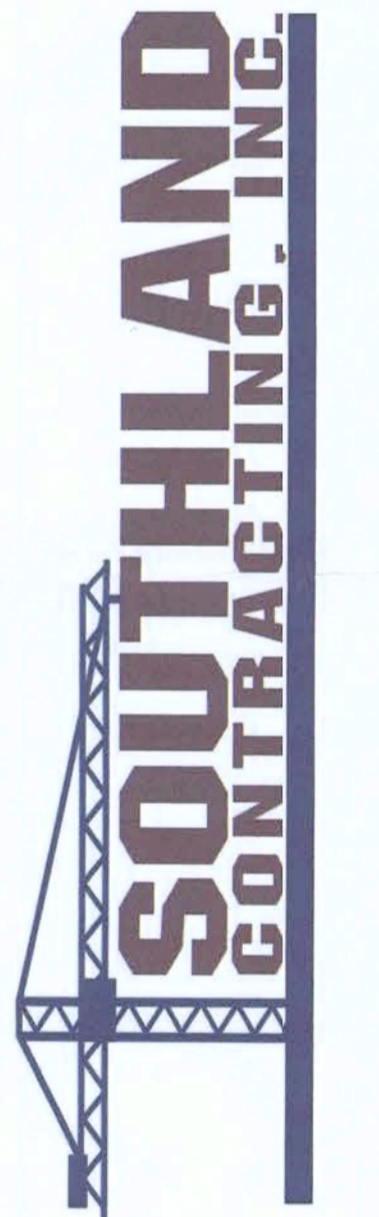
TYPICAL CMU STUD WALL
SC 1" = 1'-0"

PROJECT: DEPARTMENT OF AGRICULTURE INSPECTION STATION #1, #2, #3

TITLE: EXTERIOR ELEVATIONS & BUILDING SECTIONS



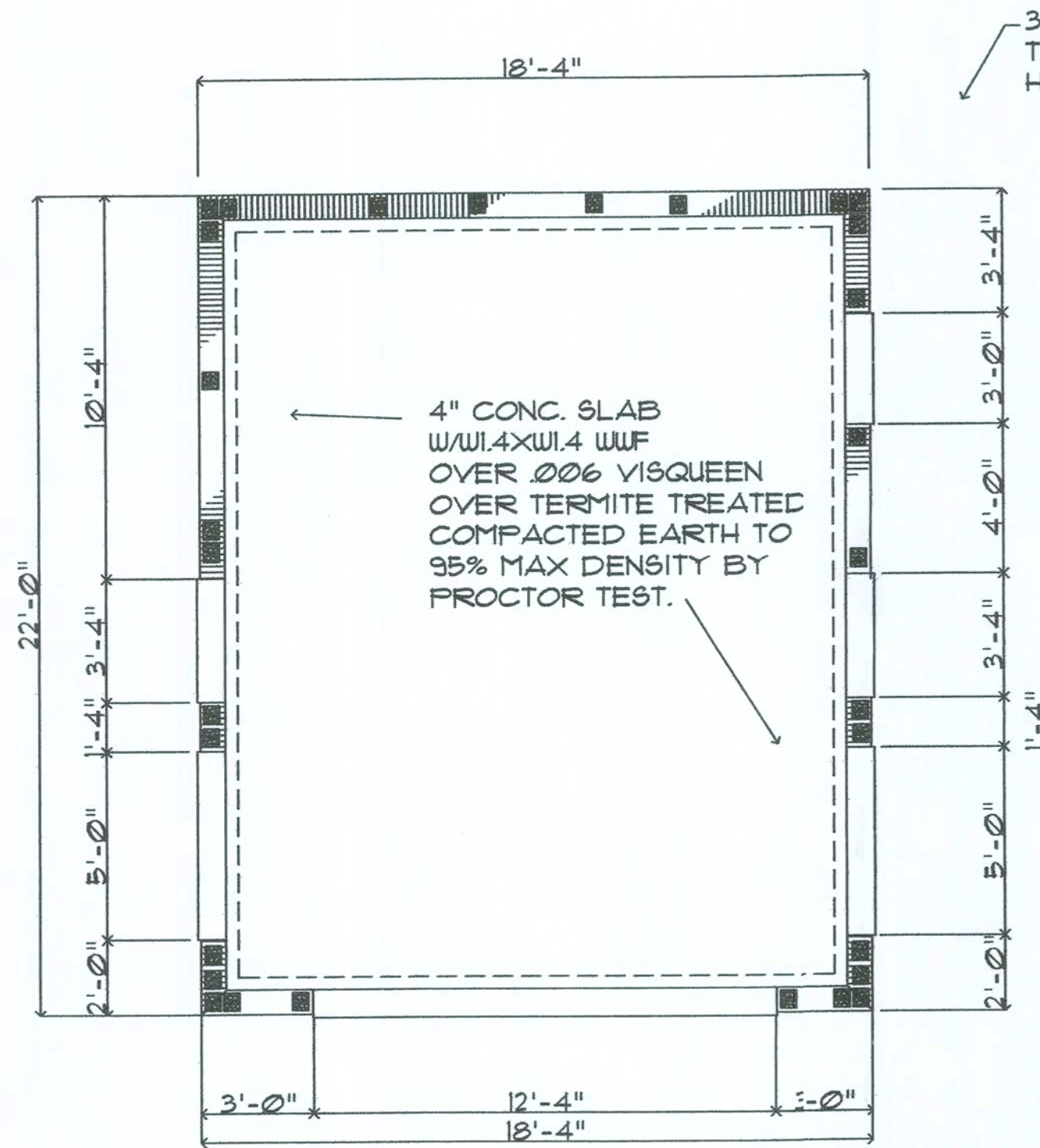
BATTS ENGINEERING CO.
CONSULTING ENGINEER
151 OJIBWA NORTH
MONTICELLO, FL 32344
(850) 251-3082



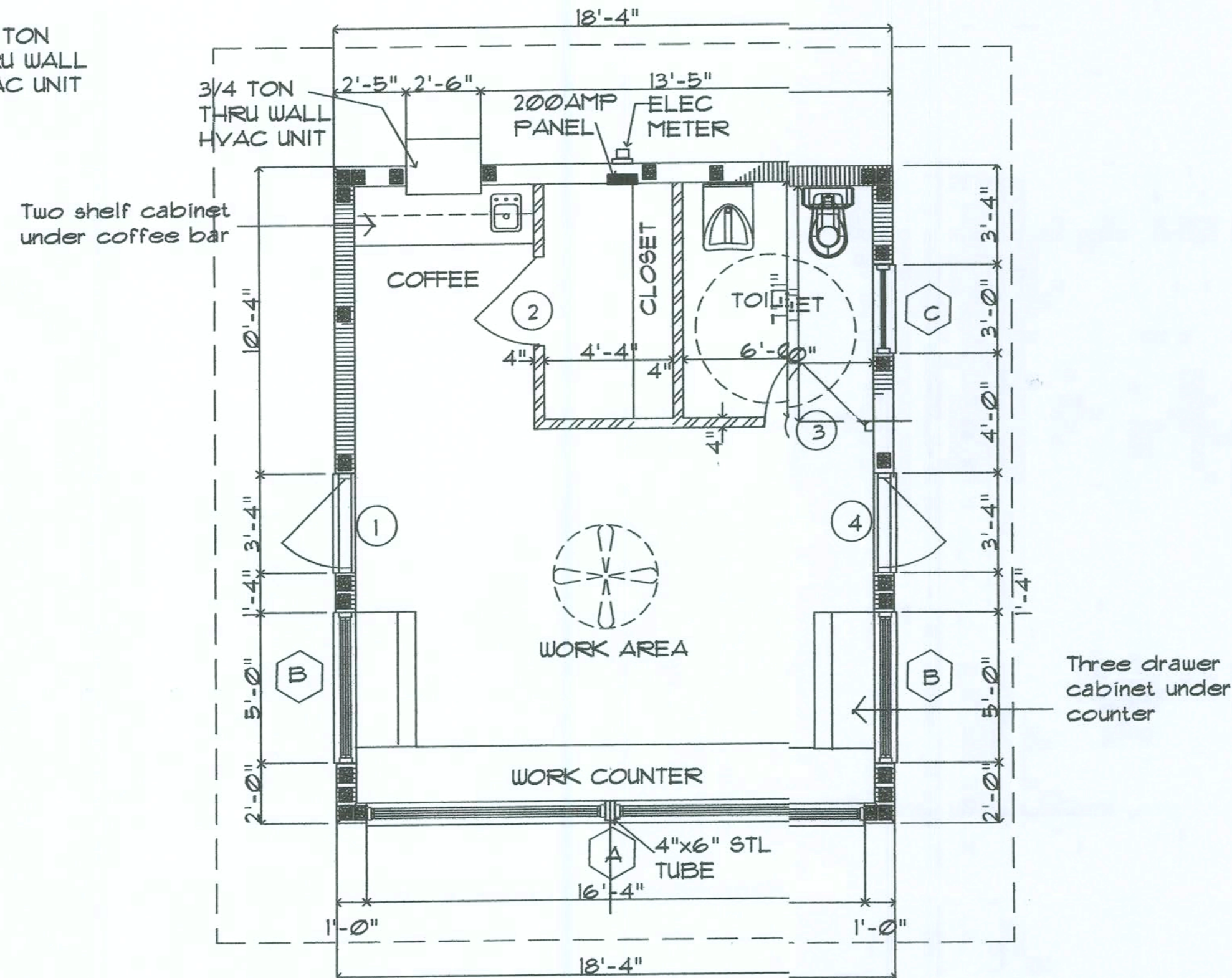
DAVID H. BATTS
CIVIL & STRUCTURAL
ENGINEER
151 OJIBWA NORTH
MONTICELLO, FL 32344
(850) 251-3082



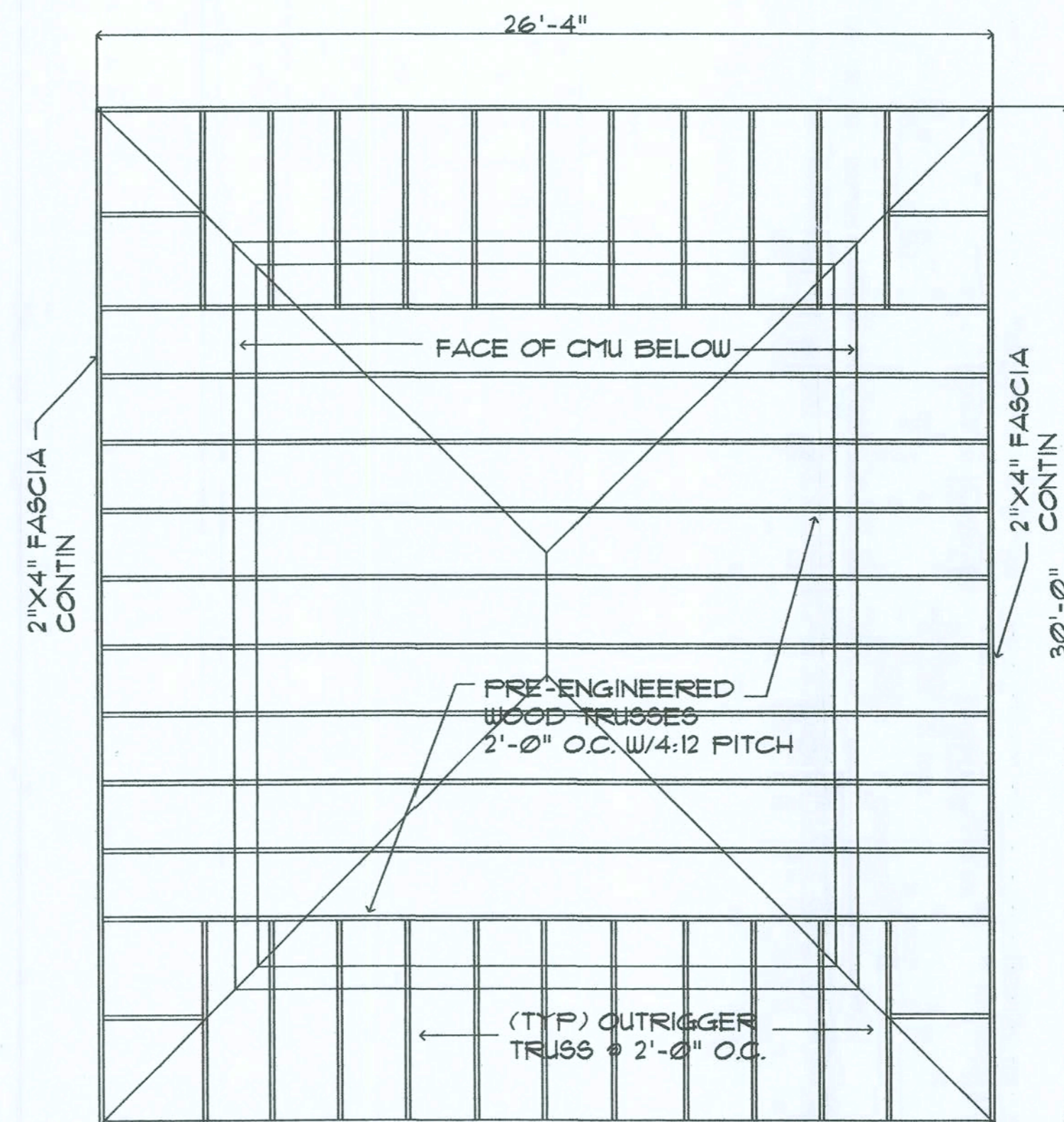
DATE:	
DESIGN BY:	DLB
DRAWN BY:	MHA
REVISED:	
JOB NUMBER:	
SHEET NUMBER	A2.0



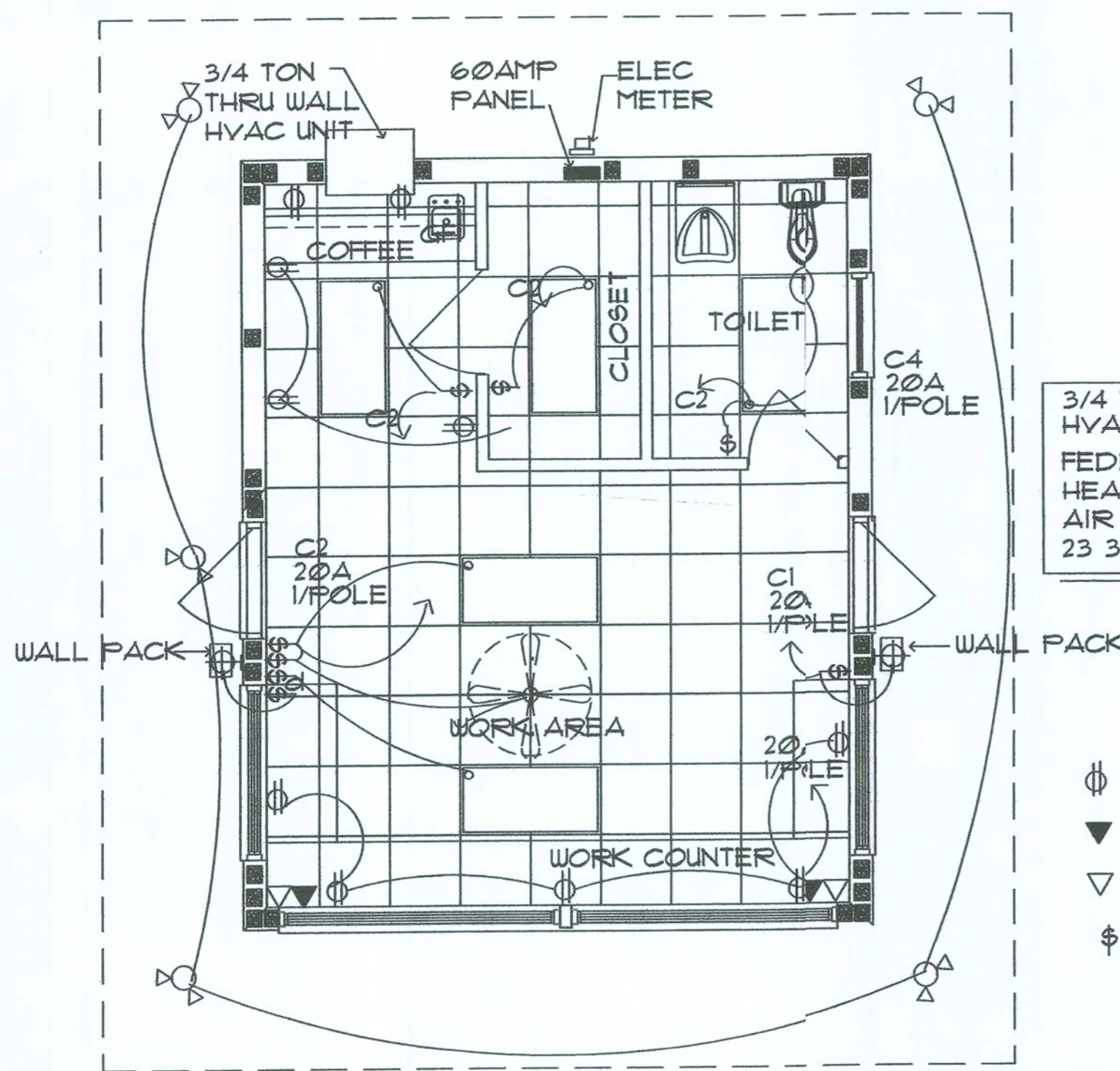
FOUNDATION PLAN
SC 1/4" = 1'-0"



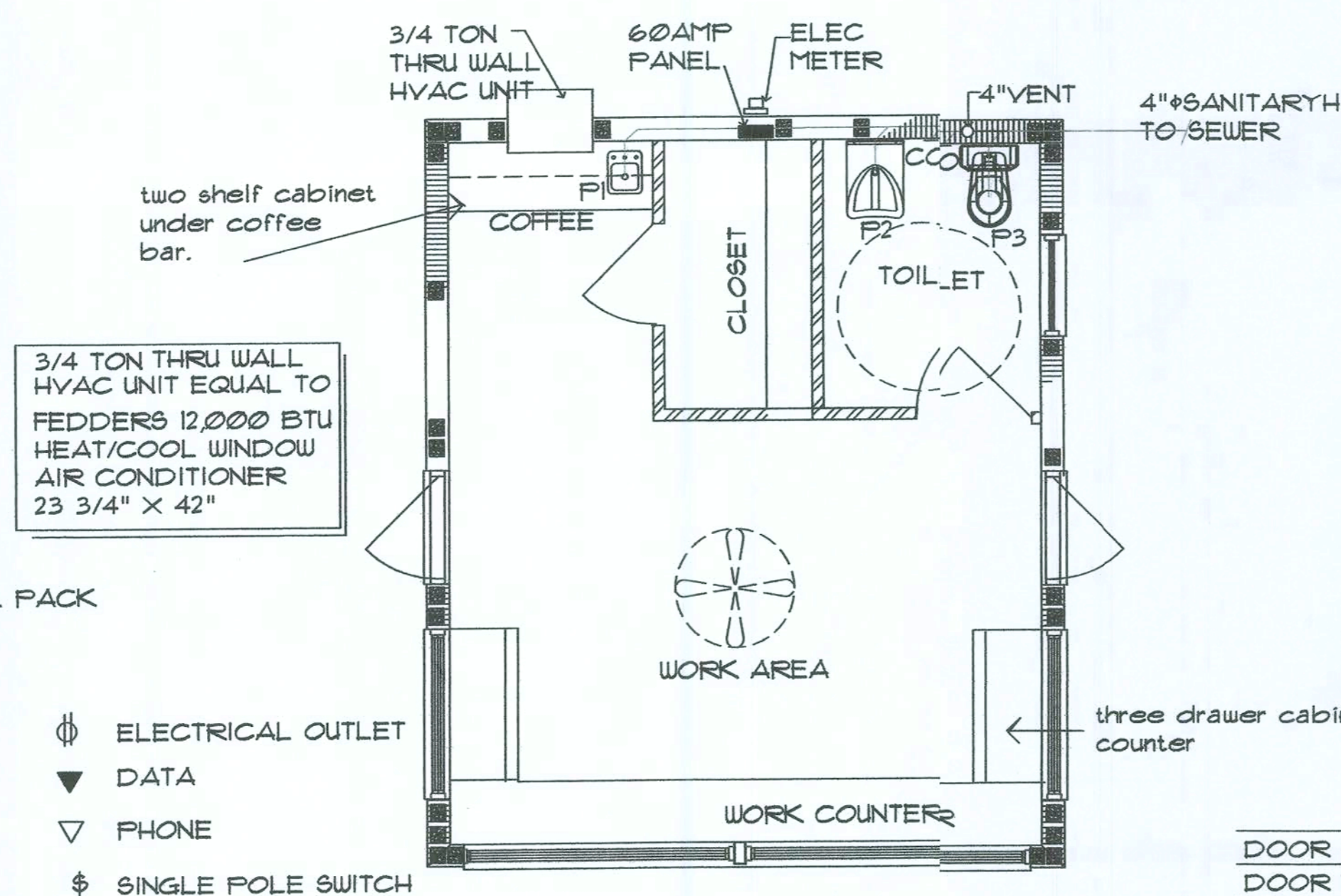
FLOOR PLAN
SC 1/4" = 1'-0"



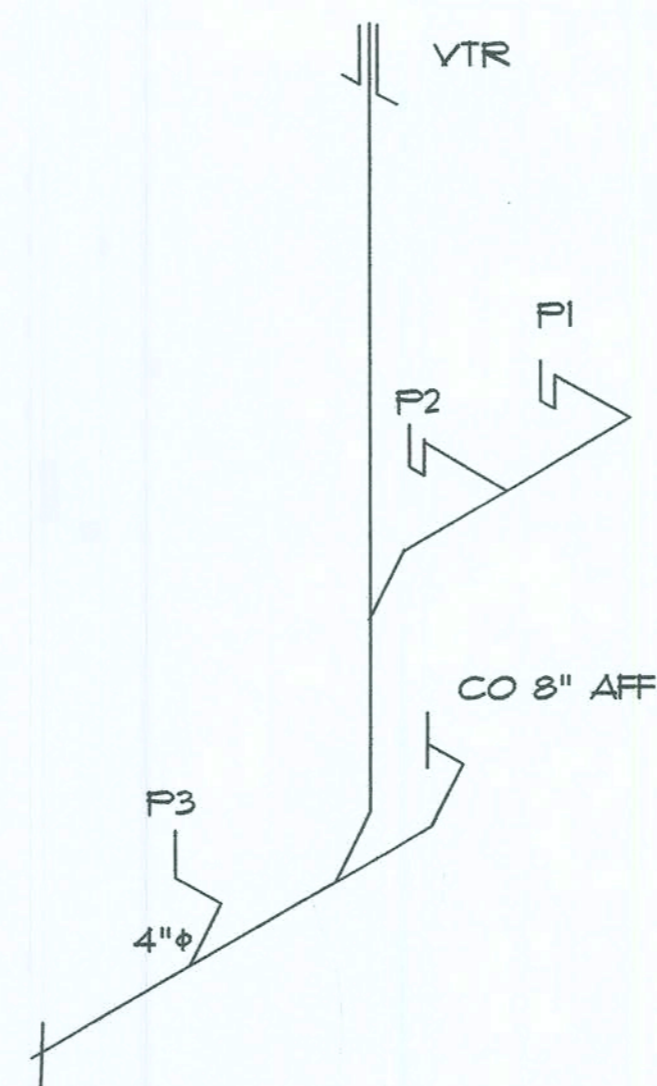
ROOF FRAMING
SC 1/4" = 1'-0"



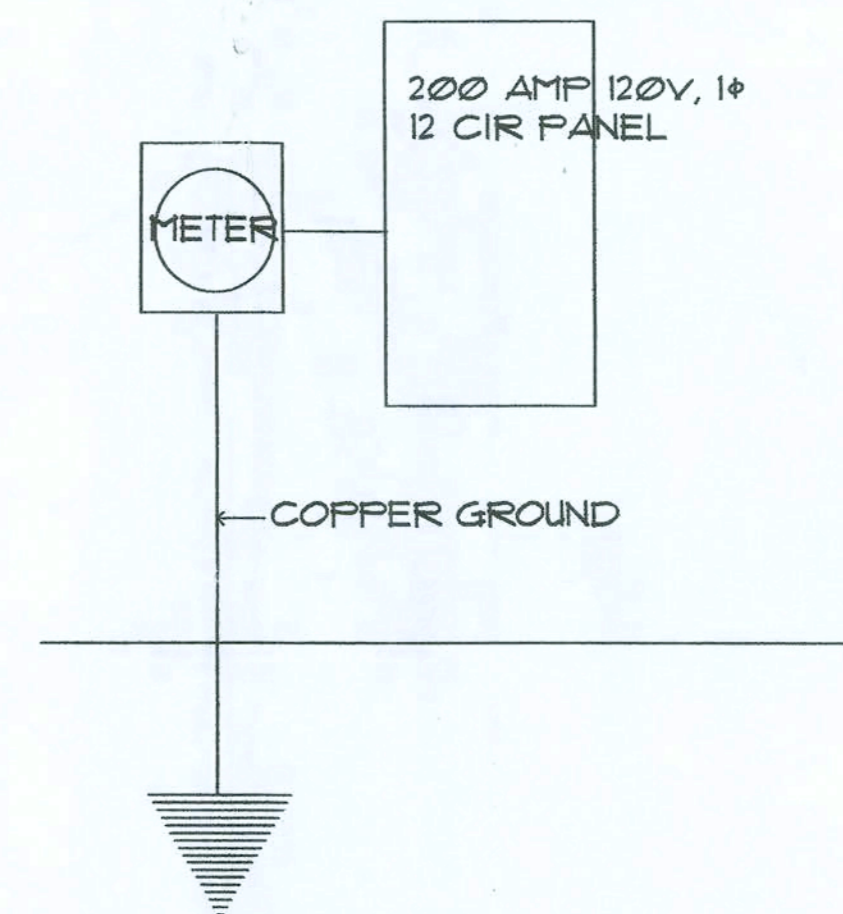
ELECTRICAL PLAN
SC 1/4" = 1'-0"



PLUMBING PLAN
SC 1/4" = 1'-0"



PLUMBING RISER
SC 1/4" = 1'-0"



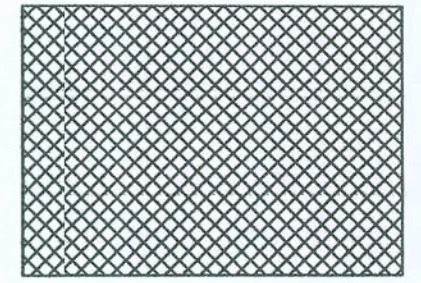
ELECTRICAL RISER
SC 1/4" = 1'-0"

DOOR SCHEDULE		
DOOR NO.	SIZE	DESCRIPTION
(1)	1 3/4"X3'-0"X1'-0"	HOLLOW METAL FLUSH
(2)	1 3/4"X3'-0"X1'-0"	SOLID CORE, FLUSH WOOD
(3)	1 3/4"X3'-0"X1'-0"	SOLID CORE, FLUSH WOOD
(4)	1 3/4"X3'-0"X1'-0"	HOLLOW METAL FLUSH

WINDOW SCHEDULE		
WINDOW MARK	SIZE	DESCRIPTION
(A)	4"X8'-0"X4'-0"	INSULATED FIXED GL SET IN ALUM FRAME
(B)	4"X5'-0"X4'-0"	INSULATED FIXED GL SET IN ALUM FRAME
(C)	1 3/4"X3'-0"X4'-0"	ALUM SINGLE HUNG INSULATED GL

Rudy Rowe: 850 251-3081 - LEU

PROJECT: DEPARTMENT OF AGRICULTURE INSPECTION STATION #1, #2, #3
TITLE: FOUNDATION, FLOOR, ELECTRICAL & PLUMBING PLAN

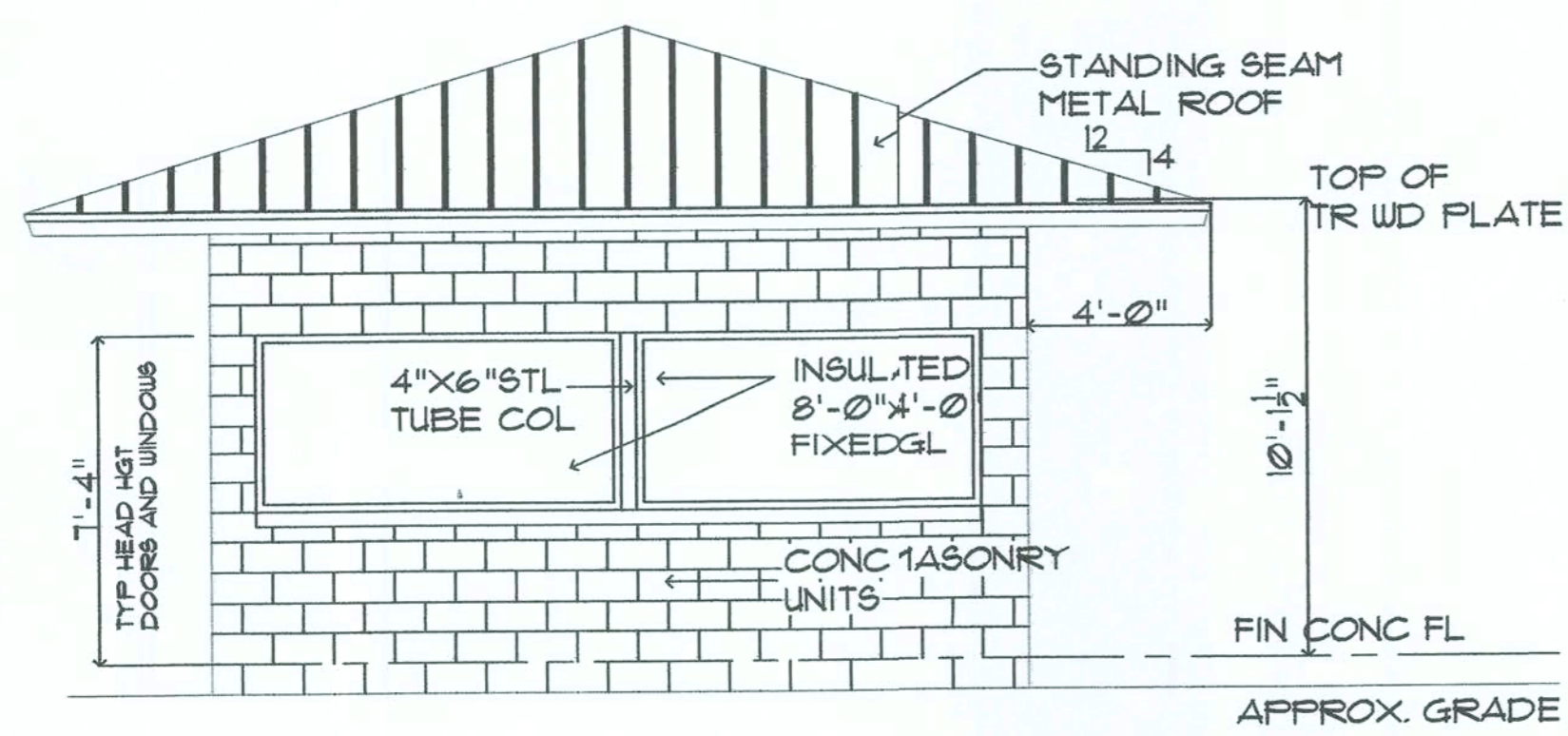


BATTS ENGINEERING CO.
CONSULTING ENGINEER
151 OJIBWA NORTH
MONTICELLO, FL 32344
(850) 251-3082

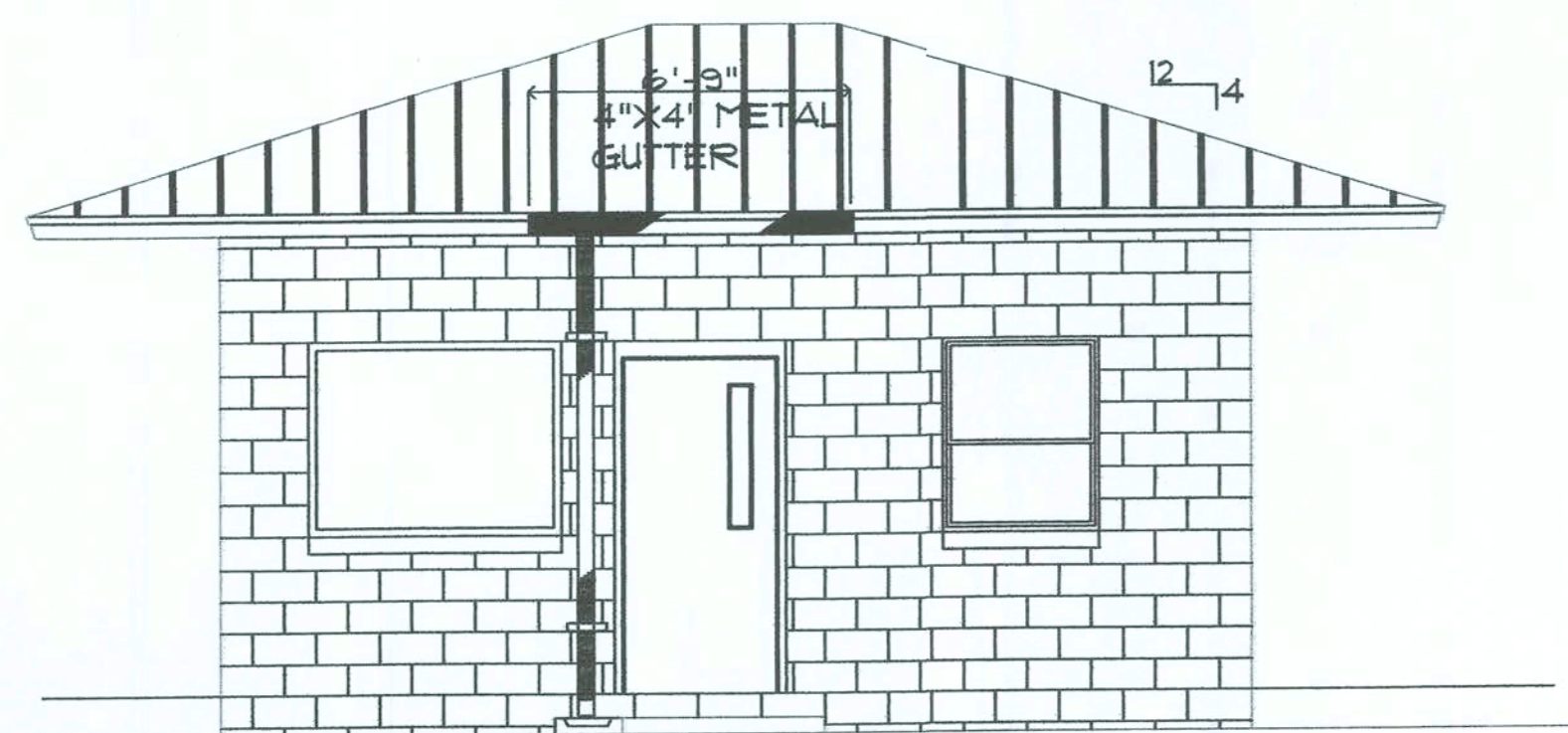


DAVID H. BATTS
CIVIL & STRUCTURAL
ENGINEER
151 OJIBWA NORTH
MONTICELLO, FL 32344
(850) 251-3082

DATE: _____
DESIGN BY: DLB
DRAWN BY: MHA
REVISED: _____
JOB NUMBER: _____
SHEET NUMBER: A1.0



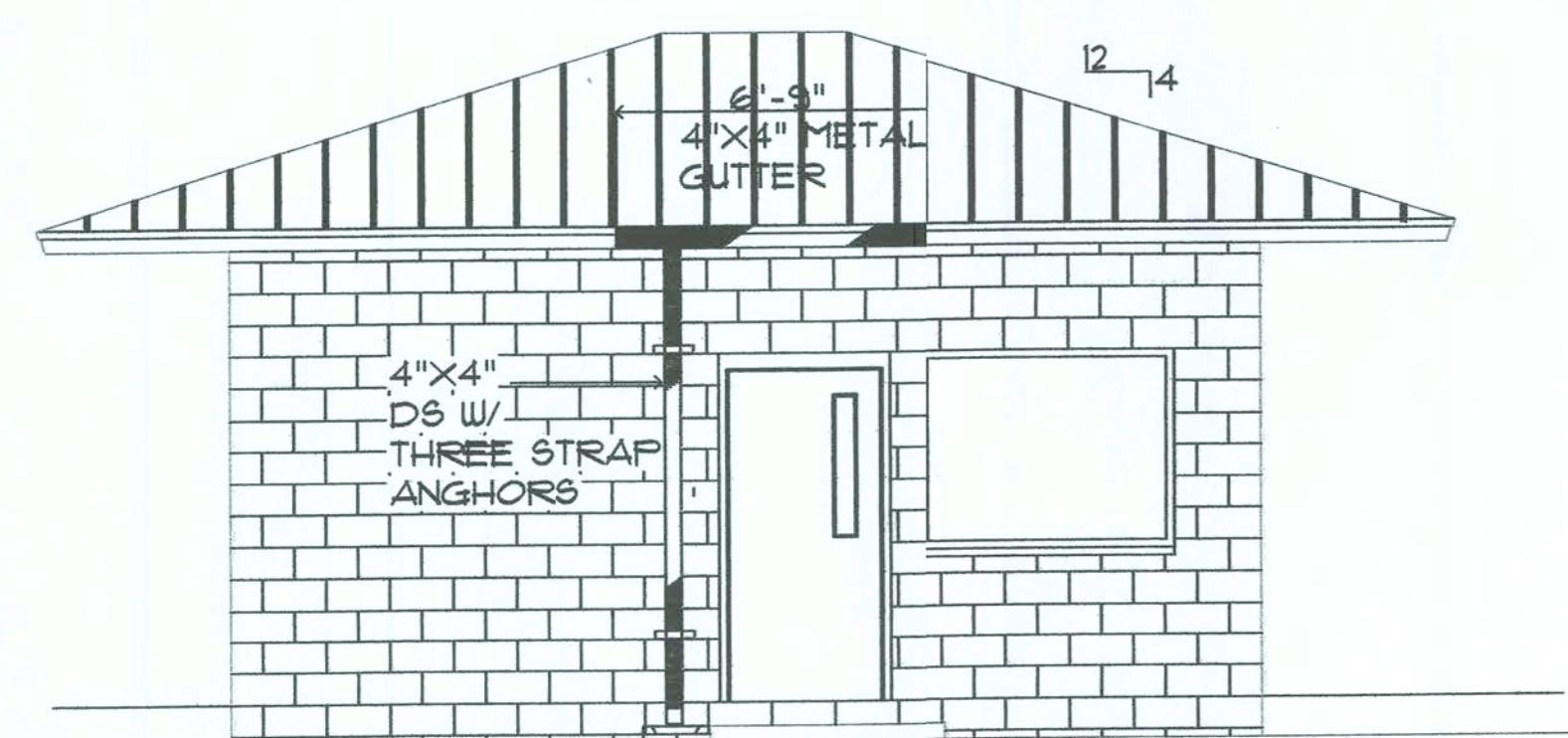
FRONT ELEVATION
SC 1/4" = 1'-0"



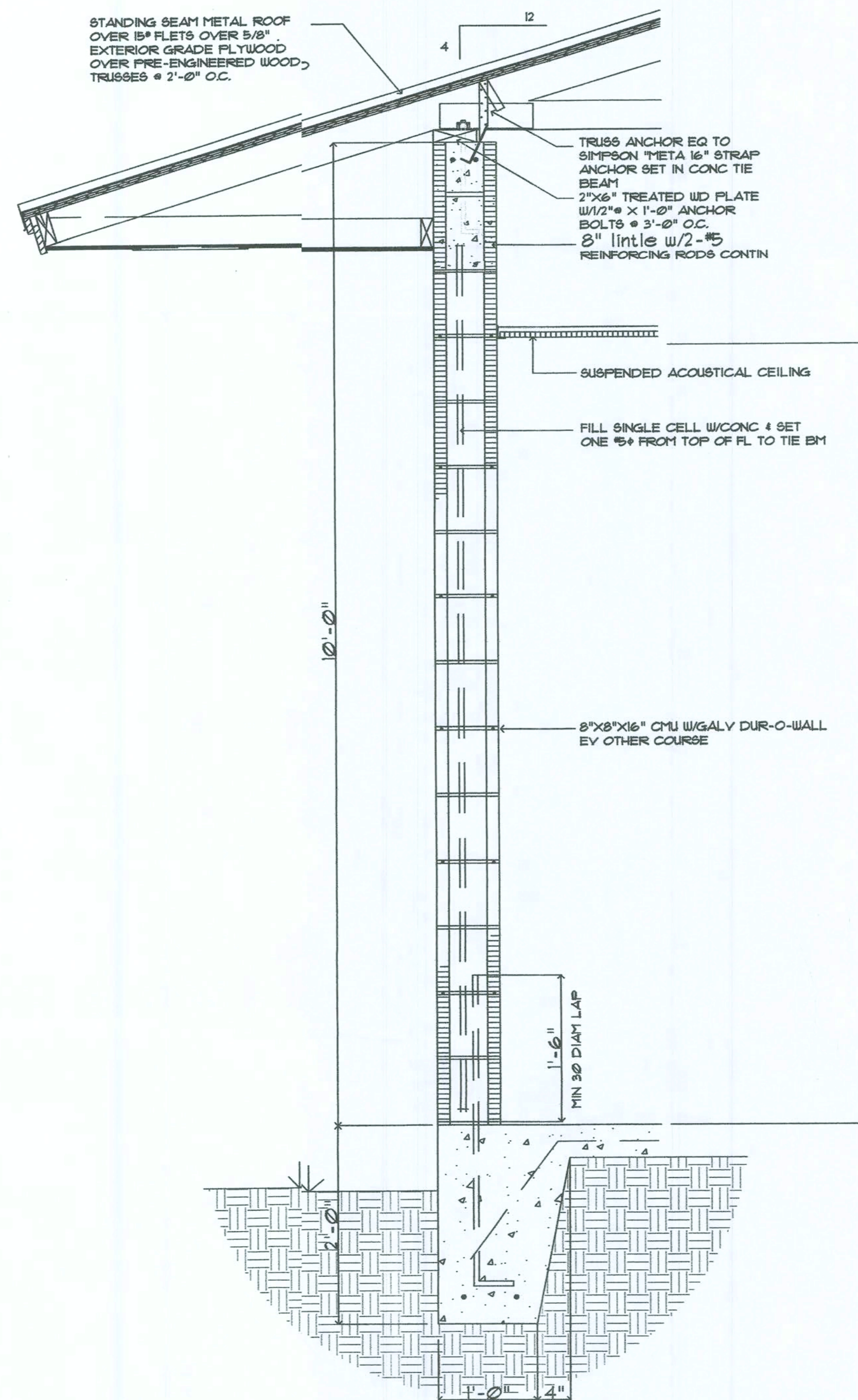
RIGHT SIDE ELEVATION
SC 1/4" = 1'-0"



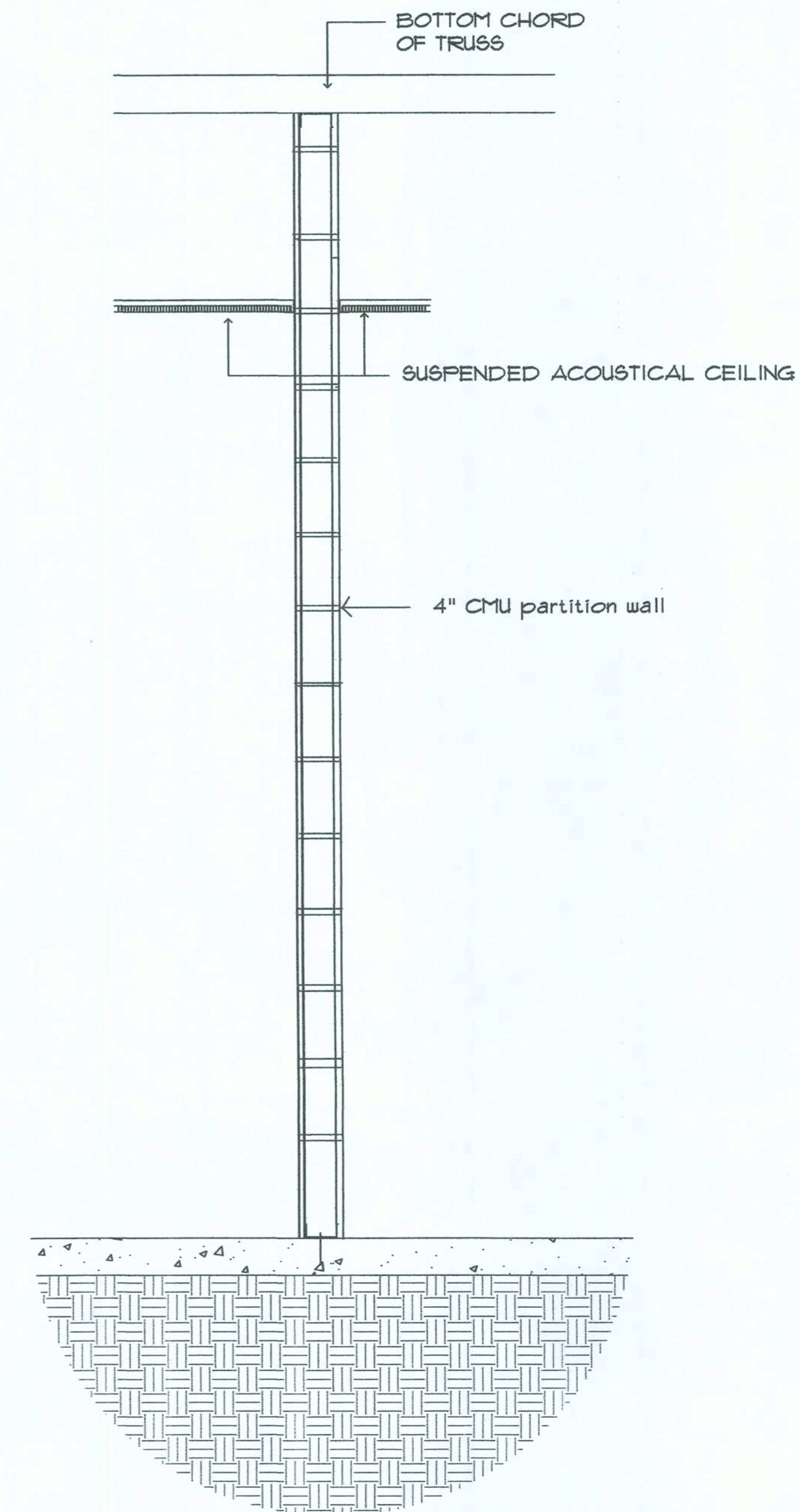
REAR ELEVATION
SC 1/4" = 1'-0"



LEFT SIDE ELEVATION
SC 1/4" = 1'-0"



TYPICAL WALL SECTION
SC 1" = 1'-0"



TYPICAL CMU STUD WALL
SC 1" = 1'-0"

PROJECT: DEPARTMENT OF AGRICULTURE INSPECTION STATION #1, #2, #3

TITLE: EXTERIOR ELEVATIONS & BUILDING SECTIONS

BATTS ENGINEERING CO.
CONSULTING ENGINEER
151 OJIBWA NORTH
MONTICELLO, FL 32344
(850) 251-3082

SOUTHLAND
CONTRACTING, INC.

DAVID H. BATTS
CIVIL - STRUCTURAL
ENGINEER
151 OJIBWA NORTH
MONTICELLO, FL 32344
(850) 151-3082
NOT VALID UNLESS
CRIMPED

DATE:
DESIGN BY: DLB
DRAWN BY: MHA
REVISED:
JOB NUMBER:
SHEET NUMBER
A2.0

GENERAL NOTE

- ALL MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH CONTRACT DOCUMENTS AND SPECIFICATIONS
- THE CONTRACTOR SHALL WORK STRUCTURAL DRAWINGS TOGETHER WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND CIVIL DRAWINGS TO LOCATE DEPRESSED SLABS, SLOPES, DRAIN, GRADES, ETC. ANY DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE WORK.
- ALL DETAILS AND SECTIONS SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL BE CONSTRUED TO APPLY TO ANY SIMILAR SITUATION ELSEWHERE ON THE PROJECT, EXCEPT WHEREA DIFFERENT DETAILS IS SHOWN.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING, SHORING, AND OTHER TEMPORARY SUPPORTS AS REQUIRED TO SAFELY COMPLETE THE WORK.
- FOOTING AND GRADE BEAMS AS DETAILED IN THIS PLAN ARE DESIGN FOR TYPICAL CMU CONSTRUCTION, WITH NO HEAVY AFFURTENANCES SUCH AS A MASONRY FIREPLACE, HOT TUB, SAUNA, ETC
- CONTRACTOR TO VERIFY LOAD BEARING REQUIREMENTS WITH WOOD TRUSS MFR BEFORE CONSTRUCTION OF FOUNDATION, IN SOME CASES WALLS NOT NOTED AS LOAD BEARING WILL BE IF SO ADDITIONAL ENGINEERING WILL BE REQUIRED.
- THESE DRAWINGS HAVE BEEN PREPARED TO ASSURE STRUCTURAL INTEGRITY OF THE OF THE FOUNDATION, SOME DETAILS, SUCH AS DEPRESSED AREAS, STEP-DOWN REQUIREMENTS, SLOPING FLOORS, ETC. MAY AVE BEEN OMITTED. CONTRACTOR SHALL VERIFY ALL CONDITIONS REQUIRED WITH BUILIER PLANS.

DESIGN CRITERIA

FLORIDA BUILDING CODE, 2004 EDITION

BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-99)

BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530/ASCE 5/TMS 402-99)

AISC "MANUAL OF STEEL CONSTRUCTION" - NORTH EDITION

AWS D 11 "STRUCTURAL WELDING CODE" - LATEST EDITION

ASIS DESIGN FOR COLD FORMED STEEL STRUCTURAL MEMBERS, 1996

ANSI / ASCE 7-02 "MINIMUM DESIGN LOADS FOR BILDING AND OTHER STRUCTURES"

DESIGN LOADS

LIVE LOAD:	
ROOF	0 PSF
FLOOR	0 PSF
HANDRAILS/GUARDRAILS	200 LB POINT LOAD IN ANY DIRECTION (INCLUDING INTERMEDIATE RAILS)

FOR STRUCTURAL MEMBERS WITH A TRIBUTARY AREA GREATER THAN 200 SF - 16 PSF

DEAD LOAD:	
ROOF	15 PSF
FLOOR	20 PSF

WIND LOAD - PER ASCE 7-98
BASIC WIND SPEED 120 MPH, SECOND GUST EXPOSURE CATEGORY - "B"

MAIN WIND - FORCE RESISTING MEMBERS - 35 PSF ULIFT
ANSI / ASCE 7-02 IMPORTANT FACTOR - 1.0
WALLS - 33 PSF

FOUNDATIONS ARE DESIGN TO BEAR ON SOIL WHICH PROVIDES A SAFE BEARING CAPACITY OF 2000 PSF

EARTHWORK NOTES

- ALL EXCAVATION AND BACK FILL SHALL BE PERFORMED IN ACCORDANCE WITH THE GEO TECHNICAL REPORTS ON THE PREVIOUS WORK.
- CONCRETE SHALL BE PLACED AS SOON AS PRACTICAL AFTER SOIL PREPARATION AND COMPACTION SO AS NOT TO ALLOW THE ELEMENTS OR CONSTRUCTION ACTIVITY TO DISTURB THE PREPARED AREA.
- UNDER NO CIRCUMSTANCES WILL DIGGING, TUNNELING, OR TREENCHING BE ALLOWED AT OR NEAR ANY CONCRETE STRUCTURE WHICH MIGHT ACT TO UNDERMINE THE STRUCTURE.

CONCRETE:

- ALL CONCRETE SHALL BE DESIGNED TO SECURE A STRENGTH OF 3000 PSI AT 28 DAYS.
- PROVIDE MINIMUM COVER FOR REINFORCING BAR, UNLESS OTHERWISE INDICATED:
FOOTINGS (TO GROUND) 3"
FOOTINGS (TOP AND SIDE) 3"
SLABS ON GRADE 2"
SIDEWALKS 2"
- ALL BAR SPLICES AND DOWELS SHALL LAP 48 BAR DIAMETERS (MINIMUM) UNLESS OTHERWISE NOTED.
- ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM-A615, GRADE 60.
- ALL WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- ALL WELDED WIRE FABRIC SHALL BE LAPPED ON ONE FULL MESH, PANEL PLUS TWO INCHES AT SIDES AND ENDS AND SHALL BE WIRED TOGETHER.
- ALL CONCRETE REINFORCEMENT SHALL BE DETAILED, FABRICATED, LABELED, SUPPORTED, AND SPACED IN FORMS AND SECURED IN PLACE ACCORDANCE WITH THE PROCEDURES AND REQUIREMENTS OUTLINED IN THE LATEST EDITION OF ACI 318 AND ACI 315. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.

MASONRY NOTES:

- CONCRETE MASONRY UNITS SHALL CONFORM WITH ASTM C90 AND SHALL BE GRADE "N", TYPE II, NORMAL WEIGHT. THE DESIGN ULTIMATE STRENGTH OF MASONRY SHALL BE ESTABLISHED AS 1500 PSI.
- ALL WALL TO BE RUNNING BOND.
- FILL CELL AND PROVIDE 5# VERTICAL REINFORCING BAR IN WALL AT 4'-0" O.C. AS SHOWN IN PLAN. EACH FILLED CELL SHALL BE COMPLETELY GROUTED.
- LAP MASONRY REINFORCING A MINIMUM OF 30 BAR DIAMETERS, BUT NOT LESS THAN 2'-0".
- HORIZONTAL JOINT REINFORCING IN CMU WALLS SHALL BE 3 #4 LADDER TYPE AT 16" O.C. VERTICALLY.
- A FULLY GROUTED LINTEL BEAM SHALL BE LOCATED CONTINUOUSLY AT AN ELEVATION ABOUT THE PROPOSED WINDOW AND DOOR OPENING (1"-1.4" BOT OF LINTEL) AND A FOURED CONCRETE TIE BEAM THE TOP OF THE MASONRY WALL.
- LINTEL BEAMS FOR OPENINGS GREATER THAN 4'-0" SHALL BE PER LINTEL TABLE.
- MORTAR SHALL BE TYPE "M" OR "S".
- GROUT SHALL BE IN ACCORDANCE WITH ASTM C476, STANDARD SPECIFICATION FOR GROUT MASONRY OR 3000 PSI PEA ROCK GROUT PER SPECIFICATIONS.
- ALL CELLS ADJACENT TO DOORS, WINDOWS, OPENINGS CORNERS AND AT END OF WALLS SHALL BE REINFORCED WITH AT LEAST 1-#4 VERT. REINFORCING BAR CONTINUOUS FROM FOOTING TO BOND BEAM AT TOP OF WALL.
- ALL VERTICAL REINFORCING BARS IN CMU WALLS SHALL BE ANCHORED IN THE CONCRETE THICKENED SLAB, FOOTING OR BEAM (LINTEL) UPON WHICH THE WALL REST AND IN THE BEAM AT THE TOP AT TOP OF WALL WITH STANDARD HOOKS AND SHALL BE CONTINUOUS THROUGH ALL INTERMEDIATE WALL BEAMS.
- VERTICAL CELLS TO BE GROUTED SHALL HAVE A MINIMUM CLEAR DIMENSION OF 3" AND CLEAR AREA OF 10" SQUARE. GROUTING SHALL BE DONE IN A CONTINUOUS OPERATION, IN LIFTS NOT EXCEEDING 5 FEET. THE GROUT SHALL BE CONSOLIDATED BETWEEN LIFTS BY MECHANICAL VIBRATION.
- CELLS BELOW FINISH GRADE OR SLAB LEVEL SHALL BE FURRED SOLID PRIOR TO ANY BACK FILL OF COMPACTION WITH 5 FEET OF WALL (EITHER SIDE) CELL SHALL BE CLEAN DRY AND FREE OF ANY DRIED MORTAR SOIL OR DEBRIS PRIOR TO FILLING. IF REQUIRED FLUSH WITH WATER TO REMOVE SOIL THEN FLUSH WITH COMPRESS AIR TO REMOVE WATER.
- ALL CMU ELEMENTS SHALL BE ADEQUATELY BRACED TO PROVIDE STABILITY UNTIL ENTIRE STRUCTURE IS COMPLETE AND TO PREVENT DAMAGE DURING CONSTRUCTION ESPECIALLY DUE TO BACK FILLING AND SOIL COMPACTION OPERATIONS.

LINTEL TABLE:

- | | |
|---|--|
| 1. UP TO 6'-8" | 8" HIGH W/2#4 CONTIN. |
| 2. 6'-8" TO 11'-0" NON-BEARING WALLS | 16" HIGH W/2#4 CONTIN. |
| 3. 6'-8" TO 12'-0" BEARING AND EXTERIOR WALLS | P.I.F. 16" HIGH W/3#4 BOTTOM AND 2#4 TOP AND #3 TIES AT 12" O.C. |

INSPECTION STATION LOCATIONS

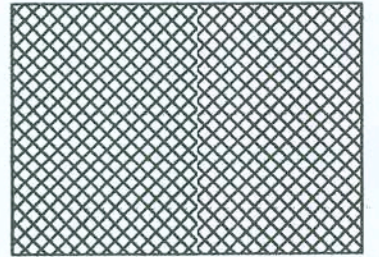
- BAKER COUNTY
- COLUMBUS COUNTY
- GILCHRIST COUNTY

EXTERIOR AND INTERIOR MASONRY COATING

- FIRST COAT- Porter Paints #896 Acri-Fil Int/Ext Block Filler
- SECOND COAT- Porter paints #6000 Porter Flex Elastomeric
- THIRD COAT- Porter paints #6000 Porter Flex Elastomeric

PROJECT: DEPARTMENT OF AGRICULTURE INSPECTION STATION #1, #2, #3

TITLE: GENERAL NOTES AND SPECIFICATIONS



BATTS ENGINEERING CO.
CONSULTING ENGINEER
151 OJIBWA NORTH
MONTICELLO, FL 32344
(850) 251-3082



DAVID H. BATTS
CIVIL & STRUCTURAL
ENGINEER
151 OJIBWA NORTH
MONTICELLO, FL 32344
(850) 251-3082

NOT VALID UNLESS
CRIMPED

DATE:

DESIGN BY: DLB

DRAWN BY: MHA

REVISED:

JOB NUMBER:

SHEET NUMBER
A3.0