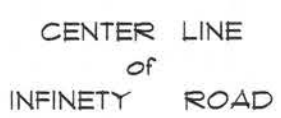


OF 3 SHEETS





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

A/C LIVING AREA	= 1408 S.F.
CARPORT	= 519 S.F.
<hr/>	
TOTAL AREA UNDER ROOF	= 1927 S.F.

IN  
LAKE CITY  
FLORIDA

Teena M. Ruffo  
251 NW Hall of Fame Dr.  
Lake City, Florida 32055  
Phone: (386) 755 - 9993  
Cell: (386) 867 - 1191  
Email: nfarndesigns@ianl.net

PRINTED DATE:

DRAWN BY:	CHECKED BY:
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BUILDING CONTRACTOR  
WILBIR BROWN

FINALS DATE:	
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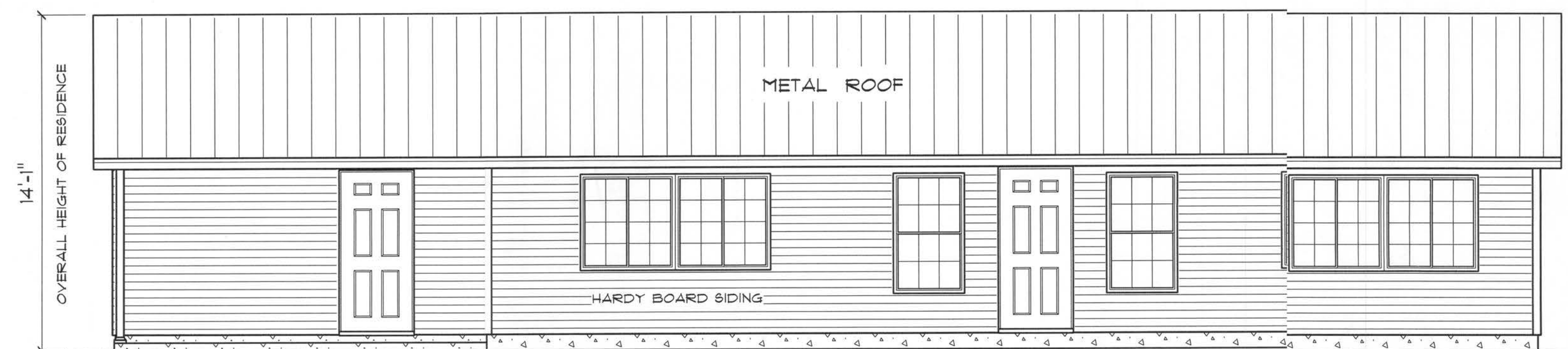
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DRAWING NUMBER

A-1

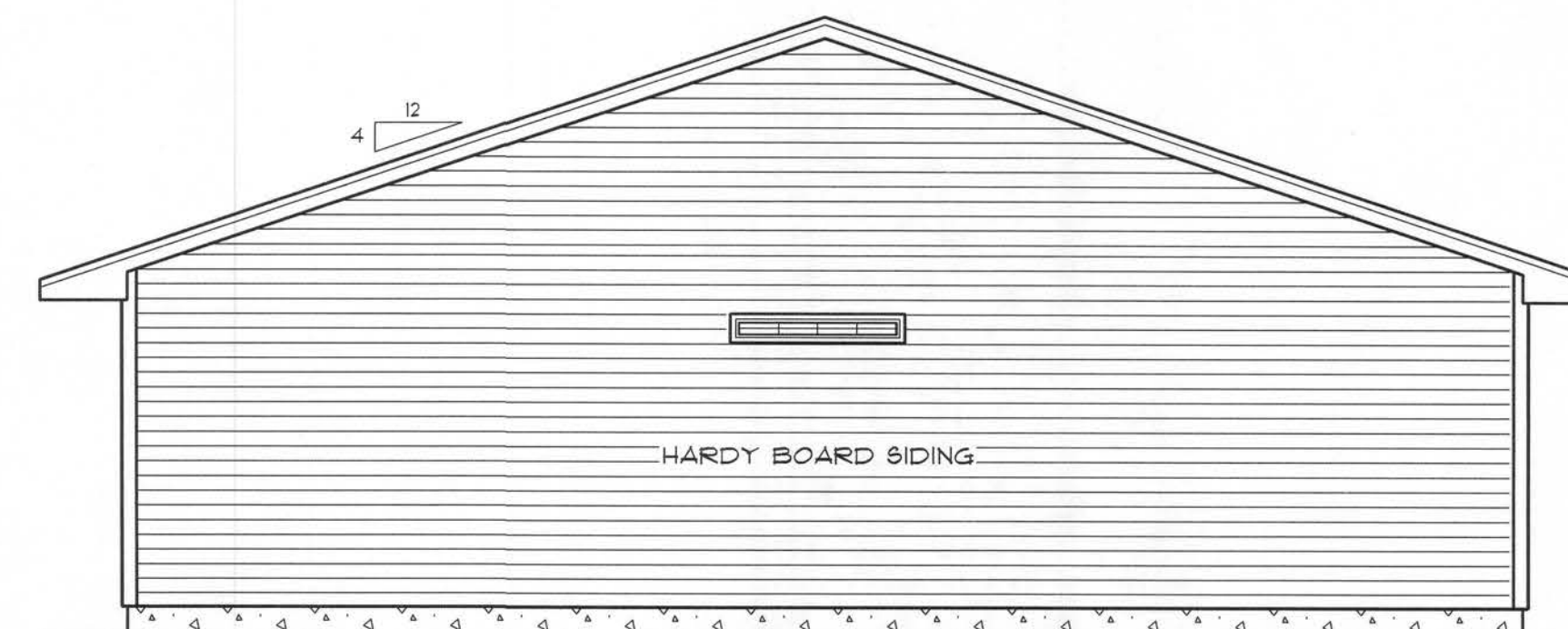
OF 3 SHEETS





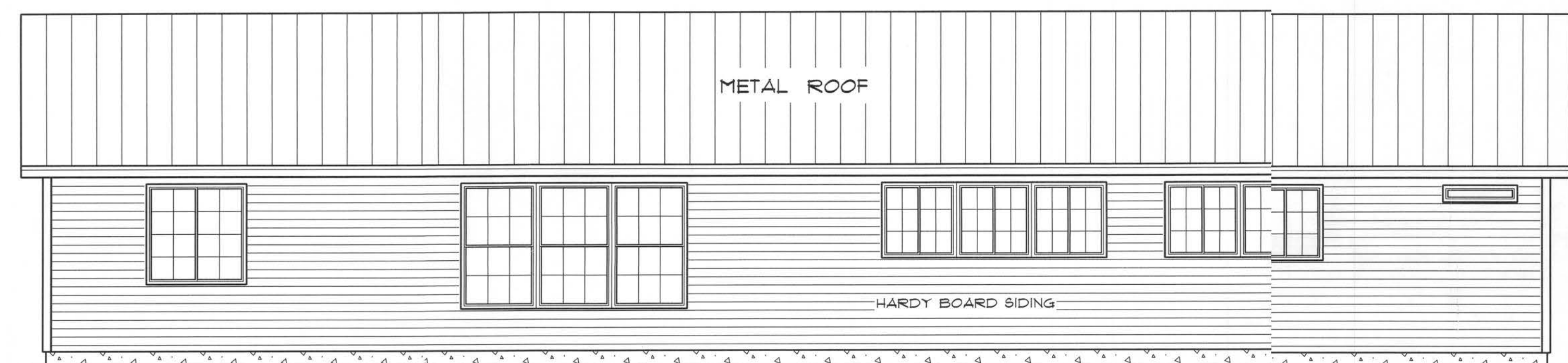
\* FRONT ELEVATION \*

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

NOTE: 24" OVERHANG ON EAVES  
12" OVERHANG ON GABLE ENDS


\* RIGHT SIDE ELEVATION \*

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



\* REAR ELEVATION \*

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



\* LEFT SIDE ELEVATION \*

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

RESIDENCE  
for  
JOHN & ALICE  
WEBB  
IN  
LAKE CITY  
FLORIDA

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PRINTED DATE:

October 13, 2006

DRAWN BY:

Teresa M. Ruffo

CHECKED BY:

WILBUR BROWN

BUILDING CONTRACTOR:

WILBUR BROWN

FINALS DATE:

AUGUST 2006

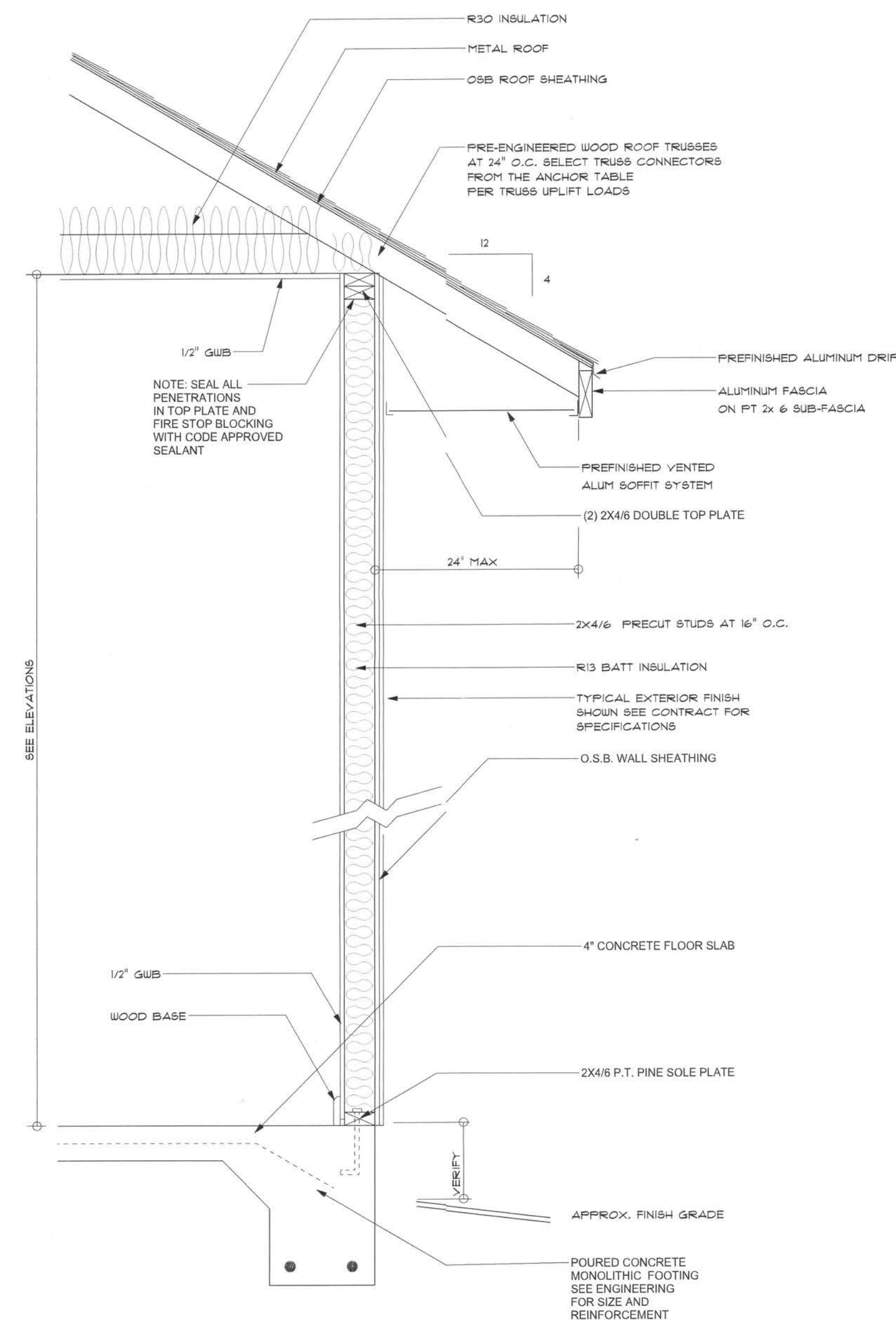
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A-2

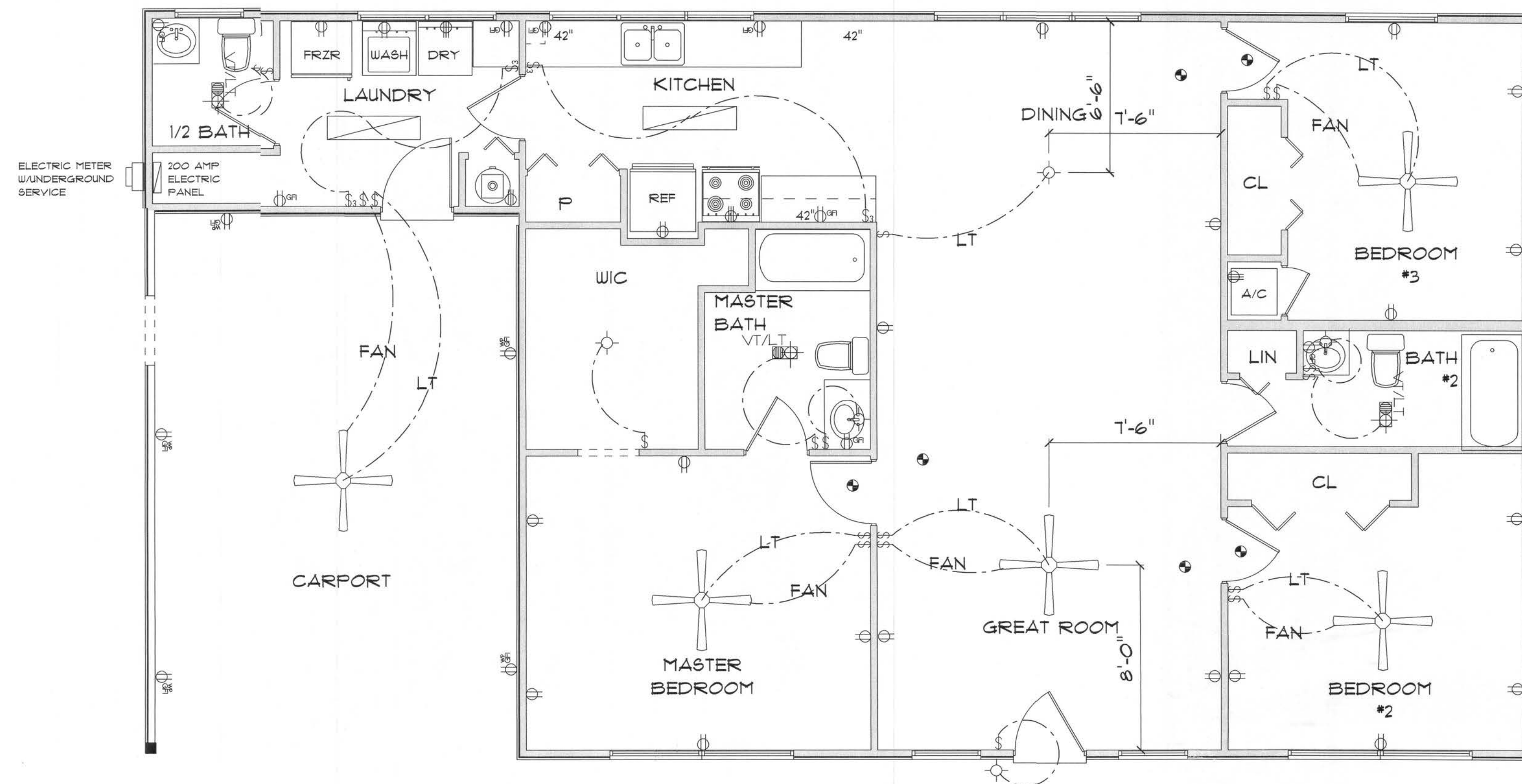
OF 3 SHEETS





TYPICAL DESIGN WALL SECTION  
NON - STRUCTURAL DATA

SCALE = N.T.S.



\* ELECTRIC PLAN \*

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

ELECTRICAL	COUNT	SYMBOL
ceiling fan	5	
200 amp service panel	1	
electric meter	1	
fluorescent lt fixture	2	
gfi waterproof outlet	5	
light	5	
outlet	21	
outlet 220v	4	
outlet gfi	8	
smoke detector	6	
switch	18	
switch 3 way	4	
vent light combo	3	

ELECTRICAL PLAN NOTES

- E-1 WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUFACTURER'S SPECIFICATIONS.
- E-2 CONSULT THE OWNER FOR THE NUMBER OF SEPARATE TELEPHONE LINES TO BE INSTALLED.
- E-4 ALL INSTALLATIONS SHALL BE PER NATIONAL ELECTRIC CODE.
- E-3 ALL SMOKE DETECTORS SHALL BE 120V W/BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- E-5 TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTION AND IN ACCORDANCE WITH APPLICABLE SECTIONS OF NATIONAL ELCT. CODE LATEST EDITION.
- E-6 ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- E-7 ENTRY OF SERVICE UNDERGROUND OR OVERHEAD) IS TO BE DETERMINED BY THE POWER COMPANY.
- E-8 ALL BEDROOM RECEPTALS ARE TO BE AFCI (ARC FAULT CIRCUIT INTERRUPT).

RESIDENCE  
for  
JOHN & ALICE  
WEBB  
N  
LAKE CITY  
FLORIDA

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PRINTED DATE:  
October 3, 2006

DRAWN BY: Teresa M. Ruffo CHECKED BY:

BUILDING CONTRACTOR  
WILBUR BROWN

FINAL DATE:  
AUGUST 2006

JOB NUMBER:

DRAWING NUMBER

A-3

OF 3 SHEETS



## GENERAL NOTES:

TRUSSES: TRUSSES SHALL BE DESIGNED BY A FLORIDA LICENSED ENGINEER IN ACCORDANCE WITH THE FBCR 2004. TRUSS ENGINEERING SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS. TRUSS ENGINEERING IS THE RESPONSIBILITY OF THE TRUSS MANUFACTURER AND SHALL BE SIGNED & SEALED BY THE MANUFACTURER'S DESIGN ENGINEER. IT IS THE BUILDER'S RESPONSIBILITY TO VERIFY THE TRUSS DESIGNER'S FULLY SATISFIED ALL THE ABOVE REQUIREMENTS AND TO SELECT UPLIFT CONNECTIONS BASED ON TRUSS ENGINEERING UPLIFT AND PROVIDE FOOTINGS FOR INTERIOR BEARING WALLS. BUILDER IS TO FURNISH TRUSS ENGINEERING TO WIND LOAD ENGINEER FOR REVIEW OF TRUSS REACTIONS ON THE BUILDING STRUCTURE. STRAP 2X6 RAFTERS WITH MIN UPLIFT CONNECTION 415LB EACH END, 2X6 RAFTERS 700 LB EACH END.

SITE PREPARATION: SITE ANALYSIS AND PREPARATION IS NOT PART OF THIS PLAN.

FOUNDATION: CONFIRM THAT THE FOUNDATION DESIGN & SITE CONDITIONS MEET GRAVITY LOAD REQUIREMENTS (ASSUME 1000 PSF BEARING CAPACITY UNLESS VISUAL OBSERVATION OR SOILS TEST PROVE OTHERWISE).

CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS,  $F'_c = 3000$  PSI.

WELDED WIRE REINFORCED SLAB: 8" x 6" W1.4 x W1.4, FB = 85KSI, WELDED WIRE REINFORCEMENT FABRIC (W.W.R.) CONFORMING TO ASTM A601, LOCATED IN MIDDLE OF THE SLAB, SUPPORTED WITH APPROVED MATERIALS OR SUPPORTS AT SPACINGS NOT TO EXCEED 3'.

FIBER CONCRETE SLAB: CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTH 12 INCH TO 2 INCHES. DOSAGE AMOUNTS FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD PER THE MANUFACTURER'S RECOMMENDATIONS. FIBERS TO COMPLY WITH ASTM C 1116. SUPPLIER TO PROVIDE ASTM C 1116 CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY BUILDING OFFICIAL.

CONTROL JOINTS: WHERE SPECIFIED, SAWN CONTROL JOINTS IN SLAB-ON-GRADE SHALL BE CUT IN ACCORDANCE WITH ACI 308. JOINTS SHALL BE CUT WITHIN 12 HOURS OF SLAB PLACEMENT. THE LENGTH / WIDTH RATIOS OF SLAB AREAS SHALL NOT EXCEED 1.5 AND TYPICAL SPACING OF CUTS TO BE 12FT. DO NOT CUT WWM OR REINFORCING STEEL. (RECOMMENDED LOCATION OF CONTROL JOINTS IS SUBJECT TO OWNER AND CONTRACTOR'S APPROVAL. THE CONTROL JOINTS ARE NOT INTENDED TO PREVENT CRACKS BUT RATHER TO ENCOURAGE THE SLAB TO CRACK ON A GIVEN LINE.)

REBAR: ASTM A 615, GRADE 60, DEFORMED BARS,  $F_y = 60$  KSI, ALL LAP SPLICES 40" DB (25" FOR #5 BARS); UNO. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315-86, U.N.O.

GLULAM BEAMS: GLULAM BEAM, GLB, 24F-V3SP,  $F_b = 2.4$  ksi,  $E = 1800$  ksi; UNO. SUPPLIER MAY SUPPLY AN ALTERNATE BEAM WITH EQUAL PROPERTIES OR MAY SUBMIT THEIR OWN SIZING CALC. ROOF SHEATHING: ALL ROOFS ARE HORIZONTAL DIAPHRAGMS; 7/16" OSB SHEATHING, UNBLOCKED, APPLIED PERPENDICULAR TO FRAMING, OVER A MINIMUM OF 3 FRAMING MEMBERS, WITH PANEL EDGES STAGGERED, FASTENED WITH 8d COMMON NAILS (131), 6" OC PANEL EDGES, 12" OC INTERMEDIATE MEMBERS, GABLE ENDS AND DIAPHRAGM BOUNDARY; 4" OC, UNO.

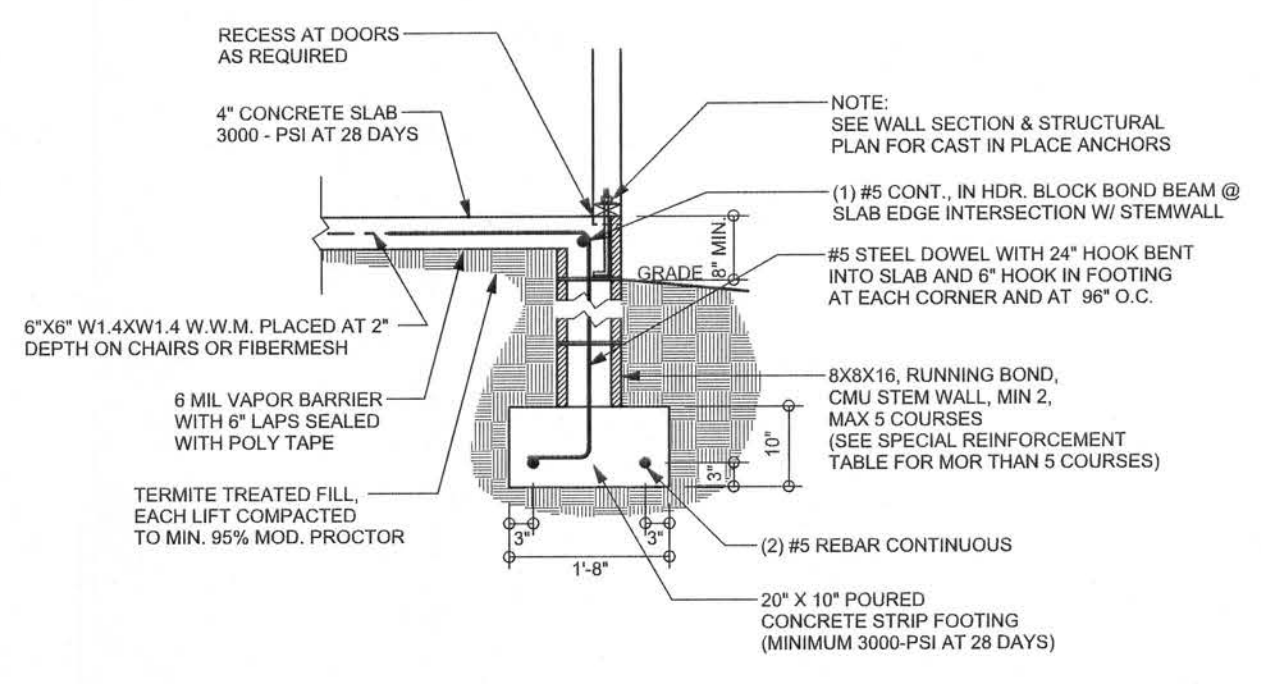
STRUCTURAL CONNECTORS: MANUFACTURERS AND PRODUCT NUMBER FOR CONNECTORS, ANCHORS, AND REINFORCEMENT ARE LISTED FOR EXAMPLE NOT ENDORSEMENT. AN EQUIVALENT DEVICE OF THE SAME OR OTHER MANUFACTURER CAN BE SUBSTITUTED FOR ANY DEVICES LISTED IN THE EXAMPLE TABLES AS LONG AS IT MEETS THE REQUIRED LOAD CAPACITIES, MANUFACTURER'S INSTALLATION INSTRUCTIONS MUST BE FOLLOWED TO ACHIEVE RATED LOADS.

ANCHOR BOLTS: A-307 ANCHOR BOLTS WITH MINIMUM EMBEDMENT AS SPECIFIED IN DRAWINGS BUT NO LESS THAN 7" IN CONCRETE OR REINFORCED BOND BEAM OR 15" IN GROUTED CMU.

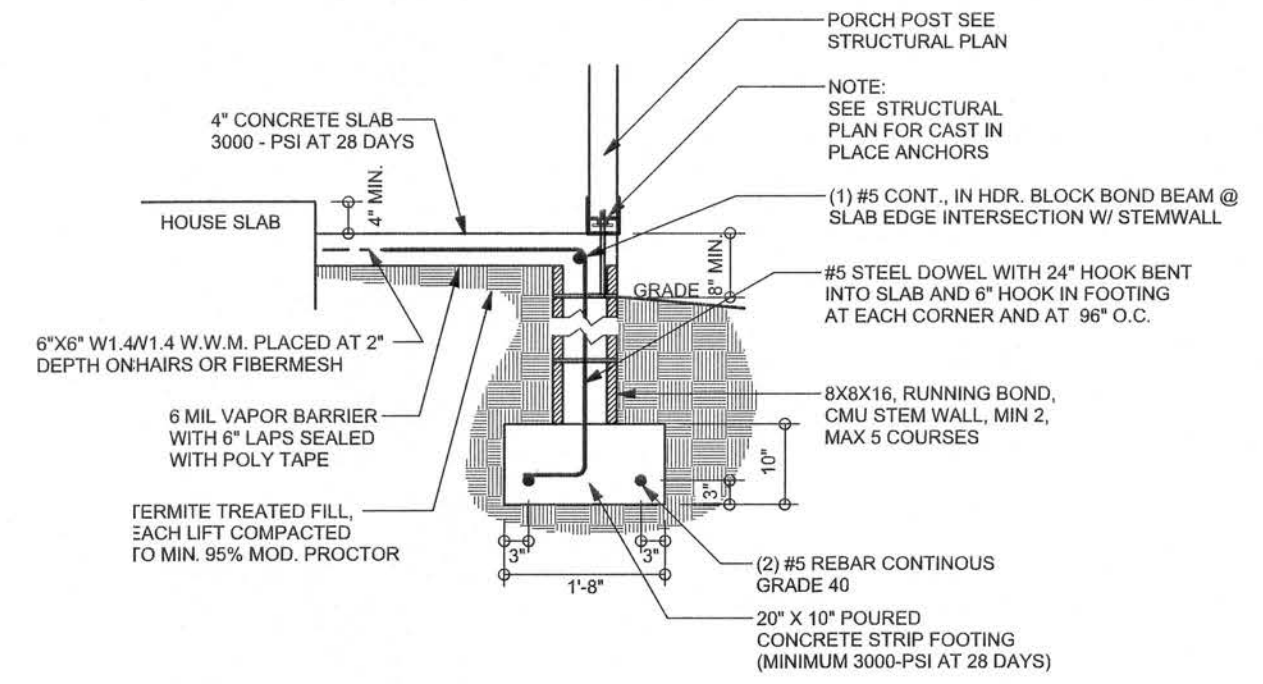
WASHERS: WASHERS USED WITH 1/2" BOLTS TO BE 2" x 2" x 3/8", 3/4" x 3/8", 1" x 3/8", 1 1/2" x 3/8", 2" x 3/8", 2 1/2" x 3/8", 3" x 3/8", 3 1/2" x 3/8", 4" x 3/8", 4 1/2" x 3/8", 5" x 3/8", 5 1/2" x 3/8", 6" x 3/8", 6 1/2" x 3/8", 7" x 3/8", 7 1/2" x 3/8", 8" x 3/8", 8 1/2" x 3/8", 9" x 3/8", 9 1/2" x 3/8", 10" x 3/8", 10 1/2" x 3/8", 11" x 3/8", 11 1/2" x 3/8", 12" x 3/8", 12 1/2" x 3/8", 13" x 3/8", 13 1/2" x 3/8", 14" x 3/8", 14 1/2" x 3/8", 15" x 3/8", 15 1/2" x 3/8", 16" x 3/8", 16 1/2" x 3/8", 17" x 3/8", 17 1/2" x 3/8", 18" x 3/8", 18 1/2" x 3/8", 19" x 3/8", 19 1/2" x 3/8", 20" x 3/8", 20 1/2" x 3/8", 21" x 3/8", 21 1/2" x 3/8", 22" x 3/8", 22 1/2" x 3/8", 23" x 3/8", 23 1/2" x 3/8", 24" x 3/8", 24 1/2" x 3/8", 25" x 3/8", 25 1/2" x 3/8", 26" x 3/8", 26 1/2" x 3/8", 27" x 3/8", 27 1/2" x 3/8", 28" x 3/8", 28 1/2" x 3/8", 29" x 3/8", 29 1/2" x 3/8", 30" x 3/8", 30 1/2" x 3/8", 31" x 3/8", 31 1/2" x 3/8", 32" x 3/8", 32 1/2" x 3/8", 33" x 3/8", 33 1/2" x 3/8", 34" x 3/8", 34 1/2" x 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382 1/2" x 3/8, 383" x 3/8, 383 1/2" x 3/8, 384" x 3/8, 384 1/2" x 3/8, 385" x 3/8, 385 1/2" x 3/8, 386" x 3/8, 386 1/2" x 3/8, 387" x 3/8, 387 1/2" x 3/8, 388" x 3/8, 388 1/2" x 3/8, 389" x 3/8, 389 1/2" x 3/8, 390" x 3/8, 390 1/2" x 3/8, 391" x 3/8, 391 1/2" x 3/8, 392" x 3/8, 392 1/2" x 3/8, 393" x 3/8, 393 1/2" x 3/8, 394" x 3/8, 394 1/2" x 3/8, 395" x 3/8, 395 1/2" x 3/8, 396" x 3/8, 396 1/2" x 3/8, 397" x 3/8, 397 1/2" x 3/8, 398" x 3/8, 398 1/2" x 3/8, 399" x 3/8, 399 1/2" x 3/8, 400" x 3/8, 400 1/2" x 3/8, 401" x 3/8, 401 1/2" x 3/8, 402" x 3/8, 402 1/2" x 3/8, 403" x 3/8, 403 1/2" x 3/8, 404" x 3/8, 404 1/2" x 3/8, 405" x 3/8, 405 1/2" x 3/8, 406" x 3/8, 406 1/2" x 3/8, 407" x 3/8, 407 1/2" x 3/8, 408" x 3/8, 408 1/2" x 3/8, 409" x 3/8, 409 1/2" x 3/8, 410" x 3/8, 410 1/2" x 3/8, 411" x 3/8, 411 1/2" x 3/8, 412" x 3/8, 412 1/2" x 3/8, 413" x 3/8, 413 1/2" x 3/8, 414" x 3/8, 414 1/2" x 3/8, 415" x 3/8, 415 1/2" x 3/8, 416" x 3/8, 416 1/2" x 3/8, 417



REVISIONS	



**F9 S-2** STEM WALL FOOTING  
SCALE: 1/2" = 1'-0"

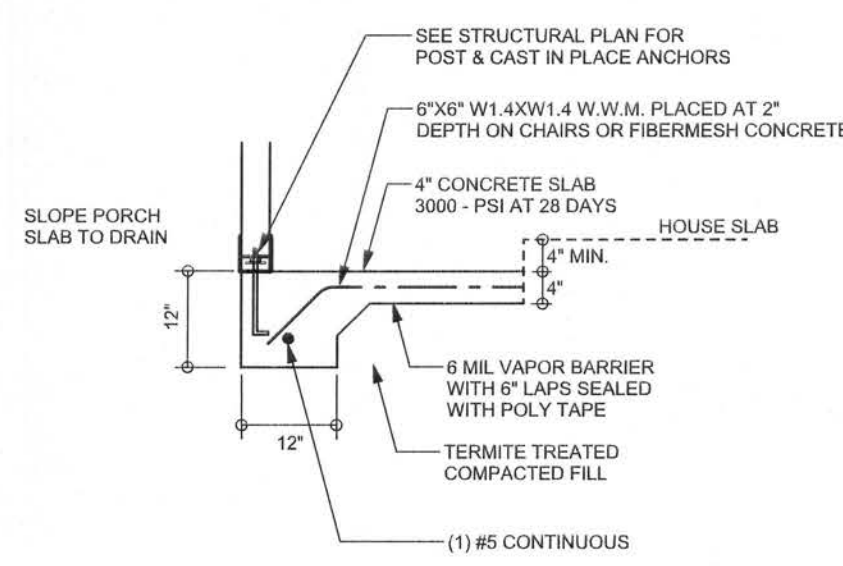


**F12 S-2** ALT. STEM WALL PORCH FOOTING  
SCALE: 1/2" = 1'-0"

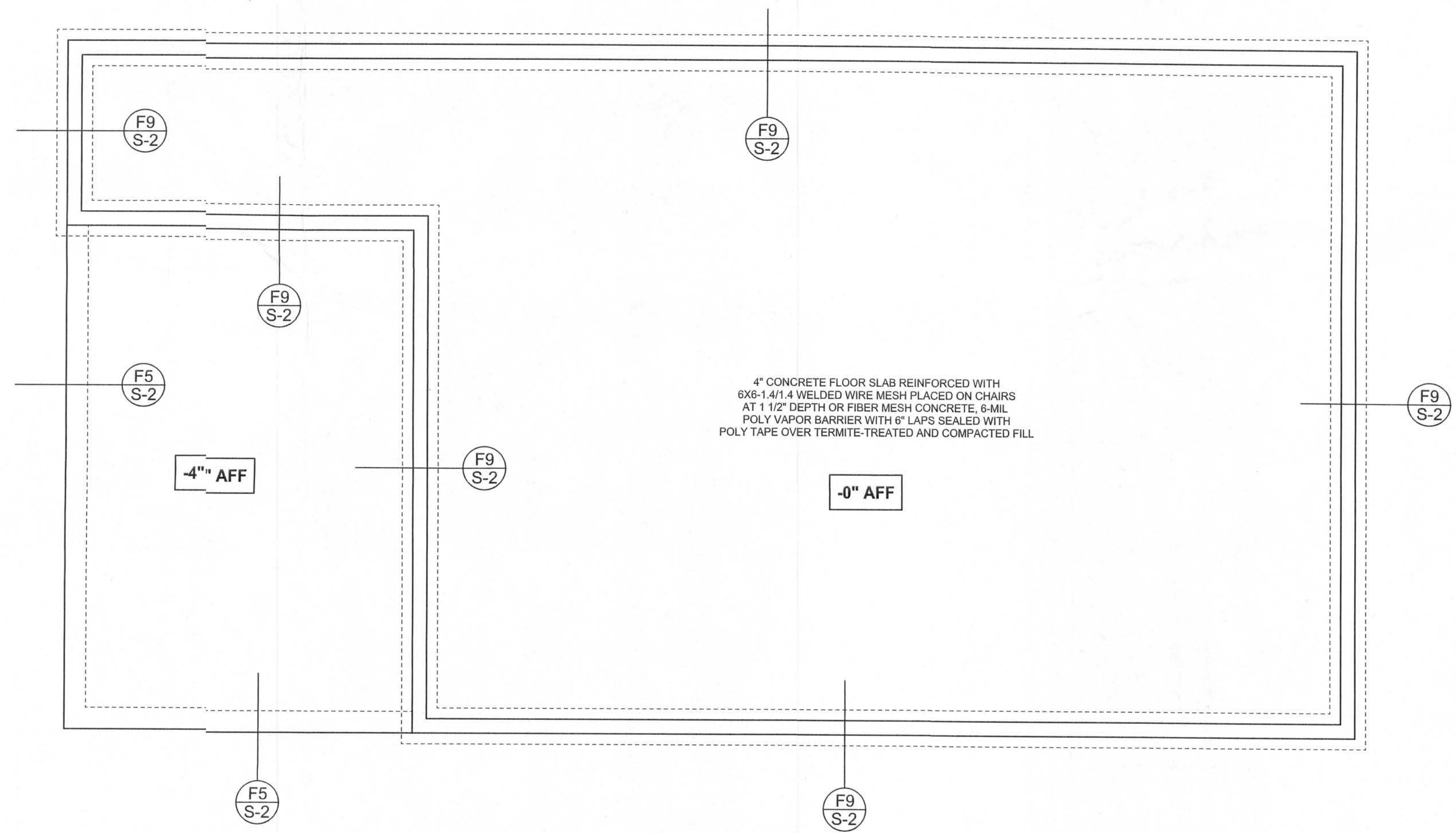
**TALL STEM WALL TABLE**

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 slab 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 ladder reinforcement at 16"OC vertically or a horizontal bond beam with 165 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



**F5 S-2** PORCH FOOTING  
SCALE: 1/2" = 1'-0"



**FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"  
DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS

WINDLOAD ENGINEER: Mark Disosway, P.E. No. E3915, P.O.B. 868, Lake City, FL 32056, 386-79-5419

**DIMENSIONS**  
Stated dimensions supersede scaled 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 section R301.2.1, Florida building code residential 2004, to the best of my knowledge.

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

MARK DISOSWAY  
P.E. E3915

**John & Alice Webb Residence**

ADDRESS:  
SW Infiniti Place  
Columbia County, Florida  
rear half of  
245S-16-03707-009

Mark Disosway P.E.  
F.O. Box 868  
Lake City, Florida 32056  
Phone (386) 754 - 5419  
Fax: (386) 269 - 4871

PRINTED DATE:  
September 14, 2006

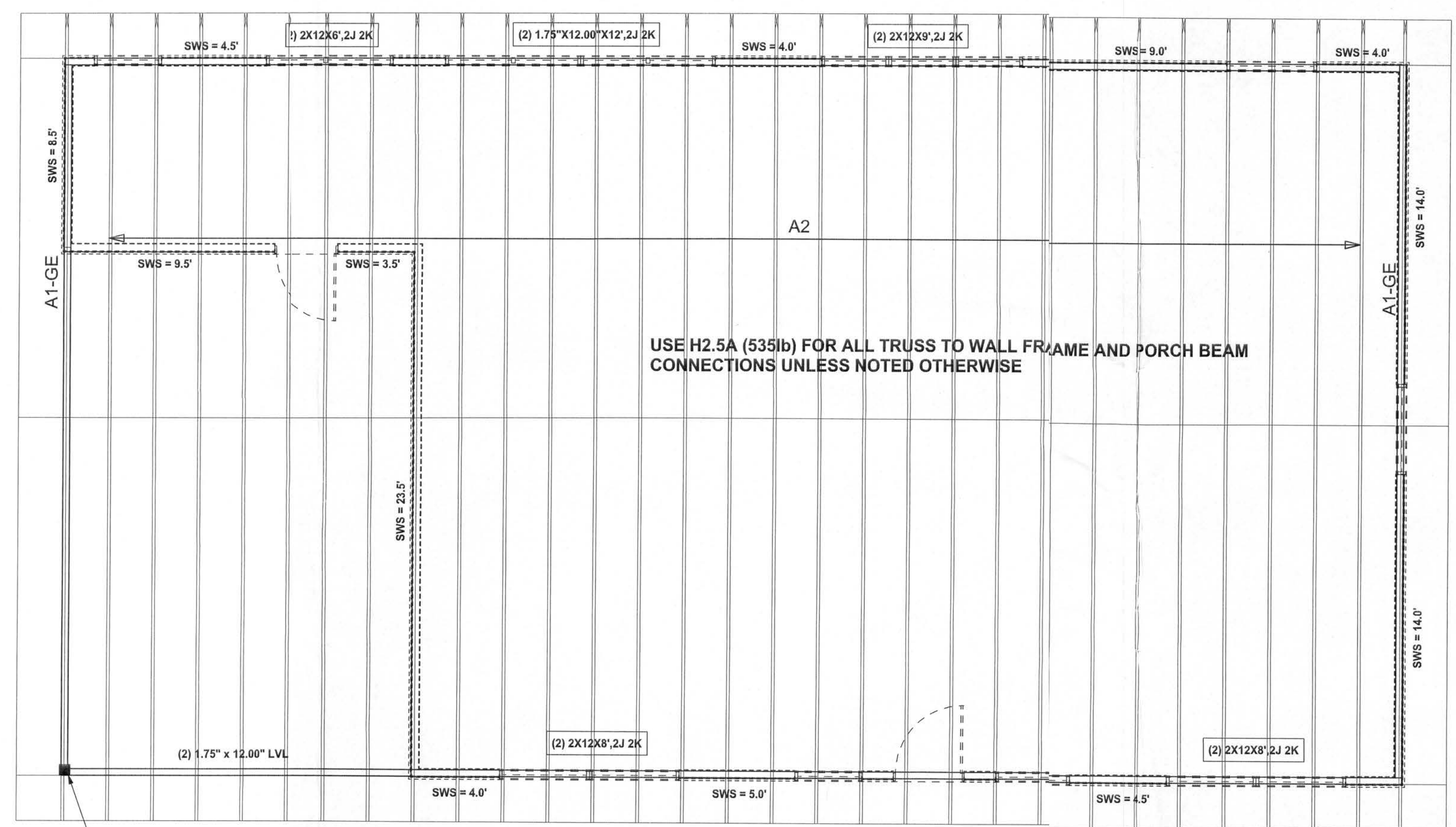
DRAWN BY: David Disosway  
CHECKED BY:

FINALS DATE:  
14 / Sep .06

**JOB NUMBER:**  
609052

**DRAWING NUMBER**  
**S-2**  
OF 3 SHEETS





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

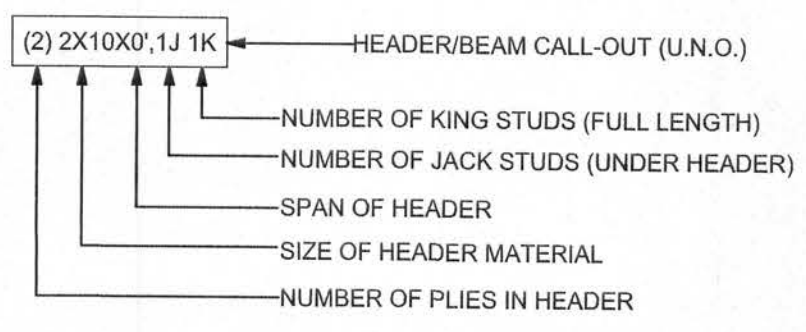
STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X10 SYP #2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- SN-3 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-4 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSI-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

WALL LEGEND

SWS = 0.0'	1ST FLOOR EXTERIOR WALL WITH 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 6" O.C. EDGE, 12" O.C. FIELD (U.N.O.)
SWS = 0.0'	2ND FLOOR EXTERIOR WALL WITH 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 8d COMMON NAILS 6" O.C. EDGE, 12" O.C. FIELD (U.N.O.)
IBW	1ST FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1
IBW	2ND FLOOR INTERIOR BEARING WALLS SEE DETAILS ON SHEET S-1

HEADER LEGEND



TOTAL SHEAR WALL SEGMENTS

SWS = 0.0' INDICATES SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	33.5'	60.0'
LONGITUDINAL	29.6'	48.0'

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER, ANDERSON TRUSS CO. JOB #6-312

WINDLOAD ENGINEER: Mark Disosway, P.E. No. 53915, P.O. Box 868, Lake City, FL 32066, 386-754-519

DIMENSIONS: Stated dimensions are per code scaled dimensions. Refuse 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 section R301.2.1, Florida building code residential 2004, to the best of my knowledge.

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

MARK DISOSWAY  
P.E. 53915  
*[Signature]*  
SEA

John & Alice  
Webb Residence

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PRINTED DATE:  
September 14, 2006

DRAWN BY:  
David Disosway

CHECKED BY:

FINALS DATE:  
14 / Sep / 06

JOB NUMBER:  
609052

DRAWING NUMBER  
**S-3**  
OF 1 SHEETS