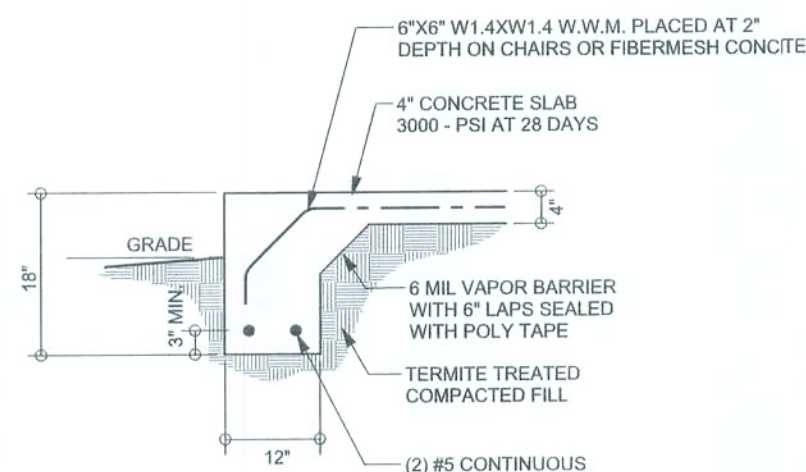


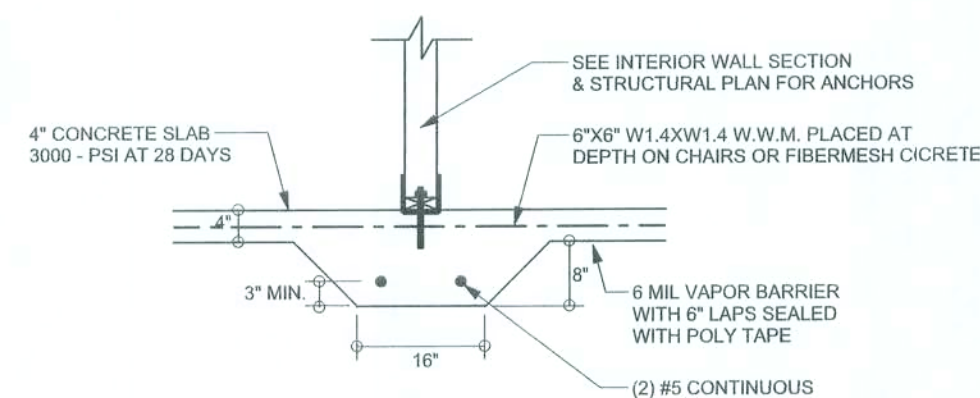
REVISIONS

18Jun09

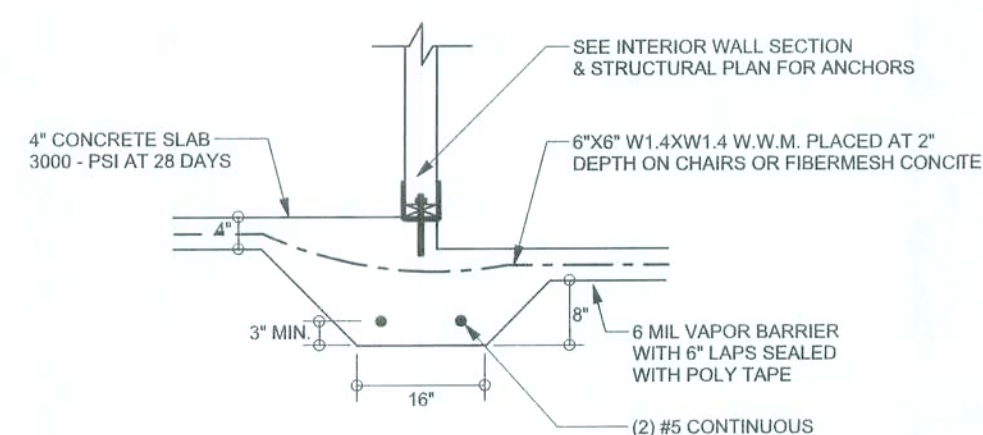
SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



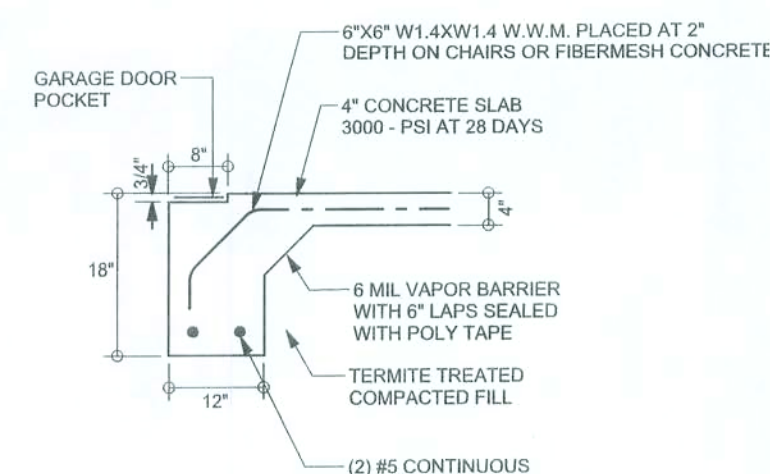
F1
S-2 MONOLITHIC FOOTING
SCALE: 1/2" = 1'-0"



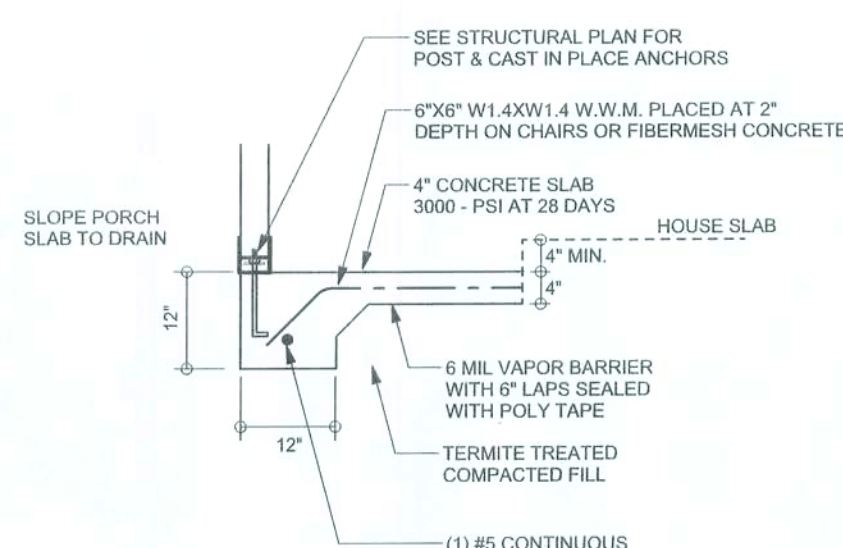
F2
S-2 INTERIOR BEARING FOOTING
SCALE: 1/2" = 1'-0"



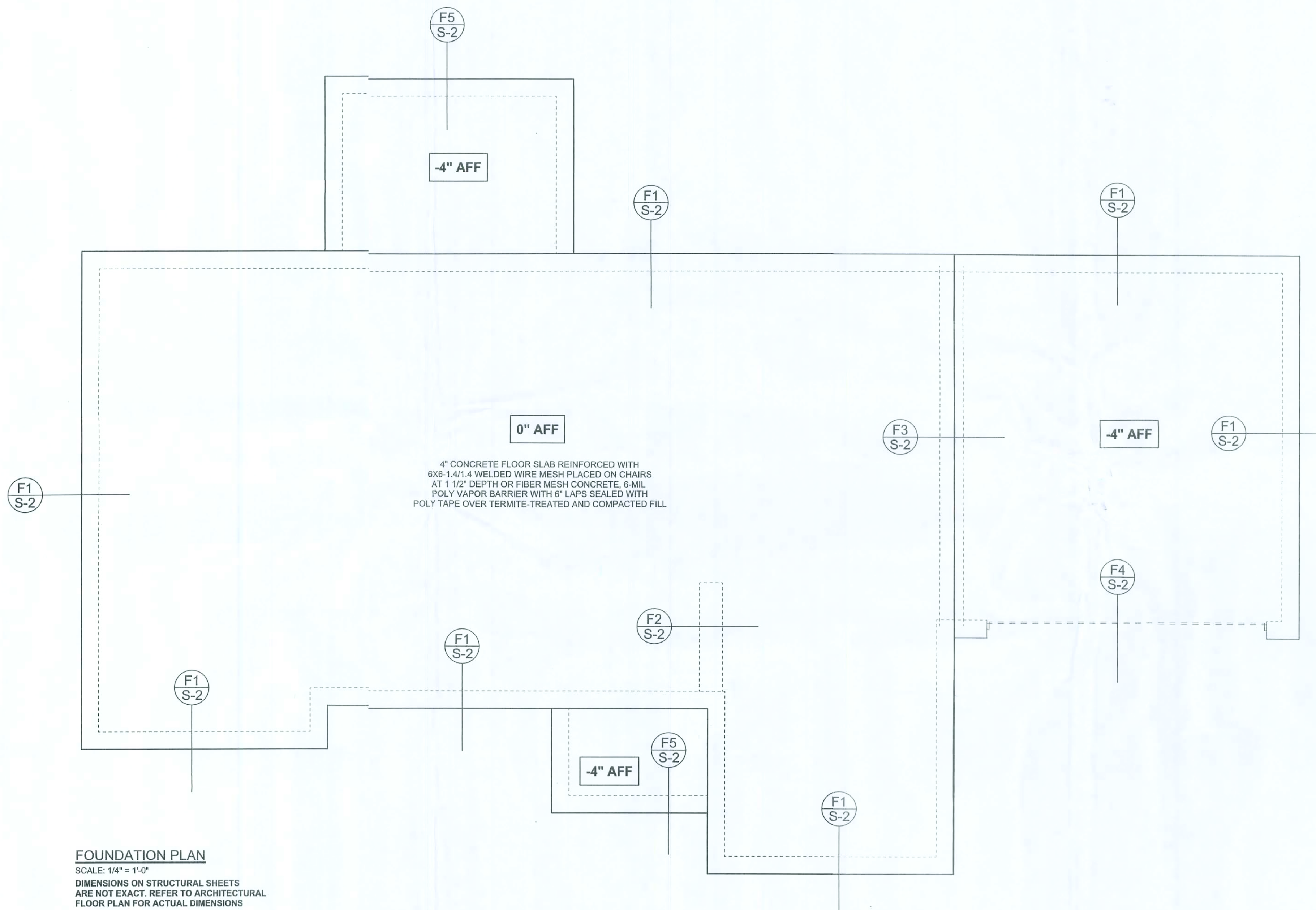
F3
S-2 INTERIOR BEARING STEP FOOTING
SCALE: 1/2" = 1'-0"



F4
S-2 GARAGE DOOR FOOTING
SCALE: 1/2" = 1'-0"



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 Discoway,
PE No. 53915, PCE868, Lake City, FL
32056, 386-754-549

DIMENSIONS:
Stated dimensions are approximate scaled
dimensions. Refer all questions to
Mark Discoway, P.E. for resolution.
Do not proceed without clarification.

COPYRIGHTS AND PROPERTY RIGHTS:
Mark Discoway, P.E. hereby expressly reserves
its common law copyrights and property right in
these instruments if service. This document is
not to be reproduced, altered or copied in any
form or manner without first the express written
permission and consent of Mark Discoway.

CERTIFICATION: hereby certify that I have
examined this plan and that the applicable
portions of this plan relating to wind engineering
comply with section R301 Z.1, Florida building
code residential 207, to the best of my
knowledge.

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

MARK DISCOWAY
P.E. 53915

18 JUN 09
SEAL

Doug Morgan

Lisa Model

ADDRESS:
Lot 15 Crosswinds S/D Phase 1
Columbia County, Florida

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

PRINTED DATE:

June 18, 2009

DRAWN BY: STRUCTURAL BY:
David Discoway

FINALS DATE
29 May 09

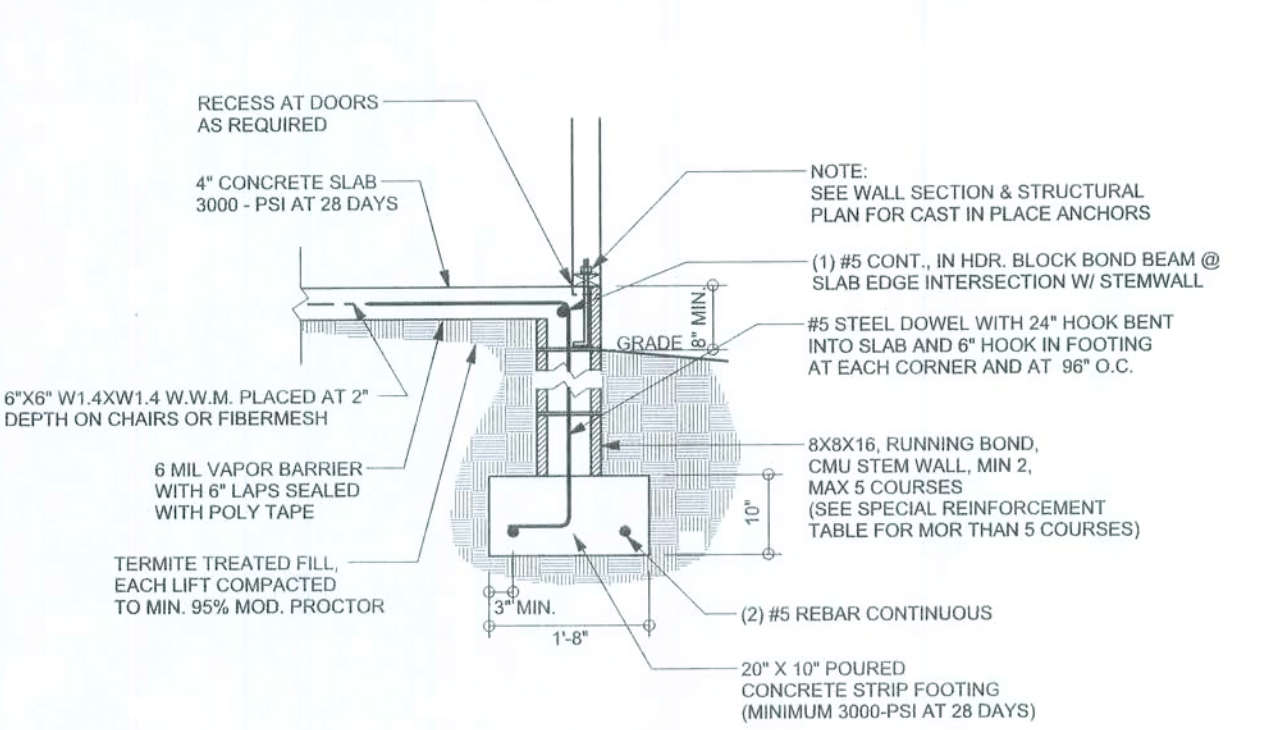
JOB NUMBER:
905287

DRAWING NUMBER
S-2

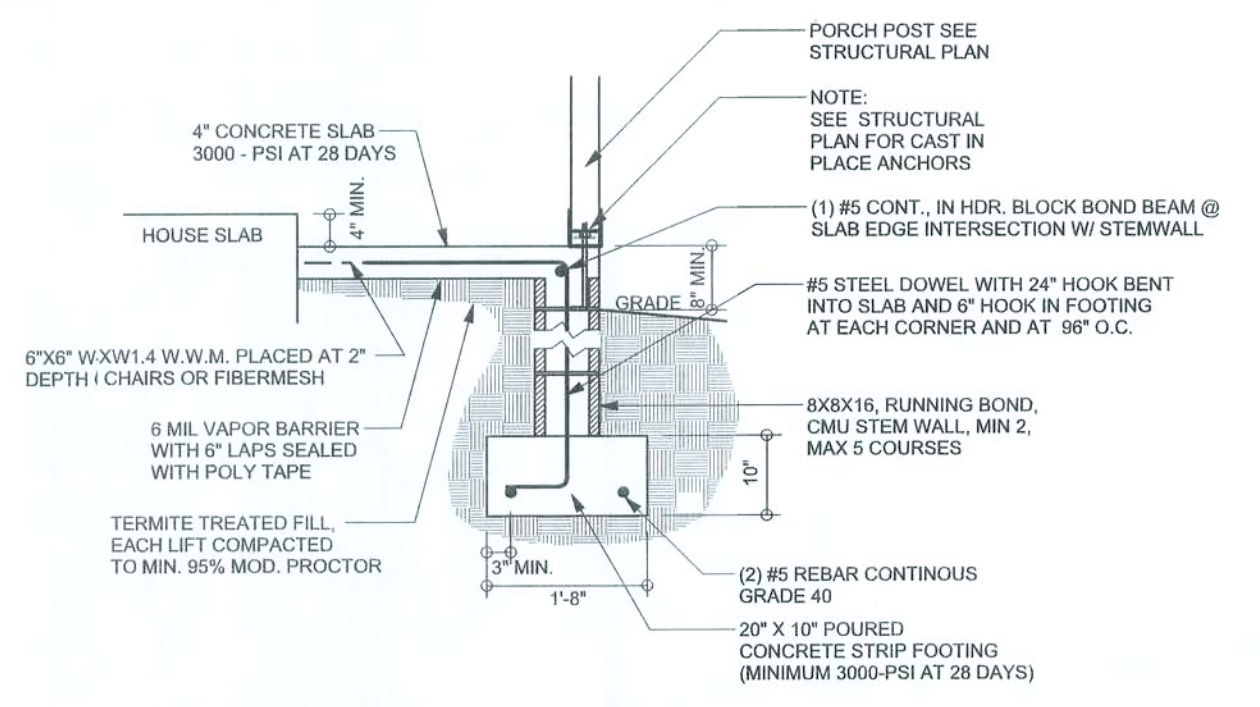
OF 3 SHEETS



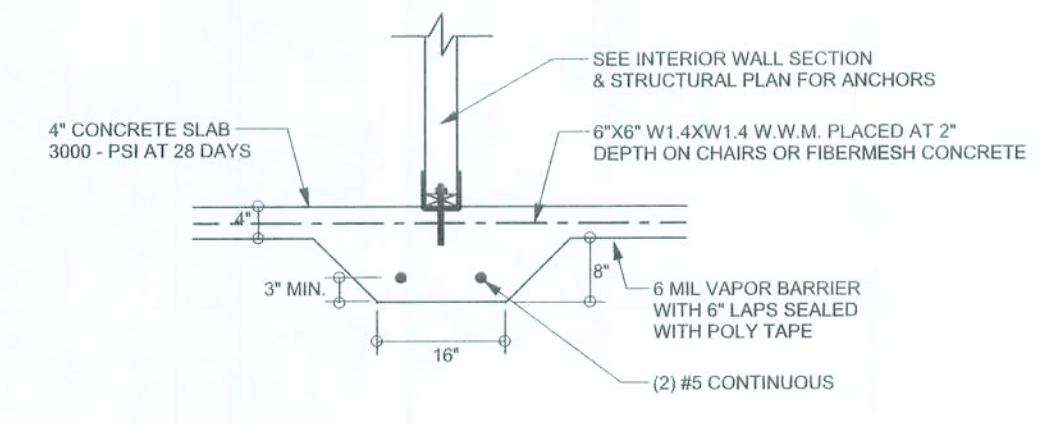
REVISONS	



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



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

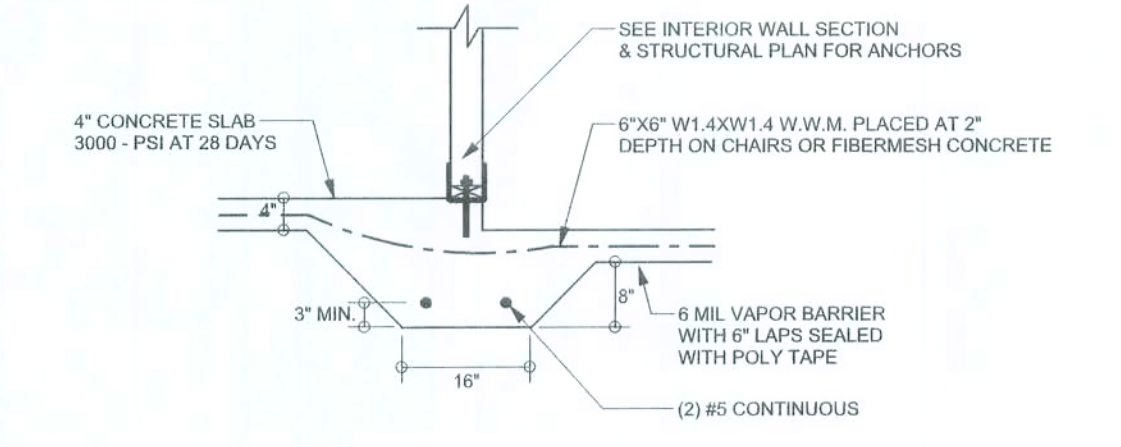


F2 S-2 INTERIOR BEARING FOOTING
SCALE: 1/2" = 1'-0"

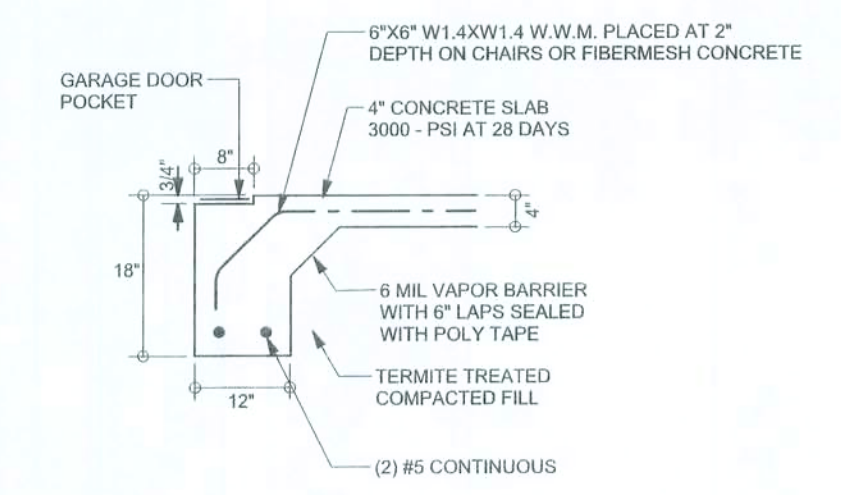
TALL STEM WALL TABLE

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 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 ladder reinforcement at 18" O.C. vertically or a horizontal bond beam with 1#5 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

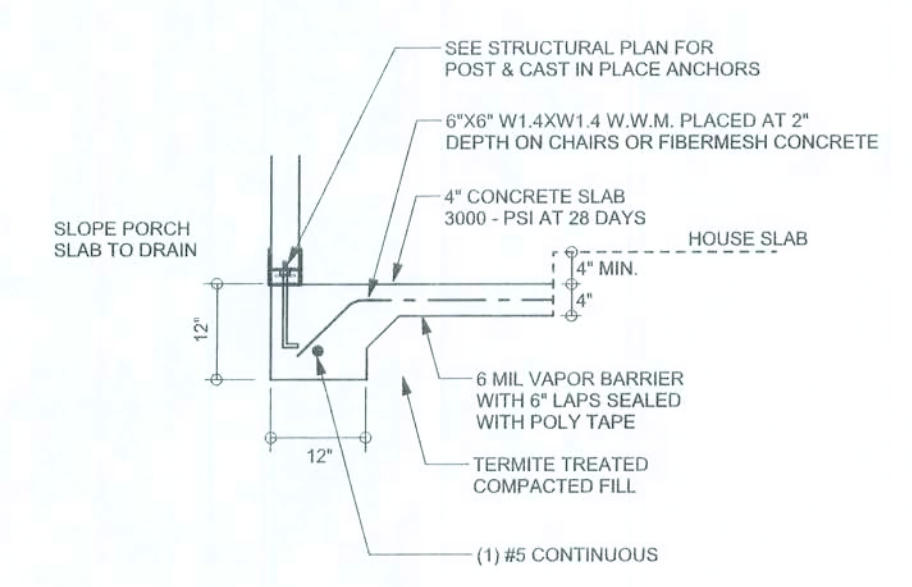
STEMWALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEMWALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEMWALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	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



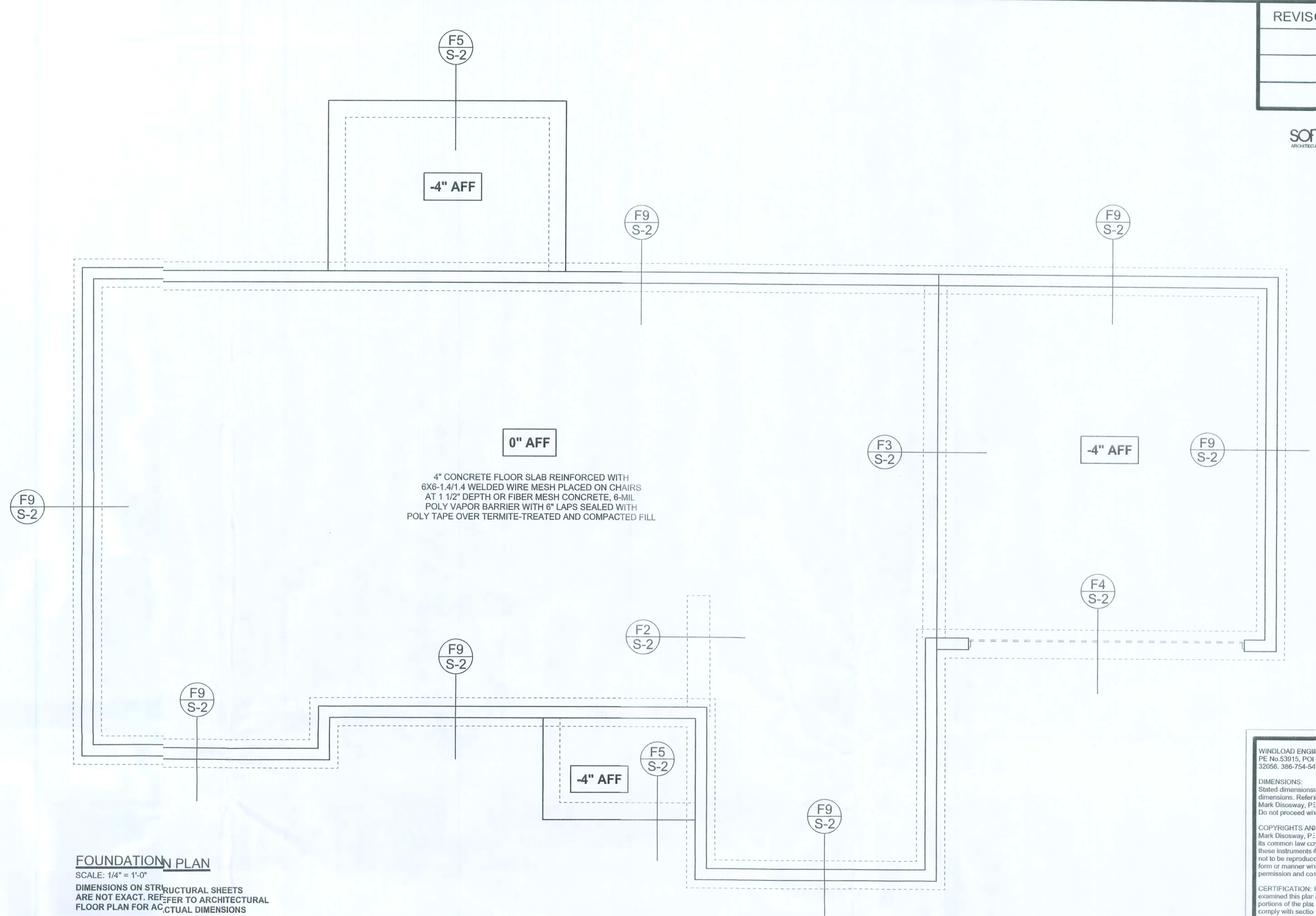
F3 S-2 INTERIOR BEARING STEP FOOTING
SCALE: 1/2" = 1'-0"



F4 S-2 GARAGE DOOR FOOTING
SCALE: 1/2" = 1'-0"



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 Discoway, P.E. No.53915, P.O. Box 888, Lake City, FL 32056, 386-754-5419

DIMENSIONS: Stated dimensions supersede scaled dimensions. Refer all questions to Mark Discoway, P.E. for resolution. Do not proceed without clarification.

COPYRIGHTS AND PROPERTY RIGHTS: Mark Discoway, P.E. hereby expressly reserves its common law copyrights and property right in these instruments of service. This document is not to be reproduced, altered or copied in any form or manner without first line express written permission and consent of Mark Discoway.

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 F301.2.1, Florida building code residential 207, to the best of my knowledge.

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

MARK DISCOWAY
P.E. 53915

SEAL

Doug Morgan

Lisa Model

ADDRESS:
Lot 15 Crosswinds S/D Phase I
Columbia County, Florida

Mark Discoway P.E.
P.C. Box 888
Lake City, Florida 32056
Phone: (86) 754 - 5419
Fax: (36) 269 - 4871

PRINTED DATE:
May 3, 2009

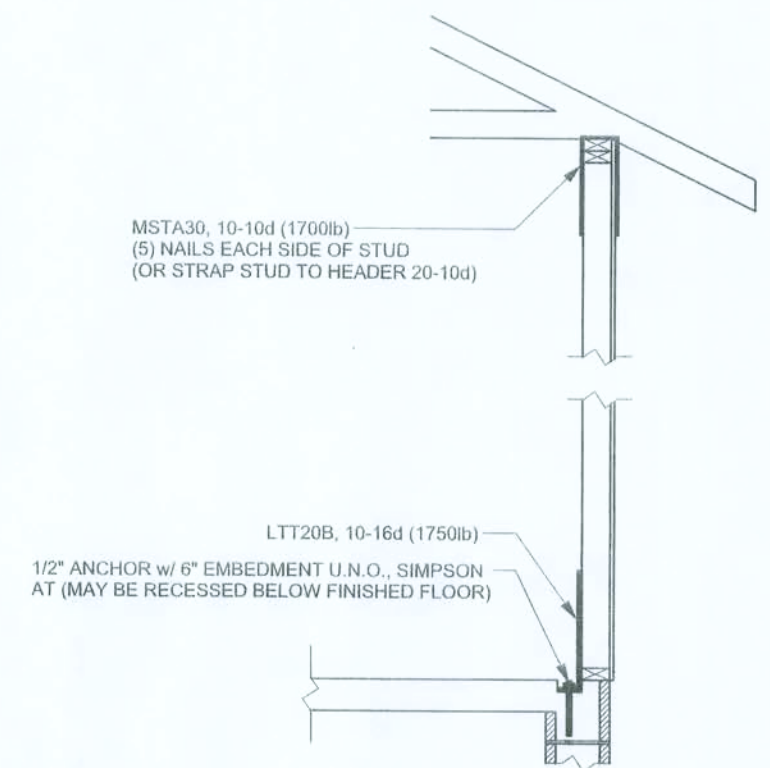
DRAWN BY: STRUCTURAL BY:
David Discoway

FINALS DATE:
29May09

JOB NUMBER:
05287

DRAWING NUMBER
S-2
03 SHEETS

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



ALTERNATE WALL TIE CONNECTION WHERE
THREADED ROD CANNOT BE PLACED IN WALL
SCALE: 1/2" = 1'-0"

WINDLOAD ENGINEER: Mark Disosway
PE No.53915, IOB 868, Lake City, FL
32056, 386-7545419

DIMENSIONS:
Stated dimensions supercede scaled dimensions. Reer all questions to Mark Disosway P.E. for resolution.

COPYRIGHTS AND PROPERTY RIGHTS:
Mark Disoway P.E. hereby expressly reserves its common law copyrights and property right in these instruments of service. This document is not to be reproduced, altered or copied in any form or manner without first the express written permission and consent of Mark Disoway.

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 residential2007, to the best of my knowledge.

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

MARK DISOSV
D.F. 52015

1.2. 55512

Doug Morgan

Lisa Model

ADDRESS:
Lot 15 Cosswinds S/D Phase 1
Columbia County, Florida

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

PRINTED DATE:

DRAWN E

STRUCTURAL BY:
David Disosway

FINALS D
29May09

JOB NUMBER:
905287

DRAWING NUMBER

S-3

OF 3 SHEETS

CONNECTIONS, WALL, & HEADER DESIGN IS BASED
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING
FURNISHED BY BUILDER. ANDERSON TRUSS CO.
(JOB #9-115)

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

SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS
SHALL BE A MINIMU OF (2) 2X12 SYP#2 (U.N.O.)

SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS
SHALL BE A MINIMU OF (2) 2X12 SYP#2 (U.N.O.)

SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JAC 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 TO BE RESTRAINED PER BCSI-03, BCSI-B1, BCSI-B2, 8CSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

SWS = 0.0'	1ST FLOOR EXTERIOR WALL
SWS = 0.0'	2ND FLOOR EXTERIOR
IBW	1ST FLOOR INTERIOR BEARING WALLS
IBW	2ND FLOOR INTERIOR BEARING WALLS

● INDICATES LOCATION OF:
1ST FLOOR 1/2" A307 ALL THREADED ROD

⊗ INDICATES LOCATION OF:
2ND FLOOR 1/2" A307 ALL THREADED ROD

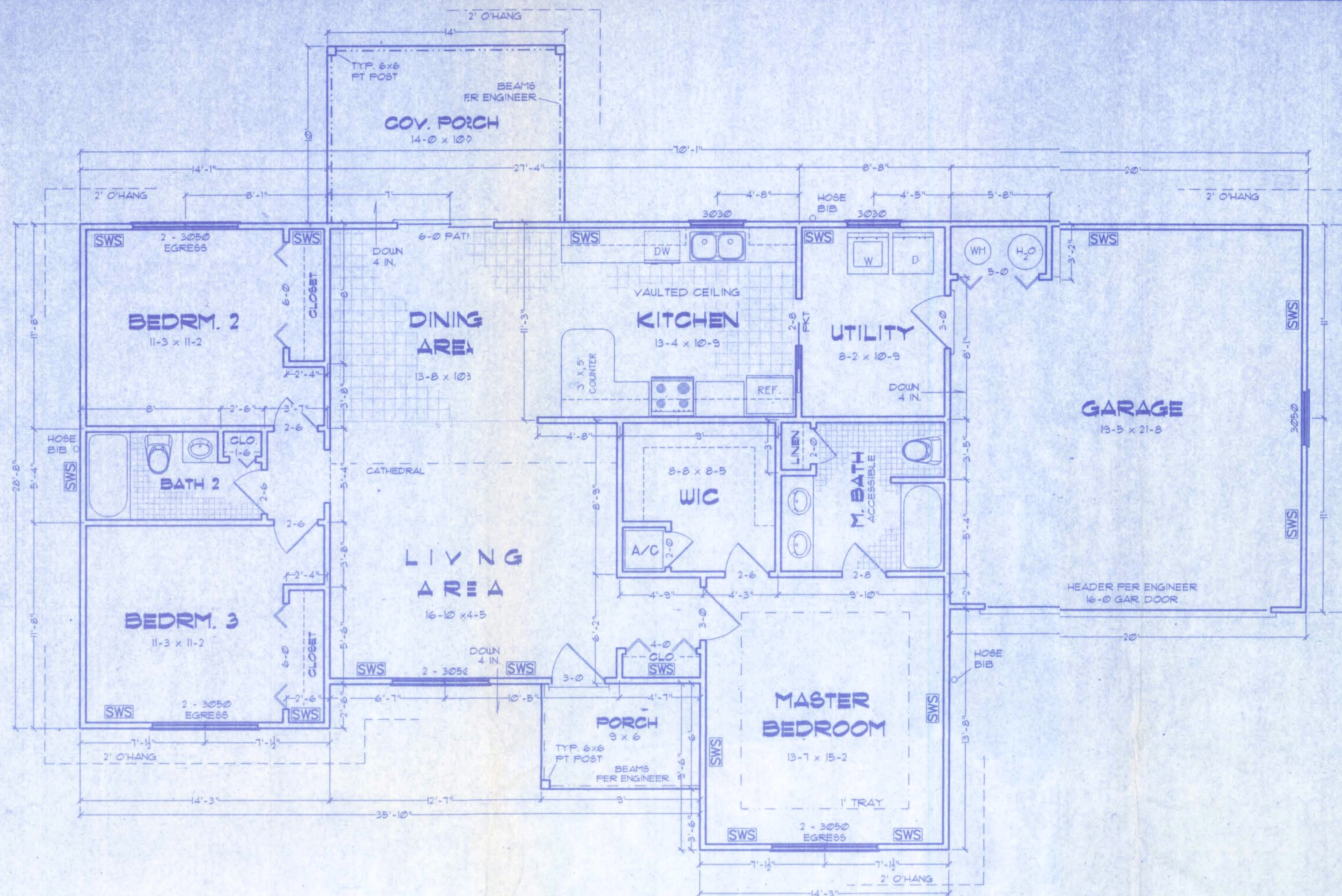
Diagram illustrating the components and dimensions of a 2X12X0' header:

- 2X12X0' (Header/Beam Call-Out (U.O.))
- NUMBER OF KING STUDS (FULL LENGTH)
- NUMBER OF JACK STUDS (UNDER HEADER)
- SPAN OF HEADER
- SIZE OF HEADER MATERIAL
- NUMBER OF PLIES IN HEADER

TOTAL SHEAR WALL SEGMENTS

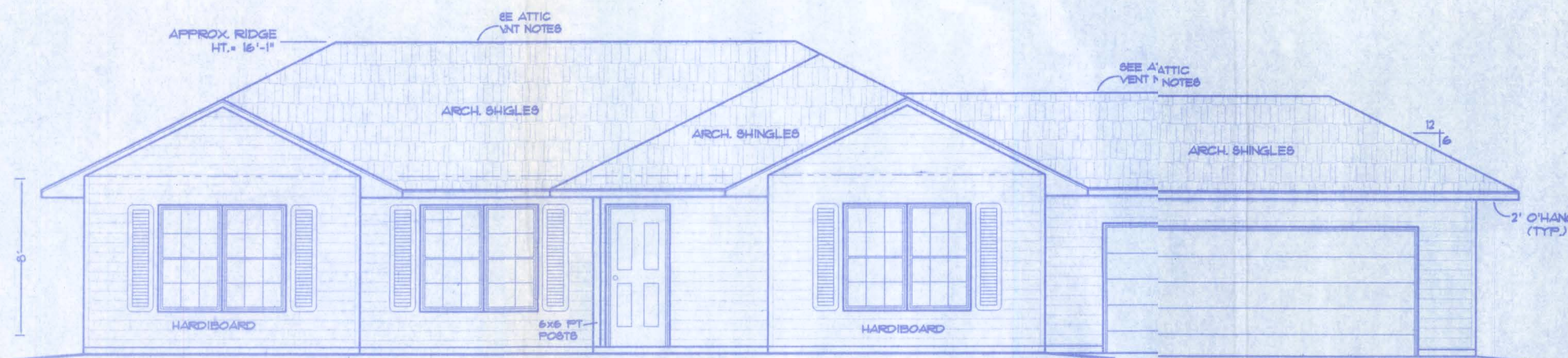
SWS = 0.0* INDICATES SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	31.2'	70.0'
LONGITUDINAL	28.5'	79.0'



FLOOR PLAN

SCALE: 1/4 IN. = 1 FT.



FRONT ELEVATION

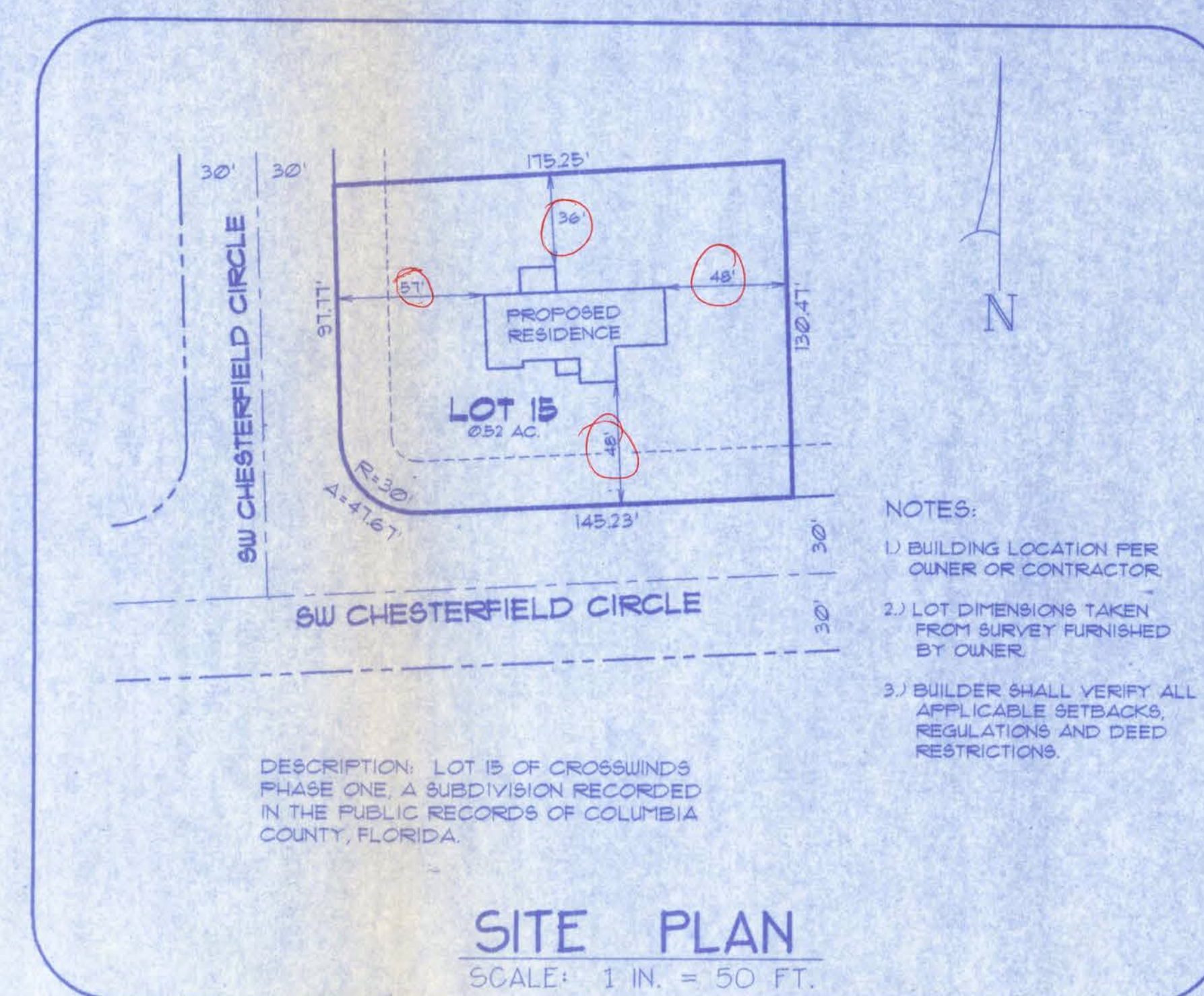
SCALE: 1/4 IN. = 1 FT.

ATTIC VENTILATION

Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain. Ventilating openings shall be provided with corrosion-resistant wire mesh, with 1/8 inch (3.2 mm) minimum to 1/4 inch (6.4 mm) maximum openings.

The total net free ventilating area shall not be less than 1 to 150 of the area of the space ventilated except that the total area is permitted to be reduced to 1 to 300, provided at least 50 percent and not more than 10 percent of the required ventilating area is provided by ventilators located in the upper portion of the space to be ventilated at least 3 feet (914 mm) above eave or cornice vents with the balance of the required ventilation provided by eave or cornice vents.

Lisa Model



SITE PLAN

SCALE: 1 IN. = 50 FT.

NOTES:

- 1) BUILDING LOCATION PER OWNER OR CONTRACTOR.
- 2) LOT DIMENSIONS TAKEN FROM SURVEY FURNISHED BY OWNER.
- 3) BUILDER SHALL VERIFY ALL APPLICABLE SETBACKS, REGULATIONS AND DEED RESTRICTIONS.

DESCRIPTION: LOT 15 OF CROSSWINDS PHASE ONE, A SUBDIVISION RECORDED IN THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

AREA SUMMARY

CONDITIONED	1482 SF
PORCH	54 SF
GARAGE	440 SF
PATIO	112 SF

SWS - Indicates a shearwall segment location referring to the labeled section of wall lying between the adjacent window / door openings in either direction. The shearwall areas have a height/width aspect ratio of 3-1/2 : 1 or wider.

Index to Sheets

SHEET A-1	FLOOR PLAN + ELEVATION + SITE PLAN
SHEET A-2	ELEVATIONS + GEN. NOTES
SHEET A-3	WALL SECTION + FOUNDATION
SHEET A-4	ELECTRICAL PLAN
SHEET S-1	WIND ENGINEERING

WINDLOAD ENGINEER: Mark Disoway, PE No.53915, POB 868, Lake City, FL 32056, 386-754-5419

CERTIFICATION: These plans and "Windload Engineering", Sheet S-1, attached, comply with Florida Building Code Residential 2007, Section R301.2.1 to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location, permitted within 90 days of signature date. In case of conflict, structural requirements, scope of work, and builder responsibilities on sheet S-1 control.

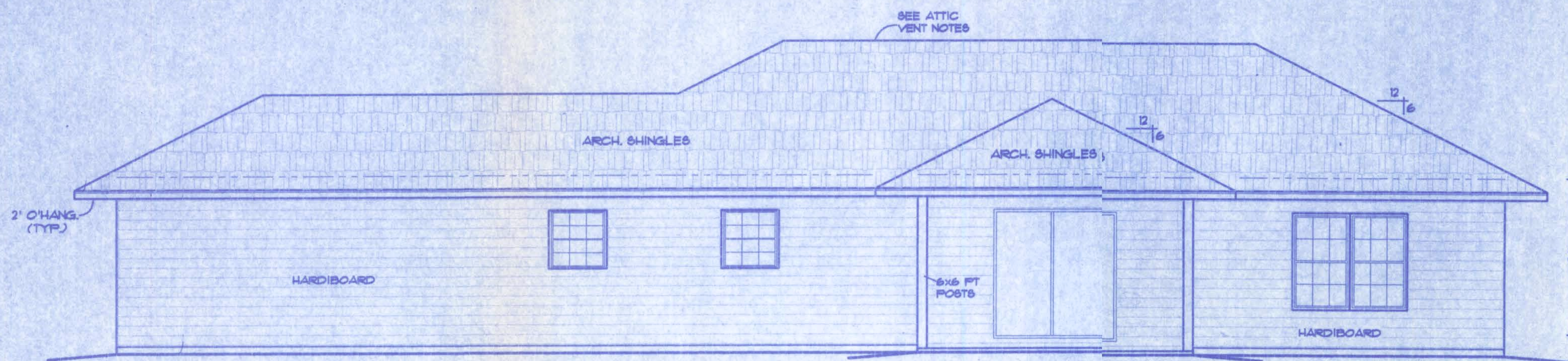
SW CHESTERFIELD CIRCLE
LAKE CITY, FL 32055

Job No.: 905287

A-1

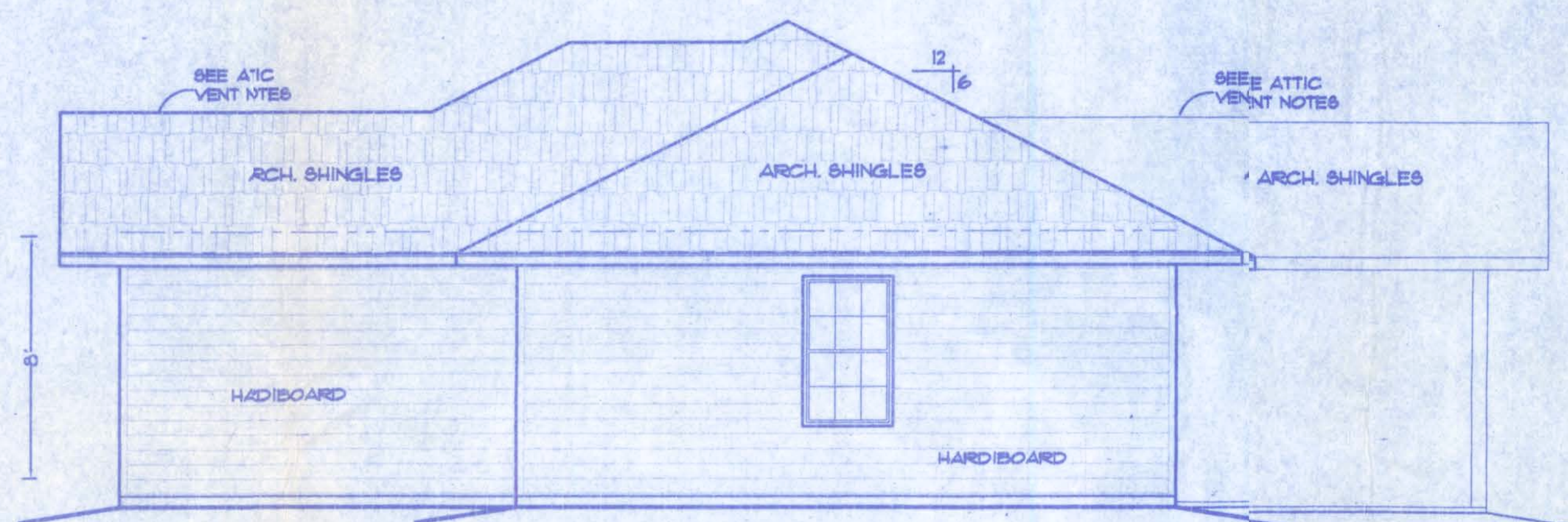
FILE: 09-009	THE Lisa MODEL	SHEET 1 OF 4
DATE: 5-18-09	DRAWN BY: TIM DELBENE Drafting + Technical Services	CAD FILE: 09009
CHECKED BY: TAD	PREPARED BY: 192 SW Sagewood Cir. Lake City, FL 32024 Phone (386) 755-5891	REV: 10/31/03





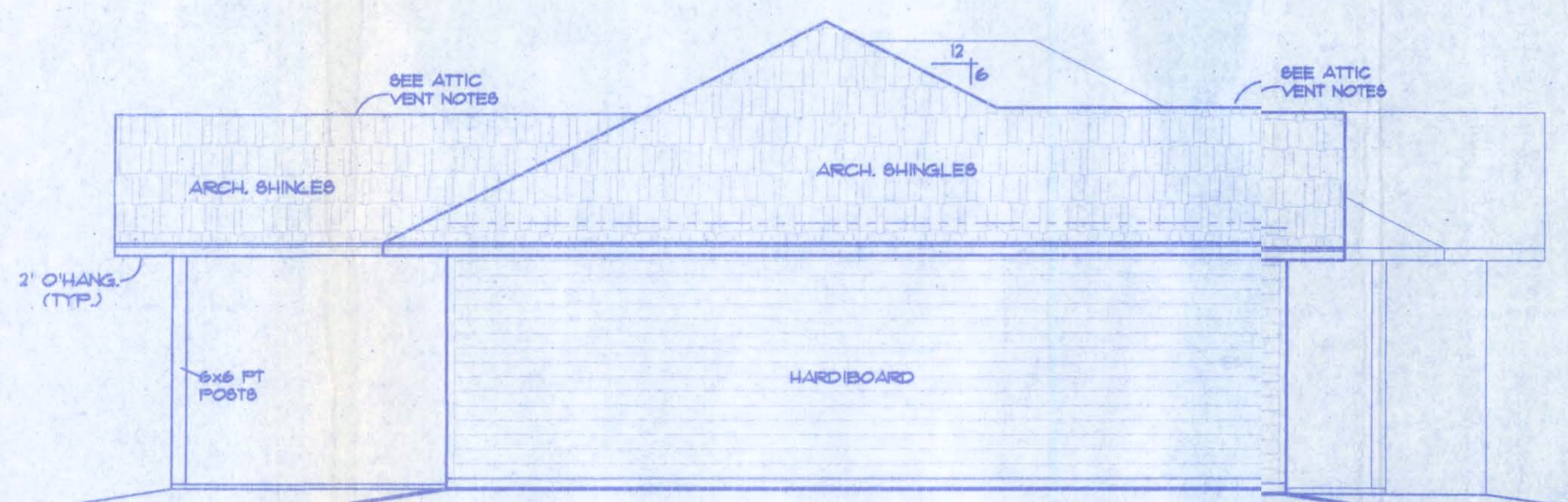
REAR ELEVATION

SCALE: 1/4 IN. = 1 FT.



RIGHT ELEVATION

SCALE: 1/4 IN. = 1 FT.



LEFT ELEVATION

SCALE: 1/4 IN. = 1 FT.

GENERAL NOTES

- 1.) See "Wind Load Detail Sheet S-1" and Wind Engineer's Notes for data pertaining to Wind Design and compliance w/ Florida Building Code.
- 2.) All concrete used to be 2500 PSI strength or greater.
- 3.) HVAC duct and unit size/design is by engineered shop drawings from the AC contractor.
- 4.) Windows to be alum. framed and double glazed. Sizes shown are nominal and may vary with manufacturer.
- 5.) Roof Truss design is the responsibility of the supplier.
- 6.) The Truss Manufacturer shall prepare Shop Drawings indicating Truss placement, Girder locations, Truss-to-Truss Connections and any point loads. The Contractor shall notify the Designer of any point loads in excess of 2.0k for Fnd. Modification.
- 7.) Site analysis or preparation information is not a part of this plan and is the responsibility of the owner.
- 8.) Cabinet and millwork detail is not a part of this plan. The plan is a general design and details shall be the responsibility of the owner and/or contractor.

ATTIC VENTILATION

Enclosed attics and enclosed rafter spaces formed where ceilings are applied directly to the underside of roof rafters shall have cross ventilation for each separate space by ventilating openings protected against the entrance of rain. Ventilating openings shall be provided with corrosion-resistant wire mesh, with 1/8 inch (3.2 mm) minimum to 1/4 inch (6.4 mm) maximum openings.

The total net free ventilating area shall not be less than 1 to 150 of the area of the space ventilated except that the total area is permitted to be reduced to 1 to 300, provided at least 50 percent and not more than 80 percent of the required ventilating area is provided by ventilators located in the upper portion of the space to be ventilated at least 3 feet (914 mm) above eave or cornice vents with the balance of the required ventilation provided by eave or cornice vents.

WINDLOAD ENGINEER: Mark Disosway, PE No.53915, POB 868, Lake City, FL 32056, 386-754-5419

CERTIFICATION: These plans and "Windload Engineering", Sheet S-1, attached, comply with Florida Building Code Residential 2007, Section R301.2.1 to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location, permitted within 90 days of signature date. In case of conflict, structural requirements, scope of work, and builder responsibilities on sheet S-1 control.

8W CHESTERFIELD CIRCLE
LAKE CITY, FL 32055

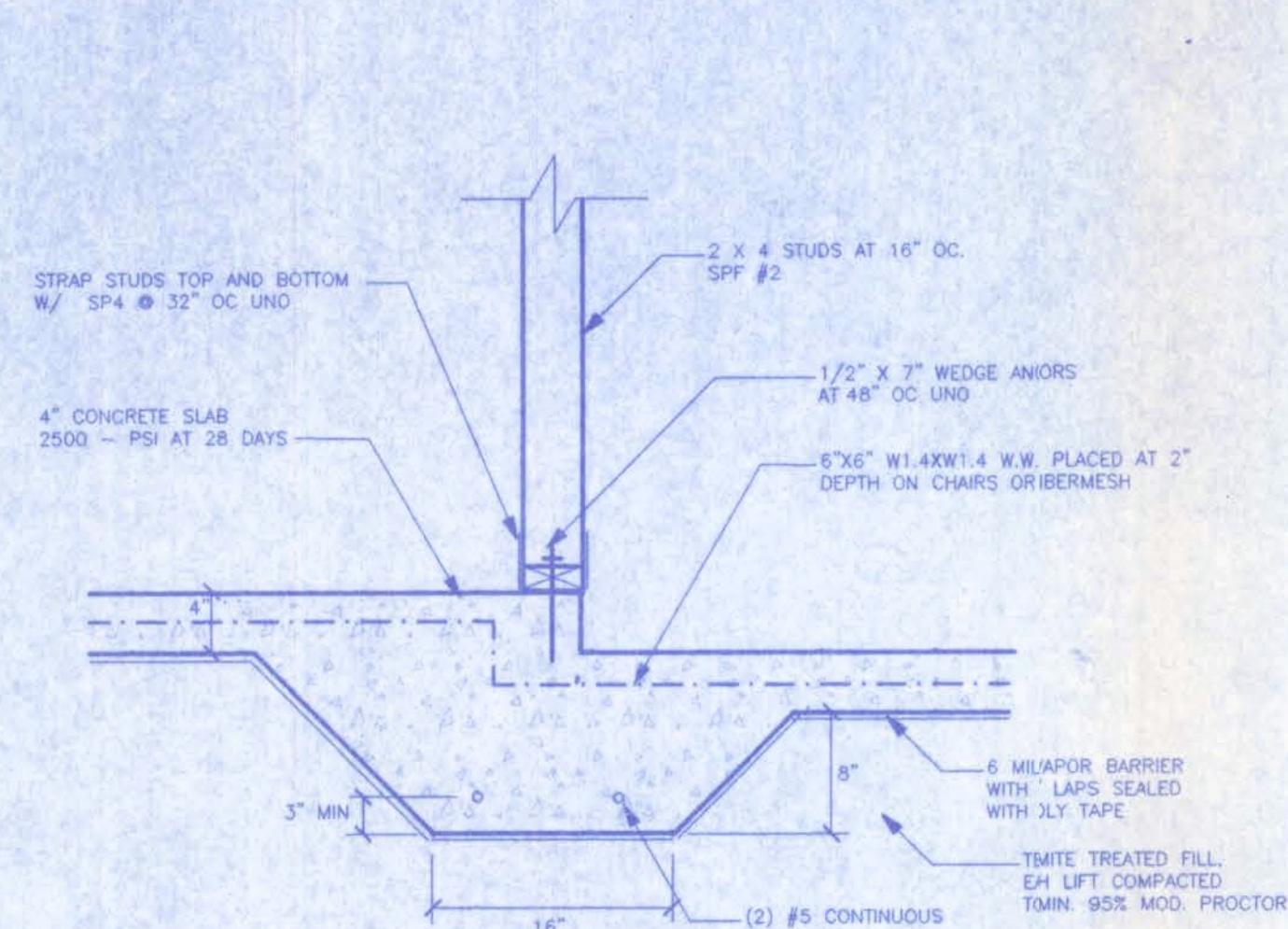
Job No.:

905287

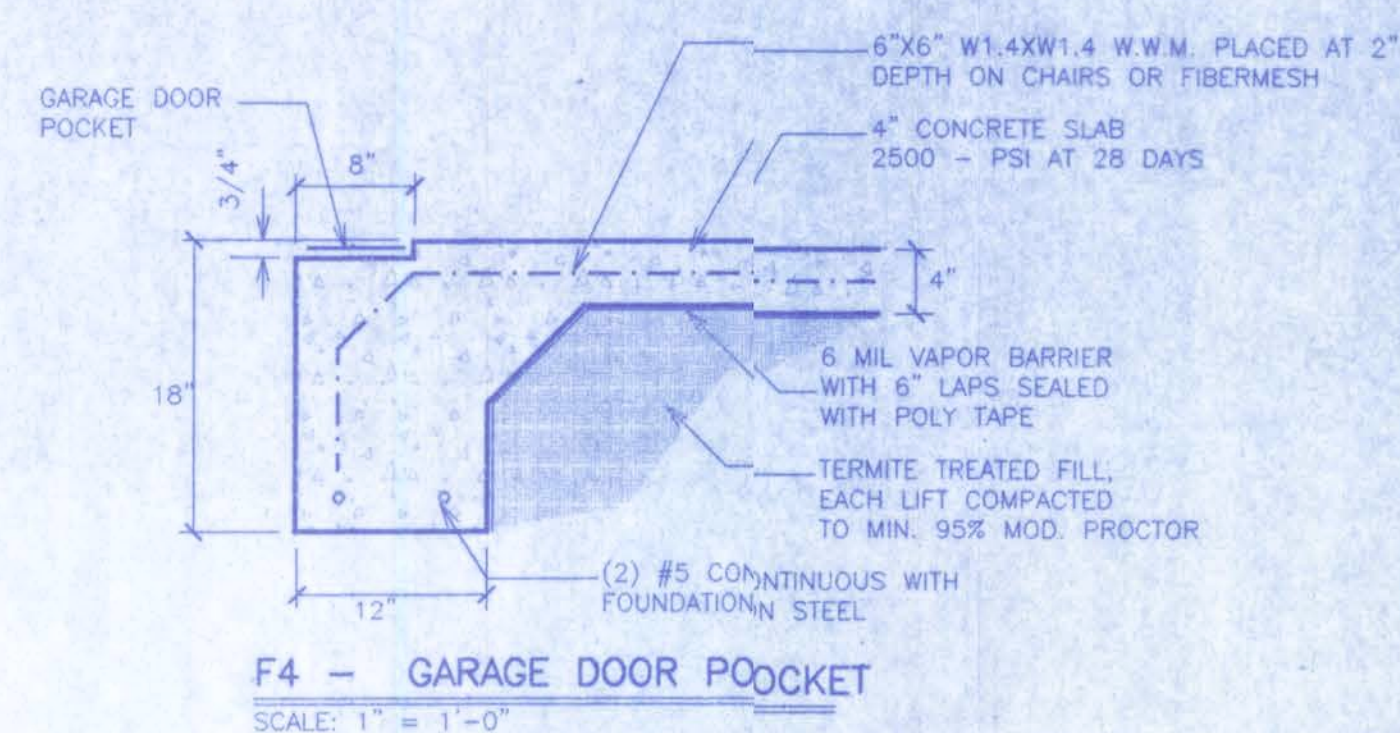
18 JUN 09

A-2

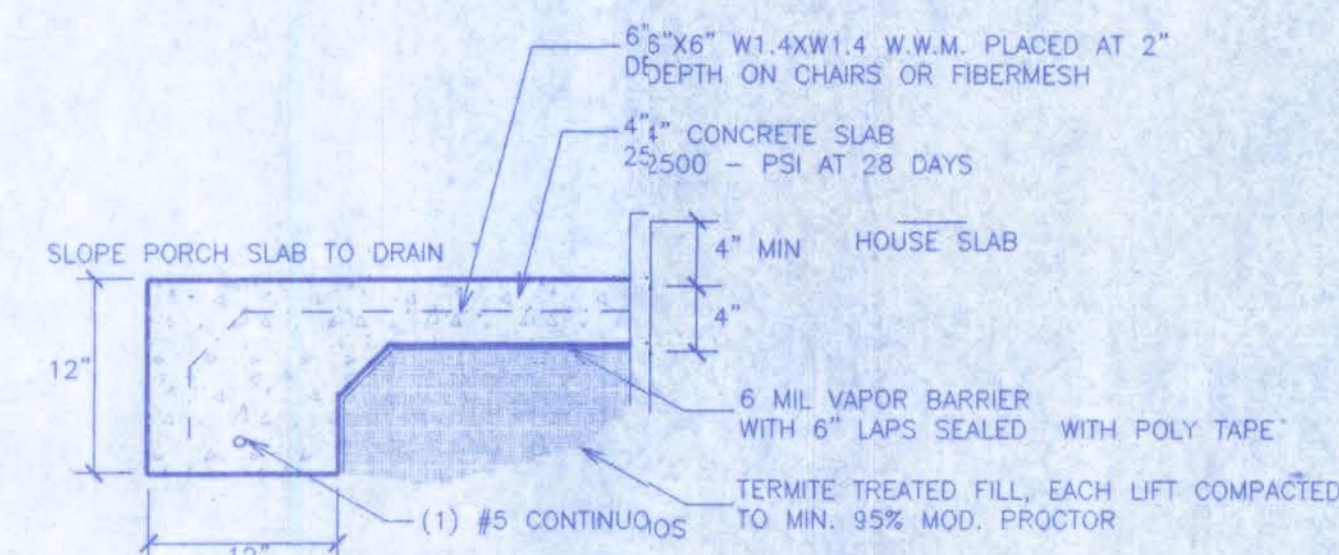
FILE: 09-009	THE <i>Lisa</i> MODEL	SHEET: 2 OF 4
DATE: 5-18-09		CAD FILE: C9009
DRAWN: T A D	PREPARED BY: TIM DELBENE Drafting + Technical Services	REV: 12/30/03
CHECK: T A D	142 SW Sagewood Cir. Lake City, FL 32034 Phone (386) 755-5841	REV:



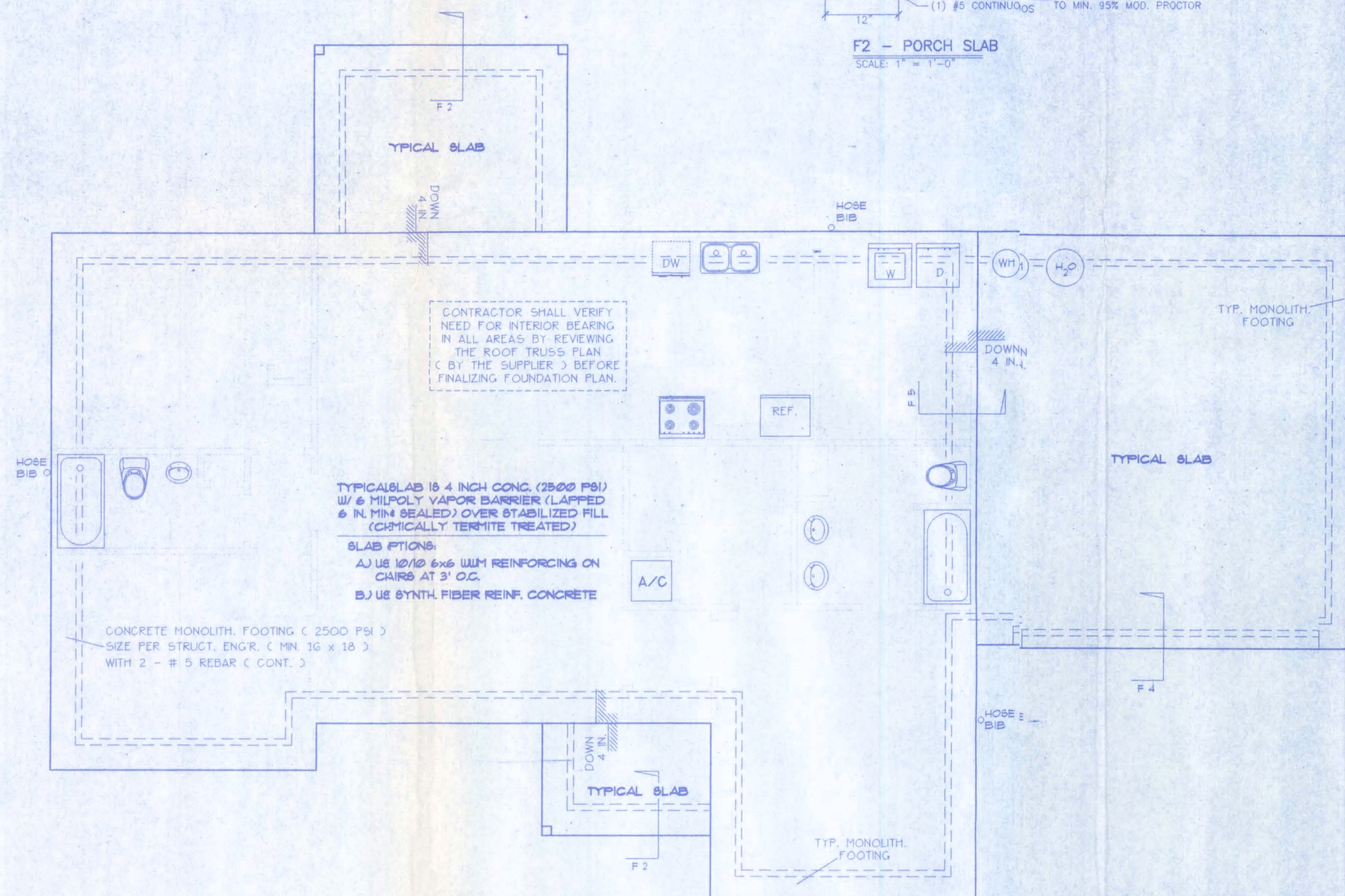
F5 - INTERIOR BEARING STEP FOOTING
SCALE: 1" = 1'-0"



F4 - GARAGE DOOR POCKET
SCALE: 1" = 1'-0"



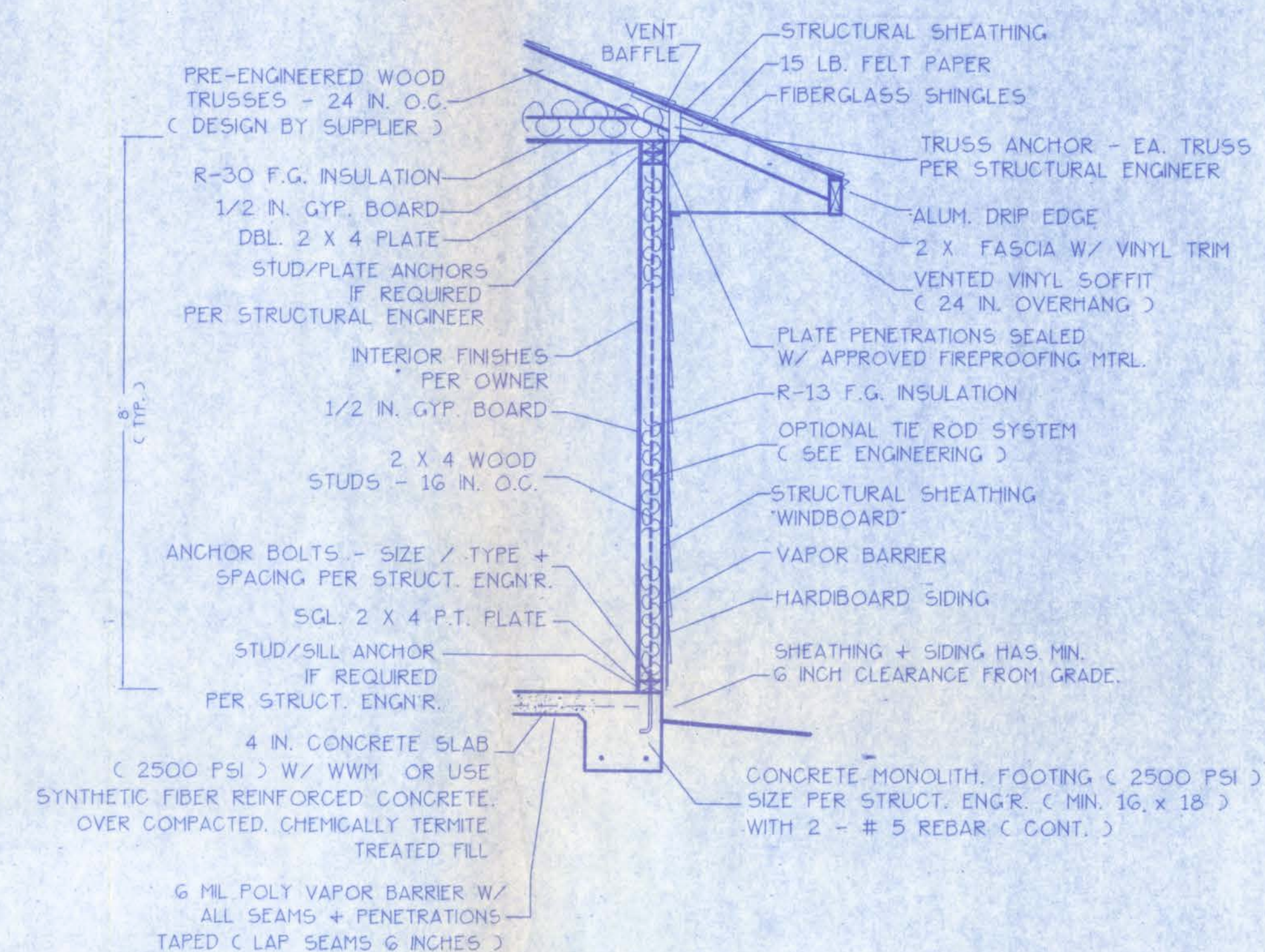
F2 - PORCH SLAB
SCALE: 1" = 1'-0"



FOUNDATION PLAN
SCALE: 1/4 IN. = 1 FT.

FOUNDATION NOTES:

- CONTRACTOR SHALL EXAMINE ROOF TRUSS PLAN (BY SUPPLIER) TO DETERMINE ANY ADDITIONAL BEARING REQUIREMENTS BEFORE FINALIZING THE FOUNDATION PLAN.
- ALL CONCRETE IS 2500 PSI STRENGTH (MIN.)
- VERIFY DIMENSIONS WITH FLOOR PLAN
- SITE ANALYSIS AND PREPARATION DATA IS NOT A PART OF THIS PLAN AND IS THE RESPONSIBILITY OF THE CONTRACTOR / OWNER.



WALL SECTION NOTES:

- This Typical Wall Section is for Estimating purposes only.
- All data shown in this Wall Section shall be subject to review and final input by the Structural Engineer.

DESIGN WALL SECTION

NON-STRUCTURAL DATA

SCALE: 1/2 IN. = 1 FT.

WINDLOAD ENGINEER: Mark Disosway, PE No.53915, POB 868, Lake City, FL 32056, 386-754-5419

CERTIFICATION: These plans and "Windload Engineering", Sheet S-1, attached, comply with Florida Building Code Residential 2007, Section R301.2.1 to the best of my knowledge.

LIMITATION: This design is valid for one building, at specified location, permitted within 90 days of signature date. In case of conflict, structural requirements, scope of work, and builder responsibilities on sheet S-1 control.

911 CHESTERFIELD CIRCLE
LAKE CITY, FL 32055

Location:

Job No.:

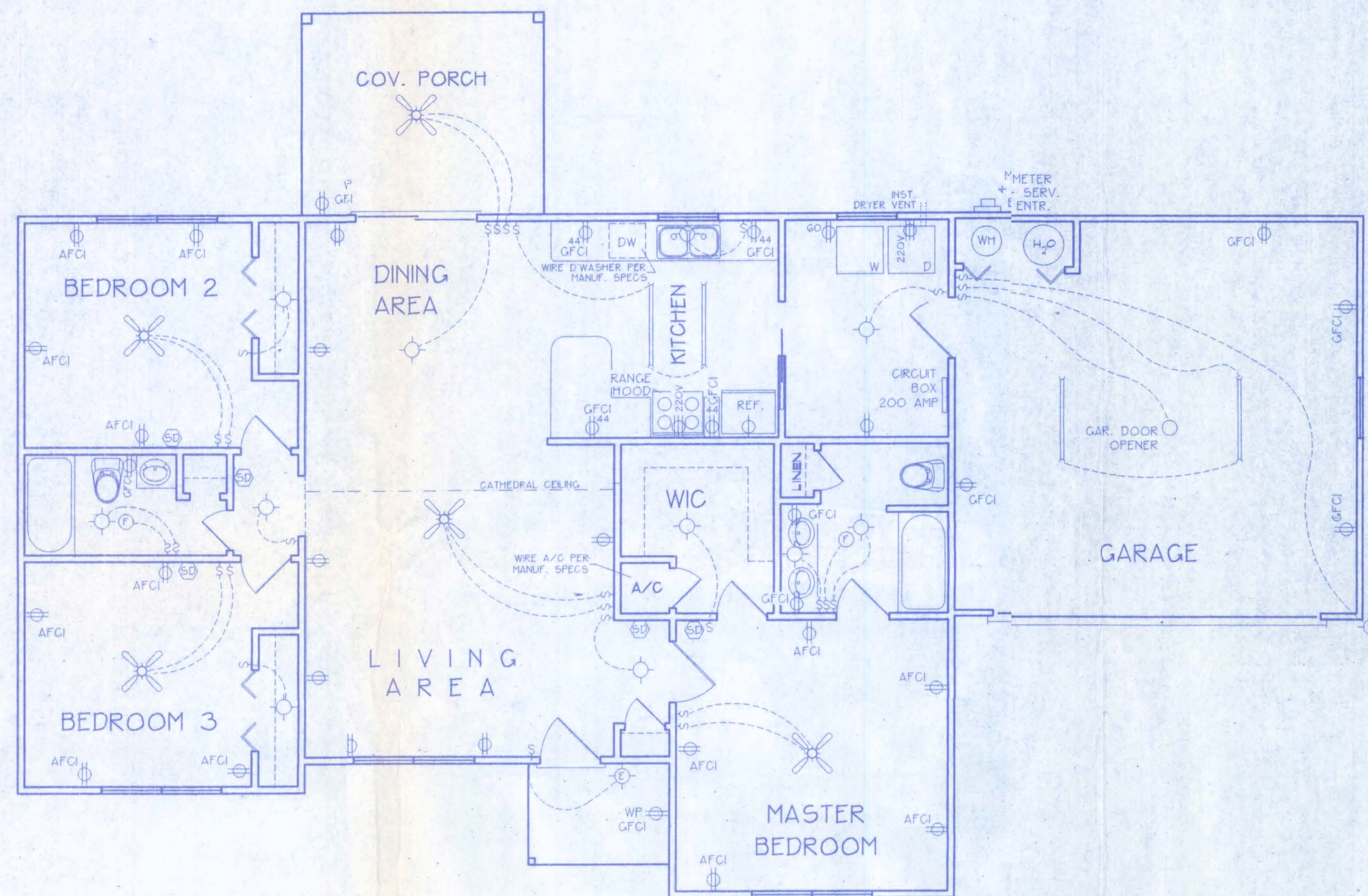
905287

1800

1800

A-3

FILE: 09-009	THE <i>Lisa</i> MODEL	SHEET: 3 OF 4
DATE: 5-18-09		CAD FILE: 09009
DRAWN: T A D	PREPARED BY: TIM DELBENE Drafting + Technical Services	REV: 6/15/09
CHECK: T A D	192 SW Sagewood Cir., Lake City, FL 32024 Phone: (386) 755-5891	REV:



ELECTRICAL PLAN
NOT TO SCALE

ELECTRICAL SYMBOL LEGEND

	= FLOURESCENT LIGHTING FIXTURE.
	= CEILING LIGHT FIXTURE
	= EXTERIOR LIGHTING FIXTURE
	= LIGHT SWITCH.
	= THREE-WAY SWITCH.
	= 110 V. DUPLEX OUTLET.
	= SPECIAL HEIGHT 110 V. DUPLEX OUTLET
	= GROUND FAULT CIRC. OUTLET
	= ARC FAULT CIRC. OUTLET
	= 110 V. SINGLE RECEPTACLE OUTLET.
	= 220 VOLT OUTLET (4 WIRE)
	= FAN LOCATION (CEILING)
	= FAN LOCATION (EXHAUST) 35 CFM
	= SMOKE DETECTOR

ELECTRICAL PLAN NOTES

- WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
- CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
- ALL INSTALLATIONS SHALL BE PER NAT'L. ELECTRIC CODE.
- ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLINKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
- TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, + IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.
- ELECTRICAL CONTR. SHALL BE RESPONSIBLE FOR THE DESIGN + SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
- ENTRY OF SERVICE (UNDERGROUND OR OVERHEAD) TO BE DETERMINED BY POWER COMPANY + OWNER.

SW CHESTERFIELD CIRCLE
LAKE CITY, FL 32055

A-4

FILE: 09-00	THE <i>Lisa</i> MODEL	SHEET: 4 OF 4
DATE: 5-18-09		CAD FILE: 09009
DRAWN: T A D	PREPARED BY: TIM DELBENE Drafting + Technical Services	REV: 030/03
CHECK: T A D	192 SW Sagewood Cir., Lake City, FL 32024 Phone (386) 755-5891	REV:

2/27/2008