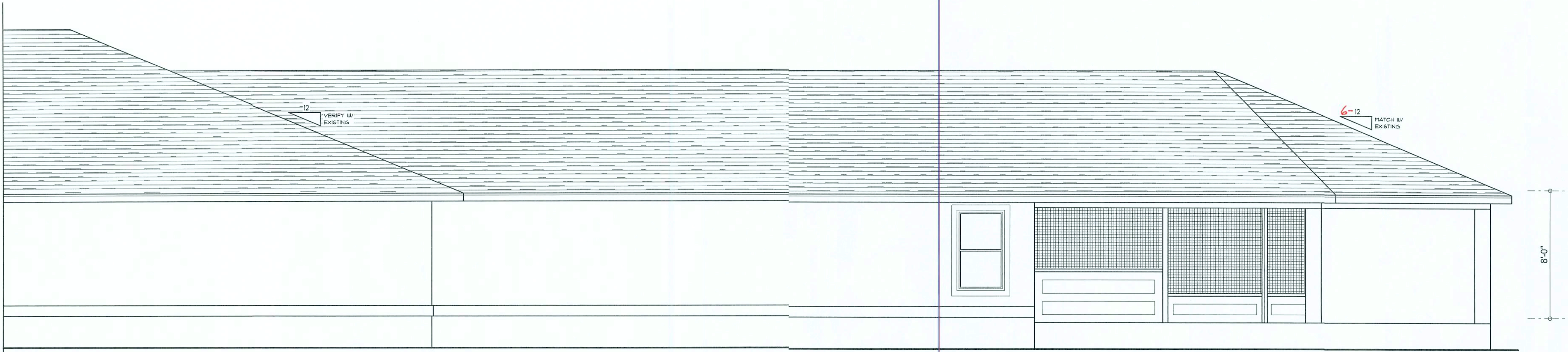
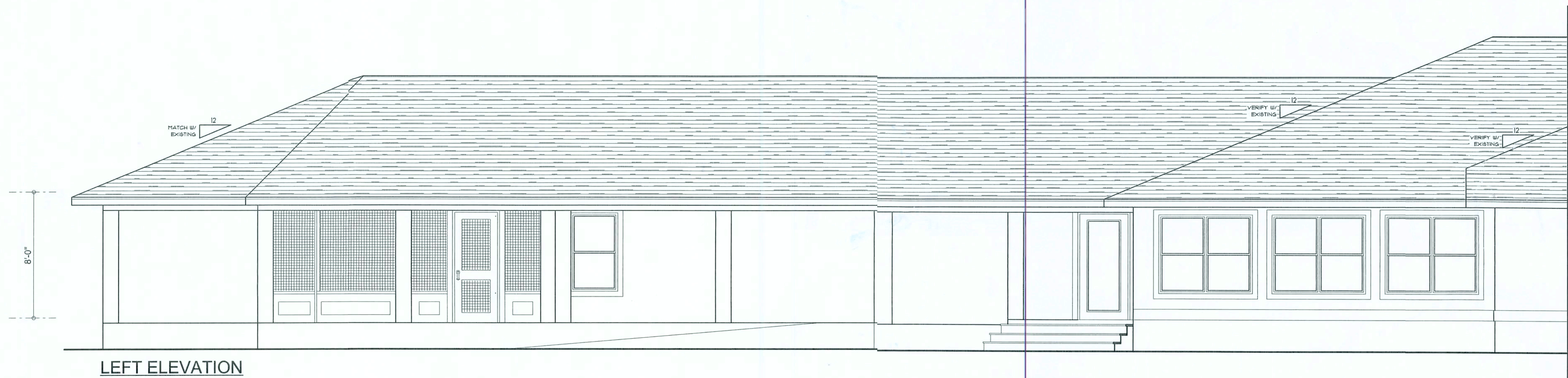


Office 1081

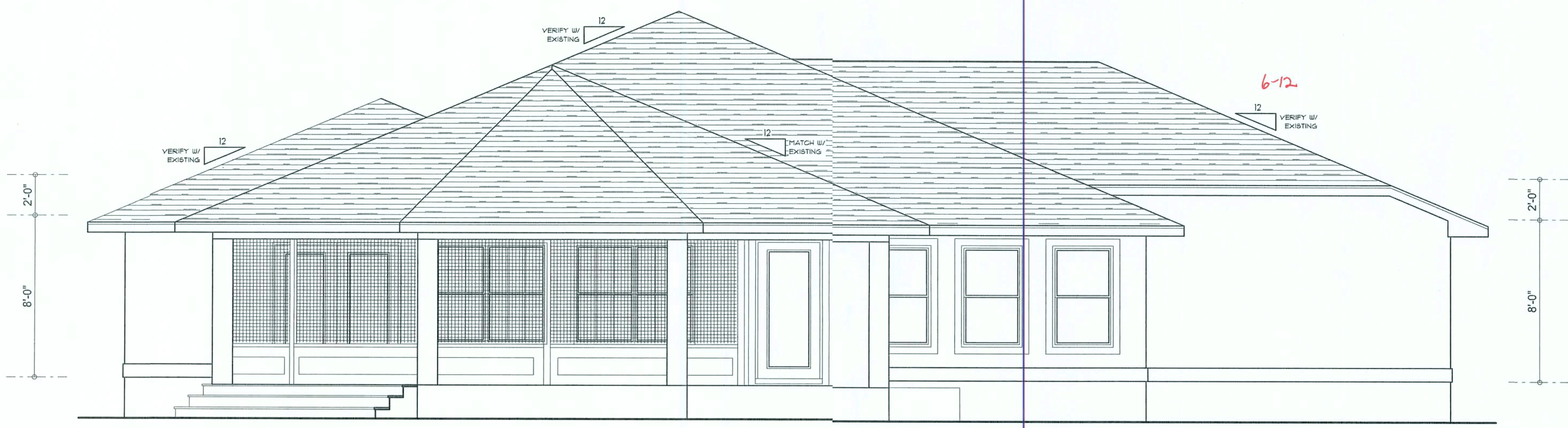


RIGHT ELEVATION
SCALE: 1/4" = 1'-0"
EXISTING | ADDITION



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

18' total building height



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

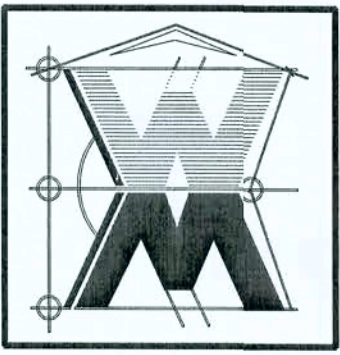
REVISIONS	
March 10, 2006	



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

A RESIDENT REMODEL FOR:
DAN & JEAN LEMKE
PROJECT ADDRESS: 370 NW AUBURN PLACE, LAKE CITY, FL 32066

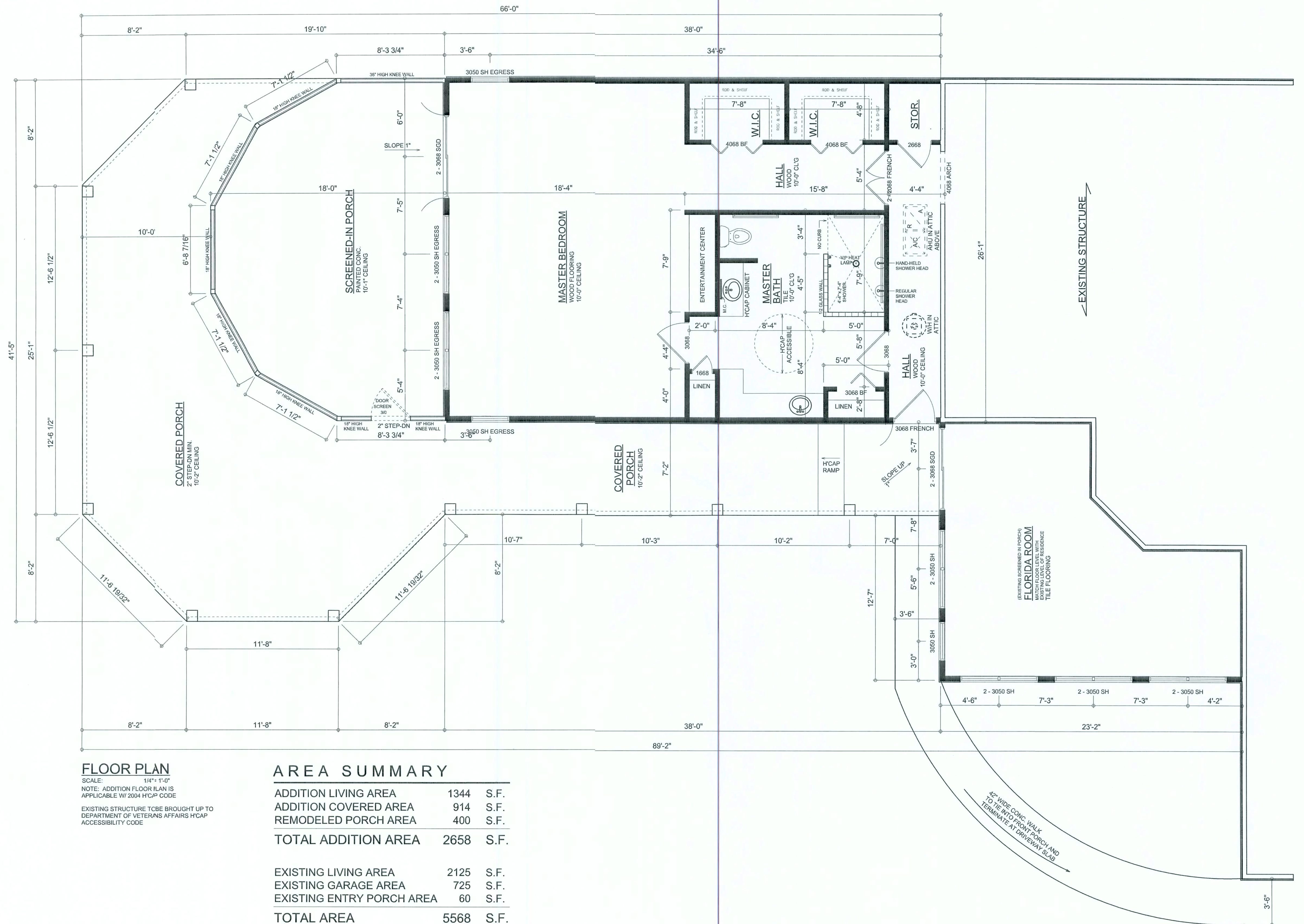
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DESIGN
P.O. BOX 1513
LAKE CITY, FL 32066
(386) 758-8416
will@willmyers.net



JOB NUMBER
060213

SHEET NUMBER
A.1
OF 3 SHEETS

Will C. Myers



FLOOR PLAN

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

NOTE: ADDITION FLOOR PLAN IS APPLICABLE W/ 2004 HCAP CODE

EXISTING STRUCTURE TCBE BROUGHT UP TO DEPARTMENT OF VETERANS AFFAIRS HCAP ACCESSIBILITY CODE

AREA SUMMARY

ADDITION LIVING AREA	1344	S.F.
ADDITION COVERED AREA	914	S.F.
REMODELED PORCH AREA	400	S.F.
TOTAL ADDITION AREA	2658	S.F.
EXISTING LIVING AREA	2125	S.F.
EXISTING GARAGE AREA	725	S.F.
EXISTING ENTRY PORCH AREA	60	S.F.
TOTAL AREA	5568	S.F.

REVISIONS

March 10, 2006

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

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

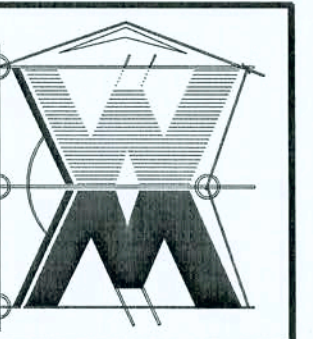
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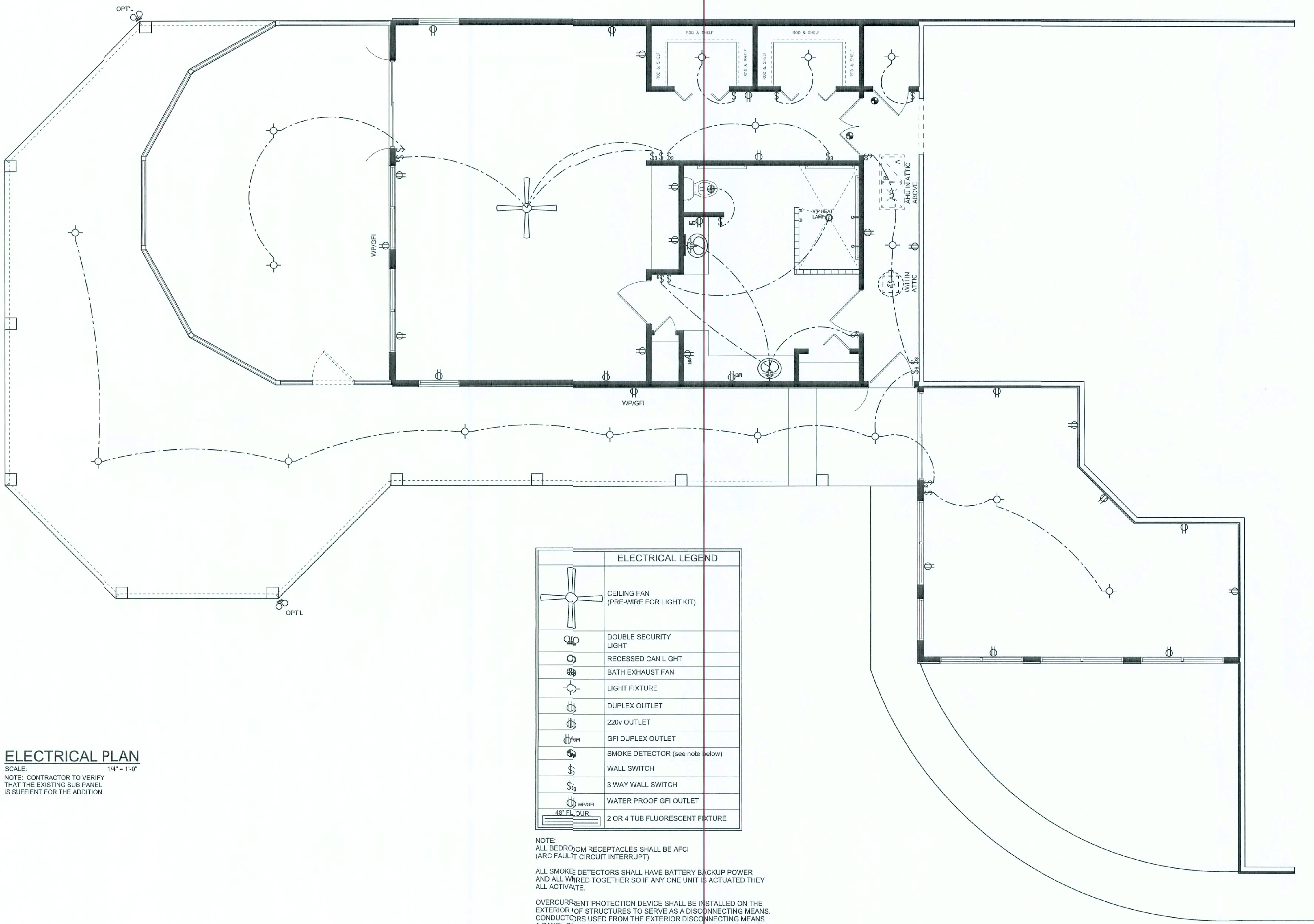
JOB NUMBER
060213

SHEET NUMBER

A.2

OF 3 SHEETS

Will C. Myers



ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"
NOTE: CONTRACTOR TO VERIFY
THAT THE EXISTING SUB PANEL
IS SUFFICIENT FOR THE ADDITION

ELECTRICAL LEGEND	
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	RECESSED CAN LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220v OUTLET
	GFI DUPLEX OUTLET
	SMOKE DETECTOR (see note below)
	WALL SWITCH
	3 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	2 OR 4 TUB FLUORESCENT FIXTURE

NOTE:
ALL BEDROOM RECEPTACLES SHALL BE AFCI
(ARC FAULT CIRCUIT INTERRUPT)

ALL SMOKE DETECTORS SHALL HAVE BATTERY BACKUP POWER
AND ALL WIRED TOGETHER SO IF ANY ONE UNIT IS ACTUATED THEY
ALL ACTIVATE.

OVERCURRENT PROTECTION DEVICE SHALL BE INSTALLED ON THE
EXTERIOR OF STRUCTURES TO SERVE AS A DISCONNECTING MEANS.
CONDUCTORS USED FROM THE EXTERIOR DISCONNECTING MEANS
A PANEL OR SUB PANEL SHALL HAVE FOUR-WIRE CONDUCTORS, OF
WHICH ONE CONDUCTOR SHALL BE USED AS AN EQUIPMENT GROUND.

William C. Myers

REVISIONS
March 10, 2006

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

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

A RESIDENT REMODEL FOR:

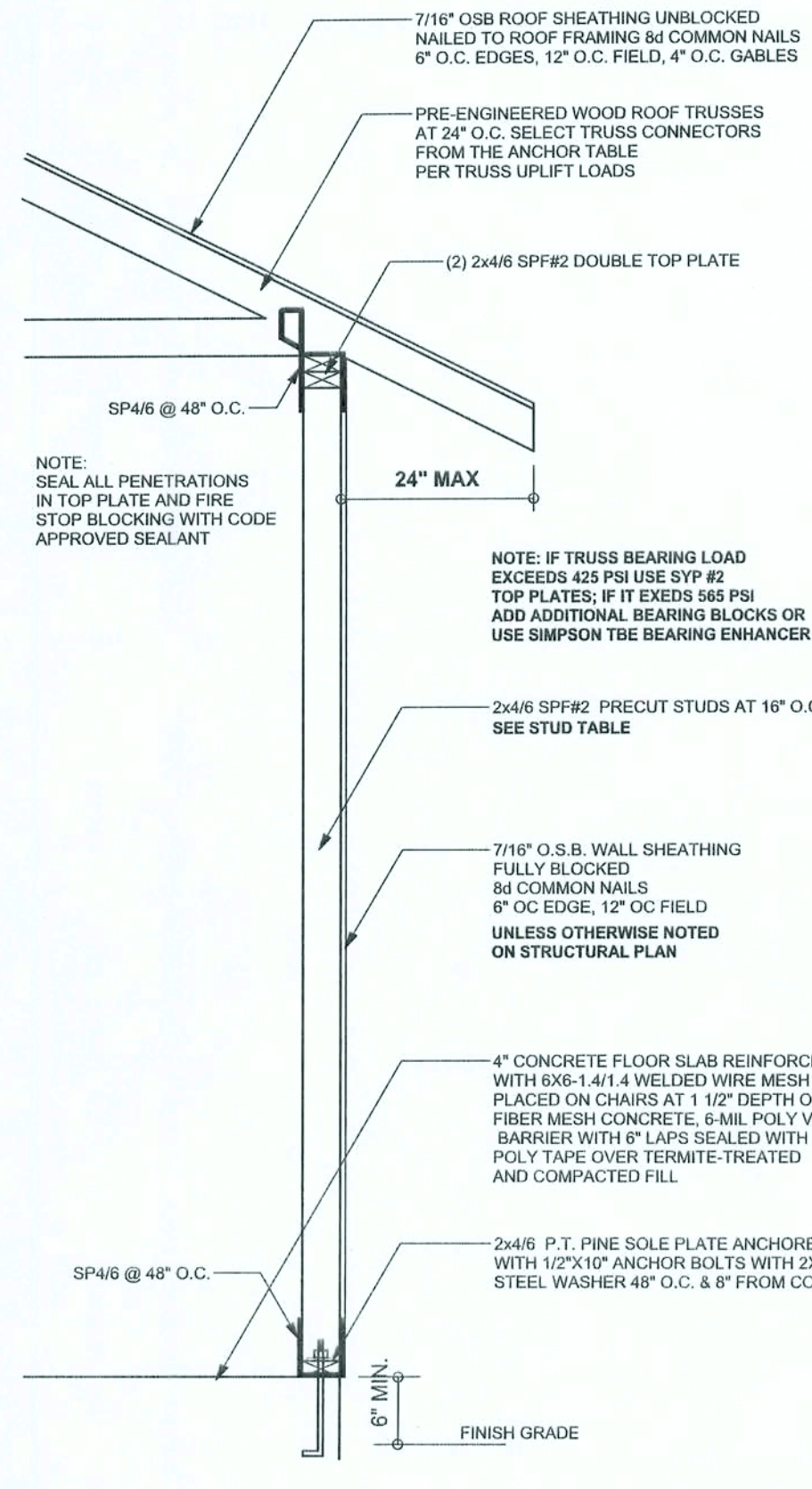
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JOB NUMBER
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SHEET NUMBER
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OF 3 SHEETS

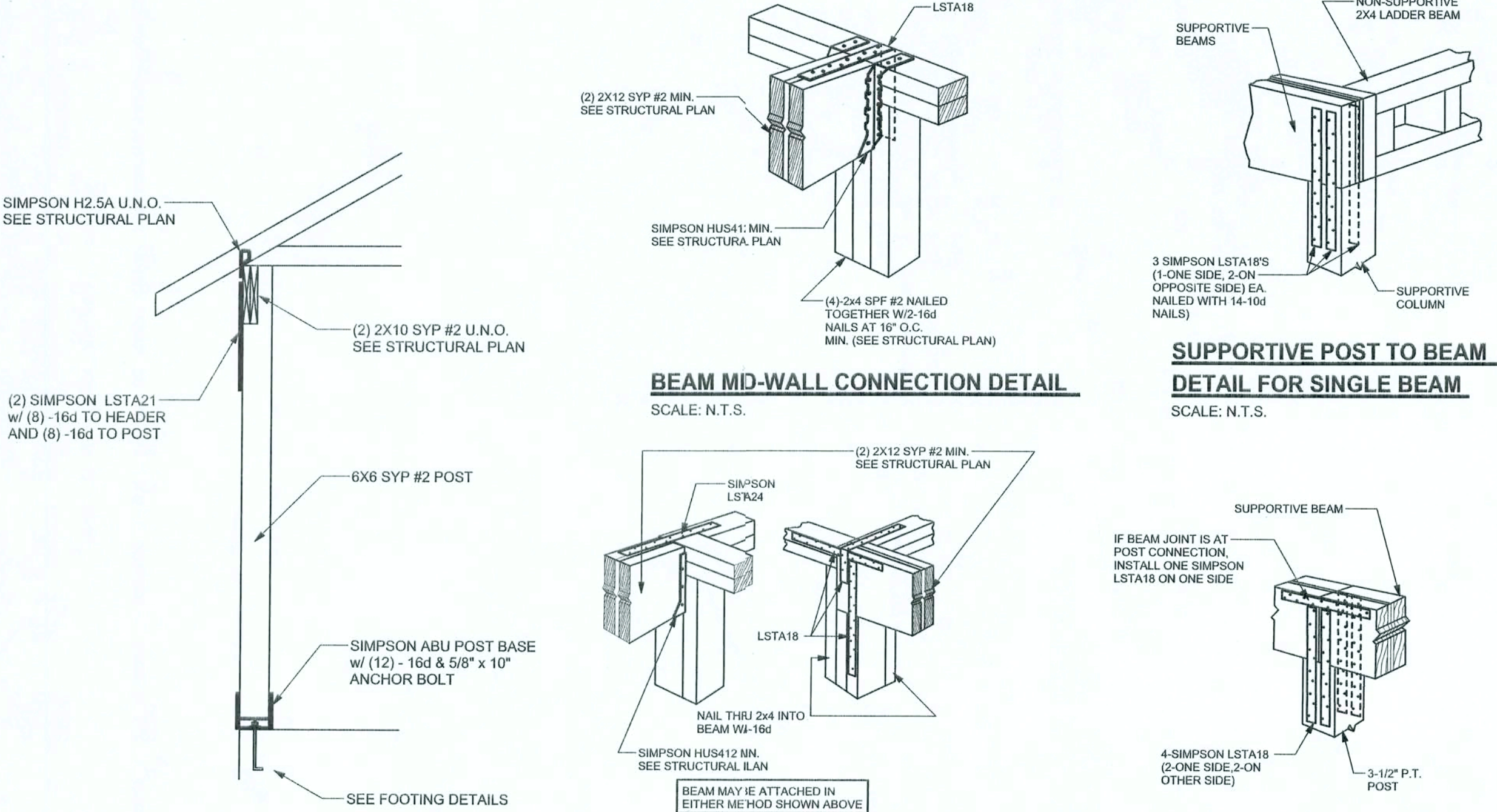


ONE STORY WALL SECTION
SCALE: 3/4" = 1'-0"

EXTERIOR WALL STUD TABLE FOR SPF #2 STUDS

(1) 2x4 @ 16" OC	TO 11'-9" STUD HEIGHT
(1) 2x4 @ 12" OC	TO 13'-0" STUD HEIGHT
(1) 2x6 @ 16" OC	TO 18'-10" STUD HEIGHT
(1) 2x6 @ 12" OC	TO 20'-0" STUD HEIGHT

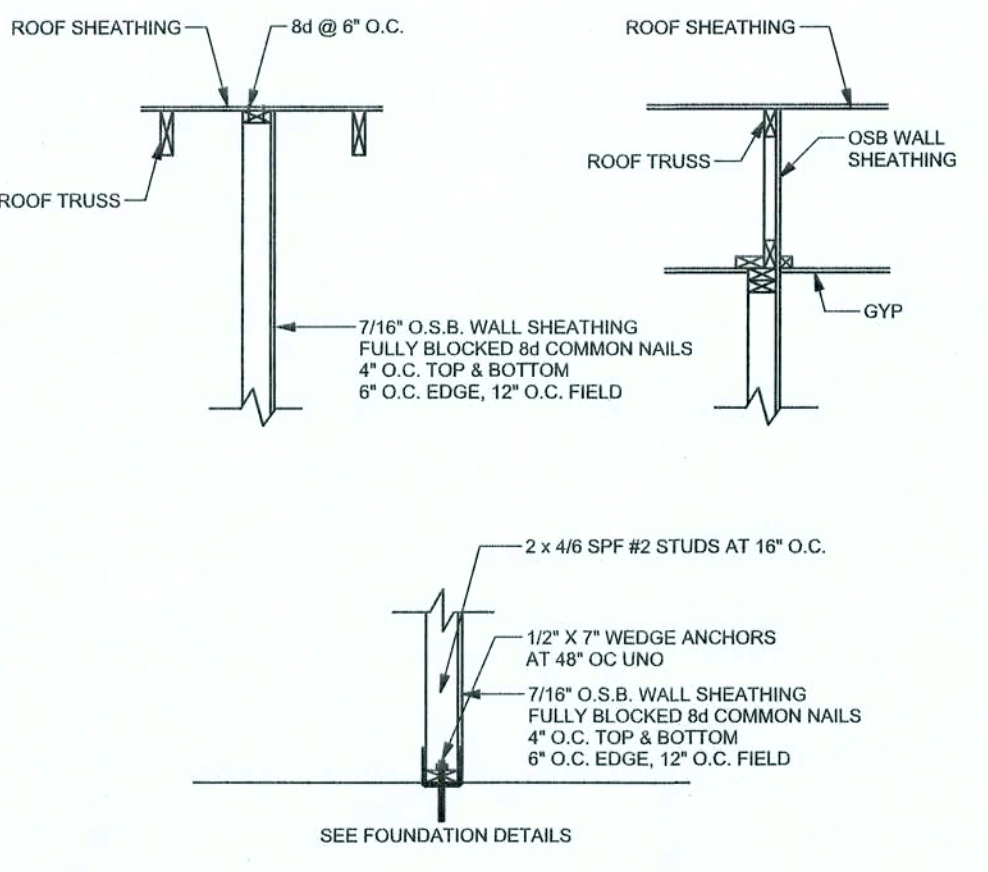
THIS STUD HEIGHT TABLE IS PER WFCM 2001, TABLE 3.2.08.
EXTERIOR LOAD BEARING & NON LOAD BEARING STUD LENGTHS
RESISTING INTERIOR ZONE WINDLOADS 110 MPH EXPOSURE B.
STUD SPACINGS SHALL BE MULTIPLIED BY 0.85 FOR FRAMING
LOCATED WITHIN 4 FEET OF CORNERS FOR END ZONE LOADING.
EXAMPLE 16" O.C. x 0.85 = 13.6" O.C.



TYPICAL PORCH POST DETAIL
SCALE: 1/2" = 1'-0"

BEAM CORNER CONNECTION DETAIL
SCALE: N.T.S.

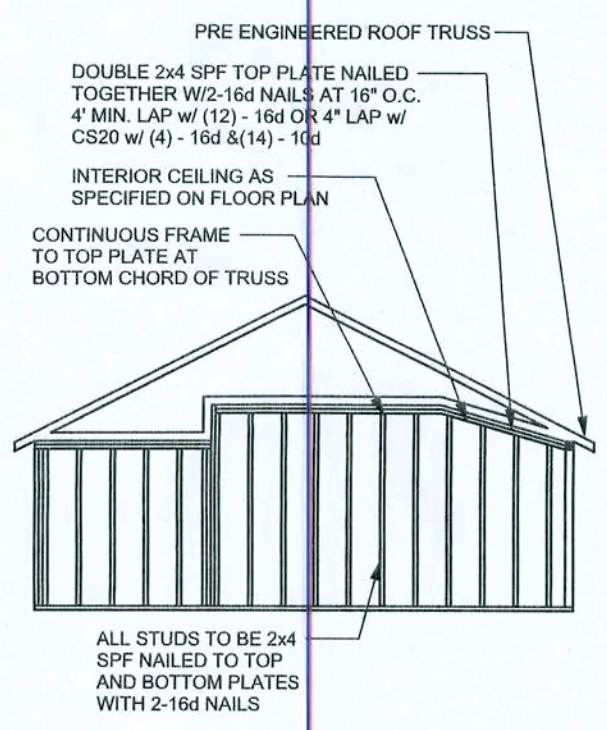
SUPPORTIVE CENTER POST TO BEAM DETAIL
SCALE: N.T.S.



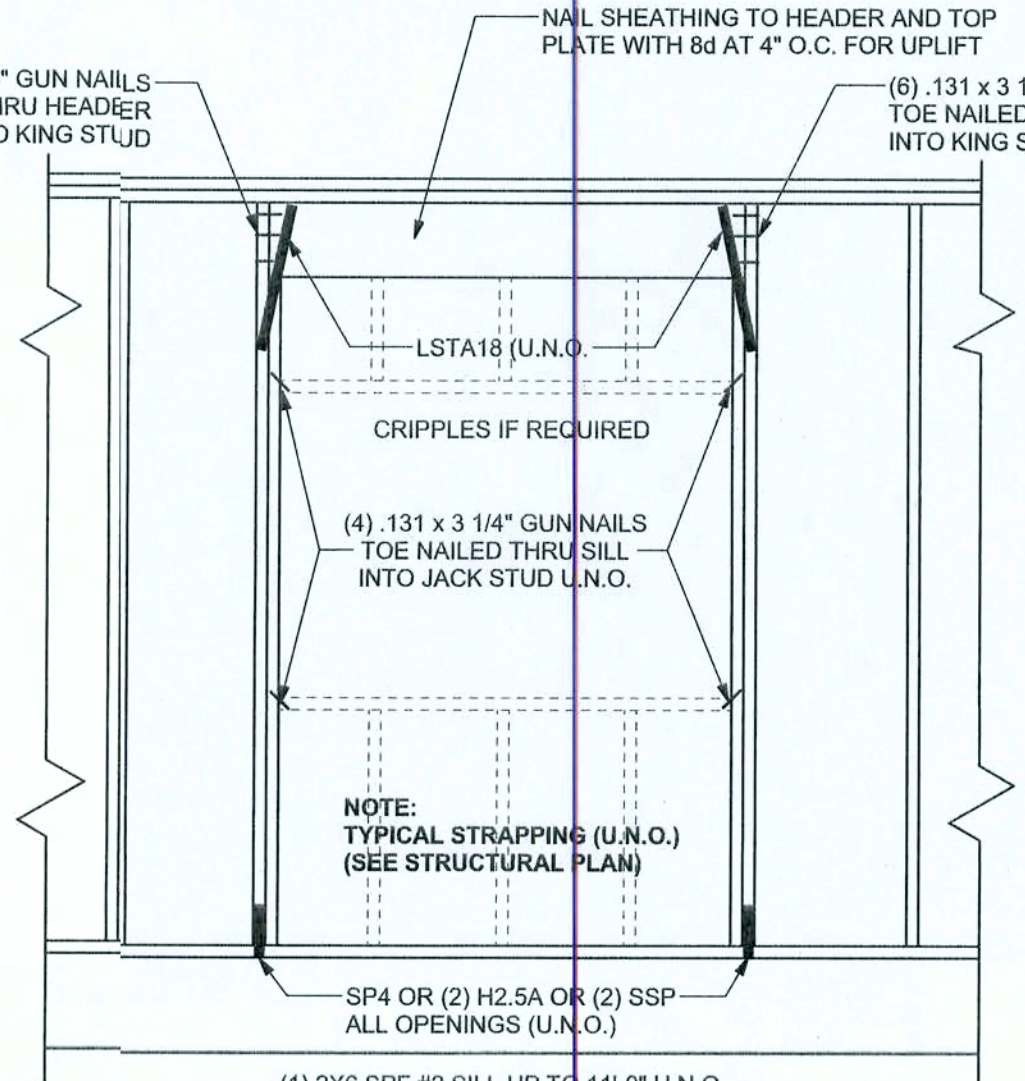
INTERIOR SHEAR WALL DETAIL
SCALE: 1/2" = 1'-0"

GRADE & SPECIES TABLE

		Fb (psi)	E (10 ⁶ psi)
2x8	SYP #2	1200	1.6
2x10	SYP #2	1050	1.6
2x12	SYP #2	975	1.6
GLB	24F-V3 SP	2400	1.8
LSL	TIMBERSTRAND	1700	1.7
LVL	MICROLAM	1600	1.9
PSL	PARALAM	2900	2.0



**CONTINUOUS FRAME TO
CEILING DIAPHRAGM DETAIL**
SCALE: N.T.S.



TYPICAL HEADER STRAPING DETAIL
SCALE: 1/2" = 1'-0"

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 HAS 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, 2x8 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 PROVES OTHERWISE)

CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS, F_c = 3000 PSI

WELDED WIRE REINFORCED SLAB: 8" x 6" W1 x W1.4, FB = 80KSI, WELDED WIRE REINFORCEMENT FABRIC (W.W.R.) CONFORMING TO ASTM A185, 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 302. 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 WWW 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 (20" FOR #5 BARS); UNO. ALL REINFORCEMENT SHALL BE DETAILED AND PLACED IN ACCORDANCE WITH ACI 315-98, U.N.O.

GLULAM BEAMS: GLULAM BEAM, GLB, 24F-V3SP, F_b = 2.4ksi, E = 1800ksi; 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 MANUFACTURE 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 CONCRETE OR 10" IN GROUTED CMU.

WASHERS: WASHERS USED WITH 1/2" BOLTS TO BE 2" x 2" x 9/64"; WITH 5/8" BOLTS TO BE 3" x 3" x 9/64"; WITH 3/4" BOLTS TO BE 3" x 3" x 9/64"; WITH 7/8" BOLTS TO BE 3" x 3" x 5/16"; UNO.

NAILS: ALL NAILS ARE COMMON NAILS UNLESS OTHERWISE SPECIFIED OR ACCEPTED BY FBC TEST REPORTS AS HAVING EQUAL STRUCTURAL VALUES.

BUILDER'S RESPONSIBILITY

THE BUILDER AND OWNER ARE RESPONSIBLE FOR THE FOLLOWING, WHICH ARE SPECIFICALLY NOT PART OF THE WIND LOAD ENGINEER'S SCOPE OF WORK.

CONFIRM SITE CONDITIONS, FOUNDATION BEARING CAPACITY, GRADE AND BACKFILL HEIGHT, WIND SPEED AND DEBRIS ZONE, AND FLOOD ZONE.

PROVIDE MATERIALS AND CONSTRUCTION TECHNIQUES, WHICH COMPLY WITH FBCR 2004 REQUIREMENTS FOR THE STATED WIND VELOCITY AND DESIGN PRESSURES.

PROVIDE A CONTINUOUS LOAD PATH FROM TRUSSES TO FOUNDATION. IF YOU BELIEVE THE PLAN OMMITS A CONTINUOUS LOAD PATH CONNECTION, CALL THE WIND LOAD ENGINEER IMMEDIATELY.

VERIFY THE TRUSS MANUFACTURER'S SEALED ENGINEERING INCLUDES TRUSS DESIGN, PLACEMENT PLANS, TEMPORARY AND PERMANENT BRACING DETAILS, TRUSS-TO-TRUSS CONNECTIONS, AND UPLIFT AND REACTION LOADS FOR ALL BEARING LOCATIONS.

ROOF SYSTEM DESIGN

THE SEAL ON THESE PLANS FOR COMPLIANCE WITH FBCR 2004, SECTION R301.2.1 IS BASED ON REACTIONS, UPLIFTS, AND BEARING LOCATIONS IN TRUSS ENGINEERING SUBMITTED TO THE WIND LOAD ENGINEER. IT IS THE RESPONSIBILITY OF THE BUILDER TO CHECK ALL DETAILS OF THE COMPLETE ROOF SYSTEM DESIGN SUBMITTED BY THE TRUSS MANUFACTURER AND HAVE IT SIGNED, AND SEALED BY A DESIGN PROFESSIONAL FOR CORRECT APPLICATION OF FBC 2001 REQUIRED LOADS AND ANY SPECIAL LOADS. THE BUILDER IS RESPONSIBLE TO REVIEW EACH INDIVIDUAL TRUSS MEMBER AND THE TRUSS ROOF SYSTEM AS A WHOLE AND TO PROVIDE RESTRAINT FOR ANY LATERAL BRACING. THE BUILDER SHOULD USE CARE CHECKING THE ROOF DESIGN BECAUSE THE WIND LOAD ENGINEER IS SPECIFICALLY NOT RESPONSIBLE FOR THE TRUSS LAYOUT WHICH WAS CREATED BY THE TRUSS MANUFACTURER AND THE TRUSS DESIGNER ALSO DENIES RESPONSIBILITY FOR THE LAYOUT PER NOTES ON THEIR SEALED TRUSS SHEETS.

MASONRY NOTES:

MASONRY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 6/TMS 602). THE CONTRACTOR AND MASON MUST IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530.1-02 AND THESE DESIGN DRAWINGS. ANY EXCEPTIONS TO ACI 530.1-02 MUST BE APPROVED BY THE ENGINEER IN WRITING.

ACI 530.1-02 Section	Specific Requirements
1.4A Compressive strength	8" block bearing walls F _m = 1500 psi
2.1 Mortar	ASTM C 270, Type N, UNO
2.2 Grout	ASTM C 476, admixtures require approval
2.3 CMU standard	ASTM C 90-02, Normal weight, Hollow, medium surface finish, 8"x8"x16" running bond and 12"x12" or 16"x16" column block
2.3 Clay brick standard	ASTM C 216-02, Grade SW, Type FBS, 5.5"x2.75"x11.5"
2.4 Reinforcing bars, #3 - #11	ASTM 615, Grade 60, F _y = 60 ksi, Lap splices min 48 bar dia. (30" for #5)
2.4F Coating for corrosion protection	Anchors, sheet metal ties completely embedded in mortar or grout, ASTM A525, Class 950, 0.80 oz/lb or 304SS
2.4F Coating for corrosion protection	Joint reinforcement in walls exposed to moisture or wire ties, anchors, sheet metal ties not completely embedded in mortar or grout, ASTM A153, Class B2, 1.50 oz/lb or 304SS
3.3.E.2 Pipes, conduits, and accessories	Any not shown on the project drawings require engineering approval.
3.3.E.7 Movement joints	Contractor assumes responsibility for type and location of movement joints if not detailed on project drawings.

ANCHOR TABLE

OBTAIN UPLIFT REQUIREMENTS FROM TRUSS MANUFACTURER'S ENGINEERING

UPLIFT LBS. SYP	UPLIFT LBS. SPF	TRUSS CONNECTOR*	TO PLATES	TO RAFTER/TRUSS	TO STUDS
< 420	< 245	H5A	3-8d	3-8d	
< 455	< 265	H5	4-8d	4-8d	
< 360	< 235	H4	4-8d	4-8d	
< 455	< 320	H3	4-8d	4-8d	
< 415	< 365	H2.5	5-8d	5-8d	
< 600	< 535	H2.5A	5-8d	5-8d	
< 850	< 820	H6	8-8d	8-8d	
< 745	< 565	H8	5-10d, 1 1/2"	5-10d, 1 1/2"	
< 1465	< 1050	H14-1	13-8d	12-8d, 1 1/2"	
< 1465	< 1050	H14-2	15-8d	12-8d, 1 1/2"	
< 990	< 890	H10-1	8-8d, 1 1/2"	8-8d, 1 1/2"	
< 760	< 655	H10-2	6-10d	6-10d	
< 1470	< 1265	H16-1	10-10d, 1 1/2"	2-10d, 1 1/2"	
< 1470	< 1265	H16-2	10-10d, 1 1/2"	2-10d, 1 1/2"	
< 1000	< 880	MTS24C	7-10d 1 1/2"	7-10d 1 1/2"	
< 1450	< 1245	HTS24	12-10d 1 1/2"	12-10d 1 1/2"	
< 2900	< 2490	2 - HTS24			
< 2050	< 1785	LGT2	14 -16d	14 -16d	
		HEAVY GIRDER TIEDOWNS*			TO FOUNDATION
< 3985	< 3330	NGT		22 -10d	1-5/8" THREADED ROD 12" EMBEDMENT
< 10980	< 6485	HGT-2		16 -10d	2-5/8" THREADED ROD 12" EMBEDMENT
< 10530	< 9035	HGT-3		16 -10d	2-5/8" THREADED ROD 12" EMBEDMENT
< 9250	< 8250	HGT-4		16 -10d	2-5/8" THREADED ROD 12" EMBEDMENT
		STUD STRAP CONNECTOR*			TO STUDS
< 435	< 435	SSP DOUBLE TOP PLATE	3-10d		4 -10d
< 455	< 420	SSP SINGLE SILL PLATE	1-10d		4 -10d
< 825	< 825	DSP DOUBLE TOP PLATE	6-10d		8 -10d
< 825	< 600	DSP SINGLE SILL PLATE	2-10d		8 -10d
< 885	< 760	SP4			6-10d, 1 1/2"
< 1240	< 1065	SPH4			10-10d, 1 1/2"
< 885	< 760	SP6			6-10d, 1 1/2"
< 1240	< 1065	SPH6			10-10d, 1 1/2"
< 1235	< 1165	LSTA16	14-10d		
< 1235	< 1235	LSTA21	16-10d		
< 1030	< 1030	CS20	18-8d		
< 1705	< 1705	CS16	28-8d		
		STUD ANCHORS*		TO STUDS	TO FOUNDATION
< 1350	< 1305	LTT19	8-16d		1/2" AB
< 2310	< 2310	LTT31	18-10d, 1 1/2"		1/2" AB
< 2775	< 2570	HD2A	2-5/8" BOLTS		5/8" AB
< 4175	< 3695	HTT18	18 - 16d		5/8" AB
< 1400	< 1400	PAHD42	16-16d		
< 3335	< 3335	HPAHD22	16-16d		
< 2200	< 2200	ABU44	12-16d		1/2" AB
< 2300	< 2300	ABU66	12-16d		1/2" AB
< 2320	< 2320	ABU88	18 - 16d		2-5/8" AB

DESIGN DATA

WIND LOADS PER FLORIDA BUILDING CODE 2004 RESIDENTIAL, SECTION R301.2.1

(ENCLOSED SIMPLE DIAPHRAGM BUILDINGS WITH FLAT, HIPPED, OR GABLE ROOFS; MEAN ROOF HEIGHT NOT EXCEEDING LEAST HORIZONTAL DIMENSION OR 60 FT; NOT ON UPPER HALF OF HILL OR ESCARPMENT 60FT IN EXP. B, 30FT IN EXP. C AND >10% SLOPE AND UNOBSTRUCTED UPWIND FOR 50x HEIGHT OR 1 MILE WHICHEVER IS LESS.)

BUILDING IS NOT IN THE HIGH VELOCITY HURRICANE ZONE

BUILDING IS NOT IN THE WIND-BORNE DEBRIS REGION

- 1.) BASIC WIND SPEED = 110 MPH
- 2.) WIND EXPOSURE = B
- 3.) WIND IMPORTANCE FACTOR = 1.0
- 4.) BUILDING CATEGORY = II
- 5.) ROOF ANGLE = 10-45 DEGREES
- 6.) MEAN ROOF HEIGHT = <30 FT
- 7.) INTERNAL PRESSURE COEFFICIENT = N/A (ENCLOSED BUILDING)
- 8.) COMPONENTS AND CLADDING DESIGN WIND PRESSURES (TABLE R301.2(2))

Zone	Effective Wind Area (ft ²)	10	100
1	19.9	-21.8	-18.1
2	19.9	-25.5	-18.1
2 On	-40.6	-40.6	
3	19.9	-25.5	-18.1
3 On	-68.3	-42.4	
4	21.8	-23.6	-18.5
5	21.8	-29.1	-18.5
Doors & Windows		21.8	-29.1
Worst Case (Zone 5, 10 ft)			
8x7 Garage Door	19.5	-22.9	
16x7 Garage Door	18.5	-21.0	

DESIGN LOADS	
FLOOR	40 PSF (ALL OTHER DWELLING ROOMS)
	30 PSF (SLEEPING ROOMS)
	30 PSF (ATTICS WITH STORAGE)
	10 PSF (ATTICS WITHOUT STORAGE, <3:12)
ROOF	20 PSF (FLAT OR <4:12)
	16 PSF (4:12 TO <12:12)
	12 PSF (12:12 AND GREATER)
STAIRS	40 PSF (ONE & TWO FAMILY DWELLINGS)
	SOIL BEARING CAPACITY 1000PSF
	NOT IN FLOOD ZONE (BUILDER TO VERIFY)

REVISIONS	



WINDLOAD ENGINEER: Mark Disoway,
PE No. 53815, POB 868, Lake City, FL
32056, 386-754-5419

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

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permission and consent of Mark Disoway.

CERTIFICATION: I hereby certify that I have
examined this plan, and that the applicable
provisions of the plan, relating to and 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 DISOWAY
P.E. 53815
10 MAR 06
SEAL

Isaac Construction

Dan & Jean
Lenke Addition

ADDRESS:
370 NW Auburn Place,
Lake City, Florida 32055

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

PRINTED DATE:
March 10, 2006

DRAWN BY: CHECKED BY:

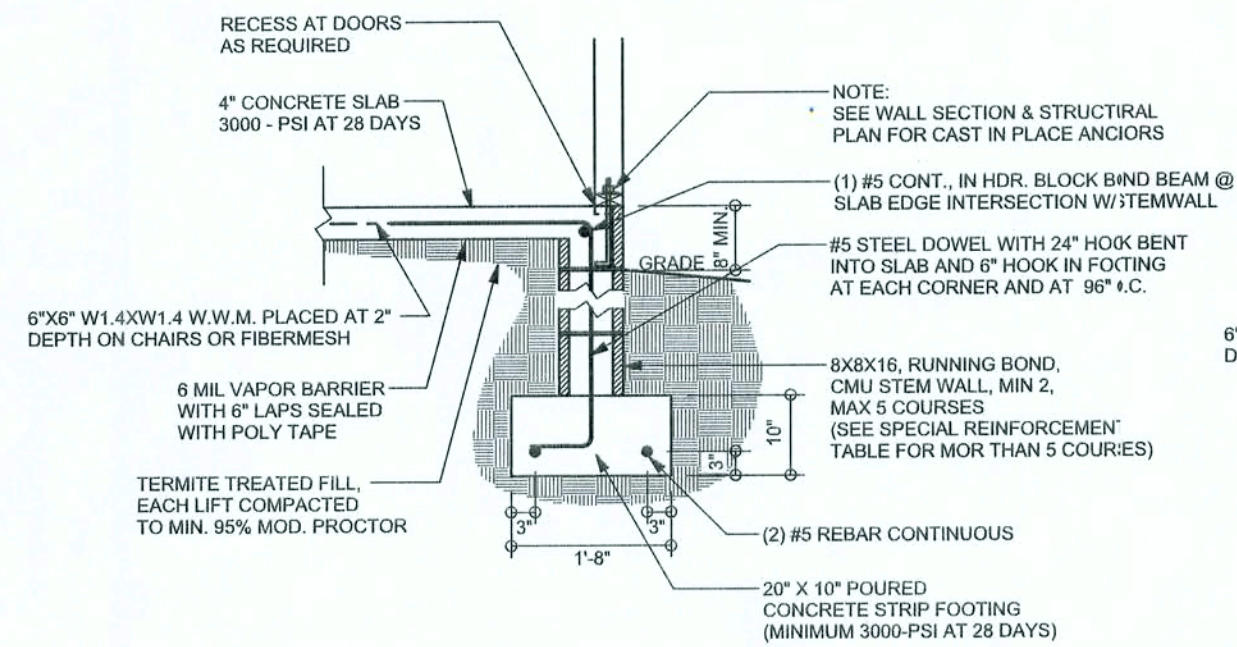
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10 / Mar / 06

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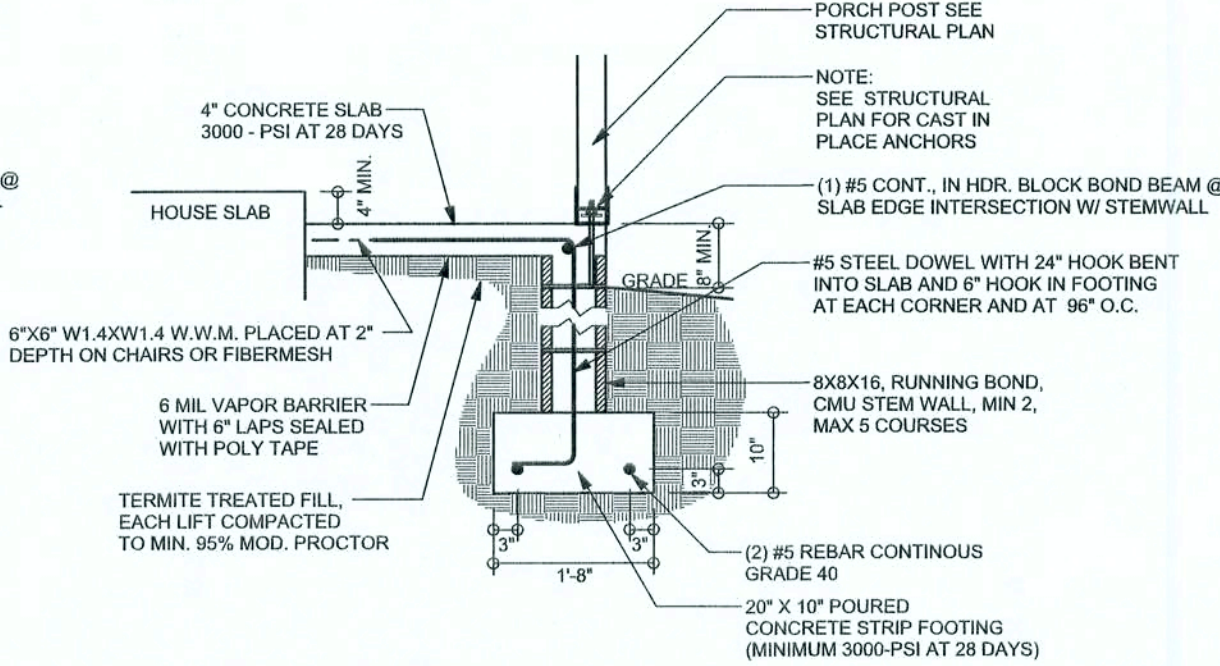
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F9 S-2 STEM WALL FOOTING
SCALE: 1/2" = 1'-0"

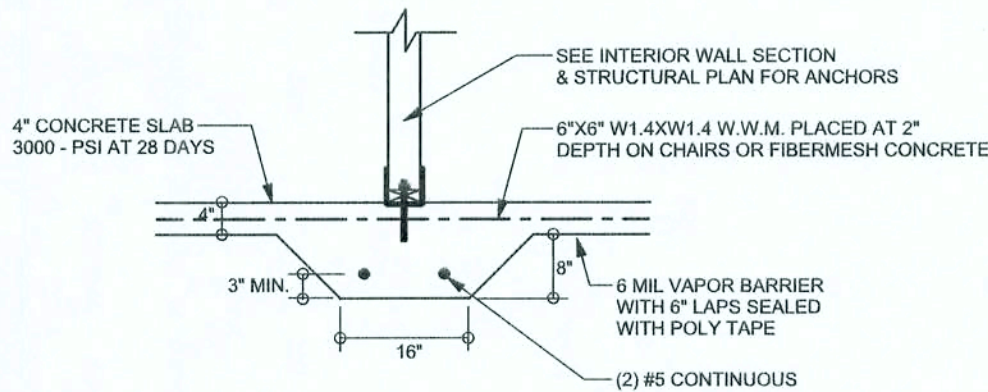


F12 S-2 ALT. STEM WALL PORCH FOOTING
SCALE: 1/2" = 1'-0"

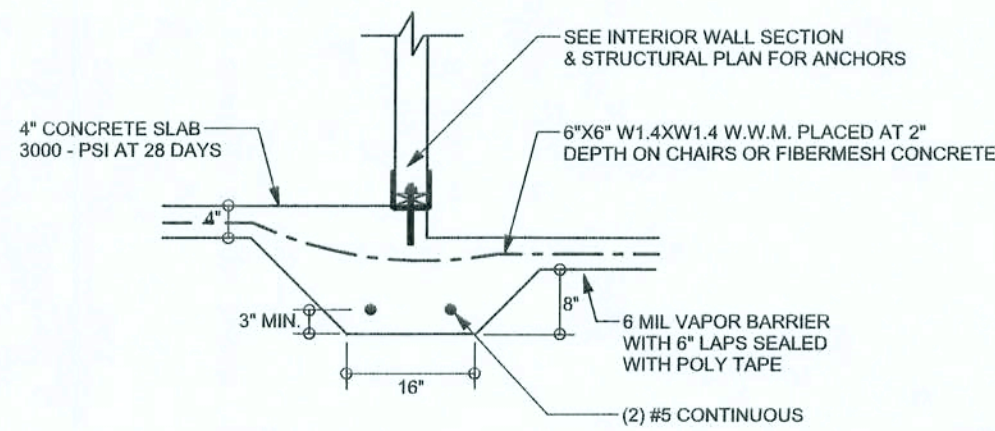
TALL STEM WALL TABLE

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 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 Diagonal ladder reinforcement at 16"OC vertically or a horizontal bond beam with 16S continuous at mid height. For higher parts of the wall 1/2" CMU may be used with reinforcement as shown in the table below.

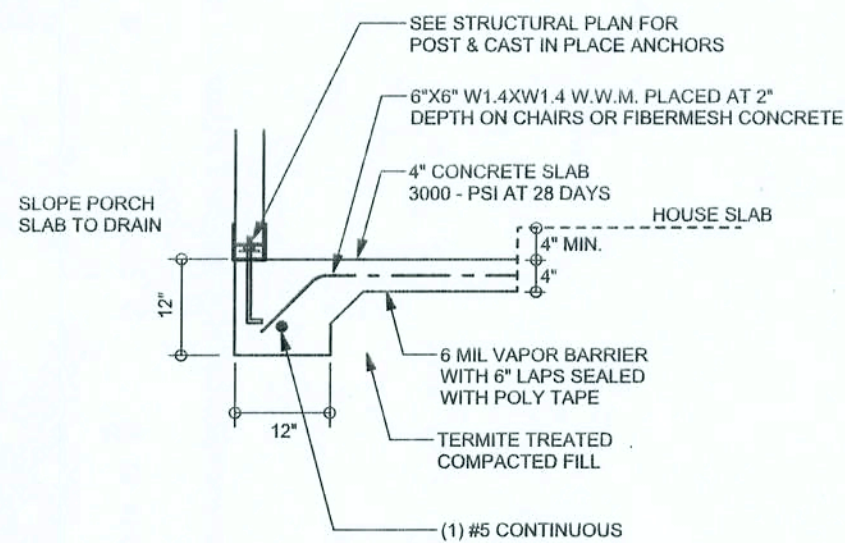
STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7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



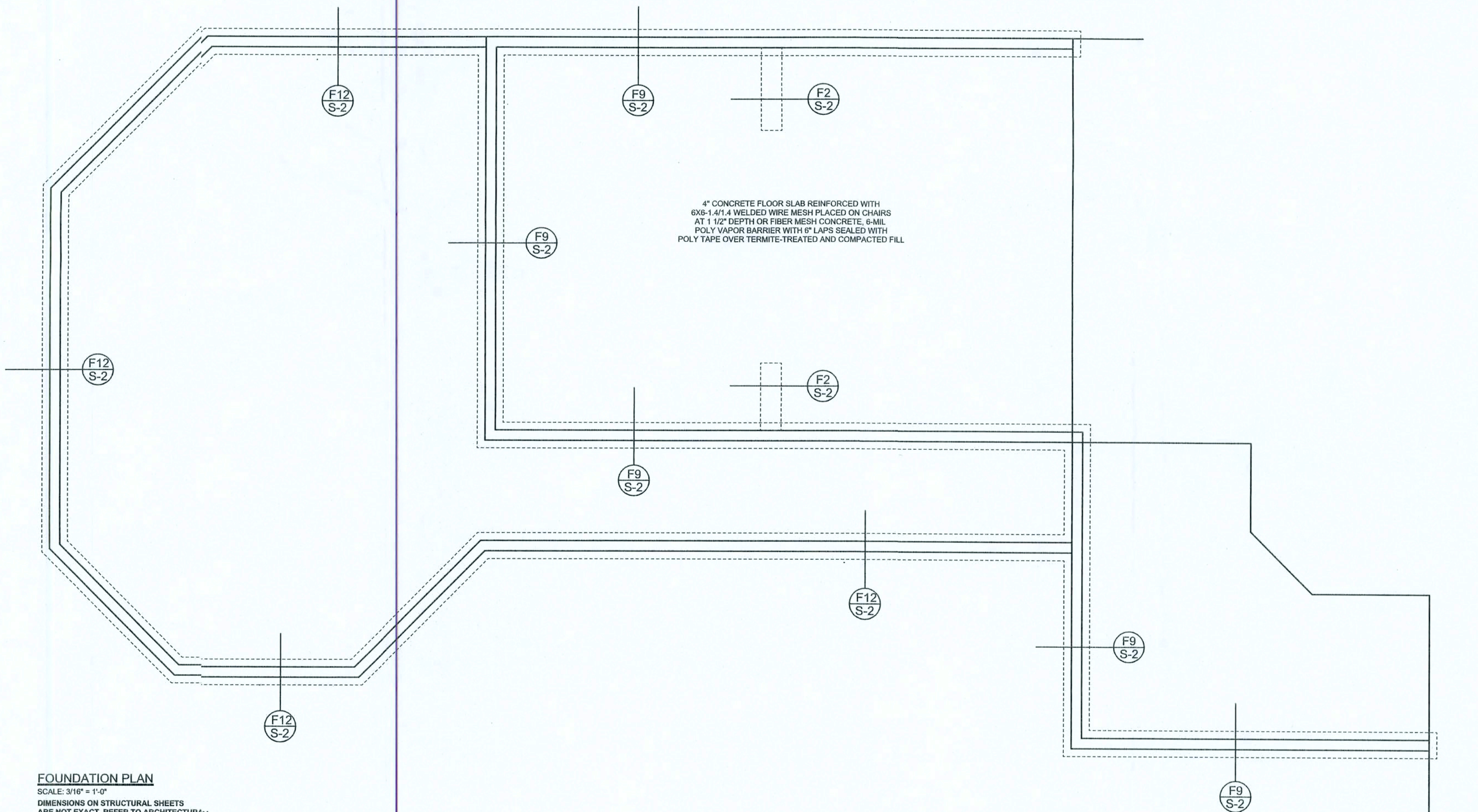
F2 S-2 INTERIOR BEARING FOOTING
SCALE: 1/2" = 1'-0"



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



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



FOUNDATION PLAN
SCALE: 3/16" = 1'-0"
DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS

WINDLOAD ENGINEER: Mark Disoway,
PE No. 53915, PGB 888, Lake City, FL
32056, 386-754-5419

DIMENSIONS:
Stated dimensions supersede 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 valid 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 DISOWAY
P.E. 53915
Mark Disoway
10mar06
SEAL

Isaac Construction

Dan & Jean
Lemke Addition

ADDRESS:
370 NW Auburn Place,
Lake City, Florida 32055

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

PRINTED DATE:
March 10, 2006
DRAWN BY: CHECKED BY:

FINALS DATE:
10 / Mar / 06

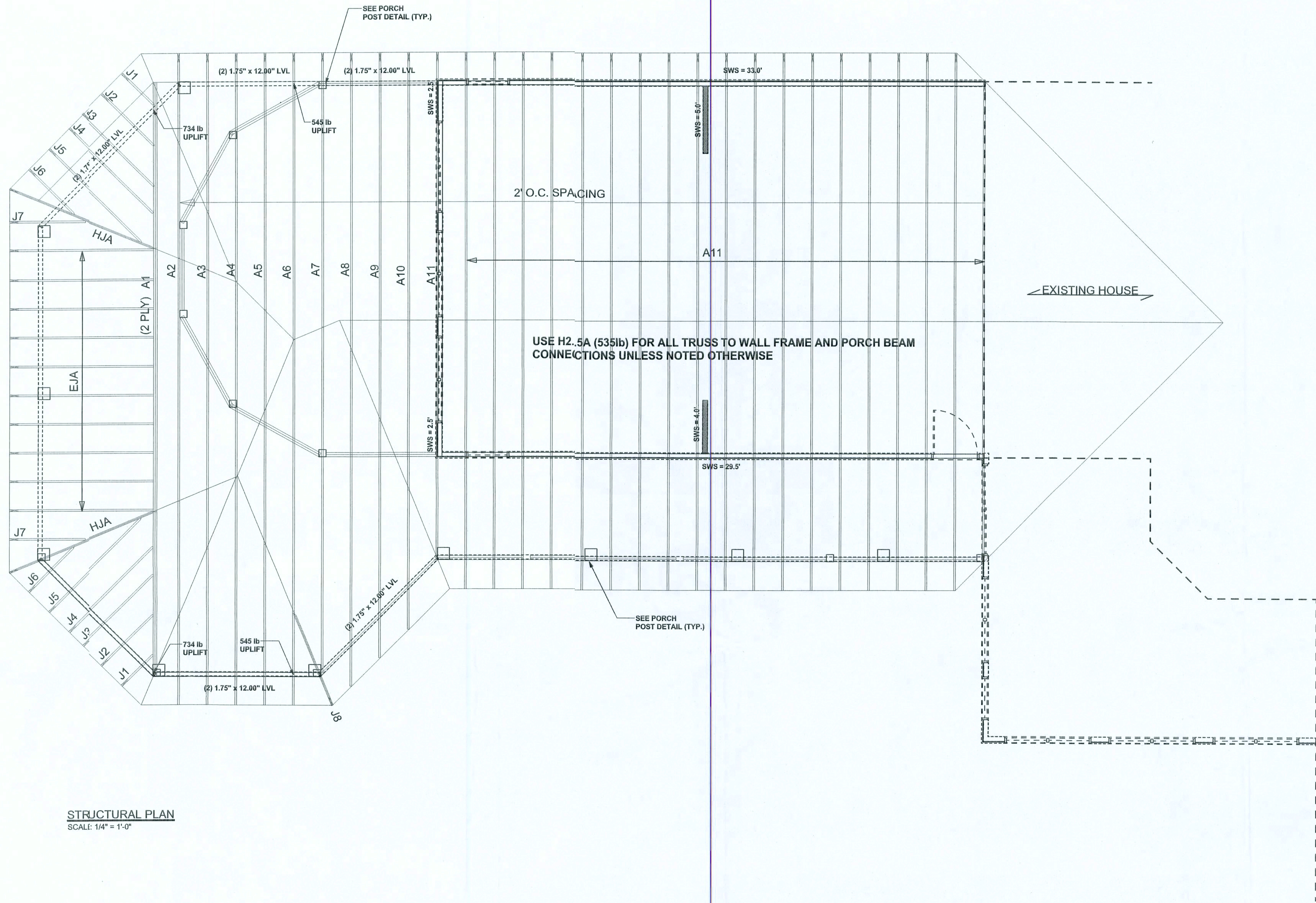
JOB NUMBER:
602211

DRAWING NUMBER
S-2

OF 3 SHEETS

REVISIONS	

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE



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

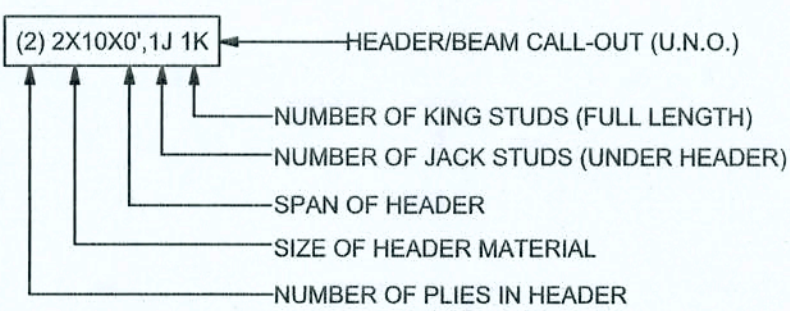
STRUCTURAL PLAN NOTES

- 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-1-03, 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	14.0'	14.0'
LONGITUDINAL	21.5'	82.5'

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER, ANDERSON TRUSS CO. JOB #6-045

WINDLOAD ENGINEER: Mark Disosway, P.E. No. 53815, P.O. Box 868, Lake City, FL 33666, (386) 754-5419

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 RS01.2.1, Florida building code residential 2004, to the best of my knowledge.

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

MARY DISOSWAY
P.E. 53815
Mark Disosway
03MAR06
SEAL

Isaac Construction

Dan & Jean
Lemke Addition

ADDRESS:
370 NW Auburn Place,
Lake City, Florida 32055

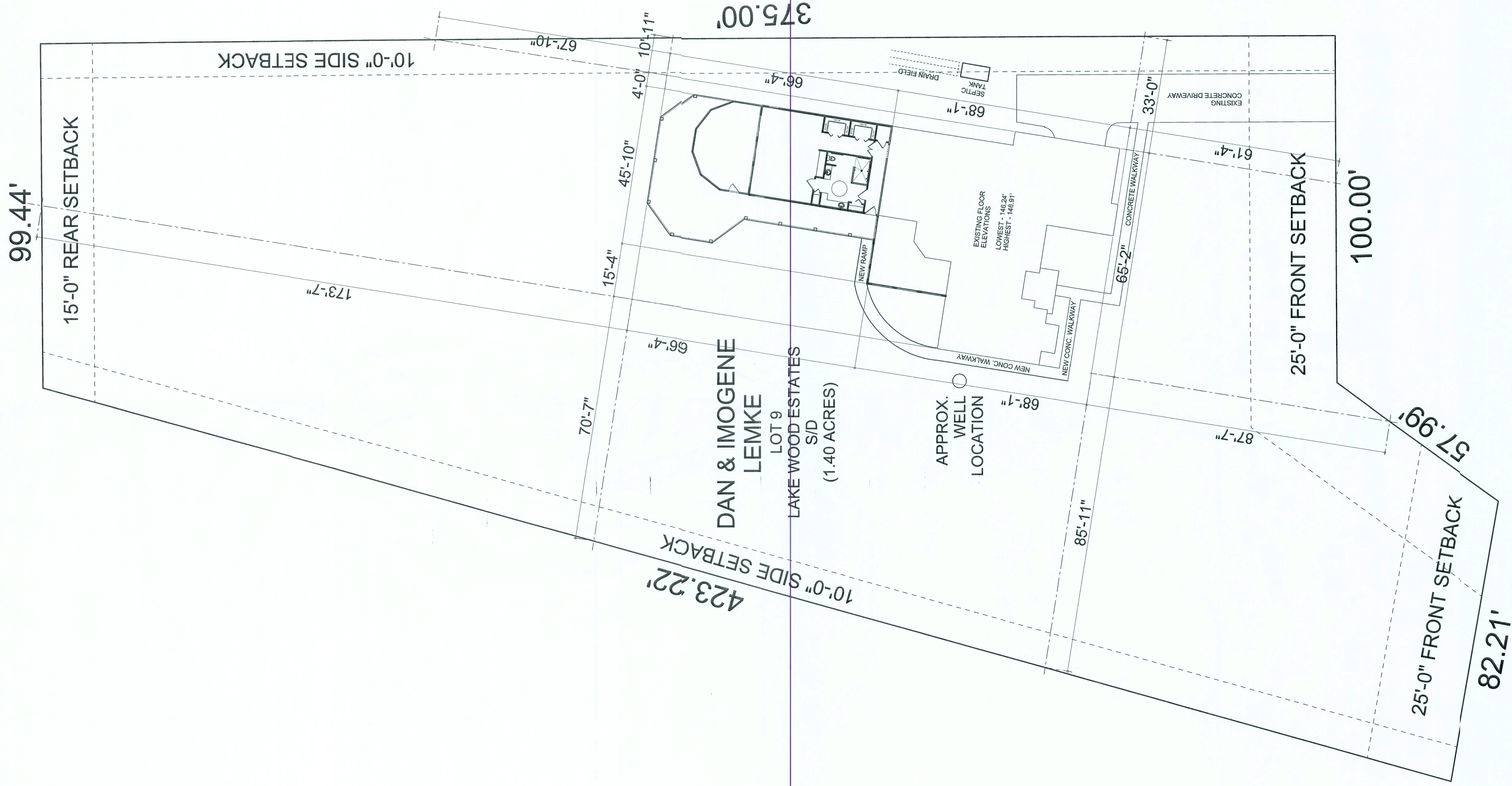
Mark Disosway P.E.
P.O. Box 868
Lake City, Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
March 10, 2006
DRAWN BY: CHECKED BY:

FINALS DATE:
10 / Mar / 06

JOB NUMBER:
602211
DRAWING NUMBER

S-3
OF 3 SHEETS



"LAKE JEFFERY"

(PHASE I)

IN

SECTION 23 & 26, TOWNSHIP 3 SOUTH, RANGE 16 EAST

COLUMBIA COUNTY, FLORIDA

APPROVED BY BOARD OF COUNTY COMMISSIONERS
COLUMBIA COUNTY, FLORIDA:

SIGNED: [Signature] CHAIRMAN
ATTEST: [Signature] CLERK
DATE: 11-1-83

CERTIFICATE OF CLERK:

THIS PLAT HAVING BEEN APPROVED BY THE COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS, IS ACCEPTED FOR FILES AND RECORDED THIS 3rd DAY OF November 1983 A.D. IN PLAT BOOK 5 PAGE 39-39-A.

[Signature]
CLERK OF THE CIRCUIT COURT
COLUMBIA COUNTY, FLORIDA

DEDICATION:

KNOW ALL MEN BY THESE PRESENTS THAT FAIRWAY VIEW CORPORATION, A FLORIDA CORPORATION, AS OWNER AND NCNB NATIONAL BANK OF FLORIDA, A NATIONAL BANKING CORPORATION, AS MORTGAGEE HAVE CAUSED THE LANDS HEREON DESCRIBED TO BE SURVEYED, SUBDIVIDED, AND PLATTED TO BE KNOWN AS "LAKE JEFFERY" AND THAT ALL STREETS, ROADS, AND EASEMENTS, AS SHOWN AND DEPICTED HEREON ARE HEREBY DEDICATED TO THE PERPETUAL USE OF THE PUBLIC FOR PROPER USES AND PURPOSES THEREON STATED.
IN WITNESS WHEREOF THE PARTIES HERETO HAVE CAUSED THESE PRESENTS TO BE EXECUTED WITH THEIR SEALS AFFIXED HERETO.

FAIRWAY VIEW CORP., OWNER
[Signature]
M.B. RAYNAL, PRESIDENT
[Signature]
CHRISTINA J. ELLINGTON, SECRETARY

NCNB NAT'L BANK OF FLORIDA, MORTGAGEE
[Signature]
CLARENCE B. CANNON III, VICE-PRESIDENT
[Signature]
GILBERT W. MILLER, VICE-PRESIDENT

AS TO ALL PARTIES: [Signature] WITNESS
[Signature] WITNESS

ACKNOWLEDGEMENT STATE OF FLORIDA, COUNTY OF COLUMBIA:

I HEREBY CERTIFY THAT ON THIS 1st DAY OF Nov 1983 A.D., BEFORE ME PERSONALLY APPEARED M.B. RAYNAL, PRESIDENT AND CHRISTINA J. ELLINGTON, SECRETARY OF FAIRWAY VIEW CORPORATION, A FLORIDA CORPORATION, AS OWNER AND CLARENCE B. CANNON III, VICE-PRESIDENT AND GILBERT W. MILLER, VICE-PRESIDENT OF NCNB NATIONAL BANK OF FLORIDA, A NATIONAL BANKING CORPORATION, AS MORTGAGEE, TO ME KNOWN TO BE THE INDIVIDUALS DESCRIBED IN AND WHO EXECUTED THE FOREGOING DEDICATION, AND THEY ACKNOWLEDGE EXECUTION THEREOF FOR AND ON BEHALF OF SAID INDIVIDUALS AND SAID CORPORATIONS WITH THEIR SEALS DULY AFFIXED THERETO.
WITNESS MY HAND AND SEAL, STATE OF FLORIDA THIS 1st DAY OF Nov 1983 A.D.

MY COMMISSION EXPIRES: [Signature]
NOTARY PUBLIC, STATE OF FLORIDA

DESCRIPTION:

COMMENCE AT THE SOUTHEAST CORNER OF SECTION 23, TOWNSHIP 3 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN S. 88° 44' 04" W. ALONG THE SOUTH LINE OF SAID SECTION 23 A DISTANCE OF 1188.16 FEET TO THE WESTERLY RIGHT-OF-WAY LINE OF OLD MILL ROAD, SAID POINT BEING ON THE ARC OF A CURVE CONCAVE TO THE LEFT HAVING A RADIUS OF 1436.94 FEET AND A CENTRAL ANGLE OF 00° 20' 42"; THENCE NORTHWESTERLY ALONG THE ARC OF SAID CURVE, ALSO SAID WESTERLY RIGHT-OF-WAY LINE 8.65 FEET TO THE POINT OF BEGINNING; THENCE S. 68° 38' 49" W. 792.40 FEET; THENCE N. 02° 43' 12" W. 206.58 FEET; THENCE N. 30° 24' 17" W. 290.00 FEET; THENCE N. 18° 20' 32" W. 395.00 FEET; THENCE N. 30° 24' 17" W. 420.00 FEET; THENCE N. 59° 35' 43" E. 210.00 FEET; THENCE S. 30° 24' 17" E. 268.53 FEET; THENCE N. 82° 38' 49" E. 333.98 FEET; THENCE N. 10° 38' 49" E. 71.21 FEET; THENCE N. 50° 21' 11" W. 168.26 FEET; THENCE N. 67° 01' 21" W. 436.12 FEET; THENCE S. 89° 38' 49" W. 100.00 FEET; THENCE N. 00° 21' 11" W. 425.00 FEET TO A POINT ON THE SOUTHERLY RIGHT-OF-WAY LINE OF LAKE JEFFERY DRIVE; THENCE N. 58° 15' 07" E. 149.33 FEET TO A POINT ON THE NORTHERLY RIGHT-OF-WAY LINE OF SAID LAKE JEFFERY DRIVE; THENCE N. 07° 09' 28" E. 542.12 FEET TO A POINT ON THE SOUTHWESTERLY RIGHT-OF-WAY LINE OF STATE ROAD NO. 250; THENCE S. 50° 21' 11" E. ALONG SAID SOUTHWESTERLY RIGHT-OF-WAY LINE 1786.00 FEET TO A POINT ON THE EASTERLY RIGHT-OF-WAY LINE OF SAID OLD MILL ROAD, SAID POINT BEING ON THE POINT OF CURVE OF A CURVE CONCAVE TO THE LEFT HAVING A RADIUS OF 50.00 FEET AND A TOTAL CENTRAL ANGLE OF 90°; THENCE SOUTHWESTERLY ALONG THE ARC OF SAID CURVE, ALSO SAID EASTERLY RIGHT-OF-WAY LINE 78.54 FEET TO THE POINT OF TANGENCY OF SAID CURVE; THENCE S. 39° 38' 49" W. STILL ALONG SAID EASTERLY RIGHT-OF-WAY LINE 255.00 FEET TO THE POINT OF CURVE OF A CURVE CONCAVE TO THE LEFT HAVING A RADIUS OF 560.00 FEET AND A TOTAL CENTRAL ANGLE OF 25° 30' 00"; THENCE SOUTHWESTERLY ALONG THE ARC OF SAID CURVE; ALSO SAID EASTERLY RIGHT-OF-WAY LINE 249.23 FEET TO THE POINT OF COMPOUND CURVE; THENCE N. 75° 51' 11" W. 80.00 FEET TO A POINT ON THE WESTERLY RIGHT-OF-WAY LINE OF SAID OLD MILL ROAD, SAID POINT BEING ALSO ON THE POINT OF CURVE OF A CURVE CONCAVE TO THE LEFT HAVING A RADIUS OF 1020.00 FEET AND A TOTAL CENTRAL ANGLE OF 35° 30' 00"; THENCE SOUTHEASTERLY ALONG THE ARC OF SAID CURVE, ALSO SAID WESTERLY RIGHT-OF-WAY LINE 631.98 FEET TO THE POINT OF REVERSE CURVE OF A CURVE CONCAVE TO THE RIGHT HAVING A RADIUS OF 1436.94 FEET AND A TOTAL CENTRAL ANGLE OF 23° 12' 53"; THENCE SOUTHEASTERLY ALONG THE ARC OF SAID CURVE, ALSO SAID WESTERLY RIGHT-OF-WAY LINE 50.01 FEET TO THE POINT OF BEGINNING. CONTAINING 46.27 ACRES, MORE OR LESS.

COUNTY ATTORNEY'S CERTIFICATE:

I HEREBY CERTIFY THAT I HAVE EXAMINED THE FOREGOING PLAT AND THAT IT COMPLIES IN FORM WITH COLUMBIA COUNTY SUBDIVISION ORDINANCE NO. 78-7 AND CHAPTER 177 OF THE FLORIDA STATUTES.

DATE Nov. 1, 1983 [Signature]
COUNTY ATTORNEY

COUNTY ACCEPTANCE FOR MAINTENANCE:

I HEREBY CERTIFY THAT THE IMPROVEMENTS HAVE BEEN CONSTRUCTED IN AN ACCEPTABLE MANNER AND IN ACCORDANCE WITH COUNTY SPECIFICATIONS OR THAT A PERFORMANCE BOND OR INSTRUMENT IN THE AMOUNT OF \$ _____ HAS BEEN POSTED TO ASSURE COMPLETION OF ALL REQUIRED IMPROVEMENTS AND MAINTAINANCE IN CASE OF DEFAULT.

DATE: 11/1/83 [Signature]
COUNTY ENGINEER

UNPLATTED LANDS

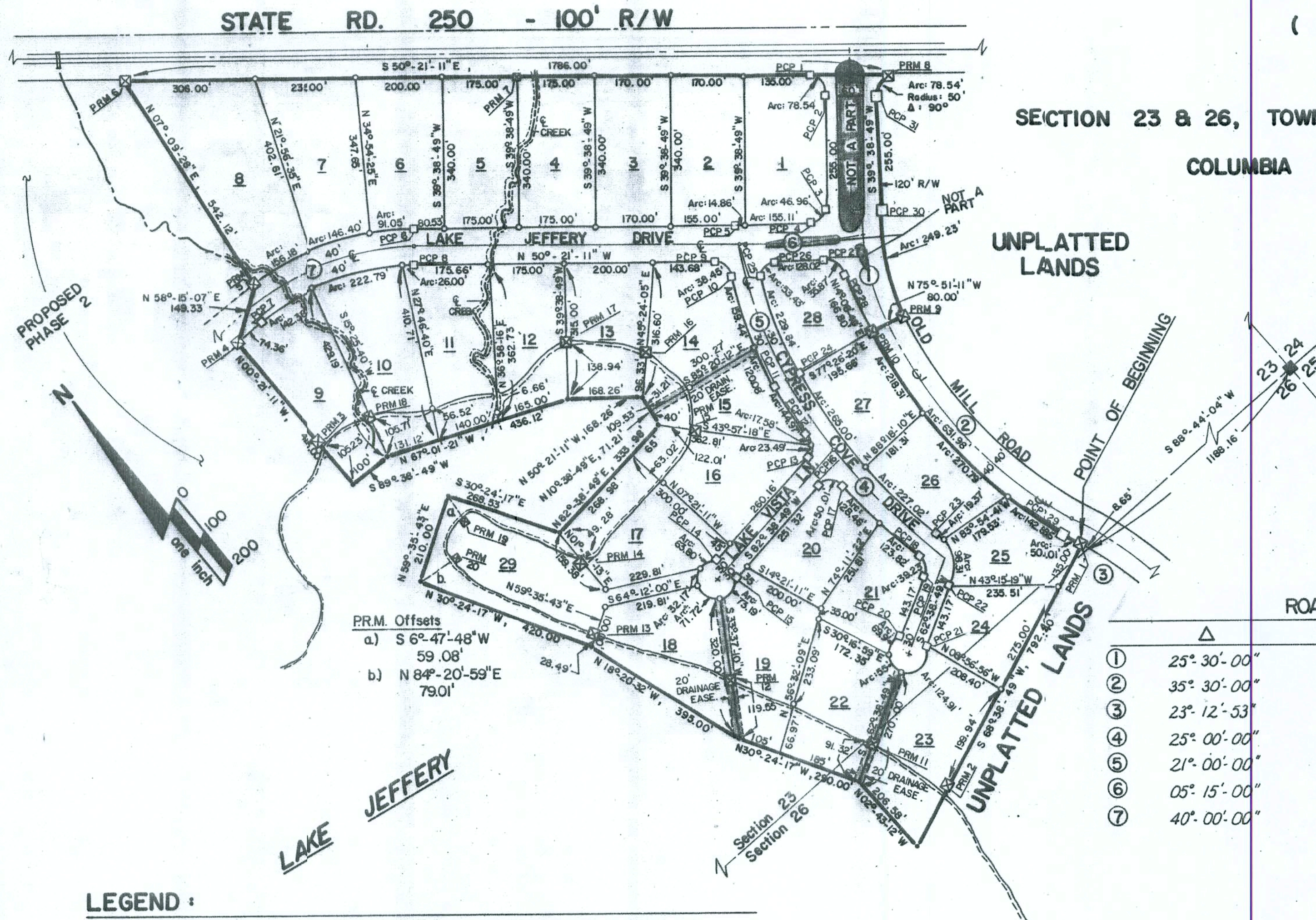
"LAKE JEFFERY"

(PHASE I)

IN

SECTION 23 & 26, TOWNSHIP 3 SOUTH, RANGE 16 EAST

COLUMBIA COUNTY, FLORIDA



ACREAGES			
LOT	AREA	LOT	AREA
1.	1.42 Ac.	15.	1.07 Ac.
2.	1.33	16.	1.21
3.	1.33	17.	1.61
4.	1.36	18.	1.53
5.	1.36	19.	1.46
6.	1.45	20.	1.09
7.	1.60	21.	0.97
8.	2.30	22.	1.36
9.	1.54	23.	1.74
10.	1.71	24.	1.01
11.	1.50	25.	1.00
12.	1.30	26.	1.03
13.	1.33	27.	1.04
14.	1.30	28.	0.99
		29.	1.79

ROAD & CURVE DATA

	Δ	RADIUS	TANGENT	ARC LENGTH
①	25° 30' 00"	600.00'	135.77'	267.04'
②	35° 30' 00"	980.00'	313.70'	607.20'
③	23° 12' 53"	1,476.94'	303.37'	598.42'
④	25° 00' 00"	1,260.00'	279.34'	549.78'
⑤	21° 00' 00"	880.00'	163.10'	322.54'
⑥	05° 15' 00"	2,840.00'	130.21'	260.23'
⑦	40° 00' 00"	600.00'	218.38'	418.88'

LEGEND :

- (1.) = 4"x4" CONCRETE MONUMENT, P.R.M. (PERMANENT REFERENCE MONUMENT) WITH BRASS CAP IN TOP STAMPED L.L. LEE & ASSOCIATES, INC. WITH SURVEYOR'S NUMBER, DATE, & MONUMENT NUMBER.
- (2.) = 4"x4" CONCRETE MONUMENT, P.C.P. (PERMANENT CONTROL POINT) WITH BRASS CAP IN TOP STAMPED L.L. LEE & ASSOCIATES, INC. WITH SURVEYOR'S NUMBER, DATE, & MONUMENT NUMBER.
- (3.) = IRON PIPE SET.
- (4.) = 4"x4" CONCRETE MONUMENT FOUND IN PLACE.
- (5.) BOUNDARY & BEARINGS BASED ON PRIOR WORK IN AREA BY L.L. LEE & ASSOCIATES, INC.
- (6.) BOUNDARY HAS A CLOSURE PRECISION OF 1 FOOT IN 947,000 FEET.
- (7.) PRELIMINARY PLANS APPROVED BY COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS : 10 - 4 - 83

SURVEYOR'S CERTIFICATION :

I HEREBY CERTIFY THAT THIS PLAT IS A TRUE AND CORRECT REPRESENTATION OF THE LAND SURVEYED AND SHOWN HEREON, THAT THE SURVEY WAS MADE UNDER MY RESPONSIBLE DIRECTION AND SUPERVISION, AND THAT PERMANENT CONTROL POINTS HAVE BEEN SET AND THAT SURVEY DATA AND MONUMENTATION COMPLIES WITH THE COLUMBIA COUNTY SUBDIVISION ORDINANCE NO. 78-7 AND CHAPTER 177 OF THE FLORIDA STATUTES.

SIGNED: Rufus C. Ogden
 RUFUS C. OGDEN, P.L.S.
 FLA. REG. CERT. # 1095
 DATE: October 19, 1983