



FRONT ELEVATION

SCALE: 1/4" = 1'



REAR ELEVATION

SCALE: 1/4" = 1'



August 22, 2009



D.D.S. STUDIOS

P.O. Box 173
Lake City, IL 62556
(304) 154-0181

A CUSTOM HOME DESIGNED FOR:

JAMIN & LAURA HUBER

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EXTERIOR ELEVATIONS

SHEET NUMBER

1 of 5

All work shall comply with the standard building codes, and all applicable local codes and ordinances.

Contractor shall verify all dimensions prior to commencing construction.

PROJECT NUMBER

010708

See Attached
Addendum sheet 5



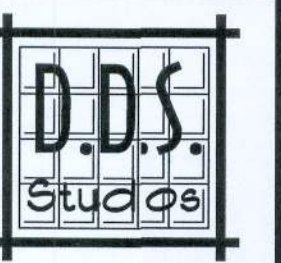
LEFT ELEVATION
SCALE: 1/4" = 1'



RIGHT ELEVATION
SCALE: 1/4" = 1'

ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

August 20, 2009



D.D.S. STUDIOS

P.O. Box 27
Lake City, FL 32056
(904) 754-031

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JAMIN & LAURA HUBER

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Daniel Shaneen
Daniel Shaneen

EXTERIOR ELEVATIONS

SHEET NUMBER

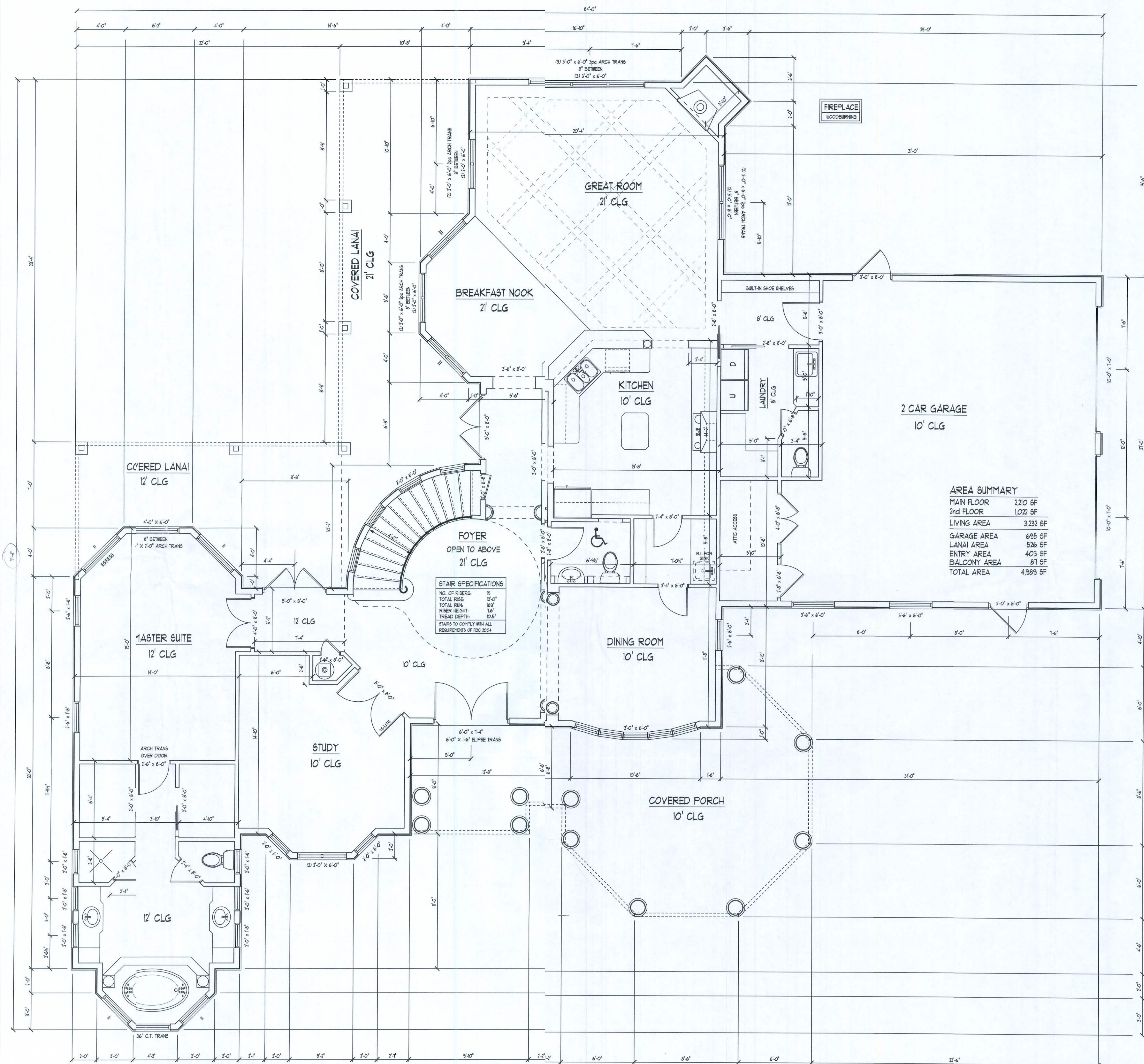
2 of 5

All work shall comply with the standard building code, and all applicable local codes and ordinances.

Contractor shall verify all dimensions prior to commencing construction.

PROJECT NUMBER

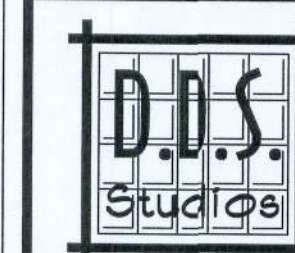
010708



FLOOR PLAN
SCALE: 1/4" = 1'

ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

August 20, 2009



D.D.S. STUDIOS
P.O. Box 113
Lake City, IL 32056
(304) 754-7181

A CUSTOM HOME DESIGNED FOR:

JAMIN & LAURA HUBER

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Daniel Shaheen
Daniel Shaheen

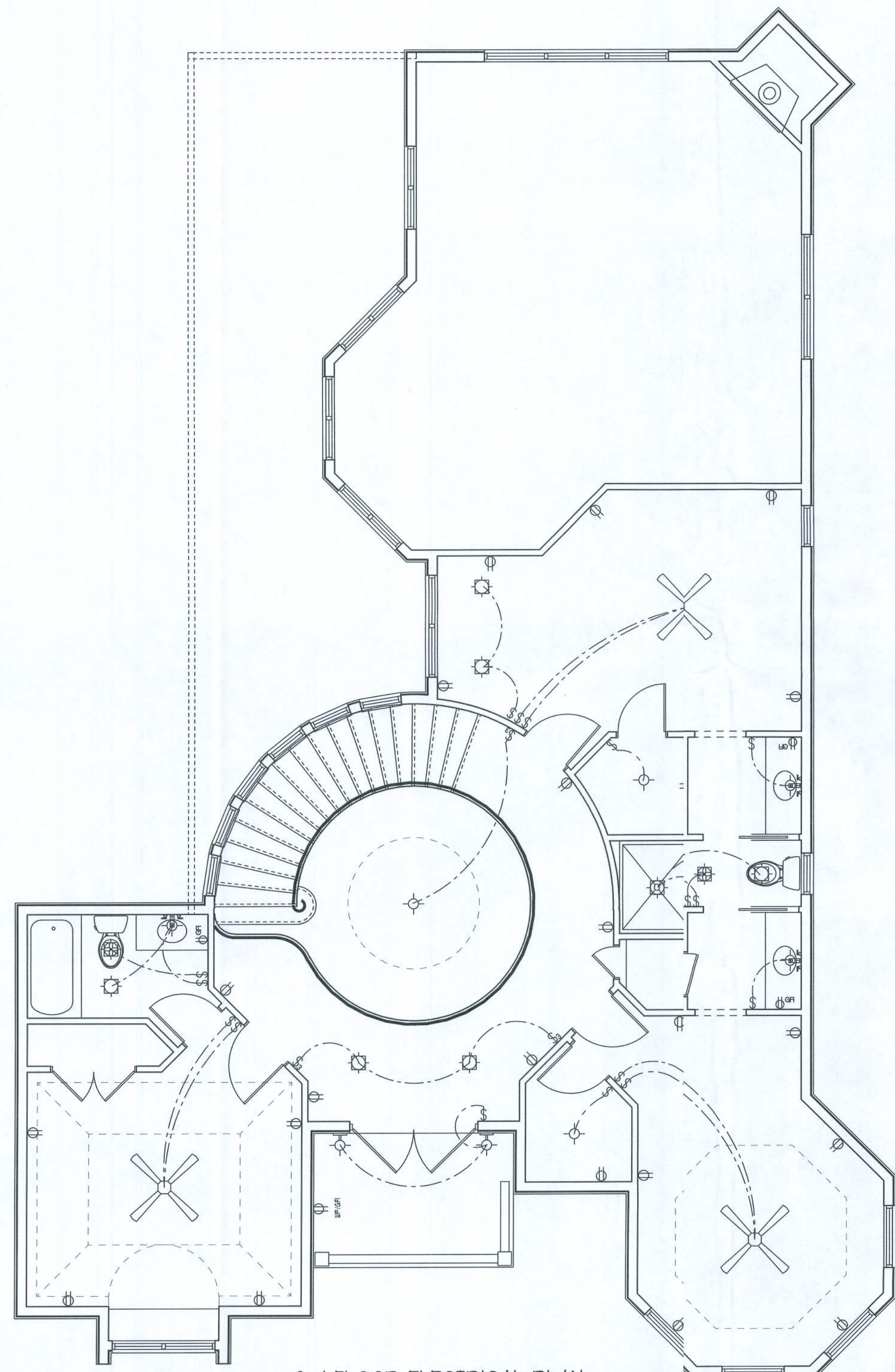
FIRST FLOOR PLAN

SHEET NUMBER
3 of 5

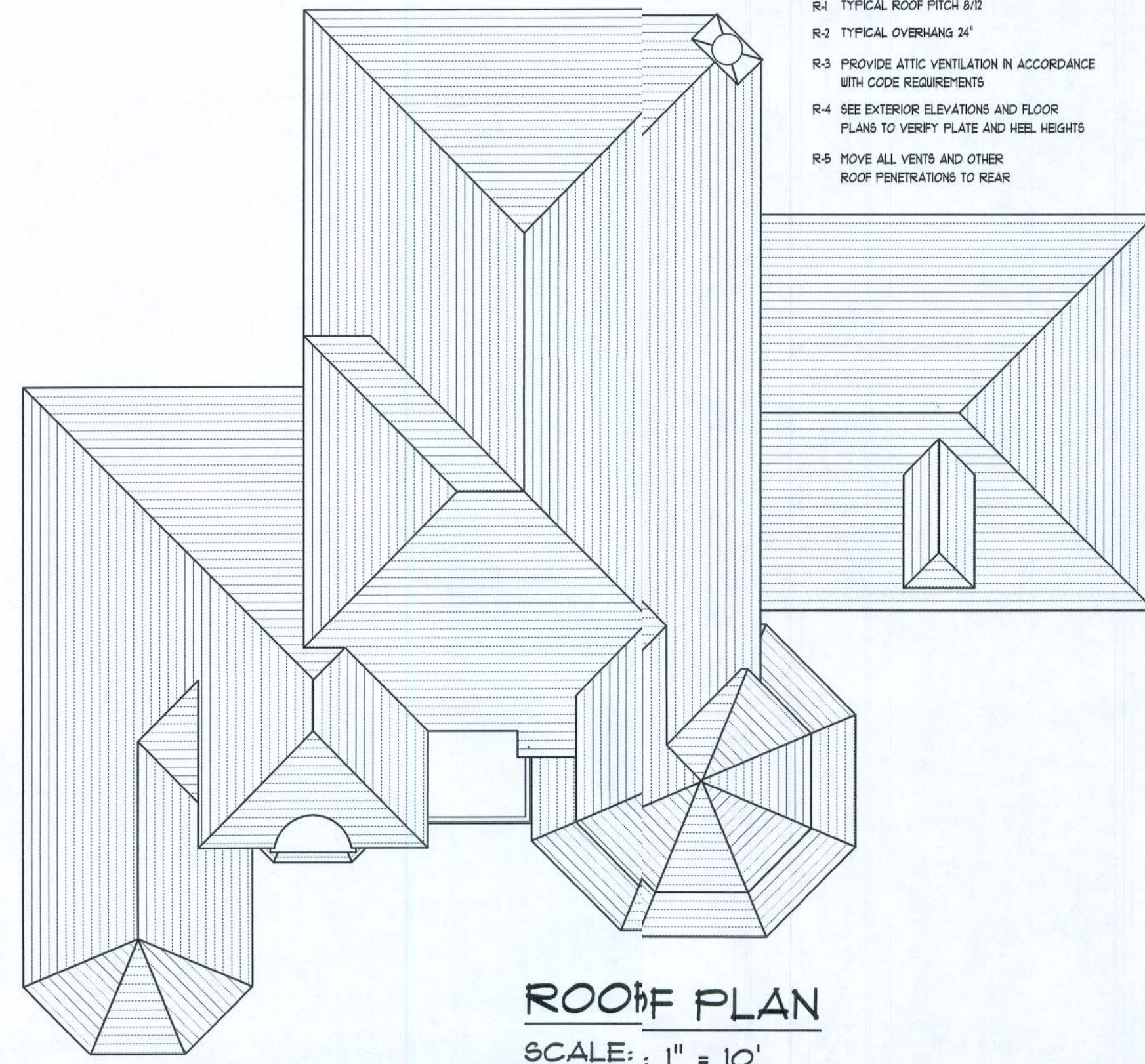
All work shall comply with the standard building code, and all applicable local codes and ordinances.
Contractor shall verify all dimensions prior to commencing construction.

PROJECT NUMBER
010708

27
26
31



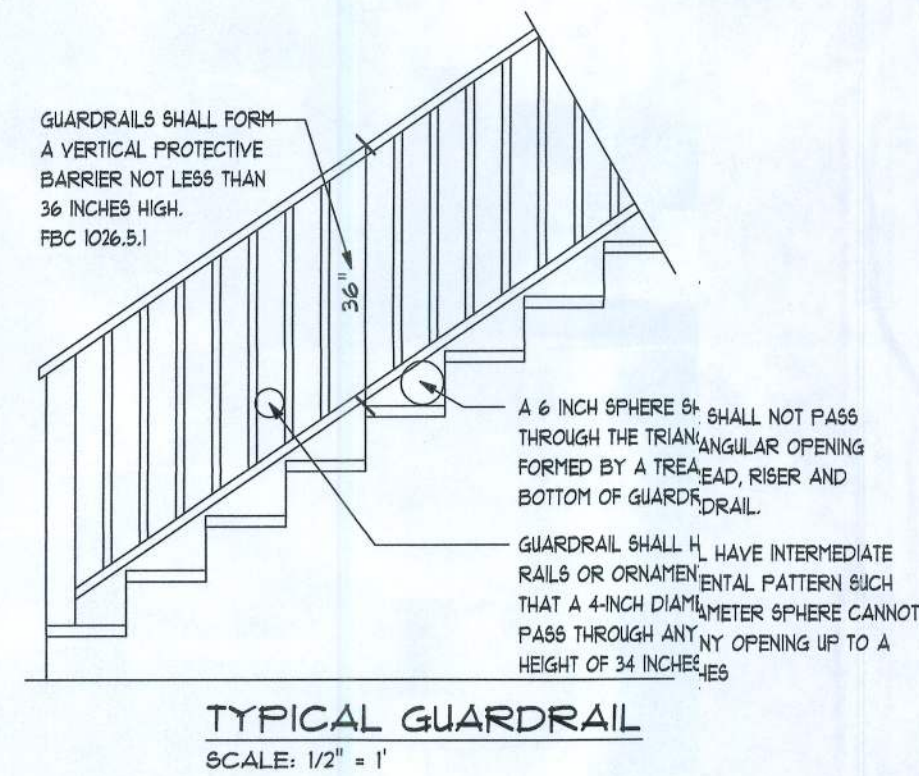
2nd FLOOR ELECTRICAL PLAN
SEE PAGE #5 FOR ELECTRICAL DETAILS AND SPECIFICATIONS



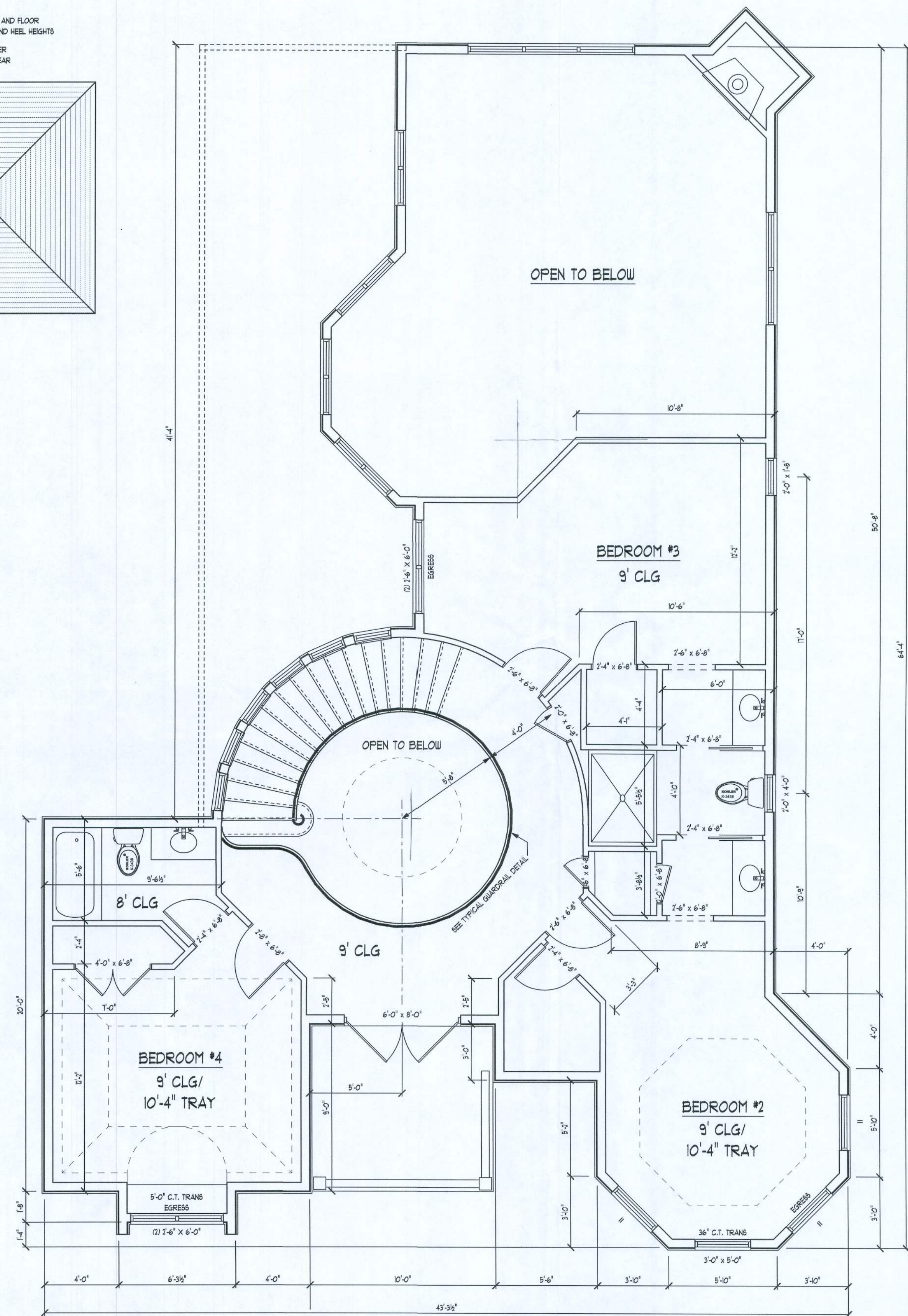
ROOF PLAN NOTES

- R-1 TYPICAL ROOF PITCH 8/12
- R-2 TYPICAL OVERHANG 24"
- R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH CODE REQUIREMENTS
- R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
- R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

ROOF PLAN
SCALE: 1" = 10'



TYPICAL GUARDRAIL
SCALE: 1/2" = 1'



2nd FLOOR PLAN
SCALE: 1/4" = 1'

August 20, 2009



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Daniel Shaheen
Daniel Shaheen

2nd FLOOR PLAN **ROOF PLAN**
2nd FLOOR ELECTRICAL PLAN

SHEET NUMBER
4 of 5

All work shall comply with the standard building code, and all applicable local codes and ordinances.
Contractor shall verify all dimensions prior to commencing construction.

PROJECT NUMBER
010708



D.D.S. Studios Design
Associates Inc.

PO Box 273

Lake City, FL 32056

Tel: 386-754-0181

Date: 7/01/2010

Addendum to Huber Residence Plans

- Windows in Master Bath above tub to be tempered glass

• ELECTRICAL NOTES

INSSTALLATION SHALL BE PER 2008 NAT'L. ELECTRIC CODE.

ELECTRIC**I**AL SERVICE PANEL SHALL BE GROUNDED TO
FOUND**A**TION STEEL WITH #4 BARE COPPER WIRE.

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT
PER MANUFACTURER'S SPECIFICATIONS.

CONSUL**T** THE OWNER FOR THE NUMBER OF SEPARATE
TELEPHONE LINES TO BE INSTALLED.

ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY
BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL
BE INTERLOCKED TOGETHER. INSTALL INSIDE AND
NEAR ALL BEDROOMS.

ANY BUILDING HAVING A FOSSIL-FUEL-BURNING HEATER OR APPLIANCE,
A FIREPLACE OR AN ATTACHED GARAGE SHALL HAVE CARBON
MONOXIDE DETECTORS WITHIN 10' OF ALL BEDROOMS, 12" ABOVE
FINISHED FLOOR, INTERLOCKED TOGETHER.

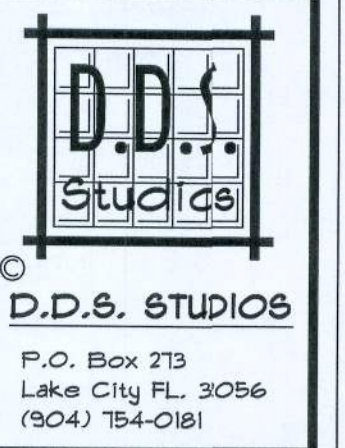
TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE
DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S
DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE
SECTIONS OF NEC-LATEST EDITION.

ALL RECEPTICALS, NOT OTHERWISE DESIGNATED, SHALL BE
TAMPERPROOF, ARC FAULT INTERRUPTER TYPE, EXCEPT
DEDICATED OUTLETS.

ALL RECEPTICALS IN KITCHEN AND BATHS SHALL BE TAMPERPROOF,
GROUND FAULT INTERRUPTER TYPE (GFI).

ALL EXTERIOR RECEPTICALS SHALL BE TAMPERPROOF, WEATHERPROOF
GROUND FAULT INTERRUPTER TYPE (WP/GFI).

August 20, 2009



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JAMIN & LAURA HUBER

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Daniel Shaheen
Daniel Shaheen

ELECTRICAL PLAN

SHEET NUMBER
5 of 5

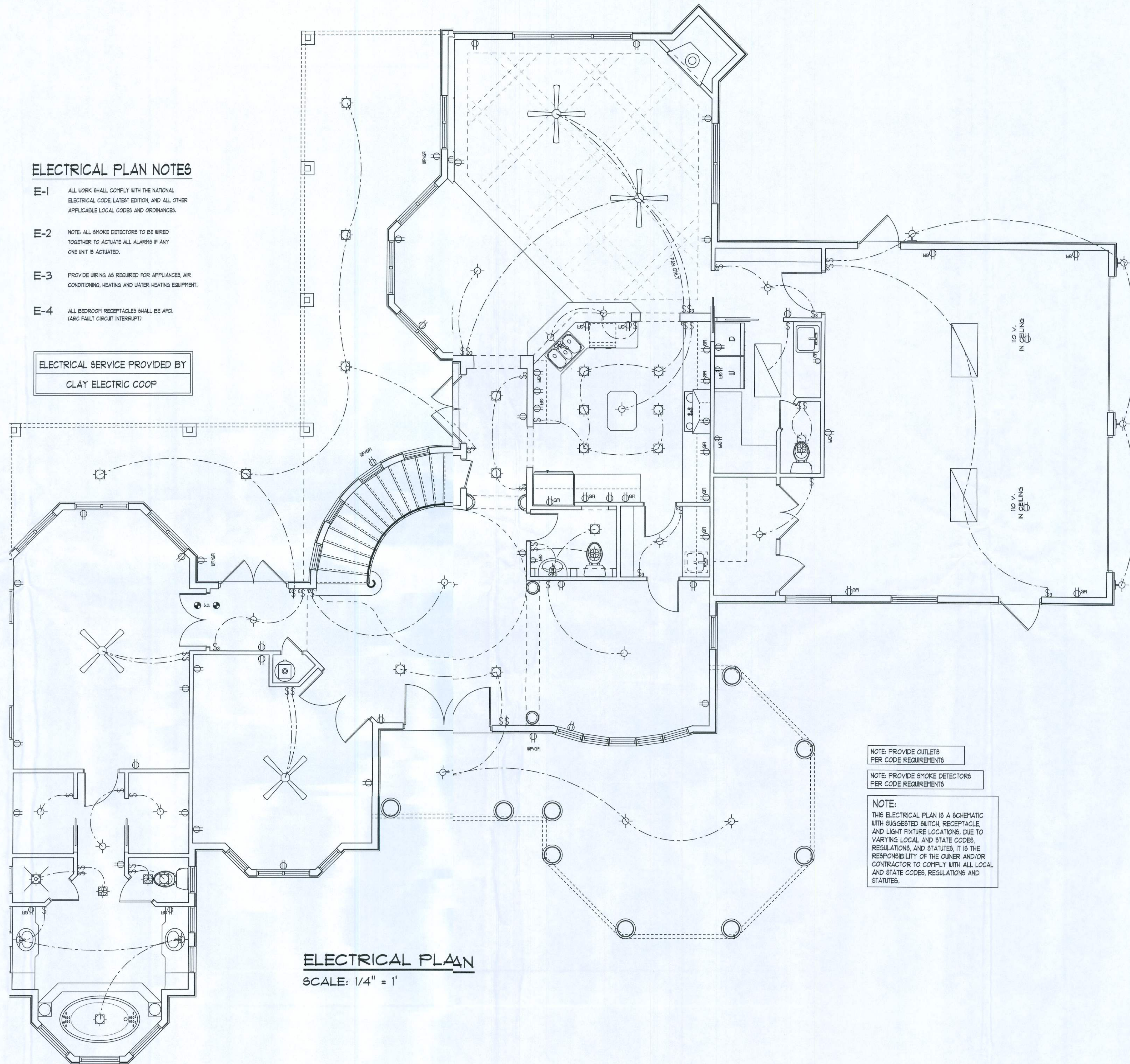
All work shall comply with the standard building codes, and all applicable local codes and ordinance.
Contractor shall verify all dimensions prior to commencing construction.

PROJECT NUMBER
010708

ELECTRICAL PLAN NOTES

- E-1 ALL WORK SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE, LATEST EDITION, AND ALL OTHER APPLICABLE LOCAL CODES AND ORDINANCES.
- E-2 NOTE: ALL SMOKE DETECTORS TO BE WIRED TOGETHER TO ACTIVATE ALL ALARMS IF ANY ONE UNIT IS ACTIVATED.
- E-3 PROVIDE WIRING AS REQUIRED FOR APPLIANCES, AIR CONDITIONING, HEATING AND WATER HEATING EQUIPMENT.
- E-4 ALL BEDROOM RECEPTACLES SHALL BE AFCI (ARC FAULT CIRCUIT INTERRUPT).

ELECTRICAL SERVICE PROVIDED BY
CLAY ELECTRIC COOP



ELECTRICAL PLAN
SCALE: 1/4" = 1'

NOTE: PROVIDE OUTLETS
PER CODE REQUIREMENTS

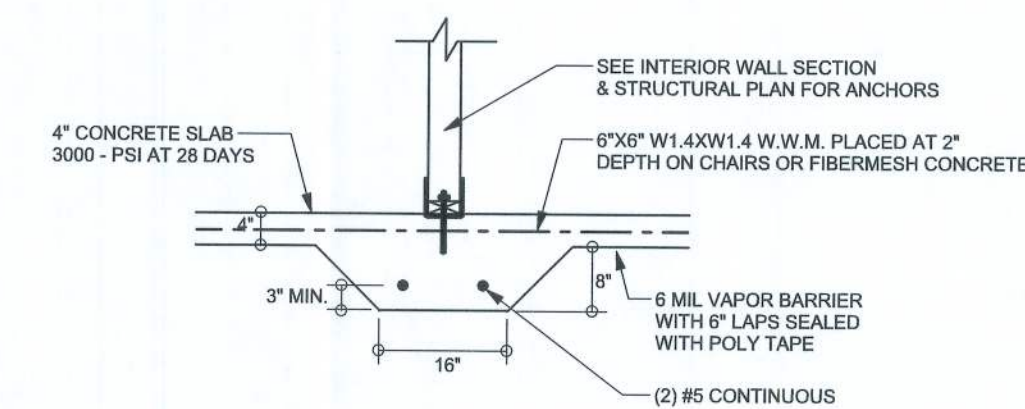
NOTE: PROVIDE SMOKE DETECTORS
PER CODE REQUIREMENTS

NOTE:
THIS ELECTRICAL PLAN IS A SCHEMATIC WITH SUGGESTED SWITCH, RECEPTACLE, AND LIGHT FIXTURE LOCATIONS. DUE TO VARYING LOCAL AND STATE CODES, REGULATIONS, AND STATUTES, IT IS THE RESPONSIBILITY OF THE OWNER AND/OR CONTRACTOR TO COMPLY WITH ALL LOCAL AND STATE CODES, REGULATIONS AND STATUTES.

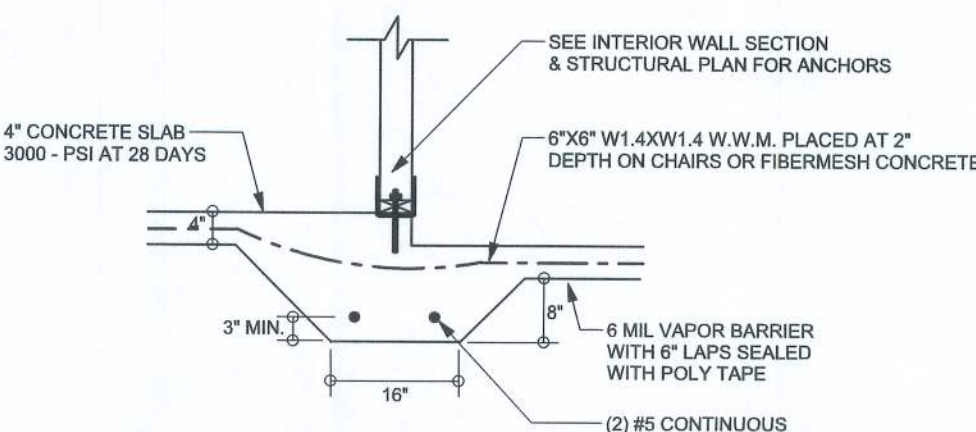
TALL STEM WALL TABLE

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

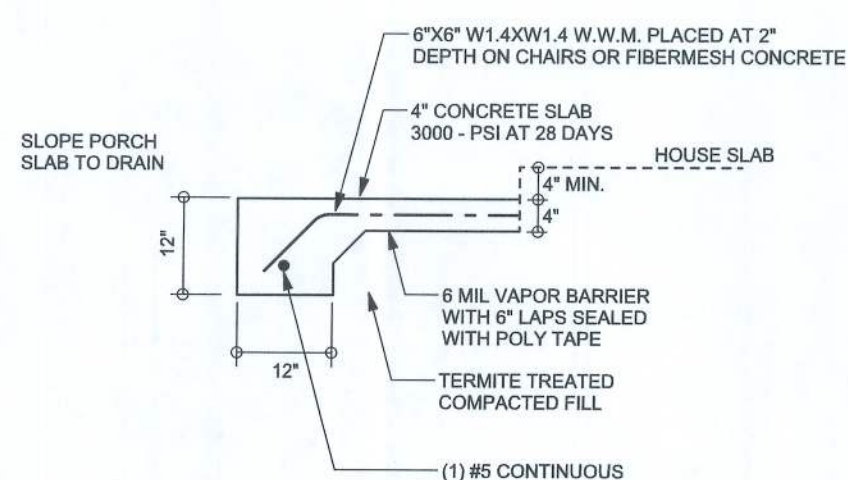
STEM WALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEM WALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEM WALL (INCHES O.C.)		
#5	#7	#8	#5	#7	#8		
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7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



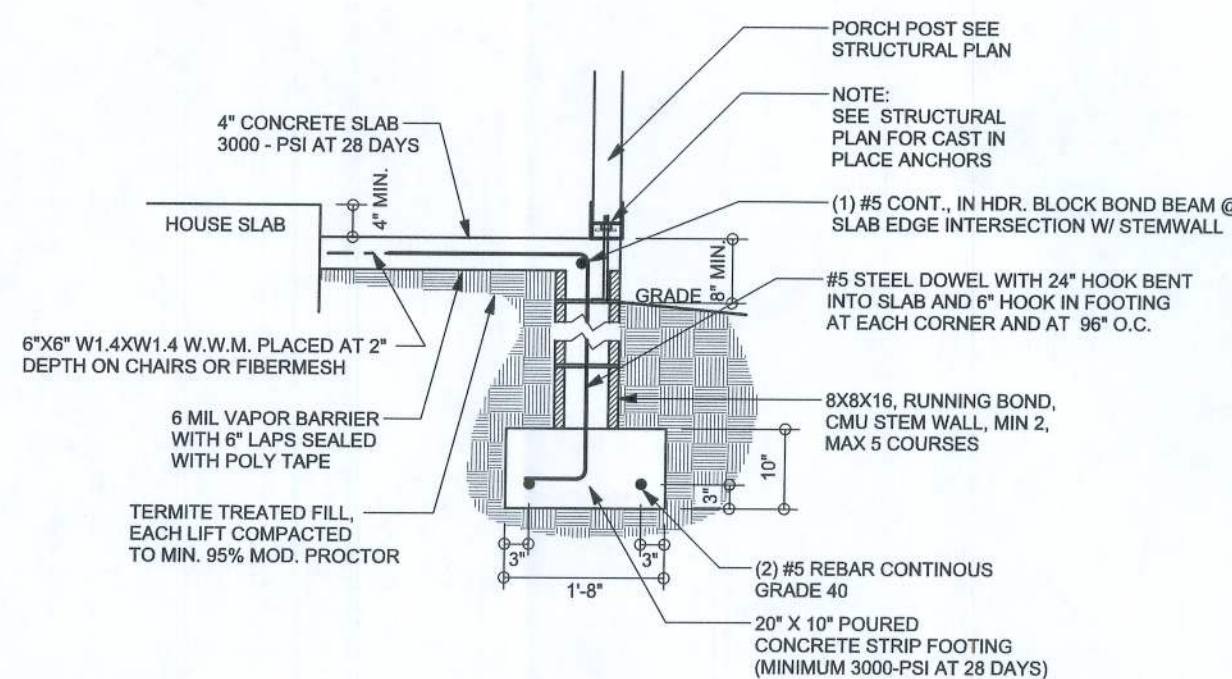
F2 S-2 INTERIOR BEARING FOOTING
SCALE: 1/2" = 1'-0"



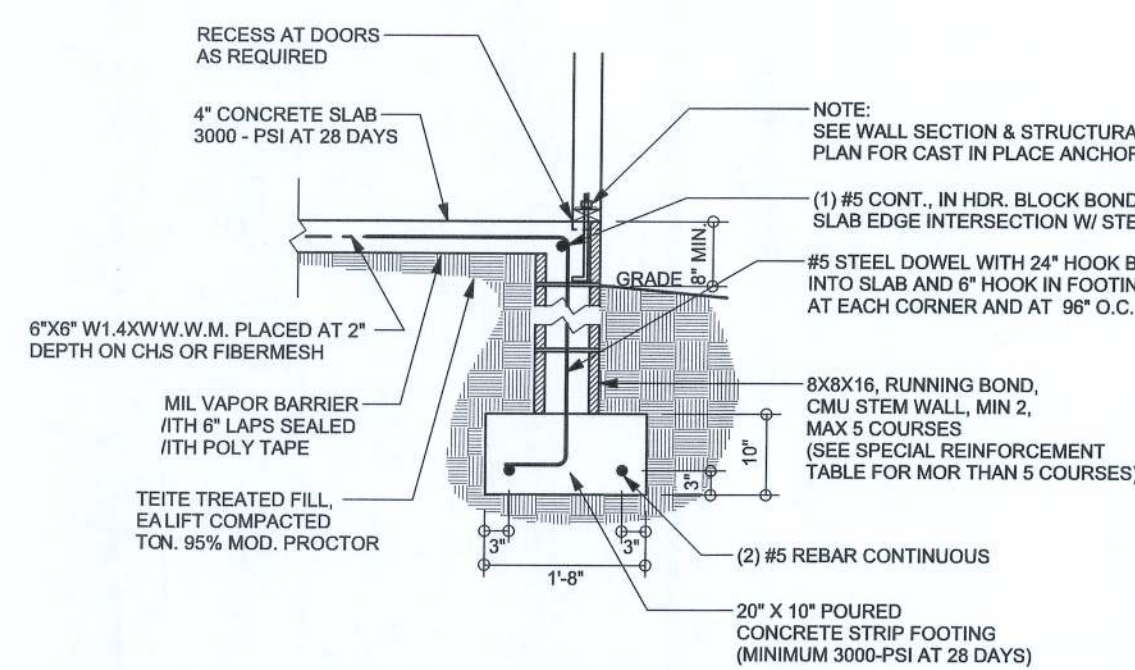
F3 S-2 INTERIOR BEARING STEP FOOTING
SCALE: 1/2" = 1'-0"



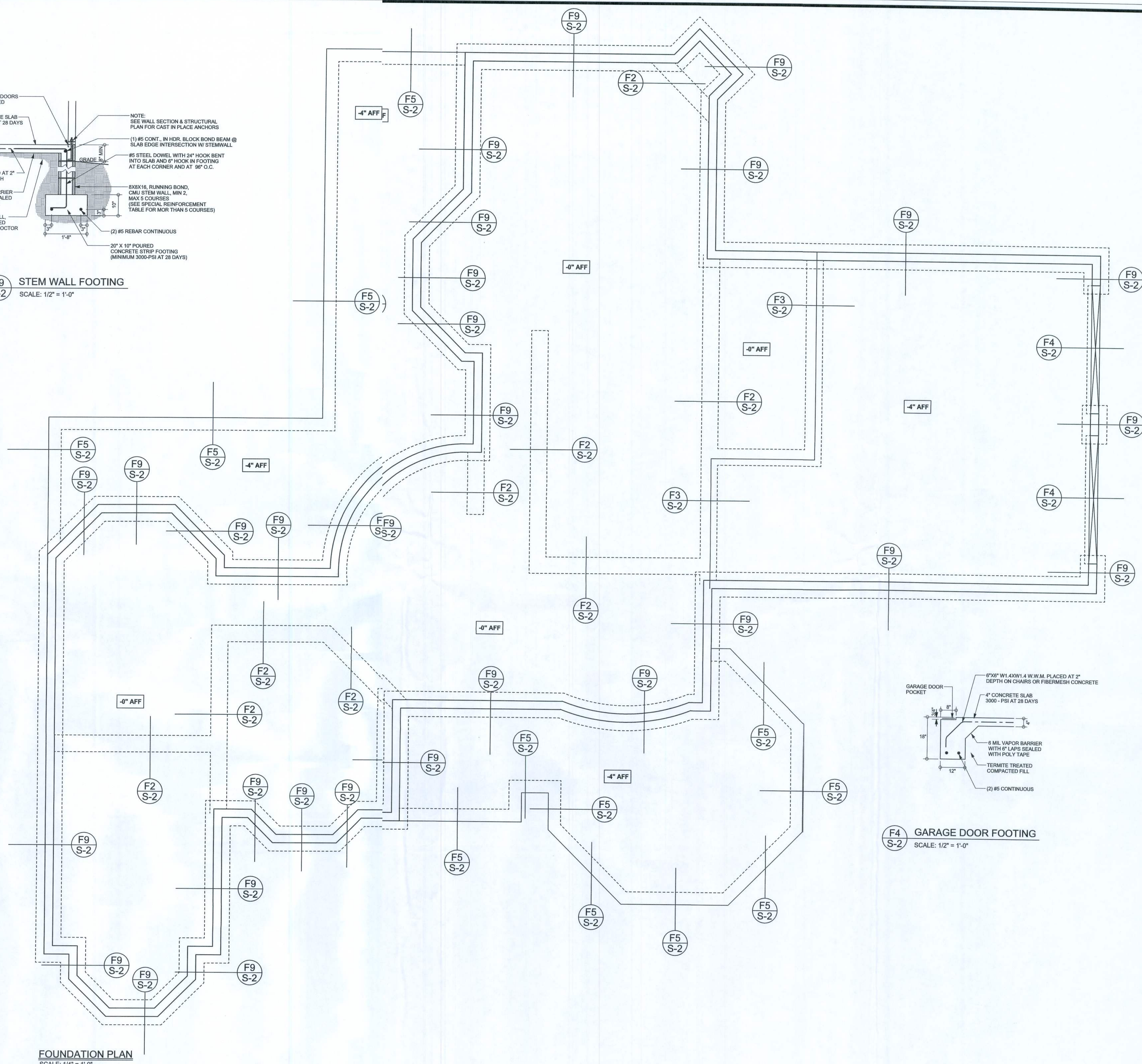
F5 S-2 PORCH FOOTING
SCALE: 1/2" = 1'-0"



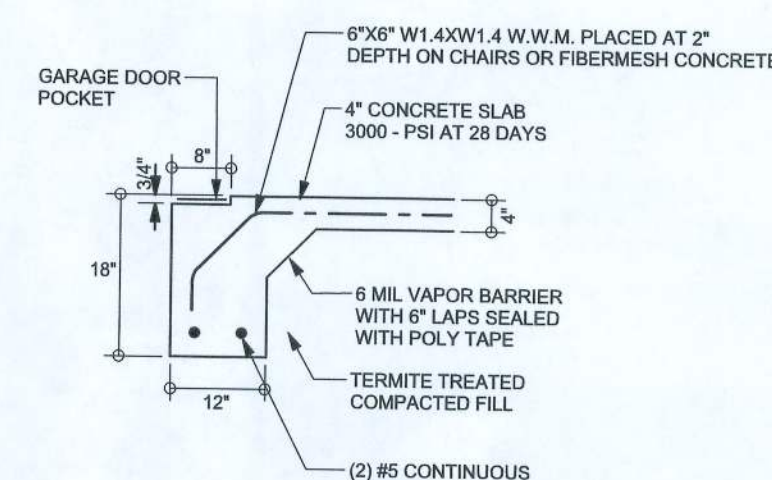
F12 S-2 ALT. STEM WALL PORCH FOOTING
SCALE: 1/2" = 1'-0"



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



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



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

REVISIONS

NO.	DESCRIPTION	DATE

SOFTPLAN
ARCHITECTURAL SOFTWARE

WINDLOAD ENGINEER: Mark Disoway
PE No. 53915, POB 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 it complies with all applicable portions of the plan, relating to wind engineering comply with section F301.2.1 Florida building code residential 2007 & 2009 supplements, to the best of my knowledge.

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

MARK DISOWAY
P.E. 53915
Mark Disoway
REAL

Jamin & Laura
Huber Residence

ADDRESS:
Parcel: 12-55-16-0406-225
412 SW Highpoint Gln.
Lake City, IL

Mark Disoway P.E.
P.O. Box 888
Lake City, Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 269- 4871

PRINTED DATE:
June 18, 2010

DRAWN BY: STRUCTURAL BY:
Evan Beasley

FINALS DATE:
June 10, 2010

JOB NUMBER:
905288

DRAWING NUMBER

S-2

OF 4 SHEETS

REVISIONS

SOFTWARE
ARCHITECTURAL DESIGN SOFTWARE

WINDLOAD ENGINEER: Mark Disosway
P.E. No. 53915, FOS 866, Lake City, FL
32056, 386-754-6419

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

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form or manner without the express written
permission and consent of Mark Disosway.

CERTIFICATION: I hereby certify that I have
examined this plan, and that the applicable
portions of the plan, relate to wind engineering
comply with section R301.1, Florida building
code residential 2007 & 2010 Supplements,
to the best of my knowledge.

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

MARK DISOSWAY
P.E. 53915
SEAL

Jamin & Laura
Huber Residence

ADDRESS:
Parcel: 12-53-1603406-225
412 SW Highland Gln.
Lake City, FL

Mark Disosway P.E.
P.O. Box 868
Lake City, Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 219 - 4871

PRINTED DATE:
June 17, 2010

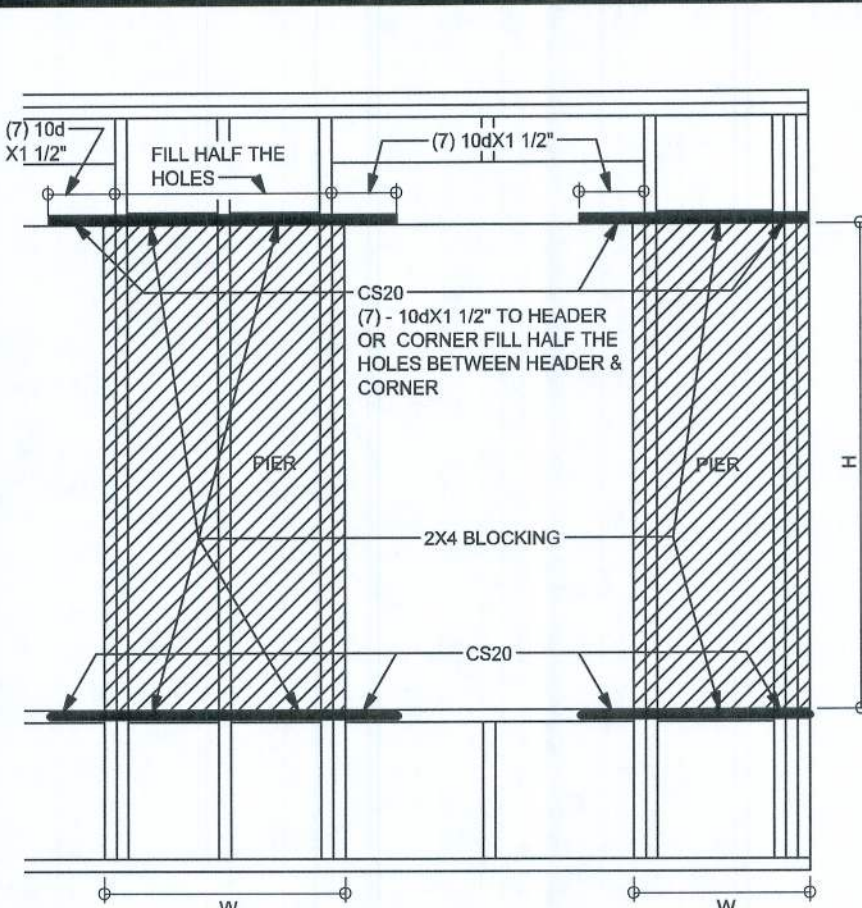
DRAWN BY: JTRUCUTAL BY:
Evan Beasley

FINALS DATE:
June 10, 2010

JOB NUMBER:
905218

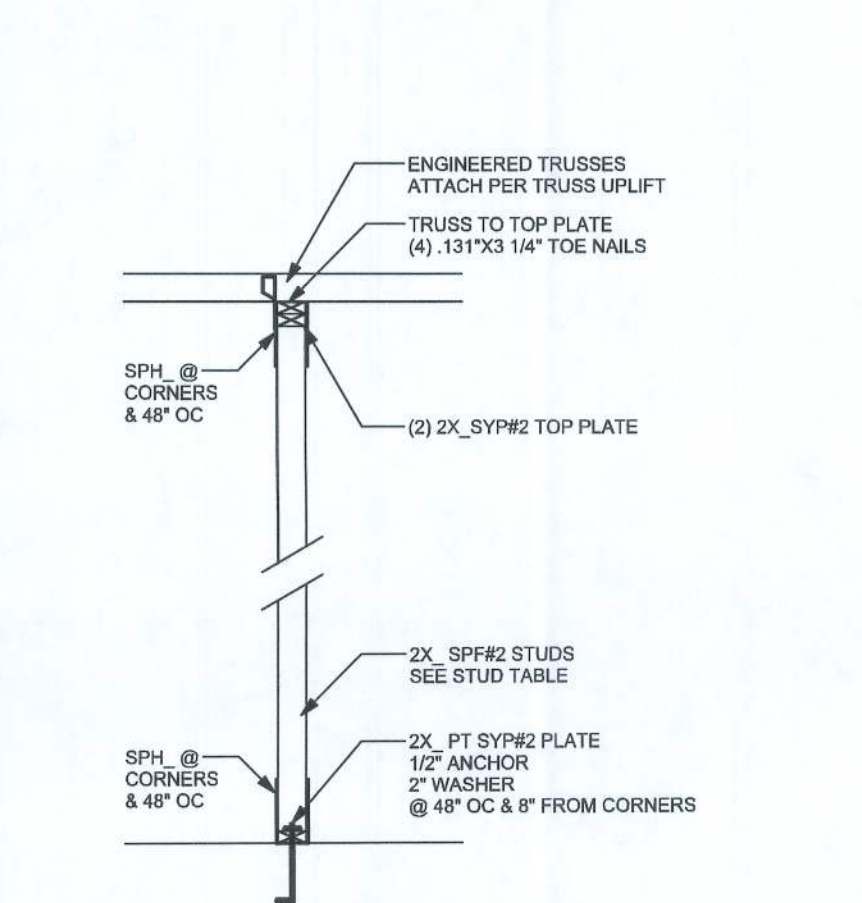
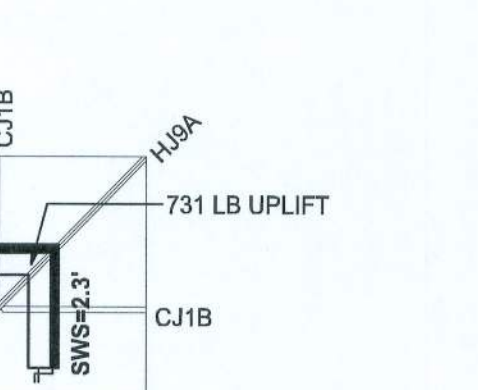
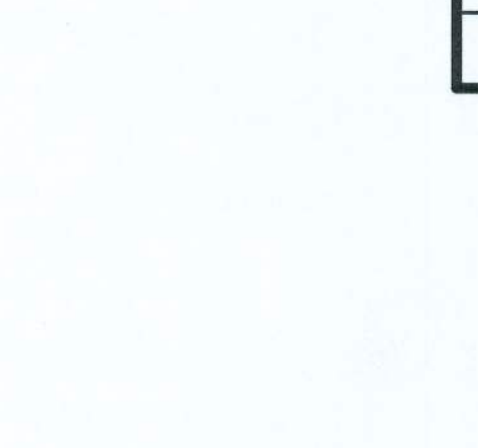
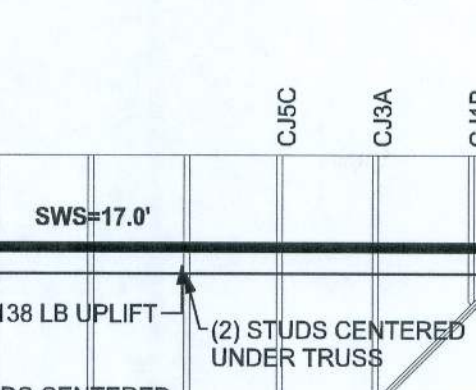
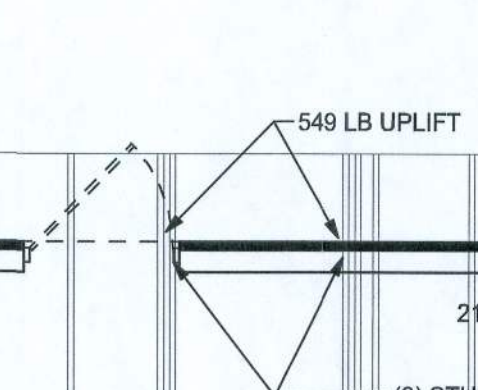
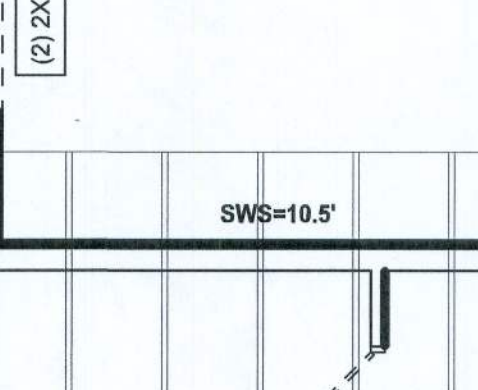
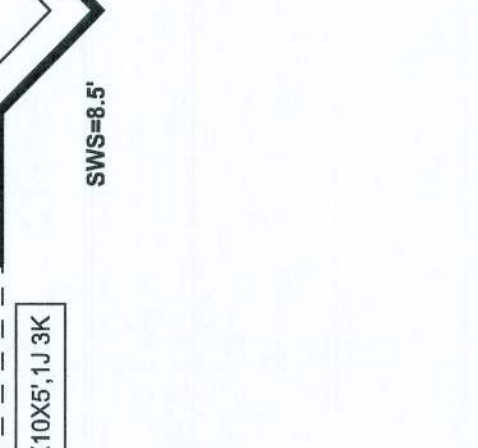
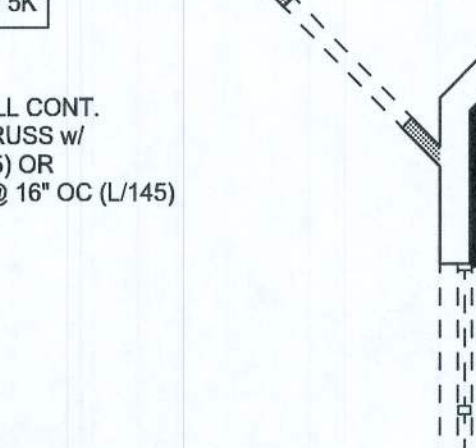
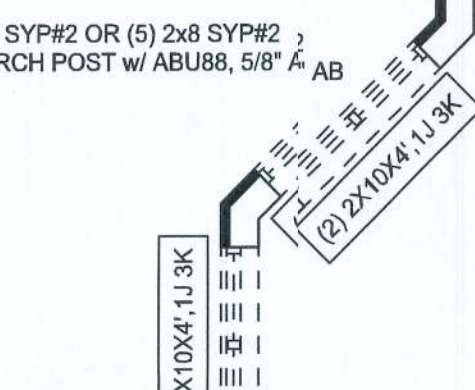
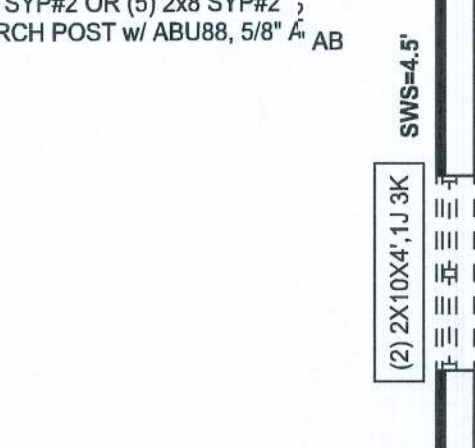
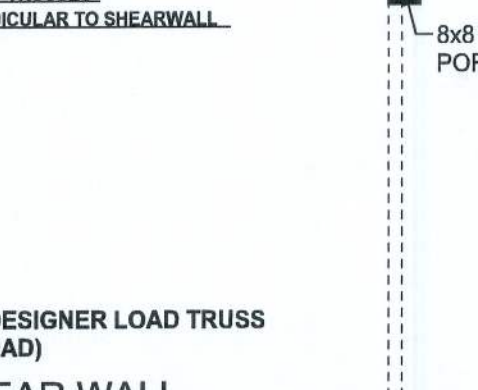
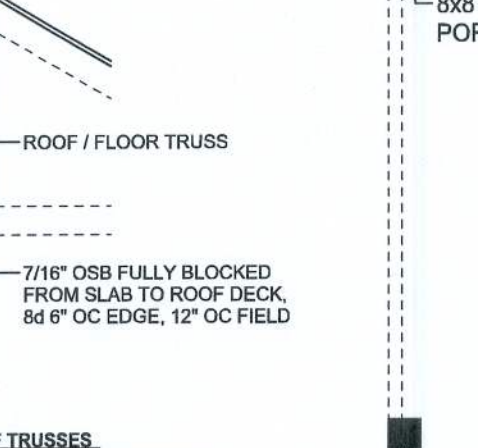
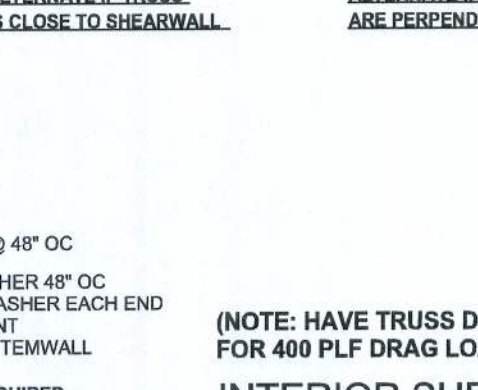
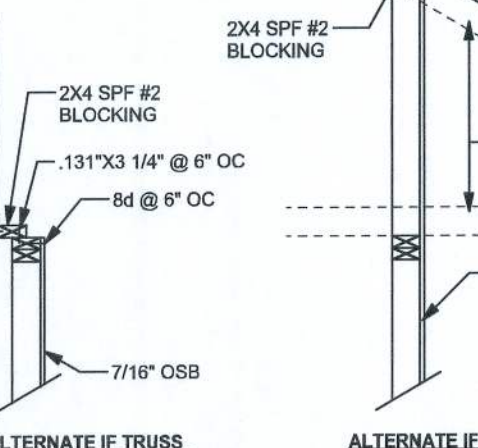
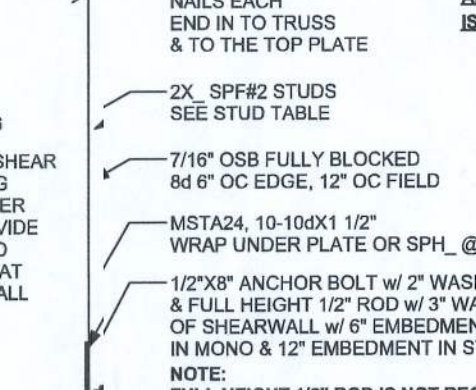
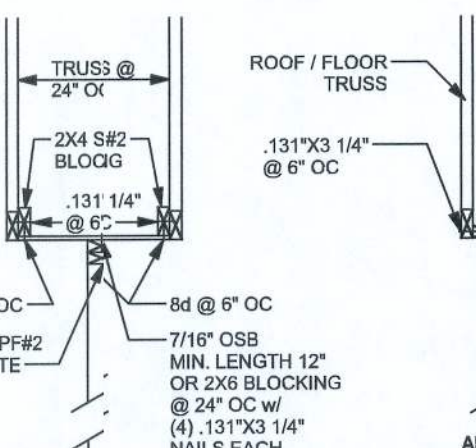
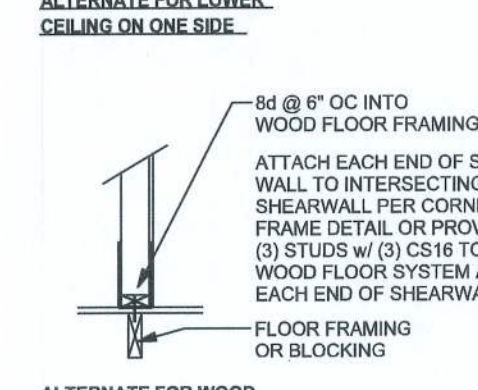
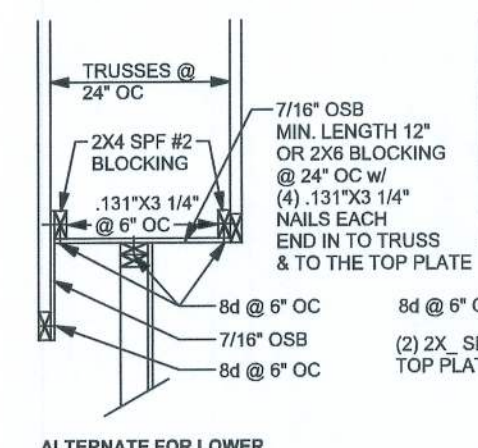
DRAWING NUMBER

S-3
OF 4 SHEETS

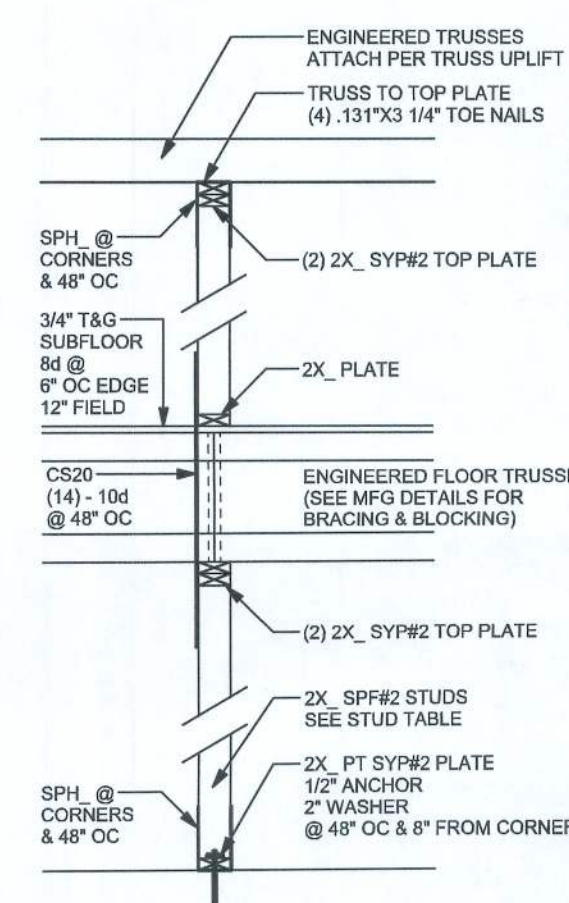


NOTE:
THIS DETAIL IS INTENDED TO BE USED ONLY FOR NARROW SHEARWALL SEGMENTS AS
SPECIFIED ON THE PLAN. THE PIER BEHIND THE OPENING MUST MEET THE ASPECT RATIO
REQUIREMENT $H/W \leq 3.5:1$ WHERE H IS THE PIER HEIGHT. FOR WINDOWS NOT GREATER
THAN 2' HIGH OR 5' WIDE THE WIDTH OF THE OPENING MAY BE INCLUDED AS FULL HEIGHT
SHEARWALL IN ADDITION TO THE PIER WIDTH WHEN STRAPPED ACCORDING TO THIS DETAIL.

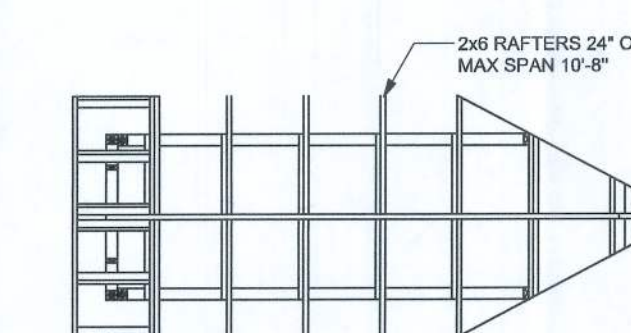
OPENING FORCE TRANSFER WOOD FRAME



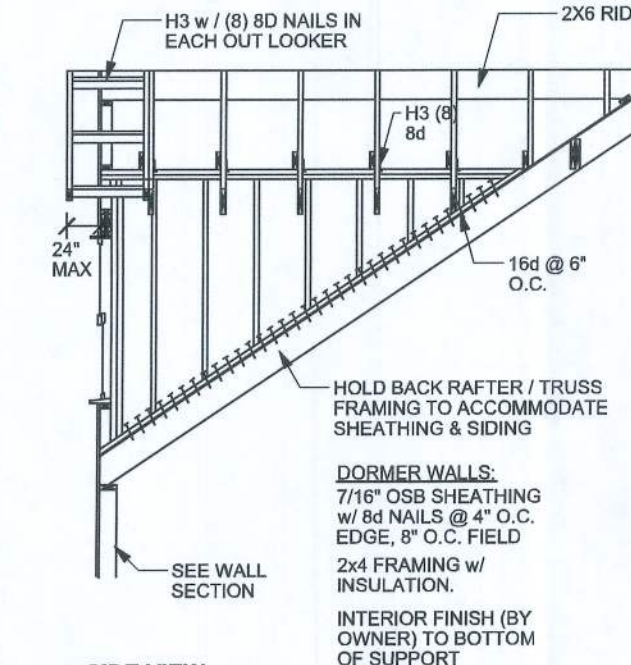
(TYP.) INTERIOR BEARING WALL ONE STORY WOOD FRAME w/ STRAPS & ANCHORS



(TYP.) INTERIOR BEARING WALL TWO STORY WOOD FRAME w/ STRAPS & ANCHORS



FRAMING PLAN



SIDE VIEW



FRONT VIEW

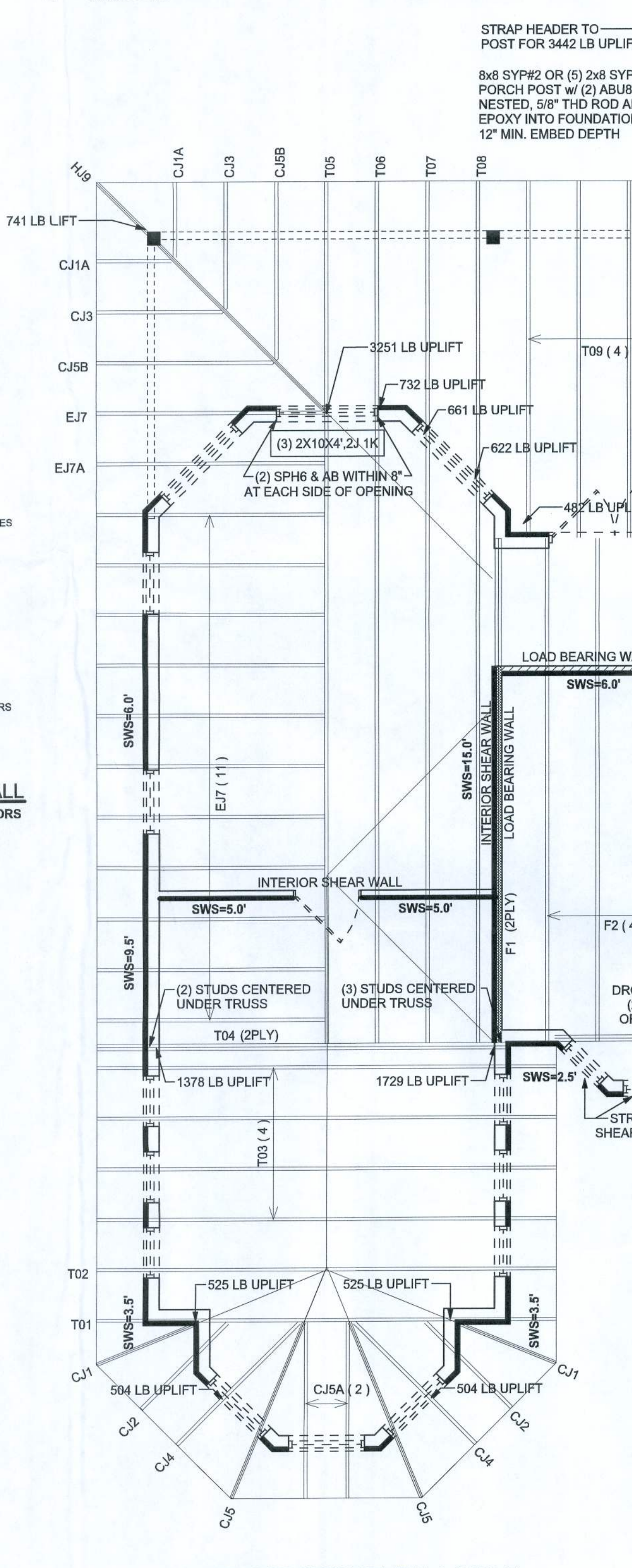
DORMER ANCHORING DETAIL (ON ROOF)

SCALE: N.T.S.

(NOTE: HAVE TRUSS DESIGNER LOAD TRUSS
FOR 400 PLF DRAG LOAD)

INTERIOR SHEAR WALL

ONE STORY WOOD FRAME w/ STRAPS & AB



1st FLOOR STRUCTURAL LAYOUT

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

WALL LEGEND

	EXTERIOR WALL
	INTERIOR NON-LOAD BEARING WALL
	INTERIOR LOAD BEARING WALL w/ NO UPLIFT
	INTERIOR LOAD BEARING WALL w/ UPLIFT

HEADER LEGEND

	HEADER/BEAM CALL-OUT (U.N.O.)
	NUMBER OF KING STUDS (FULL LENGTH)
	NUMBER OF JACK STUDS (UNDER HEADER)
	SPAN OF HEADER
	SIZE OF HEADER MATERIAL
	NUMBER OF PLYS IN HEADER

1ST FLOOR TOTAL SHEAR WALL SEGMENTS

INDICATES SHEAR WALL SEGMENTS		
	REQUIRED	ACTUAL
TRANSVERSE	30717 LB	33053 LB
LONGITUDINAL	30717 LB	32562 LB

STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS
SHALL BE A MINIMUM OF (2) 2X10 SPF #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 BCSS1-03,
BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3
ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED
TRUSS PACKAGE

CONNECTIONS, WALL & HEADER DESIGN IS BASED
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING
FURNISHED BY BUILDER, BUILDERS FIRST SOURCE
JOB# 314347 (TILE ROOF)

REVISIONS	

SOFTPLAN
ARCHITECTURAL BROW SOFTWARE

- RAFTERS SHALL BE IN ACCORDANCE WITH RAFTER SPAN TABLES.
- RAFTER OVERHANGS SHALL NOT EXCEED THE LESSER OF 1/3 RAFTER SPAN OR 24" UNO.
- RAKE OVERHANGS/LOOKERS ARE 24" PURLIN CONNECTED PER GABLE DETAIL UNO.
- RAKE OVERHANGS/LOOKERS SHALL NOT EXCEED THE LESSER OF 1/2 PURLIN LENGTH OR 24".
- RAKE OVERHANGS/LOOKERS SHALL NOT EXCEED THE LESSER OF 1/2 PURLIN LENGTH OR 24".
- RAFTERS AND CING JOISTS SHALL BEARING DIRECTLY ON BEAMS, GIRDERS, LEDGERS OR BEARING WS OR BE SUPPORTED BY JOIST HANGERS. MINIMUM BEARING LENGTH IS 1" ON WOOD METAL AND 3" ON MASONRY OR CONCRETE.
- RAFTERS AND CING JOISTS HAVING A DEPTH-TO-THICKNESS RATIO EXCEEDING 6:1 SHALL HAVE LAYAL SUPPORT AT POINTS OF BEARING TO PREVENT ROTATION.
- RIDGE, HIP, AND LEEY BEAMS SHALL BE INSTALLED PER FRAMING PLANS, WITH RAFTER BEARING ON BEAM OR HANGERS. CEILING JOISTS OR RAFTER TIES ARE NOT REQUIRED WHERE BEAM IS PROVIDED.
- RIDGE BOARDS ± BE PERMITTED PROVIDED: MIN. THICKNESS IS 1" NOMINAL, DEPTH IS NOT LESS THAN END OF THE RAFTERS. RAFTERS ARE PLACED DIRECTLY OPPOSITE EACH OTHER. A WALLS ARE TIED BY RAFTER TIES. CEILING OR FLOOR SYSTEM WHERE THE ROPITCH IS LESS THAN 3:12. STRUCTURAL MEMBERS THAT SUPPORT RAFTERS & CING JOISTS (RIDGES, HIP, & VALLEYS) SHALL BE DESIGNED AS BEAMS. COLLAR TIES OR DGE TENSION STRAPS TO RESIST WIND UPLIFT SHALL BE PROVIDED.
- A CONTINUOUS ID PATH SHALL BE PROVIDED TO TRANSMIT THE UPLIFT FORCES FROM RAFTERS TIES TO THE FOUNDATION. FOR RAFTER CONSTRUCTION, STRAPS SHALL EXTEND THE TOP NAIL IS WITHIN 1" OF THE TOP OF THE RAFTER, OR WRAPPED AROUND TOP OF THE RAFTER WITH ONE NAIL MIN. ON THE OPPOSITE SIDE.
- CEILING JOISTS ALL BE IN ACCORDANCE WITH CEILING JOIST SPAN TABLE.
- WHEN CEILING JOISTS ARE USED TO PROVIDE RESISTANCE TO RAFTER THRUST, LAPED JOISTS MUST BE NAILED TOGETHER OR STRAPPED TOGETHER TO RESIST LOAD.
- CATHEDRAL CEIGS WITHOUT CEILING JOISTS OR RAFTER TIES SHALL HAVE RAFTERS ATTACHED AT 9H END, TO BEARING WALLS, HEADERS, OR RIDGE BEAMS.
- OPENINGS IN RC AND CEILING FRAMING SHALL BE FRAMED WITH HEADER & TRIMMER JOISTS. FOR LETHAN 4 FT. WIDE USE A SINGLE HEADER AND TRIMMER JOIST. FOR OPENINGS GREATER THAN 4 FT. WIDE DOUBLE THE TRIMMER AND HEADER JOISTS.
- HANGERS ARE REQUIRED FOR ALL HEADER JOISTS OVER 6 FT. WIDE.
- PROVIDE HANGERS LEDGER AT HEADER FOR RAFTERS AND JOISTS OVER 12" SPAN. LUMBER ROOF SATHING SHALL BE A MIN. OF 5/8" THICK FOR 24" OC RAFTER SPACING. 1" 1/2" THICK TAGS RAFTERS @ 48" OC. ATTACH WITH (2) 16d EACH JOIST.
- MINIMUM THICKNESS OF STRUCTURAL PANEL ROOF SHEATHING: 18" OC RAFTERS USE 7/16" FOR UPTO 110 MPH. 24" OC RAFTER USE 7/16" UPTO 110 MPH. 36" UPTO 140 MPH. PROVIDE EDGE BLOCKING OR EDGE CLIPS FOR 7/16" SHEATHING w/ 24" SPANS. ATTACH STRUCTURAL SHEATHING w/ 8d RING-SHANK @ 8" OC EDGE & FIELD. 4" OC GABLE. 0.113 INCH NOMAL SHANK DIAMETER / RING DIAMETER OF 0.017" OVER SHANK DIA. 16 TO 20 RINGS INCH / 0.280" FULL ROUND HEAD DIAMETER / 2" NAIL LENGTH.
- PROVIDE DIAPHRM BLOCKING AT PANEL EDGES IN THE FIRST 2 BAYS, 48" OC MAX.

R02 ROF SYSTEM DESIGN NOTE WD RAFTER FRAMING

AFTER SPANS FOR SOUTHERN PINE #2 ROOF LIVE LOAD = 20 PSF									
RAFTER SPACING	DEAD LOAD = 10 psf CEILING NOT ATTACHED TO RAFTERS (L/160)				DEAD LOAD = 20 psf CEILING ATTACHED TO RAFTERS (L/240)				
	2x4	2x6	2x8	2x10	2x12	2x4	2x6	2x8	2x10
12" OC	10'-0"	17'-0"	22'-0"	28'-0"	34'-0"	9'-0"	15'-0"	19'-0"	23'-0"
16" OC	8'-0"	13'-0"	17'-0"	22'-0"	28'-0"	7'-0"	11'-0"	14'-0"	17'-0"
19.2" OC	7'-0"	11'-0"	14'-0"	18'-0"	22'-0"	6'-0"	9'-0"	12'-0"	15'-0"
24" OC	6'-0"	9'-0"	12'-0"	15'-0"	18'-0"	5'-0"	7'-0"	9'-0"	12'-0"

AFTER SPANS FOR SOUTHERN PINE #2 GROUND SNOW LOAD = 30 PSF									
RAFTER SPACING	DEAD LOAD = 10 psf CEILING NOT ATTACHED TO RAFTERS (L/160)				DEAD LOAD = 20 psf CEILING ATTACHED TO RAFTERS (L/240)				
	2x4	2x6	2x8	2x10	2x12	2x4	2x6	2x8	2x10
12" OC	9'-0"	14'-0"	18'-0"	22'-0"	28'-0"	8'-0"	12'-0"	16'-0"	20'-0"
16" OC	8'-0"	12'-0"	16'-0"	20'-0"	24'-0"	7'-0"	11'-0"	14'-0"	17'-0"
19.2" OC	7'-0"	11'-0"	14'-0"	18'-0"	22'-0"	6'-0"	9'-0"	12'-0"	15'-0"
24" OC	6'-0"	9'-0"	12'-0"	15'-0"	18'-0"	5'-0"	7'-0"	9'-0"	12'-0"

THE TABULATED FTER SPANS ASSUME THAT CEILING JOISTS ARE LOCATED AT THE BOTTOM OF THE IC SPACE OR THAT SOME OTHER METHOD OF RESISTING THE OUTWARD PUSH THE RAFTERS ON THE BEARING WALLS SUCH AS RAFTER TIES, IS PROVIDED AT Y LOCATION. WHEN CEILING JOISTS OR RAFTER TIES ARE LOCATED HIGHER IN THE IC SPACE, THE RATER SPANS SHALL BE MULTIPLIED BY THE FACTORS GIVEN LOW:

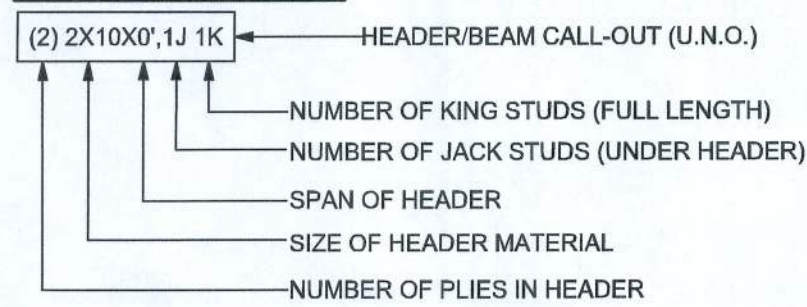
HC = HEIGHT OF LING JOISTS OR RAFTER TIES MEASURED VERTICALLY ABOVE THE TOP OF THE RATER SUPPORT WALLS	HC / HR	RAFTER SPAN ADJUSTMENT FACTOR
1/3	0.67	
1/2	0.76	
2/3	0.83	
1/2 OR LESS	1.00	

R04 RATER SPAN TABLE (SYP#2) BAD ON IRC TABLE R802.5.1 (1-3, 5)

CENG JOISTS SPANS FOR SOUTHERN PINE #2 UNINHABITABLE ATTICS (L/240)									
CEILING JOIST SPACING	WITHOUT STORAGE LIVE LOAD = 10 psf DEAD LOAD = 5 psf				WITH LIMITED STORAGE LIVE LOAD = 20 psf DEAD LOAD = 10 psf				
	2x4	2x6	2x8	2x10	2x4	2x6	2x8	2x10	
12" OC	12'-0"	18'-0"	24'-0"	30'-0"	9'-0"	13'-0"	17'-0"	21'-0"	
16" OC	11'-0"	17'-0"	22'-0"	28'-0"	8'-0"	12'-0"	16'-0"	20'-0"	
19.2" OC	10'-0"	16'-0"	21'-0"	26'-0"	7'-0"	11'-0"	15'-0"	19'-0"	
24" OC	9'-0"	15'-0"	20'-0"	25'-0"	6'-0"	10'-0"	14'-0"	18'-0"	

R06 CEILING JOIST SPAN TABLE (SYP#2) BAD ON IRC TABLE R802.4(1-2)

HEADER LEGEND



WALL LEGEND

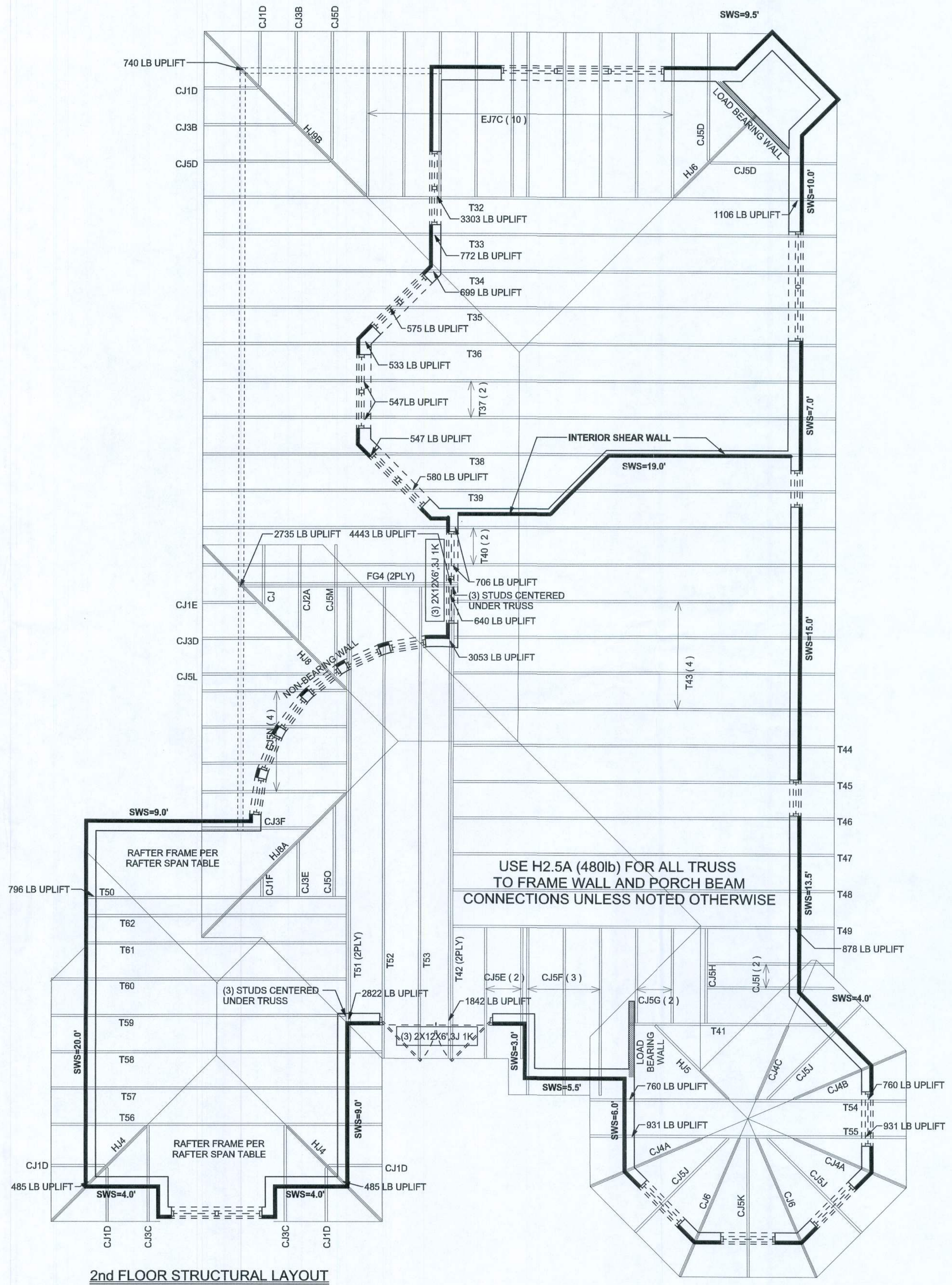
	EXTERIOR WALL
	INTERIOR NON-LOAD BEARING WALL
	INTERIOR LOAD BEARING WALL w/ NO UPLIFT
	INTERIOR LOAD BEARING WALL w/ UPLIFT

2ND FLOOR TOTAL SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	24592 LB	34571 LB
LONGITUDINAL	14056 LB	36406 LB

STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X10 SPF #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-S1-03, BCSI-S1, BCSI-S2, & BCSI-B3. BCSI-S1, BCSI-S2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE



2nd FLOOR STRUCTURAL LAYOUT SCALE: 1/4" = 1'-0"

CONNECTIONS, WALL, & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. BUILDERS FIRST SOURCE JOB# 314347 (TILE ROOF)

WINDLOAD ENGINEER: Mark Discoway, PE No. 23316, P.O. Box 868, 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.

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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 F301.2.1, Florida Building Code Residential 2007 & 2009 Supplements, to the best of my knowledge.

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

MARK DISCOWAY
P.E. 23316
18/10/10
SBL

Jamin & Laura
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PRINTED DATE:
June 17, 2010

DRAWN BY: STRUTURAL BY:
Evan Beamsley

FINALS DATE:
June 10, 2010

JOB NUMBER:
905288

DRAWING NUMBER

5-4
OF 4 SHEETS