

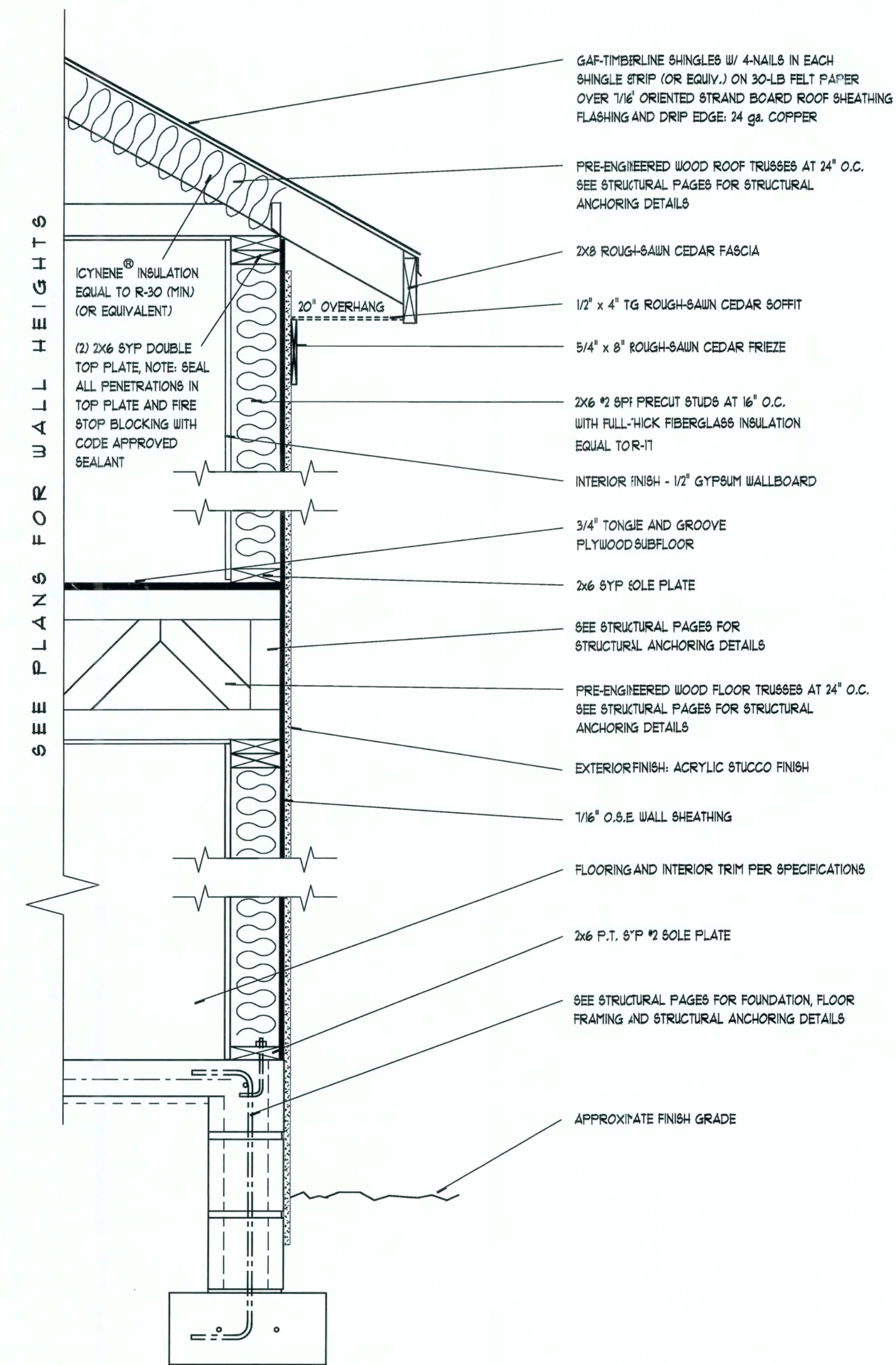
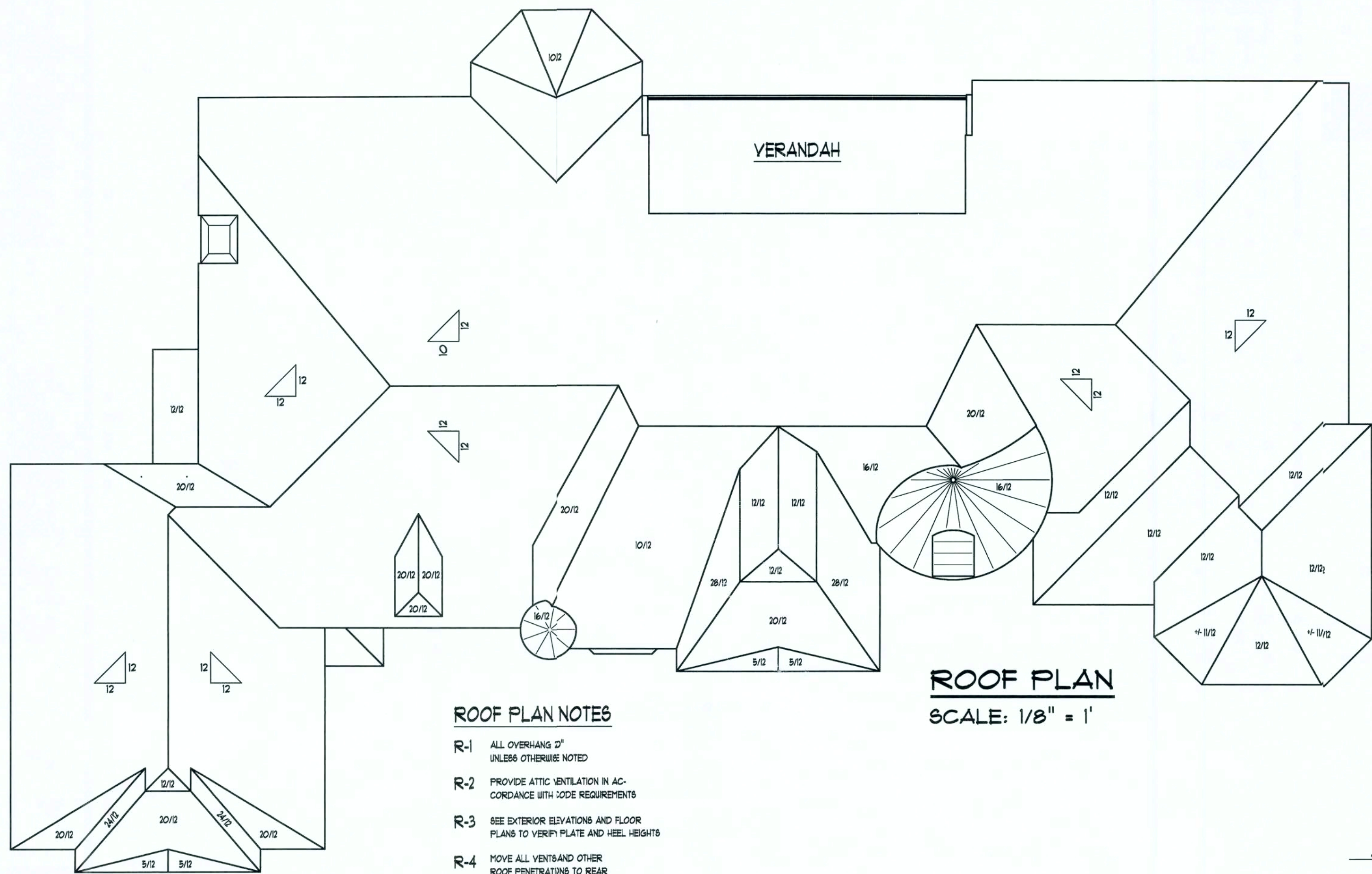


FRONT ELEVATION  
SCALE: 1/4" = 1'



REAR ELEVATION  
SCALE: 1/4" = 1'





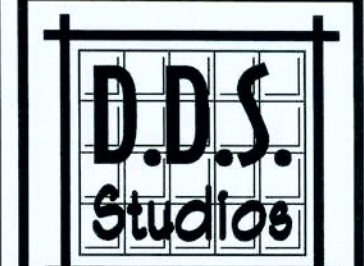
**LEFT ELEVATION**  
SCALE: 1/4" = 1'



**RIGHT ELEVATION**  
SCALE: 1/4" = 1'



June 28, 2007



ARCHITECTURAL  
DESIGN

P.O. Box 273  
LAKE CITY FL 32056  
(386) 754-0181

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ENGINEERED BY:

CUSTOM HOME DESIGNED FOR:  
**JEREMY & SUSIE CADY**  
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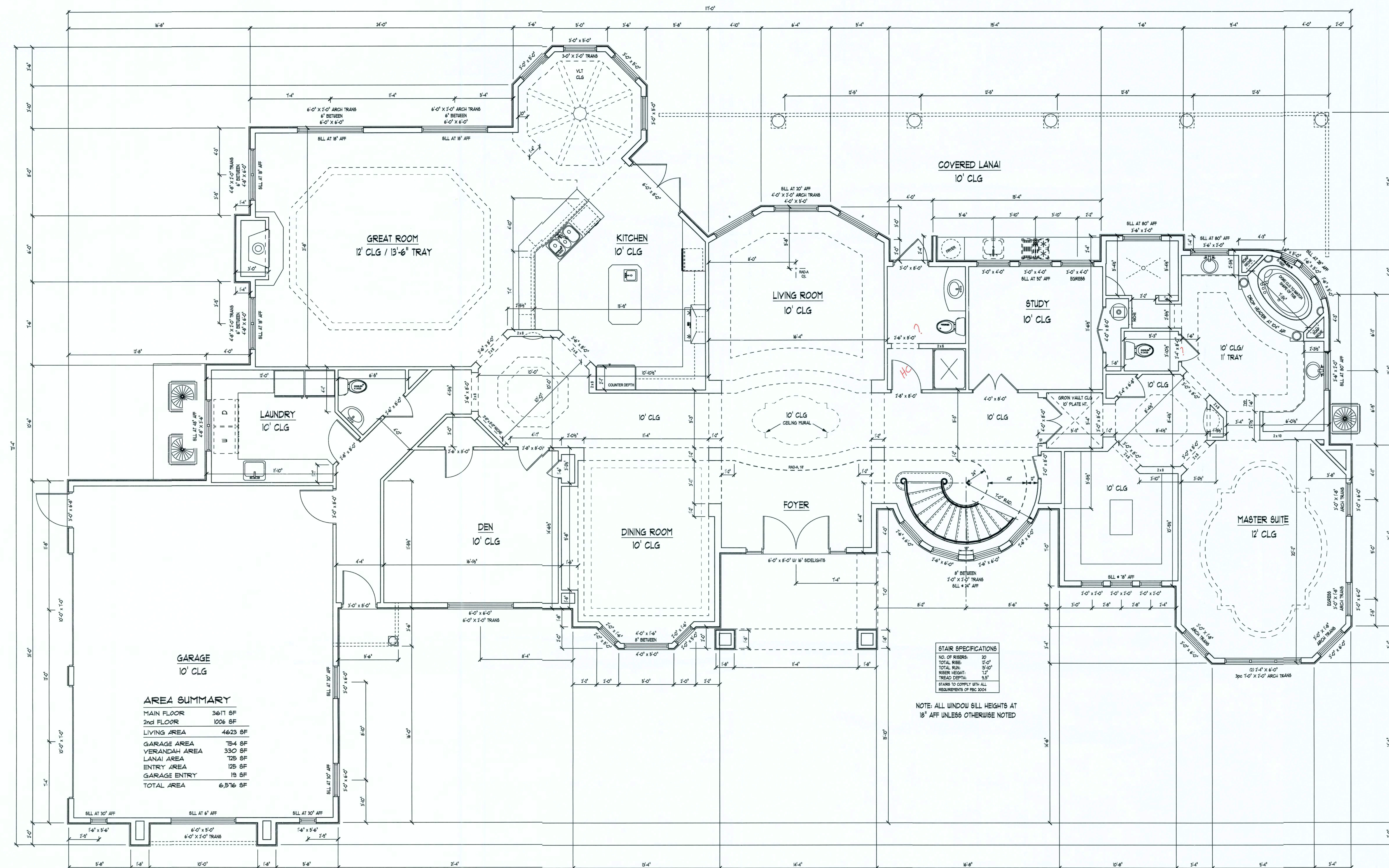
DESIGNED FOR:

*Daniel Shaheen*  
**Daniel Shaheen**

**FLOOR PLAN**

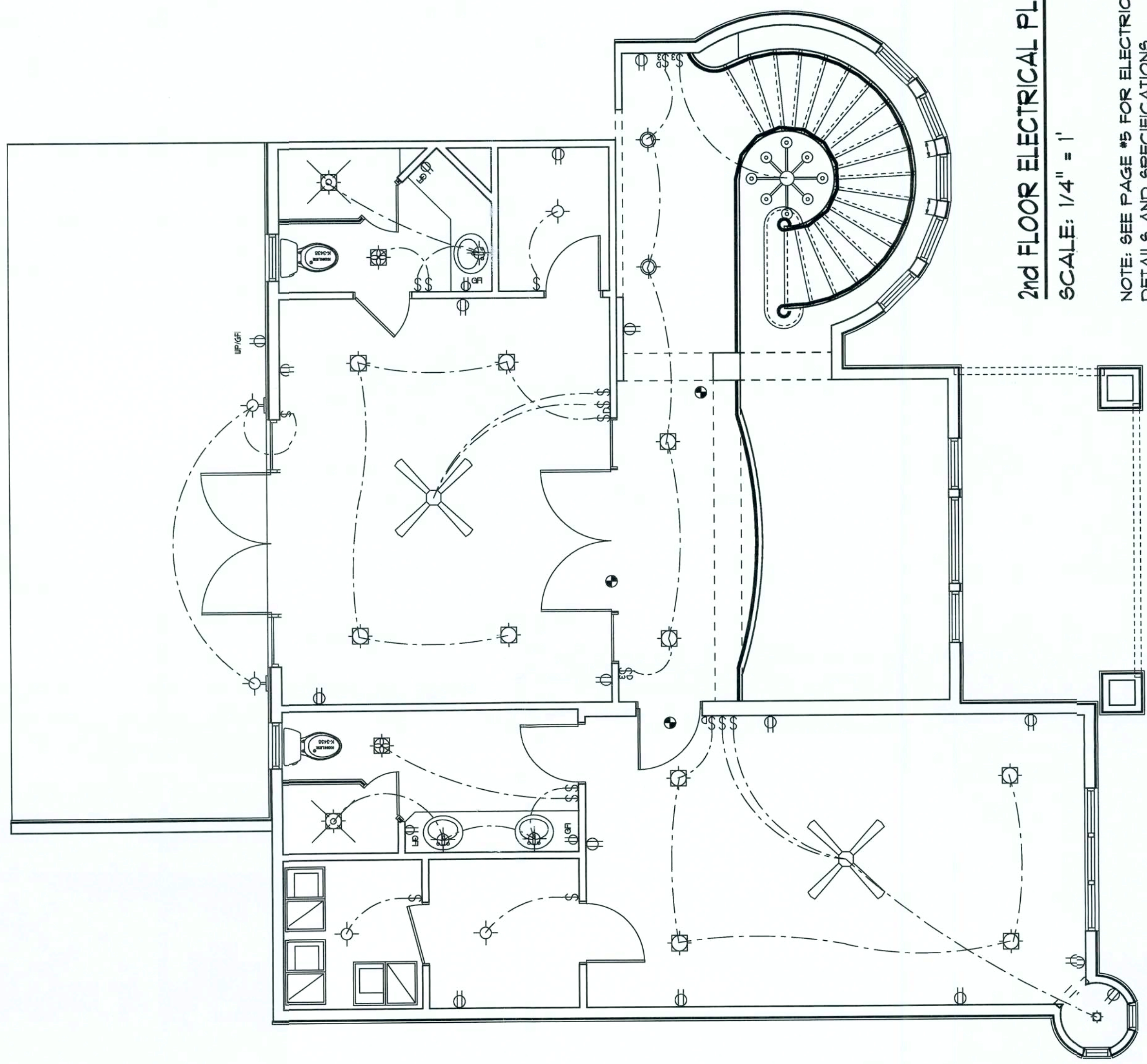
SHEET NUMBER  
3 of 5

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.



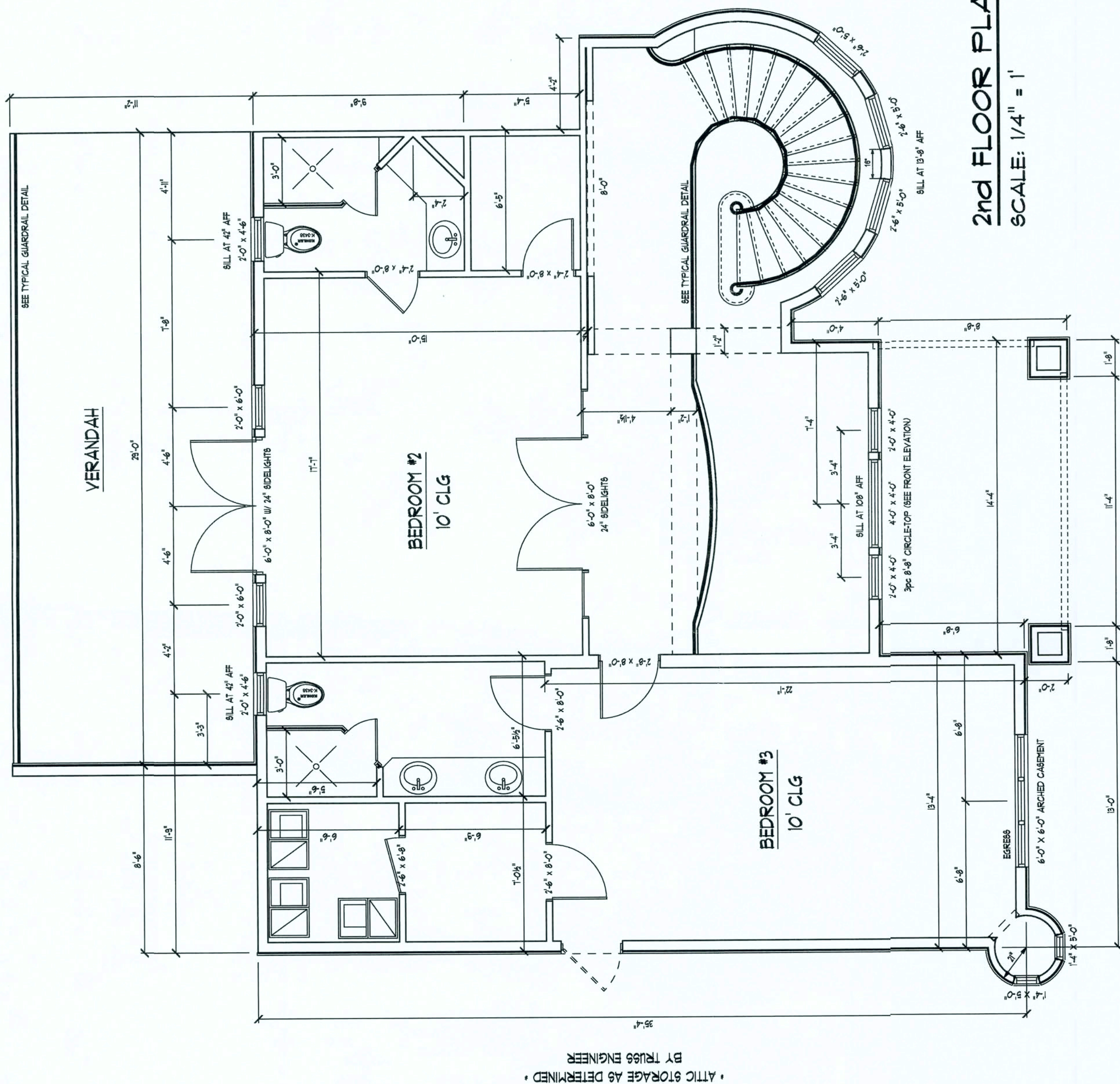
**FLOOR PLAN**  
SCALE: 1/4" = 1'



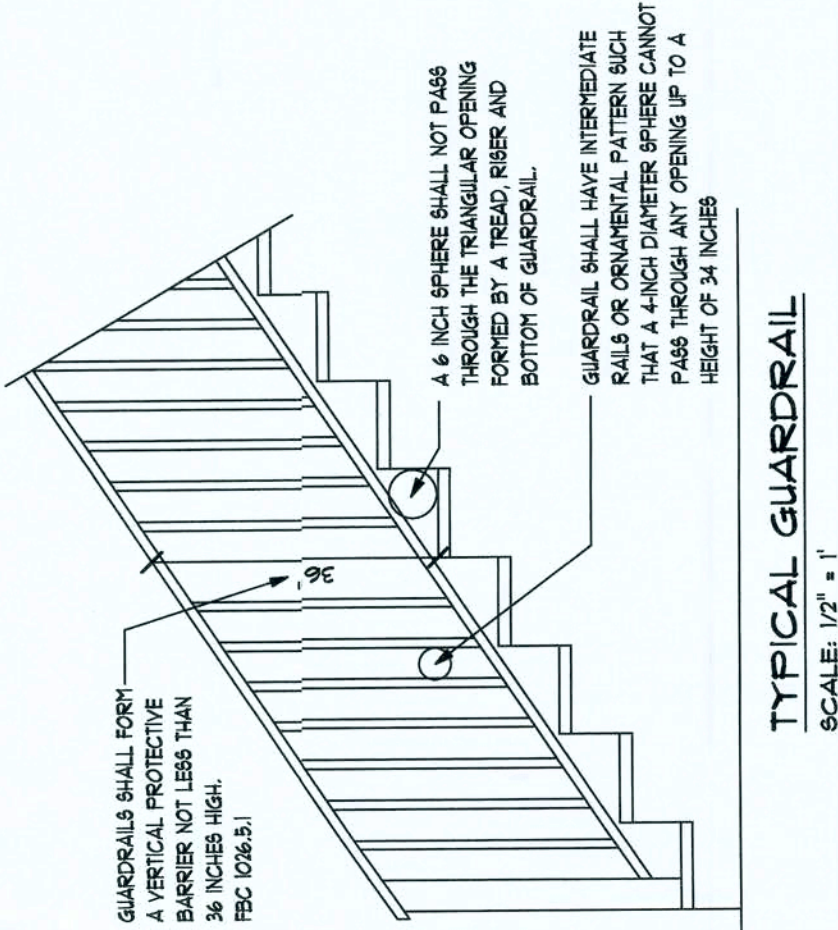


2nd FLOOR ELECTRICAL PLAN  
SCALE: 1/4" = 1'

NOTE: SEE PAGE #5 FOR ELECTRICAL  
DETAILS AND SPECIFICATIONS



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



TYPICAL GUARDRAIL  
SCALE: 1/2" = 1'



June 28, 2007

**D.D.S.**  
Studios

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P.A.

ENGINEERED BY:

CUSTOM HOME DESIGNED FOR:

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DESIGNED FOR:

*Daniel Shaeen*  
**Daniel Shaeen**

ELECTRICAL PLAN

SITE PLAN

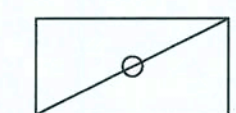
SHEET NUMBER

5 of 5

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

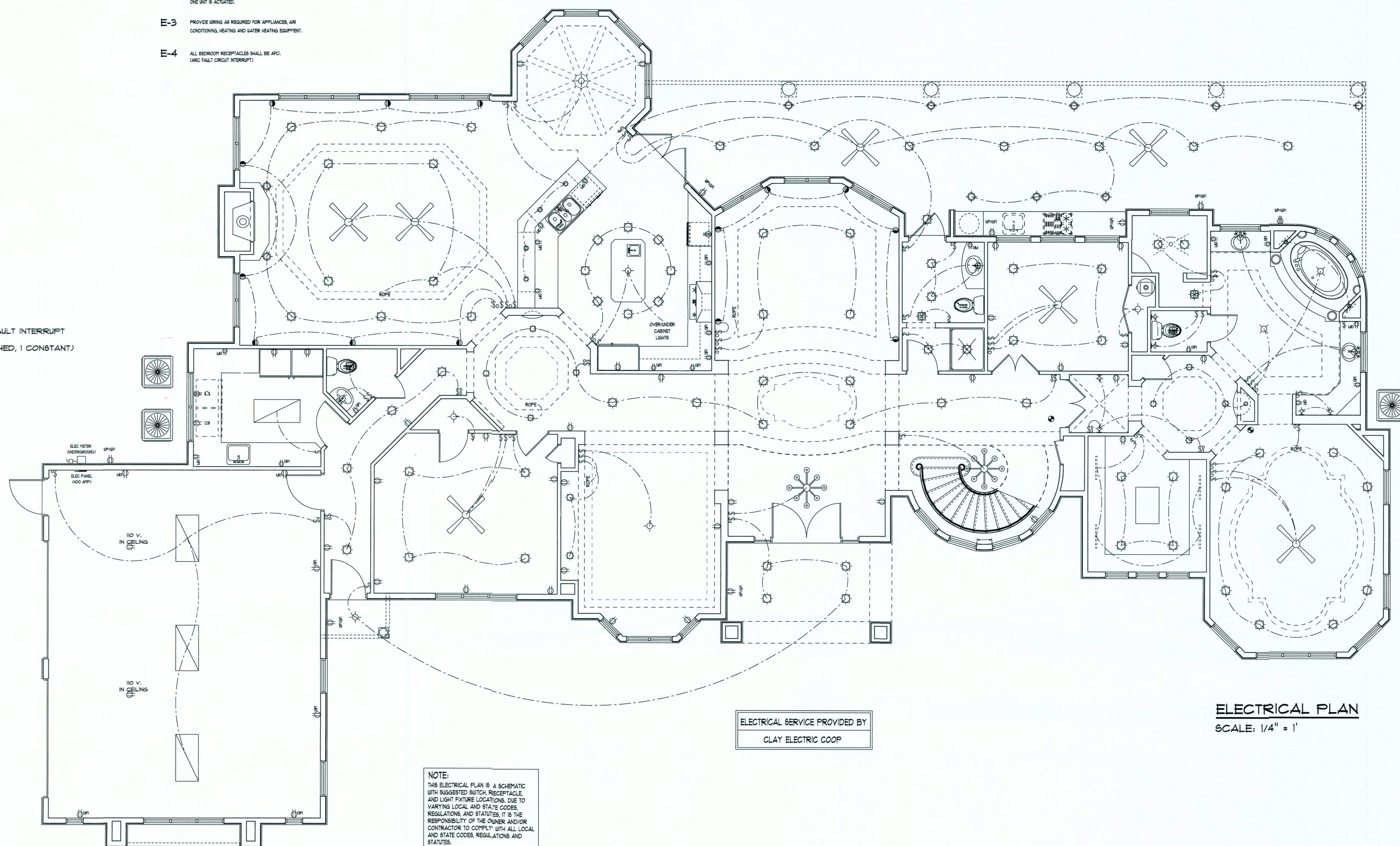
Contractor shall verify all dimensions prior to commencing construction.

## ELECTRICAL LEGEND

-  2'x4' 4-LAMP FLUORESCENT LIGHT WITH STD. BALLAST
-  EXHAUST FAN
-  INCANDESCENT LIGHT FIXTURE
-  EXHAUST FAN/LIGHT COMBO
-  CAN LIGHT
-  EYEBALL CAN LIGHT
-  WALL SCONCE
-  DOUBLE SPOTLIGHT
-  TELEPHONE OUTLET
-  TELEVISION OUTLET
-  LOW WATTAGE LIGHTING
-  SMOKE DETECTOR
-  SWITCH
-  3-WAY SWITCH
-  DIMMER SWITCH
-  RECEPTACLE
-  RECEPTACLE W/ GROUND FAULT INTERRUPT
-  SPLIT RECEPTACLE (1 SWITCHED, 1 CONSTANT)
-  220 VOLT RECEPTACLE

## 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).



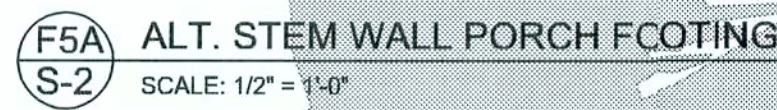
ELECTRICAL SERVICE PROVIDED BY  
CLAY ELECTRIC COOP

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.









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

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

F1  
S-2

STEM WALL FOOTING

SCALE: 1/2" = 1'-0"

**F3** INTERIOR BEARING STEP FOOTING  
**S-2** 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 Duowall ladder reinforcement at 16"OC 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.

| STEM WALL<br>HEIGHT<br>(FEET) | UNBALANCE<br>BACKFILL<br>HEIGHT | VERTICAL REINFORCEMENT<br>FOR 8" CMU STEM WALL<br>(INCHES O.C.) |    |    | VERTICAL REINFORCEMENT<br>FOR 12" CMU STEM WALL<br>(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 |

NDLOAD ENGINEER: Mark Disosway,  
No.53915, POB 868, Lake City, FL  
358, 386-754-5419

**MEASUREMENTS:**  
 ted dimensions supercede scaled  
 dimensions. Refer all questions to  
 Mark Disosway, P.E. for resolution.  
 not proceed without clarification.

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**CERTIFICATION:** I hereby certify that I have examined this plan, and that the applicable provisions 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.

ARK DISOSWAY  
P.E. 53915

1

12.10.19

7560

SEAL

### aac Construction

Jeremy & Susie Cady  
Residence

ADDRESS:  
a County, Florida

Mark Disosway P.E.  
P.O. Box 868  
Lake City, Florida 32056  
Phone: (386) 754 - 5419  
Fax: (386) 360 - 4831

NTED DATE:  
26, 2007

|                       |             |
|-----------------------|-------------|
| AWN BY:<br>n Beamisey | CHECKED BY: |
|-----------------------|-------------|

|              |  |
|--------------|--|
| ALS DATE:    |  |
| May 26, 2007 |  |

JOB NUMBER:  
705032

|            |
|------------|
| ING NUMBER |
|------------|

## S-2



# REVISIONS

SOFTPLAN  
STRUCTURAL DESIGN SOFTWARE

NOTE:  
IF TRUSS TO WALL STRAPS ARE NAILED  
TO THE HEADER THE SP4@ 48" O.C.  
ARE NOT REQUIRED

FOR LESS THAN 1500 lb UPLIFT USE  
2 X 2 X 1/8" WASHER  
FOR LESS THAN 3750 lb UPLIFT USE  
3 X 3 X 1/8" WASHER

NAIL SHEATHING TO HEADER AND TOP  
PLATE WITH 8d AT 3" O.C. FOR UPLIFT

(7) 131 x 3 1/4" GUN NAILS  
TOE NAILED THRU HEADER  
INTO KING STUD

SPH4 @ 48" O.C. (U.N.O.)

(7) 131 x 3 1/4" GUN NAILS  
TOE NAILED THRU HEADER  
INTO KING STUD

1/2" HEX NUT w/ 2 X 2 X 1/8"  
WASHER (TYP.)

CRIPPLES IF REQUIRED

(5) 131 x 3 1/4" GUN NAILS  
TOE NAILED THRU SILL  
INTO JACK STUD U.N.O.

NOTE:  
TYPICAL STRAPPING (U.N.O.)  
(SEE STRUCTURAL PLAN)

1/2" HEX NUT w/ 2 X 2 X 1/8"  
WASHER (TYP.)

INSTALL COUPLERS  
WHERE REQUIRED (TYP.)

CRIPPLES IF REQUIRED

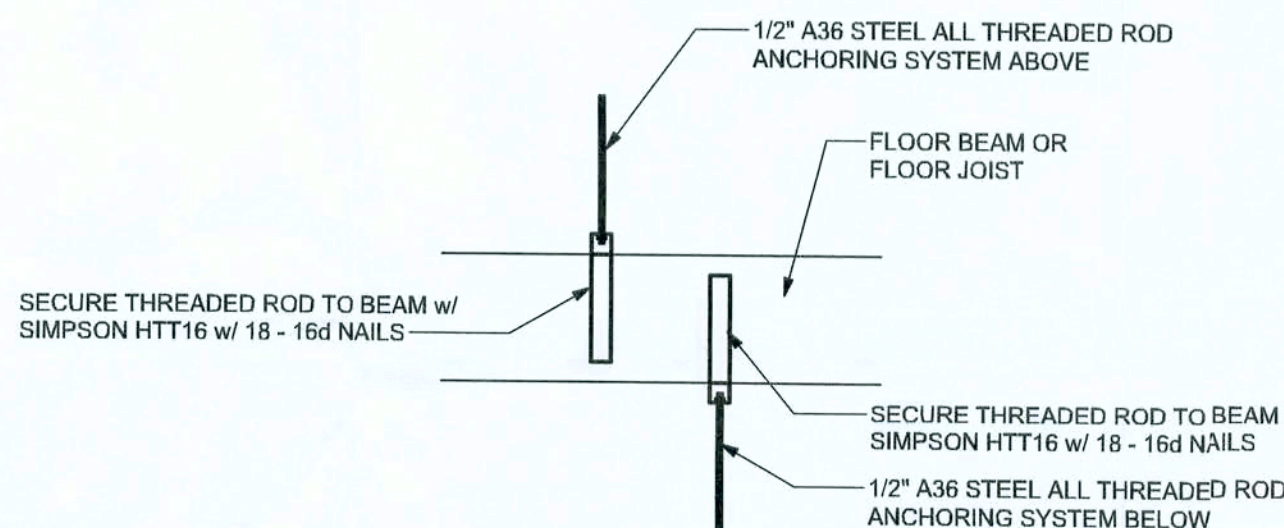
(5) 131 x 3 1/4" GUN NAILS  
TOE NAILED THRU SILL  
INTO JACK STUD U.N.O.

NOTE:  
TYPICAL STRAPPING (U.N.O.)  
(SEE STRUCTURAL PLAN)

(1) 2X6 SPF #2 SILL UP TO 7'-6" U.N.O.  
(2) 2X4 SPF #2 SILL UP TO 7'-6" U.N.O.  
(1) 2X4 SPF #2 SILL UP TO 5'-1" U.N.O.  
(FOR: 120 MPH, 10'-0" WALL HEIGHT U.N.O.)

## TYPICAL 2 STORY HEADER STRAPING DETAIL

SCALE: 1/2" = 1'-0"



## OPTIONAL THREADED ROD TO FLOOR BEAM OR FLOOR JOIST

SCALE: 1/2" = 1'-0"



WINDLOAD ENGINEER: Mark Disosway,  
P.E. No. 53915, PCB 868, Lake City, FL  
33055, 386-754-5419

DIMENSIONS:  
Stated dimensions supersede scaled  
dimensions. Refer all questions to  
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permission and consent of Mark Disosway.

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. 53915

Isaac Construction  
Jeremy & Susie Cady  
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Isaac Construction

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Phone: (386) 754 - 5419  
Fax: (386) 269 - 4871

PRINTED DATE:  
July 26, 2007

DRAWN BY:  
Evan Seamsby

CHECKED BY:

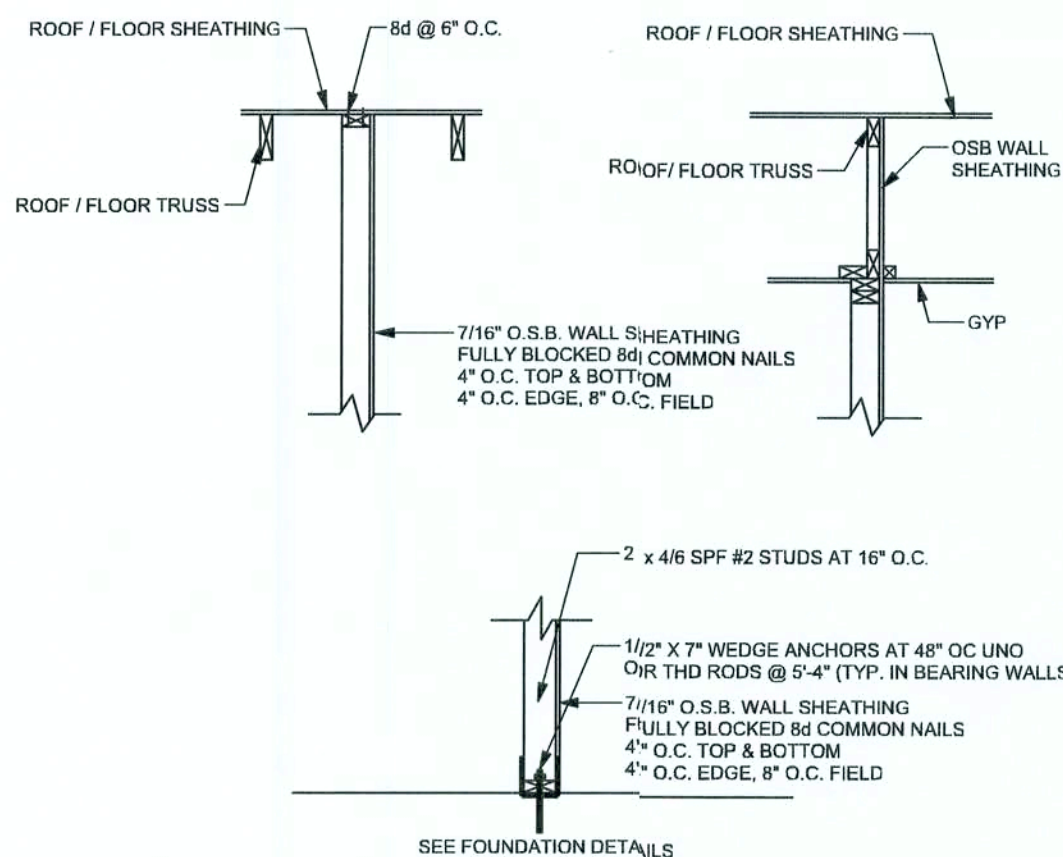
FINALS DATE:  
July 26, 2007

JOB NUMBER:  
705032

DRAWING NUMBER

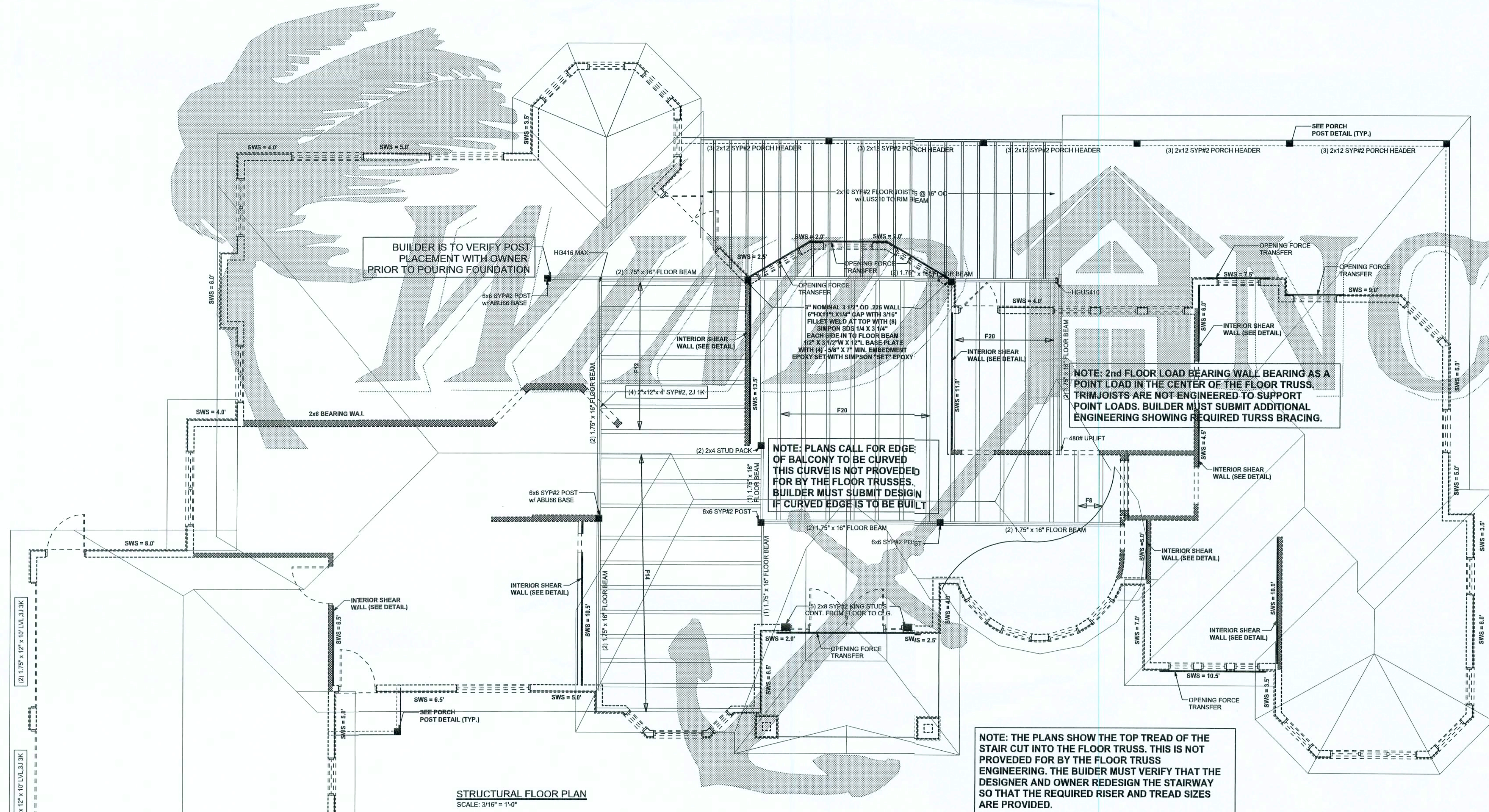
S-3

OF 4 SHEETS



## INTERIOR SHEAR WALL DETAIL

SCALE: 1/2" = 1'-0"



## STRUCTURAL FLOOR PLAN

SCALE: 3/16" = 1'-0"

## STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 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 BCS1.03. BCS1.01, BCS1.02 & BCS1.03; BCS1.01, BCS1.02 & BCS1.03 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

## WALL LEGEND

|            |                                                              |
|------------|--------------------------------------------------------------|
| SWS = 0.0' | 1ST FLOOR EXTERIOR WALL                                      |
| SWS = 0.0' | 2ND FLOOR EXTERIOR                                           |
| 1BW        | 1ST FLOOR INTERIOR BEARING WALLS<br>SEE DETAILS ON SHEET S-1 |
| 2BW        | 2ND FLOOR INTERIOR BEARING WALLS<br>SEE DETAILS ON SHEET S-1 |

## THREADED ROD LEGEND

- INDICATES LOCATION OF 1ST FLOOR 1/2" A307 ALL THREADED ROD
- INDICATES LOCATION OF 2ND FLOOR 1/2" A307 ALL THREADED ROD

## 1ST FLOOR TOTAL ACTUAL SHEAR WALL

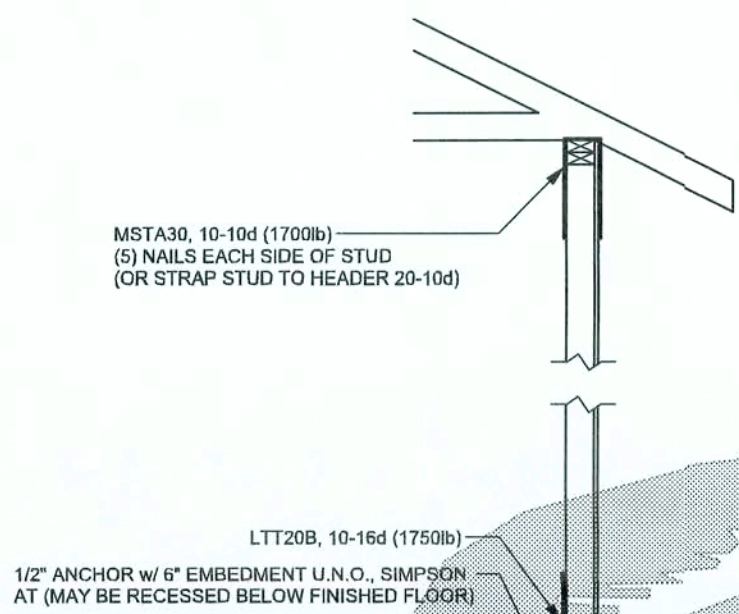
|                                          |              |
|------------------------------------------|--------------|
| SWS = 0.0' INDICATES SHEAR WALL SEGMENTS |              |
| TRANSVERSE                               | LONGITUDINAL |
| ACTUAL 7875 LB                           | 52805 LB     |
| REQUIRED 71808 LB                        | 37124 LB     |

## HEADER LEGEND

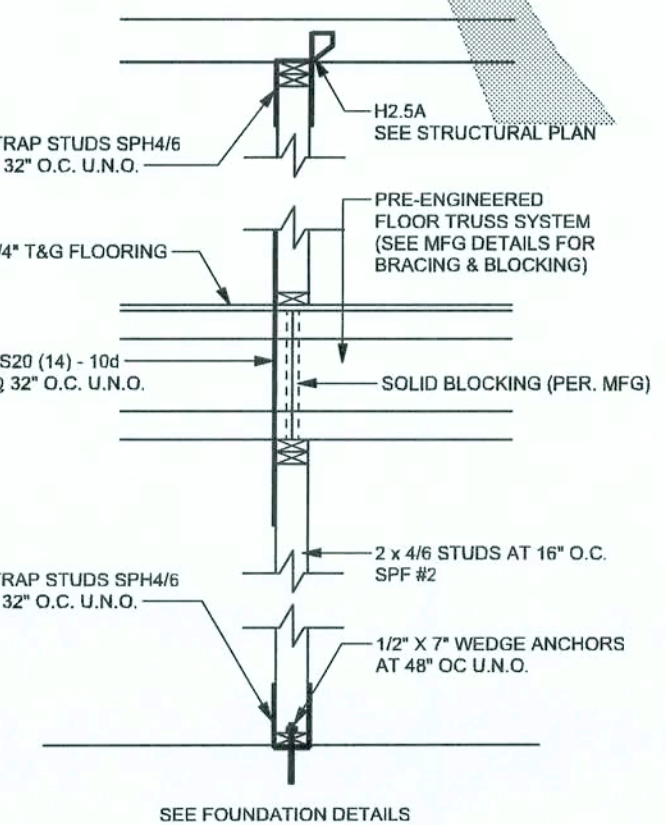
- (2) 2X12X7.1/4" K - HEADER/BEAM CALL-OUT (U.N.O.)
- NUMBER OF KING STUDS (FULL LENGTH)
- NUMBER OF JACK STUDS (UNDER HEADER)
- SPAN OF HEADER
- SIZE OF HEADER MATERIAL
- NUMBER OF PILES IN HEADER

CONNECTIONS, WALL & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER, ANDERSON TRUSS, JOB # 7-1408

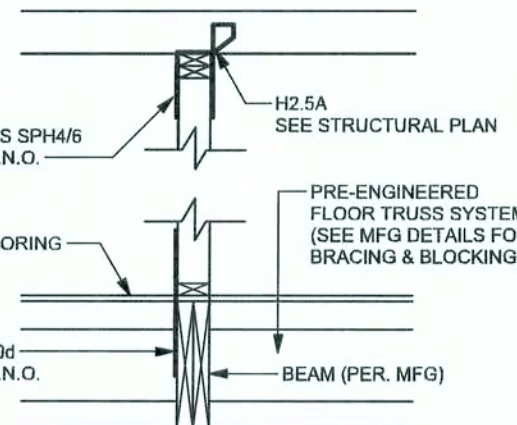




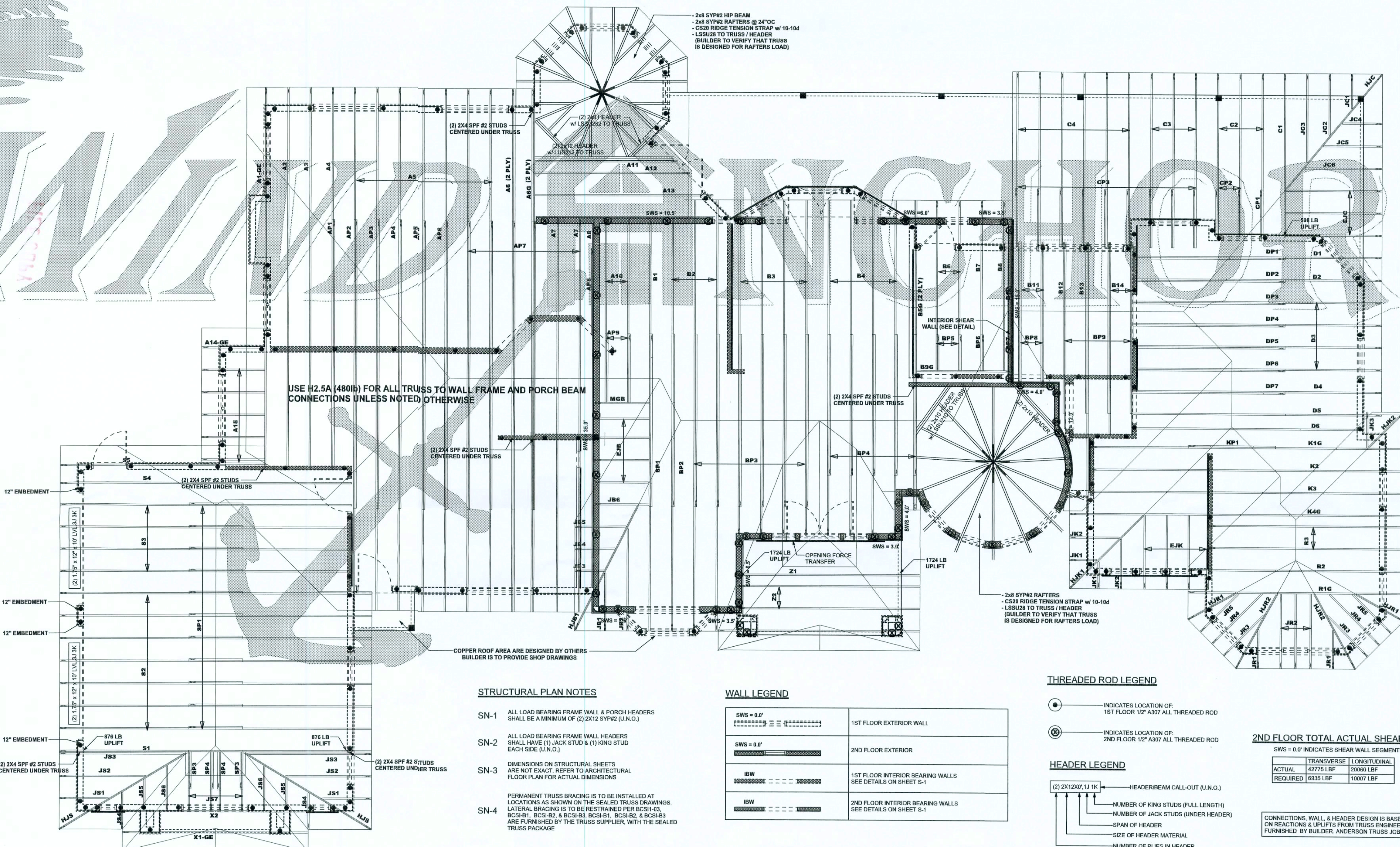
**ALTERNATE WALL TIE CONNECTION WHERE  
THREADED ROD CANNOT BE PLACED IN WALL**  
SCALE: 1/2" = 1'-0"



**(ALT.) 2 STORY INTERIOR BEARING WALL**  
SCALE: 1/2" = 1'-0"



**(ALT.) INTERIOR BEARING WALL TO BEAM**  
SCALE: 1/2" = 1'-0"



**STRUCTURAL ROOF PLAN**  
SCALE: 3/16" = 1'-0"

**STRUCTURAL PLAN NOTES**

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 SYRPE (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 BC201-03, BC201-04, BC201-05 & BC201-06. BC201-07, BC201-08, BC201-09, BC201-10, BC201-11, BC201-12, BC201-13, BC201-14, BC201-15, BC201-16, BC201-17, BC201-18, BC201-19, BC201-20, BC201-21, BC201-22, BC201-23, BC201-24, BC201-25, BC201-26, BC201-27, BC201-28, BC201-29, BC201-30, BC201-31, BC201-32, BC201-33, BC201-34, BC201-35, BC201-36, BC201-37, BC201-38, BC201-39, BC201-40, BC201-41, BC201-42, BC201-43, BC201-44, BC201-45, BC201-46, BC201-47, BC201-48, BC201-49, BC201-50, BC201-51, BC201-52, BC201-53, BC201-54, BC201-55, BC201-56, BC201-57, BC201-58, BC201-59, BC201-60, BC201-61, BC201-62, BC201-63, BC201-64, BC201-65, BC201-66, BC201-67, BC201-68, BC201-69, BC201-70, BC201-71, BC201-72, BC201-73, BC201-74, BC201-75, BC201-76, BC201-77, BC201-78, BC201-79, BC201-80, BC201-81, BC201-82, BC201-83, BC201-84, BC201-85, BC201-86, BC201-87, BC201-88, BC201-89, BC201-90, BC201-91, BC201-92, BC201-93, BC201-94, BC201-95, BC201-96, BC201-97, BC201-98, BC201-99, BC201-100

**WALL LEGEND**

|            |                                                              |
|------------|--------------------------------------------------------------|
| SWS = 0.0" | 1ST FLOOR EXTERIOR WALL                                      |
| SWS = 0.0" | 2ND FLOOR EXTERIOR                                           |
| 1BW        | 1ST FLOOR INTERIOR BEARING WALLS<br>SEE DETAILS ON SHEET S-1 |
| 1BW        | 2ND FLOOR INTERIOR BEARING WALLS<br>SEE DETAILS ON SHEET S-1 |

**THREADED ROD LEGEND**

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

**HEADER LEGEND**

- (2) 2X12X7.1 1K
- NUMBER OF KING STUDS (FULL LENGTH)  
NUMBER OF JACK STUDS (UNDER HEADER)  
SPAN OF HEADER  
SIZE OF HEADER MATERIAL  
NUMBER OF PLIES IN HEADER

**2ND FLOOR TOTAL ACTUAL SHEAR WALL**

SWS = 0.0' INDICATES SHEAR WALL SEGMENT

|          |            |              |
|----------|------------|--------------|
|          | TRANSVERSE | LONGITUDINAL |
| ACTUAL   | 42775 LBF  | 20060 LBF    |
| REQUIRED | 6935 LBF   | 10007 LBF    |

CONNECTIONS, WALL & HEADER DESIGN IS BASED ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. ANDERSON TRUSS JOB # 7-140B

WINDLOAD ENGINEER: Mark Disoway,  
P.E. No. 53915, FOS 885, Lake City, FL  
32056, 386-754-5419

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

MARK DISOWAY  
P.E. 53915  
*Mark Disoway*  
28/06/07  
SEAL

Isaac Construction

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PRINTED DATE:  
July 26, 2007

DRAWN BY:  
Evan Beasley

CHECKED BY:

FINALS DATE:  
July 26, 2007

JOB NUMBER:  
705032

DRAWING NUMBER  
**S-4**  
OF 4 SHEETS