

TREE SYMBOL W/ 1/2 C.R.Z. &  
C.R.Z.(CRITICAL ROOT ZONE)

AVERAGE ADJACENT GRADE CALCULATION:  
 LOW POINT ADJACENT GRADE = 607.5  
 HIGH POINT ADJACENT GRADE = 610.0  
 $607.5 + 610.0 = 1217.5$   
 $1217.5 / 2 = 608.75$   
 AVERAGE ADJACENT GRADE = 608.8



FRONT





SIDE 1





SIDE 2





SIDE 3





2<sup>ND</sup> FLOOR WINDOW/WALL DEMO FOR BRIDGE



BUILDING COVERAGE

| LOT SIZE: 12,710 S.F.                              | EXISTING   | NEW / ADDITION |
|--|------------|----------------|
| a. 1st Floor Conditioned Area                      | 1829 S.F.  | 616 S.F.       |
| b. 2nd Floor Conditioned Area                      | 975 S.F.   | 667 S.F.       |
| c. 3rd Floor Conditioned Area                      | N/A        | N/A            |
| d. Basement  | N/A        | N/A            |
| e. Garage / Carport                                | N/A        | N/A            |
| f. Attached Garage (Unit B)                        | N/A        | N/A            |
| g. Attached Carport (Unit A)                       | N/A        | N/A            |
| h. Wood Decks (must be counted at 100%)            | N/A        | N/A            |
| i. Stairs  | N/A        | N/A            |
| j. Covered Patios                                  | N/A        | N/A            |
| k. Covered Porches                                 | 310        | N/A            |
| l. Balconies                                       | N/A        | 58+57=115      |
| m. Swimming Pool (surface area)                    | N/A        | N/A            |
| n. Other Building or Covered Areas (if applicable) | N/A        | N/A            |
| Specify:   |            |                |
| TOTAL BUILDING AREA (add a through l)              | 3,114 S.F. | 1,396 S.F.     |
| TOTAL BUILDING COVERAGE ON LOT                     | 2,755 S.F. | 21.7% OF LOT   |

IMPERVIOUS COVERAGE

|   |              |
|---|--------------|
| a. Total Building Coverage on Lot (see above)   | 2,755 S.F.   |
| b. Driveway Area on Private Property            | 1,225 S.F.   |
| c. Sidewalk / Walkways on Private Property      | 302 S.F.     |
| d. Uncovered Patios                             | 19 S.F.      |
| e. Uncovered Wood Decks (may be counted at 50%) | N/A          |
| f. Air Conditioner Pad(s)                       | 18 S.F.      |
| g. Concrete Decks                               | N/A          |
| h. Other: Concrete Steps                        | N/A          |
| TOTAL IMPERVIOUS COVERAGE (add a through h)     | 4,319 S.F.   |
|   | 33.9% of lot |

GROSS FLOOR AREA AND FLOOR AREA RATIO

|  | EXISTING  | NEW / ADDITION        |
|--|-----------|-----------------------|
| I. 1st Floor Gross Area  |           |                       |
| a. 1st Floor Area (excluding covered or uncovered finished ground-floor porches)     | 1829 S.F. | 616 S.F.              |
| b. 1st Floor Area with Ceiling Height Over 15 Feet                                   | N/A       | N/A                   |
| c. TOTAL (add a and b above)   | 1829 S.F. | 616 S.F.              |
| II. 2nd Floor Gross Area   |           |                       |
| d. 2nd Floor Area (including all areas covered by a roof)                            | 975 S.F.  | 667 S.F.              |
| e. 2nd Floor Area with Ceiling Height Over 15 Feet                                   | N/A       | N/A                   |
| f. TOTAL (add d and e above)   | 975 S.F.  | 667 S.F.              |
| III. 3rd Floor Gross Area  |           |                       |
| g. 3rd Floor Area (including all areas covered by a roof)                            | N/A       | N/A                   |
| h. 3rd Floor Area with Ceiling Height Over 15 Feet                                   | N/A       | N/A                   |
| i. TOTAL (add g and h above)   | N/A       | N/A                   |
| IV. Basement Gross Area  |           |                       |
| j. Floor area outside footprint of first floor                                       | N/A       | N/A                   |
| V. Garage  |           |                       |
| k. Attached (subtract 200 sq. ft. if used to meet the minimum parking requirement)   | N/A       | N/A                   |
| l. Detached (subtract 450 square feet if more than 10 feet from principle structure) | N/A       | N/A                   |
| VI. Carport  |           |                       |
| (Open on two or more sides without habitable space above it subtract 450 sq. ft.)    | N/A       | N/A                   |
| VII. TOTAL   | 2804 S.F. | 1,283 S.F.            |
| TOTAL GROSS FLOOR AREA   |           | 4,087 S.F.            |
| GROSS AREA OF LOT  |           | 12,710 S.F.           |
| FLOOR AREA RATIO (gross floor area / gross area of lot)                              |           | 32.16% or 0.32 to 1.0 |

All structures etc. must maintain 7'5" clearance from AE energized power lines. Enforced by AE & NESC codes.

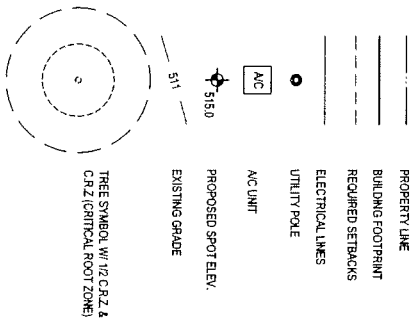
AE APPROVED

JUL 08 2015  
RLS 1481-5

TREE LIST

- A 14" PECAN  
B 15" PECAN  
C 14" PECAN  
D 18" PECAN  
E 15" PECAN  
F 17" PECAN  
G 17" PECAN  
H 14" PECAN  
I 53" OAK  
J 34" OAK  
K 40" OAK

LEGEND



ZONING:

FRONT YARD SETBACK:  
SIDE YARD SETBACK:  
REAR YARD SETBACK  
MAXIMUM BUILDING COVERAGE  
MAXIMUM IMPERVIOUS COVERAGE

SF-3-NP  
25 FEET  
5 FEET  
10 FEET  
40%  
45%

DRAWING INDEX

- A1.0 Architectural Site Plan & Project Information  
A2.1 1st Floor Plans  
A2.2 2nd Floor Plans  
A2.3 RCP & Power Plan - Addition  
A2.4 Roof Plans  
A3.1 Exterior Elevations - Addition  
A3.2 Exterior Elevations - Existing  
A3.3 Exterior Elevations - Existing  
A3.4 Exterior Elevations - Existing

EXISTING HOUSE  
First Floor Conditioned Area: 1829 S.F.  
Second Floor Conditioned Area: 975 S.F.  
Total Conditioned Area: 2804 S.F.

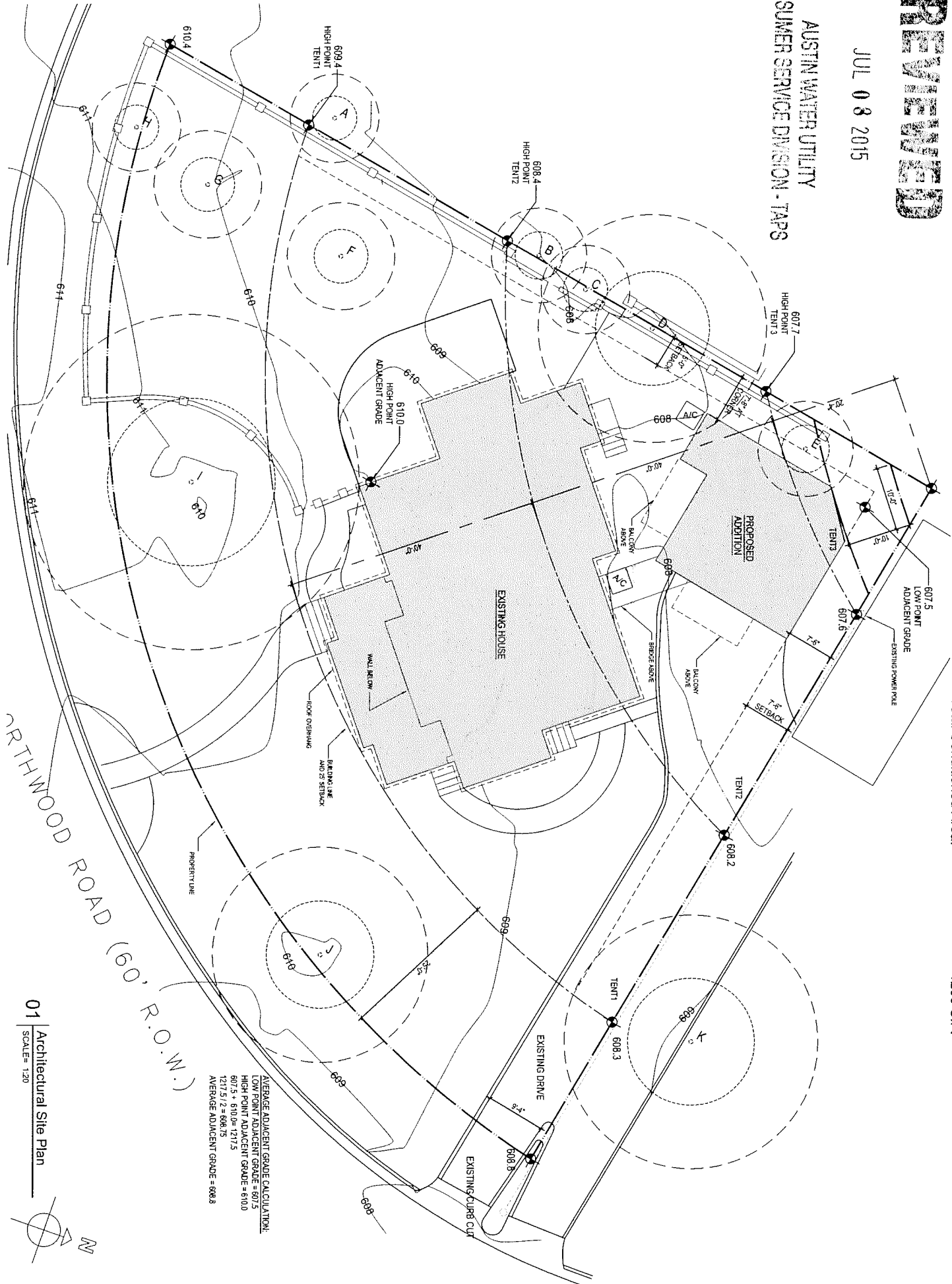
ADDITION

First Floor Conditioned Area: 616 S.F.  
Second Floor Conditioned Area: 667 S.F.  
Total Conditioned Area: 1283 S.F.

AUSTIN WATER UTILITY  
CONSUMER SERVICE DIVISION - TAPS

JUL 08 2015

REVIEWED



AVERAGE ADJACENT GRADE CALCULATION:  
LOW POINT ADJACENT GRADE = 607.5  
HIGH POINT ADJACENT GRADE = 610.0  
607.5 + 610.0 = 1217.5  
1217.5 / 2 = 608.75  
AVERAGE ADJACENT GRADE = 608.8

01 Architectural Site Plan

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

HURD RESIDENCE  
ADDITION

1300 NORTHWOOD RD.  
AUSTIN, TEXAS 78703

PRELIMINARY  
DRAWINGS. NOT FOR  
BIDDING, PERMITTING  
OR CONSTRUCTION  
PURPOSES.  
TOM HATCH, FAIA  
REGISTRATION #5485

hatch + ulland o'wen  
architects  
1010 East 11th Street  
Austin, Texas 78702  
P: 512.474.8548  
F: 512.474.8643  
www.hatchulland.com

Architectural Site Plan &  
Project Information

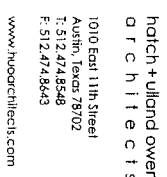
A1.0

# HURD RESIDENCE ADDITION

1300 NORTHWOOD RD.  
AUSTIN, TEXAS 78703

[illegible]





**HURD RESIDENCE  
ADDITION**

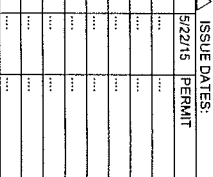
1300 NORTHWOOD RD.  
AUSTIN TEXAS 78703

[illegible]

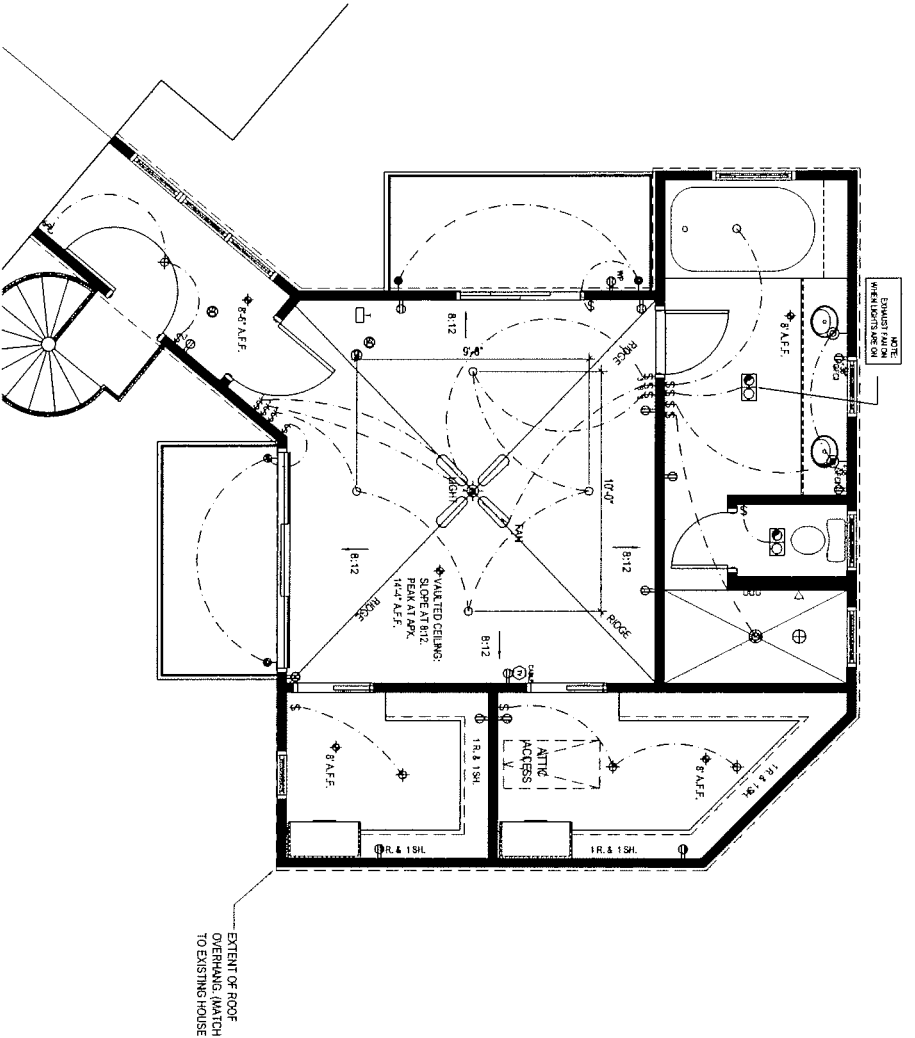


**HURD RESIDENCE  
ADDITION**

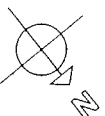
1300 NORTHWOOD RD.  
AUSTIN, TEXAS 78703



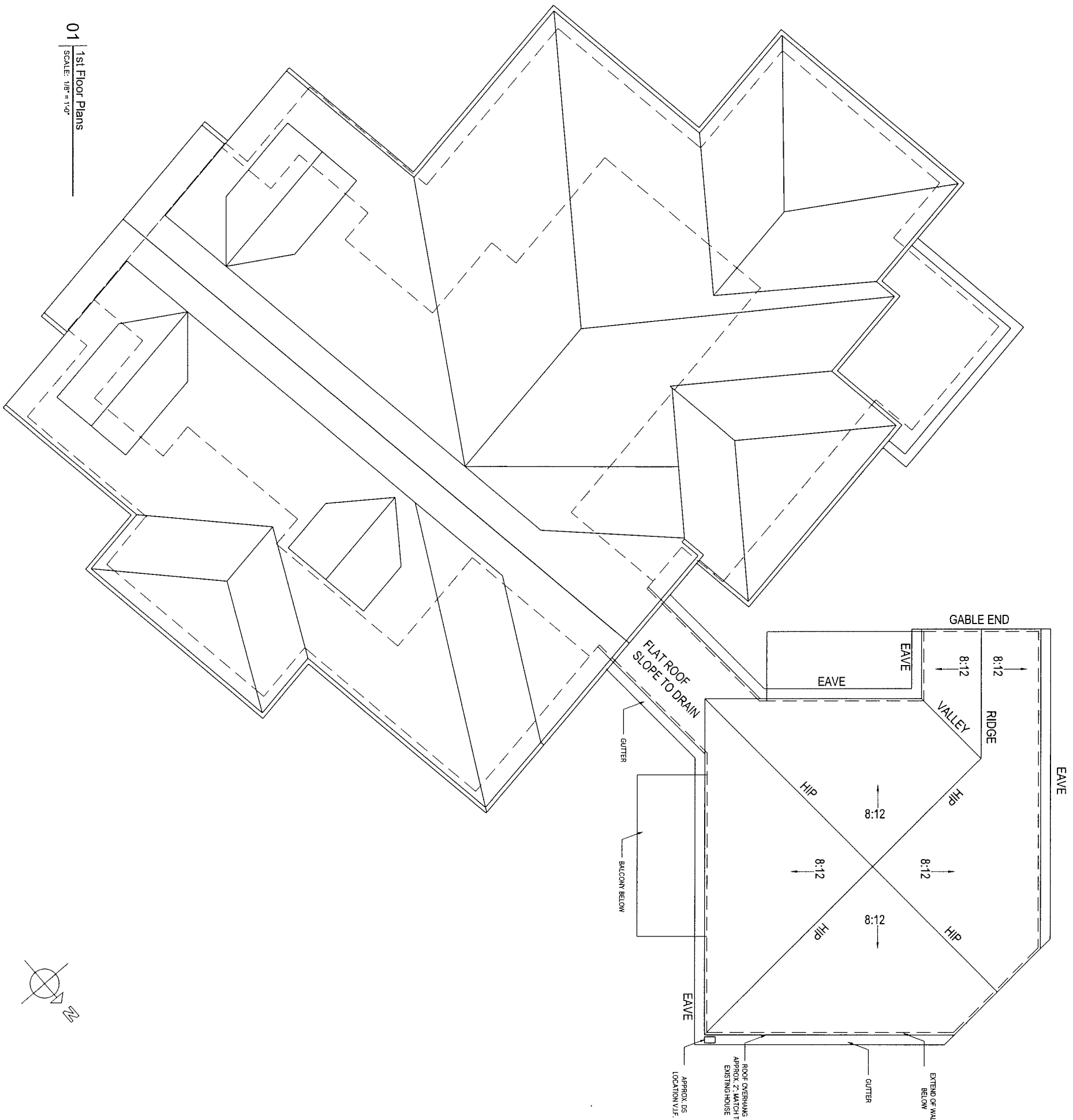
A2.3



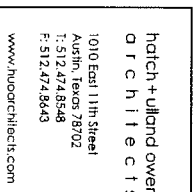
2nd Floor RCP & Power Plan  
SCALE: 1/8" = 1'-0"

[illegible]



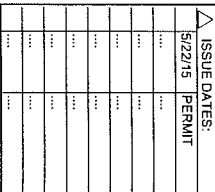


01 | 1st Floor Plans  
SCALE: 1/8" = 1'-0"

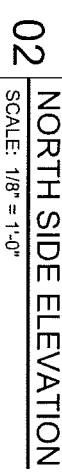


## HURD RESIDENCE ADDITION

1300 NORTHWOOD RD.  
AUSTIN, TEXAS 78703



# A3.1







PRELIMINARY  
DRAWINGS. NOT FOR  
BIDDING, PERMITTING  
OR CONSTRUCTION  
PURPOSES.

TOM HATCH, FAIA  
REGISTRATION #5485

## HURD RESIDENCE ADDITION

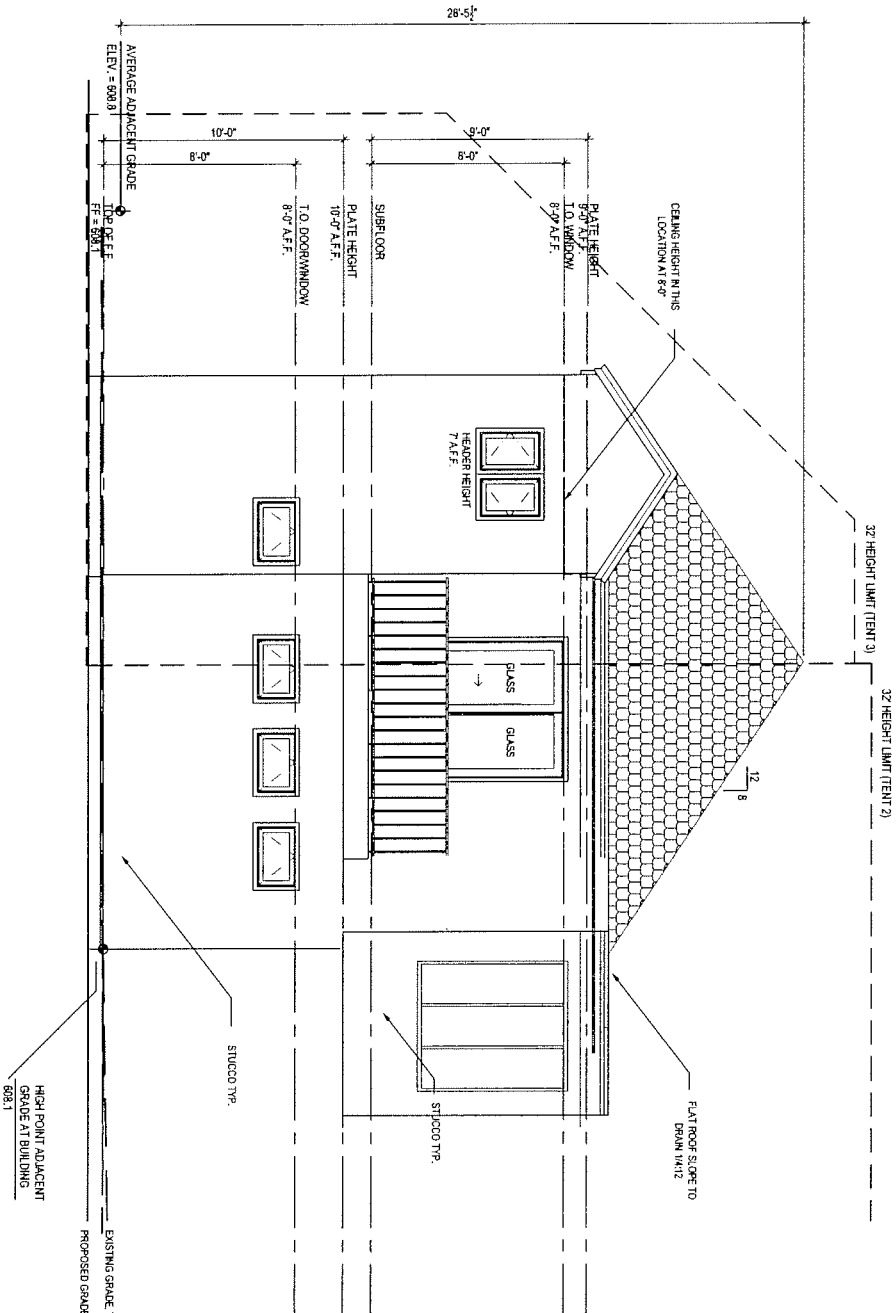
1300 NORTHWOOD RD.  
AUSTIN, TEXAS 78703

NOTE: This document, the issues and findings incorporated herein are and shall remain the property of the user architect. These documents are not to be used or altered. In order to be used for other than the original intended use, the user is to be assigned to any third party without their permission from the user architect.

[illegible]

### Exterior Elevations-Addition

### A3.2

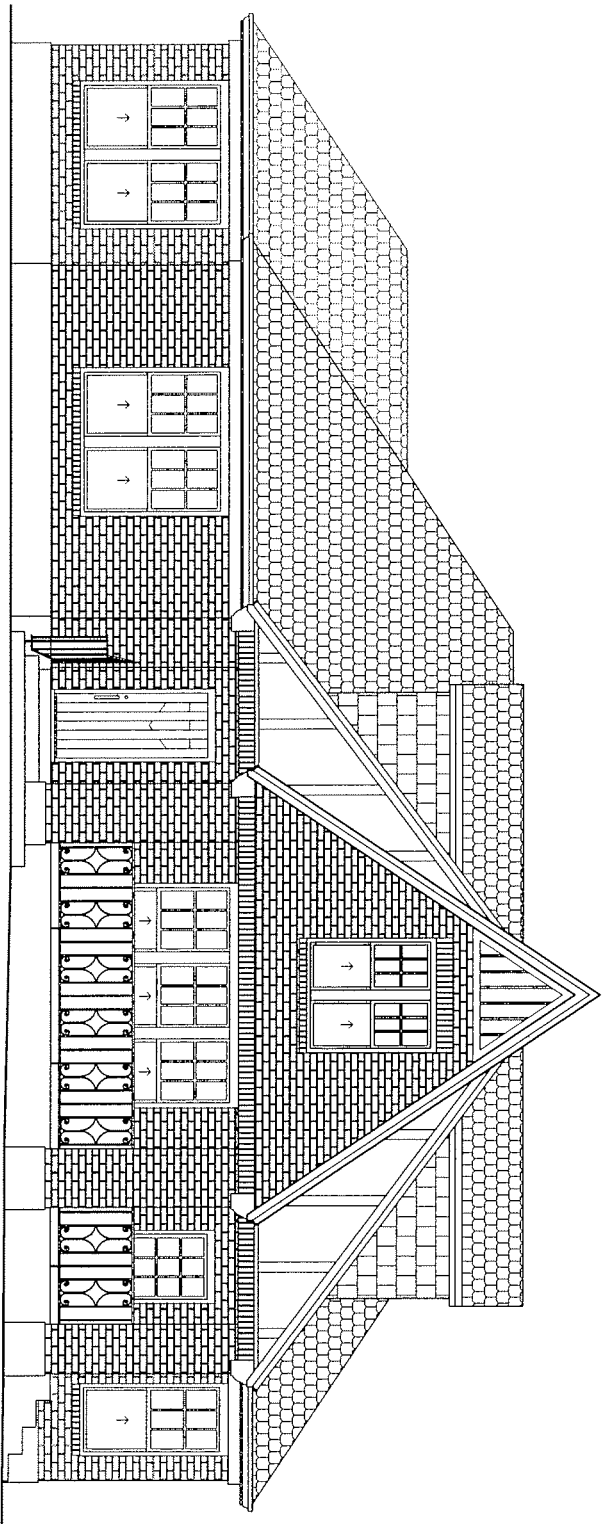


03 | WEST REAR ELEVATION

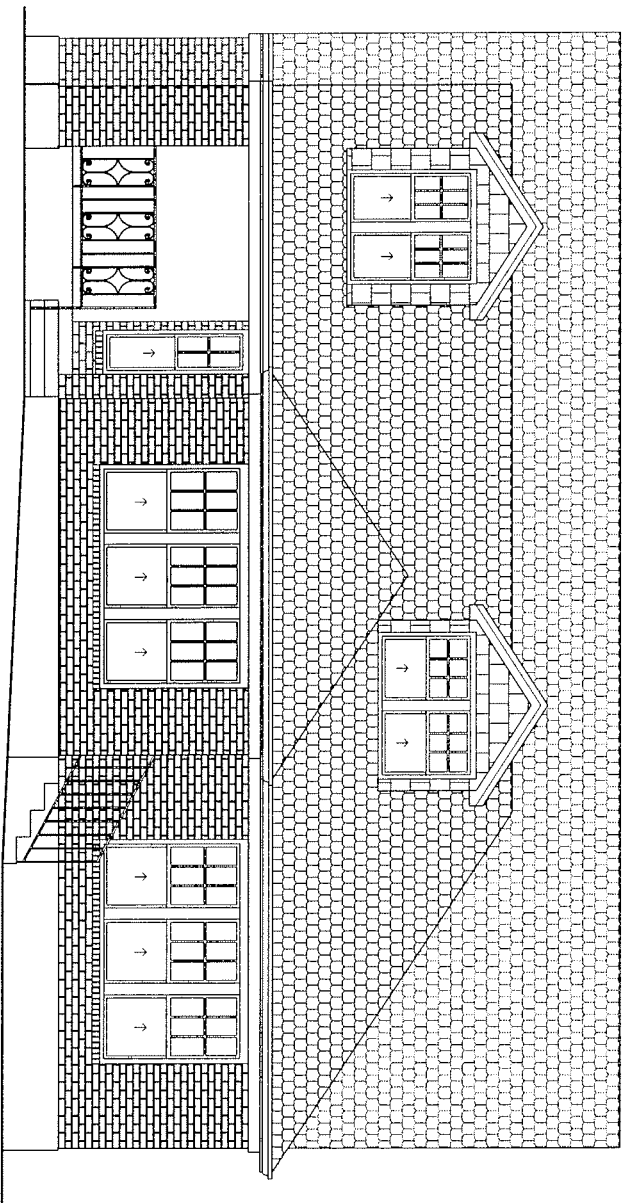
SCALE: 1/4" = 1'-0"

04 SOUTH SIDE ELEVATION  
SCALE: 1/4" = 1'-0"

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

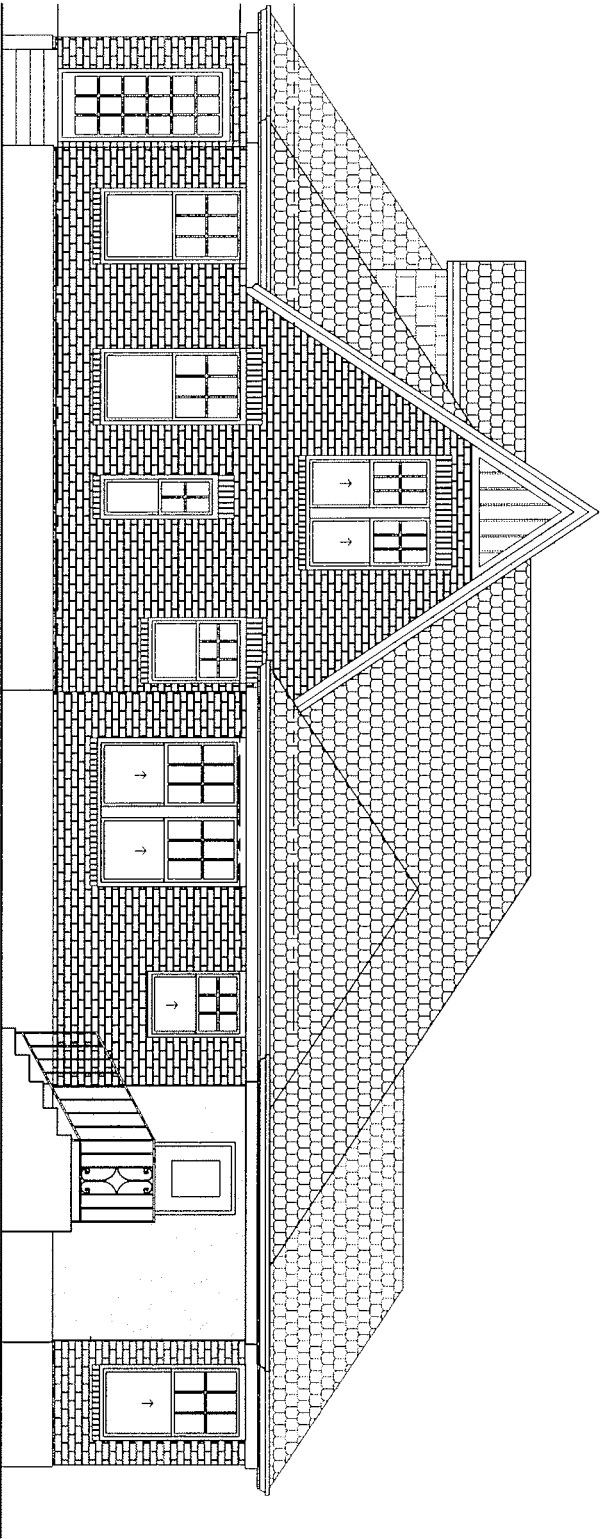


01 FRONT SOUTH ELEVATION  
SCALE: 1/8" = 1'-0"



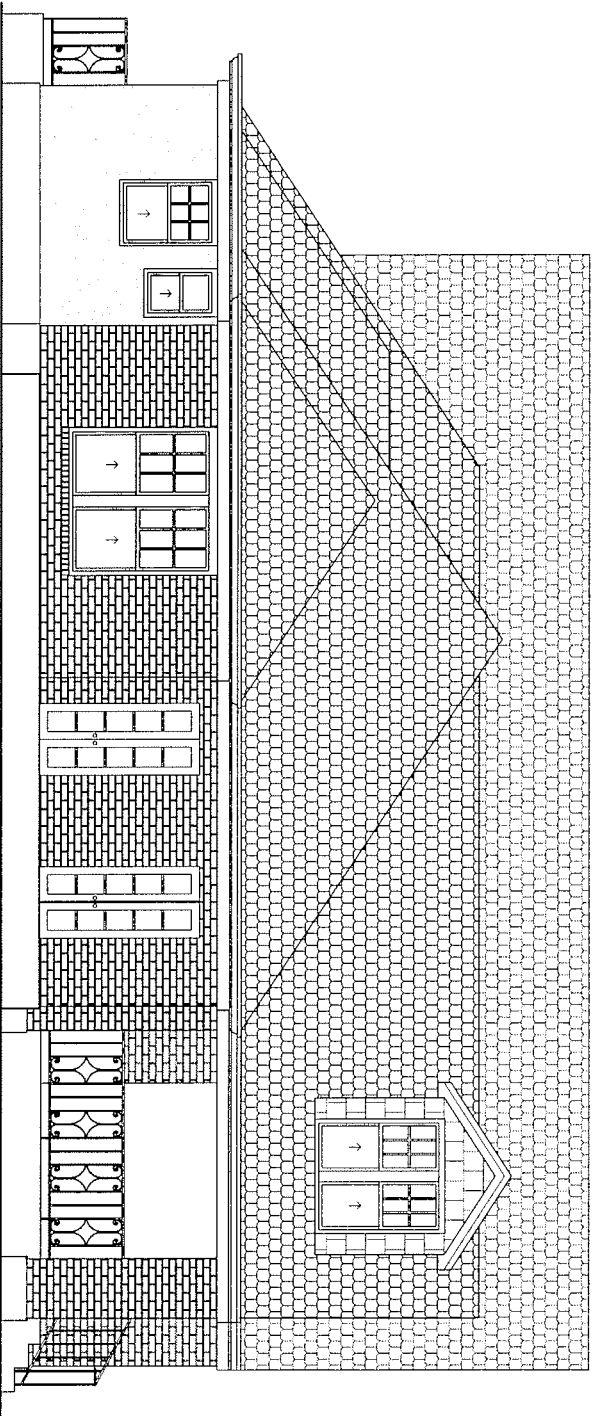
02 EAST SIDE ELEVATION  
SCALE: 1/8" = 1'-0"





03 NORTH REAR ELEVATION

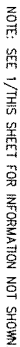
SCALE: 1/8" = 1'-0"



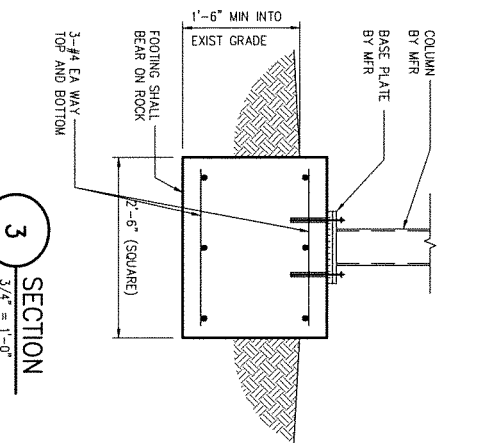
04 WEST SIDE ELEVATION

SCALE: 1/8" = 1'-0"

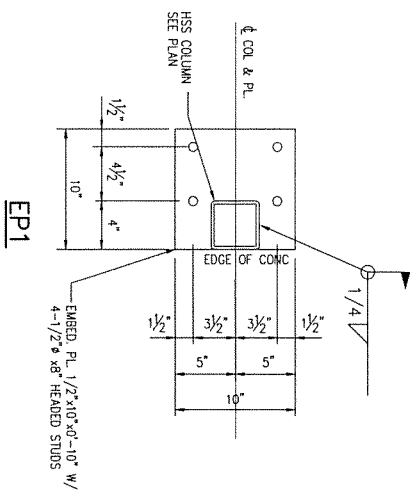
Zhiqiang Zhang  
06/29/2015



NOTE: SEE 1/THIS SHEET FOR INFORMATION NOT SHOWN



EMBEDDED PLATE DETAIL



1/4" = 1'-0" IN 22x34  
1/8" = 1'-0" IN 11x17

1. VERIFY ALL DIMENSIONS, SLAB DROPS W/ ARCHITECTURAL DRAWINGS PRIOR TO STARTING WORK.

2. 4.5" SLAB OVER VAPOR BARRIER OVER COMPACTED STRUCTURAL FILL. REIN. SLAB WITH #3 @ 12" O.C. IN AT MID DEPTH. SEE NOTES FOR STRUCTURAL FILL REQUIREMENTS.
3. 2-#4x4-0" CORNER BARS - TYPICAL AT ALL RE-ENTRANT CORNERS.
4. C1 = HSS4x4x1/4 COLUMN. EP = EMBED PLATE - SEE DETAILS.

1. Structural fill material shall consist of crushed limestone base material with the gradation as follows:

4. Provide a 10 and 40 mesh screen. Place waste barrier in accordance with manufacturer's recommendation on top of structural steel.
5. Structural steel shall be placed in 8 inch loose fills, wetted as required and compacted to a minimum of 95 percent of the maximum dry density as defined in T8001 test method TEX 113-2 at a moisture content within 3 percent of the optimum moisture content.
6. Prior to placing fill material, remove all organic and other deleterious material from the existing subgrade for a distance of 2'-0" beyond building line. All exposed surfaces shall then be recompact to a minimum of 95 percent of the maximum dry density as defined by T8001 test method TEX 113-2 or 114-2 in a moisture content within 3 percent of the optimum moisture content.
7. Relined on 3-1/2" screen  
Retained on 3/4" screen  
Relined on 1/4" screen  
Retained on No. 40 mesh sieve
8. 0% - 25%  
0% - 15%  
45% - 15%  
45% - 15%  
60% - 50%

1. Cast in place concrete shall meet the following requirements:

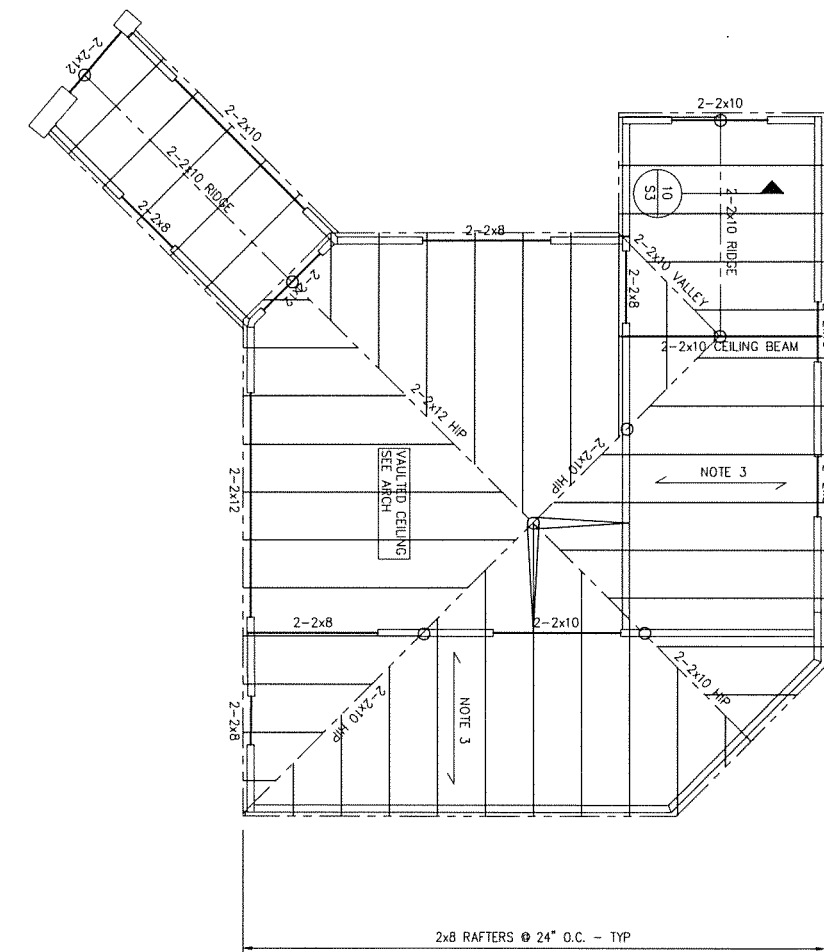
- |   | 28 Day<br>Compressive<br>Strength | Aggregate<br>Type & Size | Slump    | Use                        |
|---|-----------------------------------|--------------------------|----------|----------------------------|
| A | 3000 psi                          | C 33 1"                  | 4" to 6" | Sub-on-grade & grade beams |
- The use of fly ash is recommended, but shall not exceed 25% of the total cement plus fly ash by weight.

1. Reinforcing steel shall be deformed new billet steel bars in accordance with ASTM A615 Grade 60.

2. Detailing of reinforcing steel shall conform to the American Concrete Institute Detailing Manual.
3. Provide **2-#4** bent bar with 2'-0" legs top and bottom in airside and exterior face of grade beams at corners and top and bottom in exterior face of grade beam at intersections.
4. All hooks and bends in reinforcing bars shall conform to ACI detailing standards unless shown otherwise.
5. Welding of reinforcing steel will not be permitted.
6. Steel shall not be used in the fabrication or installation of reinforcement.
7. Reinforcing steel cover shall be as follows:
  - a. Grade beams – 1/2" top, 3" bottom, 2" side (vertical), 3" side (faced against earth)







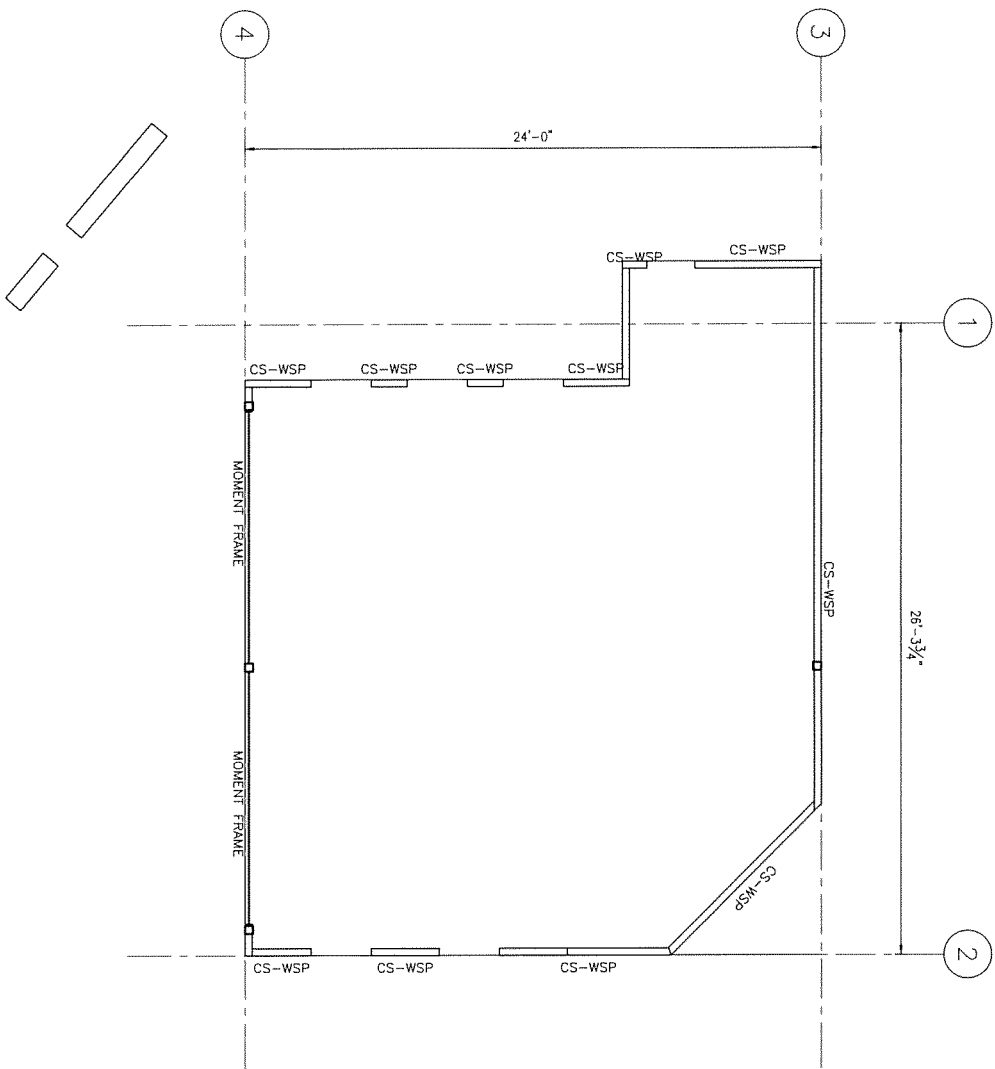
## ROOF FRAMING PLAN

1/4" = 1'-0" IN 22x34  
1/8" = 1'-0" IN 11x17

PLAIN NOTICE  
! ALL EXT

1. ALL EXT. WALLS ARE 2'x4 @ 16" LOAD BEARING WALLS UNLESS NOTED OTHERWISE IN THIS PLAN.
- ALL INTERIOR WALLS ARE 2'x4 @ 16" LOAD BEARING WALLS UNLESS NOTED OTHERWISE IN THIS PLAN.
- SEE ARCHT. FOR 2X6 PLUMBING WALLS.
2. BEAMS AND HEADERS SHALL BE SUPPORTED BY BUILT-UP COLUMNS & BLOCK SOLID TO FOUNDATION. SEE SCHEDULE IN THIS SHEET FOR BUILT-UP COLUMN SIZES.
3. 2X6 CEILING JOISTS @ 24" O.C.
4. O DESIGNATES 2-2'x4 BRACE TO CEILING BEAM BELOW.

| BUILT-UP COLUMN SCHEDULE |                      |
|--------------------------|----------------------|
| BEAM SIZE                | BUILT-UP STUD COLUMN |
| 2- 1 3/4"x14" LVL & UP   | 4- STUD COLUMN       |
| 2- 1 3/4"x12" LVL        | 3- STUD COLUMN       |
| 3- 2 x----               | 3- STUD COLUMN       |
| 2- 2 x 12                | 3- STUD COLUMN       |
| 2- 2 x 10 OR SMALLER     | 2- STUD COLUMN       |

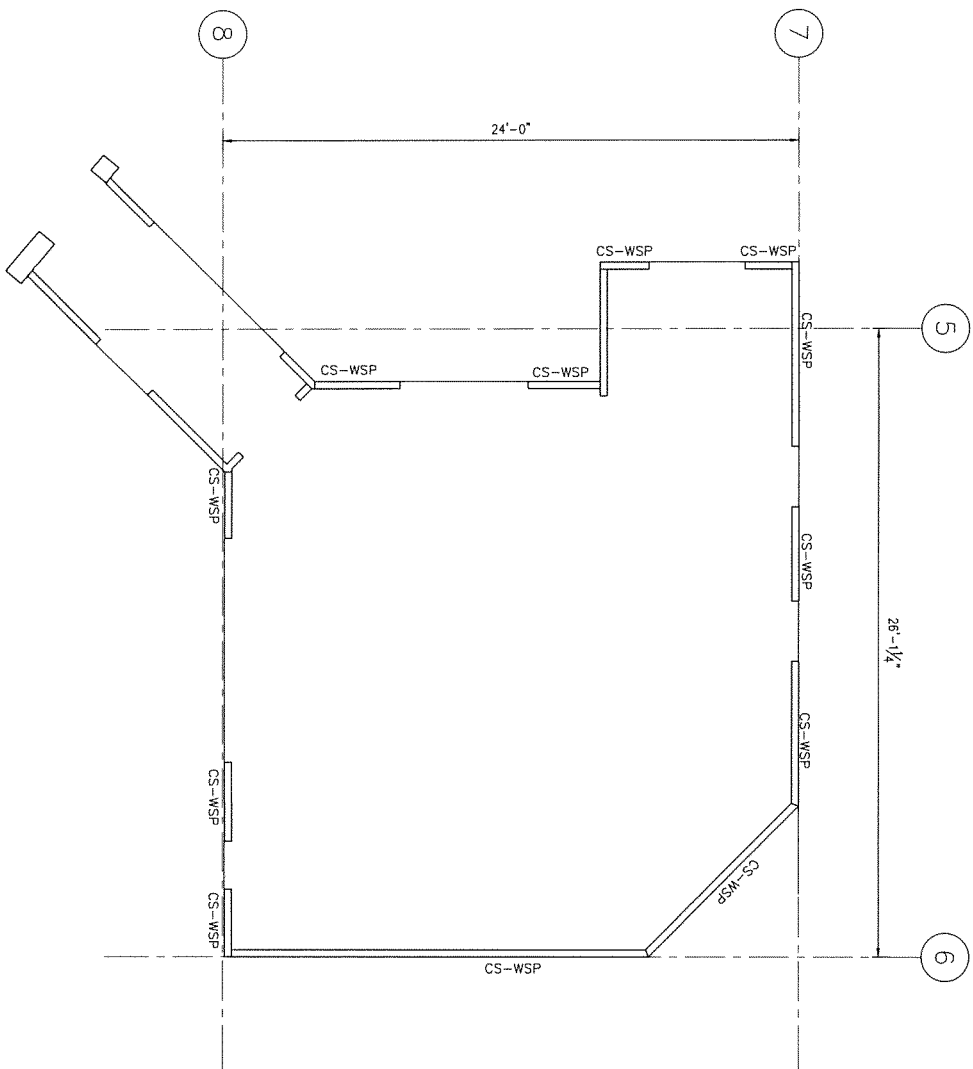


**1ST FLOOR WALL BRACING PLAN**  
1/4" = 1'-0" IN 22x34  
1/8" = 1'-0" IN 11x17

| BRACE WALL LINE DATA |        |                       |                         |                         |
|----------------------|--------|-----------------------|-------------------------|-------------------------|
| BWL                  | STORY  | BWL SPACING<br>(FEET) | REQUIRED<br>LENGTH (FT) | PROVIDED<br>LENGTH (FT) |
| 1                    | 1 OF 2 | 26                    | 8.5                     | 12+                     |
| 2                    | 1 OF 2 | 26                    | 8.5                     | 12+                     |
| 3                    | 1 OF 2 | 24                    | 7                       | 12+                     |
| 4                    | 1 OF 2 | 24                    | 7                       | MOMENT FRAME            |
| 5                    | 2 OF 2 | 26                    | 5                       | 8+                      |
| 6                    | 2 OF 2 | 26                    | 5                       | 8+                      |
| 7                    | 2 OF 2 | 24                    | 4                       | 8+                      |
| 8                    | 2 OF 2 | 24                    | 4                       | 8+                      |

LEGENDS: BWL = BRACE WALL LINE, CS-WSP = CONTINUOUS SHEATHED WOOD STRUCTURAL PANEL,  
GB = G/FSLAB BOARD, CS-PP = CONTINUOUS SHEATHED PORTAL FRAME.

LEGENDS: BWL = BRACED WALL LINE; CS-WSP = CONTINUOUS SHEATHED WOOD STRUCTURAL PANEL;  
GB = GYPSUM BOARD; CS-PF = CONTINUOUS SHEATHED PORTAL FRAME.



**2ND FLOOR WALL BRACING PLAN**  
1/4" = 1'-0" IN 22x34  
1/8" = 1'-0" IN 11x17

- BRACED WALL LINE DATA BASED ON SEISMIC DESIGN CATEGORY A AND A WIND SPEED OF 90 MPH OR LESS.
- MAXIMUM BWL SPACING SHALL NOT EXCEED 60 FEET O.C.:
- WOOD STRUCTURAL PANEL SHALL BE 1/2" OSB (OR PLYWOOD) SHEATHING AND SHALL BE FASTENED WITH 8d COMMON NAILS @ 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE FRAMING.
- ALL HORIZONTAL PANEL SPLICES SHALL BE BLOCKED WITH BLOCKING EQUAL TO WALL STUD SIZE AND SHALL BE FASTENED WITH 8d COMMON NAILS @ 6" O.C.
- THE FLOOR DECK SHALL BE 3/4" MIN OSB OR PLYWOOD DECK AND SHALL BE FASTENED WITH 8d COMMON NAILS @ 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE FRAMING.
- THE ROOF DECK SHALL BE 5/8" MIN OSB OR PLYWOOD DECK AND SHALL BE FASTENED WITH 8d COMMON NAILS @ 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE FRAMING.
- GYPSUM BOARD SHALL BE 1/2" THICK AND SHALL BE FASTENED WITH 6d COMMON NAILS @ 6" O.C. AT PANEL EDGES AND 12" O.C. AT INTERMEDIATE FRAMING.

Zhigang Zhang  
06/29/2015

HURD RESIDENCE  
1300 NORTHWOOD ROAD

GREENEARTH ENGINEERING, INC.  
STRUCTURAL CONSULTING ENGINEERS  
2500 WEST WILLIAM CANNON DR., #201 AUSTIN, TX 78745  
PHONE (512) 289-8086 FAX (512) 462-0800  
GE JOB NO.: 15096



| REV. | DATE |
|------|------|
|      |      |
|      |      |
|      |      |
|      |      |

CHK. BY: TZ  
DRWN. BY: BB  
DATE: 06/29/2015

SHEET NO.

S2.2

01



STRUCTURAL GENERAL NOTES

CODES

1. Building Code 2012 International Residential Code.
2. Wood Framing National Design Specifications For Wood Construction with Supplement, National Forest and Paper Products Association, Latest Edition.
3. Structural Plywood: Plywood Design Specification, American Plywood Association, Latest Edition.
4. Prefabricated Metal Plate Connected Wood Trusses: Design Standard for Metal Plate Connected Wood Truss Construction, AISI/PTI 1-95.

DESIGN LOADS

1. Live Loads
  - a. Roof 20 psf
  - b. Floor 40 psf
  - c. Stair 40 psf

TIMBER FRAMING

1. Unless otherwise noted, all structural framing lumber shall be closely matched no. 2 southern yellow pine or Douglas fir, except that non-loadbearing interior walls may be stud grade southern yellow pine, douglas fir, or spruce-pine-fir.
2. All wood headers, beams, and top plates shall be no. 2 Southern Yellow Pine or Douglas Fir.
3. All load bearing walls shall have solid 2x blocking at 4'-0" o.c. maximum vertically. End nail with 2-16d nails or side toe nail with 2-16d nails.
4. Provide double studs at all wall corners and on each side of all openings, unless noted or detailed otherwise.
5. The entire exterior wall framing shall be braced by a 1/2" thick panel of APA rated sheathing with an exposure 1 rating extending from the top plate to the sill plate. Where wall is taller than 8'-0" provide multiple panels as required to extend from sill plate to top plate. Provide 2x blocking as required to support all panel edges. Nail with 6d common nails at 6" on center at supported edges and 12" on center at intermediate supports.
6. Solid 2x blocking or bandedboard shall be provided at supports and cantilever ends of all wood joists, and between supports in rows not exceeding 8'-0" apart.
7. All framing members forming into the side of a header, hip, valley, ridge, beam or any other beam, shall be attached using metal joint hangers manufactured by the Simpson Company or equal. The hanger shall be sized and installed in accordance with the manufacturer's recommendations for the size of joint supported.
8. Nailing and attachment of all framing members and sheathing shall be as specified in the International Residential Code Nailing Schedule (Table R602.3) unless noted otherwise in the drawings. Common wire nails or spikes, or galvanized box nails shall be used for all framing unless noted otherwise.
9. Place a single plate at the bottom and a double plate at the top of all stud walls. Exterior sill plates shall be treated with a preservative. All exterior walls shall be finished with a minimum of 1/2" of exterior finish. Provide a minimum of two bolts per plate segment. Sill plates in contact with concrete or masonry shall be pressure treated with a preservative.
10. Provide double joists under all interior partition walls oriented parallel to the joists.
11. Provide triple studs (or cripples) at each end of any header, beam, ridge, valley, or hip spanning over 10'-0" unless noted otherwise. Provide double studs (or cripples) at each end of any header, beam, ridge, valley, or hip spanning 5'-0" to 10'-0" unless noted otherwise.
12. The new generation of pressure treated lumber products are highly corrosive to metal connectors and fasteners. All fasteners and metal connectors used in conjunction with the new generation of pressure treated lumber shall be hot-dip galvanized or stainless steel. These locations include, but are not limited to the following:
  - Anchor bolts at sole plate to foundation.
  - Nails from sole plate to wall studs.
  - Nails from top and bottom plates to wall studs.
  - Joist to treated ledger connections.
  - All hangers on treated joists.
  - Deck board to treated joists.

PREFABRICATED METAL PLATE CONNECTED WOOD TRUSSES

1. Trusses shall be designed by the Contractor in accordance with the Truss Plate Institute "Design Standard for Metal Plate Connected Wood Truss Construction" (ANSI/PTI 1-95).
2. Truss members shall be designed in a mechanical or hydraulic fashion with sufficient pressure to bring members into reasonable contact at all joints during application of connector plates.
3. Provide adequate erection bracing in accordance with Truss Plate Institute publication HB-91.
4. Truss Manufacturer shall provide permanent bracing as required by the design of the trusses. Erection bracing may remain in place on permanent bracing where it does not interfere with the architectural finishes.
5. All timber truss members shall be Southern Yellow Pine with a maximum moisture content of 15%. Chord members shall be no. 2 or better end web members shall be no. 3 or better.
6. Connection plates shall be manufactured by a WTA member plate manufacturer. Plates shall be 20 gauge minimum, ASTM A446 grade A steel, with a 550 galvanized coating.
7. Trusses shall be designed in accordance with the following requirements:
  - a. Top chords shall be designed to resist the local bending induced by the floor or roof uniform load on the top chord.
  - b. Limit live load deflection of floor trusses to L/480. Total load deflections shall be limited to L/360.

COMPOSITE WOOD MEMBERS

1. Where noted on the drawings, joists shall be 11 "SIP" series engineered wood joists and beams shall be "Micro-Lam" or "Taperlam" beams as manufactured by the Trus Joist Macmillan Corporation.
2. Do not notch joists or beams. Drill holes through webs of engineered wood members for mechanical, electrical or plumbing services in accordance with the recommendations of the engineered wood product manufacturer.
3. Multiple wood beams up to three members thick shall be nailed together with three rows of 16d nails at 12" on center. Four or more multiple wood beams and any multiple wood beams utilizing beams thicker than 1 3/4" shall be bolted together with 1/2" diameter bolts top and bottom of supports and ends of the beam, then at 24" on center, staggered top and bottom for the full length of the beam.
4. Where multiples of two 1 3/4" Micro-Lam beams are noted on the drawings, contractor may provide single 3 1/2" beams in lieu of double 1 3/4" beams.
5. Provide web stiffeners where required by the manufacturer for the specified support condition.

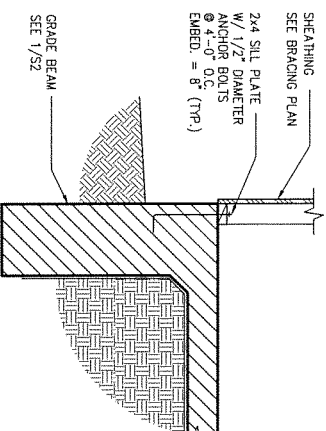
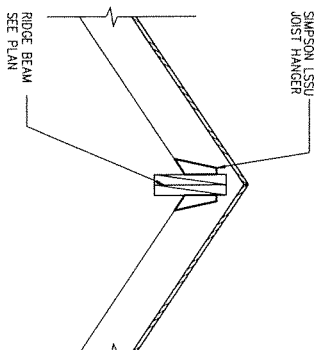
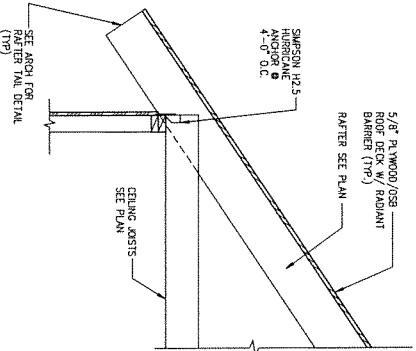
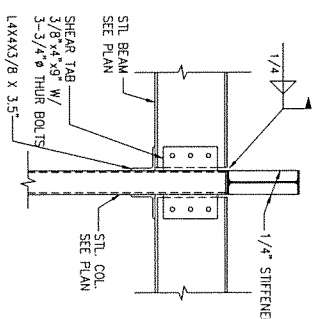
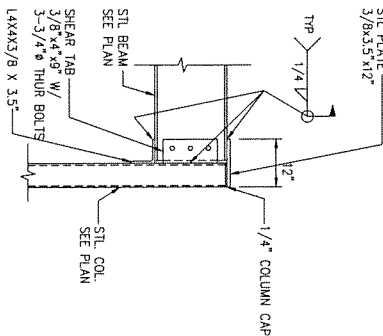
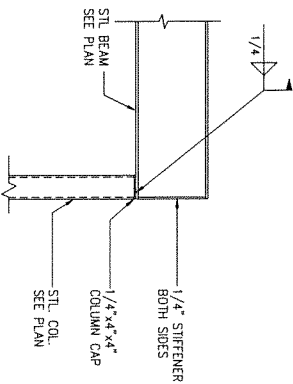
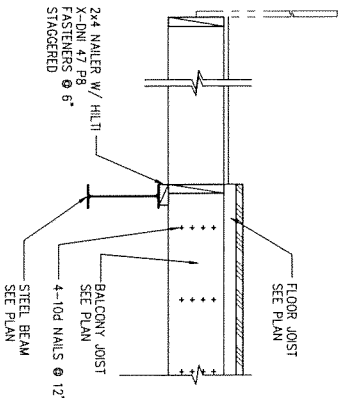
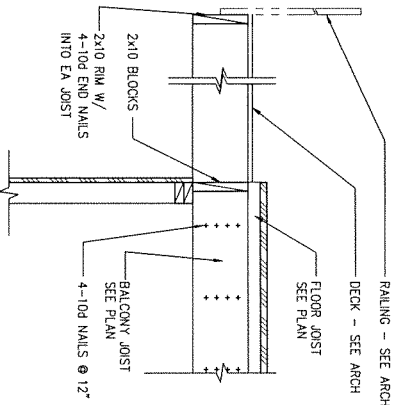
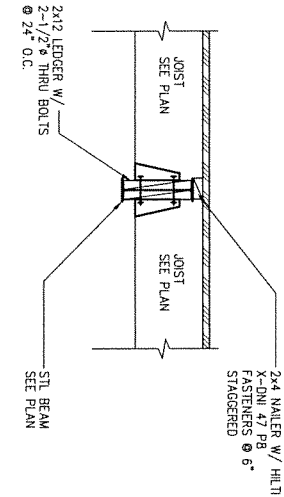
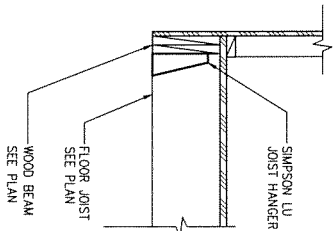
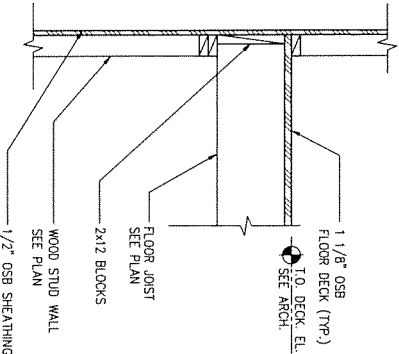
STRUCTURAL STEEL

1. Structural Steel members shall conform to ASTM A992. Steel joists, girders and channels may be ASTM A572 grade 50 or ASTM A36. Steel pipe shall conform to ASTM A501 or ASTM A53, Type E or S, grade B. Steel tube shall conform to ASTM A500, grade B, Fy 46 ksi.
2. Column base plates shall be grouted with a nonshrink, high strength cementitious grout. Pre-grouting of column base plates will NOT be permitted.
3. Splicing of structural steel members is prohibited without prior approval of the Engineer as to location and type of splice to be made. Any member having splice not shown and detailed on shop drawings will be rejected.

STRUCTURAL STEEL CONNECTIONS

1. Welding shall conform to AWS/AWS D1.1, latest edition.
2. Bolts shall conform to ASTM A325. Bolts shall be designed using values for bearing type bolts with threaded shank in the shear plane.

DETAILS SCALE TO 3/8"=1'-0" IN 11X17 SHEET



Zhiqiang Zhang  
06/29/2015

HURD RESIDENCE  
1300 NORTHWOOD ROAD

GREENEARTH ENGINEERING, INC.  
STRUCTURAL CONSULTING ENGINEERS  
2500 WEST WILLIAM CANNON DR., #201 AUSTIN, TX 78745  
PHONE (512) 289-8088 FAX (512) 462-0800  
GE JOB NO.: 150396



| REV. | DATE |
|------|------|
|      |      |
|      |      |
|      |      |
|      |      |
|      |      |

|                  |
|------------------|
| CHK. BY: TZ      |
| DRWN. BY: BB     |
| DATE: 06/29/2015 |

S3



FRONT OF HOUSE







WEST SIDE OF HOUSE





WEST SIDE OF HOUSE CONT'D





BACK OF HOUSE- 2ND FLOOR  
WINDOW/ PORTION OF WALL TO  
BE DEMO'D FOR BRIDGE  
CONNECTION





BACK OF HOUSE CONT'D





EAST SIDE OF HOUSE





VIEW OF DETACHED GARAGE TO BE  
DEMO'D IN RELATION TO HOUSE





FRONT OF GARAGE TO BE DEMO'D





WEST SIDE OF GARAGE TO BE DEMO'D





BACK OF GARAGE TO BE DEMO'D





EAST SIDE OF GARAGE  
TO BE DEMO'D