

## TERMITE SPECIFICATIONS:

- A PERMANENT SIGN WHICH IDENTIFIES THE TERMITE TREATMENT PROVIDER AND NEED FOR RE-INSPECTION AND TREATMENT CONTRACT RENEWAL SHALL BE PROVIDED. THE SIGN SHALL BE POSTED NEAR THE WATER HEATER OR ELECTRIC PANEL (FBC 104.2.6)
- CONDENSATE AND ROOF DOWNSPOUTS SHALL DISCHARGE AT LEAST 1'-0" AWAY FROM BUILDING SIDE WALKS. (FBC 1503.4.4)
- IRRIGATION/SPRINKLER SYSTEMS INCLUDING ALL RISERS AND SPRAY HEADS SHALL NOT BE INSTALLED WITHIN 1'-0" OF THE BUILDING SIDE WALLS. (FBC 1503.4)
- TO PROVIDE FOR INSPECTION FOR TERMITE INFESTATION, BETWEEN WALL COVERING AND FINAL EARTH GRADE SHALL NOT BE LESS THAN 6 INCHES.  
EXCEPTION: PAINT OR DECORATIVE CEMENTATION FINISH LESS THAN 5/8" THICK ADHERED DIRECTLY TO THE FOUNDATION WALL. (FBC 1403.1.6)
- INITIAL TREATMENT SHALL BE DONE AFTER ALL EXCAVATION AND BACKFILL IS COMPLETE. (FBC 1816.1.1)
- SOIL DISTURBED AFTER THE INITIAL TREATMENT SHALL BE RETREATED INCLUDING SPACES BOXED AND FORMED. (FBC 1816.1.2)
- BOXED AREAS IN CONCRETE FLOORS FOR SUBSEQUENT INSTALLATION OF TRAP ETC., SHALL BE MADE WITH PERMANENT METAL OR PLASTIC FORMS. PERMANENT FORMS MUST BE OF A SIZE AND DEPTH THAT WILL ELIMINATE THE DISTURBANCE SOIL AFTER THE INITIAL TREATMENT. (FBC 1816.1.3)
- MINIMUM 6 MIL VAPOR RETARDER MUST BE INSTALLED TO PROTECT AGAINST RAIL DILUTION IF RAINFALL OCCURS BEFORE VAPOR RETARDER PLACEMENT, RETREATMENT IS REQUIRED. (FBC 1816.1.4)
- CONCRETE OVERPOUR AND MORTAR ALONG THE FOUNDATION PERIMETER MUST BE REMOVED BEFORE EXTERIOR SOIL TREATMENT. (FBC 1816.1.5)
- SOIL TREATMENT MUST BE APPLIED UNDER ALL EXTERIOR CONCRETE OR GRADE WITHIN 1'-0" OF THE STRUCTURE SIDEWALLS. (FBC 1816.1.6)
- AN EXTERIOR VERTICAL CHEMICAL BARRIER MUST BE INSTALLED AFTER CONSTRUCTION IS COMPLETE INCLUDING LANDSCAPING AND IRRIGATION. ANY SOIL DISTURBED AFTER THE VERTICAL BARRIER IS APPLIED, SHALL BE RETREATED. (FBC 1816.1.6)
- ALL BUILDINGS ARE REQUIRED TO HAVE PRE-CONSTRUCTION TREATMENT. (FBC 1.1.7)
- A CERTIFICATE OF COMPLIANCE MUST BE ISSUED TO THE BUILDING DEPARTMENT BY A LICENSED PEST CONTROL COMPANY BEFORE A CERTIFICATE OF OCCUPANCY WILL BE ISSUED. THE CERTIFICATE OF COMPLIANCE SHALL STATE: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEAN TERMITES. THE TREATMENT IS IN ACCORDANCE WITH THE RULES AND LAWS OF THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES." (FBC 1816.1.7)
- AFTER ALL WORK IS COMPLETED, LOOSE WOOD AND FILL MUST BE REMOVED FROM BELOW AND WITHIN 1'-0" OF THE BUILDING. THIS INCLUDES ALL GRADE STAKES, TUB TRAY BOXES, FORMS, SHORING OR OTHER CELLULOSE CONTAINING MATERIAL. (FBC 2303.1.3)
- NO WOOD, VEGETATION, STUMPS, CARDBOARD, TRASH, ETC., SHALL BE BURIED WITHIN 15'-0" OF ANY BUILDING OR PROPOSED BUILDING. (FBC 2303.1.4)

|        |                      |           |                           |          |                      |
|--------|----------------------|-----------|---------------------------|----------|----------------------|
| A.B.   | Anchor Bolt          | F.B.C.    | Florida Bldg. Code        | Opn'g.   | Opening              |
| Abv.   | Above                | Fin. Flr. | Finished Floor            | Opt.     | Optional             |
| A/C    | Air-Conditioner      | F.G.      | Fixed Glass               | Ped.     | Pedestal             |
| Adj.   | Adjustable           | Flr.      | Floor                     | P.L.     | Parallel             |
| A.F.F. | Above Finished Floor | Fdn.      | Foundation                | P.L.     | Pounds per sq. foot  |
| A.H.U. | Air Handler Unit     | Flr. Sys. | Floor System              | P.L.     | Plate Height         |
| ALT.   | Alternate            | F.P.      | Fireplace                 | Plt. Sh. | Plant Shelf          |
| B.C.   | Base Cabinet         | Ft.       | Feet                      | PSF      | Pounds per sq. foot  |
| B.F.   | Bifold Door          | Fix.      | Fixed                     | P.T.     | Pressure Treat.      |
| Bk Sh. | Book Shelf           | Galv.     | Galvanized                | Pwd.     | Powder Room          |
| Bm.    | Beam                 | G.C.      | General Contractor        | Rad.     | Radius               |
| BOT.   | Bottom               | G.F.I.    | Ground Fault Interrupter  | Ref.     | Refrigerator         |
| B.P.   | Bypass door          | G.T.      | Grid Truss                | Req'd.   | Required             |
| Brg.   | Bearing              | Hdr.      | Header                    | Rm.      | Room                 |
| Cl.    | Circle               | Hgt.      | Height                    | Rnd.     | Round                |
| Clg.   | Ceiling              | HB        | Hose Bibb                 | R/SH     | Rod and Shell        |
| Col.   | Column               | Int.      | Interior                  | SD       | Smoke Detector       |
| Comp.  | A/C Compressor       | K.Wall    | Kneewall                  | S.F.     | Square Ft.           |
| C.T.   | Ceramic Tile         | K.S.      | Knee Space                | Sh.      | Shelves              |
| D.     | Dryer                | Laun.     | Laundry                   | SHT      | Sheet                |
| Dec.   | Decorative           | Lav.      | Lavatory                  | S.L.     | Side Lights          |
| Ded.   | Dedicated Outlet     | L.F.      | Linear Ft.                | S.P.F.   | Spruce Pine f        |
| Dbl.   | Double               | L.T.      | Laundry Tub               | Sq.      | Square               |
| Dia.   | Diameter             | Max.      | Maximum                   | S.Y.P.   | Southern Yellow Pine |
| Disp.  | Disposal             | M.C.      | Medicine Cabinet          | Temp.    | Tempered             |
| Dist.  | Distance             | MDP       | Master Distribution Panel | Thick.   | Thicken              |
| D.S.   | Drawer Stack         | Mfr.      | Manufacturer              | T.O.B.   | Top of Block         |
| D.V.   | Dryer Vent           | Micro.    | Microwave                 | T.O.M.   | Top of Mason         |
| D.W.   | Dishwasher           | Min.      | Minimum                   | T.O.P.   | Top of Plate         |
| El.    | Each                 | M.L.      | Microfilm                 | Trans.   | Transom Window       |
| E.W.   | Each Way             | Mir.      | Mirror                    | Typ.     | Typical              |
| Elec.  | Electrical           | Mon.      | Monolithic                | UCL      | Under Cabineting     |
| Elev.  | Elevation            | N.T.S.    | Not to Scale              | VB       | Vanity Base          |
| Ext.   | Exterior             |           |                           | Vert.    | Vertical             |
| Exp.   | Expansion            |           |                           | V.L.     | Versalene            |
|        |                      |           |                           | VTR      | Vent through f       |
|        |                      |           |                           | W        | Washer               |
|        |                      |           |                           | W/C      | Water Closet         |
|        |                      |           |                           | W.A.     | Wedge Ancho          |
|        |                      |           |                           | Wd       | Wood                 |
|        |                      |           |                           | WP       | Water Proof          |

## FOUNDATIONS

SOIL TO BE COMPACTED TO AT LEAST 95% OF MAX. DRY DENSITY AS DETERMINED BY ASTM 1557 (MODIFIED PROCTOR.)

## FOUNDATION INSPECTIONS

A FOUNDATION SURVEY SHALL BE PERFORMED AND A COPY OF THE SURVEY SHALL BE ON SITE FOR THE BUILDING INSPECTORS USE. OR ALL PROPERTY MARKERS SHALL BE EXPOSED AND A STRING STRETCHED FROM MARKER TO MARKER TO VERIFY REQUIRED SETBACKS.

## CAST IN PLACE CONCRETE

- ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2500 PSI, A SLUMP OF 6" PLUS OR MINUS 1", AND HAVE 2 TO 5% AIR ENTRAINMENT, AND A MAXIMUM WATER/CEMENT RATIO OF 0.63
- ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A-615 GRADE 40
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 WWF SHALL BE LAPPED AT LEAST 6" AND CONTAIN AT LEAST ONE CROSS WIRE WITHIN THE 6"
- HOOKS SHALL BE PROVIDED AT DISCONTINUOUS ENDS OF ALL TOP BARS OF BEAMS
- HORIZONTAL FOOTING BARS SHALL BE BENT 1'-0" AROUND CORNERS OR CORNER BARS WITH A 2'-0" LAP PROVIDED
- MINIMUM LAP SPLICES ON ALL REINFORCING BAR SPLICES SHALL BE 40 BAR DIAMETERS TYP.
- CONCRETE COVER MIN. 3" WHEN EXPOSED TO EARTH OR 1 1/2" TO FORM

## MASONRY WALL CONST.

- HOLLOW LOAD BEARING UNITS SHALL BE NORMAL WEIGHT, GRADE N, TYPE 2, CONFORMING TO ASTM C90, WITH A MINIMUM NET COMPRESSIVE STRENGTH OF 1800 PSI (fm = 1350 PSI)
- MORTAR SHALL BE TYPE "M" OR "S", CONFORMING TO ASTM C270
- COARSE GROUT SHALL CONFORM TO ASTM C476 WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI SLUMP 8" TO 11"
- VERTICAL REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS WITH THE CELLS FILLED WITH COARSE GROUT.
- VERTICAL REINFORCEMENT SHALL BE HELD IN POSITION AT THE TOP AND BOTTOM AND AT A MAXIMUM SPACING OF 192 BAR DIAMETERS. REINFORCEMENT SHALL BE PLACED IN THE CENTER OF THE MASONRY CELL TYPICAL UNLESS OTHERWISE NOTED
- REINFORCING STEEL SHALL BE LAPPED A MINIMUM OF 40 BAR DIAMETERS, UNLESS OTHERWISE NOTED ON THE DRAWINGS
- GROUT STOPS SHALL BE PROVIDED BELOW BOND BEAM. PLASTIC SCREEN METAL LATH STRIP OR CAVITY CAPS MAY BE USED TO PREVENT THE FLOW OF GROUT INTO CELLS BELOW

THE USE OF FELT PAPER AS A STOP IS PROHIBITED.

## WOOD CONSTRUCTION

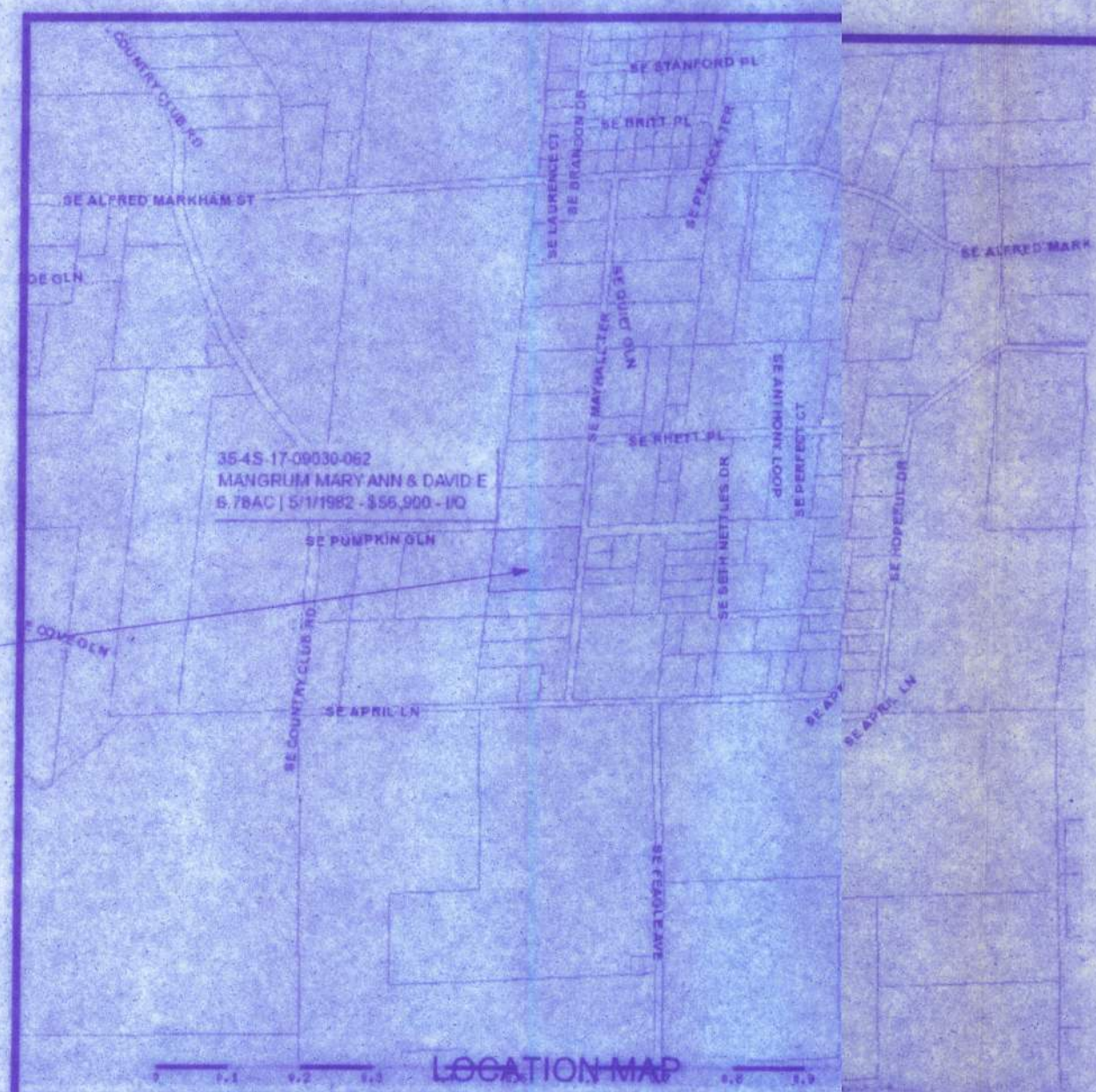
- WOOD CONSTRUCTION SHALL CONFORM TO THE NFPA "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", LATEST EDITION
- ALL EXTERIOR WOOD STUD WALLS, BEARING WALLS, SHEAR WALLS AND MISC. STRUCTURAL WOOD FRAMING MEMBERS, (I.E. BLOCKING OR GABLE END BRACING) SHALL BE EITHER SOUTHERN PINE OR S.P.F. NUMBER 2 GRADE SHALL BE USED REGARDLESS OF SPECIES
- ANY WOOD FRAME INTERIOR BEARING WALL STUDS THAT HAVE HOLES IN THE CENTER OF THE STUD UP TO 1" DIA. SHALL HAVE STUD PROTECTION SHIELDS FOR ALL HOLES OVER 1" IN DIA. FOR PLUMBING LINES, ETC. SHALL BE REPAIRED WITH SIMPSON HSS2 STUD SHOES, TYP., U.N.O.

## WOOD FRAMING INSPECTION

ALL PLUMBING, ELECTRICAL, AND MECHANICAL ROUGH-INS MUST BE COMPLETE, INSPECTED AND APPROVED BEFORE REQUESTING FRAMING INSPECTION.

## PROJECT LOCATION

634 SE Mayhall Ter  
Lake City, FL 32025



LOCATION MAP

Scale: 1" = 100'

North Arrow

Project Location: 634 SE Mayhall Ter, Lake City, FL 32025

Project Number: 17-00030-002

Project Name: MARY MANGRUM RESIDENCE

Project Address: 634 SE Mayhall Ter, Lake City, FL 32025

Project Date: 03/27/11

Project Status: In Progress

Project Contact: Mary Mangrum

Project Phone: (386) 758-4209

Project Email: mary@mangrumresidence.com

Project Website: www.marymangrumresidence.com

Project Social Media: Facebook, Twitter, Instagram, LinkedIn, YouTube, Pinterest, etc.

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025

Project Tags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

Project Hashtags: #MaryMangrumResidence, #634SEMayhallTer, #LakeCityFL32025

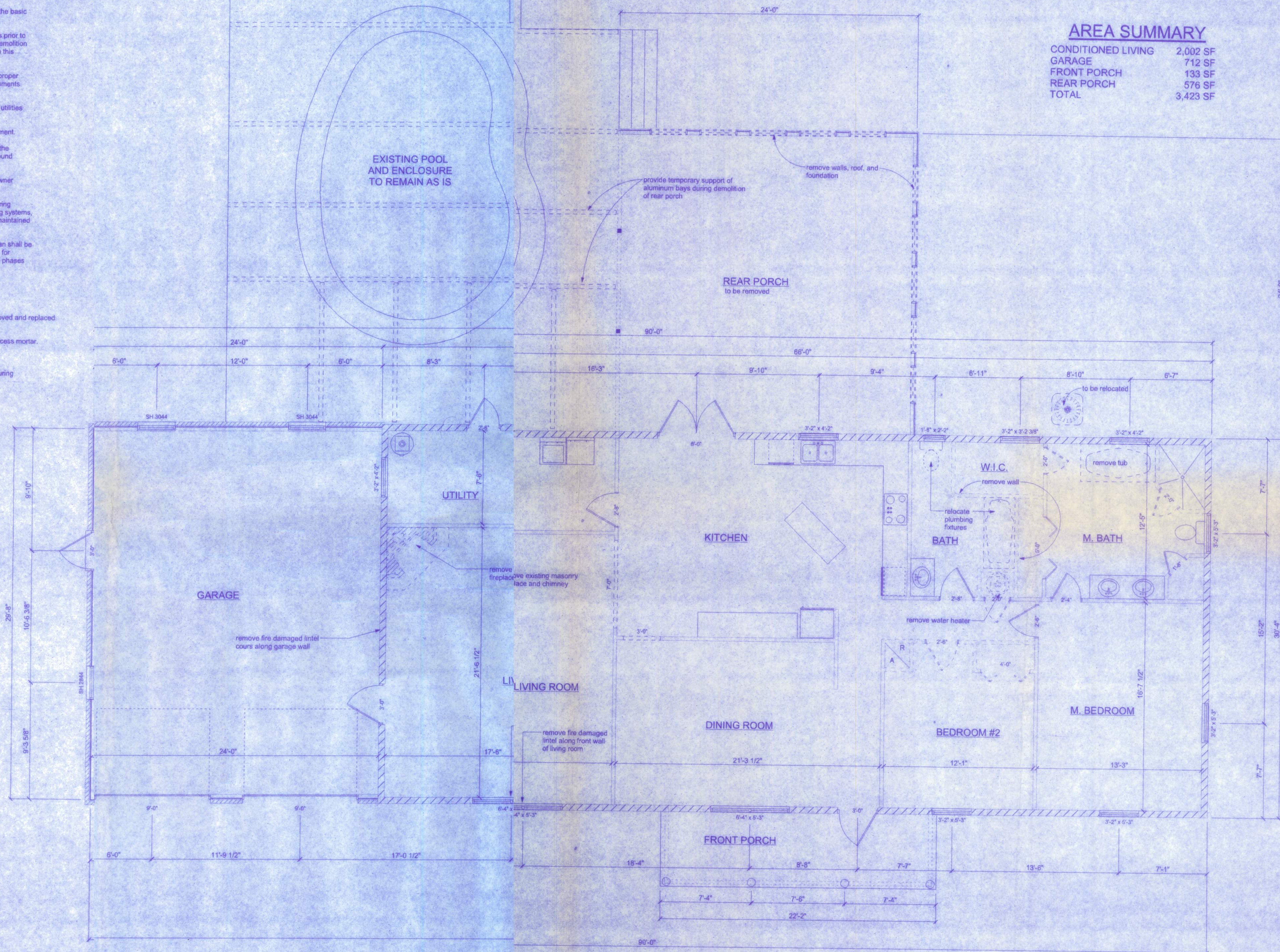
Project Keywords: Mary Mangrum Residence, 634 SE Mayhall Ter, Lake City, FL 32025



1. Demolition notes are general in nature only and identify the basic scope and intent of the work.
2. Contractor shall field verify all conditions and dimensions prior to performing demolition - Contractor is required to do all demolition of all items required to accomplish the new construction in this project, whether or not shown or noted.
3. The contractor shall be responsible for the removal and proper disposal of all materials as called for in the contract documents. The placement and access to waste receptacles for demolition/construction debris shall be coordinated with the owner. Contractor to coordinate the demolition of all utilities with owner prior to commencing demolition.
4. The owner has first right of refusal on all salvaged equipment.
5. Existing abandoned waste fire hydrants are to be secured to the underside of the existing road deck, cap exterior with 3 pound lead cap with drawtite band.
6. The contractor shall notify and await approval from the owner before interruption of utilities.
7. Facilities or portions of facilities shall not be occupied during construction, unless exits, fire detection and early warning systems, fire protection, and any safety barriers are continuously maintained and clearly marked at all times.
8. Prior to the issuance of the notice to proceed, a safety plan shall be provided by the contractor which clearly delineates areas for construction, safety barriers, construction traffic during all phases and conditions of construction.

1. all fire damaged truss members shall be completely removed and replaced with new engineered wood roof trusses.
2. replace cmu lintel course at top of wall and remove all excess mortar.
3. remove rear porch area and foundation
4. provide temporary support of aluminum pool enclosure during rear porch removal.
5. replace all existing windows and doors.

|                                                                                   |                             |
|-----------------------------------------------------------------------------------|-----------------------------|
|  | existing wall to remain     |
|  | existing wall to be removed |
|  | existing door to be removed |
|  | existing door to remain     |



|                    |          |
|--------------------|----------|
| CONDITIONED LIVING | 2,002 SF |
| GARAGE             | 712 SF   |
| FRONT PORCH        | 133 SF   |
| REAR PORCH         | 576 SF   |
| TOTAL              | 3,423 SF |

MARY MANGRUM RESIDENCE

128 SW NASSAU STREET  
LAKE CITY, FL. 32025  
(386)758-4209

CERTIFICATE OF AUTHORIZATION # 00008704

**Freeman**  
Design Group, Inc.

|          |             |
|----------|-------------|
| DATE     | DRAWN BY    |
| 03/27/11 | W.H.F.      |
|          | APPROVED BY |
|          | W.H.F.      |

#### REVISIONS

SHEET A-2

OF 9

PROJECT NO.  
11.R008

## DEMOLITION PLAN

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



**NOTE:** All 120 volt, single phase, 15 and 20 ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunroom, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed arc-fault circuit interrupter, combination type, installed to provide protection of the branch circuits.

WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT  
PER MANUF. SPECIFICATIONS.

CONSULT THE OWNER FOR THE NUMBER OF SEPERATE  
TELEPHONE LINES TO BE INSTALLED.

INSTALLATION SHALL BE PER NAT'L. ELECTRIC CODE.

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

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

ELECTRICAL CONTR'OR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT N°, DESCRIPTION & BRKR. SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. RISER DIA. SHALL INCLUDE WIRE SIZES/TYPE & EQUIPMENT TYPE W/ RATINGS & LOADS.  
CONTRACTOR SHALL PROVIDE 1 COPY OF AS-BUILT DWGS TO OWNER & 1 COPY TO THE PERMIT ISSUING AUTHORITY.

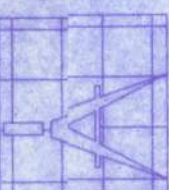
**NOTE:**  
upgrade existing meter can to provide  
main disconnect switch.



|                    |          |
|--------------------|----------|
| CONDITIONED LIVING | 2,002 SF |
| GARAGE             | 712 SF   |
| FRONT PORCH        | 133 SF   |
| REAR PORCH         | 576 SF   |
| TOTAL              | 3,423 SF |

MARY MANGRUM RESIDENCE

128 SW NASSAU STREET  
LAKE CITY, FL 32029  
(386)758-4209

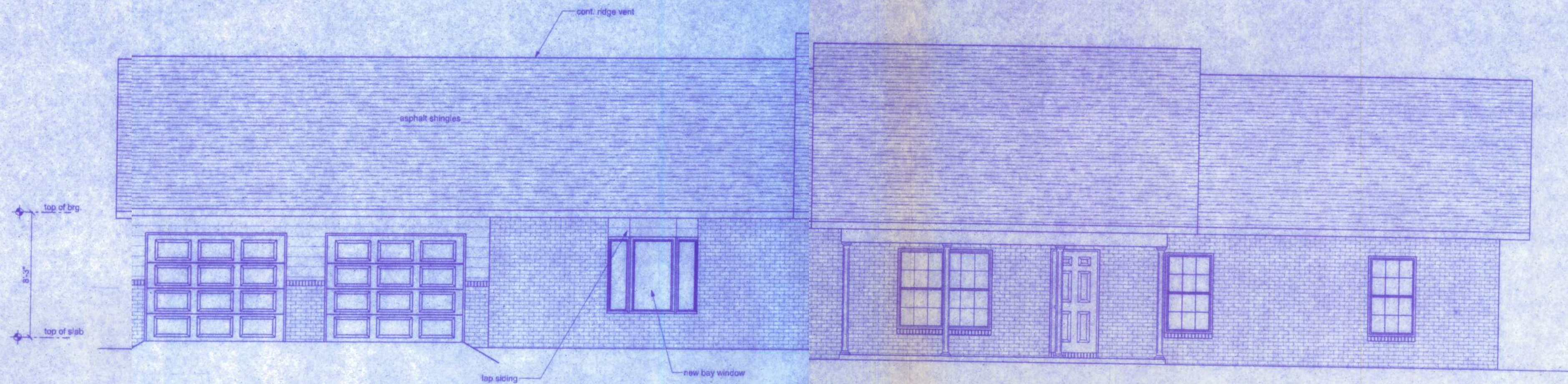


**Freeman**  
Design Group INC

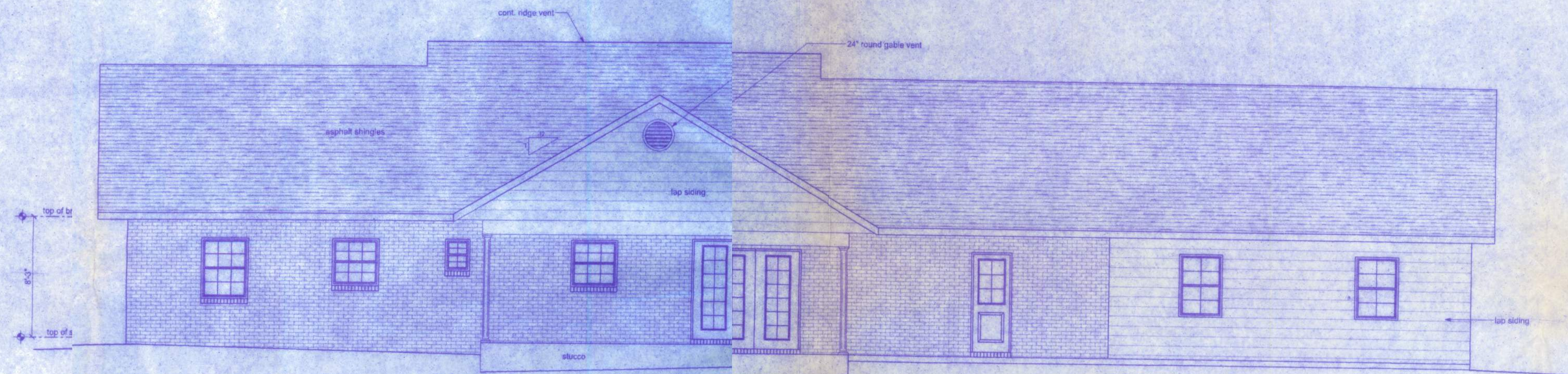
CERTIFICATE OF AUTHORIZATION # 00000701

|                        |                    |
|------------------------|--------------------|
| DATE<br>03/27/11       | DRAWN BY<br>W.H.F. |
| APPROVED<br>W.H.F.     |                    |
| REVISIONS              |                    |
| SHEET<br>OF            | A-3<br>9           |
| PROJECT NO.<br>11.R008 |                    |





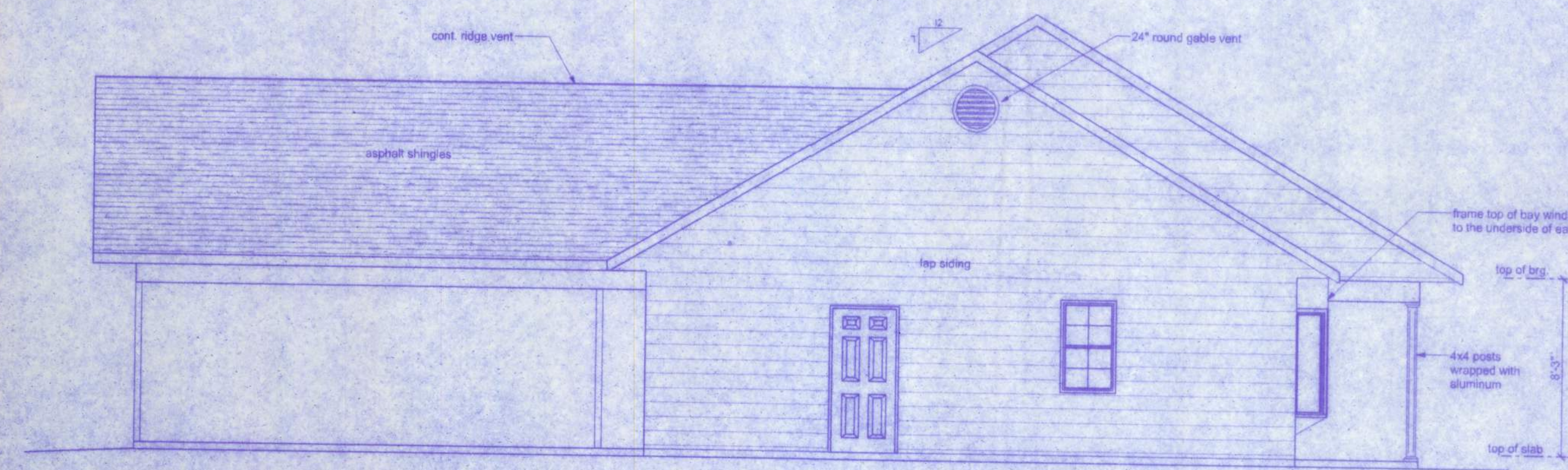
**FRONT ELEVATION**  
SCALE: 3/16" = 1'-0"



**REAR ELEVATION**  
SCALE: 3/16" = 1'-0"



**RIGHT ELEVATION**  
SCALE: 3/16" = 1'-0"



**LEFT ELEVATION**  
SCALE: 3/16" = 1'-0"

NOTE:  
aluminum pool enclosure not  
shown for clarity

W.H.F.  
3/28/11  
P.E. 8501

**MARY MANGRUM RESIDENCE**

128 SW NASSAU STREET  
LAKE CITY, FL 32025  
(386) 758-4209

CERTIFICATE OF AUTHORIZATION # 00008701



|             |          |          |        |
|-------------|----------|----------|--------|
| DATE        | 03/27/11 | DRAWN BY | W.H.F. |
| APPROVED    | W.H.F.   |          |        |
| REVISIONS   |          |          |        |
| SHEET       | A-4      |          |        |
| OF          | 9        |          |        |
| PROJECT NO. | 11,006   |          |        |



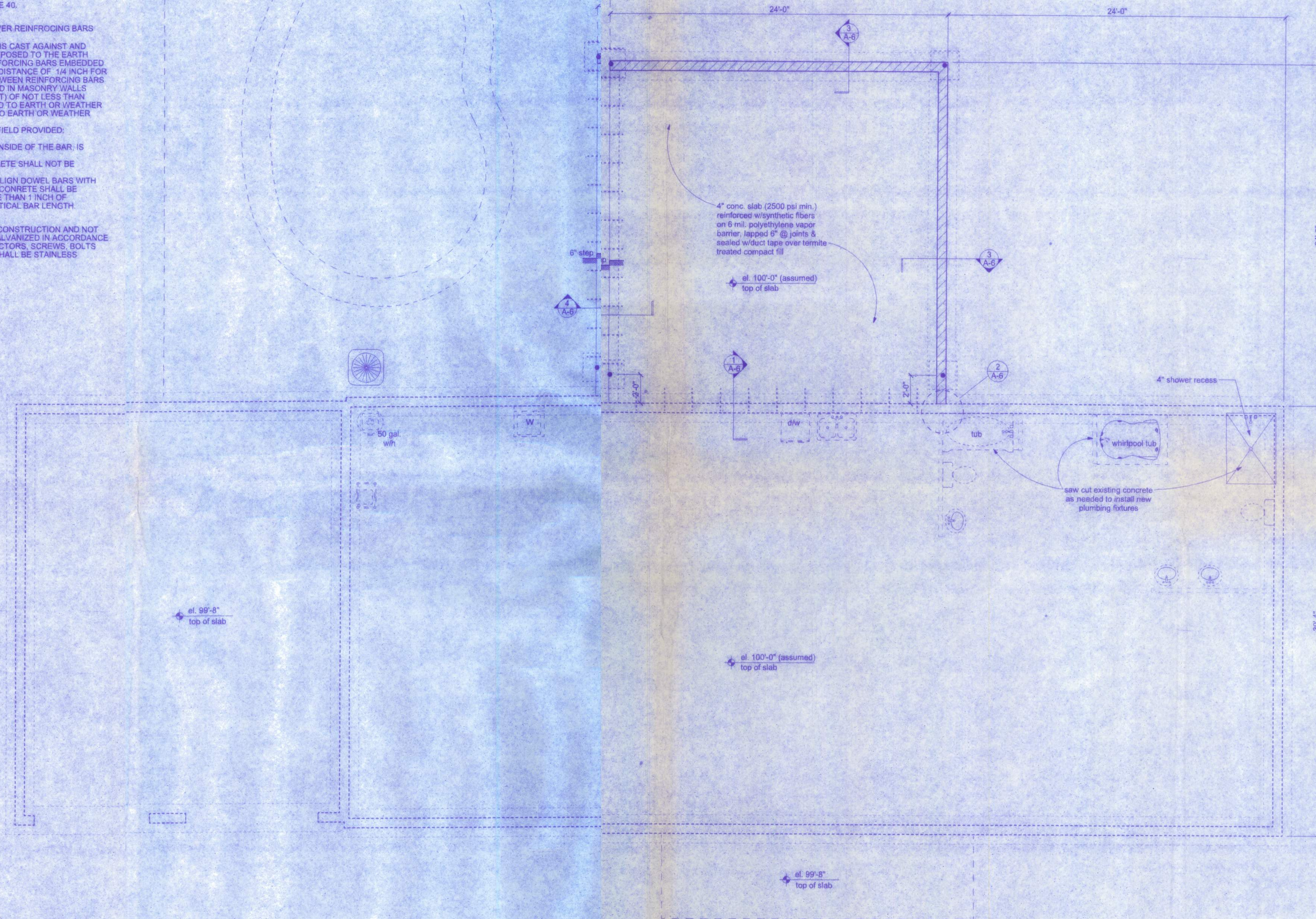
CONCRETE:  
CONCRETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 2500 PSI AT 28 DAYS.

REINFORCING STEEL:  
THE REINFORCING STEEL SHALL BE MINIMUM GRADE 40.

COVER OVER REINFORCING STEEL:  
FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS SHALL BE:  
3 INCHES IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER AND 1 1/2 INCHES ELSEWHERE. REINFORCING BARS EMBEDDED IN GROUTED CELLS SHALL HAVE A MINIMUM CLEAR DISTANCE OF 1/4 INCH FOR FINE GROUT OR 1/2 INCH FOR COARSE GROUT BETWEEN REINFORCING BARS AND ANY FACE OF A CELL. REINFORCING BARS USED IN MASONRY WALLS SHALL HAVE A MASONRY COVER (INCLUDING GROUT) OF NOT LESS THAN 2 INCHES FOR MASONRY UNITS WITH FACE EXPOSED TO EARTH OR WEATHER 1 1/2 INCHES FOR MASONRY UNITS NOT EXPOSED TO EARTH OR WEATHER.

REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:  
1. ALL REINFORCEMENT IS BENT COLD.  
2. THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS AND.  
3. REINFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE FIELD BENT.  
EXCEPTION: WHERE BENDING IS NECESSARY TO ALIGN DOWEL BARS WITH A VERTICAL CELL, BARS PARTIALLY EMBEDDED IN CONCRETE SHALL BE PERMITTED TO BE BENT AT A SLOPE OF NOT MORE THAN 1 INCH OF HORIZONTAL DISPLACEMENT TO 6 INCHES OF VERTICAL BAR LENGTH.

GALVANIZATION:  
METAL ACCESSORIES FOR USE IN EXTERIOR WALL CONSTRUCTION AND NOT DIRECTLY EXPOSED TO THE WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153, CLASS B-2. METAL PLATE CONNECTORS, SCREWS, BOLTS AND NAILS EXPOSED DIRECTLY TO THE WEATHER SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED.



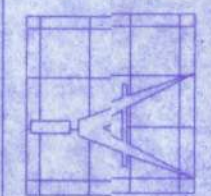
**FOUNDATION PLAN**  
SCALE: 1/8" = 1'-0"

William H. Freeman  
3/29/11  
P.E. #9001

**MARY MANGRUM RESIDENCE**

128 SW NASSAU STREET  
LAKE CITY, FL 32025  
(386)758-4209

CERTIFICATE OF AUTHORIZATION # 00008701



**Freeman**  
Design Group Inc.

DATE: 03/27/11  
DRAWN BY: W.H.F.  
APPROVED: W.H.F.

REVISIONS

SHEET: A-5

OF: 9

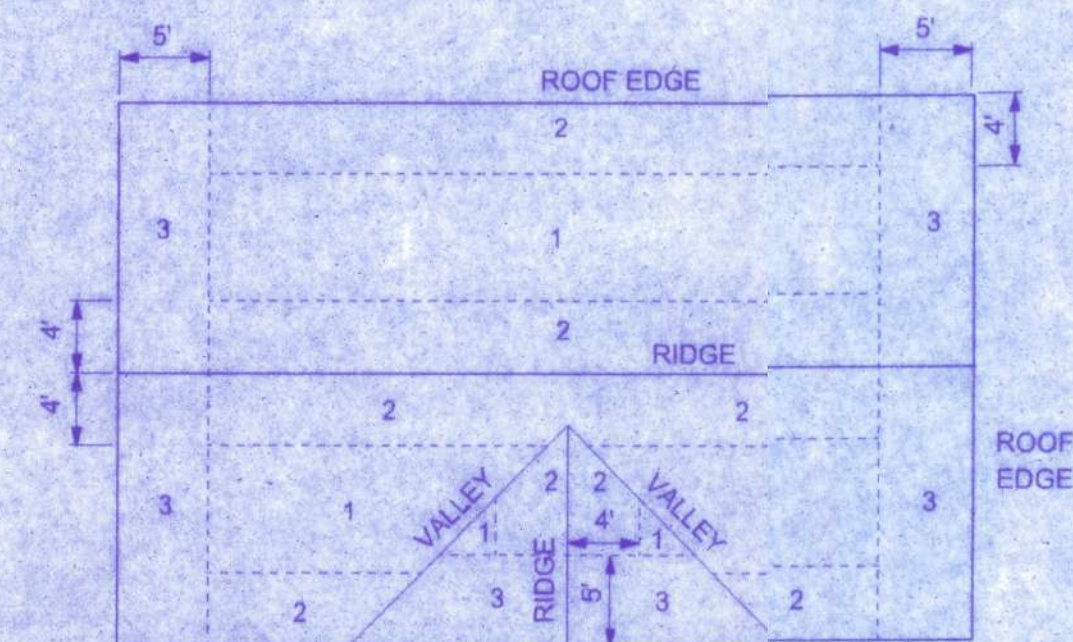
PROJECT NO: 1 R008



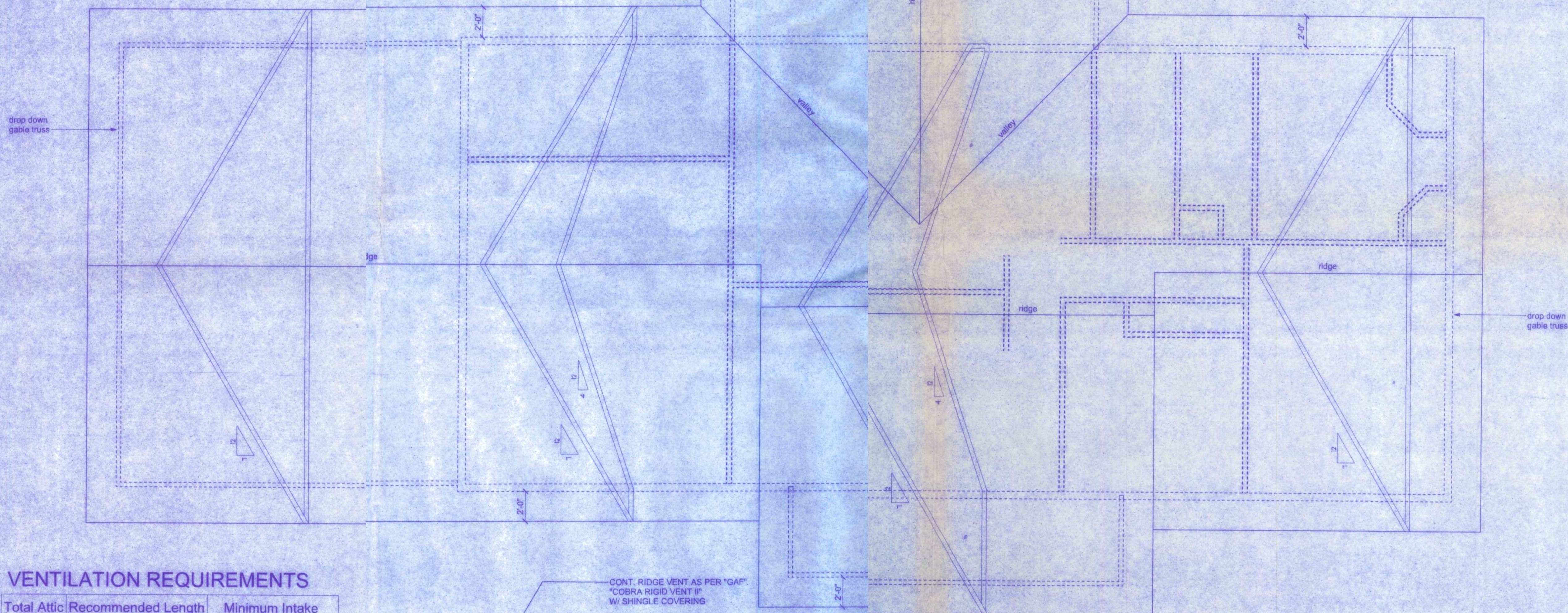




| ROOF SHEATHING FASTENINGS |                |                                           |                  |
|---------------------------|----------------|-------------------------------------------|------------------|
| NAILING ZONE              | SHEATHING TYPE | FASTENER                                  | SPACING          |
| 1                         | 7/16 o.s.b.    | 8d ring shank<br>hot dipped<br>galvanized | 6 in. o.c. EDGE  |
| 2                         |                |                                           | 6 in. o.c. FIELD |
| 3                         |                |                                           | 6 in. o.c. FIELD |

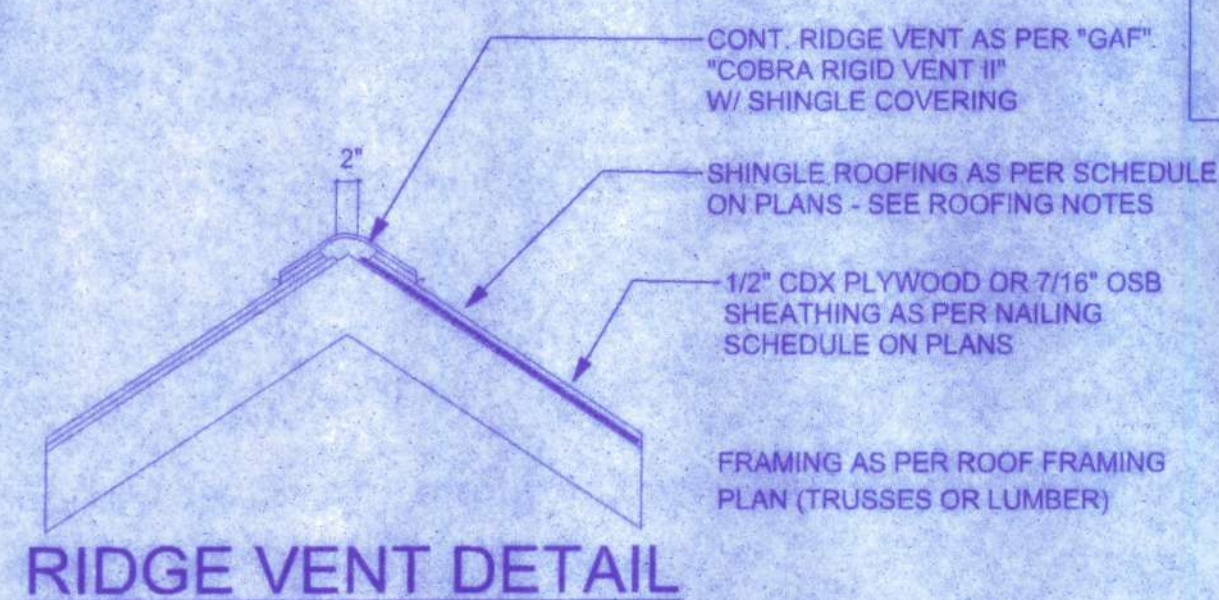


ROOF SHEATHING NAILING ZONES  
(GABLE ROF)



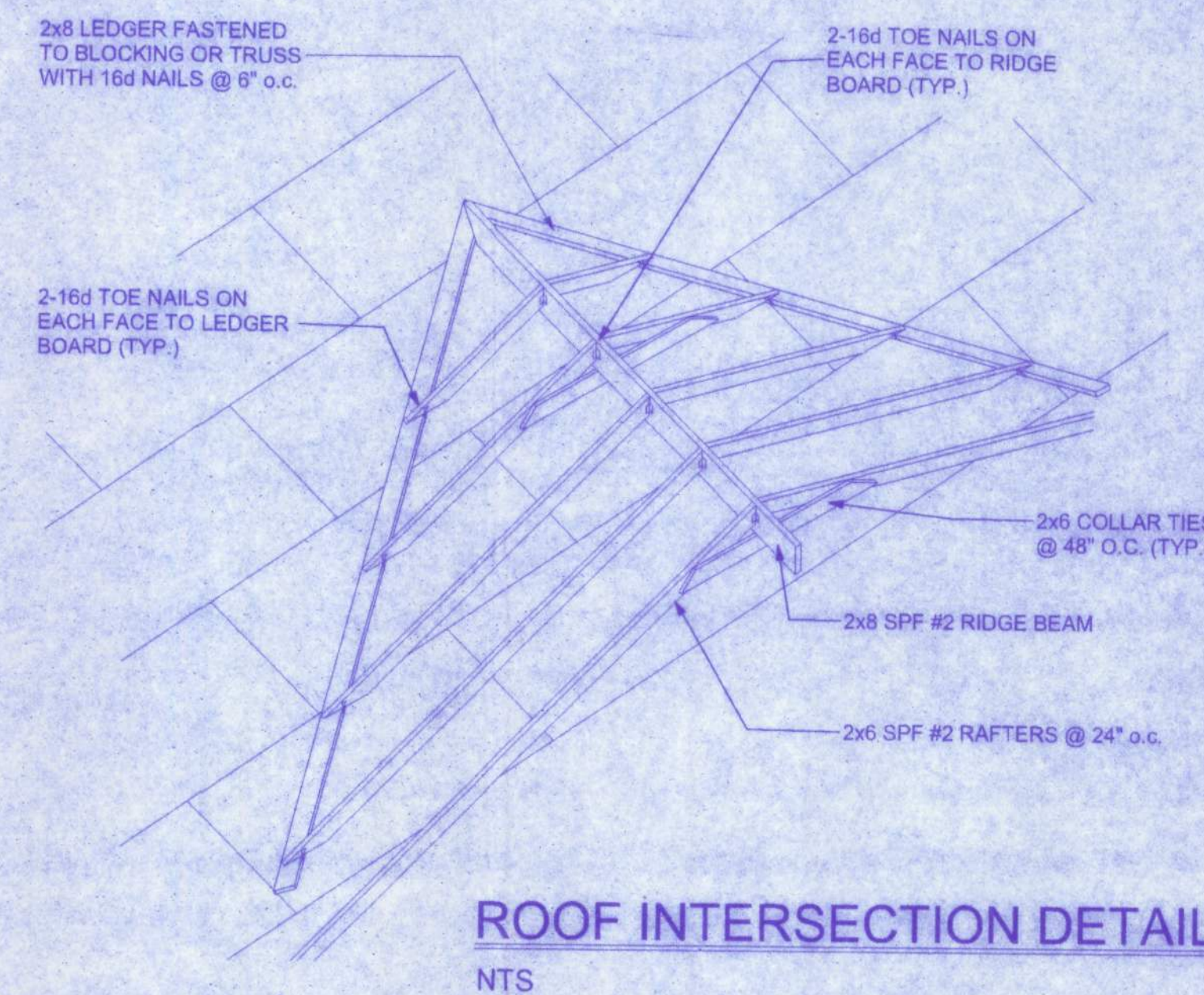
#### VENTILATION REQUIREMENTS

| Total Attic Square Footage | Recommended Length of Cobra Rigid Vent II (Feet) | Minimum Intake Ventilation (Net Free Area in Sq. In.) |
|----------------------------|--------------------------------------------------|-------------------------------------------------------|
| 1600                       | 21                                               | 384                                                   |
| 1900                       | 25                                               | 456                                                   |
| 2200                       | 29                                               | 528                                                   |
| 2500                       | 33                                               | 600                                                   |
| 2800                       | 41                                               | 744                                                   |
| 3100                       | 41                                               | 820                                                   |
| 3400                       | 45                                               | 816                                                   |



RIDGE VENT DETAIL

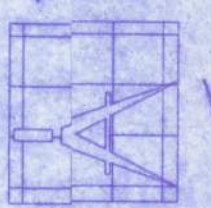
ROOF PLAN  
SCALE: 1/4" = 1'-0"



ROOF INTERSECTION DETAIL  
NTS

| CONNECTOR SCHEDULE FOR TRUSS ANCHORAGE |              |              |                       |              |
|----------------------------------------|--------------|--------------|-----------------------|--------------|
| CONNECTOR                              | TRUSS        | TOP PLATE    | UPLIFT PROVIDED       | MANUFACTURER |
| H2.5                                   | 5-8d NAILS   | 5-8d NAILS   | 365 LBS               | SIMPSON      |
| H10                                    | 8-8d NAILS   | 8-8d NAILS   | 850 LBS               | SIMPSON      |
| MTS12                                  | 7-10d NAILS  | 7-10d NAILS  | 1,000 LBS             | SIMPSON      |
| H16                                    | 2-10d NAILS  | 10-10d NAILS | 1,300 LBS             | SIMPSON      |
| (2)HTS20                               | 10-10d NAILS | 10-10d NAILS | 2 x 1,450 = 2,900 LBS | SIMPSON      |

128 SW NASSAU STREET  
LAKE CITY, FL 32025  
(886)758-4208



Freeman  
Design Group

CERTIFICATE OF AUTHORIZATION # 00000701

DRAWN BY  
W.H.F.  
DATE  
03/27/11  
APPROVED  
W.H.F.

REVISIONS

SHEET A-7

OF 9

PROJECT NO.  
11.R008

MARY MANGRUM RESIDENCE

3/29/11  
P.E. #5903





MARY MANGRUM RESIDENCE

128 SW NASSAU STREET  
LAKE CITY, FL. 32025  
(386)758-4209

CERTIFICATE OF AUTHORIZATION TO CONDUCT



**Freeman**  
Design Group inc

|                  |                       |
|------------------|-----------------------|
| DATE<br>03/27/11 | DRAWN BY<br>W.H.F.    |
|                  | APPROVED BY<br>W.H.F. |

REVISIONS

REVIEWS

SHEET

SHEET A-8

1

OF 9

PROJECT M

11.1008

10

STRUCTURAL STEEL

S1 GENERAL CONTRACTOR SHALL ENGAGE A CERTIFIED TESTING AGENCY TO PERFORM INDUSTRY STANDARD INSPECTIONS TO ENSURE CONFORMANCE WITH PLANS. SUBMIT REPORT TO A/E

S2 STEEL WORK SHALL CONFORM TO THE AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL BUILDINGS", LATEST EDITION.

|    |                   |                                                        |
|----|-------------------|--------------------------------------------------------|
| S3 | MATERIAL          |                                                        |
|    | BEAMS & CHANNELS  | ASTM A572, GRADE 50                                    |
|    | STEEL TUBING      | ASTM A500, GRADE B                                     |
|    | PLATES            | ASTM A36                                               |
|    | BOLTS             | ASTM A325                                              |
|    | ANCHOR BOLTS      | ASTM A36 THREADED ROD - 6" MIN. EMBEDMENT WITH 2" HOOK |
|    | EXPANSION ANCHORS | RAMSEY/REDHEAD TRUBOLT OR APPROVED EQUIVALENT          |
|    | NON-SHRINK GROUT  | 5000 PSI                                               |

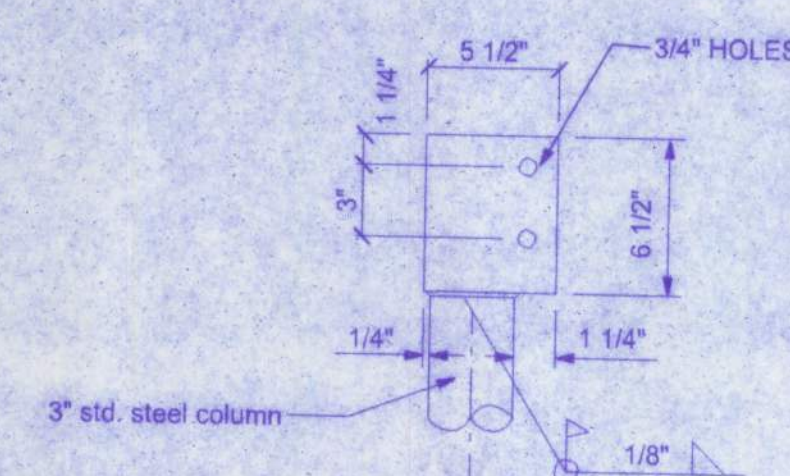
S4 BRACE AND MAINTAIN ALL STEEL IN ALIGNMENT UNTIL OTHER PARTS OF CONSTRUCTION NECESSARY FOR PERMANENT SUPPORT ARE COMPLETED. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING TEMPORARY SHORING AS REQUIRED FOR THE STABILITY OF THE STEEL FRAME UNTIL ALL STRUCTURAL ELEMENTS HAVE BEEN COMPLETED AND BUILDING IS ENCLOSED.

S5 ALL WELDING SHALL CONFORM TO THE REQUIREMENTS OF "THE STANDARD CODE FOR WELDING IN BUILDING CONSTRUCTION: OF THE AMERICAN WELDING SOCIETY. WELDING ELECTRODES SHALL BE E70XX-LOW HYDROGEN FOR SHIELD AND METAL ARC WELDING

S6 PROVIDE NUT & WASHER FOR ALL BOLTS AND ANCHOR BOLTS

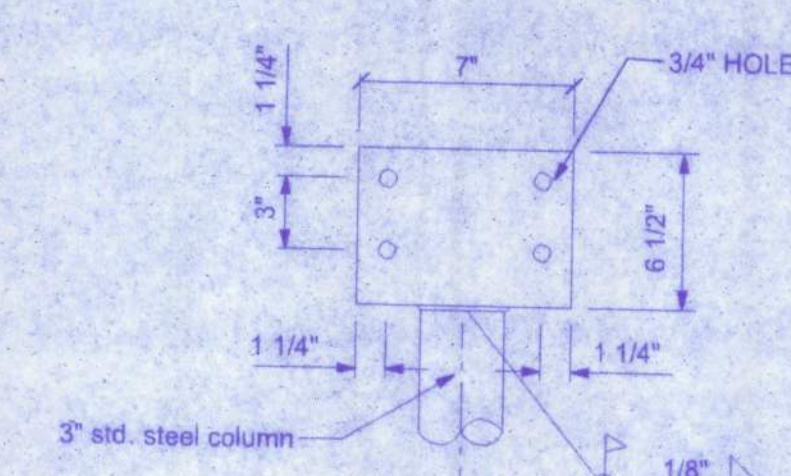
S7 ALL WELDED CONNECTIONS SHALL BE 1/4" FILLET ALL AROUND, UNO  
ALL BOLTED CONNECTIONS SHALL BE 1/2" DIA. A325 BOLTS, UNO.

NOTE:  
MODIFIED SIMPSON ECCO 3 GAUGE  
W1 = 3 5/8"  
W2 = N/A  
H1 = 6 1/2"  
L = 5 1/2"



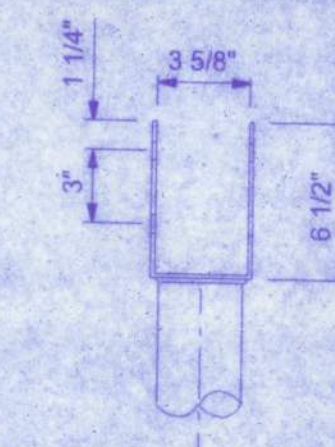
END COLUMN

NOTE:  
MODIFIED SIMPSON CCO 3 GAUGE  
W1 = 3 5/8"  
W2 = N/A  
H1 = 6 1/2"  
L = 7"



INT. COLUMN

NOTE:  
FASTEN TO GIRDER/B EAM WITH  
4- 5/8" GALVANIZED CARRIAGE BOLTS



## SECTION



W.H. HARRIS  
3/26/11  
P.E. # 50035

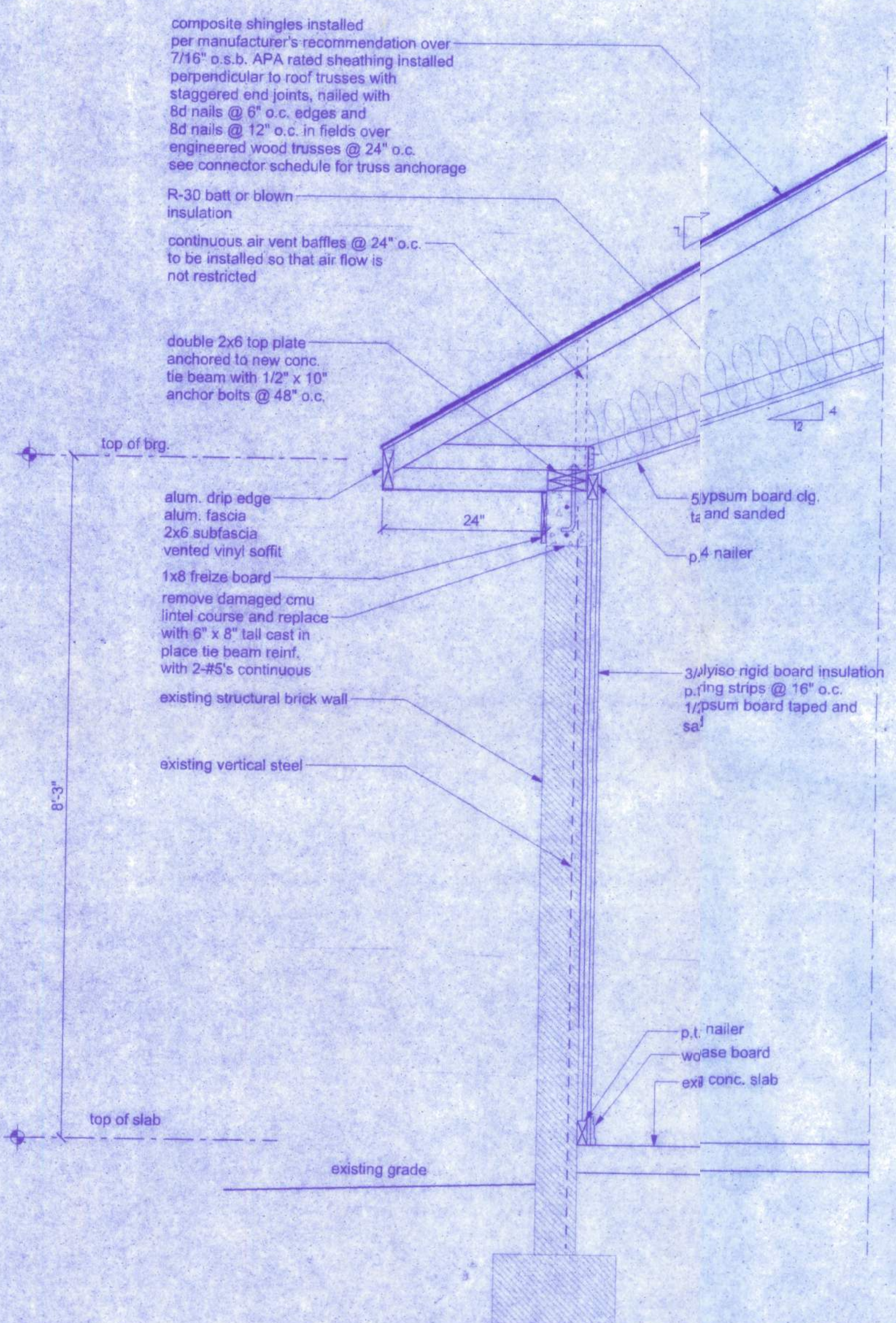
# MARY MANGRUM RESIDENCE

128 SW NASSAU STREET  
LAKE CITY, FL 32025  
(813) 777-1600

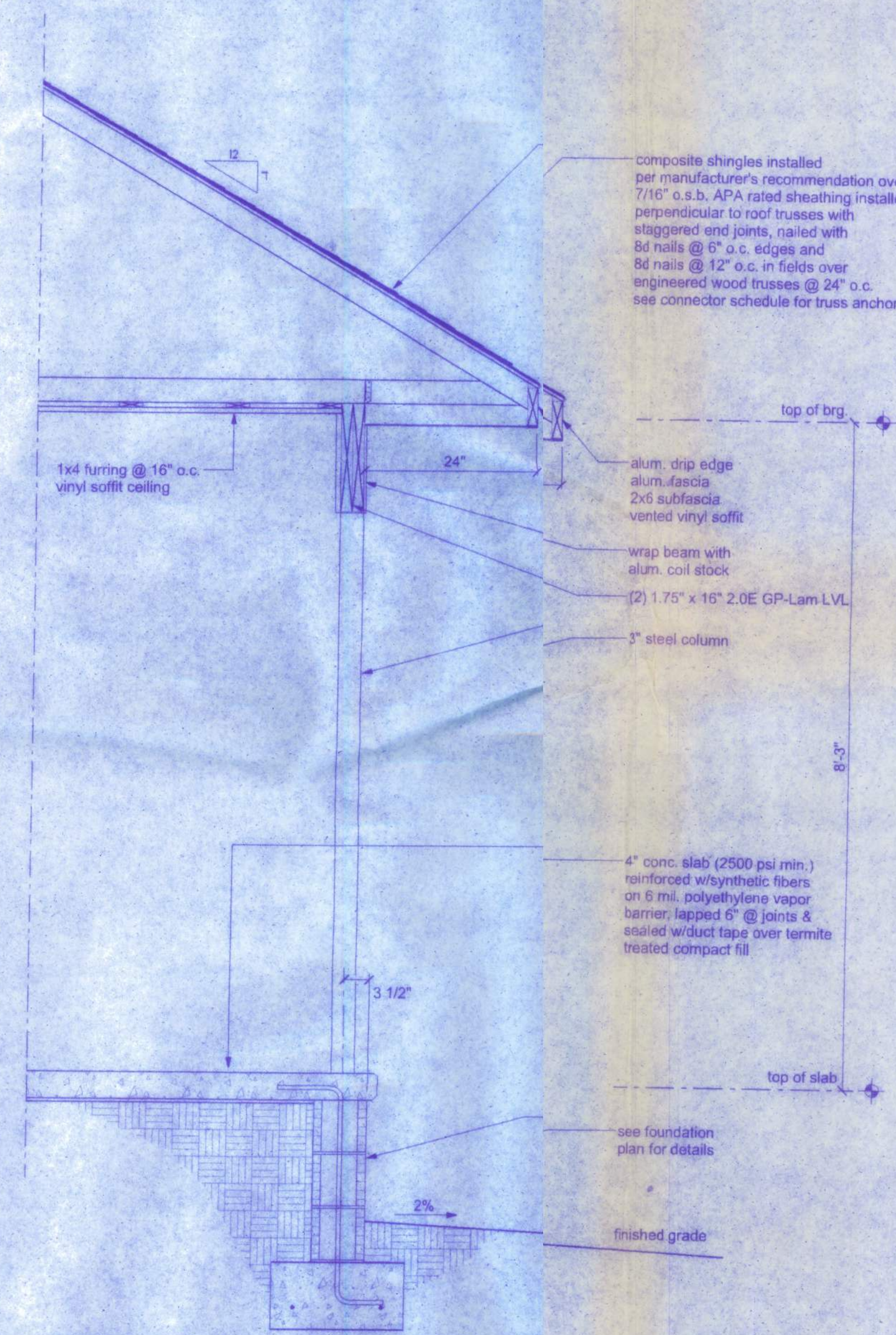
CERTIFICATE OF AUTHORIZATION # 00038701

**Freeman**  
Design Group, Inc.

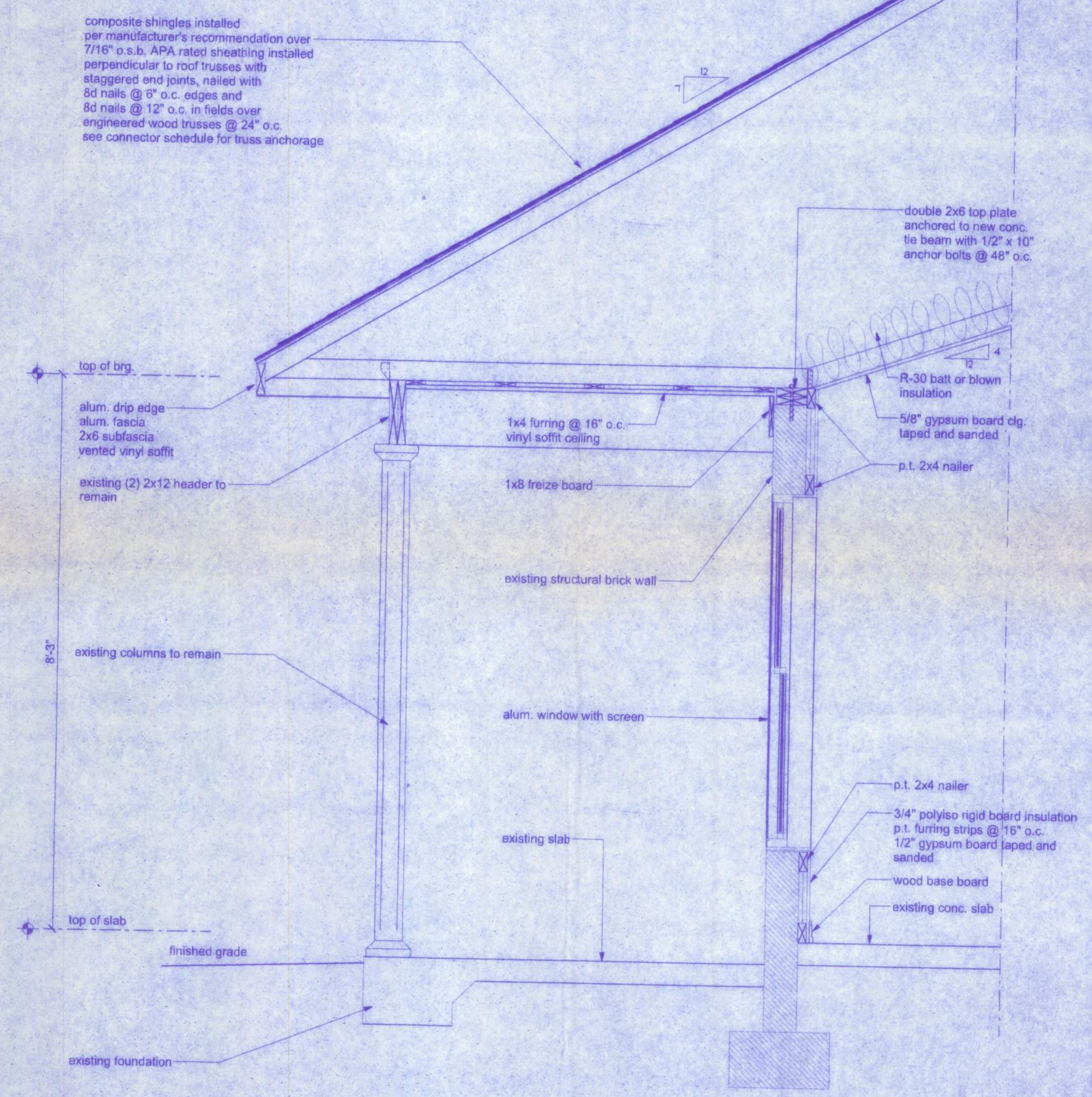
|                       |                    |
|-----------------------|--------------------|
| DATE<br>03/27/11      | DRAWN BY<br>W.H.F. |
|                       | APPROVED<br>W.H.F. |
| REVISIONS             |                    |
| SHEET<br>A-9          |                    |
| OF<br>9               |                    |
| PROJECT NO.<br>11.R08 |                    |



1 **EXISTING SECTION**  
SCALE: 3/4" = 1'-0"



2 **REAR PORCH SECTION**  
SCALE: 3/4" = 1'-0"



3 **EXISTING PORCH SECTION**  
SCALE: 3/4" = 1'-0"