

SET #1

SPELL RESIDENCE
ADDITION161 N.W. MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386) 758-4209

CERTIFICATE OF AUTHORIZATION # 00000701

DATE 1/23/08
DRAWN BY J.T.D.
APPROVED W.H.F.
REVISIONS
SHEET A-1
OF 7
PROJECT NO. 083004

NEW AREA SUMMARY

NEW LIVING	394.3 SF
NEW BREEZEWAY/CARPORT	1,157.2 SF
TOTAL ADDITION	1,551.5 SF

PRODUCT CODE	SIZE	COUNT
72x80 FRENCH EXTERIOR	6'-0" x 6'-8"	3
(2) SH 4040 W/ARCHTOP	8'-0" x 4'-0"	1
12x80 FRENCH SIDELITES	1'-0" x 6'-9 1/2"	6
(2) 3050 SH	6'-0" x 5'-0"	1

CONSTRUCTION DOCUMENTS:

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITY FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR REVIEWING THE PLANS AND VERIFYING ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION INCLUDING FABRICATION. ALL DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR RESOLUTION.

DO NOT SCALE THESE PLANS:

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATION OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO PLAN SETS:

PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT CONSULTING WITH THE ARCHITECT/ENGINEER. THE OWNER SHALL ASSUME ANY AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATIONS ON THE PLANS.

NOTE:

EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY, AND BEAR AN ANMA OR WDMA OR OTHER APPROVED LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT EVALUATION ENTITY TO INDICATE COMPLIANCE WITH THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION:

ANSI AAMA/NWMA 101/S2 297

THE CONSTRUCTION SHALL BE TESTED IN ACCORDANCE WITH ASTM E 330, STANDARD TEST METHODS FOR STRUCTURAL PERFORMANCE OF EXTERIOR WINDOWS, CURTAIN WALLS, AND DOORS BY UNIFORM STATIC AIR PRESSURE.

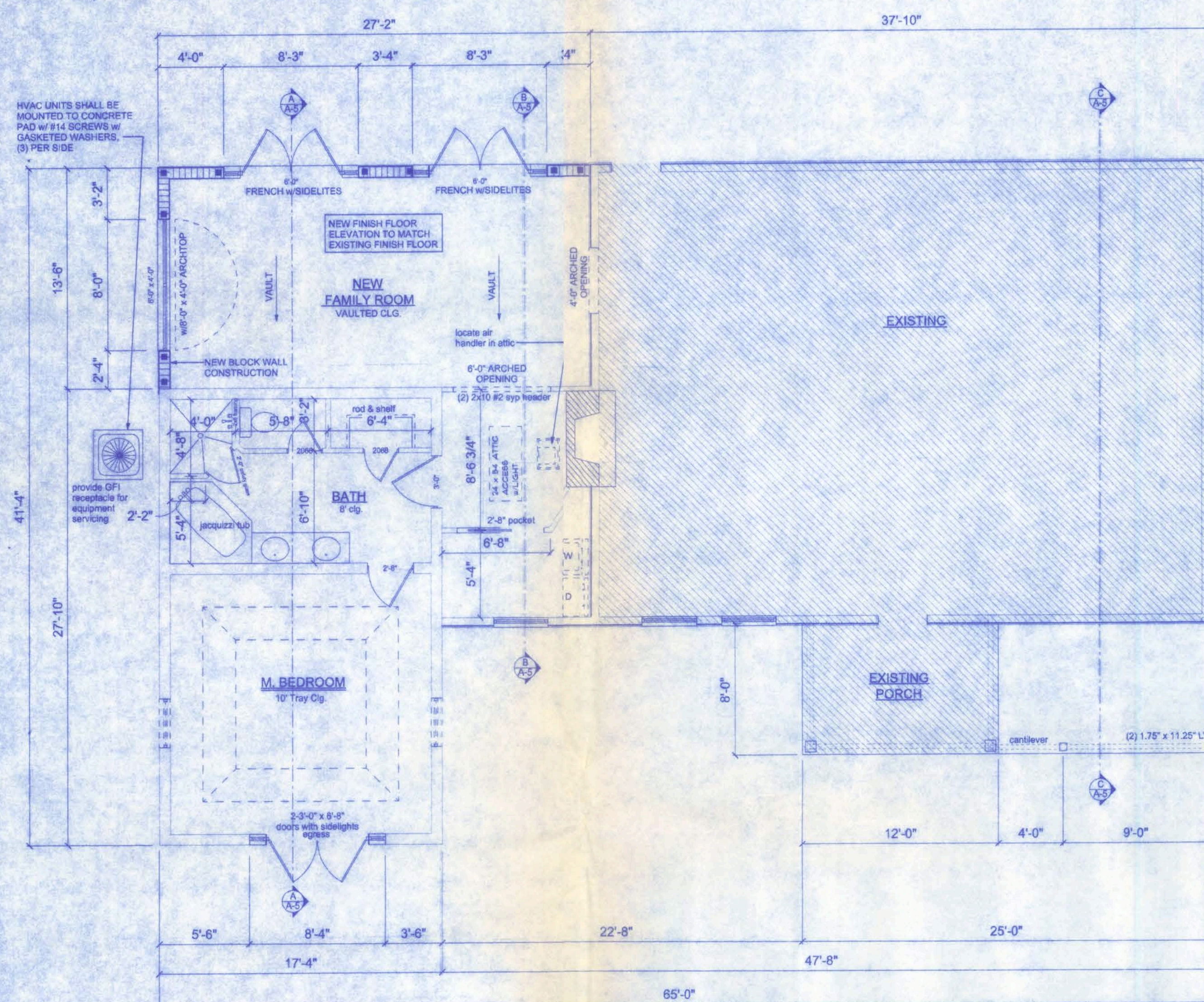
GENERAL NOTES:

- THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
- THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE WORK DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER. DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORKMANSHIP SHALL BE CORRECTED AT NO FURTHER COST TO THE OWNER DURING THE ONE YEAR WARRANTY PERIOD.
- AT THE OWNER'S OPTION, A WARRANTY INSPECTION SHALL BE PERFORMED DURING THE ELEVENTH MONTH FOLLOWING THE COMMENCEMENT OF THE WARRANTY PERIOD. FOR THE PURPOSE OF DETERMINING ANY WARRANTY WORK THAT MAY BE REQUIRED, THE CONTRACTOR SHALL BE PRESENT DURING THIS INSPECTION IF REQUESTED BY THE OWNER.
- THE CONTRACTOR SHALL PAY FOR ALL PERMITS, LICENSES, TESTS AND THE LIKE THAT MAY BE REQUIRED BY THE VARIOUS AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT BE THEY CITY, COUNTY, STATE OR FEDERAL.
- THE OWNER SHALL FILE A "NOTICE OF COMMENCEMENT" PRIOR TO THE BEGINNING OF THE PROJECT AND THE CONTRACTOR(S) SHALL FILE "NOTICE TO OWNERS" AND PROVIDE "RELEASE OF LIEN" FOR ALL PAYMENT REQUESTS PRIOR TO DISBURSEMENT OF ANY FUNDS.
- ANY AND ALL DISPUTES ARISING FROM EVENTS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT BETWEEN THE OWNER, CONTRACTOR(S) AND SUPPLIERS SHALL BE RESOLVED THROUGH BINDING ARBITRATION.
- ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND LOCAL REGULATIONS, INCLUDING APPLICABLE ENERGY CODES. ALL COMPONENTS OF THE BUILDING SHALL MEET WITH THE MINIMUM ENERGY REQUIREMENTS OF THE BUILDING CODE. ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE COMMENCEMENT OF THE WORK.
- ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABELS LEFT IN CONTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
- ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.

NOTE:

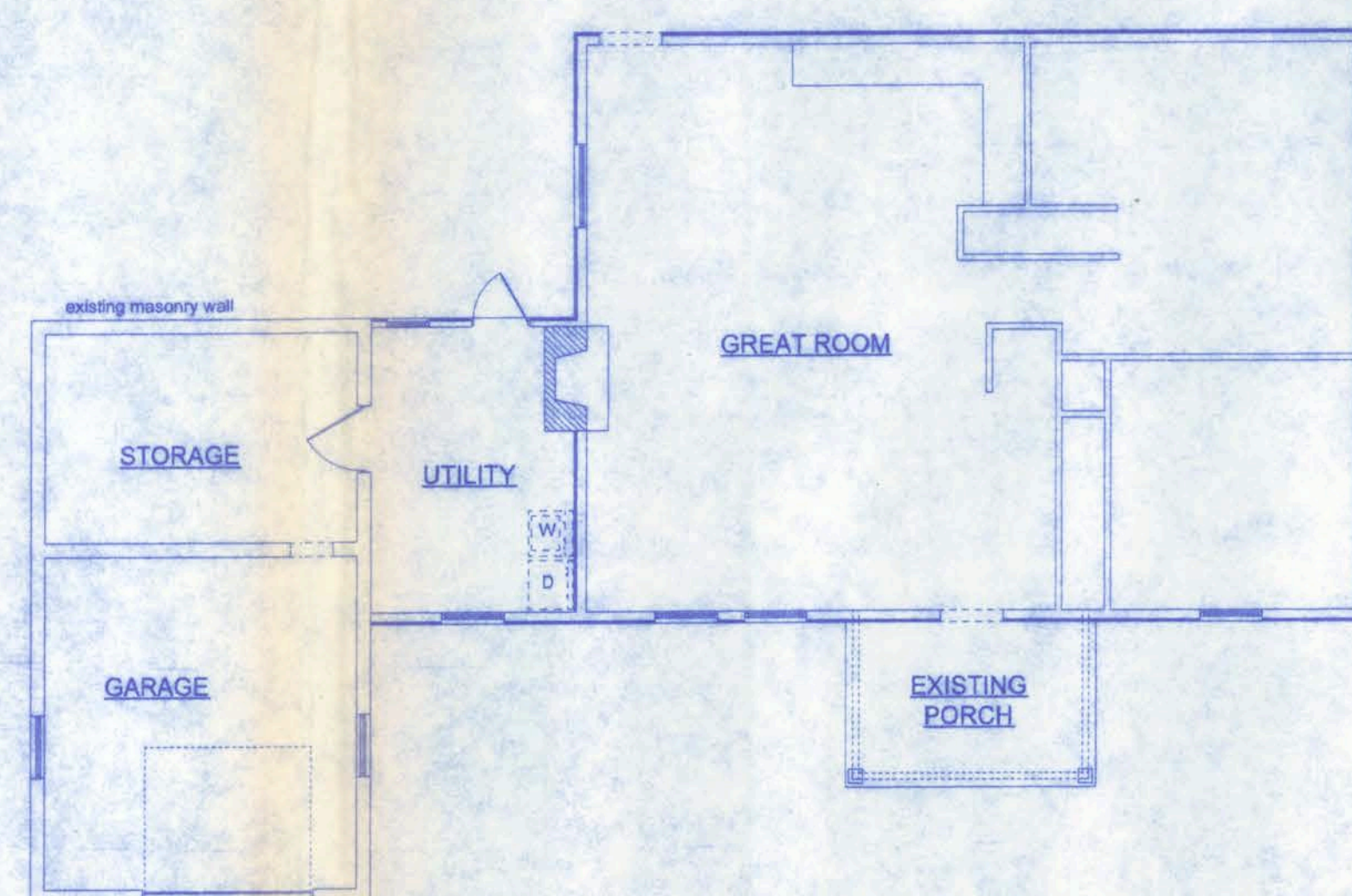
ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE, 2004 EDITION w/2006 REVISIONS, AND IN ACCORDANCE WITH ASCE-7

BASIC WIND SPEED	110 MPH
IMPORTANCE FACTOR	1.0
BUILDING CATEGORY	2
EXPOSURE	B
INTERNAL PRESSURE COEFFICIENT	+/- 0.18
COMPONENT AND CLADDING PRESSURE	WALLS +21.8/-29.1 PSF ROOF +12.5/-29.1 PSF OVERHANGS -71.6 PSF
TYPE OF STRUCTURE	ENCLOSED
ROOF DEAD LOAD	10 psf
ROOF LIVE LOAD	20 psf
FLOOR DEAD LOAD	20 psf
FLOOR LIVE LOAD	40 psf



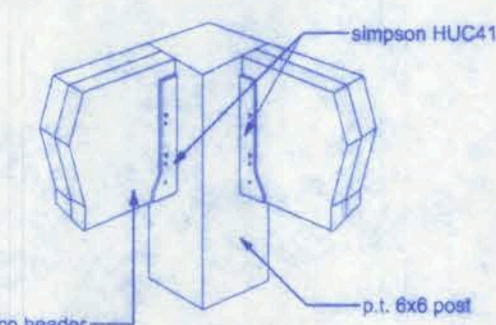
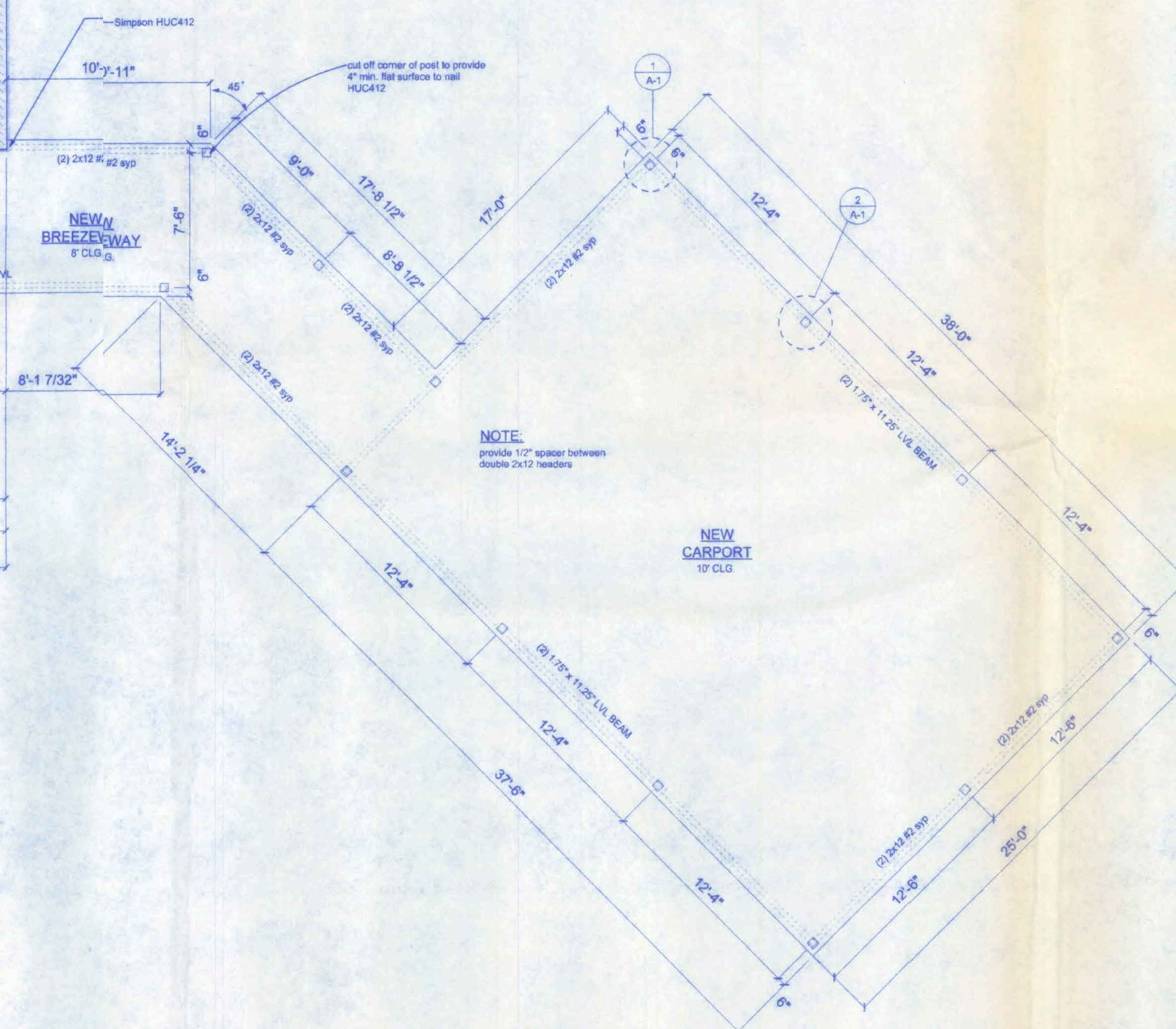
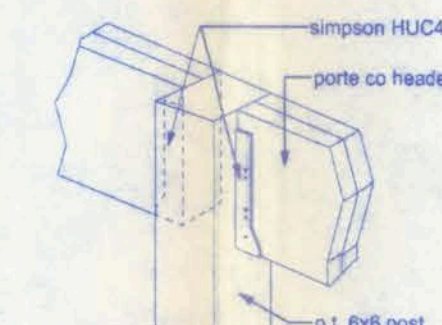
FLOOR PLAN

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



EXISTING FLOOR PLAN

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

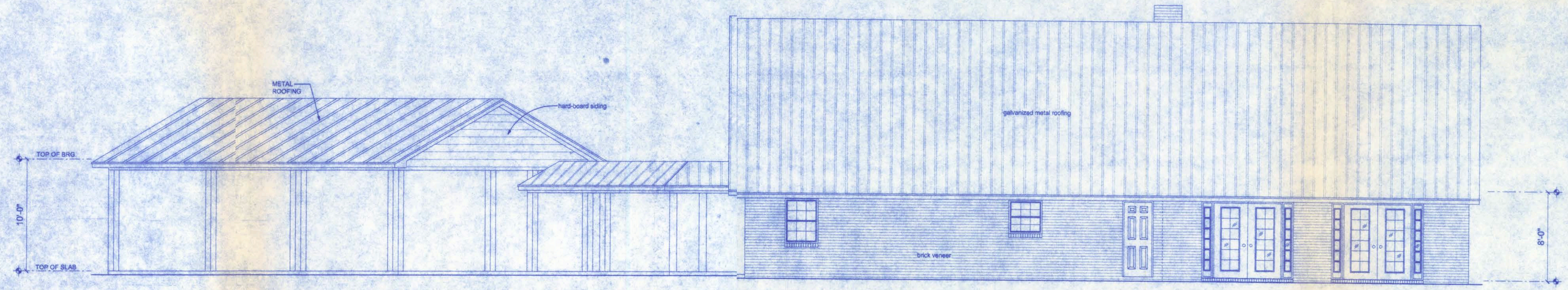
1 BEAM CONNECTION
@ CORNER POST2 BEAM CONNECTION
@ IN LINE POST



NTE:
 T1 RIDGE HEIGHT IS GIVEN FOR MEAN ROOF
 VENT DETERMINATION ONLY. DO NOT USE
 ITS DIMENSION FOR ROOF CONSTRUCTION.

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

N/E VENTILATE NEW ROOF TO 1/600TH THE INSULATED ATTIC
 (3 SF / 300 = 1.313 SF * 144 SQ. IN. / SF = 189.072 SQ. IN.)

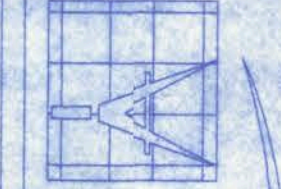


REAR ELEVATION
 SCALE: 3/16" = 1'-0"

Walter H. Freeman
 2/1/08
 P.E. # 56801

**SPELL RESIDENCE
 ADDITION**

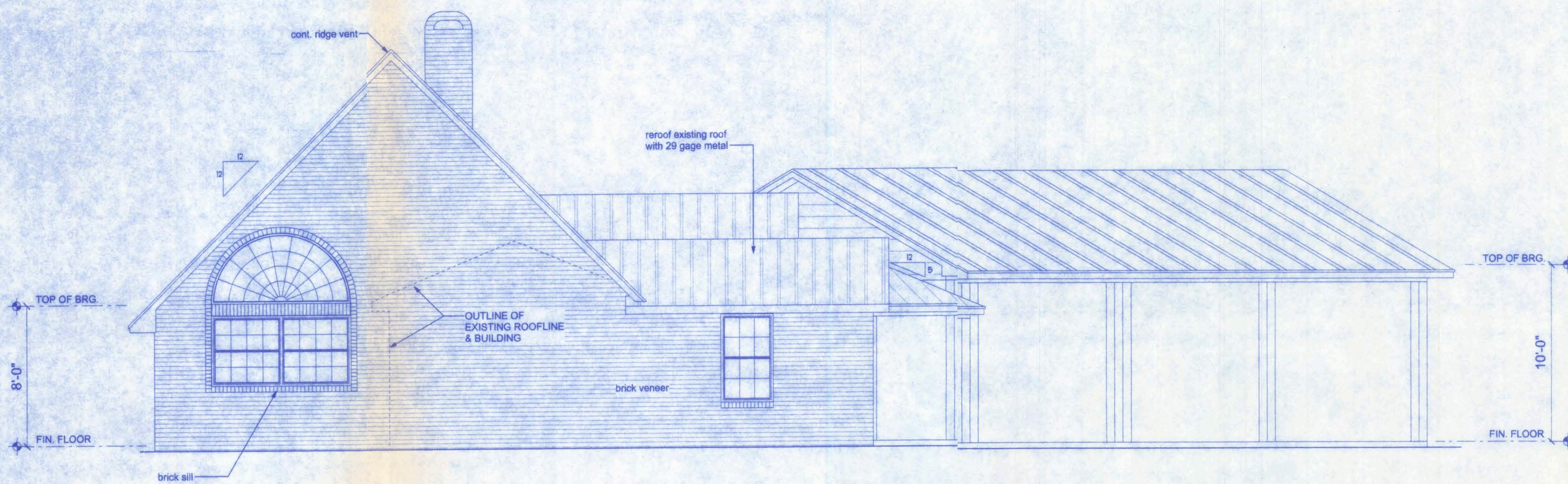
161 N.W. MADISON STREET
 SUITE #102
 LAKE CITY, FL 32055
 (386) 758-4209



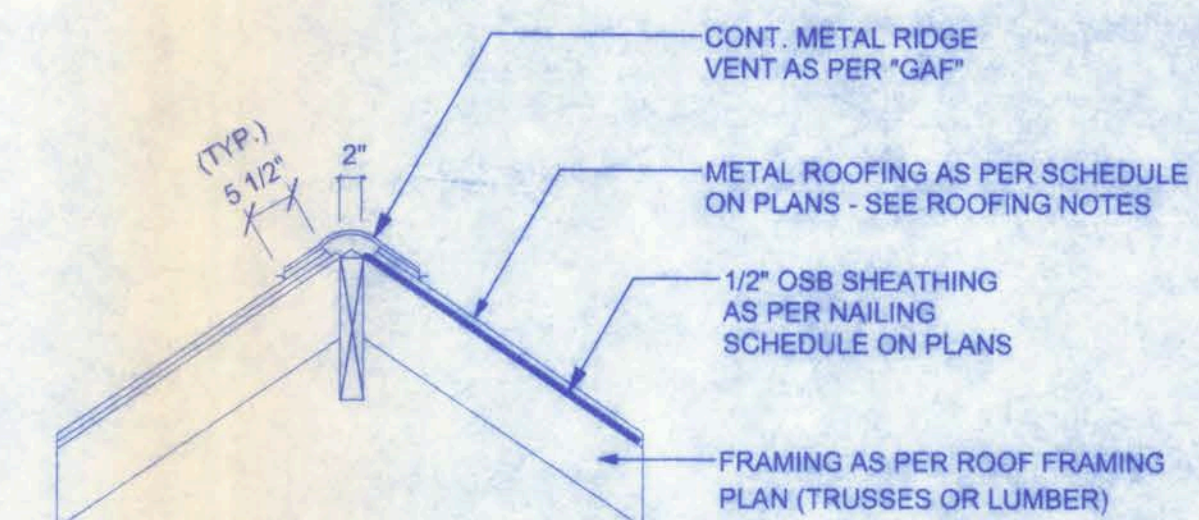
Freeman
 Design Group, Inc.

CERTIFICATE OF AUTHORIZATION # 00008701

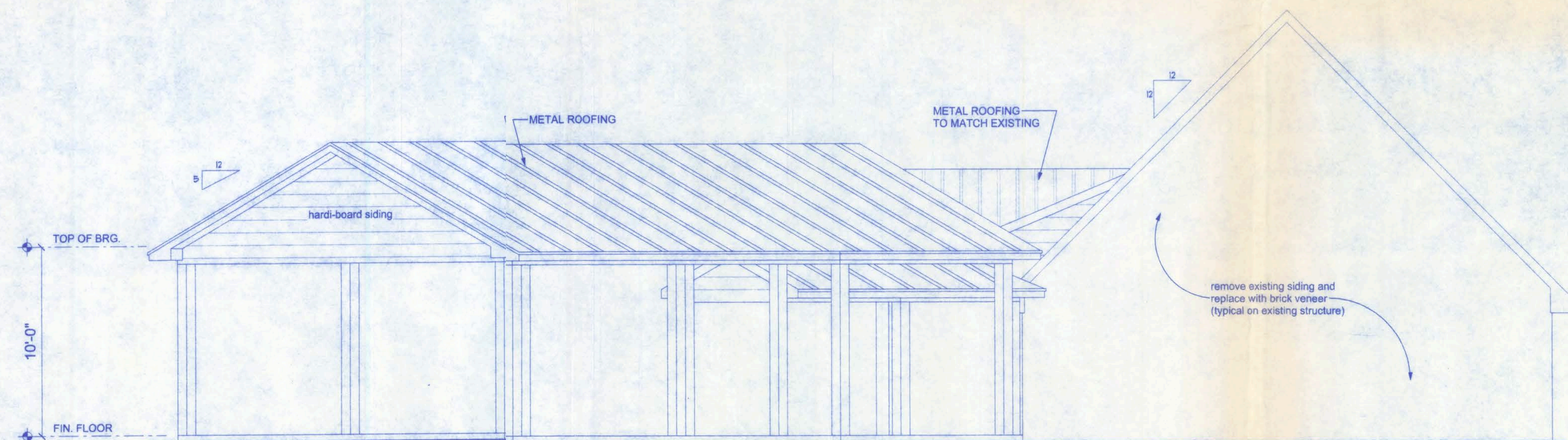
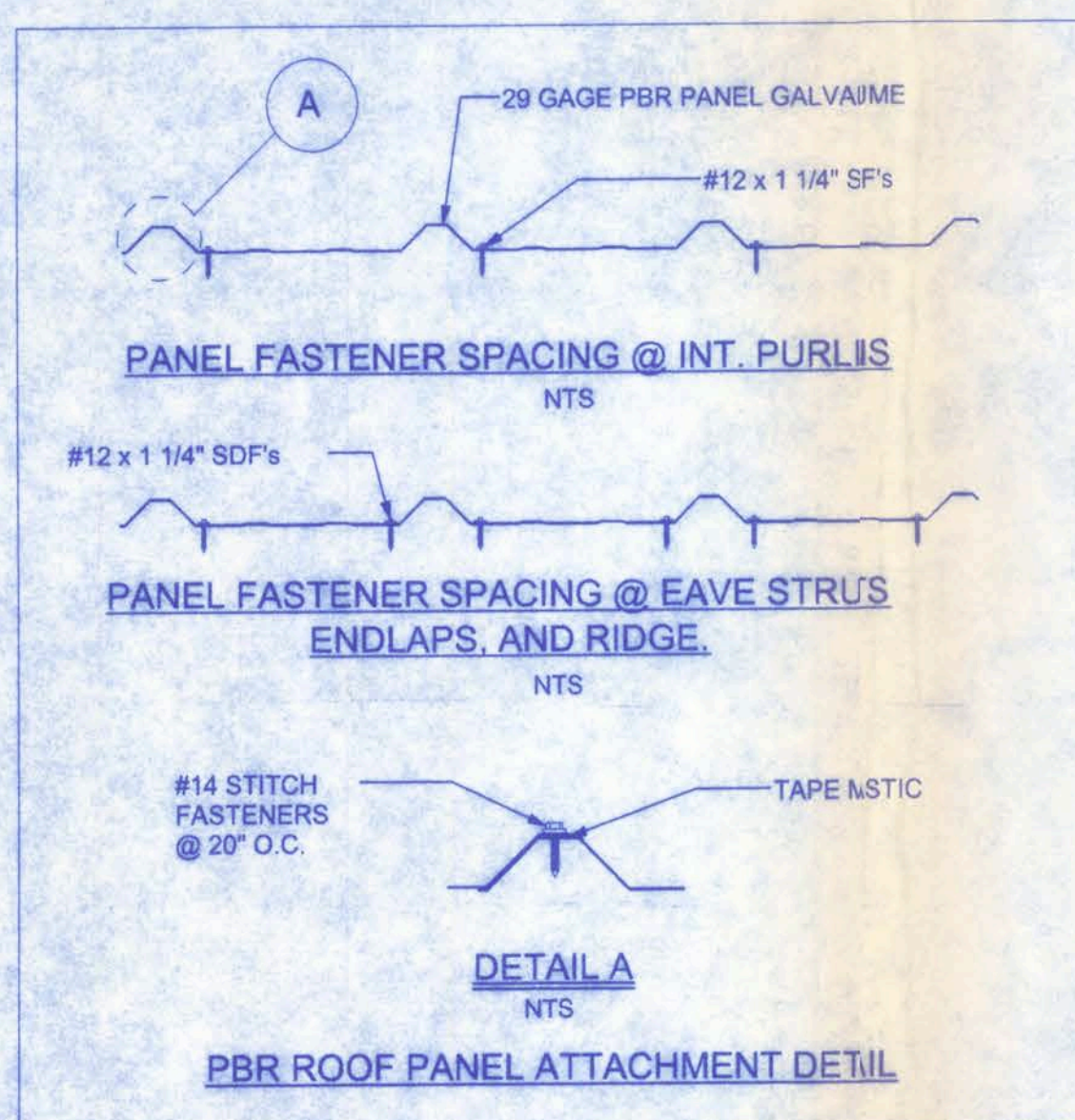
DATE 1/23/08	DRAWN BY J.T.D.
	APPROVED W.H.F.
REVISIONS	
SHEET A-2	
OF 7	
PROJECT NO. 08.0004	



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



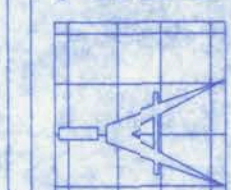
RIDGE VENT DETAIL



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

**SPELL RESIDENCE
ADDITION**

161 N.W. MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386) 758-4209

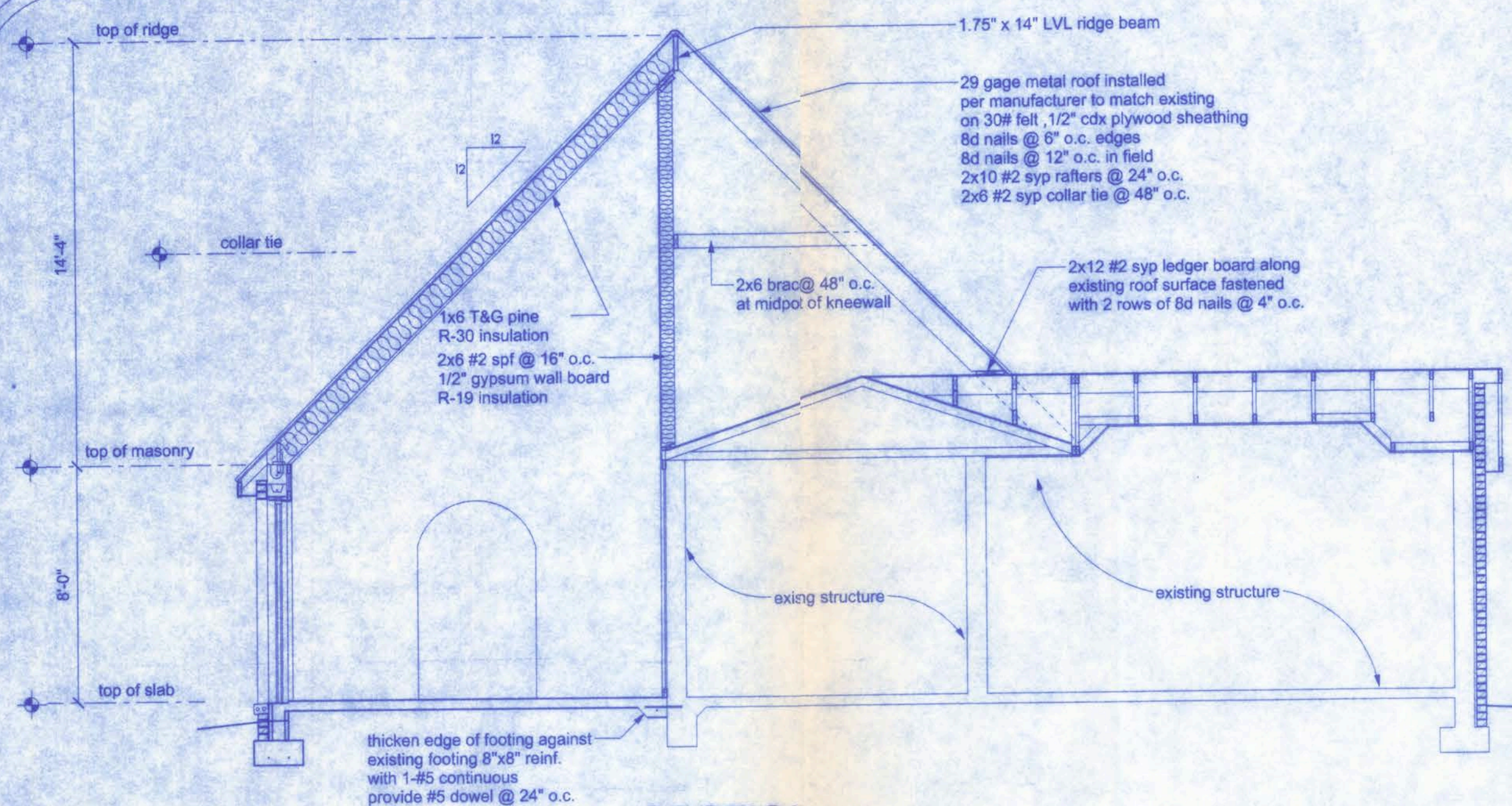


Freeman
Design Group, Inc.

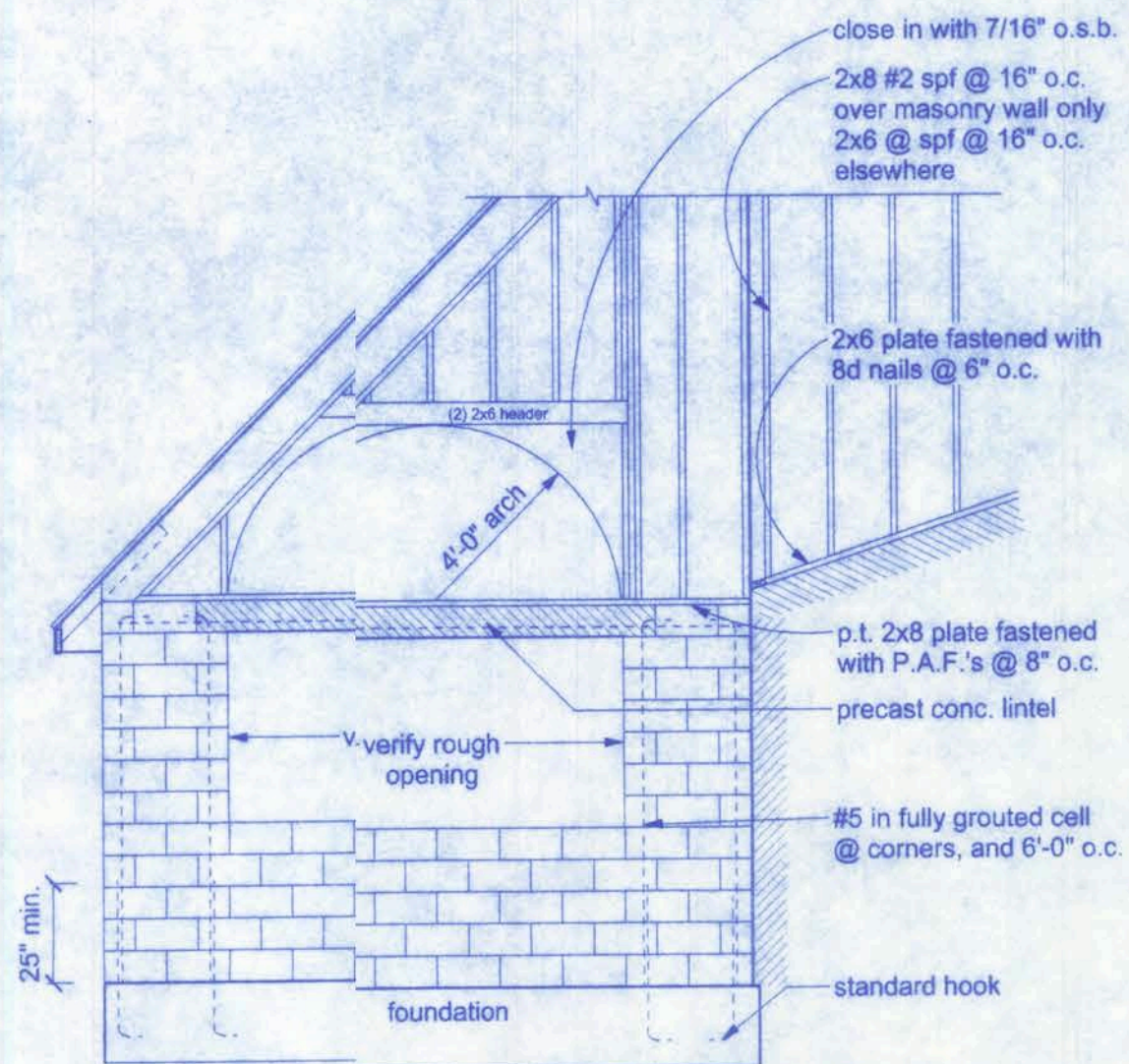
CERTIFICATE OF AUTHORIZATION # 000089701

DATE 1/23/01	DRAWN BY J.T.D.
	APPROVED W.H.F.
REVISIONS	
SHEET OF	A-3 7
PROJECT NO. 08.R004	

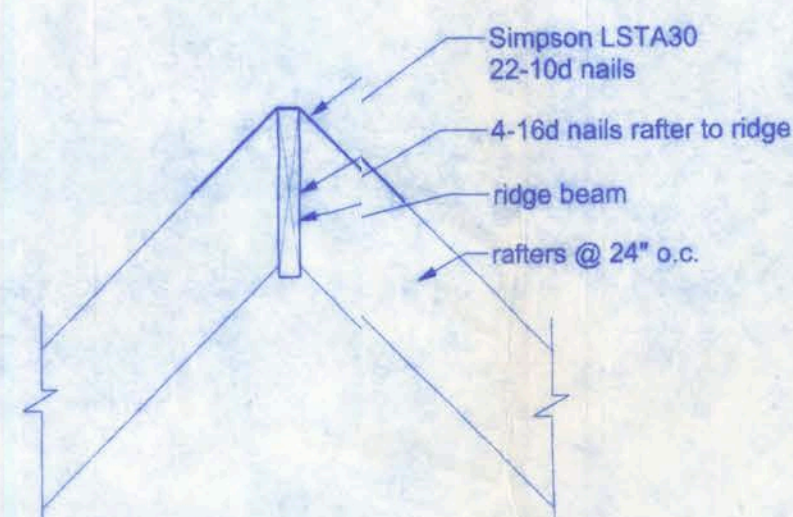
DATE 1/2/08	DRAWN J.T.D.
	APPROVED W.H.F.
REVISIONS	
SHEET	A-4
OF	7
PROJECT NO. 08.R004	



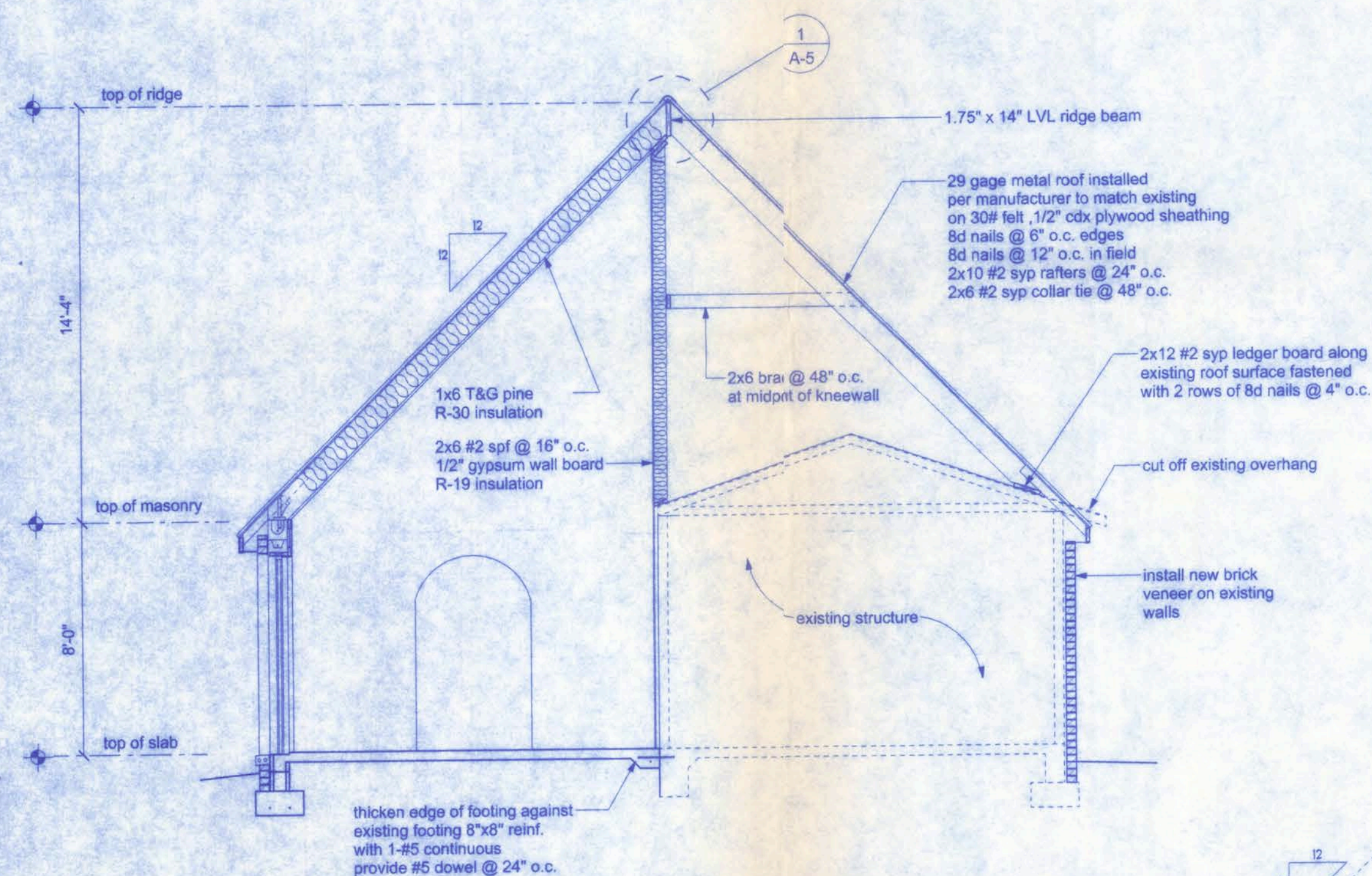
SECTION A
SCALE: 1/4" = 1'-0"



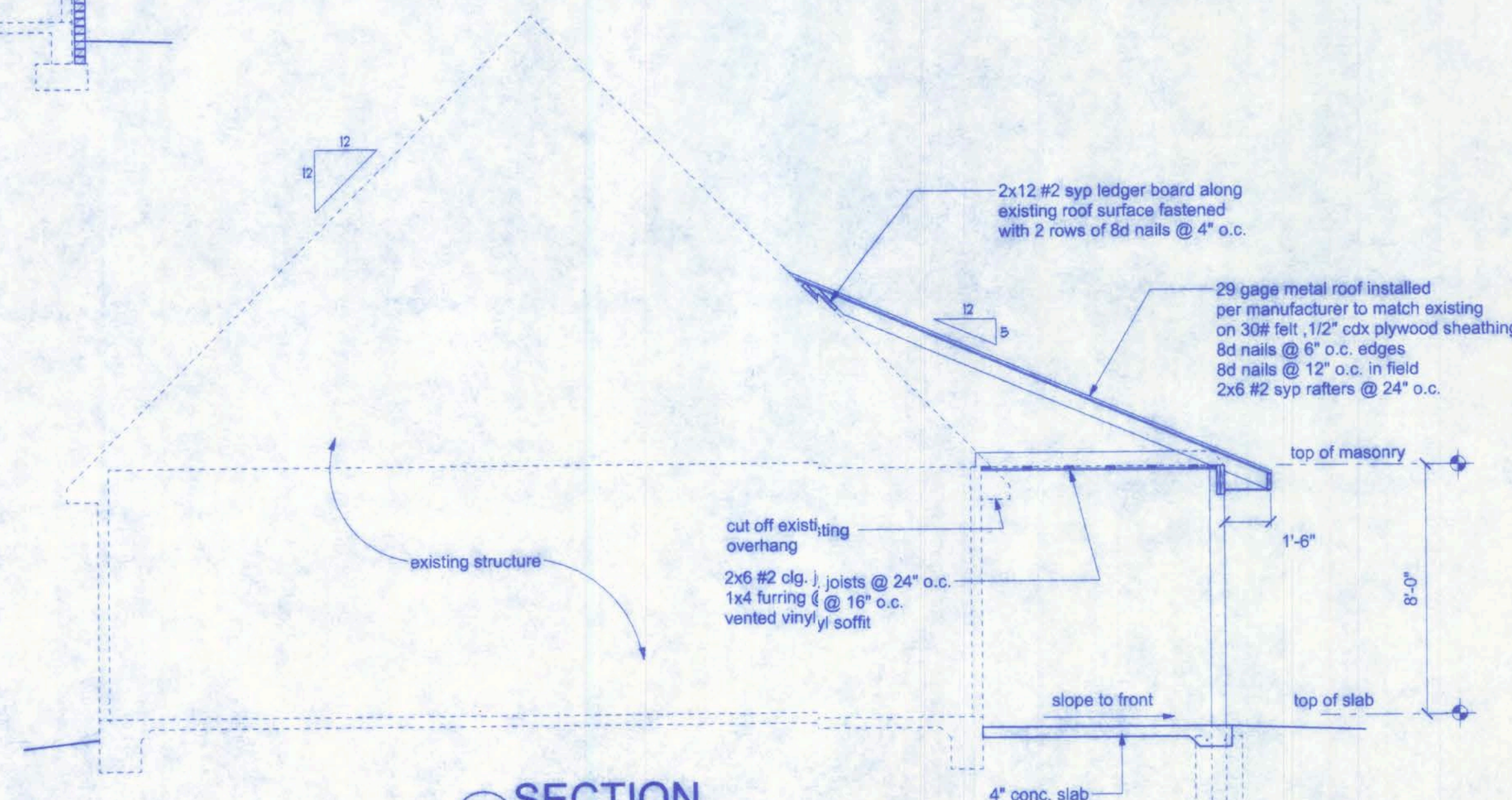
GABLE END WALL
SCALE: 1/4" = 1'-0"



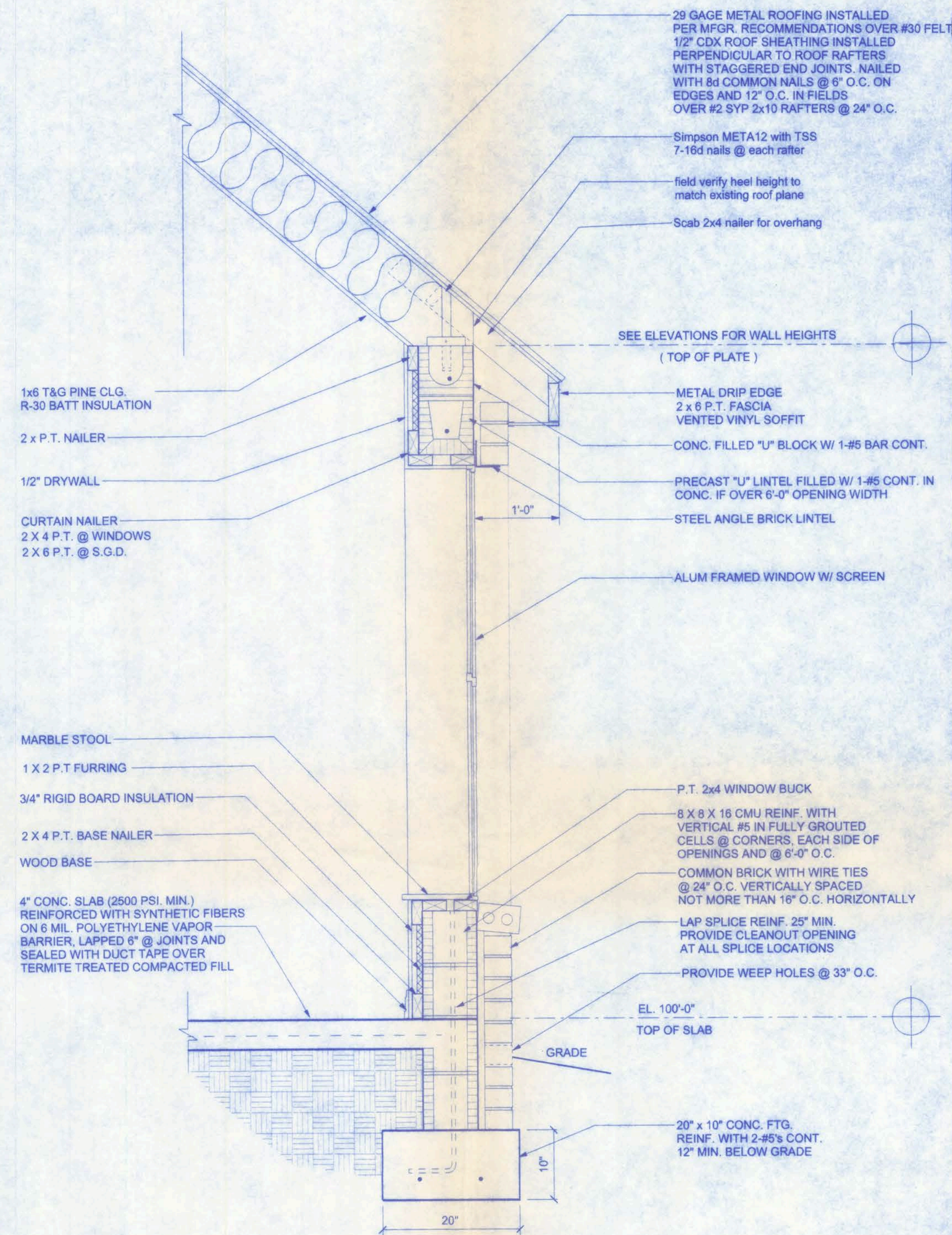
1 RIDGE DETAIL
SCALE: 1/4" = 1'-0"



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



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



TYPICAL WALL SECTION
1" = 1'-0"

SPELL RESIDENCE ADDITION

161 N.W. MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386)758-4209

CERTIFICATE OF AUTHORIZATION # 00008701

Freeman
Design Group INC.

DATE
1/23/08

DRAWN BY
J.T.D.

APPROVED
W.H.F.

REVISIONS

SHEET A-3

OF 7

PROJECT NO.
08.000

2/1/07
P.E. # 55001

W.H. H. Law
2/1/03
P.E. # 85001

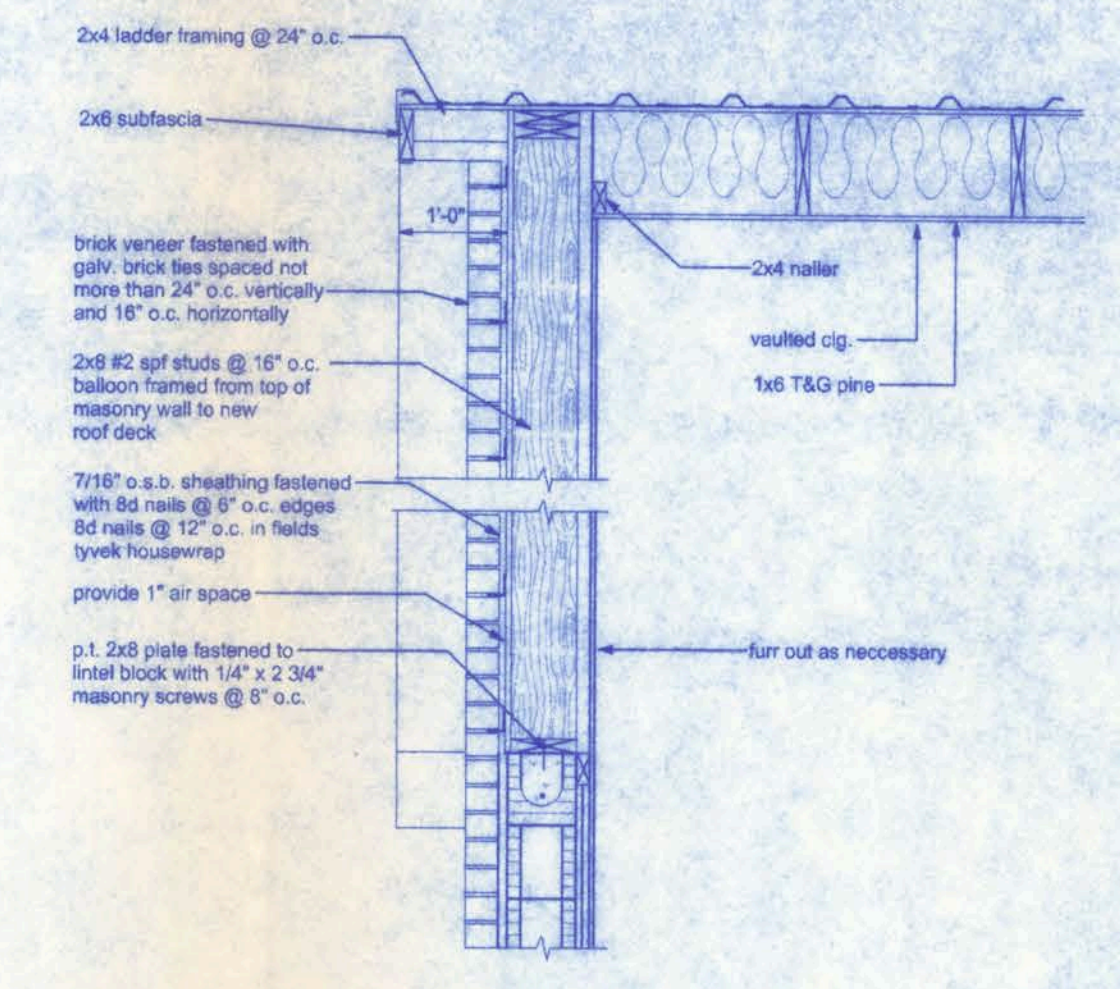
SPELL RESIDENCE ADDITION

161 N.W. MADISON STREET
SUITE #102
LAKE CITY, FL 32050
(386) 758-4209

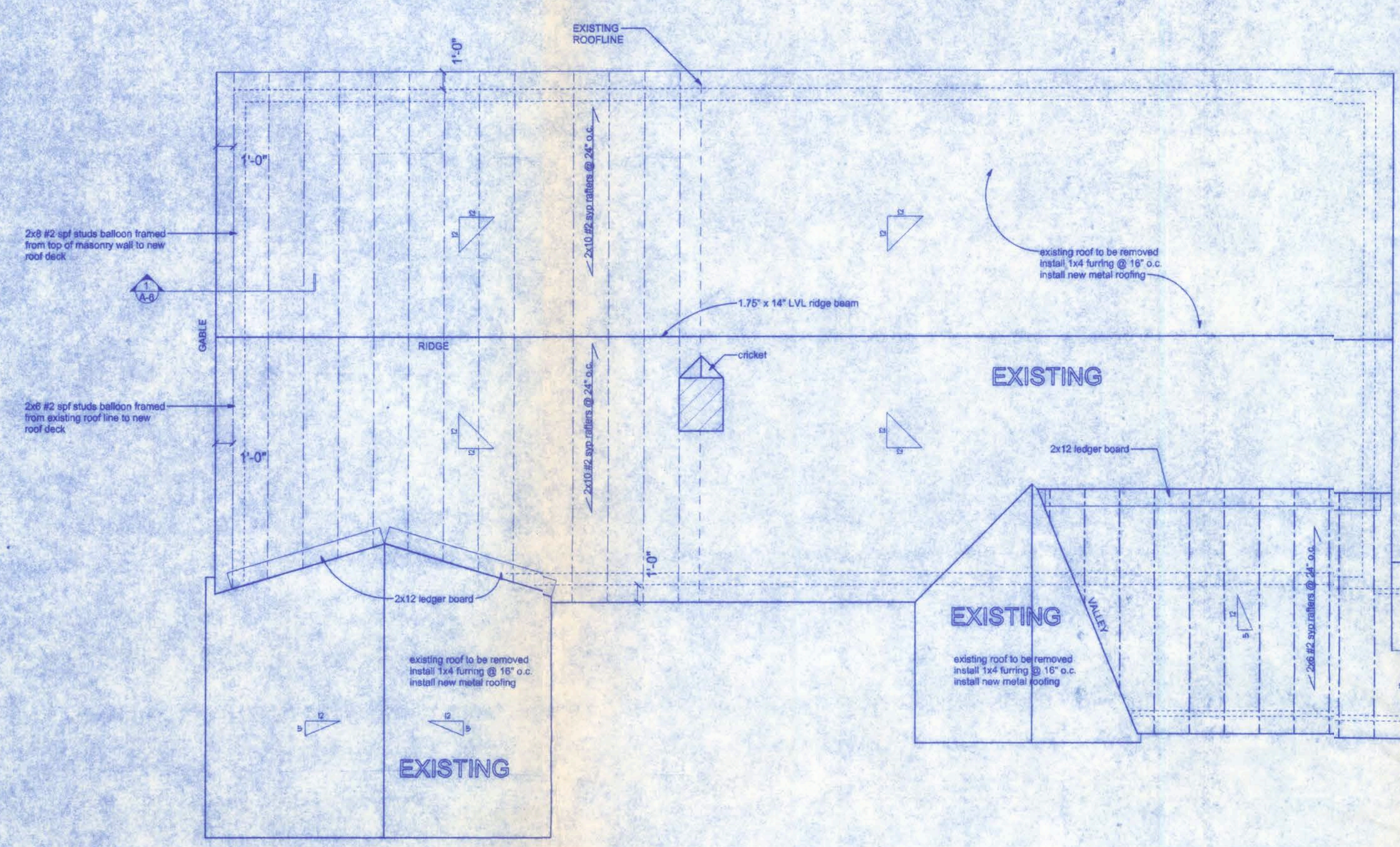


DATE 1/23/08
DRAWN BY J.T.D.
APPROVED W.H.F.
REVISIONS
SHEET A-6
OF 7
PROJECT NO. 03004

CERTIFICATE OF AUTHORIZATION # 00008701



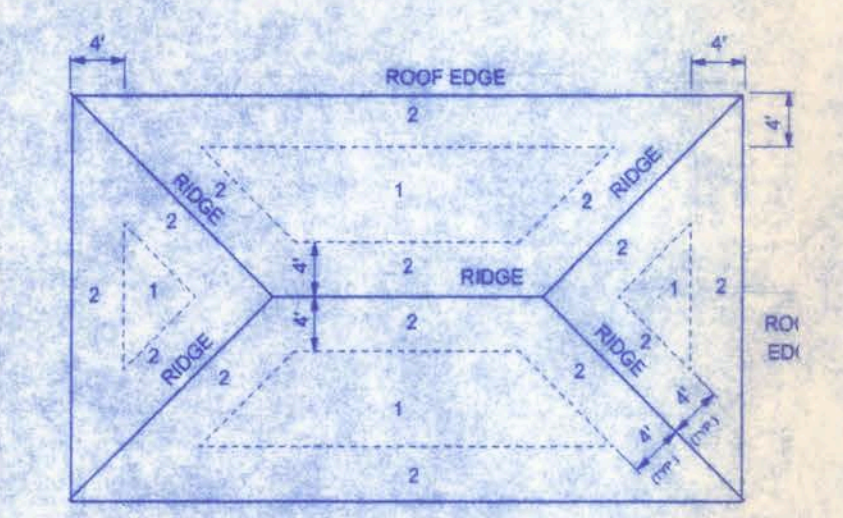
1 GABLE FRAMING
NTS



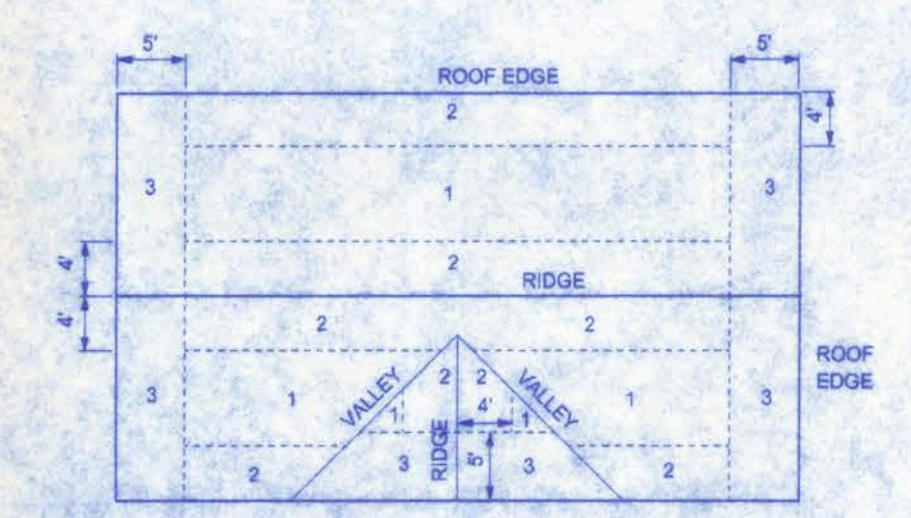
ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

CONNECTOR	TRUSS	TOP PLATE	UPLIFT PROVIDED	MANUFACTURER
H2.5	5-8d NAILS	5-8d NAILS	385 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
2xH16S20	10-10d NAILS	10-10d NAILS	2 x 1,450 = 2,900 LBS	SIMPSON

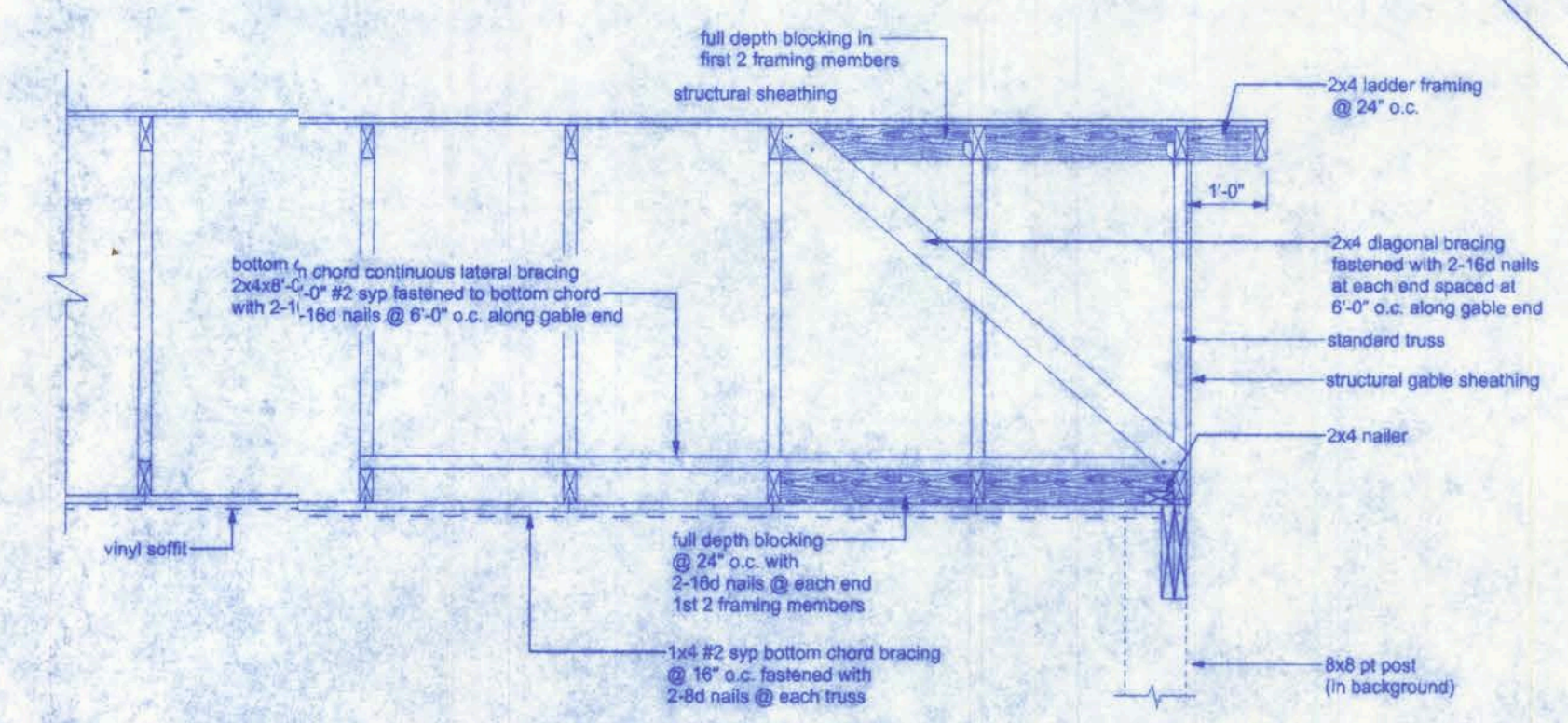
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/2 CDX	8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	8 in. o.c. EDGE
2			12 in. o.c. FIELD
3			6 in. o.c. EDGE
			8 in. o.c. FIELD
			4 in. o.c. @ GABLE ENDWALL OR CABLE TRUSS
			6 in. o.c. EDGE
			6 in. o.c. FIELD



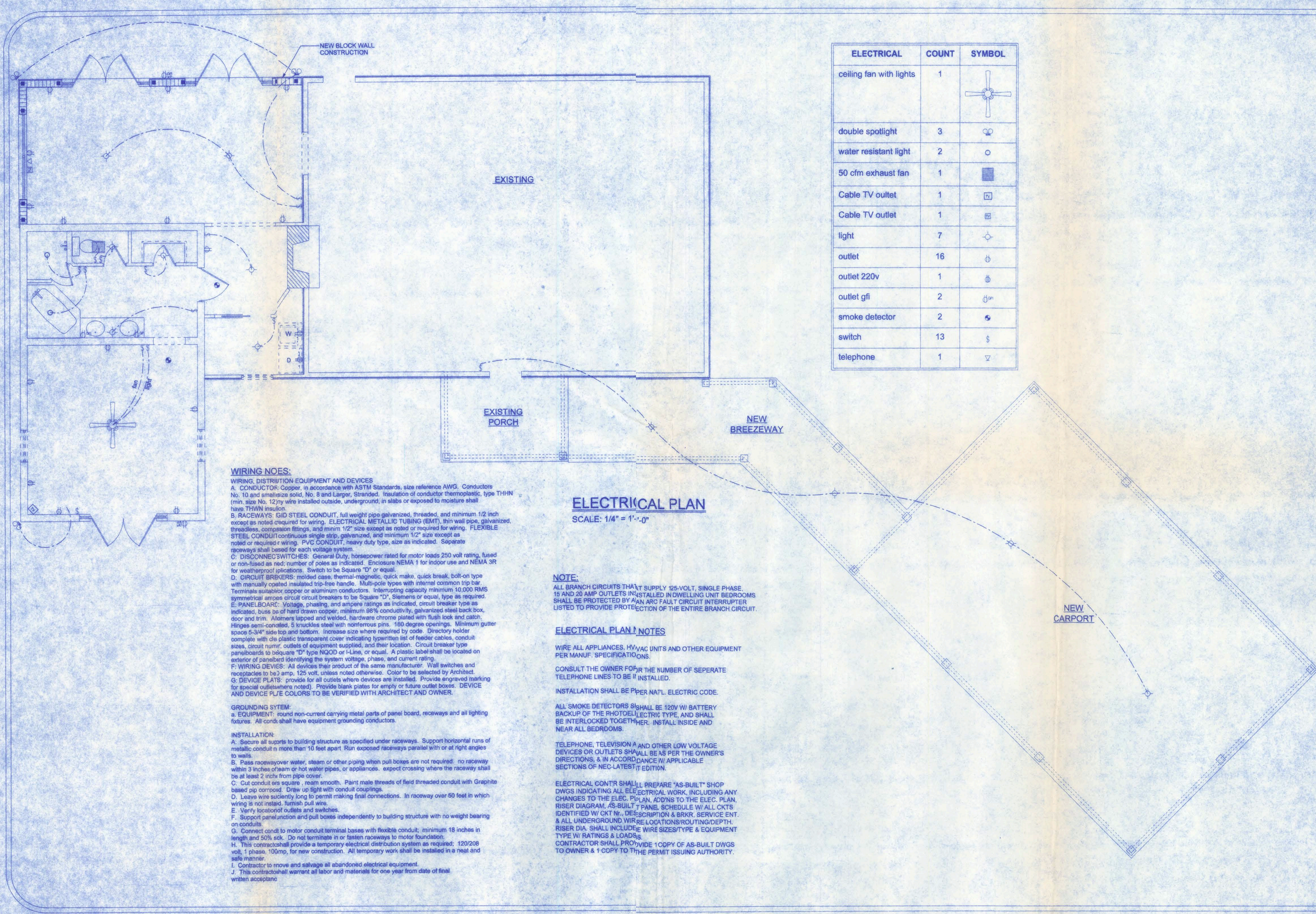
ROOF SHEATHING NAILING ZONES
(HIP ROOF)



ROOF SHEATHING NAILING ZONES
(GABLE ROOF)



END WALL BRACING FOR CEILING DIAPHRAGM
NTS
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE



ELECTRICAL	COUNT	SYMBOL
ceiling fan with lights	1	
double spotlight	3	
water resistant light	2	
50 cfm exhaust fan	1	
Cable TV outlet	1	
Cable TV outlet	1	
light	7	
outlet	16	
outlet 220v	1	
outlet gfi	2	
smoke detector	2	
switch	13	
telephone	1	

WIRING NOTES:
WIRING, DISTRIBUTION EQUIPMENT AND DEVICES
A. CONDUCTOR: Copper, in accordance with ASTM Standards, size reference AWG. Conductors No. 10 and smaller size solid, No. 8 and Larger, Stranded. Insulation of conductor thermoplastic, type THHN (min. size No. 12)ny wire installed outside, underground, in slabs or exposed to moisture shall have THWN insulation.
B. RACEWAYS: RIGID STEEL CONDUIT, full weight pipe galvanized, threaded, and minimum 1/2 inch except as noted or required for wiring. ELECTRICAL METALLIC TUBING (EMT), thin wall pipe, galvanized, threadless, compression fittings, and minimum 1/2" size except as noted or required for wiring. FLEXIBLE STEEL CONDUIT continuous single strip, galvanized, and minimum 1/2" size except as noted or required for wiring. PVC CONDUIT, heavy duty type, size as indicated. Separate raceways shall be used for each voltage system.
C. DISCONNECT SWITCHES: General Duty, horsepower rated for motor loads 250 volt rating, fused or non-fused as noted; number of poles as indicated. Enclosure NEMA 1 for indoor use and NEMA 3R for weatherproof applications. Switch to be Square "D" or equal.
D. CIRCUIT BREAKERS: molded case, thermal-magnetic, quick make, quick break, bolt-on type with manually operated insulated trip-free handle. Multi-pole types with internal common trip bar. Terminals suitable for copper or aluminum conductors. Interrupting capacity minimum 10,000 RMS symmetrical amperes circuit circuit breakers to be Square "D", Siemens or equal, type as required.
E. PANELBOARD: Voltage, phasing, and ampere ratings as indicated, circuit breaker type as indicated, bus bar of hard drawn copper, minimum 98% conductivity, galvanized steel back box, door and trim. All wires lapped and welded, hardware chrome plated with flush look and catch. Hinges semi-conated, 5 knuckles steel with nonferrous pins, 180 degree openings. Minimum gutter space 5-3/4" side top and bottom. Increase size where required by code. Directory holder complete with clear plastic transparent cover indicating typewritten list of feeder cables, conduit sizes, circuit number, outlets of equipment supplied, and their location. Circuit breaker type panelboards to be Square "D" type NQOD or I-Line, or equal. A plastic label shall be located on exterior of panelboard identifying the system voltage, phase, and current rating.
F. WIRING DEVICES: All devices their product of the same manufacturer. Wall switches and receptacles to be 3 amp, 125 volt, unless noted otherwise. Color to be selected by Architect.
G. DEVICE PLATES: provide for all outlets where devices are installed. Provide engraved marking for special outlets where noted. Provide blank plates for empty or future outlet boxes. DEVICE AND DEVICE PLATE COLORS TO BE VERIFIED WITH ARCHITECT AND OWNER.

GROUNDING SYSTEM:
a. EQUIPMENT: round non-current carrying metal parts of panel board, raceways and all lighting fixtures. All conductors shall have equipment grounding conductors.

INSTALLATION:
A. Secure all supports to building structure as specified under raceways. Support horizontal runs of metallic conduit no more than 10 feet apart. Run exposed raceways parallel with or at right angles to walls.
B. Pass raceway over water, steam or other piping when pull boxes are not required. no raceway within 3 inches of steam or hot water pipes, or appliances. expect crossing where the raceway shall be at least 2 inches from pipe cover.
C. Cut conduit ends square, ream smooth. Paint male threads of field threaded conduit with Graphite based pig compound. Draw up tight with conduit couplings.
D. Leave wire sufficiently long to permit making final connections. In raceway over 50 feet in which wiring is not installed, furnish pull wire.
E. Verify location of outlets and switches.
F. Support panel and pull boxes independently to building structure with no weight bearing on conduits.
G. Connect conduit to motor conduit terminal bases with flexible conduit, minimum 18 inches in length and 50% slack. Do not terminate in or fasten raceways to motor foundation.
H. This contract shall provide a temporary electrical distribution system as required; 120/208 volt, 1 phase, 100 amp, for new construction. All temporary work shall be installed in a neat and safe manner.
I. Contractor to remove and salvage all abandoned electrical equipment.
J. This contract shall warrant all labor and materials for one year from date of final written acceptance.

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

NOTE:
ALL BRANCH CIRCUITS THAT SUPPLY 125-VOLT, SINGLE PHASE, 15 AND 20 AMP OUTLETS INSTALLED IN DWELLING UNIT BEDROOMS SHALL BE PROTECTED BY AN ARC FAULT CIRCUIT INTERRUPTER LISTED TO PROVIDE PROTECTION OF THE ENTIRE BRANCH CIRCUIT.

ELECTRICAL PLAN NOTES

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

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

INSTALLATION SHALL BE PER NATIONAL 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 CONTRACTOR SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADD'NS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL, SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT No., 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.

161 N.W. MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386) 58-4209

CERTIFICATE OF AUTHORIZATION # 00003701

Freeman
Design Group, Inc.

DATE
1/23/01

DRAWN BY
J.T.D.

APPROVED
W.H.F.

REVISIONS

SHEET
A-7

OF
7

PROJECT NO.
38.R004

W.H.F. 2/1/01
P.E. # 66001

**SPELL RESIDENCE
ADDITION**