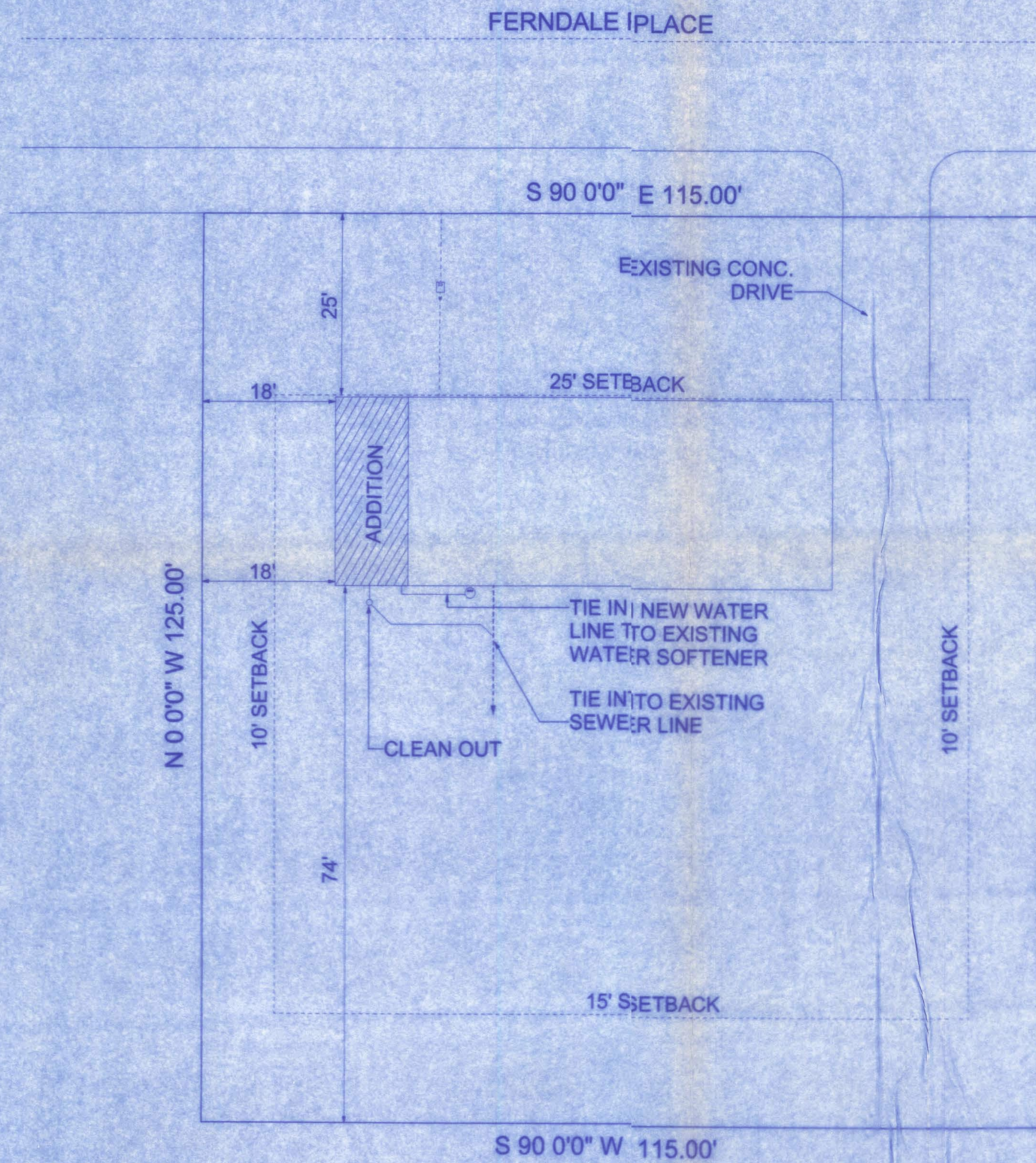




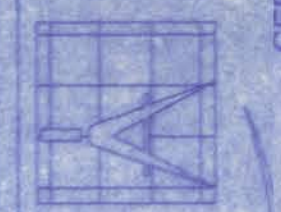
DESCRIPTION:
TAX ID ; # 08540-152

SITE PLAN
SCALE: 1"=10'-0"

W.H. Hsu
12/2/06

DAVE SHULL RESIDENCE

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



Freeman
Design Group

CERTIFICATE OF AUTHORIZATION # 00008701

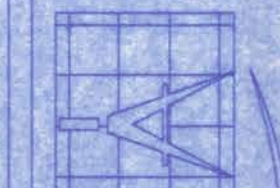
DATE	DRAWN BY
10/20/06	W.H.F.
REVISIONS	
SHEET	SP-1
OF	1
PROJECT NO	
06.R063	

FILE COPY

5/20/14
revise

DAVE SHULL RESIDENCE

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386) 758-4209
CERTIFICATE OF AUTHORIZATION #00008001



Freeman
Design Group Inc.

DATE 10/24/06
DRAWN BY V.H.P.

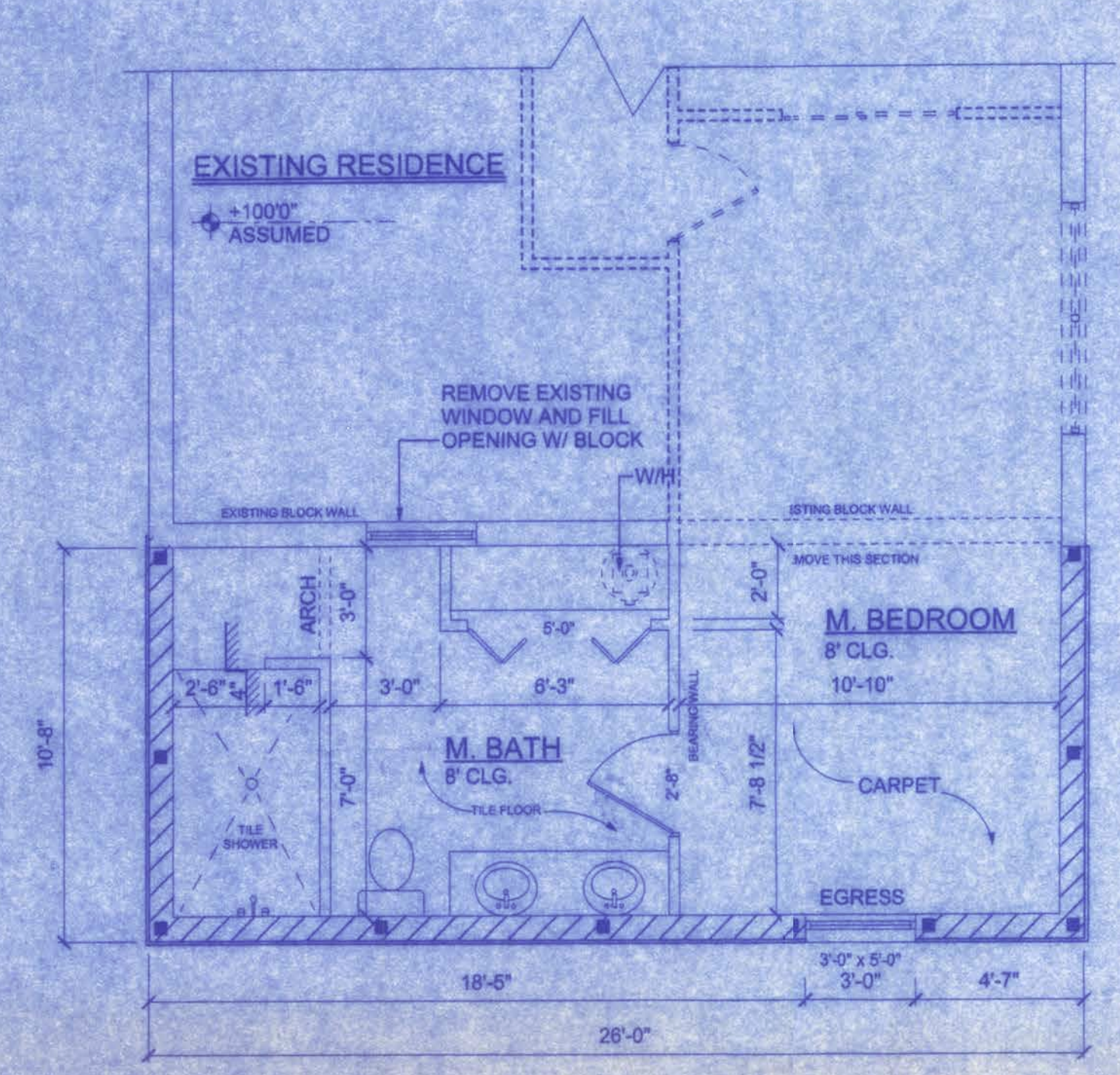
REVISIONS

SHEET A-1

OF 5

PROJECT NO.
06.R063

NOTE:
REPLACE EXISTING WINDOWS
W/ DBL PANE INSULATED GLASS.
■ = FILL CELLS @ 8" O.C. AND
ALL CORNERS AND BOTH
SIDES OF OPENINGS



FLOOR PLAN

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

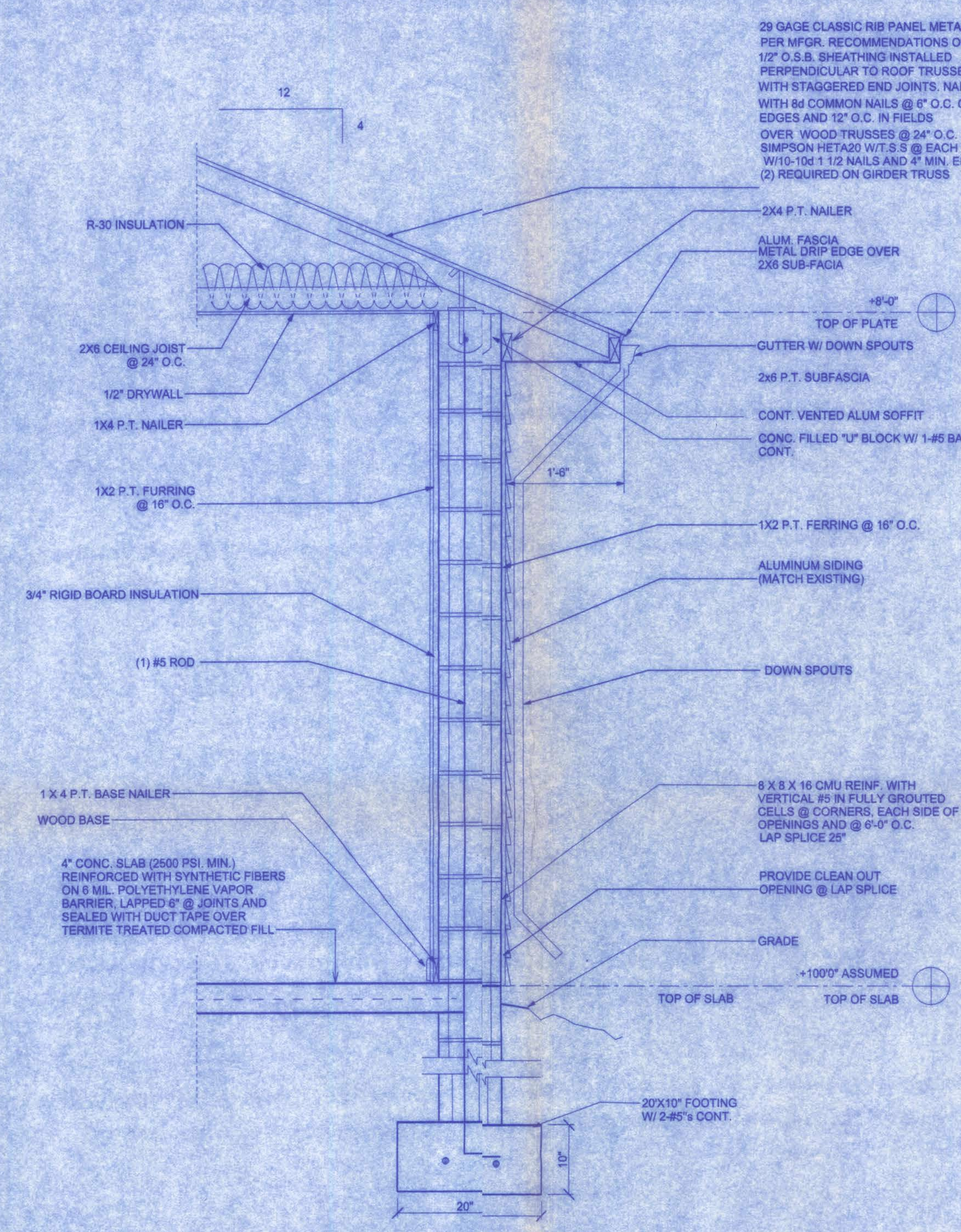
NAME	AREA
ADDITION	295 sq. ft.

PRODUCT CODE	SIZE	COUNT
60X80 BIFOLD PLAIN	5'-0"	1
2868	2'-8"	1
SH 3050	3'-0" x 5'-0"	1

NOTE:
EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY
AN APPROVED INDEPENDENT TESTING LABORATORY, AND BEAR
AN AAMA 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/NWDA 101/IS2 2/97

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.



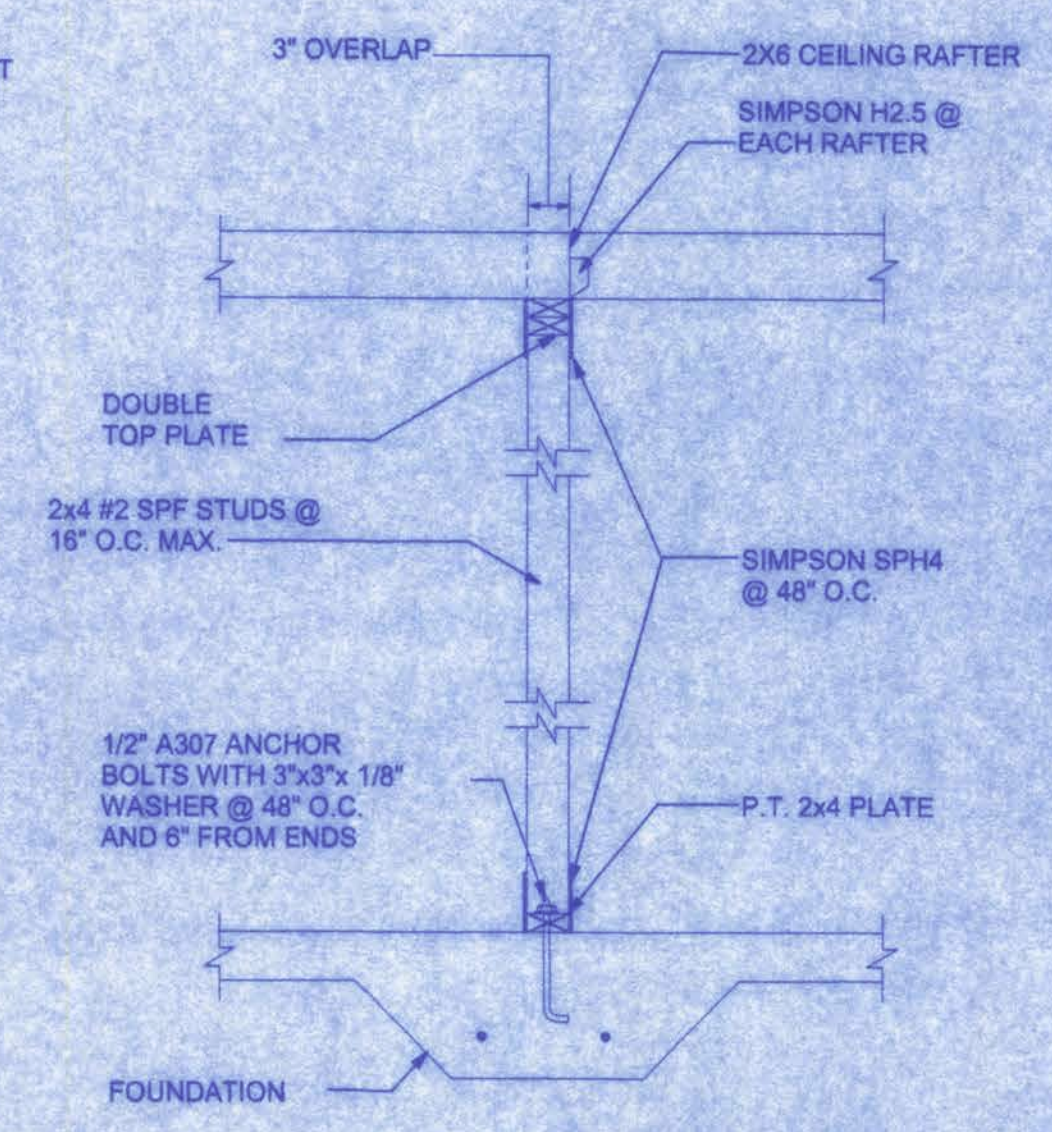
TYPICAL WALL SECTION

SCALE: 1" = 1'-0"

HEADER SPANS FOR INTERIOR BEARING WALLS

	Size	Building Width (ft)					
		20'		28'		36'	
Headers Supporting		Span	# jacks	Span	# jacks	Span	# jacks
Roof, Ceiling	2-2x4	3'-6"	1	3'-2"	1	2'-11 1/2"	1
	2-2x6	5'-5"	1	4'-8"	1	4'-2 1/2"	1
	2-2x8	6'-10"	1	5'-11"	2	5'-4 1/4"	1
	2-2x10	8'-5"	2	7'-3"	2	6'-6 5/8"	2
	2-2x12	9'-9"	2	8'-5"	2	7'-8 1/8"	2
	3-2x8	8'-4"	1	7'-5"	1	6'-8 3/8"	1
	3-2x10	10'-8"	1	9'-1"	2	8'-2 1/2"	1
	3-2x12	12'-2"	2	10'-7"	2	9'-5 5/8"	2
	4-2x8	9'-2"	1	8'-4"	1	9'-2 1/2"	1
	4-2x10	11'-8"	1	10'-6"	1	9'-5 5/8"	1
	4-2x12	14'-1"	1	12'-2"	2	10'-1 1/4"	1

29 GAGE CLASSIC RIB PANEL METAL ROOF INSTALLED
PER MFG. RECOMMENDATIONS OVER #15 FELT
1/2" O.S.B. SHEATHING INSTALLED
PERPENDICULAR TO ROOF TRUSSES
WITH STAGGERED END JOINTS. NAILED
WITH 8d COMMON NAILS @ 6" O.C. ON
EDGES AND 12" O.C. IN FIELDS
OVER WOOD TRUSSES @ 24" O.C.
SIMPSON HETA20 W/T.S.S. @ EACH TRUSS
W/10-10d 1 1/2 NAILS AND 4" MIN. EMBEDMENT
(2) REQUIRED ON GIRDER TRUSS



INTERIOR BRG. WALL DETAIL

NTS

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.

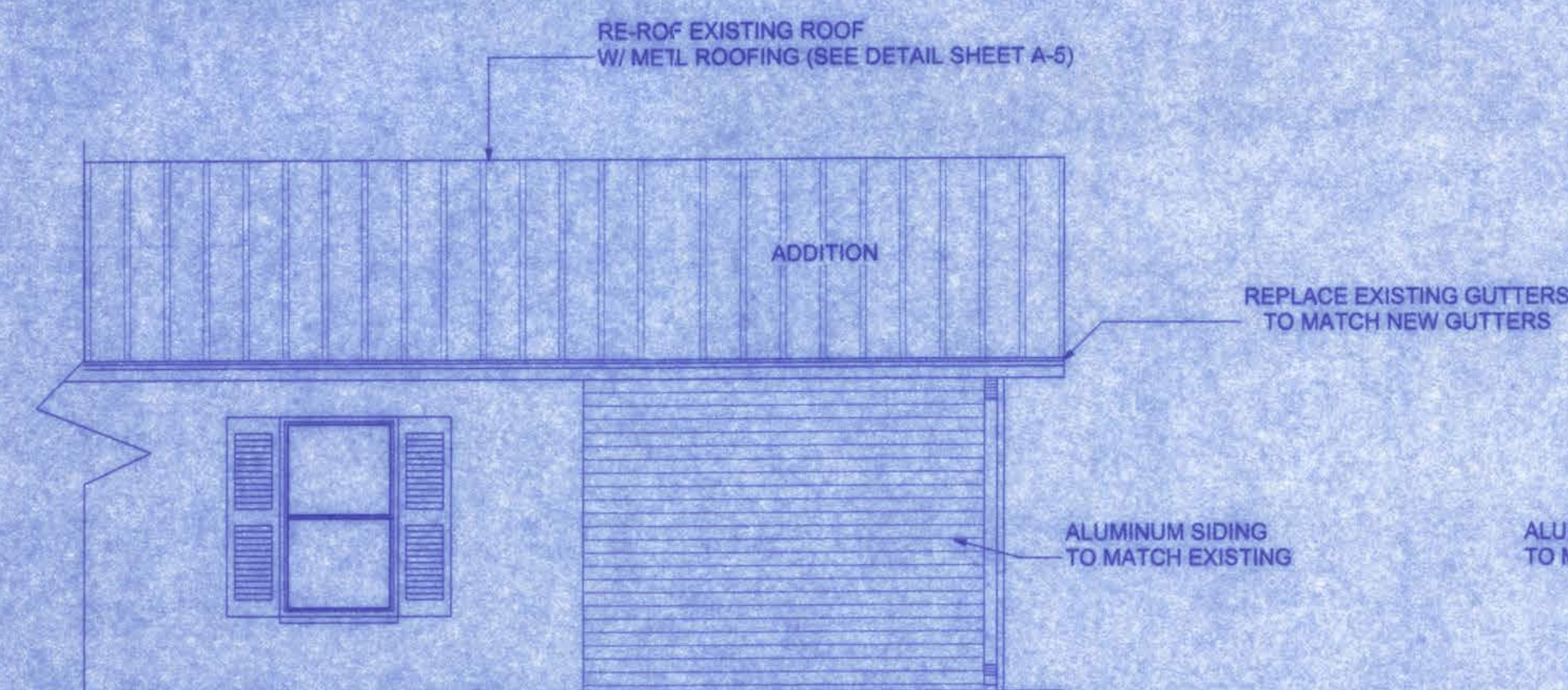
DO NOT SCALE THESE PLANS:

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:

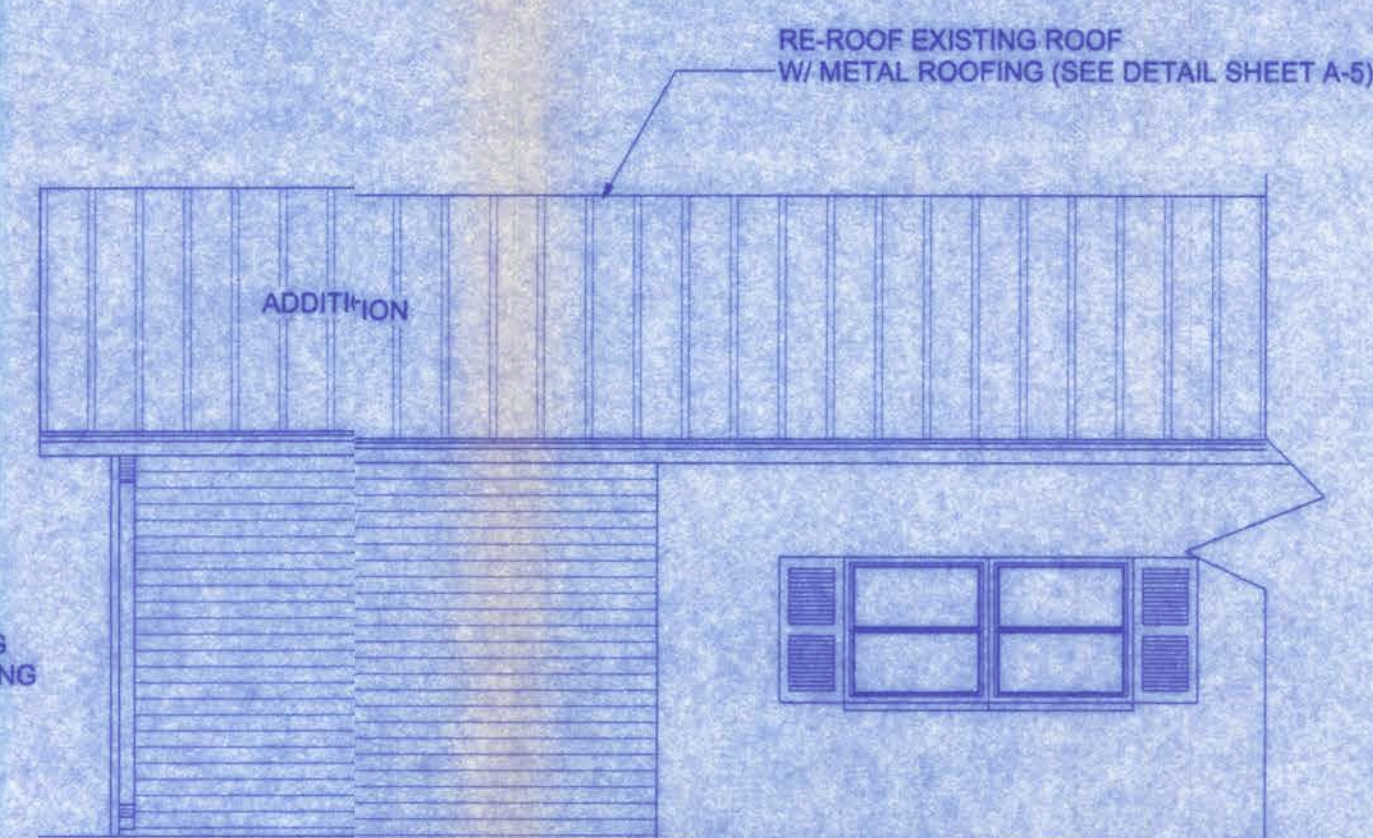
PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THESE PLANS WITHOUT
CONSULTING WITH THE ARCHITECT/ENGINEER. THE OWNER SHALL ASSUME ANY
AND ALL LIABILITY FOR STRUCTURAL DAMAGE RESULTING FROM CHANGES MADE
TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM
SPECIFICATIONS ON THE PLANS.

10/24/06



FRONT ELEVATION

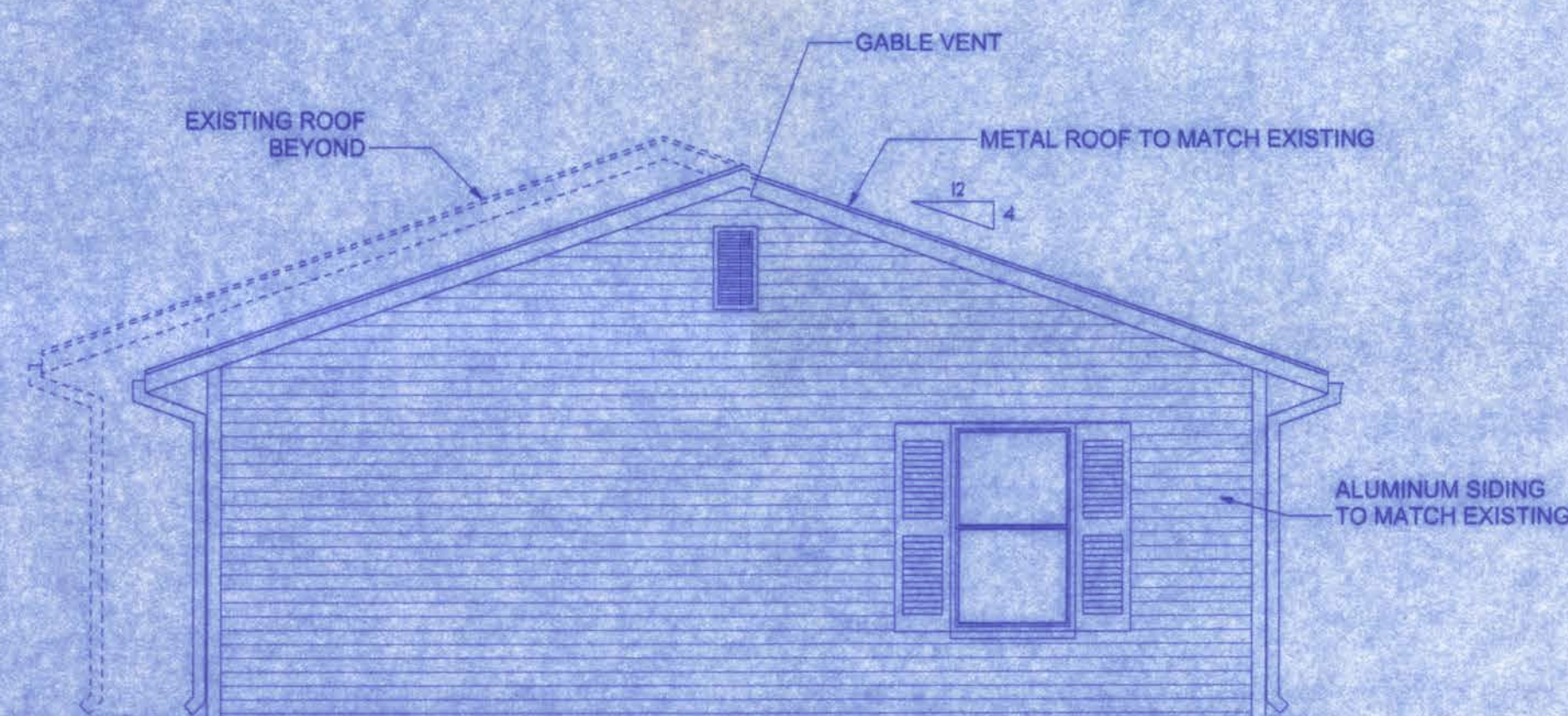
SCALE: 1/4"=1'0"



REAR ELEVATION

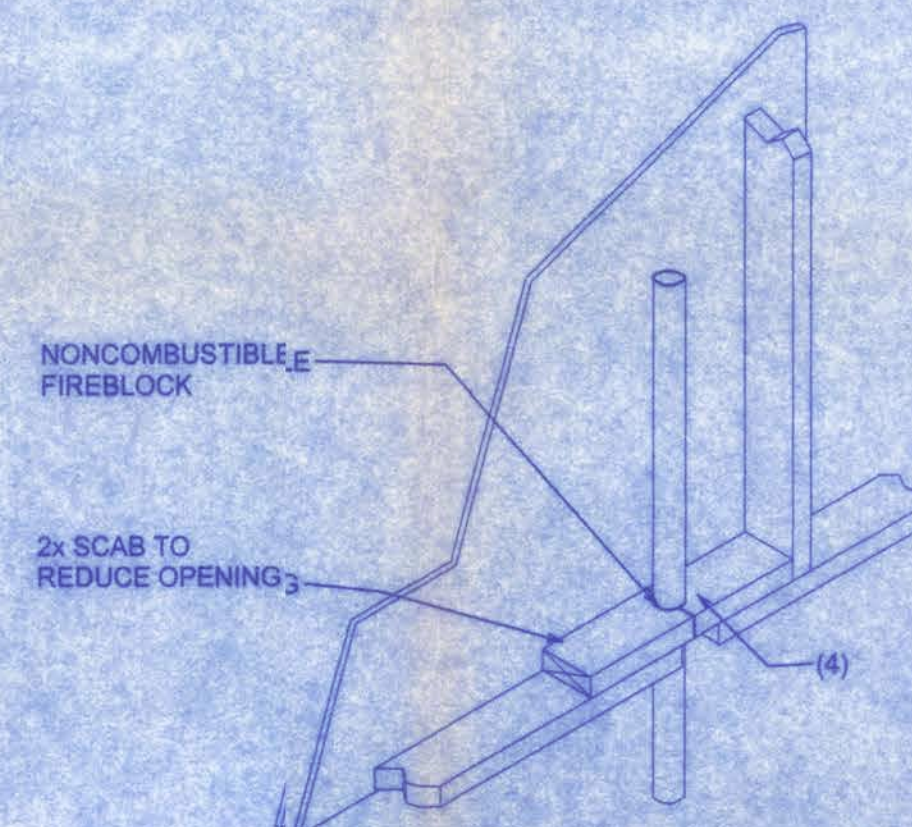
SCALE: 1/4"=1'0"

NOTE:
THE RIDGE HEIGHT IS GIVEN FOR MEAN ROOF
HEIGHT DETERMINATION ONLY. DO NOT USE
THIS DIMENSION FOR ROOF CONSTRUCTION.

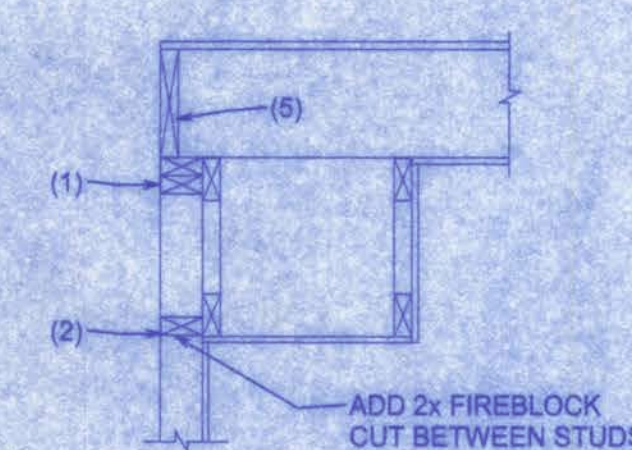


RIGHT ELEVATION

SCALE: 1/4"=1'0"



PENETRATIONS



SOFFIT/DROPPED CLG.

FIREBLOCKING NOTES:

FIREBLOCKING SHALL BE INSTALLED IN WOOD FRAME CONSTRUCTION IN THE FOLLOWING LOCATIONS:

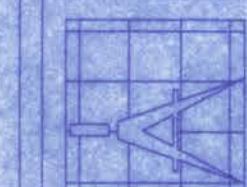
1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS INCLUDING FURRED SPACES AT CEILING AND FLOOR LEVELS.
2. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL AND HORIZONTAL SPACES SUCH AS OCCUR AT SOFFITS, DROP CEILINGS, COVE CEILINGS, ETC.
3. IN CONCEALED SPACES BETWEEN STAIR STRINGERS AT THE TOP AND BOTTOM OF THE RUN.
4. AT OPENINGS AROUND VENTS, PIPES, DUCTS, CHIMNEYS AND FIREPLACES AT CEILING AND FLOOR LEVELS WITH PYRO PANEL MULTIFLEX SEALANT.
5. AT ALL INTERCONNECTIONS BETWEEN CONCEALED VERTICAL STUD WALL OR PARTITION SPACES AND CONCEALED SPACES CREATED BY AN ASSEMBLY OF FLOOR JOISTS. FIREBLOCKING SHALL BE PROVIDED FOR THE FULL DEPTH OF THE JOISTS AT THE ENDS AND OVER THE SUPPORTS.

NOTE: FIELD VERIFY ROOF PITCH

NOTE: 1. REMOVE EXISTING SHINGLE ROOF AND INSTALL METAL ROOF OVER NEW AND EXISTING
2. REMOVE EXISTING GUTTERS AND DOWNSPOUTS AND REPLACE W/ NEW
3. REPLACE EXISTING WINDOWS W/ OBL PANE INSULATED WINDOWS THROUGHOUT HOUSE

DAVE SHULL RESIDENCE

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



Freeman
Design Group
INC

DATE: 10/24/06
DRAWN BY: W.H.F.

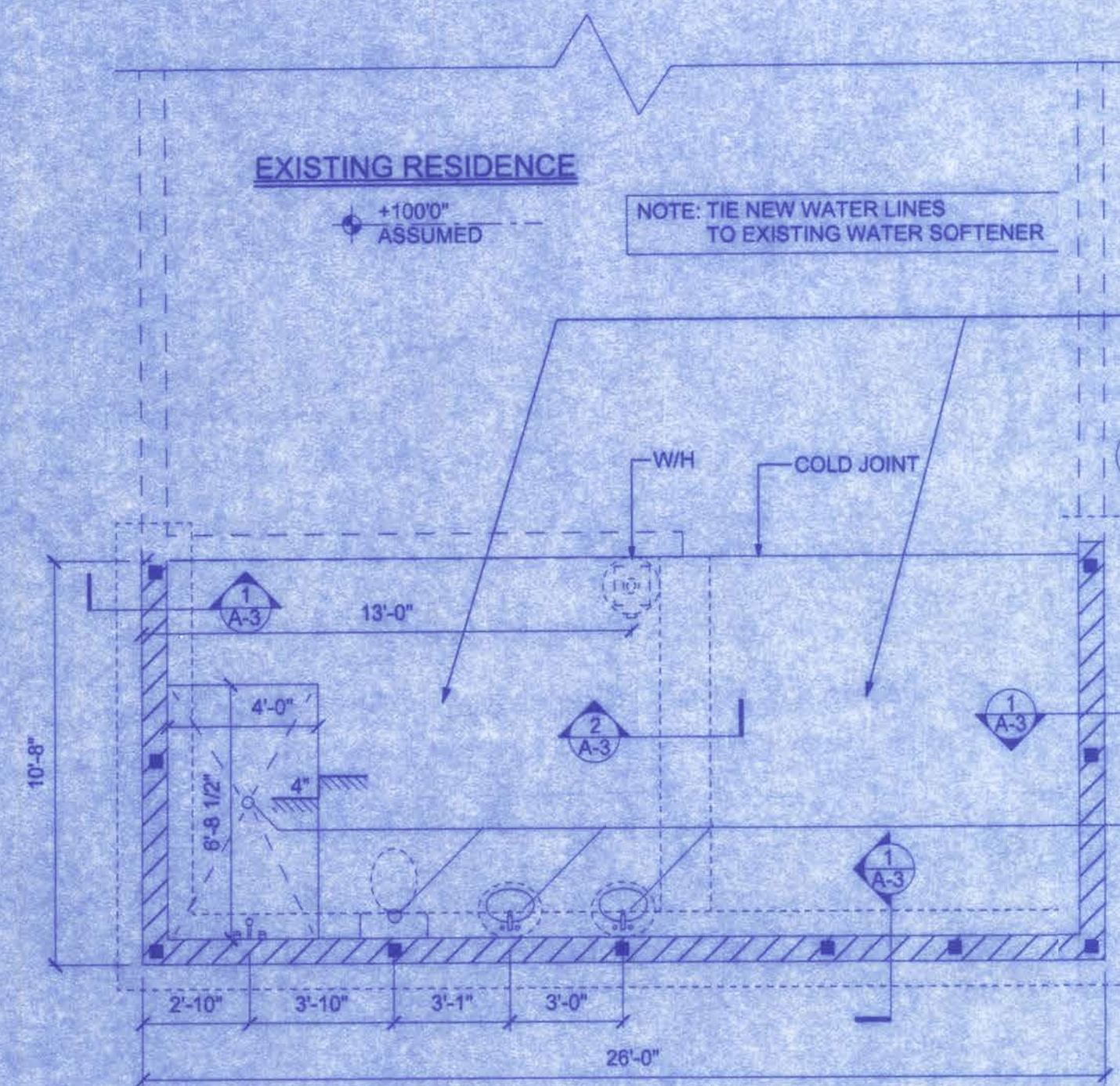
REVISIONS

SHEET: A-2

OF: 6

PROJECT NO.
06.R063

CERTIFICATE OF AUTHORIZATION # 00000001



FOUNDATION

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

SLAB REQUIREMENTS

JOINTS ARE NOT REQUIRED IN UNREINFORCED PLAIN CONCRETE SLABS ON GROUND OR IN SLABS FOR ONE AND TWO FAMILY DWELLINGS COMPLYING WITH ONE OF THE FOLLOWING:

1. CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTHS SHALL BE 1/2 INCH TO 2 INCHES IN LENGTH. DOSAGE AMOUNTS SHALL BE FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. SYNTHETIC FIBERS SHALL COMPLY WITH ASTM C 1116. THE MANUFACTURER OR SUPPLIER SHALL PROVIDE CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY THE BUILDING OFFICIAL, OR CONCRETE SLABS ON GROUND CONTAINING 6x6 W1.4 x W1.4 WELDED WIRE REINFORCEMENT FABRIC LOCATED IN THE MIDDLE TO THE UPPER 1/3 OF THE SLAB. WELDED WIRE REINFORCEMENT FABRIC SHALL BE SUPPORTED WITH APPROVED MATERIAL OR SUPPORTS AT SPACING NOT TO EXCEED 3 FT OR IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION. WELDED PLAIN WIRE REINFORCEMENT FABRIC FOR CONCRETE SHALL CONFORM TO ASTM A 195, STANDARD SPECIFICATION FOR STEEL WELDED WIRE REINFORCEMENT FABRIC, PLAIN, FOR CONCRETE REINFORCEMENT.
- 2.

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

BEARING CAPACITY

THE FOOTING IS DESIGNED FOR SOIL WITH AN ALLOWABLE BEARING CAPACITY OF 1,000 PSF. THE FOOTINGS SHALL REST ON UNDISTURBED OR COMPACTED SOIL OF UNIFORM DENSITY AND THICKNESS. AT THE OWNER'S REQUEST, COMPACTED SOILS SHALL BE TESTED TO A MINIMUM OF 95% OF MODIFIED PROCTOR AND COMPACTED IN LIFTS NOT TO EXCEED 12 INCHES.

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

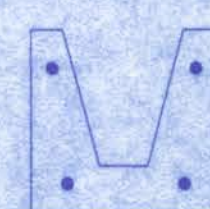
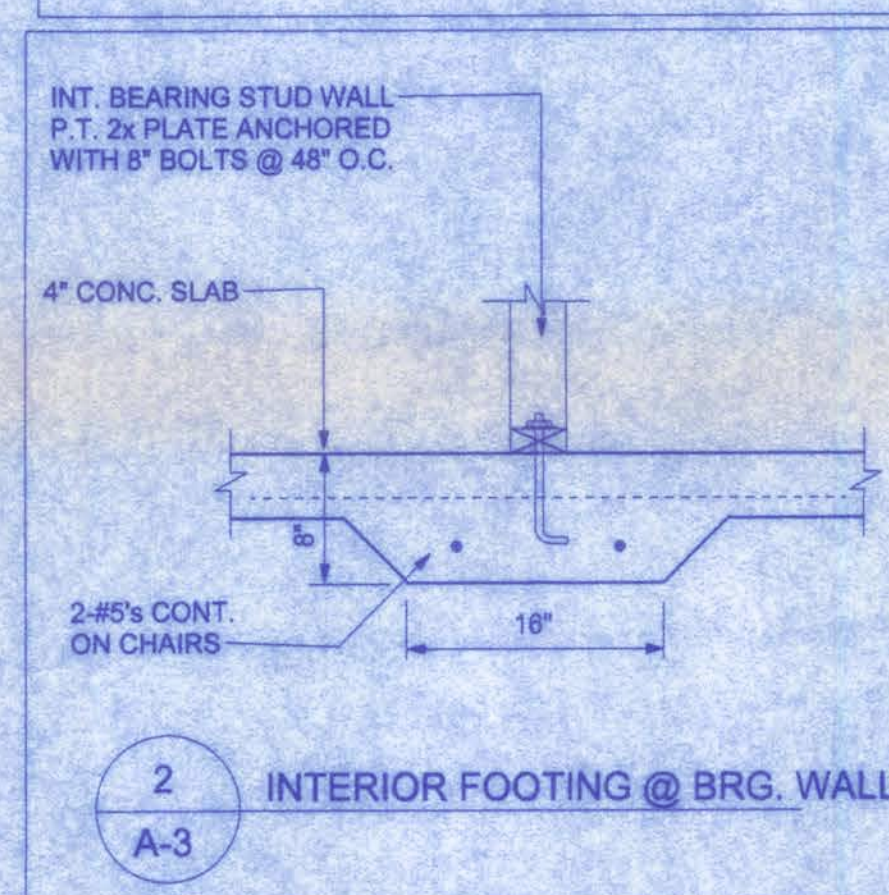
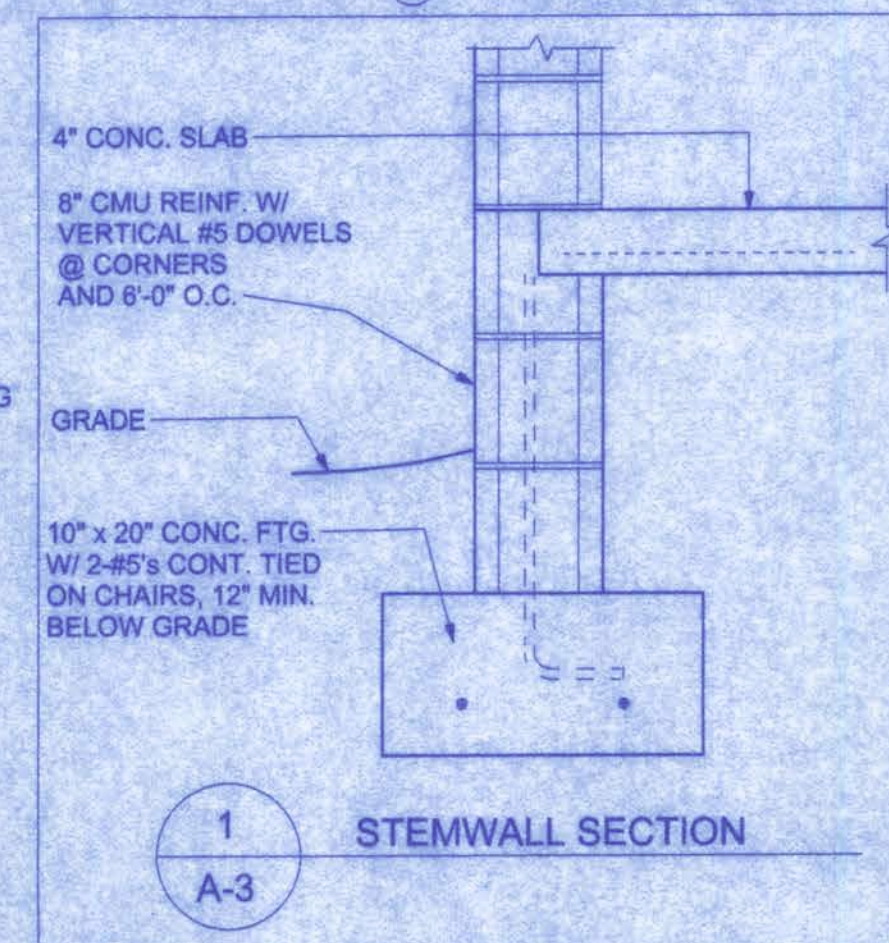
REINFORCEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED:

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.

REINFORCING STEEL

THE REINFORCING STEEL SHALL BE MINIMUM GRADE 40.

- Control joints should be spaced every 100' to 125' along unbroken wall lengths and:
1. At changes in wall height or thickness
 2. At columns, pilasters, and wall intersections
 3. Near corners
 4. On both sides of openings > 6'
 5. On one side of openings < 6'



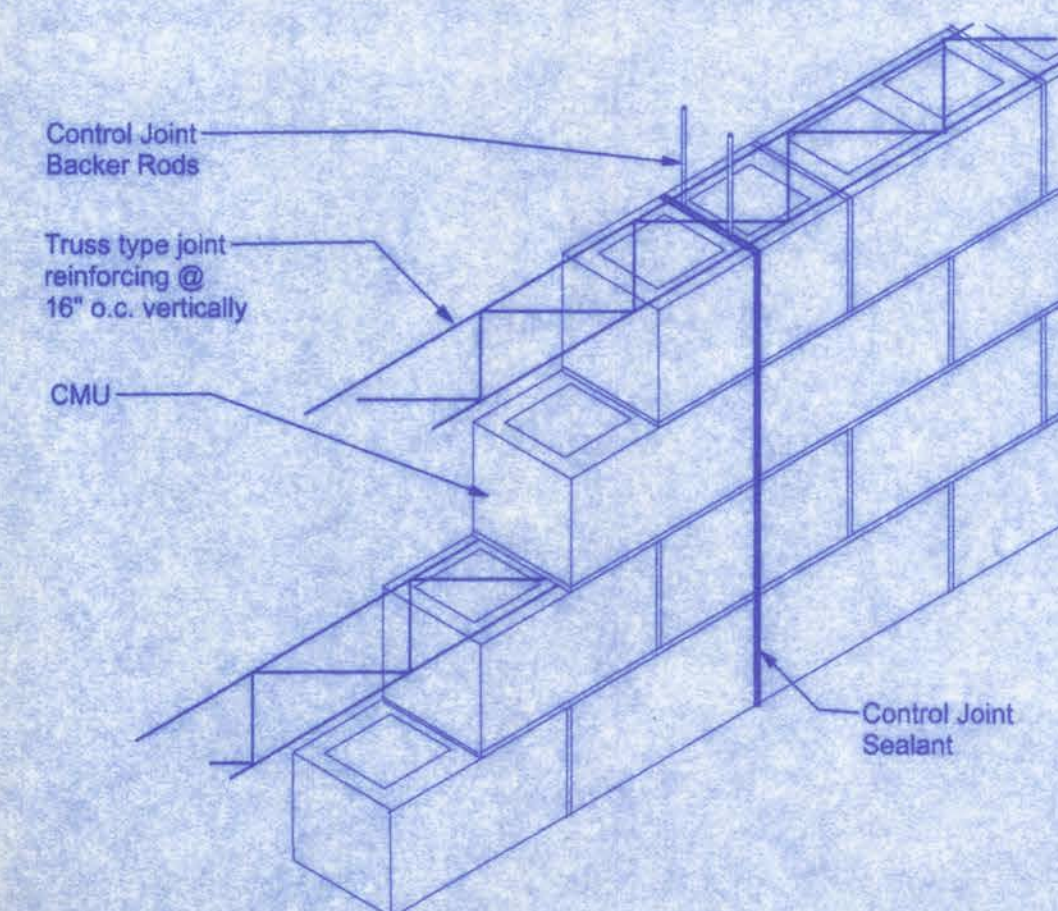
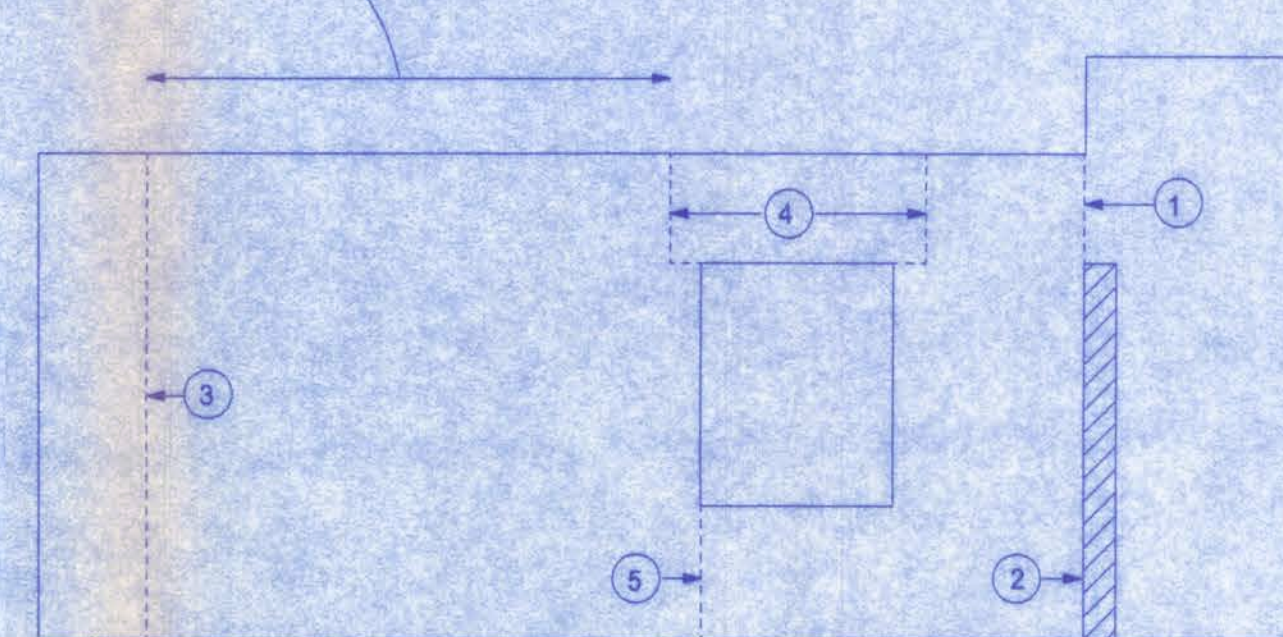
Lintel Concrete Strength = 4000 psi
Fill Concrete Strength = 3000 psi
Steel Strength = Grade 60 (#6), Grade 40 (#2 - #5)

TYPE	TOP BARS	BOTTOM BARS
A	NONE	2-#3
B	2-#2	2-#4
C	2-#3	2-#4
D	2-#3	2-#5
E	2-#4	2-#6

PRECAST LINTEL OVER OPENINGS

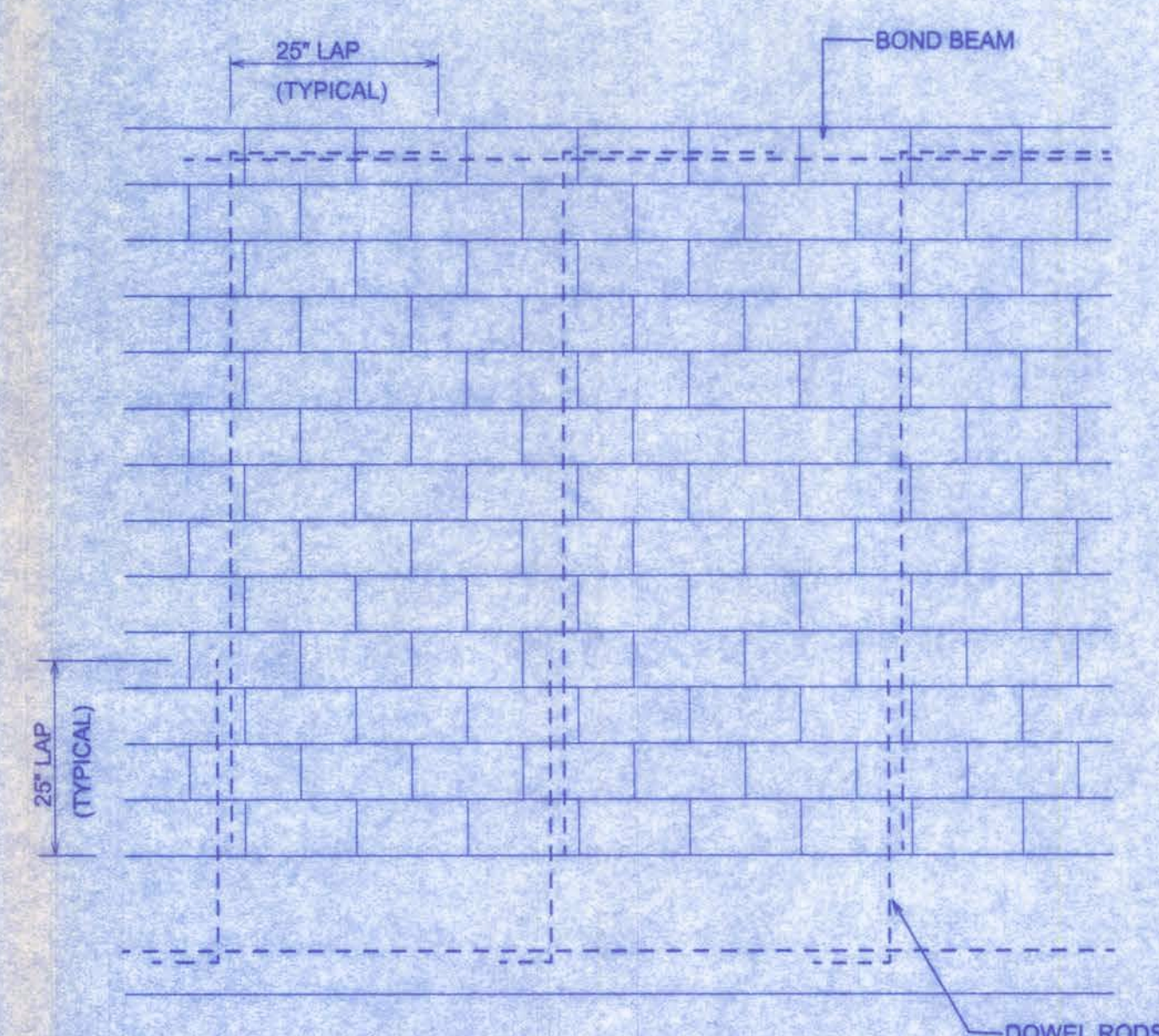
LENGTH	CLEAR SPAN	TYPE	FILLED + BEAM
4'-6"	3'-2"	A	6000+ PLF
7'-6"	6'-2"	B	5663 PLF
12'-0"	10'-8"	D	2181 PLF
17'-4"	16'-0"	E	1366 PLF

FILLED + BEAM = Acting as composite beam with an 8" perimeter beam
1-#5 rebar in lintel, 1-#5 rebar in perimeter beam



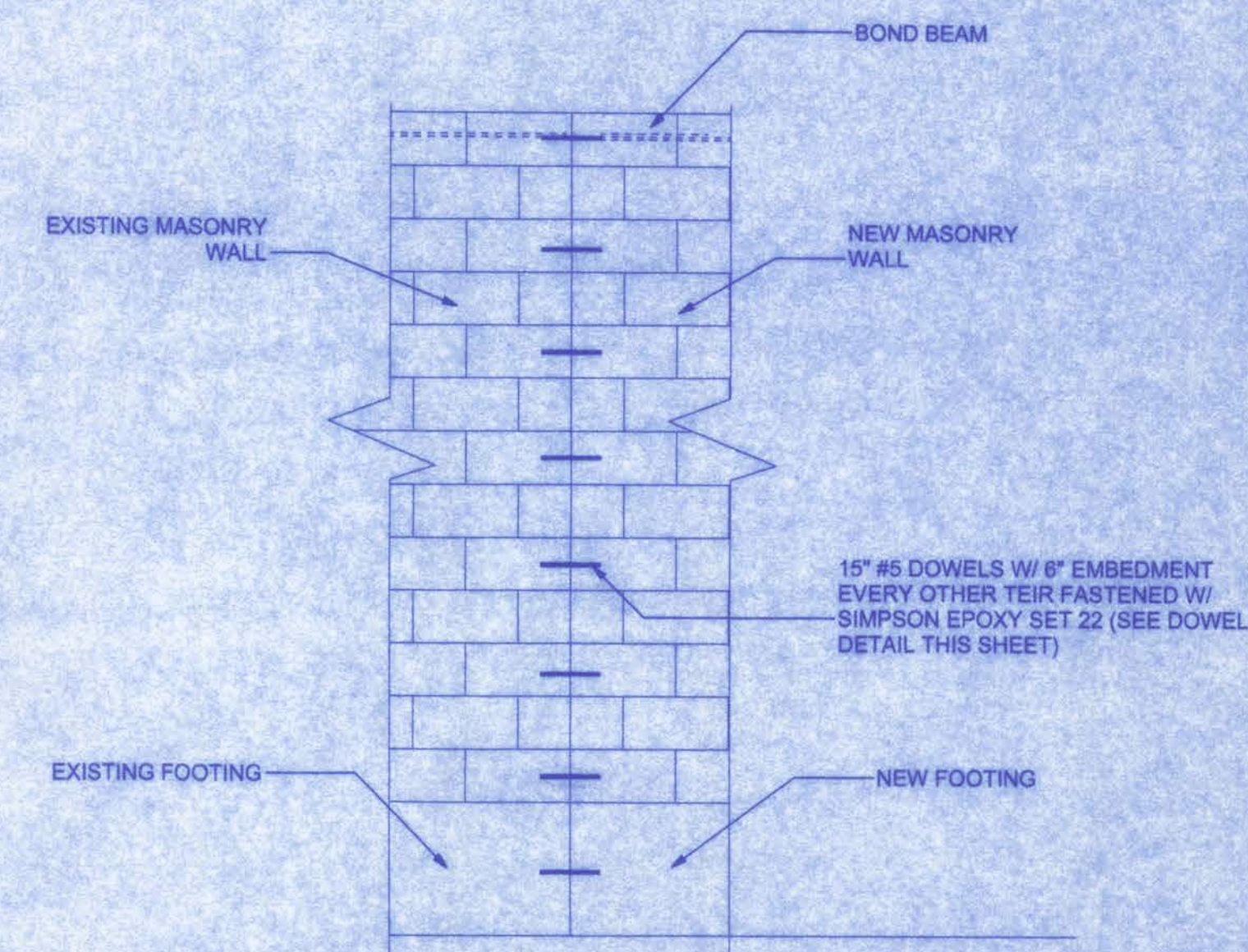
CONTROL JOINT LOCATION

NTS



WALL REINFORCING DETAILS

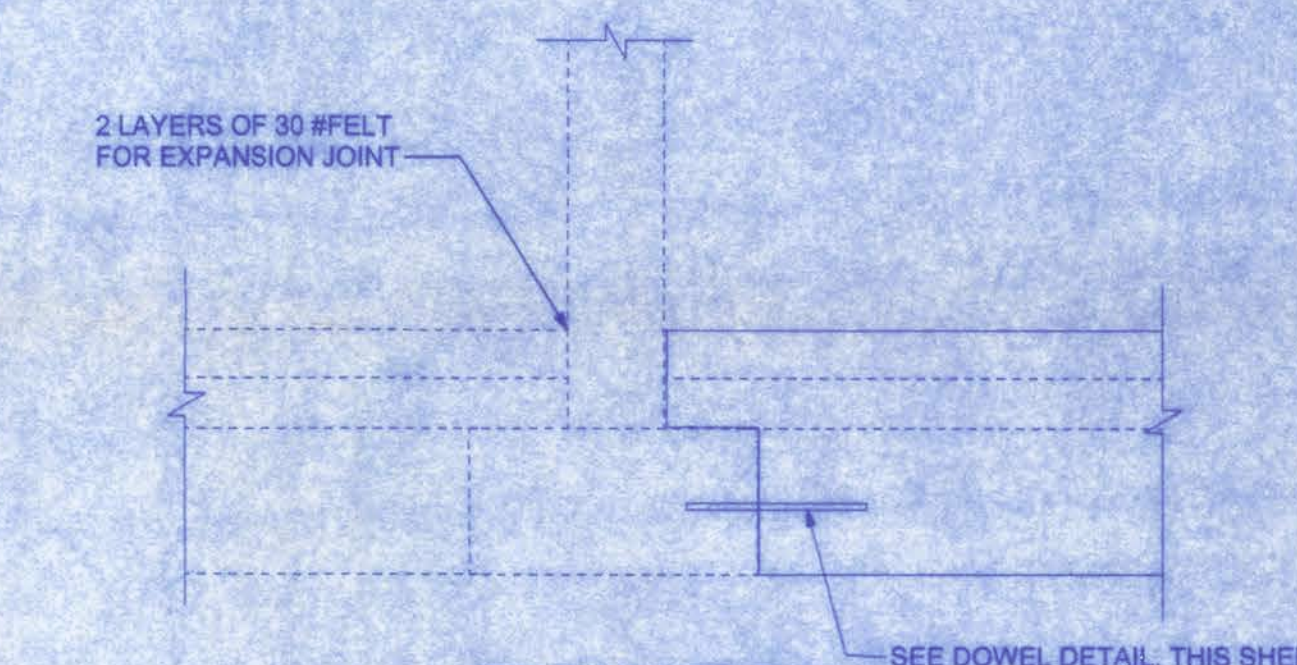
SCALE: 1/2" = 1'-0"



NEW WALL TO EXISTING WALL DETAIL

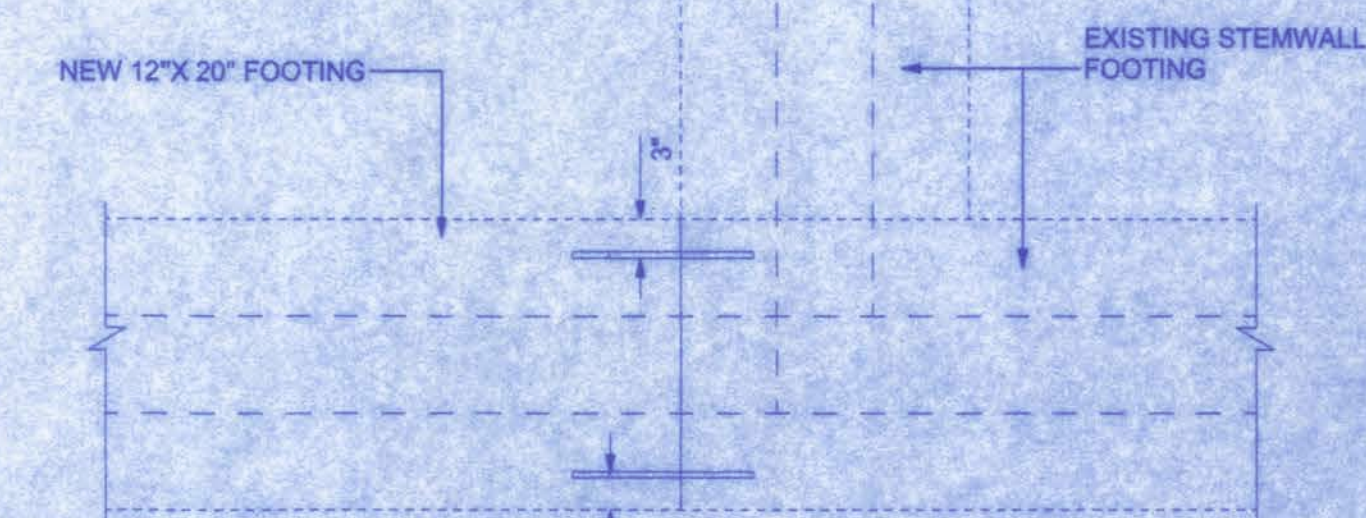
SCALE: 1/2" = 1'-0"

EXISTING CONC. BLOCK



ELEVATION

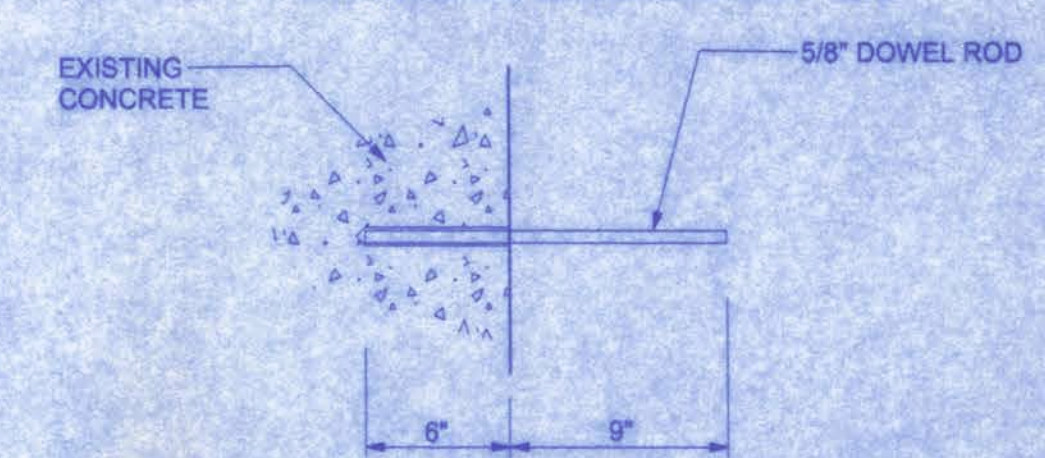
SCALE: 3/4" = 1'-0"



PLAN

SCALE: 3/4" = 1'-0"

NOTE: DRILL HOLE 1/8" LARGER THAN DOWEL DIAMETER AND 1/8" DEEPER THAN EMBEDMENT LENGTH INTO EXISTING CONCRETE AND REMOVE DUST WITH OIL FREE COMPRESSED AIR. SET DOWELS WITH EPOXY INTO HOLES AND LET REMAIN UNTIL IT SETS.

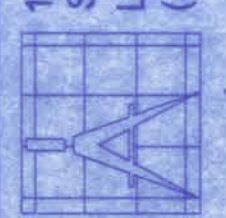


DOWEL DETAIL

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

DAVE SHULL RESIDENCE

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



Freeman
Design Group

DATE 10/24/06 DRAWN BY W.H.F.

REVISIONS

SHEET A-3

OF 5

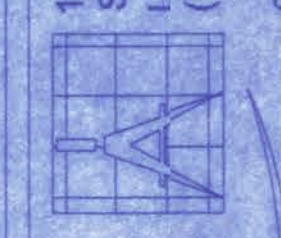
PROJECT NO. 06.R063

CERTIFICATE OF AUTHORIZATION # 00009701

W.H.F.
12/4/06

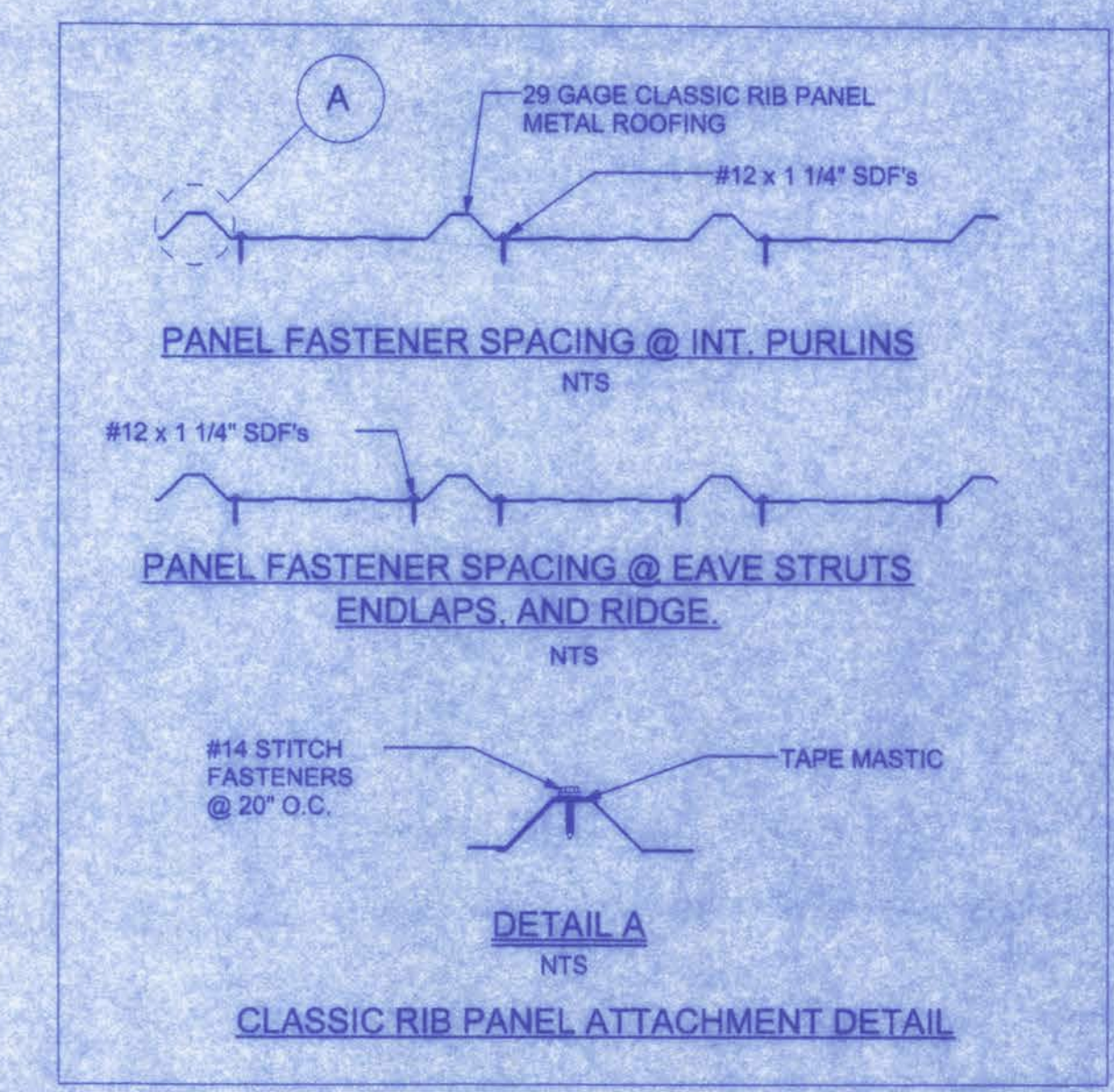
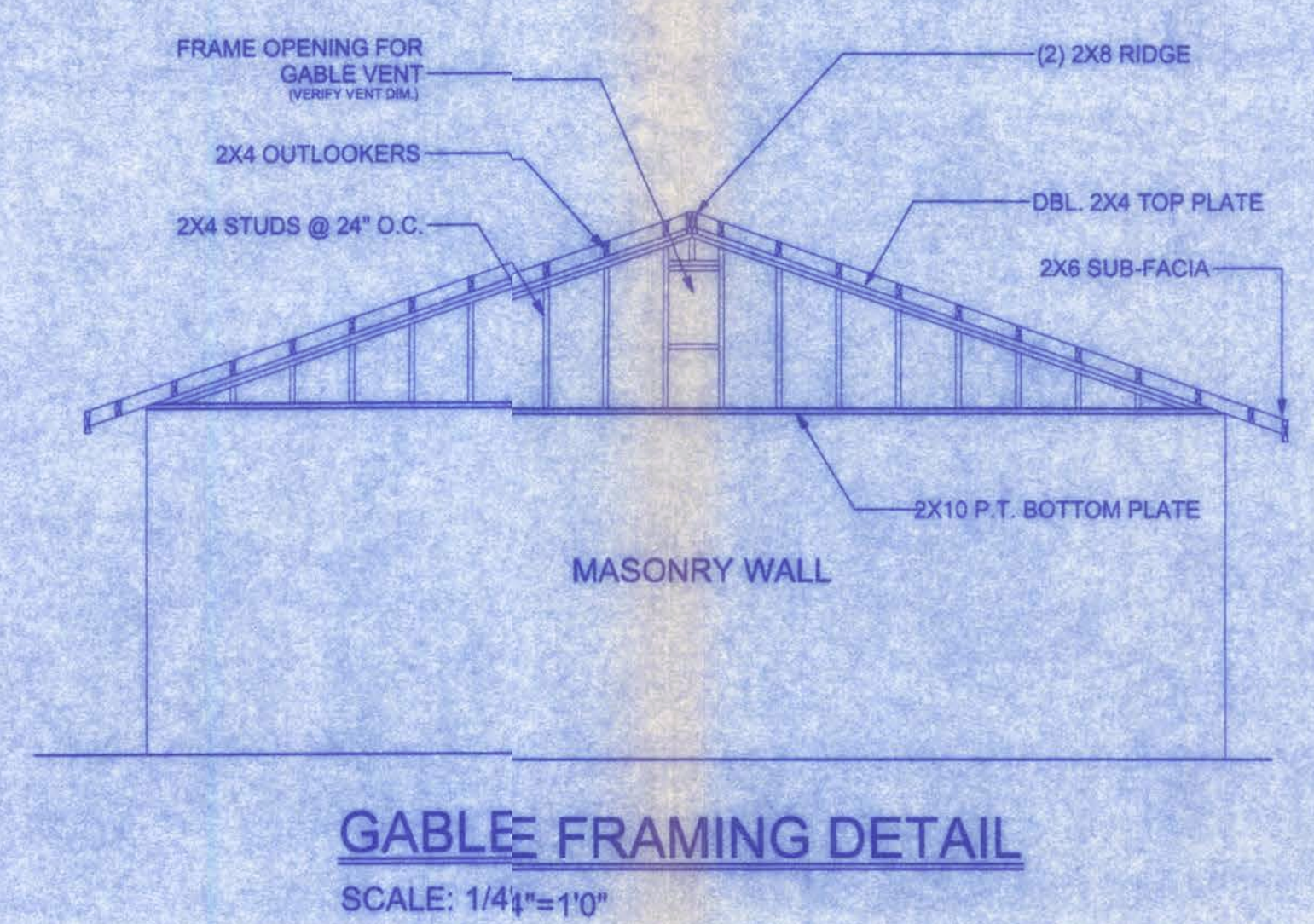
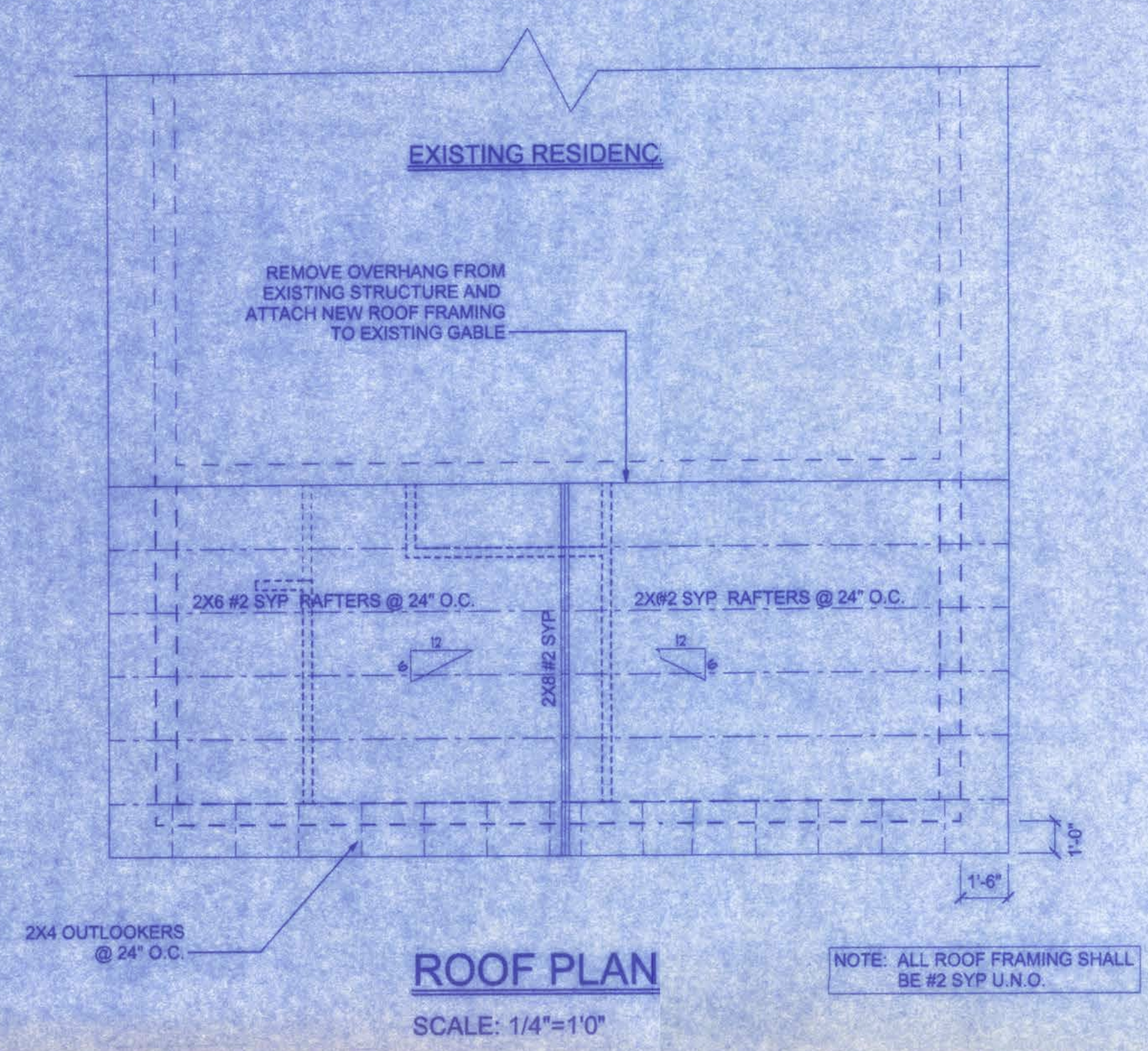
DAVE SHULL RESIDENCE

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32705
(386)768-4209
CERTIFICATE OF AUTHORIZATION # 00006701

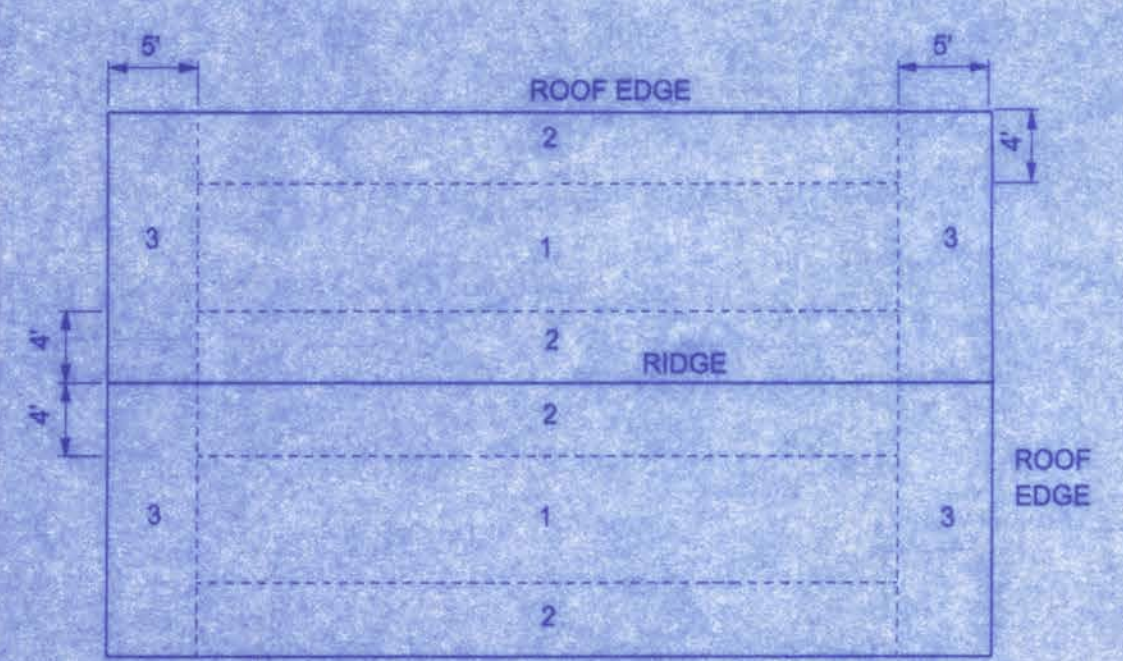


Freeman
Design Group inc.

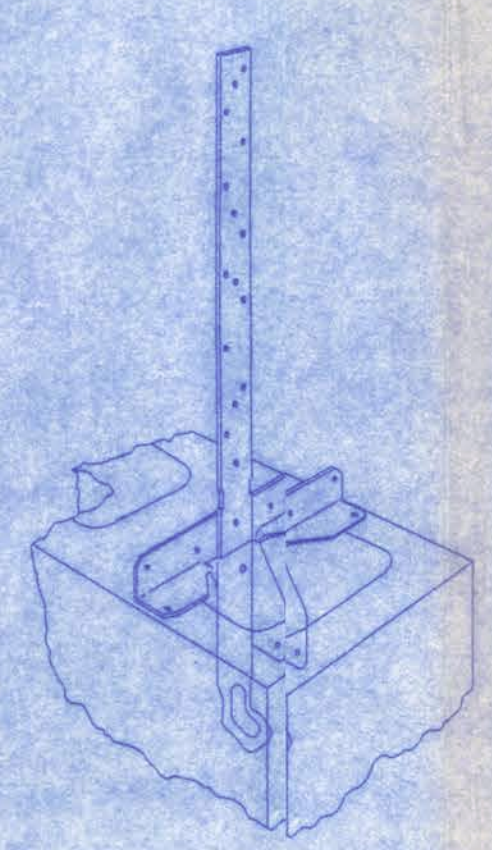
DATE 10/24/06	DRAWN BY W.H.F.
REVISIONS	
SHEET A-4	OF 5
PROJECT NO. 06.R063	



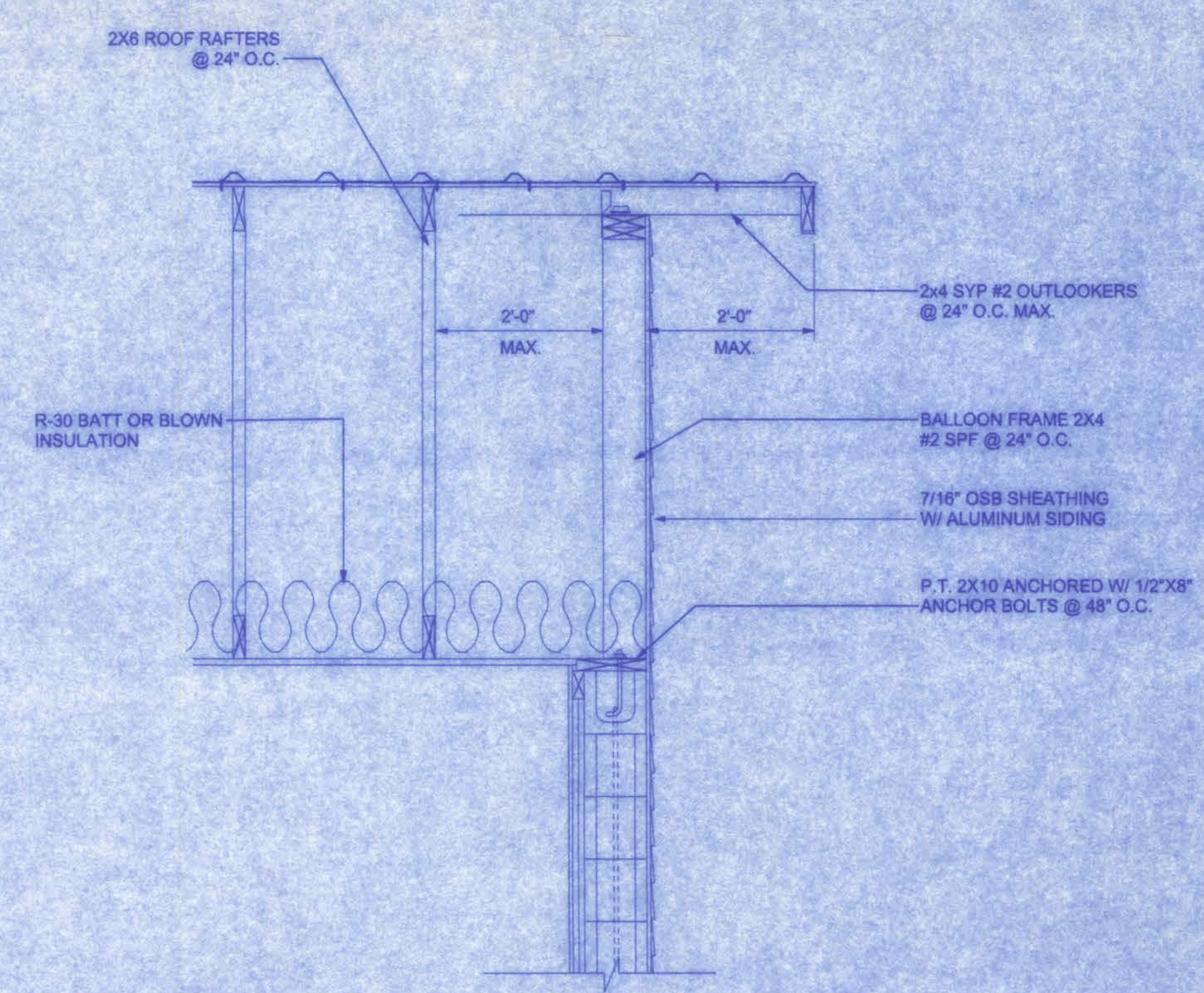
ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/2" CDX	8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	in. o.c. EDGE
2			2 in. o.c. FIELD
3			in. o.c. EDGE
			4 in. c. @ GABLE ENDWALL & GABLE TRUSS in. o.c. FIELD



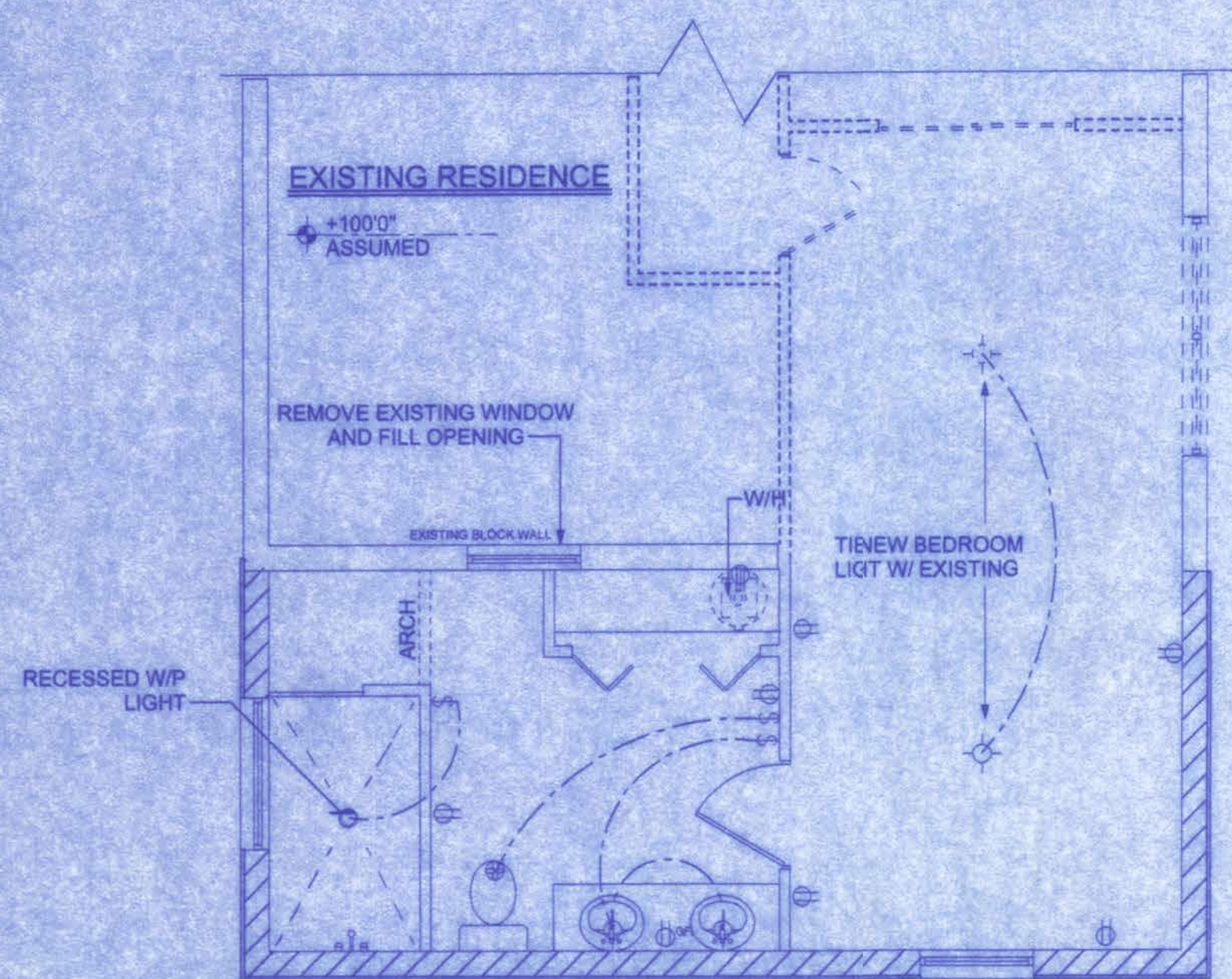
ROOF SHEATHING NAILING ZONES (GABLE ROOF)



SIMPSON HETA20 W/TSS DETAIL
NTS



OUTLOOKER DETAIL
NTS



ELECTRICAL PLAN

SCALE: 1/4"=1'0"

ELECTRICAL	COUNT	SYMBOL
recessed w/p light	1	○
fan	1	⊕
light	3	○
outlet	9	⦿
outlet 220v	1	⦿
outlet gfi	1	⦿
switch	3	⦿

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'S SPECIFICATIONS.

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

INSTALLATION SHALL BE PER NATIONAL ELECTRICAL 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 WITH APPLICABLE SECTIONS OF THE NEC-LATEST EDITION.

ELECTRICAL CONTRACTOR 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 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.

WIRING NOTES:

WIRING, DISTRIBUTION EQUIPMENT AND DEVICES

A. CONDUCTORS: 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) any 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. PANELBOARDS: Voltage, phasing, and ampere ratings as indicated, circuit breaker type as indicated, buss bars of hard drawn copper, minimum 98% conductivity, galvanized steel back box, door and trim. All corners lapped and welded, hardware chrome plated with flush lock and catch. Hinges semi-concealed, 5 knuckles steel with nonferrous pins. 180 degree openings. Minimum gutter space 5-3/4" sides, 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 20 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: Ground non-current carrying metal parts of panel board, raceways and all lighting fixtures. All conduit shall have equipment grounding conductors.

INSTALLATION:

A. Secure all supports to building structure as specified under raceways. Support horizontal runs of metallic conduit not more than 10 feet apart. Run exposed raceways parallel with or at right angles to walls.

B. Pass raceways 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 pip 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 locations of outlets and switches.

F. Support panel, junction 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 contractor 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.

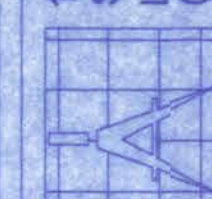
I. Contractor to remove and salvage all abandoned electrical equipment.

J. This contractor shall warrant all labor and materials for one year from date of final written acceptance.

DAVE SHULL RESIDENCE

161 NW MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(886) 58-4209

CERTIFICATE OF AUTHORIZATION # 00080701



Freeman
Design Group Inc.

DATE
10/24/06

DRAWN BY
W.H.F.

REVISIONS

SHEET
A-5

OF
5

PROJECT NO.
06.R063