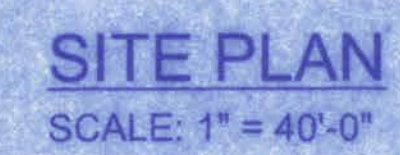


CARDINAL FARMS PH. 3 LOT #39 (10AC) FT. WHITE, FL



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

CERTIFICATE OF AUTHORIZATION # 00008701



Freeman
Design Group INC.

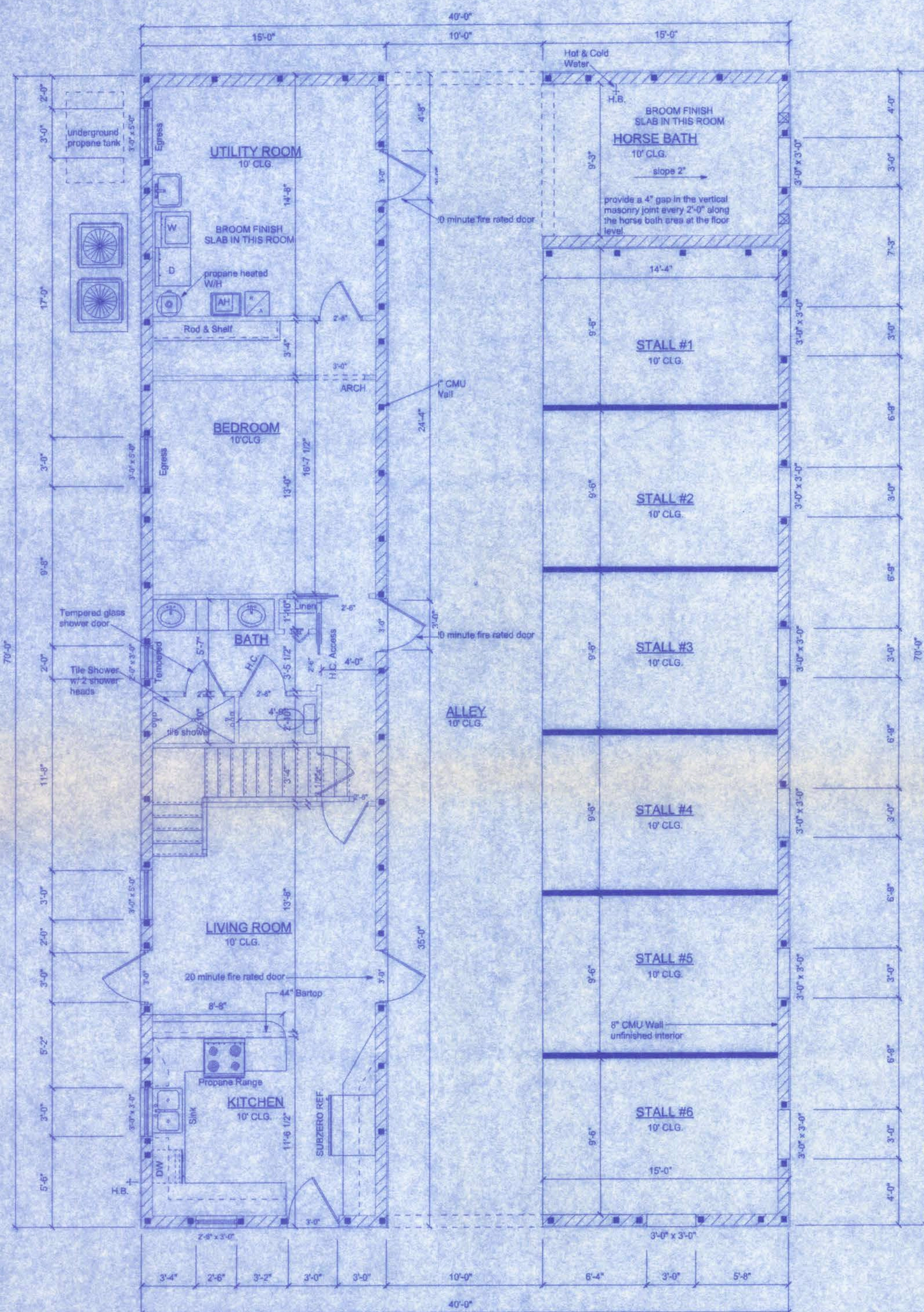
DATE	DRAWN BY
8/28/06	W.H.F.

REVISIONS

SHEET SP-1

OF 1

PROJECT NO.



PRODUCT CODE	SIZE	COUNT
36x80 colonial	3'-0"	1
1668 BF	1'-6"	1
2468	2'-4"	2
2868	2'-6"	1
2868	2'-8"	1
2868	2'-8"	1
30x80 colonial P-pocket	2'-6"	2
3068	3'-0"	4
SH 2030	2'-0" x 3'-0"	1
SH 3030	3'-0" x 3'-0"	1
30X36 DOUBLE HUNG 1	2'-6" x 3'-0"	1
36X60 DOUBLE HUNG 1	3'-0" x 5'-0"	3

NOTE:
ALL WIND LOADS ARE IN ACCORDANCE WITH SECTION 1609, FLORIDA BUILDING CODE, 2004 EDITION.

BASIC WIND SPEED	110 MPH
IMPORTANCE FACTOR	1.0
BUILDING CATEGORY	2
EXPOSURE	B
INTERNAL PRESSURE COEFFICIENT	+/- 0.55
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
PARTIALLY ENCLOSED	

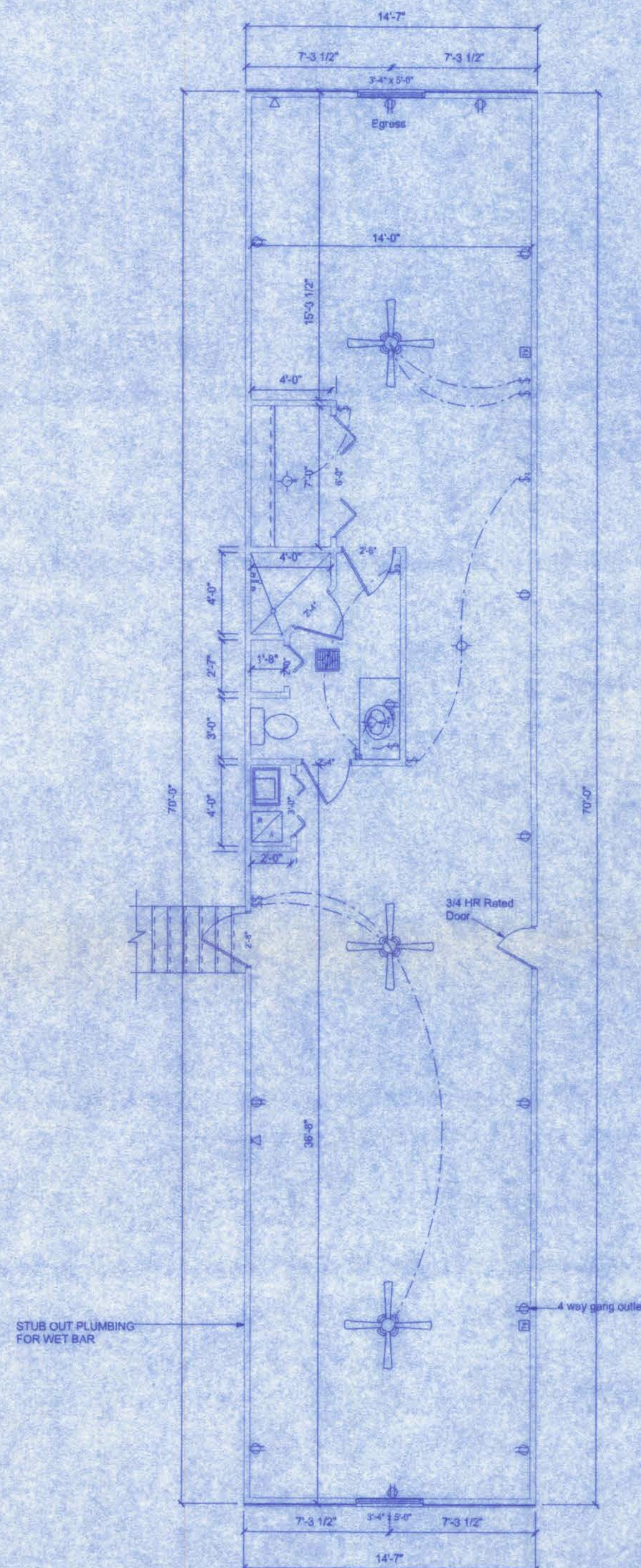
NOTE:
EXTERIOR WINDOWS AND GLASS DOORS SHALL BE TESTED BY AN APPROVED INDEPENDENT TESTING LABORATORY, AND BEAR AN AAMA OR WDMA OR OTHER APPROVED LABEL IDENTIFYING THE MANUFACTURER, PERFORMANCE CHARACTERISTICS AND APPROVED PRODUCT. EVALUATION ENTITY TO INDICATE COMPLIANCE WITH THE REQUIREMENTS OF THE FOLLOWING SPECIFICATION:
ANSI AAMA NWDA 101/ES2-287

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.

EMERGENCY EGRESS:
EVERY BEDROOM SHALL HAVE NOT LESS THAN ONE OUTSIDE WINDOW FOR EMERGENCY RESCUE THAT COMPLIES WITH THE FOLLOWING:
1. SUCH WINDOWS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF TOOLS AND SHALL PROVIDE A CLEAR OPENING OF NOT LESS THAN 20 INCHES IN WIDTH, 24 INCHES IN HEIGHT, AND 5.7 SQFT IN AREA.
2. THE BOTTOM OF THE OPENING SHALL BE NOT MORE THAN 44 INCHES ABOVE THE FLOOR AND ANY LATCHING DEVICE SHALL BE CAPABLE OF BEING OPERATED FROM NOT MORE THAN 54 INCHES ABOVE THE FINISHED FLOOR.
3. THE CLEAR OPENING SHALL ALLOW A RECTANGULAR SOLID, WITH A WIDTH AND HEIGHT THAT PROVIDES NOT LESS THAN THE REQUIRED 5.7 SQFT OPENING AND A DEPTH NOT LESS THAN 20 INCHES, TO PASS FULLY THROUGH THE OPENING.
4. SUCH WINDOWS SHALL BE ACCESSIBLE BY THE FIRE DEPARTMENT AND SHALL OPEN INTO AN AREA HAVING ACCESS TO A PUBLIC WAY.

NOTE:
HIGH IMPACT RESISTANT GLASS WINDOWS NEEDED FOR ALL WINDOWS ON THE LIVING AREA SIDE OF THE HOME.

AREA SUMMARY	
LIVING CONDITION:	1,050 S.F.
BARN:	1,750 S.F.
TOTAL:	2,800 S.F.

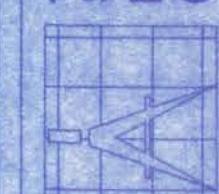


PRODUCT CODE	SIZE	COUNT
2068 BF	2'-0"	1
3068-2 BF	3'-0"	1
6068-2 BF	6'-0"	1
2068	2'-0"	1
2468	2'-4"	2
2668	2'-6"	1
2868	2'-8"	1
SH 3450	3'-4" x 5'-0"	2

ELECTRICAL	COUNT	SYMBOL
ceiling fan spotlights 2	3	+
50 cfm exhaust fan	1	■
cable tv outlet	2	□
light	4	◇
outlet	12	○
outlet gfi	1	○
switch	6	⋈
switch 3 way	4	⋈
telephone	2	□

AREA SUMMARY	
LIVING AREA:	1029 S.F.

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



Freeman
Design Group Inc.

DATE: 8/6/06
DRAWN BY: W.H.F.

REVISIONS
10/23/06

SHEET: A-1
OF: 6

PROJECT NO.
08 R051

MARZILIANO RESIDENCE

CERTIFICATE OF AUTHORIZATION # 00008701

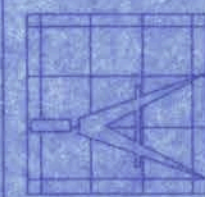
W.H.F. Inc.
10/30/06

Bill Hahn
10/13/06

MARZILIANO RESIDENCE

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

CERTIFICATE OF AUTHORIZATION # 00088701



Freeman
Design Group, Inc.

DATE
8/16/06

DRAWN BY
W.H.F.

REVISIONS

10/23/06

SHEET A-2

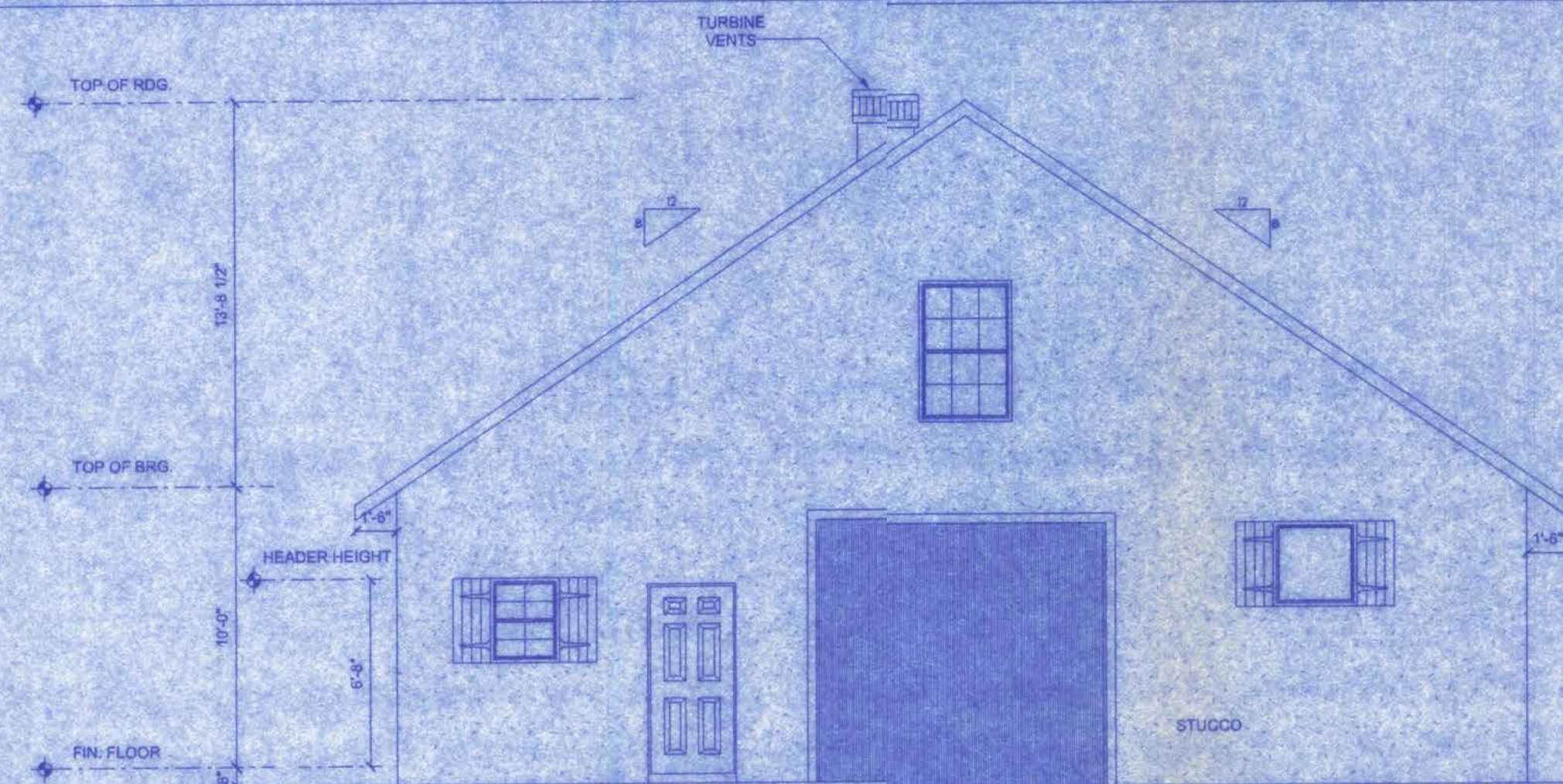
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PROJECT NO.

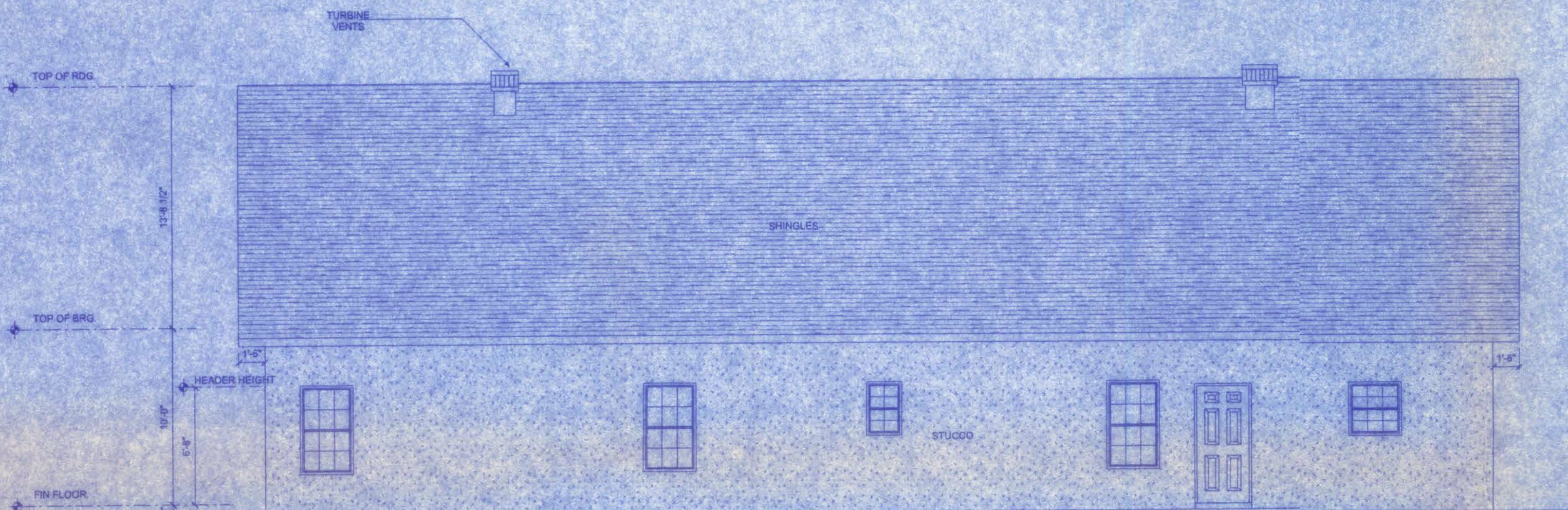
06.R051

GENERAL NOTES:

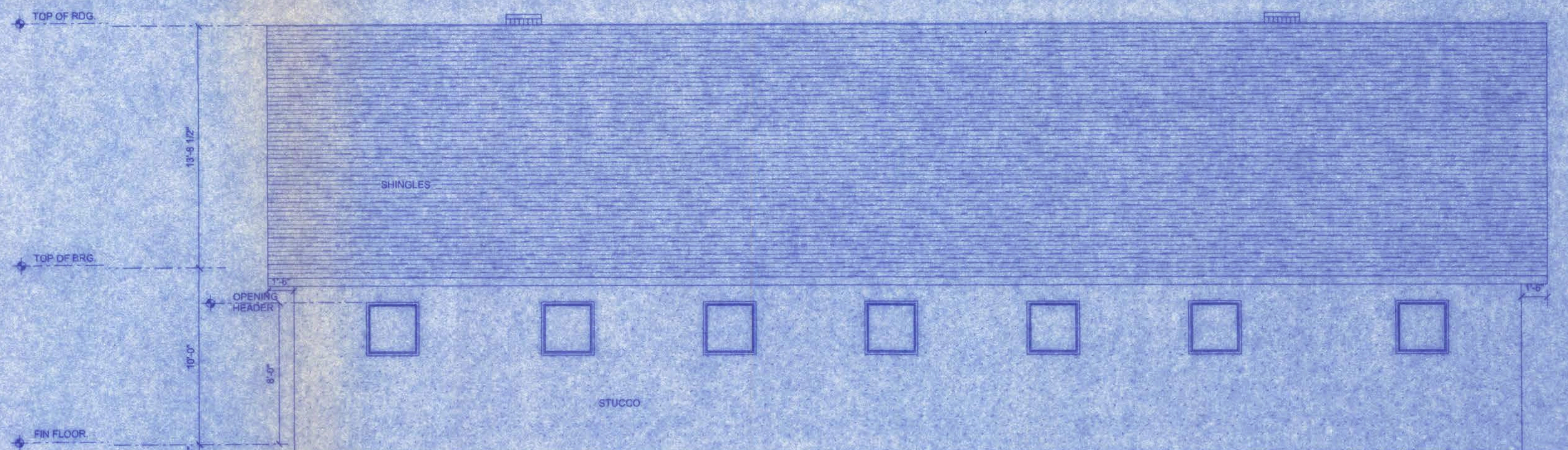
1. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FROM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
2. THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. ALL INSULATION SHALL BE LEFT EXPOSED AND ALL LABELS LEFT INTACT ON THE WINDOWS AND DOORS UNTIL INSPECTED BY THE BUILDING OFFICIAL.
9. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESSURE TREATED.



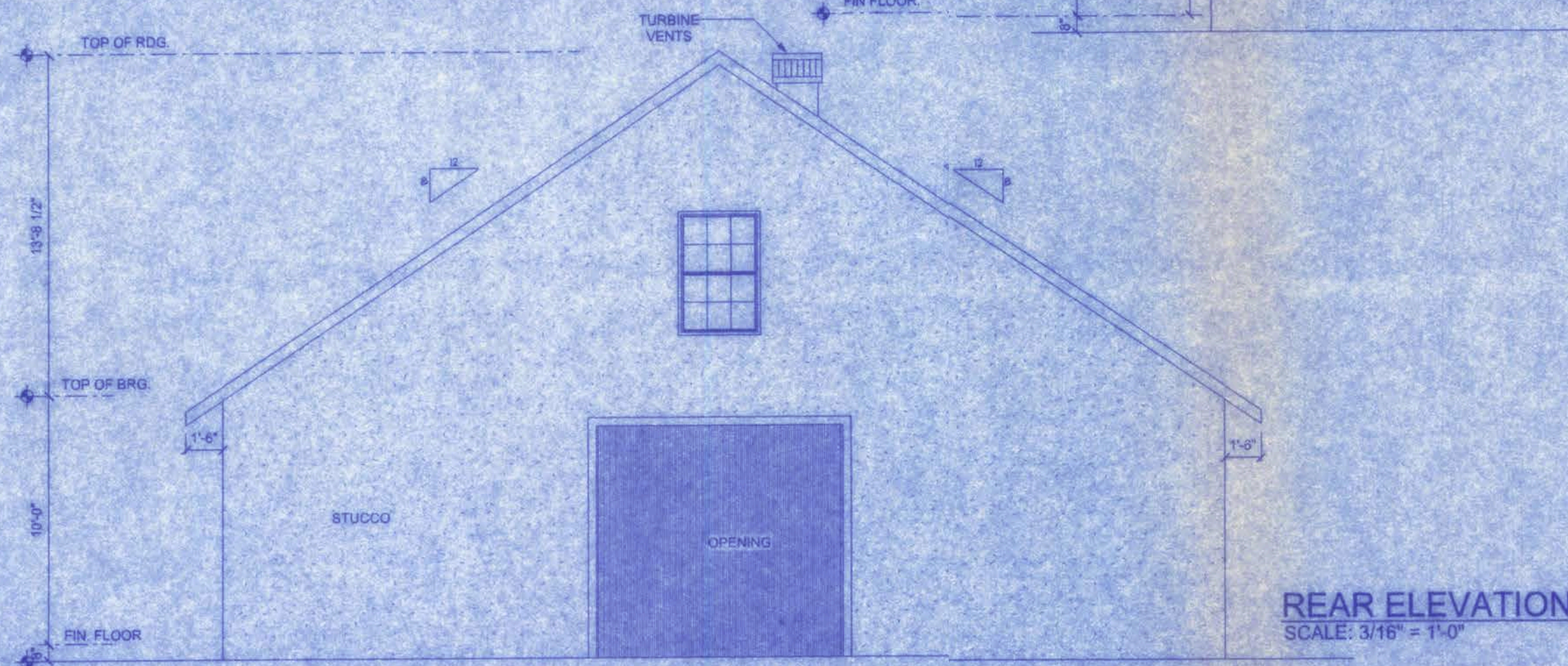
FRONT ELEVATION
SCALE: 3/16" = 1'-0"



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



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



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

CONSTRUCTION DOCUMENTS:

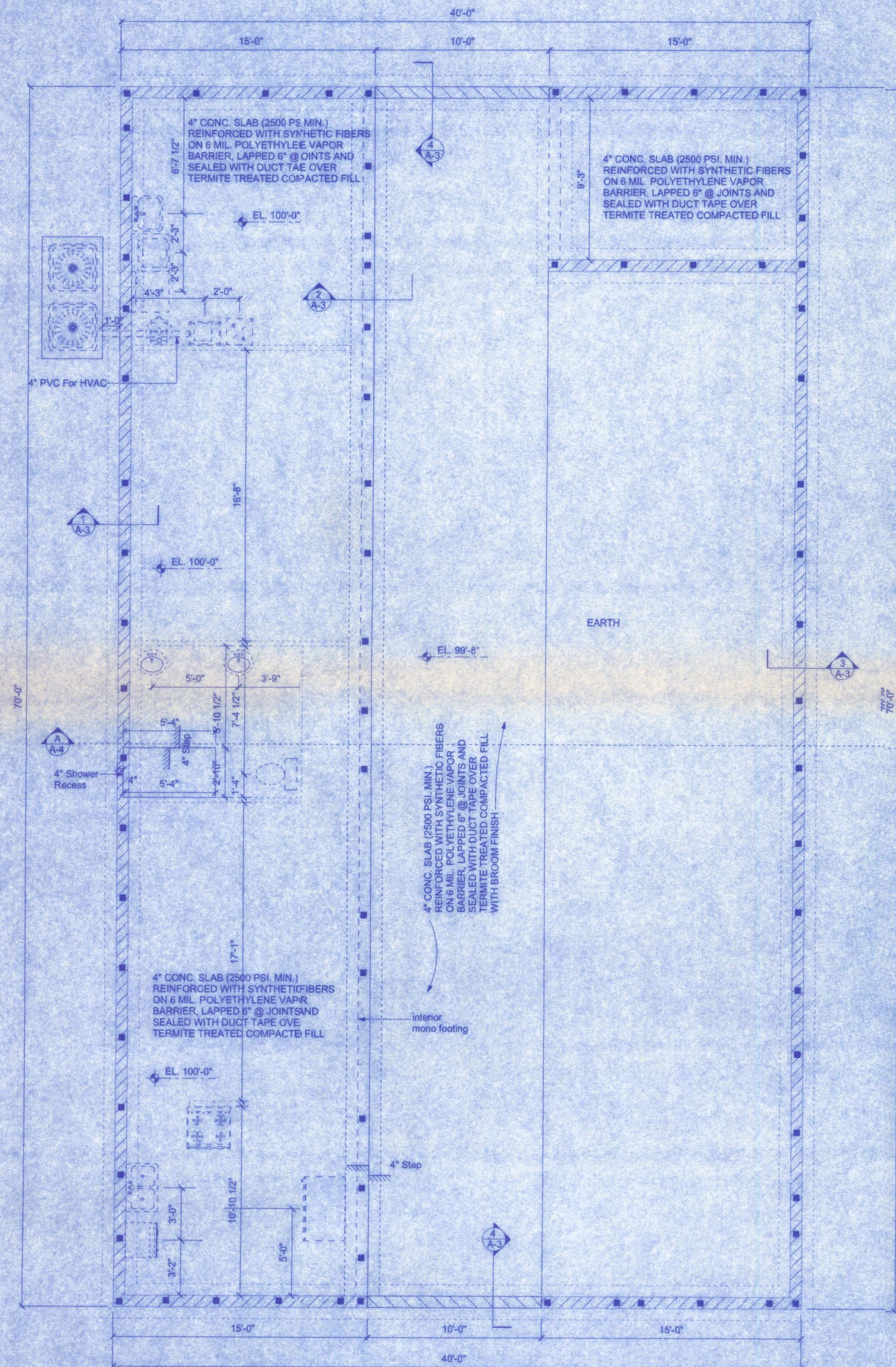
THE CUSTOMER IS RESPONSIBLE FOR DELIVERING THE REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUING AUTHORITY FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR REVIEWING THE PLANS AND VERIFYING ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS PRIOR TO COMMENCING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

DO NOT SCALE THESE PLANS:

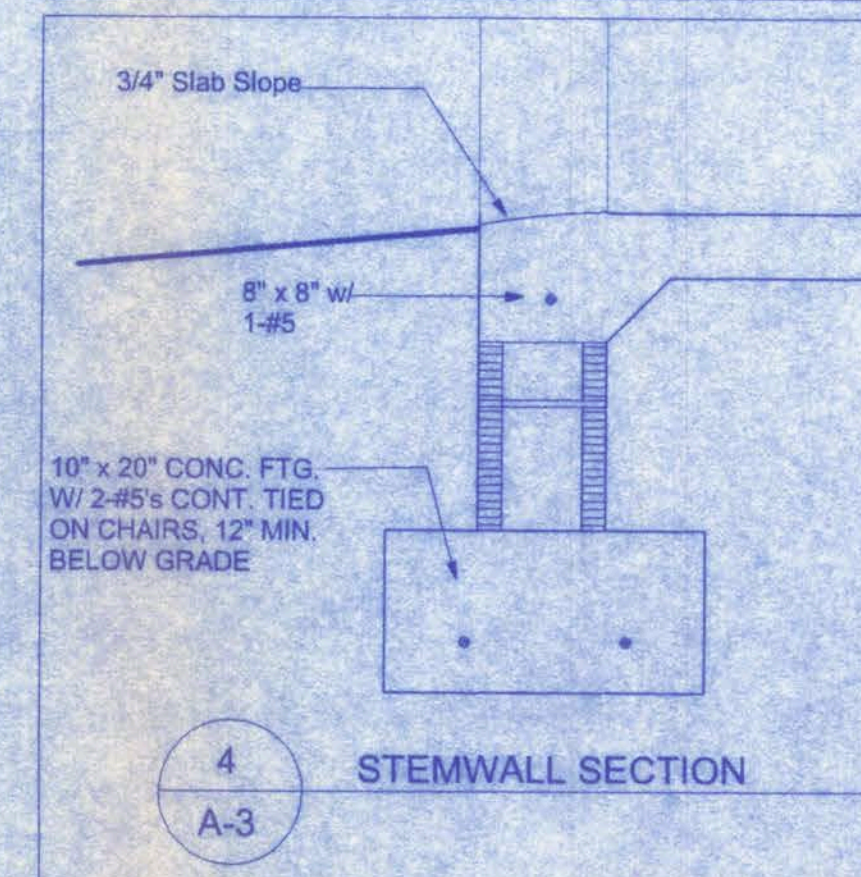
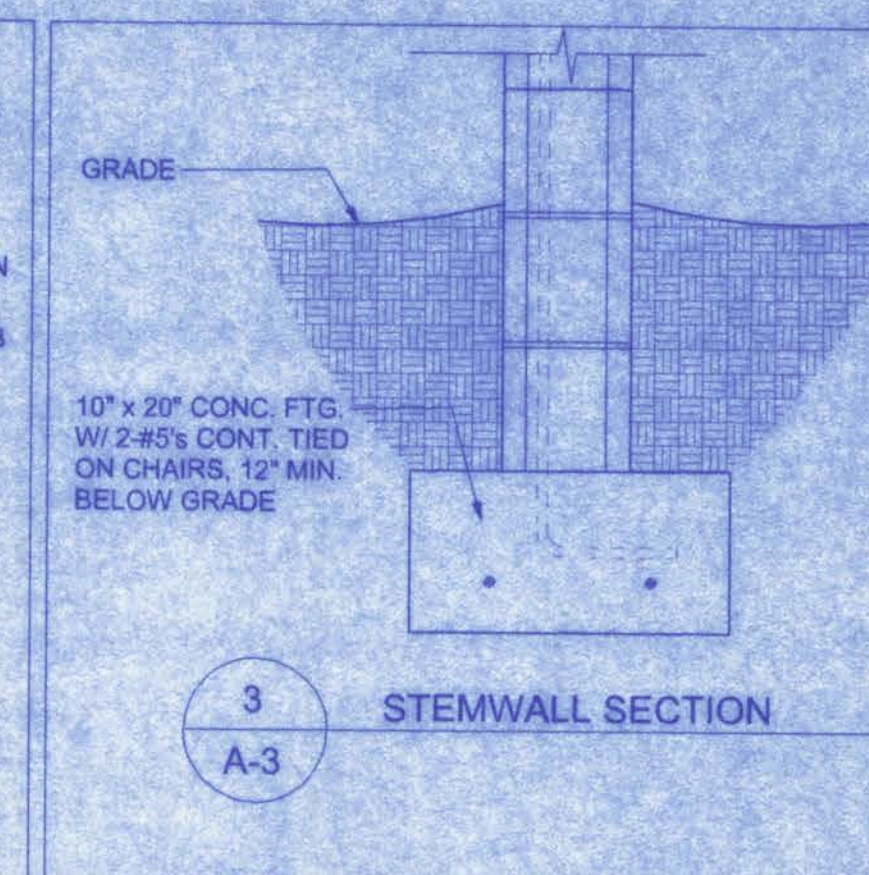
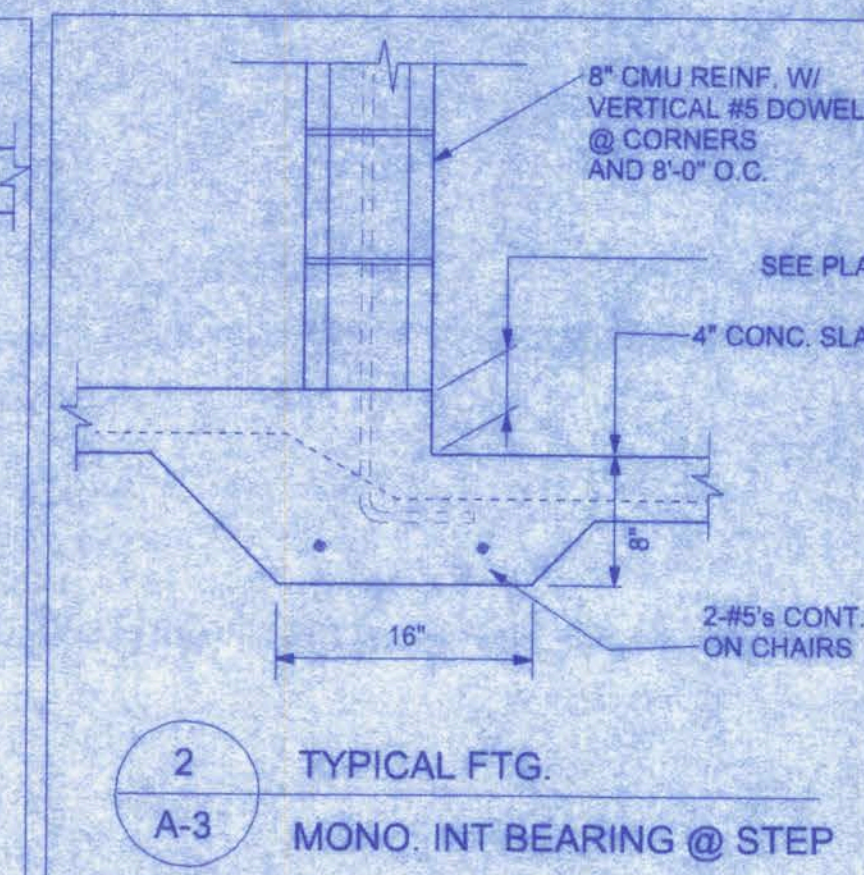
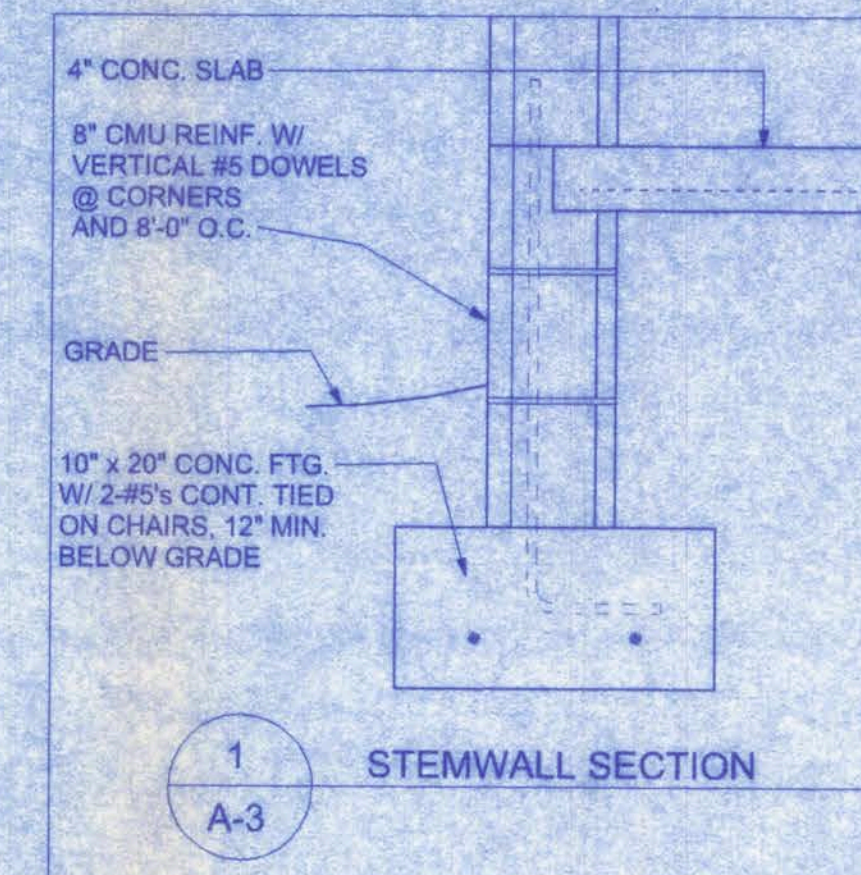
AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LOCATE ALL ITEMS. SIMPLE ARITHMETIC MAY BE USED TO DETERMINE THE LOCATION OF THOSE ITEMS NOT DIMENSIONED.

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 ARE TO THE PLANS OR BY SUBSTITUTION OF MATERIALS DIFFERENT FROM SPECIFICATIONS ON THE PLANS.



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



FOUNDATION NOTES:

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.

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

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.

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.

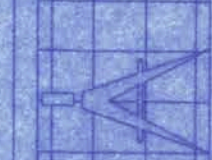
SLAB REQUIREMENTS

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 1115. THE MANUFACTURER OR SUPPLIER SHALL PROVIDE CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY THE BUILDING OFFICIAL; OR
2. 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 185. STANDARD SPECIFICATION FOR STEEL WELDED WIRE REINFORCEMENT FABRIC, PLAIN, FOR CONCRETE REINFORCEMENT.

MARZILIANO RESIDENCE

161 NW MADISON STREET
SUITE #102
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Freeman
Design Group

DATE: 8/1/06
DRAWN BY: W.H.F.

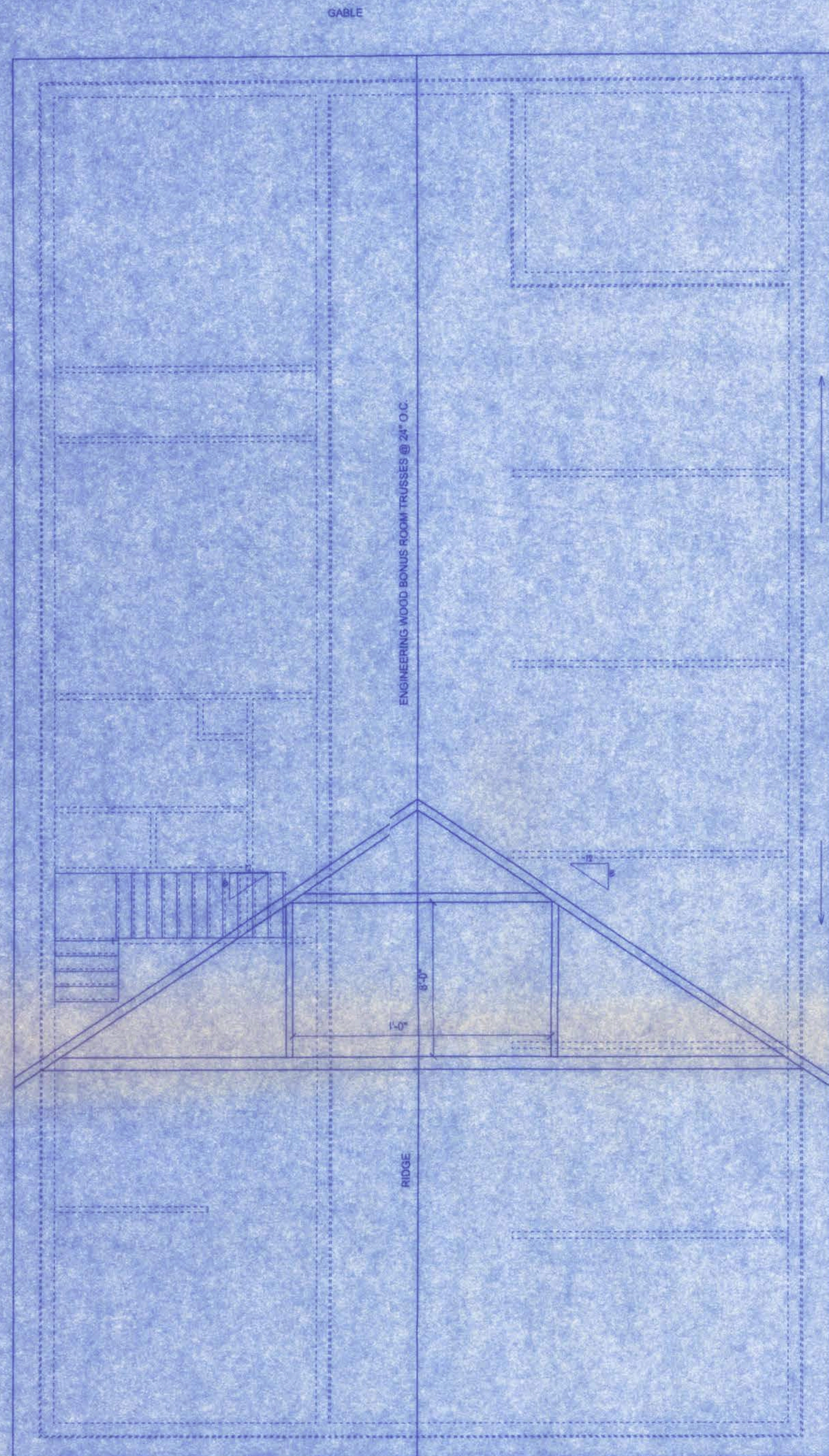
REVISIONS
10/23/06

SHEET: A-3

OF: 6

PROJECT NO.: 06.R051

CERTIFICATE OF AUTHORIZATION # 00008701



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

BUILDING USE, CLASSIFICATION & OCCUPANCY AS PER TABLES 503 & 1004.1.2, FLORIDA BUILDING CODE, 2004 ED.	
BUILDING GROUP/OCCUPANCY	GROUP U
TABLE 503 TYPE OF CONSTRUCTION	TYPE III - B
TABLE 503 AREA/HEIGHT LIMITATIONS	8.50 KSF/2 STORY
OCCUPANCY	
STORAGE AREA: 1,302SF GROSS 1,780 SF / 300 = 5.93 OR 48	48 OCCUPANTS

BUILDING USE, CLASSIFICATION & OCCUPANCY AS PER TABLE 503 & 1004.1.2, FLORIDA BUILDING CODE, 2004 ED.	
BUILDING GROUP/OCCUPANCY	GROUP R-2
TABLE 503 TYPE OF CONSTRUCTION	TYPE III - B
TABLE 503 AREA/HEIGHT LIMITATIONS	16.0 KSF/4 STORY
OCCUPANCY	
RESIDENTIAL AREA: 1,200SF GROSS 151 SF / 200 = 45.03 OR 45	45 OCCUPANTS

DECK REQUIREMENTS:
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DOUBLE UNDERLAYMENT IS REQUIRED.

UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM WITH ASTM D 228, TYPE 1, OR ASTM D 4889, TYPE 1.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF-ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY WITH ASTM D 1070.

ASPHALT SHINGLES:
ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 228 OR ASTM D 3462.

FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE ROOF SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT:
ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN FOUR FASTENERS PER STRIP SINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3181 OR MDC 1 PA 107-95.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:
1. STARTING AT THE EAVE, A 16 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 18 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPES 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:
1. FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16 INCHES WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN TABLE 1507.3.3.2.
2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLYS OF MINERAL SURFACE ROLL ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
1. BOTH TYPES 1 AND 2 ABOVE, COMBINED.
2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1970.

FLASHING PLACED UPLOPE FROM EXPOSED EDGE OF SHINGLE EXTENDING 4 INCHES OVER UNDERLYING SHINGLE AND 4 INCHES UP VERTICAL WALL.

UNDERLAYMENT TURNED UP VERTICAL WALL MIN. 4 INCHES

MIN. 2" OVERLAP

NOTE:
VENTILATION SHALL BE PROVIDED TO FURNISH CROSS VENTILATION OF EACH SEPARATE ATTIC SPACE WITH WEATHER PROTECTED VENTS. ALL VENTS SHALL BE SCREENED TO PROTECT THE INTERIOR FROM INTRUSION OF BIRDS. THE RATIO OF TOTAL NET FREE VENTILATING AREA TO THE AREA OF CEILING SHALL NOT BE LESS THAN 1/150.

PRE-FABRICATED WOOD TRUSSES

WT1 WOOD TRUSSES SHALL BE DESIGNED, SIGNED & SEALED BY A QUALIFIED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA. TRUSSES SHALL BE FABRICATED IN CONFORMANCE WITH THE "QUALITY CONTROL MANUAL" BY TRUSS PLATE INSTITUTE (TPI).

WT2 HANDLING, ERECTION AND BRACING OF WOOD TRUSSES SHALL BE IN ACCORDANCE WITH "HANDLING AND ERECTING WOOD TRUSSES" (HET-80) AND "BRACING WOOD TRUSSES: COMMENTARY AND RECOMMENDATIONS" (BWT-76) BY THE TRUSS PLATE INSTITUTE (TPI).

WT3 PERMANENT BRACING SHALL BE INDICATED IN THE TRUSS LAYOUT DRAWINGS AND SHALL BE SUPPLIED AND INSTALLED BY THE FRAMING CONTRACTOR.

WT4 TRUSSES SHALL BE DESIGNED PER ASCE 7-88 FOR THE FOLLOWING LOADS:
DEAD LOAD 10 psf
LIVE LOAD 20 psf
WIND 110 MPH W/ 3 SECOND WIND GUST
FLOOR DEAD LOAD 20 psf
FLOOR LIVE LOAD 50 psf

WT5 PRE-FABRICATED WOOD TRUSSES SHALL BE FABRICATED FROM SOUTHERN PINE (SPB) KILN DRIED #2 GRADE OR BETTER FOR CHORD AND #3 GRADE OR BETTER FOR WEBS.

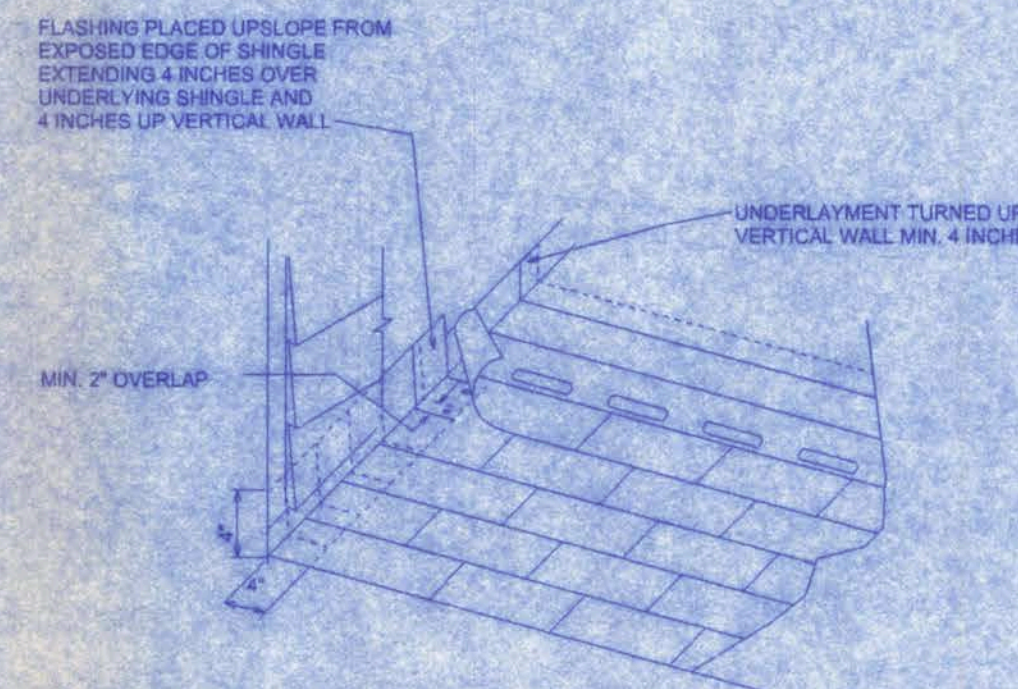
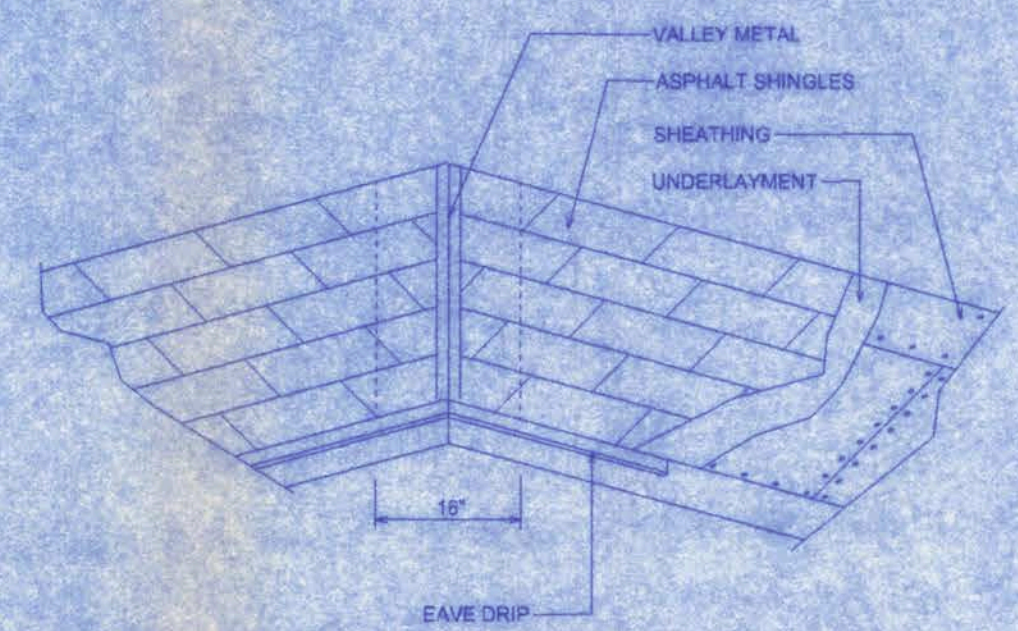
WT6 TRUSS BEARING SHALL BE 4" NOMINAL UNLESS NOTED OTHERWISE. BEARING LOCATIONS MUST BE MARKED ON TRUSS BY FABRICATOR TO INSURE PROPER INSTALLATION.

WT7 SHOP DRAWINGS SHALL BE SUBMITTED WHICH INDICATE DESIGN LOADS, DURATION FACTOR TRUSS LAYOUT, TRUSS CONFIGURATION AND TRUSSES TO TRUSS CONNECTION. SHOP DRAWINGS SHALL SHOW PIECE MARKS, MEMBER SIZE AND GRADE AND CONNECTION DETAILS.

WT8 NO WANE KNOTS, SHIPS OR OTHER DEFECTS SHALL OCCUR IN THE PLATE CONTACT AREA OR SCARFED AREA OF WEB MEMBERS. PLATES SHALL BE CENTERED WITH ONE REQUIRED EACH SIDE OF TRUSS.

WT9 DESIGN OF METAL CONNECTED WOOD ROOF TRUSSES TO COMPLY WITH STANDARD BLDG. CODE NFPA'S "NATIONAL DESIGN SPECIFICATIONS FOR STRESS GRADED LUMBER AND ITS FASTENINGS" AND TRUSS PLATE INSTITUTE'S "DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES".

WT10 WOOD BLOCKING AT TRUSS BEARING SHALL BE LAP 1 GALVANIZED 4"x4" MIN. AND NAILED WITH (20) 10d NAILS AT SPLICE, 10d NAILS @ 16" O.C. ELSEWHERE.



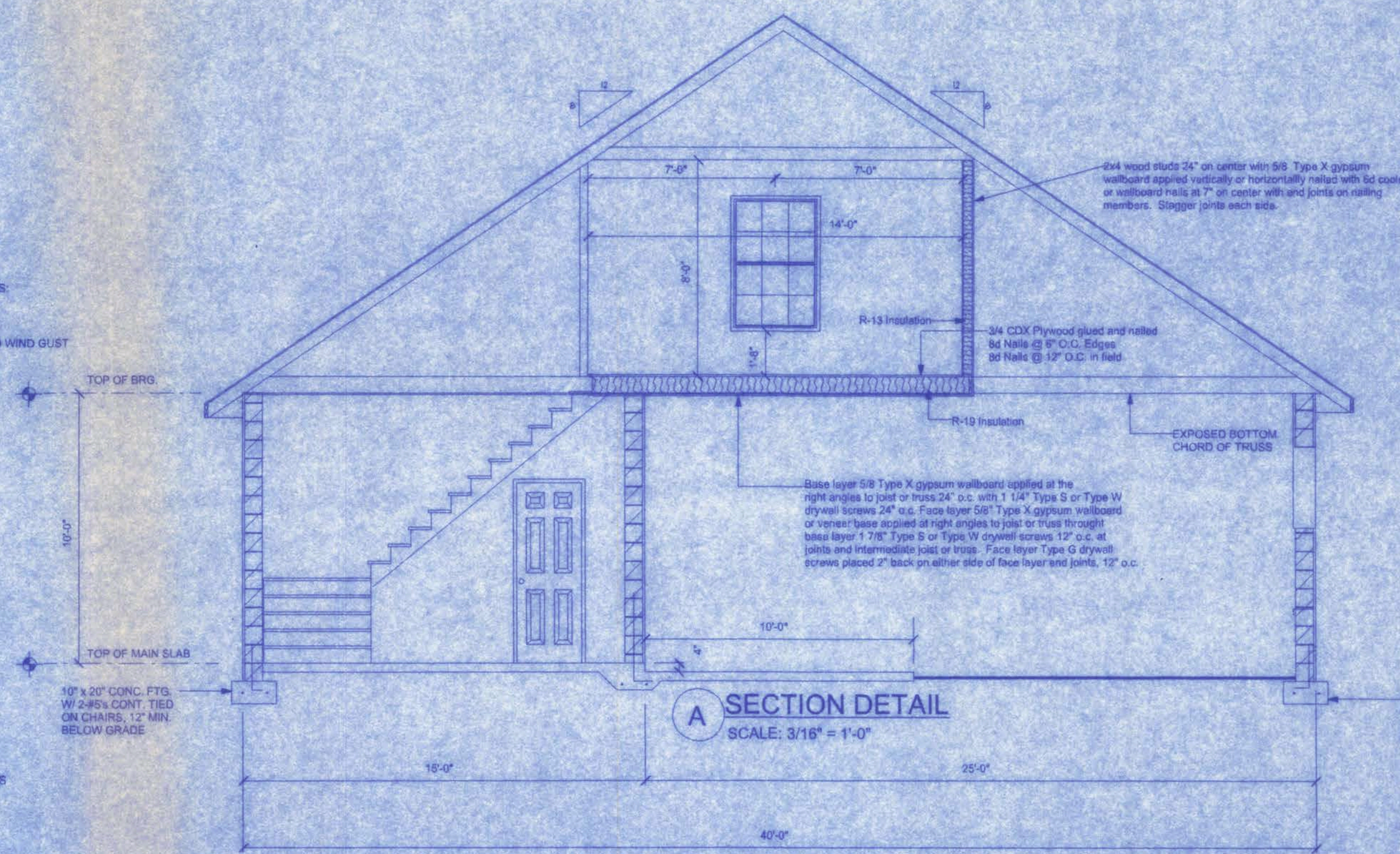
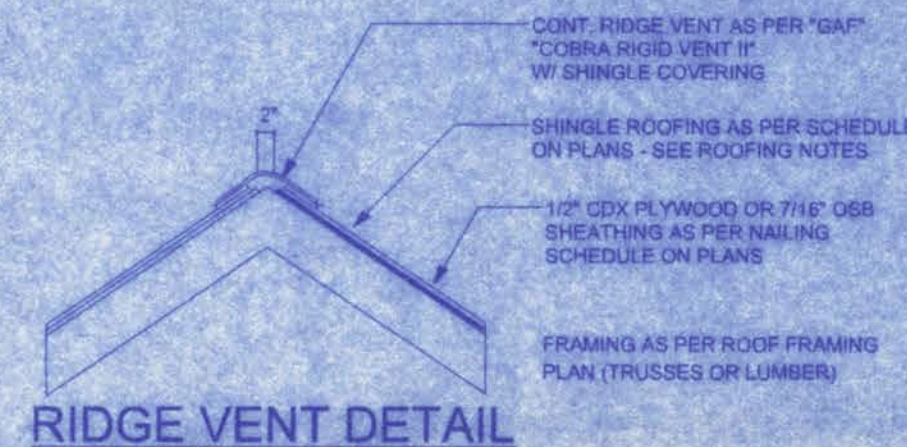
ROOF SHEATHING NAILING ZONES (GABLE ROOF)

ROOF SHEATHING NAILING ZONES (HIP ROOF)

ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/2" O.S.B.	5d COMMON OR 6d HOT DIPPED GALVANIZED BOX NAILS	6 in. o.c. EDGE
2			12 in. o.c. FIELD
3			6 in. o.c. EDGE
			6 in. o.c. FIELD
			4 in. o.c. @ GABLE ENDWALL OR GABLE TRUSS
			6 in. o.c. EDGE
			6 in. o.c. FIELD

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

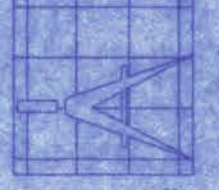


SECTION DETAIL A
SCALE: 3/16" = 1'-0"

John A. Fre
19/3066

MARZILIANO RESIDENCE

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



Freeman
Design Group Inc.

DATE: 8/16/08
DRAWN BY: W.H.F.

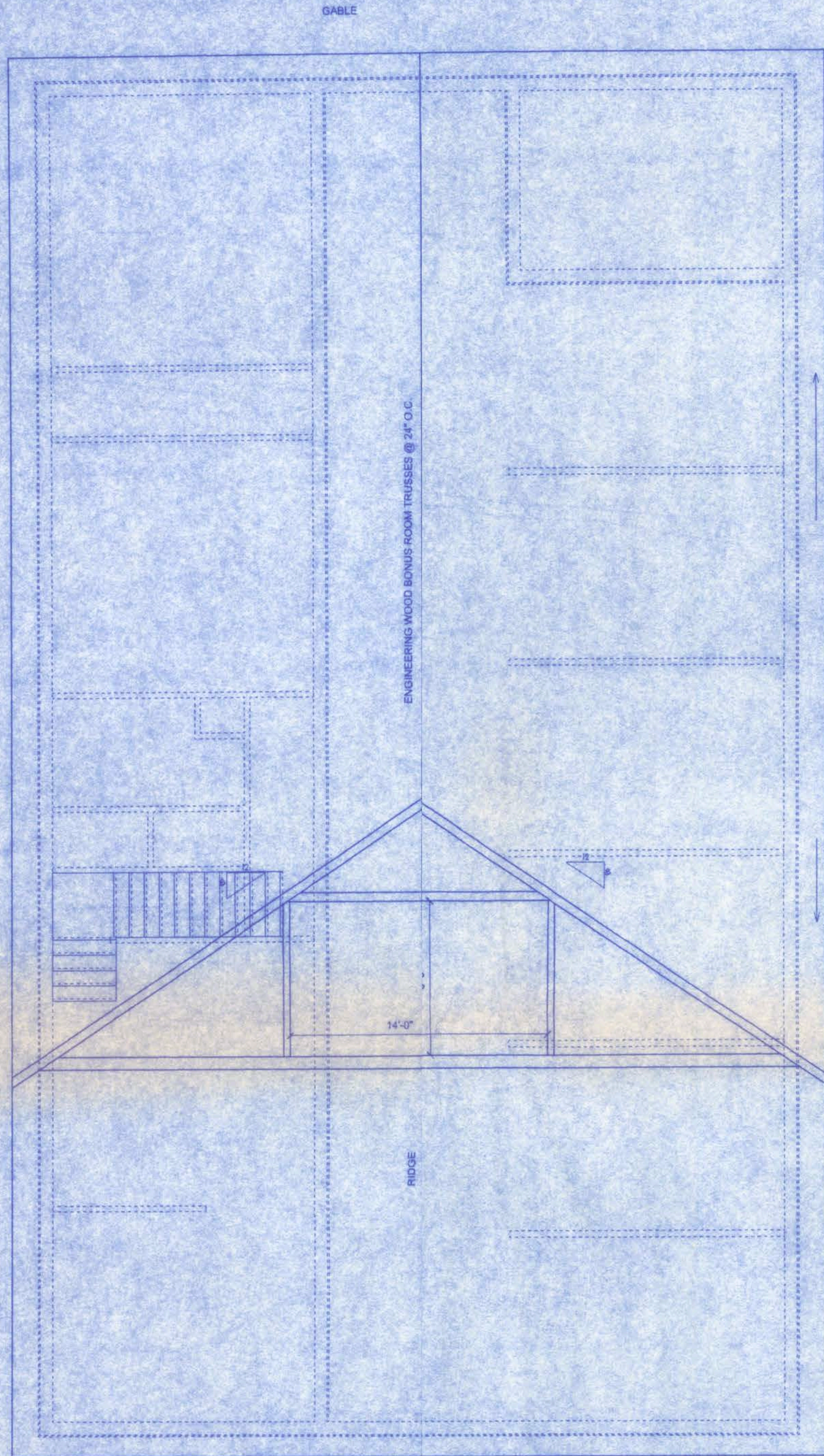
REVISIONS
10/23/06

SHEET: A-4

OF: 6

PROJECT NO.
06 R051

CERTIFICATE OF AUTHORIZATION # 00008701



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

BUILDING USE, CLASSIFICATION & OCCUPANCY AS PER TABLES 503 & 1004.1.2, FLORIDA BUILDING CODE, 2004 ED.		BUILDING USE, CLASSIFICATION & OCCUPANCY AS PER TABLES 503 & 1004.1.2, FLORIDA BUILDING CODE, 2004 ED.	
BUILDING GROUP OCCUPANCY	GROUP U	BUILDING GROUP OCCUPANCY	GROUP R-2
TABLE 503 TYPE OF CONSTRUCTION	TYPE III - B	TABLE 503 TYPE OF CONSTRUCTION	TYPE III - B
TABLE 503 AREA/HEIGHT LIMITATIONS	8.50 KSF/2 STORY	TABLE 503 AREA/HEIGHT LIMITATIONS	16.0 KSF/4 STORY
OCCUPANCY		OCCUPANCY	
STORAGE AREA: 1'200SF GROSS 1'750 SF / 300 ± 5.83 OR 48	46 OCCUPANTS	RESIDENTIAL AREA: 1'200SF GROSS 1'351 SF / 200 ± 45.03 OR 46	46 OCCUPANTS

DECK REQUIREMENTS:
ASPHALT SHINGLES SHALL BE FASTENED TO SOLIDLY SHEATHED DECKS.

SLOPE:
ASPHALT SHINGLES SHALL BE USED ONLY ON ROOF SLOPES OF 2:12 OR GREATER. FOR ROOF SLOPES FROM 2:12 TO 4:12, DOUBLE UNDERLAYMENT IS REQUIRED.

UNDERLAYMENT:
UNLESS OTHERWISE NOTED, UNDERLAYMENT SHALL CONFORM WITH ASTM F 225, TYPE 1, OR ASTM D 4889, TYPE 1.

SELF-ADHERING POLYMER MODIFIED BITUMEN SHEET:
SELF-ADHERING POLYMER MODIFIED BITUMEN SHALL COMPLY WITH ASTM D 1970.

ASPHALT SHINGLES:
ASPHALT SHINGLES SHALL HAVE SELF SEAL STRIPS OR BE INTERLOCKING, AND COMPLY WITH ASTM D 225 OR ASTM D 3482.

FASTENERS:
FASTENERS FOR ASPHALT SHINGLES SHALL BE GALVANIZED, STAINLESS STEEL, ALUMINUM OR COPPER ROOFING NAILS, MINIMUM 12 GAUGE SHANK WITH A MINIMUM 3/8 INCH DIAMETER HEAD, OF A LENGTH TO PENETRATE THROUGH THE ROOFING MATERIAL AND A MINIMUM 3/4" INTO THE ROOF SHEATHING. WHERE ROOF SHEATHING IS LESS THAN 3/4" THICK, THE NAILS SHALL PENETRATE THROUGH THE SHEATHING.

ATTACHMENT:
ASPHALT SHINGLES SHALL BE SECURED TO THE ROOF WITH NOT LESS THAN 4 FOUR FASTENERS PER STRIP SHINGLE OR TWO FASTENERS PER INDIVIDUAL SHINGLE. WHERE ROOFS LOCATED IN BASIC WIND SPEED OF 110 MPH OR GREATER, SPECIAL METHODS OF FASTENING ARE REQUIRED. UNLESS OTHERWISE NOTED, ATTACHMENT OF ASPHALT SHINGLES SHALL CONFORM WITH ASTM D 3181 OR M-DC PA 107-95.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FROM 2:12 TO 4:12, UNDERLAYMENT SHALL BE A MINIMUM OF TWO LAYERS APPLIED AS FOLLOWS:
1. STARTING AT THE EAVE, A 19 INCH STRIP OF UNDERLAYMENT SHALL BE APPLIED PARALLEL WITH THE EAVE AND FASTENED SUFFICIENTLY TO STAY IN PLACE.
2. STARTING AT THE EAVE, 36 INCH WIDE STRIPS OF UNDERLAYMENT FELT 5 SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPES 4:12 AND GREATER, UNDERLAYMENT SHALL BE A MINIMUM OF ONE LAYER OF UNDERLAYMENT FELT APPLIED AS FOLLOWS:
STARTING AT THE EAVE, UNDERLAYMENT SHALL BE APPLIED SHINGLE FASHION PARALLEL TO THE EAVE, LAPPED 2 INCHES, AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROOFING WEIGHING A MINIMUM OF 77 LBS PER 100 SQUARE FEET. CAP FLASHING SHALL BE CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS OF 0.019 INCH.

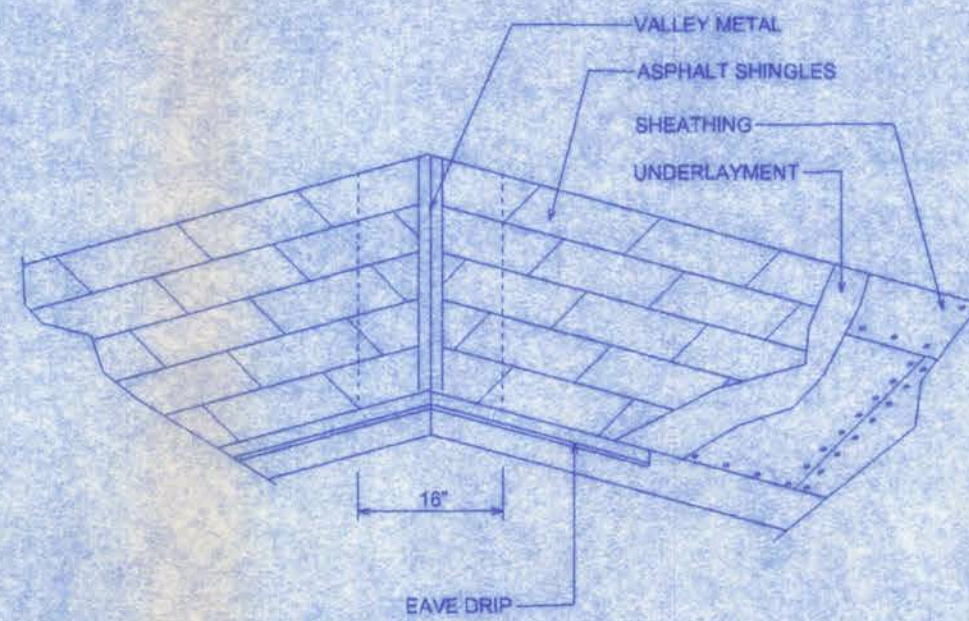
VALLEYS:
VALLEY LININGS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS BEFORE APPLYING ASPHALT SHINGLES. VALLEY LININGS OF THE FOLLOWING TYPES SHALL BE PERMITTED:
1. FOR OPEN VALLEYS LINED WITH METAL, THE VALLEY LINING SHALL BE AT LEAST 16 INCHES WIDE AND OF ANY OF THE CORROSION RESISTANT METALS IN TABLE 1507.2.3.2.2.
2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLYS OF MINERAL SURFACE ROOFING SHALL BE PERMITTED. THE BOTTOM LAYER SHALL BE 18 INCHES AND THE TOP LAYER A MINIMUM OF 36 INCHES WIDE.
3. FOR CLOSED VALLEYS VALLEY LINING SHALL BE ONE OF THE FOLLOWING:
1. BOTH TYPES 1 AND 2 ABOVE, COMBINED.
2. ONE PLY OF SMOOTH ROLL ROOFING AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 224.
3. SPECIALTY UNDERLAYMENT AT LEAST 36 INCHES WIDE AND COMPLYING WITH ASTM D 1970.

NOTE:

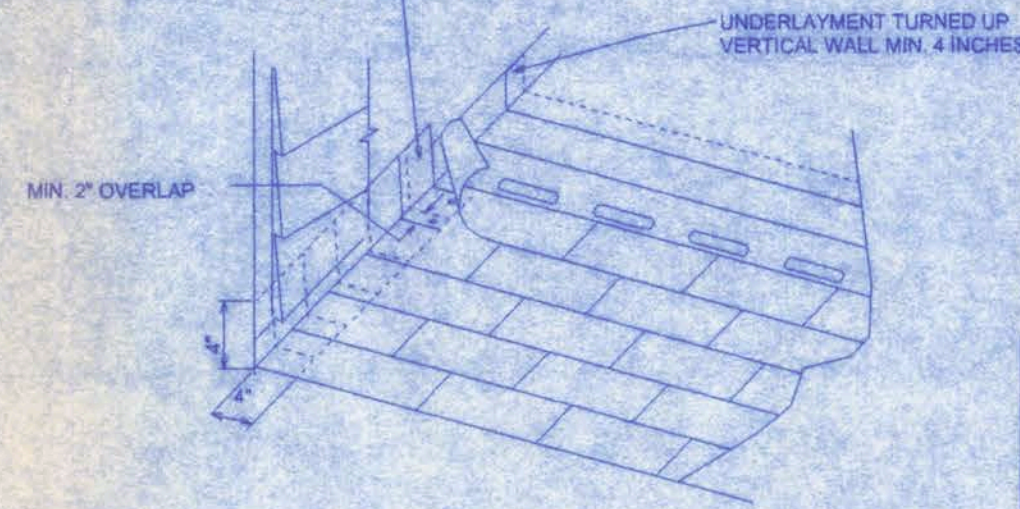
VENTILATION SHALL BE PROVIDED TO FURNISH CROSS VENTILATION OF EACH SEPARATE ATTIC SPACE WITH WEATHER PROTECTED VENTS. ALL VENTS SHALL BE SCREENED TO PROTECT THE INTERIOR FROM INTRUSION OF BIRDS. THE RATIO OF TOTAL NET FREE VENTILATING AREA TO THE AREA OF CEILING SHALL NOT BE LESS THAN 1/160.

PRE-FABRICATED WOOD TRUSSES

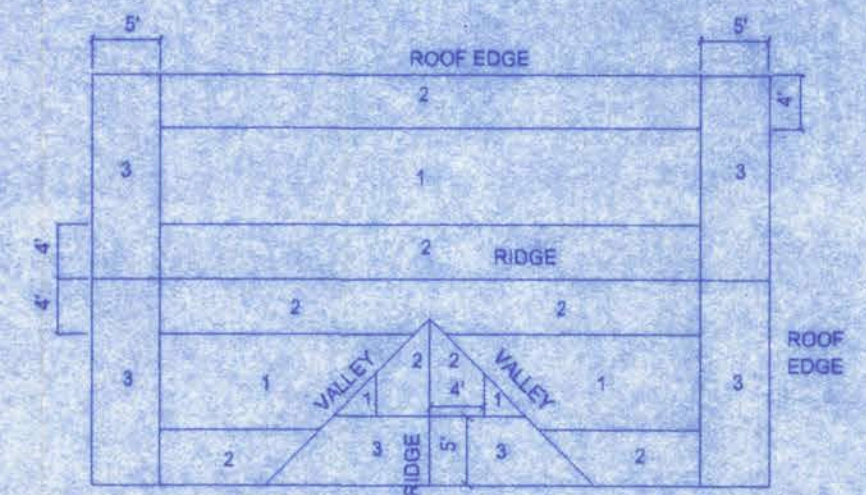
- WT1 WOOD TRUSSES SHALL BE DESIGNED, SIGNED & SEALED BY A QUALIFIED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA. TRUSSES SHALL BE FABRICATED IN CONFORMANCE WITH THE "QUALITY CONTROL MANUAL" BY TRUSS PLATE INSTITUTE (TPI).
- WT2 HANDLING, ERECTION AND BRACING OF WOOD TRUSSES SHALL BE IN ACCORDANCE WITH "HANDLING AND ERECTING WOOD TRUSSES" (HET80) AND "BRACING WOOD TRUSSES: COMMENTARY AND RECOMMENDATIONS" (BW7-76) BY THE TRUSS PLATE INSTITUTE (TPI).
- WT3 PERMANENT BRACING SHALL BE INDICATED IN THE TRUSS LAYOUT DRAWINGS AND SHALL BE SUPPLIED AND INSTALLED BY THE FRAMING CONTRACTOR.
- WT4 TRUSSES SHALL BE DESIGNED PER ASCE 7-88 FOR THE FOLLOWING LOADS:
DEAD LOAD 10 PSF
LIVE LOAD 20 PSF
WIND 110 MPH W/ 3 SECOND WIND GUST
FLOOR DEAD LOAD 20 PSF
FLOOR LIVE LOAD 50 PSF
- WT5 PRE-FABRICATED WOOD TRUSSES SHALL BE FABRICATED FROM SOUTHERN PINE (SP5) KILN DRIED #2 GRADE OR BETTER FOR CHORD AND #3 GRADE OR BETTER FOR WEBS.
- WT6 TRUSS BEARING SHALL BE 4" NOMINAL UNLESS NOTED OTHERWISE. BEARING LOCATIONS MUST BE MARKED ON TRUSS BY FABRICATOR TO INSURE PROPER INSTALLATION.
- WT7 SHOP DRAWINGS SHALL BE SUBMITTED WHICH INDICATE DESIGN LOADS, DURATION FACTOR TRUSS LAYOUT, TRUSS CONFIGURATION AND TRUSS TO TRUSS CONNECTION. SHOP DRAWINGS SHALL SHOW PIECE MARKS, MEMBER SIZE AND GRADE AND CONNECTION DETAILS.
- WT8 NO WANE, KNOTS, SKIPS OR OTHER DEFECTS SHALL OCCUR IN THE PLATE CONTACT AREA OR SCARFED AREA OF WEB MEMBERS. PLATES SHALL BE CENTERED WITH ONE REQUIRED EACH SIDE OF TRUSS.
- WT9 DESIGN OF METAL CONNECTED WOOD ROOF TRUSSES TO COMPLY WITH STANDARD BLDG. CODE WITH NATIONAL DESIGN SPECIFICATIONS FOR STEEL (AISC) LATER AND ITS FASTENINGS, AND TRUSS PLATE INSTITUTE'S DESIGN SPECIFICATIONS FOR LIGHT METAL PLATE CONNECTED WOOD TRUSSES.
- WT10 WOOD BLOCKING AT TRUSS BEARING SHALL BE LAP SPLICED 4'-0" MIN. AND NAILED WITH (20) 10d NAILS AT SPLICE, 10d NAILS @ 16" O.C. ELSEWHERE.



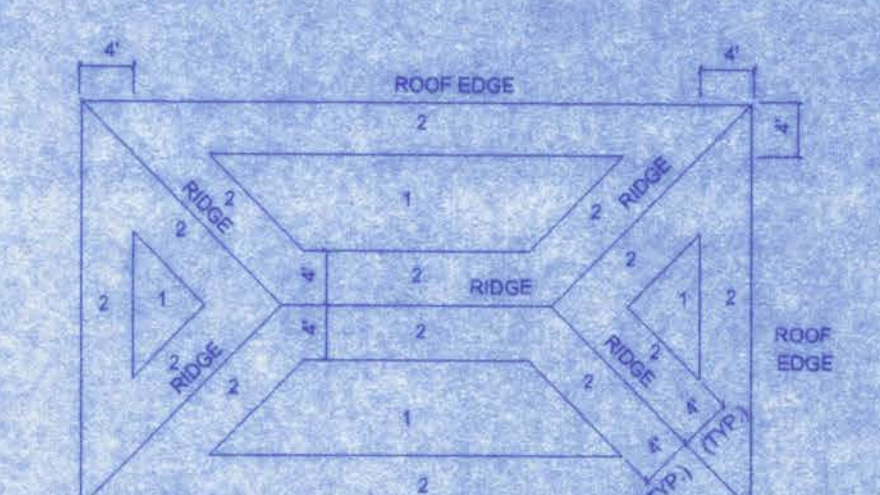
FLASHING PLACED UPSLOPE FROM EXPOSED EDGE OF SHINGLE EXTENDING 4 INCHES OVER UNDERLYING SHINGLE AND 4 INCHES UP VERTICAL WALL.



ROOF SHEATHING NAILING ZONES (GABLE ROOF)



ROOF SHEATHING NAILING ZONES (HIP ROOF)

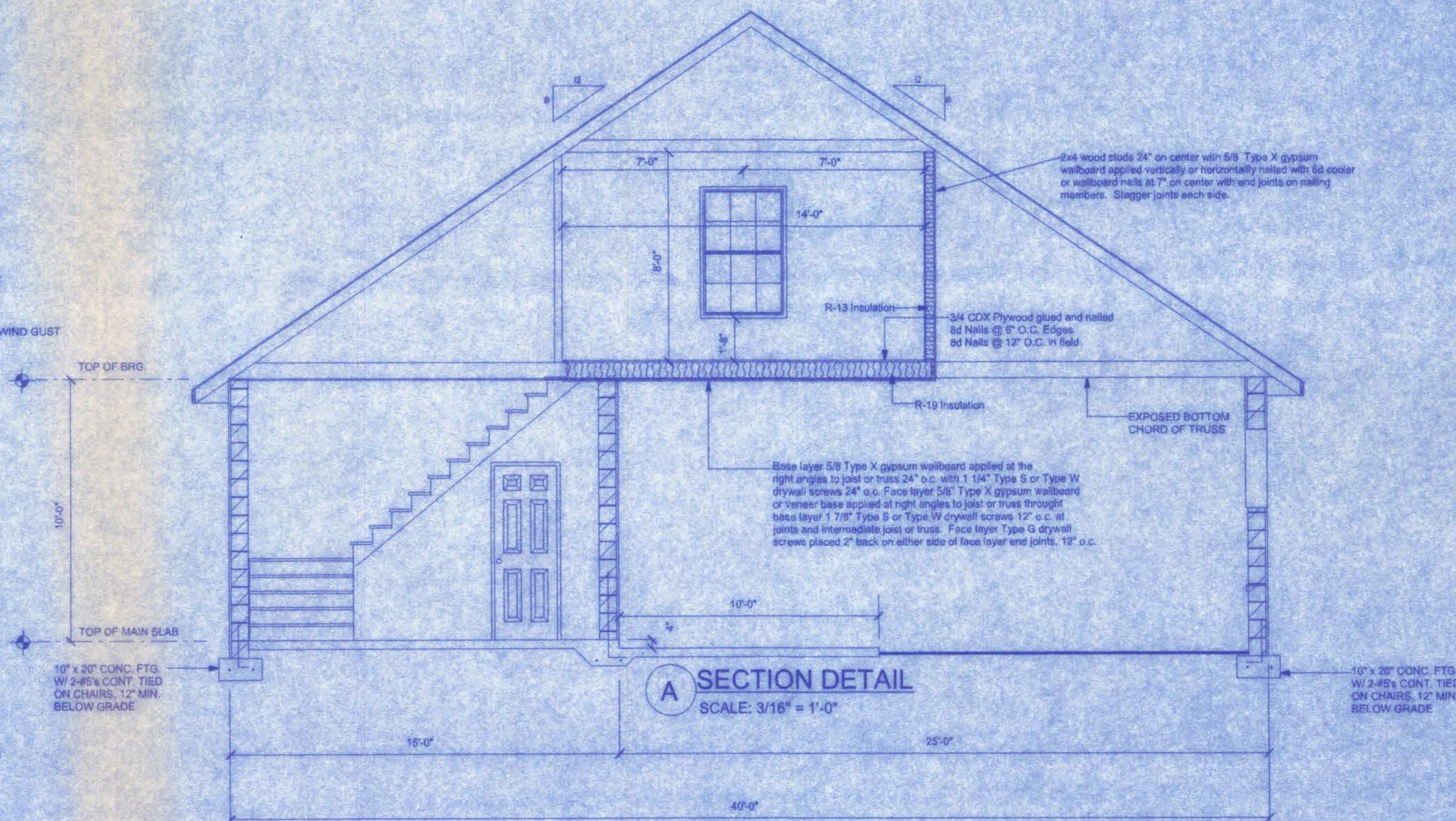
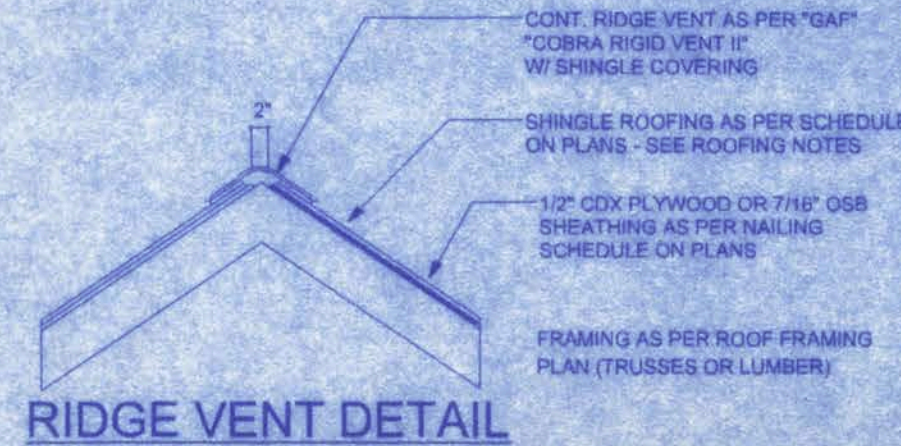


ROOF SHEATHING FASTENINGS

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

VENTILATION REQUIREMENTS

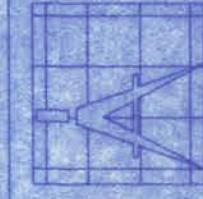
Total Attic Square Footage	Recommended Length of Cobra Rigid Vent II (Feet)	Minimum Intake Ventilation (Net Free Area in Sq. In.)
1600	21	384
1900	25	456
2200	29	528
2500	33	600
2800	41	744
3100	41	820
3400	45	816



SECTION DETAIL A
SCALE: 3/16" = 1'-0"

MARZILIANO RESIDENCE

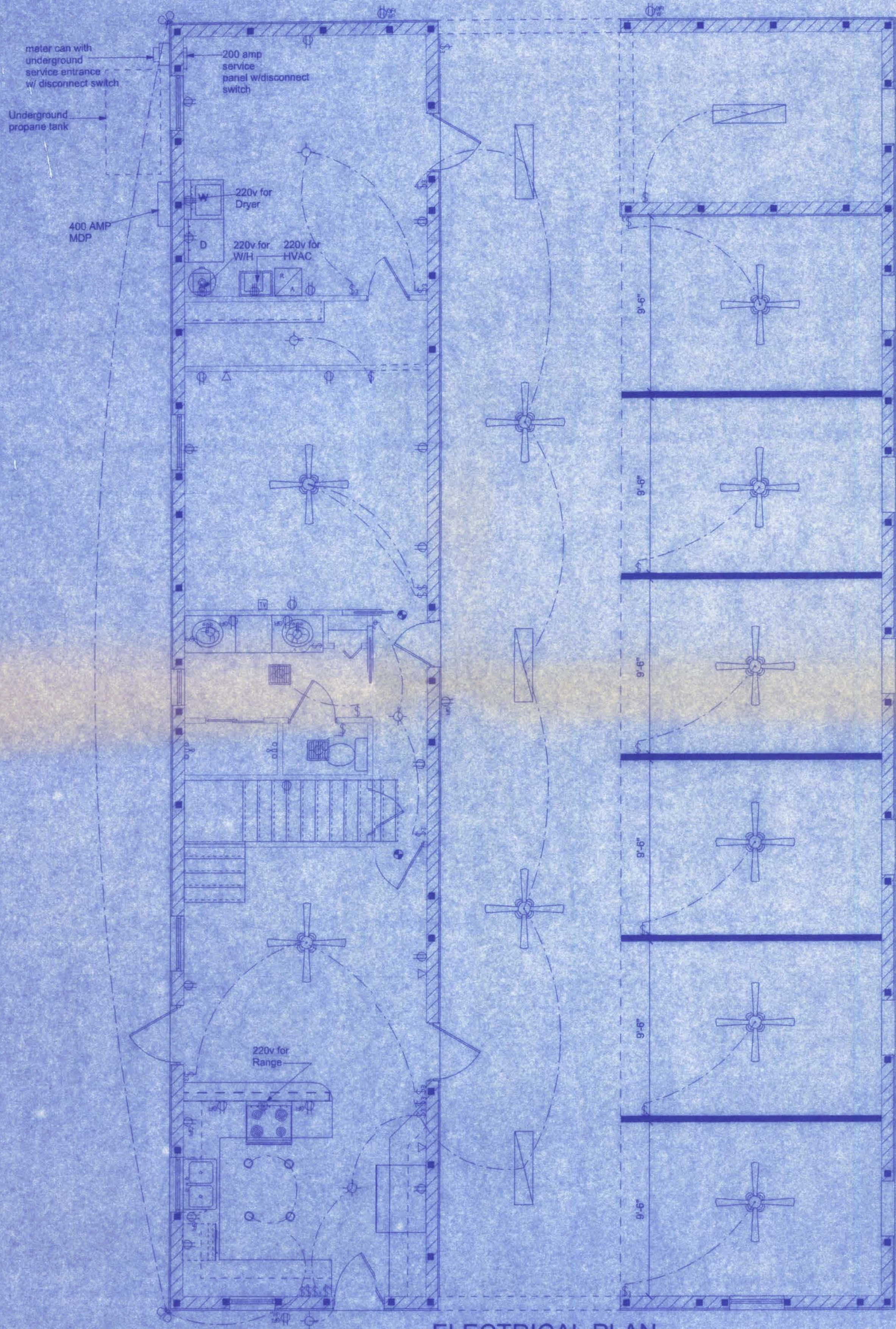
161 N.W. MADISON STREET
SUITE #102
LAKE CITY, FL 32055
(386) 758-4209



Freeman
Design Group, Inc.

DATE 8/6/06	DRAWN BY W.H.F.
REVISIONS 10/23/06	
SHEET A-1	
OF 6	
PROJECT NO. 06.R051	

CERTIFICATE OF AUTHORIZATION # 00008701



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

ELECTRICAL	COUNT	SYMBOL
ceiling fan spotlights	10	
double spotlight	2	
fluorescent fixture	4	
pot light	4	
electrical panel	1	
meter can	1	
MOTOR	1	
NON FUSED DISC	1	
50 cfm exhaust fan	2	
cable tv outlet	1	
light	9	
outlet	17	
outlet 220v	4	
outlet gfi	7	
smoke detector	2	
switch	15	
switch 3 way	12	
telephone	3	
weather proof GFI	3	

ELECTRICAL PLAN NOTES

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

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

INSTALLATION SHALL BE PER NATL. 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.

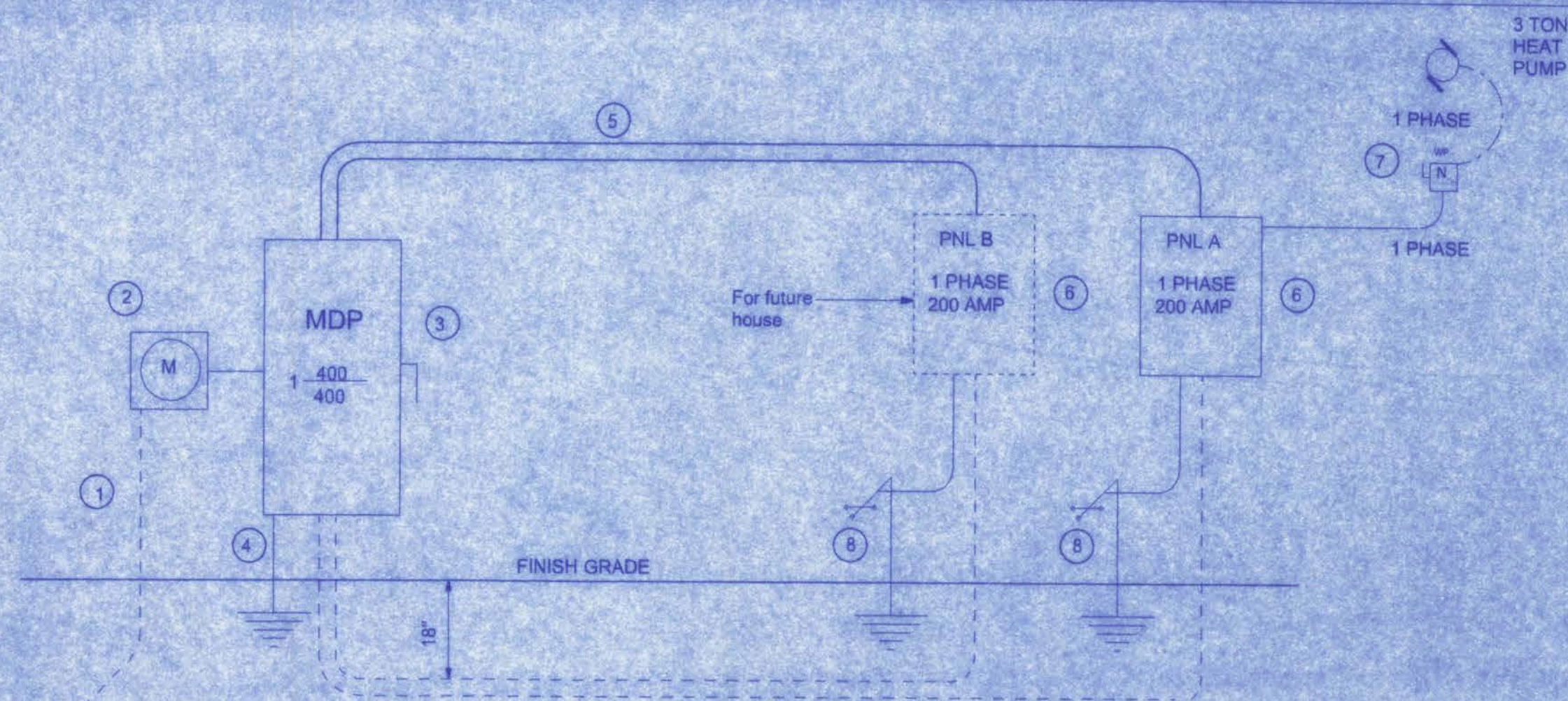
ELECTRICAL CONTR. SHALL PREPARE "AS-BUILT" SHOP DWGS INDICATING ALL ELECTRICAL WORK, INCLUDING ANY CHANGES TO THE ELEC. PLAN, ADDNS TO THE ELEC. PLAN, RISER DIAGRAM, AS-BUILT PANEL SCHEDULE W/ ALL CKTS IDENTIFIED W/ CKT Nr., DESCRIPTION & BRKR, SERVICE ENT. & ALL UNDERGROUND WIRE LOCATIONS/ROUTING/DEPTH. 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:

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.

NOTE:

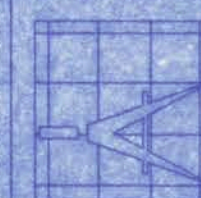
ALL WIRING IN STALL AREAS SHALL BE NON-CORROSIVE.



- (5) (ALTERNATE LOCATION)
- ① Service/Feeder Entrance Conductors: 2 1/2" rigid conduit, min 18" deep, w/ continuous ground bonding conductor. Service/Entrance Conductors shall not be spliced except that buried connections at the Meter, Disconnecting Devices and Panel shall be allowed.
- ② Existing Meter Enclosure, weatherproof, U.L. Listed.
- ③ Main Disconnect Switch: fused or Main Breaker, weatherproof, U.L. Listed.
- ④ Service entrance ground: 5/8" diameter iron/steel rod x 8'-0" long and/or concrete encased foundation steel rebar x 20'-0" long. Grounding conductor shall be bonded to each piece of Service/Entrance Equipment, and shall be sized per Item #5 below.
- ⑤ 200 Ampere Feeder: 3-3/0-THW-Cu, 1-#2-Cu-GND, 2 1/2" Conduit.
- ⑥ House Panel (PNL), U.L. Listed, sized per schedule.
- ⑦ Equipment Disconnect Switch: non-fused, in weather proof enclosure, size according to Panel Schedule loads.
- ⑧ Provide Ground Bond Wire to metal piping, size in accordance with the Service Ground Conductor.

MARZILIANO RESIDENCE

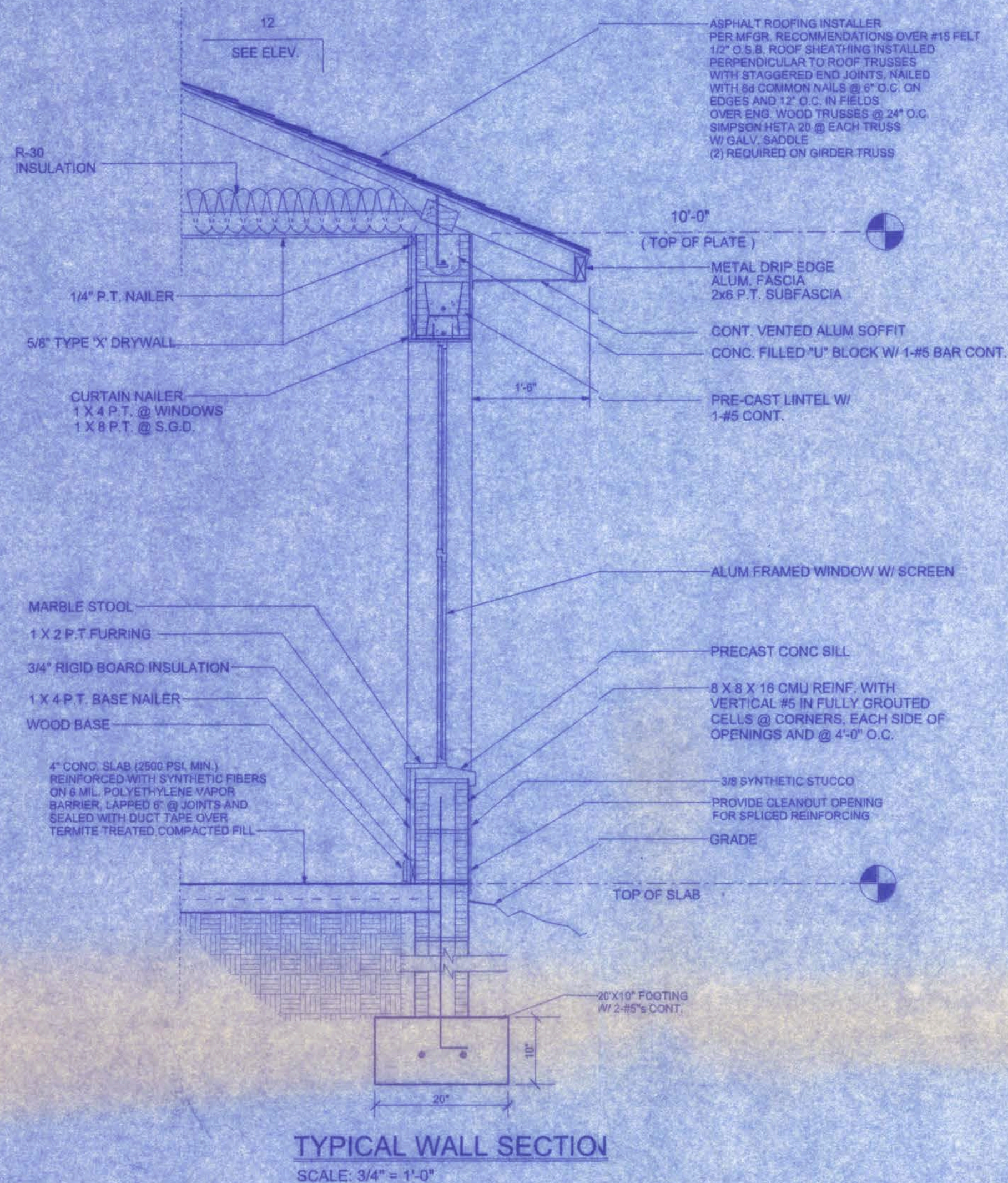
151 N.W. MADISON STREET
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(386)758-4209



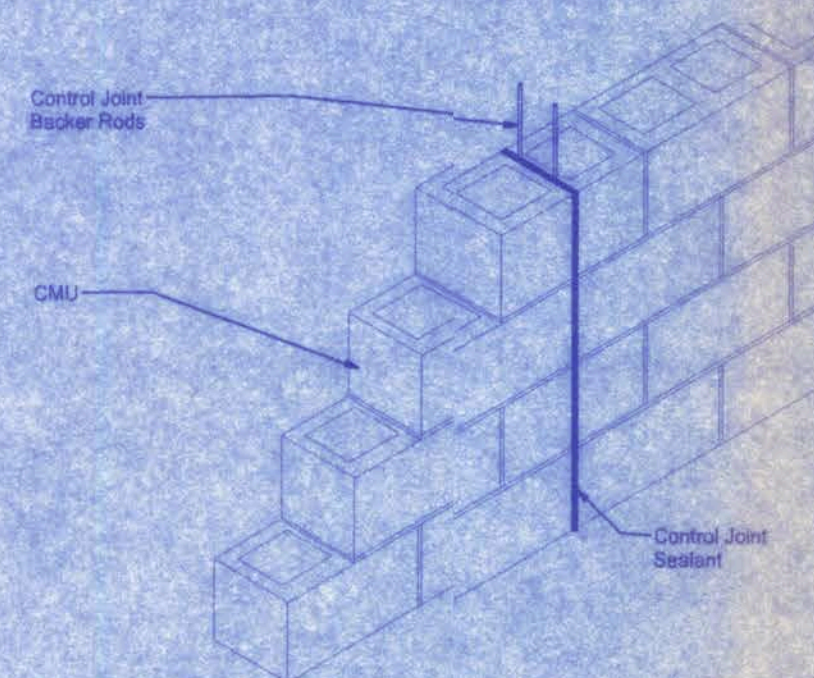
Freeman
Design Group, Inc.

CERTIFICATE OF AUTHORIZATION # 0000701

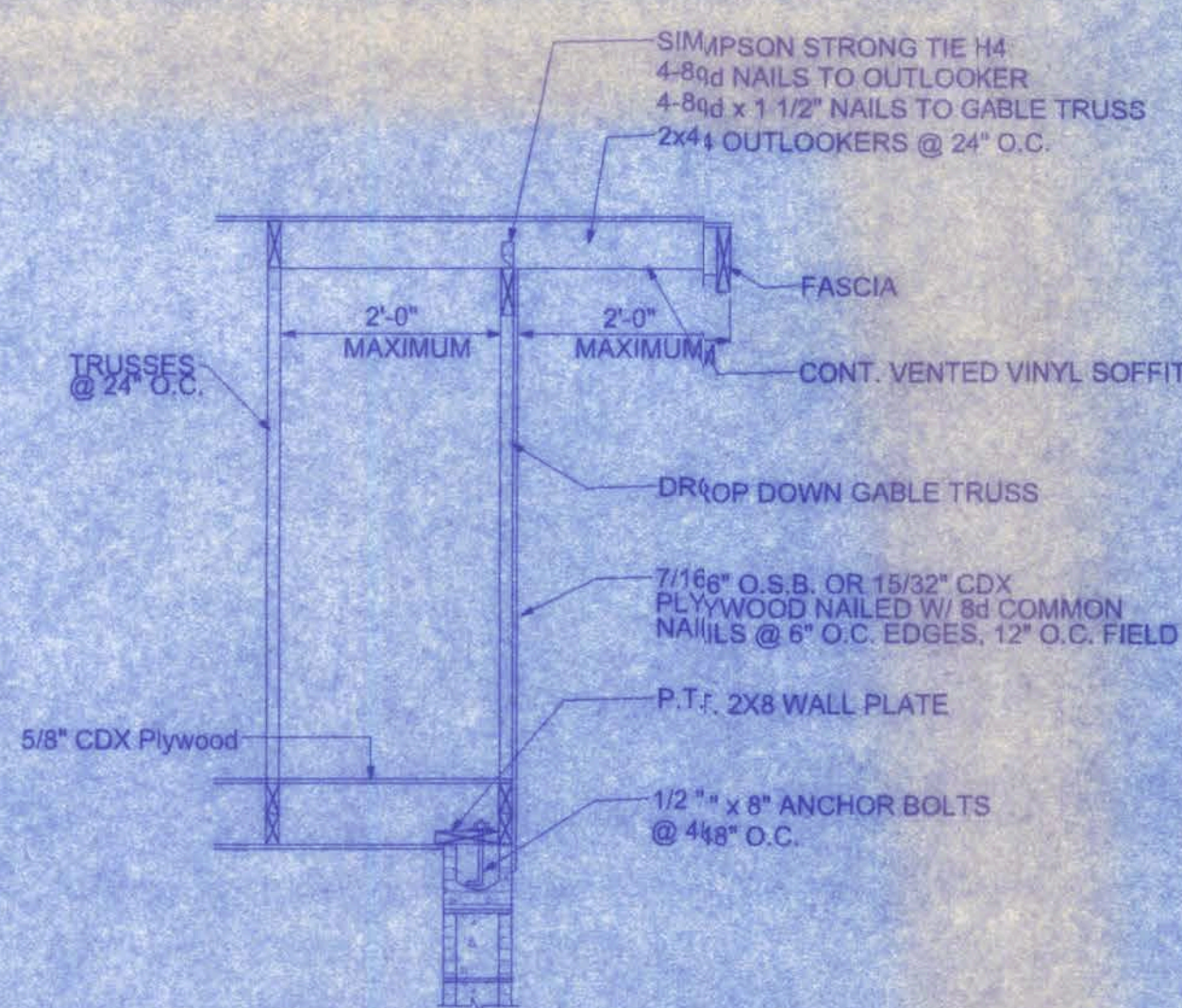
DATE	DRAWN BY
8/18/06	W.H.F.
REVISIONS	
10/23/06	
SHEET	A-5
OF	6
PROJECT NO.	
06.R051	



TYPICAL WALL SECTION
SCALE: 3/4" = 1'-0"

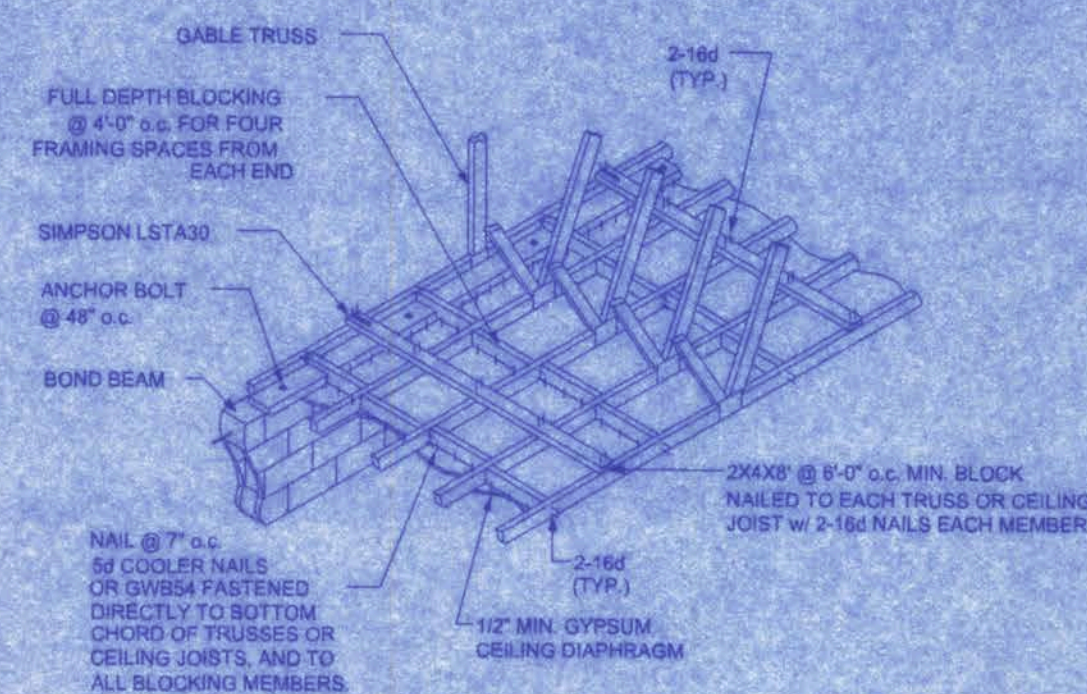


CONTROL JOINT LOCATION
NTS

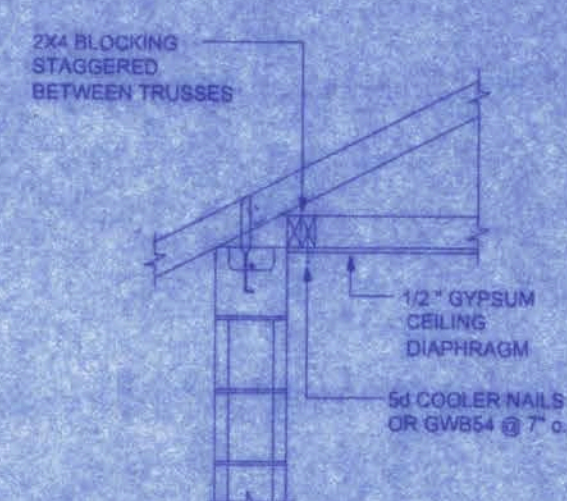


GABLE FRAMING
NTS

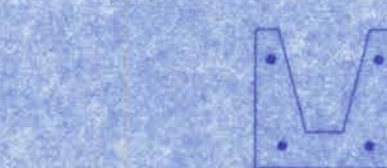
CONNECTOR SCHEDULE FOR TRUSS ANCHORAGE						
CONNECTOR	1 PLY TRUSS	2 PLY TRUSS	EMBED	UPLIFT PROVIDED	MANUFACTURER	
HETA20	16-10d NAILS		4"	1,280 LBS	SIMPSON	
HETA20		11-16d NAILS	4"	1,890 LBS	SIMPSON	
	TRUSS B2 AND C3		T.BEAM			
MGT	22-10d NAILS		1-5/8" 10"ANCHOR BOLT		3,065 LBS	SIMPSON
LG22	16-16d SUNKER		7. 1/4 2.1/4 TITEN		2,150 LBS	SIMPSON



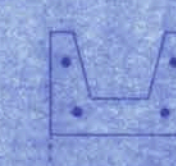
A DIRECT TRUSS TO MASONRY CONNECTION
ENDWALL FOR GYPSUM CEILING DIAPHRAGM



B GYPSUM CEILING DIAPHRAGM
TO SIDEWALL CONNECTION



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



TYPE	TOP BARS	BOTTOM BARS
A	NONE	2-#3
B	NONE	2-#4
C	2-#2	2-#4

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.

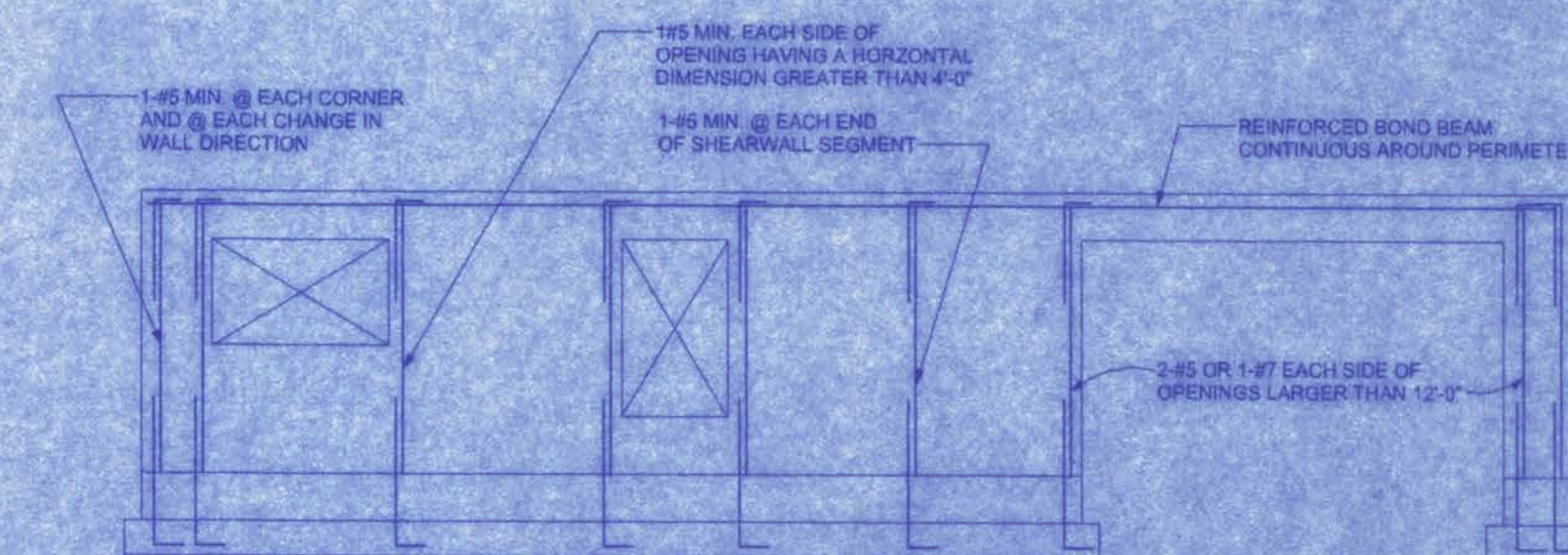
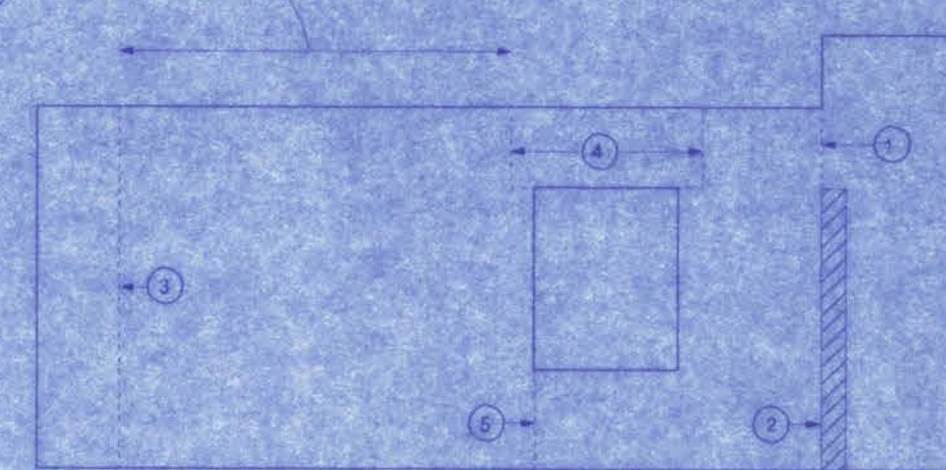
DOORWAY HEADER

DOOR SIZE	TYPE	FILLED + BEAM
3'-0"	A	6000+ PLF
5'-0"	B	5689 PLF
6'-0"	C	4262 PLF

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

Control joints should be spaced every 100' to 125' along unbroken wall lengths and:

- At changes in wall height or thickness
- At columns, pilasters, and wall intersections
- Near corners
- On both sides of openings > 6'
- On one side of openings < 6'



EXTERIOR WALL REINFORCEMENT SUMMARY
ONE STORY (TWO STORY SIMILAR)
NTS

W.H.F.
10/30/06

MARZILIANO RESIDENCE

101 N.W. MADISON STREET
SUITE #102
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Freeman
Design Group, Inc.

DATE	DRAWN BY
8/18/06	W.H.F.
REVISIONS	
10/23/06	
SHEET	A-6
PROJECT NO.	06.R051

CERTIFICATE OF AUTHORIZATION # 00008701