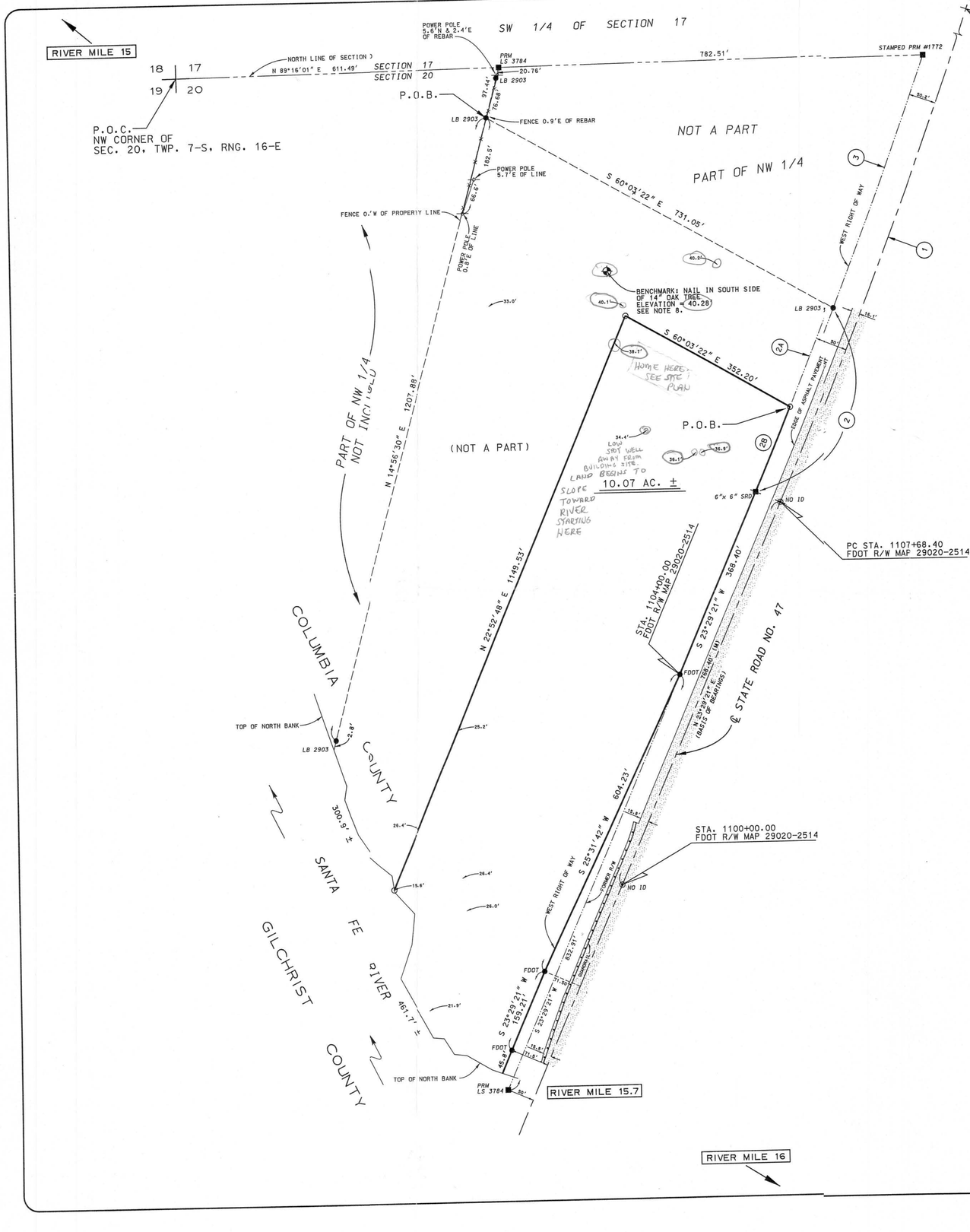
0706-01 SEE ELEVATIONS BELOW

#0706-01 FERGUSON

BOUNDARY SURVEY

IN

SECTION 20, TOWNSHIP 7 SOUTH, RANGE 16 EAST
COLUMBIA COUNTY, FLORIDA



DESCRIPTION:

COMMENCE AT THE NORTHWEST CORNER OF SECTION 20, TOWNSHIP 7 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE N 89°16'01" E, ALONG THE NORTH LINE OF SECTION 20, 611.49 FEET; THENCE S 14°56'30" E, 97.44 FEET; THENCE S 60°03'22" E, 731.05 FEET TO THE WESTERLY RIGHT OF WAY OF STATE ROAD NO. 47 AND TO A POINT ON A CURVE; THENCE RUN SOUTHERLY, ALONG SAID WESTERLY RIGHT OF WAY, ALONG THE ARC OF SAID CURVE CONCAVE TO THE NORTHWEST, HAVING A RADIUS OF 11409.16 FEET, A DELTA OF 01°00'16", A CHORD BEARING AND DISTANCE OF S 22°06'29" W - 200.00 FEET, AN ARC DISTANCE OF 200.00 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE SOUTHERLY, ALONG SAID WESTERLY RIGHT OF WAY, ALONG THE ARC OF SAID CURVE CONCAVE TO THE NORTHWEST, HAVING A RADIUS OF 11409.16 FEET, A DELTA OF 00°51'32", A CHORD BEARING AND DISTANCE OF S 23°02'23" W - 171.04 FEET, AN ARC DISTANCE OF 171.05 FEET; THENCE CONTINUE, ALONG SAID WESTERLY RIGHT OF WAY, THE FOLLOWING COURSES: S 23°29'21" W, 368.40 FEET; S 25°31'42" W, 604.23 FEET; S 23°29'21" W, 159.21 FEET TO A 1/2" REBAR & CAP (FDOT); S 23°29'21" W, 45.8 FEET, MORE OR LESS, TO THE NORTH BANK OF THE SANTA FE RIVER AND TO THE END OF SAID COURSES; THENCE RUN NORTHWESTERLY, ALONG SAID NORTH BANK OF THE SANTA FE RIVER, 461.7 FEET, MORE OR LESS, TO A SET 5/8" REBAR & CAP (LB6685); THENCE N 22°52'48" E, 1149.53 FEET; THENCE S 60°03'22" E, 352.20 FEET TO THE POINT OF BEGINNING.

CONTAINING 10.07 ACRES, MORE OR LESS.

NOTES:

1. BEARINGS ARE BASED ON THE CENTERLINE OF STATE ROAD NO. 47, BEING N 23°29'21" E (PER FDOT R/W MAP 29020-2514).
2. SUBJECT PROPERTY LIES IN FLOOD ZONE "AE", AN AREA INSIDE OF THE 100-YEAR FLOOD PLAIN PER FLOOD INSURANCE RATE MAP COMMUNITY PANEL NO. 120070 0255 B. LAST REVISION DATE JANUARY 6, 1988. FLOOD ZONE LINES, IF ANY, ARE SCALED FROM FLOOD INSURANCE RATE MAPS, PROVIDED BY FEMA.
3. RIVER MILE 15.7:
   100-YEAR FLOOD ELEVATION = 36 FEET
   10-YEAR FLOOD ELEVATION = 32 FEET
   2-YEAR FLOOD ELEVATION = 26 FEET
4. ONLY THOSE VISIBLE INTERIOR IMPROVEMENTS AND IMPROVEMENTS PERTINENT TO THE SUBJECT PROPERTY HAVE BEEN LOCATED AS SHOWN HEREON. EXCEPTION IS MADE HEREON TO UNDERGROUND FACILITIES AND OTHER IMPROVEMENTS NOT VISIBLE OR KNOWN AT DATE OF SURVEY.
5. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OR TITLE POLICY. THEREFORE, EXCEPTION IS MADE HEREIN REGARDING EASEMENTS, RESERVATIONS AND RESTRICTIONS OF RECORD NOT PROVIDED BY THE CLIENT.
6. CLOSURE EXCEEDS 1 : 10,000.
7. SCALE AND GRAPHIC LOCATION OF FENCES, GUARDRAIL, UTILITY POLES AND SOME MONUMENTS MAY BE EXAGGERATED FOR CLARITY.
8. THE BENCHMARK IS A NAIL IN THE SOUTH SIDE OF A 14" OAK TREE SET BY ALACHUA COUNTY LAND SURVEYORS INC. WITH ELEVATION OF 40.28 FEET. ELEVATIONS WERE BASED ON A FDOT BENCHMARK AT THE NORTHWEST CORNER OF THE BRIDGE OVER THE SANTA FE RIVER ON STATE ROAD NO. 47. ELEVATIONS WERE BASED ON THE NATIONAL GEODETIC VERTICAL DATUM.
9. THIS SURVEY WAS BASED ON PREVIOUS SURVEY BY ALACHUA COUNTY LAND SURVEYORS, INC., DATED FEBRUARY 11, 2002 (JOB NUMBER 202-029).
10. TRAIL ACCESS ROADWAY NOT LOCATED.

CURVE DATA

CURVE NO.	RADIUS	DELTA	ARC LENGTH	CHORD DIST.	CHORD BEARING
1	11,459.16'	08°33'00"	1,710.00'	1,708.41'	S 19°12'51" W
2	11,409.16'	01°51'48"	371.05'	371.03'	S 22°32'15" W
2A	11,409.16'	01°00'16"	200.00'	200.00'	S 22°06'29" W
2B	11,409.16'	00°51'32"	171.05'	171.04'	S 23°02'23" W
3	11,409.16'	02°30'46"	500.37'	500.33'	S 20°21'52" W

LEGEND

○ DENOTES 5/8" IRON ROD & CAP SET (LB6685)	N - NORTH
● DENOTES IRON PIPE OR REBAR FOUND	E - EAST
□ DENOTES 4"x4" CONCRETE MONUMENT SET (LB6685)	S - SOUTH
■ DENOTES 4"x4" CONCRETE MONUMENT FOUND	W - WEST
◉ DENOTES NAIL & DISK FOUND	℄ - CENTERLINE
DENOTES FENCE	(P) - PLAT
DENOTES OVERHEAD ELECTRIC	(D) - DEED
DENOTES POWER POLE	(C) - CALCULATED
DENOTES GUY ANCHOR	(M) - MEASURED
CONCRETE	O/S - OFFSET
FND - FOUND	NO ID - NO IDENTIFICATION
± - MORE OR LESS	CM - CONCRETE MONUMENT
PC - POINT OF CURVATURE	IP - IRON PIPE
PT - POINT OF TANGENCY	IPC - IRON PIPE & CAP
PI - POINT OF INTERSECTION	RB - REBAR
PRC - POINT OF REVERSE CURVATURE	RBC - REBAR & CAP
PCC - POINT OF COMPOUND CURVATURE	IR - IRON ROD
R - RADIUS	IRC - IRON ROD & CAP
T - TANGENT	NL - NAIL
L - ARC LENGTH	NL+D - NAIL & DISK
Δ - CENTRAL ANGLE	ORB - OFFICIAL RECORDS BOOK
CH - CHORD BEARING & DISTANCE	PG - PAGE(S)
PCP - PERMANENT CONTROL POINT	POC - POINT OF COMMENCEMENT
PRM - PERMANENT REFERENCE MONUMENT	POB - POINT OF BEGINNING
R/W - RIGHT OF WAY	SEC - SECTION
FDOT - FLORIDA DEPARTMENT OF TRANSPORTATION	TWP - TOWNSHIP
	RNG - RANGE

SURVEY FOR: VINCENT FERGUSON

4-21-06
DATE OF SIGNATURE:

04-11-06
DATE OF FIELD SURVEY:

BRIAN SCOTT DANIEL, PSM
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA CERTIFICATE NO. 6449

SURVEY VALID ONLY TO THE DATE OF FIELD SURVEY SHOWN HEREON. NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. FLORIDA CERTIFICATE OF AUTHORIZATION NO. LB6685

BAILEY BISHOP & LANE, INC.
484 SW COMMERCE DRIVE, SUITE 135
P. O. BOX 3717
LAKE CITY, FL 32056-3717
PH. (386) 752-5640 FAX (386) 755-7771
Eng. Lic. 7362 Survey Lic. LB-0006685

VINCENT FERGUSON

REVISIONS

04/21/06 - REVISED BOUNDARY.

DRAWN BY: JD
JOB NUMBER 030804FER
FIELD BOOK EFB
SHEET NO. 1 OF 1

FERGUSON RESIDENCE

DESCRIPTION:

FOR FULL LEGAL DESCRIPTION,
SEE SURVEY SUPPLIED BY OWNER.

VINCENT FERGUSON
22390 SW SR 47
FORT WHITE, FL 32038

PROPERTY ID: 20-7S-16-04265-011
COLUMBIA COUNTY, FL 2007 R

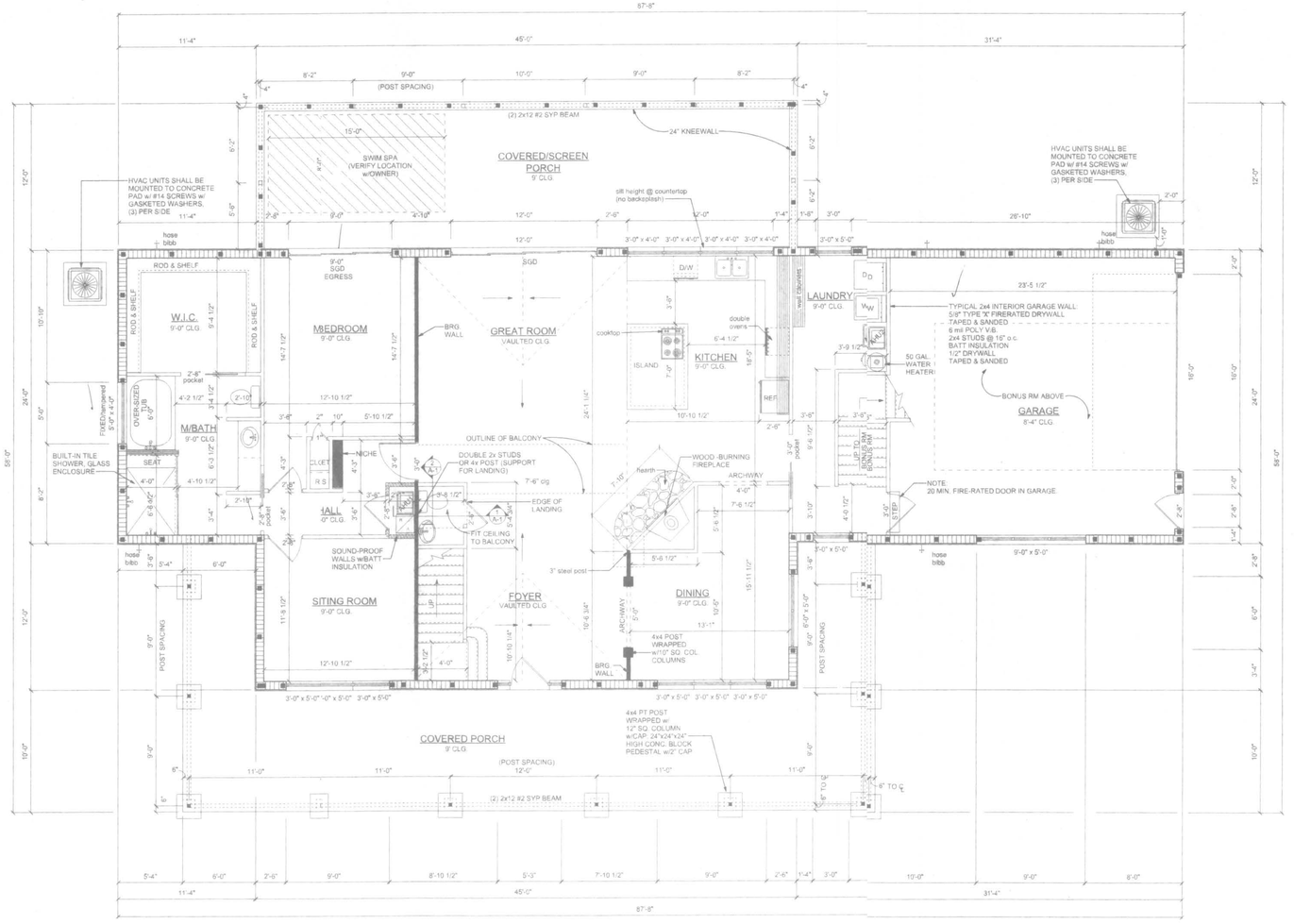
Freeman Design Group Inc.
161 NW MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00008701

DATE	DRAWN BY
4/507	J.T.D.
	APPROVED W.H.F.

REVISIONS

SHEET SP-1
OF 1

PROJECT NO.
07.R006



FLOOR PLAN

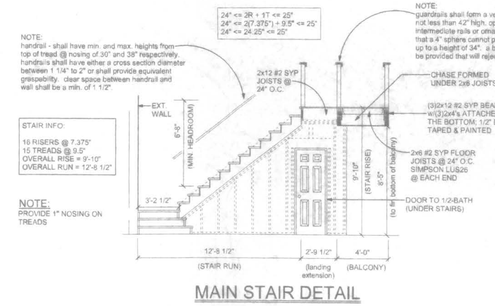
SCALE: 3/16" = 1'-0"

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

OPENING SCHEDULE

PRODUCT CODE	SIZE	COUNT
3068 ENTRY w/(2) 12x80 SIDELITES	5'-0" x 6'-8"	1
2868 COLONIAL EXTERIOR	2'-8"	1
3068 20-MIN FIRE-RATED GARAGE DOOR	3'-0"	1
144x80 SGD - 4 PANELS	12'-0"	1
108x80 SGD - 3 PANELS	9'-0"	1
192X84 SECTIONAL GARAGE DOOR	16'-0"	1
1868 INTERIOR MASONITE	1'-8"	1
2868 INTERIOR MASONITE	2'-8"	4
32X80 COLONIAL POCKET	2'-8"	2
36X80 COLONIAL POCKET	3'-0"	2
78X80 GLASS SHOWER DOOR	6'-6"	1
72X60 SINGLE HUNG	6'-0" x 5'-0"	1
108X60 SINGLE HUNG	9'-0" x 5'-0"	1
36X60 SINGLE HUNG	3'-0" x 5'-0"	8
60X48 FIXED	5'-0" x 4'-0"	1
32X36 SLIDER	2'-8" x 3'-0"	2
36X36 SLIDER	3'-0" x 3'-0"	2



MAIN STAIR DETAIL

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

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/NWWDA 101/I.S2 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

NOTE:
APPLIANCES LOCATED IN PRIVATE GARAGES SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 5 FEET ABOVE THE FLOOR EXCEPT WHERE THE APPLIANCE IS PROTECTED FROM MOTOR VEHICLE IMPACT. EQUIPMENT AND APPLIANCES HAVING AN IGNITION SOURCE SHALL BE ELEVATED SUCH THAT THE SOURCE OF IGNITION IS NOT LESS THAN 18" ABOVE THE FLOOR.

NOTE:
THE MINIMUM NATURAL VENTILATION AREA REQUIRED FOR GARAGES SHALL BE 4 PERCENT OF THE FLOOR AREA BEING VENTILATED. THE MINIMUM MECHANICAL VENTILATION FOR GARAGES SHALL BE 100 CFM PER CAR.

NOTE:
DUCTS THAT EXHAUST CLOTHES DRYERS SHALL NOT PENETRATE OR BE LOCATED WITHIN ANY FIREBLOCKING OR FIRE-RATED WALL OR CEILING ASSEMBLY.

NOTE:
EACH VERTICAL DRYER VENT RISER SHALL BE PROVIDED WITH A CLEANOUT. DRYER EXHAUSTS SHALL TERMINATE ON THE OUTSIDE OF THE BUILDING AND SHALL BE EQUIPPED WITH A BACKDRAFT DAMPER WITHOUT SCREENS.

NOTE:
THE MINIMUM NATURAL VENTILATION AREA REQUIRED FOR GARAGES SHALL BE 4 PERCENT OF THE FLOOR AREA BEING VENTILATED. THE MINIMUM MECHANICAL VENTILATION FOR GARAGES SHALL BE 100 CFM PER CAR.

AREA SUMMARY

MAIN FLOOR LIVING	2,097 SF
UPPER FLOOR LIVING	472 SF
BONUS ROOM	292 SF
GARAGE	553 SF
PORCHES	1,186 SF
TOTAL	4,600 SF

TOTAL HEATED LIVING..... 2,682.7 SF

NOTE:
5/8" DRYWALL (MIN) REQUIRED FOR ENTIRE CEILING AREA IN GARAGE (BONUS RM ABOVE) PER FBC-R 309.1

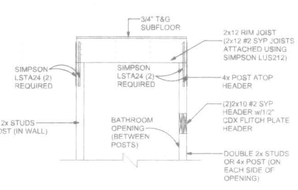
NOTE: CEILING HEIGHT IN BATHOOMS SHALL BE NOT LESS THAN 7'-0"

NOTE:
OPENINGS BETWEEN GARAGE /O RESIDENCE SHALL BE EQUIPPED WITH A 20-IN FIRE-RATED DOOR.

OPENING PROTECTION:
openings from a private garage dirdly into a room used for sleeping purposes shall not be permitted. other openings betwn the garage and residence shall be equipped with solid wood doors not less than 1 3/8in thickness, solid or honeycomb steel doors not less than 1 3/8" thick, or a 20-minute fireted doors.

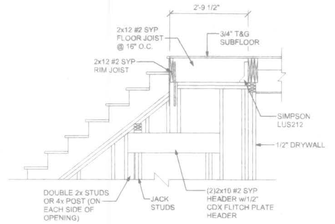
EMERGENCY EGRESS:
EVERY BEDROOM SHALL HAVE NOT LESS THAN ONE OUTSIDE WINDOW FOR EMERGENCY RESCUE THAT COMPLIES WITH THE FOLLOWING.
1. SUCH WINDOWS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF TOOLS AND SHALL PROVIDE A CLEAR OPENING OF NOT LESS THAN 20 INCHES IN WIDTH, 24 INCHES IN HEIGHT, AND 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:
EACH VERTICAL DRYER VENT RISER SHALL BE PROVIDED WITH A CLEANOUT. DRYER EXHAUSTS SHALL TERMINATE ON THE OUTSIDE OF THE BUILDING AND SHALL BE EQUIPPED WITH A BACKDRAFT DAMPER WITHOUT SCREENS.



1 SECTION @ LANDING

SCALE: 3/8" = 1'-0"



2 SECTION @ LANDING

SCALE: 3/8" = 1'-0"

VINCE FERGUSON & MICHELLE ARMSTRONG RESIDENCE

CERTIFICATE OF AUTHORIZATION # 00008701

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

Freeman Design Group inc

DATE 4/23/07 | DRAWN BY J.T.D. | APPROVED W.H.F.

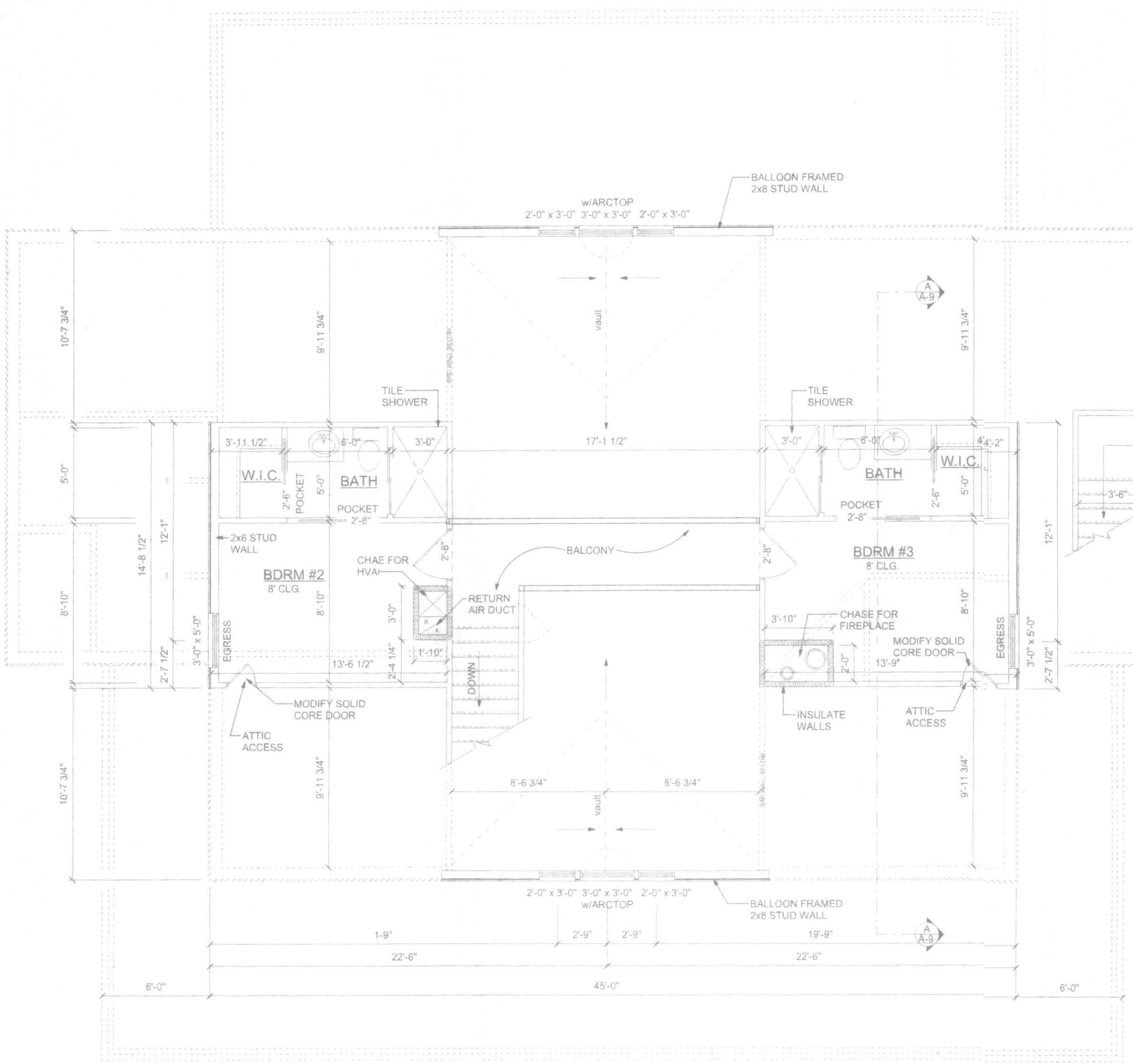
REVISIONS

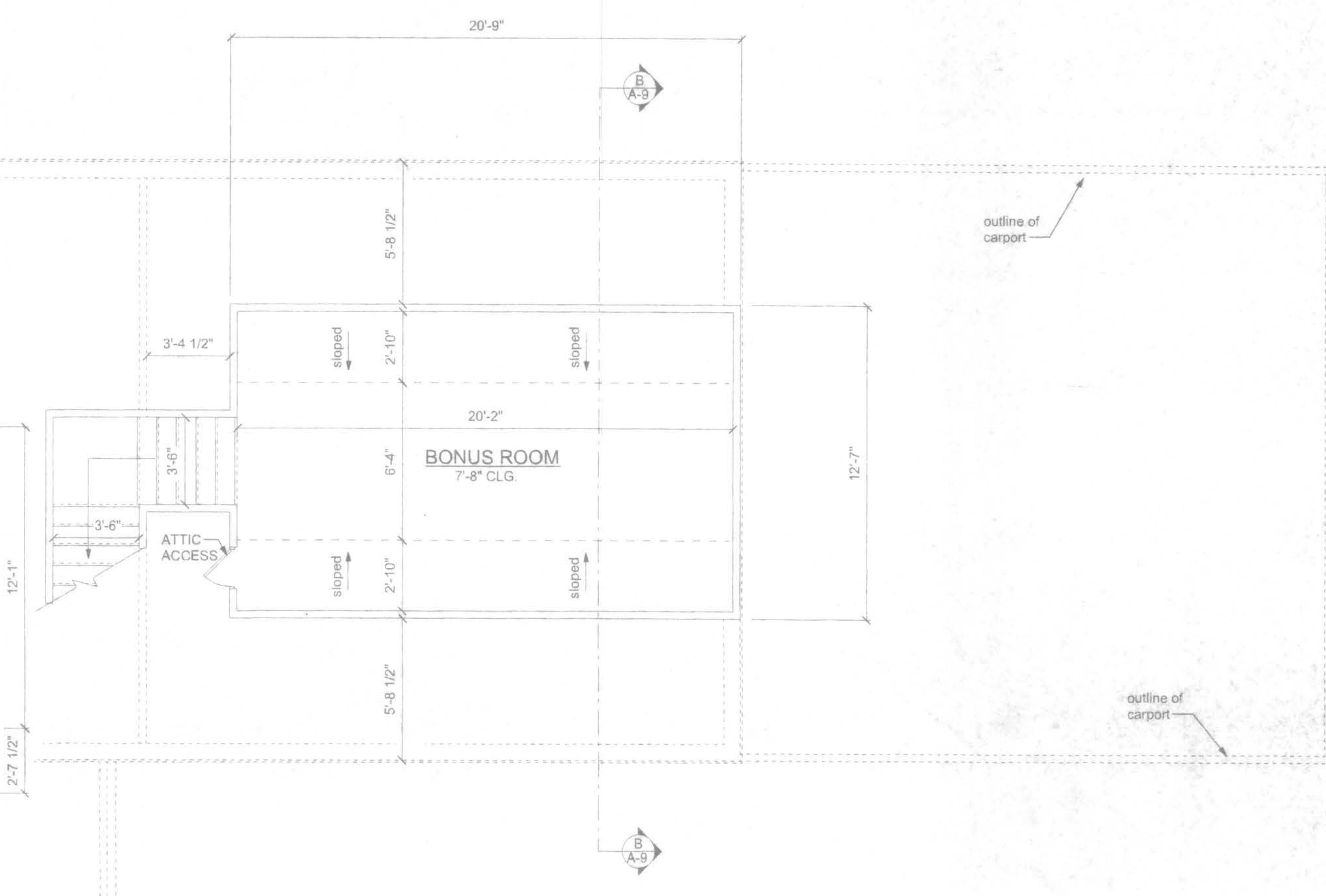
SHEET A-1

OF 14

PROJECT NO. 07.R007

VINCE FERGUSON & MICHELLE ARMSTRONG RESIDENCE





UPPER FLOOR PLAN

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

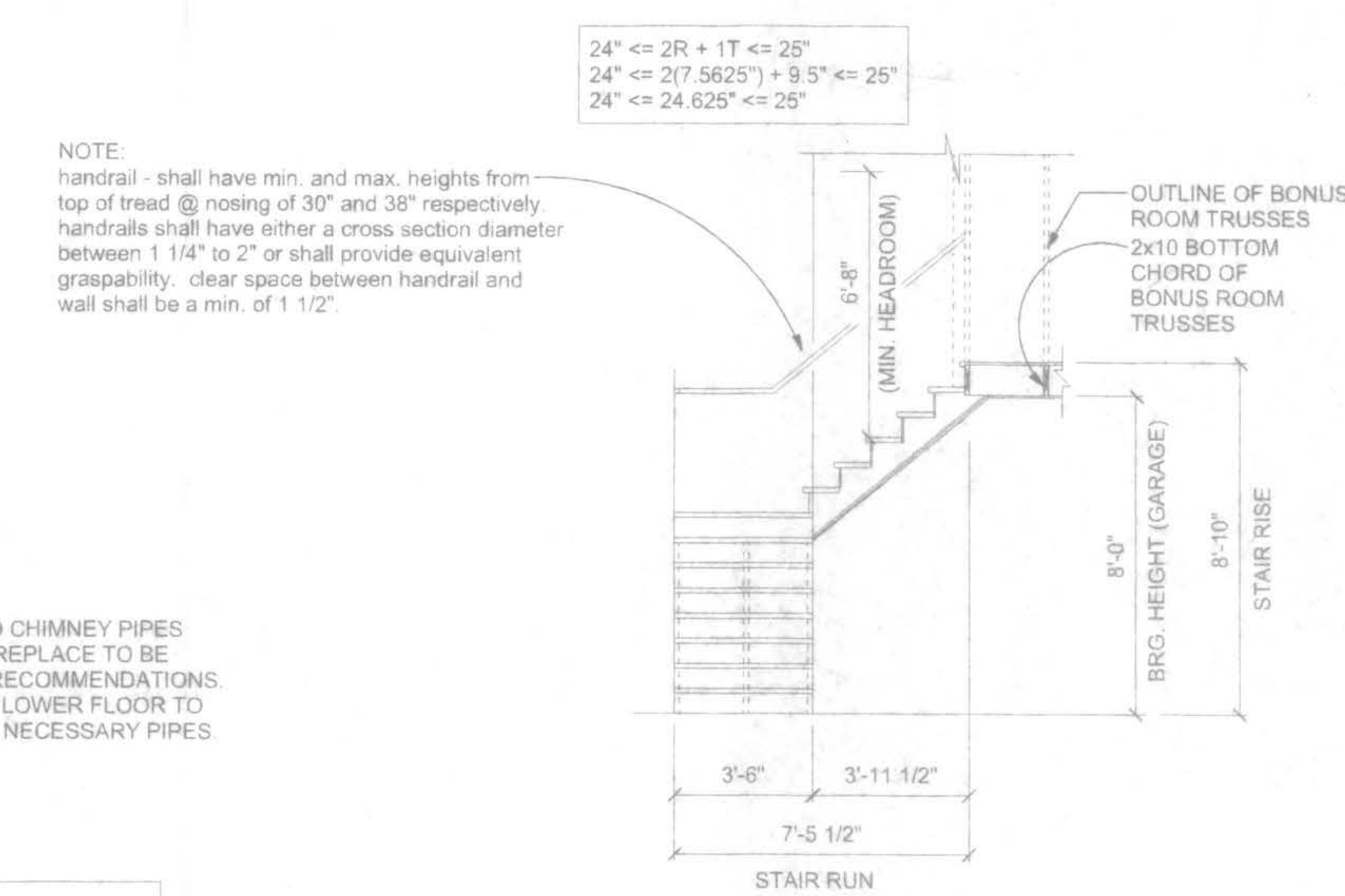
OPENING SCHEDULE

PRODUCT CODE	SIZE	COUNT
1668 INTERIOR MASONITE	1'-6	3
2868 INTERIOR MASONITE	2'-8	2
30X80 COLONIAL POCKET	2'-6	2
32X80 COLONIAL POCKET	2'-8	2
42X80 GLASS SHOWER DOOR	3'-6	2
24X36 SINGLE HUNG	2'-0x 3'-0"	4
36X36 SINGLE HUNG	3'-0x 3'-0"	2
36X60 SINGLE HUNG	3'-0x 5'-0"	2

NOTE: VENTILATION AND CHIMNEY PIPES FOR WOOD-BURNING FIREPLACE TO BE INSTALLED PER MFGR. RECOMMENDATIONS. CHASE SUPPLIED FROM LOWER FLOOR TO ROOF TO ACCOMODATE NECESSARY PIPES.

AREA SUMMARY	
2ND FLOOR LIVING	472.2 SF
BONUS ROOM	292.1 SF
TOTAL	764.3 SF

NOTE: CEILING HEIGHT IN BATHROOMS SHALL BE NOT LESS THAN 7'-0".



BONUS ROOM STAIR DETAIL

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

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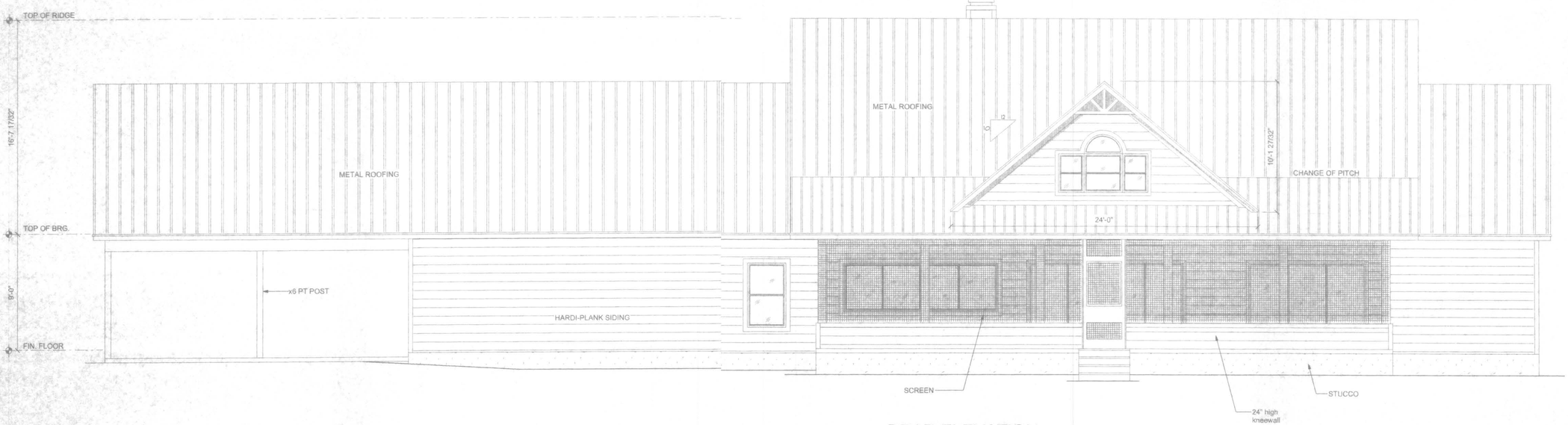
DATE 3/21/07	DRAWN BY J.T.D. / APPROVED W.H.F.
REVISIONS	
SHEET A-2 OF 14	
PROJECT NO. 07.R007	

FRONT 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.



REAR ELEVATION

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

4/1/07
RE# 5104

VINCE FERGUSON &
MICHELLE ARMSTRONG RESIDENCE

161 N.W. MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
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DATE 3/21/07	DRAWN BY J.T.D.
	APPROVED W.H.F.
REVISIONS	
SHEET A-3	
OF 14	
PROJECT NO. 07.R007	

LEFT ELEVATION

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

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 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" (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 7-98 FOR THE FOLLOWING LOADS:

DEAD LOAD	10 PSF
LIVE LOAD	20 PSF
WIND	110 MPH W/ 3 SECOND WIND GUST

WT5 PRE-FABRICATED WOOD TRUSSES SHALL BE FABRICATED FROM SOUTHERN PINE (SPIB) 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 OR TRUSS.

WT9 DESIGN OF METAL CONNECTED WOOD ROOF TRUSSES TO COMPLY WITH STANDARD BLDG. CODE NFPA'S "NATIONAL DESIGN SPECIFICATIONS FOR STRESS GRADED LUBER AND ITS FASTRNINGS", 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.

CONSTRUCTION DOCUMENTS:

THE CUSTOMER IS RESPONSIBLE FOR DELIVERING TH REQUIRED SETS OF CONSTRUCTION DOCUMENTS TO THE PERMIT ISSUINGAUTHORITY FOR THE ISSUANCE OF CONSTRUCTION PERMITS. THE CONTRATOR IS SOLEL RESPONSIBLE FOR REVIEWING THE PLANS AND VERIFING ALL EXISTING CONDITIONS, ELEVATIONS, AND DIMENSIONS PRIOR TICOMMENCING CONSTRUCTION INCLUDING FABRICATION. ALL DISCRPANCIES SHALL BE REPORTED TO THE ARCHITECT/ENGINEER FOR RESOLUTION.

DO NOT SCALE THESE PLANS:

AMPLE DIMENSIONS ARE SHOWN ON THE PLANS TO LCATE ALL ITEMS SIMPLE ARIT-HMATIC MAY BE USED TO DETERMINE THELOCATION OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO PLAN SETS:

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

RIGHT ELEVATION

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

VINCE FERGUSON & MICHELLE ARMSTRONG RESIDENCE

Freeman Design Group Inc.
161 N.W. MADISON STREET
SUITE #102
LAKE CITY, FL. 32055
(386)758-4209
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REVISIONS	
SHEET A-4	
OF 14	
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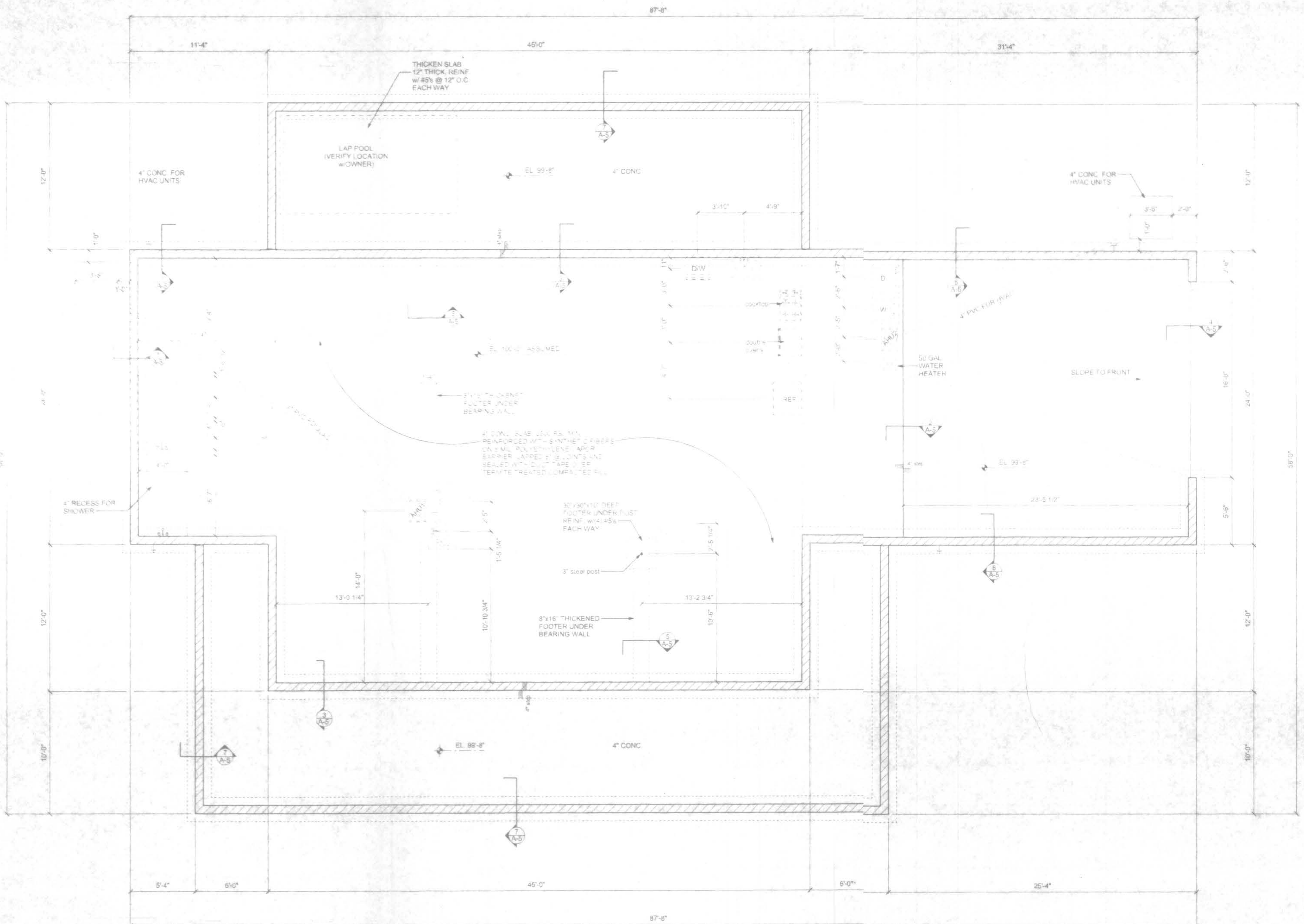
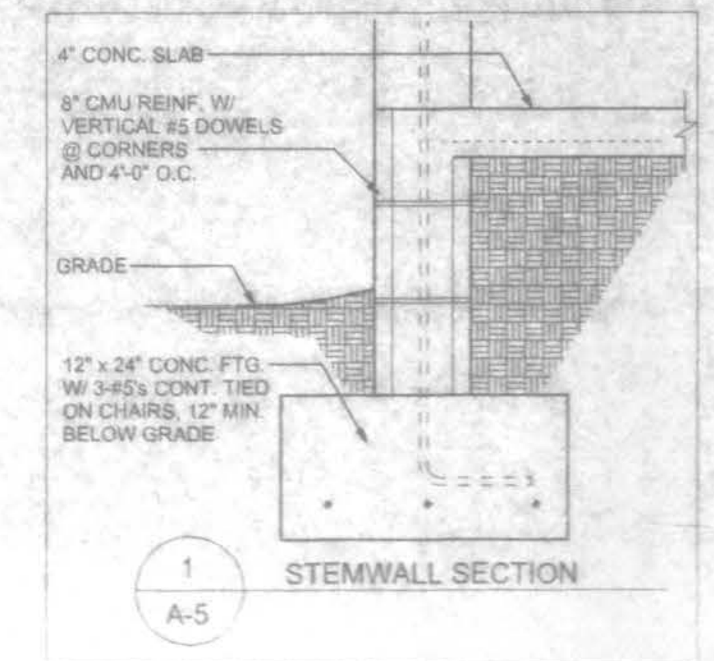
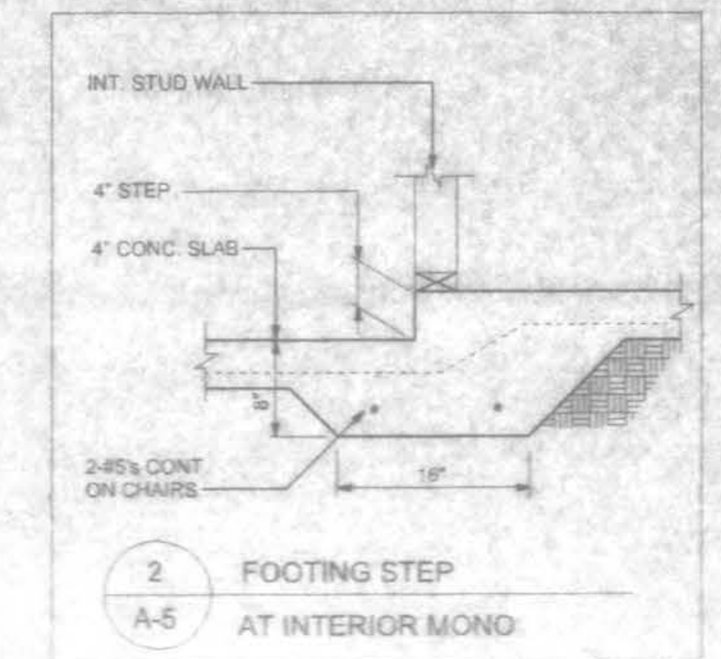


FOUNDATION PLAN

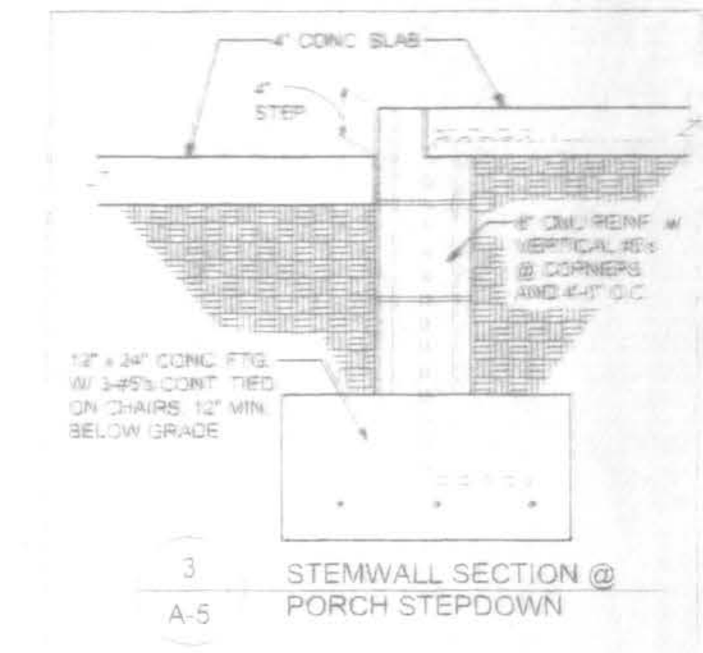
SCALE: 3/16" = 1'-0"



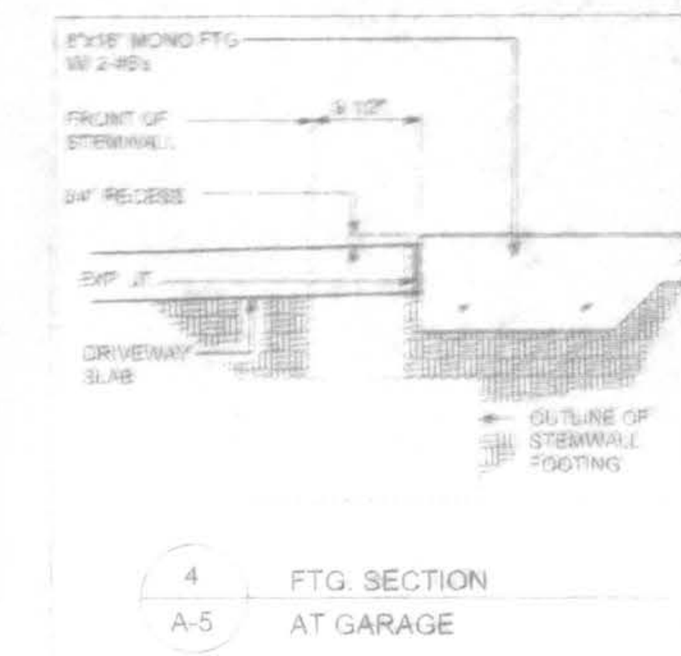
1 A-5 STEMWALL SECTION



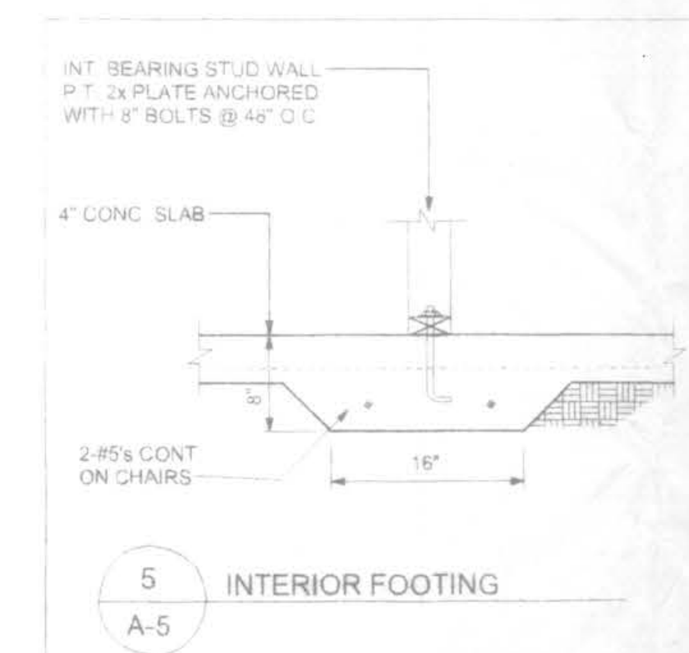
2 A-5 FOOTING STEP AT INTERIOR MONO



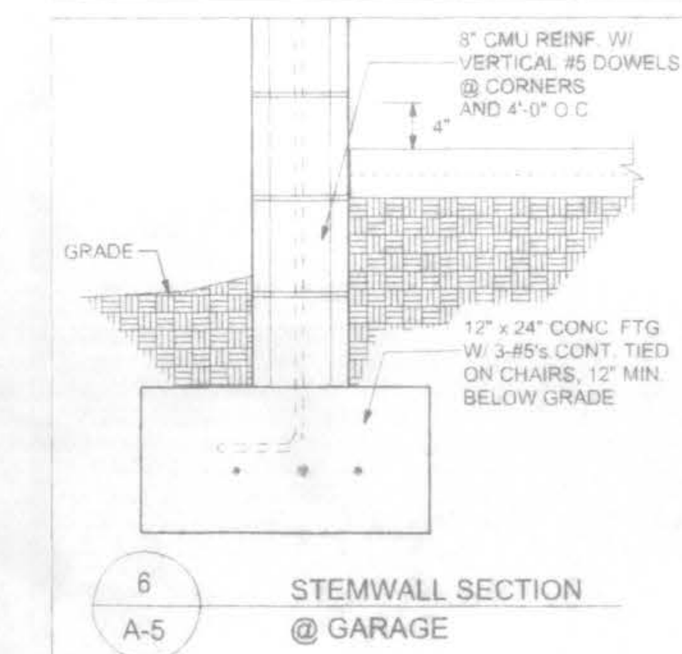
3 A-5 STEMWALL SECTION @ PORCH STEPDOWN



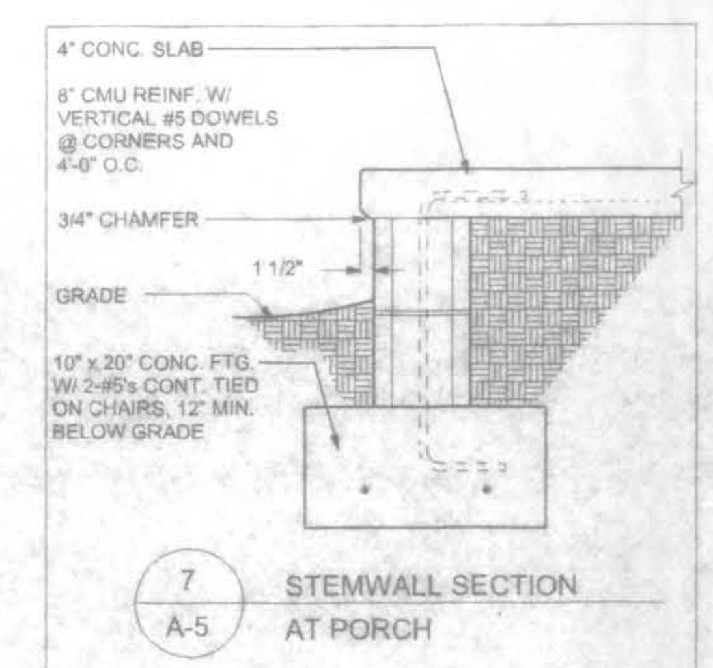
4 A-5 FTG. SECTION AT GARAGE



5 A-5 INTERIOR FOOTING



6 A-5 STEMWALL SECTION @ GARAGE



7 A-5 STEMWALL SECTION AT PORCH

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.

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,
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.

FOUNDATION NOTES:

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

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.

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

COVER OVER REINFORCING STEEL
FOR FOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFROCING 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 CONRETE 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.

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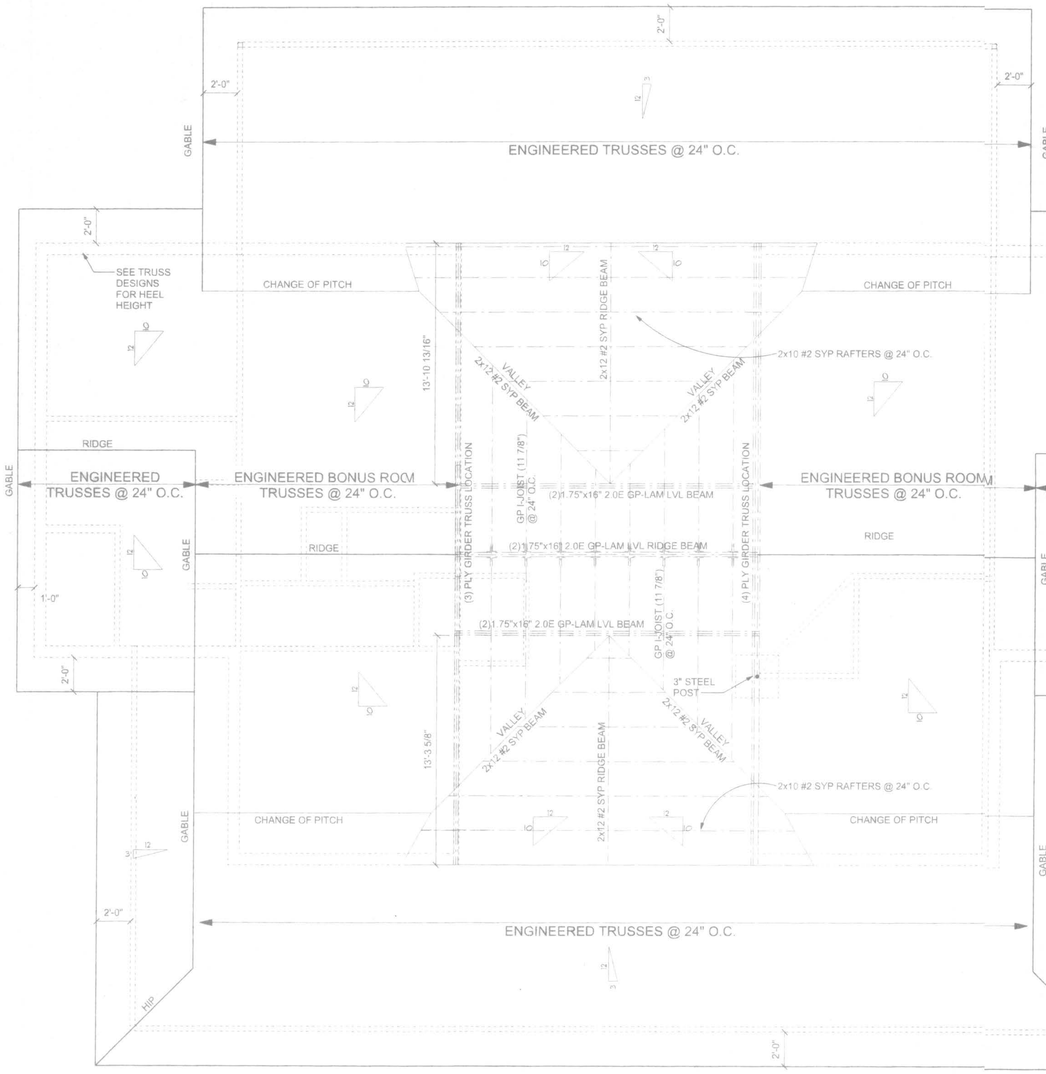
	APPROVED W.H.F
REVISIONS	
SHEET	A-5
OF	14
PROJECT NO. 07.R007	

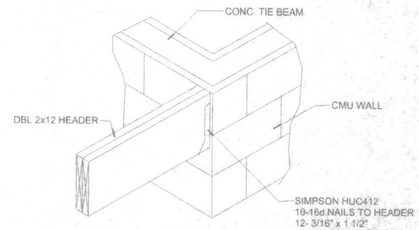


ROOF PLAN

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

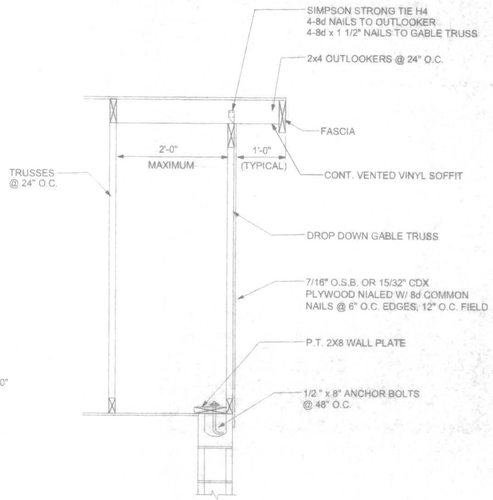
CONNECTOR SCHEDULE FOR TRUSS ANCHORAGE					
CONNECTOR	1 PLY-TRUSS	2 PLY-TRUSS	EMBEDMENT	UPLIFT PROVIDED	MANUFACTURER
HETA20	10-10d NAILS		4"	1,280 LBS	SIMPSON
HETA20		11-16d NAILS	4"	1,890 LBS	SIMPSON
	TRUSS B2 AND C3		TIE BEAM		
MGT	22-10d NAILS		1-5/8"x10" ANCHOR BOLT	3,965 LBS	SIMPSON
LGT2	16-16d SINKER		7- 1/4 x 2 1/4 TITEN	2,150 LBS	SIMPSON

NOTE: COMBINE BOTH THE SIMPSON MGT AND LGT2 ON TRUSSES B2 AND C3



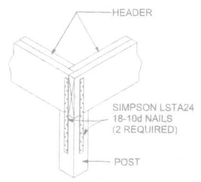
BEAM CONNECTION

PORCH HEADER TO BLOCK WALL



GABLE FRAMING

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



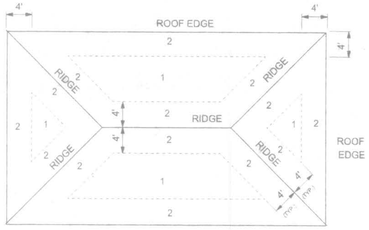
CORNER POST/HEADER DETAIL

NTS

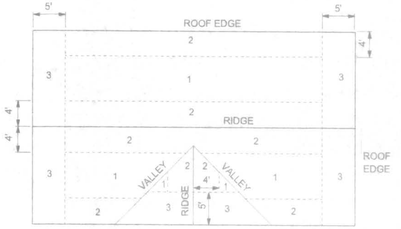
ROOF SHEATHING FASTENINGS			
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	5/8" OR 19/32" CDX	8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	6 in. o.c. EDGE 12 in. o.c. FIELD
2			6 in. o.c. EDGE 6 in. o.c. FIELD
3			4 in. o.c. @ GABLE ENDWALL OR GABLE TRUSS 6 in. o.c. EDGE 6 in. o.c. FIELD

ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS

STRUCTURAL MEMBER	ALLOWABLE DEFLECTION
rafters having slopes greater than 2/12 with no finished ceiling attached to rafters	L/180
interior walls and partitions	H/180
floors and plastered ceilings	L/360
all other structural members	L/240
exterior walls with plaster or stucco finish	H/360
exterior walls - wind loads with brittle finishes	L/240
exterior walls - wind loads with flexible finishes	L/120



ROOF SHEATHING NAILING ZONES (HIP ROOF)



ROOF SHEATHING NAILING ZONES (GABLE ROOF)

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SHEET	A-6
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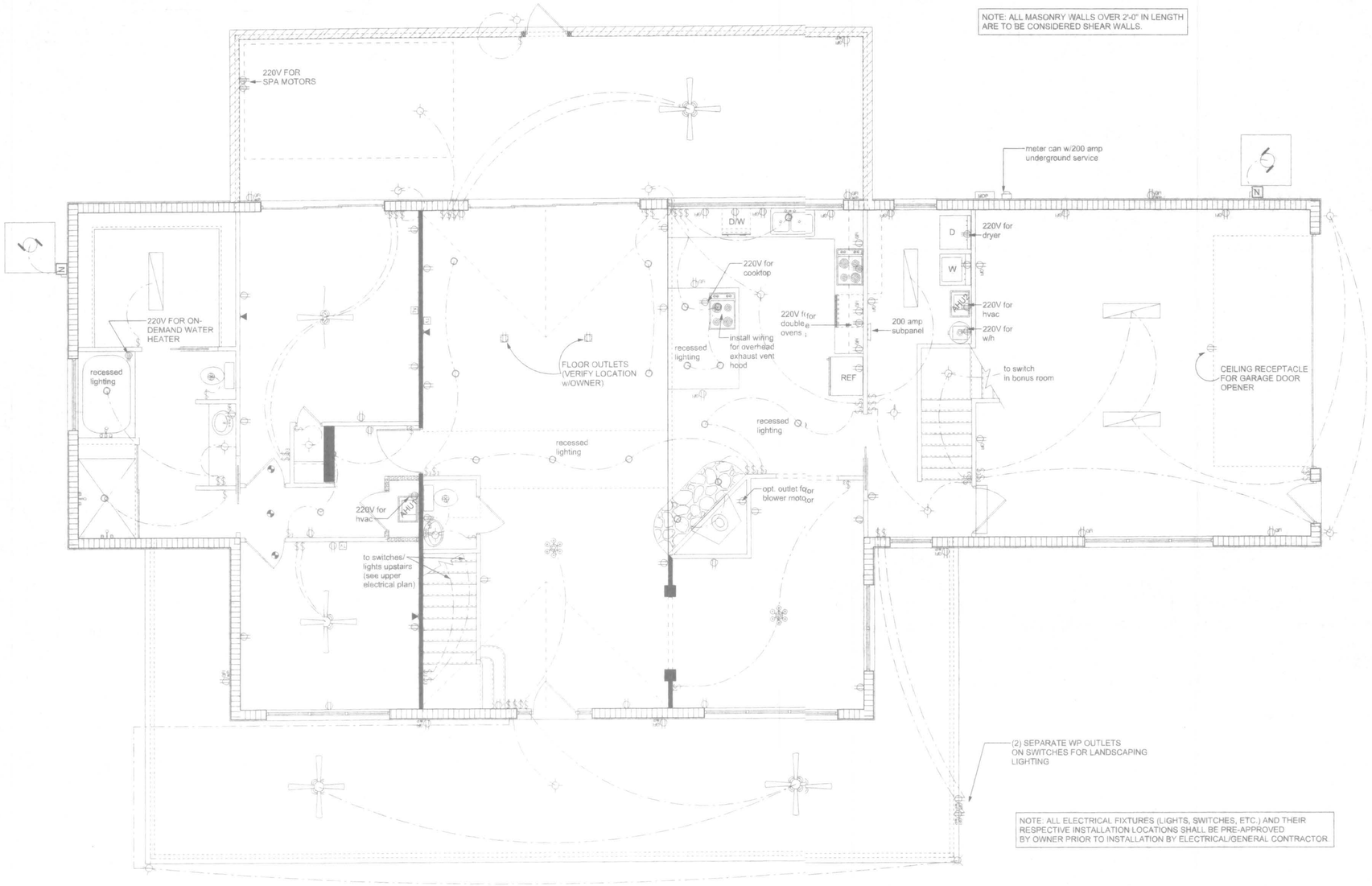

NOTE: ALL ELECTRICAL FIXTURES (LIGHTS, SWITCHES, ETC.) AND THEIR RESPECTIVE INSTALLATION LOCATIONS SHALL BE PRE-APPROVED BY OWNER PRIOR TO INSTALLATION BY ELECTRICAL/GENERAL CONTRACTOR.

ELECTRICAL PLAN

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

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 minim 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 typwritten 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.

ELECTRICAL	SYMBOL
ceiling fan spotlights 1	
chandelier	
fluorescent fixture	
pot light	
HVAC motor	
Mdp	MDP
Meter can	
electrical panel	
non-fused disconnect	N
50 cfm exhaust fan	
GFI receptacle	GFI
LAN connection	
cable tv outlet	TV
light	
outlet	
outlet floor	
outlet 220v	
smoke detector	
switch	$
switch 3 way	$3
weatherproof gfi	GFI

ELECTRICAL PLAN NOTES

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 CONT'R 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 CKT'S 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

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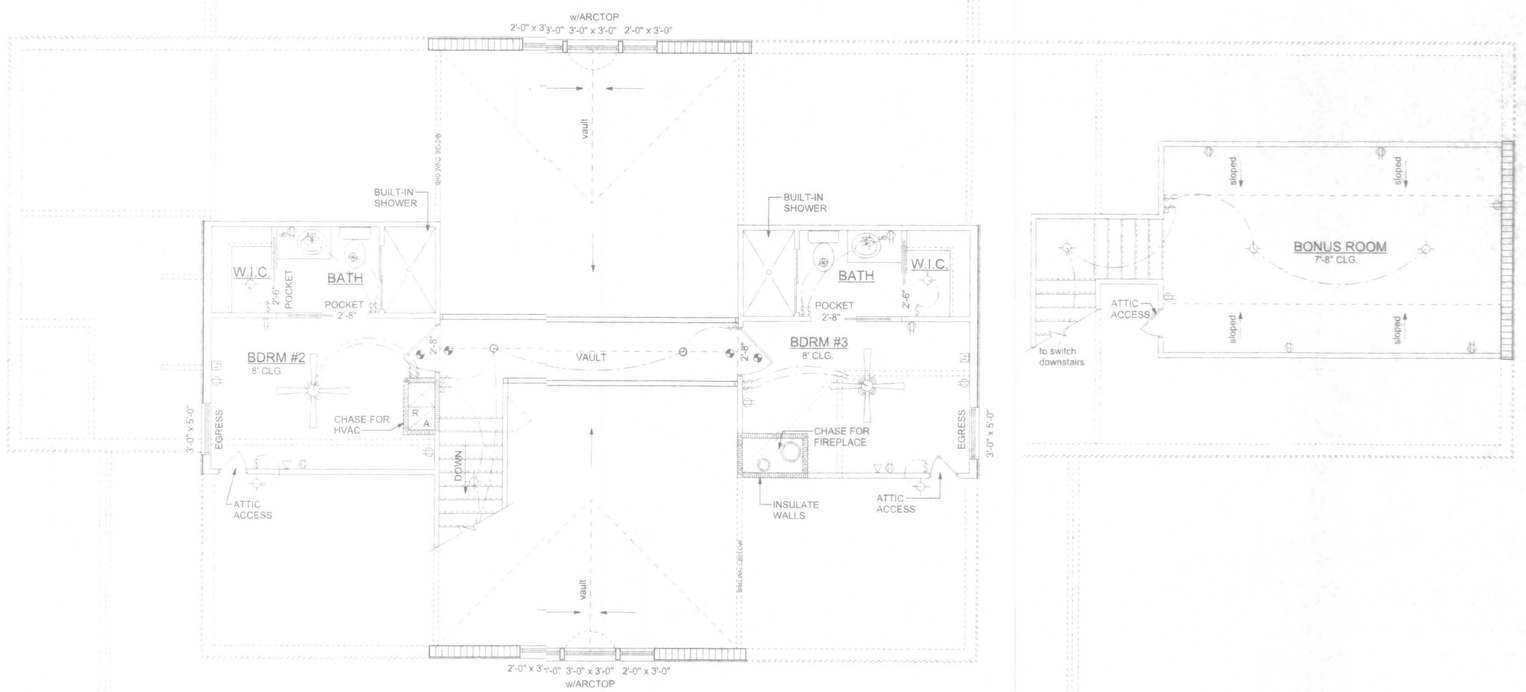
REVISIONS

SHEET A-7
OF 14

PROJECT NO. 07.R097

ELECTRICAL LEGEND

ELECTRICAL	SYMBOL
50 cfm exhaust fan	⊛
GFI receptacle	⊕
cable tv outlet	⊡
light	⊹
outlet	⊕
pull chain light	⊹
smoke detector	◉
switch	$
switch 3 way	$3
telephone	⊓



UPPER ELECTRICAL PLAN

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

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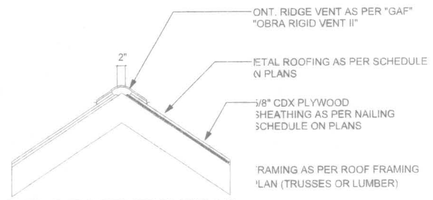
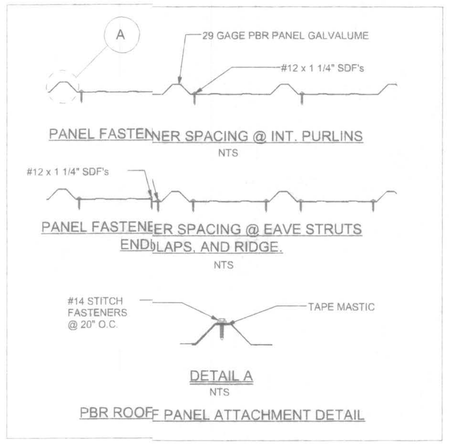
SHEET	A-8
OF	14
PROJECT NO.	07:R007



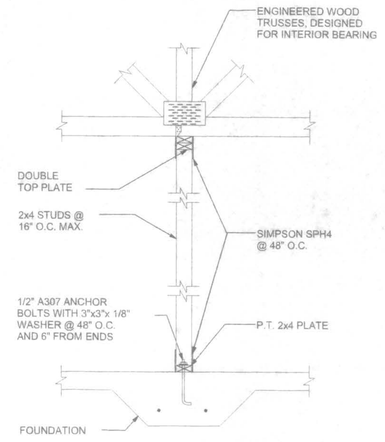
RIDGE VENT DETAIL

VENTILATION REQUIREMENTS

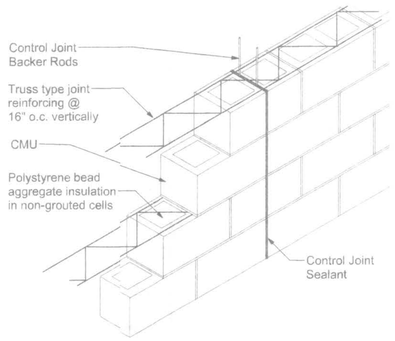
Total Attic Square Footage	Recommended Length of Cobra Rigid Vent II (Feet)	Minimum Intake Ventilation (Net Free Area in Sq. In.)
1600	21	384
1900	25	456
2200	29	528
2500	33	600
2800	41	744
3100	41	820
3400	45	816



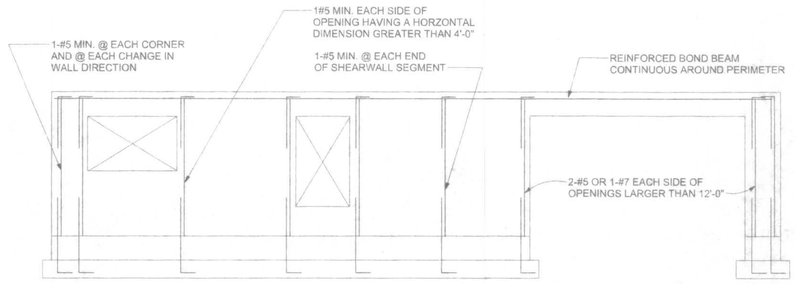
PBR ROOF PANEL ATTACHMENT DETAIL



INTERIOR BRG. WALL DETAIL



CONTROL JOINT LOCATION
NTS



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

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SHEET A-9
OF 14
PROJECT NO. 07.R107

MASONRY NOTES:

M1 MASONRY CONSTRUCTION SHALL COFORM TO ACI STANDARD BUILDING CODE REQUIREMENTS FOR CONCRETE MASNRY STRUCTURES (ACI 530-88/ASCE 5-88) AND SPECIFICATIONS FOR MASONRY TRUCTURES (ACI 530.1-88/ASCE 6-88)

M2 CONCRETE BLOCKS SHALL CONFORMO ASTM C-90 (f'm = 1500 PSI) (1900 PSI ON THE NET AREA)

M3 MORTAR SHALL COMPLY WITH ASTM 270 TYPE M OR S (COMPRESSIVE STRENGTH = 2500 PSI AND 1800 PSI) RSPECTIVELY. SITE TESTED MORTAR CUBES SHALL ACHIEVE A MINIMUM OF80% OF THE DESIGN COMPRESSIVE STRENGTH.

M4 BLOCK SHALL NOT BE MOISTENED BEORE GROUTING

M5 ALL MASONRY CROSS WEBS SHALL BFULLY BEDDED IN MORTAR AROUND CELLS TO BE GROUTED.

M6 THE MINIMUM CONTINUOUS UNOBSTRCTED CELL AREA IN CELL TO RECEIVE GROUT MUST BE NOT LESS THAN 2" x ". MORTAR FINS MUST BE REMOVED AS BLOCK PLACEMENT PROCEEDS. MORAR DROPPINGS MUST BE KEPT OUT OF CELLS WHICH ARE TO BE GROUTED.

M7 REINFORCE WALLS WITH LADDER TYP (ASTM A-82, #9 GAGE WIRE) REINFORCEMENT EQUAL TO DURO-WALL IN EED JOINTS@ 16" O.C. MEASURED VERTICALLY. PLACE PER MFR. INSTR. LAP ALL HORIZONTAJOINT REINFORCING 8" MIN.

M8 CORES OR BLOCK MASONRY SHALL B FILLED WITH GROUT AT CORNERS, EACH SIDE OF OPENINGS, AND @ 48" O.C. WITH MINUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. GROUT SLUMP SHALL BE" TO 11" FOR MASONRY FILLED CELLS.

M9 GROUT FOR FILLED CELLS SHALL BE DURED OR PUMPED IN LIFTS NOT TO EXCEED EIGHT (8) FEET IN HEIGHT, AND SHALLBE CONSOLIDATED AT TIME OF POURING BY RODDING OR VIBRATING

M10 PROVIDE KNOCK-OUT CMU AT BASE O EACH FILLED CELL TO ALLOW VISUAL VERIFICATION OF COMPLE"E GROUT ENETRATION (FOR LIFTS OF 5'-0" OR LESS. A KNOCK OUT AT BASE OF LIFT WILL NO BE REQUIRED)

M11 VERTICAL REINFORCING MUST HAVE /MIMUM CLEARANCE OF 1/2 " TO INSIDE FACE VERTICAL REINFORCEMENT IN WALLSHALL BE SECURED AND LATERALLY SUPPORTED AGAINST DISPLACEMENTAT INTERVALS NOT EXCEEDING 6 FT

M12 GROUT PLACEMENT STOPPED FOR (1 HOUR OR MORE SHALL BE STOPPED (1 1/2 ") BELOW THE TOP OF THE MASONRY UIT TO PROVIDE A KEY FOR SUBSEQUENT GROUTING

M13 SEE FOUNDATION PLANS FOR ALL VERT. REINFORCING. TYP. VERTICAL REINFORCING SIZE & SPACING SHALL BE ABOVE ANBELOW ALL WALL OPENINGS.

M14 TEMPORARY BRACING ANC SHORING F WALLS TO PROVIDE STABILITY DURING CONSTRUCTION IS THE RESPONSIBILIY OF THE CONTRACTOR.

M15 MASONRY CONSTRUCTION MATERIALAND INSPECTIONS SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATIONS OR MASONRY STRUCTURES. ACI-ASCE 530.1)" EXCEPT AS MODIFIED BY THE REQUIRMENTS OF THESE DOCUMENTS.

M16 PROVIDE FILLED PRECAST U-LINTELS // (1) #5 CONT. AT ALL OPENINGS WHERE CONCRETE BEAMS ARE NOT SHOWN R NOTED. MINIMUM UNFILLED LINTEL CAPACITY = 400 lb/LF FOR SPAN INDICTED. SEE PLANS FOR LINTEL REQUIREMENTS AT DOOR OPENINGS.

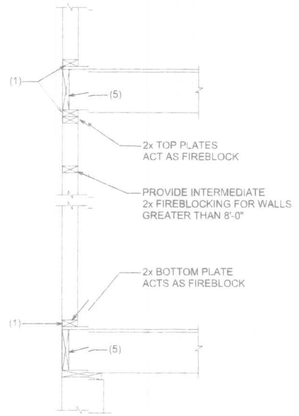
M17 STOPPING AND RESUMING WORK: RAK BACK 1/2- UNIT LENGTH IN EACH COURSE DO NOT TOOTH. CLEAN EXPOSED SUFACES OF SET MASONRY WET UNITS LIGHTLY (IF REQ'D.) AND REMOVE LOOSE MASGRY UNITS AND MORTAR PRIOR TO LAYING FRESH MASONRY

M18 REINFORCE MASONRY OPENINGS GRATER THAN 1'-0" WIDE WITH HORIZ. JT. REINF. PLACED IN (2) HORIZ. JTS. APPROXIMAELY 8" APART, IMMEDIATELY ABOVE THE LINTEL AND IMMEDIATELY BELOW THSILL. EXTEND REINFORCING A MINIMUM OF 2'-0" BEYOND JAMBS OF THE OPENINGEXCEPT AT CONTROL JOINTS. SEE PLAN FOR ADDITIONAL REQUIREMENTS.

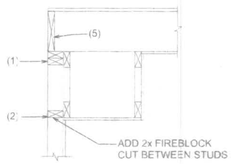
M19 DO NOT APPLY UNIFORM LOADS TO MSONRY WALLS FOR (3) DAYS

M20 DO NOT APPLY CONCENTRATED LOAD TO MASONRY WALLS FOR (7) DAYS

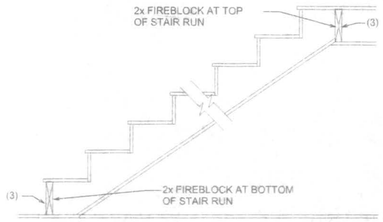
M21 EXTEND ALL VERTICAL REINFORCEMBT TO WITHIN 2" OF TOP OF TIE BEAMS UNLESS OTHERWISE NOTED



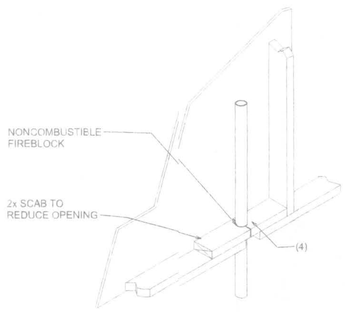
PLATFORM FRAMING

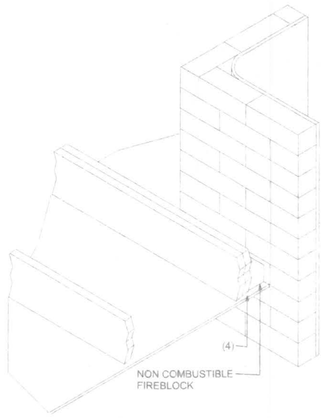


SOFFIT/DROPPED CLG.



BETWEEN STAIR STRINGERS





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 PYROPANEL MU..TIFLEX 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.

PENETRATIONS

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	NONE	2-#4
C	2-#2	2-#4

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

FIREPLACE/CHIMNEY

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

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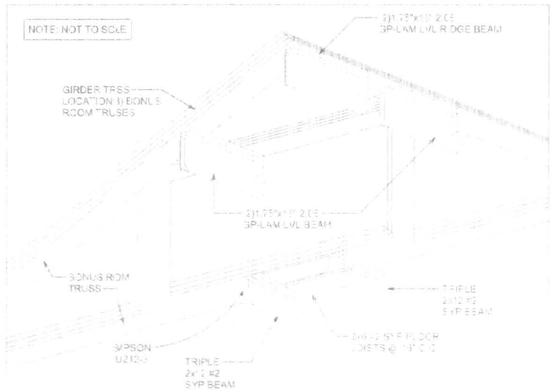
DATE 3/21/07
DRAWN BY J.T.O.
APPROVED W.H.F.
REVISIONS

SHEET A-10
OF 14

PROJECT NO. 07 R07

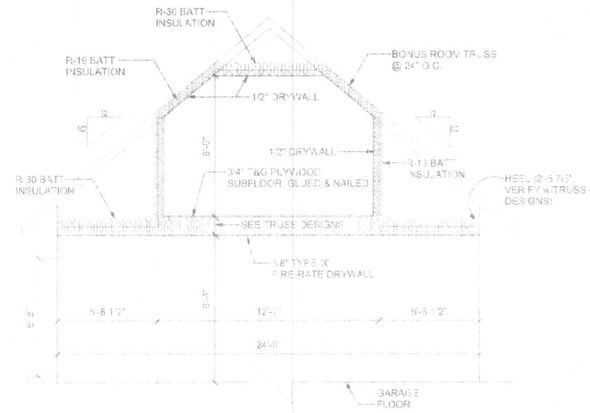


NOTE: LOCATIONS IF BEAMS ARE REPRESENTATIVE ONLY. SEE TRUSS DRAWINGS/ DESIGNS FOR EXACT LOCATIONS.

NOTE: TRUSS DEPICTIONS IN THESE DETAILS ARE FOR ILLUSTRATIVE PURPOSES ONLY. PLEASE SEE TRUSS DESIGN BY MANUFACTURER FOR ACTUAL TRUSS DRAWINGS.

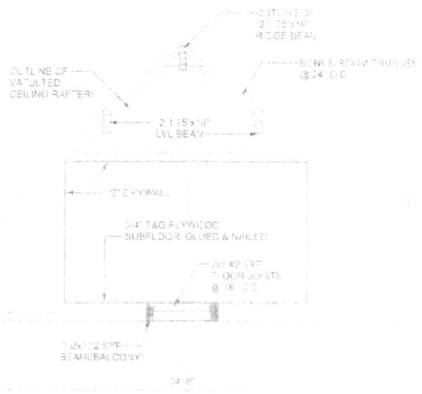
BEAMS TO BONUS TRUSS DETAIL

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



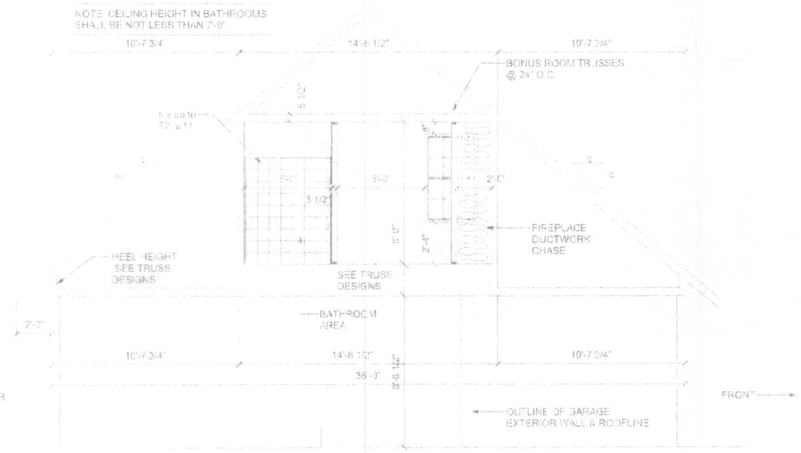
B SECTION THRU BONUS (GAR.)

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



BEAMS TO BONUS TRUSS DETAIL

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



A SECTION THRU UPSTAIRS

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

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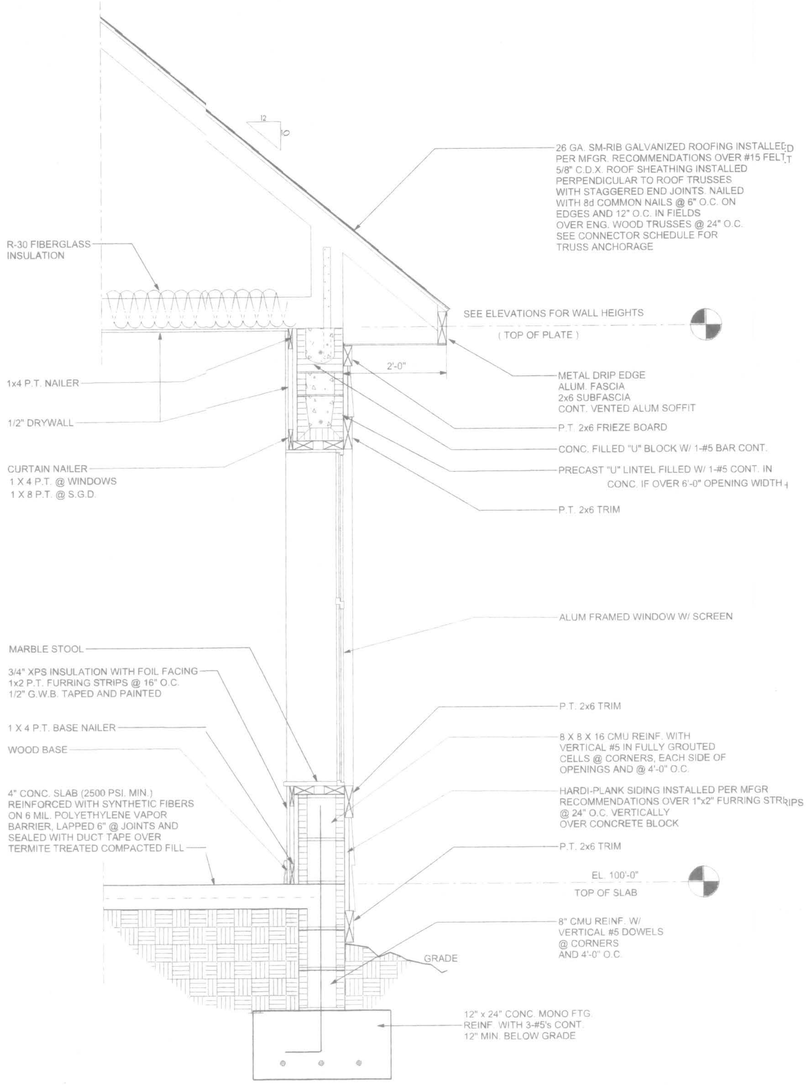
REVISIONS

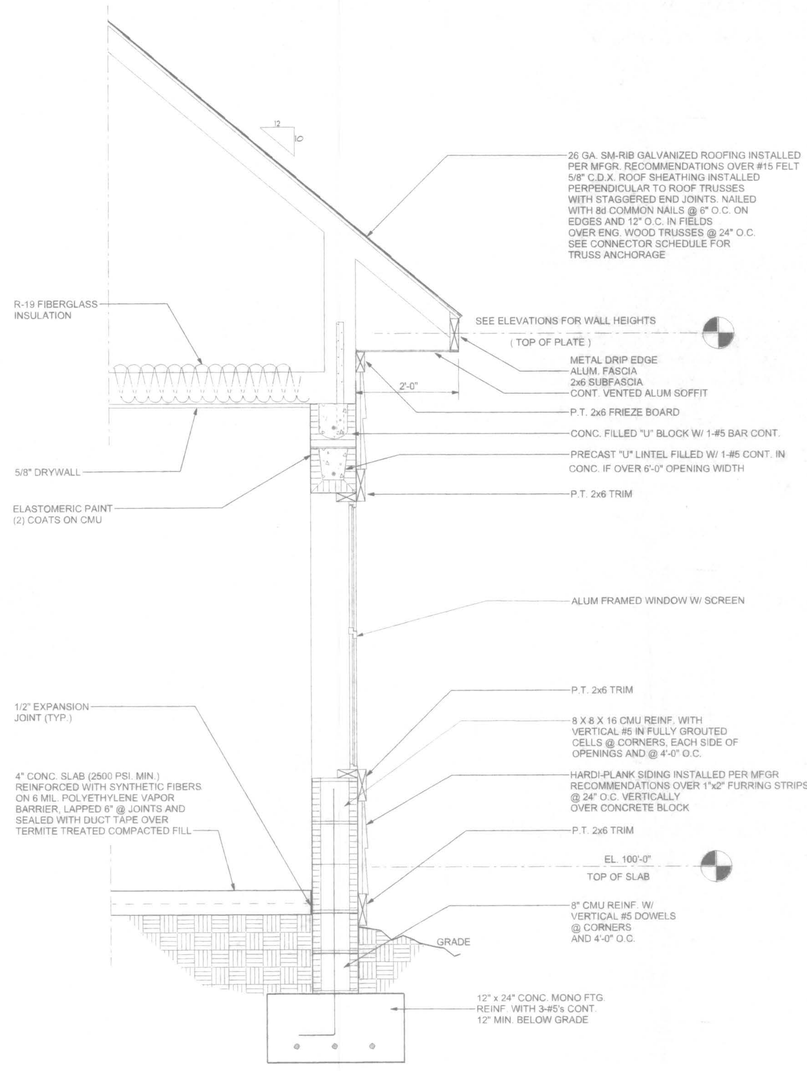
SHEET A-11
OF 14

PROJECT NO.
07-R007



TYPICAL WALL SECTION

SCALE: 1" = 1'-0"



TYPICAL WALL SECTION

SCALE: 1" = 1'-0"

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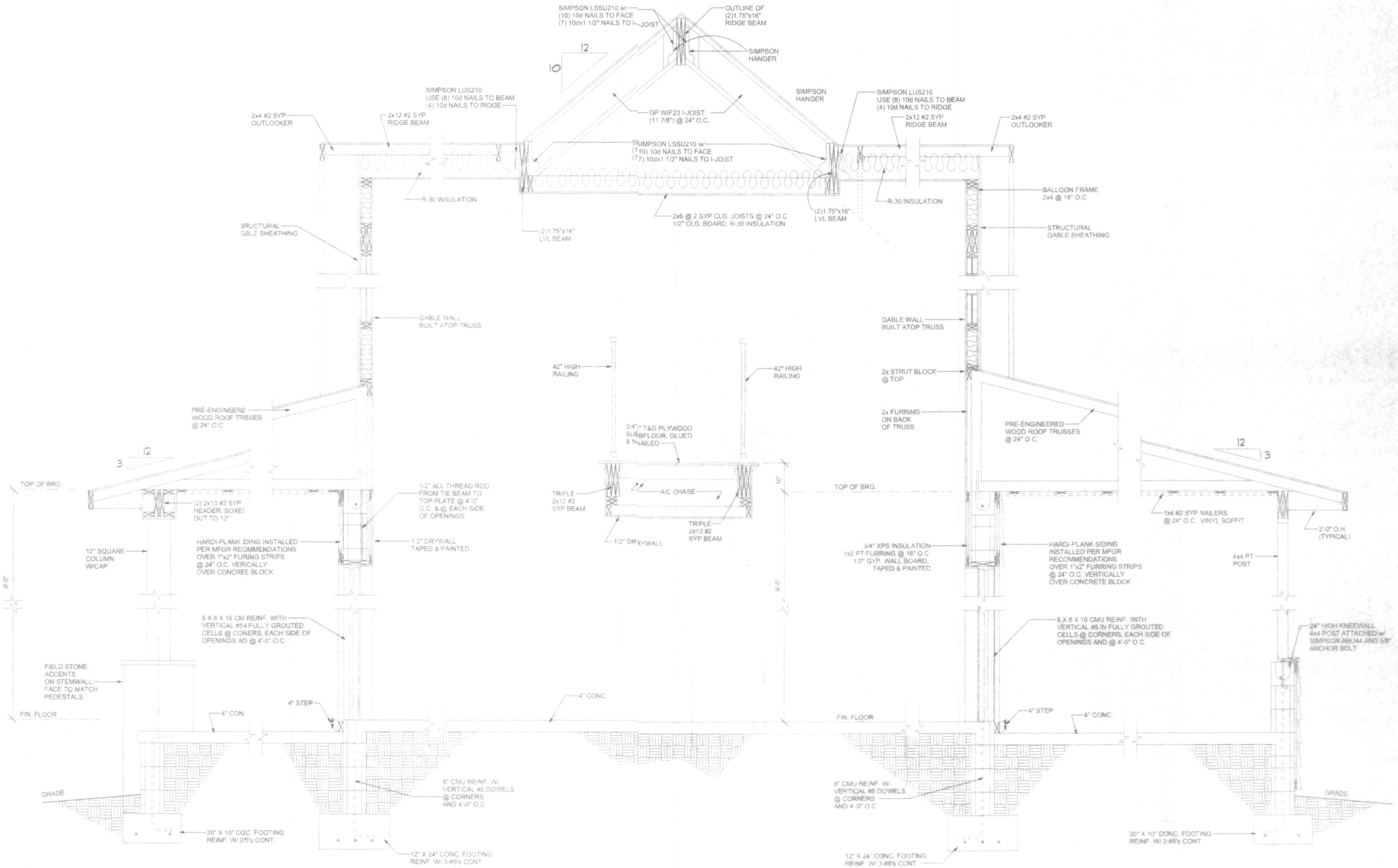
SHEET A-12
OF 14
PROJECT NO. 07.R007



SECTION THROUGH HOUSE

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

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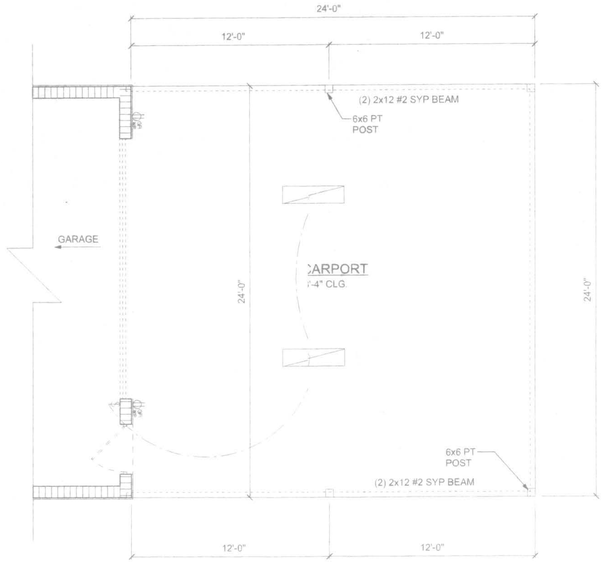
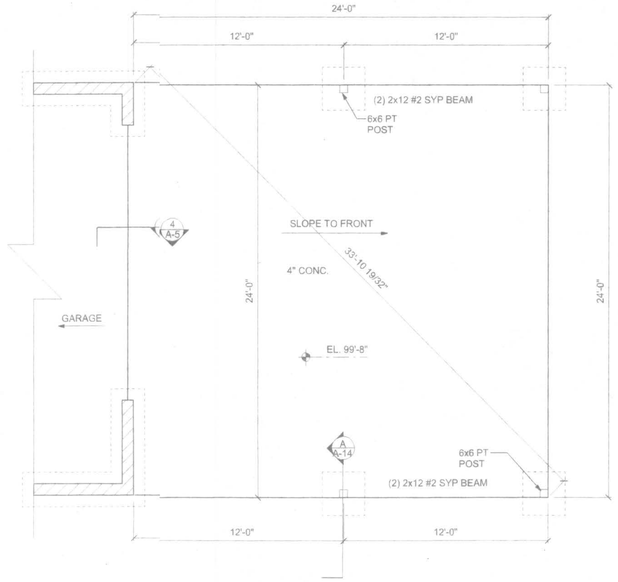


CARPORT FLOOR PLAN

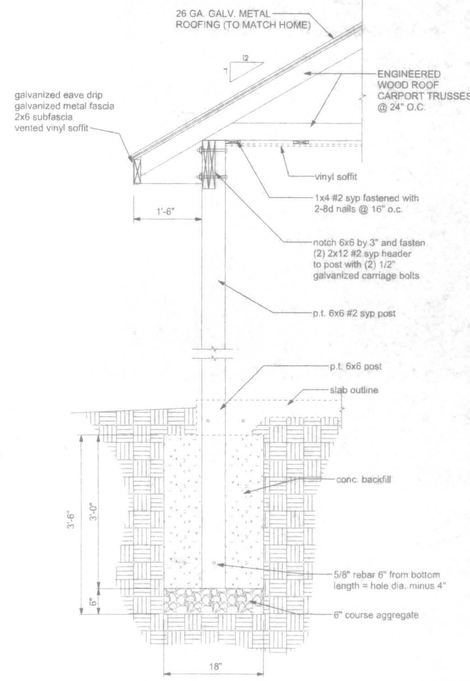
SCALE: 3/16" = 1'-0"



CARPORT FOUNDATION PLAN

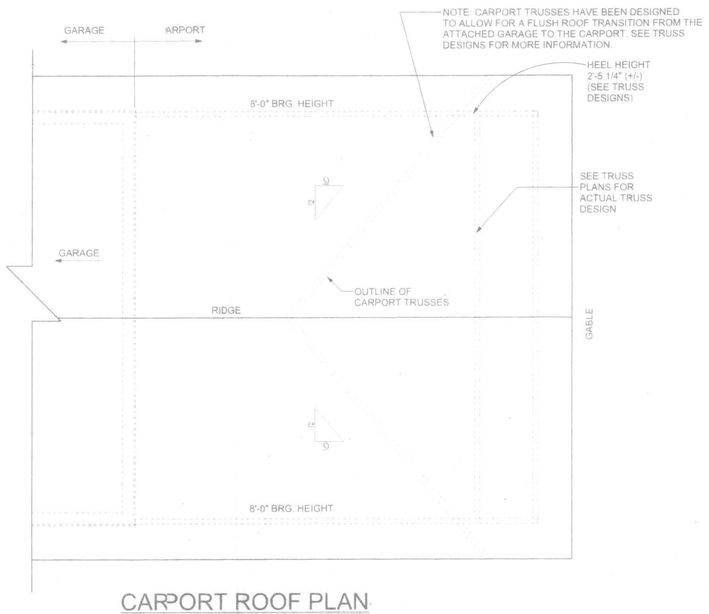
SCALE: 3/16" = 1'-0"

NOTE: SEE FOUNDATION PLAN (SHEET A-5) FOR FULL FOUNDATION NOTES.



CARPORT POST FOOTING DETAIL

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



CARPORT ROOF PLAN

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

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

ELECTRICAL	SYMBOL
fluorescent fixture	
switch	$
weatherproof gfi	

NOTE: SEE ELECTRICAL PLAN (SHEET A-7) FOR FULL ELECTRICAL NOTES.

NOTE: CARPORT ELEVATIONS LOCATED ON THE ELEVATIONS SHEETS (A-3 & A-4).

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