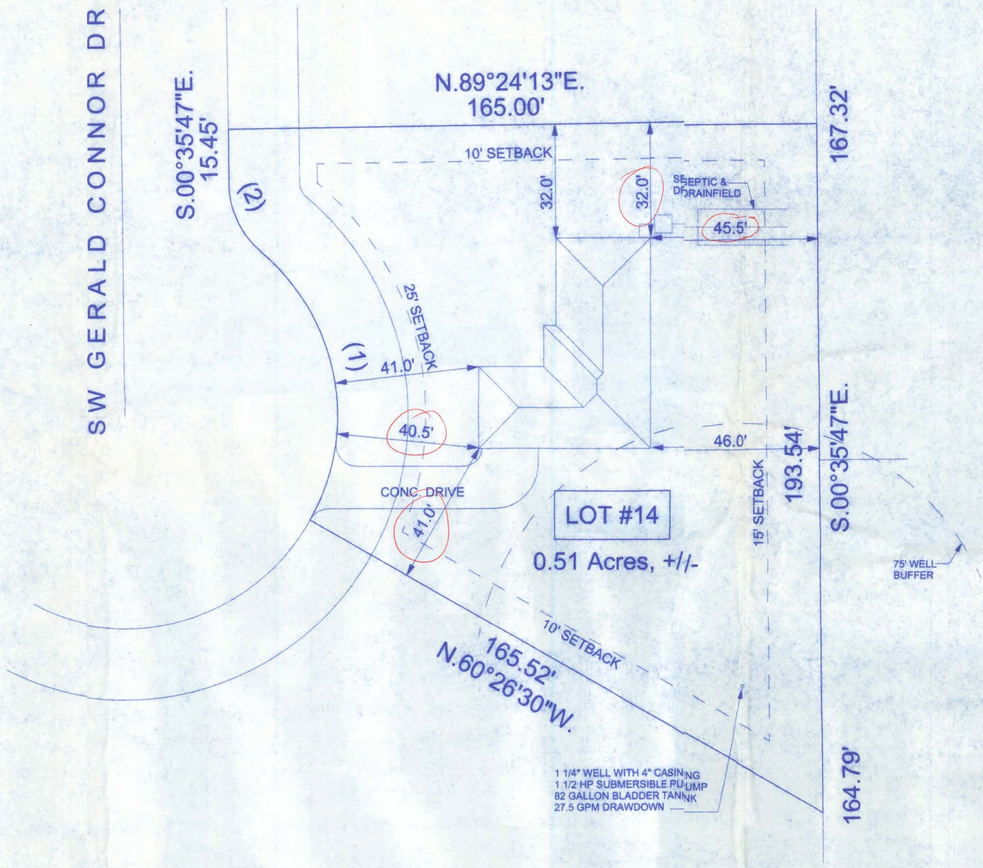


SITE PLAN

SCALE: 1" = 20'-0"

CURVE TABLE

NO.	RADIUS	DELTA	ARC	TANGENT	CHORD	CHORD BEARING
1	60.00'	79°50'04"	83.60'	50.20'	77.00'	N.10°21'32"W.
2	25.00'	49°40'47"	21.68'	11.57'	21.00'	N.25°26'10"W.

DESCRIPTION:

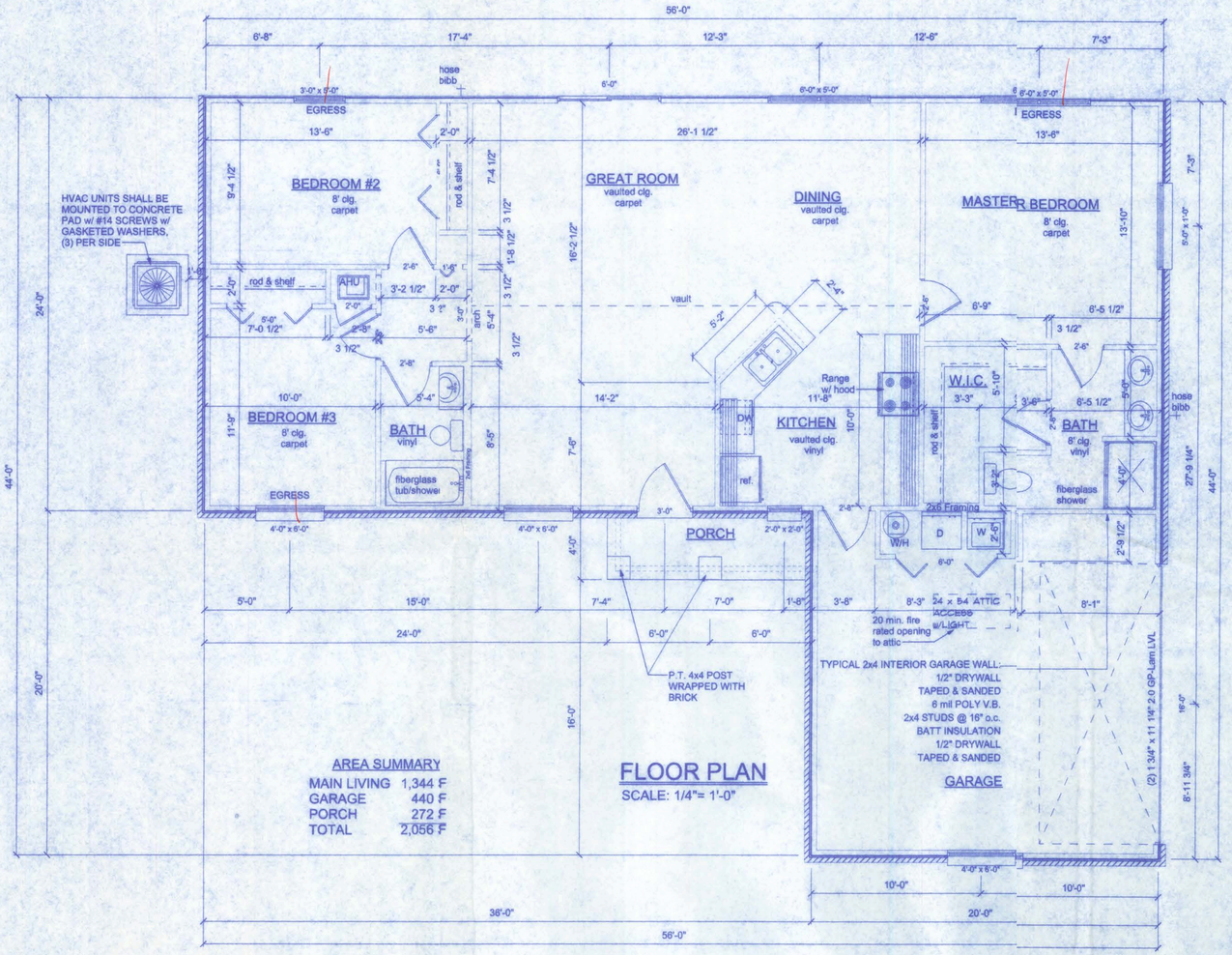
CANNON CREEK PLACE
UNIT #2 LOT 14 (0.52Acres)
LAKE CITY, FLORIDA

CANNON CREEK PLACE
UNIT #2 LOT #14

128 SW NASSAU STREET
LAKE CITY, FL. 32055
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00008701

Freeman Design Group inc

DATE 2/21/08	DRAWN BY J.".D.
	APPROVED W.H.F.
REVISIONS:	
SHEET SP.1	
OF 1	
PROJECT NO. 08.R008	



AREA SUMMARY

MAIN LIVING	1,344 ≠
GARAGE	440 ≠
PORCH	272 ≠
TOTAL	2,056 ≠

FLOOR PLAN

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

NOTE:
APPLIANCES LOCATED IN PRIVATE GARAGES SHALL BE INSTALLED WITH A MINIMUM CLEARANCE OF 6 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:
BATHROOM EXHAUST SHALL BE DIRECTED TO OUTSIDE OF BUILDING. EXHAUST AIR SHALL NOT BE DIRECTED ONTO WALKWAYS. AIR EXHAUST OPENINGS SHALL BE PROTECTED WITH CORROSION-RESISTANT SCREENS, LOUVERS OR GRILLS IF TERMINATING OUT DOORS.

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 EQUIPED WITH A BACHDRAFT 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.

NOTE:
CONDENSATE WASTE AND DRAIN LINE SIZE SHALL BE NOT LESS THAN 3/4" INTERNAL DIAMETER AND SHALL NOT DECREASE IN SIZE FROM THE DRAIN PAN CONNECTION TO THE PLACE OF CONDENSATE DISPOSAL.

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/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.

NOTE:
CONDENSATE LINES AND ROOF DOWN SPOUTS SHALL DISCHARGE AT LEAST ONE FOOT AWAY FROM THE STRUCTURE SIDEWALL. IN CASES WHERE THE ROOF EAVE IS LESS THAN 6 INCHES, GUTTERS MUST BE INSTALLED AND DIRECT WATER A MINIMUM OF 1 FOOT FROM THE STRUCTURE.

NOTE:
CONDENSATE DRAIN FOR ROOFTOP UNIT SHALL DISCHARGE TO A GUTTER, ROOF DRAIN, OR OTHER APPROVED LOCATION.

PRODUCT CODE	SIZE	COUNT
Therma-Tru premium steel door	3'-0" x 6'-8"	1
PGT sliding glass door	6'-0" x 6'-8"	1
Amarr garage door	16'-0" x 7'-0"	1
bifold door (masonite)	3'-0" x 6'-8"	1
bifold door (masonite)	(2) 2'-6" x 6'-8"	2
bifold door (masonite)	(2) 3'-0" x 6'-8"	1
pre-hung masonite door	2'-6" x 6'-8"	1
prehung masonite door	2'-6" x 6'-8"	1
Therma-Tru steel door	2'-8" x 6'-8"	2
2068 masonite	2'-0" x 6'-8"	1
2468 masonite	2'-4" x 6'-8"	1
2668 masonite	2'-6" x 6'-8"	1
2868 masonite	2'-8" x 6'-8"	1
24 octagon capitol 650 series	2'-0" x 2'-0"	1
fixed transom - capitol 650 series	5'-0" x 1'-0"	1
SH 3050 - capitol 650 series	3'-0" x 5'-0"	2
SH 4060 - capitol 650 series	4'-0" x 6'-0"	2
(2) SH 3050 - capitol 650 series	6'-0" x 5'-0"	1

DUCT PENETRATION:
ducts in the garage and ducts penetrating the walls or ceilings separating the dwelling from the garage shall be constructed of a minimum No. 26 gage sheet steel or other approved material and shall have no openings into the garage.

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

SEPARATION REQUIRED:
the garage shall be separated from the residence and its attic area by not less than 1/2" gypsum board applied to the garage side. garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8" Type X gypsum board or equivalent. where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than 1/2" gypsum board or equivalent.

CANNON CREEK PLACE
UNIT #2 LOT #14

P.E. # 56031

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128 SW NASSAU STREET
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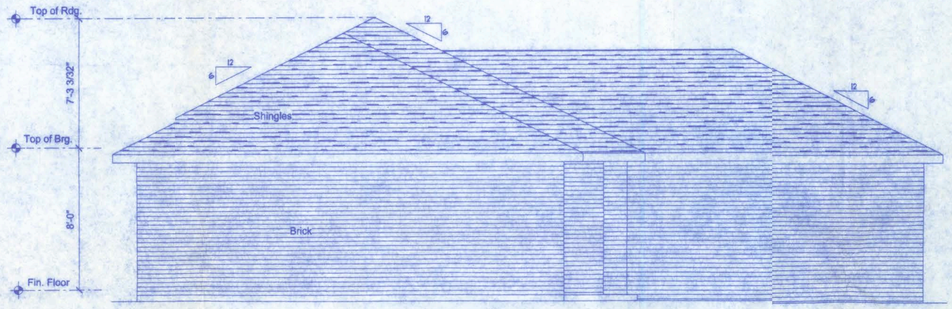
DRAWN BY J.T.D.
DATE 2/21/06
APPROVED V.H.F.
REVISIONS
SHEET A-1
OF 6
PROJECT NO

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



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

GENERAL NOTES:

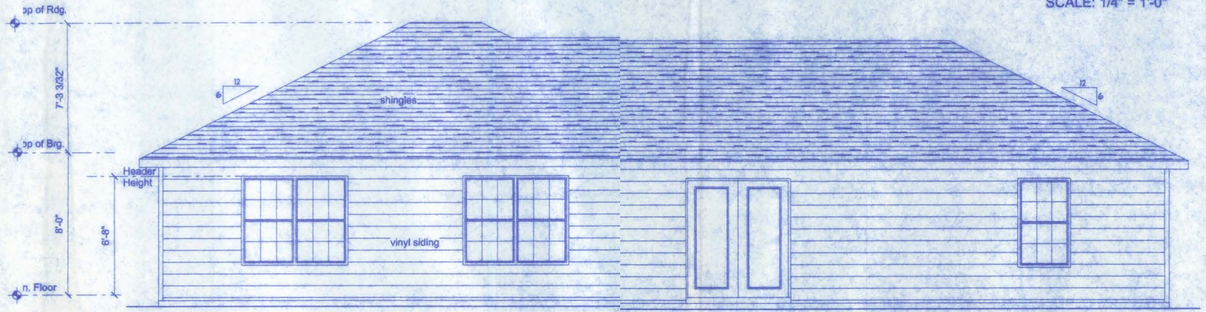
1. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AGAINST ALL CLAIMS, WHETHER FROM PERSONAL INJURY OR PROPERTY DAMAGE, ARISING FORM EVENTS ASSOCIATED WITH THE WORK PERFORMED UNDER THE CONTRACT FOR THIS PROJECT.
2. THE CONTRACTOR AND/OR SUB-CONTRACTORS SHALL WARRANT ALL WORK FOR A PERIOD OF ONE YEAR FOLLOWING THE WORK DATE OF FINAL COMPLETION AND ACCEPTANCE BY THE OWNER DEFECTS IN MATERIALS, EQUIPMENT, COMPONENTS AND WORK-MANSHIP 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 OWNER" 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, CONTACTOR(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.

RIGHT ELEVATION
SCALE: 1/4" = 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 ARITHMATIC MAY BE USED TO DETERMINE THE LOCATION OF THOSE ITEMS NOT DIMENSIONED.

CHANGES TO PLAN SETS:
PLEASE DO NOT MAKE ANY STRUCTURAL CHANGES TO THES 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.



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

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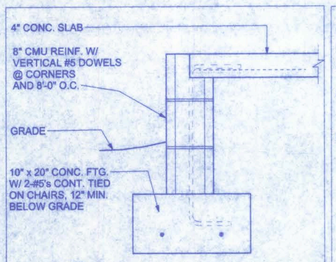
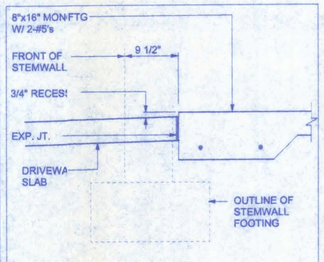
P.E.# 56091

CANNON CREEK PLACE
UNIT #2 LOT #14

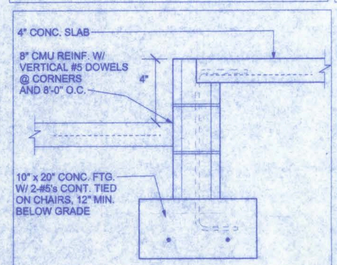
DATE 2/21/06
DRAWN BY: J.T.D.
APPROVED W.H.F.
REVISIONS
SHEET A-2
OF 6
PROJECT NO.



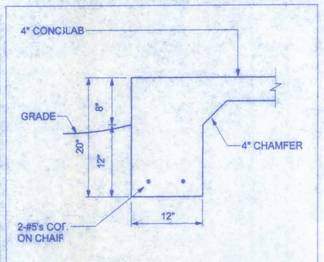
1 A-3 STEMWALL SECTION



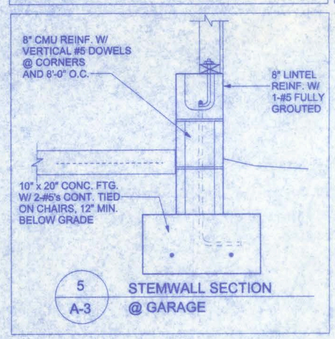
2 A-3 FTG. SECTION AT GARAGE



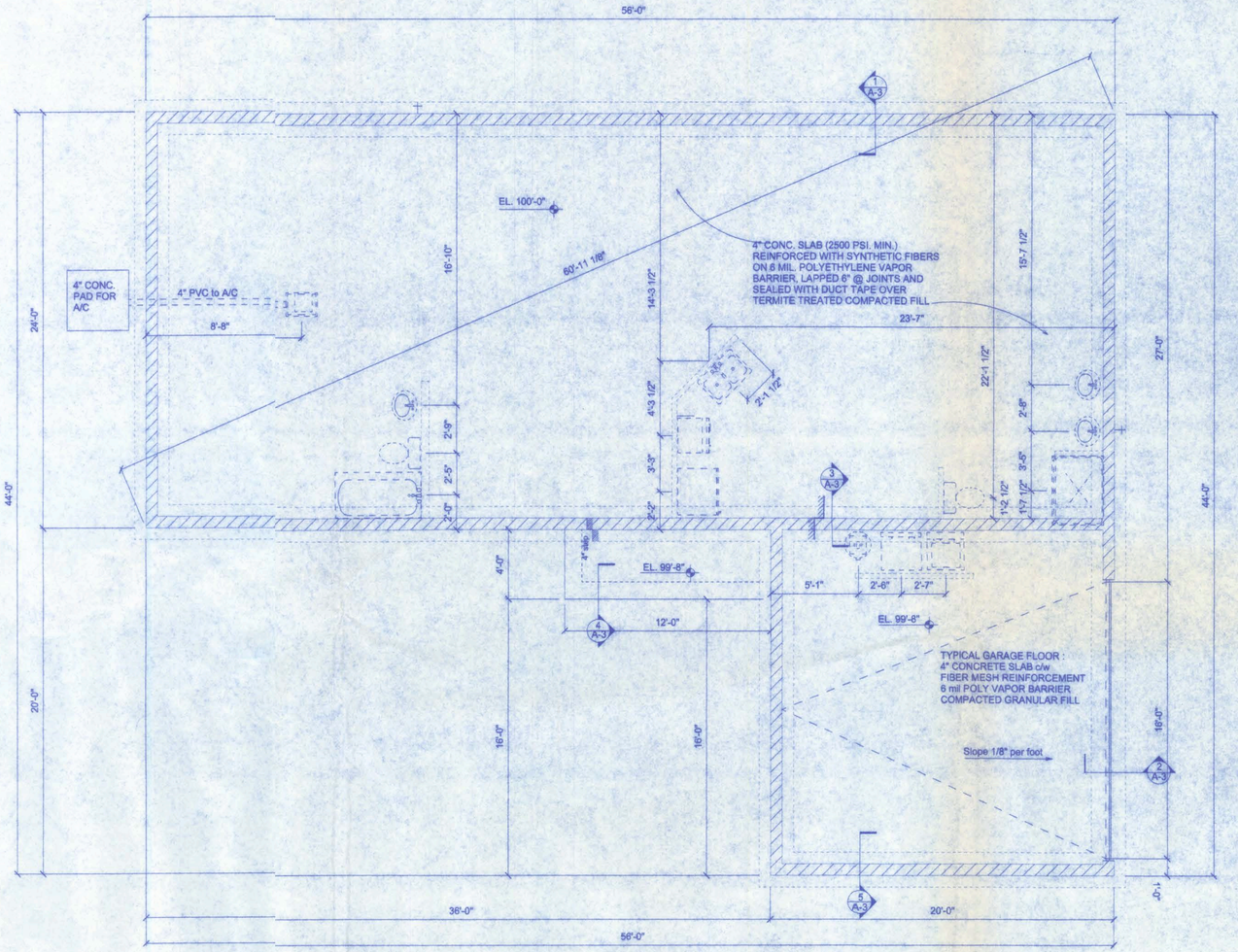
3 A-3 FOOTING STEP AT INTERIOR STEMWALL



4 A-3 MONOLITHIC FOOTING AT PORCH (OPTIONAL)



5 A-3 STEMWALL SECTION @ GARAGE



FOUNDATION PLAN

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

FOUNDATION NOTES

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

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.

SAB REQUIREMENTS

JOITS ARE NOT REQUIRED IN UNREINFORCED PLAIN CNCRETE SLABS ON GROUND OR IN SLABS FOR ONE AND TO FAMILY DWELLINGS COMPLYING WITH ONE OF THE FOLLOWING:

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 185, STANDARD SPECIFICATION FOR STEEL WELDED WIRE REINFORCEMENT FABRIC, PLAIN, FOR CONCRETE REINFORCEMENT.

CANNON CREEK PLACE
UNIT #2 LOT #14

Freeman Design Group
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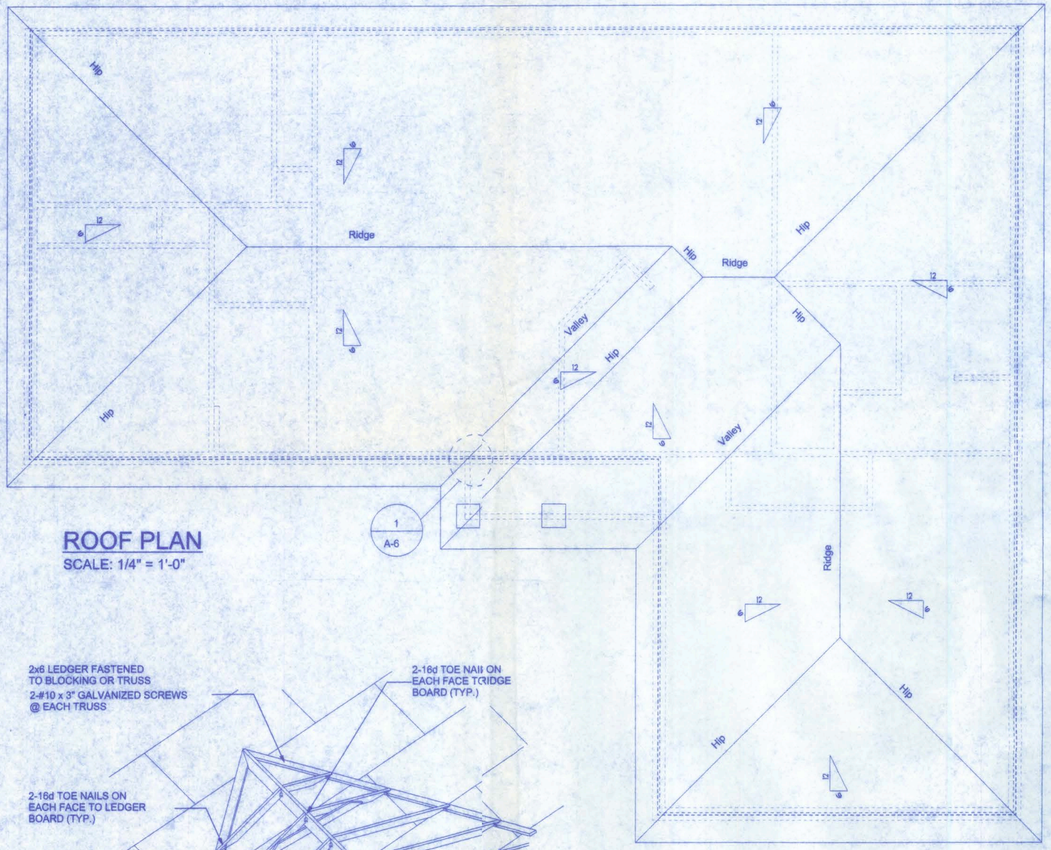
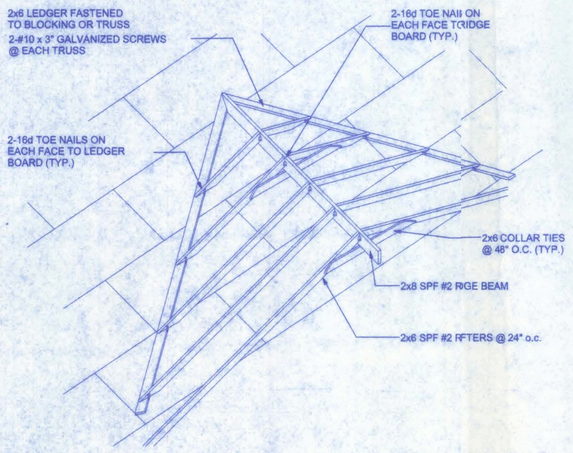
DATE 2/21/08
DRAWN BY J.T.D.
APPROVED W.H.F.
REVISIONS
SHEET A3
OF
PROJECT NO.

ROOF SHEATHING FASTENINGS

NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	1/2" O.S.B. OR 15/32 CDX	8d COMMON OR 8d HOT DIPPED GALVANIZED BOX NAILS	3 in. o.c. EDGE 12 in. o.c. FIELD
2			3 in. o.c. EDGE 3 in. o.c. FIELD
3			4 in.c. @ GABLE ENDWALL R GABLE TRUSS 3 in. o.c. EDGE 3 in. o.c. FIELD



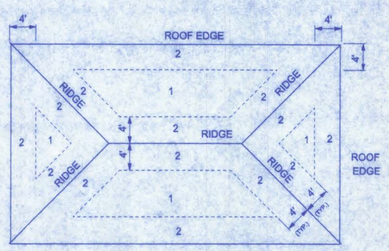
ROOF PLAN
SCALE: 1/4" = 1'-0"



ROOF INTERSECTION CONNECTION DETAIL
NTS

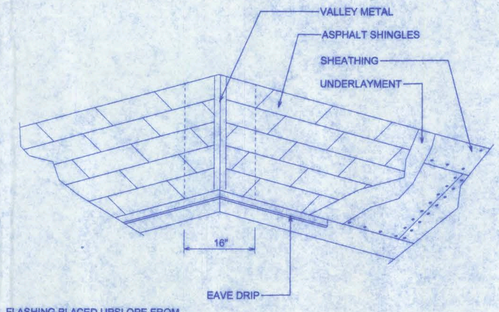
CONNECTOR SCHEDULE FOR TRUSS ANCHORAGE

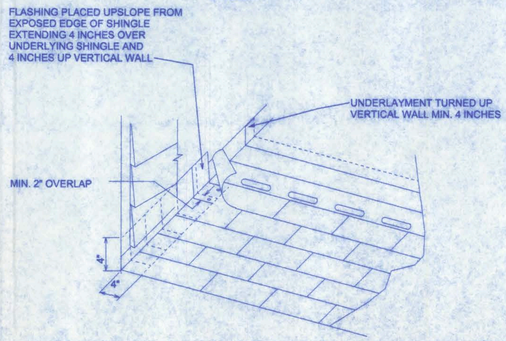
CONNECTOR	TRUSS	TOP PLATE	UPLIFT PROVIDED	MANUFACTURER
H2.5	5-8d NAILS	5-8d NAILS	365 LBS	SIMPSON
H10	8-8d NAILS	8-8d NAILS	850 LBS	SIMPSON
MTS12	7-10d NAILS	7-10d NAILS	1,000 LBS	SIMPSON
H16	2-10d NAILS	10-10d NAILS	1,300 LBS	SIMPSON
(2)HTS20	10-10d NAILS	10-10d NAILS	2 x 1,450 = 2,900 LBS	SIMPSON



ROOF SHEATHING NAILING ZONES (HIP ROOF)

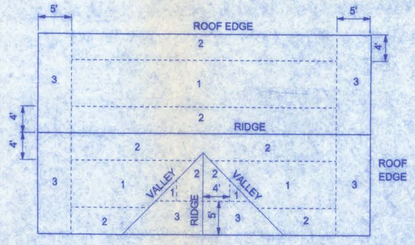
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (LB)
COPPER			1
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0179	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.027		2 1/2 20





HEADER SPANS FOR EXTERIOR BEARING WALLS

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



ROOF SHEATHING NAILING ZONES (GABLE ROOF)

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 226, TYPE 1, OR ASTM D 4869, 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 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 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 3161 OR M-DC PA 107-95.

UNDERLAYMENT APPLICATION:
FOR ROOF SLOPES FORM 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 SHALL BE APPLIED OVERLAPPING SUCCESSIVE SHEETS 19 INCHES AND FASTENED SUFFICIENTLY TO STAY IN PLACE.

FOR ROOF SLOPED 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.

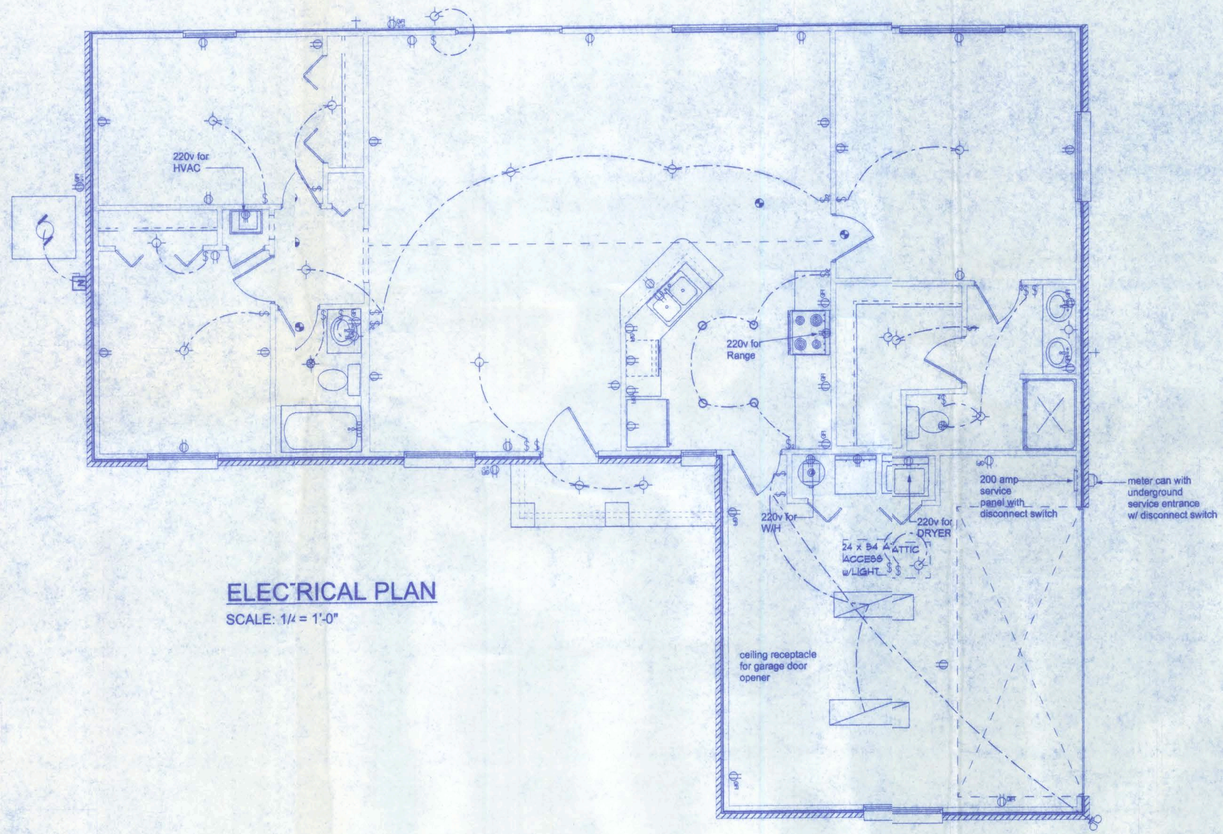
BASE AND CAP FLASHINGS:
BASE AND CAP FLASHING SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. BASE FLASHING SHALL BE OF EITHER CORROSION RESISTANT METAL OF MINIMUM NOMINAL THICKNESS 0.019 INCH OR MINERAL SURFACE ROLL ROOFING WEIGHING A MINIMUM OF 77 LBS PER 100 SQUARE 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 1507.3.9.2
2. FOR OPEN VALLEYS, VALLEY LINING OF TWO PLIES 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.

CANNON CREEK PLACE
UNIT #2 LOT #14

128 SW NASSAU STREET
LAKE CITY, FL. 32055
(386)758-4209
CERTIFICATE OF AUTHORIZATION # 00008701
Freeman Design Group Inc

DATE 2/21/08	DRAWN BY J.T.J.
	APPROVED W.H.F.
REVISIONS	
SHEET	A-4
OF	6
PROJECT NO.	



ELECTRICAL PLAN

SCALE: 1/4 = 1'-0"

ELECTRICAL	COUNT	SYMBOL
ceiling lamp large	2	
pot light	4	
HVAC motor	1	
electrical panel	1	
meter can	1	
nonfused disconnect	1	
50 cfm exhaust fan	2	
light	17	
outlet	26	
outlet 220v	4	
outlet gfi	12	
smoke detector	5	
switch	14	
switch double	6	
weather proof GFI	2	

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 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 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.

CANNON CREEK PLACE
UNIT #2 LOT #14

Freeman Design Group
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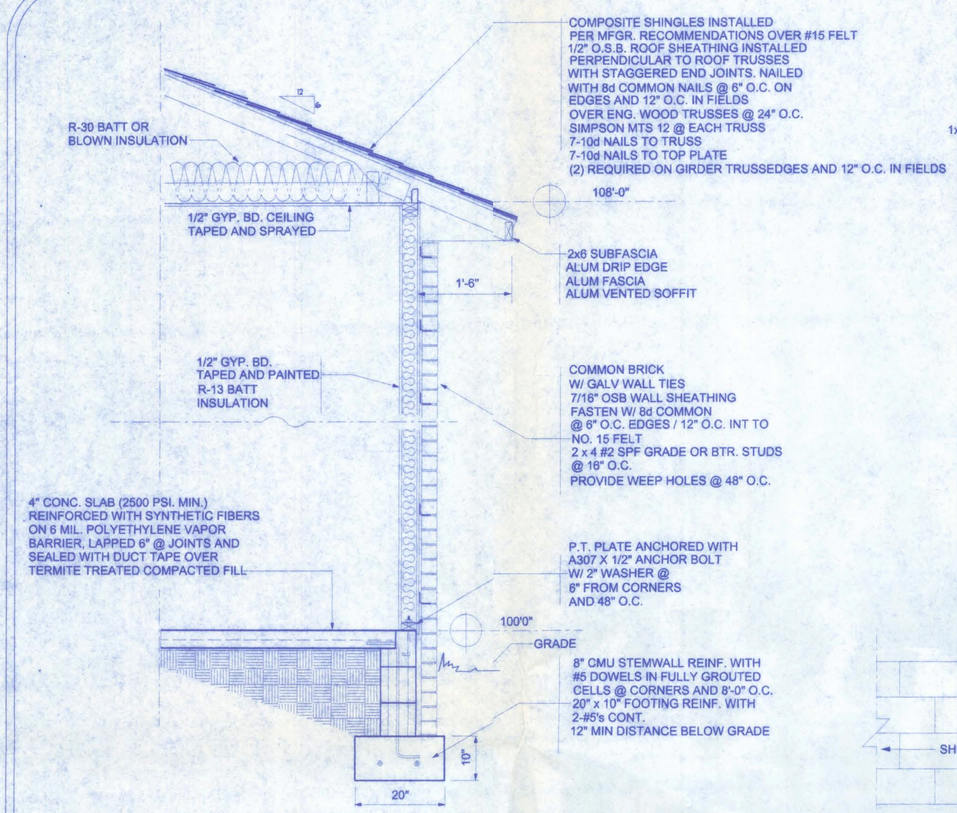
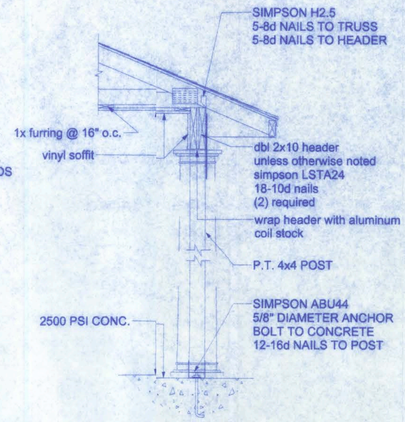


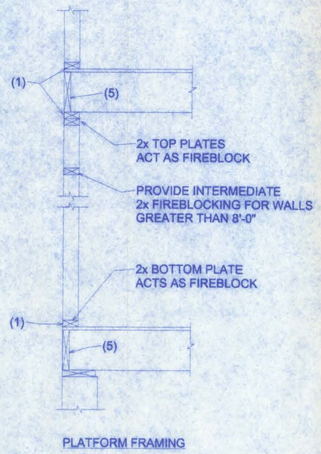
TYPICAL WALL SECTDN

3/4" = 1'-0"

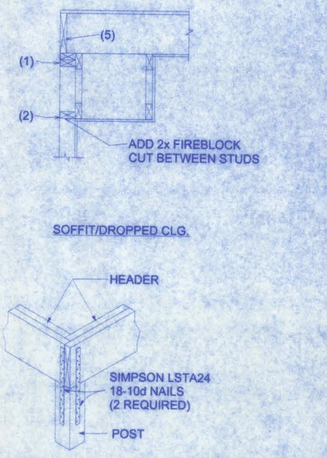


PORRCH SECTION

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

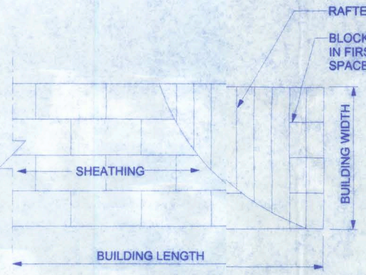


PLATFORM FRAMING

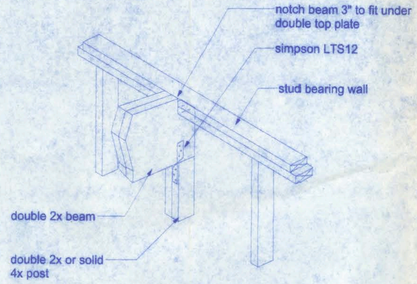


2 CORNER POST/HEADER DETAIL

NTS

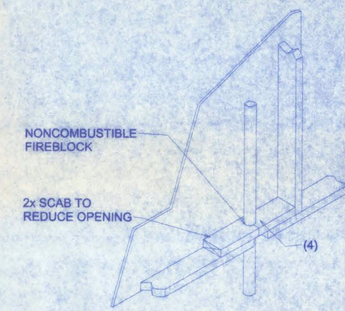


ROOF SHEATHING LAYOUT AND ENDWALL ROOF BRACING

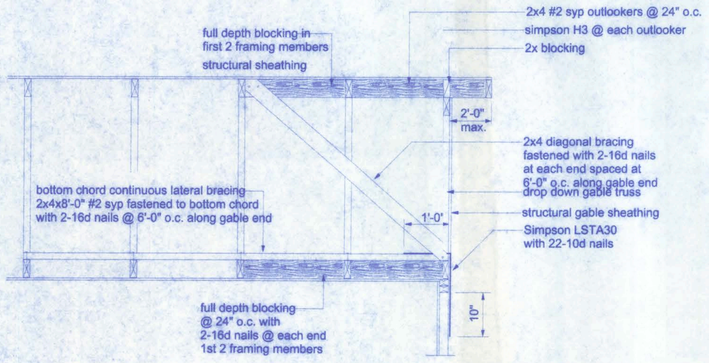


1 BEAM/WALL CONNECTION

NTS



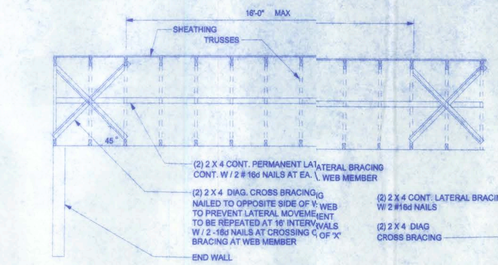
PENETRATIONS



END WALL BRACING FOR CEILING DIAPHRAGM

NTS

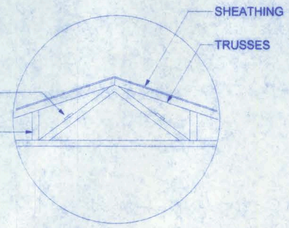
NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE



NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

TYPICAL PERMANENT TRUSS BRACING DIAGRAM

NTS



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 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.

CANNON CREEK PLACE
UNIT #2 LOT #14

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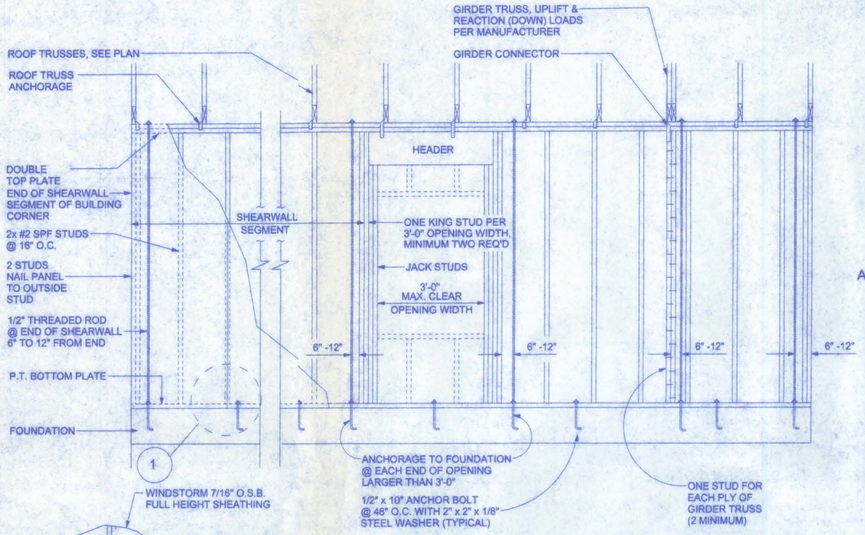
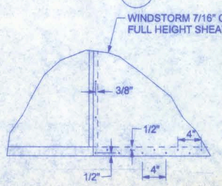


SHEARWALL DETAILS

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



1 DOUBLE NAIL EDGE SPACING TOP AND BOTTOM PLATE

UPLIFT CAPACITY = 474 plf
(TABLE 305S1 SSTD10-99)

RULES:
1. One all-thread rod at each corner.
2. One all-thread rod at each end of shearwalls.
3. One all-thread rod at each end of opening headers greater than 3'
4. Check sub-sheathing to top plate connection for horizontal transfecapability.
5. If necessary, add all-thread rods to girders individually to exclude ie from average uplift plf.
6. Check sole plate to slab connection, additional anchors may be reired for lateral and shear load transfer.

ALLOWABLE VALUES	
Connection Type	Allowable Valu
Foundation / S.Y.P. Top Plate	3840 lbs.
Foundation / Spruce-Pine-Fir Top Plate	3840 lbs.
Lintel or Bond Beam / S.Y.P. Top Plate	3840 lbs.
Lintel or Bond Beam / Spruce-Pine-Fir Top Plate	3840 lbs.

Placement at slab level:

Corners
When presetting the all-thread rod at a building corner, the rod should be placed 8 to 12 inches away from the corner so it does xt set under the corner framing members. When a all-thread rod is spelled at a building corner, it may be placed on either side of the corner.

Header ends
When presetting the all-thread rod at a header end, the rod should be placed 8 to 12 inches away from the header end so it oes not fall under the stud pack framing members.

Top Connections
Top connections made at corners and header ends shall be made ithin 2 inches of the framing pack. A nut and 3X3 washer shall be applit to the top plates and tightened securely.

Intermediate Coupler Connections
When using the rod coupler, care should be taken to ensure full an equal thread engagement. This is easily achieved by threading the coupler all the way onto the rod, then standing the two rods end to id, then threading the coupler back over the rod joint so each rod is halfway into the coupler.

Retro-fits
In the case of an all thread rod misplacement, the rod may be epoxd into the concrete.

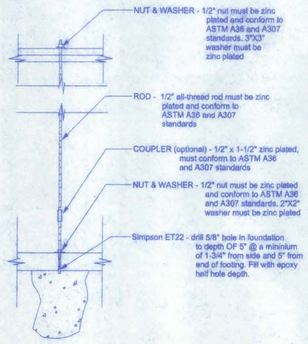
Sole plate to slab connection:
The slab level sole plate shall be connected to the slab with the connectors specified and at the spacing specified within the design documents. All-thread rods shall be placed as per the design specications. All-thread rods with a nut and washer at the sole plate will qualify as sole plate connection but may require other anchors intermediate of theil-thread rod locations to qualify the specified spacing requirements.

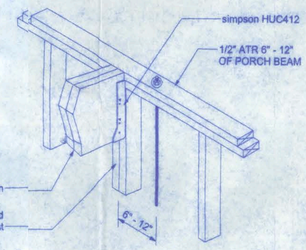
System Tightening:
On multiple story applications, the all-thread rod system shall be inecked for proper tension just before the walls are veneered. This will allothe all-thread rod system to compensate for the buildings dead load copression.

SHEARWALL NOTES:

1. ALL SHEARWALLS SHALL BE TYPE 2 SHEARWALLS AS DEFINED BY STD 10-99 305.4.3.
2. THE WALL SHALL BE ENTIRELY SHEATHED WITH 7/16" O.S.B. INCLUDING AREAS ABOVE AND BELOW OPENINGS.
3. ALL SHEATHING SHALL BE ATTACHED TO FRAMING ALONG ALL FOUR EDGES WITH JOINTS FOR ADJACENT PANELS OCCURING OVER COMMON FRAMING MEMBERS OR ALONG BLOCKING.
4. NAIL SPACING SHALL BE 6" O.C. EDGES AND 12" O.C. IN THE FIELD.
5. TYPE 2 SHEARWALLS ARE DESIGNED FOR THE OPENING IT CONTAINS. MAXIMUM HEIGHT OF OPENING SHALL BE 5/6 TIMES THE WALL HEIGHT. THE MINIMUM DISTANCE BETWEEN OPENINGS SHALL BE THE WALL HEIGHT/3.5 ie. FOR 8'-0" WALLS - (2'-3").

OPENING WIDTH	SILL PLATES	16d TOE NAILS EACH END
UP TO 6'-0"	(1) 2x4 OR (1) 2x6	1
> 6' TO 9'-0"	(3) 2x4 OR (1) 2x6	2
> 9' TO 12'-0"	(5) 2x4 OR (2) 2x6	3

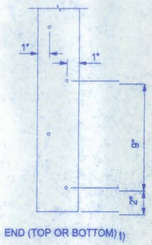




ALL THREAD @ PORCH BEAM

NTS

NOTE:
A SOLID MEMBER OF EQUAL OR GREATER SIZE THAN MULTIPLE MEMBERS MAY BE USED.
IF RATED SHEATHING IS APPLIED TO NARROW EDGES, NAILED EACH STUD AT 12" O.C. MAXIMUM, THE LAMINATION NAILING AS SHOWN HERE IS NOT REQUIRED.



END (TOP OR BOTTOM) 1)

GIRDER COLUMN DETAIL

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

OPENING CONNECTION REQUIREMENTS

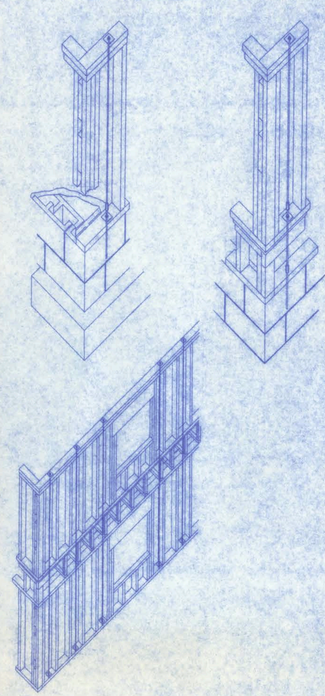
CLEAR OPENING WIDTH	HEADER SIZE #2 GRADE OR BETTER	END BEARING	CONNECTOR AT EACH END OF OPENING	ANCHORAGE TO FOUNDATION @ EACH END OF OPENING
0' - 3'	(2) 2x8	1.5"	N/A	N/A
>3' - 6'	(2) 2x10	3"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD
>6' - 9'	(2) 2x12	3"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD
>9' - 12'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	3"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD
>12' - 15'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	3"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD
>15' - 18'	(2) 1 3/4" x 11 1/4" LVL - 2.0E	4.5"	1/2" ALL THREAD ROD	1/2" ALL THREAD ROD

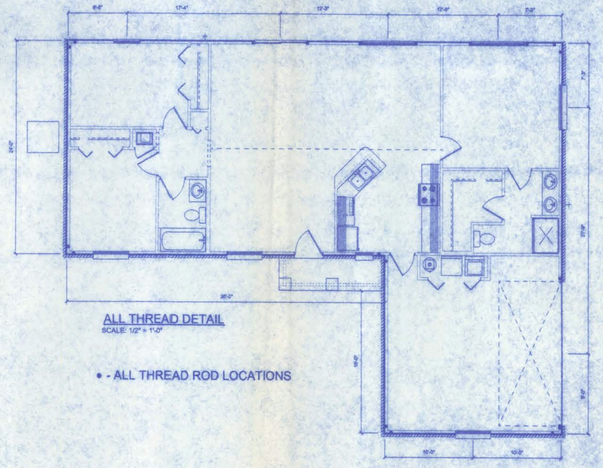
ALLOWABLE DEFLECTION OF STRUCTURAL MEMBERS

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

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





ALL THREAD DETAIL
SCALE: 1/2" = 1'-0"

• - ALL THREAD ROD LOCATIONS

CANNON CREEK PLACE
UNIT #2 LOT #14

2/21/08
P.E. #59001

Freeman Design Group Inc
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OF	1
PROJECT NO:	

TERMITE SPECIFICATIONS:

SECTION R320 PROTECTION AGAINST TERMITES

TERMITE PROTECTION SHALL BE PROVIDED BY REGISTERED TERMITICIDES, INCLUDING SOIL APPLIED PESTICIDES, BAITING SYSTEMS, AND PESTICIDES APPLIED TO WOOD, OR OTHER APPROVED METHODS OF TERMITE PROTECTION LABELED FOR USE A PREVENTIVE TREATMENT TO NEW CONSTRUCTION (SEE SECTION 202, REGISTERED TERMITICIDE). UPON COMPLETION OF THE APPLICATION OF THE TERMITE PROTECTIVE TREATMENT, A CERTIFICATE OF COMPLIANCE SHALL BE ISSUED TO THE BUILDING DEPARTMENT BY THE LICENSED PEST CONTROL COMPANY THAT CONTAINS THE FOLLOWING STATEMENT: "THE BUILDING HAS RECEIVED A COMPLETE TREATMENT FOR THE PREVENTION OF SUBTERRANEA TERMITES. TREATMENT IS IN ACCORDANCE WITH RULES AND LAWS ESTABLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES."

NOTE:

1) METHOD OF TREATMENT SHALL BE APPROVED BY THE GOVERNING JURISDICTION "LIQUID BORATE OR BORA-COR" PRODUCT METHODS MUST BE DETERMINED AT PERMIT STAGE AND PRODUCT APPROVAL DATA MUST BE ON FILE WITH THE BUILDING DEPARTMENT.

2) PRESSURE TREATED LUMBER THAT HAS BEEN CUT OR DRILLED THAT EXPOSES UNTREATED PORTIONS OF WOOD ARE REQUIRED TO BE FIELD TREATED TO PREVENT INSECT INFESTATION.

1. BORATE APPLIED TO ALL FRAME MEMBERS WITHIN 24" A.F.F.

NOTE:
WHERE PROJECT IS TO BE LOCATED IN KNOWN RADON GAS PREVALENT AREAS, APPENDIX "F" OF THE 2004 FLORIDA RESIDENTIAL BUILDING CODE IS TO BE IMPLEMENTED. CONCRETE STRENGTH IN THESE AREAS ARE TO BE A MINIMUM OF 3000 P.S.I.. THEREFORE, ANY AND ALL NOTES ON THESE PLANS THAT INDICATE 2500 PSI SHALL BE REPLACED WITH 3000 P.S.I. FOR THE CONCRETE STRENGTH.

STRUCTURAL NOTES:

CAST IN PLACE CONCRETE

1. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 2500 PSI, A SLUMP OF 3" FOR FOOTINGS/FOUNDATIONS AND 4" FOR SLABS.
2. ALL REINFORCING STEEL SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL CONFORMING TO ASTM A-615 GRADE 40.
3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185. WWF SHALL BE LAPPED AT LEAST 8" AND CONTAIN AT LEAST ONE CROSS WIRE WITHIN THE 8".
4. HOOKS SHALL BE PROVIDED AT DISCONTINUOUS ENDS OF ALL TOP BARS OF BEAMS.
5. HORIZONTAL FOOTING BARS SHALL HAVE 1'-0" HOOK LENGTH OR CORNER BARS WITH A 2'-1" LAP PROVIDED
6. MINIMUM LAP SPLICES ON ALL REINFORCING BAR SPLICES SHALL BE 40 BAR DIAMETERS TYP.
7. CONCRETE COVER MIN. 3" WHEN EXPOSED TO EARTH OR 1 1/2" TO FORM.

REINFORCING STEEL

ALL REINFORCING STEEL SHALL BE NEW DEFORMED BARS FREE FROM RUST, SCALE & OIL & SHALL MEET ASTM A-615 REINFORCING FOR FOOTING SHALL BE SUPPORTED ON PRE-CAST CONCRETE PADS, TOP REINFORCING SHALL BE POSITIVELY SUPPORTED BY TEMPORARY STRINGERS. DOWELS FOR COLUMNS & FILLED CELLS SHALL BE SECURED IN PLACE BY USING ADDITIONAL CROSS-REINFORCING TIED TO FOOTING REINFORCING. SPLICES IN REINFORCING WHERE PERMITTED SHALL BE THE FOLLOWING MINIMUM, UNLESS OTHERWISE INDICATED ON THE DRAWINGS:

FTGS, WALLS, COLUMNS, BEAMS, SLABS:	36 DIA. OR 2'-0" MIN.
FILLED CELL REINFORCING:	40 DIA. OR 2'-1" MIN.
TEMPERATURE REINFORCING:	20 DIA. OR 1'-0" MIN.
WELDED WIRE MESH:	8" LAP

MASONRY WALL CONST.

1. HOLLOW LOAD BEARING UNITS SHALL BE NORMAL WEIGHT, GRADE N, TYPE 2, CONFORMING TO ASTM C90, WITH A MINIMUM NET COMPRESSIVE STRENGTH OF 1900 PSI (f'm = 1500 PSI)
2. MORTAR SHALL BE TYPE "S", CONFORMING TO ASTM C270.
3. COARSE GROUT SHALL CONFORM TO ASTM C476 WITH A MAXIMUM AGGREGATE SIZE OF 3/8" AND A MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS OF 3000 PSI SLUMP 8" TO 11".
4. VERTICAL REINFORCEMENT SHALL BE AS NOTED ON THE DRAWINGS WITH THE CELLS FILLED WITH COARSE GROUT.
5. VERTICAL REINFORCEMENT SHALL BE HELD IN POSITION AT THE TOP AND BOTTOM AND AT A MAXIMUM SPACING OF 192 BAR DIAMETERS. REINFORCEMENT SHALL BE PLACED IN THE CENTER OF THE MASONRY CELL TYPICAL UNLESS OTHERWISE NOTED.
6. REINFORCING STEEL SHALL BE LAPPED A MINIMUM OF 40 BAR DIAMETERS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.
7. GROUT STOPS SHALL BE PROVIDED BELOW BOND BEAM. PLASTIC SCREEN, METAL LATH STRIP OR CAVITY CAPS MAY BE USED TO PREVENT THE FLOW GROUT INTO CELLS BELOW. THE USE OF FELT PAPER AS A STOP IS PROHIBITED.

WOOD CONSTRUCTION

1. WOOD CONSTRUCTION SHALL CONFORM TO THE NDS "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", 2001 EDITION.
2. ALL EXTERIOR WOOD STUD WALLS, BEARING WALLS, SHEAR WALLS AND MISC. STRUCTURAL WOOD FRAMING MEMBERS, (I.E. BLOCKING OR GABLE END BRACING) SHALL BE EITHER SOUTHERN PINE, OR S.P.F. NUMBER 2 GRADE OR BETTER SHALL BE USED REGARDLESS OF SPECIES.
3. ANY WOOD FRAME INTERIOR BEARING WALL STUDS THAT HAVE HOLES IN THE CENTER OF THE STUD UP TO 1" DIA. SHALL HAVE STUD PROTECTION SHIELDS FOR ALL HOLES OVER 1" IN DIA. FOR PLUMBING LINES, ETC. SHALL BE REPAIRED WITH SIMPSON HSS2 STUD SHOES,TYP., U.N.O.
4. FASTENERS FOR PRESSURE PRESERVATIVE AND FIRE-RETARDANT-TREATED WOOD SHALL BE OF HOT-DIPPED GALVANIZED STEEL, STAINLESS STEEL, SILICON BRONZE OR COPPER.

PREFABRICATED WOOD TRUSSSES

1. ALL PREFABRICATED WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE TO THEIR SUPPORTING WALLS OR BEAMS WITH THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENERS" AS RECOMMENDED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
2. PREFABRICATE WOOD TRUSSES SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITION OF THE "NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENERS" AS RECOMMENDED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
3. TRUSS MEMBERS AND CONNECTIONS SHALL BE PROPORTIONED (WITH A MAXIMUM ALLOWABLE STRESS INCREASE FOR LOAD DURATION OF 25%) TO WITHSTAND THE LIVE LOADS GIVEN IN THE NOTES AND TOTAL DEAD LOAD.
4. BRIDGING FOR PRE-ENGINEERED TRUSSES SHALL BE AS REQUIRED BY THE TRUSS MANUFACTURER UNLESS NOTED ON THE PLANS.
5. TRUSS ELEVATIONS AND SECTIONS ARE FOR GENERAL CONFIGURATION OF TRUSSES ONLY. WEB MEMBERS ARE NOT SHOWN, BUT SHALL BE DESIGNED BY THE TRUSS MANUFACTURER IN ACCORDANCE WITH THE FOLLOWING DESIGN LOADS:
6. DESIGN SPECIFICATIONS FOR LIGHT WEIGHT METAL PLATE CONNECTED WOOD TRUSSES PER THE TRUSS PLATE INSTITUTE TPI LATEST EDITION.
7. PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED BY THE MANUFACTURER IN ACCORDANCE WITH SPECIFIED LOADS AND GOVERNING CODES . SUBMITTALS SHALL INCLUDE TRUSS FRAMING PLANS AND DETAILS SHOWING MEMBER SIZES, BRACING, ANCHORAGE, CONNECTIONS, TRUSS LOCATIONS, AND PERMANENT BRACING AND/OR BRIDGING AS REQUIRED FOR ERECTION AND FOR THE PERMANENT STRUCTURE. EACH SUBMITTAL SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED TRUSS ENGINEER. SUBMIT 3 COPIES FOR REVIEW. ONE SIGNED AND SEALED COPY TO BE SENT TO THE STRUCTURAL ENGINEER PRIOR TO FABRICATION FOR VERIFICATION OF LOADS AND CONNECTORS SPECIFIED ON DRAWINGS.
8. THE TRUSS MANUFACTURER SHALL DETERMINE ALL SPANS WORKING POINTS, BEARING POINTS, AND SIMILAR CONDITIONS. TRUSS SHOP DRAWINGS SHALL SHOW ALL TRUSSES, ALL BRACING MEMBERS, AND ALL TRUSS TO TRUSS HANGERS.

UPLIFT CONNECTORS

1. UPLIFT CONNECTORS SUCH AS HURRICANE CLIPS, TRUSS ANCHORS AND ANCHOR BOLTS ARE ONLY REQUIRED ON MEMBERS IN WALLS THAT ARE EXPOSED TO UPLIFT FORCES. INTERIOR LOAD BEARING WALLS ARE NOT ALWAYS EXPOSED TO UPLIFT FORCES. THE MEMBERS OF THESE WALLS MAY NOT NEED TO HAVE CONNECTORS APPLIED. PLEASE CONSULT THE TRUSS ENGINEERING FOR THE LOCATION OF THESE WALLS.

FIELD REPAIR NOTES

1. MISSED "J" BOLTS FOR WOOD BEARING WALLS MAY BE SUBSTITUTED W/ 1/2" DIA. EPOXY ANCHORS WITH 6" EMBEDMENT. SIMPSON "SET" EPOXY ADHESIVE BINDER FOLLOWING ALL MANUFACTURERS RECOMMENDATIONS. SEE PLAN FOR EMBEDMENT DEPTH AT FLOOR STEPS.
2. FOR MISSED VERT. DOWELS DRILL A 3/4" DIAMETER HOLE 6" DEEP AT THE LOCATION OF THE OMITTED REBAR, AND INSTALL A 32" LONG #5 BAR INTO THE EPOXY FILLED HOLE. USE A TWO PART EMBEDMENT EPOXY (SIMPSON "SET", EPOXY), MIXED PER MANUFACTURER'S INSTRUCTIONS. ASSURE THAT ALL DUST AND DEBRIS FROM DRILLING ARE REMOVED FROM THE HOLE BY BRUSHING AND AND USING COMPRESSED AIR PRIOR TO APPLYING THE EPOXY. ALLOW THE EPOXY TO CURE TO MANUFACTURER'S SPECIFICATIONS, THEN FILL THE CELL IN THE NORMAL WAY DURING POUR.
3. FOR MORTER JOINTS LESS THAN 1/4", PROVIDE (1) #5 VERT. IN CONC. FILLED CELL EACH SIDE OF THE JOINT (BAR DOES NOT HAVE TO BE CONT. TO FOOTING)
4. MISSED LINTEL STRAPS FOR MASONRY CONSTRUCTION MAY BE SUBSTITUTED WITH (1) SIMPSON MTSM16 TWIST STRAP W/ (4) ¼" X 2 ¾" TITENS TO MASONRY AND (7)-10d NAILS TO TRUSS FOR UPLIFTS LESS THAN 860 LBS (USE (2) MTSM16 FOR UPLIFTS LESS THAN 1720#). NO MORE THAN 10 STRAPS MAY BE SUBSTITUTED OR NO MORE THAN 3 IN A ROW. IF GIRDER TRUSS CONNECTIONS ARE MISSED CONTACT ENGINEER OF RECORD FOR SUBSTITUTION.

STRUCTURAL DESIGN CRITERIA

CODES: FLORIDA RESIDENTIAL BUILDING CODE, 2004 EDITION
2004 FLORIDA RESIDENTIAL BUILDING CODE,
PLUMBING, MECHANICAL, FUEL GAS, ENERGY
EFFICIENCY, ACCESSIBILITY, NFPA 70A-02
AND NATIONAL ELECTRICAL CODES
BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE (ACI 318-02)
SPECIFICATIONS FOR STRUCTURAL CONCRETE BUILDINGS (ACI 301-02)
BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-02)
NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION, 2001 EDITION
WOOD FRAMED CONSTRUCTION MANUAL, 2001 EDITION
APA PLYWOOD DESIGN SPECIFICATION

LIVE LOADS:

ROOF	20 PSF (REDUCIBLE)
RESIDENTIAL FLOOR, UNLESS OTHERWISE INDICATED	40 PSF
BALCONIES (LESS THAN 100 SQ FT.)	60 PSF
STAIRS	40 PSF
LIGHT PARTITIONS (DEAD LOAD), U.N.O.	20 PSF
ATTIC W/O STORAGE	10 PSF

CONCRETE STRENGTH @ 28 DAYS

ALL CONCRETE UNLESS OTHERWISE INDICATED	2500 PSI
PEA GRAVEL CONCRETE FOR MASONRY CELLS ONLY	3000 PSI
(DO NOT USE FOR CONCRETE COLUMNS OR TIE BEAMS)	

REINFORCING:

WELDED WIRE FABRIC SHALL CONFORM TO	ASTM A185
ALL REINFORCING BARS	ASTM A615-40 40,000 PSI
ALL STIRRUPS AND TIES	ASTM A615-40 40,000 PSI
POLYPROPYLENE FIBERS FOR SLABS ON GRADE	MINIMUM 1.5 LBS. OF FIBERS PER CUBIC YARD

CONCRETE MASONRY UNITS:
ASTM C90-01, STANDARD WEIGHT UNITS, fm=1500 PSI
MORTAR TYPE "S" 1800 PSI
CONCRETE GROUT 3000 PSI
CONTINUOUS MASONRY INSPECTION IS REQUIRED DURING CONSTRUCTION

STRUCTURAL STEEL:
ALL STRUCTURAL AND MISCELLANEOUS STEEL A36 36,000 PSI, U.N.O
SHOP AND FIELD WELDS: E70XX ELECTRODES
ALL BOLTS CAST IN CONCRETE: ASTM A36 OR ASTM A-307

WOOD FRAMING:
BEAMS, RAFTERS, JOIST, PLATES, ETC. U.N.O.
NO. 2 SOUTHERN YELLOW PINE (19% M.C.)
ROOF DECK: PLYWOOD C-C/C-D, EXTERIOR, or OSB
FLOOR SHEATHING: T&G A-C GROUP 1 APA RATED (48/24)
WALL SHEATHING: PLYWOOD C-C/C-D, EXTERIOR OR OSB
VERSA LAM BEAM Fb = 2900 PSI (2.0E)
WOOD COLS. PARALLAM 2.0E U.N.O.

WOOD ROOF TRUSSES:

DESIGN LOADS:	SHINGLE ROOF:
TOP CHORD LIVE LOAD:	20 PSF
TOP CHORD DEAD LOAD:	10 PSF
BOTTOM CHORD DEAD LOAD:	10 PSF
	40 PSF
BOTTOM CHORD ATTIC LIVE LOAD:	10 PSF

SEE DRAWINGS FOR SPECIAL CONCENTRATED LOADS. DESIGN FOR NEW WIND UPLIFT AS PER SPECIFIED CODES, DEDUCTING A MAXIMUM OF 5 P.S.F. DEAD LOAD, BUT NOT EXCEEDING ACTUAL DEAD LOAD.

SOIL BEARING VALUE:
ASSUMED ALLOWABLE SOIL BEARING PRESSURE AFTER COMPACTION: 2000 PSF
SEE SOILS REPORT AND SPECIFICATIONS FOR COMPACTION REQUIREMENTS
IF SOIL CONDITIONS IN THE PROJECT DO NOT MEET OR EXCEED THE CAPACITY THE GENERAL CONTRACTOR SHALL CONTACT THE ENGINEER PRIOR TO FOUNDATION POUR FOR VERIFICATION OF FOUNDATION DESIGN. SOIL TO BE COMPACTED TO AT LEAST 95% OF MAX. DRY DENSITY AS DETERMINED BY ASTM - 1557 (MODIFIED PROCTOR)

BUILDING DATA

MEAN ROOF 15 FT. HIGH TYPICAL FOR SINGLE STORY HOMES	WIND LOADS BASED ON FBC, SECTION 1609 WIND SPEED 110 MPH (3 SEC. GUST) WIND IMPORTANCE FACTOR – (Iw) = 1.0 WIND EXPOSURE – "B" (FBC 1609.4) INTERNAL PRESSURE COEFFICIENT = +/- 0.18 (ENCLOSED BLDG)
THIS DRAWING AND DESIGN IS VALID FOR 12 MONTHS AFTER THE DATE IT IS SIGNED AND SEALED OR WHILE CURRENT CODE IS VALID	**DESIGN WIND PRESSURE:** (COMPONENT AND CLADDING) WORST CASE IS END ZONE WITH AN EFFECTIVE WIND AREA OF 10 S.F. END ZONE PRESSURE IS APPLICABLE TO AN OPENING WITHIN 4'-0" OF AN EXTERIOR BUILDING CORNER **FOR WINDOWS & DOORS SEE FLOOR PLAN FOR ACTUAL PRESSURES** GARAGE DOORS SINGLE 9x7 +19.1 PSF / -21.6 PSF DOUBLE 16x7 +18.3 PSF / -20.4 PSF

INDEX OF DRAWINGS

SHT NO:	TITLE
1	COVER SHEET
2	FLOOR PLAN
	FOUNDATION PLAN
	ELEVATIONS
S-2	ELECTRICAL PLAN
	DETAILS
S-3	DETAILS
S-4	DETAILS

NOTICE TO BUILDER

IT IS THE INTENT OF THIS DESIGNER THAT THESE PLANS ARE ACCURATE AND ARE CLEAR ENOUGH FOR THE LICENSED PROFESSIONAL TO CONSTRUCT THIS PROJECT. IN THE EVENT THAT SOMETHING IS UNCLEAR OR NEEDS CLARIFICATION..STOP..AND CALL THE DESIGNER LISTED IN THIS TITLE PAGE. IT IS THE RESPONSIBILITY OF THE LICENSED PROFESSIONAL THAT IS CONSTRUCTING THIS PROJECT TO FULLY REVIEW THESE DOCUMENTS BEFORE CONSTRUCTION BEGINS AND ANY AND ALL CORRECTIONS, IF NEEDED, TO BE MADE BEFORE ANY WORK IS DONE.

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tchdesigns@gmail.com
Certificate of Authorization #27295
ADD PLAN ENTRY
PLAN REVISIONS
CUSTOM DESIGNS

RANDOLPH WIGGINS, P.E.
3260 Patton Ave
Bell, FL 32619

STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE 2004 FLORIDA RESIDENTIAL BUILDING CODE
SIGNATURE/SEAL ON ANY SHEET IS VALID ONLY FOR THE STRUCTURAL DESIGN

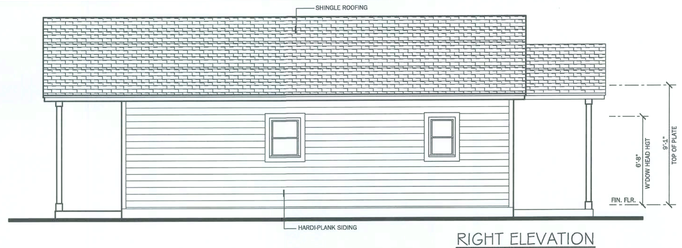
DATE: March 06, 2008

PROJECT:
Debra and Braulio Peruyero
13534 S W Tustenuggee Ave.
Fort White, Fl 32038

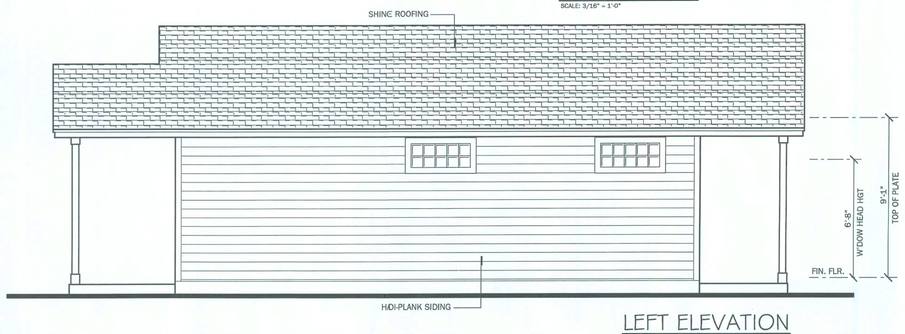
SHEET NO.
1
OF
5

COVER SHEET

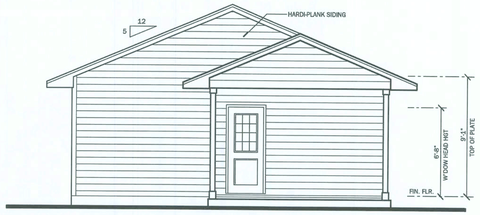
LAST PLOT DATE: March 06, 2008 11:41 AM
IF THIS IS PRINTED ON 11 X17 MEDIA THEN REDUCE SCALE BY 50 %



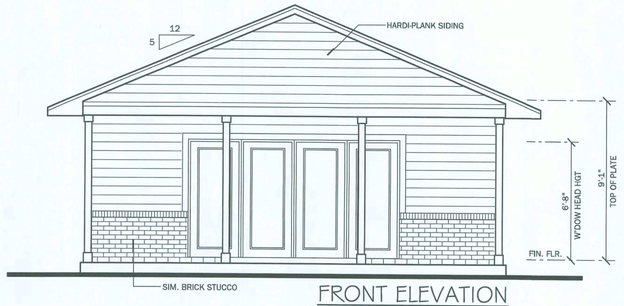
RIGHT ELEVATION
SCALE: 3/16" = 1'-0"



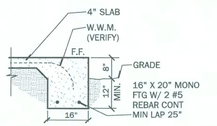
LEFT ELEVATION
SCALE: 1/4" = 1'-0"



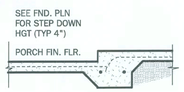
REAR ELEVATION
SCALE: 3/16" = 1'-0"



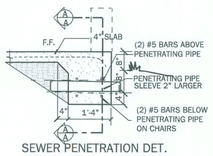
FRONT ELEVATION
SCALE: 1/4" = 1'-0"



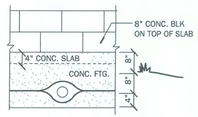
1 SINGLE STORY FTG
BEARING SCALE: 1/2" = 1'0"



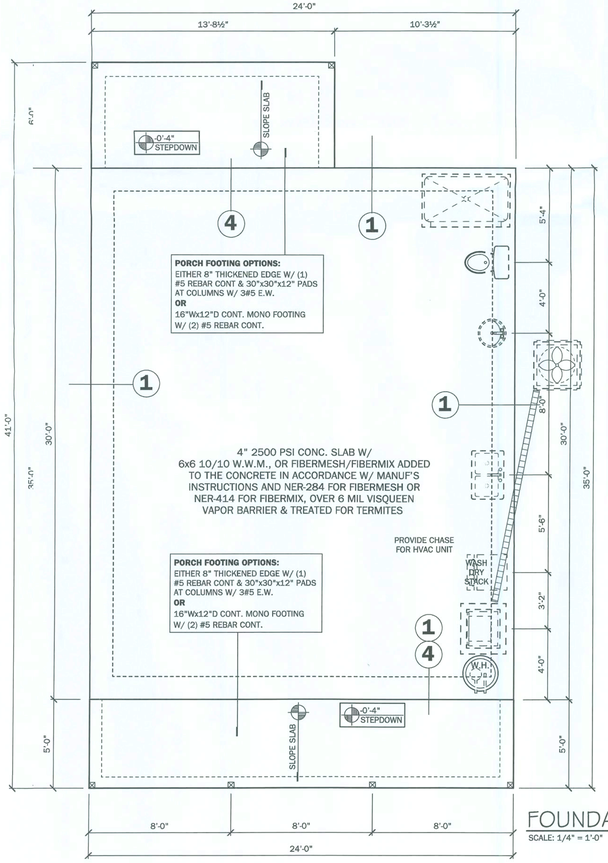
4 PORCH STEP DOWN
SCALE: 1/2" = 1'0"



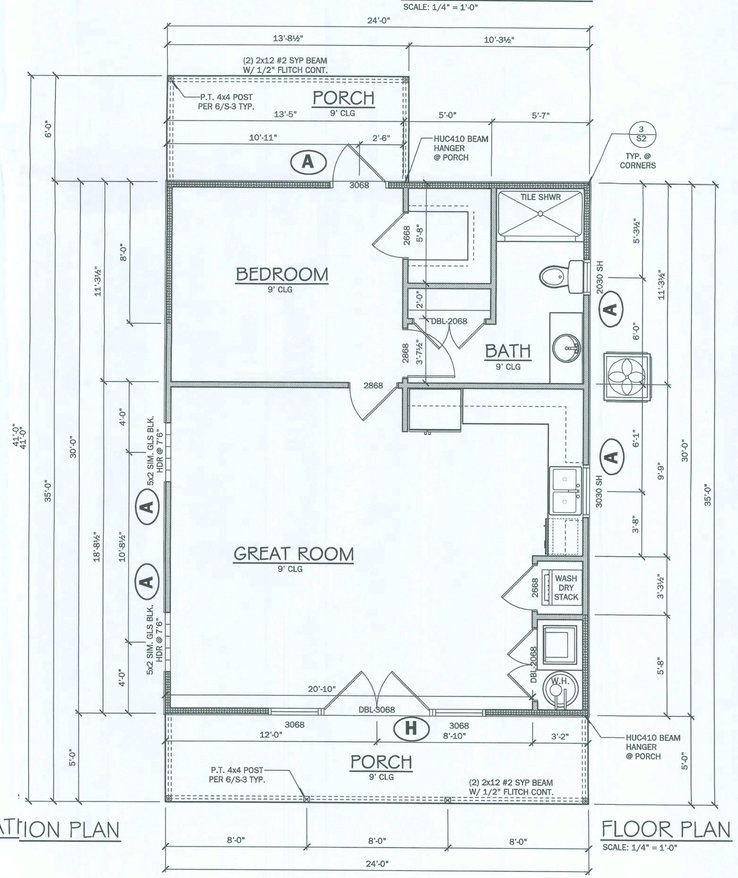
SEWER PENETRATION DET.
BEARING SCALE: 1/2" = 1'0"



SECTION A-A



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



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

110 MPH OPENING PRESSURES

INTERIOR ZONE	END ZONE
A +21.8 / -23.6	B +21.8 / -29.1
C +20.8 / -22.6	D +20.8 / -27.2
E +19.5 / -21.3	F +19.5 / -24.6
G SEE COVER	H SEE COVER

WALL LEGEND

- FRAMED WALL
- FRAMED SHEAR WALL
- BEARING WALL
- 2x4 FRAMED WALL W/ SIDING

NOTE:
1. ALL WINDOWS WITHIN 2'-0" OF DOORS AND IN SHOWER OR TUB AREAS WILL BE SAFETY TEMPERED GLASS.
2. ALL DOORS LEADING FROM UNCONDITIONED SPACE TO CONDITIONED SPACE SHALL BE SOLID CORE.
3. CEILING FOR EXTERIOR ENTRIES AND COVERED PORCHES TO HAVE 7/16" SPAN RATED OSB NAILED PER ZONE ON ROOF DIAPHRAGM NAILING SCHEDULE ON SHEET S-4.
4. DOOR FROM GARAGE INTO HOUSE MUST BE SPECIFIED AS EITHER A MINIMUM 1 3/8" SOLID WOOD DOOR, SOLID OR HONEYCOMB STEEL DOOR, OR 20 MINUTE FIRE RATED DOOR.

WINDSTORM OSB WALL SHEATHING NAILING PATTERN:

NON-SHEARWALL:	
TOP PLATE:	8d@6" O.C.
LONG EDGE:	8d@6" O.C.
FIELD:	8d@12" O.C.
BOTTOM PLATE:	8d@6" O.C.
SHEARWALL:	
TOP PLATE:	8d@3" O.C.
LONG EDGE:	8d@6" O.C.
FIELD:	8d@12" O.C.
BOTTOM PLATE:	8d@3" O.C.

AREA CALCULATIONS

TOTAL LIVING	720 S.F.
FRONT PORCH	120 S.F.
REAR PORCH	82 S.F.
TOTAL AREA UNDER ROOF	922 S.F.

LAST PLOT DATE: March 06, 2008
11:14 AM
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• PLAN REVISIONS
• CUSTOM DESIGNS

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STRUCTURAL DESIGN IS IN ACCORDANCE WITH THE 2004 FLORIDA RESIDENTIAL CODE
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RANDOLPH WIGGINS, P.E. # 15721
STATE OF FLORIDA
DATE: March 06, 2008

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PROJECT:
Debra and Braulio Peruyero
13534 S W Tustenuggee Ave.
Fort White, Fl 32038

SHEET NO.
2
OF
5

NOTES:

UNLESS OTHERWISE NOTED

1. ELECTRICAL OUTLET HEIGHTS AS MEASURED FROM FINISHED FLOOR TO CENTERED LINE OF THE BOX TO BE: 12" AFF (GENERAL)

KITCHEN	44" AFF
BATHROOM	39" AFF
LAUNDRY ROOM	36" AFF
EXTERIOR WATERPROOF	12" AFF
GARAGE GENERAL PURPOSE	42" AFF
RANGE	2" AFF

2. ALL TRIM PLATES & DEVICES TO BE GANGED, WHERE POSSIBLE.

3. ELECTRICAL SWITCHES TO BE AT 42" CENTERLINE ABOVE FINISHED FLOOR.

4. ELECTRICAL PLAN IS INTENDED FOR BID PURPOSES ONLY. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE NATIONAL ELECTRIC CODE, LATEST EDITION, BY A LICENSED ELECTRICAL CONTRACTOR WHO SHALL BE RESPONSIBLE FOR THE INSTALLATION & SIZING OF ALL ELECTRICAL, WIRING & ACCESSORIES.

5. SMOKE DETECTORS SHALL BE IN ACCORDANCE WITH FLORIDA BUILDING CODE, SECTION 907.

6. PROVIDE AFCIs (ARC FAULT INTERRUPTERS) IN ALL DWELLING UNIT BEDROOMS PER NFPA 70A-2

7. KEEP ALL SMOKE DETECTORS MINIMUM OF 36" FROM BATHROOM DOORS

8. IN NEW CONSTRUCTION, SMOKE DETECTORS SHALL BE HARDWIRED INTO AN A/C ELECTRICAL POWER SOURCE AND SHALL BE EQUIPPED WITH A MONITORED BATTERY BACKUP.

9. BATHROOM EXHAUST FANS MUST VENT TO THE EXTERIOR OF THE BUILDING, ATTIC SPACE AND SOFFITS ARE NOT ACCEPTABLE.

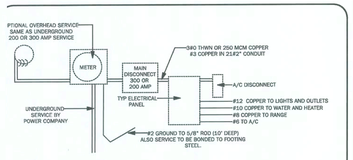
10. ALL DOORS AND WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL SHALL BE EQUIPPED WITH AN EXIT ALARM COMPLYING WITH UL 2017 THAT HAS A MINIMUM SOUND PRESSURE RATING OF 85 dBA AT 10 FEET, AND EITHER HARDWIRED OR OF THE PLUG-IN TYPE. THE EXIT ALARM SHALL PRODUCE A CONTINUOUS AUDIBLE WARNING WHEN THE DOOR OR WINDOW ARE OPENED.

11. STOVE AND DRYER TO HAVE NEUTRAL

12. PROVIDE CARBON MONOXIDE DETECTOR FOR GAS FIREPLACE

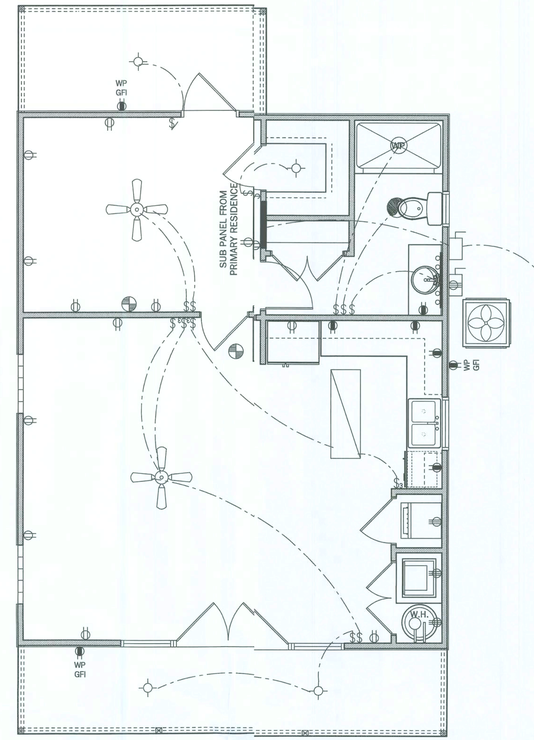
ELECTRICAL LEGEND

$	SINGLE POLE SWITCH		SMOKE DETECTOR
$2	DOUBLE POLE SWITCH		FLOOD LIGHT
$3	THREE-WAY SWITCH		FLUORESCENT LIGHTING
$4	FOUR-WAY SWITCH		TRACK LIGHTING
$DM	DIMMER SWITCH		CEILING FAN
	CEILING FIXTURE	CHIMES	DOOR BELL CHIMES
	SCOUNCE (WALL MOUNTED) FIXTURE		DOOR BELL
	110 VOLT DUPLEX OUTLET	DISP	DISPOSAL
	110 VOLT SPLIT SWITCHED OUTLET		DISCONNECT SWITCH
	GROUND FAULT INTERRUPT	SP	PREWIRE SPEAKER
WP	WATER PROOF W/ GROUND FAULT	J	JUNCTION BOX
	220 VOLT OUTLET	T	THERMOSTAT
	SPECIAL SERVICES OUTLET		LOW VOLTAGE LIGHTING
TV	T.V. CABLE OUTLET	I C	INTERCOM SYSTEM
	TELEPHONE CABLE OUTLET	DBL	GARAGE DOOR PUSH BUTTON
	RECESSED LIGHTING		
WP	WATER PROOF RECESSED LIGHTING		
	BATH FAN		
	BATH FAN W/ LIGHT		



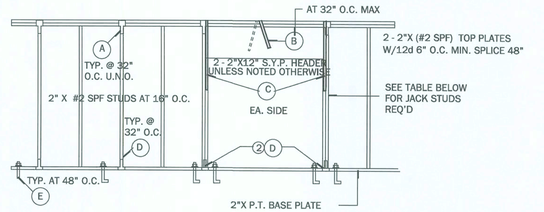
ELECTRICAL RISER

NOTE:
ELECTRICAL MATERIAL AND INSTALLATIONS SHALL COMPLY WITH APPLICABLE PROVISIONS OF THE NFPA 70 2005 ED LOCAL CODES AND THE LOCAL POWER CO.



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

NOTES:
1. **VERIFY LOCATION AND QUANTITY OF PHONE, TV AND DATA OUTLETS WITH BUILDER**
2. **VERIFY LOCATION AND QUANTITY OF FLOOD LIGHTS AND SWITCHES WITH BUILDER**
3. **THIS BUILDING MUST BE FED FROM PRIMARY RESIDENCE**



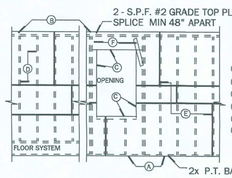
1/S-2 TYPICAL BEARING WALL (ALT TO TIEMAX)

UPLIFT CAPACITY PER 24" = 570# (WITH ROOF LOAD APPLIED) N.T.S.

CONNECTOR LEGEND	
A	SIMPSON SPH4 W/ 12-10d x 1/2 SIMPSON SPH6 W/ 12-10d x 1/2
B	SIMPSON MTSA24 W/ (18) 10d NAILS
C	SIMPSON MTSA24 W/ (18) 10d NAILS
D	SIMPSON SPH4 W/ 12-10d X 1 1/2" SIMPSON SPH6 W/ 12-10d X 1 1/2"
E	1/2"X10" J-BOLT W/ 2" WASHER @ 48" O.C. PLUS (2) WITHIN 6" EACH SIDE OF JACK STUDS @ HEADER

WINDOW & DOOR JACK TABLE
PROVIDE JACKS @ EACH END AS FOLLOWS
(2) WHEN OPN'GS ARE GREATER THEN 4'-0"
(3) WHEN OPN'GS ARE GREATER THEN 6'-0"
(4) WHEN OPN'GS ARE GREATER THEN 8'-0" BUT LESS THAN 10'-0"

NOTE:
FOR EXTERIOR SEE 2/S2 FOR SHEATHING TYPE AND NAILING SCHEDULE

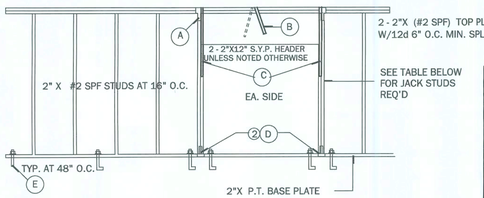


NOTE: INSTALL 2x4 BLOCKING @ EACH PLYWOOD JOINT

- (A) NAIL AT BASE 3" O.C. W/8d COMM.
- (B) NAIL AT TOP PLATE 3" O.C. W/8d COMM.
- (C) NAIL OPENING PERIMETER @ 3" O.C. W/8d COMM.
- (D) NAIL INT. AT 6" O.C. W/8d COMM.
- (E) STAGGER ALL VERT. JOINTS & NAIL @ 4" O.C. W/8d COMM.
- (F) NO PLYWOOD SPLICE @ HEADER - NAIL PLYWOOD TO HEADER W/8d @ 4" O.C. . OPENINGS OVER 6'-0" USE SIMPSON OR (USP) LSTA 30 W/22 - 10d @ EA. END OF HEADER TO JACK & STUD

2/S-2 TYPICAL WALL SHEATHING INSTALLATION & NAILING SCHEDULE

N.T.S.



1/S-2 TYPICAL BEARING WALL

WINDSTORM OSB (WITH ROOF LOAD APPLIED) N.T.S.

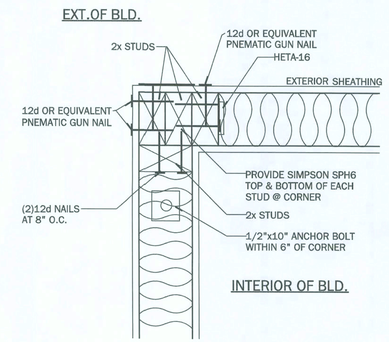
CONNECTOR LEGEND	
A	SIMPSON SPH4 W/ 12-10d x 1/2 SIMPSON SPH6 W/ 12-10d X 1 1/2"
B	SIMPSON MTSA24 W/ (18) 10d NAILS
C	SIMPSON MTSA24 W/ (18) 10d NAILS
D	SIMPSON SPH4 W/ 12-10d X 1 1/2" SIMPSON SPH6 W/ 12-10d X 1 1/2"
E	1/2"X10" J-BOLT W/ 2" WASHER @ 48" O.C. PLUS (2) WITHIN 6" EACH SIDE OF JACK STUDS @ HEADER

WINDOW & DOOR JACK TABLE	
PROVIDE JACKS @ EACH END AS FOLLOWS	
(2) WHEN OPN'GS ARE GREATER THEN 4'	1'-0"
(3) WHEN OPN'GS ARE GREATER THEN 6'	3'-0"
(4) WHEN OPN'GS ARE GREATER THEN 8' BUT LESS THAN 10'-0"	3'-0"

NOTE:
FOR EXTERIOR SEE 2/S2 FOR SHEATHING TYPE AND NAILING SCHEDULE

WINDSTORM OSB WALL SHEATHING NAILING PATTERN:	
NON-SHEARWALL:	
TOP PLATE:	8d@6" O.C.
LONG EDGE:	8d@6" O.C.
FIELD:	8d@12" O.C.
BOTTOM PLATE:	8d@6" O.C.
SHEARWALL:	
TOP PLATE:	8d@3" O.C.
LONG EDGE:	8d@6" O.C.
FIELD:	8d@12" O.C.
BOTTOM PLATE:	8d@3" O.C.

WINDSTORM OSB WALL SHEATHING DETAIL



3/S-2 EXTERIOR FRAME CORNER

SCALE: 1" = 1'-0"

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TYPICAL FRAMING DETAILS

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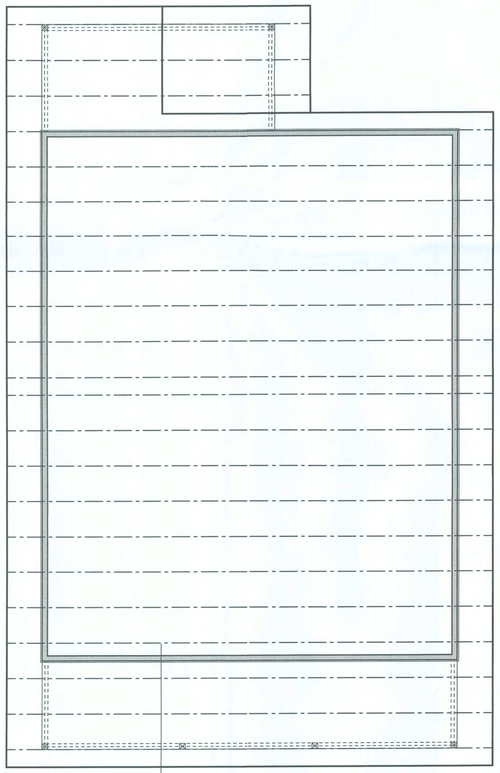
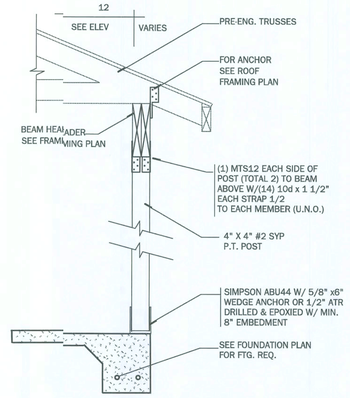


1/S4 ROOF PLAN

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



6/S-3 4"' X 4" POST & BEAM DETAIL

SCALE: 1/2" = 1'0"

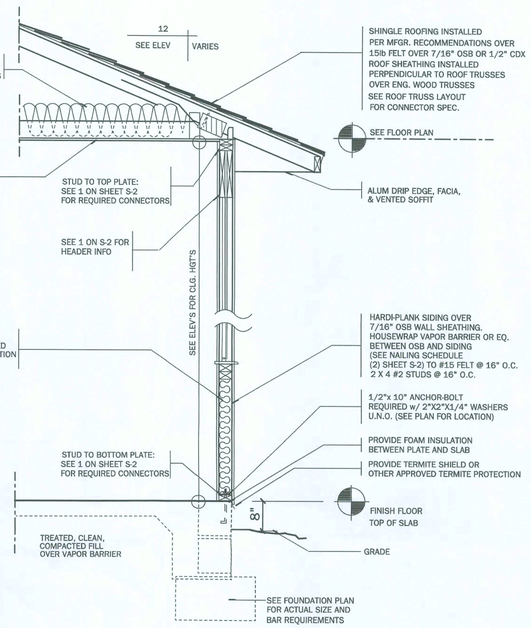
MARK	HOLD DOWN ANALYSIS	UPLIFT
	UNLESS NOTED OTHERWISE: 1.) ALL HARDWARE TO BE SIMPSON 2.) WOOD CONNECTIONS = H2.5 W/ 10-8d NAILS H1 W/ 10-8d NAILS H10 W/ 16-8d NAILS OR MTS12 W/ 14-10dX1 1/2" NAILS	 365# 400# 850#
A	2 - MTS12 W/ 14 10dX1 1/2" NAILS ;	1720 #U
B	2 - HTS20 W/ 20 - 10d	2900 #U
C	HCP2 W/ 12-10d X 1 1/2" NAILS	520 #U
D	LGT2 W/30-16d SINKERS	1785 #U

NOTE:

UPLIFT VALUES FROM SIGNED AND SEALED TRUSS ENGINEERING SUBMITTAL SHALL BE USED TO SELECT HURRICANE TIES FOR THE TRUSS TO WALL CONNECTION FROM THE ABOVE TABLE

NOTE:

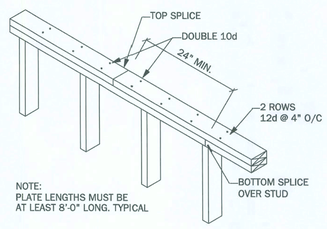
ALL TRUSS TO FRAME CONNECTORS TO BE SIMPSON H10 TYP. U.N.O.



1/S-3 TYPICAL WALL SECTION

SINGLE STORY FRAME

SCALE: N.T.S.



16/S-3 TOP PLATE SPLICE DETAIL

N.T.S.

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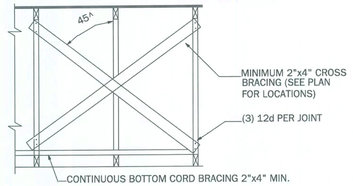
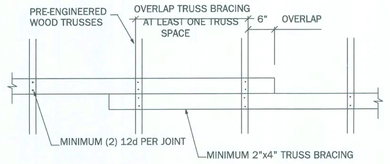


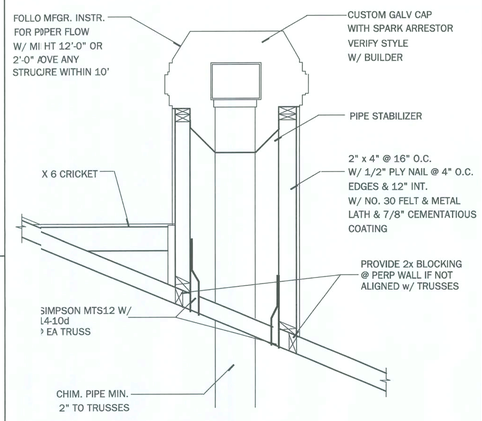
5 S-4 CROSS BRACING DETAIL (TYP.)

N.T.S.



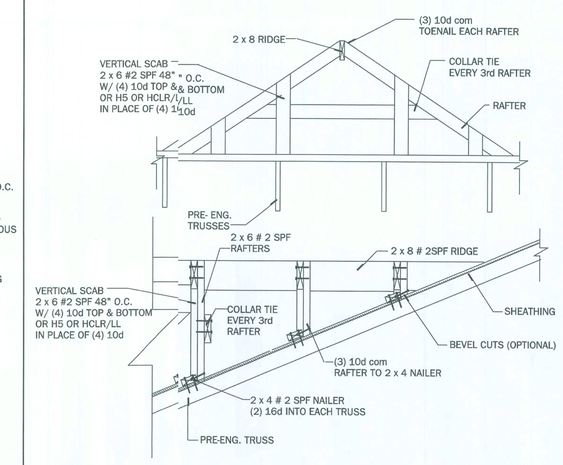
6 S-4 TRUSS BRACING OVERLAP DETAIL(TYP.)

N.T.S.



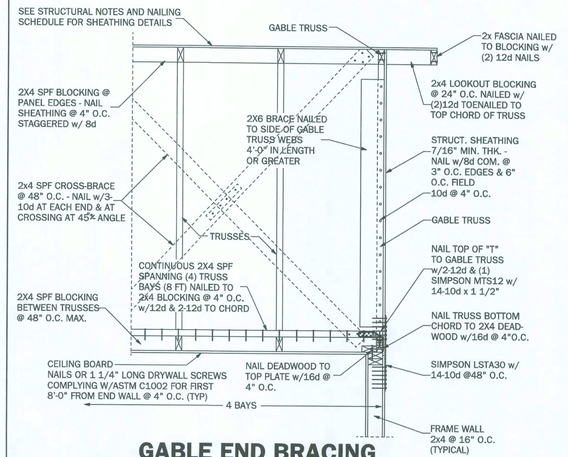
3 S-4 TYPICAL FIREPLACE

N.T.S.



2 S-4 CONVENTIONAL VALLEY ASSEMBLY

N.T.S.



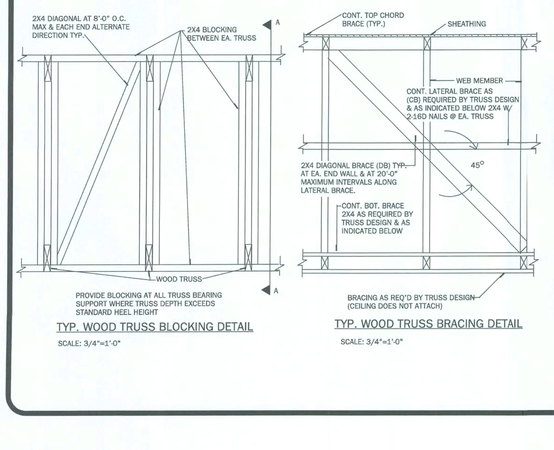
1 S-4 GABLE END BRACING w/o VOLUME CEILING

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

A-A ALTERNATE BLOCKING DETAIL AT INTERIOR BEARING

TRUSS NOTES:

1. WOOD TRUSS ERECTOR SHALL PROVIDE BRACING ACCORDING TO "BRACING WOOD TRUSS: COMMENTARY & RECOMMENDATION" BWT-76 BWT-76 (TRUSS PLATE INSTITUTE) NOTE THAT THE COMBINED WIND AREA IS GREATER BEFORE THE ROOF SHEATHING IS APPLIED, AND BRACING SHALL THEREFORE BE INSTALLED AS THE TRUSSES ARE ERECTED. INADEQUATE BRACING IS THE MOST COMMON CAUSE OF ACCIDENT IN WOOD TRUSS CONSTRUCTION. FULL BUNDLES OF PLYWOOD SHALL NOT BE PLACED ON TRUSSES. THIS CONSTRUCTION LOAD SHOULD BE LIMITED TO 8 SHEETS OF PLYWOOD ON ANY PAIR OF TRUSSES & SHALL BE LOCATED ADJACENT TO THE SUPPORTS. NO EXCESS CONCENTRATION OF ANY CONSTRUCTION MATERIAL (SUCH AS GRAVEL OR SHINGLES) SHALL BE PLACED ON THE TRUSSES IN ANY ONE AREA THEY SHALL BE SPREAD OUT EVENLY OVER A LARGE AREA SO AS TO AVOID OVERLOADING ANY ONE TRUSS.
2. ALL BRACING (DB,CB,BB) SHOWN ABOVE SHALL BE IN ADDITION TO CONTINUOUS LATERAL BRACING SPECIFIED BY THE TRUSS MANUFACTER ALL LATAL BRACING SPECIFIED BY TRUSS MANUF. SHALL HAVE ADDITIONAL DIAGONAL BRACES AT 20'-0" O.C. MAXIMUM.
3. ALL BRACES SHALL BE 2X4 NOMINAL DIMENSION LUMBER & SHALL BE ATTACHED W/ 2-16D NAILS AT EACH TRUSS INTERSECTION.
4. MINIMUM BRACING SHALL BE 2X4 CONTINUOUS AT TOP & BOTTOM CHORDS 6'-0" O.C. MAX ADD DIAGONAL BRACING AS SHOWN ABOVE.
5. ADDITIONAL BOTTOM CHORD BRACING SHALL BE INSTALLED AS REQUIRED BY TRUSS DESIGN WHEREVER ADEQUATE STRUCTURAL CEILING ARE NOT ATTACHED DIRECTLY TO THE BOTTOM CHORD OF THE TRUSS.
6. PROVIDE TRUSS BLOCKING AT ALL TRUSS BEARING SUPPORTS WHERE TRUSS DEPTH EXCEEDS STANDARD HEEL HEIGHT. SEE TYP. TRUSS BLOCKINGETAILS

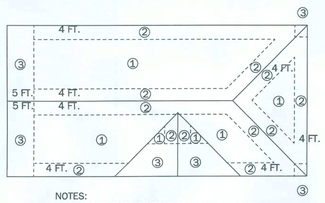


TYP. WOOD TRUSS BLOCKING DETAIL

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

TYP. WOOD TRUSS BRACING DETAIL

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



ROOF NAILING SCHEDULE:

NAILING ZONES

ZONE 1 : 8d RINGSHANK NAILS @ 6" O.C. (ON EDGES & FIELD)
ZONE 2 : 8d RINGSHANK NAILS @ 6" O.C.(ON EDGES AND FIELD)
ZONE 3: 8d RINGSHANK NAILS @ 6" O.C. IN FIELD
8d RINGSHANK NAILS @ 4" O.C. ON EDGE

ALLOWABLE FASTENERS

8d RINGSHANK NAILS

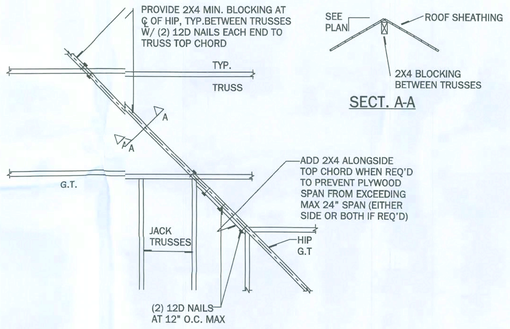
TYP. CLG. FOR ENTRY'S AND COVERED PORCHES EXTERIOR 7/16" OSB SPAN RATED FOR NAILING PATTERN SEE ZONE (1) ON ROOF DIAPHRAGM ABOVE

MAY HAVE ALUM OR VINYL SOFFIT MATERIAL OVER OSB

ROOF DIAPHRAGM NAILING SCHEDULE

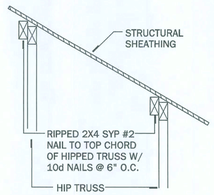
TYPICAL

NO SCALE



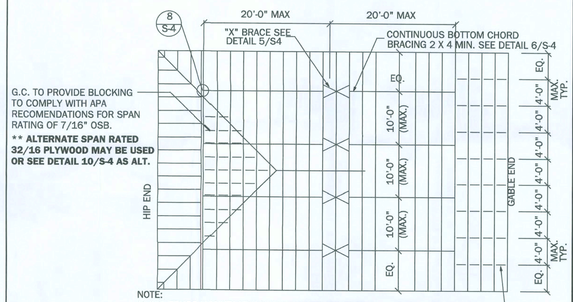
8 S-4 HIP BLOCKING DETAIL

3/4"=1'-0"



10 S-4 ALTERNATE TO BLOCKING

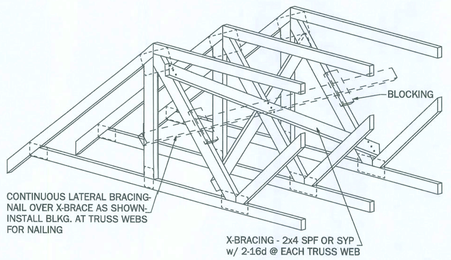
1/2"=1'-0"



7 S-4 REQUIRED MINIMUM PERMANENT TRUSS BRACING PLAN

AS PER HIB 91

N.T.S.



9 S-4 CROSS BRACING DETAIL (TYP.)

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ROOF DETAILS

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