

ALL DRAWINGS NOT TO BE SCALED. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS

Design Criteria		
FL Building Code	Residential	2014 F.B.C.
FL Electrical	Residential	2011 N.E.C.
FL Plumbing	Residential	2014 F.B.C.
FL Mechanical	Residential	2014 F.B.C.
Windload Design	Residential	2014 F.B.C.
Wind Load Design	Residential	2014 F.B.C.
Roof Live Load	30 PSF	
Floor Live Load	40 PSF	
Floor Live Load BRM	30 PSF	

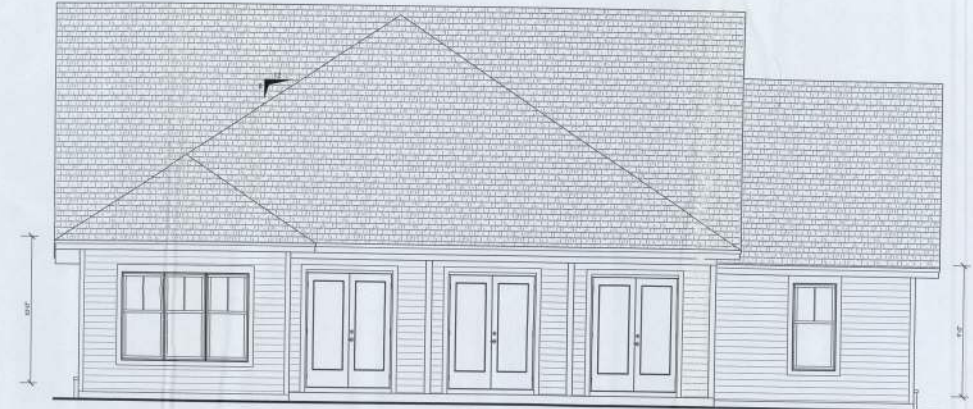
Product	FL Code#	Version
Windows	FL12355-R10	2010
Exterior Doors	FL15223	2010
Garage Door	FL14882-R8	2010
Roofs	FL12188-R3	2010
Timber Strongtie	NDA 111-020.03	2011
Hardie Siding	FL13190-R2	2010

WIND LOAD DESIGN DATA

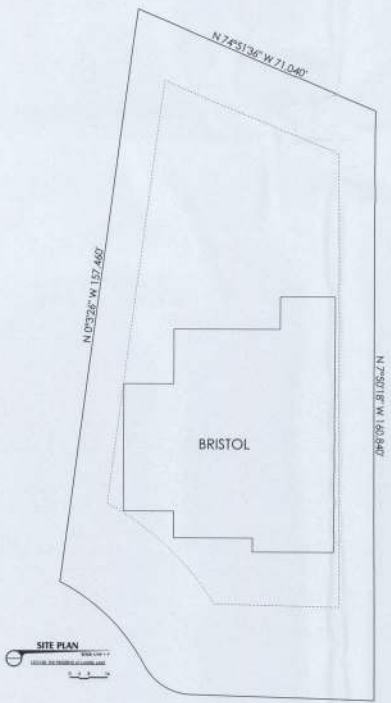
- 1.) BASIC WIND SPEED = 130 MPH
- 2.) WIND IMPORTANCE FACTOR = 1
- 3.) BUILDING CATEGORY = II
- 4.) WIND EXPOSURE = B



FRONT ELEVATION



REAR ELEVATION



SITE PLAN

July 16, 2015

DDS STUDIOS

DDS Studios LLC
ddsstudios.com
386-365-1892

A CUSTOM HOME BY ARKON SINQUE HOMES:
THE BRISTOL MODEL
THE PRESERVE AT LAUREL LAKES, LOT-100
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EXTERIOR ELEVATIONS
SITE PLAN

SHEET NUMBER
1 OF **5**

ALL WORK SHALL COMPLY WITH THE APPLICABLE BUILDING CODES AND ALL APPLICABLE STATE AND LOCAL ORDINANCES.
Contractor shall verify all dimensions on-site prior to construction.

PROJECT NUMBER
010708

These are Job !!

RECEIVED FOR FIELD COPY
DATE
COMPLIANCE



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386-365-1892

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EXTERIOR ELEVATIONS
WALL SECTION
ROOF PLAN

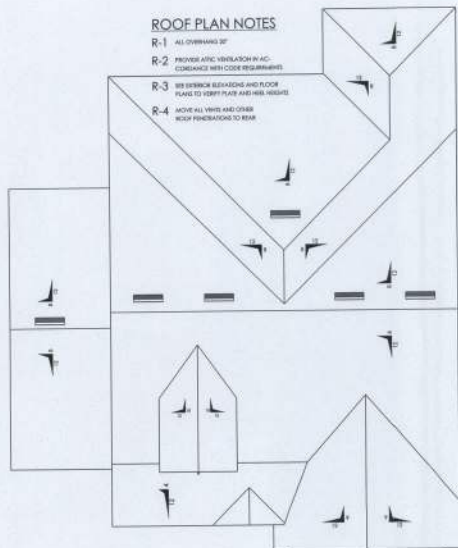
SHEET NUMBER
2 of 5

All work shall comply with the approved building code and all applicable state codes and ordinances.
Contractor shall verify all dimensions prior to commencing construction.

PROJECT NUMBER
010708

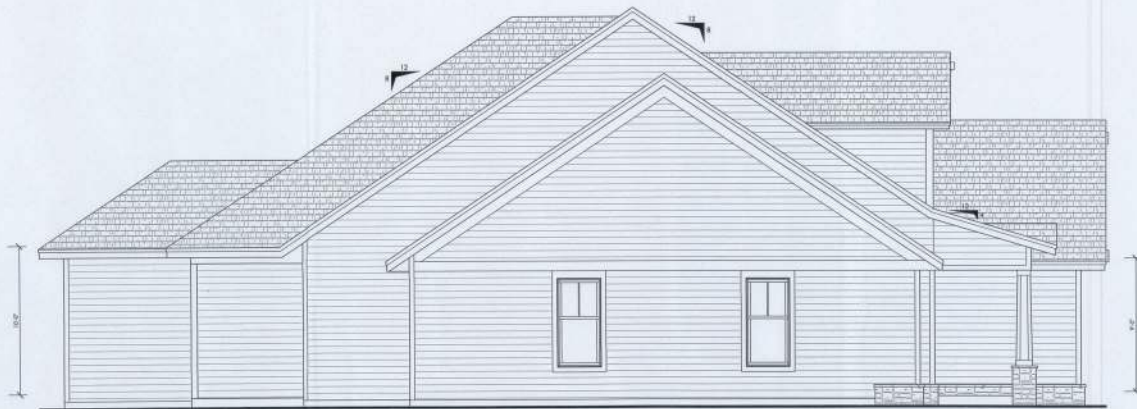
ROOF PLAN NOTES

- R-1 ALL OVERHANGS 36"
- R-2 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH CODE REQUIREMENTS
- R-3 USE SHIMMER SHINGLES AND FLOOR JOISTS TO DRYTUNE AND HILL ROOFS
- R-4 NOTCH ALL VENTS AND COVER ROOF PENETRATIONS TO BEAR



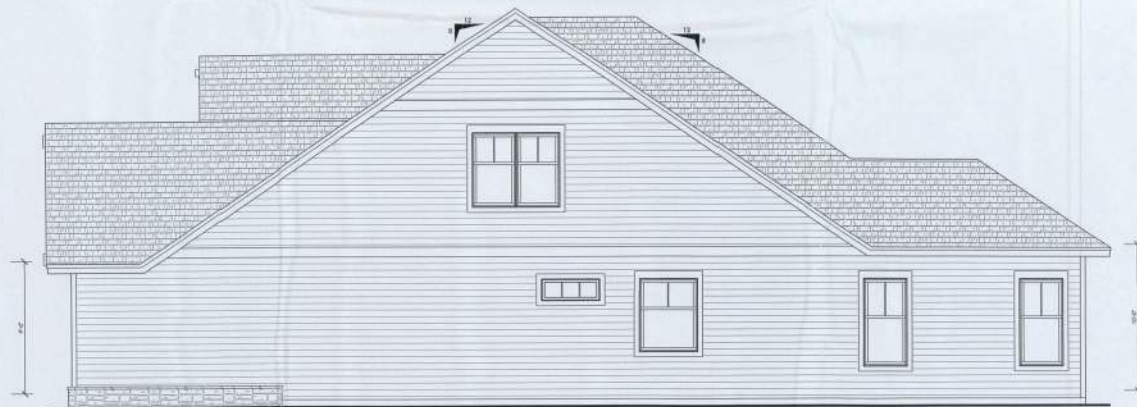
ROOF PLAN

SCALE: 1/4" = 1'



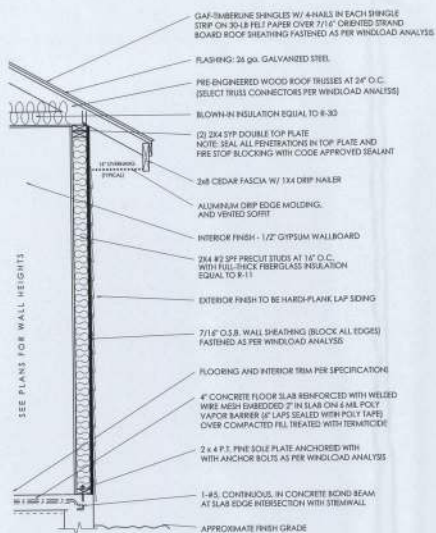
LEFT ELEVATION

SCALE: 1/4" = 1'



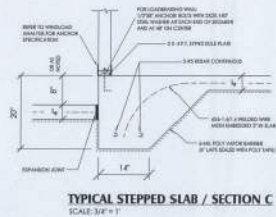
RIGHT ELEVATION

SCALE: 1/4" = 1'

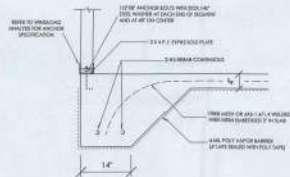


TYPICAL WALL SECTION

SCALE: 3/4" = 1'



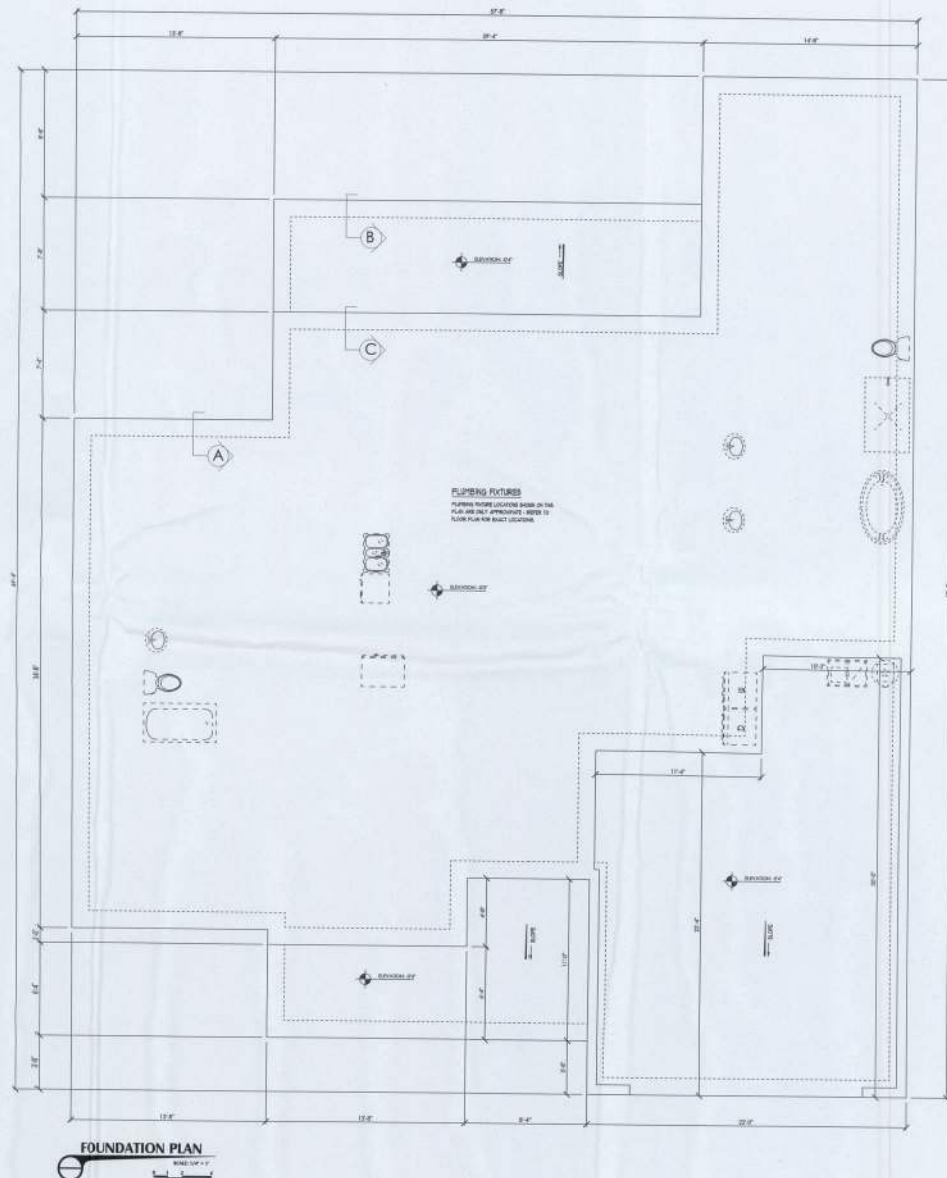
TYPICAL STEPPED SLAB / SECTION C
SCALE: 3/4\"/>



TYPICAL MONOLITHIC SLAB / SECTION A
SCALE: 3/4\"/>



TYPICAL PORCH SLAB / SECTION B
SCALE: 3/4\"/>



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FOUNDATION PLAN

SHEET NUMBER
2 of 5

All work shall comply with the standard building codes, and all construction shall conform to the applicable codes.

Contractor shall notify all appropriate agencies concerning construction.

PROJECT NUMBER
010708



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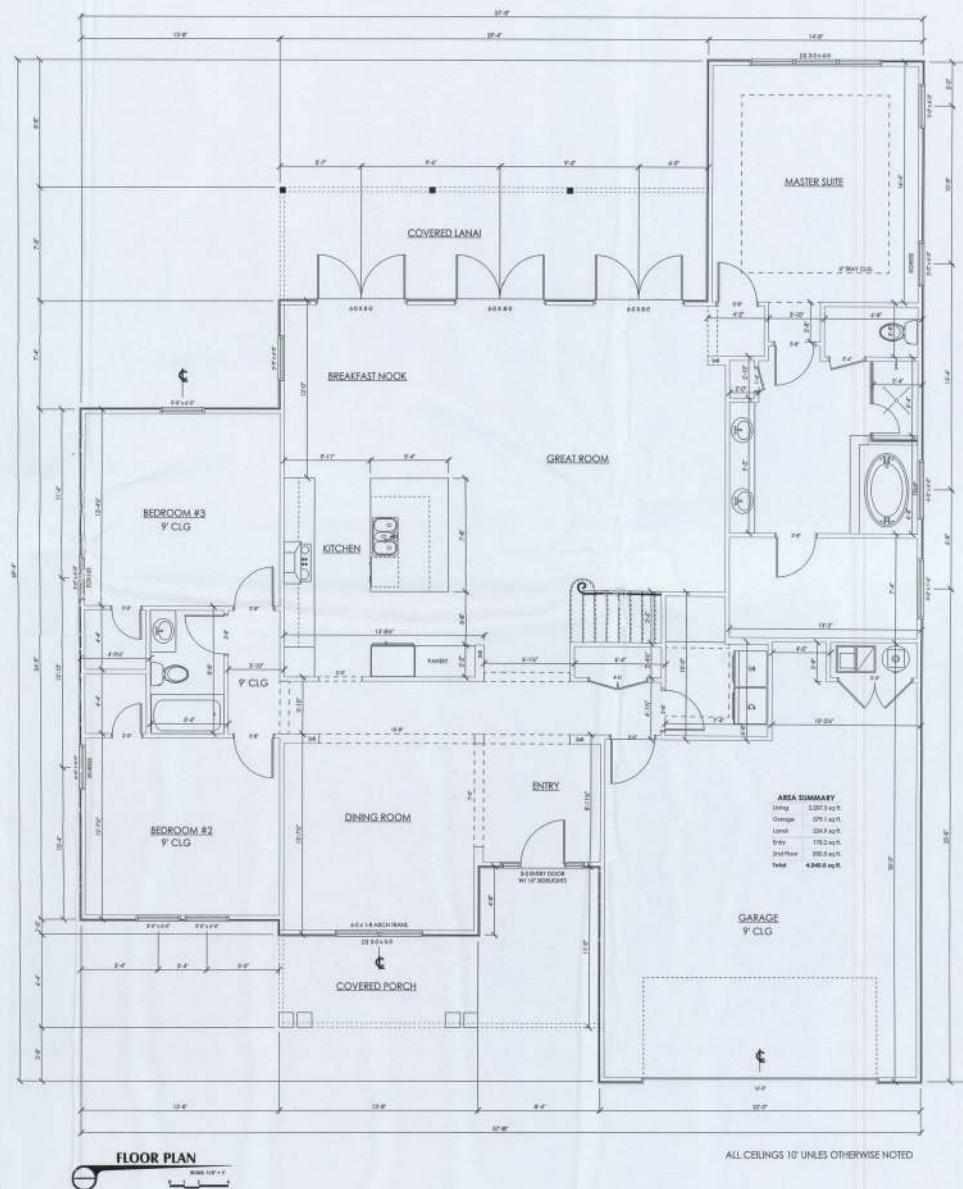
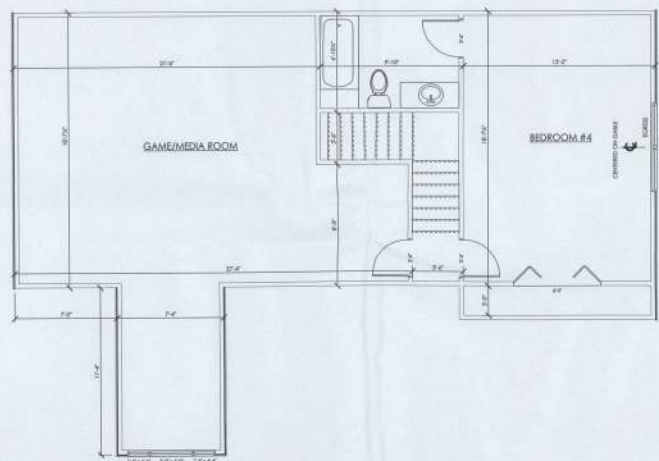
FLOOR PLAN

SHEET NUMBER
4 of 5

All work shall comply with
the approved building codes
and all applicable local,
state and federal laws.

Customer shall verify
all dimensions prior to
commencing construction.

PROJECT NUMBER
010708



FLOOR PLAN
Scale: 1/8" = 1'-0"

ALL CEILINGS 10' UNLESS OTHERWISE NOTED



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ELECTRICAL PLAN

SHEET NUMBER
5 of 5

All work shall comply with the national building code, with all applicable local codes and ordinances.

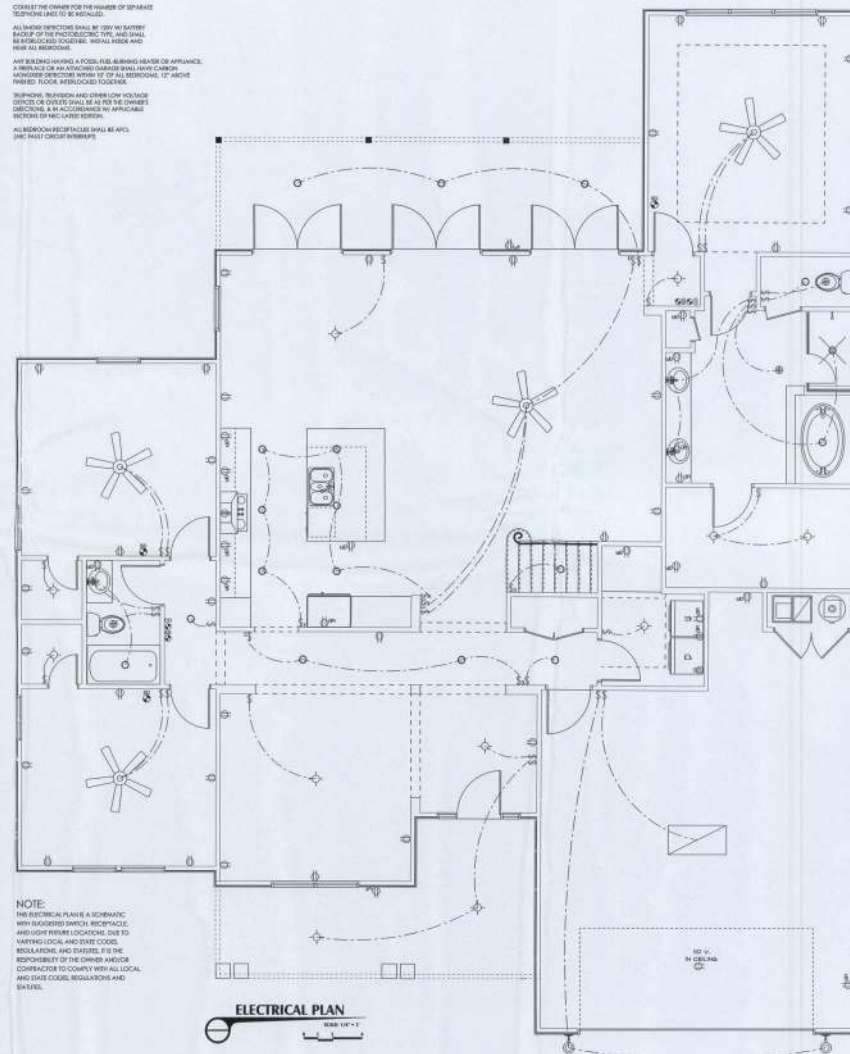
Contractor shall verify all dimensions prior to construction.

PROJECT NUMBER
010708

ELECTRICAL PLAN NOTES

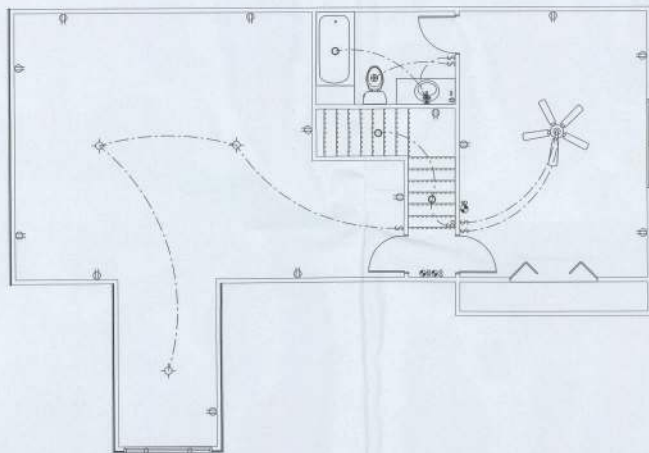
REGULATION SHALL BE PER 2011 N.E.C. CODE.
ELECTRICAL SERVICE PANEL SHALL BE OBSERVED TO
CONFORMANCE WITH PER N.E.C. CODE WITH
NOTE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT
PER MANUFACTURER'S SPECIFICATIONS.
CONSULT THE OWNER FOR THE NUMBER OF SEPARATE
RECEPTS AND TO BE INSTALLED.
ALL LIGHTS RECEPTS SHALL BE 120V AC BATTERY
BACKUP OF THE PHOTOELECTRIC TYPE AND SHALL
BE INSTALLED TOGETHER. INSTALL INSIDE AND
NOTE ALL RECEPTS.
ANY RECEPTS HAVING A POSSIBLE BURNING HAZARD OR APPLIANCE
A RECEPT OR AN APPLIANCE SHALL HAVE A CIRCUIT
BREAKER PROTECTIVE DEVICE INSTALLED 12" ABOVE
THE RECEPT OR APPLIANCE.
RECEPTS, RECEPTS AND OTHER LOW VOLTAGE
DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S
DESIGN. ALL RECEPTS SHALL BE INSTALLED
RECEPTS SHALL BE INSTALLED TOGETHER.
ALL RECEPTS SHALL BE AS PER
AND PER CIRCUIT BREAKERS.

NOTE:
THIS ELECTRICAL PLAN IS A SCHEMATIC
WITH HIGHLIGHTED PANEL, RECEPTS,
AND LIGHT RECEPTS. DUE TO
VARYING LOCAL AND STATE CODES,
REGULATIONS, AND STANDARDS FOR THE
RESPONSIBILITY OF THE OWNER AND/OR
CONTRACTOR TO COMPLY WITH ALL LOCAL
AND STATE CODES, REGULATIONS AND
STANDARDS.



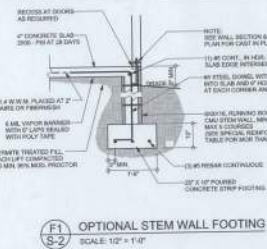
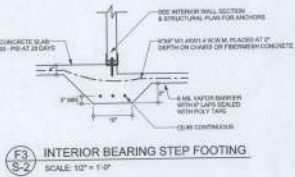
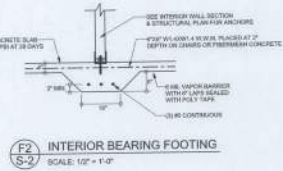
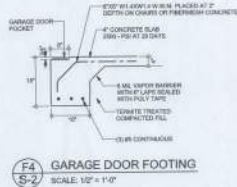
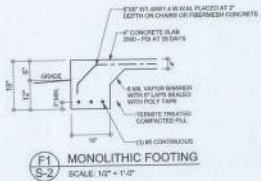
ELECTRICAL PLAN
SCALE: 1/8" = 1'-0"

ELECTRICAL SERVICE PROVIDED BY
CLAY ELECTRIC COOP.



REVISIONS

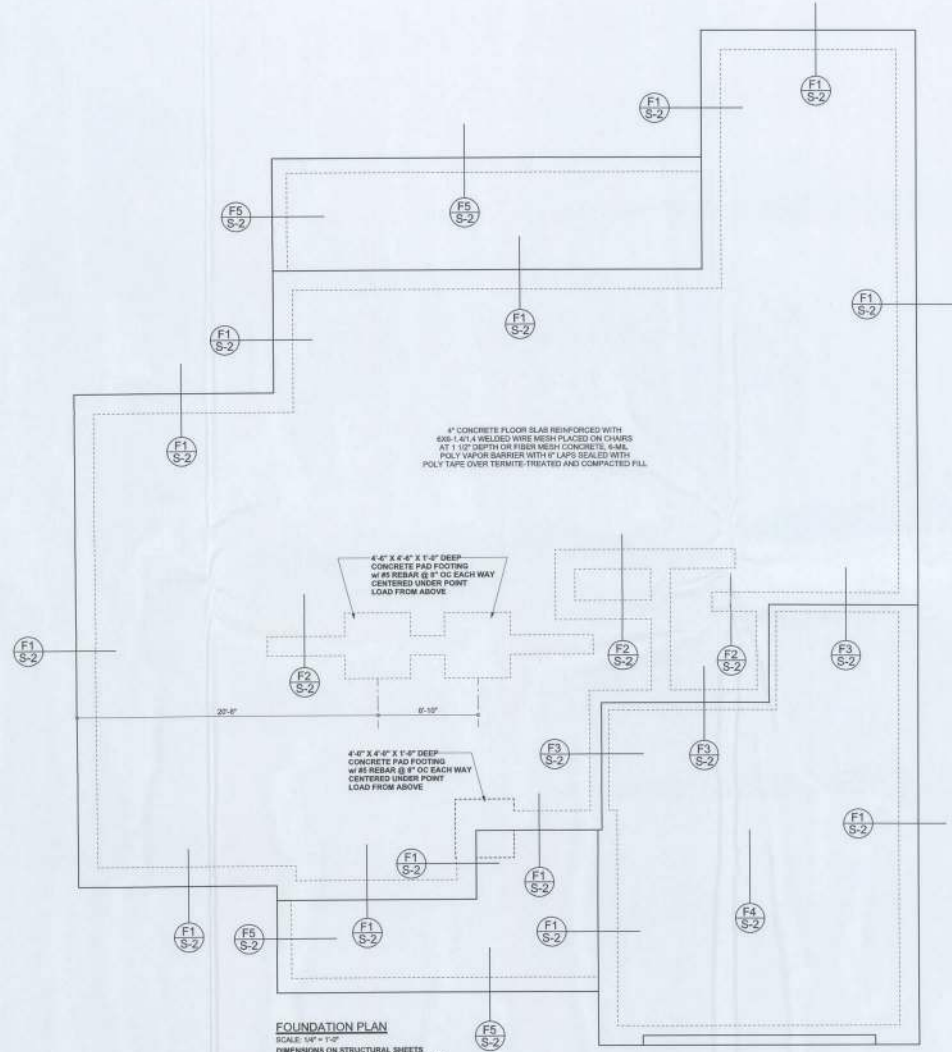
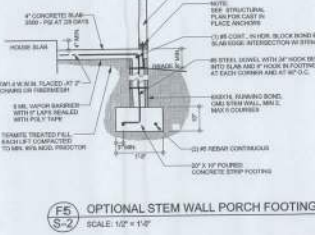
SOFTPLAN



TALL STEM WALL TABLE

The table assumes 80 psi no-rebar base with 1" hook in the footing and 24" top reinforcement. The table is used to determine the required depth of the footing. The table is used to determine the required depth of the footing. The table is used to determine the required depth of the footing.

STEM WALL HEIGHT (FEET)	STEM WALL WIDTH (FEET)	STEM WALL WEIGHT (KIPS)	STEM WALL MOMENT (K-FT)	STEM WALL SHEAR (KIPS)	STEM WALL TORSION (K-IP-FT)
3.3	3.0	90	90	90	90
4.0	3.7	90	90	90	90
4.7	4.3	90	90	90	90
5.3	5.0	90	90	90	90
6.0	5.7	90	90	90	90
6.7	6.3	90	90	90	90
7.3	7.0	90	90	90	90
8.0	7.7	90	90	90	90
8.7	8.3	90	90	90	90
9.3	9.0	90	90	90	90



FOUNDATION PLAN
SCALE: 1/4"
DIMENSIONS ON STRUCTURAL SHEETS
ARE NOT EXACT. REFER TO ARCHITECTURAL
FLOOR PLAN FOR ACTUAL DIMENSIONS

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN FEET AND INCHES. DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED. DIMENSIONS SHALL BE TO FACE UNLESS OTHERWISE SPECIFIED.

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CERTIFICATION: I hereby certify that I have prepared this plan, and that I am a duly licensed Professional Engineer in the State of Florida, License No. 150650.

EXPLANATION: This drawing is for use only in connection with the project described herein. It is not to be used for any other purpose without the written consent of Mark Discovery, P.E.

Aaron Simge
Homes, Inc.
Bristol
Lot 100
The Preserve

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Lake City, Florida 32025
Phone: (386) 754-5419
Fax: (386) 269-4871

PRINTED DATE:
Tuesday, June 30, 2010

PROJECT:
STRUCTURAL BT

DATE:
150650

JOB NUMBER:
150650

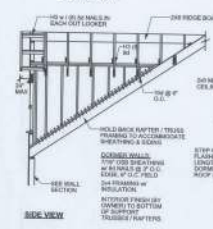
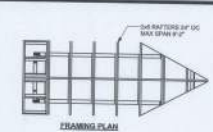
DRAWING NUMBER:
S-2

OF 3 SHEETS

REVISIONS

NO.	DESCRIPTION

SOFTWARE
STRUCTURAL ANALYSIS



DORMER ANCHORING DETAIL (ON ROOF)
SCALE: N.T.S.

STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X10 SP #2 (N.D.).
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (N.D.).
- SN-3 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS.
- SN-4 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED FOR BC21-23, BC29-B1, BC39-B2 & BC39-B1, BC39-B2 & BC39-B3 ARE FURNISHED BY THE TRUSS SUPPLIER WITH THE SEALED TRUSS PACKAGE.

HEADER LEGEND

- (2) 2X10SP #2 16' - HEADER BEAM CALL-OUT (N.D.).
- (2) 2X10SP #2 16' - NUMBER OF KING STUDS (FULL LENGTH).
- (2) 2X10SP #2 16' - NUMBER OF JACK STUDS (UNDER HEADER).
- (2) 2X10SP #2 16' - SPAN OF HEADER.
- (2) 2X10SP #2 16' - SIZE OF HEADER MATERIAL.
- (2) 2X10SP #2 16' - NUMBER OF PILES IN HEADER.

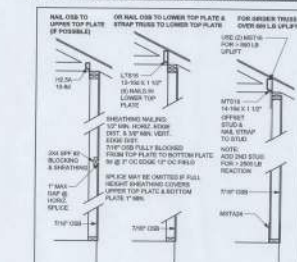
WALL LEGEND

	EXTERIOR WALL
	INTERIOR NON-LOAD BEARING WALL
	INTERIOR LOAD BEARING WALL w/ NO UPLIFT
	INTERIOR LOAD BEARING WALL w/ UPLIFT

TOTAL SHEAR WALL SEGMENTS

INDICATES SHEAR WALL SEGMENTS	
TRANSVERSE	REQUIRED ACTUAL
CONDITONAL	48.2' 116.7'
	48.2' 46.82'

SHEATHING FOR UPLIFT ATTACHMENT DETAILS



SHEATHING NAILING FOR UPLIFT

ONE STORY WOOD FRAME

BONUS ROOM / GABLE END BRACING

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

