

DATE 05/20/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000021896

APPLICANT GARY HAMILTON PHONE 758-6755
ADDRESS 513 SW J. DAVIS LAKE CITY FL 32024
OWNER KGMJ DEVELOPMET AKA GARY HAMILTON PHONE 758-6755
ADDRESS 213 NW KENSINGTON LAKE CITY FL 32055
CONTRACTOR GARY HAMILTON PHONE 758-6755
LOCATION OF PROPERTY 90, R TURNER RD, R KENSINGTON, 2CD VACANT LOT ON LEFT

TYPE DEVELOPMENT MODULAR HOME ESTIMATED COST OF CONSTRUCTION .00
HEATED FLOOR AREA TOTAL AREA HEIGHT .00 STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 5/12 FLOOR STEM-W
LAND USE & ZONING RSF/MH 2 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO.

PARCEL ID 27-3S-16-02315-125 SUBDIVISION WINDSOR COURT
LOT 25 BLOCK PHASE 1 UNIT TOTAL ACRES .50

000000313 N CRC052341
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
PERMIT 04-0576-N BK RJ N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: FLOOR 1 FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 4318

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic
 date/app. by date/app. by date/app. by
Under slab rough-in plumbing Slab Sheathing/Nailing
 date/app. by date/app. by date/app. by
Framing Rough-in plumbing above slab and below wood floor
 date/app. by date/app. by
Electrical rough-in Heat & Air Duct Peri. beam (Lintel)
 date/app. by date/app. by date/app. by
Permanent power C.O. Final Culvert
 date/app. by date/app. by date/app. by
M/H tie downs, blocking, electricity and plumbing Pool
 date/app. by date/app. by
Reconnection Pump pole Utility Pole
 date/app. by date/app. by date/app. by
M/H Pole Travel Trailer Re-roof
 date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$.00 CERTIFICATION FEE \$.00 SURCHARGE FEE \$.00
MISC. FEES \$ 200.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 28.35 WASTE FEE \$ 61.25
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 364.60

INSPECTORS OFFICE L. H. H. CLERKS OFFICE CH

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE. PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

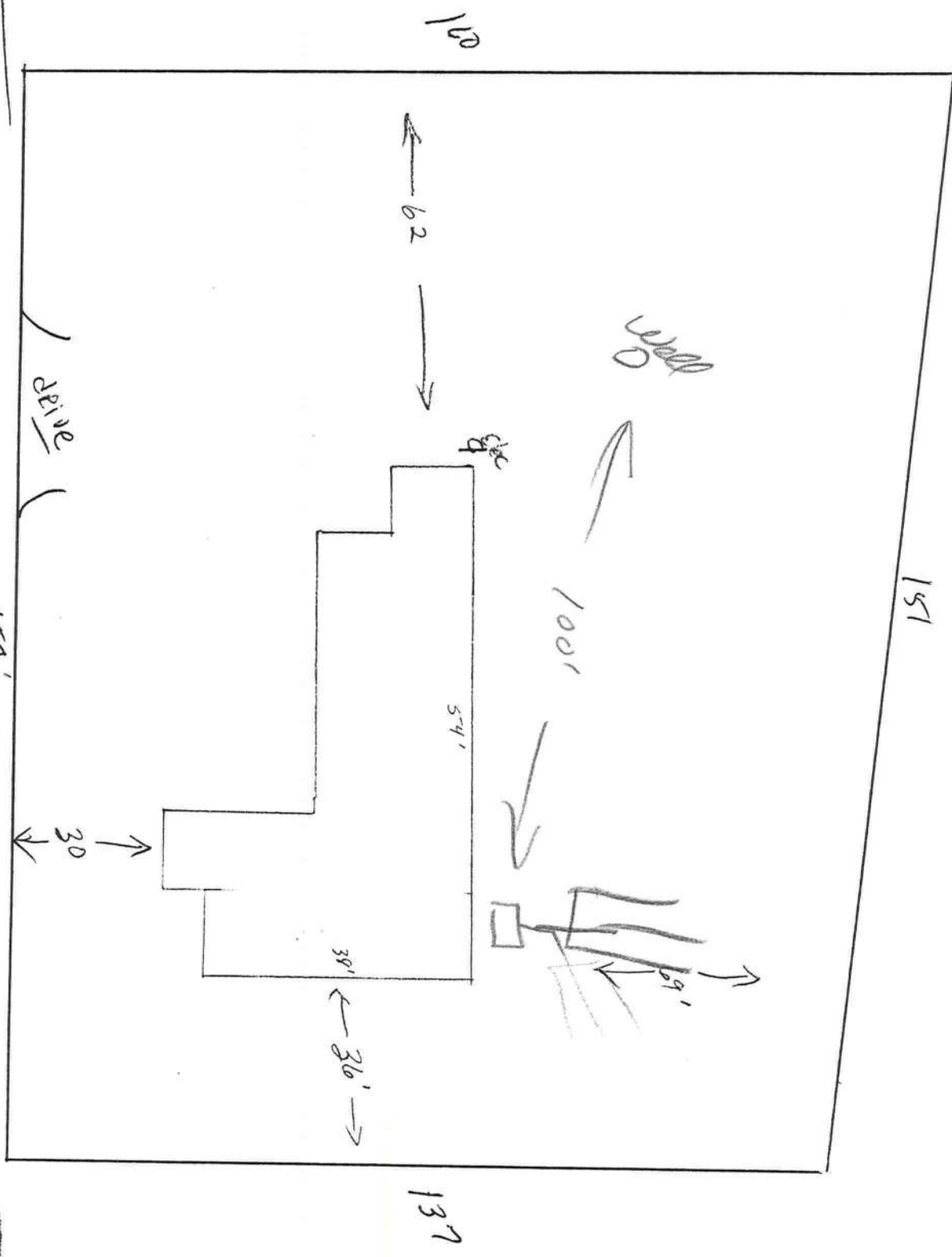
*** The well affidavit, from the well driller, is required before the permit can be issued.***

This application must be completely filled out to be accepted. Incomplete applications will not be accepted

For Office Use Only		Zoning Official	Building Official
AP#	0405-37	Date Received	5/11/04 By JW Permit # 31321896
Flood Zone	X people	Development Permit	N/A Zoning RSF/MH-2 Land Use Plan Map Category RES 1 DE
Comments Need AOC			
* Proof of ownership * Signer En. NEXTA FUN			
* Well letter * Set of blue prints w/ raised seal			
Property ID #	27-35-16-02315-125 (Must have a copy of the property Windsor Court Phase 1, Lot 28)		
New Mobile Home	Modular	Used Mobile Home	Year 2002
Applicant	Gary Hamilton	Phone #	(386) 758-6755
Address	513 SW J. Davis L City FL 32024		
Name of Property Owner	KGMJ Development aka Gary Hamilton		
Address	213 NW Kensington LMB City,		
Name of Owner of Mobile Home	SAM	Phone #	32055
Address			
Relationship to Property Owner			
Current Number of Dwellings on Property	0		
Lot Size	152 X 160	Total Acreage	1/2 acre
Current Driveway connection is	Culvert		
Is this Mobile Home Replacing an Existing Mobile Home			
Name of Licensed Dealer/Installer	Gary Hamilton Phone #		
Installers Address			
License Number	CRC052341	Installation Decal #	

The Permit Worksheet (2 pages) must be submitted with this application.

Installers Affidavit and Letter of Authorization must be notarized when submitted.



213 W. Kensington Ave
Hill City 32055

RON E. BIAS WELL DRILLING

Route 2, Box 5340
Ft. White, Florida 32038
(386) 497-1045
Mobile: 364-9233

Private Well Affidavit

Customer: Gary Hamilton

Address: 213 NW Kensington Ln
Lake City, FL 32055

Size of Pump Motor: 1 horse

Size of Pressure Tank: 81 gal. captive

Cycle Stop Value: Yes Or No

Other: _____

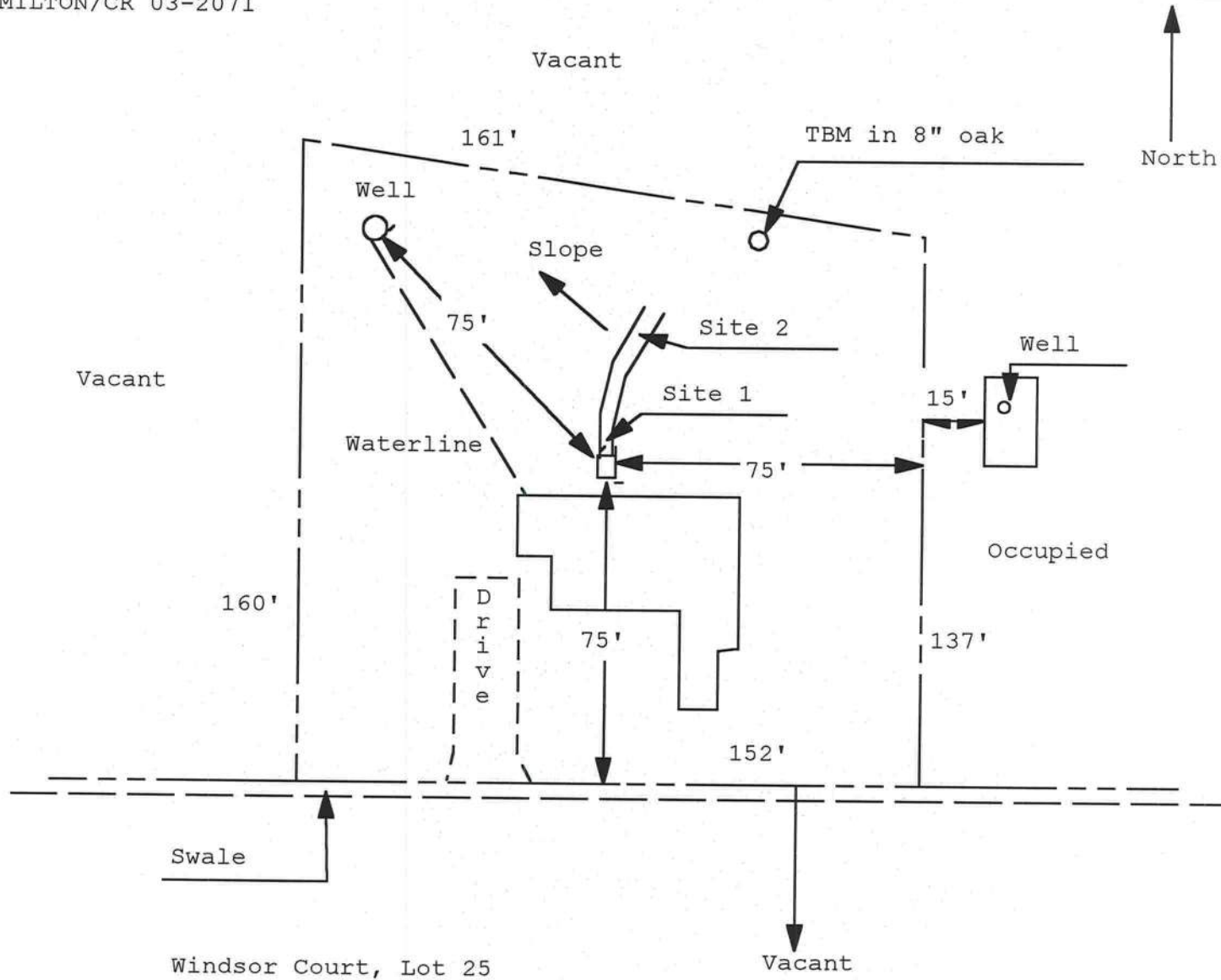
RON E. BIAS WELL DRILLING

X Ron E Bias
Ron E. Bias

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 04-0576N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

HAMILTON/CR 03-2071



1 inch = 40 feet

Site Plan Submitted By Paul Lopez Date 5/14/04
Plan Approved ✓ Not Approved _____ Date 5/14/04
By Paul Lopez mm o h CPHU
5-19-a1

Notes: _____

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000313**

DATE 05/20/2004 PARCEL ID # 27-3S-16-02315-125

APPLICANT GARY HAMILTON PHONE 758-6755

ADDRESS _____ FL _____

OWNER KJMG DEVELOPMENT/AKA GARY HAMILTON PHONE 758-6755

ADDRESS 213 NW KENSINGTON LAKE CITY FL 32055

CONTRACTOR GARY HAMILTON PHONE 758-6755

LOCATION OF PROPERTY 90, R TURNER RD, R KENSINGTON, 2ND VACANT LOT ON LEFT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT WINDSOR COURT

25

1

SIGNATURE



INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☐

Other _____

**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALLATION OF THE CULVERT.**

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160

Amount Paid 25.00



JAN-25-2002 11:16A FROM:

TO: 19198451616

P: 2-7

FORM 600A-2001

EnergyGauge® 3.4

**FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION**Florida Department of Community Affairs
Residential Whole Building Performance Method 'A'

Project Name: HBS-102A	Builder: Gary Hamilton
Address: Lot: , Sub: , Plat:	Permitting Office: Columbia
City, State: Orlando, FL	Permit Number: 21896
Owner: Heartland Building Systems	Jurisdiction Number: 221000
Climate Zone: Central	

1. New construction or existing	Now	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 kBtu/hr SEER: 10.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	3	c. N/A	
5. Is this a worst case?	No	13. Heating systems	
6. Conditioned floor area (ft²)	1560 ft²	a. N/A	
7. Glass area & type	Single Pane Double Pane	b. N/A	
a. Clear glass, default U-factor	0.0 ft² 156.0 ft²	c. N/A	
b. Default tint, default U-factor	0.0 ft² 0.0 ft²	14. Hot water systems	
c. Labeled U-factor or U-value	0.0 ft² 0.0 ft²	a. Electric Resistance	Cap: 50.0 gallons EF: 0.85
8. Floor types		b. N/A	
a. Raised Wood, Post or Pier	R=19.0, 1560.0 ft²	c. Conservation credits	
b. N/A		(HR-Heat recovery, Solar DRP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
9. Wall types		(CF-Celling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
a. Frame, Wood, Exterior	R=13.0, 1852.0 ft²		
b. N/A			
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 1560.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Con. Ret. Con. AH(Sealed) Interior Sup. R=4.2, 156.0 ft			
b. N/A			

Glass/Floor Area: 0.10

Total as-built points: 22774
Total base points: 24882**PASS**

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

PREPARED BY: [Signature]DATE: 3-11-04

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

OWNER/AGENT: [Signature]DATE: [Signature]

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL: _____

DATE: _____



EnergyGauge® (Version: FLRCPB v3.4)

JAN-25-2002 11:16A FROM:
FORM 800A-2001

TD:19198451616

P:3/7

EnergyGauge® 3.4

SUMMER CALCULATIONS**Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: , Sub: , Plat: , Orlando, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .16 X Conditioned X: BSPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt			Area X SPM X SCF = Points			
.16	1550.0	25.78	7239.0	Double, Clear	N	1.3	1.3	195.0	25.25	0.72	2585.2
				Double, Clear	N	1.3	1.3	21.0	25.25	0.72	399.0
Base Total:				As-Built Total:			1550.0			2984.3	
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0			1552.0	1.70	3148.4	
Exterior	1552.0	1.90	3818.8	As-Built Total:			1552.0			3148.4	
Base Total:				As-Built Total:			1552.0			3148.4	
DOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	0.0	0.00	0.0	Exterior Wood	20.0			7.20	7.20	144.1	
Exterior	40.0	4.80	192.1	Exterior Wood	20.0			7.20	7.20	144.1	
Base Total:				As-Built Total:			40.0			288.1	
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	1550.0	2.13	3322.8	Under Attic	30.0			1550.0	2.13 X 1.00	3322.8	
Base Total:				As-Built Total:			1550.0			3322.8	
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	0.0(0)	0.0	0.0	Raised Wood, Post or Pier	19.0			1550.0	1.88	2128.3	
Raised	1550.0	-3.43	-5350.8	As-Built Total:			1550.0			2128.3	
Base Total:				As-Built Total:			1550.0			2128.3	
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
	1510.0	14.81	22323.6	1550.0			14.31	22323.6			
Summer Base Points: 31245.5				Summer As-Built Points:				34173.5			
Total Summer X System Points Multiplier = Cooling Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)							
31245.5	0.4288	13329.3		34173.5	1.000	(1.000 x 1.150 x 0.88)	0.341	1.000	11488.0		
				34173.5	1.00	0.983	0.341	1.000	11488.0		

EnergyGauge™ DCA Form 800A-2001

NIA INC.These prints comply with the Florida
Manufactured Building Act and adopted
codes and orders to the listed criteria:

Construction Type:	VI - UNPROTECTED
Occupancy:	R3
Allowable # of Floors:	1
Wind Velocity:	150 mph
Fire Rating of the Wall:	2hr
Plan Number:	HMS-434-102-A
Allowable Floor Load:	40
Approval Date:	4/22/2004
Inspector:	HMS-102A

JAN-25-2002 11:16A FROM:

TO: 19198451616

P: 4/7

FORM 600A-2001

EnergyGauge® 3.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: Sub: , Plat: , Orlando, FL,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES .18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Omt Len Hgt		Area X WPM X WOF = Points				
.18	1860.0	6.25	1648.5	Double, Clear	N	1.3	1.3	133.0	11.00	0.99	1468.7
				Double, Clear	N	1.3	1.3	21.0	11.00	0.99	225.5
Base Total:				As-Built Total:				186.0		1697.2	
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	3.0	0.00	0.0	Frame, Wood, Exterior	19.0		1882.0	1.80	333.6		
Exterior	1882.0	2.00	3764.0								
Base Total:				As-Built Total:				1882.0		333.6	
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	0.0	0.00	0.0	Exterior Wood	20.0 7.80 152.1						
Exterior	40.0	5.10	204.1	Exterior Wood	20.0 7.80 152.1						
Base Total:				As-Built Total:				40.0		204.2	
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1560.0	0.64	998.4	Under Attic	30.0		1560.0	0.64 X 1.00	998.4		
Base Total:				As-Built Total:				1560.0		998.4	
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	0.1(p)	0.0	0.0	Raised Wood, Post or Pier	16.0		1860.0	0.14	210.8		
Raised	1860.0	-0.20	-312.0								
Base Total:				As-Built Total:				1860.0		210.8	
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
				1860.0 -0.28 -436.8							
Winter Base Points: 5803.2				Winter As-Built Points: 6113.4							
Total Winter X System = Heating Points Multiplier Points				Total X Gap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points	(DM x DSM x AHU)						
5803.2 0.6274 3640.9				6113.4 1.00 1.014 0.585 1.000 3824.1							

EnergyGauge™ DCA Form 600A-2001

NIA INC.
These prints comply with the Florida
Manufactured Building Act and adopted
codes and adhere to the listed criteria:

Construction Type: VI - UNPROTECTED
Occupancy: R3
Allowable # of Floors: 1
Wind Velocity: 130 mph
P/N Rating of Ext Walls: 200
P/N Rating: HSB-434-122-A
Allowable Floor Load: 40
Approval Date: 4/27/2004
Manufacturer: HPS-102A

JAN-25-2002 11:16A FROM:

TO:19198451616

P:5/7

FORM 600A-2001

EnergyGauge® 3.4

WATER HEATING & CODE COMPLIANCE STATUS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , Orlando, FL,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	Multiplier	X Credit = Total Multiplier
3		2664.00	7692.0	50.0	0.88	3	1.00	2664.00	1.00 7692.0
				As-Built Total:					
				7692.0					

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
13329	3641	7692	24662	11458	3824	7692	22774

PASS**NIA INC.**These plans comply with the Florida
Manufactured Building Act and adopted
codes and adhere to the listed criteria:

Construction Type:	VI - UNPROTECTED
Occupancy:	R3
Allowable # of Floors:	3
Wind Velocity:	130 mph
Fire Rating of the Walls:	Zero
Plan Number:	H99-634-102-A
Allowable Floor Load:	40
Approval Date:	4/22/2004
Manufacturer:	HBS-102A

EnergyGauge™ DCA Form 600A-2001

JAN-25-2002 11:17A FROM:

TD:19198451616

P:6/7

FORM 600A-2001

EnergyGauge® 3.4

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: , Sub: , Plat: , Orlando, FL, PERMIT #:

6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum 3 cm/sec ft. window area; 5 cm/sec ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between windows/doors & frames, surrounding wall, foundation & wall/soil or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings > 1/8" sealed unless backed by truss or joist members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings: penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration Tests	606.1.ABC.1.3	Exhaust fans vented to outdoors; dampers; combustion space heaters comply with NFPA, have combustion air.	

6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump filter. Gas spas & pool heaters must have a minimum thermal efficiency of 78%.	
Shower Heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned spaces: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Framed R-11 or CBS R-5 both sides. Common ceiling & floors R-11.	



These prints comply with the Florida Manufactured Building Act and adopted codes and adhere to the listed criteria:

Construction Type:	VI - UNPROTECTED
Occupancy:	R3
Allowable # of Floors:	1
Wind Velocity:	120 mph
Fire Rating of the Walls:	Zero
Plan Number:	HBS-014-103-A
Allowable Floor Load:	40
Approval Date:	4/22/2004
Manufacturer:	HBS-100A

Permanent Notice of Termite Protection

(as required by Florida Building Code (FBC) 104.2.7)

Aspen Pest Control, Inc. (386) 755-3611

This structure has been treated for the prevention of subterranean termites by the above named company. An annual inspection and a renewal of the annual termite protection contract is necessary for continued protection. Call the phone number above for inspection and contract renewal.

213 NW. Hirsington - Lake City, FL

Address of Treatment or Lot/Block of Treatment

Attn: Janice - #21896 (for you files)
from: Mary Smith

FAXED
-2665

GARY HAMILTON
OF
CALVIN

M/H OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 27-3S-16-02315-125

Building permit No. 000021896

Permit Holder GARY HAMILTON

Owner of Building KGMJ DEVELOPMET AKA GARY HAMILTON

Location: 213 NW KENSINGTON LANE, LAKE CITY, FL

Date: 01/24/2005



Fang Dick

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

HEARTLAND BUILDING SYSTEMS, LLC

501 S. Midway Road

Cordele, Georgia 31015

DESIGN CRITERIA:

1. FLOOR LIVE LOAD: 40 PSF
2. BASIC WIND SPEED: 130mph V3S
3. WIND IMPORTANCE FACTOR: 1.0
4. WIND EXPOSURE: C
5. THE APPLICABLE INTERNAL PRESSURE COEFFICIENT (+/-) 0.18
6. COMPONENTS AND CLADDING:
WINDOWS: FIELD= 46.2, *EDGE= 57.0
DOORS: FIELD= 44.2, *EDGE= 53.2
*EDGE= WITHIN 4 FEET OF CORNERS
7. OCCUPANCY: R3
8. SEISMIC PERFORMANCE CATEGORY: D1
9. FIRE RATING FOR EXTERIOR WALLS: ZERO
10. ROOF LIVE LOAD: 20 PSF
11. CONSTRUCTION TYPE: VI - UNPROTECTED



These prints comply with the Florida
Manufactured Building Act and adopted
codes and adhere to the listed criteria:

Construction Type:	VI - UNPROTECTED
Occupancy:	R3
Allowable # of Floors:	1
Wind Velocity:	130 mph
Wind Velocity:	Zero
Final Rating of Ex. Walls:	Zero
Plan Number:	HBS-434-102-A
Allowable Floor Load:	40
Approval Date:	4/22/2004
Manufacturer:	HBS-102A

THIS BUILDING IS NOT TO BE LOCATED IN DADE OR BROWARD COUNTY

BUILDING CODE:
2001 FLORIDA BUILDING CODE WITH JUNE 30, 2003 UPDATES
2001 FLORIDA FIRE PREVENTION CODE
2002 NATIONAL ELECTRIC CODE
2001 FLORIDA PLUMBING CODE
2001 FLORIDA MECHANICAL CODE

Date: 4/22/2004 Cert. No.: SMP-036
Plan Number: HBS-434-102-A
Approved By: Daren T. Lehman
Daren T. Lehman
(Signature)

6612 Six Forks Rd., Suite 104
Raleigh, North Carolina 27615
919-845-1600

FLORIDA MANUFACTURER ID NUMBER: HBS-434

BUILDING SITE INSTALLATION (ATTENTION LOCAL CODE OFFICIALS)

FOUNDATIONS: 1. FOOTINGS: 8'x8'x16' CONTINUOUS CONCRETE FOOTER UNDER FOUNDATION WALLS. 30'x30'x12' CONCRETE FOOTING UNDER PIERS. 2. FOUNDATION WALLS- 8'x8'x16' CMU HOLLOW WALL. 3. FOUNDATION PIERS- 8'x8'x16' CMU. SEE PAGE 4/7 FOR DETAILS		PLUMBING: 1. WATER LINES- LOCATE AND CONNECT CROSS-OVERS LOCATED UNDER THE MARRIAGE LINE. TURN THE WATER ON AND CHECK FOR LEAKS. 2. DRAIN LINES: CONNECT DROP-OUTS TO THE MAIN DRAIN LINE. BE SURE ALL CONNECTIONS COMPLY WITH LOCAL PLUMBING CODES. SEE PAGE 5/7 FOR DETAILS		ELECTRICAL: 1. MULTI-SECTION UNITS WILL HAVE THE ELECTRICAL CROSS- OVERS LOCATED EITHER IN THE FLOOR NEAR THE MARRIAGE LINE OR IN THE ENDWALLS NEAR THE CENTER OF THE UNIT. LOCATE THE JUNCTION BOXES AND CONNECT THE CONDUCTORS TOGETHER. THE CONDUCTORS SHOULD BE COLOR CODED OR MARKED FOR EASY IDENTIFICATION. DO NOT INTERCONNECT CIRCUITS OR CROSS- CONDUCTORS. ALL WIRE CONNECTIONS MUST BE COMPLETED INSIDE THE JUNCTION BOXES.		GAS AND HVAC: 1. GAS- LOCATE QUICK-DISCONNECT UNDER THE FLOOR AT AT THE MARRIAGE LINE AND CONNECT. VERIFY THAT ALL CONNECTIONS ARE TIGHT AND HAVE BEEN CHECKED FOR LEAKS. 2. HVAC- HVAC SYSTEMS ARE SITE- INSTALLED, DESIGNED BY OTHERS, AND SUBJECT TO LOCAL JURISDICTION. IF DUCTS HAVE BEEN INSTALLED AT THE PLANT, WRAP/COVER THE SEAMS AND JOINTS WITH DUCT TAPE TO REDUCE AIR LEAKAGE. WRAP/COVER EXPOSED METAL WITH FIBERGLASS INSULATION TO REDUCE HEAT LOSS.	
THIS BUILDING DOES NOT HAVE TO UTILIZE HEIGHT OR AREA EXPANSION PROVISIONS TO BECOME CODE COMPLIANT, DOES NOT REQUIRE HANDICAP ACCESSIBILITY REQUIREMENTS TO BE COMPLETED ON SITE, AND DOES NOT REQUIRE SPRINKLER SYSTEMS, SMOKE ALARMS, OR FIRE EXTINGUISHERS TO BE INSTALLED ON SITE.							
		TITLE PAGE		1/7		INDEX	
		FLOOR PLAN		2/7			
		ELEVATIONS		3/7			
		FOUNDATION DETAILS		4/7			
		PLUMBING DETAILS		5/7			
		CROSS SECTION		6/7			
		NOTES		7/7			
		REV.		PAGE:		1/7	

VIBURNUM 'N' CLEAR GROUND 31 7/8" WIDE X 25 5/8" HIGH -
VIBURNUM 'N' IS A TWIN VIBURNUM MADE OUT OF 2" 'N' VIBURNUM -
VIBURNUM 'N' GARDEN LINE 30 FT
VIBURNUM 'N' GARDEN LINE 30 FT

FLATIRON NOTES
1. ALL BRANCH CIRCUITS SUPPLYING
TO AND/OR FEEDING DUTIES IN REWORKED, CLUSTERS,
AND STAKE DEVICES, ARE PROTECTED BY AN AIR-FAULT CIRCUIT
INTERLOCKER IN ACCORDANCE WITH SECTION 2402, NEC.
2. ALL STAKE RECEPTORS MUST BE
PERMANENTLY CONNECTED AHEAD OF
SWITCHING DEVICES.

These prints comply with
Manufactured Building Act
codes and adhere to the fi-

Construction Type:	W - Unreinforced
Occupancy:	R3
Allowable # of Floors:	1
Wind Velocity:	130 mph
Fire Rating of End Wall:	2 hr
Plan Number:	H-39-04, C-1-A
Allowable Floor Load:	40
Approval Date:	4/27/2014
Manufacturer:	H&B-107A

THIS HEADER CHART APPLIES TO
DOOR OPENINGS IN MARRIAGE WALLS
MINIMUM MEMBER SIZE SHOWN

OPENING	MEMBER	QUANTITY	MAX. SPAN
5	2x6 SPF #2	1	6'-8"

DOOR AND WINDOW HEADERS ARE LOCATED IN SECTION 5, PAGE 25, OF THE CALCULATIONS MANUAL.

DOOR SCHEDULE

1	36' EXT. DOOR	A	0
2	32' EXT. DOOR	B	0
3	30' INT. DOOR	C	0
3A	32' INT. DOOR	D	0
4	28' INT. DOOR	E	0
5	24' INT. DOOR		
6	18' INT. DOOR		
7	60' INT. BI-FOLD		
8	48' INT. BI-FOLD		

WINDOW SCHEDULE

SINGLED 36' x 60' EGRESS
DOUBLED 36' x 60' EGRESS
TRIPLED 30' x 60'
0' x 36'
0' x 40' SAFETY GLAZED

COLUMN SUPPORT

2- 2x4's (SYP#2)
3- 2x4's (SYP#2)
4- 2x4's (SYP#2)

ALL COLUMN STUDS SHALL BE GALVED
TOGETHER WITH 100% PVA GELIE COVERAGE.

E.A. COLUMN STUD SHALL BE NUTTED
TO ADJACENT COLUMN STUD WITH 1/4" x 3"
NUTS SPACED 6' O.C. STRAIGHTED.

COLUMN STUDS SHALL NOT BE NOTCHED OR BORED

200 AMP PANEL V/

	INCANDESCENT LIGHT	120V
	RECESSED INCANDESCENT LIGHT	120V
	VENT FAN	120V
	SWITCH	120V
	DUPLEX RECEPTACLE	120V
	GFI DUPLEX RECEPTACLE	120V
	SMOKE DETECTOR V/ BATTERY BACK UP	120V

Total Sq. Ft.

1560 SQ FT
Glazing Sq. Ft.
158 SQ FT

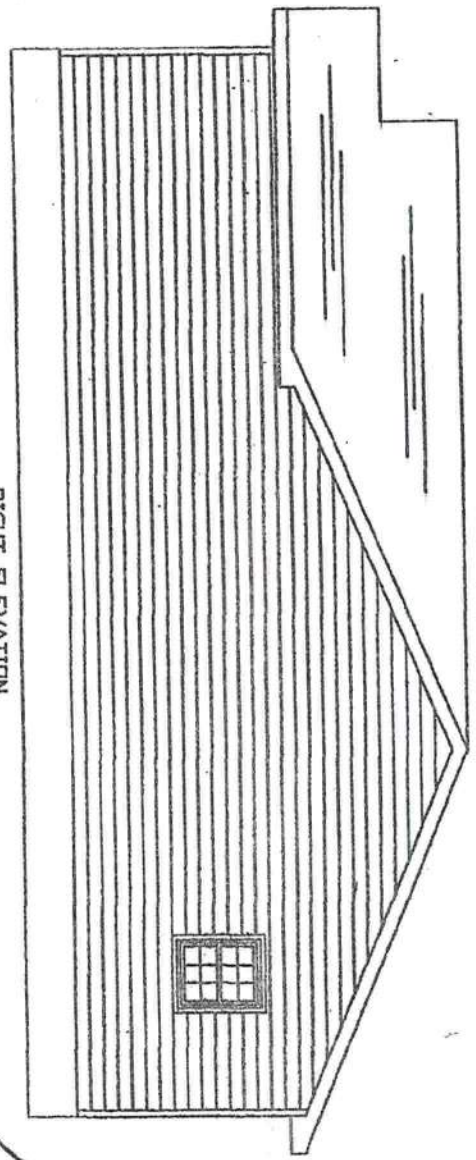
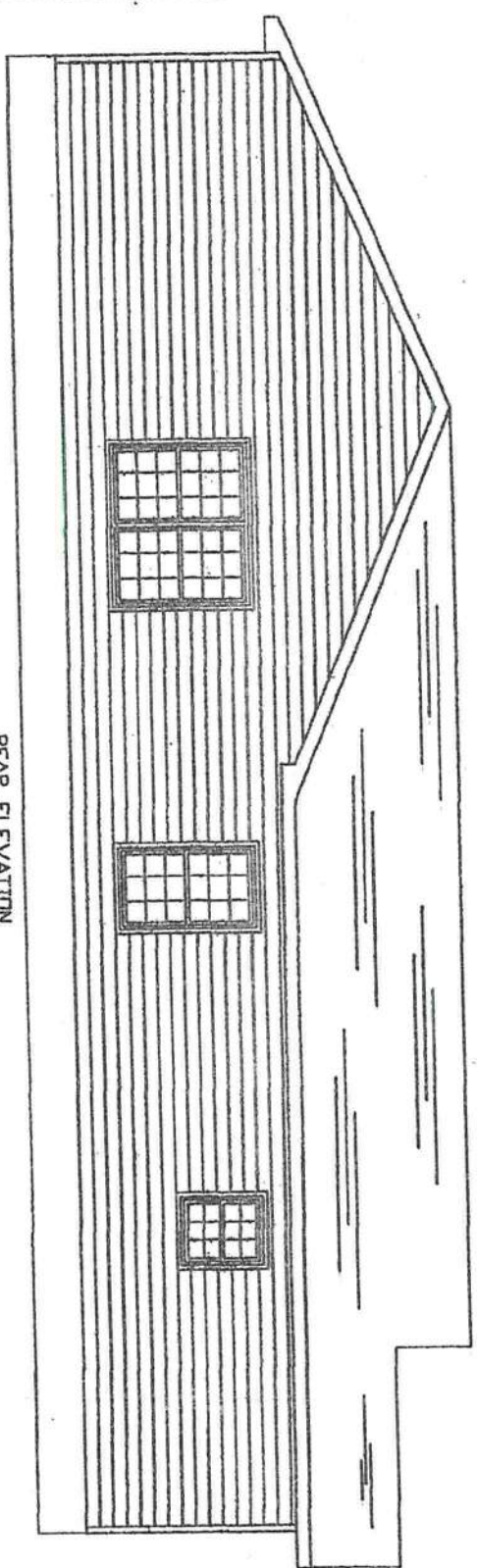
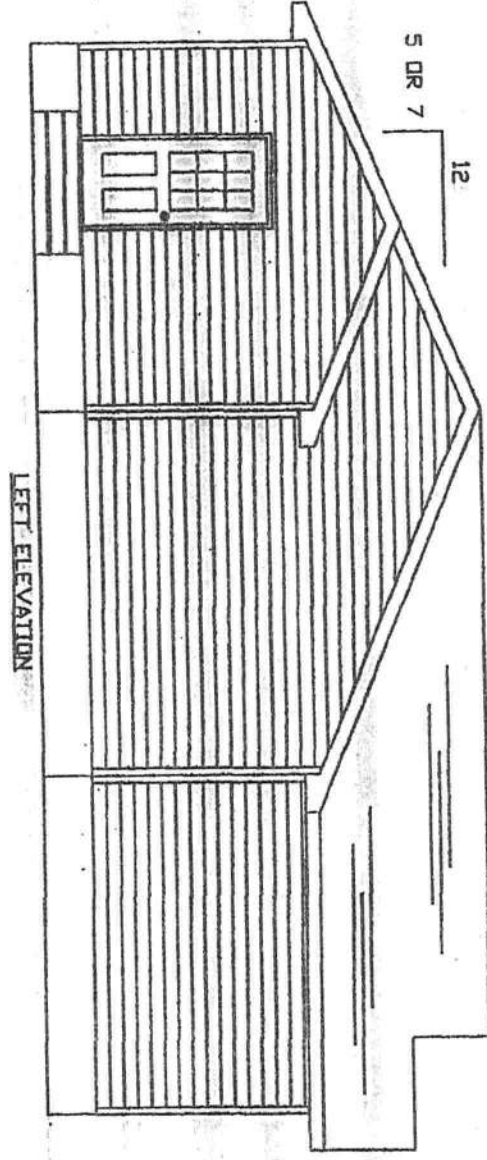
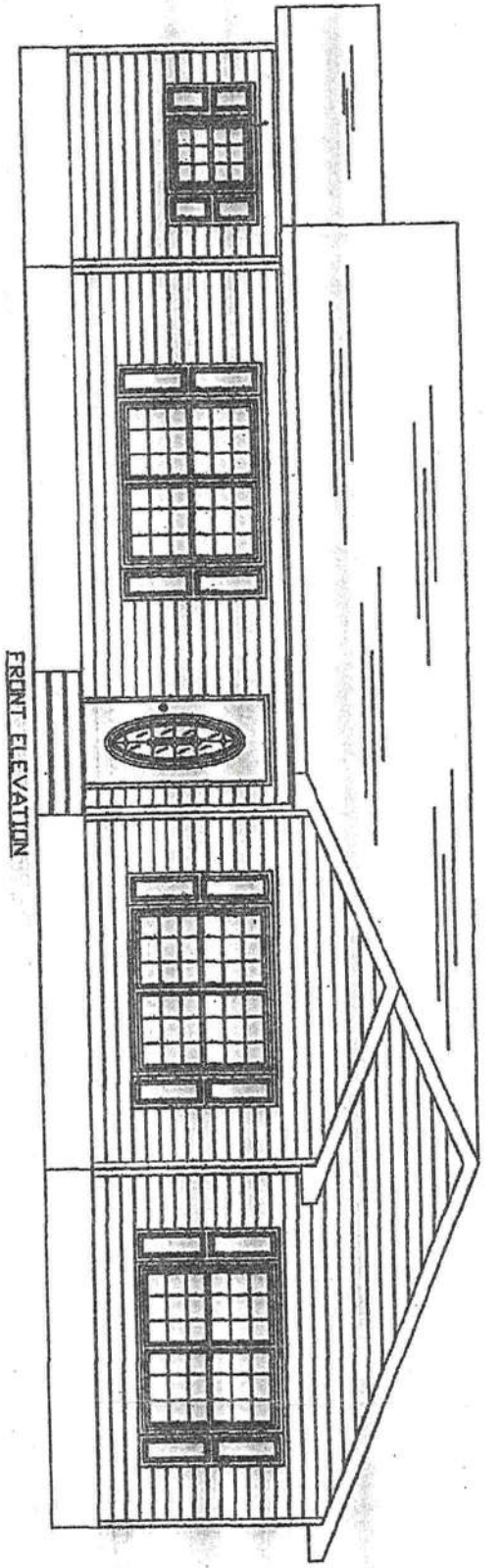
Hearland Building Systems, LLC

HBS-102A	
Date:	3-17-04
Scale:	3/16" = 1'-0"
Page:	21

NOTE: P1919R01 TRUSS
OR P1920R01 TRUSS
ON FOR THIS GABLE

RIDGE BEAM: (1) 1 1/2" x 9.25" LVL EA SIDE
 REF: CALCULATIONS MANUAL, SECTION 3, PAGE 25
 SEE NATING WALL HEADER- RANCH
 SEE HEADER JACK STUDS, NATING WALL SIDE- RANCH

RIDGE BEAM CD 1 1/2" x 14" LVL EA SIDE
REF. CALCULATIONS MANUAL, SECTION 5, PAGE 23
SEE MATING WALL HEADER-RANCH
SEE HEADER JACK STUDS, MATING WALL SIDE-RANCH



NIB INC.
These prints comply with the Florida Manufactured Building Act and adopted codes and adhere to the stated criteria.

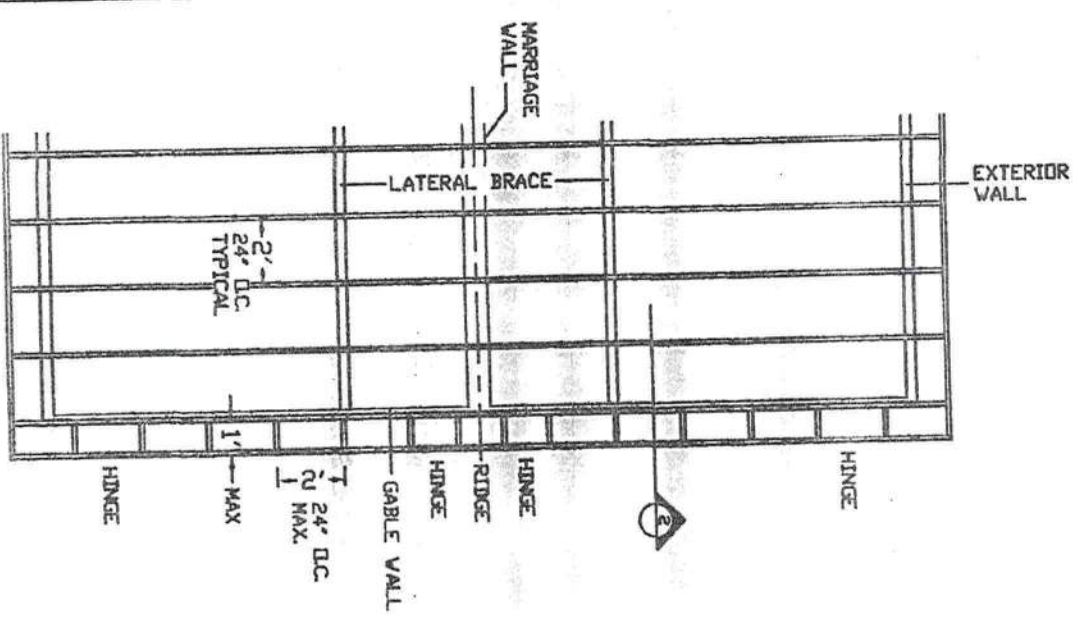
Construction Type:	VI - UNPROTECTED
Occupancy:	R2
Allowable # of Floors:	1
Wind Velocity:	130 mph
Final Reading of test results:	Zero
Plan Number:	HBS-102A-102A
Approvable Floor Level:	41
Approval Date:	4/22/2024
Manufacturer:	HBS-102A

HEARTLAND BUILDING SYSTEMS, LLC

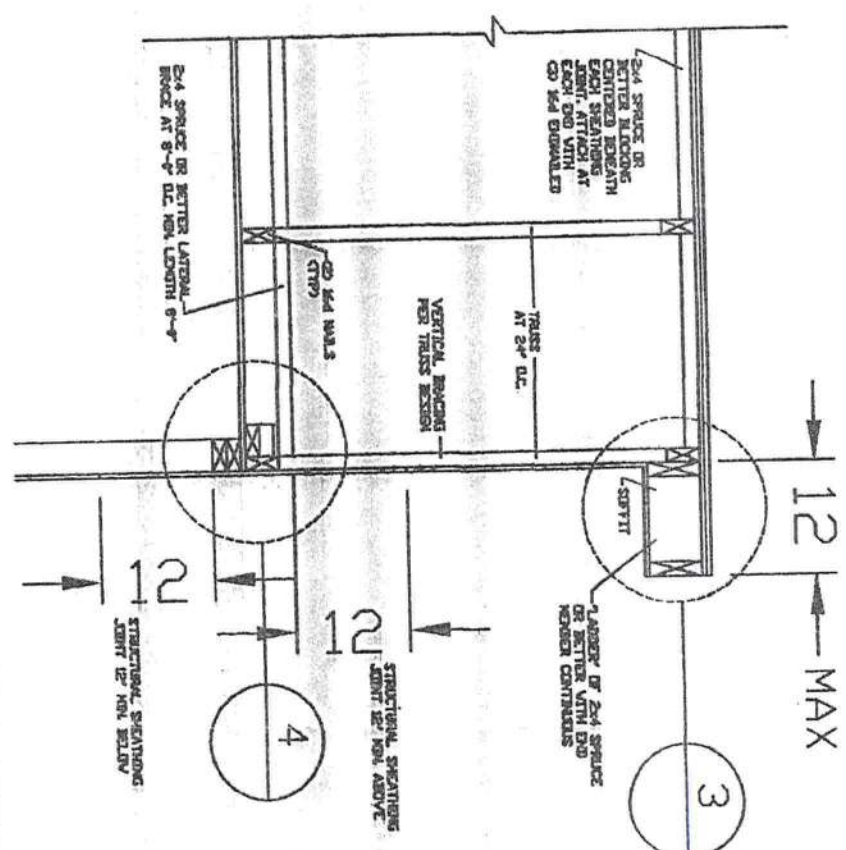
Model: HBS-102A

Revi	Date:
Revi	Scale:
Revi	Page:

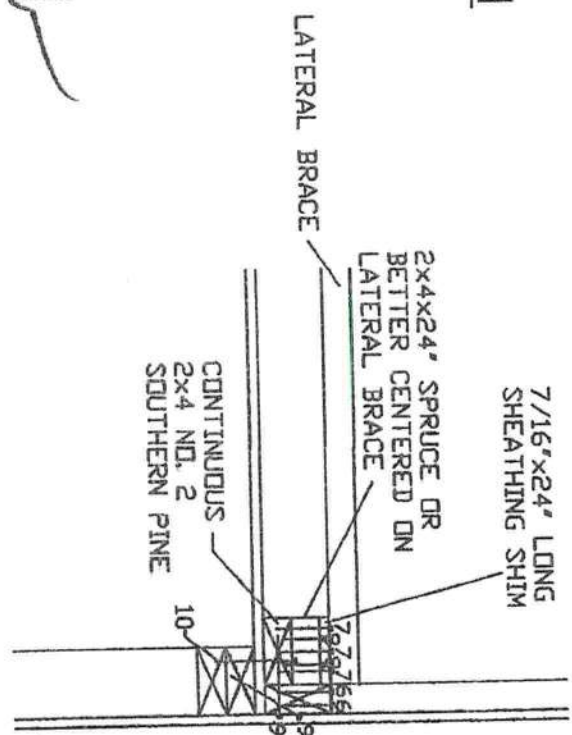
3/9



1) ROOF FRAMING PLAN

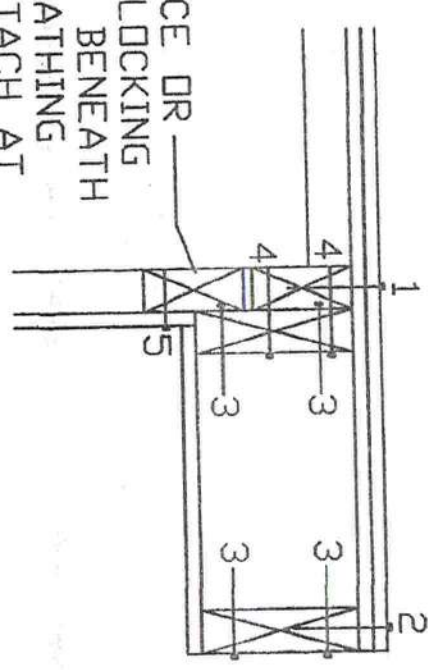


2) SECTION THRU "LADDER" SOFFIT



4) NAILING DETAIL AT LATERAL BRACE

2x4 SPRUCE OR BETTER BLOCKING CENTERED BENEATH EACH SHEATHING JOINT. ATTACH AT EACH END WITH (3) 16d ENDNAILED



3) "LADDER" ATTACHMENT NAILING DETAIL AT TOP OF GABLE

NFA INC.
These prints comply with the Florida Manufacturing Building Act and adopted codes and adhere to the listed criteria:

Construction Type:	III - UNPROTECTED
Occupancy:	20
Allowable \$ of Floor:	150/m ²
Wind Velocity:	260
Plan Number:	158-43-102-A
Approval Date:	4/22/2004
Manufacturer:	455-107A

NAIL SCHEDULE			REMARKS
MARK	NO. & SIZE	SPACING	
1	8d	4" D.C.	EACH SIDE
2	8d	6" D.C.	
3	(2) 16d		
4	(2) 16d	24" D.C.	EACH TRUSS
5	8d	6" D.C.	
6	(2) 16d		TYPICAL
7	(5) 16d		
8	(6) 16d		ALTERNATE (8) 8d
9	16d	8" D.C.	ALTERNATE IDENAIL & ENDNAIL
10	16d	8" D.C.	

HEARTLAND BUILDING SYSTEMS, LLC

DWG: OVERHANG AT ENDWALLS

MAX. WIND SPEED: 130 MPH (3 SECOND GUST)
(110 FASTEST MILE)

Rev:	Date:	3-31-04
Rev:	Scale:	NTS
Rev:	Page:	3.1

Handwritten signature

GENERAL NOTES:

- 1. ALL GLAZING WITHIN 24" ARC OF DEERS, WHOSE BOTTOM EDGE IS LESS THAN 60" ABOVE THE FLOOR, AND ALL GLAZING IN DECKS SHALL BE SAFETY, TEMPERED, OR ACRYLIC PLASTIC SHEET.
- 2. FLOOR DESIGN LIVE LOAD- 40 PSF.
- 3. MAXIMUM WIND SPEED- 130 MPH (3 SECOND GUST) = 110 MPH FASTEST MILE
- 4. SEISMIC PERFORMANCE CATEGORY C
- 5. OCCUPANCY IS R-3 RESIDENTIAL.
- 6. OCCUPANT LOAD IS BASED ON 1 PERSON PER 200 SQUARE FEET OF FLOOR AREA.
- 7. ALL STEEL STRAPS REFERENCED ON FLOOR PLAN SHALL BE 15 INCH X 30 GA. WITH 7- 16 GA X 7/16 INCH GROUND X 1 INCH STAPLES EACH END OF STRAP OR EQUIVALENT FROM RIDGE BEAM TO COLUMN AND COLUMN TO FLOOR.
- 8. CONSTRUCTION IS TYPE VB, UNPROTECTED.
- 9. CEILING FANS SHALL BE 80" MIN. FROM BOTTOM OF BLADES TO FINISHED FLOOR.
- 10. HORIZONTAL CORRIDOR WIDTH IS 36".
- 11. THIS BUILDING HAS NOT BEEN DESIGNED FOR COASTAL HAZARD AREAS, OR REGULATORY FLOOD PLAIN AREAS.
- 12. ALL WINDOWS SHALL BE SINGLE GLAZED V/ STRENGTH WINDOWS, OR SHALL BE DOUBLE GLAZED.
- 13. EXTERIOR DECKS SHALL HAVE AN INSULATION VALUE OF R-1.66 MINIMUM.
- 14. FIRE RATED EXTERIOR WALLS IS ZERO.
- 15. ROOF LOAD 20 PSF GSD PSF OPT.
- 16. THIS UNIT MUST BE CONNECTED TO A PUBLIC WATER SUPPLY AND SEWAGE SYSTEM IF THESE ARE AVAILABLE.
- 17. FIRE STOPPING AND AIR INFILTRATION BETWEEN UNITS SHALL BE PROVIDED BY DRAFTSTOP BRAND NON-COMBUSTIBLE FILLER CHIPPING OR EQUAL MEETING ASTM-E136 AND CABO 602.7.

ELECTRICAL NOTES:

- 1. ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDING IN ACCORDANCE WITH THE APPROPRIATE ARTICLES OF THE NATIONAL ELECTRIC CODE (NEC).
- 2. WHEN LIGHT FIXTURES ARE INSTALLED IN CLOSETS, THEY SHALL BE SURFACE MOUNTED OR RECESSED INCANDESCENT FIXTURES. SHALL HAVE A MINIMUM OF 12" AND ALL OTHER FIXTURES SHALL HAVE A CLEARANCE OF 6" FROM "STORAGE" AREA AS DEFINED BY NEC 410-8(A).
- 3. WHEN WATER HEATERS ARE INSTALLED THEY SHALL BE PROVIDED WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO WATER HEATERS SERVED. THE BRANCH CIRCUIT SWITCH OR CIRCUIT BREAKER SHALL BE PERMITTED TO SERVE AS THE DISCONNECTING MEANS ONLY WHERE THE SWITCH OR CIRCUIT BREAKER IS WITHIN SIGHT FROM THE WATER HEATER OR IS CAPABLE OF BEING LOCKED IN THE OPEN POSITION.
- 4. HVAC EQUIPMENT SHALL BE PROVIDED V/ READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE EQUIPMENT SERVED. A UNIT SWITCH WITH A MARKED "OFF" POSITION THAT IS PART OF THE HVAC EQUIPMENT AND DISCONNECTS ALL UNSHARED CONDUCTORS SHALL BE PERMITTED AS THE DISCONNECTING MEANS ARE ALSO PROVIDED BY A READILY ACCESSIBLE CIRCUIT BREAKER.
- 5. PRIOR TO ENERGIZING THE ELECTRICAL SYSTEM THE INTERRUPTING RATING OF THE MAIN BREAKER MUST BE DESIGNED AND VERIFIED AS BEING IN COMPLIANCE WITH SECTION 110-9 OF THE NEC BY LOCAL ELECTRICAL CONSULTANT.
- 6. THE MAIN ELECTRICAL PANEL AND FEEDERS ARE DESIGNED BY OTHERS. SITE INSTALLED AND SUBJECT TO LOCAL JURISDICTION APPROVAL.
- 7. SMOKE DETECTORS SHALL BE WIRED SO THAT DEFEATMENT OF ANY ONE SMOKE DETECTOR WILL CAUSE SIMULTANEOUS ACTIVATION OF ALL OTHERS.
- 8. ALL CIRCUITS CROSSING OVER MODULE CHASSIS LINES SHALL BE SITE CONNECTED WITH APPROVED ACCESSIBLE JUNCTION BOXES OR CABLE CONNECTIONS.
- 9. ALL WIRING SHALL BE NMC.

ARC-FAULT CIRCUIT INTERRUPTER

ALL BRANCH CIRCUITS SUPPLYING 15 AND 20 AMPERE OUTLETS IN BEDROOMS ARE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER IN ACCORDANCE V/ SECTION 210.12, NEC

ON-SITE ELECTRICAL CONNECTIONS

MULTI-SECTION UNITS WILL HAVE THE ELECTRICAL CROSSOVERS LOCATED EITHER IN THE FLOOR NEAR THE MARRIAGE LINE OR IN THE ENDWALLS NEAR THE CENTER OF THE UNIT. LOCATE THE JUNCTION BOXES AND CONNECT THE CONDUCTORS TOGETHER. THE CONDUCTORS SHALL BE COLOR CODED OR MARKED FOR EASY IDENTIFICATION. DO NOT INTERCONNECT CIRCUITS OR CROSS CONDUCTORS. ALL WIRE CONNECTIONS SHOULD BE DONE INSIDE THE JUNCTION BOXES.

PLUMBING NOTES:

- 1. ALL PLUMBING FIXTURES SHALL HAVE SEPARATE SHUT-OFF VALVES.
- 2. WATER HEATER SHALL HAVE A SAFETY PAN WITH 1" DRAIN TO EXTERIOR.
- 3. WATER PIPES INSTALLED IN A WALL EXPOSED TO THE EXTERIOR SHALL BE LOCATED ON THE HEATED SIDE OF THE WALL. INSULATION, WATER PIPING INSTALLED IN AN UNCONDITIONED ATTIC SHALL BE INSULATED WITH AND INSULATION OF R-6.5 MINIMUM.
- 4. DWV SYSTEM SHALL EITHER BE ABS OR PVC - DWV.
- 5. WATER SUPPLY LINES SHALL BE POLY-BUTYLENE, CPVC, OR COPPER. WHEN POLY-BUTYLENE SUPPLY LINES ARE INSTALLED THE MAXIMUM WATER HEATER SETTING IS 180 DEG F. THE POLY-BUTYLENE PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S LIMITATIONS AND DISTINCTIONS.
- 6. BUILDING DRAIN AND CLEARENDS ARE DESIGNED AND SITE INSTALLED BY OTHERS. SUBJECT TO LOCAL JURISDICTION APPROVAL.
- 7. TUB ACCESS PROVIDED UNDER HERE.
- 8. UNLESS OTHERWISE NOTED.
- 9. SHOWER SHALL 3" SHALL BE COVERED V/ NEW ASPHALT FLOOR, TO A HEIGHT OF 72" ABOVE FINISH FLOOR.
- 10. TUB RELIEF VALVE V/ DRAIN TO EXTERIOR AND SHUT-OFF WITHIN 3' OF WATER SUPPLY AT WATER HEATER.

ON-SITE PLUMBING CONNECTIONS

WATER LINES
LOCATE AND CONNECT WATER LINE CROSS-OVERS LOCATED UNDER THE FLOOR AT THE MARRIAGE LINE. TURN THE WATER ON AND CHECK FOR LEAKS.

DRAIN LINES
CONNECT DRAIN DROP-OUTS TO THE MAIN DRAIN. BE SURE ALL CONNECTIONS COMPLY WITH LOCAL PLUMBING CODES.

MECHANICAL NOTES:

- 1. ALL HVAC SYSTEMS ARE SITE INSTALLED, DESIGNED BY OTHERS, SUBJECT TO LOCAL JURISDICTION.

ON-SITE DUCT CONNECTIONS

- 1. WRAP/COVER ALL SEAMS AND JOINTS WITH DUCT TAPE TO REDUCE AIR LEAKAGE.
- 2. WRAP/COVER EXPOSED METAL WITH FIBERGLASS INSULATION TO REDUCE HEAT LOSS.

NOTE: INTEGRITY OF MARRIAGE LINE RIDGE BEAM SHALL NOT BE COMPROMISED.

ON-SITE GAS CONNECTIONS

LOCATE QUICK DISCONNECT AND CONNECT. THE QUICK DISCONNECT IS LOCATED UNDER THE FLOOR AT THE MARRIAGE LINE. VERIFY THAT ALL CONNECTIONS ARE TIGHT AND HAVE BEEN CHECKED FOR LEAKS.

ELECTRICAL SCHEDULE

BOX#	CIR#	DESCRIPTION	VOLTS	WIRE	DESCRIPTION	KVA
20	1	PORTABLE APPLANCE	120	12/2	MAX. FLOOR AREA 4000 X 2000 / 1000	2.0
20	2	PORTABLE APPLANCE	120	12/2	3 SMALL APPLANCES & 1500VA / 1000	4.5
20	3	REFRIGERATOR	120	12/2	RANGE & 1200 KV	12
20	4	WASH RECEPT	120	12/2	WATER HEATER & 45 KV	4.5
15	5	GENERAL LIGHTING	120	14/2	DISH WASHER & 14 KV	14
15	6	GENERAL LIGHTING	120	14/2	WASHER & 1500VA / 1000	15
15AFCI	7	GENERAL LIGHTING	120	14/2	DRYER & 50 KV	50
15AFCI	8	GENERAL LIGHTING	120	14/2	GASDISH RECEPT & 15 KV	15
15AFCI	9	GENERAL LIGHTING	120	14/2	~	~
20	10	PORTABLE APPLANCE	120	12/2	~	~
20	11/20	WATER HEATER	240	12/2	~	~
20	12	WASHER	240	12/2	~	~
20	14/15	DRYER	240	12/2	~	~
40	15/17	DISHW	240	12/2	TOTAL LOAD	42.9
~	18	~	~	~	1st 30 KVA & 1000	30.0
15A/2	19/21	HVAC COMPRESSOR	208V 1PH	~	RECOMMEND & 40K	23.2
20/22	20/22	HVAC BLOWER	208V 1PH	~	HVAC & 300K	20.5
15	12	GENERAL LIGHTING	120	14/2		
						TOTAL 234.2
						234.2 X 1000 / 240 = 974.08
						INSTALL 200 AMP PANEL



Contractor Type: N1, UNPROTECTED.

Occupancy: 1

Allowable # of Floors: 1

Wind Velocity: 130 MPH

Fire Rating of Ext Wall: Zero

Plan Number: HBS-102A

Allowable Floor Load: 40

Approval Date: 4/22/2024

Manufacturer: HBS-102A

These prints comply with the Florida Manufactured Building Act and adopted codes and adhere to the listed criteria:

HEARTLAND BUILDING SYSTEMS, LLC

Model: HBS-102A

Rev: 1	Date: 6-24-03
Rev: 2	Scale: N/A
Rev: 3	Page: 7/7