DATE 11/17/2006

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT
000025235

APPLICANT KEVIN BEDENBAUGH PHONE 386.792.4061

ADDRESS POB 1416 LIV OAK FL 32064

OWNER BARBARA LEE BAUMAN PHONE 941 662-0201

ADDRESS 9260 SW TUSTENUGGEE AVENUE LAKE CITY FL 32024

CONTRACTOR KEVIN BEDENBAUGH PHONE 386.792.4061

LOCATION OF PROPERTY 41S, TR ON TUSTENUGGEEE, PAST CR 349, APPROXIMATELY 1 MILE ON RIGHT.

TYPE DEVELOPMENT MODULAR/UTILITY ESTIMATED COST OF CONSTRUCTION 0.00

HEATED FLOOR AREA 2040.00 TOTAL AREA HEIGHT 20.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 5'12 FLOOR CONC

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 31-5S-17-09465-110 SUBDIVISION NEW HOPE ESTATES

LOT 10 BLOCK PHASE UNIT 1 TOTAL ACRES 1.00

		RB0066597	Kevin Bedenbaugh
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor

EXISTING	06-0958-E	BLK	JTH	Y
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD. SECTION 2.3.1 LEGAL NON-CONFORMING. LOT OF RECORD.

Check # or Cash 2840

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by

Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by

Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by

Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by

Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by

M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by

Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by

M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE $ 0.00 CERTIFICATION FEE $ 0.00 SURCHARGE FEE $ 0.00

MISC. FEES $ 200.00 ZONING CERT. FEE $ 50.00 FIRE FEE $ 0.00 WASTE FEE $

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 275.00

INSPECTORS OFFICE 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 INCONVIENCE, 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.

09/22/06

AP# BAUMA0039036207
LN# 0039036207

SUNTRUST MORTGAGE

PREPARED BY/RETURN TO: Laurer Autry
SunTrust Mortgage Inc.
76 South Laura Street
Jacksonville, FL 32202

(name and address)

NOTICE OF COMMENCEMENT

Building Permit No. _____ Tax Folio No. _____
STATE OF Florida

COUNTY OF Columbia

(Do not write in this blank area.
Reserved for recording purposes only)

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Chapter 713, Florida Statutes , the following information is provided in this Notice of Commencement.

1. Description of Property: (legal description of the property, and street address if available)
   9260 SW TUSTENUGGEE Avenue
   Lake City,FL 32024
   SEE ATTACHED "EXHIBIT A"
   FOR LEGAL DESCRIPTION

2. General Description of Improvements: Construction of single family dwelling

3. Owner Information:
   a. Name and Address: BARBARA LEE BAUMAN
   220 SPORTSMAN ROAD
   ROTONDA WEST, FL 33947
   EDWARD C BAUMAN
   b. Interest in property: FEE SIMPLE
   c. Name and address of fee Simple titleholder (if other than owner):

4. Contractor: ROYAL HOMES

5. Surety:
   a. Name and address:
   b. Amount of bond $ _____

6. Lender Information:
   a. Name and Address: SunTrust Mortgage Inc.
   76 South Laura Street, Jacksonville, FL 32202
   b. Designated Contact: RESIDENTIAL CONSTRUCTION DEPARTMENT

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a) 7., : Florida Statutes :
(name and address)

8. In addition to himself, Owner designates RESIDENTIAL CONSTRUCTION DEPARTMENT of SunTrust Mortgage Inc., A Virginia Corporation to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes

9. Expiration date of Notice of Commencement (the expiration date is eighteen months from the date of recording unless a different date is specified). Other expiration date: _____

Barbara Lee Bauman
Signature of Owner BARBARA LEE BAUMAN

Edward C. Bauman
Signature of Owner EDWARD C BAUMAN

Signature of Owner

Signature of Owner

STATE OF
COUNTY OF

The forgoing instrument was acknowledged before me this _____, by the Owner who is personally known to me or who produced _____ as identification.

[Seal]
Serial Number:

Notary Public State of Florida
Matthew Rocco
My Commission DD578349
Expires 09/17/2010

Notary Public

MW-FLA NOTICE COMMENCEMENT
CFM #600756 (05/02)

Prepared by:
Elaine R. Davis / Kim Albritton
American Title Services of Lake City, Inc.
321 SW Main Boulevard, Suite 105
Lake City, Florida 32025

File Number: 06-460

Inst:2006015645 Date:06/28/2006 Time:14:11
Doc Stamp-Deed : 210.00
DC,P.DeWitt Cason,Columbia County B:1088 P:894

Warranty Deed

Made this June 22 2006 A.D.

By **Donald Eugene Blanchett**, 2812 Henley Road, Suite D, Green Cove Springs, FL. 32043, hereinafter called the grantor,

to **Barbara Lee Bauman**, whose post office address is: 220 Sportsman Road, Rotonda West, Fl. 33947, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, ($10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

Lot 10, of New Hope Estates, Unit 1, a Subdivision, according to the Plat thereof, as recorded in Plat Book 5, at Page 79, of the Public Records of Columbia County, Florida

Said property is not the homestead of the Grantor(s) under the laws and constitution of the State of Florida in that neither Grantor(s) or any members of the household of Grantor(s) reside thereon.

Parcel ID Number: **09465-110**

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2005.

Prepared by:
Elaine R. Davis / Kim Albritton
American Title Services of Lake City, Inc.
321 SW Main Boulevard, Suite 105
Lake City, Florida 32025

File Number: 06-460

Inst:2006015645 Date:06/28/2006 Time:14:11
Doc Stamp-Deed : 210.00
DC,P.DeWitt Cason,Columbia County B:1088 P:895

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Witness Printed Name Nicholas K. Burke

Donald Eugene Blanchett (Seal)
Donald Eugene Blanchett
Address: 2812 Henley Road, Suite D, Green Cove Springs, FL. 32043

Witness Printed Name Deborah L. Pagan

State of Florida
County of

The foregoing instrument was acknowledged before me this 23 day of June, 2006, by Donald Eugene Blanchett, who is/are personally known to me or who has produced _____ as identification.

Notary Public
Print Name: Deborah Pagan
My Commission Expires: 7-24-07

Deborah Pagan
MY COMMISSION # DD229973 EXPIRES
July 24, 2007
BONDED THRU TROY FAIN INSURANCE, INC

Columbia County Building Permit Application

For Office Use Only Application # 0611-26 Date Received 11/9 By JW Permit # 25235

Application Approved by - Zoning Official BLK Date 11.11.06 Plans Examiner OK JTH Date 11-14-06

Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3

Comments Section 2.3.1 Legal Non-conforming Lot of Record

☐ NOC ☐ EH ☑ Deed or PA ☐ Site Plan ☑ State Road Info ☑ Parent Parcel # ☐ Development Permit

Name Authorized Person Signing Permit Kevin Bedenbaugh Fax 386-755-2422 Phone 386-365-5264

Address P.O. Bx 1416 Live Oak FL 32064

Owners Name BARBARA L. & EDWARD C. BAUMAN Phone 941-662-0201

911 Address ~~220~~ 9260 SW SPORTSMAN ROAD Tustenugee Ave. LC. 32024 ROTONDA WEST, FL ~~33947~~

Contractors Name Kevin Bedenbaugh Phone 386-792-4061

Address P.O. Bx 1416 Live Oak FL. 32064

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address HWC 1627 South Myrtle Ave. Clearwater, FL 33756

Mortgage Lenders Name & Address Suntrust Mortage Inc, 76 South Laura St, Jacksonville, FL 32202

Circle the correct power company - FL Power & Light - (Clay Elec.) - Suwannee Valley Elec. - Progressive Energy

Property ID Number 09465-110 / 3S-17-09465-110 Estimated Cost of Construction 139,000

Subdivision Name New Hope Estates Lot 10 Block ___ Unit 1 Phase ___

Driving Directions 41 S to CR 131 Turn Right, go 11 miles, 1 mile past CR 349 on Right 9260 SW Tustenugee Ave. Lake City, FL 32024

Type of Construction ..., Modular Number of Existing Dwellings on Property 0

Total Acreage 1 Lot Size ___ Do you need a - Culvert Permit or Culvert Waiver or (Existing Drive)

Actual Distance of Structure from Property Lines - Front 60 Side 90 Side 40 Rear 115

Total Building Height 20' Number of Stories 1 Heated Floor Area 2040 TOTAL → 2006 Per Kevin Bedenbaugh Roof Pitch 5/12

2840 -

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

Owner Builder or Authorized Person by Notarized Letter

Kevin Bedenbaugh
Contractor Signature
Contractors License Number RB 0066597
Competency Card Number 5590

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY PUBLIC STATE OF FLORIDA DANNY W. HERRING MY COMMISSION #DD238154 EXPIRES: AUG 04, 2007 Bonded through Advantage Notary

Sworn to (or affirmed) and subscribed before me this 9th day of November 2006.

Personally known X or Produced Identification ___

Danny W. Herring
Notary Signature

(Revised Sept. 2006)

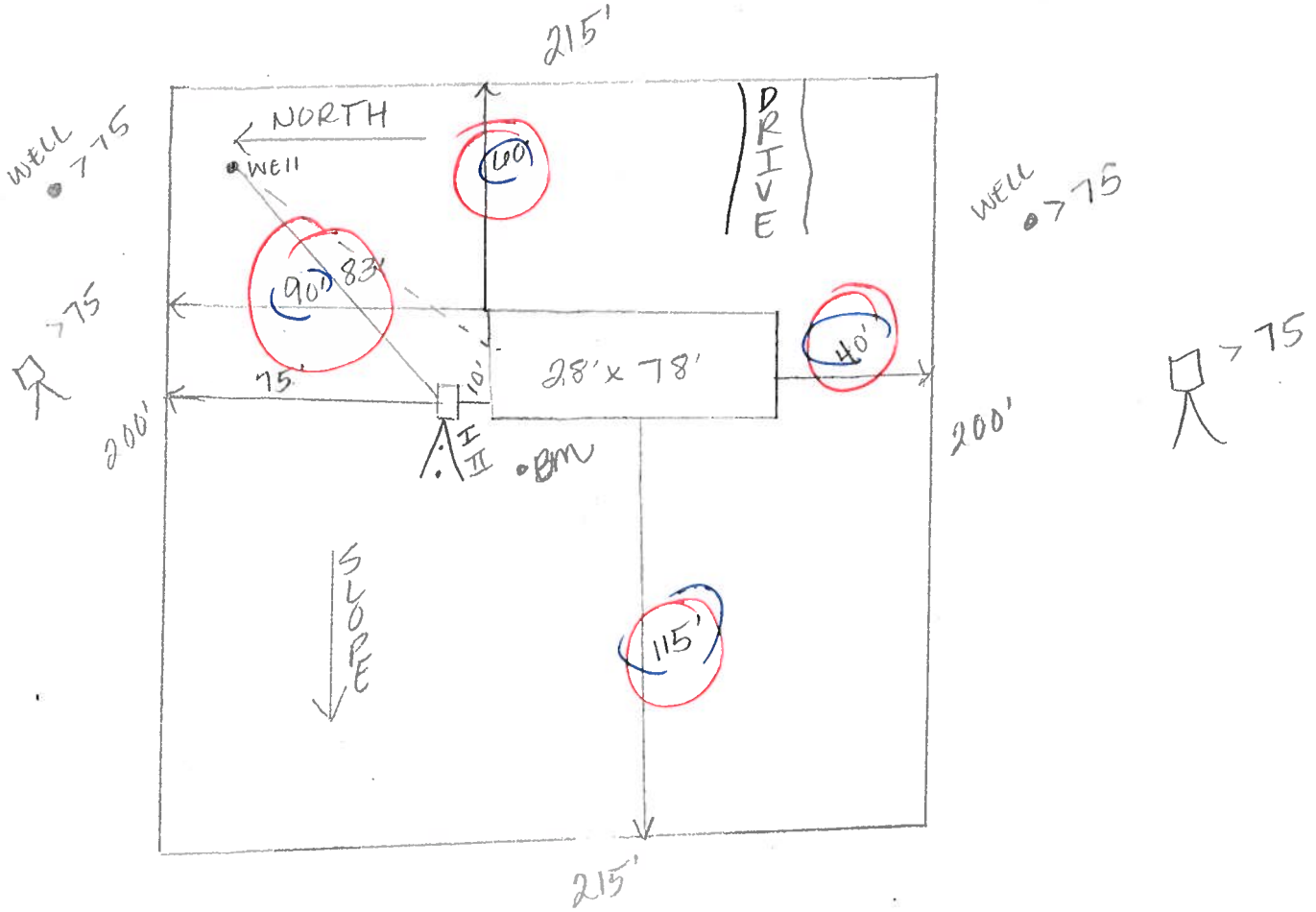
Tyl advised [illegible] W/ Kevin

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 06-0958~~EZ~~

---------- PART II - SITEPLAN ----------

Scale: 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Rock [illegible] MASTER CONTRACTOR

Plan Approved X Not Approved ____ Date OCT 2 6 2006

By Sallie Gaddy EHS Columbia CHD County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

DH 4015, 10/96 (Replaces HRS-H Form 4016 which may be used)
(Stock Number: 5744-002-4015-6)

NEW HOPE Ltd
BARBARA BAUMAN

Gaylord Pump & Irrigation Inc.

P.O. Box 548
Branford, Fl. 32008
386-935-0932 Fax 386-935-0778

11/09/06

We will be drilling a well for Barbara Lee Bauman. The property ID number is 31-5S-17-09465-110.The following equipment will be used.

4" Steel Casing
1 Hp Submersible pump
1-1/4" Galvanize drop pipe
81Gallon diaphragm tank with 24.9 gallons of draw down

This equipment meets or exceeds the Florida building code, plumbing section 612 table 612.1

Sincerely,

Donald Gaylord
Donald Gaylord

Licensed Well Driller
Florida License 2630

FORM 600A-2004 EnergyGauge® 4.21

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	1447-5146 F	Builder:	HORTON
Address:		Permitting Office:	Columbia
City, State:	, FL	Permit Number:	25235
Owner:	HORTON HOMES	Jurisdiction Number:	221000
Climate Zone:	South		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes		
6. Conditioned floor area (ft²)	2006 ft²	c. N/A	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor: Description Area		13. Heating systems	
(or Single or Double DEFAULT) 7a.	(Dble, U=0.4) 80.0 ft²	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
b. SHGC:			HSPF: 7.00
(or Clear or Tint DEFAULT) 7b.	(Clear) 303.7 ft²	b. N/A	
8. Floor types			
a. Raised Wood, Stem Wall	R=22.0, 2006.0ft²	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 50.0 gallons
a. Frame, Wood, Exterior	R=15.0, 1478.0 ft²		EF: 0.90
b. N/A		b. N/A	
c. N/A			
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar DHP-Dedicated heat pump)	
10. Ceiling types		15. HVAC credits	MZ-C, MZ-H
a. Under Attic	R=38.0, 2006.0 ft²	(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH(Sealed):Outdoors	Sup. R=6.0, 185.0 ft		
b. N/A			

Glass/Floor Area: 0.15	Total as-built points: 27607 Total base points: 31098	PASS

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

PREPARED BY: _____

DATE: _____ APPROVED OCT 14 2006

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

OWNER/AGENT: _____

DATE: _____

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.

Date _____ Plan No. _____

BUILDING OFFICIAL: Approved By SCOTT S. FRANCIS

DATE: _____

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

SEE MANUFACTURER'S CONTRACT WITH FLORIDA DCA

Modular Building Plans Exam

Summary Energy Code Results

Residential Whole Building Performance Method A

HORTON HOMES

, FL

Project Title:
1447-5146 F

Class 3 Rating
Registration No. 0
Climate: South

10/13/2006

Building Loads			
Base		As-Built	
Summer:	**54958 points**	Summer:	**65602 points**
Winter:	**1330 points**	Winter:	**1080 points**
Hot Water:	**6273 points**	Hot Water:	**6273 points**
Total:	**62561 points**	Total:	**72956 points**

Energy Use			
Base		As-Built	
Cooling:	**23445 points**	Cooling:	**19996 points**
Heating:	**834 points**	Heating:	**641 points**
Hot Water:	**6819 points**	Hot Water:	**6971 points**
Total:	**31098 points**	Total:	**27607 points**

PASS
e-Ratio: 0.89

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL, PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	2006.0	32.50	11735.1	Double,U=0.51,Clear	W	1.0	7.0	30.0	63.84	0.98	1882.5	
				Double,U=0.51,Clear	E	1.0	7.0	60.0	70.70	0.98	4165.1	
				Double,U=0.51,Clear	E	1.0	4.3	15.0	70.70	0.93	983.4	
				Double,U=0.51,Clear	S	1.0	6.3	15.0	60.65	0.96	876.3	
				Double,U=0.50,Clear	E	1.0	9.0	35.0	70.78	0.99	2460.7	
				Double,U=0.38,Clear	S	0.0	0.0	15.0	61.75	1.00	926.3	
				Double,U=0.38,Clear	E	1.0	9.0	80.0	71.79	0.99	5704.5	
				Double,U=0.38,Clear	W	1.0	7.0	41.4	64.97	0.98	2643.7	
				Double,U=0.38,Clear	W	1.0	7.0	12.3	64.97	0.98	785.4	
				As-Built Total:				**303.7**			**20427.9**	

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Exterior	1478.0	2.70	3990.6	Frame, Wood, Exterior	15.0	1478.0	2.13	3153.1
Adjacent	0.0	0.00	0.0					
Base Total:	**1478.0**		**3990.6**	**As-Built Total:**		**1478.0**		**3153.1**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Exterior	40.0	6.40	256.0	Exterior Insulated	40.0	6.40	256.0
Adjacent	0.0	0.00	0.0				
Base Total:	**40.0**		**256.0**	**As-Built Total:**	**40.0**		**256.0**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	2006.0	2.80	5616.8	Under Attic	38.0	2006.0	2.43 X 1.00	4874.6
Base Total:	**2006.0**		**5616.8**	**As-Built Total:**		**2006.0**		**4874.6**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall	22.0	2006.0	-0.40	-802.4
Raised	2006.0	-2.16	-4333.0					
Base Total:			**-4333.0**	**As-Built Total:**		**2006.0**		**-802.4**

INFILTRATION	Area X	BSPM	= Points	Area X	SPM	= Points
	2006.0	18.79	37692.7	2006.0	18.79	37692.7

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,	PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 54958.3				**Summer As-Built Points:**						**65601.8**
Total Summer Points	X System Multiplier	= Cooling Points		Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points	
				(sys 1: Central Unit 36000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Out(AH),R6.0(INS)						
				65602	1.00	(1.07 x 1.165 x 0.98)	0.262	0.950	19995.7	
54958.3	**0.4266**	**23445.2**		**65601.8**	**1.00**	**1.223**	**0.262**	**0.950**	**19995.7**	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL, PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	2006.0	2.36	852.1	Double,U=0.51,Clear	W	1.0	7.0	30.0	2.25	1.00	67.4	
				Double,U=0.51,Clear	E	1.0	7.0	60.0	1.58	1.01	96.1	
				Double,U=0.51,Clear	E	1.0	4.3	15.0	1.58	1.02	24.2	
				Double,U=0.51,Clear	S	1.0	6.3	15.0	1.42	1.00	21.3	
				Double,U=0.50,Clear	E	1.0	9.0	35.0	1.53	1.01	54.1	
				Double,U=0.38,Clear	S	0.0	0.0	15.0	0.73	1.00	11.0	
				Double,U=0.38,Clear	E	1.0	9.0	80.0	0.90	1.01	72.6	
				Double,U=0.38,Clear	W	1.0	7.0	41.4	1.55	1.00	64.0	
				Double,U=0.38,Clear	W	1.0	7.0	12.3	1.55	1.00	19.0	
				As-Built Total:				**303.7**			**429.8**	

WALL TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Exterior	1478.0	0.60	886.8	Frame, Wood, Exterior	15.0	1478.0	0.50	739.0
Adjacent	0.0	0.00	0.0					
Base Total:	**1478.0**		**886.8**	**As-Built Total:**		**1478.0**		**739.0**

DOOR TYPES	Area X	BWPM	= Points	Type	Area X	WPM	= Points
Exterior	40.0	1.80	72.0	Exterior Insulated	40.0	1.80	72.0
Adjacent	0.0	0.00	0.0				
Base Total:	**40.0**		**72.0**	**As-Built Total:**	**40.0**		**72.0**

CEILING TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM X	WCM =	Points
Under Attic	2006.0	0.10	200.6	Under Attic	38.0	2006.0	0.08 X	1.00	160.5
Base Total:	**2006.0**		**200.6**	**As-Built Total:**		**2006.0**			**160.5**

FLOOR TYPES	Area X	BWPM	= Points	Type	R-Value	Area X	WPM	= Points
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall	22.0	2006.0	-0.10	-200.6
Raised	2006.0	-0.28	-561.7					
Base Total:			**-561.7**	**As-Built Total:**		**2006.0**		**-200.6**

INFILTRATION	Area X	BWPM	= Points	Area X	WPM	= Points
	2006.0	-0.06	-120.4	2006.0	-0.06	-120.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,	PERMIT #:

BASE			AS-BUILT					
Winter Base Points:		**1329.5**	**Winter As-Built Points:**					**1080.3**
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
			(sys 1: Electric Heat Pump 36000 btuh ,EFF(7.0) Ducts:Unc(S),Unc(R),Out(AH),R6.0					
			1080.3	1.000	(1.099 x 1.137 x 1.03)	0.487	0.950	640.9
1329.5	**0.6274**	**834.1**	**1080.3**	**1.00**	**1.282**	**0.487**	**0.950**	**640.9**

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,	PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3		2273.00	6819.0	50.0	0.90	3	1.00	2323.51	1.00	6970.5	
				As-Built Total:						**6970.5**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
23445	**834**	**6819**	**31098**	**19996**	**641**	**6971**	**27607**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , 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 cfm/sq.ft. window area; .5 cfm/sq.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 sole 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 joint 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 reqts	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 612.1.ABC.3.2. Switch or clearly marked cir 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 timer. Gas spa & 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 attics: 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-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.9

The higher the score, the more efficient the home.

HORTON HOMES, , , FL,

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family		a.	Central Unit	Cap: 36.0 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 13.00
4.	Number of Bedrooms	3		b.	N/A	
5.	Is this a worst case?	Yes				
6.	Conditioned floor area (ft²)	2006 ft²		c.	N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
a.	U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT) 7a.	(Dble, U=0.4) 80.0 ft²		a.	Electric Heat Pump	Cap: 36.0 kBtu/hr
b.	SHGC:					HSPF: 7.00
	(or Clear or Tint DEFAULT) 7b.	(Clear) 303.7 ft²		b.	N/A	
8.	Floor types					
a.	Raised Wood, Stem Wall	R=22.0, 2006.0ft²		c.	N/A	
b.	N/A					
c.	N/A			14.	Hot water systems	
9.	Wall types			a.	Electric Resistance	Cap: 50.0 gallons
a.	Frame, Wood, Exterior	R=15.0, 1478.0 ft²				EF: 0.90
b.	N/A			b.	N/A	
c.	N/A					
d.	N/A			c.	Conservation credits	
e.	N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
a.	Under Attic	R=38.0, 2006.0 ft²		15.	HVAC credits	MZ-C, MZ-H
b.	N/A				(CF-Ceiling fan, CV-Cross ventilation,	
c.	N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Unc. AH(Sealed):OutdoorsSup.	R=6.0, 185.0 ft			MZ-C-Multizone cooling,	
b.	N/A				MZ-H-Multizone heating)	

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

FORM 600A-2004 EnergyGauge® 4.21

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs

Residential Whole Building Performance Method A

Project Name:	**1447-5146 F**	Builder:	**HORTON**
Address:		Permitting Office:	
City, State:	**, FL**	Permit Number:	
Owner:	**HORTON HOMES**	Jurisdiction Number:	
Climate Zone:	**Central**		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes		
6. Conditioned floor area (ft²)	2006 ft²	c. N/A	
7. Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)			
a. U-factor:	Description Area	13. Heating systems	
(or Single or Double DEFAULT)	7a. (Dble, U=0.4) 80.0 ft²	a. Electric Heat Pump	Cap: 36.0 kBtu/hr
b. SHGC:			HSPF: 7.00
(or Clear or Tint DEFAULT)	7b. (Clear) 303.7 ft²	b. N/A	
8. Floor types			
a. Raised Wood, Stem Wall	R=22.0, 2006.0ft²	c. N/A	
b. N/A			
c. N/A		14. Hot water systems	
9. Wall types		a. Electric Resistance	Cap: 50.0 gallons
a. Frame, Wood, Exterior	R=15.0, 1478.0 ft²		EF: 0.90
b. N/A		b. N/A	
c. N/A			
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar DHP-Dedicated heat pump)	
10. Ceiling types		15. HVAC credits	MZ-C, MZ-H
a. Under Attic	R=38.0, 2006.0 ft²	(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH(Sealed):Outdoors	Sup. R=6.0, 185.0 ft		
b. N/A			

Glass/Floor Area: 0.15	Total as-built points: 24713 Total base points: 27276	PASS

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

PREPARED BY: _____

DATE: APPROVED OCT 11 2006

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

OWNER/AGENT: _____

DATE: _____

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.

Date _____

BUILDING OFFICIAL: Approved By SCOTT S. FRANCIS

DATE: _____

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

SEE MANUFACTURER'S CONTRACT WITH FLORIDA DCA

Modular Building Plans Ex
Florida License No. 8

Summary Energy Code Results

Residential Whole Building Performance Method A

HORTON HOMES

, FL

Project Title:
1447-5146 F

Class 3 Rating
Registration No. 0
Climate: Central

10/13/2006

Building Loads			
Base		As-Built	
Summer:	**38407 points**	Summer:	**47503 points**
Winter:	**5597 points**	Winter:	**4720 points**
Hot Water:	**6790 points**	Hot Water:	**6790 points**
Total:	**50793 points**	Total:	**59012 points**

Energy Use			
Base		As-Built	
Cooling:	**16384 points**	Cooling:	**14338 points**
Heating:	**3511 points**	Heating:	**2831 points**
Hot Water:	**7380 points**	Hot Water:	**7544 points**
Total:	**27276 points**	Total:	**24713 points**

PASS
e-Ratio: 0.91

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL, PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BSPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	SPM X	SOF	= Points	
.18	2006.0	25.78	9308.6	Double,U=0.51,Clear	W	1.0	7.0	30.0	51.80	0.98	1526.2	
				Double,U=0.51,Clear	E	1.0	7.0	60.0	57.20	0.98	3370.4	
				Double,U=0.51,Clear	E	1.0	4.3	15.0	57.20	0.93	794.9	
				Double,U=0.51,Clear	S	1.0	6.3	15.0	43.52	0.95	623.2	
				Double,U=0.50,Clear	E	1.0	9.0	35.0	57.26	0.99	1991.2	
				Double,U=0.38,Clear	S	0.0	0.0	15.0	44.35	1.00	665.2	
				Double,U=0.38,Clear	E	1.0	9.0	80.0	58.00	0.99	4610.1	
				Double,U=0.38,Clear	W	1.0	7.0	41.4	52.63	0.98	2139.7	
				Double,U=0.38,Clear	W	1.0	7.0	12.3	52.63	0.98	635.7	
				As-Built Total:				**303.7**			**16356.7**	

WALL TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Exterior	1478.0	1.90	2808.2	Frame, Wood, Exterior	15.0	1478.0	1.47	2167.7
Adjacent	0.0	0.00	0.0					
Base Total:	**1478.0**		**2808.2**	**As-Built Total:**		**1478.0**		**2167.7**

DOOR TYPES	Area X	BSPM	= Points	Type	Area X	SPM	= Points
Exterior	40.0	4.80	192.0	Exterior Insulated	40.0	4.80	192.0
Adjacent	0.0	0.00	0.0				
Base Total:	**40.0**		**192.0**	**As-Built Total:**	**40.0**		**192.0**

CEILING TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM X SCM	= Points
Under Attic	2006.0	2.13	4272.8	Under Attic	38.0	2006.0	1.84 X 1.00	3691.0
Base Total:	**2006.0**		**4272.8**	**As-Built Total:**		**2006.0**		**3691.0**

FLOOR TYPES	Area X	BSPM	= Points	Type	R-Value	Area X	SPM	= Points
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall	22.0	2006.0	-1.80	-3610.8
Raised	2006.0	-3.43	-6880.6					
Base Total:			**-6880.6**	**As-Built Total:**		**2006.0**		**-3610.8**

INFILTRATION	Area X	BSPM	= Points	Area X	SPM	= Points
	2006.0	14.31	28705.9	2006.0	14.31	28705.9

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,	PERMIT #:

BASE			AS-BUILT					
Summer Base Points: 38406.9			**Summer As-Built Points:**					**47502.5**
Total Summer Points	X System Multiplier	= Cooling Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
			(sys 1: Central Unit 36000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Out(AH),R6.0(INS)					
			47503	1.00	(1.09 x 1.150 x 0.97)	0.262	0.950	14338.5
38406.9	**0.4266**	**16384.4**	**47502.5**	**1.00**	**1.211**	**0.262**	**0.950**	**14338.5**

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL, PERMIT #:

BASE				AS-BUILT								
GLASS TYPES .18 X Conditioned Floor Area	X BWPM	= Points		Type/SC	Overhang Ornt	Len	Hgt	Area X	WPM X	WOF	= Points	
.18	2006.0	5.86	2115.9	Double,U=0.51,Clear	W	1.0	7.0	30.0	5.07	1.00	152.3	
				Double,U=0.51,Clear	E	1.0	7.0	60.0	4.39	1.01	265.0	
				Double,U=0.51,Clear	E	1.0	4.3	15.0	4.39	1.02	66.9	
				Double,U=0.51,Clear	S	1.0	6.3	15.0	2.37	1.00	35.7	
				Double,U=0.50,Clear	E	1.0	9.0	35.0	4.25	1.00	149.4	
				Double,U=0.38,Clear	S	0.0	0.0	15.0	0.55	1.00	8.3	
				Double,U=0.38,Clear	E	1.0	9.0	80.0	2.56	1.00	205.6	
				Double,U=0.38,Clear	W	1.0	7.0	41.4	3.24	1.00	134.0	
				Double,U=0.38,Clear	W	1.0	7.0	12.3	3.24	1.00	39.8	
				As-Built Total:				**303.7**			**1057.1**	
WALL TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Exterior	1478.0	2.00	2956.0	Frame, Wood, Exterior			15.0	1478.0	1.57		2315.5	
Adjacent	0.0	0.00	0.0									
Base Total:	**1478.0**		**2956.0**	**As-Built Total:**				**1478.0**			**2315.5**	
DOOR TYPES	Area X	BWPM =	Points	Type				Area X	WPM =		Points	
Exterior	40.0	5.10	204.0	Exterior Insulated				40.0	5.10		204.0	
Adjacent	0.0	0.00	0.0									
Base Total:	**40.0**		**204.0**	**As-Built Total:**				**40.0**			**204.0**	
CEILING TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM X WCM =		Points	
Under Attic	2006.0	0.64	1283.8	Under Attic			38.0	2006.0	0.55 X 1.00		1103.3	
Base Total:	**2006.0**		**1283.8**	**As-Built Total:**				**2006.0**			**1103.3**	
FLOOR TYPES	Area X	BWPM =	Points	Type			R-Value	Area X	WPM =		Points	
Slab	0.0(p)	0.0	0.0	Raised Wood, Stem Wall			22.0	2006.0	0.30		601.8	
Raised	2006.0	-0.20	-401.2									
Base Total:			**-401.2**	**As-Built Total:**				**2006.0**			**601.8**	
INFILTRATION	Area X	BWPM =	Points					Area X	WPM =		Points	
	2006.0	-0.28	-561.7					2006.0	-0.28		-561.7	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,	PERMIT #:

BASE				AS-BUILT						
Winter Base Points:			**5596.9**	**Winter As-Built Points:**						**4720.1**
Total Winter Points	X System Multiplier	= Heating Points		Total Component (System - Points)	X Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points	
				(sys 1: Electric Heat Pump 36000 btuh ,EFF(7.0) Ducts:Unc(S),Unc(R),Out(AH),R6.0						
				4720.1	1.000	(1.078 x 1.160 x 1.04)	0.488	0.950	2831.0	
5596.9	**0.6274**	**3511.5**		**4720.1**	**1.00**	**1.295**	**0.488**	**0.950**	**2831.0**	

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,	PERMIT #:

BASE				AS-BUILT							
WATER HEATING											
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier	= Total	
3		2460.00	7380.0	50.0	0.90	3	1.00	2514.67	1.00	7544.0	
				As-Built Total:						**7544.0**	

CODE COMPLIANCE STATUS

BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
16384	**3511**	**7380**	**27276**	**14338**	**2831**	**7544**	**24713**

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , 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 cfm/sq.ft. window area; .5 cfm/sq.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 sole 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 joint 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 reqts	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 612.1.ABC.3.2. Switch or clearly marked cir 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 timer. Gas spa & 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 attics: 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-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 85.7

The higher the score, the more efficient the home.

HORTON HOMES, , , FL,

1.	New construction or existing	New		12.	Cooling systems	
2.	Single family or multi-family	Single family		a.	Central Unit	Cap: 36.0 kBtu/hr
3.	Number of units, if multi-family	1				SEER: 13.00
4.	Number of Bedrooms	3		b.	N/A	
5.	Is this a worst case?	Yes				
6.	Conditioned floor area (ft²)	2006 ft²		c.	N/A	
7.	Glass type[1] and area: (Label reqd. by 13-104.4.5 if not default)					
a.	U-factor:	Description Area		13.	Heating systems	
	(or Single or Double DEFAULT) 7a.	(Dble, U=0.4) 80.0 ft²		a.	Electric Heat Pump	Cap: 36.0 kBtu/hr
b.	SHGC:					HSPF: 7.00
	(or Clear or Tint DEFAULT) 7b.	(Clear) 303.7 ft²		b.	N/A	
8.	Floor types					
a.	Raised Wood, Stem Wall	R=22.0, 2006.0ft²		c.	N/A	
b.	N/A					
c.	N/A			14.	Hot water systems	
9.	Wall types			a.	Electric Resistance	Cap: 50.0 gallons
a.	Frame, Wood, Exterior	R=15.0, 1478.0 ft²				EF: 0.90
b.	N/A			b.	N/A	
c.	N/A					
d.	N/A			c.	Conservation credits	
e.	N/A				(HR-Heat recovery, Solar	
10.	Ceiling types				DHP-Dedicated heat pump)	
a.	Under Attic	R=38.0, 2006.0 ft²		15.	HVAC credits	MZ-C, MZ-H
b.	N/A				(CF-Ceiling fan, CV-Cross ventilation,	
c.	N/A				HF-Whole house fan,	
11.	Ducts				PT-Programmable Thermostat,	
a.	Sup: Unc. Ret: Unc. AH(Sealed):Outdoors	Sup. R=6.0, 185.0 ft			MZ-C-Multizone cooling,	
b.	N/A				MZ-H-Multizone heating)	

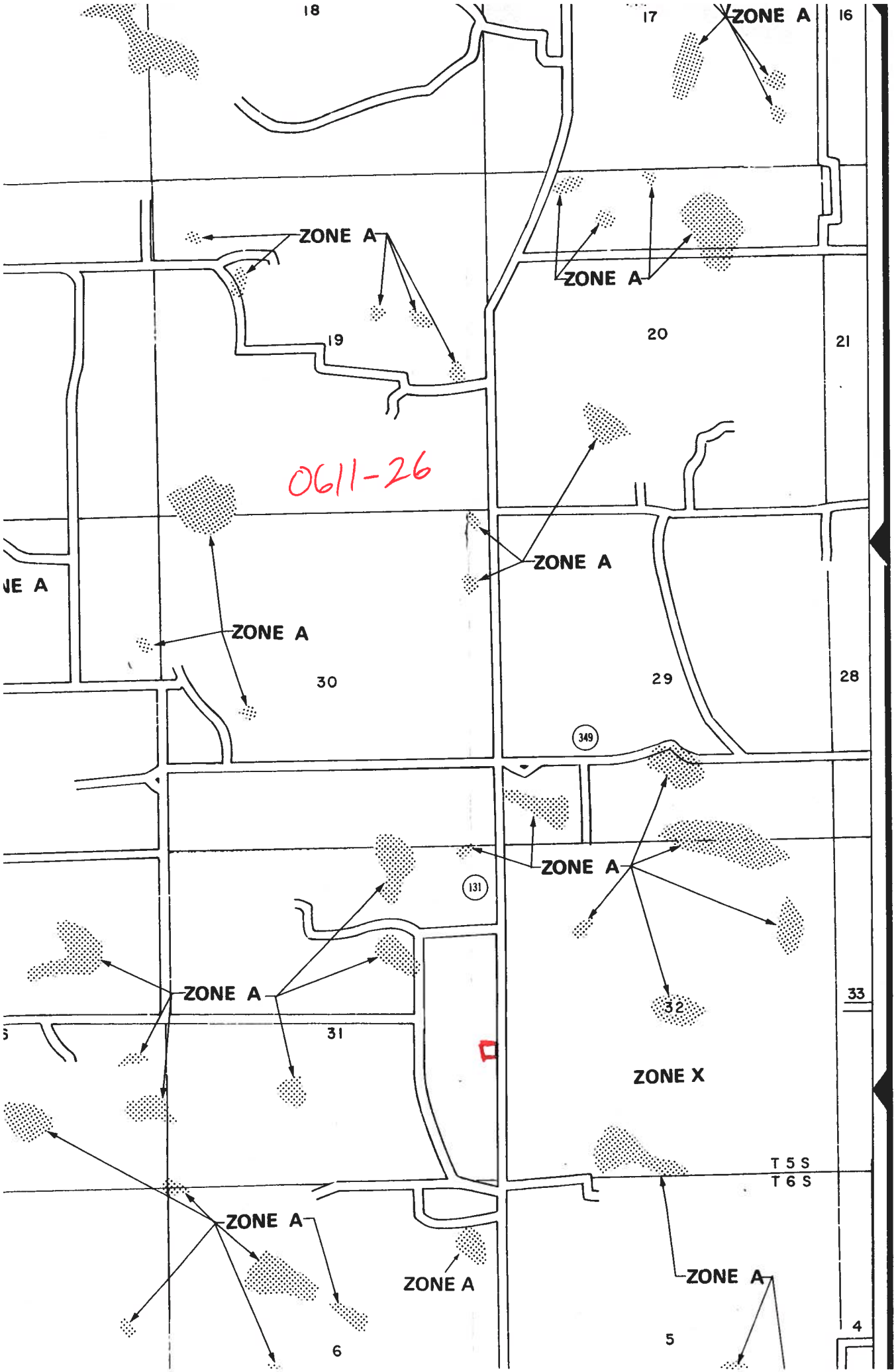
I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____

**NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at www.fsec.ucf.edu for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.


18
17
16
ZONE A
ZONE A
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5
4

CERTIFICATE OF

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 31-5S-17-09465-110 **Building permit No.** 000025235

Permit Holder KEVIN BEDENBAUGH

Owner of Building BARBARA LEE BAUMAN

Location: 9260 SW TUSTENUGGEE AVE,(NEW HOPE EST., LOT 10)

Date: 01/24/2007

Harry Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

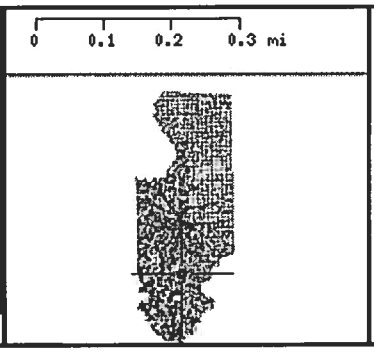
25235

Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 31-5S-17-09465-110 - VACANT (000000)

Name:	BAUMAN BARBARA LEE	LandVal	$20,000.00
Site:		BldgVal	$0.00
Mail:	220 SPORTSMAN ROAD ROTONDA WEST, FL 33947	ApprVal	$20,000.00
		JustVal	$20,000.00
Sales Info	6/22/2006 $30,000.00 V / Q	Assd	$20,000.00
	7/16/2004 $9,000.00 V / U	Exmpt	$0.00
	12/15/1995 $7,000.00 V / Q	Taxable	$20,000.00



This information, GIS Map Updated: 12/29/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

NICHOLAS
PAUL
GEISLER
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-6608

15 MARCH 2004

JOHN KERCE
COLUMBIA COUNTY BUILDING DEPARTMENT
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: HORTON HOMES MODULAR HOME FOUNDATION DESIGN PROJ. Nr. 1447-5146F
for ROYALS MOBLE HOME SALES and SERVICE, LAKE CITY, FL

DEAR MR. KERCE:

PLEASE BE ADVISED THAT IN CONSULTATION WITH MR. ROBERT E. GREGG, ARCHITECT, OF CLEARWATER, FLORIDA, WHO IS THE ARCHITECT OF RECORD FOR THE ABOVE REFERENCED PROJECT, I WILL BE ASSUMING THE RESPONSIBILITY FOR THE FOUNDATION DESIGN OF SAID PROJECT.

IN VIEW OF THIS, THE FOLLOWING CHANGES SHALL BE MADE TO THE CONSTRUCTION DOCUMENTS, NAMELY SHEET 1 OF 6, AS FOLLOWS:

1. THE CENTERLINE FOUNDATION AT THE MARRIAGE WALL SHALL BE A CONTINUOUS STRIP FOOTING 22" WIDE X 10" DEEP, REINFORCED WITH 2 #5 REBARS X CONTINUOUS, SUPPORTED ON WIRE CHAIRS IN LIEU OF THE PAD FOOTINGS SHOWN ON PAGE 11, 11A & 11B OF THE PLANS PACKAGE. THE CMU PIERS AS INDICATED ON THESE PAGES SHALL BE CONSTRUCTED AS DETAILED.

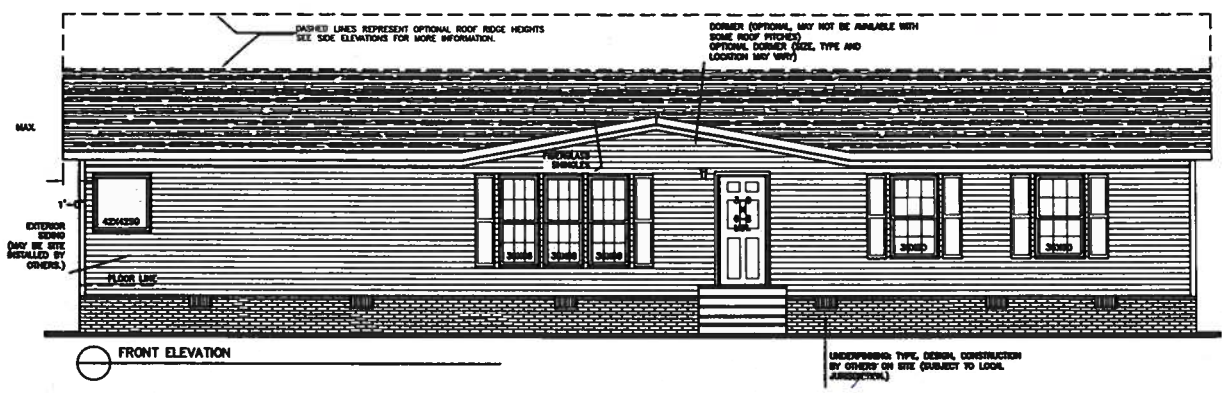
2. THE SOIL BEARING CAPASITY SHALL BE 1000 PSF IN LIEU OF THAT INDICATED IN NOTE, ON PAGE 1 OF 6 OF THE PLANS PACKAGE.

THESE CHANGES WILL RESULT IN A CALCULATED SOIL BEARING LOAD OF LESS THAN 550 PSF ALONG EACH STRIP FOOTING.

SHOULD YOU HAVE ANY QUESTION WITH THE FOREGOING, PLEASE CALL FOR ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

cc: ROBERT GREGG, ARCHITECT



THE 32X68
MC280FG(BOSS)

3 BEDROOMS, 2 ½ BATHS
2013 SQUARE FEET

STRUCTURAL DRAWING REFERENCE:
FLOORS FL-1
WALLS AND OPENINGS TO-1
CORNER BRACING AND PARTITIONS CWB-1
BEAMS AND CATHEDRAL BC-1
EXTERIOR SYSTEMS EXS-1
CROSS SECTIONS CS-2
ROOF SYSTEM RF-1
SHEAR WALL LOCATION
SHEAR WALL DESIGNATION
MINIMUM INSULATION VALUES:
ROOF: R-38
WALLS: R-15
FLOOR: R-22
EXPOSED AIR DUCT WORK: R-6
WINDOWS SHALL BE DOUBLE PANE OR STORM TYPE

ATTENTION LOCAL INSPECTIONS DEPARTMENT

SET-UP INSTRUCTIONS FOR THIS MODULAR UNIT ARE INCLUDED BY ATTACHMENT TO THESE PLANS. ANY PLANS SET WHICH DOES NOT INCLUDE AN ATTACHMENT ENTITLED "INSTALLATION INSTRUCTIONS" ARE INCOMPLETE.

THE FOLLOWING ITEMS HAVE NOT BEEN COMPLETED BY THE MANUFACTURER, HAVE NOT BEEN INSPECTED BY HWC, AND ARE NOT CERTIFIED BY THE MODULAR LABEL. NOTE THAT THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS OF WORK AND MATERIALS THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT TO LOCAL JURISDICTION APPROVAL. CODE COMPLIANCE MUST BE DETERMINED AT THE LOCAL LEVEL!

SITE INSTALLED ITEMS:

NOTE THAT THIS LIST DOES NOT NECESSARILY LIMIT THE ITEMS OF WORK AND MATERIALS THAT MAY BE REQUIRED FOR A COMPLETE INSTALLATION. ALL SITE RELATED ITEMS ARE SUBJECT TO LOCAL JURISDICTION APPROVAL.

1. THE COMPLETE FOUNDATION SUPPORT AND TIE DOWN SYSTEM.
2. RAMPS, STAIRS AND GENERAL ACCESS TO THE BUILDING.
3. PORTABLE FIRE EXTINGUISHER(S).
4. BUILDING DRAINS, CLEANOUTS, AND HOOK-UP TO PLUMBING SYSTEM.
5. ELECTRICAL SERVICE HOOK-UP (INCLUDING FEEDERS) TO THE BUILDING.
6. THE MAIN ELECTRICAL PANEL AND SUB-FEEDERS (MULTI-UNITS ONLY).
7. CONNECTION OF ELECTRICAL CIRCUITS CROSSING OVER MODULE MATING LINE(S) - (MULTI-UNITS ONLY).
8. STRUCTURAL AND AESTHETIC INTERCONNECTIONS BETWEEN MODULES (MULTI-UNITS ONLY).
9. EXTERIOR WALL FINISH AND SOFT MATERIAL
10. WINDOWS , STORM SHUTTERS.
11. BOTTOM OF FLOOR WIND PROTECTION (IF APPLICABLE)
12. AT MATELINES, FIRESTOPPING . FIRE BLOCKING AT MATELINE AND AIR INFILTRATION STOPPING SHALL BE INSTALLED BETWEEN MODULES IN ACCORDANCE WITH IRC(R602.8) & IBC.(716.2) SECTIONS 705.3 AND 2305.FIRE BLOCKING MATERIAL SHALL BE FIRE SAFING INSULATION AND / OR U/L LISTED FIRE CAULK FOR GAPS OF 1/2" WIDTH AND LESS FOR LARGER GAPS FIRE SAFING INSULATION SHALL BE SUPPORTED ON NON-COMBUSTIBLE SUPPORTS, SUCH AS METAL FLASHING.
13. CROSS-OVER DUCT (HVAC)
14. PERIMETER DUCT LAYOUT (HVAC)
15. WATER HEATER
16. SLIDING GLASSDOORS
17. PLUMBING FIXTURES
18. CABINETS

FLORIDA
STRUCTURAL LOAD LIMITATIONS:

EXPOSURE C.

FLOOR LIVE LOAD:
1. 1st Floor 40 PSF.
ROOF LIVE LOAD:
2. 20 PSF.
WIND LOAD:
1. 130 MPH — WIND SPEED.
2. Iw = 1.0 — WIND IMPORTANCE FACTOR. BUILDING CAT. II
3. C — WIND EXPOSURE CATEGORY..ENCLOSED
4. GCpi = 0.18 — INTERNAL PRESSURE COEFFICIENT.
5. D.W.P. FOR C/C — PSF

Pr = ROOF COMPONENT & CLADDING LOAD.(EA20PSF)
ZONE 1 - 32.7 PSF
ZONE 2 - 84.5 PSF
ZONE 3 - 84.5 PSF
ROOF OVERHANG (EA10)
ZONE 2 - 66.6PSF
ZONE 3 - 115.3 PSF
Pw = WALL COMPONENT & CLADDING LOAD.(EA10)
WALL : (WINDOWS, DOORS)
ZONE 4 - 40.0 PSF
ZONE 5 - 49.2 PSF

6. THIS BUILDING IS NOT DESIGNED FOR PLACEMENT ON THE UPPER HALF OF A HILL OR ESCARPMENT EXCEEDING 15 FEET IN HEIGHT.(MEAN ROOF HEIGHT NOT TO EXCEED 15 '-0"
7. FLOOD LOAD: THIS BUILDING SHALL NOT BE INSTALLED BELOW THE BASE FLOOD ELEVATION IN ANY FLOOD HAZARD AREA OR ZONE, BUT THE HOME MAY BE LOCATED IN A FLOOD HAZARD AREA OF ZONE, WHEN SET ON A FOUNDATION DESIGNED FOR USE IN THAT AREA OR ZONE. THE FOUNDATION SHALL BE DESIGNED BY AN ENGINEER REGISTERED IN THE STATE (BY OTHERS, NOT HORTON HOMES). THIS FOUNDATION SHALL BE DESIGNED AND CONSTRUCTED TO RESIST ALL LOADS THAT MAY BE EXERTED ON THE STRUCTURE; NO LOADS APPLIED TO THE FOUNDATION SHALL BE TRANSFERRED TO THE HOME.

EXPOSURE B.

8. THIS BUILDING MEETS ALL REQUIREMENTS FOR 140MPH EXPOSURE B. ADDITIONALLY, 6"X16" I-BEAMS ARE LIMITED TO AN UNTRACED HEIGHT IN THE WEAK AXIS (6" DIM.) OF 32' EXCLUSIVE OF WOOD PLATE.

CODE SUMMARY:

STATE	RESIDENTIAL	ELECTRICAL	MECHANICAL	PLUMBING	ENERGY	FIRE PREVENTION	LIFE SAFETY	FUEL	ACCESSIBILITY
FLORIDA	2004 FLORIDA RESIDENTIAL BUILDING CODE 2005 Supplement	2002 NATIONAL ELECTRICAL CODE	FMC/FGC 2004 FLORIDA MECHANICAL CODE 2005 Supplement	FPC 2004 FLORIDA PLUMBING CODE 2005 Supplement	2004 FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION	*2004 FLORIDA FIRE PREVENTION CODE 2003 NFPA 1 2005 Supplement	2003/NFPA 101 LIFE SAFETY CODE	2004 FLORIDA FUEL GAS CODE 2005 Supplement	2004 FBC CHAP 11 2004 FLORIDA ACCESSIBILITY CODE 2005 Supplement

PLAN REVIEW AND INSPECTION REQUIRED BY CHAPTER 633 F.S., TO BE HANDLED BY LOCAL FIRE SAFETY INSPECTOR.

NOTE: HVAC LOAD IS ASSUMED. IF ACTUAL HVAC LOAD EXCEEDS LOAD SHOWN THE ELECTRICAL PANEL SIZING MUST BE RE-EVALUATED BY LICENSED DESIGNER (DESIGNED BY OTHERS).

FLOORPLAN MAY BE MIRRORED

ELECTRICAL SCHEDULE

BRKR.	NO.	NOMENCLATURE	VOLTS	WIRE CU. MIN.
20	5	PORTABLE APPLIANCE	120	12/2 GFI
20	6	PORTABLE APPLIANCE	120	12/2 GFI
15	15	GENERAL LIGHTING	120	14/2
15	2,4,8	GENERAL LIGHTING	120	14/2 AFCI
15	14,16	GENERAL LIGHTING	120	14/2 AFCI
20	7	BATHROOM RECEPT'S	120	12/2 GFI
30 (2P)	1	WATER HEATER--OPTION	240	10/3
25 (2P)	1	WATER HEATER	240	12/3
20	3	WASHER	120	12/2 GFI
30 (2P)	10	DRYER	240	10/3
15	11	DISHWASHER(Opt)	120	14/2
40 (2P)	12	RANGE	240	8/3
15	18	SMOKE DETECTORS	120	14/2 AFCI
OPT	19/21	HVAC COMPRESSER	SIZED PER MFR. SPECS.	
OPT	9	FURNACE/ELECTRICAL	SIZED PER MFR. SPECS.	
OPT				
60A(2P)	19	HVAC COMPRESSOR	240	60 A (2P)
MAGR TYP	21	HVAC BLOWER	240	6/2 W/EGGR 4 - 2 SE
40 (2P)	12B	RANGE	240	8/3
20 (2P)	12A	WALL OVEN	240	12/3

200 AMP PANEL

PANEL SIZING

DESCRIPTION	KVA
FLOOR AREA (2005 SF x 3 VA.) / 1000 =	6.0 KVA
(2) SMALL APPLIANCES AT 1500 VA. / 1000 =	3.0 KVA
RANGE AT 8.0 KW.(NAMEPLATE) =	8 KVA
WATER HEATER AT 5.5 KW. =	5.5 KVA
DISHWASHER AT 1.4 KW. = (Opt)	1.4 KVA
WASHER AT 1500 VA. / 1000 =	1.5 KVA
DRYER AT 5.0 KW. =	5.0 KVA
	KVA
COOKTOP AT 8.0 KW.(NAMEPLATE) =	8.0 KVA
OVEN AT 3.4 KW.(NAMEPLATE) =	3.4 KVA
	KVA
	KVA
TOTAL LOAD	33.8 KVA
FIRST 10 KVA AT 100%	10.0 KVA
REMAINDER AT 40%	9.5 KVA
HVAC AT 100%	15.8 KVA
TOTAL 35.3	
TOTAL ÷ 240 x 1000 =147.1	
INSTALL 200 MIN AMP PANEL. 120/240 V., 1Φ	

OPTIONS
OPTIONAL ITEMS WHICH MAY BE ADDED TO THE FLOORPLAN.

- WINDOWS-45 SQ.FT.
- PATIO DOOR (SLIDING OR HINGED)-40 SQ.FT. GLAZED AREA PATIO DOOR MAY REPLACE WINDOWS OR DOOR PATIO DOOR MAY INSTALLED IN ADDITION
- EXTERIOR DOOR
- UTILITY SINKS.
- LINEN CABINETS
- EXTRA RECEPTACLES
- RECESSED FLOURESCENT LIGHTS
- RECESSED CAN LIGHTS
- CEILING FANS
- SKYLIGHTS
- SEE-THRUS (INTERIOR)(NON SHEARWALLS ONLY)
- PLAN MAY BE MIRRORED
- FIREPLACE
- 2X6 EXTERIOR WALLS

ITEMS LISTED BELOW MAY BE OMITTED AND INSTALLED ON SITE BY OTHERS SUBJECT TO LOCAL JURISDICTION AND INSPECTION

- WINDOWS
- PATIO DOOR (SLIDING OR HINGED)
- EXTERIOR DOOR
- PLUMBING FIXTURES
- DUCT SYSTEMS
- R/A SYSTEMS
- BATH CABINETS (TYPICAL LAYOUT ON FLOORPLAN)
- KITCHEN CABINETS (TYPICAL LAYOUT ON FLOORPLAN)
- COUNTERTOPS (BATH AND OR KITCHEN)
- APPLIANCES
- EXTERIOR SIDINGS
- INTERIOR DOORS
- FIREPLACE

GENERAL NOTES: -FBC

2004 FLORIDA RESIDENTIAL BUILDING CODE 2005 Supplement

1. ALL GLAZING WITHIN 24 INCH ARC OF DOORS, WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR, AND ALL GLAZING IN DOORS SHALL BE SAFETY, TEMPERED OR ACRYLIC PLASTIC SHEET.
2. FLOOR DESIGN LIVE LOAD - 40 PSF.
3. MAXIMUM WIND SPEED - 130 MPH. ∘
4. OCCUPANCY IS RESIDENTIAL. (R-3)
5. OCCUPANT LOAD IS BASED ON 1 PERSON PER 200 SQUARE FEET OF FLOOR AREA.
6. CONSTRUCTION IS TYPE VB, UNPROTECTED.
7. MINIMUM CORRIDOR WIDTH IS 36 INCHES.
8. WINDOWS , GLASS, DOORS, SHALL COMPLY WITH AAMA / NWWDA 101 / I.S.2.
9. ALL MATERIALS USE IN THIS CONSTRUCTION OF THE BUILDING WHICH ARE COVERED BY THE FLORIDA BUILDING COMMISSION CHAPTER 9B-72 RULES SHALL HAVE CURRENT FLORIDA PRODUCT APPROVAL.

ELECTRICAL NOTES: NEC

2002 NATIONAL ELECTRICAL CODE

1. ALL CIRCUITS AND EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH THE APPROPRIATE ARTICLES OF THE NATIONAL ELECTRICAL CODE (NEC).
2. WHEN LIGHT FIXTURES ARE INSTALLED IN CLOSETS THEY SHALL BE SURFACE MOUNTED OR RECESSED. INCANDESCENT FIXTURES SHALL HAVE COMPLETELY ENCLOSED LAMPS. SURFACE MOUNTED INCANDESCENT FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 12 INCHES AND ALL OTHER FIXTURES SHALL HAVE A MINIMUM CLEARANCE OF 6 INCHES 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 THE 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 WITH READILY ACCESSIBLE DISCONNECTS ADJACENT TO THE EQUIPMENT SERVED. A UNIT SWITCH WITH A MARKED "OFF" POSITION THAT IS A PART OF THE HVAC EQUIPMENT AND DISCONNECTS ALL UNGROUNDED CONDUCTORS SHALL BE PERMITTED AS THE DISCONNECTING MEANS WHERE OTHER 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. ALL CIRCUITS CROSSING OVER MODULE MATING LINE(S) SHALL BE SITE CONNECTED WITH APPROVED ACCESSIBLE JUNCTION BOXES, OR CABLE CONNECTORS.
8. ALL OUTLETS LOCATED WITHIN 6 FEET OF A SINK OR BASIN SHALL BE EQUIPPED WITH GFCI PROTECTION.
9. SMOKE DETECTORS SHALL BE WIRED SO THAT THE OPERATION OF ANY ONE SMOKE DETECTOR WILL CAUSE SIMULTANEOUS ACTIVATION OF ALL OTHERS.
10. ALL RECEPTACLES INSTALLED IN WET LOCATIONS (EXTERIOR) SHALL BE IN WEATHER PROOF (WP) ENCLOSURES, THE INTEGRITY OF WHICH IS NOT AFFECTED WHEN AN ATTACHMENT PLUG CAP IS INSERTED OR REMOVED.
11. ALL BRANCH CIRCUITS SUPPLYING 15 AND 20 AMPERE OUTLETS IN BEDROOM ARE PROTECTED BY AN ARC- FAULT CIRCUIT INTERRUPTER IN ACCORDANCE WITH SECTION 210.12,2002 NEC.

PLUMBING NOTES: - FPC

FPC 2004 FLORIDA PLUMBING CODE 2005 Supplement

1. ALL PLUMBING FIXTURES SHALL HAVE SEPARATE SHUT-OFF VALVES.
2. WATER HEATER SHALL HAVE SAFETY PAN WITH 1 INCH DRAIN TO EXTERIOR, T & P RELIEF VALVE WITH DRAIN TO EXTERIOR, AND A SHUT OFF VALVE WITHIN 3 FEET ON A COLD WATER SUPPLY LINE.
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 AN INSULATION OF R-6.5 MINIMUM.
4. DWV SYSTEM SHALL BE EITHER ABS OR PVC - DWV.
5. WATER SUPPLY LINES SHALL BE POLYBUTYLENE, CPVC, OR COPPER; WHEN POLY-BUTYLENE SUPPLY LINES ARE INSTALLED THE MAXIMUM WATER HEATER TEMPERATURE SETTING IS 180° F. THE POLYBUTYLENE PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS LIMITATIONS AND INSTRUCTIONS.
6. BUILDING DRAIN AND CLEANOUTS ARE DESIGNED AND SITE INSTALLED BY OTHERS, SUBJECT TO LOCAL JURISDICTION APPROVAL.
7. TUB ACCESS PROVIDED UNDER HOME, UNLESS OTHERWISE NOTED.
8. SHOWER STALLS SHALL BE COVERED WITH NON-ABSORBENT MATERIAL TO A HEIGHT OF 72 INCHES ABOVE FINISH FLOOR.
9. THERMAL EXPANSION DIVICE IF REQUIRD BY THE WATER HEATER MANUFACTURER IS DEIGNED & SITE INSTALLED BY OTHERS.
10. A WATER HAMMER ARRESTOR SHALL BE INSTALLED WHERE QUICK-CLOSING VALVES ARE UTILIZED, UNLESS OTHERWISE APPROVED. WATER HAMMER ARRESTORS SHALL BE INSTALLE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

MECHANICAL NOTES: FMC/FGC

FMC/FGC 2004 FLORIDA MECHANICAL CODE 2005 Supplement

1. ALL SUPPLY AIR REGISTERS ARE ADJUSTABLE, EXCEPT WHERE OTHERWISE SPECIFIED.
2. INTERIOR DOORS SHALL BE UNDERCUT 1.5 INCHES ABOVE FINISHED FLOOR FOR AIR RETURN AND/OR AS NOTED ON FLOOR PLAN. PRESSURE DIFFENTIAL ACROSS CLOSED DOORS SHALL BE LIMITED TO .01 INCH WX (2.5 PASCALS) OR LESS.
3. RESTROOM VENT FANS SHALL PROVIDE 50 CFM MINIMUM OF VENTILATION.
4. VENT FANS SHALL BE DUCTED TO THE EXTERIOR AND TERMINATE AT AN APPROVED VENT CAP.
5. HVAC EQUIPMENT SHALL BE EQUIPPED WITH OUTSIDE FRESH AIR INTAKES TO PROVIDE 20 CFM PER PERSON.

NOTE:
COMPLETION OF THIS BUILDING TO BE IN COMPLIANCE WITH ALL STATE AND LOCAL DESIGN CODES. ALL WORK TO BE COMPLETED BY A LICENSED CONTRACTOR AND INSPECTED BY A LOCAL BUILDING OFFICIAL.

NOTE:
"STRUCTURE HAS BEEN DESIGNED FOR INSTALLATION ON SITE - BUILT PERMANENT FOUNDATION AND IS NOT INTENDED TO BE MOVED , ONCE SO INSTALLED."

ROBERT E. GREGG
REGISTERED ARCHITECT
630 WESTNUT STREET
CLEARWATER, FL. 33755
Ph. 727-791-8942
drgfreg@aol.com

OCT 11 2006 Plan No. 1447-5146
Date
Approved By SCOTT S. FRANCIS

Modular Building Plans Examiner
Florida License No. SMP-42

SEAL: FL

APPROVED OCT 10 2006

LISTING AGENCY APPROVAL
THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA.

CONST. TYPE	VB
OCCUPANCY	R-3
NUMBER NO. OF FLOORS	1
WIND VELOCITY	130
EXP. DEPTH OF EXT. WALLS	0
CHRO. #:	1447-5146F
PLAN NO.	
ALLOW. FLOOR LOAD	40
APPROVAL AGENCY	QCI 2006
MANUFACTURER	HORTON
HIGH VELOCITY HURRICANE ZONE	NO

HWC

APPROVED
OCT 11 2006
HILBORN, WERNER, CARTER & ASSOC.
MODULAR
CODES: SEE NOTES
LABELS: FL

THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES
1427 SOUTH MYRTLE AVE.
CLEARWATER, FL 33756

office copy

THE 32X68
MC280FG(BOSS)

DWG#: 1447-5146F
DRAWN BY: R.E.G.
SCALE: AS NOTED
DATE 9-29-06
REV:
DWG. #: 1 OF 15

HORTON HOMES, INC.
EATONTON, GA 31024

COVER SHEET (FLORIDA APPROVAL)

APPLIANCE	MANUFACTURER	MODEL	SPECIFICATIONS
WATER HEATER	RHEEM	WARRIOR	DIVISION 15 MECHANICAL PLUMBING PAGE.1
INSTANTANEOUS WATER HEATER	EEMAX	RESIDENTIAL COMMERCIAL	EEMAX 1 TO EEMAX 2
LAVATORY	VARIOUS	PORCELAIN	BOOT 21 TO BOOT 22
FAUCET	MOEN	LAVATORY FAUCET	MOEN 1 TO MOEN
KITCHEN SINK	ENEX	DOUBLE BOWL	ENEX 1 TO ENEX 3
SHOWER UNITS	CRANE	SINGLE PIECE	CRANE 1 TO CRANE 2
TUB/ SHOWER	CRANE	SINGLE PIECE	CRANE 3 TO CRANE 8
WHIRLPOOLS/TUBS	CRANE	VARIUOS	CRANE 9 TO CRANE 15

MECHANICAL FIXTURE SCHEDULE

APPLIANCE	MANUFACTURER	MODEL	SPECIFICATIONS
FURNACE	INTERTHEM	GAS	INTERTHEM GAS Ø THROUGH INTERTHEM GAS 72
FURNACE	INTERTHEM	ELECTRIC	INTERTHEM ELECTRIC Ø THROUGH INTERTHEM ELECTRIC 72
EXHAUST FAN	VENTLINE	RANGE	VENT 1 THROUGH VENT 12
EXHAUST FAN	VENTLINE	BATH	VENT 13 THROUGH VENT 17
EXHAUST FAN	VENTLINE	ATTIC	VENT 18

ELECTRICAL FIXTURE SCHEDULE

FIXTURE	MANUFACTURER	MODEL	SPECIFICATIONS
LOAD CENTER	SIEMENS	MAIN BREAKER	DC 1 THROUGH DC 2
SNAP SWITCHES	EAGLE	STRANDARD GRADE SWITCHES	DC 3
SNAP SWITCHES	EAGLE	DUPLEX GRADE SWITCHES	DC 4
LIGHT FIXTURES	SIMKAR CORPORATION	FLUOESCENT	DC 5 THROUGH DC 6
ELECTRICAL FITTING	GB	VARIOUS	DC 7 THROUGH DC 9
WIRING DEVICES	WIRE CON	SELF- CONTAINED	DC 10 THROUGH DC 12/ DC 19 THROUGH DC 20
SMOKE DETECTORS	USI ELECTRICAL	120 V / AC	DC 13
RECEPTACLES	USI ELECTRICAL	GFCI	DC 14
J-BOXES	THOMAS & BATTS	VARIOUS	DC 15 THROUGH DC 18
LIGHT FIXTURES	CAPITAL	VARIOUS	CAPITAL 1 THROUGH CAPITAL 130
LIGHT FIXTURES	SIMKAR CORPORATION	VARIOUS	SIMKAR 1 THROUGH SIMKAR 63

HORTON HOMES, INC.
TYPICAL CONSTRUCTION DETAILS FOR MODULAR CONSTRUCTION COMPLYING ASCE 7-02, 130 MPH, EXPOSURE "C"

ROBERT E. GREGG
REGISTERED ARCHITECT
630 CHESTNUT STREET
CLEARWATER, FL 33759
Ph.727-799-8074
Fax 727-799-6942
orcfreg@aol.com

SEAL

APPROVED OCT 10 2006

TYPICAL CONSTRUCTION DETAILS DRAWING INDEX

DWG. NO.	DWG. NAME	REVISED DATE
FL-1	TYPICAL FLOOR DETAILS	01-11-05
RF-1	TYPICAL ROOF DETAILS	01-11-05
BC-1	RIDGE BEAM AND HEADER DETAILS	01-11-05
TF-1	TYPICAL FRAMING INFORMATION	01-11-05
TF-2	TYPICAL FRAMING INFORMATION	01-11-05
EXS-1	TYPICAL EXTERIOR SIDING DETAILS	01-11-05
CHS-1	ON FRAME CROSS SECTION	01-11-05
PFS-1	OFF FRAME CROSS SECTION	01-11-05
ED-1	END WALL DETAILS	01-11-05
OD-1	OVERHANG DETAILS	01-11-05
SW-1	SHEAR WALL & ROOF DIAPHRAGM DETAILS	01-11-05
OFP-1	TYPICAL ON FRAME TAG UNIT PORCH DETAILS	09-11-06
OFP-2	TYPICAL ON FRAME END PORCH DETAILS	09-11-06
BAY-1	RECESSED BAY DETAIL	08-21-06

STANDARD CONSTRUCTION DETAILS REFER TO APPROVED PLANS FOR ANY INFORMATION NOT COVERED IN THESE DRAWINGS.

DWG. NO.	DWG. NAME	REVISED DATE
CC-TF-1	TYP FRAMING INFO FOR CAPE COD STYLE STRUCTURES	01-11-05
CC-1 12-12	CAPE COD STYLE TYPICAL DETAILS	08-21-06
CC-2 12-12	CAPE COD STYLE TYPICAL DETAILS	08-21-06
CC-3 12-12	CAPE COD STYLE TYPICAL DETAILS	08-21-06
CC-CHS-1 12-12	ON FRAME CROSS SECTION - CAPE COD STYLE	08-21-06
CC-PFS-1 12-12	OFF FRAME CROSS SECTION - CAPE COD STYLE	08-21-06
CC-1 9-12	CAPE COD STYLE TYPICAL DETAILS	08-21-06
CC-2 9-12	CAPE COD STYLE TYPICAL DETAILS	08-21-06
CC-3 9-12	CAPE COD STYLE TYPICAL DETAILS	08-21-06
CC-CHS-1 9-12	ON FRAME CROSS SECTION - CAPE COD STYLE	08-21-06
CC-PFS-1 9-12	OFF FRAME CROSS SECTION - CAPE COD STYLE	08-21-06

TYPICAL CAPE COD STYLE DETAILS REFER TO STANDARD DETAILS AND APPROVED PLANS FOR ANY INFORMATION NOT COVERED IN THESE DRAWINGS.

SHEAR WALL LOCATION
SHEAR WALL DESIGNATION

MINIMUM INSULATION VALUES:
ROOF: R-38
WALLS: R-15
FLOOR: R-22

EXPOSED AIR DUCT WORK: R-6
WINDOWS SHALL BE DOUBLE PANE OR STORM TYPE.

LISTING AGENCY APPROVAL
THESE PLANS COMPLY WITH THE FLORIDA ADMINISTRATIVE BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA.
CONST. TYPE VB
OCCUPANCY R-3
NUMBER OF FLOORS 1
WIND VELOCITY 130
ZONE (MILES OF COAST) 0
DWG. #:1447-5146F
PLAN NO.
FLOOR LOAD 40
APPROVED OCT 11 2006
MANUFACTURER HORTON
HIGH VELOCITY HURRICANE ZONE NO
IWC

APPROVED
OCT 11 2006
HILBORN, WERNER, CARTER & ASSOC.

CODES: SEE NOTES
LABELS: FL

THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES 1027 SOUTH MYRTLE AVE. CLEARWATER, FL 33756

THE 32X68 MC280FG(BOSS)

DWG# :1447-5146F
SCALE: AS NOTED
DATE 9-29-06
REV:
DWG. # 2 OF 15
BY:R.E.G.

HORTON HOMES, INC.
EATONTON, GA 31024

PLUMB, MECH, ELEC SCHEDULES

ORTON HOMES, INC.
EATONTON, GA 31024

DWG# :1447-5146F

FRONT AND REAR ELEVATIONS

DWG. #:	3 OF 15
REV:	
DATE:	9-29-06
SCALE:	AS NOTED

THE 32X68

MC280FG (BOSS)

MODULAR

0 6" 12" 2' 4' 8' 12'

APPROVED OCT 11 2006
MICHAEL WERNER CARTER
HILBORN
CODES: SEE NOTES
LABELS: FL

THIRD PARTY: HUDSON, BERGER, CARTER & ASSOCIATES
1827 SOUTH DIXIE AVE.
CLEARWATER, FL 33756

OCT 11 2006

DWG

HIGH VELOCITY HURRICANE ZONE	NO
WIND EXPOSURE	C
ATTIC KNEE WALL	NONE
ATTIC ACCESS	NONE
ROOF SNOW LOAD PSF	0
ROOF DESIGN PSF	20
PLAN NO.	FL-1447-5146F
ALTERNATE MA OR TRUSS	
COUPLEWAY	
COUNCIL TYPE	R-3
MEAN HEIGHT	130
WIND VELOCITY	120

LISTING AGENCY APPROVAL
THESE PLANS COMPLY WITH THE FLORIDA RESIDENTIAL BUILDING CODE AND ARE IN COMPLIANCE WITH THE 1979 CONSERVATION CODE AND ADJACENT TO SITE PER LOCAL CLIMATIC CONDITIONS.

SEAL: FL

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REGISTERED ARCHITECT
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arcfreg@aol.com

REAR ELEVATION

UNDERPINNING: TYPE, DESIGN, CONSTRUCTION BY OTHERS ON SITE (SUBJECT TO LOCAL JURISDICTION.)

DASHED LINES REPRESENT OPTIONAL ROOF RIDGE HEIGHTS SEE SIDE ELEVATIONS FOR MORE INFORMATION.

FIBERGLASS SHINGLES

6-0 X 6-8

6-0 X 6-8

2-10 X 6-8 MIN.

18X24 MIN. ACCESS

62X30

36X60

36X60

FLOOR LINE

EXTERIOR SIDING (MAY BE SITE INSTALLED BY OTHERS.)

1'-0" MAX.

FRONT ELEVATION

UNDERPINNING: TYPE, DESIGN, CONSTRUCTION BY OTHERS ON SITE (SUBJECT TO LOCAL JURISDICTION.)

DORMER (OPTIONAL, MAY NOT BE AVAILABLE WITH SOME ROOF PITCHES) OPTIONAL DORMER (SIZE, TYPE AND LOCATION MAY VARY)

DASHED LINES REPRESENT OPTIONAL ROOF RIDGE HEIGHTS SEE SIDE ELEVATIONS FOR MORE INFORMATION.

FIBERGLASS SHINGLES

3-0 X 6-8 MIN.

30X66

30X66

30X66

36X60

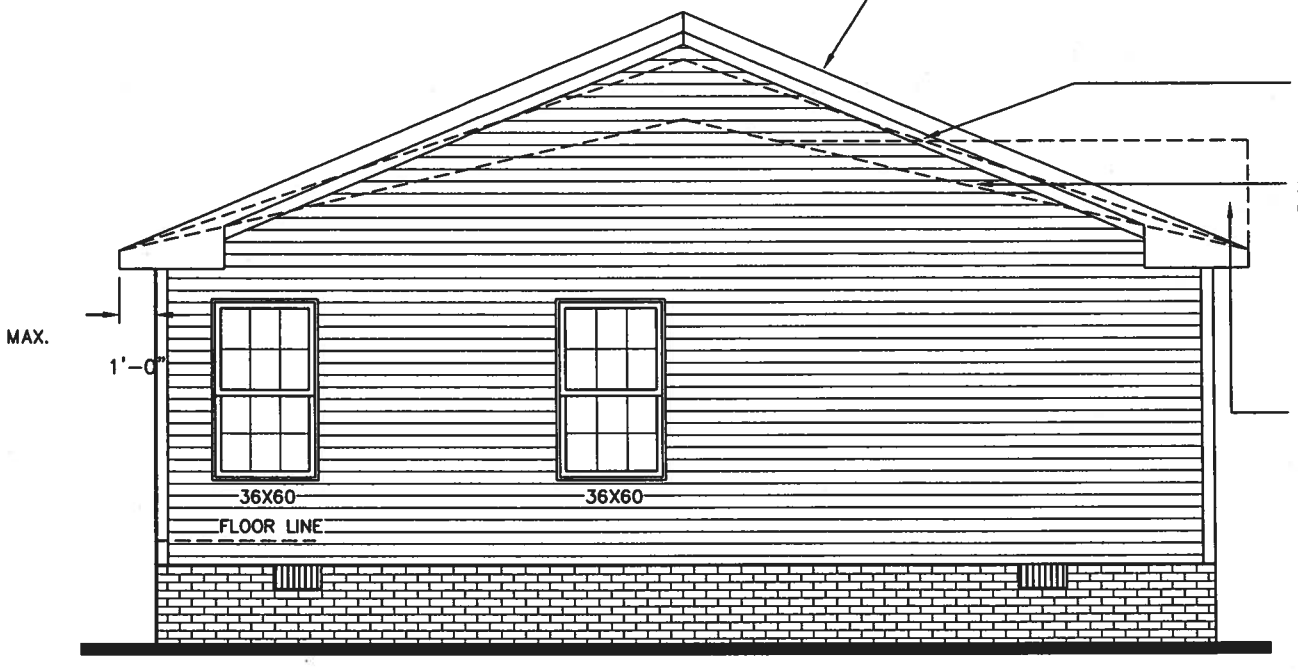
36X60

42X42SG

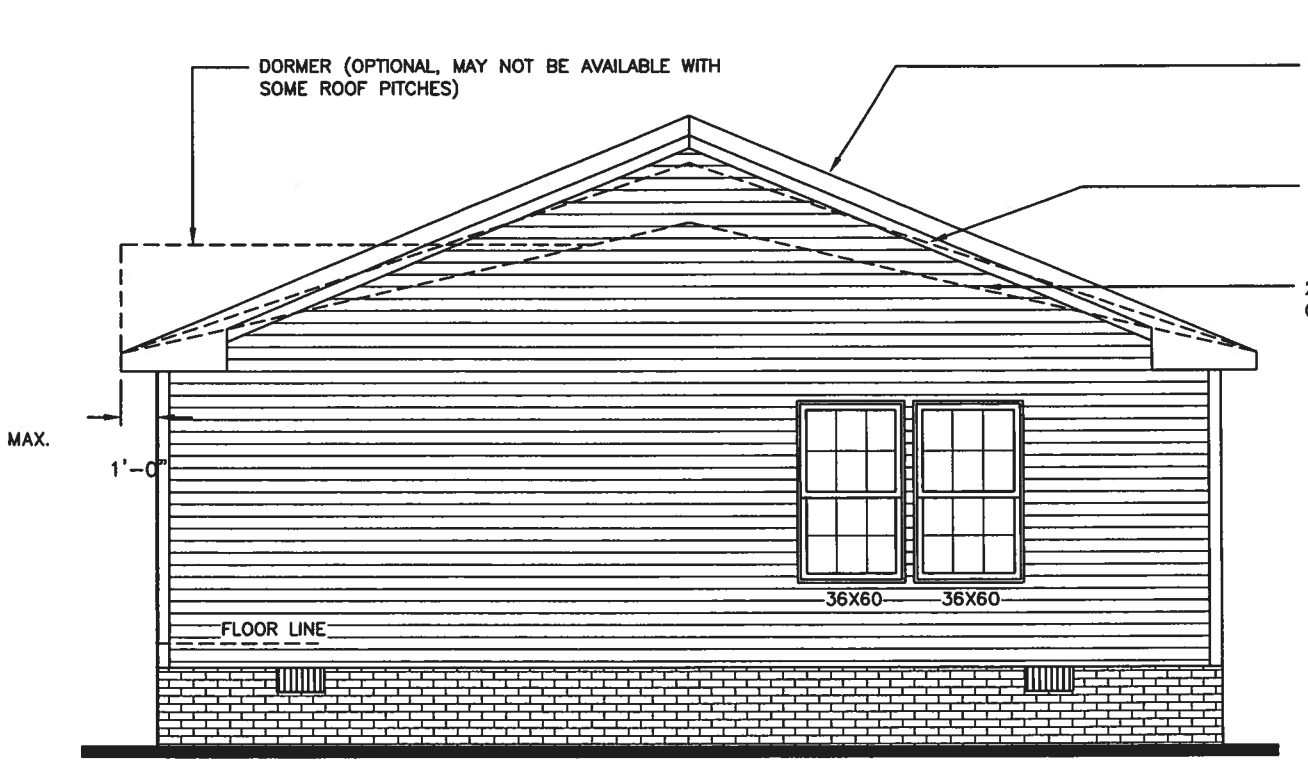
FLOOR LINE

EXTERIOR SIDING (MAY BE SITE INSTALLED BY OTHERS.)

1'-0" MAX.



LEFT SIDE ELEVATION



RIGHT SIDE ELEVATION

ELEVATION NOTES:

SEE CROSS SECTION FOR METHOD OF ROOF VENTILATION.

UNDERPINNING AND STOOPS ON SITE BY OTHERS (TYPICAL ONLY)

FOUNDATION ENCLOSURE (WHEN PROVIDED) MUST HAVE 1 SQUARE FOOT NET VENT AREA PER 1/150th OF THE FLOOR AREA, AND A 18"x24" MINIMUM CRAWL SPACE ACCESS, SITE INSTALLED BY OTHERS AND SUBJECT TO LOCAL JURISDICTION.

NET VENT AREA MAY BE REDUCED IF VAPOR BARRIER IS INSTALLED IN THE CRAWL SPACE AREA. REFER TO CODES.

STAIR(S) AND HANDRAILS ARE SITE INSTALLED, DESIGNATED BY ITHERS AND SUBJECT TO LOCAL JUSRISDICTION.

ROOFING, SIDING, WINDOW, DOOR & UNDERPINNING STYLES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. ACTUAL STYLES MAY VARY.

27WIDE TRUSSES

HM452704--5/12 MONO
HM452603--5/12 MONO
HC191003-- 4/12 CATH
HM228606--4/12 MONO
HC310401--4/12 CATH
M199103--47"KP

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SEAL: FL

APPROVED OCT 10 2006

MODULAR

0 6"12" 2' 4' 8' 12'

LISTING AGENCY APPROVAL
THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND CONFORM TO THE FOLLOWING CRITERIA.

CONST. TYPE	V/B
OCCUPANCY	R-3
NO. OF FLOORS	1
WIND VELOCITY	130
EXP. RATING OF EXT. WALLS	0
PLAN NO.	DWG. #:1447-51468
ALLOW. FLOOR LOAD	40
APPROVAL DATE	OCT 11 2006
MANUFACTURER	HORTON
HIGH VELOCITY HURRICANE ZONE	NO

IWC

APPROVED
HILBORN, WERNER, CARTER & ASSOC.
OCT 11 2006

CODES: SEE NOTES
LABELS: FL

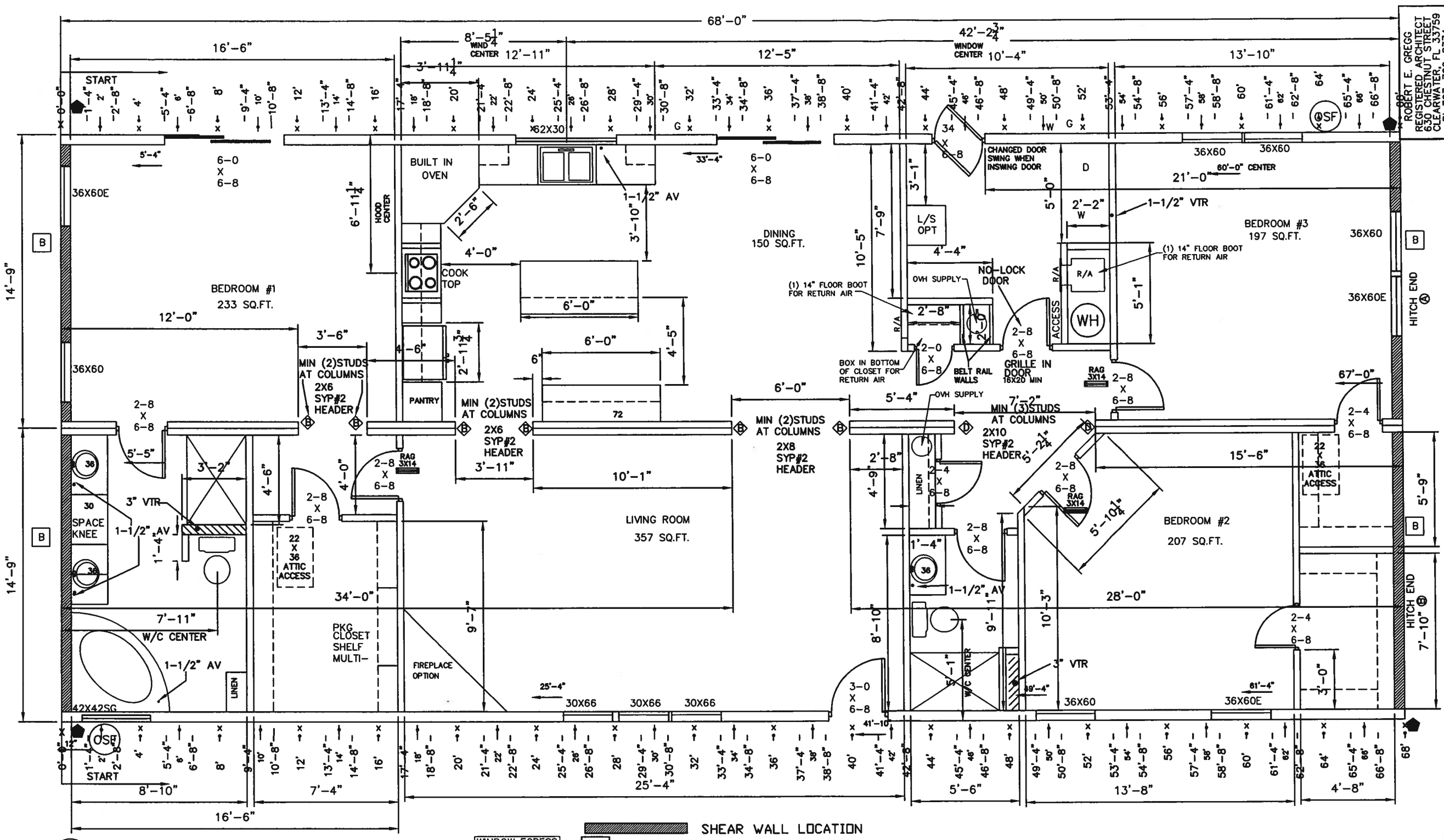
THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES 1127 SOUTH MYRTLE AVE. CLEARWATER, FL 33756

THE 32X68 MC280FG(BOSS)

HORTON HOMES, INC.
EATONTON, GA 31024

DWG# :1447-51468 | SCALE: AS NOTED | DRAWN BY:R.E.G. | DATE 9-29-06 | REV: | DWG. # 4 OF 15

ELEVATIONS



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archreg@aol.com

APPROVED OCT 1 0 2006
FOR CODE COMPLIANCE ONLY
DEPT. OF COMMUNITY AFFAIRS
TALLAHASSEE, FL

MODULAR
0 6'12" 2' 4' 8' 12'

LISTING AGENCY APPROVAL
THESE PLANS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA.

CONST. TYPE	VB
OCCUPANCY	R-3
CLASSIFIED NO. OF FLOORS	1
WIND VELOCITY	130
EXPOSURE OF EXT. WALLS	D
DWG. #:	1447-5146F
PLAN NO.	
ALLOW. FLOOR LOAD	40
APPROVED DATE	OCT 11 2006
MANUFACTURER	HORTON
HIGH VELOCITY HURRICANE ZONE	NO

HWC

THE 32X68
MC280FG(BOSS)

FLOOR PLAN

FLOOR PLAN
INDICATES 2X6 PLUMBING WALL

WINDOW EGRESS
E=EGRESS

SHEAR WALL LOCATION
SHEAR WALL DESIGNATION

IMAGE CAN BE MIRRORED

2X6EXT. WALLS

STRUCTURAL DRAWING REFERENCE:
FLOORS FL-1
WALLS AND OPENINGS TO-1
CORNER BRACING AND PARTITIONS CWB-1
BEAMS AND CATHEDRAL BC-1
EXTERIOR SYSTEMS EXS-1
CROSS SECTIONS CS-2
ROOF SYSTEM RF-1

MINIMUM INSULATION VALUES:
ROOF: R-38
WALLS: R-15
FLOOR: R-22
EXPOSED AIR DUCT WORK: R-6
WINDOWS SHALL BE DOUBLE PANE OR STORM TYPE.

COLUMN STRAPPING SCHEDULE: (BEAM DOWN)

(2) 2X4 SPF #2 THIS HALF	(2) 2X4 SPF #2 EACH HALF
(3) 2X4 SPF #2 THIS HALF	(3) 2X4 SPF #2 EACH HALF
(4) 2X4 SPF #2 THIS HALF	(4) 2X4 SPF #2 EACH HALF
(5) 2X4 SPF #2 THIS HALF	(5) 2X4 SPF #2 EACH HALF

NOTES:
1. ALL COLUMN STUDS SHALL GLUE/NAILED TOGETHER. PVA GLUE WITH 100% COVERAGE SHALL BE USED.
2. INSTALL TWO STEEL STRAPS AT EACH STUD OF EACH COLUMN.
3. COLUMN STUDS SHALL NOT BE NOTCHED OR BORED.

RIDGE BEAM CONSTRUCTION △
1 LAYER OF 1.5"x__" LVL, EACH MODULE(SEE CHART)
NOTES:
1. LVL Fb=2250 PSI
2. LVL MUST BE CONTINUOUS OVER CLEAR SPANS.
3. BEAMS SUPPORTED BY DRYWALL COLUMNS MUST EXTEND CONTINUOUS OVER COLUMNS TO EXTERIOR FACE OF DRYWALL.
4. FASTEN ROOF SHEATHING INTO TOP EDGE OF LVL TO PROVIDE CONTINUOUS LATERAL SUPPORT OF BEAM (WHERE APPLICABLE)
5. INSTALL (2)=3 x10" SPF#3 RIDGE BEAM BEARING STIFFENER OVER SUPPORT COLUMNS WHEN SPECIFIED ON FLOOR PLAN. FASTEN THE FACE OF THE STIFFENER TO THE RIDGE BEAM WITH 10DX GLUE COVERAGE AND 5" MGA STAPLES WITH 3/4" MINIMUM PENETRATION INTO LVL BEAM.
6. WHEN MORE THAN ONE LAYER OF LVL IS INSTALLED ON EITHER SIDE OF THE MATING LINE, LAYERS ON THAT SIDE OF THE MATING LINE MUST BE FASTENED TOGETHER WITH 16 GA. STAPLES x 7/16" MINIMUM CROWN CONSTALLED PARALLEL TO BEAM SPAN @ 3/4" MINIMUM PENETRATION INTO CONNECTING LAYER. STAPLES SHALL BE PLACED AT 6" O.C. MINIMUM VERTICALLY AND HORIZONTALLY WITH FIRST AND LAST ROW OF STAPLES LOCATED 1" FROM TOP AND BOTTOM EDGE OF BEAM RESPECTIVELY.

16X20 RAG IN FLOOR OR CLG.
S-20 ANCHOR BRACKET (FACTORY INSTALLED) FOR ON FRAME MODELS - TYP ALL FOUR CORNERS OF HOME.
RAG 3X14 =RETURN AIR GRILLE OVER DOOR

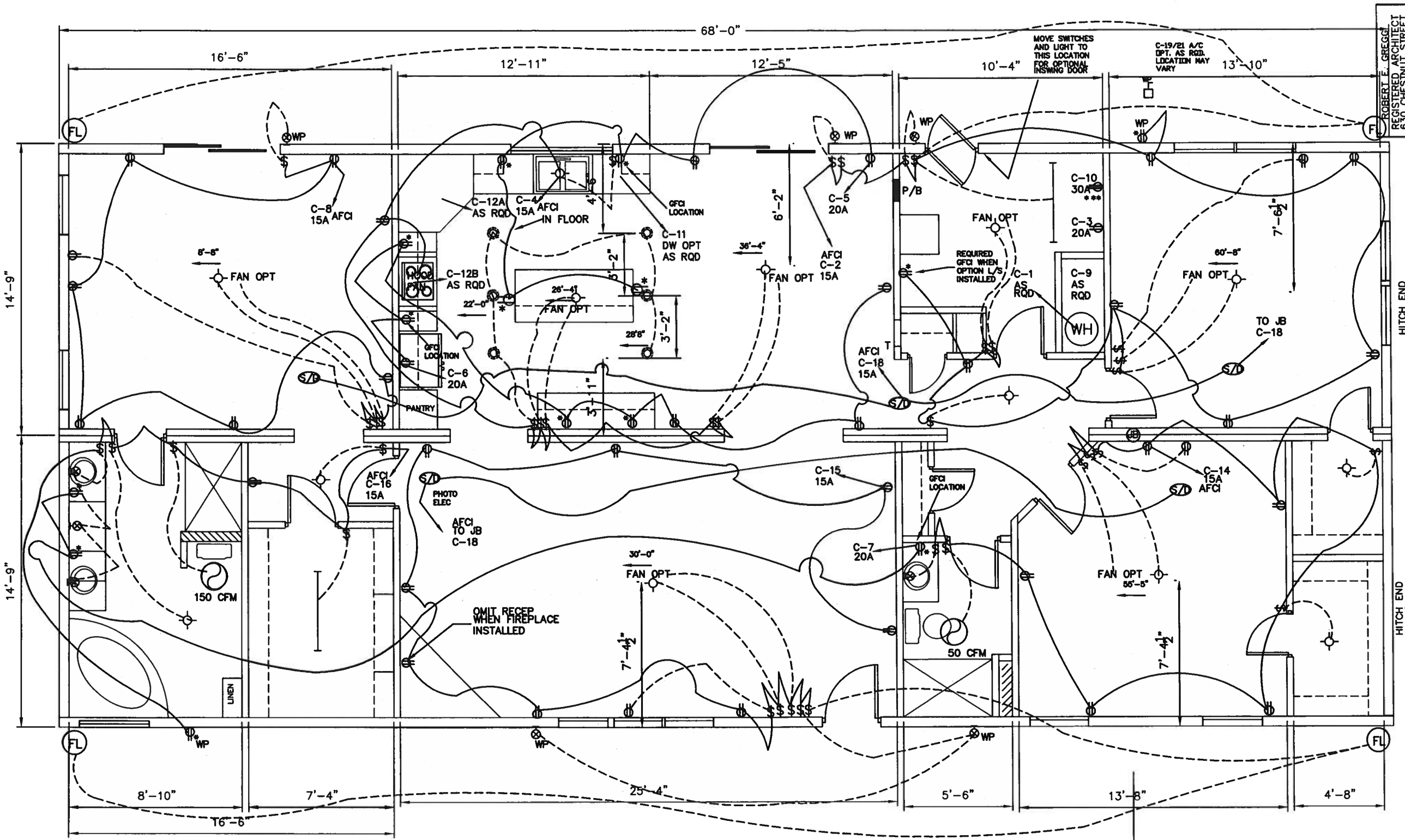
APPROVED
HILBORN, WERNER, CARTER & ASSOCIATES
OCT 11 2006
CLEARWATER, FL

CODES: SEE NOTES
LABELS: FL

THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES, 1927 SOUTH MISSILE AVE., CLEARWATER, FL 33756

DWG#: 1447-5146F.REG.
SCALE: AS NOTED
DATE: 9-29-06
REV:
DWG. #: 5 OF 15

HORTON HOMES, INC.
EATONTON, GA 31024



ELECTRICAL

NOTES:
1. ALL BATH RECEPTACLES ARE GFCI PROTECTED AND ON A 20A CIRCUIT. (⊕* DENOTES GFCI PROTECTED RECEPTACLE) EXAMPLE: BATH, OUTSIDE RECEPTACLE, KITCHEN COUNTER.

2. ALL BEDROOM OUTLETS TO BE ARC FAULT PROTECTED AS PER ELECTRICAL CODE. (CIRCUIT IS DENOTED BY THE LETTERS "AFCI " FOLLOWING THE CIRCUIT NUMBER ON THE ELECTRICAL SCHEMATIC.)

OPTIONAL LIGHT IN ATTIC WHEN ACCESS INSTALLED WITH STORAGE TRUSSES

SITE INSTALLED PAD MOUNT 2 TON HEAT PUMP, DESIGNED BY OTHERS, SUBJECT TO LOCAL JURISDICTION.
C-19/21 A/C OPT. AS RQD. LOCATION MAY VARY
ONE EXTERIOR RECEPT MUST BE WITHIN 25'-0"OFHVAC. EQUIPMENT

2X6EXT. WALLS

SYMBOL LEGEND

- PANEL BOX (P/B/)
- SWITCH
- DUPLEX OUTLETS ON 15 OR 20 AMP CIRCUITS
- 240V OUTLET
- GROUND FAULT CIRCUIT INTERRUPTER RECEPT
- JUNCTION BOX
- *—PHOTOELECTRIC TYPE SMOKE DETECTOR
- AF AFTER CIRCUIT # INDICATES "ARC FAULT" PROTECTION
- CEILING MTD. LIGHT FIXTURE
- EXTERIOR APPROVED WALL MTD. LIGHT FIXTURE
- EXHAUST, VENT FAN
- SMOKE DETECTOR
- THERMOSTAT
- FLUORESCENT LIGHT FIXTURE
- CUT OFF
- C-19/21 A/C OPT. AS RQD. LOCATION MAY VARY
- GAS LINE LOCATION MAY VARY
- WATER LINE LOCATION MAY VARY

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SEAL: FL

APPROVED OCT 10 2006

MODULAR

LISTING AGENCY APPROVAL
THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA.

CONST. TYPE	VB
OCCUPANCY	R-3
SM/MOBILE NO. PLATES	
WIND VELOCITY	130
FIRE RATED EXT. WALLS	0
DWG. #:	1447-5146F
PLAN NO.	
ALLOW. FLOOR LOAD	40
APPROVED	OCT 11 2006
MANUFACTURER	HORTON
HIGH VELOCITY HURRICANE ZONE	NO

IWC

THE 32X68 MC280FG (BOSS)

APPROVED
HILBORN, WERNER, CARTER & ASSOC.
OCT 11 2006
REVIEWED FOR CODE COMPLIANCE ONLY

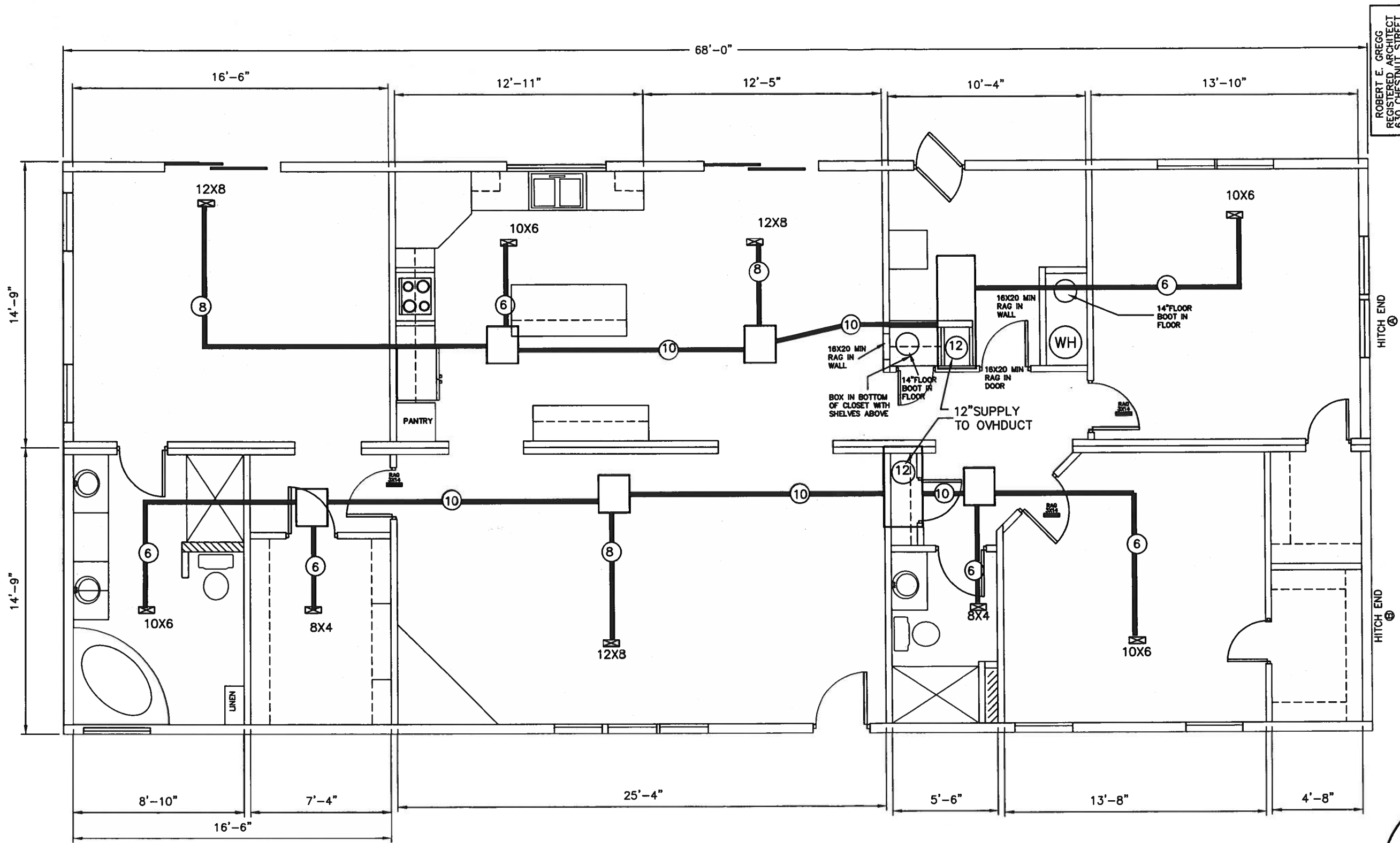
CODES: SEE NOTES
LABELS: FL

THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES 1927 SOUTH MYRTLE AVE. CLEARWATER, FL 33756

DWG# :1447-5146F
DRAWN BY: R.E.G.
SCALE: AS NOTED
DATE 9-29-06
REV:
DWG. # 6 OF 15

HORTON HOMES, INC.
EATONTON, GA 31024

ELECTRICAL PLAN



OPTIONAL OVERHEAD DUCT PLAN–WITHOUT FURNACE

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APPROVED OCT 1 0 2006
SEAL: FL

MODULAR
0 6'12" 2' 4' 8' 12'

LISTING AGENCY APPROVAL
THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA:

CONST. TYPE	VB
OCCUPANCY	R-3
NO. OF FLOORS	1
WIND VELOCITY	130
EXT. SHEET SHEET DWG. #	1447-5146F
PLAN NO.	
ALLOW. FLOOR LOAD	40
APPROVED	OCT 11 2006
MANUFACTURER	HORTON
HIGH VELOCITY HURRICANE ZONE	NO

IWC

APPROVED
HILBORN, WERNER, CARTER & ASSOC.
OCT 1 1 2006
MODULAR

CODES: SEE NOTES
LABELS: FL

THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES 1627 SOUTH MYRTLE AVE. CLEARWATER, FL 33756

THE 32X68 MC280FG(BOSS)

DWG#	1447-5146F
DRAWN BY:	R.E.G.
SCALE:	AS NOTED
DATE	9-29-06
REV:	
DWG. #	7 OF 15

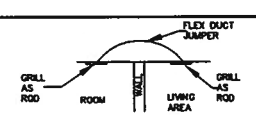
HORTON HOMES, INC
EATONTON, GA 31024

OVERHEAD DUCT PLAN WITHOUT FURNACE

MECHANICAL NOTES:

1. INTERIOR DOOR SHALL BE UNDERCUT 1.5 INCHES ABOVE THE FINISHED FLOOR FOR AIR RETURN.
2. RESTROOM VENT FANS SHALL PROVIDE 50 CFM INTERMITTENT OR 20 CFM CONTINUOUS.
3. DUCT SHALL BE INSULATED.
4. HVAC BY OTHERS.
5. 16"x20" RETURN AIR GRILLE OMIT.

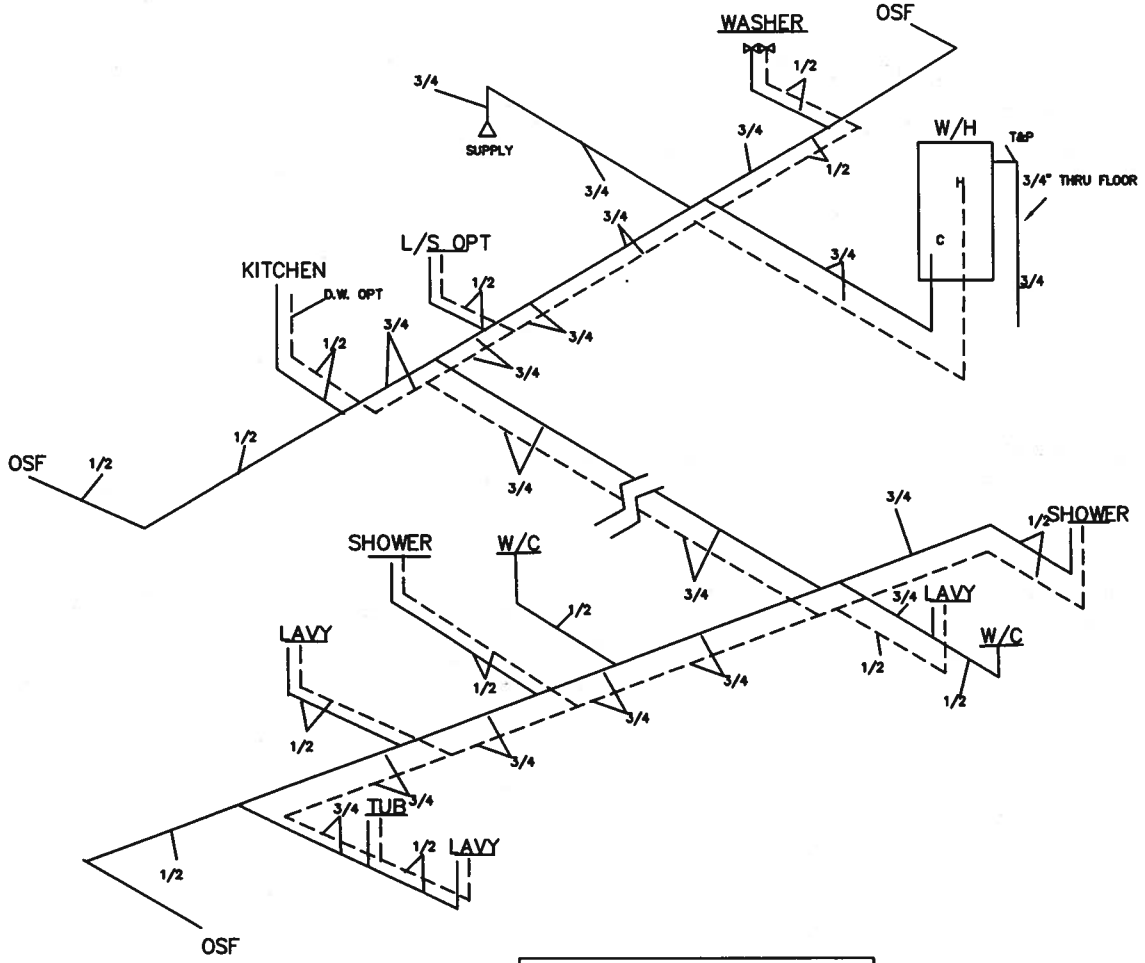
16"x20" IN FLOOR OR CLG. OPTIONAL



RAG 20X14 –RETURN AIR GRILLE OVER OR IN DOOR

RETURN AIR BALANCE REQUIREMENT FOR BEDROOMS OF 50 SQ. FT. OR MORE IS ACHIEVED WITH 1 SQ,IN. RETURN AIR VENT FOR EVERY 5 SQ,FT. OF ROOM AREA.

2X6EXT. WALLS



=CROSSOVER

HOT ------

COLD ——

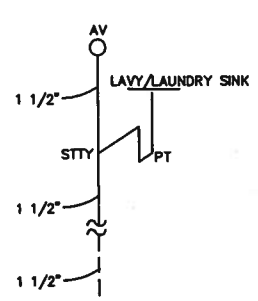
1 WATER SUPPLY LINES

SUPPLY NOTES:

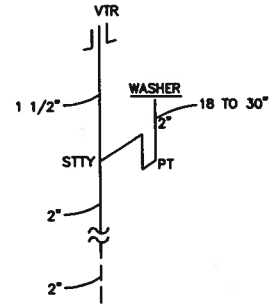
SUPPLY LINE SIZING IS BASED ON AN ASSUMED AVAILABLE PRESSURE OF 46 TO 60 PSI AT MAIN INLET AND SHOULD BE VERIFIED PRIOR TO CONSTRUCTION.

ALL SUPPLY LINES SHALL BE 3/4"
ALL STUB-UPS SHALL BE 1/2" UNLESS OTHERWISE NOTED.
ALL SUPPLY RISERS INSTALLED WITH CUT-OFFS UNLESS OTHERWISE NOTED.

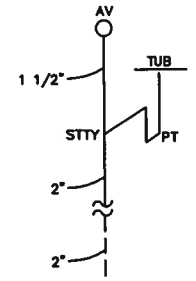
NOTE: PIPING BELOW TO BE SITE INSTALLED BY OTHERS.



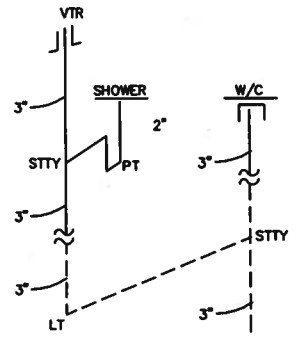
2 TYP. LAVY (DWV)



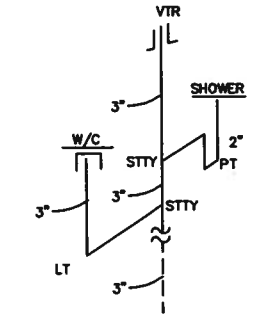
3 TYP. WASHER (DWV)



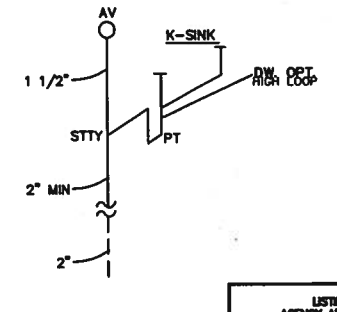
4 TYPICAL TUB (DWV)



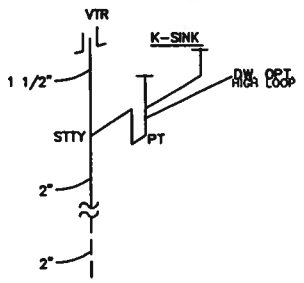
5 TYP. W/C & SHOWER (DWV)
REF. 2nd BATH



6 TYP. W/C & SHOWER (DWV)
REF. MASTER BATH



7 KITCHEN SINK (DWV)



8 KITCHEN SINK (DWV)-VTR

LISTING AGENCY APPROVAL
THESE SPACES COMPLY WITH THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION AND ARE IN CONFORMANCE TO THE FOLLOWING CRITERIA.

CONST. TYPE	VB
OCCUPANCY	R-3
NUMBER OF FLOORS	1
WIND VELOCITY	130
FIRE RATING OF EXT. WALLS	0
PLAN NO.	DWG. #:1447-5146F
ALLOW. FLOOR LOAD	40
APPROVAL DATE	OCT 2006
MANUFACTURER	HORTON
HIGH VELOCITY HURRICANE ZONE	NO

HWC

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SEAL
FL

APPROVED OCT 10 2006

APPROVED
HILBORN, WERNER, CARTER & ASSOC.
OCT 11 2006

FLOOR BEAM CODES: SEE NOTES
LABELS: FL

THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES 1927 SOUTH MISSLE AVE. CLEARWATER, FL 33756

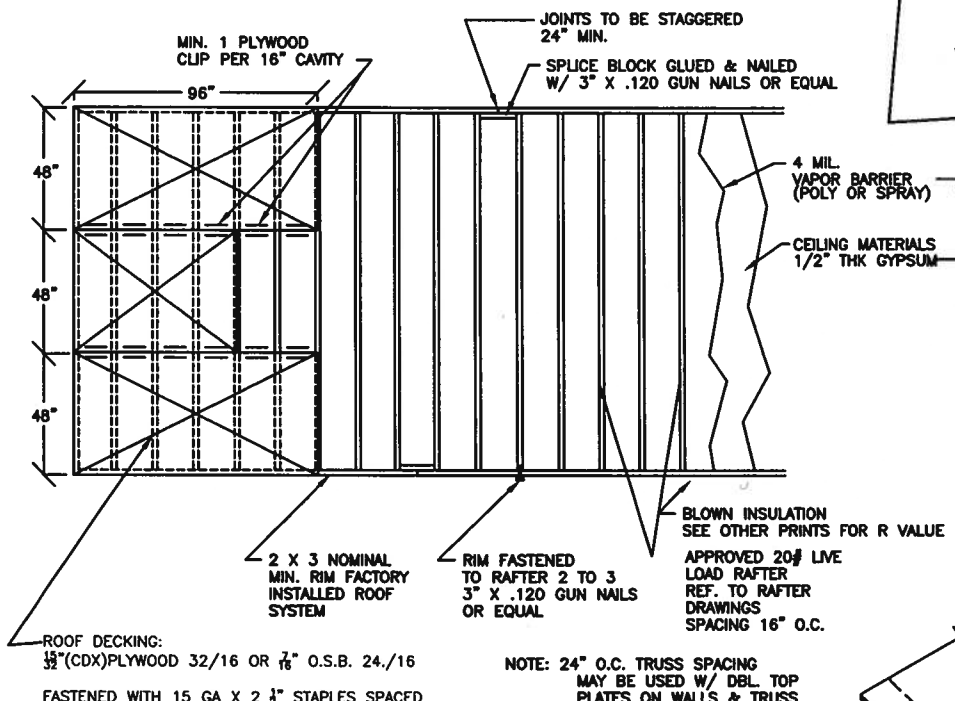
THE 32X68 MC280FG(BOSS)

DRAWN BY: R.E.G.
SCALE: AS NOTED
DATE 9-29-06
REV:
DWG. #. 8 OF 15

DWG#: 1447-5146F

HORTON HOMES, INC
EATONTON, GA 31024

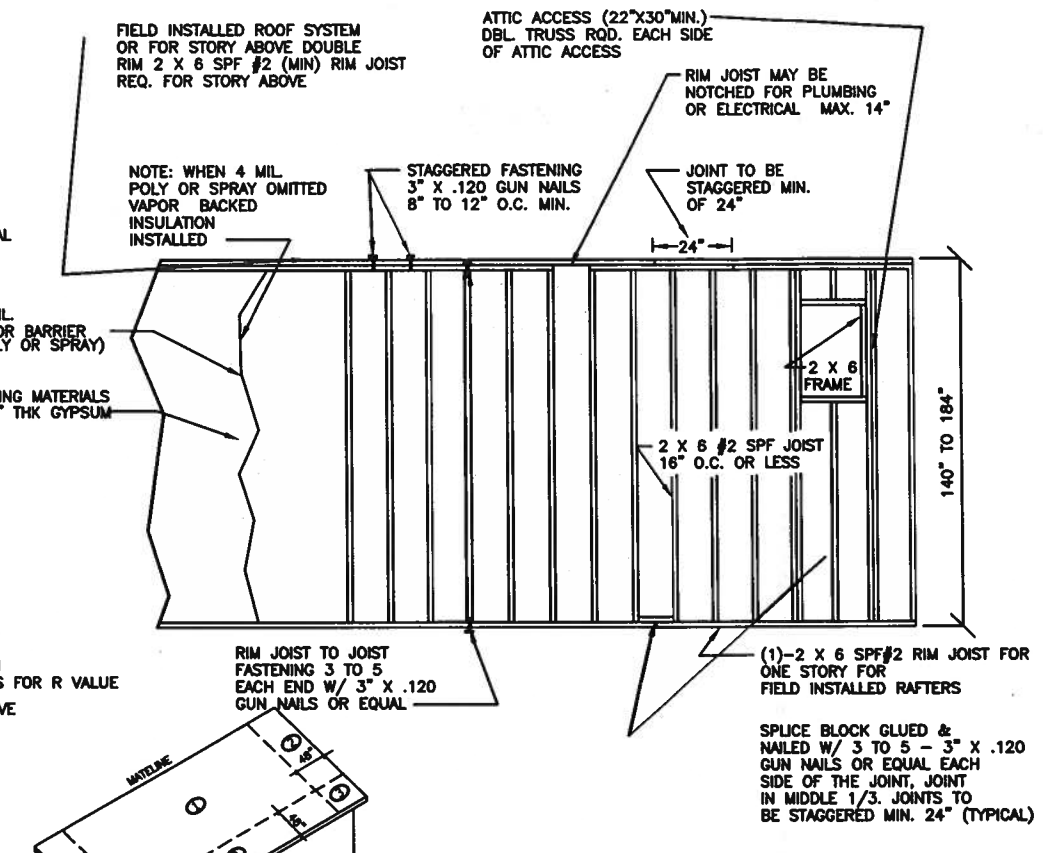
PLUMBING SCHEMATICS

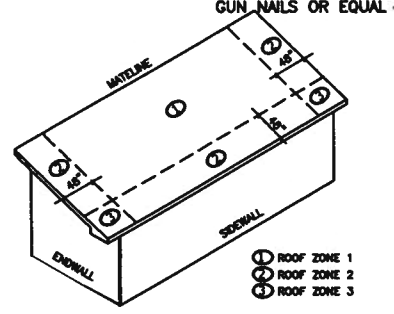


NOTE: 24" O.C. TRUSS SPACING MAY BE USED W/ DBL. TOP PLATES ON WALLS & TRUSS RATED AT 24" O.C.

NOTE: MORE STRINGENT FASTENER SPACING MAY BE REQUIRED TO SATISFY THE ROOF DIAPHRAGM REQUIREMENTS, SEE APPROVED MODEL PLANS.

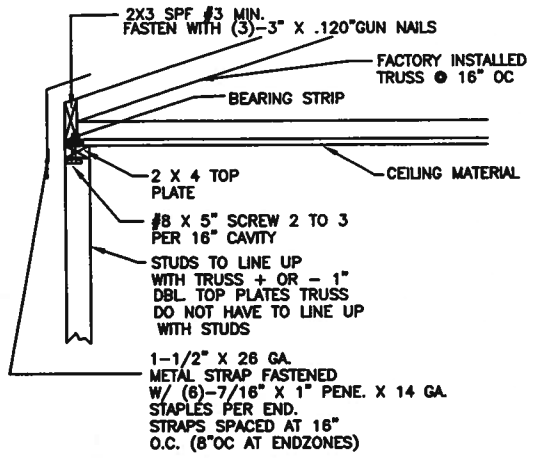
1 RF-1 TYPICAL ROOF LAYOUT – PLAN
NOT TO SCALE



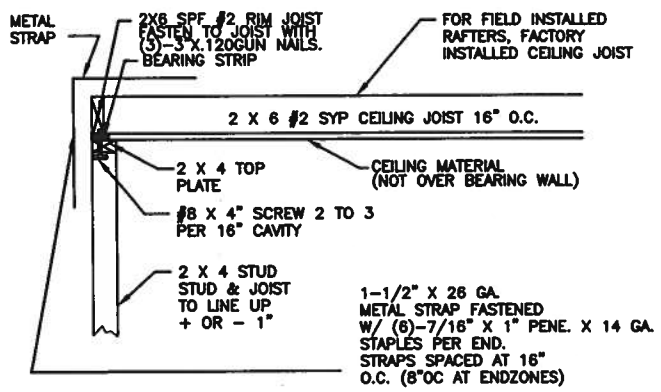


ROOF ZONE DEFINITIONS FOR MULTISECTION UNITS
NOT TO SCALE

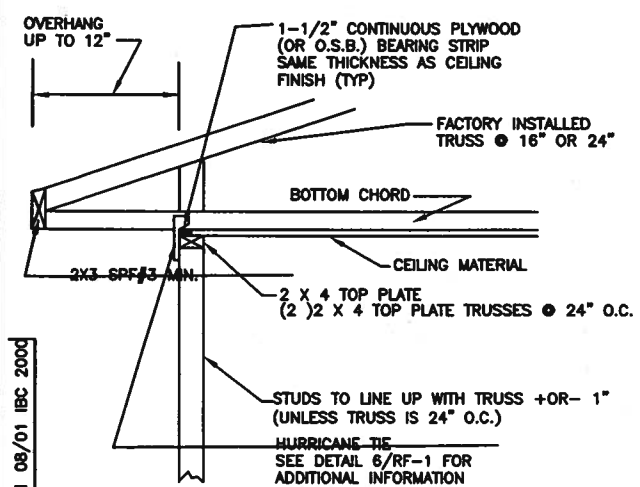
CEILING MATERIAL FASTENING:
1/2" UNFINISHED GYPSUM FASTENED WITH 5d X 1 5/8" COOLER NAILS SPACED 16" O.C. FOR 16" O.C. SUPPORTS AND 12" O.C. FOR 24" O.C. SUPPORTS AND FASTENED WITH 2 PARTS URETHANE FOAM ADHESIVE ON ONE SIDE OF EACH RAFTER AND BOTH SIDES @ EACH PANEL JOINT. SEE SHEET ED-1 FOR REQUIRED FASTENING WHEN CEILING IS USED AS A DIAPHRAGM.



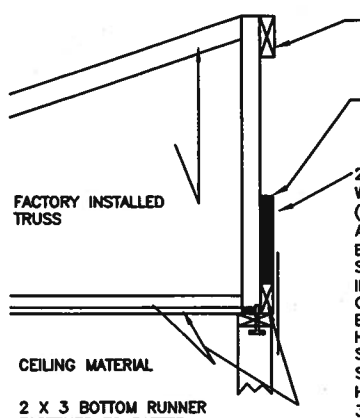
2 RF-1 EAVE DETAIL – NO OVERHANG
NOT TO SCALE



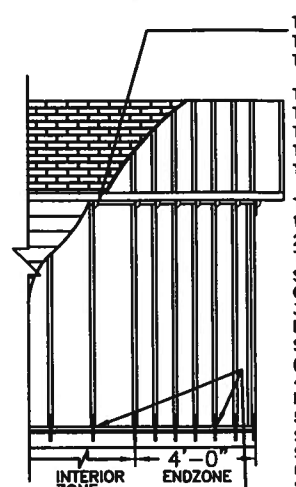
3 RF-1 EAVE DETAIL – 2X RAFTERS NO OVERHANG FOR SITE INSTALLED ROOF TRUSSES
NOT TO SCALE



4 RF-1 EAVE DETAIL – TRUSS WITH OVERHANG
NOT TO SCALE



5 RF-1 MATELINE DETAIL – TYPICAL TRUSS
NOT TO SCALE



TRUSS TO WALL TIE DOWN FOR INTERIOR ZONES:
TRUSSES 24" O.C. – USE SIMPSON H2.5 TIE
TRUSSES 16" O.C. – USE SIMPSON H2 TIE

TRUSS TO WALL TIE DOWN FOR END ZONES:
TRUSSES 24" O.C. – USE SIMPSON H10 TIE
TRUSSES 16" O.C. – USE SIMPSON H2.5 TIE
TRUSSES 12" O.C. – USE SIMPSON H2 TIE
TRUSSES 8" O.C. – USE SIMPSON H2 TIE

TRUSS TIE DOWN NOTES:
1. SEE APPROVED TRUSS DRAWINGS FOR MAXIMUM TRUSS SPACING.
2. INSTALL (2) #8 WOOD SCREWS FROM TOP PLATE OR WALL STUD TO TRUSS BOTTOM CHORD OF EVERY TRUSS. ALL WOOD SCREWS SHALL HAVE 1 1/2" MINIMUM PENETRATION INTO TRUSS BOTTOM CHORD.
3. WHEN TRUSSES ARE ANCHORED TO TOP PLATE IN LIEU OF DIRECTLY TO STUDS THE TOP PLATE SHALL STRAPPED TO EACH STUD (16" O.C. MAX.) WITH A 26 GA X 1 1/2" STEEL STRAP WITH (6) 14 GA X 7/16" CROWN X 1" (MIN. PENE.) STAPLES EACH END.
4. STUD MUST BE LOCATED DIRECTLY BELOW TRUSS WHEN SIMPSON H2 TIE IS USED.
5. IN LIEU OF 8" O.C. SPACING TRUSSES MAY BE DOUBLED AND SPACED 16" O.C. FASTENING FOR EACH TRUSS SHALL BE AS SPECIFIED ABOVE.
6. SEE WALL FRAMING DETAILS FOR MAXIMUM ALLOWABLE STUD SPACING.

6 RF-1 UPLIFT STRAPPING – TYPICAL DETAIL
NOT TO SCALE – USE SAME STRAPPING FROM STUDS TO RIM JOIST AS REQUIRED FROM ROOF TO STUDS SHOWN IN DETAIL 5.

TYP-RF-1 08/01 IBC 2006

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SEAL: FL

APPROVED OCT 10 2006

LISTING AGENCY APPROVAL
THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA.

CONST. TYPE	VB
OCCUPANCY	R-3
ALLOWABLE NO. OF FLOORS	1
WIND VELOCITY	130
EXPOSURE OF EXT. WALLS	D
DWG. #:	1447-5146F
PLAN NO.	
ALLOW. FLOOR LOAD	40
APPROVAL DATE	OCT 11 2006
MANUFACTURER	HORTON
HIGH VELOCITY HURRICANE ZONE	NO

HWC

THE 32X68 MC280FG(BOSS)

APPROVED
HILBORN, WERNER, CARTER & ASSOCIATES
OCT 11 2006
MODULAR

CODES: SEE NOTES
LABELS: FL

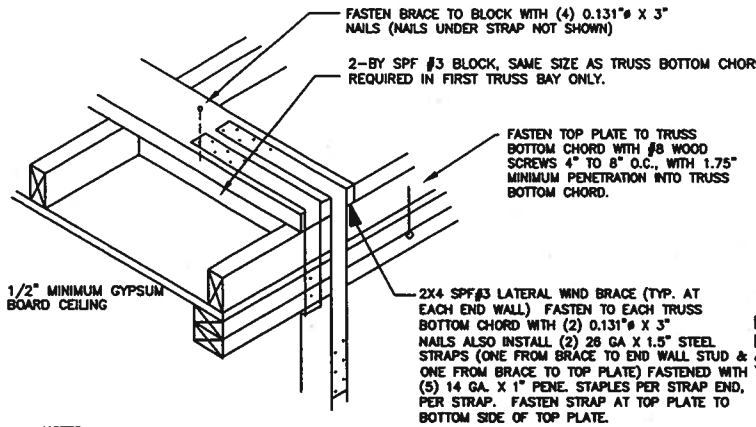
THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES 1927 SOUTH MISSLE AVE. CLEARWATER, FL 33760

DWG#: 1447-5146F

SCALE:	AS NOTED
DATE	9-29-06
REV:	
DWG. #:	9 OF 15

HORTON HOMES, INC.
EATONTON, GA 31024

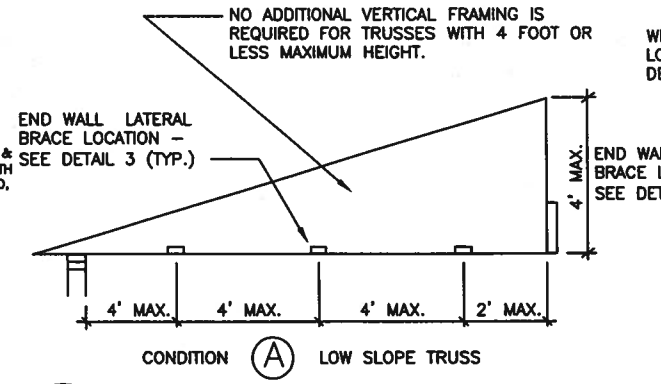
RF-1

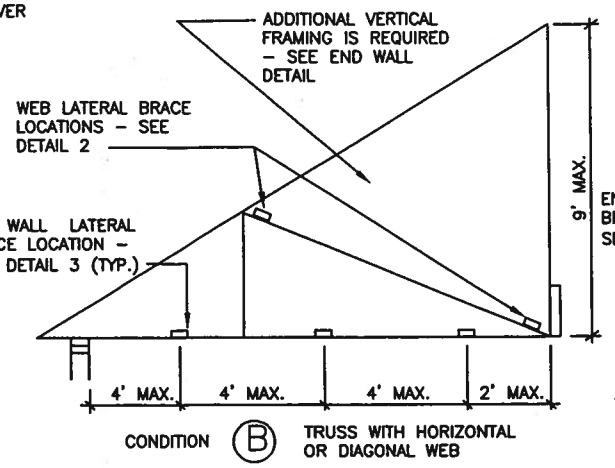


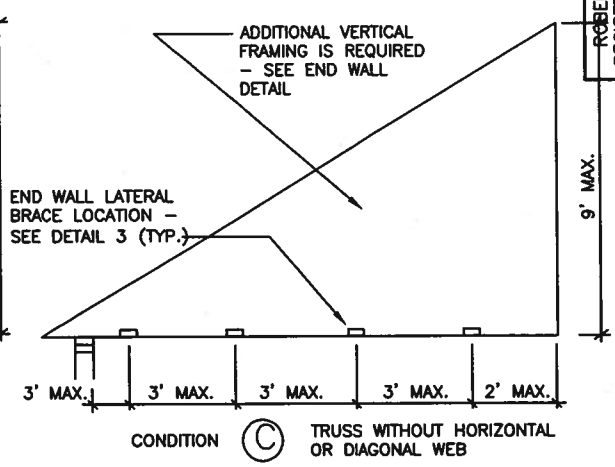
NOTES:
1. SEE DETAIL 4 FOR REQUIRED LATERAL BRACE LOCATIONS.
2. ALL LATERAL BRACES SHALL BE 8 FEET LONG MINIMUM EXCEPT WHEN TRUSS HEIGHT EXCEEDS 4 FEET AT LEAST TWO OF THE REQUIRED BRACES SHALL BE A MINIMUM OF 16 FEET LONG. BRACES MAY BE SPLICED WITH A 2X4 SPF#3 X 24" LONG BLOCK FASTENED WITH (5) 0.131"ø X 3" NAILS EACH SIDE OF SPLICE.
3. THE MODEL PLAN DESIGNER SHALL DETERMINE THE APPLICABILITY OF THIS BRACING SYSTEM ON A MODEL BY MODEL BASIS. SEE APPROVED MODEL PLANS FOR ADDITIONAL REQUIREMENTS.
4. THIS DETAIL IS NOT APPLICABLE TO DROPPED T-GRID CEILINGS.
5. ALL TRUSSES ARE DESIGNED BY OTHERS.

3 / – END WALL LATERAL BRACE
N.T.S

NOTES:
1. ADD ADDITIONAL LATERAL BRACES AS NEEDED SO AS NOT TO EXCEED THE MAXIMUM SPACING SHOWN.
2. ALL END WALL TRUSSES SHALL BE SHEATHED WITH MINIMUM 7/16" OSB RATED SHEATHING WITH ALL EDGES SUPPORTED BY 2" NOMINAL LUMBER. SHEATHING SHALL BE FASTENED TO TRUSS TOP & BOTTOM CHORDS PER SHEAR WALL REQUIREMENTS BUT NOT LESS THAN 8d COMMON NAILS 4" O.C. NO HORIZONTAL JOINTS ARE PERMITTED OVER TRUSSES FOR TRUSS THAT ARE 4 FOOT OR LESS IN HEIGHT.







4 / – LATERAL BRACE REQUIRED LOCATIONS
N.T.S

ROBERT E. GREGG
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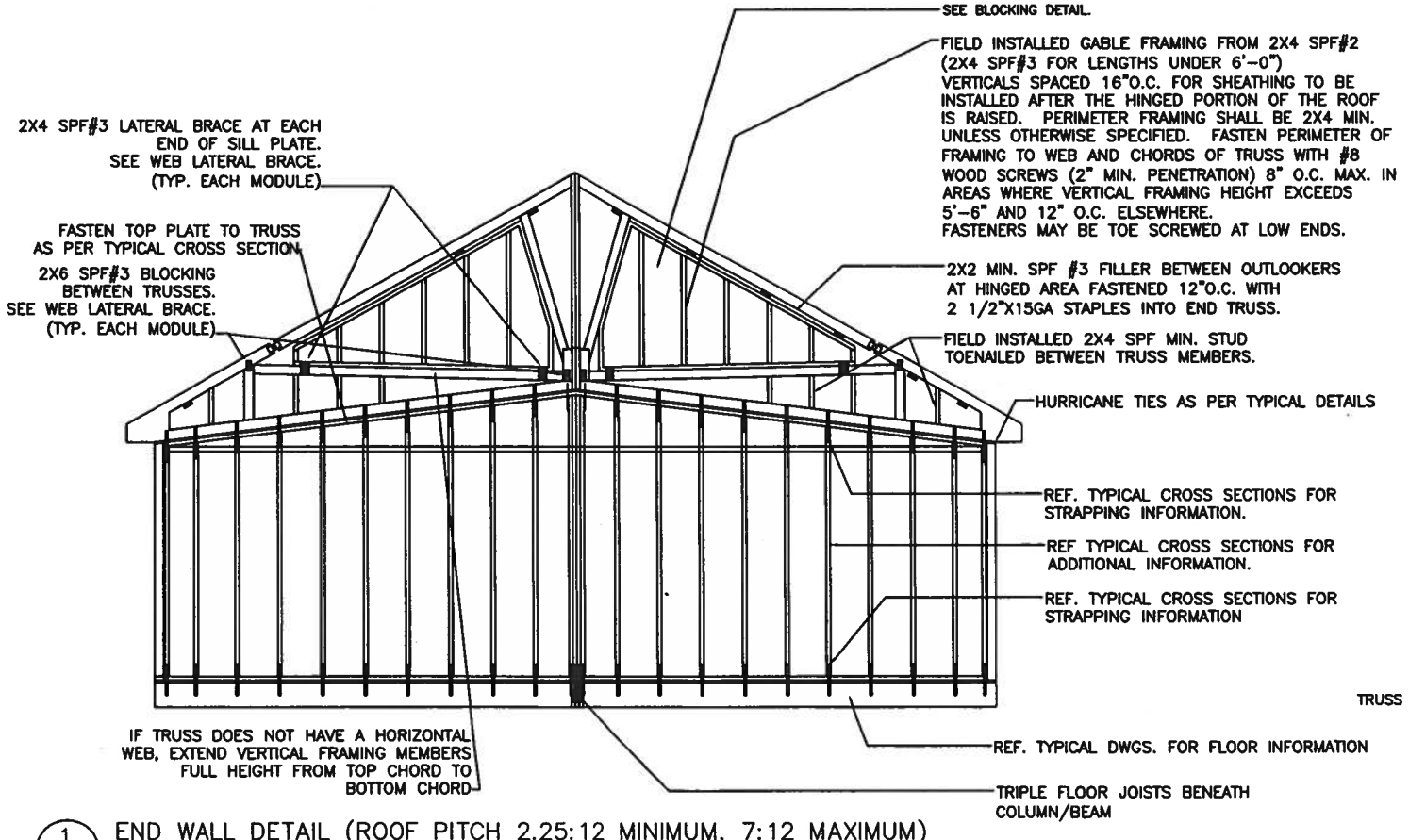
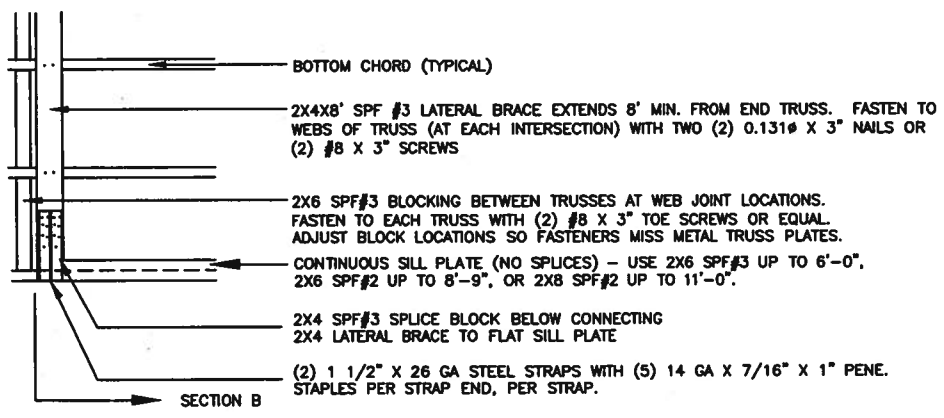
SEAL: FL

APPROVED OCT 10 2006

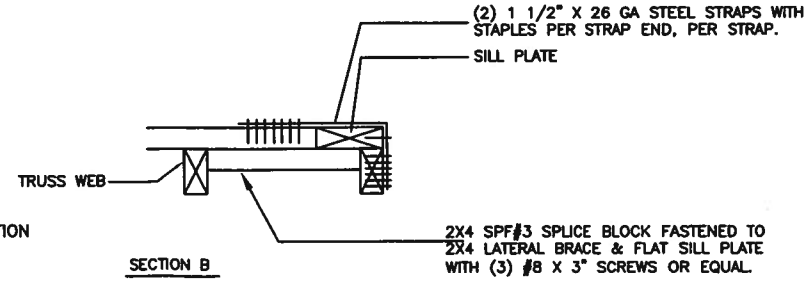


1 / – END WALL DETAIL (ROOF PITCH 2.25:12 MINIMUM, 7:12 MAXIMUM)

N.T.S.
THIS DETAIL IS APPLICABLE TO FLAT CEILINGS AS WELL AS CATHEDRAL CEILINGS. 1/2" MINIMUM GYPSUM BOARD MAY BE USED AS THE REQUIRED CEILING DIAPHRAGM PROVIDED IT IS FASTENED WITH 5d COOLER NAILS WITH 1 5/8" LENGTH AND 0.086" SHANK AT 7" O.C. AT ALL FRAMING SUPPORTS AND ALL EDGES ARE BLOCKED WITH 2X6 MINIMUM LUMBER AND THE BUILDING DOES NOT EXCEED 30'-8" IN WIDTH AND HAS A MINIMUM LENGTH OF 40'. ALTERNATE CEILING DIAPHRAGMS MAY BE DESIGNED BY THE BUILDING DESIGNER. THE BUILDING DESIGNER IS RESPONSIBLE FOR DESIGN OF ADEQUATE SHEAR WALLS AT THE SIDE WALL AND MATE WALL TO RESIST LOADS FROM THE CEILING DIAPHRAGM.



2 / – TRUSS WEB LATERAL BRACE
N.T.S PLAN VIEW – TYPICAL BOTH ENDS OF TRUSS WEB AT EACH END OF BUILDING.



LISTING AGENCY APPROVAL
THESE PRICES COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND ARE/RE TO THE FOLLOWING CRITERIA:
CONST. TYPE: VB
OCCUPANCY: R-3
STORIES NO. OF FLOORS: 1
WIND VELOCITY: 130
EXP. RATING OF EXT. WALLS: D
DWGS. #:1447-5146F
FLAN NO.
ALLOW. FLOOR LOADS: 40
APPROVAL DATE: OCT 11 2006
MANUFACTURER: HORTON
HIGH VELOCITY HURRICANE ZONE: NO
IWC

APPROVED
HILBORN, WERNER, CARTER & ASSOC.
OCT 11 2006
MODULAR
CODES: SEE NOTES
LABELS: FL

THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES 1927 SOUTH MYRTLE AVE. CLEARWATER, FL 33756

THE 32X68 MC280FG(BOSS)

SCALE: AS NOTED
DATE 9-29-06
REV:
DWG. # 10 OF 15

DWG# :1447-5146F 1 OF 1 SHEET

HORTON HOMES, INC.
EATONTON, GA 31024

ED-1

ROBERT E. GREGG
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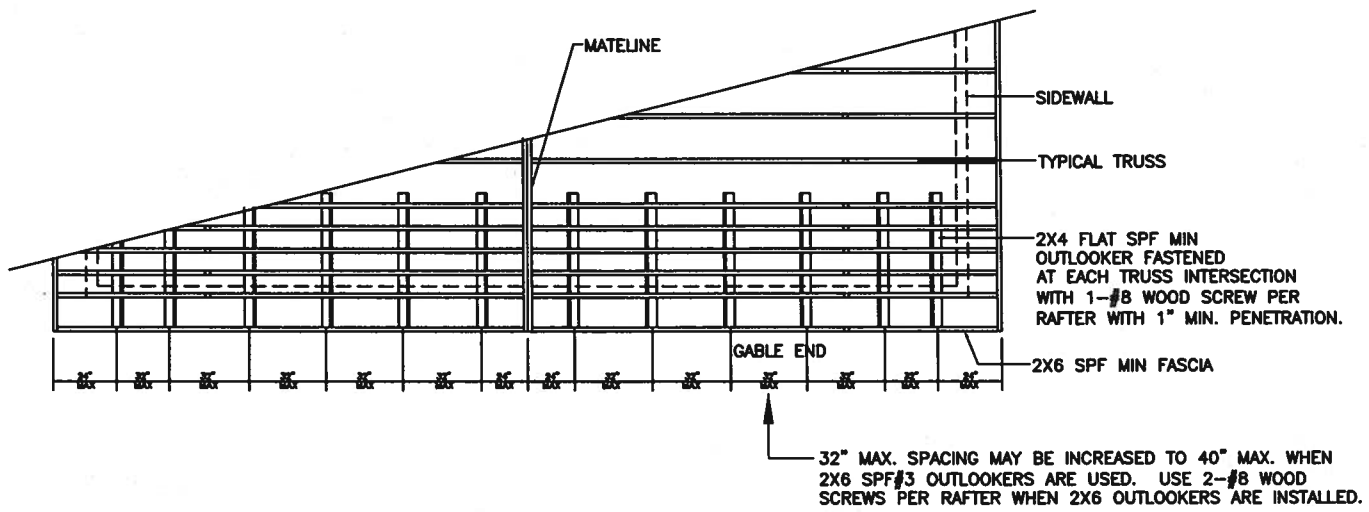
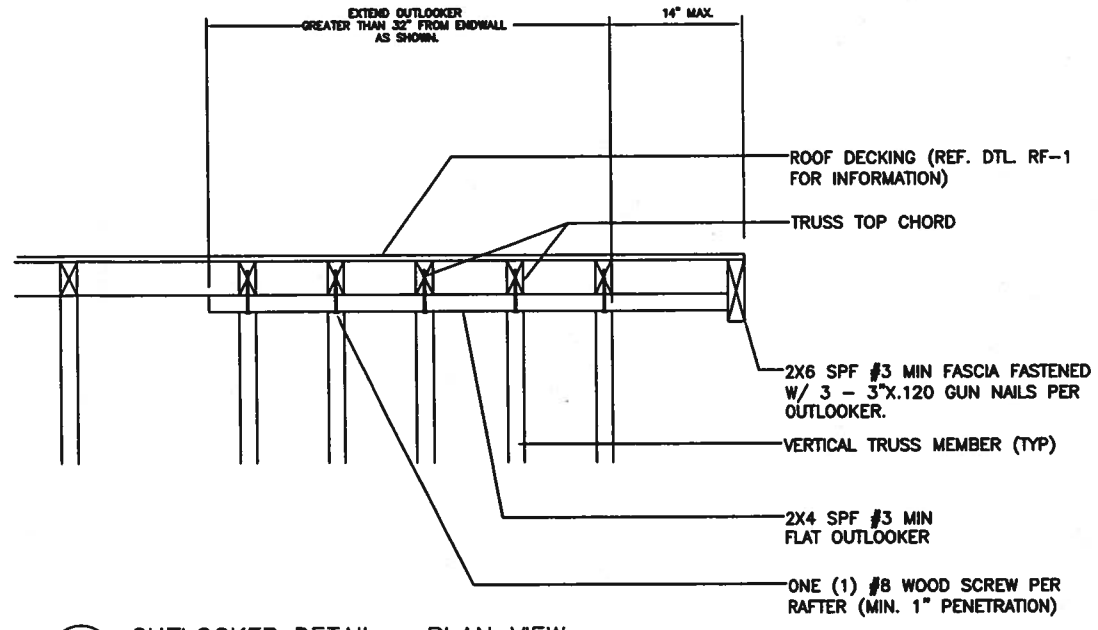
SEAL: FL

APPROVED OCT 10 2006



1 – OUTLOOKER DETAIL – PLAN VIEW



2 – OUTLOOKER DETAIL – PLAN VIEW

LISTING AGENCY APPROVAL
THESE PLANS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA.

CONST. TYPE	VB
OCCUPANCY	R-3
SUBMODULE NO. OF MODULES	1
WIND VELOCITY	130
EXP. CATEGORY	C
DESIGN SNOW LOAD	0
DWG. #:	1447-5146F
PLAN NO.	
FLOOR LIVE LOAD	40
APPROVED BY	IWC
MANUFACTURER	HORTON
HIGH VELOCITY HURRICANE ZONE	NO

IWC

2006

APPROVED
OCT 11 2006
HILBORN, WERNER, CARTER & ASSOC.

MODULAR
CODES: SEE NOTES
LABELS: FL

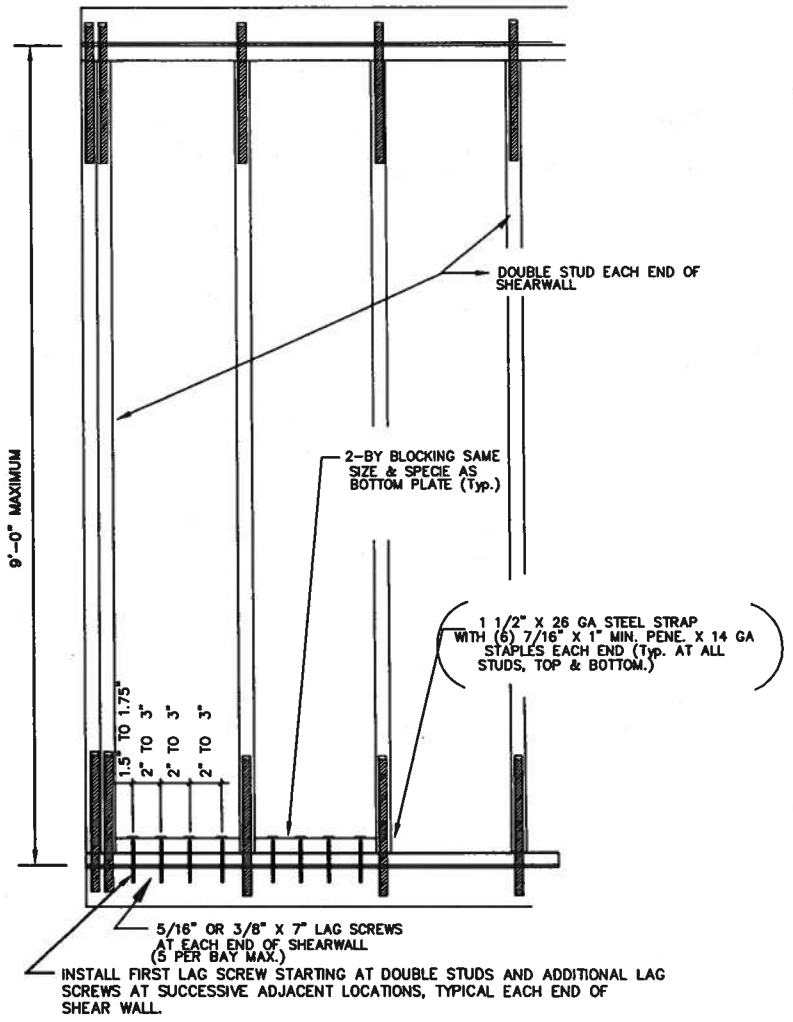
THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES 1627 SOUTH MYRTLE AVE. CLEARWATER, FL 33756

THE 32X68
MC280FG(BOSS)

DWG# :1447-5146F | DRAWN BY: R.E.G. | SCALE: AS NOTED | DATE 9-29-06 | REV: | DWG. #: 11 OF 15

HORTON HOMES, INC.
EATONTON, GA. 31024

OD-1



WALL SHEATHING EDGE FASTENING CHART						
WALL DESIGNATION:	A	B	C	D *	E **	F **
FASTENER EDGE SPACING :	6"	4"	3"	2"	4"	3"
PLF CAPACITY:	230	350	451	588	700	902

* EDGE SUPPORTS SHALL BE DOUBLE 2- BY MEMBER GLUE / NAILED TOGETHER TO ALLOW STAGGERING OF FASTENERS

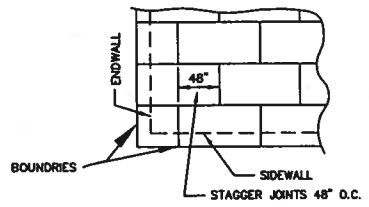
** E + F ASSEMBLIES REQUIRE SHEATHING ON BOTH SIDES OF THE WALL.

NOTES:
1. SPACE FASTENERS 12" O.C. MAXIMUM AT INTERMEDIATE SUPPORTS.
2. FRAMING SUPPORTS SHALL BE 16" O.C. MAXIMUM, SPF OR BETTER 2" NOMINAL LUMBER. ALL EDGES OF SHEATHING SHALL BE SUPPORTED.
3. ALL FASTENERS SHALL BE 8d COMMON OR GALVANIZED NAILS.
4. SHEATHING MATERAIL SHALL BE 3/8" OR 7/16" RATED STRUCTURAL WOOD PANEL EXP. 1 OR EXTERIOR GRADE, APPLIED DIRECTLY TO FRAMING.
5. SEE CROSS SECTION FOR INSTALLATION REQUIREMENTS.

B SHEARWALL FASTENING CHART
N.T.S.

SHEARWALL DESIGNATION	LAG SCREWS PER CORNER	MIN. SHEARWALL SEGMENT LENGTH
A	2	2'-6"
B	3	3'-6"
C	4	4'-0"
D	6	4'-0"
E	6	6'-0"
E	7	4'-6"
F	8	7'-6"

C SHEARWALL DETAIL
N.T.S.



NOTES:

1. ROOF SHEATHING : 15/32" PLYWOOD OR 7/16" OSB RATED SHEATHING , EXP. 1 , FASTENED WITH 8d COMMON NAILS.
2. BOUNDRIY BLOCKING SHALL BE 2 X 6 SPF # 2 MIN. EXCEPT WHEN FASTENER SPACING IS 2 1/2" OR 2" O.C. AND ADDITIONAL 2- BY MEMBER SHALL BE GLUE / NAILED TO 2 X 6 TO ALLOW STAGGERING OF FASTENERS.
3. EDGE BLOCKING SHALL BE 2- BY MEMBERS EXCEPT WHEN FASTENER SPACING IS 2 1/2" OR 2" O.C. BLOCKING SHALL BE DOUBLE 2- BY MEMBERS GLUE / NAILED TOGETHER TO ALLOW STAGGERING OF FASTENERS.
4. FASTENER SPACING CHART

	(A)	(B)	(C)	(D)	
BOUNDRIES :	6"	6"	4"	2 1/2"	ALL EDGES MUST BE BLOCKED EXCEPT FOR (A) FASTENING
EDGES :	6"	6"	6"	4	
FIELD :	12"	12"	12"	12"	
ROOF PITCH (a)					MAXIMUM DISTANCE FROM CENTERLINE OF BUILDING
(1) 6.92:12< a ≤ 7:12 PER ASCE 7-98 (2000 IBC)	25'	29'	39'	40'	
(2) 2.25: 12< a ≤ 6.92:12 PER ASCE 7-98 (2000 IBC)	40'	40'	40'	40'	
(1) 6.11:12< a ≤ 7:12 PER ASCE 7-02 (2003 IBC)	25'	29'	39'	40'	
(2) 2.25: 12< a ≤ 6.11:12 PER ASCE 7-02 (2003 IBC)	40'	40'	40'	40'	

NOTE : FASTENER SPACING CHART ABOVE IS BASED ON:
- 26'-8" MINIMUM BUILDING WIDTH
- NO OPENING IN ROOF SHEATHING EXCEEDING 12"ø
- MAXIMUM SIDEWALL HEIGHT OF 9'-0"
- MAXIMUM WIND SPEED OF 130 MPH

D ROOF SHEATHING DETAIL
N.T.S.

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APPROVED OCT 10 2006
SEAL: FL

LISTING AGENCY APPROVAL
THESE PRINTS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND REVISIONS TO THE FOLLOWING CRITERIA.

CONST. TYPE	VB
OCCUPANCY	R-3
CALCULATIONS NO. OF FLOORS	1
WIND VELOCITY	130
EXPOSURE CATEGORY	B
FIRE RATING OF EXT. WALLS	0
DWG. #:	1447-51465
PLANS NO.	
ALLOW. FLOOR LOAD	40
APPROVAL DATE	OCT 11 2006
MANUFACTURER	HORTON
HIGH VELOCITY HURRICANE ZONE	NO

IWC

APPROVED
HILBORN, WERNER, CARTER & ASSOC.
OCT 11 2006
MODULAR

CODES: SEE NOTES
LABELS: FL

THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES 1627 SOUTH MYRTLE AVE. CLEARWATER, FL 33756

THE 32X68 MC280FG(BOSS)

SCALE: AS NOTED
DATE: 9-29-06
REV:
DWG. #: 12 OF 15

DWG#: 1447-51465

HORTON HOMES, INC
EATONTON, GA. 31024

SW-1

ROBERT E. GREGG
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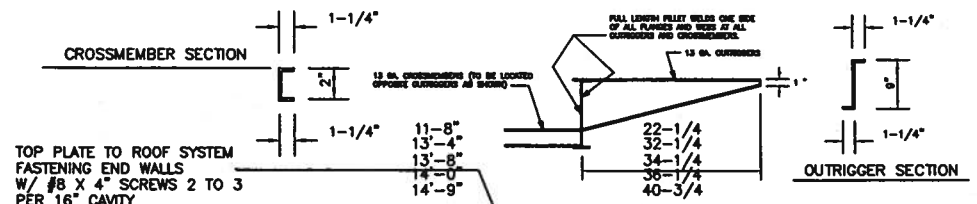
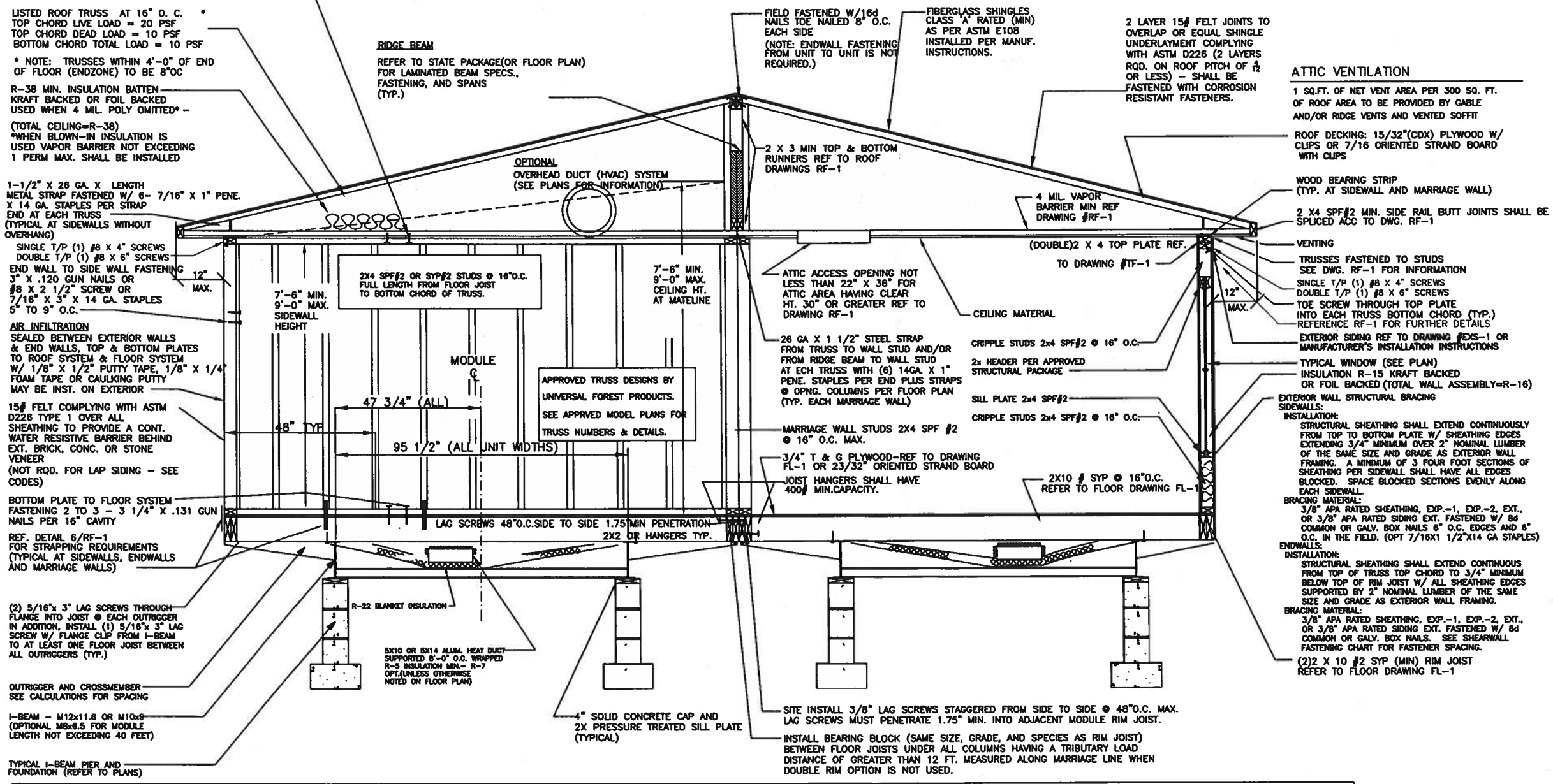
SEAL: FL

APPROVED OCT 10 2006





ATTIC VENTILATION

1 SQ.FT. OF NET VENT AREA PER 300 SQ. FT. OF ROOF AREA TO BE PROVIDED BY GABLE AND/OR RIDGE VENTS AND VENTED SOFFIT

LISTING AGENCY APPROVAL

THESE PLANS COMPLY WITH THE FLORIDA ADMINISTRATIVE BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA.

CONST. TYPE	VB
OCCUPANCY	R-3
NUMBER OF FLOORS	1
WIND VELOCITY	130
EXPOSURE OF EXT. WALLS	B
PLAN NO.	DWG. #:1447-5146F
ALLOW. FLOOR LOAD	40
APPROVAL DATE	OCT 2006
MANUFACTURER	HORTON
HIGH VELOCITY HURRICANE ZONE	NO

IWC

NOTE:	INTERIOR FINISH MATERIAL:	EXTERIOR FINISH MATERIAL:
ALL PLUMBING IN EXTERIOR WALLS PROTECTED FROM FREEZING WITH INSULATION . MINIMUM CEILING CLEAR HEIGHT - 7'-6" WHERE 1" STAPLES ARE SPECIFIED THIS SHALL MEAN 1" MINIMUM PENETRATION INTO FRAMING.	CEILING: 1/2 INCH GYPSUM BOARD INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS. (STIPPLE FINISH) WALLS: 3/8" THICK (MIN) VINYL COVERED GYPSUM BOARD 3/8" THICK (MIN) UNFINISHED (PAPERBACK) GYPSUM 5/8" THICK TYPE X UNFINISHED (PAPERBACK) GYPSUM AT FIRE PARTITIONS FLOOR: BLOCK, TILE, OR LINOLEUM IN BATHROOM AND OTHER WET AREAS. CARPET, BLOCK TILE, OR LINOLEUM INSTALLED IN ALL OTHER AREAS. (IN ALL BATH AREAS INSTALL WATER PROTECTION)	ROOF OPTION: ROOF MAY BE OMITTED AND INSTALLED ON SITE BY OTHERS. ROOF: FIBERGLASS SHINGLES OVER 1 LAYER OF 15# FELT ROOF OPTION: 29 GA.(.090 0.0179) GALVANIZED METAL ROOF COVERING ROOF OPTION: GALVANIZED METAL ROOF COVERING INSTALLED PER MANUFACTURER'S INSTRUCTIONS. .013 " ASTM A653 G.90. INSTALLED PER MANUFACTURER'S INSTRUCTIONS. WALL: REFER TO TYPICAL DRAWING # EXS-1 AND MANUFACTURER'S INSTALLATION INSTRUCTIONS 1. WALL FINISH SHALL BE INSTALLED OVER APPROVED MOISTURE PROTECTION AND BRACING MATERIAL. 2. MOISTURE PROTECTION BEHIND WALL COVERING SHALL BE AS REQUIRED BY EXTERIOR WALL FINISH MFR'S SPEC'S BUT NOT LESS THAN ONE LAYER OF NO. 15 ASPHALT FELT, COMPLYING WITH ASTM D226 FOR TYPE I FELT, ATTACHED IN SUCH A MANNER AS TO PROVIDE A CONTINUOUS WATER-RESISTIVE BARRIER BEHIND THE EXTERIOR WALL FINISH.

APPROVED
HILBORN, WERNER, CARTER & ASSOC.
OCT 11 2006

CODES: SEE NOTES
LABELS: FL

THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES, 1627 SOUTH MYRTLE AVE. CLEARWATER, FL 33756

THE 32X68
MC280FG(BOSS)

DWG# :1447-5146F DRAWN BY: R.E.G.
SCALE: AS NOTED
DATE 9-29-06
REV:
DWG. # 13 OF 15

HORTON HOMES, INC
EATONTON, GA 31024

CHS-1

ROBERT E. GREGG
REGISTERED ARCHITECT
6767 W. TIDAL WAVE LANE
CLEARWATER, FL 33759
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SEAL: FL

APPROVED OCT 10 2006

TOP PLATE TO ROOF SYSTEM FASTENING END WALLS w/ #8 X 4" SCREWS 2 TO 3 PER 16" CAVITY

LISTED ROOF TRUSS AT 18" O. C.
TOP CHORD LIVE LOAD = 20 PSF
TOP CHORD DEAD LOAD = 10 PSF
BOTTOM CHORD TOTAL LOAD = 10 PSF

• NOTE: TRUSSES WITHIN 4'-0" OF END OF FLOOR (ENDZONE) TO BE 8"OC

R-38 MIN. INSULATION BATTEN KRAFT BACKED OR FOIL BACKED USED WHEN 4 MIL. POLY OMITTED* –

(TOTAL CEILING=R-38)
*WHEN BLOWN-IN INSULATION IS USED VAPOR BARRIER NOT EXCEEDING 1 PERM MAX. SHALL BE INSTALLED

1-1/4" X 26 GA. X LENGTH METAL STRAP FASTENED W/ 6- 7/16" X 1" PEN. X 14 GA. STAPLES PER STRAP END AT EACH TRUSS (TYPICAL AT SIDEWALLS WITHOUT OVERHANG)

SINGLE T/P (1) #8 X 4" SCREWS
DOUBLE T/P (1) #8 X 6" SCREWS

END WALL TO SIDE WALL FASTENING 3" X .120 GUN NAILS OR #8 X 2 1/2" SCREW OR 7/16" X 3" X 14 GA. STAPLES 5" TO 9" O.C. — 12" MAX.

AIR INFILTRATION
SEALED BETWEEN EXTERIOR WALLS & END WALLS, TOP & BOTTOM PLATES TO ROOF SYSTEM & FLOOR SYSTEM W/ 1/8" X 1/2" PUTTY TAPE, 1/8" X 1/4" FOAM TAPE OR CAULKING PUTTY MAY BE INST. ON EXTERIOR

15# FELT COMPLYING WITH ASTM D226 TYPE 1 OVER ALL SHEATHING TO PROVIDE A CONT. WATER RESISTIVE BARRIER BEHIND EXT. BRICK, CONC. OR STONE VENEER (NOT REQD. FOR LAP SIDING – SEE CODES)

BOTTOM PLATE TO FLOOR SYSTEM FASTENING 2 TO 3 – 3 1/4" X .131 GUN NAILS PER 16" CAVITY

REF. DETAIL 6/RF-1 FOR STRAPPING REQUIREMENTS (TYPICAL AT SIDEWALLS, ENDWALLS AND MARRIAGE WALLS)

7'-6" MIN. 9'-0" MAX. SIDEWALL HEIGHT

2X4 SPF#2 OR SYP#2 STUDS @ 16"O.C. FULL LENGTH FROM FLOOR JOIST TO BOTTOM CHORD OF TRUSS.

APPROVED TRUSS DESIGN
UNIVERSAL FOREST PRODUCTS

SEE PKG

OPTIONAL
OVERHEAD DUCT (HVAC) SYSTEM (SEE PLANS FOR INFORMATION)

RIDGE BEAM
REFER TO STATE PACKAGE(OR FLOOR PLAN) FOR LAMINATED BEAM SPECS., FASTENING, AND SPANS (TYP.)

FIELD FASTENED W/16d NAILS TOE NAILED 8" O.C. EACH SIDE
(NOTE: ENDWALL FASTENING FROM UNIT TO UNIT IS NOT REQUIRED.)

FIBERGLASS SHINGLES CLASS 'A' RATED (MIN) AS PER ASTM E108 INSTALLED PER MANUF. INSTRUCTIONS.

2 LAYER 15# FELT JOINTS TO OVERLAP OR EQUAL SHINGLE UNDERLAYMENT COMPLYING WITH ASTM D226 (2 LAYERS RQD. ON ROOF PITCH OF 3/12 OR LESS) – SHALL BE FASTENED WITH CORROSION RESISTANT FASTENERS.

2 X 3 MIN TOP & BOTTOM RUNNERS REF TO ROOF DRAWINGS RF-1

7'-6" MIN. 9'-0" MAX. CEILING HT. AT MATELINE

ATTIC ACCESS OPENING NOT LESS THAN 22" X 36" FOR ATTIC AREA HAVING CLEAR HT. 30" OR GREATER REF TO DRAWING RF-1

26 GA X 1 1/4" STEEL STRAP FROM TRUSS TO WALL STUD AND/OR FROM RIDGE BEAM TO WALL STUD AT EACH TRUSS WITH (6) 14GA. X 1" PEN. STAPLES PER END PLUS STRAPS @ OPNG. COLUMNS PER FLOOR PLAN (TYP. EACH MARRIAGE WALL)

MARRIAGE WALL STUDS 2X4 SPF #2 @ 16" O.C. MAX.

3/4" T & G PLYWOOD–REF TO DRAWING FL-1 OR 23/32" ORIENTED STRAND BOARD

JOIST HANGERS SHALL HAVE 400# MIN.CAPACITY.

2X10 #2 SYP @ 16"O.C. REFER TO FLOOR DRAWING FL-1

4 MIL. VAPOR BARRIER MIN REF DRAWING #RF-1

2 X 4 TOP PLATE REF. TO DRAWING #TF-1

CEILING MATERIAL

CRIPPLE STUDS 2x4 SPF#2 @ 16" O.C.

2x HEADER PER APPROVED STRUCTURAL PACKAGE

SILL PLATE 2x4 SPF#2

CRIPPLE STUDS 2x4 SPF#2 @ 16" O.C.

LAG SCREWS 48"O.C.SIDE TO SIDE 1.75"MIN PENETRATION

2X2 OR HANGERS TYP.

2X2 OR HANGERS TYP.

2X2 OR HANGERS TYP.

4 MIL. POLY VAPOR BARRIER

R-22 BLANKET INSULATION MIN. (TOTAL FLOOR ASSEMBLY=R-23)

TRANSIT COVER BOTTOM BOARD OR 6 MIL. POLY

(2) 2X10 SYP#2 RIM JOIST EACH HALF. STAGGER BUTT JOINTS 4' APART MINIMUM EACH HALF. LIMIT SPLITS IN ALL RIM JOISTS TO 7 " MAXIMUM.

MARRIAGE LINE PIER AND FOOTING. SEE FOUNDATION PLAN FOR LOCATIONS (SUBJECT TO LOCAL JURISDICTION.)

5X10 OR 5X14 ALUM HEAT DUCT SUPPORTED 8'–0" O.C. WRAPPED R–5 INSULATION MIN.– R–7 (UNLESS OTHERWISE NOTED ON FLOOR PLAN)

FOUNDATION–REF. TO FOUNDATION DRAWINGS

FOUNDATION SUBJECT TO LOCAL CODES & INSPECTION

SITE INSTALL 3/8" LAG SCREWS STAGGERED FROM SIDE TO SIDE @ 48"O.C. MAX. LAG SCREWS MUST PENETRATE 1.75" MIN. INTO ADJACENT MODULE RIM JOIST.

ATTIC VENTILATION

1 SQ.FT. OF NET VENT AREA PER 300 SQ. FT. OF ROOF AREA TO BE PROVIDED BY GABLE AND/OR RIDGE VENTS AND VENTED SOFFIT

ROOF DECKING: 15/32"(CDX) PLYWOOD W/ CLIPS OR 7/16 ORIENTED STRAND BOARD WITH CLIPS

WOOD BEARING STRIP (TYP. AT SIDEWALL AND MARRIAGE WALL)

2 X4 SPF#2 MIN. SIDE RAIL BUTT JOINTS SHALL BE SPLICED ACC TO DWG. RF–1

VENTING

TRUSSES FASTENED TO STUDS SEE DWG. RF–1 FOR INFORMATION
SINGLE T/P (1) #8 X 4" SCREWS
DOUBLE T/P (1) #8 X 6" SCREWS

TOE SCREW THROUGH TOP PLATE INTO EACH TRUSS BOTTOM CHORD (TYP.)
REFERENCE RF–1 FOR FURTHER DETAILS

EXTERIOR SIDING REF TO DRAWING #EXS–1 OR MANUFACTURER'S INSTALLATION INSTRUCTIONS

TYPICAL WINDOW (SEE PLAN)

INSULATION R–15 KRAFT BACKED OR FOIL BACKED(TOTAL WALL ASSEMBLY=R–18)

EXTERIOR WALL STRUCTURAL BRACING
SIDEWALLS:
INSTALLATION:
STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUSLY FROM TOP TO BOTTOM PLATE W/ SHEATHING EDGES EXTENDING 3/4" MINIMUM OVER 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS EXTERIOR WALL FRAMING. A MINIMUM OF 3 FOUR FOOT SECTIONS OF SHEATHING PER SIDEWALL SHALL HAVE ALL EDGES BLOCKED. SPACE BLOCKED SECTIONS EVENLY ALONG EACH SIDEWALL.
BRACING MATERIAL:
3/8" APA RATED SHEATHING, EXP.–1, EXP.–2, EXT., OR 3/8" APA RATED SIDING EXT. FASTENED W/ 8d COMMON OR GALV. BOX NAILS 6" O.C. EDGES AND 8" O.C. IN THE FIELD. (OPT 7/16X1 1/2"X14 GA STAPLES)
ENDWALLS:
INSTALLATION:
STRUCTURAL SHEATHING SHALL EXTEND CONTINUOUS FROM TOP OF TRUSS TOP CHORD TO 3/4" MINIMUM BELOW TOP OF RIM JOIST W/ ALL SHEATHING EDGES SUPPORTED BY 2" NOMINAL LUMBER OF THE SAME SIZE AND GRADE AS EXTERIOR WALL FRAMING.
BRACING MATERIAL:
3/8" APA RATED SHEATHING, EXP.–1, EXP.–2, EXT., OR 3/8" APA RATED SIDING EXT. FASTENED W/ 8d COMMON OR GALV. BOX NAILS. SEE SHEARWALL FASTENING CHART FOR FASTENER SPACING.

(2)2 X 10 #2 SYP (MIN) RIM JOIST REFER TO FLOOR DRAWING FL–1

NOTE:	INTERIOR FINISH MATERIAL:	EXTERIOR FINISH MATERIAL:
ALL PLUMBING IN EXTERIOR WALLS PROTECTED FROM FREEZING WITH INSULATION . MINIMUM CEILING CLEAR HEIGHT – 7'–6" WHERE 1" STAPLES ARE SPECIFIED THIS SHALL MEAN 1" MINIMUM PENETRATION INTO FRAMING.	CEILING: 1/2 INCH GYPSUM BOARD INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS. (STIPPLE FINISH) WALLS: 3/8" THICK (MIN) VINYL COVERED GYPSUM BOARD 3/8" THICK (MIN) UNFINISHED (PAPERBACK) GYPSUM 5/8" THICK TYPE X UNFINISHED (PAPERBACK) GYPSUM AT FIRE PARTITIONS FLOOR: BLOCK, TILE, OR LINOLEUM IN BATHROOM AND OTHER WET AREAS. CARPET, BLOCK TILE, OR LINOLEUM INSTALLED IN ALL OTHER AREAS. (IN ALL BATH AREAS INSTALL WATER PROTECTION)	ROOF OPTION: ROOF MAY BE OMITTED AND INSTALLED ON SITE BY OTHERS. ROOF: FIBERGLASS SHINGLES OVER 1 LAYER OF 15# FELT ROOF OPTION: 29 GA.(.090 0.0179) GALVANIZED METAL ROOF COVERING ROOF OPTION: GALVANIZED METAL ROOF COVERING INSTALLED PER MANUFACTURER'S INSTRUCTIONS. .013 " ASTM A653 G.90. INSTALLED PER MANUFACTURER'S INSTRUCTIONS. WALL: REFER TO TYPICAL DRAWING # EXS–1 AND MANUFACTURER'S INSTALLATION INSTRUCTIONS 1. WALL FINISH SHALL BE INSTALLED OVER APPROVED MOISTURE PROTECTION AND BRACING MATERIAL. 2. MOISTURE PROTECTION BEHIND WALL COVERING SHALL BE AS REQUIRED BY EXTERIOR WALL FINISH MFR'S SPEC'S BUT NOT LESS THAN ONE LAYER OF NO. 15 ASPHALT FELT, COMPLYING WITH ASTM D226 FOR TYPE I FELT, ATTACHED IN SUCH A MANNER AS TO PROVIDE A CONTINUOUS WATER–RESISTIVE BARRIER BEHIND THE EXTERIOR WALL FINISH.

LISTING AGENCY APPROVAL
THESE PLANS COMPLY WITH THE FLORIDA MANUFACTURED BUILDING ACT OF 1979 CONSTRUCTION CODE AND ADHERE TO THE FOLLOWING CRITERIA.

DOMEST. TYPE	VB
OCCUPANCY	R–3
# OF FLOORS	1
WIND VELOCITY	130
EXP. CATEGORY OF EXT. WALLS	D
DWG. #:	1447–5146F
PLAN NO.	
ALLOW. FLOOR LOAD	40
APPROVED	OCT 11 2006
MANUFACTURER	HORTON
HIGH VELOCITY HURRICANE ZONE	NO

IWC

APPROVED
HILBORN, WERNER, CARTER & ASSOC.
OCT 11 2006
MODULAR

CODES: SEE NOTES
LABELS: FL

THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES
1927 SOUTH MYRTLE AVE.
CLEARWATER, FL 33756

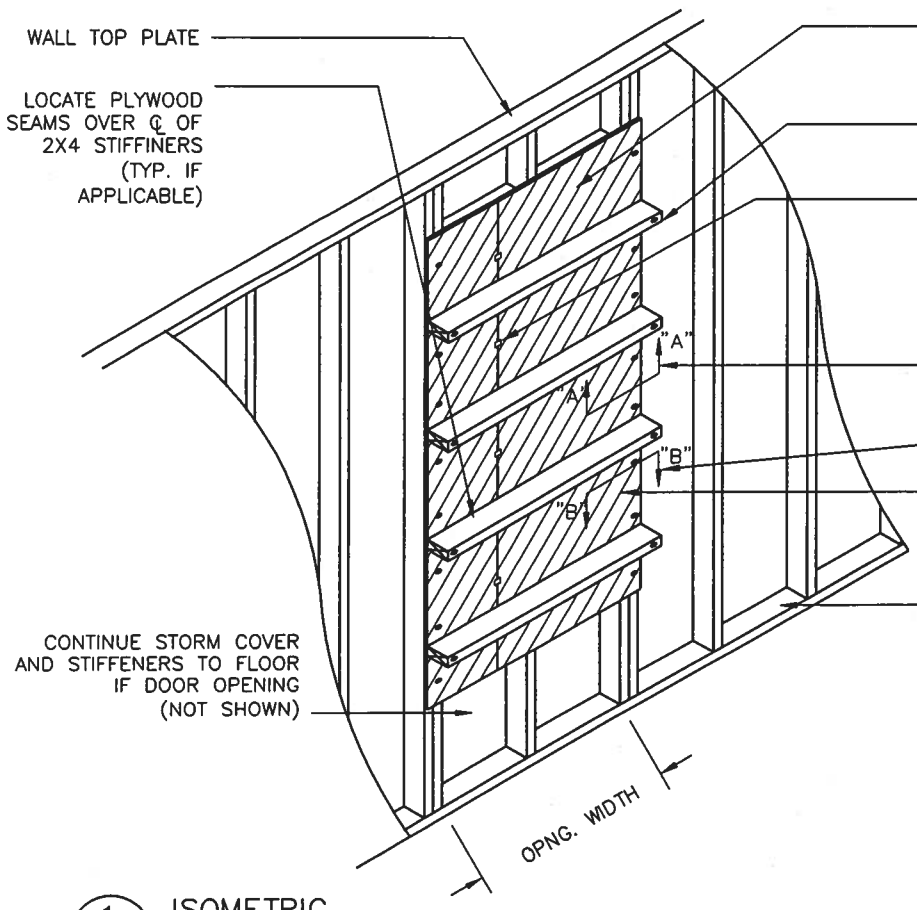
THE 32X68
MC280FG(BOSS)

DRAWN BY: R.E.G.
SCALE: AS NOTED
DATE 9-29-06
REV:
DWG. #. 14 OF 15

DWG# :1447-5146F

HORTON HOMES, INC.
EATONTON, GA 31024

PFS-1



PLYWOOD STORM COVER INSTALLED WITH FACE GRAIN PLACED HORIZONTAL (TYP.) SEE TABLE ON THIS SHEET FOR PLYWOOD SPECIFICATIONS.

2X4 SYP #2 STIFFENERS WITHIN 6" OF TOP AND BOTTOM OF OPENING AT 16"O.C. (MAX.) – SEE NOTE #7

FOR WINDOW/DOOR OPENINGS GREATER THAN 80" IN WIDTH SEE NOTE #8.

TYPICAL SCREW INSTALLATION SEE DETAIL "A"–"A" THIS SHEET.

TYPICAL STIFFENER INSTALLATION SEE DETAIL "B"–"B"

WINDOW/DOOR JAMB/WALL FRAMING BEHIND STORM COVER (SHOWN DASHED)

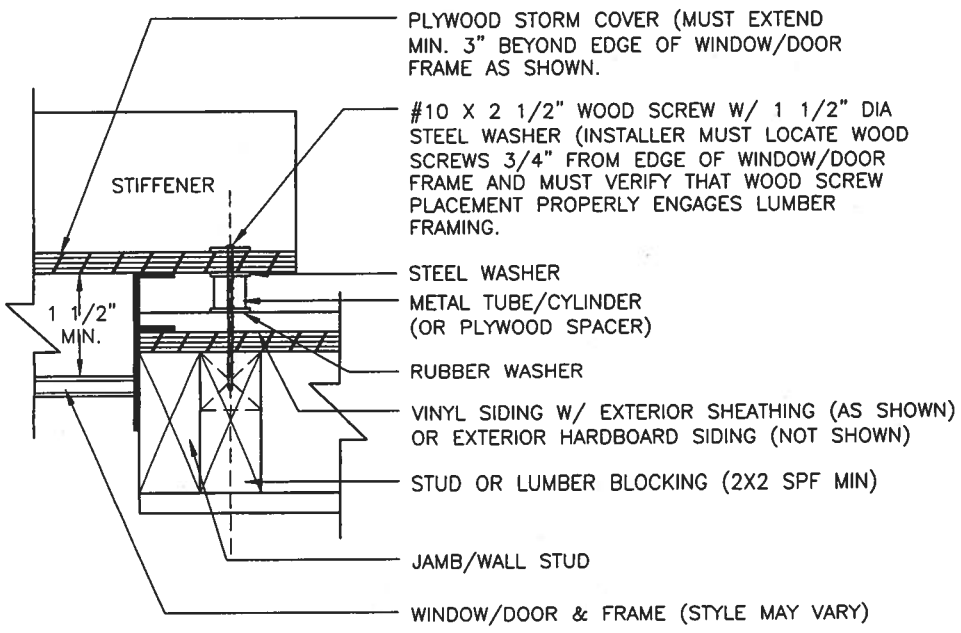
BOTTOM PLATE

PLYWOOD STORM COVER SPECIFICATIONS:
USE EXTERIOR GRADE RATED SHEATHING PLYWOOD WITH THE MINIMUM THICKNESS AND SPAN INDEX SPECIFIED BELOW.

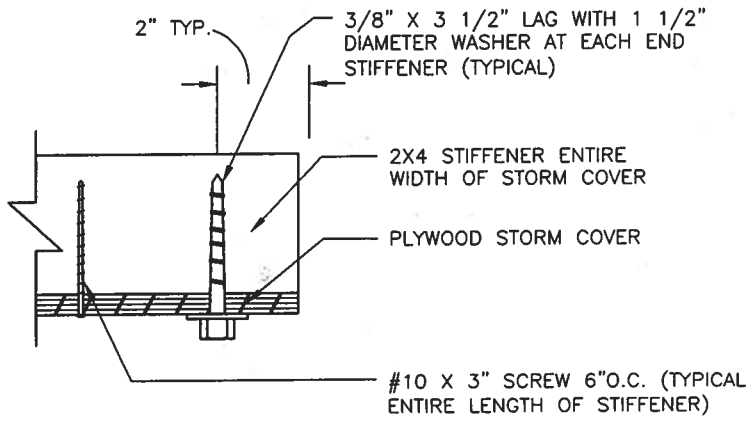
MAX OPNG. WIDTH INDEX	MIN. THICKNESS	SPAN
48"	1/2"	24/0
84"	5/8"	32/16

SEE NOTE #7 WHEN OPENING WIDTH EXCEEDS 84"

1/1 ISOMETRIC
N.T.S.



A/A SECTION – TYP. SCREW INSTALLATION
N.T.S.



B/B SECTION
N.T.S.

GENERAL NOTES:

1. INSTALLER MUST REMOVE ALL DECORATIVE SHUTTERS FROM WINDOWS AND DOORS PRIOR TO INSTALLING THE STORM COVERS SPECIFIED ON THIS DRAWING.

2. WHEN HURRICANE OR SEVERE WIND STORMS APPROACH, THE WINDOW AND DOOR PROTECTION COVERS SPECIFIED ON THIS DRAWING SHOULD BE INSTALLED.

3. IMMEDIATELY AFTER INSTALLING THESE COVERS THE BUILDING MUST BE VACATED AND/OR NO OCCUPANTS SHOULD REMAIN IN THE STRUCTURE.

4. NOTE: THIS STORM PROTECTION SYSTEM DOES NOT PERMIT EGRESS FROM THE BUILDING UNDER FIRE OF OTHER EMERGENCY CONDITIONS.

5. AS SOON AS THE STORM HAS SUBSIDED, ALL STORM PROTECTION MUST BE IMMEDIATELY REMOVED BEFORE OCCUPANCY OF THE BUILDING IS PERMITTED.

6. ALL WOOD SCREW HOLES RESULTING FROM STORM COVER INSTALLATION MUST BE FILLED WITH GOOD QUALITY EXTERIOR GRADE CAULK.

7. WHEN OPENING WIDTH EXCEEDS 84" (UP TO A MAXIMUM OF 120") USE 2X6 SYP #2 STIFFENERS AND USE 3/4" PLYWOOD WITH A SPAN INDEX OF 48/24. ALL OTHER INSTALLATION SPECIFICATIONS REMAIN UNCHANGED.

8. FOR OPENINGS WIDER THAN 80", LOCATE STORM COVER BUTT JOINT WITHIN 30" OF VERTICAL STUDS AND INSTALL "H" CLIPS BETWEEN LUMBER STIFFENERS AS SHOWN.

ROBERT E. GREGG
REGISTERED ARCHITECT
630 CHESTNUT STREET
CLEARWATER, FL 33759
Ph.727-796-8774
Fax727-791-6942
archreg@aol.com

THIRD PARTY: HILBORN, WERNER, CARTER & ASSOCIATES 1627 SOUTH HIGHLAND AVE. CLEARWATER, FL 33756

HILBORN, WERNER, CARTER & ASSOC. APPROVED OCT 11 2006

MODULAR
CODES: SEE NOTES
LABELS: FL

IWC LISTING AGENCY APPROVAL ... OCT 11 2006 ... 2006

SEAL: FL

APPROVED OCT 10 2006

DWG# :1447-5146F
HORTON HOMES, INC.
EATONTON, GA 31024

DRAWN BY: R.E.G.	
SCALE: AS NOTED	
DATE 9-29-06	
REV:	
DWG. #: 15 OF 15	

WINDOW/DOOR STORM DOOR PROTECTION

THE 32X68
MC280FG(BOSS)

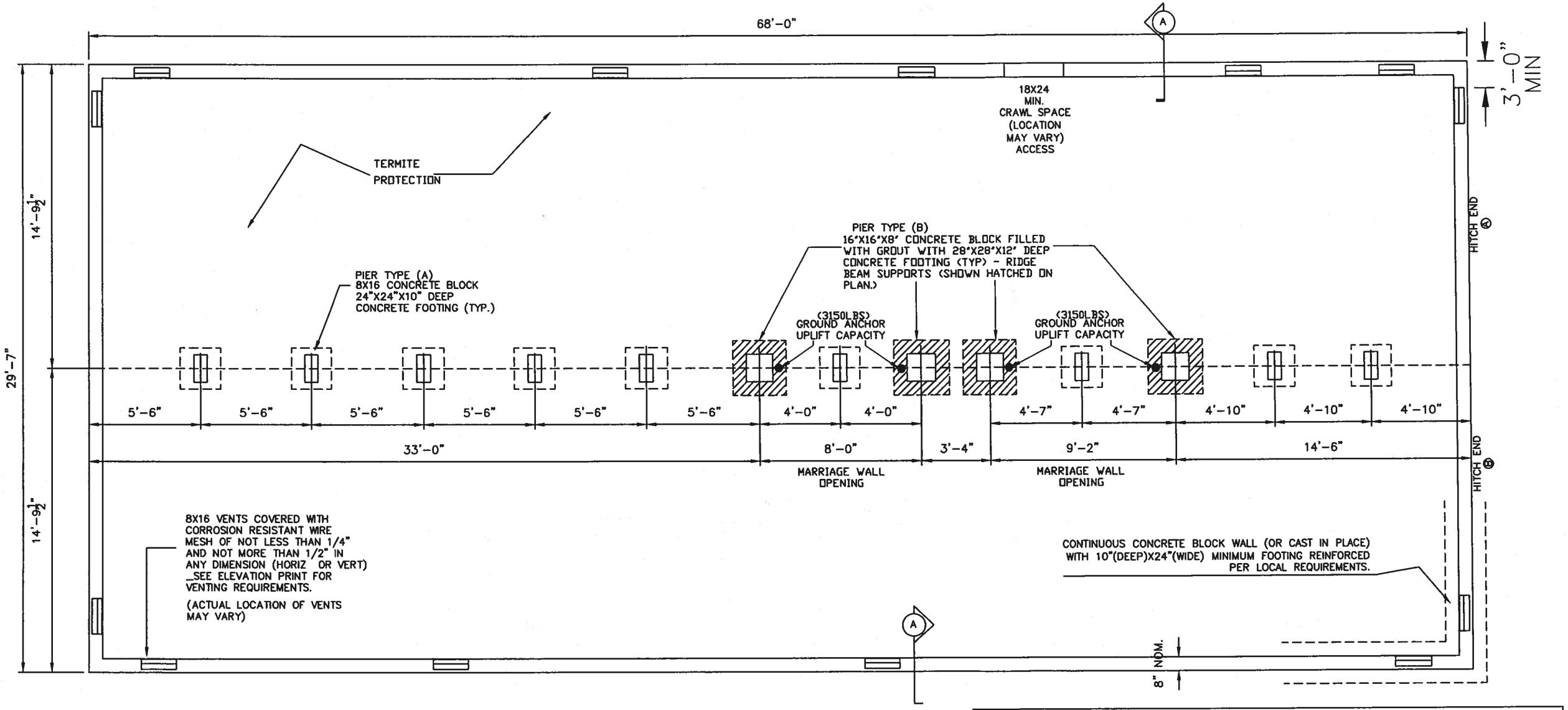
ROBERT E. GREGG
REGISTERED ARCHITECT
63 ARNESTON CIRCLE
CHARLESTON, S.C. 29407
Ph.727-796-8774
Fax.727-791-8942
arcfreg@aol.com

SEAL FL

APPROVED OCT 10 2006

MODULAR

0 6"12" 2' 4' 8' 12'



FOUNDATION PLAN – PERMANENT (OFF FRAME)

THIS PLAN INDICATES A TYPICAL CRAWL SPACE FOUNDATION ONLY. OTHER TYPE FOUNDATIONS (IE: PIER, BASEMENT, SLAB, ETC.) MUST BE DESIGNED, BUILT AND APPROVED ON SITE BY OTHERS AND ARE SUBJECT TO LOCAL JURISDICTION.

NOTE:
THIS FOUNDATION PLAN IS PROVIDED FOR REFERENCE AS A TYPICAL STANDARD. ACTUAL FOUNDATION CONDITIONS MUST BE EVALUATED FOR APPLICABILITY IF THIS PLAN IS TO BE USED. ALTERNATE FOUNDATION PLANS MAY BE DESIGNED BY OTHERS IN ACCORDANCE WITH THE REQUIREMENTS OF THE JURISDICTION HAVING AUTHORITY.

NOTES:

MIN. SOIL BEARING CAPACITY 2000 PSF

CONCRETE COMPRESSION STRENGTH 2500 PSI IN 28 DAYS (FOUNDATION SUBJECT TO LOCAL APPROVAL)

STOOPS, LANDINGS, PORCHES, STAIRS BY OTHERS. TYPE, LOCATION, APPROVAL AND INSPECTION SUBJECT TO LOCAL AUTHORITY AND OR STATE AUTHORITY HAVING JURISDICTION.

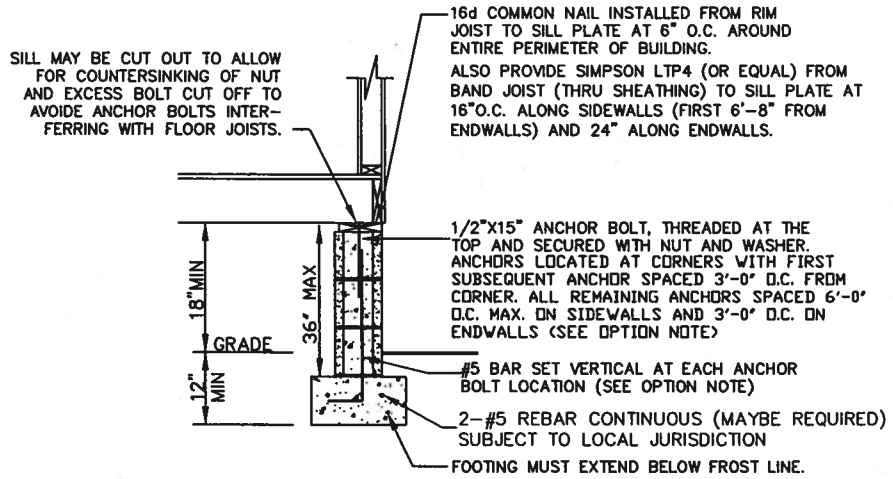
THE 32X68
MC280FG(BOSS)

DWG# :1447-5146F

HORTON HOMES, INC
EATONTON, GA 31024

DRAWN BY:R.E.G.
SCALE: AS NOTED
DATE 9-29-06
REV:
DWG. #. 1 OF 6

OFF FRAME FOUNDATION PLAN

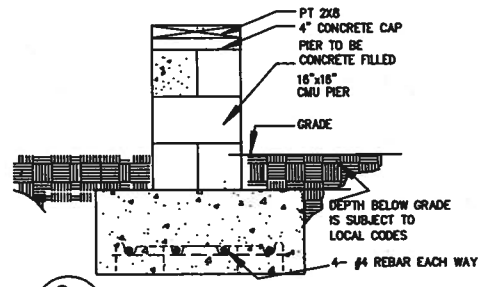


1 SECTION A (SEE PLAN THIS PAGE)

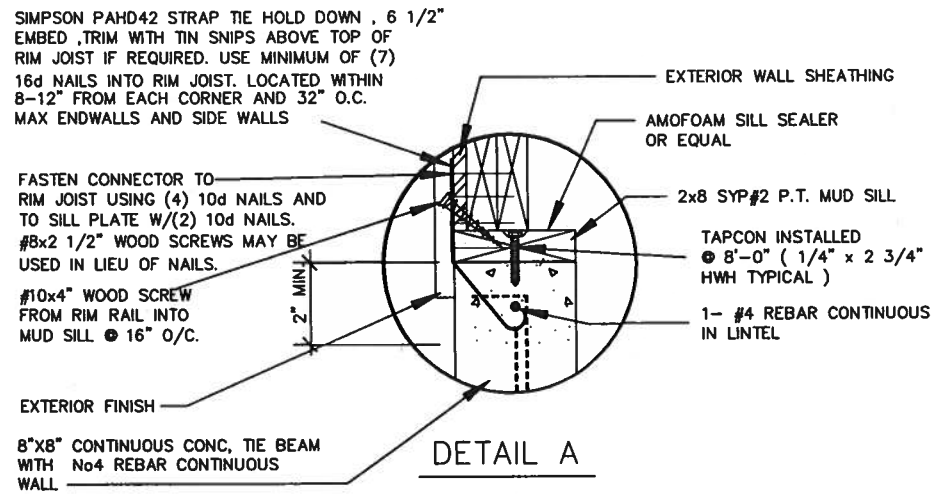
OPTION NOTE: IN LIEU OF ANCHOR BOLTS, PRE-MANUFACTURED MUDSILL ANCHORS (IE: SIMPLEX, USP) MAY BE USED. IF USED, MUDSILL ANCHORS MUST BE INSTALLED ACCORDING TO MFRS INSTRUCTIONS AND ARE SUBJECT TO LOCAL JURISDICTION.

MIN. SOIL BEARING CAPACITY 2000 PSF

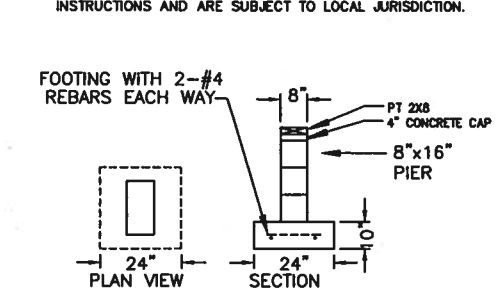
CONCRETE COMPRESSION STRENGTH 2500 PSI IN 28 DAYS (FOUNDATION SUBJECT TO LOCAL APPROVAL)



2 TYP.MATE LINE PIERS



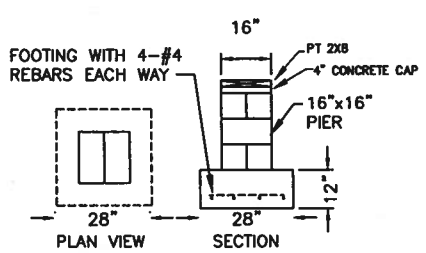
DETAIL A



PIER TYPE A

8X16 CONCRETE BLOCK
24"X24"X10" DEEP

3 PIER TYPE A

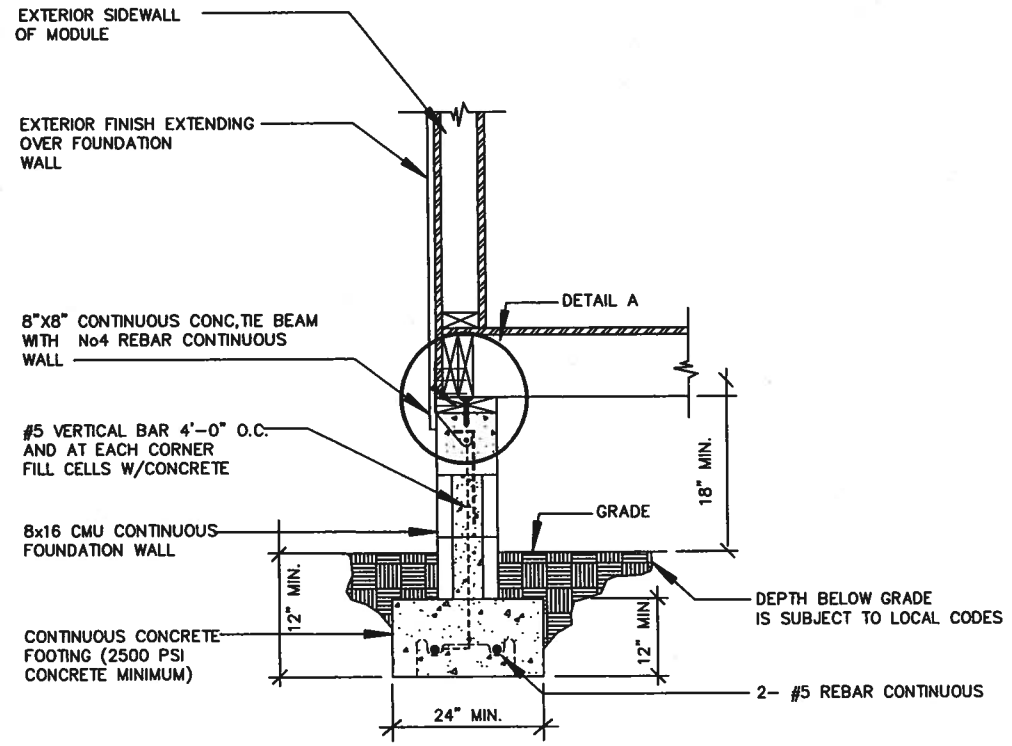


PIER TYPE B

16"X16"X8" CONCRETE BLOCK FILLED WITH GROUT WITH 28"X28"X12" DEEP

4 PIER TYPE B

1. ALL FOUNDATION CONSTRUCTION MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES.
2. ALL PIERS SHALL BE CONSTRUCTED OF8"x8"x16" CONCRETE MASONRY UNITS CONFORMING TO ASTM C90. MASONRY UNITS SHALL BE LAID IN TYPE M OR S MORTAR OR COVERED WITH SURFACE BONDING CEMENT INSTALLED IN ACCORDANCE WITH ITS LISTING. PIER FOOTING SHALL BE AS DESCRIBED ABOVE.
3. ALL REINFORCEMENT BARS SHALL COMPLY WITH ASTM A615 GRADE 60. REINFORCEMENT BARS SHALL BE EQUALLY SPACED AND PLACED WITH 3" CLEARANCE FROM BOTTOM AND SIDES OF THE FOOTING.
4. ALL PIERS SHALL BE CAPPED WITH 4" SOLD CONC CAP, AND 2x8 SYP PRESSURE TREATED SILL PLATES, FULL LENGTH OF PIER.
5. SOIL CAPACITY SHOWN ON THE PLAN IS ASSUMED. IF THE ACTUAL SOIL BEARING CAPACITY IS LESS THAN 2000PSF, THE ARCHITECT/ENGINEER MUST BE CONSULTED FOR REQUIRED ALTERNATE FOUNDATION DESIGN. FOOTING SHALL BE PLACED ON NON-EXPANSIVE SOILS ONLY.
6. BOLTS SHALL HAVE NUT AND WASHERS INSTALLED. BOLTS SHALL BE ASTM A307. CLEARANCE FROM BOTTOM AND SIDES OF THE FOOTING.
7. THE AREA UNDER FOOTINGS AND FOUNDATIONS SHALL HAVE ALL VEGETATION, STUMPS, ROOTS, AND FOREIGN MATERIAL REMOVED PRIOR TO THEIR CONSTRUCTION.
8. THE FOUNDATION DIMENSIONS SHOWN ARE NOMINAL. AN INCREASE IN MODULE WIDTH SHOULD BE EXPECTED DUE TO TO MODULAR EXPANSION, SETTING TOLERANCES, ETC. THE FOUNDATION CONTRACTOR SHOULD CONSULT WITH THE MANUFACTURER OF THE MODULES PRIOR TO CONSTRUCTION OF THE FOUNDATION TO DETERMINE THE AMOUNT OF INCREASED WIDTH TO BE ADDED TO THE NOMINAL DIMENSIONS SHOWN ABOVE.
9. TERRAIN SURROUNDING THE FOUNDATION WALL SHALL BE GRADED TO DRAIN SURFACE WATER AWAY FROM THE FOUNDATION WALLS.



SECTION A

OPTIONAL METHOD

NOTE:
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STOOPS, LANDINGS, PORCHES, STAIRS BY OTHERS. TYPE, LOCATION, APPROVAL AND INSPECTION SUBJECT TO LOCAL AUTHORITY AND OR STATE AUTHORITY HAVING JURISDICTION.

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APPROVED OCT 10 2006

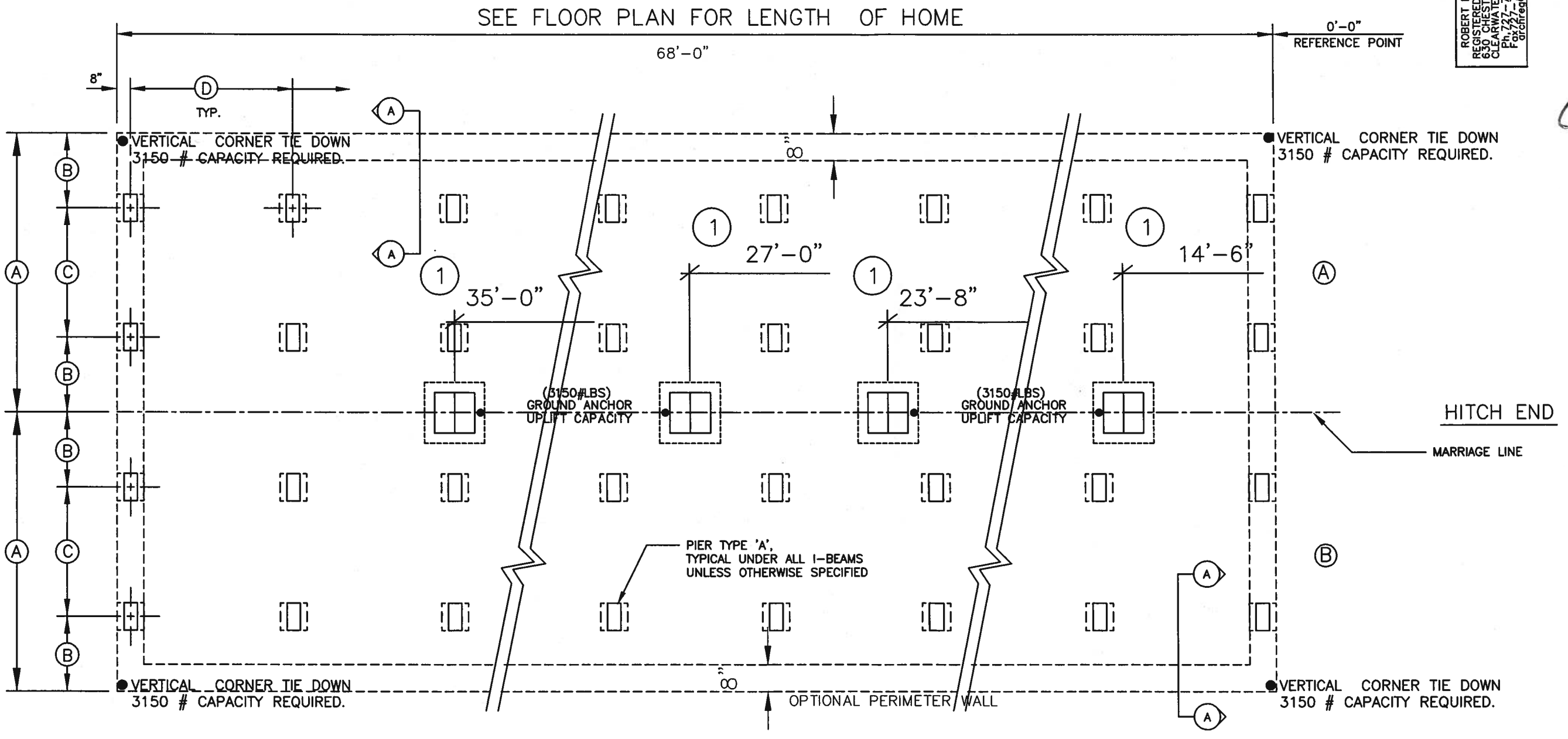
THE 32X68 MC280FG(BOSS)

DWG# :1447-5146F

NORTON HOMES, INC
EATONTON, GA. 31024

DRAWN BY:R.E.G.
SCALE: AS NOTED
DATE 9-29-06
REV:
DWG. #. 2 OF 6

OFF FRAME FOUNDATION NOTES



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MODULAR

0 6'12" 2' 4' 8' 12'

THE 32X68
MC280FG(BOSS)

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ON FRAME FOUNDATION PLAN

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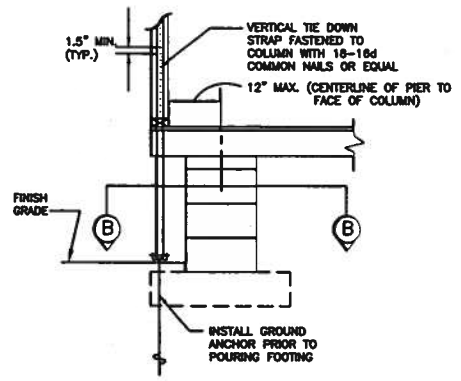
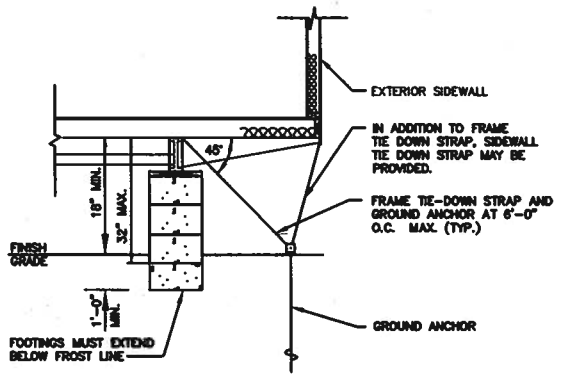
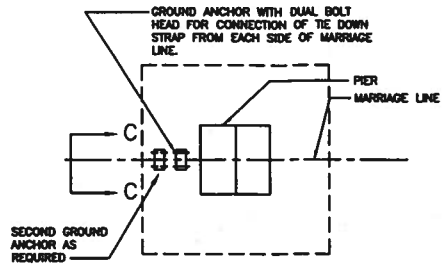


VERTICAL TIE DOWN STRAP DETAIL



SECTION A-A

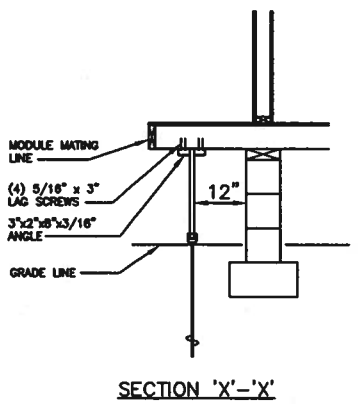
TYP GROUND ANCHORS



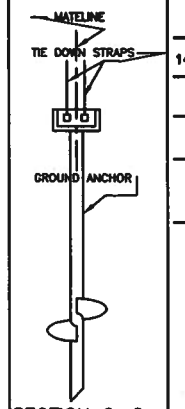
SECTION B-B
PLAN VIEW OF VERTICAL TIE DOWN STRAP AT MARRIAGE LINE COLUMNS.

FOUNDATION NOTES:

1. ALL FOUNDATION CONSTRUCTION, MATERIALS, AND INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES.
2. TIE-DOWN STRAPS TO BE 1-1/4"x .035" TYPE-1, FINISH B, GRADE 1 ZINC COATED STEEL STRAPPING CERTIFIED BY A REGISTERED ENGINEER OR ARCHITECT AS CONFORMING WITH ASTM D3953-91. TIE DOWN STRAPS AND CONNECTING HARDWARE SHALL HAVE 3150# MINIMUM WORKING CAPACITY.
3. EACH GROUND ANCHOR SHALL HAVE A WORKING CAPACITY NO LESS THAN THE SUM OF THE REQUIRED WORKING CAPACITIES OF ALL TIE DOWN STRAPS CONNECTED TO THE GROUND ANCHOR, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. DESIGN OF GROUND ANCHOR, INCLUDING SHAFT LENGTH, NUMBER AND DIAMETER OF HELIXES, ETC., TO BE AS SPECIFIED BY THE GROUND ANCHOR MANUFACTURER FOR THE ACTUAL SOIL TYPE ENCOUNTERED. IF THE HOLDING OR PULLOUT CAPACITIES OF GROUND ANCHORS ARE BELOW THE ASSUMED DESIGN VALUES, THE ARCHITECT/ENGINEER MUST BE CONSULTED FOR AN ALTERNATE ANCHORAGE DESIGN.
4. THE FIRST TIE-DOWN STRAP FROM ENDWALLS SHALL NOT EXCEED 1/2 THE MAXIMUM SPACING INDICATED.
5. ALL PIERS SHALL BE CONSTRUCTED OF 8"x 8"x 16" CONCRETE MASONRY UNITS CONFORMING TO ASTM C90. MASONRY UNITS SHALL BE LAID IN TYPE M OR S MORTAR OR COVERED WITH SURFACE BONDING CEMENT INSTALLED IN ACCORDANCE WITH ITS LISTING. PIER FOOTINGS SHALL BE AS DESCRIBED ABOVE.
6. MINIMUM CONCRETE FOOTING COMPRESSIVE STRENGTH 2,500 PSI AT 28 DAYS.
7. ALL REINFORCEMENT BARS SHALL COMPLY WITH ASTM A615, GRADE 60. REINFORCEMENT BARS SHALL BE EQUALLY SPACED AND PLACED WITH 3" CLEARANCE FROM BOTTOM AND SIDES OF THE FOOTING.
8. ALL PIERS SHALL BE CAPPED WITH a 4" CONCRETE CAP BLOCK AND A 2x8 SYP PRESSURE TREATED SILL PLATES,FULL LENGTH OF PIERS (IF NEEDED) FULL LENGTH OF PIER. PIERS SHALL PROVIDE A TRUE AND EVEN BEARING SURFACE.
9. I-BEAM SUPPORT PIERS MAY BE INSTALLED LATERALLY (90° FROM THE ORIENTATION SHOWN ON THE FOUNDATION PLAN). CENTERLINE OF EACH PIER MUST BE LOCATED DIRECTLY BELOW THE I-BEAM CENTERLINE.
10. SOIL BEARING CAPACITY SHOWN ON THIS PLAN IS ASSUMED. IF THE ACTUAL SOIL BEARING CAPACITY IS LESS THAN 2,000 PSF, THE ARCHITECT/ENGINEER MUST BE CONSULTED FOR REQUIRED ALTERNATE FOUNDATION DESIGN. FOOTINGS SHALL BE PLACED ON NON-EXPANSIVE SOILS ONLY.
11. INSTALL BLOCK PIER ON EACH SIDE OF ALL EXTERIOR DOOR OPENINGS. (MANUFACTURER'S RECOMMENDATION ONLY - OPTIONAL WHEN NOT SHOWN) SLIGHT ADJUSTMENT MAY BE REQUIRED TO INSURE OPENABILITY AFTER INSTALLATION OF BUILDING IS COMPLETE.
12. THE AREA UNDER FOOTINGS AND FOUNDATIONS SHALL HAVE ALL VEGETATION, STUMPS, ROOTS, AND FOREIGN MATERIALS REMOVED PRIOR TO THEIR CONSTRUCTION.
13. THE FOUNDATION DIMENSIONS SHOWN ARE NOMINAL. AN INCREASE IN MODULE WIDTH SHOULD BE EXPECTED DUE TO MODULE EXPANSION, SETTING TOLERANCES, ETC. THE FOUNDATION CONTRACTOR SHOULD CONSULT WITH THE MANUFACTURER OF THE MODULES PRIOR TO CONSTRUCTION OF THE FOUNDATION TO DETERMINE THE AMOUNT OF INCREASED WIDTH TO BE ADDED TO THE NOMINAL DIMENSIONS SHOWN ABOVE.



SECTION 'X'-'X'

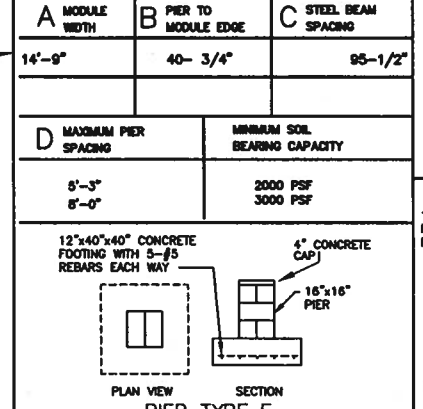


SECTION C-C

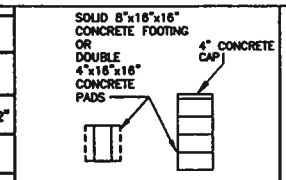
FOUNDATION DIMENSIONS

A MODULE WIDTH	B PIER TO MODULE EDGE	C STEEL BEAM SPACING
14'-9"	40- 3/4"	95-1/2"

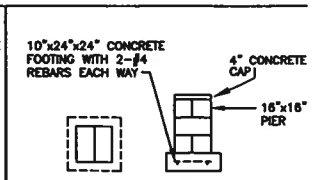
D MAXIMUM PIER SPACING	MINIMUM SOIL BEARING CAPACITY
5'-3"	2000 PSF
8'-0"	3000 PSF



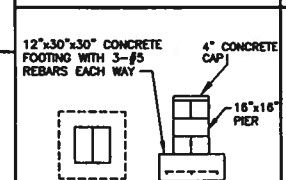
PIER TYPE E



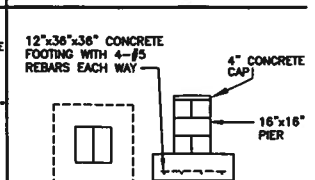
PIER TYPE A



PIER TYPE B



PIER TYPE C



PIER TYPE D

MARRIAGE WALL PIER REQUIREMENTS

PIER NUMBER (1)	MINIMUM SOIL BEARING CAPACITY	PIER TYPE	NUMBER OF VERTICAL TIE DOWN STRAPS REQ'D (EACH MODULE)
(1)	2000 PSF	C	1
	3000 PSF	C	1
	2000 PSF		
	3000 PSF		
	2000 PSF		
	3000 PSF		

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FLORIDA

THE 32X68
MC280FG(BOSS)

DRAWN BY:R.E.G.
SCALE: AS NOTED
DATE 9-29-06
REV:
DWG. #: 4 OF 6

ON FRAME FOUNDATION NOTES

DWG# :1447-5146F

NORTON HOMES, INC
EATONTON, GA 31024

ALL PIERS SHALL BE CAPPED WITH a 4" CONCRETE CAP BLOCK
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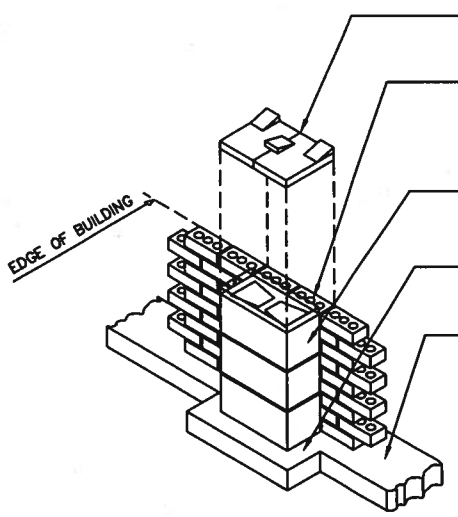
FULL LENGTH OF PIER. PIERS SHALL PROVIDE A TRUE AND EVEN BEARING SURFACE.



PRESSURE TREATED WOOD CAP WITH SHIMS AS REQUIRED FOR FIT.

BRICKS AT PIER LOCATIONS MUST BE TIED TO CMU PIER BEYOND WITH BRICK TIES. (16"MAX. VERTICALLY, MIN. OF ONE HORIZ.) BRICKS MUST COMFORM TO ASTM C 216 (STANDARD FOR LOAD BEARING BRICK)

CMU PIER (SEE FOUNDATION PRINT FOR LOCATIONS/SPACING) BLOCKS MAY BE LAID IN MORTAR OR COVERED WITH SURFACE BONDING CEMENT.

FOOTING AT PIER MUST EXTEND A MINIMUM OF 4" PAST THE CMU OR BRICK IN ANY DIRECTION.

FOOTING NOT ADJACENT TO CMU PIER TO BE SIZED ACCORDING TO LOCAL JURISDICTION CODES/REQUIREMENTS.

OPTIONAL PERIMETER PIER (BRICK UNDERPINNING)
FOR ONFRAME FOUNDATION

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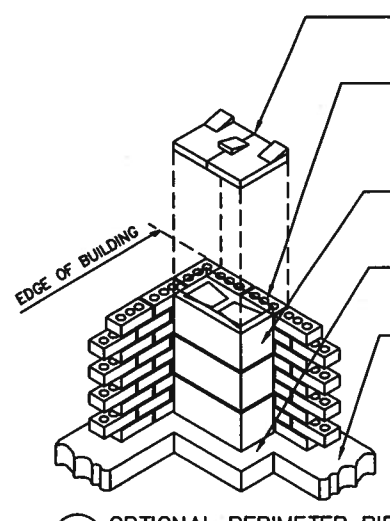

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OPTIONAL PERIMETER PIER AT CORNER (BRICK UNDERPINNING)
FOR ONFRAME FOUNDATION

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SEAL

APPROVED OCT 10 2006

OPTIONAL PERIMETER PIER AT CORNER(BRICK UNDERPINNING)

DWG# :1447-5146F

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EATONTON, GA 31024

DRAWN BY:R.E.G.
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DWG. #. 5 OF 6

THE 32X68

MC280FG(BOSS)

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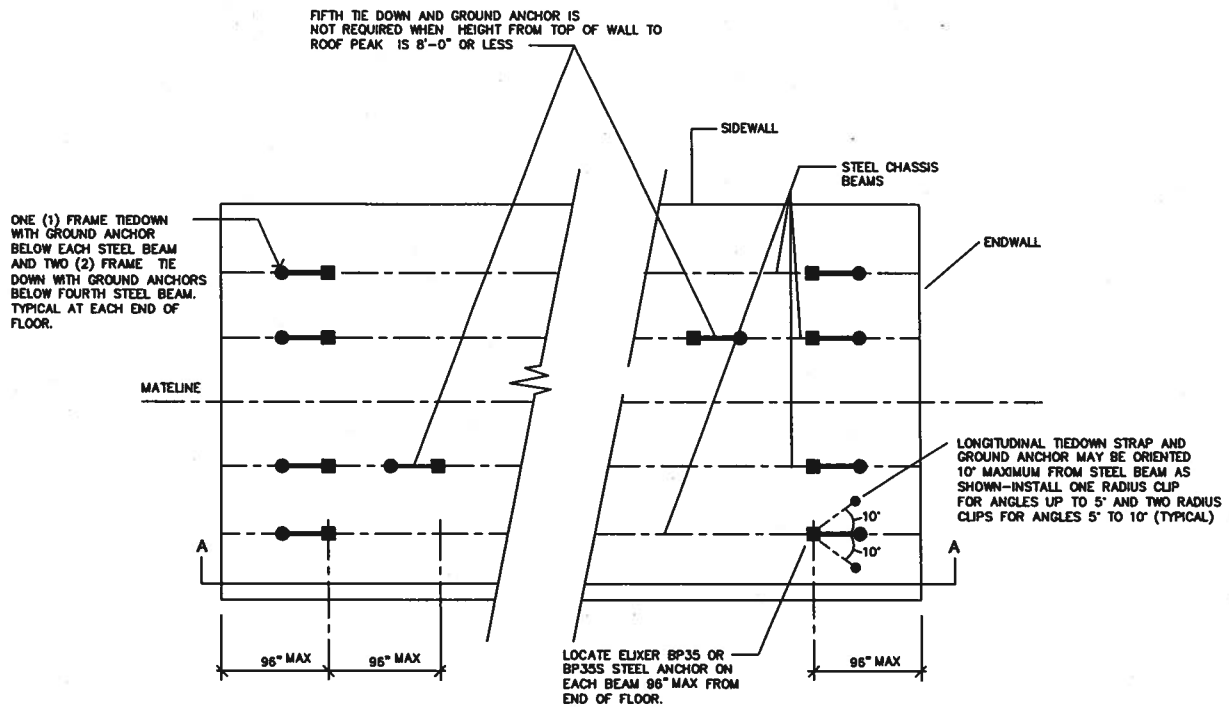
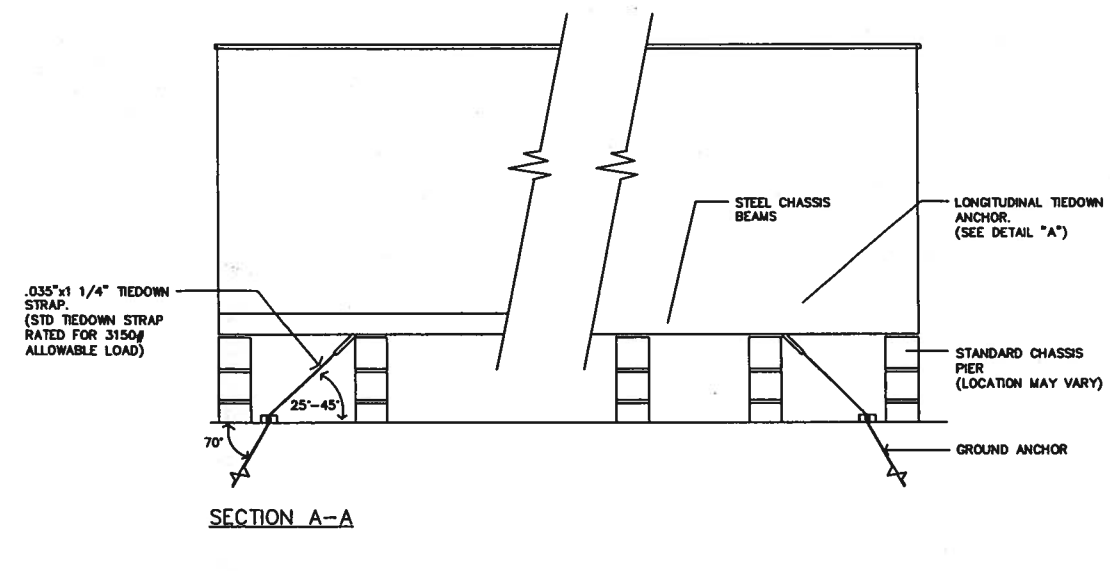
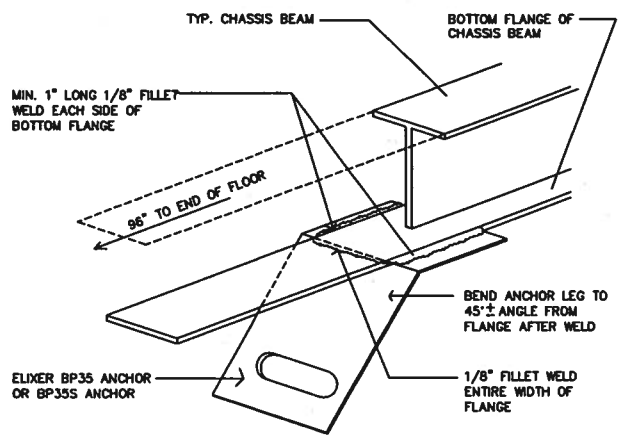


PLAN VIEW



SECTION A-A



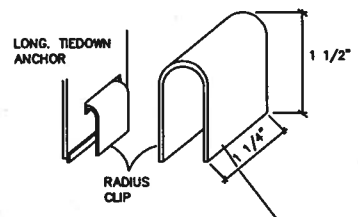
DETAIL A

NOTES
1. MAXIMUM WIND SPEED = 130 MPH
2. DESIGN DOES NOT INCLUDE COASTAL OR OCEAN HAZARD AREAS, OR REGULATORY FLOOD PLAIN AREAS.
3. MAXIMUM WALL HEIGHT = 9'-0"
4. MAXIMUM GABLE HEIGHT AT ENDWALL = 7'-9"
5. MAXIMUM MODULE WIDTHS = 11'-8" THRU 14'-9"
6. REFER TO FOUNDATION NOTES ON MODEL PLANS FOR ADDITIONAL INFORMATION.

7. IN WIND ZONES OF 90 MPH OR LESS THE QUANTITY OF LONGITUDINAL TIE DOWN STRAPS AND GROUND ANCHORS MAYBE REDUCED TO TWO (2) PER EACH END OF BUILDING.** STRAPS SHOULD BE INSTALLED ON I-BEAMS LOCATED NEAREST THE EXTERIOR SIDEWALLS.

** WHEN MAXIMUM WALL HEIGHT IS 8'-0" AND THREE (3) PER-EACH END OF BUILDING WHEN MAXIMUM WALL HEIGHT IS 9'-0"

TYPICAL ALL DOUBLE WIDE MODELS
TIEDOWN INSTALLATION



TIEDOWN RADIUS CLIP

INSTALLER TO FABRICATE RADIUS CLIP BY PLACING STRAIGHT 3" LENGTH OF 1 1/4"x.035" TIEDOWN STRAP IN ANCHOR SLOT AND MANUALLY BENDING THE STRAP TO THE CONFIGURATION SHOWN.
2018-14

THE 32X68 MC280FG(BOSS)

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LONGITUDINAL FRAME TIE-DOWN