

DATE06/26/2007

Columbia County Building Permit

PERMIT000025953

This Permit Expires One Year From the Date of Issue

APPLICANTJERRY CASTAGNA

PHONE386.755.6867

ADDRESS521NW OLD MILL ROADLAKE CITYFL32055

OWNERJULIO & BELISSA BETANCES

PHONE

ADDRESS256NW FAIRWAY DRIVELAKE CITYFL32055

CONTRACTORJERRY CASTAGNA

PHONE387.755.6867

LOCATION OF PROPERTY90-W TO COMMERCE DRIVE,TL TO FAIRWAY DRIVE AND IT'S THE 1ST HOME ON L.

TYPE DEVELOPMENTATTACHED GARAGE

ESTIMATED COST OF CONSTRUCTION5000.00

HEATED FLOOR AREATOTAL AREA816.00

HEIGHT12.00STORIES1

FOUNDATIONCONCWALLSFRAMED

ROOF PITCH4'12FLOORCONC

LAND USE & ZONINGRSF-2

MAX. HEIGHT35

Minimum Set Back Requirments:STREET-FRONT25.00

REAR15.00SIDE10.00

NO. EX.D.U.1

FLOOD ZONEXPS

DEVELOPMENT PERMIT NO.

PARCEL ID34-3S-16-02309-040

SUBDIVISIONFAIRWAY VIEW

LOT40

BLOCK

PHASE

UNIT1

TOTAL ACRES1.00

CBC047842

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

EXISTINGX-07-239

BLK

JTH

N

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: ACCESSORY USE. ATTACHED GARAGE.

Check # or Cash4903

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power

Foundation

Monolithic

date/app. by

date/app. by

date/app. by

Under slab rough-in plumbing

Slab

Sheathing/Nailing

date/app. by

date/app. by

date/app. by

Framing

Rough-in plumbing above slab and below wood floor

date/app. by

date/app. by

Electrical rough-in

Heat & Air Duct

Peri. beam (Lintel)

date/app. by

date/app. by

date/app. by

Permanent power

C.O. Final

Culvert

date/app. by

date/app. by

date/app. by

M/H tie downs, blocking, electricity and plumbing

Pool

date/app. by

date/app. by

Reconnection

Pump pole

Utility Pole

date/app. by

date/app. by

date/app. by

M/H Pole

Travel Trailer

Re-roof

date/app. by

date/app. by

date/app. by

BUILDING PERMIT FEE \$25.00

CERTIFICATION FEE \$4.08

SURCHARGE FEE \$4.08

MISC. FEES \$0.00

ZONING CERT. FEE \$50.00

FIRE FEE \$0.00

WASTE FEE \$

FLOOD DEVELOPMENT FEE \$

FLOOD ZONE FEE \$25.00

CULVERT FEE \$

TOTAL FEE108.16

INSPECTORS OFFICE

CLERKS OFFICE

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.

After Recording return to:

Castagna Construction
521 NW Old Mill Rd
Lake City FL 32055

Permit No. _____

NOTICE OF COMMENCEMENT
FS 713.13

State of Florida
County of Columbia

Inst:200712014159 Date:6/26/2007 Time:8:27 AM
19 DC,P.DeWitt Cason ,Columbia County Page 1 of 1

THE UNDERSIGNED hereby gives notice that improvement 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. Legal description of property and street address if available: LOT 40 FAIRWAY
VIEW 34-35-16-02309-0410

General description of improvement: Attach Garage by
Breezeway

2. Owner Information: Name and address: Julio Betances

b. Interest in property: 100%

c. Name and address of fee simple titleholder (if other than Owner)
Same as Owner

3. Contractor: Name and address: Castagna Construction
521 NW Old Mill Rd Lake City, FL 32056
Phone number 386-255-1667 Fax number (optional, if service by fax is acceptable) Same as phone

4. Surety: Name and address N/A
Phone number N/A Fax number (optional, if service by fax is acceptable) _____

Amount of Bond \$ N/A

Lender: Name and address N/A

Phone number N/A Fax number (optional, if service by fax is acceptable) N/A

5. 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): _____

Phone numbers of designated persons _____

Fax number (optional, if service by fax is acceptable) _____

6. In addition to himself or herself, Owner designates _____ of _____
to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

Phone number of person or entity designated by owner _____ Fax
number (optional, if service by fax is acceptable) _____

7. Expiration date of Notice of Commencement (the expiration date is one (1) year from the date of recording unless a different date is specified) _____

[Signature]

Signature of Owner

Notary Public Seal
Melinda Pettyjohn
Commission # DB367867
Expires November 1, 2008
Notary Public - Notary, Inc. 800-908-7019



STATE OF FLORIDA
COUNTY OF Columbia

Sworn to (or affirmed) and subscribed before me this 26th day of June, 2007
by Jerry Castagna who is personally known to me
or who has produced _____ as identification
and who did _____ or did not _____ take an oath.

Melinda Pettyjohn

Notary Public (Signature)

Columbia County Building Permit Application

CK# 4903

For Office Use Only Application # 0706-41 Date Received 6/12/07 By 6 Permit # 25953
Application Approved by - Zoning Official BZK Date 25.6.07 Plans Examiner AKTH Date 6-21-07
Flood Zone XP Snyg Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low D
Comments Accessions Use
NOC needed

Applicants Name JERRY CASTAGNA Phone 867-0061
Address 521 NW OLD MILL DR LAKE CITY FLA 32055
Owners Name JULIO + BELISSA BATANAS Phone 386-755-6867
911 Address 256 NW FAIRWAY DRIVE LAKE CITY FLA
Contractors Name Castagna Conc Inc Phone 386-755-6867
Address 521 NW OLD MILL DR - LAKE CITY FLA 32055
Fee Simple Owner Name & Address JULIO + BELISSA BATANAS
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address WILLIAM MYERS / PO BOX 1513 L.C.
Mortgage Lenders Name & Address N/A

Property ID Number 34-35-16-02309-040 Estimated Cost of Construction 5,000
Subdivision Name LA FAIRWAY VIEW Lot 40 Block 1 Unit I Phase 1
Driving Directions 90 W TO COMMENCE DRIVE PASS L.C.
MED CENTER TO FIRST HOUSE ON LEFT AT
COUNTRY CLUB ON FAIRWAY DRIVE
Type of Construction Attached GARAGE Number of Existing Dwellings on Property 1
Total Acreage 1 AC Lot Size 1 AC Do you need a - Culvert Permit or Culvert Waiver or Have an Existing
Actual Distance of Structure from Property Lines - Front 30 Side 100 Side 100 Rear 23
Total Building Height 12'0" Number of Stories 1 Heated Floor Area N/A Roof Pitch 4/12
TOTAL 816

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 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 COMMENCEMENT 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.

Jerry Castagna
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 11th day of June 2007.
Personally known ✓ or Produced Identification _____

Jerry Castagna
Contractor Signature
Contractors License Number CB04784
Competency Card Number _____

NOTARY STAMP/SEAL
Melinda Pettyjohn
Commission # DD367867
Expires November 1, 2008
Bonded Troy Pelt - Insurance, Inc. 800-988-7618
Notary Signature

Columbia County Property Appraiser

DB Last Updated: 5/11/2007

2007 Proposed Values

Parcel: 34-3S-16-02309-040

Tax Record

Property Card

Interactive GIS Map

Print

Owner's Name

<< Prev

Search Result: 2 of 2

Owner's Name	BETANCES JULIO R &		
Site Address	NOTE		
Mailing Address	BELISSA YORDAN BETANCES P O BOX 9024162 SAN JUAN, PR 009024162 USA		
Use Desc. (code)	SINGLE FAM (000100)		
Neighborhood	26316.03	Tax District	2
UD Codes	MKTA06	Market Area	06
Total Land Area	0.000 ACRES		
Description	LOT 40 FAIRWAY VIEW S/D UNIT 1 ORB 367-124, 671-280, 678-50,		

GIS Aerial



Property's Assessment Values

Mkt Land Value	cnt: (1)	\$29,500.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (1)	\$192,866.00
XFOB Value	cnt: (7)	\$11,943.00
Total Appraised Value		\$234,309.00

Just Value	\$234,309.00
Class Value	\$0.00
Assessed Value	\$234,309.00
Exempt Value	\$0.00
Total Taxable Value	\$234,309.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
NONE						

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	1991	WD FR Stucco (16)	2800	3400	\$192,866.00
Note: All S.F. calculations are based on exterior building dimensions.						

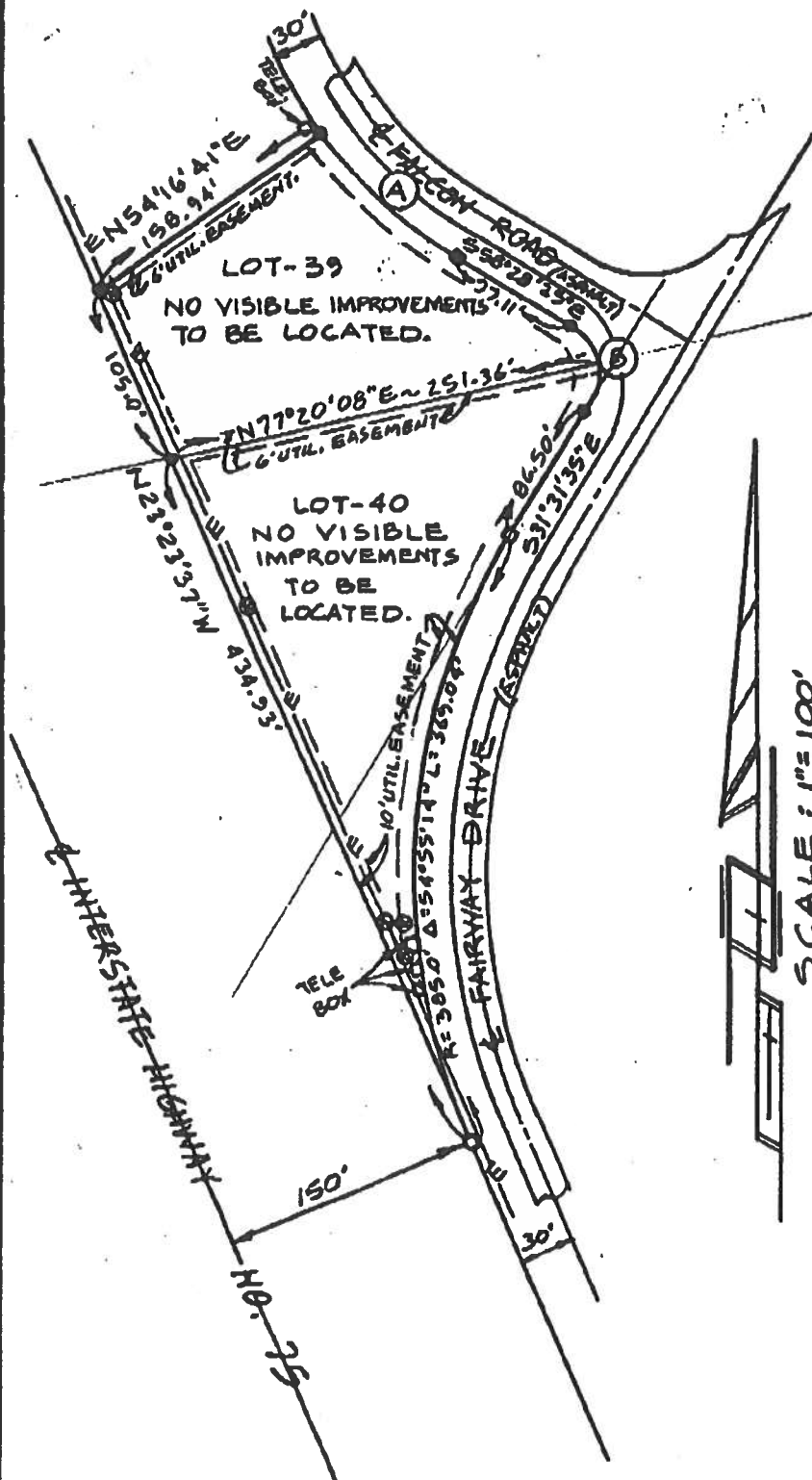
Sales Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0180	FPLC 1STRY	0	\$2,300.00	1.000	0 x 0 x 0	(.00)
0166	CONC,PAVMT	0	\$840.00	600.000	30 x 20 x 0	(.00)
0166	CONC,PAVMT	0	\$1,680.00	1200.000	50 x 24 x 0	(.00)
0166	CONC,PAVMT	0	\$4,410.00	3150.000	210 x 15 x 0	(.00)
0258	PATIO	1993	\$203.00	81.000	9 x 9 x 0	(.00)

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1.000 LT - (.000AC)	1.00/1.00/1.00/1.00	\$29,500.00	\$29,500.00

CURVE DATA

(A) $R = 260.00'$ (B) $R = 30.00'$
 $\Delta = 24^\circ 05' 11''$ $\Delta = 90^\circ 00' 00''$
 $L = 109.30'$ $L = 47.12'$



BOUNDARY SURVEY IN SECTION 34, TOWNSHIP 3 SOUTH
RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA.

LEGEND:

1. ● = CONCRETE MONUMENT FOUND.
2. ○ = CONCRETE MONUMENT, P.L.S. NO. 1079, SET.
3. ⊗ = POWER POLE.
4. ● = IRON PIPE FOUND.

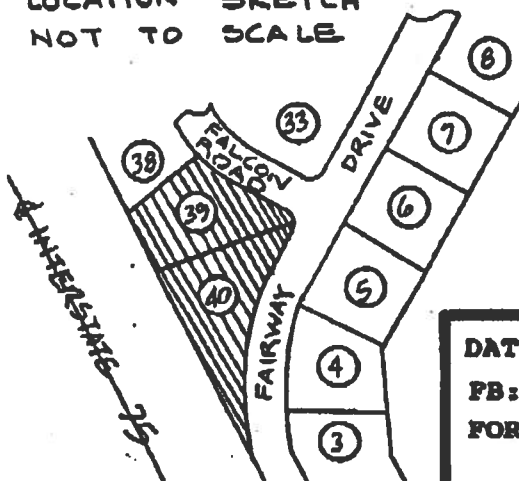
Description:

Lot 39 & 40 of "Fairway View Unit 1", as per plat thereof recorded in Plat Book 3, Page 97, 98 & 99, of the public records of Columbia County, Florida.

Surveyor's Notes:

1. Boundary based on monumentation found.
2. Bearings based on plat of record.
3. This parcel is in zone "X" and is determined to be outside the 500 year flood plain as per Flood Insurance Rate Map, dated 6 Jan. 1988, Community Panel No. 120070 0175 b.
4. Certified to:
 - A. Terry McDavid, Attorney at Law.
 - B. Raffel Arroyo.

LOCATION SKETCH
NOT TO SCALE



SURVEYOR'S CERTIFICATION:

I, THE UNDERSIGNED REGISTERED LAND SURVEYOR, HEREBY CERTIFY THAT A SURVEY OF THE ABOVE DESCRIBED PROPERTY WAS MADE UNDER MY DIRECTION AND THAT THIS IS A TRUE AND CORRECT REPRESENTATION THEREOF TO THE BEST OF MY KNOWLEDGE AND BELIEF THAT THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN AND THAT THE IMPROVEMENTS ARE AS INDICATED HEREON. THIS SURVEY MEETS THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA. (CHAPTER 21 EE-6 F.A.C.)

LAUREN E. BRITT, P.L.S.
FLA. CERT. NO. 1079

DATE: 14 DEC 1988
FB: 95 PG: 42
FOR: OTEIZA/ARROYO

BRITT SURVEYING
1426 W. DUVAL STREET
LAKE CITY, FLORIDA 32055
(904) 752-7163

L-3795

Lot 40

258 Fairway Dr.

251'

new 2 car garage

existing house

531.35'

Fairway Drive.

434.93'

58'

34'

10'

34'

Breeze way

City water
City sewer.

Castagna Cons Inc
Site Plan.



Columbia County Tax Collector

Site Provided by...
governmentmax.com T1.13

Tax Record

print

Last Update: 6/19/2007 1:33:10 PM EDT

Details

Tax Record

» Print View

Legal Desc.
Appraiser Data
Tax Payment
Payment History

Searches

Account Number
GEO Number
Owner Name
Property Address
Certificate **NEW!**
Mailing Address

Site Functions

Disclaimer
Tax Search
Local Business Tax
Tax Sale List
Contact Us
County Login
Home

Ad Valorem Taxes and Non-Ad Valorem Assessments

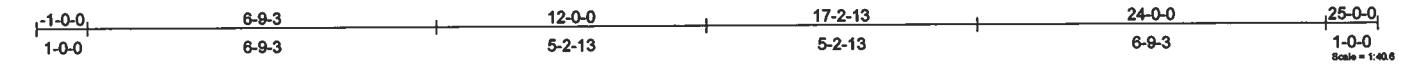
The information contained herein does not constitute a title search and should not be relied on as such.

Account Number	Tax Type	Tax Year	
R02309-040	REAL ESTATE	2006	
Mailing Address BETANCES JULIO R & BELISSA YORDAN BETANCES P O BOX 9024162 SAN JUAN PR USA 00902		Property Address GEO Number 163S34-02309-040	
Assessed Value	Exempt Amount	Taxable Value	
\$217,161.00	\$0.00	\$217,161.00	
Exemption Detail NO EXEMPTIONS Legal Description (click for full description) 34-3S-16 0100/0100 LOT 40 FAIRWAY VIEW S/D UNIT 1 ORB 367-124, (280, 678-50,	Millage Code 002	Escrow Code 640	
Ad Valorem Taxes			
Taxing Authority	Rate	Exemption Amount	Taxable Value
BOARD OF COUNTY COMMISSIONERS	8.7260	0	\$217,161.00
COLUMBIA COUNTY SCHOOL BOARD			
DISCRETIONARY	0.7600	0	\$217,161.00
LOCAL	4.9750	0	\$217,161.00
CAPITAL OUTLAY	2.0000	0	\$217,161.00
SUWANNEE RIVER WATER MGT DIST	0.4914	0	\$217,161.00
SHANDS AT LAKE SHORE	2.2500	0	\$217,161.00
COLUMBIA COUNTY INDUSTRIAL	0.1380	0	\$217,161.00
Total Millage	19.3404	Total Taxes	\$41,716.10
Non-Ad Valorem Assessments			
Code	Levying Authority		
FFIR	FIRE ASSESSMENTS		
GGAR	SOLID WASTE - ANNUAL		
Total Assessments			
Taxes & Assessments			\$41,716.10

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
STOCK	T1	FINK	1	1	

84 COMPONENTS-APOPKA, APOPKA, FL

6.300 s Apr 19 2006 MiTek Industries, Inc. Tue Jan 30 16:54:50 2007 Page 1



8-9-9		15-2-7		24-0-0	
8-9-9		6-4-14		8-9-9	
LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 20.0	2-0-0	TC 0.37	in (loc) l/defl L/d	MT20	244/190
TCDL 7.0	Plates Increase 1.25	BC 0.60	Vert(LL) 0.16 2-10 >999 360	Weight: 100 lb	
BCLL 0.0	Lumber Increase 1.25	WB 0.17	Vert(TL) -0.43 2-10 >661 240		
BCDL 10.0	Rep Stress Incr NO	(Matrix)	Horz(TL) 0.07 6 n/a n/a		
	Code FBC2004/TPI2002				

LUMBER
 TOP CHORD 2 X 4 SYP No.2
 BOT CHORD 2 X 4 SYP No.2
 WEBS 2 X 4 SYP No.3

BRACING
 TOP CHORD Structural wood sheathing directly applied or 4-0-9 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 6-3-4 oc bracing.

REACTIONS (lb/size) 2=809/0-3-8, 6=809/0-3-8
 Max Horz2=-85(load case 6)
 Max Uplift2=-433(load case 7), 6=-433(load case 8)
 Max Grav2=939(load case 2), 6=939(load case 2)

FORCES (lb) - Maximum Compression/Maximum Tension
 TOP CHORD 1-2=0/16, 2-3=-2031/1127, 3-4=-1779/988, 4-5=-1779/988, 5-6=-2031/1127, 6-7=0/16
 BOT CHORD 2-10=-959/1883, 9-10=-566/1307, 8-9=-566/1307, 6-8=-859/1883
 WEBS 3-10=-353/362, 4-10=-229/534, 4-8=-229/534, 5-8=-353/362

NOTES

- 1) This truss has been checked for uniform roof live load only, except as noted.
- 2) Wind: ASCE 7-02; 120mph (3-second gust); h=30ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp B; enclosed; MWFRS gable end zone and C-C Exterior(2) zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60. This truss is designed for C-C for members and forces, and for MWFRS for reactions specified.
- 3) This truss has been designed as per FBC Sect. 1609.4.3 Load reduction, for multiple live loads.
- 4) As requested, plates have not been designed to provide for placement tolerances or rough handling and erection conditions. It is the responsibility of the fabricator to increase plate sizes to account for these factors.
- 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 433 lb uplift at joint 2 and 433 lb uplift at joint 6.

LOAD CASE(S) Standard

Samuel A. Greenberg, RE,
 DANSCO Engineering, LLC
 P.O. Box 3400
 Apollo Beach, FL 33672
 CA 25948

Date: 1/31/07

Warning!—Verify design parameters and read notes before use.

This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 National Design Standard for Metal Plate Connected Wood Truss Construction and BCSI 1-03 Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

UNIVERSAL

ENGINEERING SCIENCES

**Consultants in: Geotechnical Engineering •
Environmental Sciences • Construction Materials Testing**

4475 S.W. 35th Terrace • Gainesville, Florida 32608 • (352) 372-3392

REPORT ON IN-PLACE DENSITY TESTS

Perm. 2 NA

CLIENT: Costanga Constr

PROJECT: Betancor Residence Garage Addition
258 NW Fairway Dr. Lake City, FL.

AREA TESTED: Fill + 1070 bldg pad

COURSE: FLG

DEPTH OF TEST: 0"-1'

TYPE OF TEST: ASTM D-2922

DATE TESTED: 6-6-07

NOTE: The below tests ~~DO NOT~~ meet the minimum 95 % compaction requirements of maximum density.

REMARKS:

[illegible]

TECH. 15

PRODUCT PERFORMANCE DATA

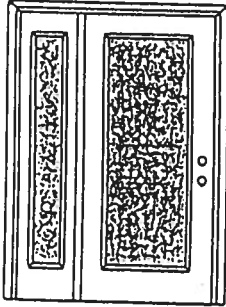
HURRICANE CODE

WOOD-EDGE STEEL DOOR IN WOOD FRAME

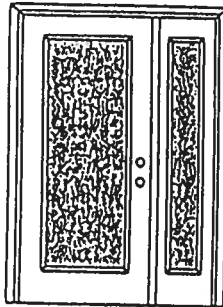
PRODUCT CERTIFICATION SHEET 01-0314.29 (PADE-OUTSWING)

Valid for the following side-hinged door arrangements (Sheet 1 of 2):

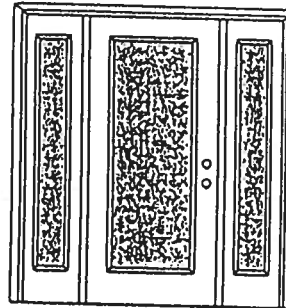
GLAZED DOORS - 6'8" NOMINAL HEIGHT:



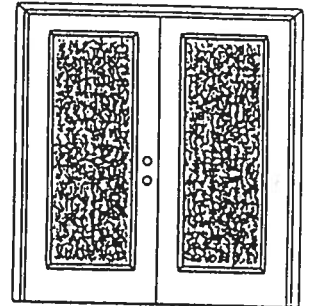
Single Door with Sidelite
on Hinge side



Single Door with Sidelite
on Strike side

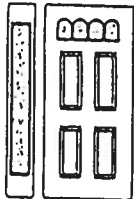


Single Door with 2 Sidelites



Double Doors

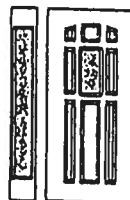
DOOR STYLES - 1/4 GLASS:



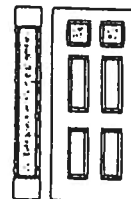
100 Series



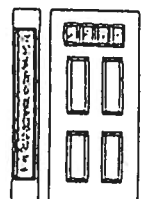
133, 135 Series



136 Series



680 Series

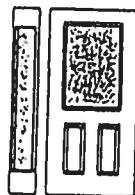


822 Series

1/2 GLASS:



105 Series



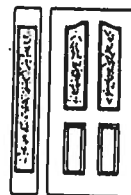
106, 160 Series



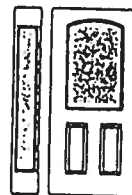
129 Series



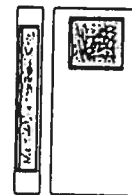
200 Series



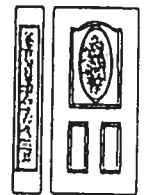
12 R/L, 23 R/L,
24 R/L Series



107 Series



108 Series



304 Series

MULTI_WE_STL_WD_GLZ-1

Entergy
Entry Systems

Our continuing program of product improvement makes specifications, design and product detail subject to change without notice.

PREMIER
makes
it!



March 6, 2002

Subject: Elk Product Approval Information

All Prestique® and Capstone® products manufactured in Tuscaloosa, AL are certified under the Miami – Dade County Building Code Office (BCCO). These products also meet the requirements for the Florida Building Code since they are MD approved. The following test protocols must be passed by each of the products in order for MD product certification:

ASTM D3462

PA 100 (110 mph uplift and wind driven rain resistance)

PA 107 (Modified ASTM D3161 - 110 mph wind uplift resistance)

The nailing patterns that were used during the PA 100 and PA 107 wind test protocols for the Prestique and Capstone products are listed below. Also listed below are the Miami – Dade Notice of Acceptance Numbers (NOA).

Raised Profile, Prestique High Definition, Prestique 25, or Prestique 30 –

PA 100 = 4 nails

PA 107 = 5 nails

MD NOA# = 01-1226.04

Prestique I 35 or Prestique I* –

PA 100 = 4 nails

PA 107 = 5 nails

MD NOA# = 01-1226.05

Prestique Plus or Prestique Gallery Collection* –

PA 100 = 4 nails

PA 107 = 4 nails

MD NOA# = 01-1226.03

Capstone*

PA 100 = 4 Nails

PA 107 = 4 Nails

MD NOA# = 01-0523.01

* As per the Elk Limited Warranty, six nails are required for the Elk high wind warranty.

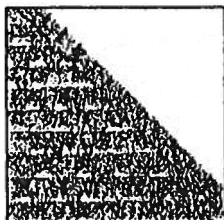
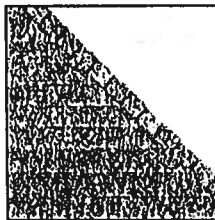
If there are any questions please contact:

Mike Reed – Technical Manager
(205) 342-0287

or Daniel DeJarnette – QA Engineer
(205) 342-0298

**ELK**

Roofing Products Specifications - Tuscaloosa, AL

**PRESTIQUE®
HIGH DEFINITION®****RAISED PROFILE™****Prestique High Definition**

The Prestique High Definition shingle is a

Product size	13 1/2" x 39 3/4"	50-year limited warranty period:
Exposure	5 1/2"	non-prorated coverage for
Pieces/Bundle	16	shingles and application labor for
Bundles/Square	4/98.5 sq. ft.	the initial 5 years, plus an option
Squares/Pallet	11	for transferability*; prorated
		coverage for application labor and
		shingles for balance of limited
		warranty period; 5-year limited
		wind warranty*.

Raised Profile

Product size	13 1/2" x 38 1/2"	30-year limited warranty period:
Exposure	5 1/2"	non-prorated coverage for
Pieces/Bundle	22	shingles and application labor for
Bundles/Square	3/100 sq. ft.	the initial 5 years, plus an option
Squares/Pallet	16	for transferability*; prorated
		coverage for application labor and
		shingles for balance of limited
		warranty period; 5-year limited
		wind warranty*.

Prestique High Definition

Product size	13 1/2" x 39 3/4"	40-year limited warranty period:
Exposure	5 1/2"	non-prorated coverage for
Pieces/Bundle	16	shingles and application labor for
Bundles/Square	4/98.5 sq. ft.	the initial 5 years, plus an option
Squares/Pallet	11	for transferability*; prorated
		coverage for application labor and
		shingles for balance of limited
		warranty period; 5-year limited
		wind warranty*.

HIP AND RIDGE SHINGLES

Size:	12" x 12"
Exposure:	6 1/4"
Pieces/Bundle:	45
Coverage:	4 Bundles = 100 linear feet

Raised Profile High Definition

Product size	13 1/2" x 38 1/2"	30-year limited warranty period:
Exposure	5 1/2"	non-prorated coverage for
Pieces/Bundle	22	shingles and application labor for
Bundles/Square	3/100 sq. ft.	the initial 5 years, plus an option
Squares/Pallet	16	for transferability*; prorated
		coverage for application labor and
		shingles for balance of limited
		warranty period; 5-year limited
		wind warranty*.

52 Bundles/Pallet
18 Pallets/Truck
936 Bundles/Truck
19 Pieces/Bundle
1 Bundle = 120.33 linear feet

Available Colors: Antique Slate, Weatheredwood, Shakedown, Sablewood, Hickory, Barkwood™, Forest Green, Wedgewood™, Birchwood™, Sandalwood Gallery Collection: Balsam Forest™, Weathered Sage™, Sierra Sunset™.

All Prestique, Raised Profile and Seal-A-Ridge roofing products contain Elk WindGuard® sealant. WindGuard activates with the sun's heat, bonding shingles into a wind and weather resistant cover that resists blow-offs and leaks.

Check for availability with built-in StainGuard® treatment to inhibit the discoloration of roofing granules caused by the growth of certain types of algae. Not available in Sablewood.

All Prestique and Raised Profile shingles meet UL® Wind Resistant (UL 997) and Class "A" Fire Ratings (UL 790); and ASTM Specifications D 3018, Type-I; D 3161, Type-I; E 108 and the requirements of ASTM D 3462.

All Prestique and Raised Profile shingles meet the latest Metro Dade building code requirements.

* See actual limited warranty for conditions and limitations.

** Check for product availability.

SPECIFICATIONS

SCOPE: Work includes furnishing all labor, materials and equipment necessary to complete installation of (name) shingles specified herein. Color shall be (name of color). Hip and ridge type to be Elk Seal-A-Ridge with formula FLX.

All exposed metal surfaces (flashing, vents, etc.) to be painted with matching Elk roof accessory paint.

PREPARATION OF ROOF DECK: Roof deck to be dry, well-seasoned 1" x 6" (25.4mm x 152.4mm) boards; exterior-grade plywood (exposure 1 rated sheathing) at least 3/8" (9.525mm) thick conforming to the specifications of the American Plywood Association; 7/16" (11.074mm) oriented strandboard; or chipboard. Most fire retardant plywood decks are NOT approved substrates for Elk shingles. Consult Elk Field Service for application specifications over other decks and other slopes.

MATERIALS: Underlayment for standard roof slopes, 4" per foot (101.6/304.8mm) or greater: apply non-perforated No. 15 or 30 asphalt-saturated felt underlayment. For low slopes (4" per foot (101.6/304.8mm) to a minimum of 2" per foot (50.8/304.8mm)), use two plies of underlayment overlapped a minimum of 19". Fasteners shall be of sufficient length and holding power for securing material as required by the application instructions printed on shingle wrapper.

For areas where algae is a problem, shingles shall be (name) with StainGuard treatment, as manufactured by the Elk Tuscaloosa plant. Hip and ridge type to be Seal-A-Ridge with formula FLX with StainGuard treatment.

Complete application instructions are published by Elk and printed on the back of every shingle bundle. All

warranties are contingent upon the correct installation as shown on the instructions. These instructions are the minimum required to meet Elk application requirements. In some areas, building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements less than those contained in its application instructions.

For specifications in CSI format, call 800.354.SPEC (7732) or e-mail specinfo@elkcorp.com.

SOUTHEAST &
ATLANTIC OFFICE:
800.945.5551

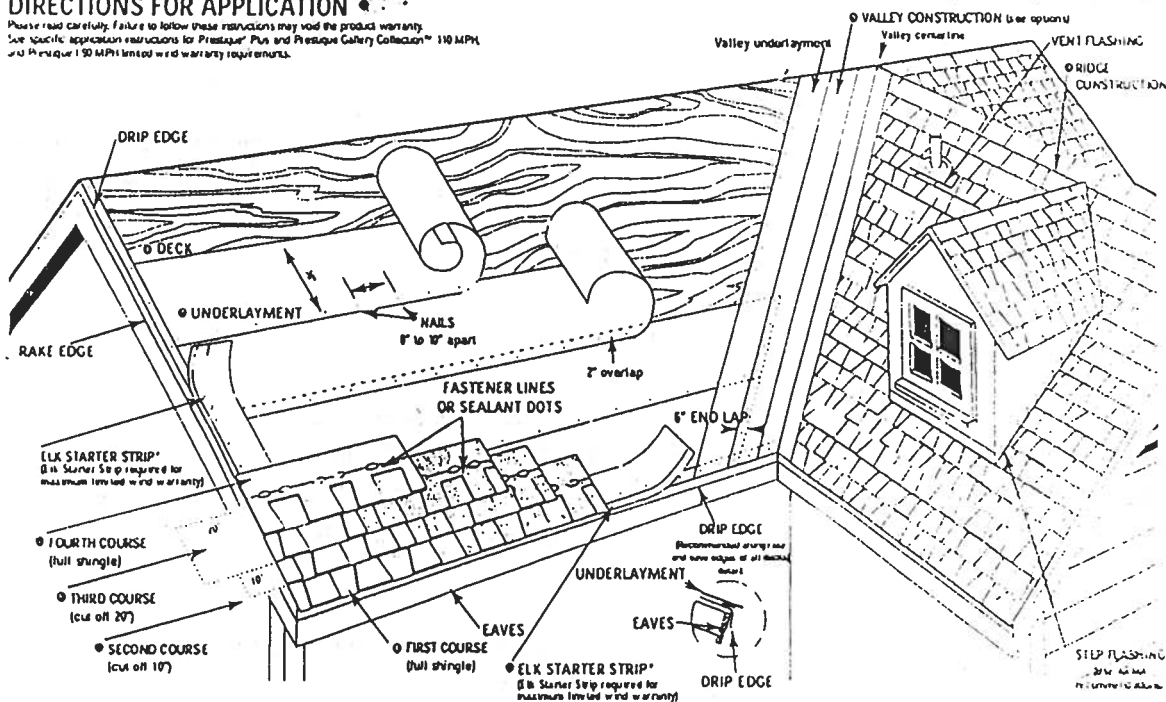
CORPORATE HEADQUARTERS:
800.354.7732

PLANT LOCATION:
800.945.5545

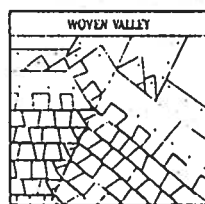
ELK
www.elkcorp.com

DIRECTIONS FOR APPLICATION

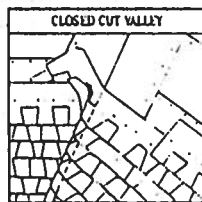
Please read carefully. Failure to follow these instructions may void the product warranty. See specific application instructions for Prestique® Plus and Prestique Gallery Collection™ 110 MPH and Prestique 150 MPH limited wind warranty requirements.



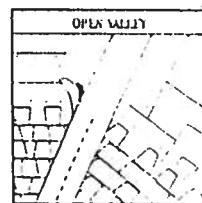
◎ VALLEY CONSTRUCTION OPTION (California Open and California Closed are also acceptable) NOTE: For complete ARMA valley installation details see ARMA Residential Asphalt Roofing Manual.



VALLEY CENTER LINE



VALLEY CENTER LINE



VALLEY CENTER LINE

DIRECTIONS FOR APPLICATION

These application instructions are the minimum required to meet Elk's application requirements. Your failure to follow these instructions may void the product warranty. In some areas, the building codes may require additional application techniques or methods beyond our instructions. In these cases, the local code must be followed. Under no circumstances will Elk accept application requirements that are less than those stated here. Shingles should not be joined together. All attics should be properly ventilated. Note: It is not necessary to remove tape on back of shingle.

◎ DECK PREPARATION

Roof decks should be dry, well-seasoned 1" x 6" boards or exterior grade plywood minimum 3/8" thick and conform to the specifications of the American Plywood Association or 1/2" oriented strandboard or 1/2" chipboard.

◎ UNDERLAYMENT

Apply underlayment (Non-Perforated No. 15 or 30 asphalt saturated felt). Cover drip edge at eaves only.

For low slope (2/12 up to 4/12), completely cover the deck with two plies of underlayment overlapping a minimum of 18". Begin by fastening a 19" wide strip of underlayment placed along the eaves. Place a full 36" wide sheet over the starter, horizontally placed along the eaves and completely overlapping the starter strip.

EAVE FLASHING FOR ICE DAMS (ASK A ROOFING CONTRACTOR, REFER TO ARMA MANUAL OR CHECK LOCAL CODES)

For standard slope (4/12 to less than 24/12), use coated roll roofing of no less than 50 pounds over the felt underlayment extending from the eave edge to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

For low slope (2/12 up to 4/12), use a continuous layer of asphalt saturated cement between the two plies of underlayment from the eave edge up roof to a point at least 24" beyond the inside wall of the living space below or one layer of a self-adhered eave and flashing membrane.

Consult the Elk Field Service Department for application specifications over other decks and other slopes.

◎ STARTER SHINGLE COURSE

USE AN ELK STARTER STRIP OR A STRIP SHINGLE INVERTED WITH THE HEADLAP APPLIED AT THE EAVE EDGE. With at least 4" trimmed from the end of the first shingle, start at the rake edge justifying the eave 1/2" to 3/4". Fasten 2" from the lower edge and 1" from each side. Shingles may be applied with a course a minimum of 45" on the roof.

◎ FIRST COURSE

Start at rake and continue course with full shingles laid flush with the starter course.

◎ SECOND COURSE

Start at the rake with the shingle having 10" trimmed off and continue across roof with full shingles.

◎ THIRD COURSE

Start at the rake with the shingle having 20" trimmed off and continue across roof with full shingles.

◎ FOURTH COURSE

Start at the rake and continue with full shingles across roof FIFTH AND SUCCEEDING COURSES.

Repeat application as shown for second, third, and fourth courses. Do not rock shingles straight up the roof.

◎ VALLEY CONSTRUCTION

Open, woven and closed cut valleys are acceptable when applied by Asphalt Roofing Manufacturers Association (ARMA) recommended procedures. For most valleys, use 36" wide vertical underlayment prior to applying 1/2" metal flashing (secure edge with nails). No nails are to be within 6" of valley center.

◎ RIDGE CONSTRUCTION

For ridge construction use Class "A" Seal-A-Ridge® with formula FLX™ (See ridge package for installation instructions.)

FASTENERS

While nailing is the preferred method for Elk shingles, Elk will accept fastening methods according to the following instructions.

Always nail or staple through the fastener line or on products without fastener lines, nail or staple between and in line with sealant dots.

NAILS: Corrosive resistant, 3/8" head, minimum 12-gauge roofing nails. Elk recommends 1-1/4" for new roofs and 1-1/2" for re-roofing. In cases where you are applying shingles to a roof that has an exposed overhang for new roofs only, 3/4" ring shank nails are allowed to be used from the eave's edge to a point up the roof that is past the outside wall line. 1" ring shank nails allowed for re-roof.

STAPLES: Corrosive resistant, 16-gauge minimum, crown width minimum of 15/16". Note: An improperly adjusted staple gun can result in raised staples that can cause a fish-mouthed appearance and can prevent sealing.

Fasteners should be long enough to obtain 3/4" deck penetration or penetration through deck, whichever is less.

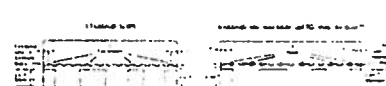
MANSARD APPLICATIONS

Correct fastening is critical to the performance of the roof. For slopes exceeding 60° (or 24/12) use six fasteners per shingle. Locate fasteners in the fastener area 1" from each side edge with the remaining four fasteners equally spaced along the length of the double thickness (laminated) area. Only fastening methods according to the above instructions are acceptable.

LIMITED WIND WARRANTY

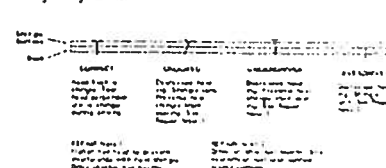
For a Limited Wind Warranty, all Prestique and Raised Profile® shingles must be applied with 6 properly placed fasteners, or in the case of mansard applications, 6 properly placed fasteners per shingle.

For a Limited Wind Warranty up to 110 MPH for Prestique Gallery Collection or Prestique Plus or 90 MPH for Prestique I shingles must be applied with 6 properly placed NAILS per shingle. SHINGLES SHAPPLIED WITH STAPLES WILL NOT QUALIFY FOR THIS ENHANCED LIMITED WIND WARRANTY. Also, Elk Starter Strip shingles must be applied at the eaves and rake edges to qualify Prestique Plus, Prestique Gallery Collection and Prestique I shingles for this enhanced Limited Wind Warranty. Under no circumstances should the Elk Shingles or the Elk Starter Strip overhang the eaves or rake edge more than 3/4" of an inch.



HELP STOP BLOW-OFFS AND CALL-BACKS

A minimum of four fasteners must be driven into the double THICKNESS (laminated) area of the shingle. Nails or staples must be placed through the fastener line or between and in line with sealant dots. Do not use fasteners on the shingle alignment.



Refer to local codes which in some areas may require specific application techniques beyond those Elk has specified. All Prestique and Raised Profile shingles have a Class B Wind Resistance Rating when applied in accordance with these instructions using nails or staples on re-roofs as well as new construction.

CAUTION TO WHOLESALE: Careless and improper storage or handling can harm fiberglass shingles. Keep these shingles completely covered, dry, reasonably cool, and protected from the weather. Do not store near various sources of heat. Do not store in direct sunlight until applied. DO NOT DOUBLE STACK. Systematically rotate all stock so that the material that has been stored the longest will be the first to be moved out.

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