

03/11/2010

**Columbia County Building Permit**

This Permit Must Be Prominently Posted on Premises During Construction

**PERMIT****000028410**

APPLICANT JOHN BENZ PHONE 386 266-0746

ADDRESS 295 NW COMMONS LOOP LAKE CITY FL 32055

OWNER WITT LAND LLC PHONE 752-1093

ADDRESS 168 SE SR 238 LAKE CITY FL 32025

CONTRACTOR BRIAN CRAWFORD PHONE 755-8887

LOCATION OF PROPERTY 441S, TL SR 238, PROPERTY ON RIGHT

TYPE DEVELOPMENT DOLLAR GENERAL STORE ESTIMATED COST OF CONSTRUCTION 650000.00

HEATED FLOOR AREA 10748.00 TOTAL AREA 10748.00 HEIGHT        STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 5/12 FLOOR SLAB

LAND USE & ZONING CHI MAX. HEIGHT 20

Minimum Set Back Requirments: STREET-FRONT 20.00 REAR 15.00 SIDE 5.00

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

PARCEL ID 03-6S-17-09565-000 SUBDIVISION                     

LOT        BLOCK        PHASE        UNIT        TOTAL ACRES 2.10

CGC1515491

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

FDOT 10-0082 BK            HD            N           

Driveway Connection            Septic Tank Number            LU & Zoning checked by            Approved for Issuance            New Resident           

COMMENTS: MFE @ 77' PER ENGINEER/WM PERMIT,ELEVATION CONFIRMATION LETTER

REQUIRED AT SLAB, SDP 10-01/V 0273, ZONING NEEDS TO ALSO DO CO

INSPECTION, NOC ON FILE, NEED FDOT APPROVAL BEFORE POWER Check # or Cash 11004775**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                      Insulation                     

                     date/app. by                      date/app. by                     

Rough-in plumbing above slab and below wood floor                      Electrical rough-in                     

                     date/app. by                      date/app. by                     

Heat & Air Duct                      Peri. beam (Lintel)                      Pool                     

                     date/app. by                      date/app. by                     

Permanent power                      C.O. Final                      Culvert                     

                     date/app. by                      date/app. by                     

Pump pole                      Utility Pole                      M/H tie downs, blocking, electricity and plumbing                     

                     date/app. by                      date/app. by                      date/app. by                     

Reconnection                      RV                      Re-roof                     

                     date/app. by                      date/app. by                     

BUILDING PERMIT FEE \$ 3,250.00 CERTIFICATION FEE \$ 53.74 SURCHARGE FEE \$ 53.74MISC. 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 FEE \$3,432.48INSPECTORS 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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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



\* SEE NOTES FR: FOOT LETTER

W.C. DANIEL DUNN

Columbia County Building Permit Application

updates UNION CASTEE  
Beeth Parrell

For Office Use Only Application # 1002-33 Date Received 2/19 By JW Permit # 28410  
Zoning Official BZK Date 11.03.10 Flood Zone A + A Land Use HI Zoning CHI  
FEMA Map # N/A Elevation N/A MFE 77.0 River N/A Plans Examiner NO Date 3-10-10  
Comments Elevation Confirmation Letter Request at Slab SDP 10-01 + U0273 FINAL FOOT  
☒ NOC ☒ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # Zoning Needs to also do CO inspection  
☐ Dev Permit # ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter  
IMPACT FEES: EMS ON FILE Fire ON FILE Corr ON FILE Road/Code ON FILE  
School ON FILE = TOTAL N/A Suspended ☒ AFFIDAVIT REC'D FR: N.T. DARI

Septic Permit No. \_\_\_\_\_ Fax 386.266.0746 LEW  
Name Authorized Person Signing Permit John F Benz II Phone 386-755-8887  
Address 295 NW Commons loop Suite 115-391 Lake City FL 32055  
Owners Name Witt Land LLC Phone 752-1093  
911 Address 168 SE State Rd 238 Suite 101 Lake City FL 32025  
Contractors Name Concept Construction (Brian Crawford) Phone 386-755-8887  
Address 295 N.W. Commons loop Suite 115-391 Lake City FL 32055

Fee Simple Owner Name & Address \_\_\_\_\_  
Bonding Co. Name & Address \_\_\_\_\_  
Architect/Engineer Name & Address Nick Geisler Architect AR0007005  
Mortgage Lenders Name & Address Prosperity Bank Lake City FL  
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 03-68-17-09565-000 Estimated Cost of Construction \$650,000.00  
Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
Driving Directions From Lake City, Take 441 South to Ellisville  
Take a left on ST Rd. 238. The property is on the right.  
- COUNCIL 441-S-238- Number of Existing Dwellings on Property 0

Construction of Dollar General + Tenant Space Total Acreage 2.1 Lot Size \_\_\_\_\_  
Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 21'  
Actual Distance of Structure from Property Lines - Front 100' Side 45' Side 80' Rear 20'  
Number of Stories 2 Heated Floor Area 10'748 Total Floor Area 10'748 Roof Pitch 0.501/12

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. CODE: Florida Building Code 2007 with 2009 Supplements and the 2008 National Electrical Code.  
Page 1 of 2 (Both Pages must be submitted together.) Revised 6-19-09  
Spoke to John  
3/11/10



**Columbia County Building Permit Application**

**TIME LIMITATIONS OF APPLICATION :** An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

**TIME LIMITATIONS OF PERMITS:** Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.


**FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment:** According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

**NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:** **YOU ARE HEREBY NOTIFIED** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

**WARNING TO OWNER:** YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

**OWNERS CERTIFICATION:** I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

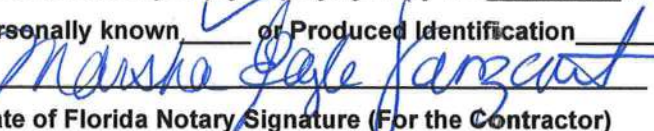
**NOTICE TO OWNER:** There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. It may be to your advantage to check and see if your property is encumbered by any restrictions.

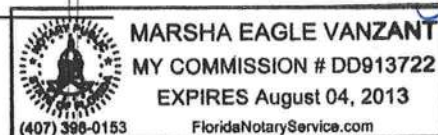
  
Owners Signature (Owners Must Sign All Applications Before Permit Issuance.)  
**\*\*OWNER BUILDERS MUST PERSONALLY APPEAR AND SIGN THE BUILDING PERMIT.**

**CONTRACTORS AFFIDAVIT:** By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

  
Contractor's Signature (Permitee) Contractor's License Number CGC1515491  
Columbia County 10-00005935  
Competency Card Number

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 16th day of February 2010

Personally known ✓ or Produced Identification ✓  
  
State of Florida Notary Signature (For the Contractor) SEAL:





**GENERAL AFFIDAVIT**

STATE OF            Florida

COUNTY OF        Columbia

PERSONALLY came and appeared before me, the undersigned Notary, the within named Terry Dicks, who is a resident of Columbia County, State of Florida, and makes this his/her statement and General Affidavit upon oath and affirmation of belief and personal knowledge that the following matters, facts and things set forth are true and correct to the best of his/her knowledge:

I, Terry Dicks, the owner of Witt Land Trust and TDG Holdings, LLC, hereby attest that I am in the process of transferring Title of Approximately 2.01 Acres at the corner of US 441 & SR 238, (PID# 03-6S-17-09565-000) in Columbia County, Florida, from **Witt Land Trust** to **TDG Holdings, LLC**, for the purpose of constructing a Dollar General Store.

Terry Dicks Terry Dicks

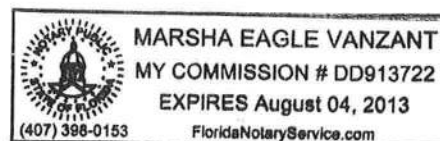
DATED this the 19th day of February, 2010

[Signature]  
Signature of Affiant

SWORN to subscribed before me, this 19th day February, 2010

Marsha Eagle Vanzant  
NOTARY PUBLIC

My Commission Expires:  
August 4, 2013





# Columbia County Property Appraiser

DB Last Updated: 1/28/2010

2009 Tax Year

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 03-6S-17-09565-000

Search Result: 1 of 1

## Owner & Property Info

<b>Owner's Name</b>	WITT LAND LLC		
<b>Site Address</b>	COBB		
<b>Mailing Address</b>	4458 US HWY 441 LAKE CITY, FL 32025		
<b>Use Desc. (code)</b>	IMPROVED A (005000)		
<b>Neighborhood</b>	003617.00	<b>Tax District</b>	3
<b>UD Codes</b>	MKTA02	<b>Market Area</b>	02
<b>Total Land Area</b>	34.860 ACRES		
<b>Description</b>	BEG AT INTERS OF E LINE OF SEC & S R/W OF S R 238, RUN SOUTH 1865.85 FT TO N LIMITED ACCESS OF I-75, NW ALONG R/W 122.94 FT, CONT NW 745.50 FT, NORTH 646.45 FT, W 364.59 FT, NORTH 60.29 FT, CONT N 175.11, EAST 40 FT, N 215 FT, W 240.24 FT TO E R/W OF U S HWY 441, N ALONG R/W 242.30 FT TO CURVE, N ALONG CURVE 23.50 FT TO S R/W OF S R 238, E ALONG R/W 1263.01 FT TO POB ORB 1136- 690		

## GIS Aerial



## Property & Assessment Values

<b>Mkt Land Value</b>	cnt: (1)	\$17,550.00
<b>Ag Land Value</b>	cnt: (1)	\$4,841.00
<b>Building Value</b>	cnt: (0)	\$0.00
<b>XFOB Value</b>	cnt: (6)	\$6,495.00
<b>Total Appraised Value</b>		\$28,886.00

<b>Just Value</b>	\$618,288.00
<b>Class Value</b>	\$28,886.00
<b>Assessed Value</b>	\$28,886.00
<b>Exemptions</b>	\$0.00
<b>Total Taxable Value</b>	County: \$28,886.00   City: \$28,886.00 Other: \$28,886.00   School: \$28,886.00

## Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
11/12/2007	1136/690	WD	I	Q		\$1,404,700.00

## Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

## Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0210	GARAGE U	0	\$450.00	0000360.000	18 x 20 x 0	(000.00)
0296	SHED METAL	0	\$495.00	0000384.000	16 x 24 x 0	(000.00)
0294	SHED WOOD/	0	\$100.00	0000001.000	10 x 12 x 0	(000.00)
0294	SHED WOOD/	0	\$300.00	0000001.000	16 x 16 x 0	(000.00)
0120	CLFENCE 4	1993	\$150.00	0000001.000	0 x 0 x 0	(000.00)





***Florida Department of Transportation***

**CHARLIE CRIST  
GOVERNOR**

**OVERNIGHT ADDRESS  
LAKE CITY MAINTENANCE OFFICE  
710 NW LAKE JEFFERY  
SUITE 101, LAKE CITY, FL.  
32055-2621**

**STEPHANIE C. KOPELOUSOS  
SECRETARY**

Witt Land, LLC  
Mr. Brian S. Crawford  
4458 South US Hwy 441  
Lake City, Fl. 32025

Date: 2-16-10

RE: Initial FDOT Notification Release

Project Name: Dollar General, Ellisville  
Proposed State Access Permit: 10-A-292-0002  
State Highway: 25 South – Section No: 27030

Mr. Crawford:

This "Initial Notification Release" Document is issued for the express purpose of notifying the local Columbia County Governmental Permitting Agency that the Department of Transportation, Lake City Maintenance, FDOT Permits Office has no divergence to the issuance of those initial permits required to allow the landowner or developer to commence the preliminary site preparations.

\* The Department would however, legally request that the local permitting agency withhold all other required permits until such time as the Department has approved and issued the required Access and Drainage Connection Permits for the above referenced project.

The Department would also request that the local permitting agency withhold both, (a.) Permanent Electrical Power and the (b.) Certificate of Occupancy (for the main site building) until such time as the Department delivers to the Columbia County Permitting Office a "Notice of Satisfaction of Access & Drainage Connection Permit"



Page 2 of 2

RE: Initial FDOT Notice of Release

The landowner may deliver up this legal document or copy thereof to the local permitting authority or equivalent board or committee as proof of the Departments before-mentioned agreement of release notice for initial site preparation permits issuance only.

If further assistance is required or if there are questions as to express meaning or purpose of this document, please contact my office at 386-961-7193 or directly at 386-365-5873, (Cell #.)

Sincerely Yours,

A handwritten signature in black ink, appearing to read "Neil E. Miles". The signature is fluid and cursive, with the first name "Neil" and last name "Miles" clearly distinguishable.

Neil E. Miles

FDOT Permits Coordinator

Access & Drainage Permits Office

Lake City Maintenance





## ***Florida Department of Transportation***

**CHARLIE CRIST**  
GOVERNOR

**Lake City Maintenance Office**  
**Post Office Box 1415**  
**Lake City, Florida 32056-1415**

**STEPHANIE C. KOPELOUSOS**  
SECRETARY

FDOT - Lake City Maintenance  
Permits Department  
Post Office Box 1415  
Lake City, Fl. 32056-1415

Date: 2-23-10

Crews Engineering Services, LLC  
Mr. Brett A. Crews, Project Engineer  
PO Box 970  
Lake City, Fl. 32056

### **RE: Approved FDOT Commercial Access Permits**

Project Name: Dollar General, Ellisville  
Permittee: Terry N. Dicks & Witt Land, LLC  
Access Permit No: Access 10-A-292-0002 State Highway No: 238  
Permit Category: "B" / State Section No: 29080 / Access Mile Post: 0.062 + -

### **Mr. Crews:**

This letter shall acknowledge your request on behalf of your client(s), Terry N. Dicks & Witt Land, LLC in making proposed Access & Roadway Improvements to State Highway No. 238 in Union County, Florida. Your client is hereby granted permission by State Access Permit to make the following described improvements for the permitted development.

### **SPECIAL INFORMATION AS TO CONSTRUCTION TIME LIMIT**

**Per FDOT Access Management Law, this permit is valid for one year from the date of approval, however, once the permittee legally activates this permit with the Lake City Maintenance, Permits Office the permittee shall only have 30 continuous work days (not including weekends and legal state holidays) in which to complete the buildout of the new connection and have requested and received a passing inspection of same. Failure by the permittee to legally activate the approved access permit, obtain a mutually agreed to start date, conduct the required preconstruction meeting and construct the connection within the time frame referenced above shall automatically suspend the approved access and any other approved permit. The permittee shall be held solely responsible for all work/construction conducted upon the State Right-of-way System under the provisions of this approved permit.**

**There shall not be any roadway lane closures between the hours of 4:00 pm and 8:30 am.**

Page 2 of 5, Legal Permit Cover Letter  
Access Connection Permit No. 10-A-292-0002  
Project Name: Dollar General, Ellisville  
Permittee: Terry N. Dicks & Witt Land, LLC

#### **PERMITTED ACCESS IMPROVEMENTS**

Proposed for new construction is a single new twenty-eight (28') foot wide commercial sidedrain piped asphalt paved, access connection. The new connection shall be considered a full movement commercial access to Rural State Highway No. 238. The following construction main items will be required for this new driveway connection. The new driveway is to have a new minimum 100 LF, 0' to 12' foot wide single asphalt paved deceleration taper constructed in conjunction with a fifty (50') foot wide right-in turn radius and also a fifty (50') foot wide right-out turn radius, all per the approved state site plan.

Special Provision for Existing Paved Shoulders: If there are existing asphalt paved shoulder constructed along the limits of the new permitted improvement area, these paved shoulders shall be completely mechanically sawn and removed to provide for a smooth transition edge with the newly approved asphalt connection improvements. See Plan Sheet No. FDOT 2 for details of limits of the section to be removed.

This new twenty-eight foot wide main entrance access and new 100 LF Asphalt Paved Deceleration Taper shall all be built on a finished 0.02% slope (from C/L Crown) with the new required asphalt paved shoulder being constructed on a finished 0.06% grade slope. The permitted 28 foot wide main access entrance shall also require a minimum of 103 LF of 24 X 38 inch diameter, Elliptical CMP sidedrain. The required sidedrain pipe must be placed in the center of ditch line at 4 inches below existing flow grade with the new pipe having mitered end sections attached. Note that per the approved plans, the high end MES shall require an additional concrete tie-in structure with the existing upstream roadway cross drainage structure. Refer to Plan Sheet No. FDOT 2 for additional construction details. Note that additional F Sections (see MES detail sheet 6) are required to be attached to each end of the pipe. These F Sections shall require MES Slope Cuts of 1:4 per FDOT Index 273. The new driveway sidedrain Elliptical CMP shall be centered within the existing FDOT ditch line with the required MES cuts aligned straight up. Concrete Pads with Grass Sod are required Per Index 273, (See Attachment Detail.)

The new access connection shall also require minimum five-foot wide or greater earthen stabilized shoulders with additional grade slopes on a maximum 1:4 slope. All sloped shoulders including the deceleration taper shall be required to be stabilized throughout the full raised turn movements to the R/W Line within the full limits of the project with grass sod coverage over all areas between the edge-of-pavement and the State R/W Line. **\*Required Grass Sod shall on site and in place before paving can commence.**

#### **ACCESS & DECEL TAPER, PAVEMENT DESIGN**

The proposed asphalt paved driveway shall be construct and striped with a minimum fifteen (15') foot wide right-in travel lane and a thirteen foot wide (13') right-out travel lane. Both lanes shall have radiused asphalt paved shoulders all five foot wide as per the approved plans. Both the access and deceleration taper and proposed paved shoulders shall be constructed with a minimum twelve (12") inch depth Stabilized earth subgrade (LBR 40 required), 10 inches of compacted crushed FDOT Certified Limerock Base Material Course with a 0.1 gal. /S.Y. Prime Coat and a minimum three (3") inch compacted depth, finished asphalt surface course of FDOT Type FC-12.5 required. The 3-inch total thickness shall be placed down in two (2) separate and equal lift courses.



Page 3 of 5, Legal Permit Cover Letter  
Access Connection Permit No. 10-A-292-0002  
Project Name: Dollar General, Ellisville  
Permittee: Terry N. Dicks & Witt Land, LLC

The newly constructed asphalt paved shoulders shall be required to be constructed on a maximum 0.06% grade slope with an additional minimum three (3') foot wide earth shoulder also set on 0.06%. The new asphalt paved deceleration taper shall be constructed on a maximum 0.02% grade slope. This requirement must be maintained not only to the deceleration taper but shall continue throughout both 50-foot turning radii of the new main entrance. Failure to construct and maintain this FDOT Roadway Safety requirement shall result in the suspension of the permit with possible repaving.

#### **Testing Requirements**

All subgrade, base and or structural materials used shall require proof of passing density testing in accordance with those found in the most current FDOT Standard Specifications for Road & Bridge Construction Manual. 5 density tests (3 on the main driveway and 2 to the 100-foot deceleration taper) shall be required. Each density test must achieve or exceed a minimum of 98% compaction density. A state certified density inspector and laboratory must conduct all tests.

Proof of passing densities shall be forwarded to the local FDOT Permits Inspector at Lake City Maintenance a minimum of 48 hours in advance of any planned paving commencement. The Permittee, his/her General Contractor shall contact the FDOT Permits Office for directions from FDOT Permits Office as to the location of these tests sites. **No paving can commence without proof of passing density tests. Failure on the Permittees' behalf to provide the necessary density tests results in the time limits set forth herein shall be considered reasonable cause to suspend the Permittee's FDOT issued permit or on-going construction upon FDOT R/W.**

#### **Pavement Striping and Signage Requirements**

The new asphalt connection's finished surface asphalt lift course shall be striped with a twenty-four inch wide white stop bar and approximately one-hundred and fifteen (115') LF of six inch wide, double yellow, lane separation striping as shown on the approved plans. The main access entrance shall be separated from the proposed new asphalt paved shoulders by the construction of a single six-inch wide white separator striping. The new Deceleration Taper shall require 6'/10' foot skip, six inch wide white striping as shown on Plan Sheet No. FDOT 2. Per the approved permit and site plan, all required permanent pavement striping shall made with a certified "Lead Free", Thermoplastic marking and striping material for those areas lying both on and off FDOT R/W that pertain to the safety of the approved permitted driveway attaching to SR-238. All new Thermoplastic Striping as well as aboveground signage shall conform to the State FDOT Indexes 17302, 17346 and /or 11860 for aboveground signs. Thermoplastic Specifications must meet or exceed those found in the most current FDOT Standard Specifications for Road & Bridge Construction, specifically to Section No. 711.

A single FDOT Series 600, 30 inch by 30 inch, R1-1 aboveground STOP SIGN is required. All aboveground signs proposed to be constructed upon FDOT Right-of way shall be constructed per approved site plan and per FDOT Index No. 17302, Sheet 1 of 1. All metal posts on FDOT shall be aluminum 3 inch or greater in diameter and set at a minimum height of 7 feet from EOP grade with brackets per FDOT Index No. 11860.

Page 4 of 5, Legal Permit Cover Letter  
Access Connection Permit No. 10-A-292-0002  
Project Name: Dollar General, Ellisville  
Permittee: Terry N. Dicks & Witt Land, LLC

**All aboveground signs required under this approved permit shall have been constructed in their final location and constructed according to FDOT Index requirements before final driveway asphalt paving or concreting can commence.**

**Notice: A Minimum 14-Day Asphalt Cure-out period shall be required of the newly constructed asphalt surface course before any thermoplastic markings may be placed down. The new connection shall not be utilized at any time before the FDOT Permits Office has made their final inspection with a passing grade inspection being received, with evidence of same to the Permittee.**

**Roadway, Ditch/Slope Area, Grass Sodding Requirements & R/W Restoration**

All areas of the ditch line its slopes, radii and other areas that fall within the limits of the permitted Access turning radii shall receive a complete coverage of Certified Coastal Bermuda Grass Sod. All other areas outside this particular area shall require a complete coverage of hulled Bermuda grass and millet seed with copious amounts of Straw Mulch covering all. All areas upon FDOT R/W shall be made clean and acceptable. The new shoulder area just outside the newly paved shoulder as well as the existing ditch line between the limits of the commencement of deceleration taper and the end of construction shall be completely resodded with Coastal Bermuda Sod.

**Notice of Final Approved Plans Interpretation**

The Local Permits Office having jurisdiction over the approved permit shall have final determination over all approved plans/ construction concepts and method details that could affect the FDOT Right-of-Way Property.

**Notice of Pre-Construction Meeting (Mandatory)**

The Permittee and his/her construction supervisor(s) shall meet a minimum of 48 hours in advance of activation of this permit, so that all parties will have an opportunity to read in detail this attached cover letter, review its plans and be provided the opportunity to ask any questions he or she may have in regards to this permit. It shall be the Permittee's responsibility to contact the local Permits Office no later than 48 hours in advance of the planned activation/construction commencement date, so that this provision can be completed satisfactory to all parties involved. **THIS IS A MANDATORY PERMIT PROVISION!**

**Stormwater Erosion Control Plan**

The approved Permittee shall be solely responsible for the control of stormwater and it's affects during the complete construction phase of permitted improvements approved under this FDOT Access Permit No. 10-A-292-0002. Under no conditions shall any work commence upon FDOT R/W before all required Stormwater and/or Erosion Control plans has been put in place and received an inspection through the Permits Office.

**Grass Sod Requirement Details**

All slopes, shoulders, ditches, and other disturbed areas within the limits of the proposed paved turnout radii, shall be completely grass sodded with Certified Coastal Bermuda grass. **Note: all grass shall be installed, watered and inspected for evidence of growth, before any paving can commence under this permit.**



Page 5 of 5, Legal Permit Cover Letter  
Access Connection Permit No. 10-A-292-0002  
Project Name: Dollar General, Ellisville  
Permittee: Terry N. Dicks & Witt Land, LLC

**Failure to complete this provision can be reason for temporary suspension of this permit.** NOTICE: ALL R/W RESTORATION AND REQUIRED GRASS SOD SHALL BE PLACED DOWN AND INSPECTED BEFORE ANY ASPHALT PAVING CAN COMMENCE UNDER THIS APPROVED PERMIT.

All construction shall be to the most current F.D.O.T. Roadway and Traffic Design Standards and F.D.O.T. Standard Specifications for Road and Bridge Construction. All construction shall be per approved permit, cover letter, special provisions, and signed and sealed site plans and shall conform to all current F.D.O.T. Specifications and Inspections. No work can commence on F.D.O.T. right-of-way before the approved Maintenance of Traffic Plan is in place. The FDOT Permits Staff shall have final say as to any conflicts of interest that may occur, before, during or after the construction phase.

**Save Harmless Clause**

Please refer to the approved permit, site plan drawings and if attached addendum and/or Survey Plat for Access type, location and construction details. Refer to the approved connection permit for additional **General and Special Provisions** that could alter construction design plans as shown on the attached site plan sheet. A copy of the approved site plan and the permit itself shall be on site at all times. Construction on the Department of Transportation's Right-of-Way shall meet all of the Department's Standard Construction Specifications and Safety Criteria.

This Permit is issued with the understanding that a Department approved contractor shall perform all construction in accordance with F.D.O.T. Specifications and that all costs of construction shall be borne by the applicant.

It is also understood and agreed that the rights and privileges herein set out, are granted only to the extent of the State's Right, Title and Interest in the land to be entered upon and used by the holder, and the holder will at all times, assume all risk of and indemnify, defend, and save harmless the State of Florida and the Department from and against any and all loss, damage, cost or expense arising in any manner on account of the exercise or attempted exercise by said holder of the aforesaid rights and privileges.

Also, please request your Engineer or Representative to contact our Permits Coordinator, Neil E. Miles, located at 710 NW Lake Jeffery Road, Suite No. 101, Lake City, Florida, 32055-2621, Phone Number (904) 961-7193 or if no answer 961-7180, a minimum of 48 hours prior to your planned commencement date. Legal 2-way verbal contact is required.

Sincerely,




Neil E. Miles  
Access Permits Coordinator

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
**DRIVEWAY CONNECTION PERMIT  
FOR ALL CATEGORIES****PART 1: PERMIT INFORMATION**APPLICATION NUMBER: 2010-A-292-0002Permit Category: B Access Classification: 4Project: Dollar General EllisvillePermittee: Terry N. Dicks/ Witt Land, LLC.Section/Mile Post: 29080 / C/L 0.062+- State Road: 25

Section/Mile Post: \_\_\_\_\_ State Road: \_\_\_\_\_

**PART 2: PERMITTEE INFORMATION**Permittee Name: Terry N. Dicks / Witt Land, LLC.Permittee Mailing Address: 4458 S US Hwy 441City, State, Zip: Lake City, FL 32025Telephone: (386)755-8887Engineer/Consultant/or Project Manager: Crews Engineering Services, LLC.Engineer responsible for construction inspection: Brett A. Crews  
NAME P.E. #Mailing Address: PO Box 970City, State, Zip: Lake City, FL 32056Telephone: (386)754-4085 Mobile Phone: \_\_\_\_\_**PART 3: PERMIT APPROVAL**

The above application has been reviewed and is hereby approved subject to all Provisions as attached.

Permit Number: 2010-A-292-0002Signature:  Title: Permits, CoordinatorDepartment Representative's Printed Name: Neil E. MilesTemporary Permit ☐ YES ☒ NO (If temporary, this permit is only valid for 6 months)Special provisions attached ☒ YES ☐ NODate of Issuance: FEB 23 2010

If this is a normal (non-temporary) permit it authorizes construction for one year from the date of issuance. This can only be extended by the Department as specified in 14-96.007(6).

See following pages for General and Special Provisions



**PART 4: GENERAL PROVISIONS**

1. Notify the Department of Transportation Maintenance Office at least 48 hours in advance of starting proposed work.  
Phone: (386)961-7180 , Attention: Neil E. Miles, Permits Coordinator
2. A copy of the approved permit must be displayed in a prominent location in the immediate vicinity of the connection construction.
3. Comply with Rule 14-96.008(1), F.A.C., Disruption of Traffic.
4. Comply with Rule 14-96.008(7), F.A.C., on Utility Notification Requirements.
5. All work performed in the Department's right of way shall be done in accordance with the most current Department standards, specifications and the permit provisions.
6. The permittee shall not commence use of the connection prior to a final inspection and acceptance by the Department.
7. Comply with Rule 14-96.003(3)(a), F.A.C., Cost of Construction.
8. If a Significant Change of the permittee's land use, as defined in Section 335.182, Florida Statutes, occurs, the Permittee must contact the Department.
9. Medians may be added and median openings may be changed by the Department as part of a Construction Project or Safety Project. The provision for a median might change the operation of the connection to be for right turns only.
10. All conditions in NOTICE OF INTENT WILL APPLY unless specifically changed by the Department.
11. All approved connection(s) and turning movements are subject to the Department's continuing authority to modify such connection(s) or turning movements in order to protect safety and traffic operations on the state highway or State Highway System.
12. **Transportation Control Features and Devices in the State Right of Way.** Transportation control features and devices in the Department's right of way, including, but not limited to, traffic signals, medians, median openings, or any other transportation control features or devices in the state right of way, are operational and safety characteristics of the State Highway and are not means of access. The Department may install, remove or modify any present or future transportation control feature or device in the state right of way to make changes to promote safety in the right of way or efficient traffic operations on the highway.
13. The Permittee for him/herself, his/her heirs, his/her assigns and successors in interest, binds and is bound and obligated to save and hold the State of Florida, and the Department, its agents and employees harmless from any and all damages, claims, expense, or injuries arising out of any act, neglect, or omission by the applicant, his/her heirs, assigns and successors in interest that may occur by reason of this facility design, construction, maintenance, or continuing existence of the connection facility, except that the applicant shall not be liable under this provision for damages arising from the sole negligence of the Department.
14. The Permittee shall be responsible for determining and notify all other users of the right of way.
15. Starting work on the State Right of Way means that I am accepting all conditions on the Permit.

**PART 5: SPECIAL PROVISIONS**NON-CONFORMING CONNECTIONS: ☒ YES ☐ NO

If this is a non-conforming connection permit, as defined in Rule Chapters 14-96 and 14-97, then the following shall be a part of this permit.

1. The non-conforming connection(s) described in this permit is (are) not permitted for traffic volumes exceeding the Permit Category on page 1 of this permit, or as specified in "Other Special Provisions" below.
2. All non-conforming connections will be subject to closure or relocation when reasonable access becomes available in the future.

**OTHER SPECIAL PROVISIONS:**

Refer the approved access permit, General and Special provisions, Conditions and the Legal Cover Letter for the additional driveway constructions, safety and other required information needed to construct the approved driveway connection. All work /construction approved herein under this permit shall be done in strict accordance with the State Of Florida, most current Roadway & Construction Specifications, at the time of actual permit activation and construction. Upon legal permit activation, (required by permit provision) the permittee shall have 30 working days in which to start and complete all phases of the approved driveway permit. The permittee by acceptance of the approved permit, acknowledges his/her acceptance of any and all permit requirements, provisions and conditions and further agrees to accept any and all responsibility for Liability issues that may arise from the issuance and completion of said driveway construction. The Permittee shall make legal advanced arraignments with the FDOT Permits Office for the Mandatory Pre- Construction Meeting. The permittee further agrees and understands that by acceptance of this approved access permit he/she meet or exceed those Safety Requirements as set forth by, under the State Of Florida and FDOT for conducting any work or construction within the State FDOT Right -Of-Way and in accordance with this approved permit.

**PART 6: APPEAL PROCEDURES**

You may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. If you dispute the facts stated in the foregoing Notice of Intended Department Action (hereinafter Notice), you may petition for a formal administrative hearing pursuant to section 120.57 (1), Florida Statutes. If you agree with the facts stated in the Notice, you may petition for an informal administrative hearing pursuant to section 120.57(2), Florida Statutes. You must file the petition with:

Clerk of Agency Proceedings  
Department of Transportation  
Haydon Burns Building  
605 Suwannee Street, M.S. 58  
Tallahassee, Florida 32399-0458

The petition for an administrative hearing must conform to the requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code, and be filed with the Clerk of Agency Proceedings by 5:00 p.m. no later than 21 days after you received the Notice. The petition must include a copy of the Notice, be legible, on 8 1/2 by 11 inch white paper, and contain:

1. Your name, address, telephone number, any Department of Transportation identifying number on the Notice, if known, the name and identification number of each agency affected, if known, and the name, address, and telephone number of your representative, if any, which shall be the address for service purposes during the course of the proceeding.
2. An explanation of how your substantial interests will be affected by the action described in the Notice;
3. A statement of when and how you received the Notice;
4. A statement of all disputed issues of material fact. If there are none, you must so indicate;
5. A concise statement of the ultimate facts alleged, including the specific facts you contend warrant reversal or modification of the agency's proposed action, as well as an explanation of how the alleged facts relate to the specific rules and statutes you contend require reversal or modification of the agency's proposed action;
6. A statement of the relief sought, stating precisely the desired action you wish the agency to take in respect to the agency's proposed action.

If there are disputed issues of material fact a formal hearing will be held, where you may present evidence and argument on all issues involved and conduct cross-examination. If there are no disputed issues of material fact an informal hearing will be held, where you may present evidence or a written statement for consideration by the Department.

Mediation, pursuant to section 120.573, Florida Statutes, may be available if agreed to by all parties, and on such terms as may be agreed upon by all parties. The right to an administrative hearing is not affected when mediation does not result in a settlement.

Your petition for an administrative hearing shall be dismissed if it is not in substantial compliance with the above requirements of Rule 28-106.201(2) or Rule 28-106.301(2), Florida Administrative Code. If you fail to timely file your petition in accordance with the above requirements, you will have waived your right to have the intended action reviewed pursuant to chapter 120, Florida Statutes, and the action set forth in the Notice shall be conclusive and final.



# FLORIDA DEPARTMENT OF TRANSPORTATION

CHARLIE CRIST  
GOVERNOR

STEPHANIE KOPELOUSOS  
SECRETARY



PERMITTEE: Terry N. Dicks / Witt Land, LLC.

SEC NO: 29080 PERMIT CAT : N/A

STATE RD: (25 US 441) M.P. C/L 0.062 +-

PROJ. DESCRIPTION : New Comm. Access & Decel taper

PERMIT NO: 10-A-292-0002

Asst. Maintenance Engineer or Permits Coordinator Approval

NEIL E. MILES, PERMITS COORDINATOR

THE FOLLOWING ARE ADDITIONAL SPECIAL PERMIT PROVISIONS THAT ARE A LEGAL PART OF THIS PERMIT & DO APPLY TO THE ABOVE REFERENCED PERMIT, IF SO MARKED MUST BE COMPLIED WITH IN ADDITIONAL TO THE GENERAL PROVISIONS.

1. XXX All portions of the FDOT right-of-way disturbed during construction under this permit shall be mulched seeded and /or 2 feet of grass sod placed adjacent to the driving lane, or as called for under the approved permit & per FDOT specifications.
2. XXX Permitted shall restore wildflowers disturbed during permitted construction with new seed to be (amount and method) determined by Mr. Dick Bush, District Landscaping Engineer. Seed shall be delivered to Lake City Maintenance, Permits Office before commencement of permitted placement.
3. XXX The Permitted will contact the appropriate city, county, state government agency; a minimum of forty-eight (48) hours in advance of starting excavation within the area of any signalized intersection.
4. XXX the Permitted can be required to physically relocate (move), as so indicated under this permit at a future date, due to proposed future or on-going FDOT roadway construction planned within the limits of the permitted area.
5. XXX existing utilities may be located within the construction area. Prior to permit approval, permitted shall locate and notify all utilities within the proposed limits of construction and or permitted area and obtain detailed information from the utility owners as to possible conflicts between utilities and permit tee's work. Permitted shall be responsible for pre & post permit coordination, and all adjustments and shall be solely responsible for resolving any conflicts of utilities, either before or during or after the final permitting. The Permitted shall be solely responsible for any and all damages to existing utilities and/or damage to third parties caused by interference with or damage to existing utilities. The Permitted shall show positive proof that all utility owners with existing interest in the area permitted, have been previously contacted in advance of final permit approval.
6. XXX No business is to be done on FDOT right-of-ways, if vehicles are to be serviced on roadside with pumps, Pump islands must be located at least twelve (12) feet from right-of-way line.
7. XXX Driveway permits are granted to permit access to abutting property only. Parking on right-of-way may be restricted or prohibited.
8. XXX the erection of signs on or overhanging the right-of-way of state roads is not permitted. The connection of any type of subsurface drainage to FDOT storm drains or ditches is prohibited unless by permit or as shown in the general or special provisions of the referenced permit.
9. XXX All Construction and/or Maintenance on the Department's right-of-way shall conform to Federal Manual on Uniform Traffic Control Devices (MUTCD), the Department's most current manual of the Roadway and Traffic Design Standards Specifications for Road and Bridge Construction.
10. XXX Pre and Final Inspections are required by FDOT Permits Office and the assigned inspector.
11. XXX a pre-construction review of the construction planned under the permit shall be mandatory. The Permit tee shall make contact with the Lake City, Permits Office at (904) 961-7180 or 961-7193, a minimum of 48 hours in advance of the Permit tee's planned start date so as to arrange a mutually time to meet. Failure by the Permit tee to meet this requirement can be reason for revocation of the approved permit.
12. XXX If proposed permitted work limits are within a State Roadway Construction Area that is proposed or underway then the permit tee shall schedule commencement date and all planned work under this permit with the State FDOT's contract representative in charge of on-site project operational responsibilities.
13. XXX Final approved permit shall adhere to the signed and sealed plans, with no plan substitutions once approved.

**Florida Energy Efficiency Code For Building Construction**  
**Florida Department of Community Affairs**  
EnergyGauge Summit® Fla/Com-2008, Effective: March 1, 2009 -- Form 400A-2008  
Method A: Whole Building Performance Method for Commercial Buildings

**PROJECT SUMMARY**

<b>Short Desc:</b> DG-ELLISVILLE <b>Owner:</b> <b>Address1:</b> US HWY 441 <b>Address2:</b>  <b>Type:</b> Retail <b>Jurisdiction:</b> COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000) <b>Conditioned Area:</b> 8988 SF <b>No of Stories:</b> 1 <b>Permit No:</b> 0	<b>Description:</b> DOLLAR GENERAL, ELLI  <b>City:</b> ELLISVILLE <b>State:</b> FL <b>Zip:</b> 0 <b>Class:</b> New Finished building  <b>Conditioned &amp; UnConditioned Area:</b> 10748 SF <b>Area entered from Plans</b> 10748 SF <b>Max Tonnage</b> 5 <b>If different, write in:</b> _____
---	---

## CERTIFICATIONS

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

Prepared By: NICHOLAS GEISLER

Building Official: \_\_\_\_\_

Date: 16 Feb 2010

Date: \_\_\_\_\_

I certify that this building is in compliance with the FLorida Energy Efficiency Code

Owner Agent: \_\_\_\_\_

Date: \_\_\_\_\_

If Required by Florida law, I hereby certify (\*) that the system design is in compliance with the FLorida Energy Efficiency Code

Architect: NICHOLAS PAUL GEISLER

Reg No: AR 7005

Electrical Designer: \_\_\_\_\_

Reg No: \_\_\_\_\_

Lighting Designer: \_\_\_\_\_

Reg No: \_\_\_\_\_

Mechanical Designer: \_\_\_\_\_

Reg No: \_\_\_\_\_

Plumbing Designer: \_\_\_\_\_

Reg No: \_\_\_\_\_

(\*) Signature is required where Florida Law requires design to be performed by registered design professionals.



## Compliance Summary

Component	Design	Criteria	Result
Gross Energy Cost (in \$)	9,801.0	12,926.0	<b>PASSED</b>
LIGHTING CONTROLS			<b>PASSES</b>
EXTERNAL LIGHTING			<b>PASSES</b>
HVAC SYSTEM			<b>PASSES</b>
PLANT			<b>None Entered</b>
WATER HEATING SYSTEMS			<b>PASSES</b>
PIPING SYSTEMS			<b>PASSES</b>
Met all required compliance from Check List?			<b>Yes/No/NA</b>
 <b>IMPORTANT MESSAGE</b>			
Info 5009 -- -- -- An input report of this design building must be submitted along with this Compliance Report			

**Project: DG-ELLISVILLE**  
**Title: DOLLAR GENERAL, ELLISVILLE, FL**  
**Type: Retail**  
**(WEA File: FL\_JACKSONVILLE\_INTL\_ARPT.tm3)**

### Building End Uses

	1) Proposed	2) Baseline
<b>Total</b>	<b>669.00</b>	<b>1,040.00</b>
	<b>\$9,801</b>	<b>\$15,207</b>
ELECTRICITY(MBtu/kWh/\$)	669.00	1,040.00
	196028	304751
	<b>\$9,801</b>	<b>\$15,207</b>
AREA LIGHTS	21.20	321.00
	6223	94054
	<b>\$311</b>	<b>\$4,693</b>
MISC EQUIPMT	146.10	146.10
	42813	42813
	<b>\$2,141</b>	<b>\$2,136</b>
PUMPS & MISC	0.10	1.10
	40	334
	<b>\$2</b>	<b>\$17</b>
SPACE COOL	149.00	391.30
	43654	114653
	<b>\$2,183</b>	<b>\$5,721</b>
SPACE HEAT	14.90	0.30
	4356	88
	<b>\$218</b>	<b>\$4</b>
VENT FANS	337.70	180.20
	98942	52809
	<b>\$4,947</b>	<b>\$2,635</b>

Passing requires Proposed Building cost to be at most 85%  
 of Baseline cost. This Proposed Building is at 64.5%

PASSES

**Project: DG-ELLISVILLE**  
**Title: DOLLAR GENERAL, ELLISVILLE, FL**  
**Type: Retail**  
**(WEA File: FL\_JACKSONVILLE\_INTL\_ARPT.tm3)**

### External Lighting Compliance

Description	Category	Tradable?	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)
Ext Light 1	Uncovered Parking Areas -- Parking lots and Drives	Yes	0.15	15,600.0	2,340	2,000
Ext Light 2	Building facades (by linear foot)	No	5.00	232.0	1,160	800

**Tradable Surfaces: 2000 (W) Allowance for Tradable: 2340 (W)**

**PASSES**

**All External Lighting: 2800 (W)**

**Project: DG-ELLISVILLE**  
**Title: DOLLAR GENERAL, ELLISVILLE, FL**  
**Type: Retail**  
**(WEA File: FL\_JACKSONVILLE\_INTL\_ARPT.tm3)**

### Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	Design CP	Min CP	Compliance
Pr0Zo1Sp1	25.001	Sales Area	8,031	4	4	PASSES
Pr0Zo1Sp2	3	Storage & Warehouse - Bulky Active Storage	957	1	1	PASSES
Pr0Zo2Sp1	25.001	Sales Area	1,760	1	1	PASSES

**PASSES**



Project: DG-ELLISVILLE  
Title: DOLLAR GENERAL, ELLISVILLE, FL  
Type: Retail  
(WEA File: FL\_JACKSONVILLE\_INTL\_ARPT.tm3)

### System Report Compliance

Pr0Sy1      System 1      Constant Volume Air Cooled      No. of Units  
Single Package System <      4  
65000 Btu/hr

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Conditioners Air Cooled Single Pkg < 65000 Btu/h Cooling Capacity		14.00	12.00	8.00		PASSES
Heating System	Heat Pumps Air Cooled (Heating Mode) Single Pkg < 65000 Btu/h Cooling Capacity		8.00	7.40			PASSES
Air Handling System - Supply	Air Handler (Supply) - Constant Volume		0.75	0.90			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.75	0.90			PASSES
Air Distribution System	ADS System		4.20	3.50			PASSES

PASSES

### Plant Compliance

Description	Installed No	Size	Design Eff	Min Eff	Design IPLV	Min IPLV	Category	Compliance
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None

Project: DG-ELLISVILLE  
Title: DOLLAR GENERAL, ELLISVILLE, FL  
Type: Retail  
(WEA File: FL\_JACKSONVILLE\_INTL\_ARPT.tm3)

### Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Compliance
Water Heater 1	Electric water heater	<= 12 [kW]	0.90	0.88			PASSES

PASSES

**Project: DG-ELLISVILLE**

**Title: DOLLAR GENERAL, ELLISVILLE, FL**

**Type: Retail**

**(WEA File: FL\_JACKSONVILLE\_INTL\_ARPT.tm3)**

### **Piping System Compliance**

<b>Category</b>	<b>Pipe Dia [inches]</b>	<b>Is Runout?</b>	<b>Operating Temp [F]</b>	<b>Ins Cond [Btu-in/hr .SF.F]</b>	<b>Ins Thick [in]</b>	<b>Req Ins Thick [in]</b>	<b>Compliance</b>
Domestic and Service Hot Water Systems	0.75	False	125.00	0.28	0.62	0.50	<b>PASSES</b>

**PASSES**

**Project: DG-ELLISVILLE**  
**Title: DOLLAR GENERAL, ELLISVILLE, FL**  
**Type: Retail**  
**(WEA File: FL\_JACKSONVILLE\_INTL\_ARPT.tm3)**

### Other Required Compliance

Category	Section	Requirement (write N/A in box if not applicable)	Check
Report	13-101	Input Report Print-Out from EnergyGauge FlaCom attached	<input type="checkbox"/>
Operations Manual	13-102.1, 13-410, 13-413	Operations manual provided to owner	<input type="checkbox"/>
Windows & Doors	13-406.AB.1.1	Glazed swinging entrance & revolving doors: max. 1.0 cfm/ft <sup>2</sup> ; all other products: 0.4 cfm/ft <sup>2</sup>	<input type="checkbox"/>
Joints/Cracks	13-406.AB.1.2	To be caulked, gasketed, weather-stripped or otherwise sealed	<input type="checkbox"/>
Dropped Ceiling Cavity System	13-406.AB.3	Vented: seal & insulated ceiling. Unvented seal & insulate roof & side walls	<input type="checkbox"/>
Reheat	13-407	HVAC Load sizing has been performed	<input type="checkbox"/>
HVAC Efficiency	13-407.B	Electric resistance reheat prohibited	<input type="checkbox"/>
HVAC Controls	13-407, 13-408	Minimum efficiencies: Cooling Tables 13-407.AB.3.2.1A-D; Heating Tables 13-407.AB.3.2.1B, 13-407.AB.3.2.1D, 13-408.AB.3.2.1E, 13-408.AB.3.2F	<input type="checkbox"/>
Ventilation Controls	13-407.AB.2	Zone controls prevent reheat (exceptions); simultaneous heating and cooling in each zone; combined HAC deadband of at least 5°F (exceptions)	<input type="checkbox"/>
ADS	13-409.AB.3	Motorized dampers reqd, except gravity dampers OK in: 1) exhaust systems and 2) systems with design outside air intake or exhaust capacity ≤300 cfm	<input type="checkbox"/>
HVAC Ducts	13-410	Duct sizing and Design have been performed	<input type="checkbox"/>
Balancing	13-410.AB	Air ducts, fittings, mechanical equipment & plenum chambers shall be mechanically attached, sealed, insulated & installed per Sec. 13-410 Air Distribution Systems	<input type="checkbox"/>
Piping Insulation	13-410.AB.4	HVAC distribution system(s) tested & balanced. Report in construction documents	<input type="checkbox"/>
Water Heaters	13-411.AB	In accordance with Table 13-411.AB.2	<input type="checkbox"/>
Swimming Pools	13-412.AB	Performance requirements in accordance with Table 13-412.AB.3. Heat trap required	<input type="checkbox"/>
Hot Water Pipe Insulation	13-412.AB.2.6	Cover on heated swimming pools: Time switch (exceptions); Readily accessible on/off switch	<input type="checkbox"/>
Water Fixtures	13-411.AB.3	Table 13-411.AB.2 for circulating systems, first 8 feet of outlet pipe from storage tank and between inlet pipe and heat trap	<input type="checkbox"/>
Motors	13-412.AB.2.5	Shower hot water flow restricted to 2.5 gpm at 80 psi. Public lavatory fixture hot water flow 0.5 gpm max; if self-closing valve 0.25 gallon recirculating, 0.5 gallon non recirculating	<input type="checkbox"/>
Lighting Controls	13-414	Motor efficiency criteria have been met	<input type="checkbox"/>
	13-415.AB	Automatic control required for interior lighting in buildings >5,000 s.f.; Space control; Exterior photo sensor; Tandem wiring with 1 or 3 linear fluorescent lamps>30W	<input type="checkbox"/>





EnergyGauge Summit® v3.20  
**INPUT DATA REPORT**

**Project Information**

**Project Name:** DG-ELLISVILLE  
**Project Title:** DOLLAR GENERAL, ELLISVILLE, FL  
**Address:** US HWY 441  
**Orientation:** North  
**Building Type:** Retail  
**Building Classification:** New Finished building  
**State:** FL  
**Zip:** 0  
**No.of Stories:** 1  
**GrossArea:** 10748 SF  
**Owner:**

**Zones**

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]
1	Pr0Zo1	Zone 1	CONDITIONED	8988.0	1	8988.0
2	Pr0Zo2	Zone 2	UNCONDITIONED	1760.0	1	1760.0

## Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multi plier	Total Area [sf]	Total Volume [cf]
<b>In Zone: Pr0Zo1</b>									
1	Pr0Zo1Sp1	Zo0Sp1	Sales Area	70.00	114.73	10.00	1	8031.1	80311.0
2	Pr0Zo1Sp2	Zo0Sp2	Storage & Warehouse - Bulky Active Storage	70.00	13.67	10.00	1	956.9	9569.0
<b>In Zone: Pr0Zo2</b>									
1	Pr0Zo2Sp1	Zo0Sp1	Sales Area	55.00	32.00	10.00	1	1760.0	17600.0

## Lighting

No	Type	Category	No. of Luminaires	Watts per Luminaire	Power [W]	Control Type	No. of Ctrl pts
<b>In Zone: Pr0Zo1</b>							
<b>In Space: Pr0Zo1Sp1</b>							
1	Suspended Fluorescent	Display/Accent Lighting	116	128	14848	Manual On/Off	4
2	Compact Fluorescent	General Lighting	9	64	576	Manual On/Off	4
<b>In Space: Pr0Zo1Sp2</b>							
1	Suspended Fluorescent	General Lighting	4	128	512	Manual On/Off	1
<b>In Zone: Pr0Zo2</b>							
<b>In Space: Pr0Zo2Sp1</b>							
1	Suspended Fluorescent	General Lighting	1	64	64	Manual On/Off	1

## Walls

No	Description	Type	Width H (Effec) [ft]	Multi plier	Area [sf]	DirectionConductance [Btu/hr. sf. F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.s.f.F/Btu]
<b>In Zone: Pr0Zo1</b>									



1	Pr0Zo1Wa1	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	114.75	13.00	1	1491.8	North	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
2	Pr0Zo1Wa2	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	21.42	13.00	1	278.5	NorthWest	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
3	Pr0Zo1Wa3	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	55.00	13.00	1	715.0	West	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
4	Pr0Zo1Wa4	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	130.00	13.00	1	1690.0	South	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
5	Pr0Zo1Wa5	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	15.00	13.00	1	195.0	East	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
<b>In Zone: Pr0Zo2</b>												
1	Pr0Zo2Wa1	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	32.00	13.00	1	416.0	South	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
2	Pr0Zo2Wa2	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	55.00	13.00	1	715.0	East	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
3	Pr0Zo2Wa3	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	32.00	13.00	1	416.0	North	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
4	Pr0Zo2Wa4	Partition wall, 0.75 in. gyp, airspace, 0.75 in. gyp	55.00	13.00	1	715.0	North	0.8350	2.500	100.00	1.2	<input type="checkbox"/>

## Windows

No	Description	Type	Shaded	U [Btu/hr sf F]	SHGC	Vis.Tra	W [ft]	H (Effec) [ft]	Multi plier	Total Area [sf]	
<b>In Zone: Pr0Zo1</b>											
<b>In Wall: Pr0Zo1Wa2</b>											
1	Pr0Zo1Wa2Wi1	User Defined	No	1.2500	0.82	0.76	7.50	10.00	2	150.0	<input type="checkbox"/>
2	Pr0Zo1Wa2Wi2	User Defined	No	1.2500	0.82	0.76	6.00	3.00	1	18.0	<input type="checkbox"/>
3	Pr0Zo1Wa2Wi3	User Defined	No	1.2500	0.82	0.76	3.00	7.00	2	42.0	<input type="checkbox"/>

In Zone: Pr0Zo2											
In Wall: Pr0Zo2Wa3											
1	Pr0Zo2Wa3Wi1	User Defined	No	1.2500	0.82	0.76	11.17	10.00	2	223.4	<input type="checkbox"/>
2	Pr0Zo2Wa3Wi2	User Defined	No	1.2500	0.82	0.76	6.00	3.00	1	18.0	<input type="checkbox"/>
3	Pr0Zo2Wa3Wi3	User Defined	No	1.2500	0.82	0.76	3.00	7.00	2	42.0	<input type="checkbox"/>

## Doors

No	Description	Type	Shaded?	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Dens. [lb/cf]	Heat Cap. [Btu/sf. F]	R-Value [h.s.f./Btu]	
In Zone: Pr0Zo1												
In Wall: Pr0Zo1Wa1												
1	Pr0Zo1Wa1Dr1	Solid core flush (2.25)	No	3.00	7.00	1	21.0	0.3504	0.00	0.00	2.85	<input type="checkbox"/>
In Wall: Pr0Zo1Wa5												
1	Pr0Zo1Wa5Dr1	Solid core flush (2.25)	No	3.00	7.00	2	21.0	0.3504	0.00	0.00	2.85	<input type="checkbox"/>

## Roofs

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap Dens. [Btu/sf. F]	Dens. [lb/cf]	R-Value [h.sf.F/Btu]	
In Zone: Pr0Zo1												
1	Pr0Zo1Rf1	Mtl Bldg Roof/R-19 Batt	114.75	70.00	1	8032.5	9.00	0.0492	1.34	9.49	20.3	<input type="checkbox"/>
2	Pr0Zo1Rf2	Mtl Bldg Roof/R-19 Batt	15.25	55.00	1	838.8	9.00	0.0492	1.34	9.49	20.3	<input type="checkbox"/>
3	Pr0Zo1Rf3	Mtl Bldg Roof/R-19 Batt	21.42	5.38	1	115.1	9.00	0.0492	1.34	9.49	20.3	<input type="checkbox"/>
In Zone: Pr0Zo2												
1	Pr0Zo2Rf1	Mtl Bldg Roof/R-19 Batt	32.00	55.00	1	1760.0	9.00	0.0492	1.34	9.49	20.3	<input type="checkbox"/>

## Skylights

No	Description	Type	U [Btu/hr sf F]	SHGC	Vis.Trans	W [ft]	H (Effec) [ft]	Multiplier	Area [Sf]	Total Area [Sf]
In Zone: In Roof: <input type="checkbox"/>										

## Floors

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. Dens. [Btu/sf. F]	R-Value [h.s.f.F/Btu]		
In Zone: Pr0Zo1											
1	Pr0Zo1FI1	1 ft. soil, concrete floor, carpet and rubber pad	114.75	70.00	1	8032.5	0.2681	34.00	113.33	3.73	<input type="checkbox"/>
2	Pr0Zo1FI2	1 ft. soil, concrete floor, carpet and rubber pad	15.25	55.00	1	838.8	0.2681	34.00	113.33	3.73	<input type="checkbox"/>
3	Pr0Zo1FI3	1 ft. soil, concrete floor, carpet and rubber pad	21.42	5.38	1	115.1	0.2681	34.00	113.33	3.73	<input type="checkbox"/>

## Systems

Pr0Sy1		System 1	Constant Volume Air Cooled Single Package System < 65000 Btu/hr		No. Of Units 4	
Component	Category	Capacity	Efficiency	IPLV		
1	Cooling System	60000.00	14.00	8.00	<input type="checkbox"/>	
2	Heating System	58000.00	8.00		<input type="checkbox"/>	
3	Air Handling System -Supply	2000.00	0.75		<input type="checkbox"/>	
4	Air Handling System - Return	2000.00	0.75		<input type="checkbox"/>	
5	Air Distribution System		4.20		<input type="checkbox"/>	

Plant					
Equipment	Category	Size	Inst.No	Eff.	IPLV
<input type="checkbox"/>					

Water Heaters				
W-Heater Description	CapacityCap. Unit	I/P Rt.	Efficiency	Loss
1 Electric water heater	40 [Gal]	5 [kW]	0.9000 [Ef]	[Btu/h] <input type="checkbox"/>

Ext-Lighting						
Description	Category	No. of Luminaires	Watts per Luminaire	Area/Len/No. of units [sf/ft/No]	Control Type	Wattage [W]
1 Ext Light 1	Uncovered Parking Areas -- Parking lots and Drives	5	400	15600.00	Photo Sensor control	2000.00 <input type="checkbox"/>
2 Ext Light 2	Building facades (by linear foot)	2	400	232.00	Photo Sensor control	800.00 <input type="checkbox"/>

Piping						
No	Type	Operating Temperature [F]	Insulation Conductivity [ Btu-in/h.sf.F]	Nomonal pipe Diameter [in]	Insulation Thickness [in]	Is Runout?
1	Domestic and Service Hot Water Systems	125.00	0.28	0.75	0.62	No <input type="checkbox"/>



## Fenestration Used

Name	Glass Type	No. of Panels	Glass Conductance [Btu/h.sf.F]	SHGC	VLТ	
ASHULSgIClrAl IFrm	User Defined	1	1.2500	0.8200	0.7600	<input type="checkbox"/>

## Materials Used

Mat No	Acronym	Description	Only R-Value Used	RValue [h.sf.F/Btu]	Thickness [ft]	Conductivity [Btu/h.ft.F]	Density [lb/cf]	SpecificHea t
187	Mat1187	GYP OR PLAS BOARD, 1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000
178	Mat1178	CARPET W/RUBBER PAD	Yes	1.2300				<input type="checkbox"/>
265	Mat1265	Soil, 1 ft	No	2.0000	1.0000	0.5000	100.00	0.2000
48	Mat148	6 in. Heavyweight concrete	No	0.5000	0.5000	1.0000	140.00	0.2000
57	Mat157	3/4 in. Plaster or gypsum	No	0.1488	0.0625	0.4200	100.00	0.2000
72	Mat172	AIR LAYER, 3/4IN OR LESS, VERT. WALLS	Yes	0.9000				<input type="checkbox"/>
23	Mat123	6 in. Insulation	No	20.0000	0.5000	0.0250	5.70	0.2000
4	Mat14	Steel siding	No	0.0002	0.0050	26.0000	480.00	0.1000
271	Mat1271	2x4@24" oc + R11 Batt	No	10.4179	0.2917	0.0280	7.11	0.2000
94	Mat194	BUILT-UP ROOFING, 3/8IN	No	0.3366	0.0313	0.0930	70.00	0.3500

## Constructs Used

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1055	Metal siding/2x4@24"-R11Batt/5/8"Gyp	No	No	0.09	1.07	19.38	10.9

Layer	Material No.	Material	Simple Construct	Massless Construct	Thickness [ft]	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1	4	Steel siding			0.0050	0.000			<input type="checkbox"/>
2	271	2x4@24" oc + R11 Batt			0.2917	0.000			<input type="checkbox"/>
3	187	GYP OR PLAS BOARD, 1/2IN			0.0417	0.000			<input type="checkbox"/>
No	Name								
1056	Mtl Bldg Roof/R-19 Batt		No	No	0.05		1.34	9.49	20.3 <input type="checkbox"/>
Layer	Material No.	Material	Simple Construct	Massless Construct	Thickness [ft]	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1	94	BUILT-UP ROOFING, 3/8IN			0.0313	0.000			<input type="checkbox"/>
2	23	6 in. Insulation			0.5000	0.000			<input type="checkbox"/>
No	Name								
1057	1 ft. soil, concrete floor, carpet and rubber pad		No	No	0.27		34.00	113.33	3.7 <input type="checkbox"/>
Layer	Material No.	Material	Simple Construct	Massless Construct	Thickness [ft]	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1	265	Soil, 1 ft			1.0000	0.000			<input type="checkbox"/>
2	48	6 in. Heavyweight concrete			0.5000	0.000			<input type="checkbox"/>
3	178	CARPET W/RUBBER PAD				0.000			<input type="checkbox"/>
No	Name								
1058	Solid core flush (2.25)		No	Yes	0.35				2.9 <input type="checkbox"/>
Layer	Material No.	Material	Simple Construct	Massless Construct	Thickness [ft]	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1	279	Solid core flush (2.25")				0.000			<input type="checkbox"/>

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1059	Partition wall, 0.75 in. gyp, airspace, 0.75 in. gyp	No	No	0.83	2.50	100.00	1.2
							<input type="checkbox"/>
Layer	Material No.	Material	Thickness [ft]	Framing Factor			
1	57	3/4 in. Plaster or gypsum	0.0625	0.000			<input type="checkbox"/>
2	72	AIR LAYER, 3/4IN OR LESS, VERT. WALLS		0.000			<input type="checkbox"/>
3	57	3/4 in. Plaster or gypsum	0.0625	0.000			<input type="checkbox"/>

## SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER 1002-33 CONTRACTOR Concept Const. PHONE 386-755-8887  
 THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

**Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.**

<b>ELECTRICAL</b> ✓	Print Name <u>High Springs Electric</u> License #: <u>EC 0002306</u>	Signature <u>[Signature]</u> Phone #: <u>386-454-1407</u>
<b>MECHANICAL/A/C</b> ✓	Print Name <u>Wilson Heat &amp; Air</u> License #: <u>CACO 57886</u>	Signature <u>[Signature]</u> Phone #: <u>386-754-9408</u>
<b>PLUMBING/GAS</b> ✓	Print Name <u>K-Ault Plumbing</u> License #: <u>RF 11067359</u>	Signature <u>[Signature]</u> Phone #: <u>886-977-3856</u>
<b>ROOFING</b> ✓	Print Name <u>Clearspan</u> License #: <u>CCC 132 6779</u>	Signature <u>[Signature]</u> Phone #: <u>386-755-8887</u>
<b>SHEET METAL</b>	Print Name _____ License #: <u>N/A</u>	Signature _____ Phone #: _____
<b>FIRE SYSTEM/SPRINKLER</b>	Print Name _____ License #: <u>N/A</u>	Signature _____ Phone #: _____
<b>SOLAR</b>	Print Name _____ License #: <u>N/A</u>	Signature _____ Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
✓ MASON	<u>000712</u>	<u>Colin Gay Masonry</u>	<u>[Signature]</u>
✓ CONCRETE FINISHER	<u>CGC1515491</u>	<u>Brian Crawford</u>	<u>[Signature]</u>
✓ FRAMING	<u>"</u>	<u>Brian Crawford</u>	<u>[Signature]</u>
✓ INSULATION	<u>"</u>	<u>Brian Crawford</u>	<u>[Signature]</u>
✓ STUCCO	<u>000256</u>	<u>Ron David Plastering</u>	<u>Ron David</u>
✓ DRYWALL	<u>"</u>	<u>Ron David Plastering</u>	<u>Ron David</u>
✓ PLASTER	<u>"</u>	<u>Ron David Plastering</u>	<u>Ron David</u>
CABINET INSTALLER		<u>N/A</u>	
✓ PAINTING	<u>CGC1515491</u>	<u>Brian Crawford</u>	<u>[Signature]</u>
✓ ACOUSTICAL CEILING C.	<u>83</u>	<u>Dawn Interiors</u>	<u>[Signature]</u>
✓ GLASS	<u>000618</u>	<u>Lake City Glass</u>	<u>[Signature]</u>
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
✓ METAL BLDG ERECTOR	<u>CBC059948</u>	<u>Union La Steel</u>	<u>[Signature]</u>

**F. S. 440.103 Building permits; identification of minimum premium policy.**--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.



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<b>MECHANICAL/AC</b> ✓	Print Name: <u>Wilson Heat &amp; Air</u> License #: <u>CACO 57886</u>	Signature: <u>[Signature]</u> Phone #: <u>386-754-9408</u>
<b>PLUMBING/GAS</b> ✓	Print Name: <u>R-Ault Plumbing</u> License #: <u>RF 11067359</u>	Signature: <u>[Signature]</u> Phone #: <u>386-977-3856</u>
<b>ROOFING</b> ✓	Print Name: <u>Clearspan</u> License #: <u>CCC 132 6779</u>	Signature: <u>[Signature]</u> Phone #: <u>386-755-8887</u>
<b>SHEET METAL</b>	Print Name: _____ License #: <u>N/A</u>	Signature: _____ Phone #: _____
<b>FIRE SYSTEM/SPRINKLER</b>	Print Name: _____ License #: <u>N/A</u>	Signature: _____ Phone #: _____
<b>SOLAR</b>	Print Name: _____ License #: <u>N/A</u>	Signature: _____ Phone #: _____

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CONCRETE FINISHER	<u>CGC1515491</u>	<u>Brian Crawford</u>	<u>[Signature]</u>
FRAMING	<u>11</u>	<u>Brian Crawford</u>	<u>[Signature]</u>
INSULATION	<u>11</u>	<u>Brian Crawford</u>	<u>[Signature]</u>
STUCCO	<u>000256</u>	<u>Ron David Plastering</u>	<u>Ron David</u>
DRYWALL	<u>11</u>	<u>Ron David Plastering</u>	<u>Ron David</u>
PLASTER	<u>11</u>	<u>Ron David Plastering</u>	<u>Ron David</u>
CABINET INSTALLER		<u>N/A</u>	
PAINTING	<u>CGC1515491</u>	<u>Brian Crawford</u>	<u>[Signature]</u>
ACOUSTICAL CEILING	<u>83</u>	<u>Diana Interiors</u>	<u>[Signature]</u>
GLASS	<u>000618</u>	<u>L-R City Glass</u>	<u>[Signature]</u>
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR		<u>Brett Parrish</u>	<u>[Signature]</u>
METAL BLDG ERECTOR	<u>CRC059948</u>	<u>Union LaSteel</u>	<u>[Signature]</u>

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<input checked="" type="checkbox"/> MECHANICAL/ A/C	Print Name: <u>Wilson Heat &amp; Air</u> Signature: <u>[Signature]</u> License #: <u>CACO 57886</u> Phone #: <u>386-754-9408</u>
<input checked="" type="checkbox"/> PLUMBING/ GAS	Print Name: <u>K-Ault Plumbing</u> Signature: <u>[Signature]</u> License #: <u>RF 110673.59</u> Phone #: <u>888-997-3856</u>
<input checked="" type="checkbox"/> ROOFING	Print Name: <u>Clearspan</u> Signature: <u>[Signature]</u> License #: <u>CCC 132 6779</u> Phone #: <u>386-755-8887</u>
SHEET METAL	Print Name: _____ Signature: _____ License #: <u>N/A</u> Phone #: _____
FIRE SYSTEM/ SPRINKLER	Print Name: _____ Signature: _____ License #: <u>N/A</u> Phone #: _____
SOLAR	Print Name: _____ Signature: _____ License #: <u>N/A</u> Phone #: _____

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
<input checked="" type="checkbox"/> MASON	<u>000712</u>	<u>Colin Gay Masonry</u>	<u>[Signature]</u>
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<input checked="" type="checkbox"/> FRAMING	<u>11</u>	<u>Brian Crawford</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> INSULATION	<u>11</u>	<u>Brian Crawford</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> STUCCO	<u>000256</u>	<u>Ron David Plastering</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> DRYWALL	<u>11</u>	<u>Ron David Plastering</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> PLASTER	<u>11</u>	<u>Ron David Plastering</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> CABINET INSTALLER	<u>11</u>	<u>N/A</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> PAINTING	<u>CGC1515491</u>	<u>Brian Crawford</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> ACOUSTICAL CEILING C.	<u>83</u>	<u>Dunn Interiors</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> GLASS	<u>000618</u>	<u>Lake City Glass</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> CERAMIC TILE	<u>11</u>	<u>11</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> FLOOR COVERING	<u>11</u>	<u>11</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> ALUM/VINYL SIDING	<u>11</u>	<u>11</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> GARAGE DOOR	<u>11</u>	<u>11</u>	<u>[Signature]</u>
<input checked="" type="checkbox"/> METAL BLDG ERECTOR	<u>CACOS9948</u>	<u>Union La Steel</u>	<u>[Signature]</u>

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du Ellisville

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number 03-65-17-09065-000 County Clerk's Office Stamp or Seal:

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): CORNER OF US 441 + SR 288 2.11 +/- ACRES  
a) Street (job) Address: 165 SE State Road 288 Suite 101 Lake City, FL 32025

2. General description of improvements: \_\_\_\_\_  
3. Owner Information  
a) Name and address: TDA HOLDINGS LLC?  
b) Name and address of the single titleholder (if other than owner): \_\_\_\_\_  
c) Interest in property: \_\_\_\_\_

4. Contractor Information  
a) Name and address: Concept Construction 295 NW Commons Lane #115-391 Lake City, FL 32025  
b) Telephone No.: 352-755-8857 Fax No. (Opt.): 800-215-7809

5. Surety Information  
a) Name and address: \_\_\_\_\_  
b) Amount of Bond: \_\_\_\_\_  
c) Telephone No.: \_\_\_\_\_ Fax No. (Opt.): \_\_\_\_\_

6. Lender  
a) Name and address: Prosperity Bank Lake City, FL  
b) Phone No.: \_\_\_\_\_

7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:  
a) Name and address: \_\_\_\_\_  
b) Telephone No.: \_\_\_\_\_ Fax No. (Opt.): \_\_\_\_\_

8. In addition to himself, owner designates the following person to receive a copy of the Lender's Notice as provided in Section 713.13(1)(b), Florida Statutes:  
a) Name and address: \_\_\_\_\_  
b) Telephone No.: \_\_\_\_\_ Fax No. (Opt.): \_\_\_\_\_

9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): \_\_\_\_\_

**WARNING TO OWNER:** ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY; A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA  
COUNTY OF COLUMBIA

10. N. Terry Dicks  
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager  
N. Terry Dicks  
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 15<sup>th</sup> day of February, 20 10, by:  
Kristine Sistlunk as \_\_\_\_\_ (type of authority, e.g. officer, trustee, attorney)  
for N. Terry Dicks (name of party on behalf of whom instrument was executed).

Personally Known ☒ OR Produced Identification \_\_\_\_\_ Type \_\_\_\_\_

Notary Signature Kristine Sistlunk Notary Stamp or Seal:



11. Verification pursuant to Section 92.525, Florida Statutes, of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.  
Signature of Natural Person Signing (in line #10 above.) N. Terry Dicks

STATE OF FLORIDA, COUNTY OF COLUMBIA  
I HEREBY CERTIFY that the above and foregoing is a true copy of the original filed in this office.  
P. DeWitt Cason, CLERK OF COURTS

By: Rose Ann Chello  
Deputy Clerk

Date: Feb 16, 2010







1002-33





## COLUMBIA COUNTY FIRE RESCUE

P.O. BOX 1529 Lake City, Florida 32056  
Office (386) 754-7071 Fax (386) 754-7064

Division Chief  
David L. Boozer

09 March 2010

TO: Harry Dicks  
Columbia County Building and Zoning

FROM: David L. Boozer  
Division Chief / Fire Marshal

RE: Plans Review Application # 1002-33

A plan review was performed of the proposed construction of the Dollar General building to be located on US 441 in Ellisville. This building was classified under Chapter 36, New Mercantile, of the Florida Fire Prevention Code, 2007 Edition. I recommend Approval of the building with the following conditions;

- Copy of the Life Safety Plan be supplied for review
- Site Plan indicating Fire Hydrant Placement
  - NFPA 1, *Annex H* Fire Flow calculation 1750 GPM
  - NFPA 1142, *Annex G, Standard on Water supplies*, requires that 2 Fire Hydrants with-in 300' of the structure.
- Electrical Disconnect
  - NFPA 1:11.1.7 states, "Means shall be provided for the fire department to disconnect the electrical service to a building, structure or facility when the electrical is covered under the scope of NFPA 70.

Should you require any additional information, please feel free to contact my office.

Sincerely,

David L. Boozer

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID  
POST OFFICE BOX 1328  
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID  
POST OFFICE BOX 1328  
LAKE CITY, FL 32056-1328

File No. 07-181

Property Appraiser's  
Parcel Identification No.  
09565-000

Recording Fee \$ 31.00  
Documentary Stamp \$ 7832.90

Inst:200712025569 Date:11/15/2007 Time:1:43 PM  
Doc Stamp-Deed:9832.90

A DC, P. DeWitt Cason, Columbia County Page 1 of 3

### WARRANTY DEED

THIS INDENTURE, made this 12th day of November 2007, BETWEEN LELAND JOHNSTONE COBB, JR. a/k/a L.J. COBB, JR., and his wife, MAURCINE WITT COBB, individually, and LELAND JOHNSTONE COBB, JR. a/k/a L.J. COBB, JR. and MAURCINE WITT COBB, as Trustees of the Maurcine Witt Cobb Revocable Trust Agreement dated May 22, 2000, whose post office address is 271 SE Cobb Ct, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantor\*, and WITT LAND, LLC, a Florida limited liability company, whose post office address is 4458 S US Highway 441, Lake City, Florida 32025, of the County of Columbia, State of Florida, grantee\*.

WITNESSETH: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

SEE SCHEDULE A ATTACHED AND MADE A PART HEREOF.


SUBJECT TO: Easements of record, if any.

and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.

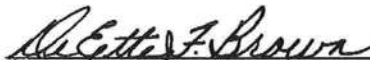
\*"Grantor" and "grantee" are used for singular or plural, as context requires.

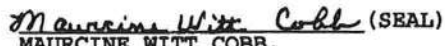
IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered  
in our presence:


  
(First Witness)  
Terry McDavid  
Printed Name

 (SEAL)  
LELAND JOHNSTONE COBB, JR.,  
Individually


  
(Second Witness)  
DeEtte F. Brown  
Printed Name


 (SEAL)  
MAURCINE WITT COBB,  
Individually

MAURCINE WITT COBB REVOCABLE  
TRUST DATED MAY 22, 2000

  
(First Witness)  
Terry McDavid  
Printed Name

By:  (SEAL)  
LELAND JOHNSTONE COBB, JR., as  
Trustee


  
(Second Witness)  
DeEtte F. Brown  
Printed Name

By:  (SEAL)  
MAURCINE WITT COBB, as  
Trustee

STATE OF FLORIDA  
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 12<sup>th</sup> day of November 2007, by LELAND JOHNSTONE COBB, JR. a/k/a L.J. COBB, JR., and his wife, MAURCINE WITT COBB, individually, and LELAND JOHNSTONE COBB, JR. a/k/a L.J. COBB, JR. and MAURCINE WITT COBB, as Trustees of the Maurcine Witt Cobb Revocable Trust Agreement dated May 22, 2000, who are personally known to me or who have produced \_\_\_\_\_ as identification and who did not take an oath.

My Commission Expires:

  
Notary Public



#### SCHEDULE A

BEGIN at the intersection of the East line of Section 3, Township 6 South, Range 17 East, Columbia County, Florida and the Southerly Right-of-Way line of State Road 238 and run South  $00^{\circ}53'43''$  East along said East line of Section 3 a distance of 1865.85 feet to a point on the Northerly Limited Access Right-of-Way line of State Road 93 (Interstate Highway 75); thence North  $66^{\circ}05'40''$  West along said Northerly line a distance of 122.94 feet; thence North  $52^{\circ}49'10''$  West still along said Northerly line a distance of 745.50 feet; thence North  $01^{\circ}27'32''$  West a distance of 646.45 feet; thence South  $85^{\circ}20'26''$  West along the Easterly extension of and the North line of a parcel of land recorded in O.R. Book 960, Page 2560 of the Public Records of Columbia County, Florida a distance of 364.59 feet to a point on the East line of a parcel of land recorded in O.R. Book 1065, Page 292 of the Public Records of Columbia County, Florida; thence North  $01^{\circ}41'47''$  West along said East line a distance of 60.29 feet to the Southeast corner of a parcel of land recorded in O.R. Book 1081, Page 2346 of the Public Records of Columbia County, Florida; thence continue North  $01^{\circ}41'47''$  West along the East line of said parcel of land a distance of 175.11 feet to a point on the South line of a parcel of land recorded in O.R. Book 556, Page 498 of the Public Records of Columbia County, Florida; thence North  $89^{\circ}14'17''$  East along said South line a distance of 40.00 feet to the Southeast corner of said parcel of land recorded in O.R. Book 556, Page 498 of the Public Records of Columbia County, Florida; thence North  $01^{\circ}28'21''$  West along the East line of said parcel of land a distance of 215.00 feet to the Northeast corner of said parcel of land; thence South  $88^{\circ}31'48''$  West along the North line of said parcel of land a distance of 240.24 feet to a point on the Easterly Right-of-Way line of U.S. Highway 441 (State Road 25); thence North  $01^{\circ}36'24''$  West along said Easterly Right-of-Way line of U.S. Highway 441 (State Road 25) a distance of 242.30 feet to a point on a curve concave to the Southeast having a radius of 50.00 feet and a central angle of  $26^{\circ}55'26''$ ; thence Northeasterly along the arc of said curve, still being said Easterly Right-of-Way line of U.S. Highway 441 (State Road 25) a distance of 23.50 feet to a point on the Southerly Right-of-Way line of State Road 238; thence North  $88^{\circ}01'45''$  East along said Southerly Right-of-Way line of State Road 238 a distance of 1263.01 feet to the POINT OF BEGINNING.



Dollar General Ellisville

DESCRIPTION:

COMMENCE at the intersection of the East line of Section 3, Township 6 South, Range 17 East, Columbia County, Florida and the Southerly Right-of-Way line of State Road 238 and run South  $88^{\circ}01'45''$  West along said Southerly Right-of-Way line of State Road 238 a distance of 926.91 feet to the POINT OF BEGINNING; thence South  $01^{\circ}58'04''$  East a distance of 263.30 feet; thence South  $88^{\circ}31'48''$  West a distance of 352.50 feet to a point on the Easterly Right-of-Way line of U.S. Highway 441 (State Road 25); thence North  $01^{\circ}36'24''$  West along said Easterly Right-of-Way line of U.S. Highway 441 (State Road 25) a distance of 242.30 feet to a point on a curve concave to the Southeast having a radius of 50.00 feet and a central angle of  $26^{\circ}55'26''$ ; thence Northeasterly along the arc of said curve, still being said Easterly Right-of-Way line of U.S. Highway 441 (State Road 25) a distance of 23.50 feet to a point on the Southerly Right-of-Way line of State Road 238; thence North  $88^{\circ}01'45''$  East along said Southerly Right-of-Way line of State Road 238 a distance of 336.10 feet to the POINT OF BEGINNING. Containing 2.11 acres, more or less.

FLORIDA DEPARTMENT OF STATE DIVISION OF CORPORATIONS		Sunbiz.org			
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<b>Detail by Entity Name</b>					
<b>Florida Limited Liability Company</b>					
WITT LAND, LLC					
<b>Filing Information</b>					
Document Number L07000114216					
FEI/EIN Number N/A					
Date Filed 11/09/2007					
State FL					
Status ACTIVE					
<b>Principal Address</b>					
4458 SOUTH US HWY 441 LAKE CITY FL 32025					
<b>Mailing Address</b>					
4458 SOUTH US HWY 441 LAKE CITY FL 32025					
<b>Registered Agent Name &amp; Address</b>					
DICKS, N. TERRY 4458 SOUTH US HWY 441 LAKE CITY FL 32025					
<b>Manager/Member Detail</b>					
<b>Name &amp; Address</b>					
Title MGR					
DICKS, N. TERRY 4458 SOUTH US HWY 441 LAKE CITY FL 32025					
<b>Annual Reports</b>					
<b>Report Year Filed Date</b>					
2008 03/20/2008					
2009 04/23/2009					
<b>Document Images</b>					
04/23/2009 -- ANNUAL REPORT		<a href="#">View image in PDF format</a>			
03/20/2008 -- ANNUAL REPORT		<a href="#">View image in PDF format</a>			
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-TERRY N. DICKS-



COLUMBIA COUNTY BUILDING DEPARTMENT  
135 NE Hernando Ave, Suite B-21, Lake City, FL 32055  
Phone: 386-758-1008 Fax: 386-758-2160

LETTER OF AUTHORIZATION TO SIGN FOR PERMITS

I, Brian Crawford (license holder name), licensed qualifier  
for Concept Construction (company name), do certify that

the below referenced person(s) listed on this form is/are contracted/hired by me, the license holder, or is/are employed by me directly or through an employee leasing arrangement; or, is an officer of the corporation; or, partner as defined in Florida Statutes Chapter 468, and the said person(s) is/are under my direct supervision and control and is/are authorized to purchase permits, call for inspections and sign on my behalf.

Printed Name of Person Authorized	Signature of Authorized Person
1. John Benz	1. <u>John Benz</u>
2.	2.
3.	3.
4.	4.
5.	5.

I, the license holder, realize that I am responsible for all permits purchased, and all work done under my license and fully responsible for compliance with all Florida Statutes, Codes, and Local Ordinances. I understand that the State and County Licensing Boards have the power and authority to discipline a license holder for violations committed by him/her, his/her agents, officers, or employees and that I have full responsibility for compliance with all statutes, codes and ordinances inherent in the privilege granted by issuance of such permits.

If at any time the person(s) you have authorized is/are no longer agents, employee(s), or officer(s), you must notify this department in writing of the changes and submit a new letter of authorization form, which will supersede all previous lists. Failure to do so may allow unauthorized persons to use your name and/or license number to obtain permits.

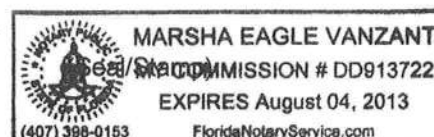
[Signature] License Holders Signature (Notarized) CGC1515491 License Number 2/16/10 Date

NOTARY INFORMATION:

STATE OF: Florida COUNTY OF: Columbia

The above license holder, whose name is Brian Crawford,  
personally appeared before me and is known by me or has produced identification  
(type of I.D.) 16th on this February, 20 10.

Marsha Eagle Vanzant  
NOTARY'S SIGNATURE



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

Permit Application Number 10-0082

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

Scale: 1 inch = 50 feet

SEE ATTACHED

Notes: 2.11 Acres of 34.86 AcresSite Plan submitted by: Rock D J

MASTER CONTRACTOR

Plan Approved X

Not Approved

Date 2-26-10By Salvador EH Director. Columbia

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT





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

PERMIT NO. 10-0082-N  
DATE PAID: 2-16-10  
FEE PAID: 30.00  
RECEIPT #: 123750

APPLICATION FOR:  
☒ New System ☐ Existing System ☐ Holding Tank ☐ Innovative  
☐ Repair ☐ Abandonment ☐ Temporary ☐

APPLICANT: Witt Land LLC

AGENT: ROCKY FORD, A & B CONSTRUCTION

TELEPHONE: 386-497-2311

MAILING ADDRESS: P.O. BOX 39 FT. WHITE, FL, 32038

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3) (a) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: na BLOCK: na SUB: na PLATTED: \_\_\_\_\_

PROPERTY ID #: 3-68-17-09565-000 ZONING: GM I/M OR EQUIVALENT: ☒ Y ☐ N

PROPERTY SIZE: 34.8 ACRES WATER SUPPLY: ☐ PRIVATE PUBLIC ☒ <2000GPD ☐ >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? ☒ Y ☐ N DISTANCE TO SEWER: \_\_\_\_\_ FT

PROPERTY ADDRESS: 168 SE SR 238, Ste 101, Lake City, FL, 32025

DIRECTIONS TO PROPERTY: US 441 South, TL on SR 238, 1<sup>st</sup> Property on right

BUILDING INFORMATION

☐ RESIDENTIAL

☒ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	Store	0	8988	
2				
3	Had for well info, rec'd 2-26-10			

☒ Floor/Equipment Drains ☒ Other (Specify) \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

DATE: 2/16/2010

Page 1 of 4

OR 4015, 10/97 (Previous Editions May Be Used)



STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
ONSITE SEWAGE TREATMENT AND DISPOSAL  
SYSTEM

PERMIT #: 12-SC-1121403  
APPLICATION #: AP952741  
DATE PAID: 7-16-10  
FEE PAID: 310.00  
RECEIPT #: 123761  
DOCUMENT #: PR800591

CONSTRUCTION PERMIT FOR: OSTDS NewAPPLICANT: WITT\*10-0082 LAND LLCPROPERTY ADDRESS: 168 S SR 238 STE 101 Lake City, FL 32025

LOT: \_\_\_\_\_ BLOCK: \_\_\_\_\_ SUBDIVISION: \_\_\_\_\_

PROPERTY ID #: 09865-000 [SECTION, TOWNSHIP, RANGE, PARCEL NUMBER]  
[OR TAX ID NUMBER]

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF SECTION 381.0065, F.S., AND CHAPTER 64E-6, F.A.C. DEPARTMENT APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS, WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID. ISSUANCE OF THIS PERMIT DOES NOT EXEMPT THE APPLICANT FROM COMPLIANCE WITH OTHER FEDERAL, STATE, OR LOCAL PERMITTING REQUIRED FOR DEVELOPMENT OF THIS PROPERTY.

## SYSTEM DESIGN AND SPECIFICATIONS

T { 1,050 } GALLONS / GPD \_\_\_\_\_ Septic \_\_\_\_\_ CAPACITY  
A { } GALLONS / GPD \_\_\_\_\_ CAPACITY  
N { } GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK: 1250 GALLONS]  
K { } GALLONS DOSING TANK CAPACITY [ ] GALLONS @ [ ] DOSES PER 24 HRS #Pumps [ ]

D { 500 } SQUARE FEET \_\_\_\_\_ SYSTEM  
R { } SQUARE FEET \_\_\_\_\_ SYSTEM  
A TYPE SYSTEM: [X] STANDARD [ ] FILLED [ ] MOUND [ ]  
I CONFIGURATION: [X] TRENCH [ ] BED [ ]

F LOCATION OF BENCHMARK: nail in power pole SW of site

I ELEVATION OF PROPOSED SYSTEM SITE [ 24.00 ] [ INCHES / FT ] [ ABOVE / BELOW ] BENCHMARK/REFERENCE POINT

E BOTTOM OF DRAINFIELD TO BE [ 54.00 ] [ INCHES / FT ] [ ABOVE / BELOW ] BENCHMARK/REFERENCE POINT

L

D FILL REQUIRED: [ 0.00 ] INCHES EXCAVATION REQUIRED: [ 0.00 ] INCHES

O  
T  
H  
E  
R

1. Well must be permitted as a limited use public supply well.

SPECIFICATIONS BY: Rouky FordTITLE: BC ContractorAPPROVED BY: Sally A FordTITLE: EH Director

Columbia CHD

DATE ISSUED: 02/26/2010EXPIRATION DATE: 08/28/2011

28410

# CES

Crews Engineering Services, LLC

Crews Engineering Services, LLC  
PO Box 970  
Lake City, FL 32056  
(Phone) 386.623.4303  
brett@crewsengineeringservices.com

May 10, 2010

**SUBJECT: Finished Floor Elevation, Dollar General Ellisville, Columbia County**

To whom it may concern,

This is to verify the deviation from the planned finished floor elevation as shown on the construction plans is minimal and does not cause adverse effects to the rest of the site.

As described in a Finish Floor Certification by Donald F. Lee and Associates, the measured elevation taken on top of the concrete slab foundation is 76.97. The planned finish floor elevation was 77.00. This difference of 0.03' does not require any changes to the grading plan and is an acceptable variance.

Please contact me if you have any questions or require additional information.

Sincerely,

  
5-10-2010

Brett A. Crews, P.E. 65592  
Project Engineer

OK  
B2K  
11.05.10

Gale Tedder

28410

---

**From:** Miles, Neil [Neil.Miles@dot.state.fl.us]  
**Sent:** Thursday, May 13, 2010 2:03 PM  
**To:** Gale Tedder  
**Cc:** Cray, Dale; Johnson, Jefferson  
**Subject:** Resent of May 6th Notice of Power release for Ellisville Dollar general

Gale:

This is our follow up notice to your office that our office (FDOT Permits Office) is Ok with the release of the Permanent Power for the Ellisville Dollar General Site with the additional agreement/provision that **NO County Final Certificate of Occupancy** be issued until both the State and County Permit Provisions have been met with mutual acknowledgement from the FDOT to the County Permitting Office.

Neil E. Miles  
Permits Coordinator  
Permits Office  
Lake City Maintenance  
PO Box 1415 Lake City, Fl. 32056-1415  
Phone No. 386-961-7180  
Cell # 386-365-5873



# **REPORT OF GEOTECHNICAL EXPLORATION**

**Dollar General Store  
U.S. Highway 441 & CR 238  
Ellisville, Columbia County, Florida  
CTI Project No. 10-00104-01**

**- Prepared For -**  
Concept Construction of North Florida, Inc.  
295 NW Common Loop, Suite 115-391  
Lake City, Florida 32055

**- Prepared by -**  
Cal-Tech Testing, Inc.  
P.O. Box 1625  
Lake City, Florida 32056-1625

February 26, 2010



## Cal-Tech Testing, Inc.

- Engineering
  - Geotechnical
  - Environmental
- LABORATORIES

P.O. Box 1625 • Lake City, FL 32056  
4784 Rosselle Street • Jacksonville, FL 32254

Tel. (386) 755-3633 • Fax (386) 752-5456  
Tel. (904) 381-8901 • Fax (904) 381-8902

February 26, 2010

**Concept Construction of North Florida, Inc.**

295 NW Common Loop, Suite 115-391  
Lake City, Florida 32055

Attention: Mr. Brian Crawford

Subject: Report of Geotechnical Exploration  
Dollar General Store – U.S. Highway 441 & CR 238  
Ellisville, Columbia County, Florida  
CTI Project No. 10-00104-01

Dear Mr. Crawford:

**Cal-Tech Testing, Inc. (CTI)** has completed the geotechnical exploration for the proposed Dollar General Store. The following report presents the results of our field exploration and testing, an evaluation of the subsurface conditions with respect to available project characteristics, and recommendations to aid in the design and construction of the proposed building.

We have enjoyed assisting you on this project and look forward to serving as your geotechnical and construction materials testing consultant for the remainder of this and future projects. Should you have any questions concerning this report, please contact our office at 386-755-3633.

Sincerely,  
**CAL-TECH TESTING, INC.**

David B. Brown  
Executive Vice President

Nabil O. Hmeidi, P.E.  
Senior Geotechnical Engineer  
Licensed, Florida No. 57842

*Distribution: File (1 copy)  
Addressee (3 bound copies)*

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## ATTACHMENTS

<i>Exhibit 1</i>	<i>Vicinity Map</i>
<i>Exhibit 2</i>	<i>Record of Boring Logs ( 2 pages)</i>
<i>Exhibit 3</i>	<i>Unified Soil Classification System Chart (1 page)</i>
<i>Exhibit 4</i>	<i>Key To Test Data (1 page)</i>

## **1.0 INTRODUCTION**

### **1.1 Purpose and Scope of Service**

The purpose of this exploration was to develop information concerning the site and subsurface conditions in order to evaluate site preparation requirements and foundation support recommendations for the proposed building. The services rendered by CTI during the course of this exploration can be summarized as follows:

- Reviewed available data such as results of similar exploration and published information including the U.S.G.S. Quadrangle map, and the Geologic Map of Florida for this area;
- Planned and performed two (2) Standard Penetration Test (SPT) borings each extending 15 feet below the existing ground surface;
- Reviewed, analyzed, and gathered data in order to evaluate the subsurface conditions with respect to the proposed construction, and
- Prepared this report, which includes the results of our field exploration as well as our recommendations with respect to foundation design, foundation related site work, general site development, and quality control.

## **2.0 SITE & PROJECT CHARACTERISTICS**

### **2.1 Site Descriptions**

The subject site is located in the southeastern quadrant of U.S. Highway 441 and CR 238 intersection in Ellisville, Columbia, Florida. At the time of our arrival, the subject site had been cleared of trees and vegetation. Approximately 3 feet of new fill appear to have been placed within the limits of the Dollar General Store building area. Also a residential structure which was present on site had been removed/demolished.

### **2.2 Project Descriptions**

We understand the proposed Dollar General Store will be an approximate 9,000 square feet, single-story, pre-engineered, metal building. We anticipate floor loads will be about 150 pounds per square foot. Design loading information for the building is not available at this time; however, we anticipate the column loads will be no greater than 50 kips and wall loads no greater than 3 kips per lineal foot.



## **2.0 FIELD EXPLORATION**

The subsurface conditions at the subject site were explored by drilling 2 SPT borings each extending 15 feet below the existing ground surface. Borings B-1 and B-2 were performed at southwest and northeast building corners, respectively.

Sampling and penetration procedures of the SPT borings were accomplished in general accordance with ASTM D-1586, "*Penetration Test and Split-Barrel Sampling of Soils*", using a power rotary drill rig (BK-51 with manual hammer). The standard penetration tests were performed by driving a standard 1-3/8" I.D. and 2" O.D. split spoon sampler with a 140 pound hammer falling 30 inches. The number of hammer blows required to drive the sampler a total of 18 inches, in 6 inch increments, were recorded. The penetration resistance or "N" value is the summation of the last two 6 inch increments and is illustrated on the attached boring logs adjacent to their corresponding sample depths. The penetration resistance is used as an index to derive soil parameters from various empirical correlations.

The attached boring logs graphically illustrate penetration resistances and soil descriptions. It should be noted the stratification lines and depth designations indicated on the boring records represent approximate boundaries between soil types. In some instances, the transition between these soils may be gradual.

## **3.0 SUBSURFACE CONDITIONS**

### **3.1 General Area Geology**

Published information regarding the geology in this area of Columbia County, Florida indicates the site is situated within an area designated as Undifferentiated Quaternary Sediments (**Qu**) of the Pleistocene and Holocene epochs. Typically, the Undifferentiated Quaternary sediments consist of siliciclastics, organics and freshwater carbonates. The siliciclastics are light gray, tan, brown to dark, unconsolidated to poorly consolidated, clean to clayey, silty, fossiliferous, variably organic-bearing sands to blue green to olive green, poorly to moderately consolidated, sandy, silty, clays. Freshwater carbonates "*marls*" are buff colored to tan, unconsolidated to poorly consolidated, fossiliferous (mollusks) carbonate muds containing organics.

Limestone in this area consists of carbonate rock and its weathered residuum. In this area of Columbia County, Florida, the limestone is marked by solution features (sinkholes) associated with *karst* terrains. Areas underlain by karst terrains are prone to sinkhole activities. The sinkholes are primarily caused by an advanced state of internal soil erosion or raveling action, which under certain circumstances can lead to ground subsidences. This internal soil erosion is a very slow process by which soil particle usually migrate under the influence of a hydraulic gradient to underlying karsted and/or fractured limestone formation. There are several indicators generally associated with an advanced state of long term internal soil erosion such as noticeable surface depressions and very loose to soft soil zones just above the rock formation.

Based on our review of the test borings, it is our opinion the proposed development on this site will have no greater risk of damage due to sinkhole activity than the development of structures in other areas within the immediate vicinity of the subject site. However, it must be understood that this exploration was not intended to predict or preclude future sinkholes from occurring or developing at this site or within the vicinity of the subject site.

### **3.2 USDA/NRCS Soil Survey**

A brief review of the Columbia County, Florida USDA Soil Survey indicates the soils within the limits the SPT borings to consist of the **Blanton fine sand** (Soil Map Unit No. 8); typically, this soil map unit consists of about 7 inches of gray sand, underlain by about 45 inches of very pale brown to light gray sand. The substratum soils are underlain by light yellowish brown to light brownish gray sandy loam to a depth of 80 inches or more below the natural ground surface. The soil survey indicates a perched<sup>1</sup> water table at depths ranging from 5 to 6 feet below the ground surface during the period of December to March. This map has a hydrologic group A<sup>2</sup> designation. The risk of corrosion for concrete and uncoated steel is considered high.

### **3.3 Subsurface Conditions**

In general, the soil profile as disclosed by SPT borings B-1 and B-2 initially consisted of about 3 feet of grayish brown to yellowish tan fine sand with silt (NEW FILL). This stratum is underlain by about 4 to 5½ feet grayish brown to yellowish tan fine sand with silt (SP-SM), about 2 to 6½ feet of reddish brown with tan mottles clayey fine sand (SC), and about 6 feet of reddish brown and light gray mottled sandy clay (CL).

The sandy soils vary from loose to dense in relative density with standard penetration resistance or “N” values ranging from 7 to 37 Blow Per Foot (BPF). The clay soils have vary stiff consistency with “N” value of about 23 BPF.

### **3.4 Groundwater**

At the time of completion of drilling, the groundwater was not encountered in any of the SPT borings. We note that due to the relatively short time frame of the field exploration and the clayey nature of the site soils, the groundwater may not have had sufficient time to stabilize. For a true groundwater level reading, piezometers may be required. In any event, fluctuation in groundwater levels should be expected due to seasonal climatic changes, construction activity, rainfall variations, surface water runoff, and other site-specific factors.

---

<sup>1</sup> Water standing above an unsaturated zone. In places, a perched (or upper) water table is separated from the lower one by a dry zone.

<sup>2</sup> Typically, soils assigned to Hydrologic Group “A” have a high infiltration rate when thoroughly wet, and have a high water transmission. These consist mainly of deep, well- to excessively-drained sands or gravelly sands.

#### **4.0 RECOMMENDATIONS FOR FOUNDATION DESIGN & SITE PREPARATION**

The recommendations presented in this report are based upon available project information, anticipated loading conditions, and data obtained during our field program. If the structural information is incorrect or the location of the structure changes, please contact this office so our recommendations may be reviewed and/or revised. Discovery of any site or subsurface condition during construction, which deviates from the data collected during this exploration, should be reported to us for evaluation.

##### **4.1 General**

Based on our evaluation of the encountered subsoils, anticipated loading conditions and our past experience with similar projects, it is our professional opinion the subject site is considered suitable for the support of the proposed Dollar General Store building.

##### **4.2 Foundation Support**

Provided the foundation and site soils are prepared in accordance with the guidelines presented in this report, it is our opinion the proposed building may be supported on a conventional shallow foundation system. The shallow foundation may be designed for an allowable bearing pressure of 2,000 pounds per square foot (psf) or less supported on recompacted soils or newly placed structural fill. In using net pressures, the weight of the footing and backfill over the footing need not be considered. Hence, only loads applied at or above final grade need to be used for dimensioning footings. However, wall bearing footings should be designed with a minimum width of 18 inches, while the individual column footings should have minimum dimensions of 2 feet by 2 feet.

##### **4.3 Settlement Analyses**

Actual magnitude of settlement that will occur beneath foundations will depend upon variations within the subsurface soil profile, actual structural loading conditions, embedment depth of the footings, actual thickness of compacted fill or cut, and the quality of the earthwork operations. Assuming the foundation related site work and foundation design is completed in accordance with the enclosed recommendations, we estimate the total settlement of the structure will be on the order of 1 inch or less. Differential settlements (between adjacent columns or along the length of a continuous wall footing) should be approximately one-half of the total settlement. This settlement is primarily the result of elastic compression of the upper looser sandy soils, and should occur almost immediately following the application of the structural dead load during construction.

#### **4.4 Uplift Resistance**

Under wind loading conditions, the foundations will likely be subjected to uplift forces. To resist these uplift forces, it may be necessary to increase the footing size (thus increasing the dead weight) or lower the footing to mobilize additional soil weight above the footing. Uplift resistance from the soil may be evaluated as the weight of the soil directly above the footing, plus the shearing resistance along the vertical face of the soil prism. Alternately, the available soil uplift resistance may be calculated as the weight of the soil prism defined by the diagonal line drawn from the top of the footing to the ground surface at an angle of 30 degrees with the vertical. We recommend that an estimated total unit weight of 100 pcf (compacted to 95% of the modified Proctor maximum dry density, ASTM D-1557) be used for well-compacted, suitable fill. Should the bottom of any structure be below the stabilized seasonal-high groundwater level, these structures must be properly designed to resist the resulting uplift forces due to hydrostatic pressures.

#### **4.5 Lateral Resistance**

Lateral loads created by wind loads may be resisted by the passive pressure of the soil acting against the side of the individual footings and/or the friction developed between the base of the foundation system and the underlying soils. For compacted backfill and/or in-situ material, the passive pressure may be taken as an equivalent to the pressure exerted by a fluid weighing 300 pcf for above the ground-water table and 113 pcf below water level. A coefficient of friction equal to 0.4 may be used for calculating the frictional resistance at the base of the shallow footings. The resistance values discussed herein are based on the assumption that the foundations can withstand horizontal movements on the order of  $\frac{1}{4}$  inch. Lateral resistance determined in accordance with the recommendations provided herein should be considered the total available resistance. Consequently, the design should include a minimum factor of safety of 1.5.

#### **4.6 Lateral Earth Pressures**

In general, retaining walls are subject to "at-rest" or "active" pressures. Retaining walls that are restrained at the top will be subject to "at-rest" pressures due to their restricted movement. These "at-rest" pressures may be calculated as the equivalent pressure exerted by a fluid density of 50 pcf. Where walls are not restrained at the top and thus allowed sufficient movement to mobilize "active" pressures, an equivalent fluid density of 33 pcf should be used in the design. These values may be used only for walls above the groundwater table. Therefore, the presence of any groundwater due to surface water intrusion should be handled with the use of a drainage layer behind the walls with a collection pipe discharging accumulated water away from the walls. If this is not practical, then the hydrostatic pressure due to water should be included in the design of the walls.



#### **4.7 Drainage Considerations**

Adequate drainage should be provided at the site in order to minimize increase in moisture content of the foundation soils. Excessive moisture can significantly reduce the soil's bearing capacity and contribute to foundation settlement. For the protection of the foundation soils, we recommend the ground surface be sloped away from all proposed structures.

#### **4.8 Floor Slab**

All exposed subgrade soil should be recompact and proofrolled with a fully-loaded, tandem-axle dump-truck or similar pneumatic-tired equipment. Provided the recompaction and proofrolling operations do not indicate significant deflection or pumping of the existing subgrade, the floor slab may be designed as a slab-on-grade. All floor slabs should be supported on at least 4 inches of relatively clean granular material, such as sand, sand and gravel, or crushed stone. This is to help distribute concentrated loads and equalize moisture beneath the slab. This granular material should have 100 percent passing the 1½ -inch sieve and a maximum of 10 percent passing the No. 200 sieve.

Based upon the soil conditions encountered at the subject site, the anticipated fill placement, and the recommended site preparation operations presented in this report, a modulus of vertical subgrade reaction (k) for the slab bearing soils of 150 pounds per square inch per inch of vertical deflection (pci) for the recommended structural fill compaction criteria.

#### **4.9 Exposed Subgrade**

All exposed soils in the building (including a minimum of 5 feet outside the building perimeter) and pavement areas should be compacted with overlapping passes of a relatively heavy weight vibratory drum roller having a total operating static weight (weight of fuel and water included) of at least 10 tons and a drum diameter of 5 feet. All exposed surfaces should be compacted to a minimum of 95 percent of the modified Proctor maximum dry density (ASTM D-1557) to a depth of at least 12 inches below the compacted surface.

#### **4.10 Structural Fill/Backfill**

Structural fill should be placed in thin loose lifts not to exceed 12 inches in thickness and compacted with a heavy roller as described above. For walk-behind equipment, a maximum loose lift thickness of 6 inches is recommended. Each lift should be thoroughly compacted with the vibratory roller to provide densities equivalent to at least 95 percent of the modified Proctor maximum dry density (ASTM D-1557). Structural fill should consist of an inorganic, non-plastic, granular soil containing less than 10 percent material passing the No. 200 mesh sieve (relatively clean sand with a Unified Soil Classification of SP or SP-SM).

## **5.0 PAVEMENT DESIGN CONSIDERATION AND SUBGRADE PREPARATION**

### **5.1 Pavement Areas**

Pavement subgrade should consist of a minimum of 24 inches of well-compacted suitable fill. It is recommended that after finished subgrade is achieved and prior to the placement of grade raise fill, the entire parking and drive areas be thoroughly proofrolled by a qualified engineer to delineate areas of unsuitable subgrade, if any.

The following pavement design is based upon the estimated traffic patterns, the anticipated traffic volume and quality control per the current Florida Department of Transportation (**FDOT**) *Standard Specifications for Road and Bridge Construction*; and the American Association of State Highway and Transportation Officials (**AASHTO**) criteria. The following pavement sections were designed based on an 85.0 percent level of reliability and 0.0 percent growth rate. Effect of frost heave or soil swelling was considered negligible for the Ellisville, Columbia County, Florida area.

#### **5.1.1 Standard Duty Pavement**

Traffic Volume: 1,000 passenger vehicles per day (gross weight of 4,000 pounds each), 2 tractor trailer trucks per week, and 2 trash trucks per week (gross weight of 50,000 pounds each)

Design Life: 20 years (365 working days per year), terminal serviceability = 2.0

Subgrade: Minimum 12 inches of stabilized subgrade

Flexible Pavement: 1½ inches of Type S-III Asphaltic Concrete over 6.0 inches of limerock base material (LBR=100) → Structural Number = 2.7

Rigid Pavement: 5.0 inches of Concrete Pavement over 6.0 inches of limerock base material (LBR=100)

#### **5.1.2 Heavy Duty/Dumpster Areas**

Traffic Volume: Standard duty loading plus 5 tractor trailer trucks (H-20) per day

Design Life: 20 years (365 working days per year), terminal serviceability = 2.5

Subgrade: Minimum 12 inches of stabilized subgrade

Flexible Pavement: 2.0 inches of Type S-III Asphaltic Concrete over 8.0 inches of limerock base material (LBR=100) → Structural Number = 3.3

Rigid Pavement: 6.0 inches of Concrete Pavement over 6.0 inches of limerock base material (LBR=100)

## **5.2 Pavement Subgrade**

It is recommended that pavement subgrade be compacted to a minimum depth of 12 inches to at least 98 percent of the modified Proctor maximum dry density (ASTM D-1557). Any fill utilized to elevate the pavement areas to final subgrade level should consist of relatively clean fine sands (inorganic, non-expansive/non-plastic sands containing less than 10 percent, by weight, of fines). Pavement subgrade should be uniformly compacted to a minimum density of 95 percent of the soil's modified Proctor maximum dry density (ASTM D1557).

Laboratory tests should be performed on all off-site structural fill to be used to elevate proposed pavement areas to confirm these soils meet the minimum requirements and can achieve the desired LBR values. Where subgrade stabilization is necessary, we recommend stabilization be used, as specified by the current Florida Department of Transportation (FDOT) "*Standard Specifications for Road and Bridge Construction*", Section 160.

## **5.3 Base Course**

A limerock, graded aggregate, or crushed concrete base material may be used for this project. Typically in the Columbia County, Florida area it has been our experience that limerock base is the most economical base material. When used, the limerock base should meet the requirements of Section 911 in the current FDOT "*Standard Specifications for Road and Bridge Construction*". Limerock base or graded aggregate base or crushed concrete material, if selected, should be compacted to 98 percent of its maximum dry density as determined by the modified Proctor Test (ASTM D-1557). The selected base should have a minimum LBR value of 100 when compacted to 98 percent of the modified Proctor maximum dry density.

## **5.4 General Pavement Requirements**

Concrete pavement should have the minimum thicknesses listed above. The pavement should include temperature reinforcement consisting of 6X6 W.W.F. made of 8 gauge grade 40 steel. The mesh should be placed at a depth of two (2) inches below the surface of the slab. A maximum joint spacing of 10 feet and 20 feet is recommended in the standard duty and heavy duty sections, respectively. The concrete pavement should have a minimum 28 day compressive strength of 3,500 psi, with a modulus of rupture of 600 psi.

In transition areas where concrete meets asphalt pavement should be thickened to avoid "*impact*" rutting resulting from sudden transfer of loads from ridged to the flexible sections. This may be accomplished by thickening the flexible pavement section to twice the thickness of the rigid section. The thickened section should be 12 inches wide (minimum) and extend along the perimeter of any rigid/flexible pavement interface (for example along the front of the concrete pad for the dumpster).

Generally, it is desirable to maintain the ground-water level at 24 inches below the bottom of the pavement base. Pavement grading design should maintain this minimum separation whenever possible. If this separation cannot be achieved, then a permanent ground-water control system (underdrains) may be required. Water resulting from rainfall, sprinkler or irrigation system should be prevented from entering the pavement sections and deteriorating the subgrade. Therefore, pavement design should consider provisions for preventing water (surface or irrigation) from entering the pavement which can be accomplished by sealing the interface between the asphalt edge and the concrete curb.

## **6.0 REPORT LIMITATIONS**

This report has been prepared for the exclusive use of the **Concept Construction of North Florida, Inc.** of Lake City, Florida, for the specific application to the project discussed herein. Our conclusions and recommendations have been rendered using generally accepted standards of geotechnical engineering practice in the State of Florida. No other warranty is expressed or implied. **CTI** is not responsible for the interpretations, conclusions, opinions, or recommendations of others based on the data contained herein. We note that assessment of environmental conditions on this site was beyond the scope of this exploration.



# **ATTACHMENTS**



**CAL-TECH TESTING, INC.**  
P.O. Box 1625  
Lake City, Florida 32056-1625  
Phone: (386) 755-3633  
Fax: (386) 752-5456

**Vicinity Map**  
Dollar General Store – Geotechnical Exploration  
US 441 & CR 238, US 301 (SR 200)  
Ellisville, Columbia County, Florida  
Cal-Tech Testing Project No. 10-00104-01

Figure 1





CAL-TECH TESTING, INC.  
3309 SW SR 247  
Lake City, Florida 32024  
Telephone: (386) 755-3633  
Fax: (386) 752-5456

# BORING NUMBER B-1

PAGE 1 OF 1

CLIENT Concept Construction of North FL, Inc. PROJECT NAME Dollar General Store  
PROJECT NUMBER 10-00104-01 PROJECT LOCATION US 441 & CR 238, Ellisville, Columbia County, FL  
DATE STARTED 02/25/10 COMPLETED 02/25/10 GROUND ELEVATION \_\_\_\_\_ HOLE SIZE 4"  
DRILLING CONTRACTOR Cal-Tech Testing, Inc. GROUND WATER LEVELS:  
DRILLING METHOD Continuous Flight Auger/Split Spoon AT TIME OF DRILLING ---  
LOGGED BY N.H. CHECKED BY \_\_\_\_\_ AT END OF DRILLING --- Not Encountered  
NOTES BK-51 (manual hammer) AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD %)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								20	40	60	80
								PL	MC	LL	
0								20	40	60	80
		MEDIUM DENSE, grayish brown to yellowish tan, fine sand with silt (SP-SM)/FILL	SPT 1		5-7-8 (15)						
		LOOSE to MEDIUM DENSE, grayish brown to yellowish tan, fine sand with silt (SP-SM)	SPT 2		5-6-7 (13)						
5			SPT 3		5-4-4 (8)						
			SPT 4		3-4-3 (7)						
			SPT 5		3-4-4 (8)						
10		LOOSE to DENSE, reddish brown with tan mottles, clayey fine sand (SC)	SPT 6		4-4-5 (9)						
			SPT 7		14-17-20 (37)						
15											

Bottom of borehole at 15.0 feet.



CAL-TECH TESTING, INC.  
3309 SW SR 247  
Lake City, Florida 32024  
Telephone: (386) 755-3633  
Fax: (386) 752-5456

# BORING NUMBER B-2

PAGE 1 OF 1

CLIENT Concept Construction of North FL, Inc.

PROJECT NAME Dollar General Store

PROJECT NUMBER 10-00104-01

PROJECT LOCATION US 441 & CR 238, Ellisville, Columbia County, FL

DATE STARTED 02/25/10 COMPLETED 02/25/10

GROUND ELEVATION \_\_\_\_\_ HOLE SIZE 4"

DRILLING CONTRACTOR Cal-Tech Testing, Inc.

GROUND WATER LEVELS:

DRILLING METHOD Continuous Flight Auger/Split Spoon

AT TIME OF DRILLING ---

LOGGED BY N.H. CHECKED BY \_\_\_\_\_

AT END OF DRILLING --- Not Encountered

NOTES BK-51 (manual hammer)

AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD %)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	▲ SPT N VALUE ▲			
								20	40	60	80
0								PL	MC	LL	
								20	40	60	80
								□ FINES CONTENT (%) □			
								20	40	60	80
		MEDIUM DENSE, grayish brown to yellowish tan, fine sand with silt (SP-SM)/FILL	SPT 1		5-7-8 (15)						
		LOOSE to MEDIUM DENSE, grayish brown to yellowish tan, fine sand with silt (SP-SM)	SPT 2		5-6-5 (11)						
5			SPT 3		4-4-4 (8)						
			SPT 4		3-3-3 (6)						
		MEDIUM DENSE, reddish brown with tan mottles, clayey fine sand (SC)	SPT 5		5-5-8 (13)						
		VERY STIFF, reddish brown and light gray, mottled, sandy clay (CL)	SPT 6		8-10-13 (23)						
10											
			SPT 7		8-10-14 (24)						
15											

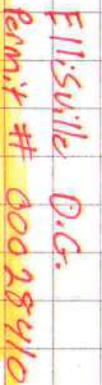
Bottom of borehole at 15.0 feet.



# UNIFIED SOIL CLASSIFICATION SYSTEM

## ASTM DESIGNATION D-2487

MAJOR DIVISIONS			GROUP SYMBOL	TYPICAL NAMES	LABORATORY CLASSIFICATION CRITERIA					
COARSE GRAINED SOILS (More than half of the material is larger than No. 200 sieve)	Gravels (more than half of the coarse fraction is larger than No. 4 sieve)	Clean gravels	GW	Well-graded gravels, gravel-sand mixtures, little or no fines.	$C_u = \frac{D_{60}}{D_{10}} > 4 \quad ; \quad 1 < C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}} < 3$					
			GP	Poorly graded gravels, gravel-sand mixture, little or no fines.	Not meeting all gradation requirements of GW					
		Gravel with fines	GM	Silty gravels, gravel-sand-silt mixtures.	Atterberg Limits below A-Line or PI less than 4	Above A-Line with PI between 4 and 7 are borderline cases requiring the use of dual symbols.				
			GC	Clayey gravels, gravel-sand-clay mixtures.	Atterberg Limits above A-Line or PI greater than 7					
	Sands (more than half of the coarse fraction is smaller than No. 4 sieve)	Clean sands	SW	Well-graded sands, gravelly sands, little or no fines.	$C_u = \frac{D_{60}}{D_{10}} > 6 \quad ; \quad 1 < C_c = \frac{(D_{30})^2}{D_{10} \times D_{60}} < 3$					
			SP	Poorly graded sands, gravelly sands, little or no fines.	Not meeting all gradation requirements of SW					
		Sands with fine	SM	Silty sands, sand-silt mixtures.	Atterberg Limits below A-Line or PI less than 4	Limits plotting in hatched zone with PI between 4 and 7 are borderline cases requiring the use of dual symbols.				
			SC	Clayey sands, sand-clay mixtures.	Atterberg Limits above A-Line or PI greater than 7					
FINE GRAINED SOILS (More than half of the material is finer than No. 200 sieve)	Silts and Clays (LL less than 50)	ML	Inorganic silts, very fine sands, rock flour, silty or clayey fine sands, or clayey silts with slight plasticity.	<div>PLASTICITY CHART</div> <div>1. Plot intersection of PI as determined by the Atterberg Limits tests. 2. Points plotted above the A-Line indicate clay soils. 3. Points plotted below the A-Line indicate silt.</div> <div>LL = 43.5 PI = 46.5</div>						
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clay.							
		OL	Organic silts and organic silty clays of low plasticity.							
	Silts and Clays (LL greater than 50)	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.							
		CH	Inorganic clays of high plasticity, fat clay.							
		OH	Organic clays of medium to high plasticity, organic silts.							
	Highly Organic Soils	Pt	Peat and other highly organic soils.							
	CAL-TECH TESTING, INC. P.O. Box 1625 Lake City, Florida 32056-1625 Phone: 386-755-3633    Fax: 386-752-5456						5% Max. Passing the U.S. No. 200 Sieve ..... SP 5% - 12% Passing the U.S. No. 200 Sieve ..... SP-SM 12% - 50% Passing the U.S. No. 200 Sieve ..... SM/SC			

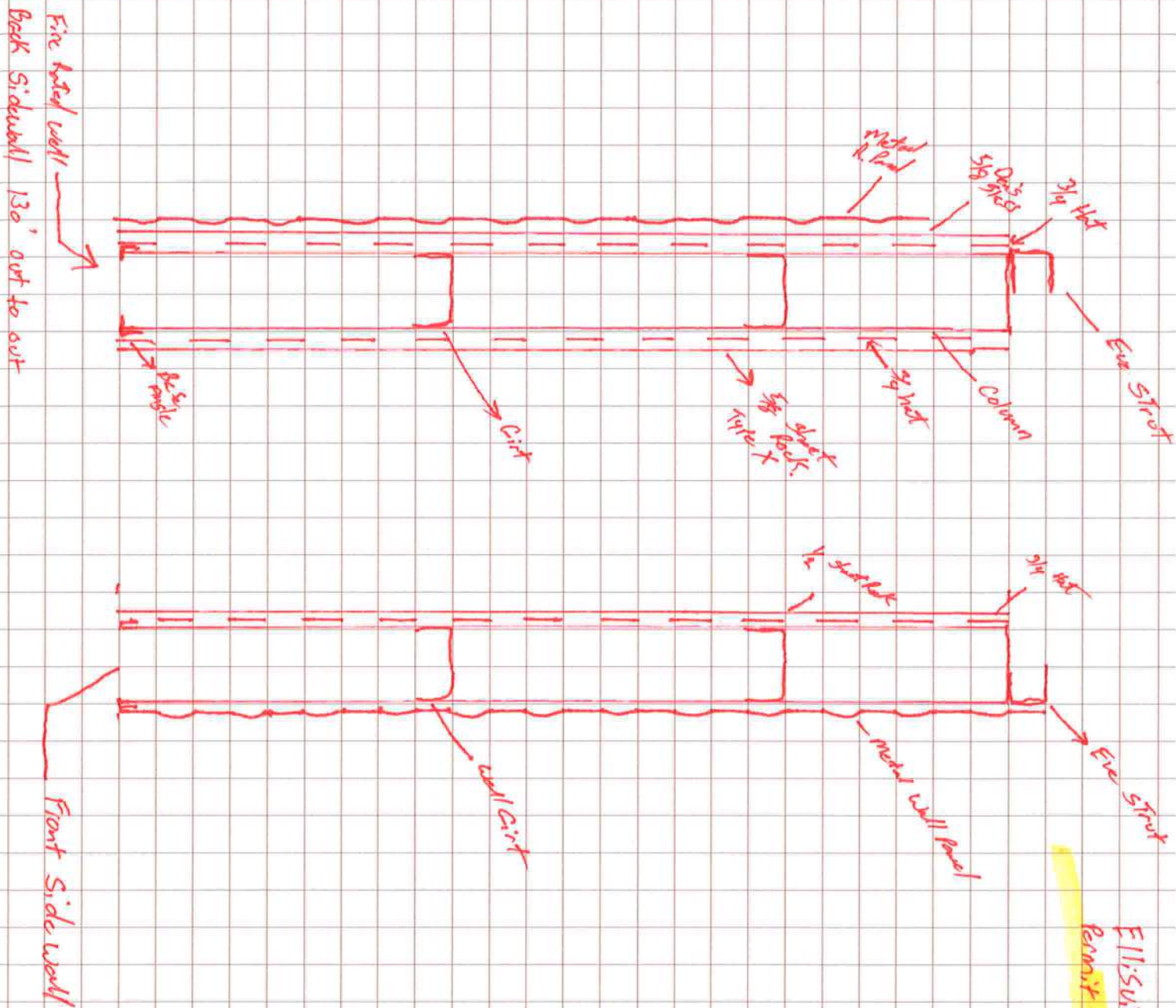


APR 2005 31 MAR 2010





CONCEPT  
CONSTRUCTION



Ellisville D.G.  
Permit # 00028410

ART005 31 Mar 2010

# Florida Energy Efficiency Code For Building Construction

Florida Department of Community Affairs

EnergyGauge Summit® Fla/Com-2008, Effective: March 1, 2009 – Form 400A-2008

Method A: Whole Building Performance Method for Commercial Buildings

## PROJECT SUMMARY

**Short Desc:** DG-ELLISVILLE

**Description:** DOLLAR GENERAL, ELLI

**Owner:**

**Address1:** US HWY 441

**City:** ELLISVILLE

**Address2:**

**State:** FL

**Zip:** 0

**Type:** Retail

**Class:** New Finished building

**Jurisdiction:** COLUMBIA COUNTY, COLUMBIA COUNTY, FL (221000)

**Conditioned Area:** 8988 SF

**Conditioned & UnConditioned Area:** 10748 SF

**No of Stories:** 1

**Area entered from Plans** 10748 SF

**Permit No:** 0

**Max Tonnage** 5

**If different, write in:** \_\_\_\_\_



## CERTIFICATIONS

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

Prepared By: NICHOLAS GEISLER

Building Official: \_\_\_\_\_

Date: 16 Feb 2010

Date: \_\_\_\_\_

I certify that this building is in compliance with the FLorida Energy Efficiency Code

Owner Agent: \_\_\_\_\_

Date: \_\_\_\_\_

If Required by Florida law, I hereby certify (\*) that the system design is in compliance with the FLorida Energy Efficiency Code

Architect: NICHOLAS PAUL GEISLER

Reg No: AR27025

Electrical Designer: \_\_\_\_\_

Reg No: \_\_\_\_\_

Lighting Designer: \_\_\_\_\_

Reg No: \_\_\_\_\_

Mechanical Designer: \_\_\_\_\_

Reg No: \_\_\_\_\_

Plumbing Designer: \_\_\_\_\_

Reg No: \_\_\_\_\_

(\*) Signature is required where Florida Law requires design to be performed by registered design professionals.

### Compliance Summary

Component	Design	Criteria	Result
Gross Energy Cost (in \$)	9,801.0	12,926.0	PASSED
LIGHTING CONTROLS			PASSES
EXTERNAL LIGHTING			PASSES
HVAC SYSTEM			PASSES
PLANT			None Entered
WATER HEATING SYSTEMS			PASSES
PIPING SYSTEMS			PASSES
Met all required compliance from Check List?			Yes/No/NA

#### IMPORTANT MESSAGE

Info 5009 -- -- -- An input report of this design building must be submitted along with this Compliance Report

**Project: DG-ELLISVILLE**  
**Title: DOLLAR GENERAL, ELLISVILLE, FL**  
**Type: Retail**  
**(WEA File: FL\_JACKSONVILLE\_INTL\_ARPT.tn3)**

### Building End Uses

	1) Proposed	2) Baseline
<b>Total</b>	<b>669.00</b>	<b>1,040.00</b>
	<b>\$9,801</b>	<b>\$15,207</b>
<b>ELECTRICITY(MBtu/kWh/\$)</b>	<b>669.00</b>	<b>1,040.00</b>
	<b>196028</b>	<b>304751</b>
	<b>\$9,801</b>	<b>\$15,207</b>
<b>AREA LIGHTS</b>	<b>21.20</b>	<b>321.00</b>
	<b>6223</b>	<b>94054</b>
	<b>\$311</b>	<b>\$4,693</b>
<b>MISC EQUIPMT</b>	<b>146.10</b>	<b>146.10</b>
	<b>42813</b>	<b>42813</b>
	<b>\$2,141</b>	<b>\$2,136</b>
<b>PUMPS &amp; MISC</b>	<b>0.10</b>	<b>1.10</b>
	<b>40</b>	<b>334</b>
	<b>\$2</b>	<b>\$17</b>
<b>SPACE COOL</b>	<b>149.00</b>	<b>391.30</b>
	<b>43654</b>	<b>114653</b>
	<b>\$2,183</b>	<b>\$5,721</b>
<b>SPACE HEAT</b>	<b>14.90</b>	<b>0.30</b>
	<b>4356</b>	<b>88</b>
	<b>\$218</b>	<b>\$4</b>
<b>VENT FANS</b>	<b>337.70</b>	<b>180.20</b>
	<b>98942</b>	<b>52809</b>
	<b>\$4,947</b>	<b>\$2,635</b>

Passing requires Proposed Building cost to be at most 85%  
 of Baseline cost. This Proposed Building is at 64.5%

**PASSES**

**Project: DG-ELLISVILLE**  
**Title: DOLLAR GENERAL, ELLISVILLE, FL**  
**Type: Retail**  
**(WEA File: FL JACKSONVILLE INTL ARPT.tn3)**

### External Lighting Compliance

Description	Category	Tradable?	Allowance (W/Unit)	Area or Length or No. of Units (Sqft or ft)	ELPA (W)	CLP (W)
Ext Light 1	Uncovered Parking Areas -- Parking lots and Drives	Yes	0.15	15,600.0	2,340	2,000
Ext Light 2	Building facades (by linear foot)	No	5.00	232.0	1,160	800
<b>Tradable Surfaces: 2000 (W) Allowance for Tradable: 2340 (W)</b> <b>All External Lighting: 2800 (W)</b>						<b>PASSES</b>

**Project: DG-ELLISVILLE**  
**Title: DOLLAR GENERAL, ELLISVILLE, FL**  
**Type: Retail**  
**(WEA File: FL JACKSONVILLE INTL ARPT.tn3)**

### Lighting Controls Compliance

Acronym	Ashrae ID	Description	Area (sq.ft)	Design CP	Min CP	Compliance
Pr0Zo1Sp1	25.001	Sales Area	8,031	4	4	PASSES
Pr0Zo1Sp2	3	Storage & Warehouse - Bulky Active Storage	957	1	1	PASSES
Pr0Zo2Sp1	25.001	Sales Area	1,760	1	1	PASSES
						<b>PASSES</b>



**Project: DG-ELLISVILLE**  
**Title: DOLLAR GENERAL, ELLISVILLE, FL**  
**Type: Retail**  
**(WEA File: FL\_JACKSONVILLE\_INTL\_ARPT.tm3)**

### System Report Compliance

**Pr0Sy1**      **System 1**      **Constant Volume Air Cooled**      **No. of Units**  
**Single Package System <**      **4**  
**65000 Btu/hr**

Component	Category	Capacity	Design Eff	Eff Criteria	Design IPLV	IPLV Criteria	Compliance
Cooling System	Air Conditioners Air Cooled Single Pkg < 65000 Btu/h Cooling Capacity		14.00	12.00	8.00		PASSES
Heating System	Heat Pumps Air Cooled (Heating Mode) Single Pkg < 65000 Btu/h Cooling Capacity		8.00	7.40			PASSES
Air Handling System - Supply	Air Handler (Supply) - Constant Volume		0.75	0.90			PASSES
Air Handling System - Return	Air Handler (Return) - Constant Volume		0.75	0.90			PASSES
Air Distribution System	ADS System		4.20	3.50			PASSES

**PASSES**

### Plant Compliance

Description	Installed No	Size	Design Eff	Min Eff	Design IPLV	Min IPLV	Category	Compliance

**None**

**Project: DG-ELLISVILLE**  
**Title: DOLLAR GENERAL, ELLISVILLE, FL**  
**Type: Retail**  
**(WEA File: FL\_JACKSONVILLE\_INTL\_ARPT.tm3)**

### Water Heater Compliance

Description	Type	Category	Design Eff	Min Eff	Design Loss	Max Loss	Compliance
Water Heater 1	Electric water heater	<= 12 [kW]	0.90	0.88			PASSES

**PASSES**

**Project: DG-ELLISVILLE**  
**Title: DOLLAR GENERAL, ELLISVILLE, FL**  
**Type: Retail**  
**(WEA File: FL JACKSONVILLE INTL ARPT.tm3)**

### **Piping System Compliance**

<b>Category</b>	<b>Pipe Dia [inches]</b>	<b>Is Runout?</b>	<b>Operating Temp [F]</b>	<b>Ins Cond [Btu-in/hr .SF.F]</b>	<b>Ins Thick [in]</b>	<b>Req Ins Thick [in]</b>	<b>Compliance</b>
Domestic and Service Hot Water Systems	0.75	False	125.00	0.28	0.62	0.50	PASSES

**PASSES**

Project: DG-ELLISVILLE  
Title: DOLLAR GENERAL, ELLISVILLE, FL  
Type: Retail  
(WEA File: FL\_JACKSONVILLE\_INTL\_ARPT.tn3)

### Other Required Compliance

Category	Section	Requirement (write N/A in box if not applicable)	Check
Report	13-101	Input Report Print-Out from EnergyGauge FlaCom attached	<input type="checkbox"/>
Operations Manual	13-102.1, 13-410, 13-413	Operations manual provided to owner	<input type="checkbox"/>
Windows & Doors	13-406.AB.1.1	Glazed swinging entrance & revolving doors: max. 1.0 cfm/ft <sup>2</sup> ; all other products: 0.4 cfm/ft <sup>2</sup>	<input type="checkbox"/>
Joints/Cracks	13-406.AB.1.2	To be caulked, gasketed, weather-stripped or otherwise sealed	<input type="checkbox"/>
Dropped Ceiling Cavity System	13-406.AB.3 13-407	Vented: seal & insulated ceiling. Unvented seal & insulate roof & side walls HVAC Load sizing has been performed	<input type="checkbox"/> <input type="checkbox"/>
Reheat	13-407.B	Electric resistance reheat prohibited	<input type="checkbox"/>
HVAC Efficiency	13-407, 13-408	Minimum efficiencies: Cooling Tables 13-407.AB.3.2.1A-D; Heating Tables 13-407.AB.3.2.1B, 13-407.AB.3.2.1D, 13-408.AB.3.2.1E, 13-408.AB.3.2F	<input type="checkbox"/>
HVAC Controls	13-407.AB.2	Zone controls prevent reheat (exceptions); simultaneous heating and cooling in each zone; combined HAC deadband of at least 5°F (exceptions)	<input type="checkbox"/>
Ventilation Controls	13-409.AB.3	Motorized dampers reqd, except gravity dampers OK in: 1) exhaust systems and 2) systems with design outside air intake or exhaust capacity ≤ 300 cfm	<input type="checkbox"/>
ADS	13-410	Duct sizing and Design have been performed	<input type="checkbox"/>
HVAC Ducts	13-410.AB	Air ducts, fittings, mechanical equipment & plenum chambers shall be mechanically attached, sealed, insulated & installed per Sec. 13-410 Air Distribution Systems	<input type="checkbox"/>
Balancing	13-410.AB.4	HVAC distribution system(s) tested & balanced. Report in construction documents	<input type="checkbox"/>
Piping Insulation	13-411.AB	In accordance with Table 13-411.AB.2	<input type="checkbox"/>
Water Heaters	13-412.AB	Performance requirements in accordance with Table 13-412.AB.3. Heat trap required	<input type="checkbox"/>
Swimming Pools	13-412.AB.2.6	Cover on heated swimming pools: Time switch (exceptions); Readily accessible on/off switch	<input type="checkbox"/>
Hot Water Pipe Insulation	13-411.AB.3	Table 13-411.AB.2 for circulating systems, first 8 feet of outlet pipe from storage tank and between inlet pipe and heat trap	<input type="checkbox"/>
Water Fixtures	13-412.AB.2.5	Shower hot water flow restricted to 2.5 gpm at 80 psi. Public lavatory fixture hot water flow 0.5 gpm max; if self-closing valve 0.25 gallon recirculating, 0.5 gallon non recirculating	<input type="checkbox"/>
Motors	13-414	Motor efficiency criteria have been met	<input type="checkbox"/>
Lighting Controls	13-415.AB	Automatic control required for interior lighting in buildings >5,000 s.f.; Space control; Exterior photo sensor; Tandem wiring with 1 or 3 linear fluorescent lamps >30W	<input type="checkbox"/>





EnergyGauge Summit® v3.20  
**INPUT DATA REPORT**

**Project Information**

Project Name: DG-ELLISVILLE	Orientation: North
Project Title: DOLLAR GENERAL, ELLISVILLE, FL	Building Type: Retail
Address: US HWY 441	Building Classification: New Finished building
State: FL	No. of Stories: 1
Zip: 0	GrossArea: 10748 SF
Owner:	

**Zones**

No	Acronym	Description	Type	Area [sf]	Multiplier	Total Area [sf]
1	Pr0Zo1	Zone 1	CONDITIONED	8988.0	1	8988.0
2	Pr0Zo2	Zone 2	UNCONDITIONED	1760.0	1	1760.0

## Spaces

No	Acronym	Description	Type	Depth [ft]	Width [ft]	Height [ft]	Multi plier	Total Area [sf]	Total Volume [cf]
<b>In Zone: Pr0Zo1</b>									
1	Pr0Zo1Sp1	Zo0Sp1	Sales Area	70.00	114.73	10.00	1	8031.1	80311.0
2	Pr0Zo1Sp2	Zo0Sp2	Storage & Warehouse - Bulky Active Storage	70.00	13.67	10.00	1	956.9	9569.0
<b>In Zone: Pr0Zo2</b>									
1	Pr0Zo2Sp1	Zo0Sp1	Sales Area	55.00	32.00	10.00	1	1760.0	17600.0

## Lighting

No	Type	Category	No. of Luminaires	Watts per Luminaire	Power [W]	Control Type	No. of Ctrl pts
<b>In Zone: Pr0Zo1</b>							
<b>In Space: Pr0Zo1Sp1</b>							
1	Suspended Fluorescent	Display/Accent Lighting	116	128	14848	Manual On/Off	4
2	Compact Fluorescent	General Lighting	9	64	576	Manual On/Off	4
<b>In Space: Pr0Zo1Sp2</b>							
1	Suspended Fluorescent	General Lighting	4	128	512	Manual On/Off	1
<b>In Zone: Pr0Zo2</b>							
<b>In Space: Pr0Zo2Sp1</b>							
1	Suspended Fluorescent	General Lighting	1	64	64	Manual On/Off	1

## Walls

No	Description	Type	Width H (Effec) [ft]	Multi plier	Area [sf]	DirectionConductance [Btu/hr. sf. F]	Heat Capacity [Btu/sf.F]	Dens. [lb/cf]	R-Value [h.s.f.F/Btu]
<b>In Zone: Pr0Zo1</b>									

1	Pr0Zo1Wal	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	114.75	13.00	1	1491.8	North	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
2	Pr0Zo1Wa2	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	21.42	13.00	1	278.5	NorthWest	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
3	Pr0Zo1Wa3	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	55.00	13.00	1	715.0	West	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
4	Pr0Zo1Wa4	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	130.00	13.00	1	1690.0	South	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
5	Pr0Zo1Wa5	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	15.00	13.00	1	195.0	East	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
<b>In Zone: Pr0Zo2</b>												
1	Pr0Zo2Wal	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	32.00	13.00	1	416.0	South	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
2	Pr0Zo2Wa2	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	55.00	13.00	1	715.0	East	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
3	Pr0Zo2Wa3	Metal siding/2x4@24"+R1 1Batt/5/8"Gyp	32.00	13.00	1	416.0	North	0.0920	1.072	19.38	10.9	<input type="checkbox"/>
4	Pr0Zo2Wa4	Partition wall, 0.75 in. gyp, airspace, 0.75 in. gyp	55.00	13.00	1	715.0	North	0.8350	2.500	100.00	1.2	<input type="checkbox"/>

## Windows

No	Description	Type	Shaded	U [Btu/hr sf F]	SHGC	Vis.Tra	W [ft]	H (Effec) [ft]	Multi plier	Total Area [sf]	
<b>In Zone: Pr0Zo1</b>											
<b>In Wall: Pr0Zo1Wa2</b>											
1	Pr0Zo1Wa2W1	User Defined	No	1.2500	0.82	0.76	7.50	10.00	2	150.0	<input type="checkbox"/>
2	Pr0Zo1Wa2W12	User Defined	No	1.2500	0.82	0.76	6.00	3.00	1	18.0	<input type="checkbox"/>
3	Pr0Zo1Wa2W13	User Defined	No	1.2500	0.82	0.76	3.00	7.00	2	42.0	<input type="checkbox"/>

In Zone: Pr0Zo2											
In Wall: Pr0Zo2Wa3											
1	Pr0Zo2Wa3Wi1	User Defined	No	1.2500	0.82	0.76	11.17	10.00	2	223.4	<input type="checkbox"/>
2	Pr0Zo2Wa3Wi2	User Defined	No	1.2500	0.82	0.76	6.00	3.00	1	18.0	<input type="checkbox"/>
3	Pr0Zo2Wa3Wi3	User Defined	No	1.2500	0.82	0.76	3.00	7.00	2	42.0	<input type="checkbox"/>

## Doors

No	Description	Type	Shaded?	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Dens. [lb/cf]	Heat Cap. [Btu/sf. F]	R-Value [h.sf.F/Btu]	
In Zone: Pr0Zo1												
In Wall: Pr0Zo1Wa1												
1	Pr0Zo1Wa1Dr1	Solid core flush (2.25)	No	3.00	7.00	1	21.0	0.3504	0.00	0.00	2.85	<input type="checkbox"/>
In Wall: Pr0Zo1Wa5												
1	Pr0Zo1Wa5Dr1	Solid core flush (2.25)	No	3.00	7.00	2	21.0	0.3504	0.00	0.00	2.85	<input type="checkbox"/>

## Roofs

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Tilt [deg]	Cond. [Btu/hr. Sf. F]	Heat Cap Dens. [lb/cf]	R-Value [h.sf.F/Btu]		
In Zone: Pr0Zo1												
1	Pr0Zo1Rf1	Mtl Bldg Roof/R-19 Batt	114.75	70.00	1	8032.5	9.00	0.0492	1.34	9.49	20.3	<input type="checkbox"/>
2	Pr0Zo1Rf2	Mtl Bldg Roof/R-19 Batt	15.25	55.00	1	838.8	9.00	0.0492	1.34	9.49	20.3	<input type="checkbox"/>
3	Pr0Zo1Rf3	Mtl Bldg Roof/R-19 Batt	21.42	5.38	1	115.1	9.00	0.0492	1.34	9.49	20.3	<input type="checkbox"/>
In Zone: Pr0Zo2												
1	Pr0Zo2Rf1	Mtl Bldg Roof/R-19 Batt	32.00	55.00	1	1760.0	9.00	0.0492	1.34	9.49	20.3	<input type="checkbox"/>



## Skylights

No	Description	Type	U [Btu/hr sf F]	SHGC	Vis. Trans	W [ft]	H (Effec) [ft]	Multinlier	Area [Sf]	Total Area [Sf]
In Zone:										
In Roof:										
<input type="checkbox"/>										

## Floors

No	Description	Type	Width [ft]	H (Effec) [ft]	Multi plier	Area [sf]	Cond. [Btu/hr. sf. F]	Heat Cap. Dens. [Btu/sf. F]	[lb/cf]	R-Value [h.sf.F/Btu]
In Zone: Pr0Zo1										
1	Pr0Zo1FI1	1 ft. soil, concrete floor, carpet and rubber pad	114.75	70.00	1	8032.5	0.2681	34.00	113.33	3.73
2	Pr0Zo1FI2	1 ft. soil, concrete floor, carpet and rubber pad	15.25	55.00	1	838.8	0.2681	34.00	113.33	3.73
3	Pr0Zo1FI3	1 ft. soil, concrete floor, carpet and rubber pad	21.42	5.38	1	115.1	0.2681	34.00	113.33	3.73

## Systems

Pr0Sy1		System 1	Constant Volume Air Cooled Single Package System < 65000 Btu/hr		No. Of Units	4
Component	Category	Capacity	Efficiency	IPLV		
1	Cooling System	60000.00	14.00	8.00	<input type="checkbox"/>	
2	Heating System	58000.00	8.00		<input type="checkbox"/>	
3	Air Handling System - Supply	2000.00	0.75		<input type="checkbox"/>	
4	Air Handling System - Return	2000.00	0.75		<input type="checkbox"/>	
5	Air Distribution System		4.20		<input type="checkbox"/>	

## Plant

Equipment	Category	Size	Inst.No	Eff.	IPLV

## Water Heaters

W-Heater Description	CapacityCap. Unit	I/P Rt.	Efficiency	Loss
1 Electric water heater	40 [Gal]	5 [kW]	0.9000 [Ef]	[Btu/h]

## Ext-Lighting

Description	Category	No. of Luminaires	Watts per Luminaire	Area/Len/No. of units [sf/ft/No]	Control Type	Wattage [W]
1 Ext Light 1	Uncovered Parking Areas -- Parking lots and Drives	5	400	15600.00	Photo Sensor control	2000.00
2 Ext Light 2	Building facades (by linear foot)	2	400	232.00	Photo Sensor control	800.00

## Piping

No	Type	Operating Temperature [F]	Insulation Conductivity [ Btu-in/h.sf.F]	Nomonal pipe Diameter [in]	Insulation Thickness [in]	Is Runout?
1	Domestic and Service Hot Water Systems	125.00	0.28	0.75	0.62	No

## Fenestration Used

Name	Glass Type	No. of Panels	Glass Conductance [Btu/h.sf.F]	SHGC	VLT	
ASHULSglClrAl IFrm	User Defined	1	1.2500	0.8200	0.7600	<input type="checkbox"/>

## Materials Used

Mat No	Acronym	Description	Only R-Value Used	RValue [h.sf.F/Btu]	Thickness [ft]	Conductivity [Btu/h.ft.F]	Density [lb/cf]	SpecificHea t
187	Matl187	GYP OR PLAS BOARD, 1/2IN	No	0.4533	0.0417	0.0920	50.00	0.2000
178	Matl178	CARPET W/RUBBER PAD	Yes	1.2300				<input type="checkbox"/>
265	Matl265	Soil, 1 ft	No	2.0000	1.0000	0.5000	100.00	0.2000
48	Matl48	6 in. Heavyweight concrete	No	0.5000	0.5000	1.0000	140.00	0.2000
57	Matl57	3/4 in. Plaster or gypsum	No	0.1488	0.0625	0.4200	100.00	0.2000
72	Matl72	AIR LAYER, 3/4IN OR LESS, VERT. WALLS	Yes	0.9000				<input type="checkbox"/>
23	Matl23	6 in. Insulation	No	20.0000	0.5000	0.0250	5.70	0.2000
4	Matl4	Steel siding	No	0.0002	0.0050	26.0000	480.00	0.1000
271	Matl271	2x4@24" oc + R11 Batt	No	10.4179	0.2917	0.0280	7.11	0.2000
94	Matl94	BUILT-UP ROOFING, 3/8IN	No	0.3366	0.0313	0.0930	70.00	0.3500

## Constructs Used

No	Name	Simple Construct	Massless Construct	Conductance [Btu/h.sf.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.sf.F/Btu]
1055	Metal siding/2x4@24"+R11Batt/5/8"Gyp	No	No	0.09	1.07	19.38	10.9

Layer	Material No.	Material	Thickness [ft]	Framing Factor	Simple Construct	Massless Construct	Conductance [Btu/h.s.f.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.s.f.F/Btu]
1	4	Steel siding	0.0050	0.000						<input type="checkbox"/>
2	271	2x4@24" oc + R11 Batt	0.2917	0.000						<input type="checkbox"/>
3	187	GYP OR PLAS BOARD, 1/2IN	0.0417	0.000						<input type="checkbox"/>
No	Name									
1056	Mtl Bldg Roof/R-19 Batt		No	No	0.05	1.34	9.49	20.3		<input type="checkbox"/>
Layer	Material No.	Material	Thickness [ft]	Framing Factor	Simple Construct	Massless Construct	Conductance [Btu/h.s.f.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.s.f.F/Btu]
1	94	BUILT-UP ROOFING, 3/8IN	0.0313	0.000						<input type="checkbox"/>
2	23	6 in. Insulation	0.5000	0.000						<input type="checkbox"/>
No	Name									
1057	1 ft. soil, concrete floor, carpet and rubber pad		No	No	0.27	34.00	113.33	3.7		<input type="checkbox"/>
Layer	Material No.	Material	Thickness [ft]	Framing Factor	Simple Construct	Massless Construct	Conductance [Btu/h.s.f.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.s.f.F/Btu]
1	265	Soil, 1 ft	1.0000	0.000						<input type="checkbox"/>
2	48	6 in. Heavyweight concrete	0.5000	0.000						<input type="checkbox"/>
3	178	CARPET W/RUBBER PAD		0.000						<input type="checkbox"/>
No	Name									
1058	Solid core flush (2.25)		No	Yes	0.35			2.9		<input type="checkbox"/>
Layer	Material No.	Material	Thickness [ft]	Framing Factor	Simple Construct	Massless Construct	Conductance [Btu/h.s.f.F]	Heat Capacity [Btu/sf.F]	Density [lb/cf]	RValue [h.s.f.F/Btu]
1	279	Solid core flush (2.25")		0.000						<input type="checkbox"/>



# GENERAL BUILDING OF COLUMBIA

## 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 03-6S-17-09565-000

Building permit No. 000028410

Use Classification DOLLAR GENERAL STORE

Fire: 488.64

Permit Holder BRIAN CRAWFORD

Waste: \_\_\_\_\_

Owner of Building WITT LAND LLC

Total: 488.64

Location: 168 SE SR 238, LAKE CITY, FL

Date: 06/11/2010



*[Signature]*  
Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)



## COLUMBIA COUNTY FIRE RESCUE

P.O. BOX 1529 Lake City, Florida 32056  
Office (386) 754-7071 Fax (386) 754-7064

Division Chief  
David L. Boozer

15 June 2010

TO: Harry Dicks  
Columbia County Building and Zoning

FROM: David L. Boozer  
Division Chief / Fire Marshal

RE: Dollar General (Final Inspection)

A final inspection was performed of the newly constructed Dollar General Building located on US 441 in Ellisville. This building was classified under Chapter 36, New Mercantile, of the Florida Fire Prevention Code, 2007 Edition. I recommend Approval of the building.

Should you require any additional information, please feel free to contact my office.

Sincerely,

David L. Boozer

28410

## FAX MEMORANDUM

## MEMORANDUM

## FLORIDA DEPARTMENT OF TRANSPORTATION

To: Mr. John Kerce, Dept. Director  
Columbia Co. Building Dept.  
Fax No: 904-758-2160

From: Neil E. Miles, FDOT Permits Coord.  
Date: 6-15-10 Fax No. 904-961-7180  
Attention: In-House Staff

( ) Sign and return. (XX) For your files. ( ) Please call me. ( ) FYI ( ) For Review

Reason for Contact. REVIEW OF PERMITTED COMMERCIAL DRIVEWAY ACCESS FOR CURRENT COMPLIANCE WITH FDOT ACCESS MANAGEMENT STANDARDS FOR ELLISVILLE, DOLLAR GENERAL STORE.

RE: Commercial Driveway Connection / Inspected On: 6-15-10

STATE ACCESS PERMIT No: 2010-A-292-0002

PROJECT: ELLISVILLE, DOLLAR GENERAL STORE

PHY. ADDRESS: UNKNOWN

PROPT. OWNER: WITT LAND, LLC.

STATE ROAD No: Highway 238

PERMITTEE'S MAILING ADDRESS: 4458 south US Hwy, 41

COL. COUNTY PARCEL Tax ID No: 09565-000

Land Owners Phone #: 386-397-6300

FDOT Permit No: Permit Provisions Satisfied

Mr. Kerce or Staff Member:

Our office completed a review of the above property owners existing Access connection on 6-15-10 and the newly constructed commercial connection has passed inspection for current access management code for Commercial Use. After reviewing the connection, the FDOT Permits Office is satisfied that ALL required ACCESS improvements are acceptable for the property in its current status.

Please accept this notice as legal proof from our office at FDOT Permits in releasing any hold there may be for this person's planned move on in relation to the required Access acceptance.

If further information is required on this project please do not hesitate to contact this office for additional access permitting information details. My office number is 961-7193 or 961-7180.

Sincerely,



Neil Miles

Access Permits Coordinator

It's great to have folks like you to work with, thanks again for your assistance!

**COLUMBIA COUNTY 9-1-1 ADDRESSING**

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 \* FAX: (386) 758-1365 \* Email: rna\_croft@columbiacountyfla.com

**Addressing Maintenance**

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE REQUESTED: 1/12/2010 DATE ISSUED: 1/19/2010

**ENHANCED 9-1-1 ADDRESS:**

168 SE STATE ROAD 238  
LAKE CITY FL 32025  
PROPERTY APPRAISER PARCEL NUMBER:  
03-6S-17-09565-000

Store # 12133

**Remarks:**

SUITE 101 (DOLLAR GENERAL)

Address Issued By:



Columbia County 9-1-1 Addressing / GIS Department

**NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.**

1621



DOLLAR GENERAL - ELLISVILLE

SOP 10-01      Approved 28.01.10  
V 0273                      "                      "

Reduction of # of parking Spaces  
from 56 to 52