

DATE 04/02/2008

Columbia County Building Permit  
This Permit Must Be Prominently Posted on Premises During Construction

PERMIT  
000026899

APPLICANT JAMES BON PHONE 352 796-0229  
ADDRESS P.O. BOX 10263 BROOKSVILLE FL 34603  
OWNER CHRISTOPHER & AUDREY MILLER PHONE 352 412-0338  
ADDRESS 3191 SW CR 778 FT. WHITE FL 32038  
CONTRACTOR DARLE CANOVA PHONE 352 796-0229  
LOCATION OF PROPERTY 441S, TR ON 778, 1 1/2 TO 2 MILES ON LEFT

TYPE DEVELOPMENT GROUND STABILIZATION ESTIMATED COST OF CONSTRUCTION 7200.00  
HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES  
FOUNDATION WALLS ROOF PITCH FLOOR  
LAND USE & ZONING MAX. HEIGHT  
Minimum Set Back Requirments: STREET-FRONT REAR SIDE  
NO. EX.D.U. 1 FLOOD ZONE NA DEVELOPMENT PERMIT NO.

PARCEL ID 12-7S-16-04188-000 SUBDIVISION  
LOT BLOCK PHASE UNIT TOTAL ACRES 5.00

CBC1250421  
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor  
EXISTING X07-264 LH JH N  
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILE, EXISTING POOL

Check # or Cash 7134

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 40.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00  
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ FIRE FEE \$ 0.00 WASTE FEE \$  
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 40.00  
INSPECTORS OFFICE L. Hedbo CLERKS OFFICE CH

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

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

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 TO BE IN ACTIVE PROGRESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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



# Columbia County Building Permit Application

For Office Use Only Application # 0804-09 Date Received 4/2/08 By LA Permit # 26899

Zoning Official \_\_\_\_\_ Date \_\_\_\_\_ Flood Zone \_\_\_\_\_ Land Use \_\_\_\_\_ Zoning \_\_\_\_\_

FEMA Map # \_\_\_\_\_ Elevation \_\_\_\_\_ MFE \_\_\_\_\_ River \_\_\_\_\_ Plans Examiner OKJTH Date 4-2-08

Comments \_\_\_\_\_

☐ NOC ☒ EH ☐ Deed or PA ☒ Site Plan ☐ State Road Info ☐ Parent Parcel # \_\_\_\_\_

☐ Dev Permit # \_\_\_\_\_ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter

IMPACT FEES: EMS \_\_\_\_\_ Fire \_\_\_\_\_ Corr \_\_\_\_\_ Road/Code \_\_\_\_\_

School \_\_\_\_\_ = TOTAL \_\_\_\_\_

Septic Permit No. X07-264 Jamie Bon Fax 352-754-4558  
DARLE M. CANOVA

Name Authorized Person Signing Permit Christopher or Audrey Miller Phone 352-412-0338  
352-796-0229

Address PO Box 10263 Brooksville, FL 34603

Owners Name Christopher or Audrey Miller Phone 352-412-0338

911 Address 3191 S.W. CR 778 FT White, FL 32038

Contractors Name Darle M. Canova (LRE Grand Services Inc) Phone 352-796-0229

Address PO Box 10263 Brooksville, FL 34603

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address SOJI Global Corp 4509 George Rd. Tampa FL 33634

Mortgage Lenders Name & Address N/A

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

Property ID Number 12-75-16-04188-000 HX Estimated Cost of Construction 7,200.00

Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_

Driving Directions Take Hwy 90 to I 75 Go South to 441/441 South to  
778 SW to Home

Number of Existing Dwellings on Property 1

Construction of Ground Stabilization/Shallow Grouting Total Acreage 5 Lot Size \_\_\_\_\_

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height \_\_\_\_\_

Actual Distance of Structure from Property Lines - Front \_\_\_\_\_ Side \_\_\_\_\_ Side \_\_\_\_\_ Rear \_\_\_\_\_

Number of Stories \_\_\_\_\_ Heated Floor Area \_\_\_\_\_ Total Floor Area \_\_\_\_\_ Roof Pitch \_\_\_\_\_

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.



**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.

**FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment**

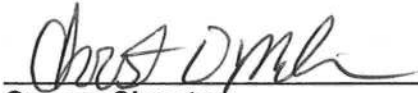
According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects 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 hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.



Owners Signature

**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.



Contractor's Signature (Permitee)

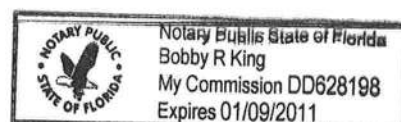
Contractor's License Number CBC 1250421  
Columbia County  
Competency Card Number \_\_\_\_\_

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 2 day of April 2008.  
Personally known ☒ or Produced Identification \_\_\_\_\_



State of Florida Notary Signature (For the Contractor)

SEAL:



## Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0706-87 Date Received 6/27/07 By UH Permit # 25999  
 Application Approved by - Zoning Official BLK Date 05.07.07 Plans Examiner OK JTH Date 7-3-07  
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3  
 Comments noc on file / Letter of authorization on file

Applicants Name Christopher or Audrey Miller Fax: 352-754-4558  
 Address P.O. Box 10263, Brooksville, FL 34603 Phone 352-412-0338  
 Owners Name Christopher or Audrey Miller Phone 352-412-0338  
 911 Address 3191 SW CR 778 FT White, FL 32038  
 Contractors Name DARLE M. CANOVA (LRE Grand Services) Phone 352-796-0229  
 Address P.O. Box 10263 Brooksville, FL 34601  
 Fee Simple Owner Name & Address N/A  
 Bonding Co. Name & Address N/A  
 Architect/Engineer Name & Address SD 11 Global Corporation  
 Mortgage Lenders Name & Address \_\_\_\_\_

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

Property ID Number 12-75-16-04188-000 HX Estimated Cost of Construction 100,000.00

Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_

Driving Directions TAKE Hwy 90 to I-75 Go South to 44/41 South to 778 SW to Home

Type of Construction Ground stabilization / Pressure Grouting Number of Existing Dwellings on Property 1  
 Total Acreage 5 Lot Size \_\_\_\_\_ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
 Actual Distance of Structure from Property Lines - Front \_\_\_\_\_ Side \_\_\_\_\_ Side \_\_\_\_\_ Rear \_\_\_\_\_  
 Total Building Height \_\_\_\_\_ Number of Stories \_\_\_\_\_ Heated Floor Area \_\_\_\_\_ Roof Pitch \_\_\_\_\_

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.

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

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

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

Personally known \_\_\_\_\_ or Produced Identification \_\_\_\_\_

Contractor Signature

Contractors License Number CBS1250421

Competency Card Number \_\_\_\_\_

NOTARY STAMP/SEAL

Notary Signature



RACHEL DEANA VITALE  
Notary Public - State of Florida  
My Commission Expires Jan 26, 2008  
Commission # DD 390199  
Bonded By National Notary Assn.



Permit No. \_\_\_\_\_  
Key No. \_\_\_\_\_  
Tax Folio/Parcel ID: 12-7S-16-04188-000 HX

## NOTICE OF COMMENCEMENT

State of Florida

County of Columbia

**THE UNDERSIGNED hereby gives notice that improvement will be made to certain, and in accordance with Chapter 713, Florida State Statutes, the following information is provided in this Notice of Commencement:**

1. Description of Property: Parcel No. 12-7S-16-04188-000 HX \*\*\*\*\*SEE ATTACHED FOR LEGAL DESCRIPTION\*\*\*\*\*  
(Legal description of the property and street address if available)

2. General Description of Improvement: Shallow Slurry Grouting

3. Owner Information: Name: Christopher or Audrey Miller  
Address: 3191 SW CR 778 City Fort White State FL 32038  
Interest in Property: Owner  
Name and Address of Fee Simple Titleholder (if other than owner): N/A

4. Contractor: Name: Darle M. Canova - LRE Ground Services, Inc.  
Address: P.O. Box 10263 City Brooksville State Florida  
Phone No. 352-796-0229 Fax No. 352-754-4558

5. Surety: Name N/A Amount of Bond \_\_\_\_\_  
Address: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
Phone No. \_\_\_\_\_ Fax No. \_\_\_\_\_

Inst: 200812006545 Date: 4/2/2008 Time: 3:17 PM  
P. DeWitt Cason, Columbia County Page 1 of 1 B: 1147 P: 485

6. Lender: Name: N/A  
Address: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
Phone No. \_\_\_\_\_ Fax No. \_\_\_\_\_

7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)(7), Florida Statutes, Name: N/A  
Address: \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_  
Phone No. \_\_\_\_\_ Fax No. \_\_\_\_\_

8. In addition to himself or herself, Owner designates N/A of \_\_\_\_\_  
To receive a copy of the Lessor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

9. Expiration date of Notice of Commencement (the expiration date is 1 year 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 1, SEC 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 WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.**

Christopher D Miller  
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager

Signatory's Title/Office

State of Florida  
County of Columbia

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 Shawn Feagle  
Deputy Clerk

Date 04-02-2008



The foregoing instrument was acknowledged before me this 2 day of April, 2008 by Christopher D. Miller, as  
(Name of Person)

\_\_\_\_\_ for \_\_\_\_\_  
(Type of authority e.g., office, trustee, attorney in fact) (Name of party on behalf of who instrument was executed)

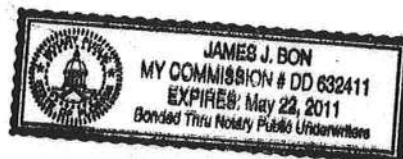
James J. Bon  
Signature of Notary

Print, Type or Stamp Name of Notary

Personally known \_\_\_\_\_ OR Produced Identification ✓  
Type of Identification Produced: DL

Verification pursuant to Section 92.525, Florida Statutes: under  
Penalties 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.

Christopher D Miller  
Signature of Natural Person Signing Above







**SDII Global Corporation**

4509 George Road  
Tampa, Florida 33634

**813.496.9634**

Fax 813.496.9664

October 25, 2007

Ms. Shirley Sebastian  
State Farm Florida Insurance Company  
8001 Bay Meadows Way  
Jacksonville, Florida 32256

**Subject: Remedial Recommendation for Pool  
The Miller Residence – Fort White, Florida  
Claim No. 59-D149474  
SDII Project No. 3016816C**

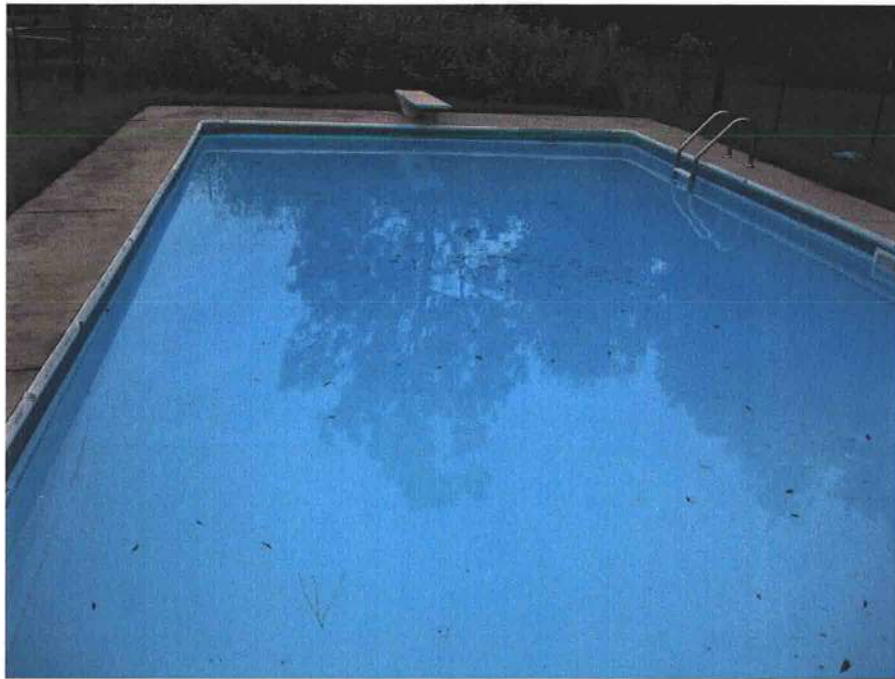
Dear Ms. Sebastian:

At the request of the homeowner, Mr. Miller and with your authorization to proceed, SDII has completed a supplemental site inspection of the subject residence on October 2, 2007. The purpose of the supplement site inspection was to document and assess the newly reported damage to the structure and pool. Specifically, SDII has been requested to develop a remediation plan for the pool, which was collaterally damaged during the remediation of the main residence.

During the supplemental inspection of the residence SDII observed that the west elevation had additional damage consisting of hairline to 1/8-inch wide slab cracking between the framing of the garage door, and hairline to 1/16-inch wide stair step cracking at the window area of the master bedroom. The south elevation had additional damage consisting of hairline to 1/16-inch wide wall cracking under the garage window area at the interface between the wall and foundation. The east elevation had additional damage consisting of hairline to 1/16-inch wide stair step cracking beneath and above the window area of the laundry room, and a hairline to 1/16-inch wide stair step crack located under the window area of the northeast bedroom. Mr. Miller informed SDII that he was also concerned with the uneven surface of the roof.

On the interior of the residence SDII noted that the northeast bedroom has additional damage consisting of hairline to 1/16-inch wide wall and ceiling cracking in the northeast corner of this room. Mr. Miller stated that recently he returned home from work to find a depression under his pool liner, which resulted in a hole in the pool annulus at the shallow end. The homeowner informed SDII that he immediately patched the hole in the vinyl liner and at that time realized that there was a large hole under this area. Illustrations depicting the patched in the pool liner are presented in Photographs 1 through 3 below.

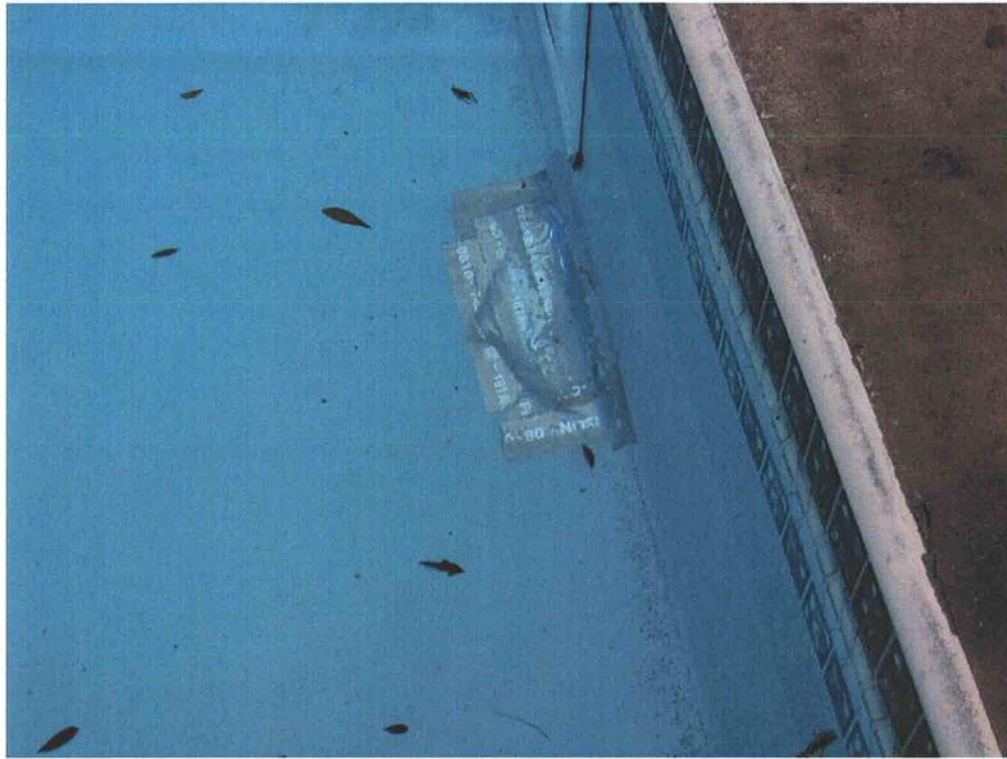




**Photograph 1 – Overview of pool area viewed facing north**



**Photograph 2 – View of temporary repair to pool liner**



**Photograph 3 – Closer view of distress to pool liner**

### ***Evaluation of Structural Damage***

The additional damage observed on the interior and exterior of the residence is a collateral result of the remediation activities that have been completed at the residence. The damage to the residence is considered minor in nature and can be addressed during the cosmetic repair stage of the project. It is the opinion of SDII that the reported undulation in the roof surface was consistent with the age of the structure. SDII did not find direct physical evidence of recent movement of the structure of a sufficient magnitude to cause structural damage to the roof framing.

The damage to the pool appears to have been a collateral result of the remediation activities at the residence. It is the recommendation of SDII that the pool be addressed through a shallow grout injection program. The shallow grout injection should be performed around the perimeter of the pool deck and be designed to densify the sandy soils in the upper ten feet of the soil profile directly beneath the pool shell. Once the shallow grout injection program has been completed, the vinyl pool liner can be removed and repairs to the pool annulus completed.



SDII appreciates the opportunity to have assisted you on this project. If you should have any questions concerning the contents of this report, or if we may be of further assistance, please contact us.

Sincerely,

**SDII Global Corporation**

A handwritten signature in blue ink, appearing to read "Thomas H. Fisher", is written over the printed name.

Thomas H. Fisher, P. E.  
Principal Engineer (Civil/Structural)  
State of Florida Registration 58027

Distribution: Addressee – 2  
File – 1





*L.R.E. Ground Services, Inc.*

P.O. BOX 10263  
BROOKSVILLE, FLORIDA 34603  
(352) 796-0229  
(800) 580-0229  
CBC058696

June 08, 2007

Columbia County Building Dept.

135 N.E. Hernando Ave.  
Lake City, Fl. 32055

RE: Letter of Authorization

To Whom It May Concern:

My name is Darle M. Canova, State Certified Contractor, License No. CBC1250421, Qualifying Agent for L.R.E. Ground Services, Inc.

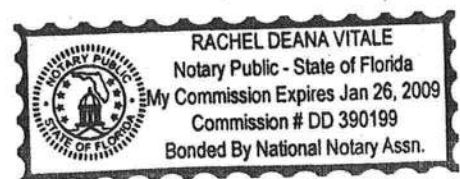
Please accept this letter of authorization for Chris Coburn, (DL#C165-112-74-0300), James Bon (DL#B500-450-56-2480), Victor Feeley (DL#F400-867-78-298-0) and Frank Vitale (DL#V340-278-78-0830) to sign permits on my behalf. This authorization is valid until written notification of termination by the undersigned.

Thank you,

L.R.E. Ground Services Inc.

Darle M. Canova  
Vice President  
Licensed Contractor  
CBC1250421

The foregoing instrument was acknowledged before me this 17<sup>th</sup> day of May, 2007 by Darle M. Canova who is personally known to me and who did not take oath.





Permit #

000026899

June 24, 2008

Ms. Shirley Sebastian  
State Farm Florida Insurance Company  
8001 Bay Meadows Way  
Jacksonville, Florida 32256

**Subject: Completion Report of Shallow Grout Injection Remediation  
The Miller Residence – Fort White, Florida  
Claim No. 59-D149474  
SDII Project No. 3016816D**

Dear Ms. Sebastian:

SDII Global Corporation (SDII) is pleased to present this report summarizing the shallow grout injection remediation performed around the pool area at the Miller residence located at 3191 Southwest County Road 778 in Fort White, Florida. Figure 1 illustrates the project location.

### **BACKGROUND INFORMATION**

SDII was retained by State Farm Florida Insurance Company to monitor and confirm that the shallow grout injection was completed in substantial compliance with the recommendations made in our "*Final Report – Subsidence Investigation*" dated April of 2007, SDII Project Number 3016816.

The purpose of the shallow grout injection program was to densify the sandy soils in the upper ten feet of soil profile directly beneath the pool shell. SDII monitored the contractor's operations during the grouting to verify compliance with the intent of our recommendations.

### **SUMMARY OF MONITORING SERVICES**

The following summarizes the activities we observed and documented at the site:

- LRE Ground Services, Inc. (LRE) installed 24 shallow grout injection points around the perimeter of the pool area between June 4 and June 5, 2008. Pipe depths ranged from approximately 4 to 10 feet for a total of 164 linear feet.

- The contractor used 26.5 bags of Redi-Mix concrete, which was mixed by LRE on site.
- The bags that were mixed on site contained 90 lbs. of concrete. The concrete was manually placed in the pump, which delivered the material to the subsurface beneath the pool.

Based on our observations, the shallow grouting was completed in substantial compliance with our recommendations. Table 1 in the Appendix summarizes the grout injection, including estimated grout volume injected and initial depth of each point. Figure 2 illustrates the location and numbering of the grout points.

It is SDII's understanding that repairs to the pool liner will be done following the shallow grouting operations. Accordingly, any existing damage and/or collateral damage associated with the shallow grouting operations should be repaired at that time by a qualified restoration contractor.

### CLOSING

SDII appreciates the opportunity to be of service to you on this project. If you should have any questions concerning the contents of this report, or if we may be of further assistance, please contact us.

Sincerely,

**SDII GLOBAL CORPORATION**



6/29/08

Thomas H. Fisher, P.E.  
Principal Engineer  
Florida Registration Number 58027

APPENDIX: Table 1 – Shallow Grout Point Injection Summary  
Figure 1 – Project Site Location Map  
Figure 2 – Site Plan Showing As-Installed Location Of Grout Injection Points  
Selected Site Assessment Photographs

DISTRIBUTION: Addressee - 2  
File - 1



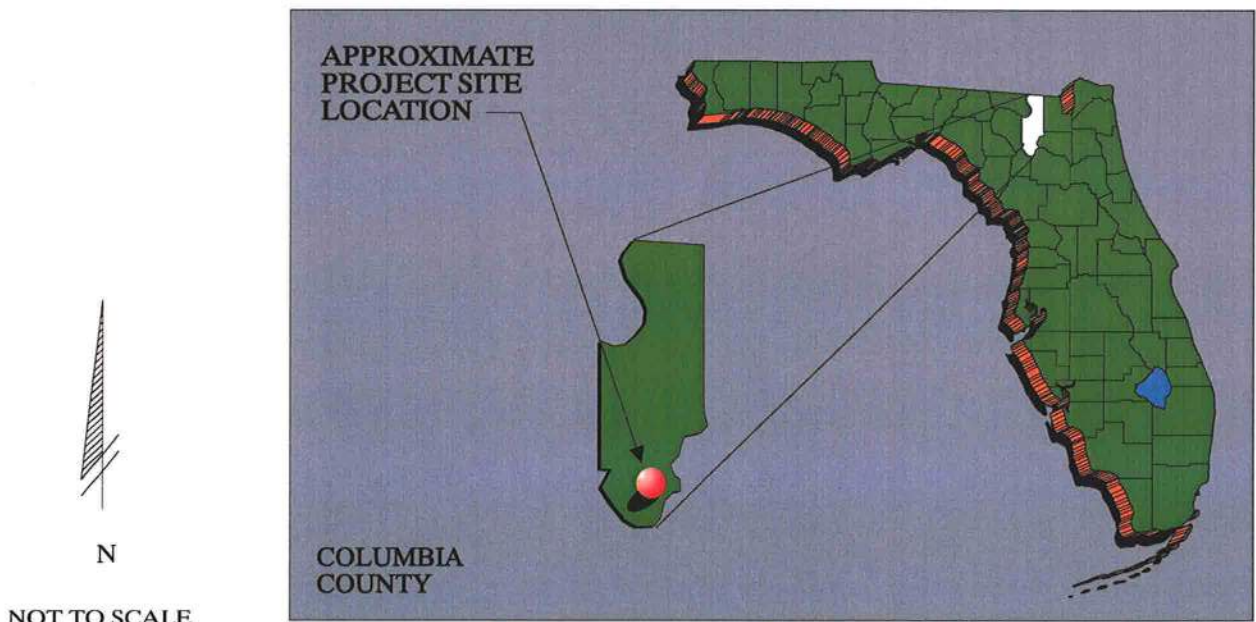
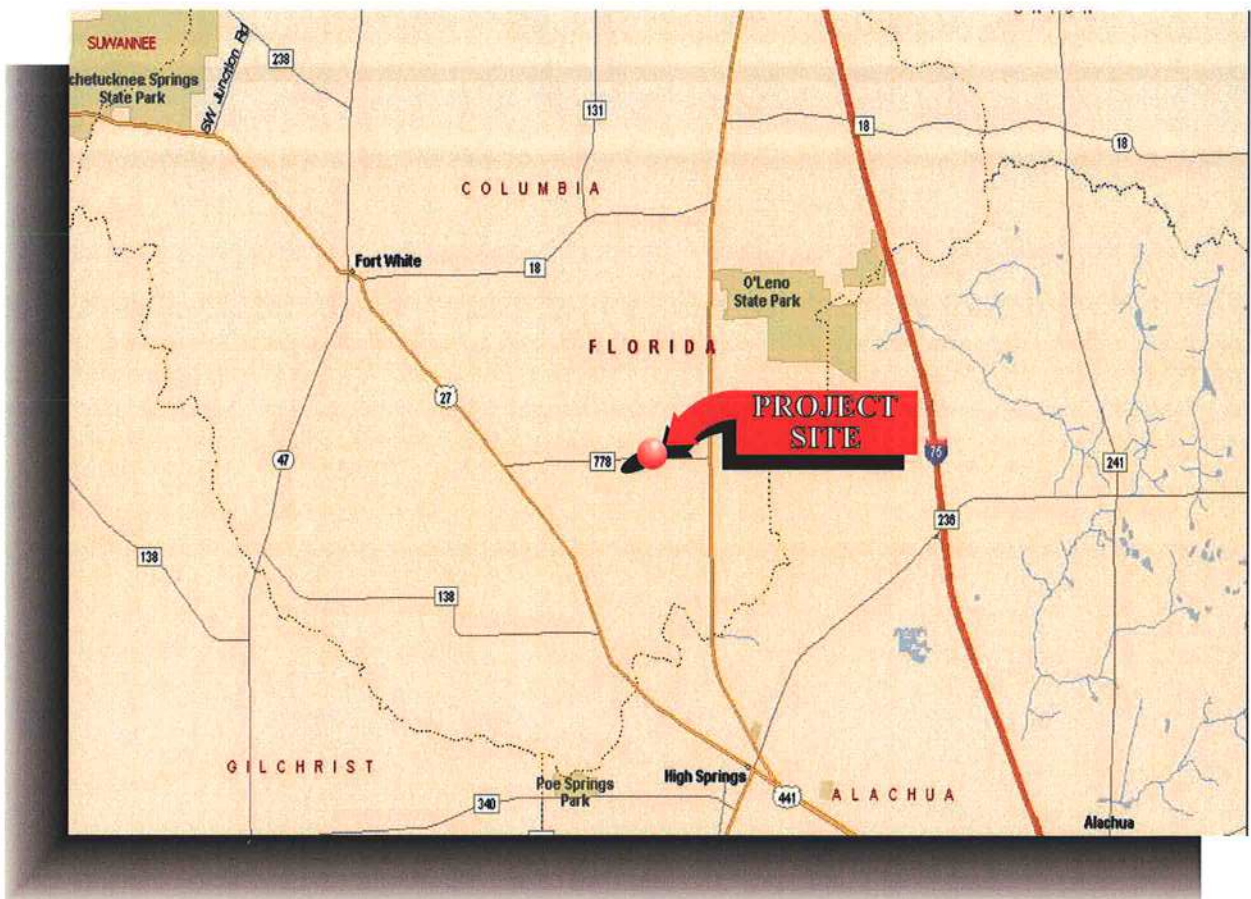
## **APPENDIX**



**Table 1. Grout Point Injection Summary**

<b>Grout Point Number</b>	<b>Initial Pipe Depth (feet)</b>	<b>Approximate Grout Volume (90 lbs. Bags)</b>
<b>1</b>	<b>10</b>	<b>3.5</b>
<b>2</b>	<b>10</b>	<b>1.0</b>
<b>3</b>	<b>10</b>	<b>0.5</b>
<b>4</b>	<b>6</b>	<b>0.5</b>
<b>5</b>	<b>5</b>	<b>0.5</b>
<b>6</b>	<b>5</b>	<b>0.5</b>
<b>7</b>	<b>7</b>	<b>0.25</b>
<b>8</b>	<b>4</b>	<b>0.25</b>
<b>9</b>	<b>7</b>	<b>0.25</b>
<b>10</b>	<b>8</b>	<b>0.25</b>
<b>11</b>	<b>5</b>	<b>0.25</b>
<b>12</b>	<b>5</b>	<b>0.25</b>
<b>13</b>	<b>10</b>	<b>7.0</b>
<b>14</b>	<b>6</b>	<b>0.5</b>
<b>15</b>	<b>7</b>	<b>1.0</b>
<b>16</b>	<b>6</b>	<b>0.5</b>
<b>17</b>	<b>6</b>	<b>0.5</b>
<b>18</b>	<b>7</b>	<b>1.5</b>
<b>19</b>	<b>8</b>	<b>0.5</b>
<b>20</b>	<b>5</b>	<b>0.25</b>
<b>21</b>	<b>8</b>	<b>5.25</b>
<b>22</b>	<b>5</b>	<b>0.5</b>
<b>23</b>	<b>7</b>	<b>0.5</b>
<b>24</b>	<b>7</b>	<b>0.5</b>
<b>TOTAL</b>	<b>164</b>	<b>26.5</b>





STATE FARM FLORIDA  
INSURANCE COMPANY  
JACKSONVILLE, FLORIDA



## PROJECT SITE LOCATION MAP

### MILLER RESIDENCE FORT WHITE, FLORIDA

DESIGNED BY: THF

CHECKED BY: THF

DRAWN BY: OVS

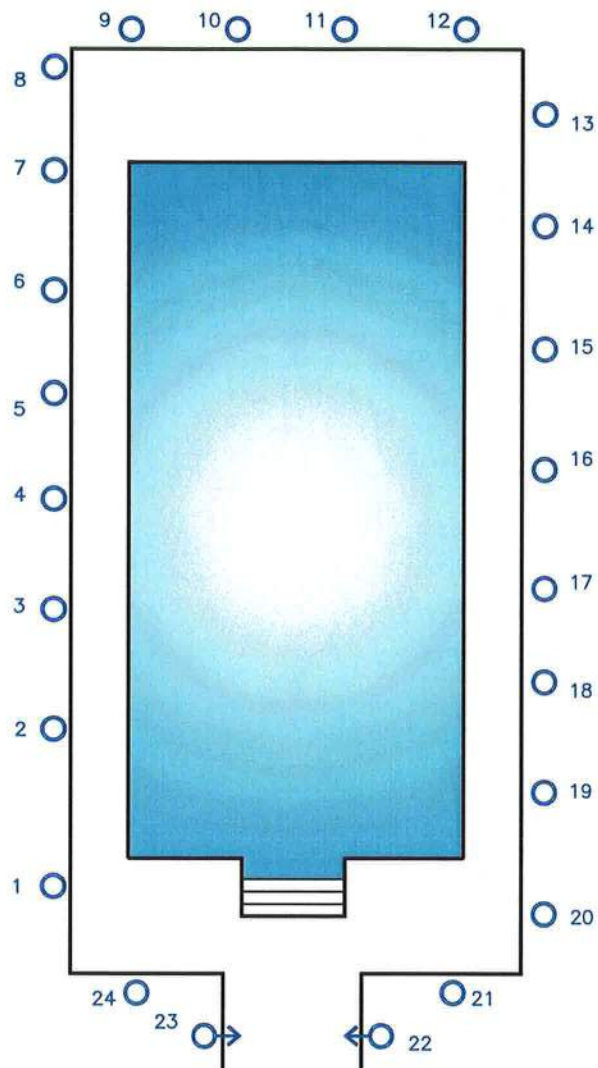
PROJECT NO.: 3016816D

DRAWING NO.: 6816D-1

DATE: 06/19/08

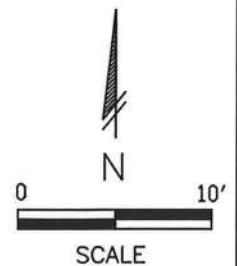
FIGURE

1



INDICATES VERTICAL GROUT POINT

INDICATES INCLINED GROUT POINT



STATE FARM FLORIDA  
INSURANCE COMPANY  
JACKSONVILLE,  
FLORIDA



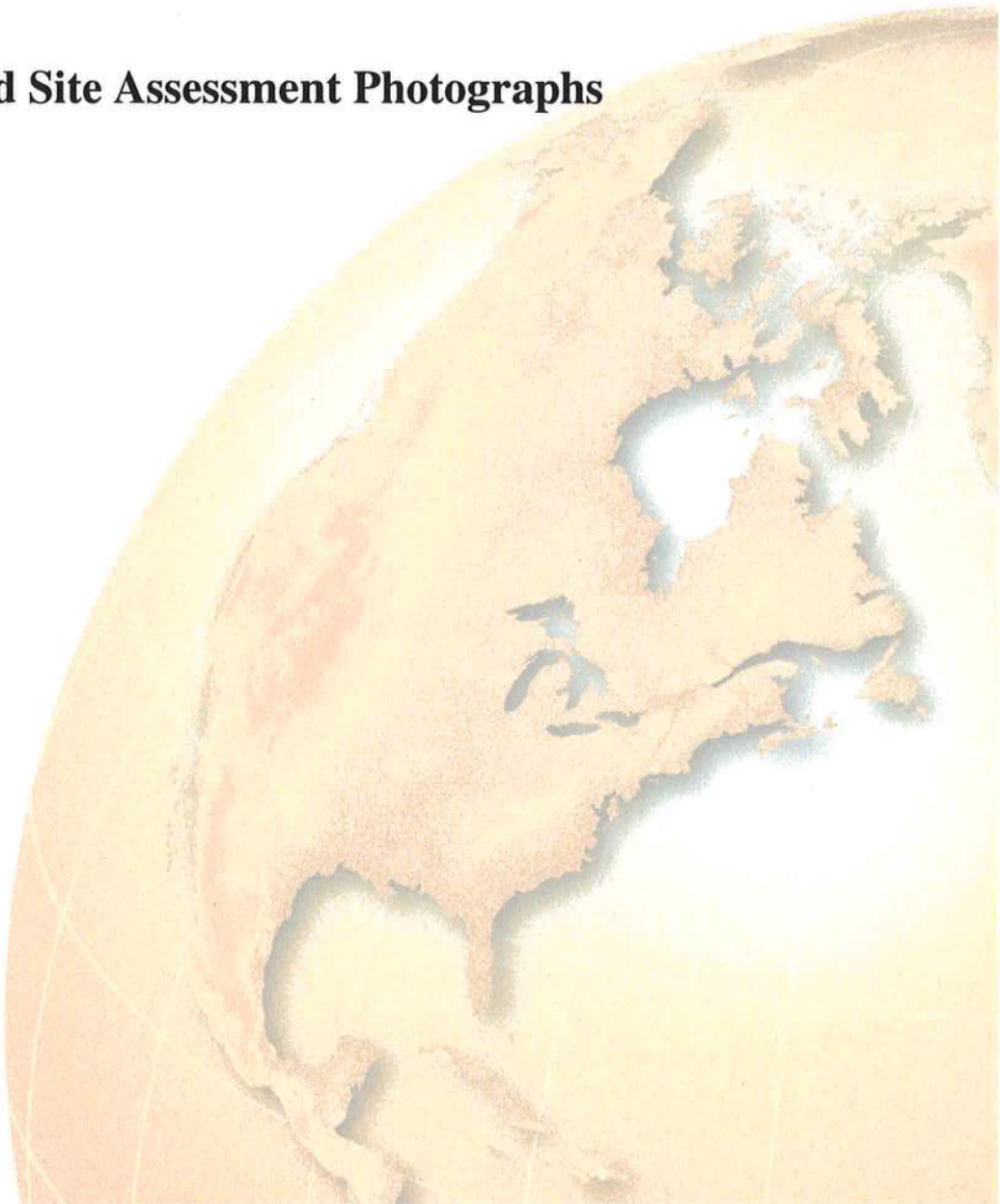
SITE PLAN SHOWING APPROXIMATE LOCATION  
OF GROUT INJECTION POINTS

MILLER RESIDENCE  
FORT WHITE, FLORIDA

DESIGNED BY:	THF	PROJECT NO.:	3016816D	FIGURE
CHECKED BY:	THF	DRAWING NO.:	6816D-2	2
CREATED BY:	OVS	DATE:	06/19/08	



## **Selected Site Assessment Photographs**











RECEIVED MAR 4 2008

**SDII Global Corporation**

4509 George Road  
Tampa, Florida 33634  
**813.496.9634**  
Fax 813.496.9664

October 25, 2007

Ms. Shirley Sebastian  
State Farm Florida Insurance Company  
8001 Bay Meadows Way  
Jacksonville, Florida 32256

**Subject: Remedial Recommendation for Pool  
The Miller Residence – Fort White, Florida  
Claim No. 59-D149474  
SDII Project No. 3016816C**

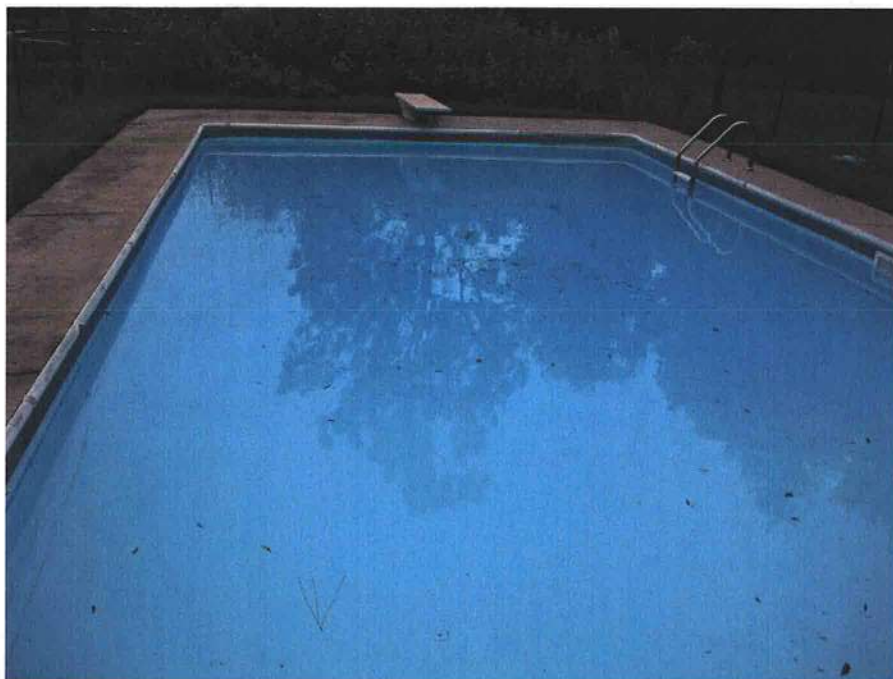
Dear Ms. Sebastian:

At the request of the homeowner, Mr. Miller and with your authorization to proceed, SDII has completed a supplemental site inspection of the subject residence on October 2, 2007. The purpose of the supplement site inspection was to document and assess the newly reported damage to the structure and pool. Specifically, SDII has been requested to develop a remediation plan for the pool, which was collaterally damaged during the remediation of the main residence.

During the supplemental inspection of the residence SDII observed that the west elevation had additional damage consisting of hairline to 1/8-inch wide slab cracking between the framing of the garage door, and hairline to 1/16-inch wide stair step cracking at the window area of the master bedroom. The south elevation had additional damage consisting of hairline to 1/16-inch wide wall cracking under the garage window area at the interface between the wall and foundation. The east elevation had additional damage consisting of hairline to 1/16-inch wide stair step cracking beneath and above the window area of the laundry room, and a hairline to 1/16-inch wide stair step crack located under the window area of the northeast bedroom. Mr. Miller informed SDII that he was also concerned with the uneven surface of the roof.

On the interior of the residence SDII noted that the northeast bedroom has additional damage consisting of hairline to 1/16-inch wide wall and ceiling cracking in the northeast corner of this room. Mr. Miller stated that recently he returned home from work to find a depression under his pool liner, which resulted in a hole in the pool annulus at the shallow end. The homeowner informed SDII that he immediately patched the hole in the vinyl liner and at that time realized that there was a large hole under this area. Illustrations depicting the patched in the pool liner are presented in Photographs 1 through 3 below.

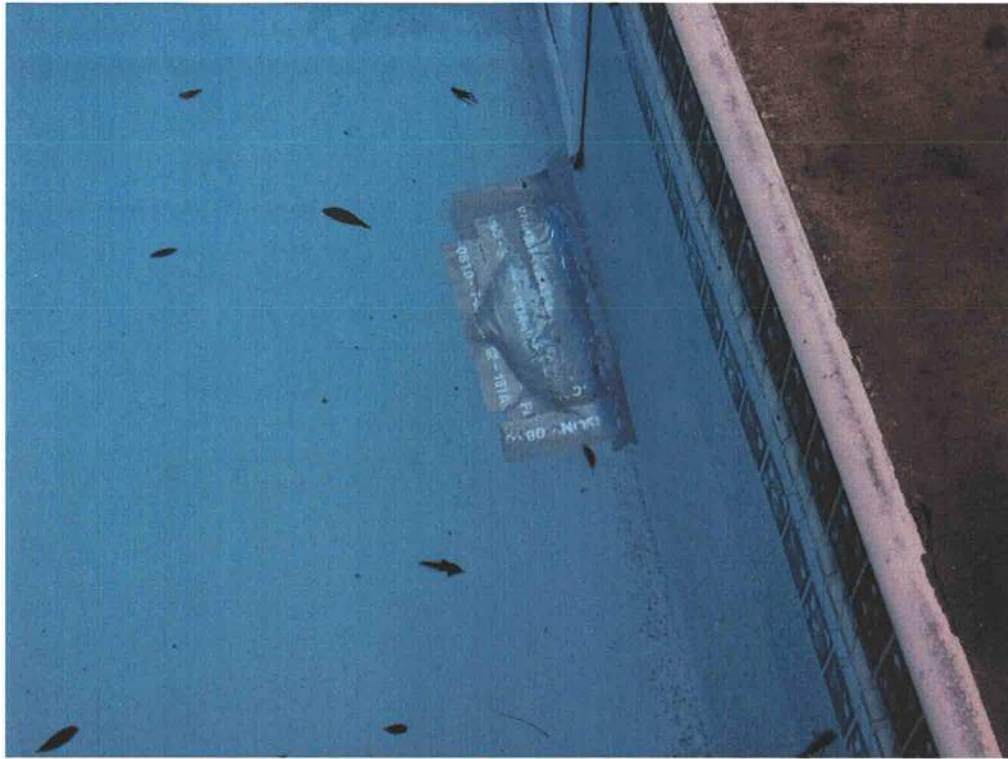




**Photograph 1 – Overview of pool area viewed facing north**



**Photograph 2 – View of temporary repair to pool liner**



**Photograph 3 – Closer view of distress to pool liner**

### ***Evaluation of Structural Damage***

The additional damage observed on the interior and exterior of the residence is a collateral result of the remediation activities that have been completed at the residence. The damage to the residence is considered minor in nature and can be addressed during the cosmetic repair stage of the project. It is the opinion of SDII that the reported undulation in the roof surface was consistent with the age of the structure. SDII did not find direct physical evidence of recent movement of the structure of a sufficient magnitude to cause structural damage to the roof framing.

The damage to the pool appears to have been a collateral result of the remediation activities at the residence. It is the recommendation of SDII that the pool be addressed through a shallow grout injection program. The shallow grout injection should be performed around the perimeter of the pool deck and be designed to densify the sandy soils in the upper ten feet of the soil profile directly beneath the pool shell. Once the shallow grout injection program has been completed, the vinyl pool liner can be removed and repairs to the pool annulus completed.



SDII appreciates the opportunity to have assisted you on this project. If you should have any questions concerning the contents of this report, or if we may be of further assistance, please contact us.

Sincerely,

**SDII Global Corporation**



Thomas H. Fisher, P. E.  
Principal Engineer (Civil/Structural)  
State of Florida Registration 58027

Distribution: Addressee – 2  
File – 1

