D. 07/09/2007

Columbia County Building Permit

This Permit Expires One Year From the Date of Issue

PERMIT 000025999

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 STABALIZATION ESTIMATED COST OF CONSTRUCTION 100000.00

HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES

FOUNDATION WALLS ROOF PITCH FLOOR

LAND USE & ZONING A-3 MAX. HEIGHT

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

NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 12-7S-16-04188-000 SUBDIVISION

LOT BLOCK PHASE UNIT TOTAL ACRES

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
		CBC1250421	James J Bon

Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
EXISTING	X07-264	BK	JH	N

COMMENTS: NOC ON FILE

Check # or Cash 6808

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 $ 500.00 CERTIFICATION FEE $ 0.00 SURCHARGE FEE $ 0.00

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

FLOOD DEVELOPMENT FEE $ FLOOD ZONE FEE $ 25.00 CULVERT FEE $ **TOTAL FEE** 575.00

INSPECTORS OFFICE Darle Canova CLERKS OFFICE CH

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

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

This Permit Must Be Prominently Posted on Premises During Construction

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

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0706-87 Date Received 6/27/07 By LH 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 Phone 352-412-0338 fax: 352-754-4558

Address P.O. Box 10263, Brooksville, FL 34603 3191 SW CR 778 Ft White, FL 32038 796-0229

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

911 Address 3191 SW CR 778 Ft White, FL 32038

Contractors Name Dale M. Canova (LRE Ground 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 SDII Global Corporation

Mortgage Lenders Name & Address

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

Property ID Number 12-7S-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 441/41 South to 778 SW to Home

Type of Construction Ground stabalization / 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.

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

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

Dale M. Canova

Owner Builder or Agent (Including Contractor)

Contractor Signature

Contractors License Number CBC125042

Competency Card Number

STATE OF FLORIDA
COUNTY OF COLUMBIA

NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me

this day of 20.

Personally known or Produced Identification

Notary Signature

RACHEL DEANA VITALE
Notary Public - State of Florida
My Commission Expires Jan 26, 2009
Commission # DD 390199
Bonded By National Notary Assn.

- JW called James 7.6.07 -

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

THIS DOCUMENT MUST BE RECORDED AT THE COUNTY CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.

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

Tax Parcel ID Number 12-7S-16-04188-000 HX

1. **Description of property: (legal description of the property and street address or 911 address)**
Comm NE Cor of SE1/4 of SE1/4, Run S 873.62 FT, W 302.12 FT For POB, Run S 450.11 FT TO N R/W CR-778, W ALONG R/W 407.92 N 248.27 FT, E 271.01 FT, N 549.75 FT, E 240.39 FT, S 366.66 FT TO POB. ORB 814-1087, 967-188, 967-196

2. **General description of improvement:** Pressure Grouting and Foundation Underpinning For Ground STABILIZATION
3. **Owner Name & Address** Christopher or Audrey Miller
391 SW CR 778 Fort White, FL 32038 **Interest in Property** Owners
4. **Name & Address of Fee Simple Owner (if other than owner):** N.A.
5. **Contractor Name** Carle M. Canova **Phone Number** 352-796-0229
Address PO Box 10263 Brooksville, 34603
6. **Surety Holders Name** N/A **Phone Number**
Address
Amount of Bond
7. **Lender Name** N/A
Address

Inst:200712014348 Date:6/27/2007 Time:1:35 PM
DC,P.DeWitt Cason ,Columbia County Page 1 of 1

8. **Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:**
Name N/A **Phone Number**
Address
9. **In addition to himself/herself the owner designates** _____ **of** _____ **to receive a copy of the Lienor's Notice as provided in Section 713.13 (1)**
(a) 7. Phone Number of the designee
10. **Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified)**

CLERK CIRCUIT COURT COLUMBIA COUNTY, FLORIDA

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 _____ Deputy Clerk
Date 6/27/07

NOTICE AS PER CHAPTER 713, Florida Statutes:
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

Signature of Owner

Sworn to (or affirmed) and subscribed before day of 27 June, **20** 07

NOTARY STAMP/SEAL

JAMES J. BON
MY COMMISSION # DD 632411
EXPIRES: May 22, 2011
Bonded Thru Notary Public Underwriters

Signature of Notary

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 17th day of May, 2007 by Darle M. Canova who is personally known to me and who did not take oath.

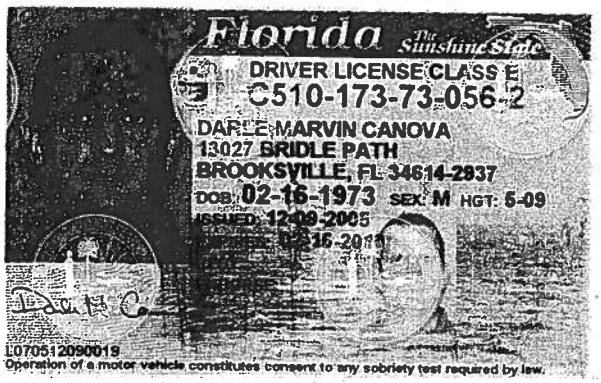
RACHEL DEANA VITALE
Notary Public - State of Florida
My Commission Expires Jan 26, 2009
Commission # DD 390199
Bonded By National Notary Assn.

STATE OF FLORIDA AC 2574[illegible]
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

CBC1250421 05708705 05703407

CERTIFIED BUILDING CONTRACTOR
CANOVA, DARLE MARVIN
R E GROUND SERVICES, INC

IS CERTIFIED under the provisions of Ch. 489, FS.
Expiration date: AUG 31, 2010 D0605800342



AC 2074420 STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD SEC# 0507110085

DATE	BATCH NUMBER	LICENSE NBR
07/11/2005	05001953	CB1062

The BUSINESS ORGANIZATION
Named below IS QUALIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2007
THIS IS NOT A LICENSE TO PERFORM WORK. THIS ALLOWS
COMPANY TO DO BUSINESS ONLY IF IT HAS A QUALIFIER

R E GROUND SERVICES INC
21196 POWELL RD
BROOKSVILLE FL 34601

JEB BUSH
GOVERNOR

DISPLAY AS REQUIRED BY LAW

DIANE CARR
SECRETARY

ACORD CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 06/04/2007

PRODUCER (352)787-2431 FAX (352)787-9922
Brown & Brown of Florida, Inc.
900 N 14th Street
P.O. Box 491636
Leesburg, FL 34749-1636

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

INSURED L.R.E. Ground Services Inc.
P.O. Box 10263
21196 Powell Rd.
Brooksville, FL 34603

INSURERS AFFORDING COVERAGE	NAIC #
INSURER A: Admiral Insurance	
INSURER B: State Auto Insurance Company	
INSURER C: James River	
INSURER D:	
INSURER E:	

COVERAGES

THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L INSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS	
A		GENERAL LIABILITY [X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS MADE [X] OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [ ] PRO-JECT [ ] LOC	CA000010735-01	03/01/2007	03/01/2008	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 100,000 $ excluded $ 1,000,000 $ 2,000,000 $ 2,000,000
B		AUTOMOBILE LIABILITY [X] ANY AUTO [ ] ALL OWNED AUTOS [ ] SCHEDULED AUTOS [ ] HIRED AUTOS [ ] NON-OWNED AUTOS	BAP2120866	03/01/2007	03/01/2008	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
		GARAGE LIABILITY [ ] ANY AUTO				AUTO ONLY - EA ACCIDENT OTHER THAN AUTO ONLY: EA ACC AGG	$ $ $
C		EXCESS/UMBRELLA LIABILITY [X] OCCUR [ ] CLAIMS MADE [ ] DEDUCTIBLE [ ] RETENTION $	00004439-3	03/01/2007	03/01/2008	EACH OCCURRENCE AGGREGATE	$ 1,000,000 $ 1,000,000
		WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? If yes, describe under SPECIAL PROVISIONS below				WC STATU-TORY LIMITS [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ $ $
		OTHER					

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES / EXCLUSIONS ADDED BY ENDORSEMENT / SPECIAL PROVISIONS

CERTIFICATE HOLDER

Columbia County Building Dept.
135 N. E. Hernando Ave.
Lake City, FL 32055

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 10 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE
Travis Childers/SANDY

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

ISSUE 6/5/2007

PRODUCER
Aon Risk Services, Inc; of New York
199 Water Street
New York, NY 10038

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW

COMPANIES AFFORDING COVERAGE

COMPANY LETTER	A American Home Assurance Company
COMPANY LETTER	B
COMPANY LETTER	C
COMPANY LETTER	D
COMPANY LETTER	E

INSURED
TalTech Resources, LLC dba AdvanTech Solutions VII

4890 W. Kennedy Blvd; Suite 500

Tampa, FL 33609

COVERAGES

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	ALL LIMITS	
	GENERAL LIABILITY ☐ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS MADE ☐ OCCUR ☐ OWNERS & CONTRACTOR'S PROT.				GENERAL AGGREGATE	
					PRODUCTS-COMP/OPS AGGREGATE	
					PERSONAL & ADVERTISING INJURY	
					EACH OCCURRENCE	
					FIRE DAMAGE (Any one fire)	
					MEDICAL EXPENSE (Any one person)	
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ☐ NON-OWNED AUTOS ☐ _____ ☐				COMBINED SINGLE LIMIT	$
					BODILY INJURY (Per person)	$
					BODILY INJURY (Per accident)	$
					PROPERTY DAMAGE	$
	GARAGE LIABILITY ☐ Any Auto ☐ _____ ☐				AUTO ONLY - EA ACCIDENT	$
					OTHER THAN AUTO ONLY:	
					EACH ACCIDENT	
					AGGREGATE	
	EXCESS LIABILITY ☐ Umbrella Form ☐ OTHER THAN UMBRELLA FORM				EACH OCCURRENCE	$
					AGGREGATE	$
						$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY The Proprietor/ Partners/ Executive Officers Are: ☐ Incl. ☐ Excl.	WC1101452	04/01/2007	04/01/2008	X WC STATUTORY LIMITS	
					EL EACH ACCIDENT	$1,000,000
					EL DISEASE - POLICY LIMIT	$1,000,000
					EL DISEASE - EA EMPLOYEE	$1,000,000
	OTHER					

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS
For the benefit of employees leased to **L.R.E. Ground Services, Inc** from the captioned named insured.

CERTIFICATE HOLDER

Columbia County Building Dept.
135 N.E. Hernando Ave.
Lake City, FL 32055

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Aon Risk Services Inc., of New York

SUBSIDENCE INVESTIGATION
Claim Number: 59-D149474

MILLER RESIDENCE
3191 SOUTHWEST COUNTY ROAD 778
FORT WHITE, FLORIDA

Prepared For:

STATE FARM FLORIDA INSURANCE COMPANY
JACKSONVILLE, FLORIDA

Prepared By:
SDII GLOBAL CORPORATION
SDII Project Number: 3016816

APRIL 2007

SDII Global Corporation
www.sdii-global.com

Tampa
4509 George Road
Tampa, FL 33634
tel **813-496-9634**
fax 813-496-9664

Gainesville
100 SW 75th Street
Suite #206
Gainesville, FL 32607
tel **352-331-6771**
fax 352-331-3299

Fort Lauderdale
7800 W. Oakland Park Blvd.
Suite #B303
Sunrise, FL 33351
tel **954-653-0415**
fax 954-653-0416

April 11, 2007

Ms. Shirley Sebastian
State Farm Florida Insurance Company 1-800-879-2435
8001 Bay Meadows Way 904-828-1690
Jacksonville, FL 32256

Subject: Final Report – Subsidence Investigation
Miller Residence - Fort White, Florida
Claim Number 59-D149474
SDII Project No. 3016816

Dear Ms. Sebastian:

SDII Global Corporation (SDII) is pleased to submit this final report of our subsidence evaluation for the above referenced project. When conducting a subsidence investigation, SDII follows the general sinkhole-investigation protocols included in Chapter 627.707 Florida Statutes and described in "Geological and Geotechnical Investigation Procedures for Evaluation of the Causes of Subsidence Damage in Florida" (Florida Geological Survey, Special Publication No. 57, 2005).

Presented herein are the findings and conclusions of our investigation including geologic, geotechnical, and structural evaluations of the cause(s) of damage to the Miller residence. These evaluations are based on an extensive data collection and interpretation effort by our technical staff who have been trained in Florida subsidence investigation techniques and data interpretation, and supervision and review by the senior professionals who have signed and sealed the report. As the person responsible for training and assuring the quality of our investigations, I monitor all investigations and reports.

SDII appreciates the opportunity to have assisted State Farm Florida Insurance Company on this project. The senior professionals who developed the opinions herein and signed the report and I are always available to help. If you have any questions or comments concerning this report, please contact us.

Sincerely,

SDII GLOBAL CORPORATION

Sam B. Upchurch, Ph.D., P.G.
Vice President and Principal Geologist

3.0 STRUCTURAL EVALUATION

3.1 Scope of Structural Evaluation and Overview of Site Conditions

The purpose of the visual, structural assessment of the Miller residence was to help determine the probable causes that have contributed to the damage of the residence. In addition, the structural assessment provides critical information in determining the appropriate remedial actions for structures that may have been damaged by sinkhole activity. The homeowners, Mr. and Mrs. Miller, were present during the field portion of the assessment.

According to information provided by the Alachua County Property Appraiser's website, the single-story structure was built in 1968. There were no reported or observed additions. The structure faces generally south and is constructed of masonry-block, exterior, load-bearing walls. The floor of the residence consists of a soil-supported, concrete slab-on-grade. The main roof structure was gable in design and was covered with asphalt shingles.

A test pit (TP) excavation was performed along the perimeter of the main structure to directly observe the foundation construction and geometry. For the approximate location of the test pit excavation see Figure 4.

The results of TP-1 indicate that the foundation of the structure consists of a masonry block stem wall on a continuous strip footing. The footing measured approximately 6 inches thick by an estimated 14 inches wide and the bottom of the footing was 12 inches bls. The stem wall was 14 inches in height and was offset 3 inches on the footing. The floor of the structure was a concrete slab-on-grade. The top of the slab was 8 inches above the existing ground surface.

3.2 Summary of Structural Damage

The following paragraphs summarize the damage noted during the investigation. Approximate locations and photographs representative of the damage are illustrated in Figure 2.

Interior Damage

Physical examination of the interior revealed that in the master bedroom located along the south elevation of the structure had hairline to 1/8-inch wide ceiling and wall cracks. The window located along the south elevation of the master bedroom was out of plumb. The living room located along the south elevation of the structure had hairline to 1/8-inch wide wall cracks near the window frame. The laundry room located at the northeast corner of the structure had hairline to 1/8-inch wide wall cracks. The garage located at the southeast corner of the structure had hairline to 1/8-inch wide slab cracks.

Exterior Damage

Physical examination of the exterior revealed that on the south elevation of the structure there were multiple hairline to ¼-inch wide vertical, horizontal and stair step pattern wall cracks. The east elevation of the structure had hairline to 1/16-inch wide horizontal, vertical and stair step pattern wall cracks. The north elevation of the structure had hairline to 1/8-inch wide horizontal,

vertical and stair step pattern wall cracks. The west elevation of the structure had hairline to 1/8-inch wide horizontal, vertical and stair step pattern wall cracks.

3.3 Relative Floor Elevation Contour Map

The data for a relative floor elevation contour map were collected on March 1, 2007. The methods used to evaluate the floor configuration are described in Appendix A.

The floor elevation map indicated that there was a total elevation difference of approximately 1.4 inches across the floor slab of the main living area of the residence. There was a mild slope of approximately 1.2 inches over a span of 15 feet recorded descending toward the southwest portion of the structure. It is important to note that this slope corresponds to the substantial cracking at the western portion of the residence. This correlation indicates that differential settlement has occurred at this portion of the structure.

The floor slab of the garage was constructed 1.7 inches below the finished floor elevation (FFE) of the living area. The floor elevations in the garage have been adjusted to reflect this difference. The floor slab of the garage exhibited a slope of approximately 2.0 inches over a span of 20 feet descending toward the garage door opening. It is important to note that the floor slab of the garage would have been constructed in this manner to allow proper drainage.

Figure 5 depicts the contour map showing the relative elevations of the floors. Where carpeting, wood, tile, or other floor coverings exist, corrections have been made to obtain the top of slab elevations.

3.4 Evaluation of Structural Damage

The observed damage on the exterior and interior of the residence is consistent with either the direct result or the collateral effect of differential movement of the foundation. The direct result of differential movement of the foundation occurs when a portion of the structure is damaged directly due to a loss of support of underlying soils. The collateral effect occurs when stresses resulting from uneven foundation settlement are redistributed through the structure. Differential movement results in the cracking of concrete, masonry and drywall, and in some cases results in the sloping of the floor slab. See Section 2.0 "Geologic and Geotechnical Evaluation" for further discussion of deleterious soil conditions encountered at the site that may have initiated the differential movement of the foundation.

3.5 Summary of Structural Evaluation

It is the opinion of SDII that the damage to the structure is the direct and/or collateral result of differential movement of foundation.

3.6 Remedial Recommendations

The geologic and geotechnical investigations concluded that sinkhole activity is occurring at the site. It is our recommendation that the subsurface soils be stabilized to minimize further subsidence damage. Stabilization should be accomplished through grout injection to compact and

densify the sandy soils beneath the residence. Grout injection is also intended to seal the top of the limestone surface to minimize future raveling.

The grout stabilization should incorporate 21 injection points spaced approximately 10 feet on center around the perimeter of the structure. The grout points should be vertical and inclined as shown on Figure 6.

The average depth of grouting, based on the field boring logs is likely to be from approximately 50 feet. Typical compaction grout mix with a slump between 4 and 6 inches should be used, pumped at slow enough rates such that the grout will densify and not merely hydro-fracture the soil. The elevation of the structure should be monitored continuously during the grouting process to minimize unnecessary upward movement.

The total quantity of grout required can vary based on site conditions, but is likely to be between 170 and 210 cubic yards (cy). The estimated quantity for repair is based on the higher volume of grout.

Following the grout injection it is our recommendation that the foundation of the residence be stabilized through the installation of underpinning piles around the perimeter of the structure. The intent of the underpinning is to resupport the foundation/slab on piles bearing on competent material at depth. The installation of the underpinning piles will lift and support the structure and span the loose soils that exist at the site. The underpinning pile assembly, including mounting bracket, is to have a minimum load capacity of 30 kips. The contractor is to submit the proposed pin pile system to SDII for approval.

It is important to note that the optimum level to which the structure can be lifted as a result of the underpinning process is a function of the structural configuration as well as the amount of long-term and irreversible stresses that have accumulated. It may not be practical to attempt to completely relevel the structure, as excessive collateral damage may result. It is our recommendation that the structure be carefully monitored during the lifting process. It should be noted that the contractor is responsible for the means and methods of construction.

The underpinning piles should be installed around the perimeter of the house. These piles should be driven, hydraulically advanced or drilled to bear on competent material at depth. Alternate pile installation methods must be submitted to SDII for approval. The depth of underpinning is estimated to be approximately 50 feet. Pile spacing should be approximately 6 feet on center. Approximate pile locations are shown on Figure 7. These locations will require adjustment by the Contractor based on site conditions.

A list of estimated quantities for repair is provided below. It does not include estimates for engineering supervision during remediation, nor does it include estimates for cosmetic repairs, which should be estimated by a qualified insurance adjustor or contractor. Cosmetic repairs should be postponed for 30 days after the installation of the steel pin piles to allow any final ground movement to occur.

A. Install grout pipes: 21 @ 50 feet (avg)

B. Grouting: 210 cy

C. Install pin piles: 35 piles

D. Site Restoration

Continuous monitoring by SDII personnel during remediation is suggested to verify compliance with these recommendations and to make necessary adjustments to the remediation program due to unforeseen site conditions.

4.0 CONCLUSIONS

It is SDII's professional opinion that sinkhole activity as defined by §627.706 Florida Statutes exists at the Miller residence within reasonable probability. The pattern of N values remaining low through the upper sandy overburden in boring B-1, and declining N values accompanied by several feet weight-of-hammer strength material and a loss of drilling fluid circulation above the limestone in boring B-2, indicate sinkhole activity at the site. Furthermore, based on the data presented herein, it is SDII's professional opinion within reasonable probability that a sinkhole loss, as described by §627.706, has occurred at the Miller residence.

The damage to the structure is the direct and/or collateral result of differential movement of foundation.

SDII recommends that the sinkhole conditions be remediated using grout injection to increase the density of the soils and cap the limestone. It is also recommended that the foundation be re-supported through the installation of underpinning piles to lift and support the structure and span the loose soils that exist at the site. SDII also recommends that the remediation program be monitored in order to verify that it is completed in accordance with our recommendations.

5.0 LIMITATIONS

5.1 Ground Penetrating Radar

According to ASTM D6429, GPR is the preferred method for investigating "voids and sinkholes". This is because the method provides high-resolution data with a minimum of interferences. GPR has been used in similar investigations to help identify shallow subsurface conditions that are frequently associated with karst features. In many cases, a GPR investigation has resulted in the identification and mapping of the boundaries of karst features and has helped characterize their size and geometry. However, this method is limited to the ability of the GPR unit to collect interpretable data at the project site. There is a possibility that karst features may exist at the project site and not be detected by the GPR technique due to small size, subsurface soil conditions, or the occurrence of such karst features below the depth of penetration of the GPR signal. Note that many GPR anomalies are not sinkhole or karst features. The presence of an anomaly should not be construed to reflect sinkhole activity simply because of its existence.

5.2 Electrical Resistivity

Electrical resistivity (ER) is a geophysical exploration tool that is used to detect lateral and vertical variability in the shallow subsurface. The method involves setting up an array of metal electrodes that are inserted into the ground at regular intervals. As electrical current is passed between two electrodes a potential difference (a measure of how readily the current flows through the ground) is measured between two other electrodes. This potential difference depends on how good the soil is as an electrical conductor (the inverse of conductivity is resistivity). The potential difference is related to an apparent resistivity value based on the geometry of the current and potential electrodes during a particular measurement. There are three different electrode configurations that are commonly used in ER investigations. These configurations, Wenner, Schlumberger, and dipole-dipole, provide different data configurations and assist in interpretation of subsurface conditions.

In order to generate a two-dimensional view of apparent resistivity, measurements are obtained at a variety of electrode spacings and positions along traverses. The maximum depth of penetration is generally related to the maximum electrode separation achieved in a given survey. The two-dimensional sections developed by ER utilizing multiple electrode arrays are called 2-D electrical resistivity (2DER) sections.

ER is considered a secondary method for detection of "voids and sinkholes" (ASTM D 6429). Unlike GPR, ER has the capability of penetrating clay- and organic-rich soils, so ER presents some advantages over GPR. Use of ER, therefore, depends on site-specific needs and geologic conditions.

As required by ASTM Method D 6429, following an ER survey, the apparent resistivity data are processed utilizing a method called inversion to obtain a picture of the resistivity distribution in the subsurface. Resistivity depends on the types of geologic materials present, saturation levels, and the presence of man-made materials (i.e. house foundation, buried debris, etc.). Some degree of pre-processing of the apparent resistivity data is also usually done, to filter out noise in the

data resulting from difficulties encountered in the field (i.e. poor connection between the ground and electrodes). The quality of an inversion is evaluated based upon an RMS (root mean squared) error; generally an RMS error of less than 5 % indicates a good result. In practice, RMS errors are often much larger, due in large part to less than ideal field conditions.

ER methods can be used to detect unusual soil conditions (anomalies) in the shallow subsurface. These anomalies *may* reflect sinkhole conditions, underground utilities and structures, changes in soil composition, water content, or orientation, and many other conditions. As needed, SDII investigates these anomalies directly by standard penetration testing, cone penetrometer, or we place a boring between the anomaly and structure in order to determine if conditions represented by the anomaly extend to the structure.

ER methods are described in ASTM (American Society for Testing and Materials) Methods D 57 and 6431.

5.3 Standard Penetration Test and Hand Auger Borings

The determination of soil type and conditions was only done from the ground surface to the maximum depth of the borings. Any changes in subsurface conditions that occur between or below the borings would not have been detected or reflected in this report.

The maximum depth of hand auger borings is 10 feet bls unless otherwise noted.

Soil classifications are based upon identifiable textural changes, color changes, changes in composition, or changes in resistance to penetration at the intervals from which such samples were collected. Abrupt changes in soil type, as reflected in boring logs and/or cross sections, may actually represent gradual transitions.

Depth to the water table is based upon observations made while advancing hand augers and SPT borings. This depth is an estimate and does not reflect the annual or extreme variations that occur in this area due to fluctuations in rainfall, pumpage, and rates of evapotranspiration. Low permeability soils or sediments may not allow water to freely enter the borehole and, therefore, the water table may not be evident or it may only represent a transient condition. The depths are estimated from the immediate land surface, which is not surveyed or tied to a known reference elevation.

5.4 Site Figures

The measurements used for the preparation of the figures in this report were made with a fiberglass measuring tape or measuring wheel. Such measurements are usually accurate to within ±5 percent. Right angles were estimated from existing exterior walls at the house; such angles are usually accurate to within 5 degrees. Figures in this report were not prepared by a licensed land surveyor and should not be interpreted as such.

5.5 Conditions Described in this Report

Subsurface conditions and the construction and damage to the structure(s) investigated by SDII are subject to change. The conditions described in this report are, to the best of our knowledge, current at the time of the investigation, and they may not reflect historical or post-investigation conditions.

5.6 Use of This Report

This report was prepared for the exclusive use of State Farm Florida Insurance Company and its assigns. Use by persons or groups without the permission of State Farm Florida Insurance Company is not authorized.

6.0 ENDORSEMENTS

6.1 Compliance with Florida Statute Title XXXVII Chapter 627.7073

This report followed the Statutory requirements that it be prepared by an individual qualified to determine the existence of sinkhole activity and that the tests performed be of sufficient scope to eliminate sinkhole activity as the cause of damage. SDII certifies that this investigation was of sufficient scope to determine the cause(s) of damage within a reasonable probability as specified in §627.7073 Florida Statutes.

In accordance with Florida Statutes, the following individuals, who are licensed to practice in the State of Florida and are Principals of SDII, have supervised this investigation and report.

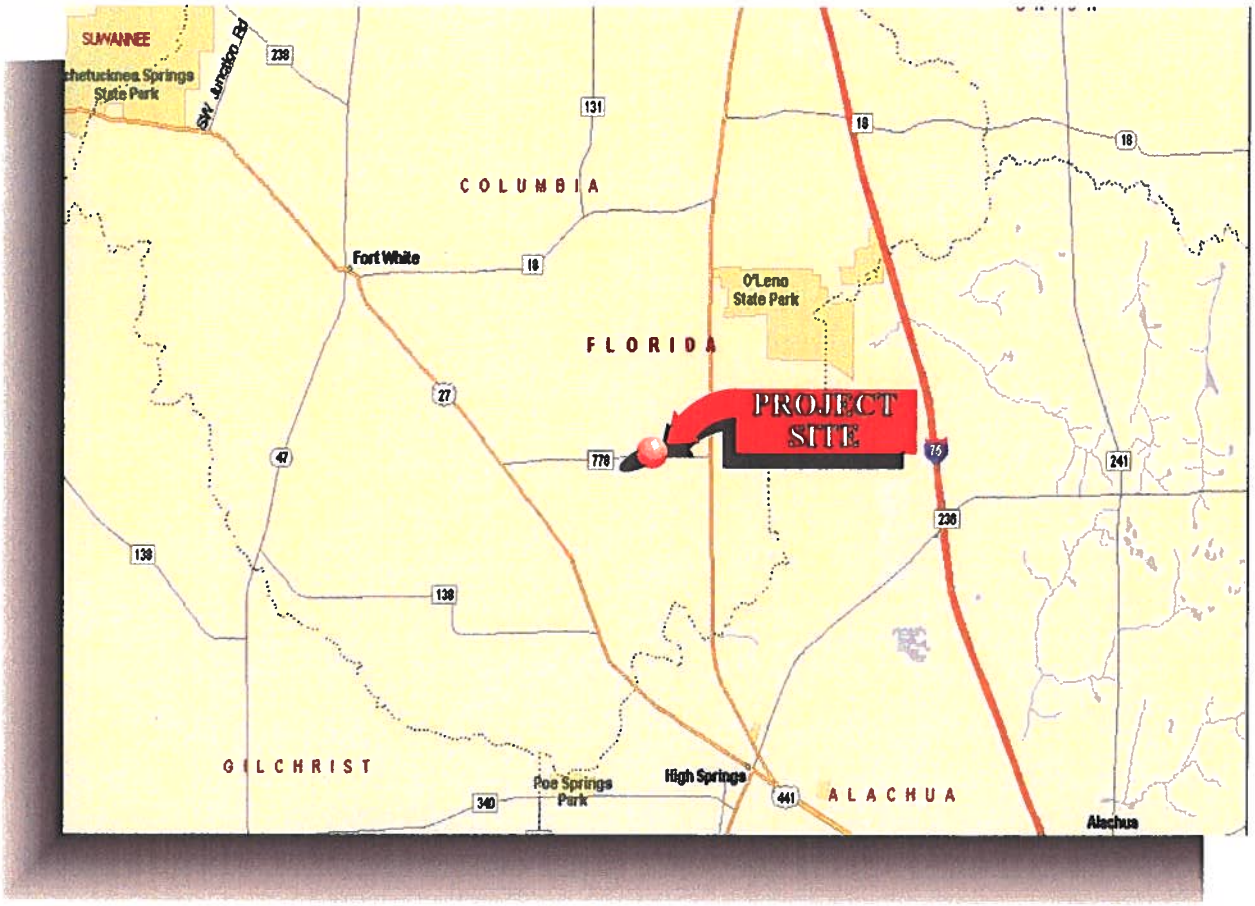
SDII GLOBAL CORPORATION

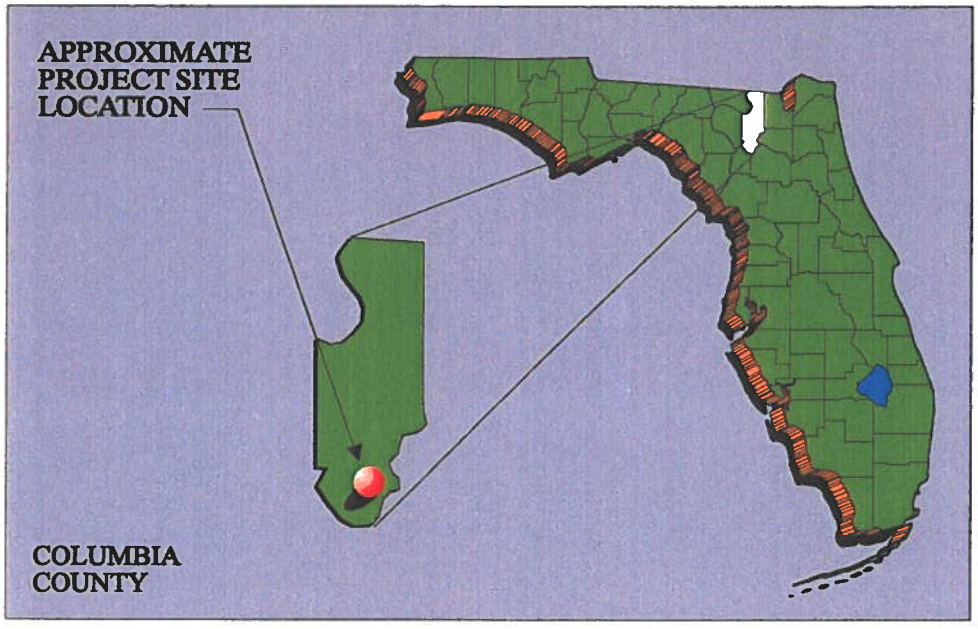
4-12-07

Monica L. Fowler, P.G.
Senior Geologist
Florida Registration Number 1388

4/12/07

Thomas H. Fisher, P.E.
Professional Engineer (Structural)
Florida Registration No. 58027





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NOT TO SCALE

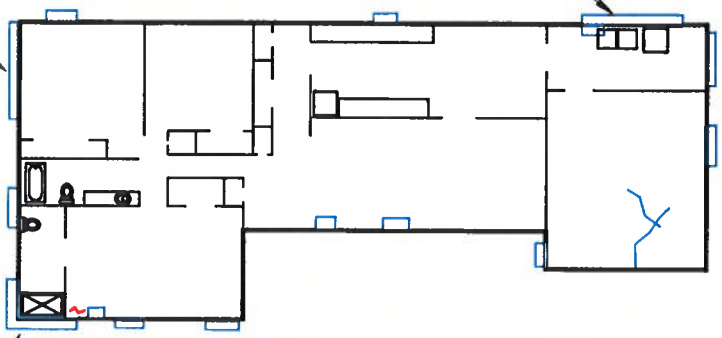
STATE FARM FLORIDA INSURANCE COMPANY
JACKSONVILLE, FLORIDA

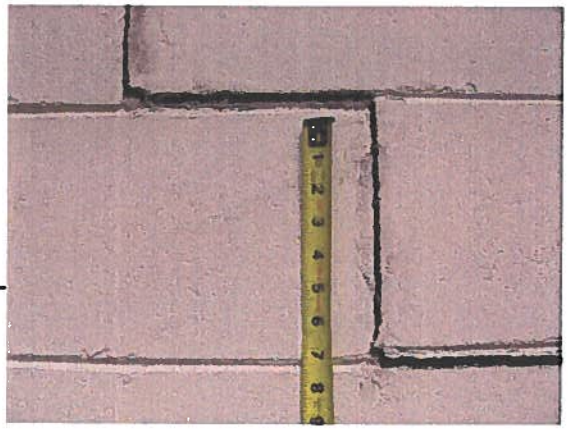
SDII GLOBAL

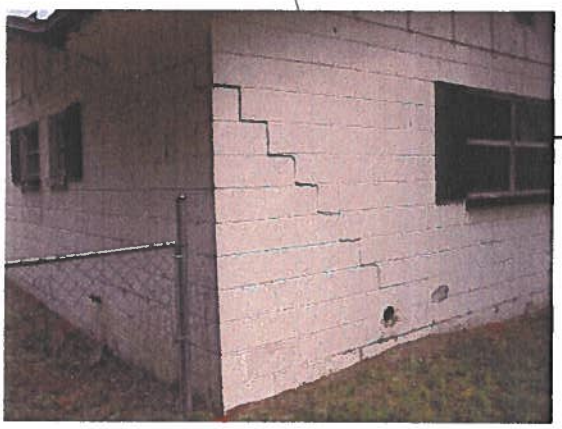
PROJECT SITE LOCATION MAP

MILLER RESIDENCE
FORT WHITE, FLORIDA

DESIGNED BY: MDZ	PROJECT NO.: 3016816	FIGURE
CHECKED BY: SU	DRAWING NO.: 6816-1	1
DRAWN BY: JMW	DATE: 03/20/07	







APPROXIMATE LOCATION OF CRACKING/SEPARATION ON WALLS

APPROXIMATE LOCATION OF CRACKING/SEPARATION IN CONCRETE SLAB

APPROXIMATE LOCATION OF CRACKING IN CEILING

N

0 20'

SCALE

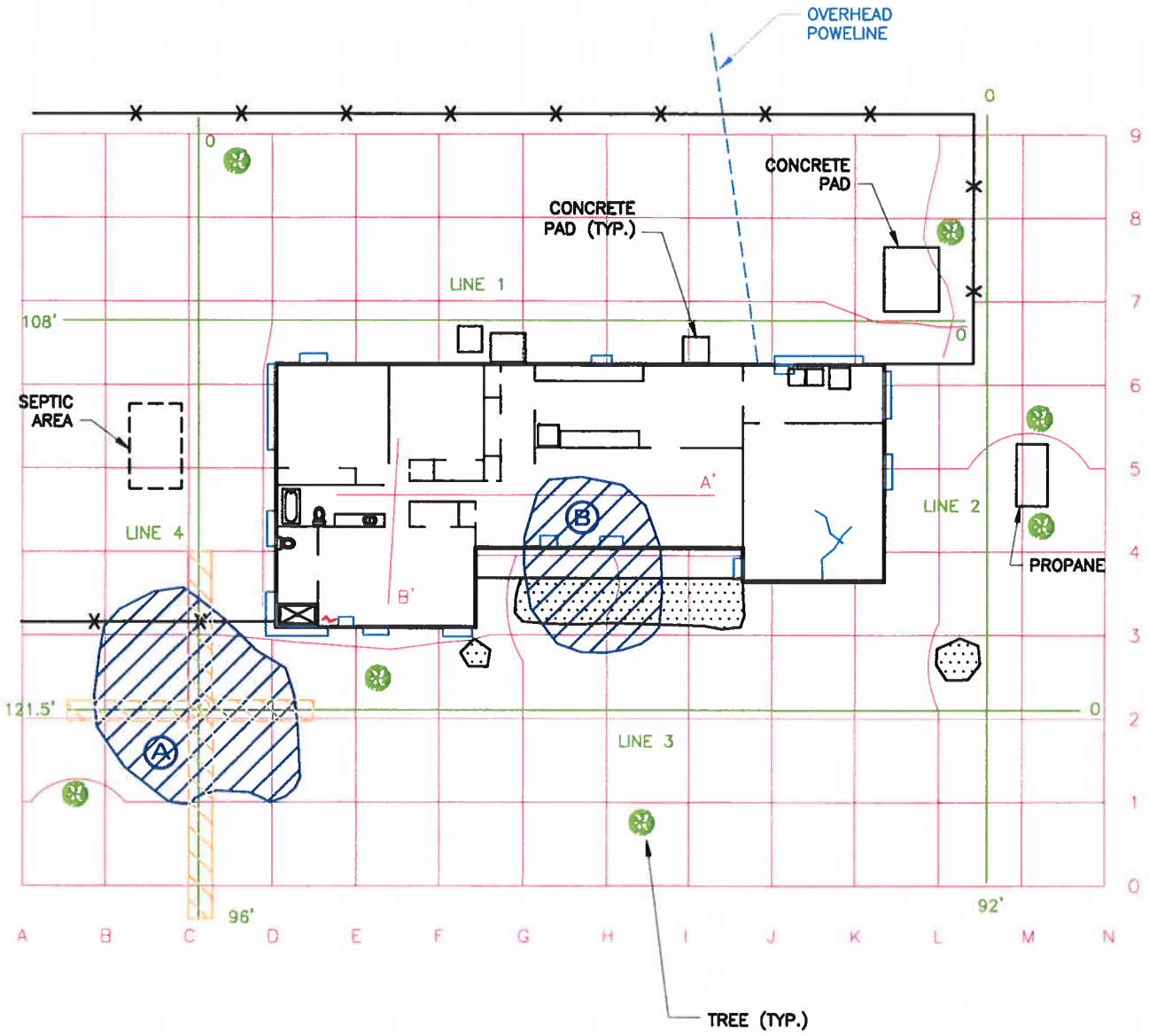
STATE FARM FLORIDA INSURANCE COMPANY JACKSONVILLE, FLORIDA

SDII GLOBAL

SITE PLAN SHOWING APPROXIMATE LOCATION AND EXAMPLES OF OBSERVED DAMAGE

MILLER RESIDENCE
FORT WHITE, FLORIDA

DESIGNED BY:	MDZ	PROJECT NO.:	3016816	FIGURE
CHECKED BY:	SU	DRAWING NO.:	6816-2	2
CREATED BY:	JMW	DATE:	03/20/07	



APPROXIMATE LOCATION OF GPR TRANSECT LINE
APPROXIMATE LOCATION OF SUBSURFACE ANOMALY WITH DESIGNATION
APPROXIMATE LOCATION OF AREA PARTIALLY OR TOTALLY INACCESSIBLE TO GPR SURVEY
APPROXIMATE LOCATION OF CRACKING/SEPARATION ON WALLS
APPROXIMATE LOCATION OF CRACKING/SEPARATION IN CONCRETE SLAB
APPROXIMATE LOCATION OF CRACKING IN CEILING
APPROXIMATE LOCATION OF ER ANOMALY
APPROXIMATE LOCATION OF ER LINE

N

0 20'

SCALE

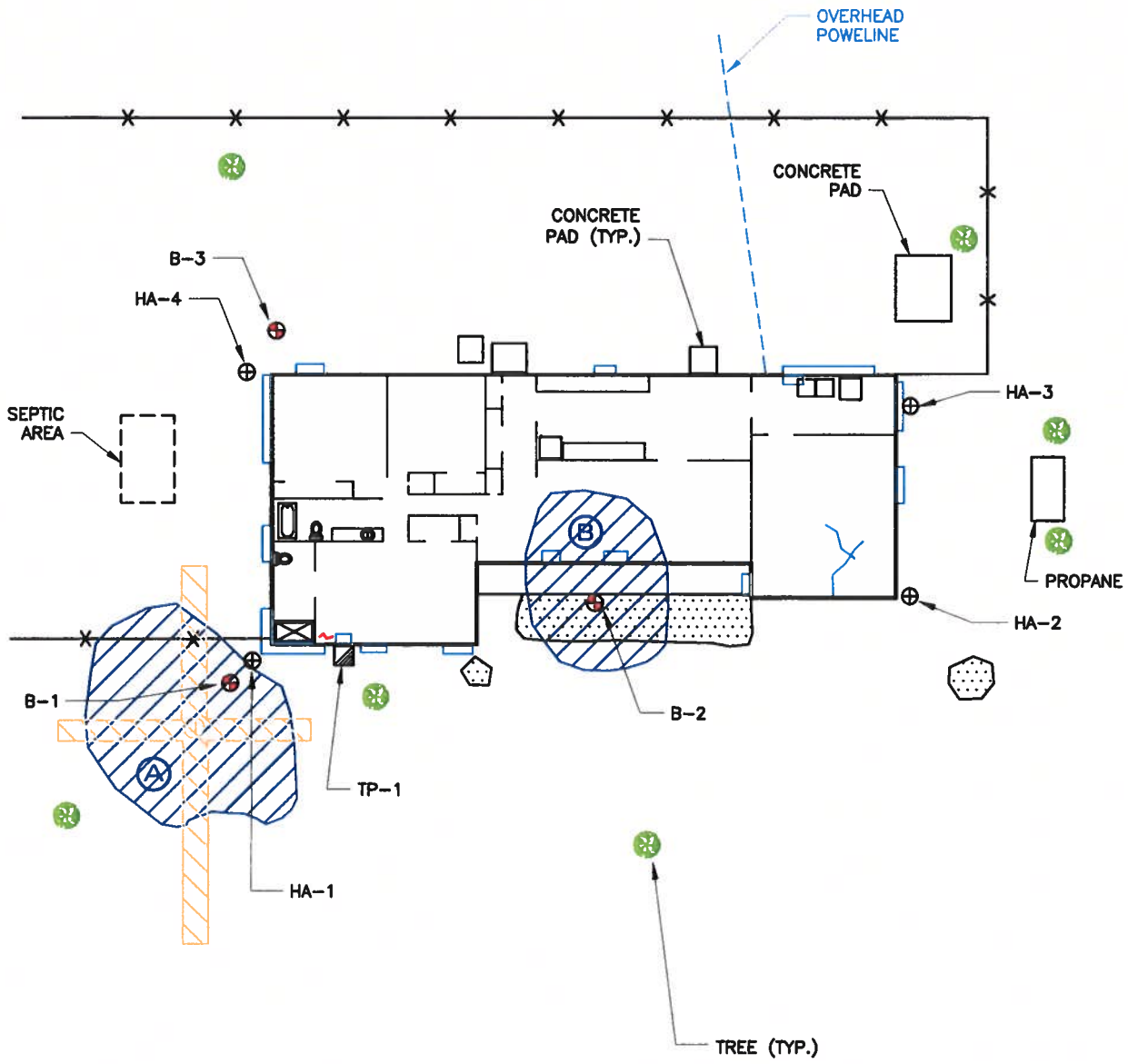
STATE FARM FLORIDA INSURANCE COMPANY JACKSONVILLE, FLORIDA

SDII GLOBAL

SITE PLAN SHOWING APPROXIMATE LOCATION OF GPR SURVEY AND RESULTS

MILLER RESIDENCE
FORT WHITE, FLORIDA

DESIGNED BY:	MDZ	PROJECT NO.:	3016816	FIGURE 3
CHECKED BY:	SU	DRAWING NO.:	6816-3	
CREATED BY:	JMW	DATE:	03/20/07	



CPT-1	⊙	APPROXIMATE LOCATION OF MINI-CONE PENETROMETER TEST BORING WITH DESIGNATION
TP-1	▨	APPROXIMATE LOCATION OF TEST PIT EXCAVATION WITH DESIGNATION
HA-1	⊕	APPROXIMATE LOCATION OF HAND AUGER BORING WITH DESIGNATION
B-1	⊕	APPROXIMATE LOCATION OF SPT BORING WITH DESIGNATION
(A)		APPROXIMATE LOCATION OF SUBSURFACE ANOMALY WITH DESIGNATION
		APPROXIMATE LOCATION OF AREA PARTIALLY OR TOTALLY INACCESSIBLE TO GPR SURVEY
		APPROXIMATE LOCATION OF CRACKING/SEPARATION ON WALLS
		APPROXIMATE LOCATION OF CRACKING/SEPARATION IN CONCRETE SLAB
		APPROXIMATE LOCATION OF CRACKING IN CEILING
(A)		APPROXIMATE LOCATION OF ER ANOMALY

N

0 20'

SCALE

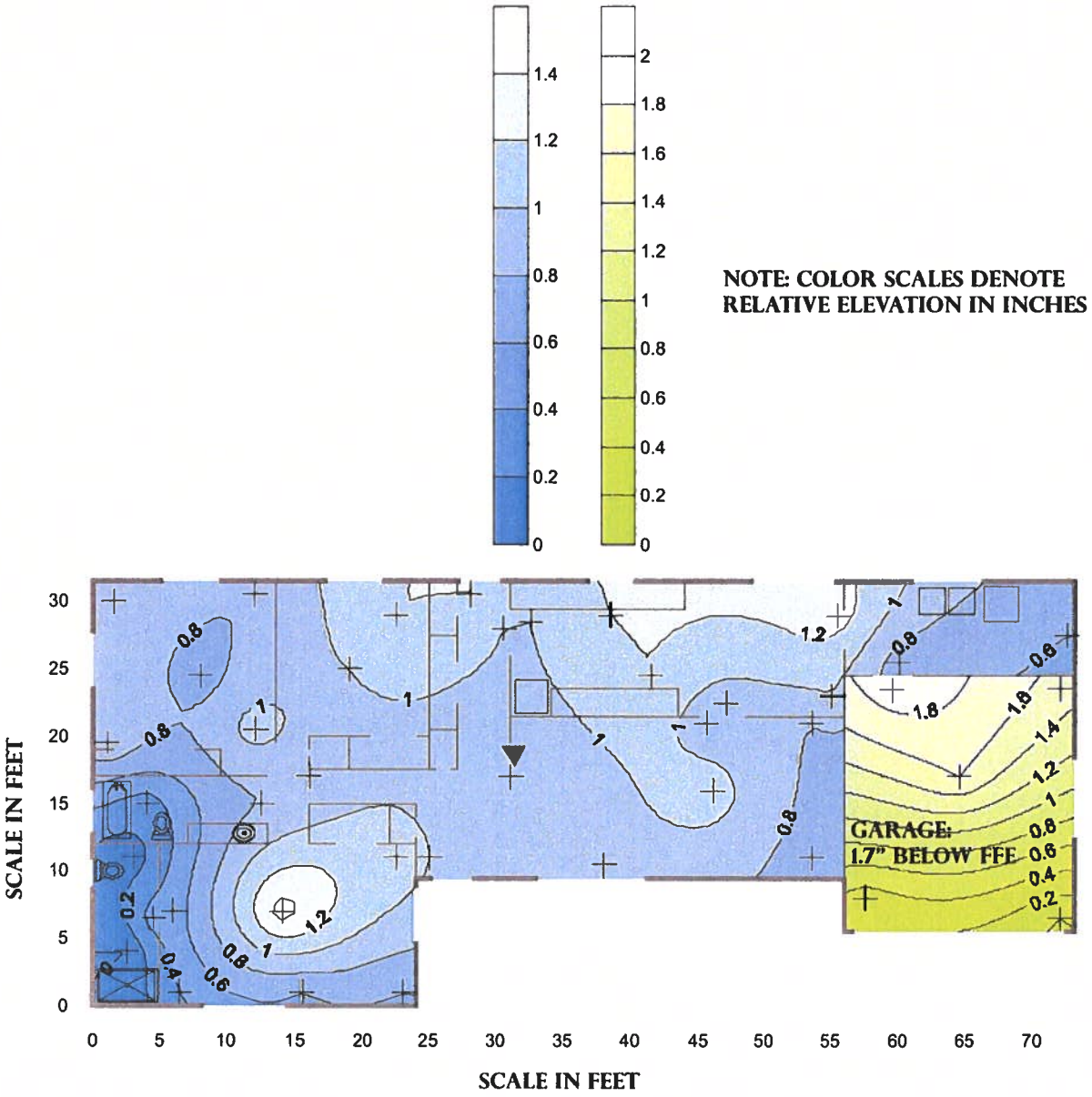
STATE FARM FLORIDA INSURANCE COMPANY JACKSONVILLE, FLORIDA

SDII GLOBAL

SITE PLAN SHOWING APPROXIMATE LOCATION OF FIELD TESTS

MILLER RESIDENCE FORT WHITE, FLORIDA

DESIGNED BY:	MDZ	PROJECT NO.:	3016816	FIGURE
CHECKED BY:	SU	DRAWING NO.:	6816-4	4
CREATED BY:	JMW	DATE:	03/20/07	



+ INDICATES POINT OF MANOMETER DATA COLLECTION

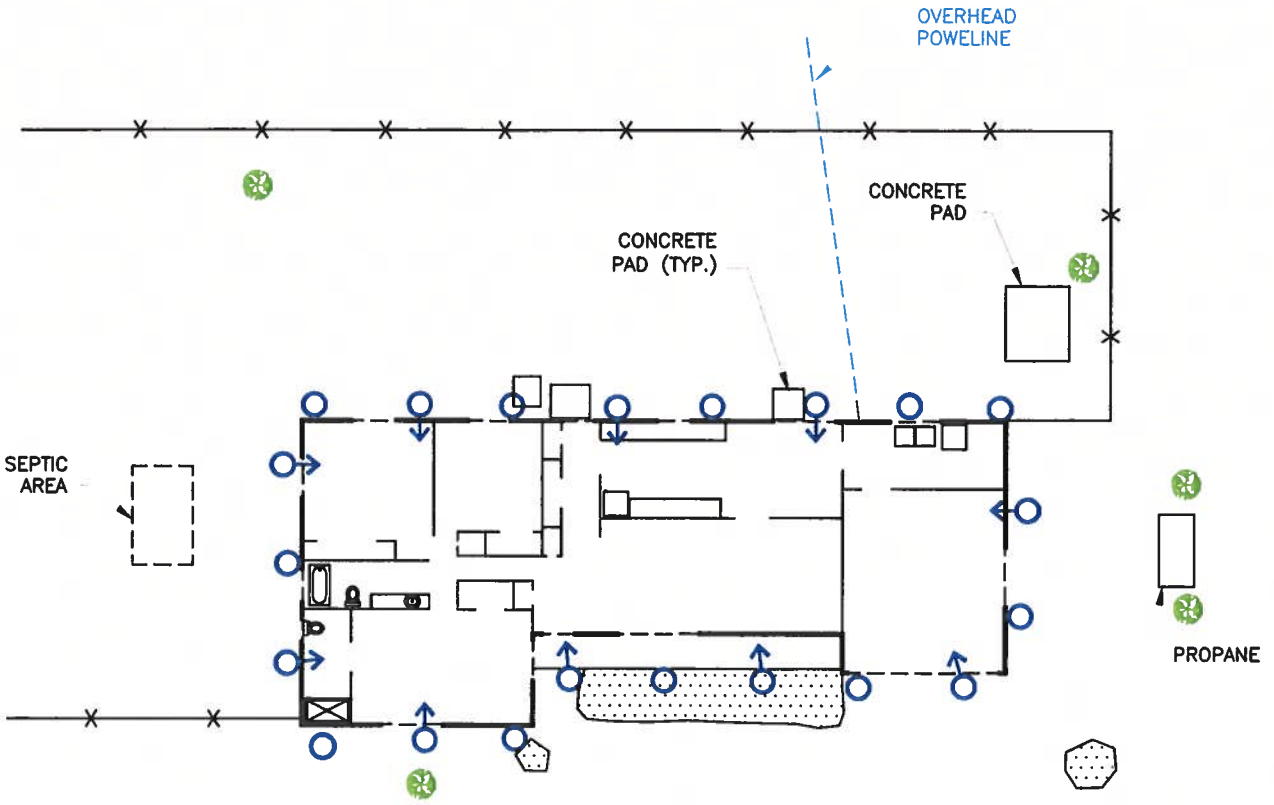
▼ APPROXIMATE LOCATION OF MANOMETER

FFE FINISHED FLOOR ELEVATION OF MAIN LIVING AREA

N

STATE FARM FLORIDA INSURANCE COMPANY JACKSONVILLE, FLORIDA		RELATIVE FLOOR ELEVATION CONTOUR MAP MILLER RESIDENCE FORT WHITE, FLORIDA

SURVEYED BY:	TD	PROJECT NO.:	3016816	FIGURE 5
CHECKED BY:	THF	DRAWING NO.:	6816-5	
DRAWN BY:	OVS	DATE:	03/20/07	



TREE (TYP.)

INDICATES VERTICAL GROUT POINT

INDICATES INCLINED GROUT POINT

APPROXIMATE LOCATION OF AREA PARTIALLY OR TOTALLY INACCESSIBLE TO GPR SURVEY

N

0 20'

SCALE

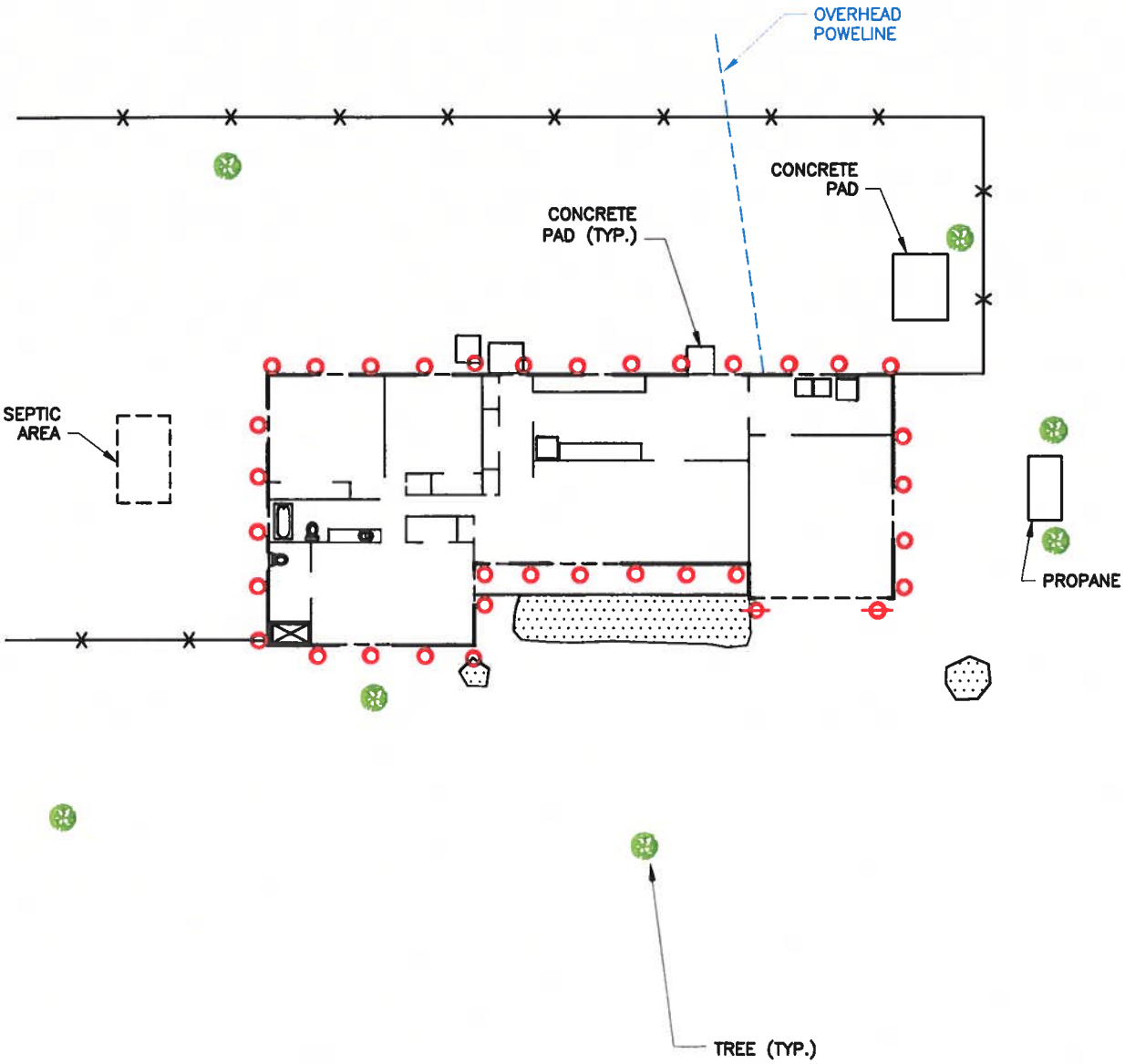
STATE FARM FLORIDA INSURANCE COMPANY
JACKSONVILLE, FLORIDA

SDII GLOBAL

SITE PLAN SHOWING APPROXIMATE LOCATION OF GROUT INJECTION POINTS

MILLER RESIDENCE
FORT WHITE, FLORIDA

DESIGNED BY:	THF	PROJECT NO.:	3016816	FIGURE 6
CHECKED BY:	THF	DRAWING NO.:	6816-6	
CREATED BY:	OVS	DATE:	03/20/07	



INDICATES LOCATION OF PILE WITH SPREADER BEAM

INDICATES PILE LOCATION

APPROXIMATE LOCATION OF AREA PARTIALLY OR TOTALLY INACCESSIBLE TO GPR SURVEY

NOTES:
1) MAXIMUM PILE SPACING IS 6'-0" O.C.
2) DO NOT PLACE PILES UNDER WALL OPENINGS WITHOUT SPREADER BEAM
3) PILE ASSEMBLY TO HAVE A MINIMUM SERVICE LOAD CAPACITY OF 30 KIP
4) CONTRACTOR TO SUBMIT PROPOSED PILE SYSTEM TO SDII FOR APPROVAL

N

0 20'

SCALE

STATE FARM FLORIDA INSURANCE COMPANY JACKSONVILLE, FLORIDA

SDII GLOBAL

SITE PLAN SHOWING APPROXIMATE LOCATION OF PILES

MILLER RESIDENCE
FORT WHITE, FLORIDA

DESIGNED BY:	THF	PROJECT NO.:	3016816	FIGURE
CHECKED BY:	THF	DRAWING NO.:	6816-7	7
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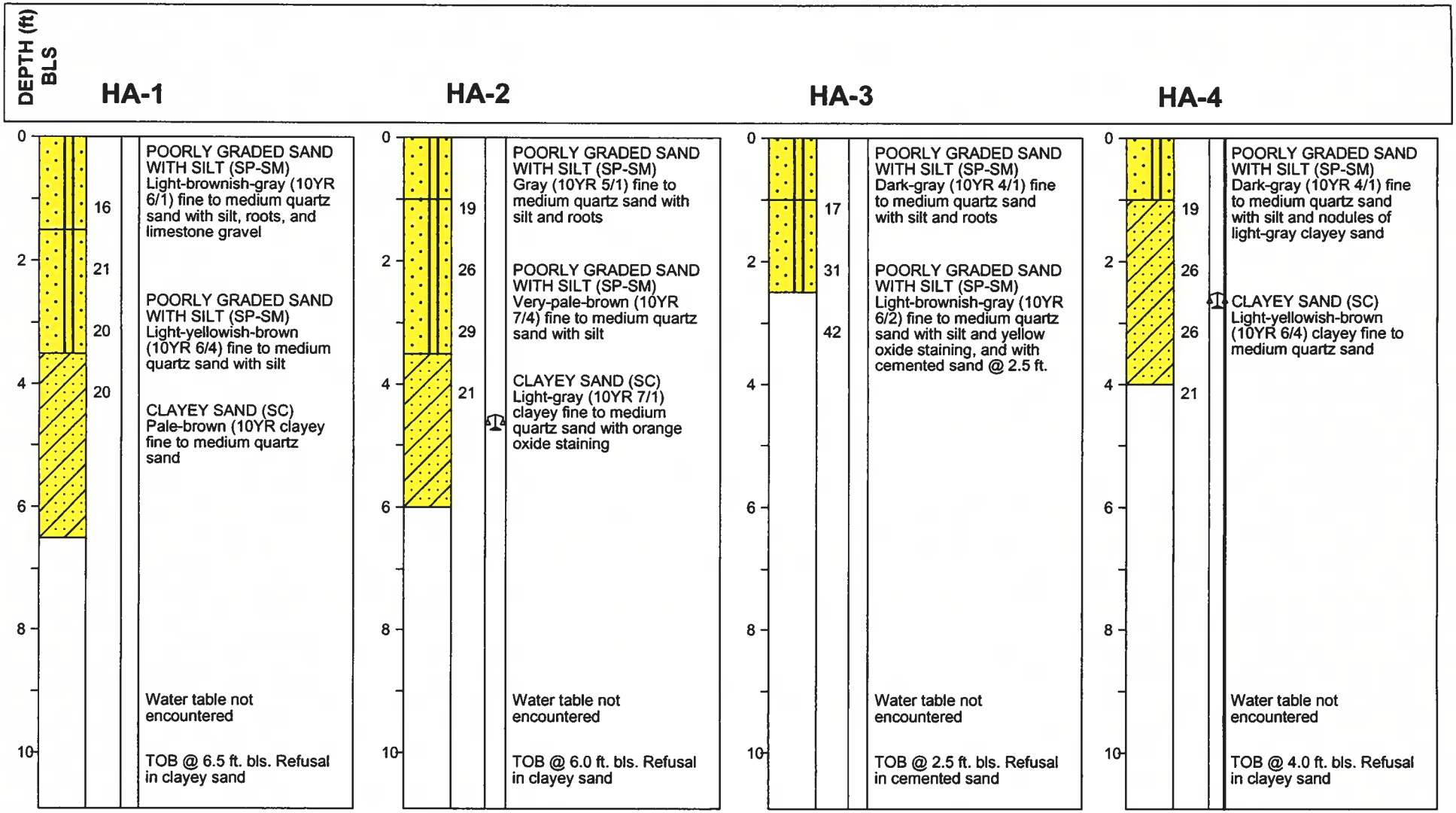


APPROX WATER TABLE APPROX SEASONAL HIGH WATER TABLE APPROX ANALYZED SOIL HORIZON TOB TERMINATION OF BORING

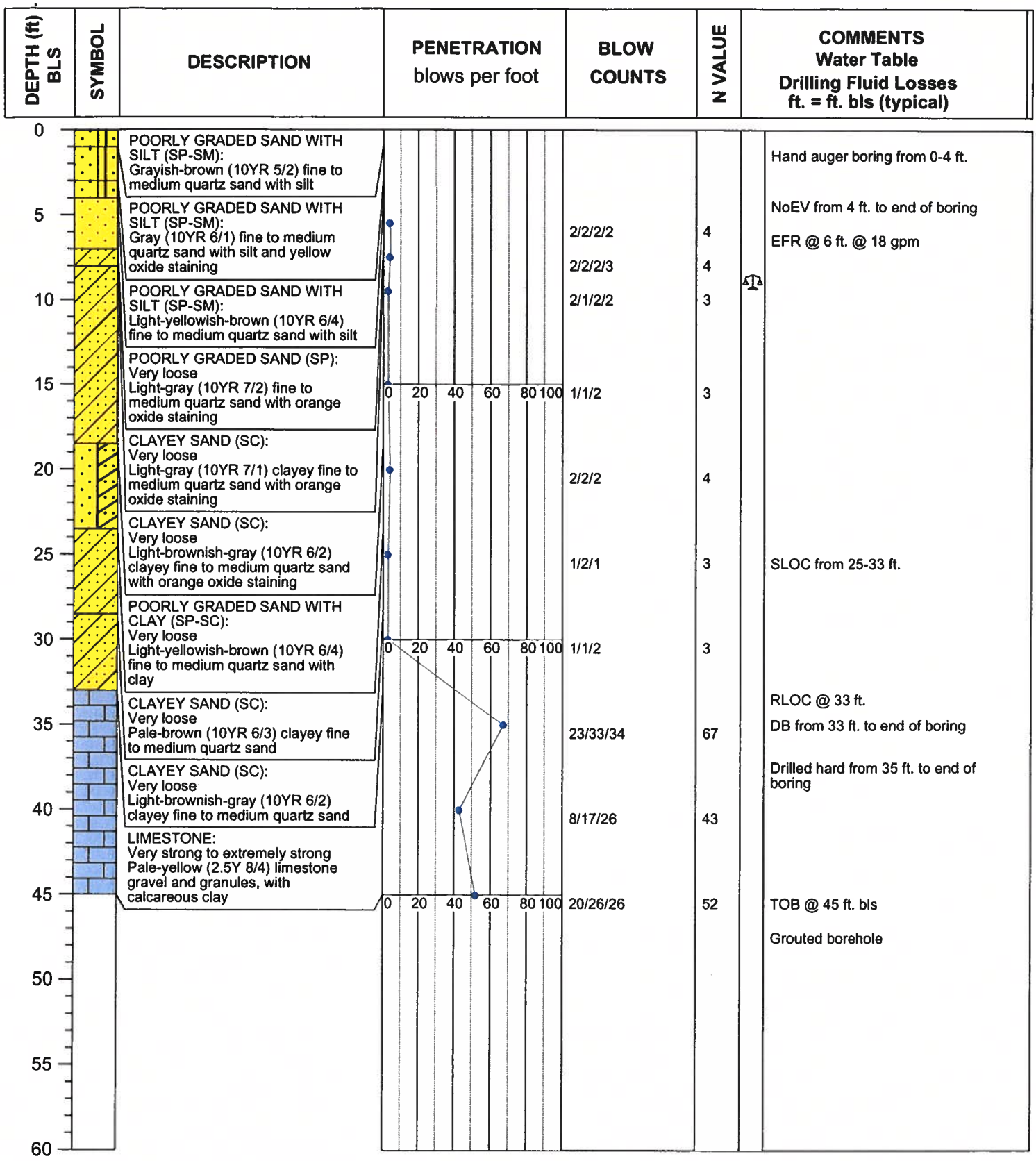
NOTE:
SECOND COLUMN FROM LEFT INDICATES APPROXIMATE PUSH PENETRATION VALUES IN Kg/cm2 (WHERE APPLICABLE)

STATE FARM FLORIDA INSURANCE COMPANY JACKSONVILLE, FLORIDA

HAND AUGER BORING LOGS

SITE NAME: MILLER RESIDENCE
SITE LOCATION: FORT WHITE, FLORIDA

DESIGNED BY:	MDH	PROJECT NO.:	3016816	HAND AUGER 1 thru 4
CHECKED BY:	MLF	BORING DATE:	03/01/07	
DRAWN BY:	MLF	PAGE NO.:	1 OF 1	

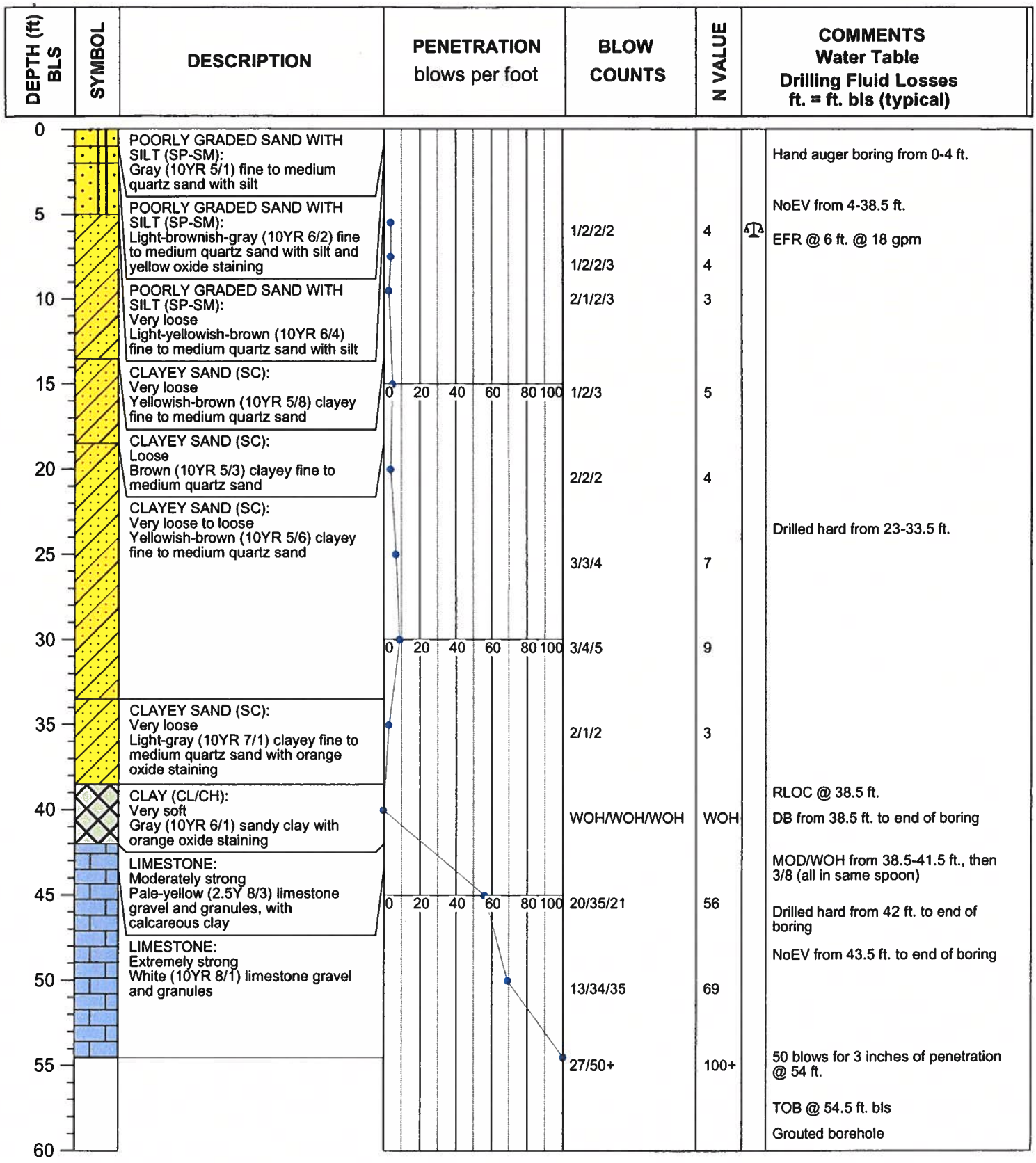


STATE FARM FLORIDA INSURANCE COMPANY JACKSONVILLE, FLORIDA

SPT BORING LOG

SITE NAME: MILLER RESIDENCE
SITE LOCATION: FORT WHITE, FLORIDA

DESIGNED BY:	MDH	PROJECT NO:	3016816	BORING B-1
CHECKED BY:	MLF	BORING DATE:	03/29/07	
DRAWN BY:	MLF	PAGE NO.:	1 OF 1	

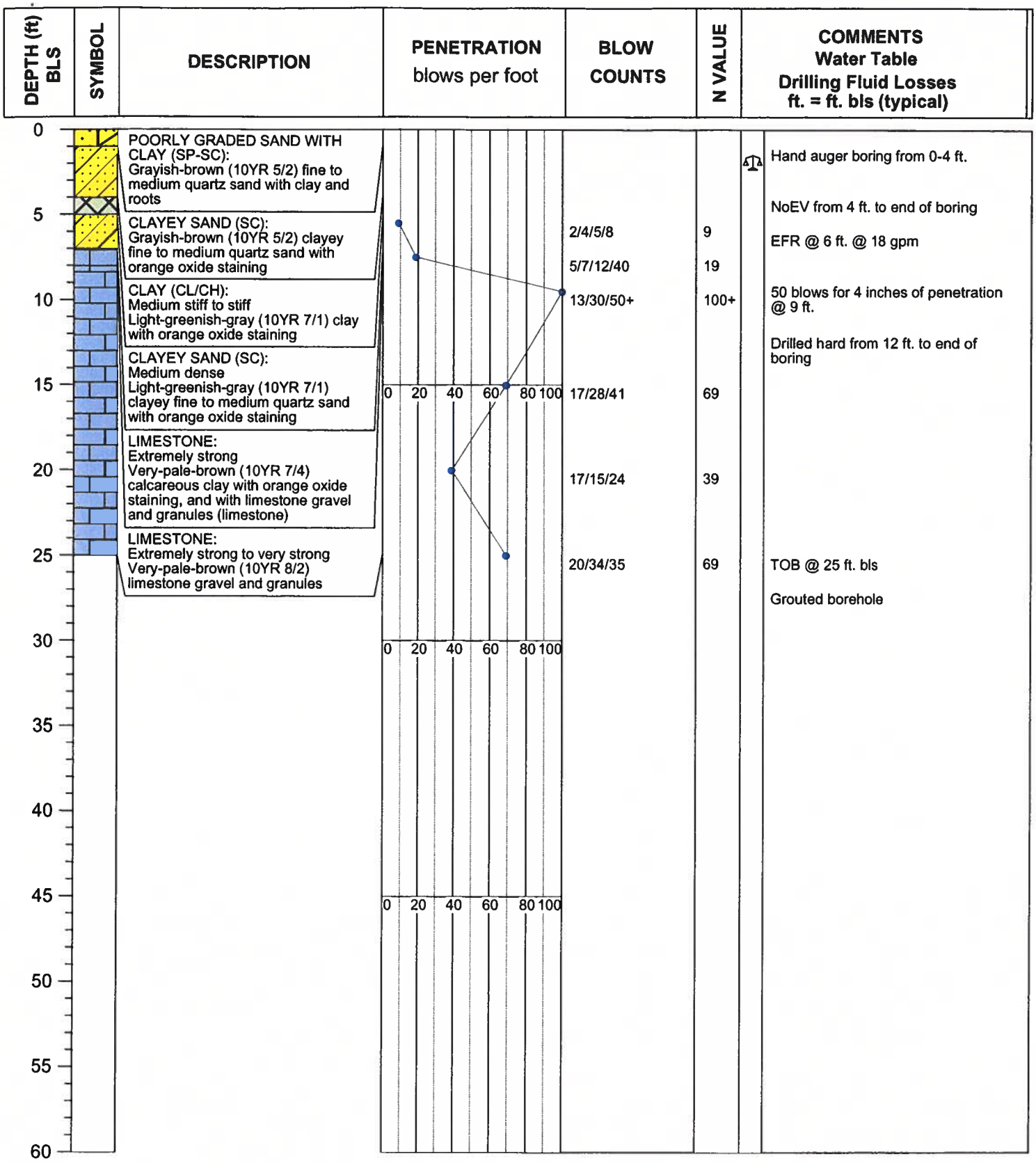


STATE FARM FLORIDA INSURANCE COMPANY JACKSONVILLE, FLORIDA

SPT BORING LOG

SITE NAME: MILLER RESIDENCE
SITE LOCATION: FORT WHITE, FLORIDA

DESIGNED BY:	MDH	PROJECT NO:	3016816	BORING B-2
CHECKED BY:	MLF	BORING DATE:	03/29/07	
DRAWN BY:	MLF	PAGE NO.:	1 OF 1	



STATE FARM FLORIDA INSURANCE COMPANY JACKSONVILLE, FLORIDA

SPT BORING LOG

SITE NAME: MILLER RESIDENCE
SITE LOCATION: FORT WHITE, FLORIDA

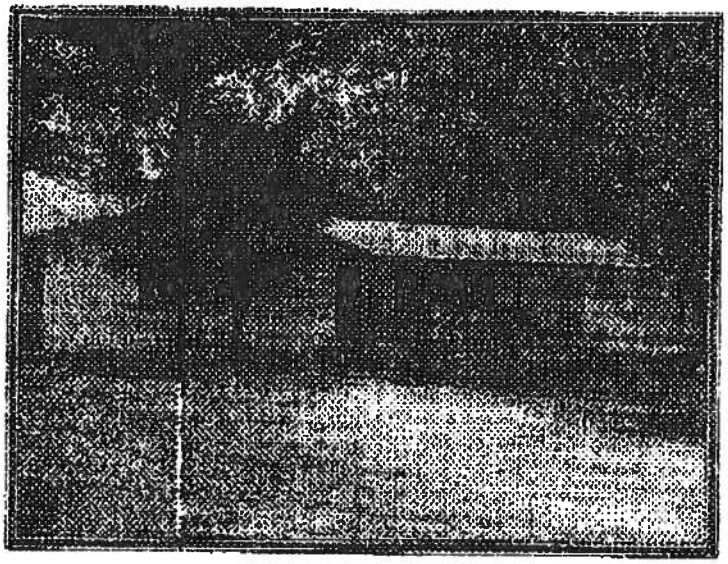
DESIGNED BY:	MDH	PROJECT NO:	3016816	BORING
CHECKED BY:	MLF	BORING DATE:	03/30/07	B-3
DRAWN BY:	MLF	PAGE NO.:	1 OF 1	

L.R.E. Ground Services, Inc.
P.O. Box 10263
Brooksville, Florida 34603
Voice: (352) 796-0229 Toll Free: (800) 580-0229
Fax: (352) 754-4558 Web: www.lregsi.com
CBC1250421

To: Joe Haltiwanger
386-754-7088
Appt# 0706-87

PROPOSED REPAIR PROGRAM

The Miller Residence
3191 Southwest County Road 778
Fort White, FL 32038



SUBMITTED TO:

Mr. & Mrs. Chris Miller
3191 Southwest County Road 778
Fort White, FL 32038

Claim No.
59-D149-474

Proposal No.
07-0514-07

May 14, 2007

Founding Member of
Florida Association of

L.R.E. Ground Services, Inc.
P.O. Box 10263
Brooksville, Florida 34603
Voice: (352) 796-0229 Toll Free: (800) 580-0229
Fax: (352) 754-4558 Web: www.lregsi.com
CBC1250421

May 14, 2007

Mr. & Mrs. Chris Miller
3191 Southwest County Road 778
Fort White, FL 32038

RE: Proposed Stabilization Program
The Miller Residence
3191 Southwest County Road 778
Fort White, FL 32038
Claim No.: 59-D149-474
Proposal No.: 07-0514-07

Dear Mr. & Mrs. Miller:

L.R.E. Ground Services, Inc., is pleased to submit the following proposal for compaction grouting and the installation of underpins for stabilization at the referenced project. Our proposal is based on information provided by SDII Global Corporation and our site visit on May 10, 2007.

GROUTING PROGRAM OUTLINE:

To accomplish stabilization of the soils in the subsiding area, we propose using a low-slump grouting program. The grouting procedure requires the injection of sand-cement, fly ash grout under high pressure to compact and displace the soils. This low-slump grout will tend to decrease the possibility of future raveling of soils into solution cavities.

The installation of two-inch to three-inch steel casing to anticipated depths of approximately 50 feet beneath the ground surface will be made at various locations as directed by the engineer of record. The grout will be pumped at pressures with a range of fifty (50) to three hundred (300) p.s.i. at the bottom depth. The high pressure will enable the grout to fill voids that may exist in the limestone layers. As the grouting operation proceeds, the steel grout pipe will be extracted. This will allow the grout to expand to accomplish the goal of displacing existing voids and channels.

It is our understanding that engineering oversight of this installation will be made by SDII Global Corporation.

Miller Residence
Claim No.: 59-D149-474
Proposal No.: 07-0514-07

PROGRAM SCHEDULE:

Drawn from previous experience and information provided by the engineer of record, L.R.E. Ground Services, Inc., estimates that the perimeter of the house should require **210** cubic yards of grout, utilizing the recommended **21** primary grout injection points. A copy of SDII Global Corporation grout recommendation sheet is included with this proposal.

FEE SCHEDULE:

Our fees to provide this program to you are outlined below:

$ 2,500.00	Mobilization and demobilization of equipment.
$ 500.00	Permit Fee(s).
$ 15.00	Per L.F. for drilling injection points.
$ 153.00	Per cubic yard of grout placed.
$ 113.00	Per cubic yard of grout delivered but not used.

The total cost of this program is estimated to be **$50,890.00.**

After grouting operations are completed, an underpinning program may be required to address the areas of the foundation and exterior walls that have cracked and settled beyond cosmetic tolerances.

UNDERPINNING PROGRAM OUTLINE:

At this time, we propose to stabilize the affected area of the house by installing **35** three-inch diameter steel exterior underpins spaced approximately six feet on center. The exact location of the underpins will be determined in the field.

This solution will not only stabilize, but allow us to jack the structure. L.R.E. Ground Services, Inc., has successfully used this comprehensive underpinning system at previous projects to lift and even close substantial cracks. However, no substantial lift can be guaranteed.

This program includes furnishing all labor, materials, equipment and miscellaneous supplies for the underpin installation. The excavation and backfilling of the underpins, as well as removal of debris, is included as part of this proposal.

It is our understanding that engineering oversight of this installation will be made by SDII Global Corporation.

Miller Residence
Claim No.: 59-D149-474
Proposal No.: 07-0514-07

FEE SCHEDULE:

Our fees to provide this program to you are outlined below:

$ Waived	Mobilization / demobilization of equipment included with grout program.
$ 1,025.00	Each 3" diameter steel exterior underpin up to 30 feet deep.
$ 15.00	Per each additional foot in excess of 30 feet.
$ 15.00	Per linear foot of 4" I/spreader beam installed.

The total cost of additional footage is estimated to be **$10,500.00.**

The total cost of this program is estimated to be **$46,375.00.**

The total cost of both programs is estimated to be **$97,255.00.**

PLEASE NOTE: Fees for oversight and certification by the engineer of record are not included in this proposal. Removal and replacement of obstructions, including but not limited to HVAC, pool pumps, screen enclosures, low overhead clearances & pavers should be performed by contractor(s) who specialize in this type of work.

Final billing will be based on actual quantities used.

LIABILITY:

L.R.E. Ground Services, Inc. will perform both programs based on the outline above under the direction of the engineer of record. L.R.E. Ground Services, Inc., and customer agree that L.R.E Ground Services, Inc., shall not be liable for any further damage to the structures involved.

INSURANCE:

L.R.E. Ground Services, Inc., provides all necessary insurance coverage's including, but not limited to, automobile liability, comprehensive general liability and workmen's compensation.

GENERAL CONDITIONS:

L.R.E. Ground Services, Inc., is to be provided the following:
Site access to the work area.
Water supply within 100 feet of the work area.

Miller Residence
Claim No.: 59-D149-474
Proposal No.: 07-0514-07

L.R.E. Ground Services, Inc., will provide the following:
Having all underground utilities located.
Provide coordination with engineering company.

STRUCTURE AND LANDSCAPING:

All efforts and care will be taken to preserve the existing landscaping and structure finishes; however, L.R.E. Ground Services, Inc., and the customer agree that L.R.E. Ground Services Inc., shall not be liable for replacement or damages occurring during the course of work.

CHANGE ORDERS:

L.R.E. Ground Services, Inc., reserves the right to request change orders for extra work required as a result of conditions unforeseen based on the original information obtained during the proposal stage. Grout quantities are very difficult, if not impossible to accurately predict.

CONFIDENTIALITY:

L.R.E. Ground Services, Inc., request that this proposal remain confidential and is for the sole use of whom it is addressed and isolated only to the project referenced.

LIMITATIONS:

The grouting program does not address the problem of shrink / swell materials (clay). This material is highly subjected to volume changes due to climatic conditions such as drought and heavy rainfall. These types of conditions are beyond the scope of this program.

Due to the nature of the compaction grouting process, nearby wells may be adversely affected. L.R.E. Ground Services, Inc., will make every effort to safeguard wells at the subject property, but makes no warranty for the operation of wells at or beyond the limits of the job site and cannot be held responsible for the repair or replacement of any affected wells.

Work that has not been addressed in this proposal will not be included as L.R.E. Ground Services, Inc. responsibility.

PAYMENT TERMS:
Subject to the terms set forth hereinafter, payment is due in full within ten (10) days following the date of the invoice. If you are in possession or come into possession of the insurance proceeds before mobilization, 50% of the contract amount is due at the time of mobilization. Should the insurance proceeds be held in a restricted escrow account with your mortgage company, bank, or other institution, a first release or 50 % of the proceeds is to be released to LRE at time of mobilization. Payment will not be considered made until all the funds owed to LRE have been released to LRE by all additional named payees, if any. Interest on balances over ten (10) days

Miller Residence
Claim No.: 59-D149-474
L.R.E. Proposal No.: 07-0514-07

will be charged at 1.5 % per month. Should payment not be received within sixty (60) days of completion of your project, LRE will proceed to enforce its statutory construction lien rights against your property. Should any payment not be received when due, you shall be liable for the costs of collection, including attorney's fees, paid or incurred by LRE as a consequence of such non-payment, whether or not suit is brought.

ACCORDING TO FLORIDA'S CONSTRUCTION LIEN LAW (SECTIONS 713.001-713.37, FLORIDA STATUTES), 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. IF YOUR CONTRACTOR OR A SUBCONTRACTOR FAILS TO PAY SUBCONTRACTORS, SUB-SUBCONTRACTORS, OR MATERIAL SUPPLIERS OR THE PEOPLE WHO ARE OWED MONEY MAY LOOK TO YOUR PROPERTY FOR PAYMENT, EVEN IF YOU HAVE ALREADY PAID YOUR CONTRACTOR IN FULL. IF YOU FAIL TO PAY YOUR CONTRACTOR, YOUR CONTRACTOR MAY ALSO HAVE A LIEN ON YOUR PROPERTY. THIS MEANS IF A LIEN IS FILED YOUR PROPERTY COULD BE SOLD AGAINST YOUR WILL TO PAY FOR LABOR, MATERIALS, OR OTHER SERVICES THAT YOUR CONTRACTOR OR SUBCONTRACTOR MAY HAVE FAILED TO PAY. TO PROTECT YOURSELF, YOU SHOULD STIPULATE IN THIS CONTRACT THAT BEFORE ANY PAYMENT IS MADE, YOUR CONTRACTOR IS REQUIRED TO PROVIDE YOU WITH A WRITTEN RELEASE OF LIEN FROM ANY PERSON OR COMPANY THAT HAS PROVIDED YOU A "NOTICE TO OWNER." FLORIDA'S CONSTRUCTION LIEN LAW IS COMPLEX AND IT IS RECOMMENDED THAT YOU CONSULT AN ATTORNEY.

Miller Residence
Claim No.: 59-D149-474
L.R.E. Proposal No.: 07-0514-07

L.R.E. Ground Services, Inc. will work with you and your mortgage company to help expedite the process of proper documentation to have funds released in a timely manner.

L.R.E. Ground Services, Inc. appreciates the opportunity to submit our proposal to you and look forward to working for you on this project. If you have any questions or concerns regarding this proposal, please feel free to give us a call at any time.

In any legal proceedings against the customer related to this agreement, including but not limited to collection and lien foreclosure actions, venue shall be in Hernando County, Florida.

The fees proposed remain in effect for thirty (30) days from the date of this proposal.

Respectfully yours,

L.R.E. GROUND SERVICES, INC.

Raymond D. Woolever
President

RDW/cf

Enclosure (s)

cc: Shirley Sebastian – State Farm Insurance Company
Christy Plauchs – SDII Global Corporation

Miller Residence
Claim No.: 59-D149-474
L.R.E. Proposal No.: 07-0514-07

This page shall represent the acceptance and agreement of all Terms and Conditions and Scope of Work descriptions contained therein. Upon receipt of authorization, indicated by your signature, this proposal **IS A CONTRACT** between L.R.E. Ground Services, Inc. and the undersigned customer indicated below.

PAYMENT AUTHORIZATION
The undersigned give their authorization to have L.R.E. Ground Services, Inc. be paid directly from the insurance company/lending institution and be named as a party on all payments released by our insurance company and/or our lending institution for their services, including labor and/or materials, supplied by L.R.E. Ground Services, Inc., pursuant to this agreement. The undersigned also transfers and assigns to L.R.E. Ground Services, Inc., our claim to the proceeds from the insurance company and/or our lending institution, for the full amount owed to L.R.E. Ground Services, Inc., based on their final invoice.

RESCIND CONTRACT TERMS
By signing and dating the contract below, you, the Homeowner(s), understand that you may cancel this transaction without any penalty or obligation, within three business days from the date signed below. Your written cancellation must be postmarked no later than midnight of the third business day after the contract date below.

However, if this agreement should be breached after the allotted timeframe aforementioned, we, the Contractor, are entitled to recovering any and all applicable fees, (which include, but are not limited to, documenting fees, labor, travel, or equipment, to complete any portion of the contract), equaling the amount of $1,500.00, or 1.5% of the contract's value, whichever may be higher. Additionally, we, the Contractor, will not be held liable for any cost, expense or compromise incurred by any legal action associated with the breach of contract.

Dated this _____ day of _____, 2007

Accepted and Approved: _____ _____
Signature Print/Type Name and Date

_____ _____
Signature Print/Type Name and Date

Mortgage Co.: _____ **2nd Mortgage Co.:** _____

_____ _____
(Address & Phone) **(Address & Phone)**

Account No: _____ **Account No:** _____

Date of Loss: _____ **Date of Loss:** _____

Founding Member of

Permit Number: 000025999

SDII Global Corporation
www.sdii-global.com

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tel **954-653-0415**
fax 954-653-0416

September 11, 2007

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

Subject: Completion Report of Underpinning Remediation
The Miller Residence – Fort White, Florida
Claim No. 59-D149474
SDII Project No. 3016816B

Dear Ms. Sebastian:

SDII Global Corporation (SDII) is pleased to present this report summarizing the underpinning remediation performed 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 foundation repairs were made in substantial compliance with the recommendations made in our *"Final Report – Subsidence Investigation"* dated April 11, 2007, SDII Project Number 3016816.

The purpose of the underpinning program was to stabilize the foundation of the structure. SDII monitored the contractor's operations during the underpinning to verify compliance with the intent of SDII's recommendations.

SUMMARY OF MONITORING SERVICES

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

- LRE Ground Services, Inc. installed 35 steel pipe piles along the exterior of the residence between August 15 and September 5, 2007. LRE installed a total of 687 linear feet of piling into the subsurface.

- The piles consisted of 3-inch diameter steel pipe and were hydraulically or manually advanced to bear on competent material. The hydraulic seating pressures for the perimeter piles ranged from 1,200 to 5,000 psi at the bearing depth and final seating pressures ranged from 1,000 to 4,500 psi. The tip depth of the perimeter piles ranged from 7 to 40 feet.

- The contractor used the installed underpinning piles and hydraulic rams to support the foundation and close the existing cracks on the interior and exterior of the home. The perimeter of the residence was lifted between 1/16 and 3/4 inch.

Based on our observations, the underpinning pile installations were documented as substantially complying with SDII's recommendations. Table 1 in the Appendix summarizes the pin pile installation. Figure 2 illustrates the location and numbering of the pin pile locations.

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

CLOSING

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 9/20/07

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

APPENDIX: Table 1 – Pin Pile Installation Summary
Figure 1 – Project Site Location Map
Figure 2 – Site Plan Showing As-Installed Pin Pile Locations
Selected Site Assessment Photographs

DISTRIBUTION: Addressee - 2
File - 1

APPENDIX

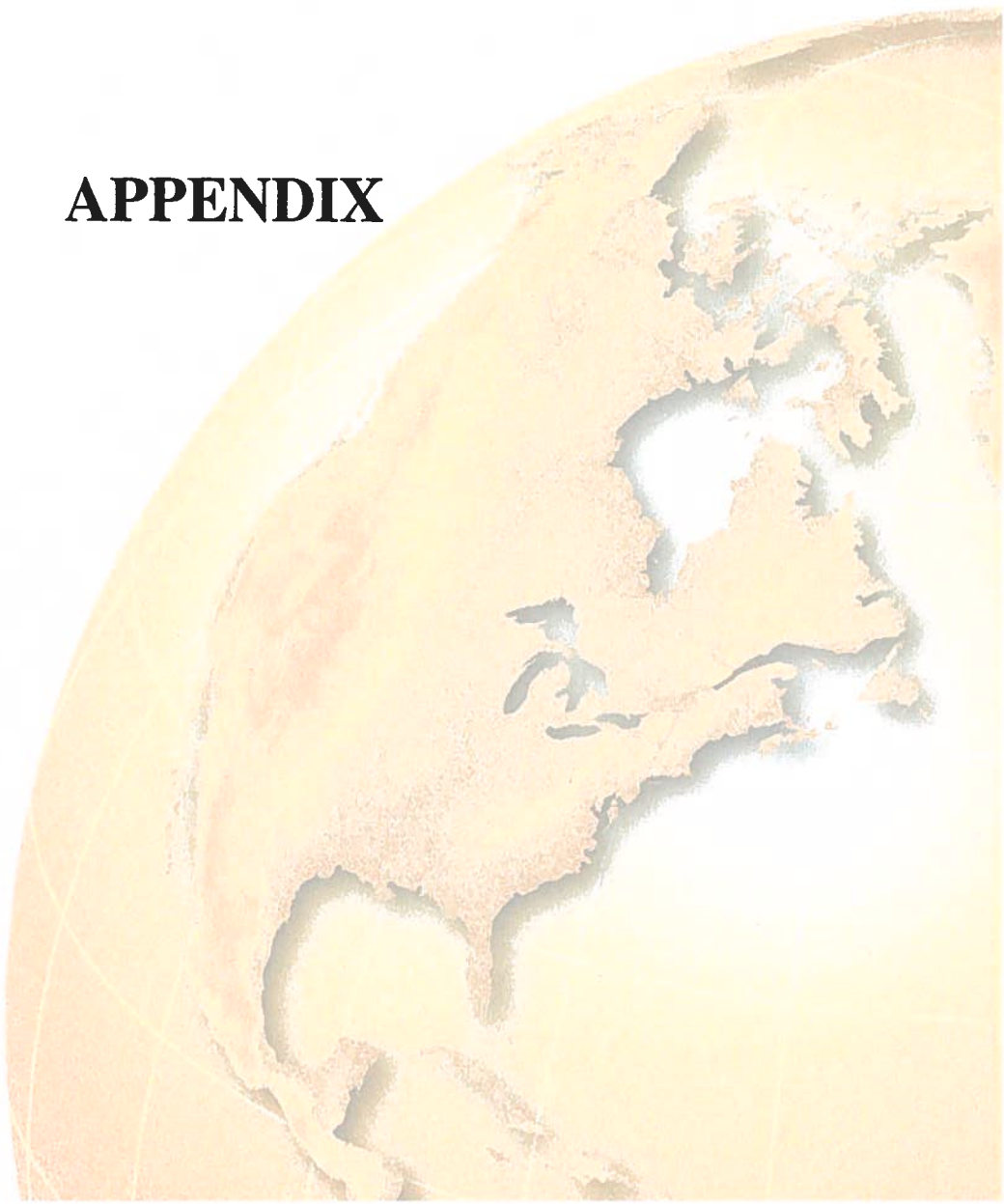
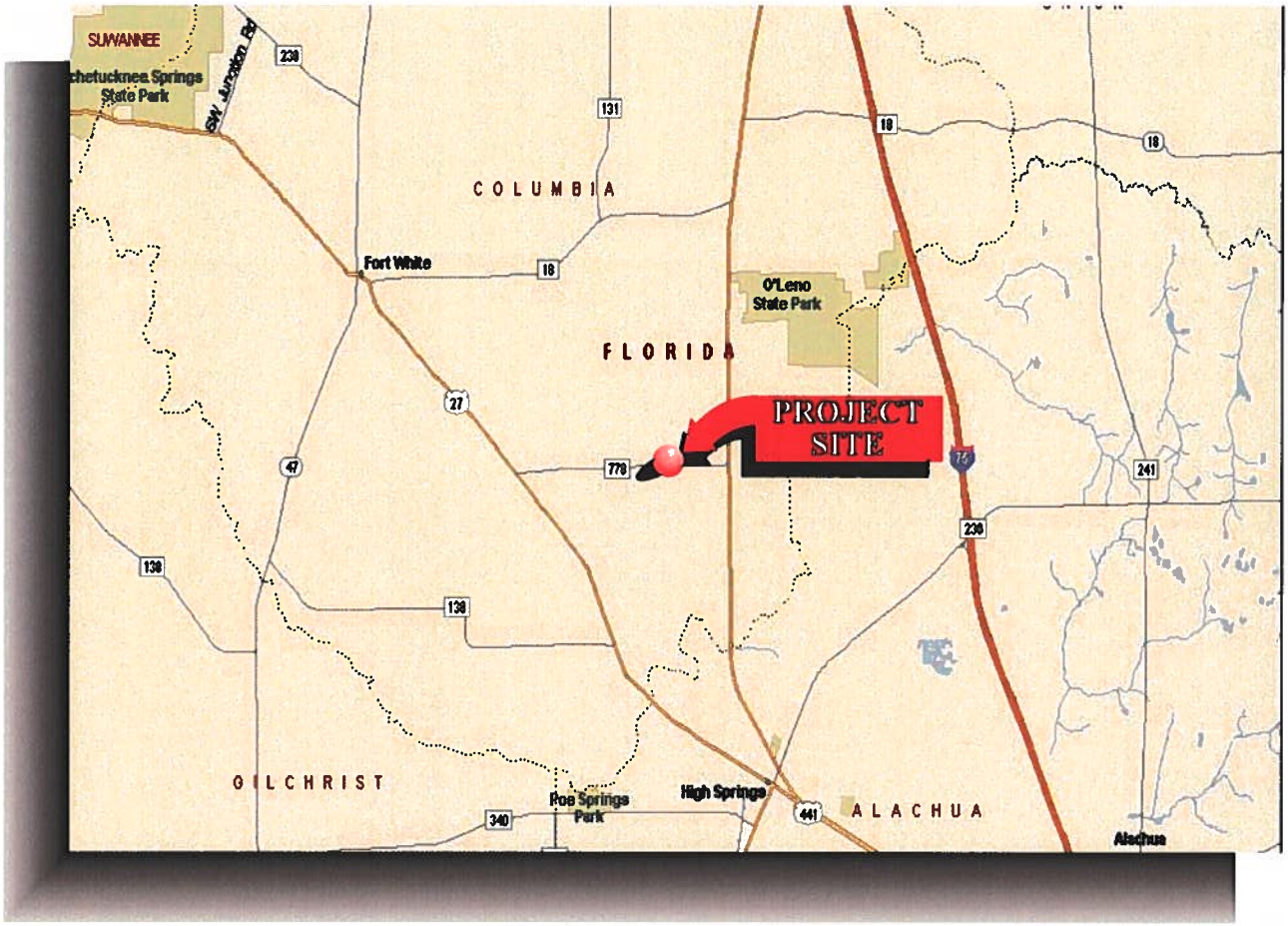
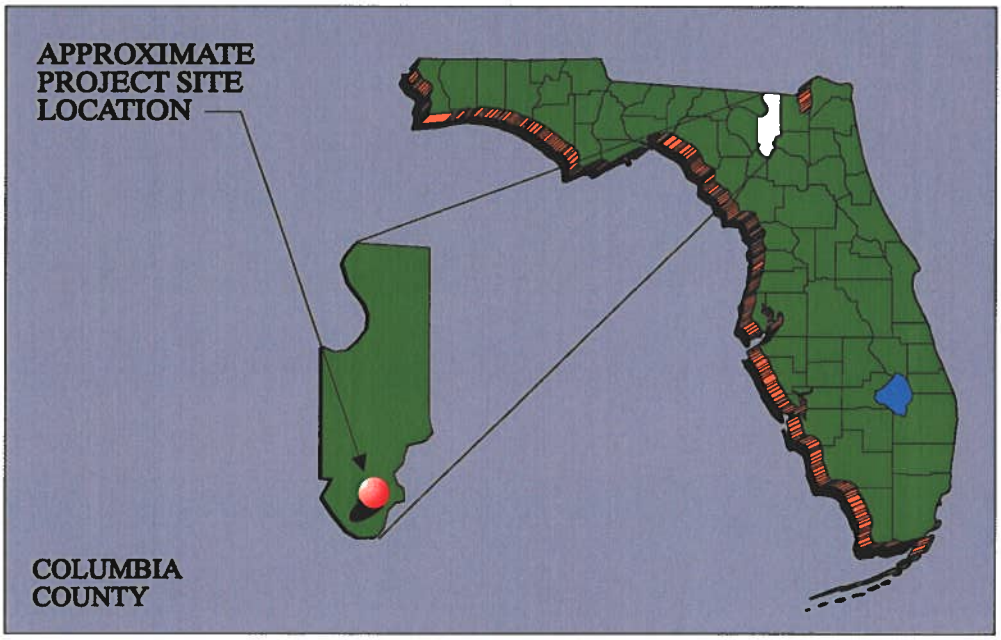


Table 1. Pin Pile Installation Summary

Exterior Piles				
Pile No	Installation Depth (Feet)	Installation Seating Pressure (PSI)	Final Lift Pressure (PSI)	Final Lift (Inches)
1	22.0	2,800	1,000	1/16
2	18.0	3,500	1,500	1/16
3	22.0	5,000	1,500	1/16
4	32.0	5,000	1,500	1/16
5	13.0	5,000	1,500	1/16
6	29.0	5,000	2,700	1/16
7	28.0	5,000	2,700	1/16
8	34.0	5,000	2,700	1/16
9	40.0	4,500	2,300	1/16
10	29.0	3,400	2,300	1/16
11	40.0	4,000	2,300	1/16
12	7.0	4,200	1,500	1/16
13	22.0	3,500	1,500	1/16
14	39.0	4,900	1,500	1/16
15	25.0	4,500	1,500	1/16
16	39.0	4,300	2,300	1/16
17	11.0	4,500	2,100	1/16
18	8.0	5,000	2,100	1/16
19	9.0	4,500	2,100	1/16
20	7.0	5,000	3,000	1/16
21	10.0	5,000	3,000	1/16
22	8.0	5,000	3,000	1/16
23	10.0	5,000	3,000	1/16
24	16.0	4,800	3,000	1/16
25	10.0	5,000	3,000	1/16
26	7.0	5,000	3,000	1/16
27	14.0	4,800	2,500	1/16
28	13.0	4,300	3,000	1/8
29	7.0	4,000	3,000	1/4
30	9.0	2,000	4,500	1/2
31	31.0	4,000	4,500	3/4
32	10.0	4,200	4,500	3/4
33	14.0	3,200	1,500	1/16
34	33.0	2,200	1,200	1/16
35	21.0	1,200	1,200	1/16
TOTAL	687.0			





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NOT TO SCALE

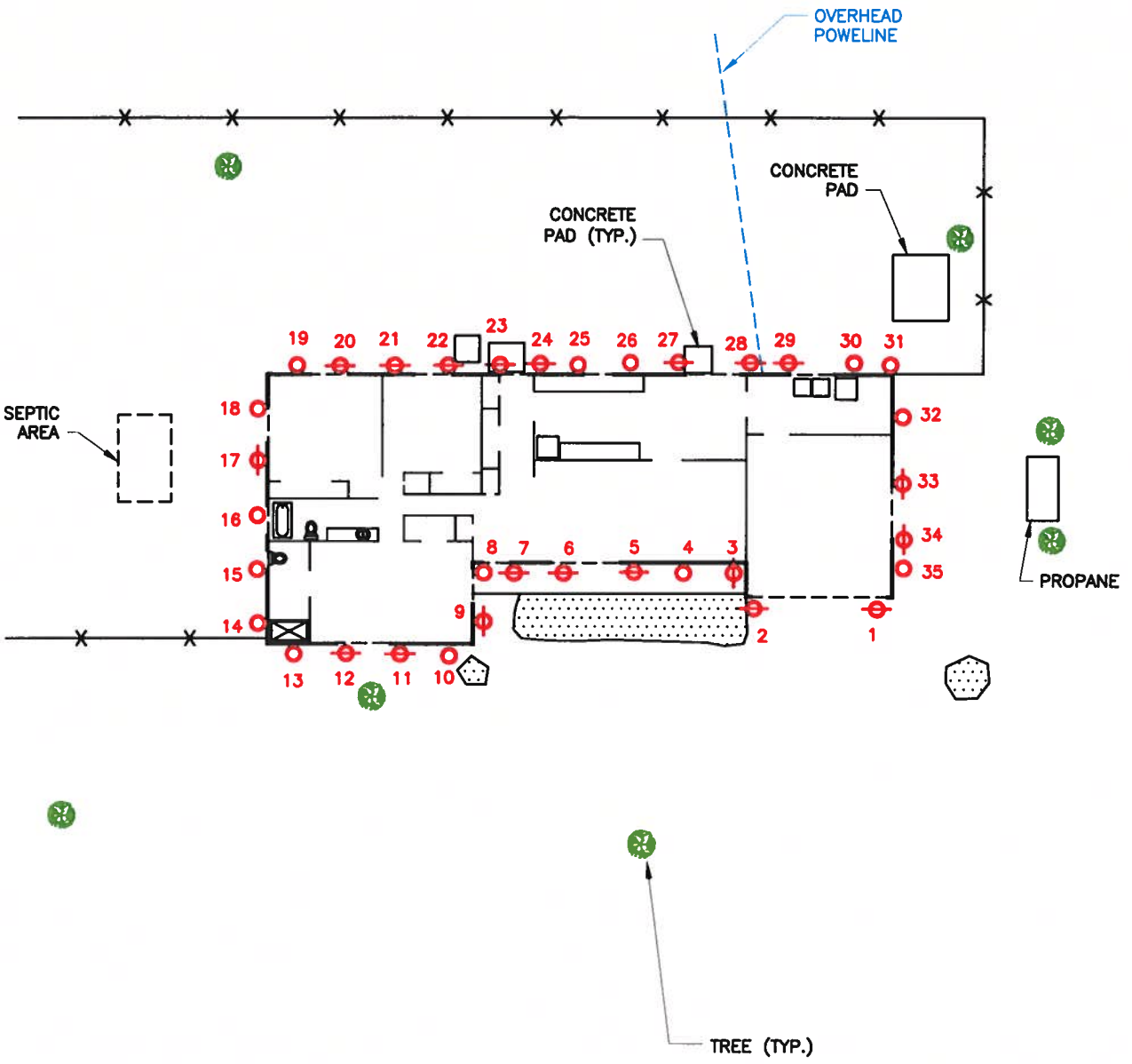
STATE FARM FLORIDA INSURANCE COMPANY
JACKSONVILLE, FLORIDA

SDII GLOBAL

PROJECT SITE LOCATION MAP

MILLER RESIDENCE
FORT WHITE, FLORIDA

DESIGNED BY:	THF	PROJECT NO.:	3016816B	FIGURE 1
CHECKED BY:	THF	DRAWING NO.:	6816-1	
DRAWN BY:	JMW	DATE:	09/11/07	



INDICATES LOCATION OF PILE WITH SPREADER BEAM

INDICATES PILE LOCATION

APPROXIMATE LOCATION OF AREA PARTIALLY OR TOTALLY INACCESSIBLE TO GPR SURVEY

NOTES:
1) MAXIMUM PILE SPACING IS 6'-0" O.C.
2) DO NOT PLACE PILES UNDER WALL OPENINGS WITHOUT SPREADER BEAM
3) PILE ASSEMBLY TO HAVE A MINIMUM SERVICE LOAD CAPACITY OF 30 KIP
4) CONTRACTOR TO SUBMIT PROPOSED PILE SYSTEM TO SDII FOR APPROVAL

N

0 20'

SCALE

STATE FARM FLORIDA INSURANCE COMPANY
JACKSONVILLE, FLORIDA

SDII GLOBAL

SITE PLAN SHOWING AS-INSTALLED LOCATION OF PILES

MILLER RESIDENCE
FORT WHITE, FLORIDA

DESIGNED BY:	THF	PROJECT NO.:	3016816B	FIGURE 2
CHECKED BY:	THF	DRAWING NO.:	6816-2	
CREATED BY:	JMW	DATE:	09/11/07	

Selected Site Assessment Photographs