

# CABLE LOCK™ LIFETIME FOUNDATION WARRANTY

Certificate # 193328

This certifies that the homeowners at

414 SPRUCE LAKE

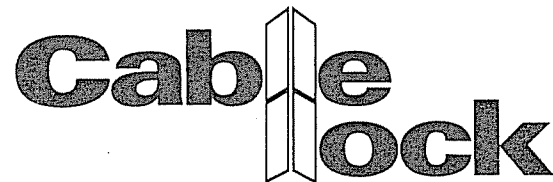
HUFFMAN , TEXAS 77336

have used the Cable Lock system of foundation repair.

If any adjustments are required during the life of this home due to settling, our company or another designated Cable Lock contractor will re-raise all areas previously underpinned without cost to the owner.

This warranty is completely transferable to any and all future owners of this home, provided no major structural changes have been made, and applies only to Cable Lock installations.

## Atlas Foundation Repair

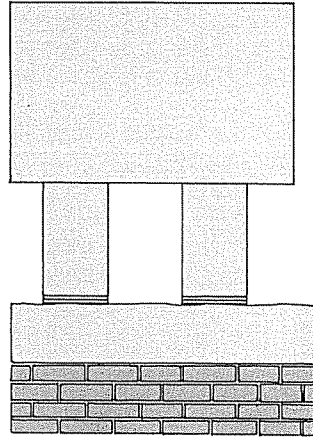


Mary Janak  
COMPANY OFFICER SIGNATURE

10/01/93

DATE

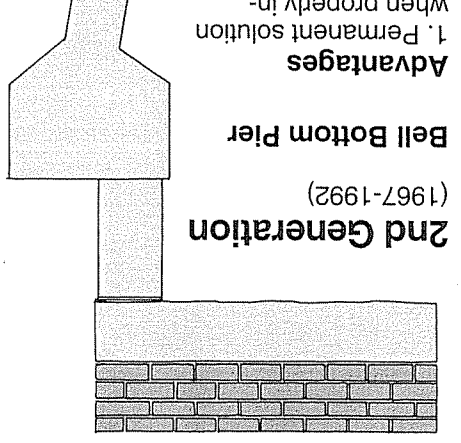
# Evolution of Foundation Repair Systems



**1st Generation**  
(Prior to 1967)

- Disadvantages**
1. Temporary fix.
  2. Not to load bearing soils.
  3. Moves as soils move.

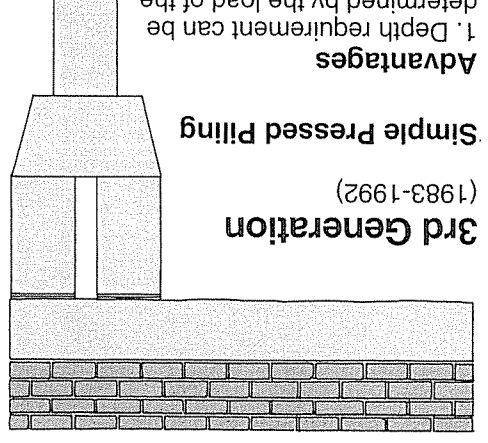
- Advantages**
1. Quick.
  2. Cheap.



**2nd Generation**  
(1967-1992)

- Advantages**
1. Permanent solution when properly installed.
  2. Bell bottom footing can be checked.
  3. Depth can be verified.
  4. Soils can be checked visually.
  5. Alignment can be visually verified.
  6. Concrete is steel reinforced.

- Disadvantages**
1. Most pier failures occur because bell footings are not properly installed (size, debris or moisture can affect performance).
  2. Soils are not properly identified.
  3. Takes 2-3 weeks to complete job.
  4. Mess of pouring concrete plus time delays can cause expensive loss or damage to plants.



**3rd Generation**  
(1983-1992)

- Advantages**
1. Depth requirement can be determined by the load of the structure being raised.
  2. Soils are tested by driving the pilings into the soils.
  3. Concrete is tested under the load it is required to support.
  4. Precured/tested concrete enables immediate leveling of the structure. Most jobs are completed in 2-3 days.
  5. Site cleanliness and 2-3 day job time save destruction of valuable vegetation.

**Disadvantages**

1. Proper installation cannot be verified.
2. Alignment is impossible given below ground obstructions.
3. No reinforcement to prevent shifting of cylinders (vertical or horizontal) after work is completed and soil moisture changes.
4. City cannot inspect due to time requirement. Therefore, inspectors must be paid by the company performing the work or **not at all.**



**NEWEST TECHNOLOGY**  
**CABLE LOCK™**  
**Pressed Piling**

- Advantages**
1. A PERMANENT SOLUTION.
  2. Has all the advantages of simple pressed piling plus proper installation.
  3. Depth can be verified by measuring steel reinforcing cable.
  4. Concrete is steel reinforced.
  5. Steel cable controls any horizontal or vertical separation of piles.
  6. City inspectors, engineers, and you personally, can verify job performance.

**NO DISADVANTAGES**

# CABLE LOCK™ LIFETIME FOUNDATION WARRANTY

Certificate # \_\_\_\_\_

This certifies that the homeowners at

\_\_\_\_\_  
\_\_\_\_\_

have used the Cable Lock system of foundation repair.

If any adjustments are required during the life of this home due to settling, our company or another designated Cable Lock contractor will re-raise all areas previously underpinned without cost to the owner.

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## Atlas Foundation Repair

**Cable  
Lock**

\_\_\_\_\_  
COMPANY OFFICER SIGNATURE

\_\_\_\_\_  
DATE

**The Atlas Commitment - All foundation repair companies are not created equal. At Atlas, we are committed to service, quality, reliability and customer satisfaction. This is what makes Atlas a superior value.**

**Service -** The cornerstone of the Atlas commitment is service. Our service begins with highly trained consultants. These consultants will meet with you, determine your needs and act as your representatives to Atlas. They will work with you to preplan everything . . . from financial assistance to yard and pet care. They will ensure that you get the best possible foundation repair design at a price you can afford.

Our commitment to service is supplemented by our on-site job supervisors. Atlas keeps a qualified supervisor present at all times. His job is to monitor your foundation repair from start to finish. This gives you ready access to one person who can answer all your questions. We are committed to satisfied customers through accurate and responsive information for your total peace of mind.

**Quality -** The second building block of the Atlas commitment is quality. You demand quality. We deliver quality. From the moment we begin to resupport your foundation to the final quality check that all your landscaping is restored in near original condition, the Atlas commitment is to provide the solutions to all your foundation problems with a minimum of inconvenience to you.

Atlas foundation repairs comply with local government requirements and FHA/VA guidelines. Every employee who works on your home's foundation is highly trained and experienced and has a specific responsibility to quality. Only the finest proven materials are used. The final quality point is the lifetime, transferable warranty we provide. Atlas was the first company in the business to offer this. We are proud of the quality of our work and are committed to maintaining the highest standards. Remember, warranties are only as good as the company which offers it.

**Reliability -** How reliable is Atlas? Our performance provides the answer. Atlas has been a quality foundation repair company spanning three decades. Our years in business has developed experience which our competitors envy.

We own all our land, buildings, and equipment (nothing is leased or rented), which enables us to better serve your needs.

**Customer Satisfaction -** The result of Atlas' commitment to service, quality and reliability is customer satisfaction.

We are committed to making you a satisfied customer. The most important prerequisite of customer satisfaction is your communication to us before we start and your cooperation when we're underway. Tell us your needs and expectations. Chances are we are already prepared to meet them. If your needs are special, we will make every effort to satisfy them to minimize any inconvenience or disruption of your normal lifestyle. Help us exercise caution near open holes around your home. We will do our best to minimize the safety risk to you and visitors by keeping our excavations covered when we are not on site.

A foundation problem is one of the most serious problems you as a homeowner may ever face. Atlas' commitment to service, quality, reliability and customer satisfaction will turn a major problem into a minor inconvenience.

**DEAR HOMEOWNER**

To effect the repairs, we must resupport the foundation on concrete columns which we will hydraulically drive beneath the edge of the foundation perimeter. These columns, which are called pilings, serve two purposes.

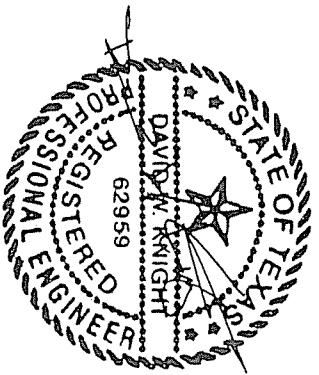
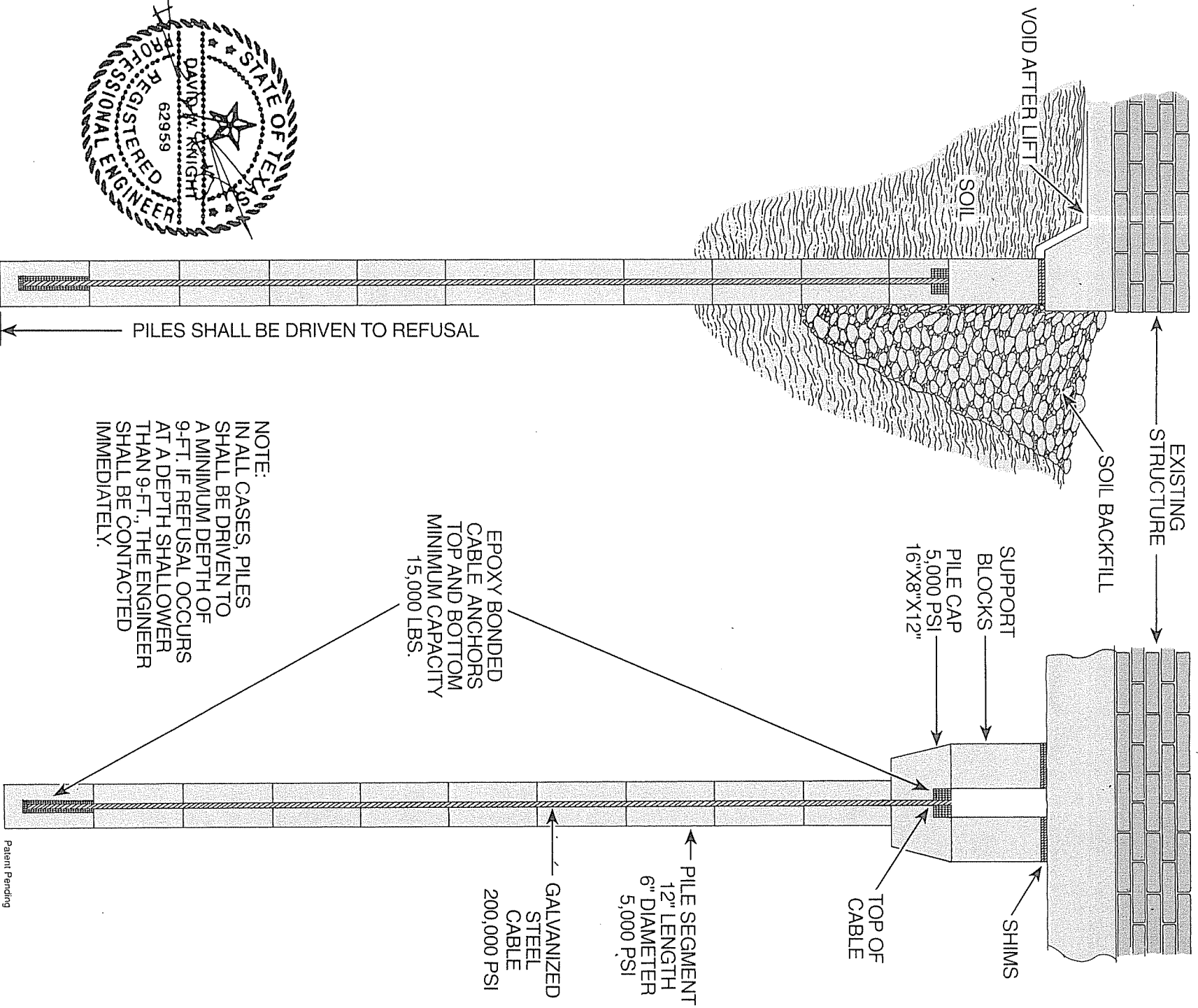
First, the pilings serve as platforms upon which we can set a jack to raise the settled portions of the foundation. Secondly, the pilings remove the weight of the building from the weaker, and often quite expansive, surface soils and transmit this weight to deeper soil strata which is both stronger and more stable. The process individually tests the bearing capability of the soil and concrete at each piling location.

The pilings are spaced from five to eight feet apart around the outside of the building. At each piling location, we will hand excavate (shovel) a hole approximately the size of a doormat, about 20" x 30". Any shrubs in the way will be transplanted off to the side. In areas such as patio and driveway areas we will have to jackhammer the 20" x 30" hole through the concrete to install the piling. At job completion, we will repour the areas we broke out. The patches are poured carefully to match the texture of the original as closely as possible, but will not match the color of the older concrete.

The largest piece of equipment that will be utilized in installing the piling is a wheelbarrow. No trucks or tractors will be wheeling past your front door. A small quiet hydraulic ram is used to drive the concrete segments until point of refusal. This assures us that the soil and concrete have sufficient strength to properly support the structure.

Once the pilings are in place the house can be leveled immediately. The leveling crew will raise the house to near original level, muddump a stabilizing soil slurry to fill the void, repour the concrete patches and replant the shrubs. We will need access inside the building during the leveling period to measure and monitor the raising of the slab.

# CableRock<sup>™</sup> FOUNDATION REPAIR



## QUESTIONS & ANSWERS

**Question** Is your home suffering from foundation problems?

**Answer** If your home is exhibiting symptoms of foundation problems; cracks in the walls, sticking or swinging doors, or sloping uneven floors, it may be in need of foundation repair. Atlas Foundation's experienced professionals can give you an accurate analysis of your home, and design the best possible foundation repair solution if needed.

**Question** Can you sell your house with a reduced price rather than repair the foundation?

**Answer** If you are financing the sale yourself, this poses no problem. Lending institutions generally will not close a loan without repairs being done or scheduled. State law imposes severe penalties for fraudently concealing a structural problem from a buyer.

**Question** Is your home less marketable as a result of foundation repairs?

**Answer** Quite the contrary: Generally, the foundation, after repairs, is considerably stronger than ever and appraisal values after repairs will be the same as if the problem had never developed.

**Question** How do you select a reputable contractor to repair your home's foundation?

**Answers** **No Contract Labor - Labor Paid Hourly** - Make sure he works for the company and is not paid piecemeal.

**Financial Commitment** - Does the contractor own or rent his equipment?

**Supervisors on Site** - Is the company large enough to provide full-time supervision?

**References** - Make sure references are not hand picked for you.

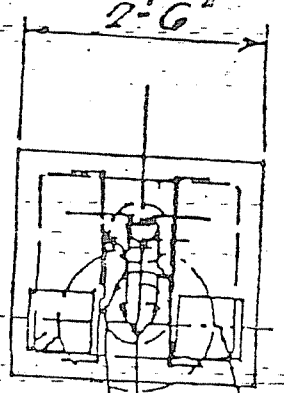
**Warranties** - Warranties are only as good as the company that offers them.

**Insurance and Bonding** - Ask for current insurance certificates.

8'-0" min. to approved bearing

2'-6"

PLAN



1 #3 T bar  
3 #4 REBAR

9" SHAST

8" x 8" x 12" min.  
Conc. block

Varies

10" min.  
1'-0" min.  
1'-6" min. if construction joint used.

2 #3 ties

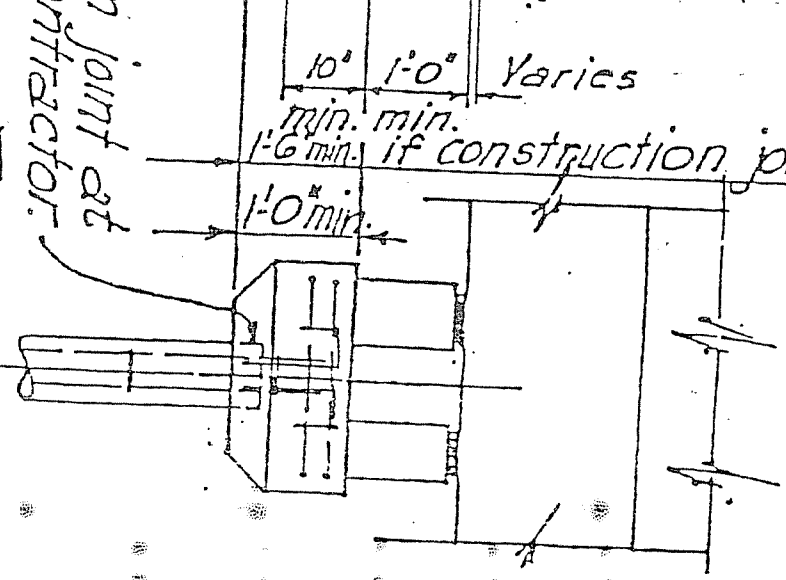
3 min.

8" min.

3 min.

Construction joint at  
option of contractor

FRONT VIEW



#2 ties @ 18" ctrs. max.

5 min.

1'-8" min.

SECTION

SIDE VIEW

TYPICAL GRADE BEAM  
LEVELLING DETAILS



**ATLAS FOUNDATION REPAIR COMPANY**  
 2835 Fay  
 Houston, TX 77023  
 (713) 641-4844

**AGREEMENT**

DATE 8-9-93

ATLAS FOUNDATION REPAIR CO., called the Contractor, and W. T. Holder, Owner, agree that for the sum of \$ 5400. of which \$ -0- in cash this day received, the balance to be paid one-half when work begins and the balance on completion.

Contractor will perform the following described work to the hereinafter described building or structure located at

1 Story brick Structure 414 Space Lake Street  
W. H. Mann City TX State 77336 (H) 524-1016 (W) 939-1130 @ 315 Telephone  
315 Zip

**1. REPAIR OPTIONS**

- A. Cable Lock Piling System
- Exterior  Interior
- B. Bell Bottom Piers
- Exterior  Interior
- C. Uretak Method
- Injection Points

**ASSOCIATED WARRANTY**

- Lifetime Unconditional (See Attached)
- Ten Year Unconditional.
- Lifetime Service Agreement (\$50.00 Per Pier Adjusted See attached)
- Four Year Unconditional
- Plus Six Years @ \$75.00 Per Injection (See Attached)

2. Additional cost for Independent Engineer to meet FHA requirements. \$ -0- Yes  No
3. Work permitted to meet local government requirements.
4. Contractor will fill void under slab by mud pumping a mixture of 2 1/2 sacks of cement to one cubic yard top soil.
5. Contractor will repair any damage to water and sewage lines caused by contractor. Pre-existing plumbing problems and deteriorated pipes will not be repaired by contractor.
6. Job site will be clean of all excess dirt and material.
7. Contractor liability insured for customers protection.
8. When inside supports are called for, Contractor will replace with plywood and screeds any hardwood that had to be cut.
9. Any existing builder's piers that ATLAS must cut loose, will be billed at \$40.00 each to be added to base price above.
10. ATLAS will temporarily remove plants and shrubs which obstruct support installation. All plants and shrubs will be replanted, but ATLAS does not guarantee nor are we responsible for continued longevity.
11. SPECIAL PROVISIONS: 1) Atlas does the subcontractors

2) Atlas: Expenses Only 29 Meters of 6" @ \$300 or  
laborer can be done at Atlas some price  
 IN FOUNDATION LEVELING, CONDITIONS MIGHT APPEAR WHEN WORK IS BEGUN THAT WERE NOT VISIBLE WHEN ESTIMATE WAS SUBMITTED, SUCH AS, INSUFFICIENT REINFORCING STEEL IN CONCRETE SLAB, AND/OR OTHER ORIGINAL FOUNDATION STRUCTURAL DEFICIENCY. IN SUCH CASES THE GUARANTEE BECOMES INVALID.

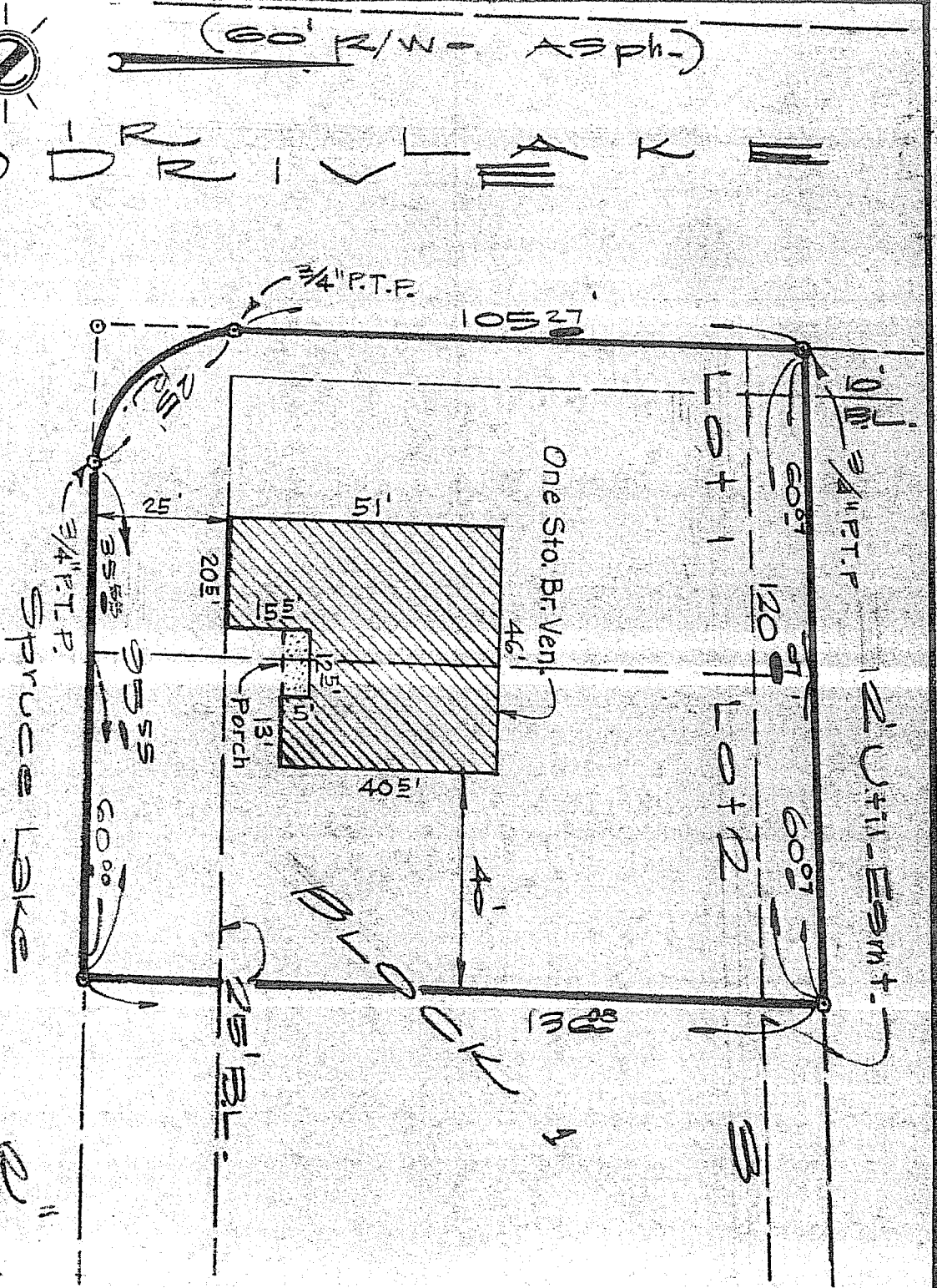
It is understood and agreed that in order to perform the above described work it is possible that the sheetrock, tile, brick, wallpaper, or other rigid materials may be damaged or need to be removed. The above figure does not include any redecorating, repairing, electrical work or the replacement of any materials not called for in this Agreement.

It is understood and agreed that the Contractor will furnish all the labor, equipment and material and will perform all the necessary work in connection with this job, in a good and workmanlike manner.

The Owner may order extra work to be done not contemplated by this Contract, in which event a separate Agreement for such work shall be entered into between the Owner and the Contractor. No oral representation made by anyone can change or modify this Agreement. This Agreement in order to be binding by both parties, must be signed in the space provided below, and the original copy returned to this office within 10 days from the date shown above.

PLEASE MAKE CHECKS PAYABLE TO ATLAS FOUNDATION REPAIR CO.

ATLAS FOUNDATION REPAIR CO. Paid \$6,300 or  
OK# 0099  
9-9-93  
 OWNER Bill Slam  
 BY Karl R. Kriesbaum Atlas



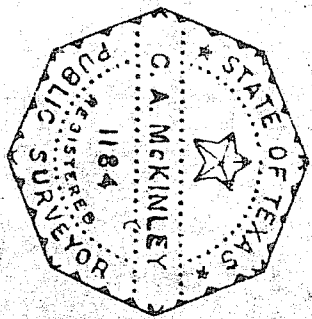
LOT 1 & LOT 2, BLK. 1 "LAKE SIDE MANOR" SEC. 1,  
 A SUBDIVISION IN THE FREDERICK H. RANKIN SURV.  
 ABST. 57, HARRIS COUNTY, TEXAS.  
 SCALE: 1" = 30 FT. DATE: 12-18-76.

TO ALL PARTIES INTERESTED IN TITLE TO PREMISES SURVEYED:

I CERTIFY THAT THIS IS A PLAT OF A LOT KNOWN AS  
 SPRUCE LAKE DR., THE PROPERTY OF THE SAID HOLDER, SHOWING  
 ALL OF IMPROVEMENTS AS SURVEYED BY ME ON THE GROUND DEC. 18, 1976, BEING  
 LOT 1 & LOT 2, BLK. 1, "LAKE SIDE MANOR" SEC. 1, A SUBDIVISION IN THE  
 F. H. RANKIN SURVEY, CORRECT MAP OF WHICH IS RECORDED IN VOL. 49, PGE. 39 OF THE  
 MAP RECORDS HARRIS COUNTY, TEXAS. THERE ARE NO ENCROACHMENTS ON THIS PROPERTY AT  
 THE TIME OF THIS SURVEY - AND ALL IMPROVEMENTS ARE WITHIN THE BOUNDARIES OF THIS PROPERTY.  
 CORNER STAKES WERE SET AT THE TIME OF THIS SURVEY  
 FIELD BOOK: 272, PAGE: 21,

REFERENCE: C.A.M.  
*[Signature]*

C. A. MCKINLEY REGISTERED PUBLIC SURVEYOR  
 LICENSE NO. 1184 STATE OF TEXAS.



HOLDER'S SITE

(TILSON)