

# Lifetime Warranty

US Foundation And Slab Repair is herein referred to as contractor. Contractor warranties all piers installed by contractor for the lifetime of the home, non-prorated and fully transferable. Warranty applies to piers installed only. Contractor reserves the right to be on premises to inspect all warranty piers and only contractor can do warranty work. If customer has work performed on same foundation without the consent of contractor, warranty is no longer valid. No claims or demands can be made against contractor without first giving contractor thirty (30) days notice in writing, whereas contractor can satisfy the warranty. Limited warranty on all partial pier work. Transfer of Warranty will require a new warranty to be issued in the new homeowners name. Company must be notified within 60 days or not valid. No charge for transferring warranty. For additional work, not a part of original warranty, will be offered at a fair marketable price. Registered warranty installation of 15 "A" residential piers installed on or about JULY 13, 1993 (date).

Sincerely,

*Wendy Jensen*

WENDY JENSEN

**US FOUNDATION**

AND

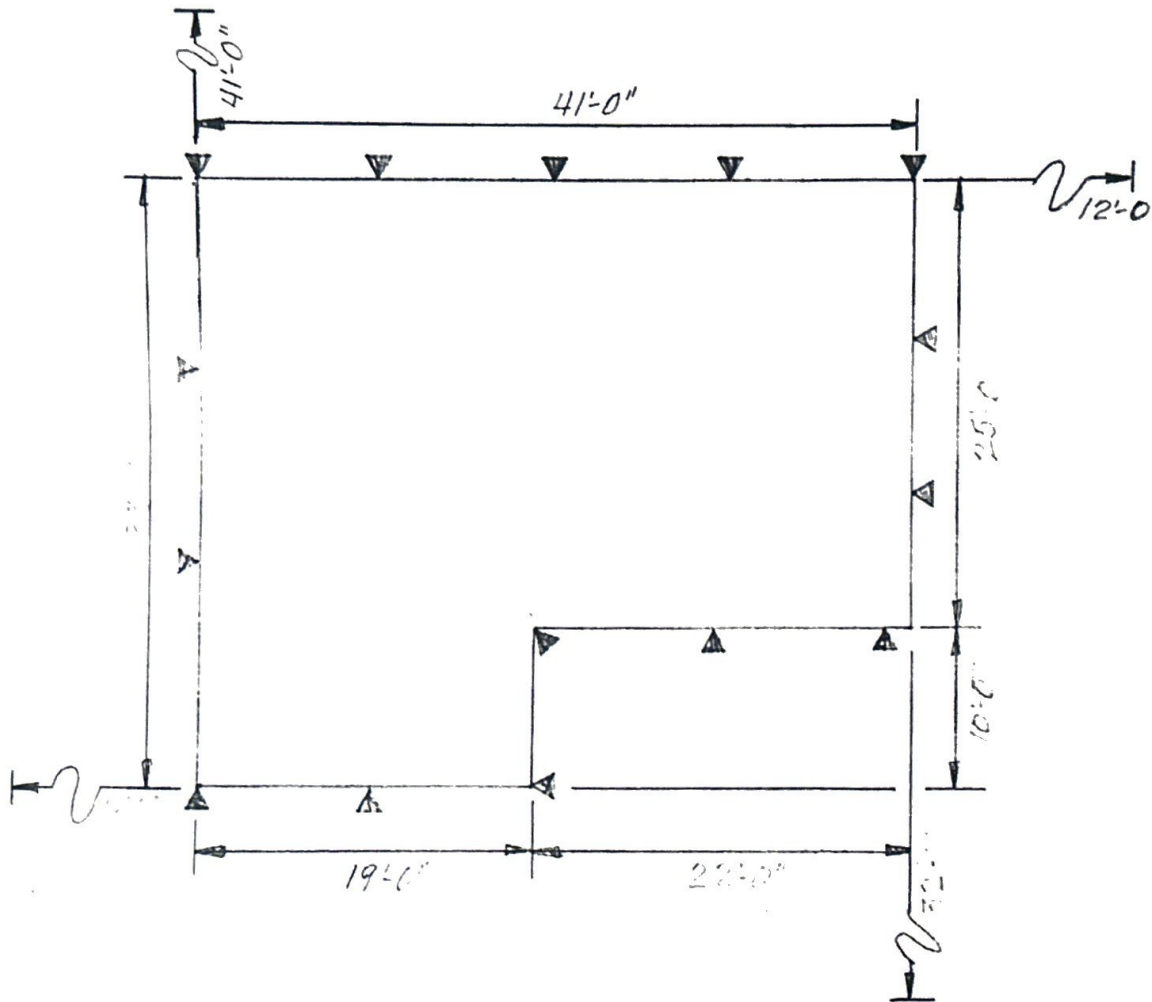
**SLAB REPAIR**

HOUSTON, TEXAS

PROJECT #070393-171

Warranty issued to:

MR. & MRS. ROLAND OTIS  
3610 WASHINGTON  
PASADENA, TX 77503



- ▶▶ DOUBLE SHAFT
- ▶ SINGLE SHAFT-15
- ▷ FUTURE PIERS

**GENERAL NOTES**

1. During jacking of the slab, additional piers maybe required depending on the physical conditions of the soil and the strength of the foundation beams.
2. All piers are per drawing.
3. Existing piers dovied to foundation shall be free before jacking. The work to be price negotiated.

**PROPERTY NOTES**

1. This plot plan is complete and all structures are shown.
2. Proposed foundation reinforcement does not encroach on adjoining properties.
3. Proposed construction will not extend onto basements without permission.
4. Affidavits from owners of adjacent properties are not required and no property restoration will be required.

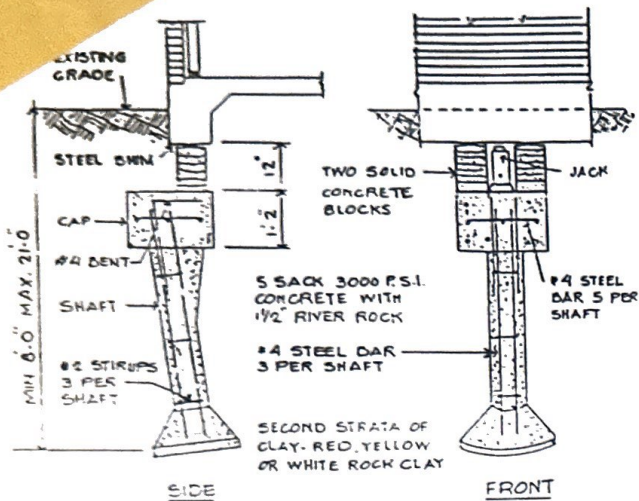
PROJECT #070393-171  
 HOME OWNER: ROLAND OTIS  
 ADDRESS: 3610 WASHINGTON  
 PASADENA, TX 77503  
 TEL. No. 477-6476  
 KEY MAP 537-G



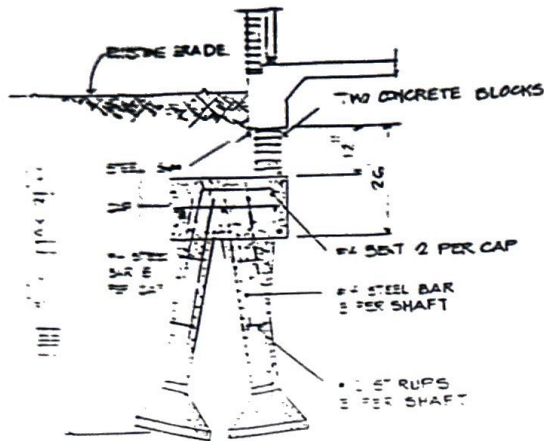
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**US FOUNDATION  
 AND  
 SLAB REPAIR**

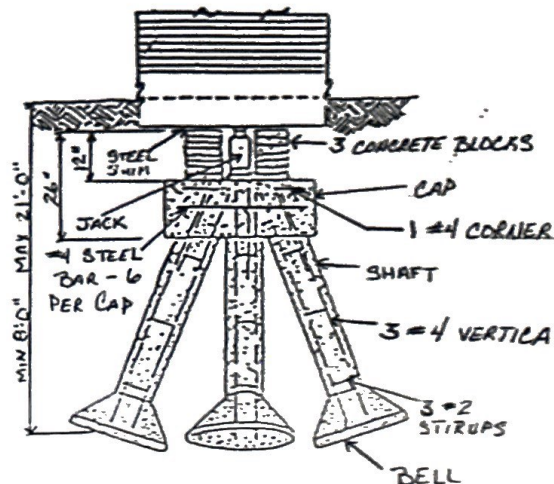
6214 EVERGREEN • HOUSTON, TEXAS 77081  
 sheet 1 of 2 (713)988-9099



DETAIL A  
SINGLE SHAFT



DETAIL B  
DOUBLE SHAFT



DETAIL C  
TRIPLE SHAFT

ALL DESIGN RIGHTS RESERVED BY  
U.S. FOUNDATION & SLAB REPAIR

FOUNDATION DETAILS			
PER	CAP	SHAFT	BELL
CONCRETE	26x26x12	24"	22"
WOOD			
STEEL			
SHIMS			

SPECIFICATIONS

SCOPE:

ALL REPAIRS AND/OR LEVELING OF CONCRETE STRUCTURES SHALL BE IN ACCORDANCE WITH THE CITY'S BUILDING CODE AND THE REQUIREMENTS DETAILED IN THIS SPECIFICATION.

PERMITS:

ALL NECESSARY PERMITS WILL BE OBTAINED FROM THE BUILDING OFFICIAL OF THE CITY.

FOOTINGS:

1. DRILLED FOOTINGS UNLESS OTHERWISE SHOWN ON THE DRAWING SHALL BE SPACED NOT MORE THAN 12'0" ON CENTERS FOR ONE STORY WOOD FRAME WITH WOOD SIDING AND NOT MORE THAN 10'0" ON CENTERS FOR ONE STORY BRICK OR TWO STORY WOOD FRAME WITH WOOD SIDING.

2. ALL FOOTINGS SHALL BE DRILLED TO A BEARING SOIL LEVEL OF 3,000 PSF MINIMUM. THE BOTTOM OF THE DRILLED SHAFT SHALL NOT BE LESS THAN 8'0" BELOW NATURAL GRADE OR AS SHOWN ON THE DRAWINGS.

REINFORCING STEEL:

3. REBARS FOR DRILLED SHAFTS SHALL BE PLACED NO CLOSER THAN 3" NO MORE THAN 6" FROM THE BOTTOM OF THE REAMED BELL AND SHALL EXTEND NO CLOSER THAN 2" BELOW THE TOP OF THE FOOTING CAP.

4. SPLICES OF THE SHAFT VERTICAL REBARS SHALL NOT BE LESS THAN 1'5" WHERE REQUIRED IN REACHING ADEQUATE SOIL.

CONCRETE:

5. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI WITH A MAXIMUM AGGREGATE SIZE OF 1 1/2".

6. SOLID CONCRETE JACKING BLOCKS SHALL BE 8"x8"x12" MADE WITH A NORMAL COMPOSITION CONCRETE OF 3,000 PSI STRENGTH.



GENERAL NOTES

STEEL SHIMS:

ALL METAL SHIMS USED SHALL BE 3"x4" WITH SMOOTH EDGES AND CLEAN OF RUST OR PAINT. SHIMS SHALL BE PLACED TIGHT IN ALL PIERS PRIOR TO JACKING THE SLAB. \*ALL SHIMS TO BE OF CARBON STEEL.

DRILLED PIERS:

DRILLED PIER SHAFTS SHALL NOT BE MORE THAN 15° OF VERTICAL. SOIL SHALL BE CAREFULLY EXAMINED TO INSURE THAT AN ADEQUATE BEARING STRATA HAS BEEN REACHED. ALL LOOSE MATERIALS SHALL BE REMOVED AND ALL WATER PUMPED OUT PRIOR TO PLACING THE CONCRETE.

CONCRETE:

CONCRETE SHALL HAVE A SLUMP OF NOT LESS THAN 4" AND NOT MORE THAN 7" CONCRETE MUST BE ALLOWED TO CURE A MINIMUM OF 4 DAYS AND MAXIMUM OF 7 DAYS. THE CONCRETE IN THE PIERS IS TO BE POURED IN ONE CONTINUOUS POUR SUCH THAT NO COLD JOINTS BETWEEN PEDESTAL AND SHAFT ARE MADE AT ANY TIME.

REINFORCING STEEL:

THE REBARS FOR THE SHAFT AND THE REBARS OF THE PIER TOP SHALL BE TIED BEFORE PLACING IN THE EXCAVATION. ONCE PLACED IN THE EXCAVATION THEY SHALL BE TIED SECURELY. A MINIMUM OF 3" CLEARANCE IS TO BE MAINTAINED AT ALL TIMES BETWEEN THE REBARS AND THE SOIL.