

CITY OF HOUSTON PLANNING & DEVELOPMENT DEPARTMENT BUILDING PERMIT

Applicant, by the making, execution and submitting of application to the Planning & Development Department of the City of Houston, Texas represents and warrants that the proposed construction described in said application is not in violation of or contrary to any deed restriction or covenant running with the land relating to the addition or subdivision, if any, in which the herein described lot, tract or parcel of land is situated.

The applicant further represents and warrants to the City of Houston, Texas and to all property owners lying and situated within the addition or subdivision in which the herein tract of land is situated, that such application, and the erection of the herein described construction and the eventual use thereof will not be used for any purpose which is prohibited by the deed restrictions or covenants running with the land within such subdivision or addition.

Applicant accepts this building permit subject to the foregoing representation and warranties and agrees that should such construction or use be in violation of any deed restrictions or covenants running with the land that such building permit shall automatically become void and of no effect without the necessity of any action on the part of the City of Houston, Texas or any property owner.

DATE 04/01/93		RECEIPT NO. 1417812			PROJ. TYPE		PROJECT NO. 93024306	
OCCUPANT KARHU VICTOR				SPRINKLERS % TYPE		TID NO. 100 153 000 000 7		
ADDRESS 12043 SELA LN				SPACE		OCC GP 5 R3N		
CITY HOUSTON		ZIP CODE 77072	COUNTY HARRIS	BLDGS	UNITS	STORY 1	ZONE 10	PHONE 713-988-6507
APPLICANT US FOUNDATION AND SLAB REPAIR				LIC. NO. 076				
USE RESIDENTIAL FOUNDATION REPAIR				APA CHRG		\$35.00		

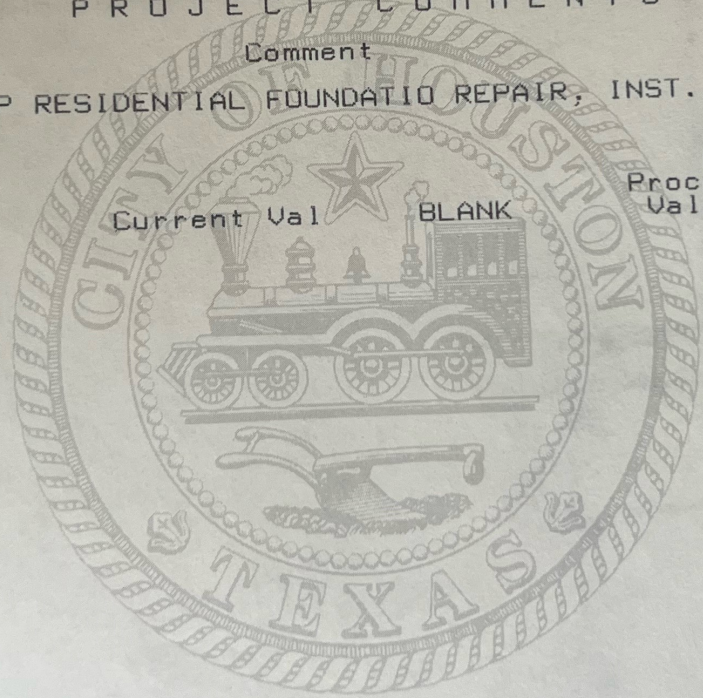
13 BUILDING PERMIT

PROJECT COMMENTS

Date	Department	Comment	S.D.	EXIST
04/01/93	STRUCTURAL P	RESIDENTIAL FOUNDATIO REPAIR, INST. 24 PIERS.		35.00
BUILDING	PMT		TOTAL FEE	
			Permit Fee	30.00
			Processing Fee	5.00
			Valuation Fee	30.00

VALUATION

Current Val BLANK



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 23 "A" 1 "C" piers installed on or about April 5, 1993 (date).

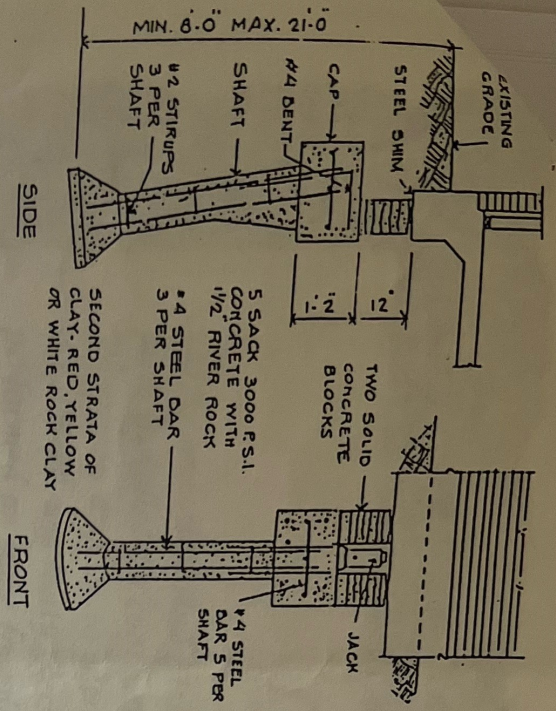
Sincerely,

Wendy Jensen
WENDY JENSEN

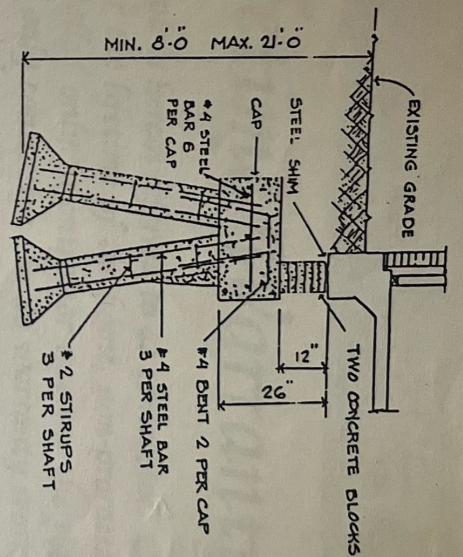
US FOUNDATION
AND
SLAB REPAIR
HOUSTON, TEXAS
PROJECT #033193-158

Warranty issued to:

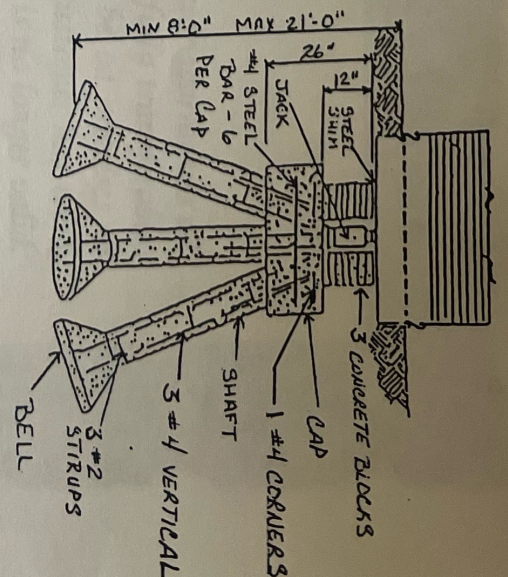
MR. VICTOR KARHU
12043 SELA
HOUSTON, TEXAS 77072



DETAIL A
SINGLE SHAFT



DETAIL B
DOUBLE SHAFT



DETAIL C
TRIPLE SHAFT

SPECIFICATIONS

SKYLINE:
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.
 3. REINFORCING STEEL:
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.
SPICES OF THE SHAFT VERTICAL REBARS SHALL NOT BE LESS THAN 1'5" WHERE REQUIRED IN REACHING ADEQUATE SOIL.

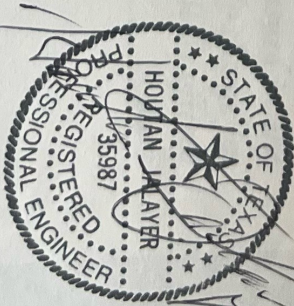
CONCRETE:
CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI WITH A MAXIMUM AGGREGATE SIZE OF 1 1/2".
SOLID CONCRETE JACKING BLOCKS SHALL BE 8"x8"x12" MADE WITH A NORMAL COMPOSITION CONCRETE OF 3,000 PSI STRENGTH.

ALL DESIGN RIGHTS RESERVED BY
US FOUNDATION & SLAB REPAIR

FOUNDATION DETAILS			
PIER	CAP	SHAFT	BELL
SINGLE	26" X 26" X 26"	9"	22"
DOUBLE	30" X 30" X 26"	9"	22"
TRIPLE			
MINI			

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 INCHES. CONCRETE MUST BE ALLOWED TO CURE A MINIMUM OF 4 DAYS AND MAXIMUM 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



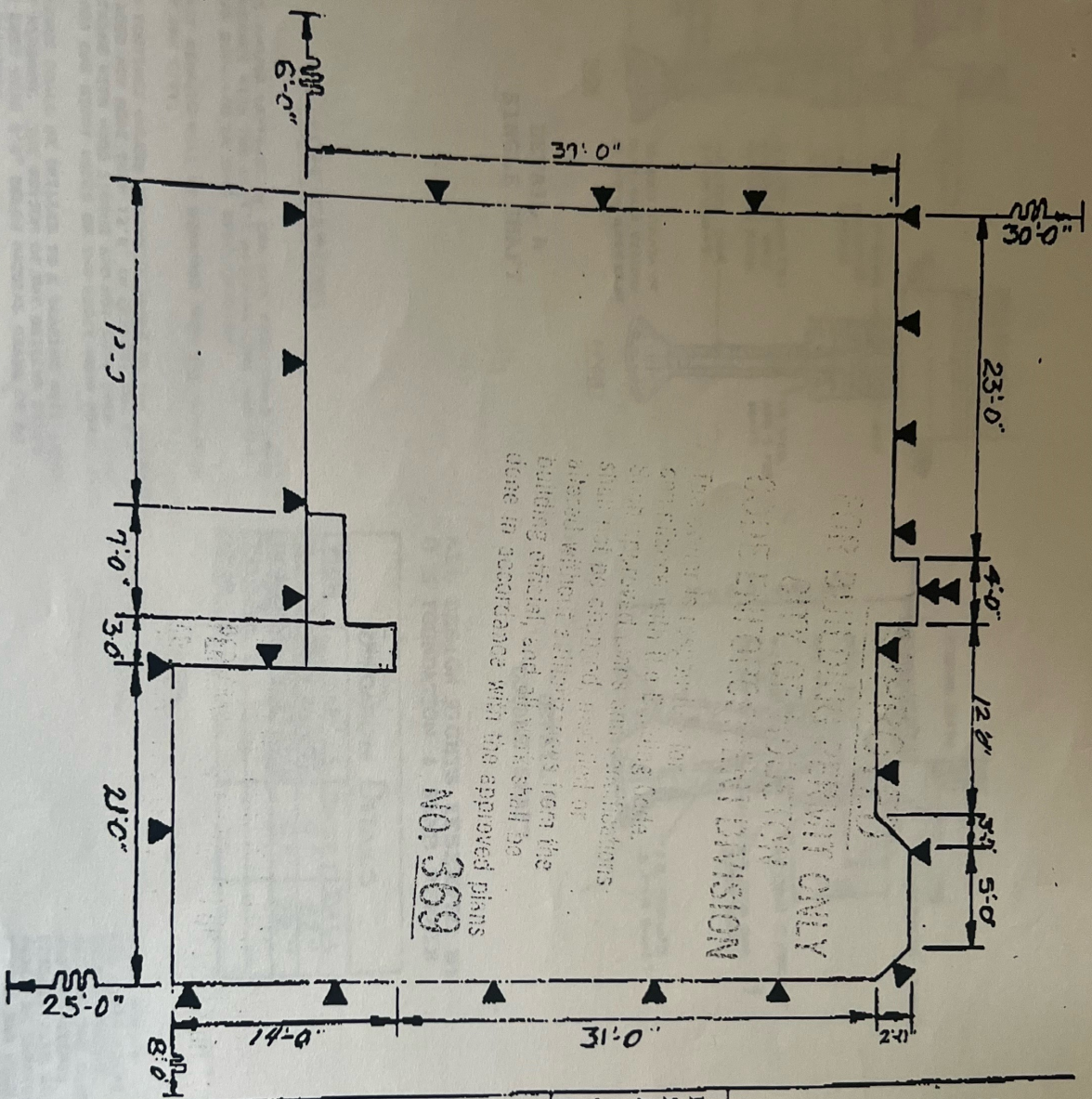
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TO:

P02

DOUBLE SHAFT-1
SINGLE SHAFT-23



FOR THE CITY OF HOUSTON ONLY
 CITY OF HOUSTON
 CONSTRUCTION DIVISION

The contractor shall be responsible for obtaining all necessary permits and approvals from the building official, and all work shall be done in accordance with the approved plans.

NO. 369

**US FOUNDATION
 AND
 SLAB REPAIR**

6214 EVERGREEN • HOUSTON, TEXAS 77004



4.1.13

PROJECT #033193-158
 HOME OWNER: VICTOR KARRHU
 ADDRESS: 12043 SELA
 HOUSTON, TX 77072
 TEL. NO. 530-7890
 KEY MAP 529-J

- GENERAL NOTES**
1. During section of the slab, additional plans may be required depending on the physical conditions of the soil and the strength of the foundation base.
 2. All plans are per drawings. Foundation shall be 3. Existing plans divided by design/section. The work to be price design/section before sectioning.
- PROJECT NOTES**
1. This plot plan to complete and all structures are shown.
 2. Proposed foundation reinforcement does not encroach on adjoining properties.
 3. Proposed construction will not extend into historic without permission.
 4. All details from owners of adjacent properties are not required and as property restoration will be required.