



Construction  
Industries Division  
STATE OF NEW MEXICO  
Environment  
Department

APPLICATION FOR PERMIT  
TO INSTALL, MODIFY OR REPLACE  
AN INDIVIDUAL WASTE SYSTEM

NMED inspection required  Yes  No

Date NMED Received: 4/8/97

NMED PERMIT NUMBER  
TA970041  
CO PERMIT NUMBER

DIRECTIONS: All sections must be filled out completely. You must obtain NMED and CID/MHD permits prior to installing any system.

SYSTEM OWNERS NAME - Last, First, Middle HOME PHONE BUSINESS PHONE

MAILING ADDRESS - Street/P.O.Box, City, State, Zip Code

LOCATION OF SYSTEM - Street Address, and directions to site (attach map if needed)

SUBDIVISION BLOCK LOT UNIFORM PROPERTY CODE

TOWNSHIP RANGE SECTION QTR QTR QTR LONGITUDE LATITUDE

INSTALLER'S NAME & FIRM PHONE

MAILING ADDRESS - Street/P.O.Box, City, State, Zip Code

CID License No. and Certification MM-1 MM-98 MS-1 MS-3 HOMEOWNER

I. PERMIT APPLICATION (Instructions on back of page)

A. Application is for a:  New System  Modification  Replacement

B. Manufactured Housing (mobile):  Yes  No

C. System is:  Conventional  Alternative  Holding Tank (vault)  Other

D. Includes:  Verification of plat date  Variance Application  Plans with Engineer Seal  Other

II. WASTEWATER SOURCES & DESIGN FLOWS IN GALLONS PER DAY (GPD)

A. Proposed liquid waste system use and design flow:

single family; number of bedrooms 3; number bedrooms per unit 375 gpd

multiple family; number of units 3; flow sizing units 375 gpd

other (type) 3; flow sizing units 375 gpd

B. Are there other wastewater sources on this property?  Yes  No.

If yes: flow 375 gpd TOTAL SEWAGE FLOW ON PROPERTY = 375 GPD

NMED retain white copy, CID/MHD yellow, homeowner pink

III. SITE INFORMATION

A. Lot Size .9458 acres or 412 square feet Date of Record 1/1/97 plat or subdivision date

B. Check all of the following which appear on property:

Surface water  Rock outcrops  Wells

Slope over 15%  Caliche  Irrigation areas or ditches

C. Depth from ground surface to:

Top of seasonal High Water Table 100 feet

Bedrock, caliche, tight clay 100 feet

Gravel, Cobbles or highly permeable clays 100 feet

D. Soil type (See instructions under III. Site Information on back of page.)

Coarse sand or gravel; percolation rate - 100 (min./in.)

Fine sand 100 Sandy loam or Sandy clay

Clay with considerable sand or gravel  Clay with small amount of sand or gravel

Other: percolation rate 100 (min./in.)

E. Water source:  On-site  Off-site (more than 100 feet from lot)

Private  Public  Shared

IV. SYSTEM DESIGN

A. Treatment Unit:  Septic Tank  Other, specify SILVA

Size: 1200 gallons Manufacturer: SILVA

B. Disposal system:  Trench  Bed  Seepage pit

Other: specify 250 square feet

Minimum required absorption area 250 square feet

Trench/Bed dimensions:

$2 \text{ ft.} + 240 \text{ ft.} \times \left( \frac{60 \text{ ft.}}{\text{width}} + \frac{\text{length}}{\text{width}} \right) = 360$  total square feet

Depth of gravel below distribution pipe = 3 (in. or ft.)

Gravelless Systems:

Type 3 Size 3 No. of units 3 or length 3 ft.

Seepage Pits:

Number of Pits 3

Width 3 ft. Length 3 ft. Depth 3 ft. Absorption area 3 sq. ft.

Distance from ground surface to bottom of absorption area 3 ft.

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**V. SITE PLAN.** Use this sheet or attachment. Diagram the lot and the liquid waste system. Show setback distances to objects in Table 3. Include the following landmarks within 200 feet of the system:

- a. property lines and dimensions of parcel where system is to be located
- b. proposed and existing buildings, other structures, driveways, waterlines and wells
- c. location of proposed wastewater system on property with its replacement area
- d. location of all other wastewater systems on property
- e. any surface water, streams, irrigation, canals, arroyos, rock outcrops or steeply sloping areas
- f. direction of groundwater movement

Give distance from the treatment unit to:

Property line \_\_\_\_\_ ft.  
 \_\_\_\_\_ ft.

Building & Structures \_\_\_\_\_ ft.

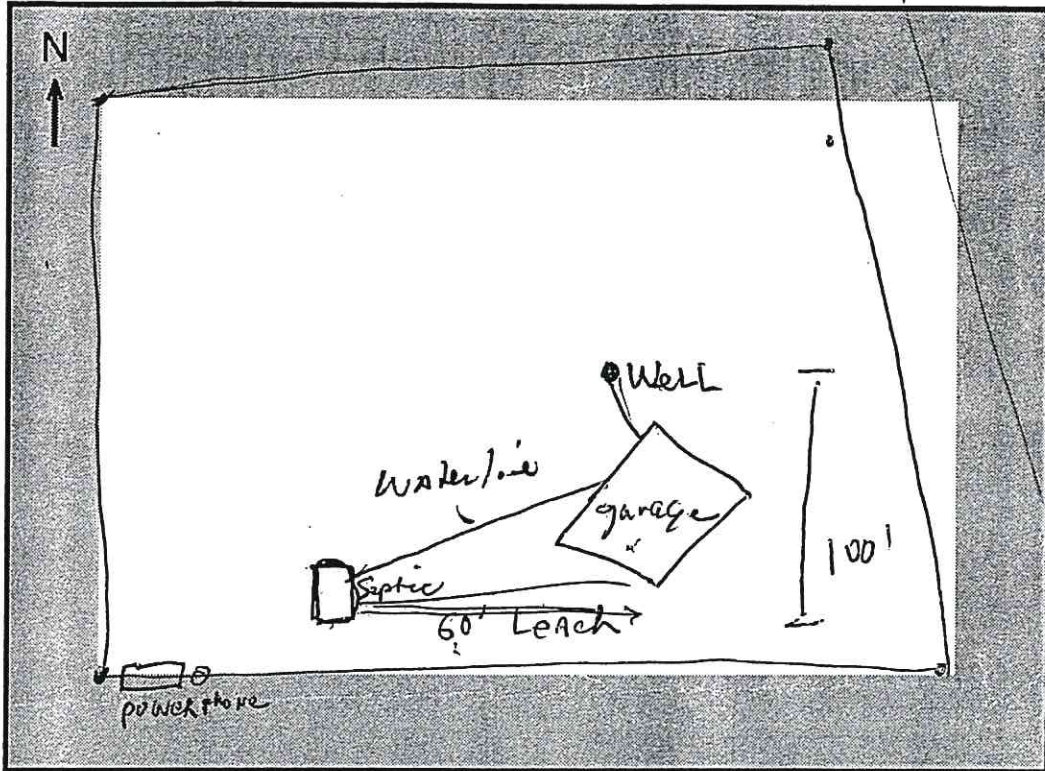
Well(s) \_\_\_\_\_ ft.

Irrigation ditches & areas \_\_\_\_\_ ft.

Arroyos \_\_\_\_\_ ft.

Surface water \_\_\_\_\_ ft.

Rock outcrops \_\_\_\_\_ ft.



Give distance from the disposal system & replacement area to:

Property line / 20 ft.  
 \_\_\_\_\_ ft.

Building & Structures 20 ft.

Well(s) 100 ft.

Irrigation ditches & areas \_\_\_\_\_ ft.

Arroyos \_\_\_\_\_ ft.

Surface water \_\_\_\_\_ ft.

Rock outcrops \_\_\_\_\_ ft.

**NOTICE:** Any changes made in design after NMED issues a permit must be approved by NMED prior to installation.

**VI. APPLICATION**

The foregoing information is correct and true to the best of my knowledge. I understand that the issuing of this permit does not relieve me from the responsibility of complying with all applicable provisions of the New Mexico Plumbing Code and the New Mexico Liquid Waste Disposal Regulations. Obtaining this permit does not relieve me from the responsibility of obtaining any permit required by state, city or county regulations or ordinances or other requirements of state or federal law.

Owner  Contractor  Other Robert D. Warrick 04.08.97  
 Signature Date

**VII. NMED PERMIT.** A permit for construction of the liquid waste disposal system described herein is hereby:

granted  granted subject to conditions (cite regulations)  denied (cite regulations)  
 Reasons for  Conditions or  Denial

Failure to meet any conditions specified voids this permit and is subject to enforcement.  
Jane M. Collier  
 NMED Signature

4/11/97  
 Date

**CID/MHD PERMIT.** There is a fee for a CID/MHD permit and inspection. A permit for the construction of the liquid waste permit described herein is by:

granted  granted subject to conditions (cite regulations)  denied (cite regulations)

\_\_\_\_\_  
 CID/MHD Signature Date

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 DISTRICT II  
 FIELD OFFICE



# PERCOLATION TEST RECORD FOR INDIVIDUAL LOTS

OWNER'S NAME - Last, First and Middle <b>WARNOCK, ROBERT DUANE</b>	HOME PHONE <b>758-5823</b>	BUSINESS PHONE <b>758-0454</b>
MAILING ADDRESS - Street/P.O. Box, City, State and Zip Code <b>BOX 7418 NDCBU, TAOS, NM 87571</b>		
LOCATION OF PROPERTY		

### Test Hole Number 1

Depth of hole 45"

Time	Distance to Top of Water	Actual Water Level Drop
12:00	32"	
12:10	34 1/2"	2 1/2"
12:20	34 1/4"	2 1/4"
12:20	Rif. to 32"	
12:30	34"	2"
12:40	36"	2"
12:50	37 3/4"	1 3/4"
12:50	Rif. to 32"	
1:00	33 1/2"	1 1/2"
1:10	35"	1 1/2"

### Test Hole Number 2

Depth of hole 46"

Time	Distance to Top of Water	Actual Water Level Drop
12:00	32"	
12:10	35"	3"
12:20	37 3/4"	2 3/4"
12:20	Rif. to 32"	
12:30	34 1/2"	2 1/2"
12:40	36 3/4"	2 1/4"
12:50	38 1/2"	1 3/4"
12:50	Rif. to 34"	
1:00	39 3/4"	1 1/4"
1:10	41 1/4"	1 1/2"

### Percolation Rate

$$\text{Percolation rate} = \text{Time interval used, in minutes} \div \text{Last water level drop, in inches}$$

Test Hole Number 1 :  $\frac{\text{minutes}}{\text{inches}} = \frac{10}{1 1/2} \text{ min/in}$

Test Hole Number 2 :  $\frac{\text{minutes}}{\text{inches}} = \frac{10}{1 1/2} \text{ min/in}$       Average 6.7 min/in

Test completed by: Robert Duane Warnock      Date: 04-07-97

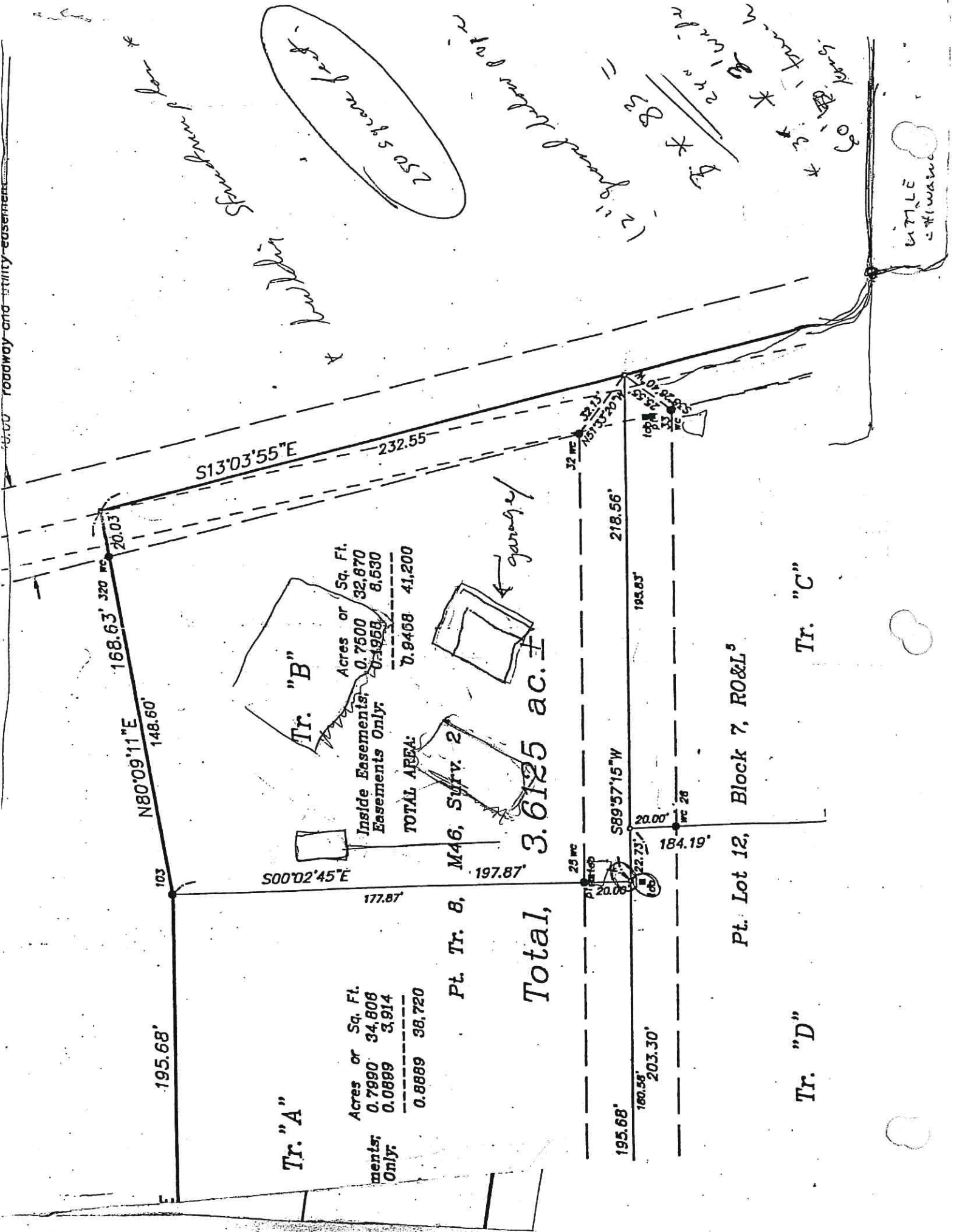
Owner     
  Contractor     
  Other -specify \_\_\_\_\_

Report reviewed by: \_\_\_\_\_

Date: \_\_\_\_\_

Title: \_\_\_\_\_

6.00 Roadway and Utility easement



Tr. "A"

Acres or Sq. Ft.
0.7990
34,808
0.0899
3,914
0.8889
38,720

Tr. "B"

Acres or Sq. Ft.
0.7500
32,870
0.1958
8,630
0.9458
41,200

Pt. Tr. B, M46, Surv. 2

Total, 3.6125 ac. ±

Tr. "D"

Pt. Lot 12, Block 7, RO&L<sup>s</sup>

Tr. "C"

S13°03'55"E

168.63' 320 WC

N80°09'11"E 148.60'

195.68'

S00°02'45"E

177.87'

197.87'

25 WC

S89°57'15"W

218.56'

195.68'

180.59'

203.30'

22.73'

184.19'

193.83'

32 WC

S10°04'55"E 195.68'

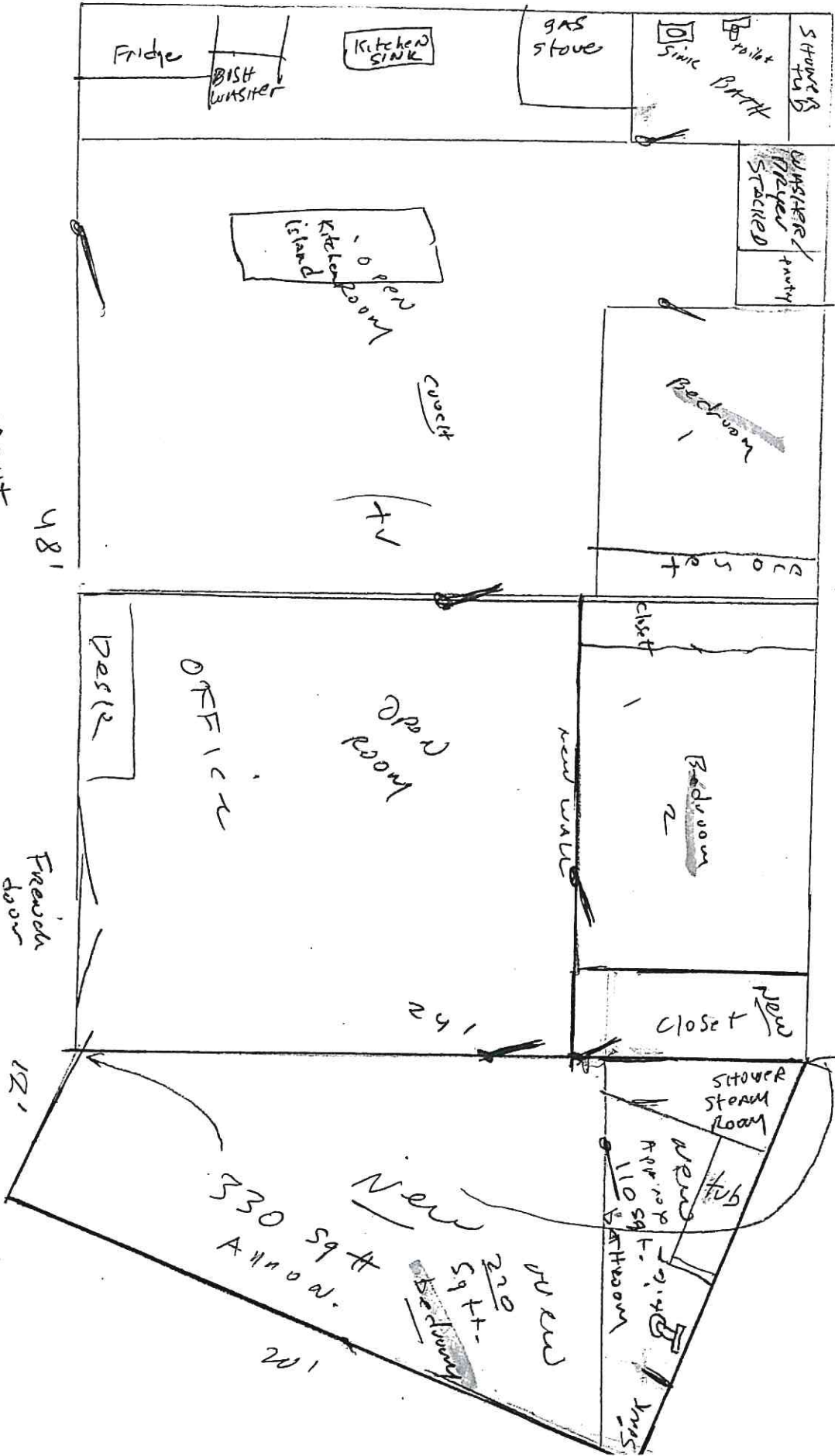
Little = #1 water

Share of land

250 square feet

12 ground below area

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OCT 12 2018

NMED  
Taos Field Office

AMENDED

