LE NO. 489

# CITY OF LINCOLN NEBRASKA

DEPARTMENT OF LICENSES AND PERMITS

NDIVIDUAL SEWAGE SYSTEM CONSTRUCTION

TYPE OF LICENSE OR PERMIT

January 17, 1975

THIS LICENSE OR PERMIT EXPIRES

Donald L. Madsen

LICENSEE OR PERMITTEE

1231 Wells Ct. #36

ADDRESS

T9N; R7E; Sec. 28, Lot SW1/4

NAME OF ESTABLISHMENT, IF ANY

LEGAL DESCRIPTION

ADDRESS

REMARKS: NON-TRANSFERABLE

| PERMIT | INSPECTION FEE | OCCUPATION TAX | LICENSE | TOTAL |
|---|---|---|---|---|
| $ 30.00 | $ | $ | $ | $ 30.00 |

| ACCOUNTING NO. | ACCOUNTING NO. | ACCOUNTING NO. | CODE |
|---|---|---|---|
| 624-110.15 | 110.16 | 148.14 | 6-2 |

| SERIAL NO. | DATE | AMOUNT |
|---|---|---|
| | | |

VALID RECEIPT ONLY IF MACHINE RECEIPTED IN THIS SPACE

APPLICATION

THIS LICENSE OR PERMIT IS ISSUED SUBJECT TO REVOCATION AS PROVIDED BY LAW

COPY

COPY - ORIGINAL MAILED JUNE 20 1974

FORM HD-40(73) REQUEST FOR SITE CLEARANCE FOR INDIVIDUAL SEWAGE DISPOSAL SYSTEM

City Ordinance No. 9150 [ ]
County Resolution No. 2832 [X]

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502 (Phone: 475-6221)

FILE NO._____

TO: Division of Environmental Health
Lincoln-Lancaster County Health Dept.

DATE: June 20, 1974

The undersigned hereby requests SITE CLEARANCE to construct an Individual Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein: Starting a S¼ Corner, then West 659.12 ft. to point of beginning, then West 329.56 ft. then North 707.1 ft. then East 329.56 ft. then South 707.1 ft. to point of beginning, this being the third lot West of the S¼ Corner. All property lines parallel to Section Lines.

1. Legal description of property: Twp. T9N ; Range R7E ; Section 28, Lot in SW¼ Block NA ; Lot NA ; Addition NA
Street Address NA

2. Property Use: Residential [X] ; Commercial [ ]
No. of Bedrooms 4 . Describe:
Other Use [ ]
Describe:

3. Type of Individual Sewage Disposal System: Septic Tank [X] ; Other [ ]

4. Distance to public sewer: Approx 20,000 ft.

Donald L. Madsen
Signature of Applicant (Owner or Lessee)

1231 Wells Ct. #36
Lincoln, Nebraska 68505
Address

(Do not write below this double line)

REVIEWING ACTION

1. Health Department: Date Rec'd._____. ACTION: Approved [ ] Disapproved [ ]
Date Frwd._____. Signature:_____

2. Supt. Bldg. Insp.: Date Rec'd._____. ACTION: Approved [ ] Disapproved [ ]
Date Frwd._____. Signature:_____

3. City or County Engineer: Date Rec'd._____. ACTION: Approved [ ] Disapproved [ ]
Date Frwd._____. Signature:_____

REMARKS OR REASONS FOR DISAPPROVAL_____

White: Health Dept. Copy
Yellow: Engineers Copy
Pink: Bldg. Inspector's Copy

FORM HD-33(67) SOIL ABSORPTION TEST DATA REPORT
(Annex to Application)
(Reference: City Ordinance No. 9150)

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502 (Phone 475-6221)

FILE NO. _____

PROPERTY WHERE SOIL TESTED:
Location: Township T9N R7E
Section & ¼ Sect. 28 SW¼
Property Dimensions: 707.1 ft. x 329.56 ft.
Area: 5.35 acres. (Attach sketch of property showing hole location).
Soil Type: Silty Clay [X]; Silty Clay Loam [X]; Sandy Loam [ ]
Silty Loam [ ]; Clay Loam [ ]; Sandy Clay [ ]

Owner: Donald L. & Beverly J. Madsen
Address 1231 Wells Ct. #36
Lincoln, Nebraska 68505

Dates of Tests: Holes 1, 2, 3 June 19 to 20, 1974
4, 5, 6, 7, 8, 9, June 23 to 26, 1974. Weather: Precip. none Temp. 85 none 105F

PERCOLATION TEST DATA TABLE

| a. | b. | c. | d. | e. | f. | g. | h. | i. | j. | k. | l. | m. | n. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Pre-Saturation Period | | | | Percolation Readings | | | | | Results | | |
| | | Start | | End | | Start | | | End | | | | |
| Hole No. | Hole Depth (in.) | Date (Mo. Day) | Time (Hr. Min.) | Date (Mo. Day) | Time (Hr. Min.) | Date (Mo. Day) | Time (Hr. Min.) | Water Level (in.) | Time (Hr. Min.) | Water Level (in.) | Elapsed Time (Min.) | Water Level Drop (in.) | Percolation Rates (Min./inch) |
| 1 | 36 | 6-19 | 1:00 | 6-20 | 1:00 | 6-20 | 1:00 | 6.0 | 5:00 | 5.0 | 30 | 1.0 | 30 |
| 2 | 34 | 6-19 | 1:00 | 6-20 | 1:00 | 6-20 | 1:10 | 6.0 | 5:10 | 4.0 | 30 | 2.0 | 15 |
| ~~3~~ | ~~34~~ | ~~6-19~~ | ~~1:00~~ | ~~6-20~~ | ~~1:00~~ | ~~6-20~~ | ~~1:20~~ | ~~6.0~~ | ~~5:20~~ | ~~0.5~~ | ~~30~~ | ~~5.5~~ | ~~5.5~~ |
| ~~4~~ | ~~37~~ | ~~6-22~~ | ~~3:00~~ | ~~6-24~~ | ~~10:30~~ | ~~6-24~~ | ~~11:00~~ | ~~6.0~~ | ~~3:00~~ | ~~5.8~~ | ~~30~~ | ~~0.2~~ | ~~150~~ |
| 5 | 36 | 6-22 | 3:10 | 6-24 | 10:30 | 6-24 | 11:10 | 6.0 | 3:10 | 5.5 | 30 | 0.5 | 60 |
| 6 | 36 | 6-22 | 3:20 | 6-24 | 10:30 | 6-24 | 11:20 | 6.0 | 3:20 | 5.25 | 30 | 0.75 | 40 |
| 7 | 39 | 6-22 | 3:30 | 6-24 | 10:30 | 6-24 | 11:30 | 6.0 | 3:30 | 4.9 | 30 | 1.1 | 27 |
| 8 | 42 | 6-24 | 6:00 | 6-26 | 9:30 | 6-26 | 9:50 | 6.0 | 1:50 | 5.1 | 30 | 0.9 | 33 |
| 9 | 42 | 6-24 | 6:15 | 6-26 | 9:30 | 6-26 | 10:00 | 6.0 | 2:00 | 5.4 | 30 | 0.6 | 50 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |

Sum of Percolation Rates 410.5
Average of Rates: 45.6
Mean of Rates:

Donald L. Madsen
Signature of Person Conducting Test
1231 Wells Ct. #36
Address Lincoln, Nebraska 68505
Phone: 464-7073

Average of Rates for East Field 32.0
Average of Rates for West Field 42.3
Holes #3 and #4 are not included in seepage fields or Average perculation rates.

(Do not write below this line)

REVIEWING ACTION

REMARKS: _____

Approved Percolation Rate(s)
A. _____ min./inch
B. _____ min./inch
C. _____ min./inch

DATE: July 17, 1974

Gerrold C. Hood
Signature of Reviewing Official

FORM HD- 45(73) PLANS & SPECIFICATIONS
SEWAGE DISPOSAL SYSTEM

(Annex to Application)
City Ordinance No. 9150 [ ]
County Resolution No. 2832 [X]

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502 (Phone: 475-6221)

FILE NO. _____

## SPECIFICATIONS

DATE: July 15, 1974

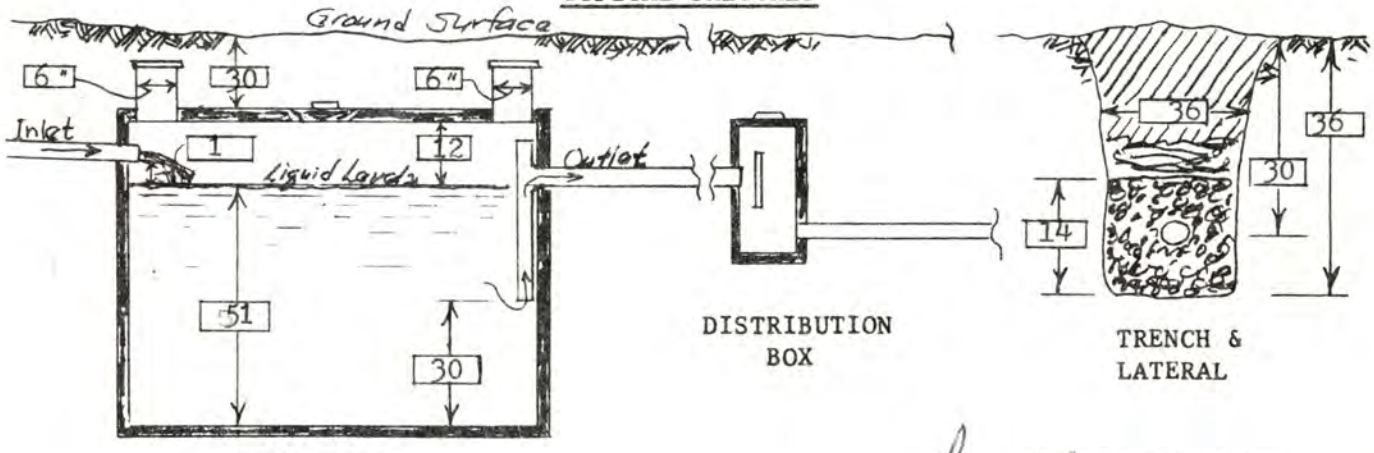
A. BUILDING SEWER: Note:two systems
1. Material C.I. ; Diameter 4 in.
2. Distance above basement floor — in.; or below basement floor 18 in.
3. Distance between dwelling and septic tank 15 ft.
4. Number of clean-outs 3 .
5. Distances To:
Well or Suction Line 100 ft.;
Dry Stream 135 ft.; Pressure Line 20 ft.;
Property Line 108ft.

B. SEPTIC TANK (Provide construction drawings.)
1. Material concrete No. of compartments one ✓ 2 Tanks, 1000 Gal + 600 Gal.
2. Capacity 1600 gals.; Liquid depth 51 in.
3. Factory Built: Yes [X] (Company Pre-Cast) Step Co.
No [ ]
4. Manholes: Over Inlet; diam. 6 in.
Over Outlet; diam. 6 in.
Below Grade at grade.
5. Inlet: Baffle [X]; or Tee [X]
6. Outlet: Baffle [ ]; or Tee [X]
Depth of outlet below inlet 1 in.
7. Depth of top of tank below finished grade 30 in.
8. Distances To:
Well or Suction Line 100 ft.;
Dry Stream 135ft.; Pressure Line 60 ft.;
Property Line 100ft.

C. DISTRIBUTION BOX
1. Material concrete No. available outlets 6 .
2. Factory Built: Yes [X], (Company Rre-Cast Step No [ ]
3. Dimension: Length 20 in.; Width 14 in. Depth 12 in.
4. Distance from Septic Tank 20 ft.
5. Serial Distribution: Yes [ ], No [X] (If yes, show detailed plans.)

D. ABSORPTION FIELD: (Provide drawings.)
1. Type: Absorbtion Trenches
2. Lateral Lines: Depth below grade 30 in. Number 7 ; Length of each line 60 ft Total length of Laterals 380 ft.; Slope 3 in/100 ft. Diameter of pipe 4 in.; Shape round Material: concrete [X]; fiber asbestos [ ]; clay [ ]; other _____ Distance between lateral lines 10 ft.
3. Trench Dimensions: Depth 36 in.; Width 36 in.
4. Filter Material: washed gravel . Depth of material from trench bottom 14 in.
5. Distances To:
Well or Suction Line 100ft.;
Stream 135 ft.; Pressure Line 75 ft.
Property Line 25 ft.
6. Percolation Rate: 36.4 minutes/inch

TYPICAL SKETCHES

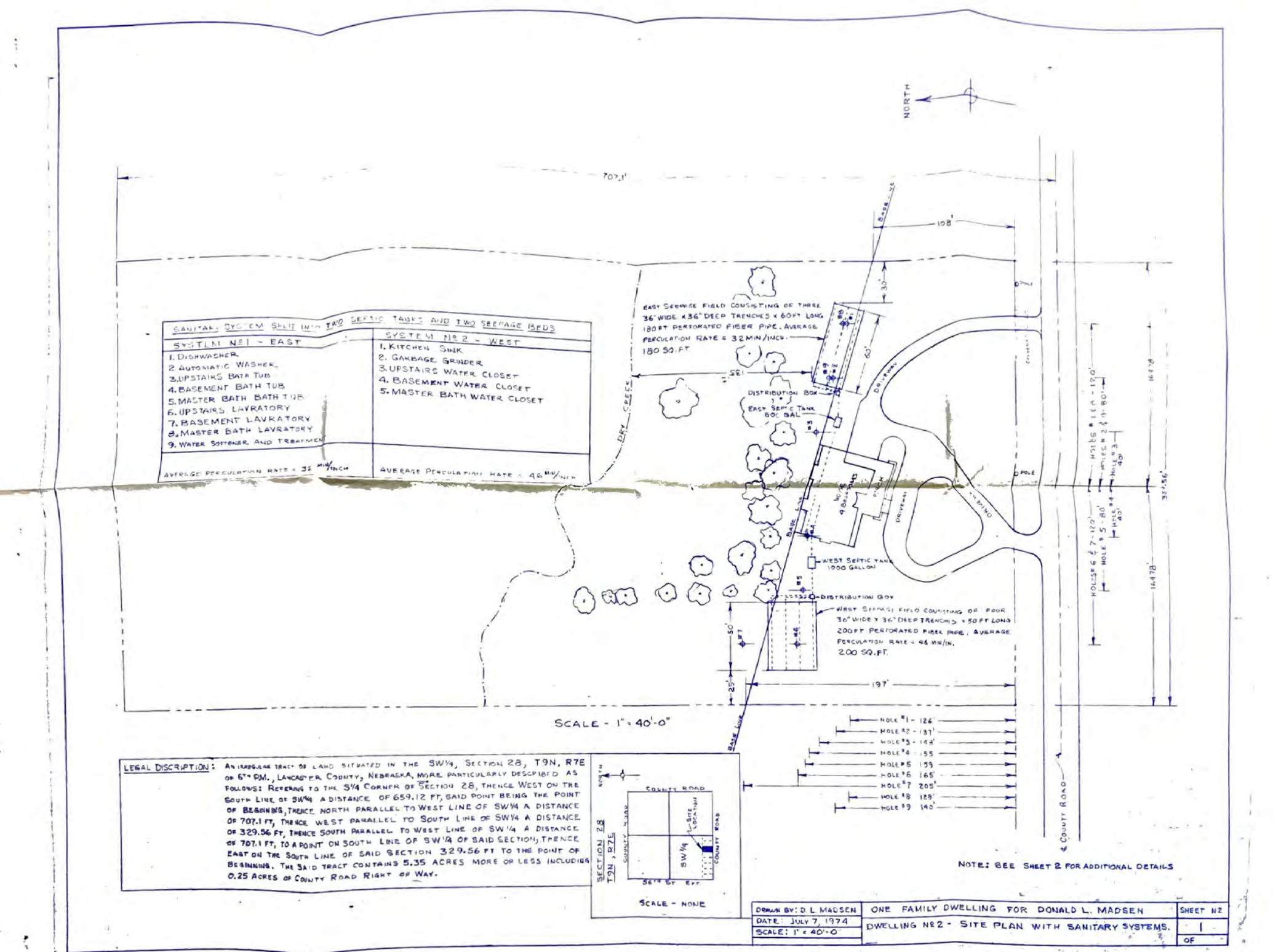



SEPTIC TANK

DISTRIBUTION BOX

TRENCH & LATERAL

Donald L. Madsen
Signature of Applicant




| SANITARY SYSTEM SPLIT INTO TWO SEPTIC TANKS AND TWO SEEPAGE BEDS | |
|---|---|
| SYSTEM NO 1 - EAST | SYSTEM NO 2 - WEST |
| 1. DISHWASHER<br>2. AUTOMATIC WASHER<br>3. UPSTAIRS BATH TUB<br>4. BASEMENT BATH TUB<br>5. MASTER BATH BATH TUB<br>6. UPSTAIRS LAVRATORY<br>7. BASEMENT LAVRATORY<br>8. MASTER BATH LAVRATORY<br>9. WATER SOFTENER AND TREATMENT | 1. KITCHEN SINK<br>2. GARBAGE GRINDER<br>3. UPSTAIRS WATER CLOSET<br>4. BASEMENT WATER CLOSET<br>5. MASTER BATH WATER CLOSET |
| AVERAGE PERCULATION RATE = 32 MIN/INCH | AVERAGE PERCULATION RATE = 46 MIN/INCH |

**LEGAL DISCRIPTION:** AN IRREGULAR TRACT OF LAND SITUATED IN THE SW¼, SECTION 28, T9N, R7E OF 6TH P.M., LANCASTER COUNTY, NEBRASKA, MORE PARTICULARLY DESCRIBED AS FOLLOWS: REFERING TO THE S¼ CORNER OF SECTION 28, THENCE WEST ON THE SOUTH LINE OF SW¼ A DISTANCE OF 659.12 FT, SAID POINT BEING THE POINT OF BEGINNING, THENCE NORTH PARALLEL TO WEST LINE OF SW¼ A DISTANCE OF 707.1 FT, THENCE WEST PARALLEL TO SOUTH LINE OF SW¼ A DISTANCE OF 329.56 FT, THENCE SOUTH PARALLEL TO WEST LINE OF SW¼ A DISTANCE OF 707.1 FT, TO A POINT ON SOUTH LINE OF SW¼ OF SAID SECTION, THENCE EAST ON THE SOUTH LINE OF SAID SECTION 329.56 FT TO THE POINT OF BEGINNING. THE SAID TRACT CONTAINS 5.35 ACRES MORE OR LESS INCLUDING 0.25 ACRES OF COUNTY ROAD RIGHT OF WAY.




NOTE: SEE SHEET 2 FOR ADDITIONAL DETAILS

| | | |
|---|---|---|
| DRAWN BY: D. L. MADSEN | ONE FAMILY DWELLING FOR DONALD L. MADSEN | SHEET NO |
| DATE: JULY 7, 1974 | DWELLING NO 2 - SITE PLAN WITH SANITARY SYSTEMS. | 1 |
| SCALE: 1" = 40'-0" | | OF |