Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514 (402) 441-8000

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 02380242301

Issued 02/04/02
Expires 08/04/02
Revenue Code 3157

FEES: $200.00

TOTAL: $200.00

Establishment

RICHARD BARRY
T12N R5E SEC 24 QTR SW
N 1/2 OF SW 1/4
18700 NW 70 ST-RAYMOND

Permittee

RICHARD BARRY
6200 W BRANCHED OAK RD
RAYMOND NE 68428

Bruce D. Dart

Bruce D. Dart, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

000567

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

A

Permit Number: 023802423

Sewage Disposal System

Request for Site Clearance and Permit

Include Form B, Form C and Applicable Fees with this Application.

☒ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

PLEASE PRINT OR TYPE

A. System Location (Indicate correct number and street)

Address 18700 NW 70th. (no rural route) City Raymond NE, Zip 68428

Legal Description N 1/2 of SW 1/4 SeT 24-12-5
(1/4 1/4 Section Township Range Subdivision Addition Block Lot)

Geographical Location (if known): Longitude _____ Latitude _____

☒ Check if system mail address is not the same as the owner's address

B. Owner

Name Richard Barry Signature Richard Barry

Address 6200 W Branchpark City/State/Zip Raymond Ne 68428

☐ Check if owner designed system Home Phone 783-2332 Work Phone _____

C. Contractor

Name Lloyd Jakoubek Company Name Raymond Contracting Inc

Address 12800 NW 70th. City/State/Zip Raymond Ne. 68428.

☐ Check if contractor designed system Work Phone 890-6009.

D. Engineer/Installer ☐ Check and complete if engineer designed system

Designer Name Lloyd Jakoubek Firm Raymond Contracting Work Phone 890-6009

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 3 Is there a Whirlpool Bathtub YES (NO)

☐ Commercial Establishment/Other Facility Specify _____

Design flow in gallons per day _____ Type of Wastewater: ☒ Domestic ☐ Non-Domestic.

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☒ County Resolution No. 2832

1. **Health Department** Date rec'd 2/4/02 Date frwd 2/5/02 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 2/5 Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 02/05/02 Date frwd _____ ACTION ☒ Approved ☐ Disapproved Signature _____

2-5-02, Driveway look will Need

Installation Final Written Approval

By Ron Mayant

Date 2-8-02

Business Office Use Only
Date Rec'd 2/4/2002
Amt Paid $200.00
Rec'd By ldf Cash/Check No. 4356.

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

Lincoln-Lancaster County Health Department
Environmental Health Division
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B

Permit Number: 023802423

Sewage Disposal System

Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 18700 NW 70Th. City Raymond NE, Zip 68428
(no rural route)

Owner Richard Barry. Addresss 6200 Branch oak Rd. Raymond Ne. 68428

Soil Type (SCS): Sharpsburg silty clay Lomm 5 to 9 per. Slope Percolation Rate: _____ min./inch

Date of Tests 2/2/02 to 2/3/02 Weather: Precipitation _____ Temperature _____

Percolation Test Data Table

A.	B.	C. D. E. F. Pre-Saturation Period				G. H. I. J. K. Percolation Readings					L. M. N. Results		
		Start		End		Start			End				
Hole No.	Hole Depth (in)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Date (Mo/Da)	Time (Hr/Min)	Water Lev (in.)	Date (Mo/Da)	Time (Hr/Min)	Elapsed Time (Min)	Water Level Drop (in)	Percolation Rates (Min/in)
1	26"	2/2	8:00pm	2/3	11:30	2/3	11:30	6"	2/3	12:00	1/2hr	1"	30.
2	28"	2/2	8:00pm	2/3	11:30	2/3	11:30	6"	2/3	12:00	1/2hr	3/16"	~~340~~
3	26"	2/2	8:00pm	2/3	11:30	2/3	11:30	6"	2/3	12:00	1/2hr	5/8"	48
4	26"	2/2	8:00pm	2/3	11:30	2/3	11:30	6"	2/3	12:00	1/2hr	7/8"	34
5	28"	2/2	8:00pm	2/3	11:30	2/3	11:30	6"	2/3	12:00	1/2hr	5/8"	~~48~~
6	26"	2/2	8:00pm	2/3	11:30	2/3	11:30	6"	2/3	12:00	1/2hr.	7/8"	34

Sum of Percolation Rates: 234
Average of Rates: _____
Rate Used for Calculation: 39

Person Conducting Percolation Tests

Name: Lloyd J. Jakoubek
Phone: 890-6009
Address: 12800 NW 70th. Raymond Ne. 68428

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official Jerrold C. Hood R.E.H.S. Date FEBRUARY 5, 2002

FORM 23-101 10-96

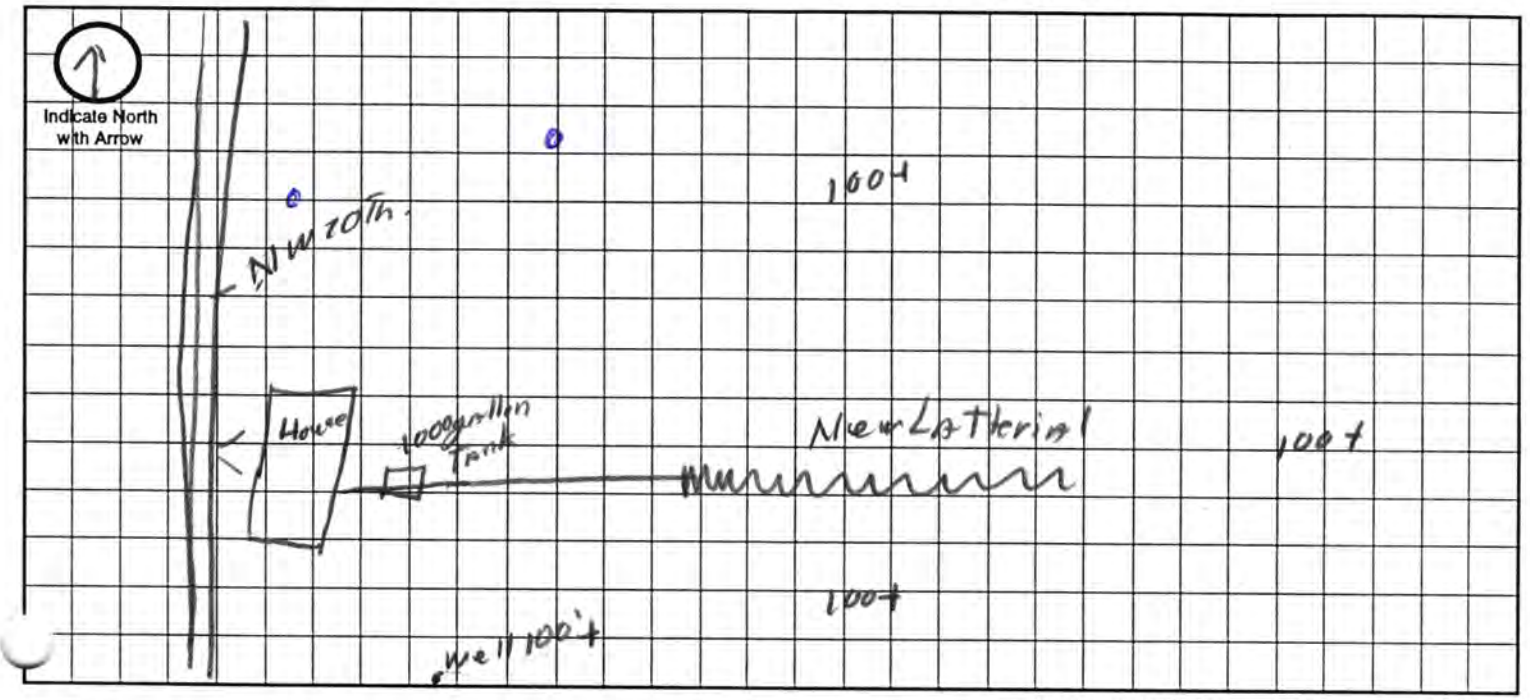
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 02380243

Sewage Disposal System
Preliminary Plan Specifications

Draw a plot plan showing system location, lines, distribution box, tank and laterals, percolation test hole locations, well, residence, compass direction and property lines. Indicate on drawing if residence and well are existing or proposed.



Approximate Scale: _____ ft. = _____ grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) 18700 NW 70 Th. City Raymond NE, Zip 68428

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

C. Proposed Absorption System (See Form B for Percolation Information)

Percolation Rate 39 (min. per inch) Soil Type: _____ Land Slope: _____ %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other _____

Total Square Feet of Field Required: 206 Long 4' wide (825 Total) sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: Equivor 24

Capacity of Septic Tank 1000 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 875 ft. Number of Trenches 2- Trench Width 4'

D. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☒	500 ☒	50 ☒	NA ☒	25 ☒	20 ☒	15 ☒	25 ☒	☒
Field (ft)	100 ☒	500 ☒	50 ☒	4 ☒	30 ☒	20 ☒	30 ☒	40 ☒	☒
Lagoon (ft)	100 ☐	500 ☐	50 ☐	N/A ☐	30 ☐	50 ☐	100 ☐	200 ☐	☐

E. Required Signatures

Home Building Contractor _____ Date _____

Installer Lloyd J. Schulte Date 2/4/02.

FORM 23-102 10-96

Lincoln-Lancaster County Health Department
Environmental Health Division
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Phone: 402-441-8022

FEB 8 2002.

D

Permit Number: 023802423

Ron 441-8030

Sewage Disposal System

As Built Plans & Specifications

Date 2/5/02

System Location (Indicate correct number and street)

Address 18700 NW 70th. (no rural route) City Raymond NE, Zip 68428

A. Building Sewer

1. Material: PVC
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: _____ in.
3. Distance between dwelling and septic tank: _____ ft.
4. Number of clean-outs: _____
5. Distances to: well or suction line 100 ft.
   stream 100 ft.
   pressure line 100 ft.
   property line 100 ft.

B. Septic Tank

1. Material: concrete
   Number of compartments: 2
2. Capacity: 1000 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☐ above ☐ below grade 24" in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 24 in.
8. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

C. Distribution Box

1. Material: concrete
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: _____ ft.

D. Absorption Field

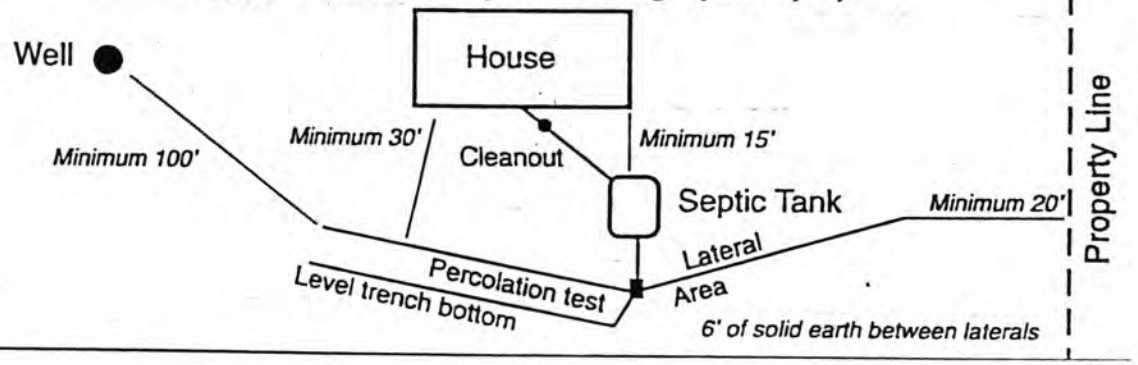
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other Equaliner 24
2. Lateral lines: Number 3
   Length of each line: 50 ft. 67 ft.
   50 ft. _____ ft., _____ ft.
3. Trench dimensions: Width 5' ft.
   Slope Flat in/100 ft.
   Average depth 26" in
4. Filter material: Gravel
   Depth of material 18"-20 in.
5. Distances to: Well or suction line 100+ ft.
   Stream 100+ ft.
   Pressure line 100+ ft.
   Property line 100+ ft.

Complete "As Built" drawing on back of this form.

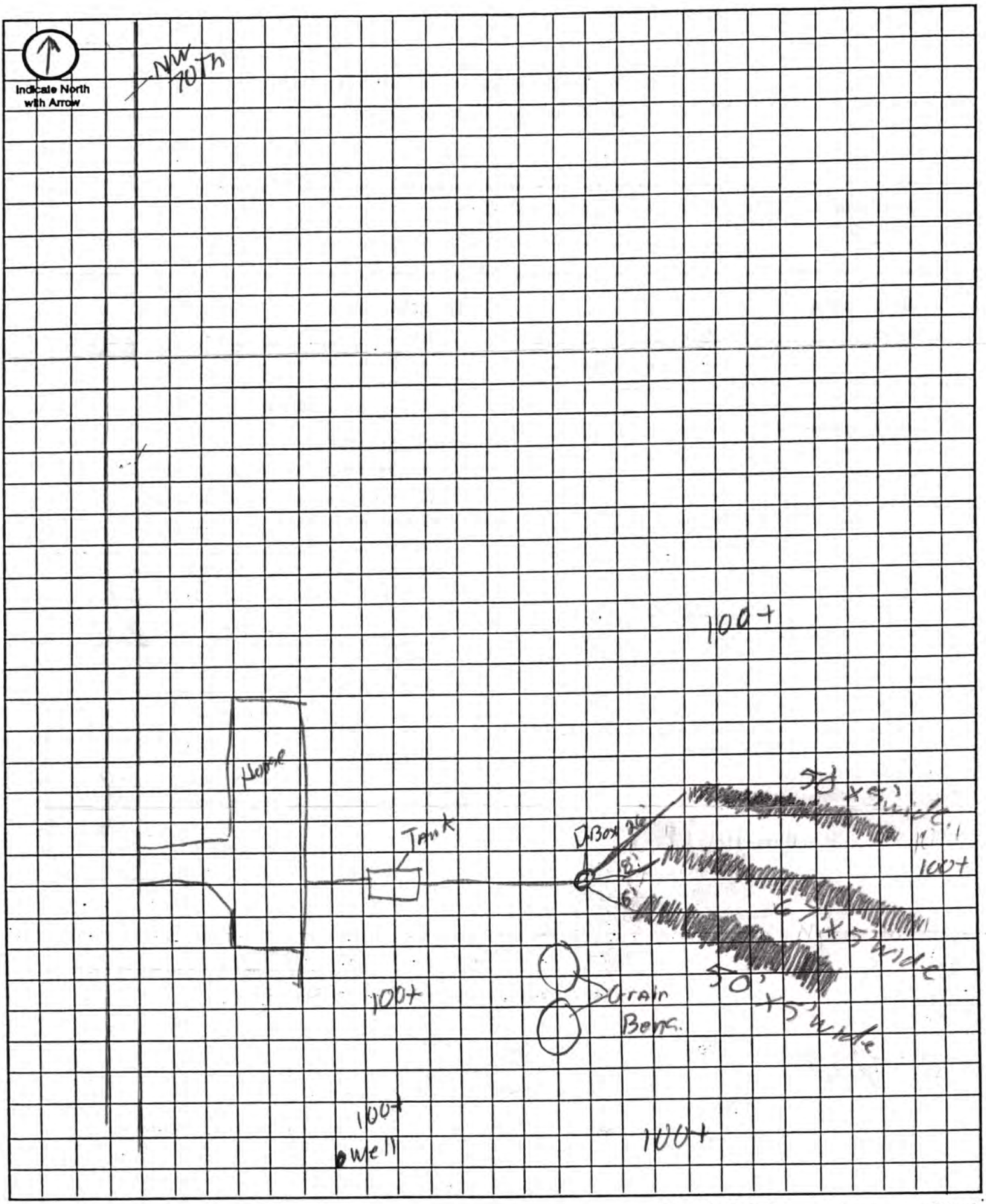
Indicate North with Arrow

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing



Approximate Scale: _____ ft. = _____ grid line/s


NW 70th
Mail drainfield
Davey Rd
(Joins sheet 2)
(Joins sheet 7)
(Joins sheet 13)
R 5 E.
R 6 E.
MrD
McD
UNION PACIFIC
North Oak Creek
23
24
25
26
30
31
35
36
19
Scale 1:20000
1 Mile
5000 Feet
485,000 FEET
2 740 000 FEET
ShD2
ShC
JuC
PaD2
MrD
MrD2
MeC2
WtC2
Ke
Ns
Zp
Zo
Cp
Co
Cr
SmD
McF
McD
JfC
SuG
SuD2
PaC2
MrE
MeC2
GeD
GeD2
DcD
StF
Bp
WtD3
ShD3