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

AUG 11 2009

A

Permit Number HS000263

Onsite Wastewater Treatment System Request for Site Clearance and Permit

Include Form B and C. Submit correct fee with this Application

3 acres or more required for: ☑ Septic System ☐ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Wastewater Treatment System in conformance with appropriate regulations.

PLEASE PRINT OR TYPE 05-11-360-002-000

A. Onsite System Location

Address _____ (no rural route) City Malcolm, NE Zip 68402

Legal Description SW 11 11 5 _____ 18
1/4 1/4 Section Township Range Subdivison Addition Block Lot

Geographical Location (if known): Longitude: _____ Latitude: _____

☐ Check if system mail address is not the same as the owner's address Total Acres: _____

B. Owner

Name David Vettel Signature David Vettel by Kurt Vettel

Address 670 Country Ct City/State/Zip Mt Zion, IL 62549

☐ Check if owner designed system Home Phone 217-864-4475 Work Phone 217-823-0019

C. Contractor

Name: Steve Fulton Company Name Fulton Construction

Address 3639 N. 33rd St PO Box 4438 City/State/Zip Lincoln, NE 68504

☐ Check if contractor designed system Work Phone 402-430-9979

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

Designer Name Lloyd Jakoubek Firm Raymond Contracting Inc Work Phone 402-890-6009

E. This system will serve a

☑ Residential Dwelling Number of Bedrooms 4 Is there a Whirlpool Bathtub? ☑ Yes ☐ No

☐ Commercial Establishment/Other Facility Specify _____ Design flow in gallons per day _____

Type of Wastewater ☑ Domestic ☐ Non-Domestic Well Permit Applied for ☐ Yes ☐ No ☐ Not Applicable

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☑ County Resolution No. 02-30

Health Department
Site visits See attached Hardship information
Date rec'd 8/24/09
Date frwd 8/24/09
ACTION ☐ Approved ☐ Disapproved
Signature _____

Supt. Bldg. Insp. or Village Clerk
Comments system cannot be located in flood plain
Date rec'd 8-11-09
Date frwd 8-11-09
ACTION ☑ Approved ☐ Disapproved
Signature _____

City or County Engineer
Comments System to be 1' above and outside 100 yr flood plain
Date rec'd 8-12-09
Date frwd 8-12-09
ACTION ☑ Approved ☐ Disapproved
Signature Kenneth D. Schroeder

Installation Final Written Approval
Date 5/20/10

Business Office Use Only
Date Received _____ Amount Paid _____
Received By _____ Cash/Check No. _____

6-10-2010 16:0:27 White - Health Department Yellow - Engineer Pink - Building & Safety

Utah Forward Water

Lincoln-Lancaster County Health Department
Environmental Public Health Division (402) 441-8027
3140 N Street Lincoln, NE 68510-1514

ON-SITE WASTE WATER SYSTEM
CONSTRUCTION - INSTALLATION PERMIT

No. HS000263

System Type: STANDARD

Situs: T11N, R5E, SEC 11, LOT 18

Legal Description: T11N-R05E-S11-Lot 18

Owner:

Permit Fee:	$315.00
Variance Fee:	$0.00
Extension Fee:	$0.00
Total Fees:	$315.00

Issued: 08/24/2009
Expires: 08/24/2010

Bruce D. Dart, PhD, Health Director

On-site Waste System Permit Holder:

The above document is your permit to construct a new On-site Waste Water System at the location listed. Please contact this office once the sytem is complete in order to schedule a final inspection before use.

Bruce D. Dart, PhD
Health Director

RAYMOND CONTRACTING
13800 NW 70TH
RAYMOND NE 68428

LLCHD HS000263

AUG 11 2009

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

A

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HS000263

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Legal Description SW 11 11 5 _____ 18
1/4 | 1/4 | Section | Township | Range | Subdivison | Addition | Block | Lot

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☐ Check if system mail address is not the same as the owner's address Total Acres: _____

B. Owner

Name David Dettel Signature David DeHel by Kurt Jakroubek

Address 670 Country Ct City/State/Zip Mt Zion, IL 62549

☐ Check if owner designed system Home Phone 217-864-4475 Work Phone 217-823-0019

C. Contractor

Name: Steve Fulton Company Name Fulton Construction

Address 3639 N. 34th St PO Box 4438 City/State/Zip Lincoln, NE 68504

☐ Check if contractor designed system Work Phone 402-430-9979

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Designer Name Lloyd Jakroubek Firm Raymond Contracting, Inc Work Phone 402-890-6009

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DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☐ County Resolution No. 02-30

1. Health Department
Site visits _____
Date rec'd _____ Date frwd _____
ACTION ☐ Approved ☐ Disapproved
Signature _____

2. Supt. Bldg. Insp. or Village Clerk
Comments system cannot be located in flood plain
Date rec'd 8-11-09 Date frwd 8-11-09
ACTION ☒ Approved ☐ Disapproved
Signature _____

3. City or County Engineer
Comments system to be 1' above and outside 100 yr flood plain
Date rec'd 8-12-09 Date frwd 8-12-09
ACTION ☒ Approved ☐ Disapproved
Signature Kenneth D. Schroeder

Installation Final Written Approval
By _____
Date _____

Business Office Use Only
Date Received 8-24-09 Amount Paid 315.00
Received By BH Cash/Check No. 7149

8-24-2009 16:3:20 White - Health Department Yellow - Engineer Pink - Building & Safety

* High Ground Water *

Form A Updated: 5-07

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

B

Permit Number:

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

SW 1/4 S11-T11-R5 4 of 18

System Location (Indicate correct number and street)

Address _____ City Malcolm NE, Zip 68402
(no rural route)

Owner David McHel Address 670 Country Ct Mt Zion, IL 62549

Soil Type (SCS): Judson Percolation Rate: 54 min./inch

Date of Tests 8/6/05 to 8/7/05 Weather: Precipitation D Temperature 80°

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	25	8/6	1:00p	8/6	5:00p	8/7	12:00p	6	8/7	12:30p	30	1	30
2	27	"	"	"	"	"	"	"	"	"	"	9/16	54
3	23	"	"	"	"	"	"	"	"	"	"	1 1/16	28
4	27	"	"	"	"	"	"	"	"	"	"	2 1/2	12
5	22	"	"	"	"	"	"	"	"	"	"	5/8	48
6	26	"	"	"	"	"	"	"	"	"	"	1 5/16	23

Sum of Percolation Rates: 195
Average of Rates: 33
Rate Used for Calculation: 54 (20 mpi VARIANCE)

Person Conducting Percolation Tests

Name: Terri L. Jirousek, Raymond Contracting, Inc.
Phone: 402-783-2003 or 402-890-3870
Address 13800 NW 70th St
Raymond, NE 68428 # C1198

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official _____ Date _____

LLCHD HS000263

facsimile

Raymond Contracting, Inc.

Raymond Contracting Inc
Lloyd J Jakoubek
13800 NW 70th Street
Raymond, NE 68428
402 783-2663 Telephone
402 890 6009 Cellular
402 783 2341 Fax

to **Nate**

fax number **402-441-3890**	company **LLCHD**
from **Terri Jakoubek**	date **August 24, 2009**
total number of pages including this cover sheet **4**	If you do not receive all pages, please call **402-783-2663 (Terri)**

comments **CONFIDENTIAL**

Nate,

Regarding the flood plain issue for the permit for Fulton Construction/David Vettel @ NW 84th & Waverly Rd – maps & updated C Sheet follow.

Thanks,
Terri Jakoubek
402-783-2663 (Office) 402-890-3870 (Mobile) 402-783-2341 (Fax)

C

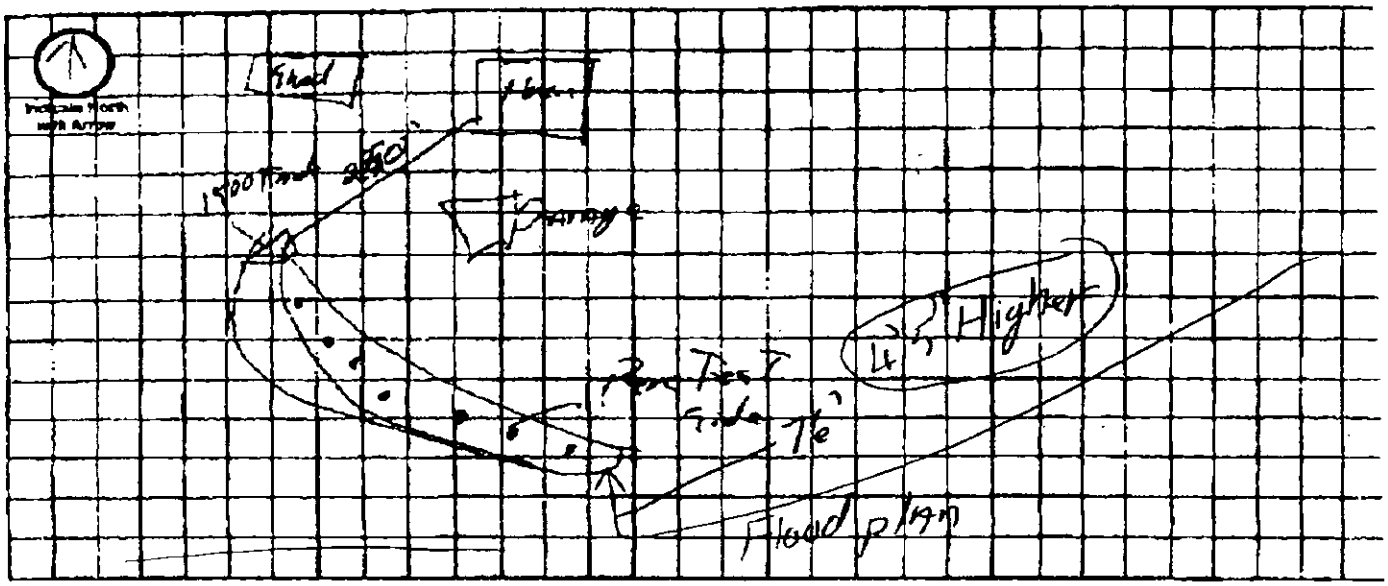
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

Permit Number:

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 lines

A. System Location (Indicate correct number and street)

Address (no rural route) 5104 S11-T11-R3 Lot 18 City Malcolm NE Zip 68402

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 54 (min. per inch) Soil Type Judson Land Slope: _____ %

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

Total Square Feet of Field Required: 1400 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☒ Other Lateral Material: Gravelless Chambers - RDS

Capacity of Septic Tank: 1500 gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals 350 ft. Number of Trenches 3 Trench Width 4'

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

Distance From	Private Well	Public Well	Surface Water	Ground Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☑	500 ☑	50 ☑	N/A ☐	25 ☑	20 ☑	15 ☑	25 ☑	☑
Field (ft)	100 ☑	800 ☑	50 ☑	4 ☑	50 ☑	20 ☑	20 ☑	40 ☑	☑
Lagoon (ft)	100 ☐	600 ☐	50 ☐	N/A ☐	50 ☐	50 ☐	100 ☐	200 ☐	☐

E. Required Signatures

Home Building Contractor Steve Fulton Date 8-10-09

Installer Brian D. Hoffman Date 8/10/09

FORM 23-102 10-08

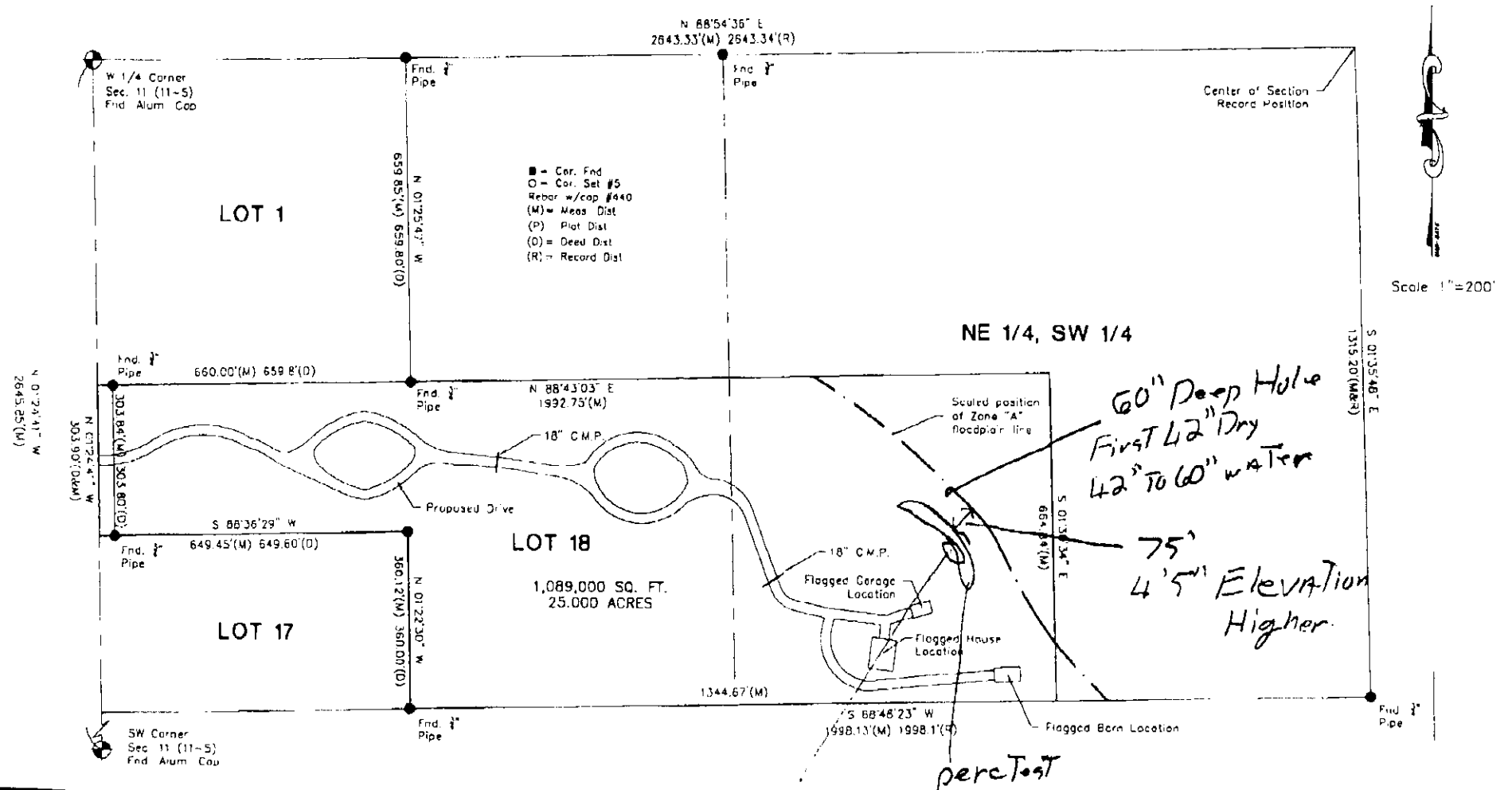
HUSKER SURVEYING LLC
4535 Norma Blvd.
Suite 165
Lincoln, NE 68506
PH: (402) 423-5202
Job #: HS2925

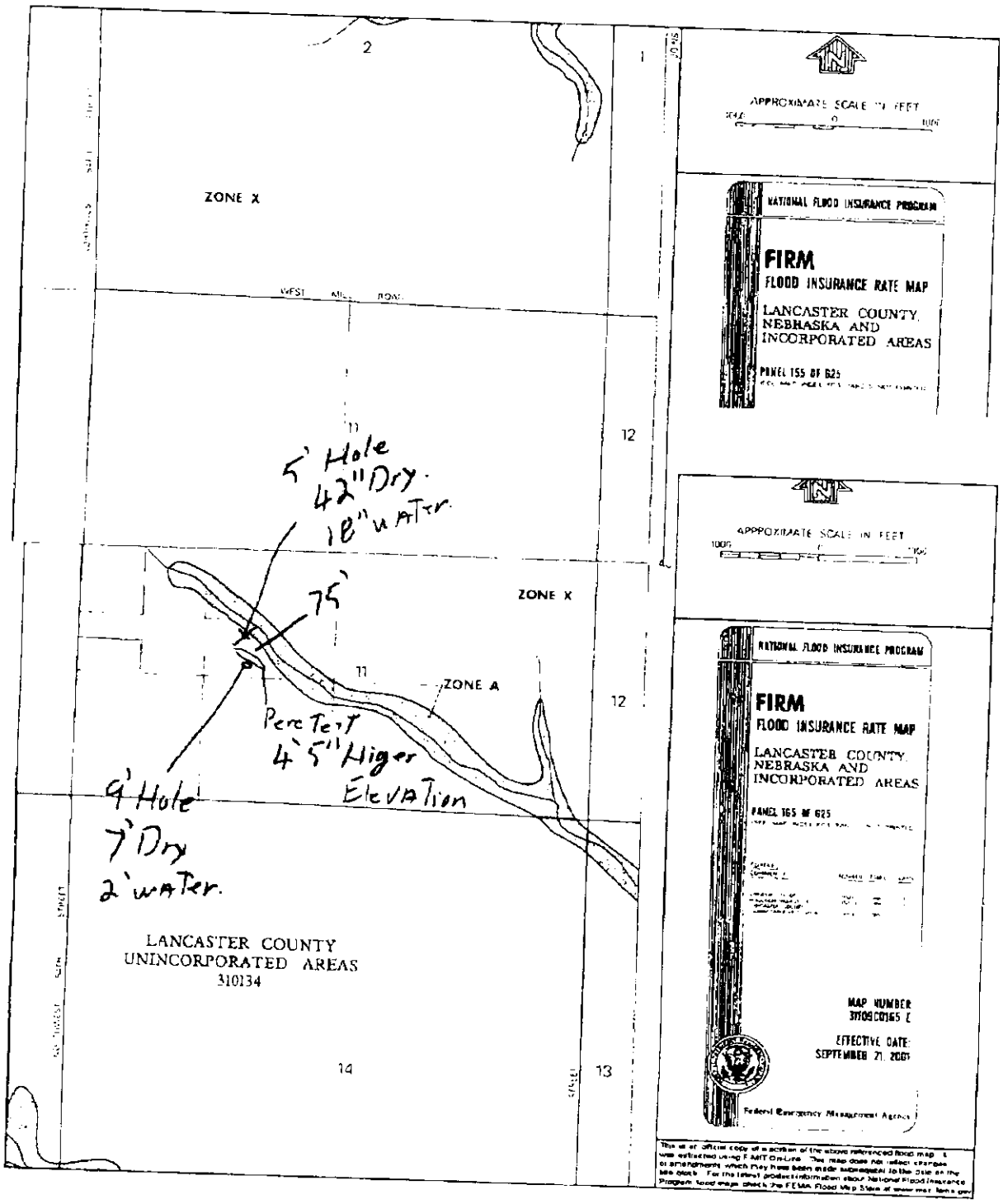
Survey of NE 1/4, SW 1/4, and Lot 18, T. SW1/4, Section 11 T. 11N R. 5 E. of the 6th P.M. Lancaster County, Nebraska

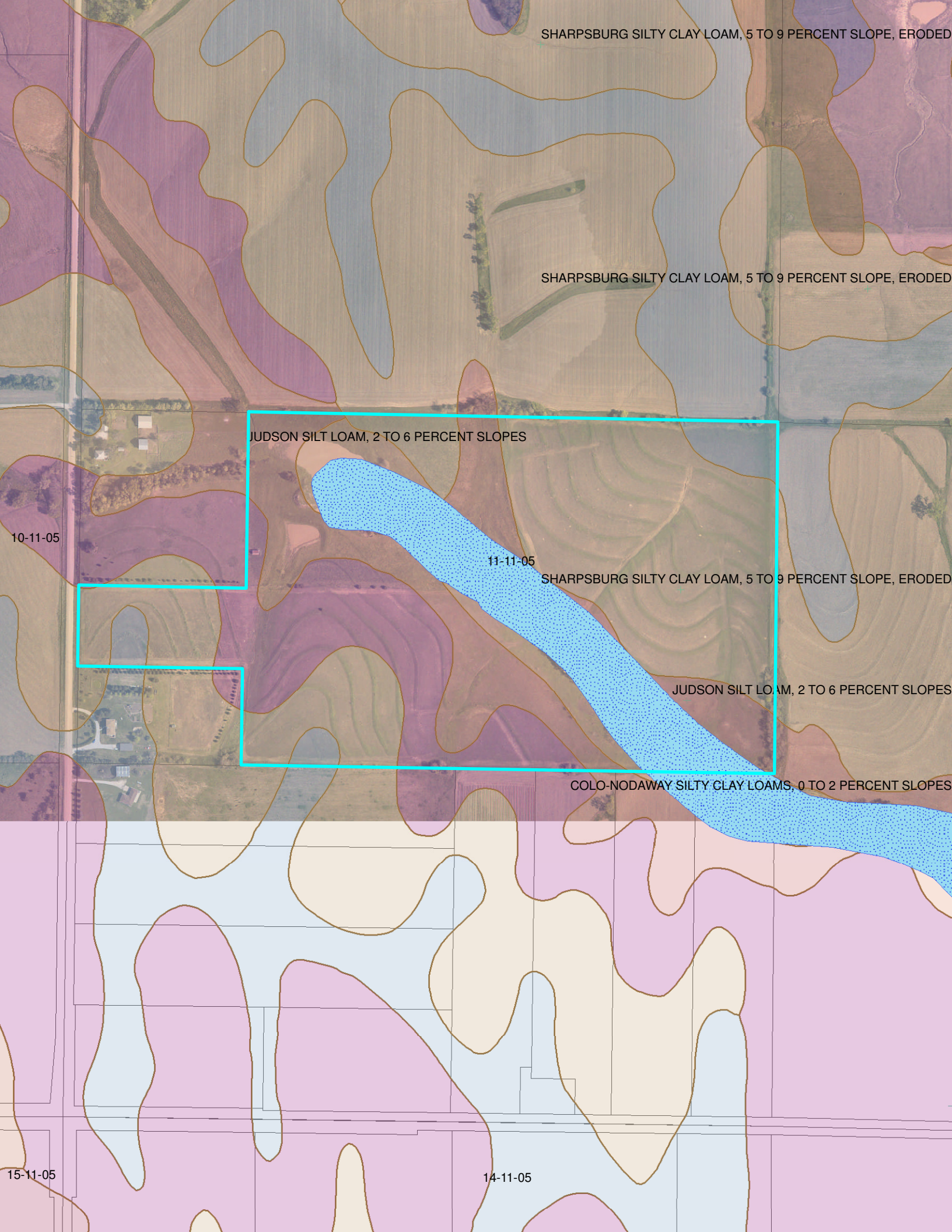
Date of Survey 6/8/09 Job No. HS2925

SURVEY RECORD

Survey for Fulton Construction
NW 84th Street
Raymond, NE




ZONE X
ZONE X
ZONE A
5' Hole
42" Dry.
18" water
75'
Perc Test
4' 5" Higer
Elevation
9' Hole
7' Dry
2' water.
LANCASTER COUNTY
UNINCORPORATED AREAS
310134
APPROXIMATE SCALE IN FEET
NATIONAL FLOOD INSURANCE PROGRAM
FIRM
FLOOD INSURANCE RATE MAP
LANCASTER COUNTY,
NEBRASKA AND
INCORPORATED AREAS
PANEL 155 OF 625
APPROXIMATE SCALE IN FEET
NATIONAL FLOOD INSURANCE PROGRAM
FIRM
FLOOD INSURANCE RATE MAP
LANCASTER COUNTY,
NEBRASKA AND
INCORPORATED AREAS
PANEL 165 OF 625
MAP NUMBER
31109C0165 E
EFFECTIVE DATE:
SEPTEMBER 21, 2005
Federal Emergency Management Agency


SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
10-11-05
11-11-05
SHARPSBURG SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPE, ERODED
JUDSON SILT LOAM, 2 TO 6 PERCENT SLOPES
COLO-NODAWAY SILTY CLAY LOAMS, 0 TO 2 PERCENT SLOPES
15-11-05
14-11-05