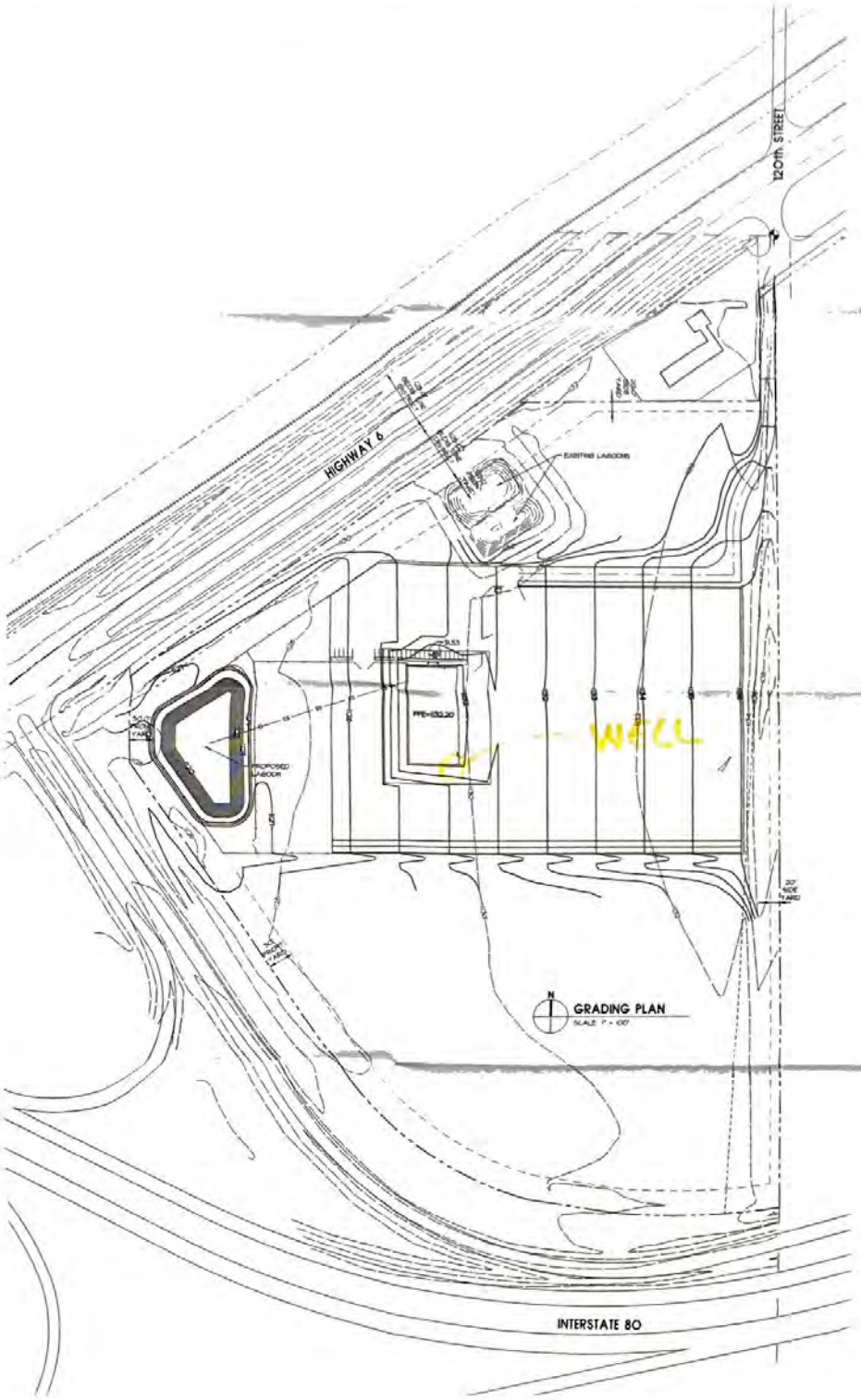
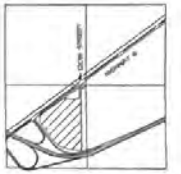
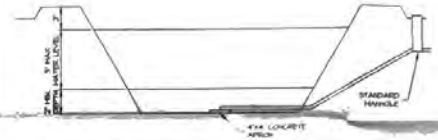
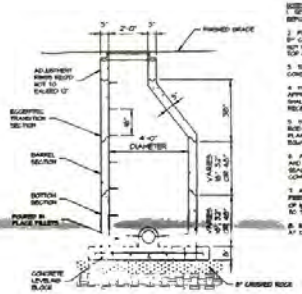


APPROXIMATE GRADING QUANTITIES	
CUT	60700 CY
FILL	44850 CY





LAGOON DETAIL
NO SCALE



STANDARD MANHOLE
NO SCALE



TYPICAL SECTION MANHOLE INVERT
NO SCALE

LEGEND

- EXISTING OVER HEAD ELECTRIC
- PROPOSED WATER MAIN
- PROPOSED GAS MAIN
- PROPOSED SANITARY SEWER
- ELECTRIC POWER
- SECURITY FENCE OR OPTIONAL FENCE
- SILT FENCE

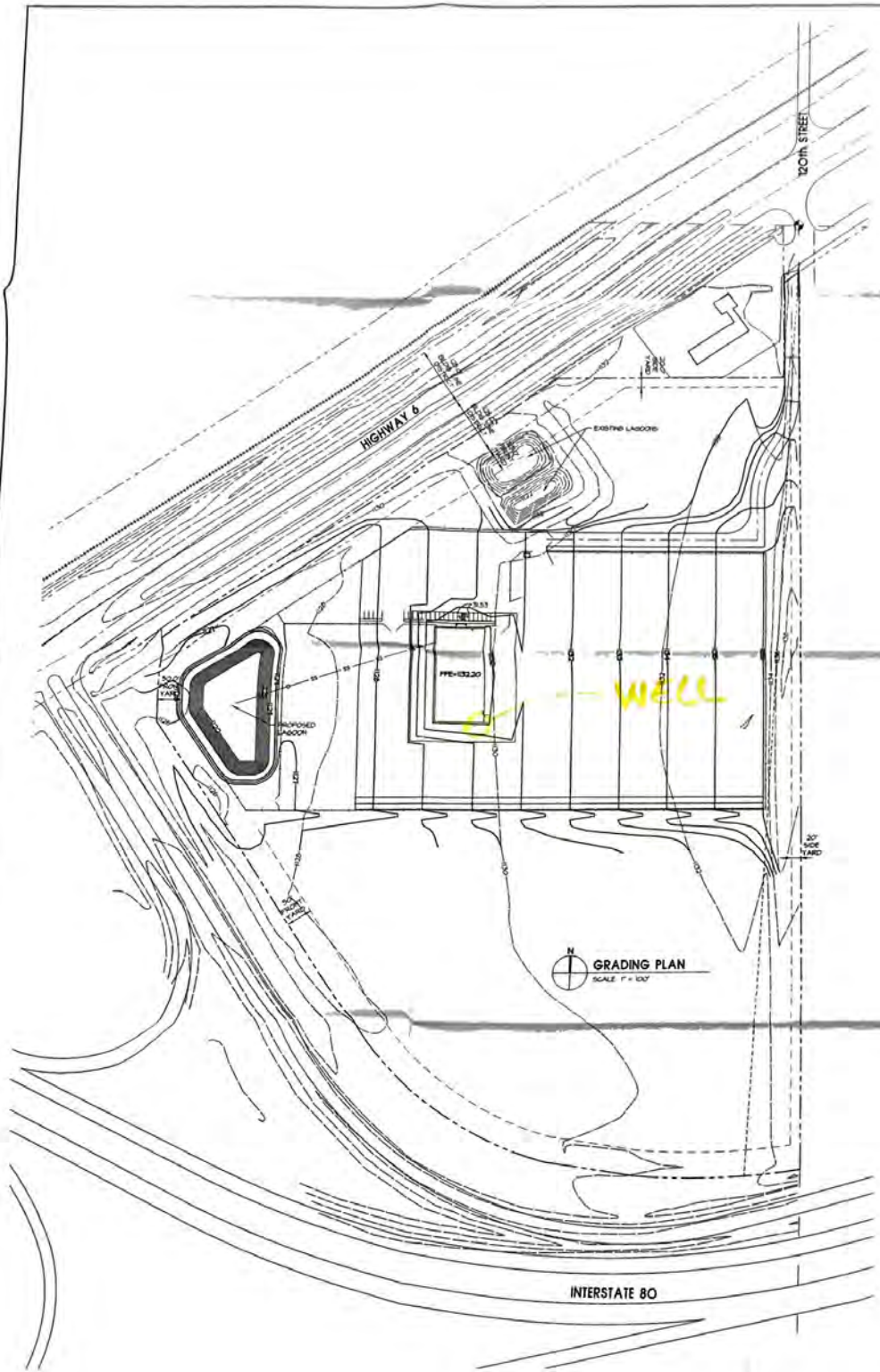
24 Aug 2001
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LINCOLN AUTO AUCTION
PRELIMINARY GRADING PLAN
LINCOLN, NEBRASKA

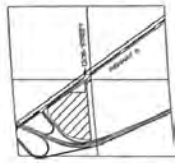
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GRADING PLAN

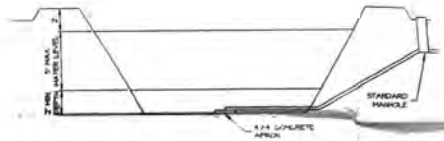
DESIGN ASSOCIATES OF LINCOLN, INC.
1819 "K" STREET
LINCOLN, NEBRASKA 68508
PHONE:(402) 474-3000
FAX:(402) 474-4045

C-2

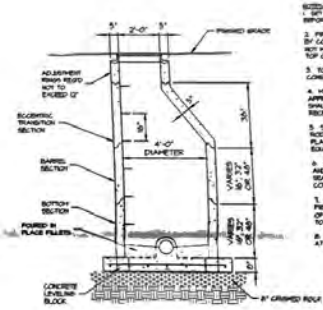


APPROXIMATE GRADING QUANTITIES	
CUT	[illegible] C.Y.
FILL	[illegible] C.Y.



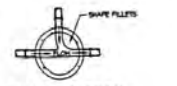


LAGOON DETAIL
NO SCALE



NOTES:
1. SET MANHOLE OVER SEWER LINE AND LEVEL TO GRADE BEFORE POURING FOOTING BASE.
2. PIPES ENTERING MANHOLE SHALL BE FULLY SUPPORTED BY COMPACTED ROCK BASE. PROVIDE JOINT IN ALL PIPE NOT MORE THAN 1 FOOT FROM MANHOLE WALLS. MATCH TOP OF PIPE ELEVATIONS.
3. TOTAL DEPTH AND PIPE SIZE SHALL BE AS SPECIFIED ON CONSTRUCTION DRAWINGS.
4. MANHOLE RING AND COVER SHALL BE DEEDER 1050 OR APPROVED EQUAL. ALL HORIZONTAL BEARING SURFACES SHALL BE MACHINED. MANHOLE RING AND COVER TO RECEIVE A PAINTED PROTECTIVE COATING.
5. STEPS SHALL BE POLYPROPYLENE ENCAPSULATED STEEL ROD OR ALUMINUM VERTICAL PLACED AT 16" CENTERS OR PLASTIC COATED 16 INCH CENTERS OR EMBEDED APPROVED EQUAL.
6. ALL HORIZONTAL MATING SURFACES BETWEEN CONCRETE AND CONCRETE OR CONCRETE AND METAL SHALL BE SEALED WITH RAM-NEK OR EQUAL PREFORMED PLASTIC COMPOUND. TRUCK JOINTS SHALL BE GROUTED SMOOTH.
7. ALL VERTICAL EXTERIOR SURFACES SHALL RECEIVE A PAINTED ASPHALT COMPOUND TO A FINAL MIL THICKNESS OF 5 MILS. PROVIDE CASTING MEETING ASTM CH48 CLASS 30 TO SOMERTON HYDRODUCE 500 B 9004 MASTIC.
8. REINFORCE 4 REBAR SPACED AT 12" CENTERS BOTH MATS.

STANDARD MANHOLE
NO SCALE



TYPICAL SECTION MANHOLE INVERT
NO SCALE

LEGEND

— — — OHE — — —	EXISTING OVER HEAD ELECTRIC
— W — W —	PROPOSED WATER MAIN
— G — G —	PROPOSED GAS MAIN
— SS — SS —	PROPOSED SANITARY SEWER
— — P — —	ELECTRIC POWER
	SECURITY FENCE OR OPTIONAL FENCE
— SF —	SILT FENCE

Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION

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

Permit

SEWAGE INSTALLATION
LAGOON

Establishment

PHIL DURST
T11N R8E SEC 30
N1/2-IRREGULAR TRACT LOT 31IT
11909 US HWY 6-WAVERLY

Permittee

PHIL DURST
201 S 1 ST
LINCOLN NE 68508

Permit # 01380239401

Issued 10/30/01
Expires 04/30/02
Revenue Code 3157

FEES: $200.00

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

000221

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

A

Permit Number: 013902394

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 11909 US Highway (no rural route) City Waverly NE, Zip _____

Legal Description N/2 30 11 - 8 3 I.L.
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 PHIL DURST Signature Phil Durst by JD Burt

Address 201 S. 1st St. City/State/Zip Lincoln NE 68508

☐ Check if owner designed system Home Phone CELL 432-6555 Work Phone 475-5500

C. Contractor

Name Friesen Excavating Company Name _____

Address _____ City/State/Zip _____

☐ Check if contractor designed system Work Phone _____

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

Designer Name Bern Hottovy Firm Design Associates Work Phone 474-3000

E. This System Will Serve a

☐ Residential Dwelling Number of Bedrooms ____ Is there a Whirlpool Bathtub YES NO

☒ Commercial Establishment/Other Facility Specify Dealer Auto Auction

Design flow in gallons per day 825 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 10/30/01 Date frwd 10/30/01 **ACTION** ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 10-30-01 Date frwd _____ **ACTION** ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd _____ Date frwd _____ **ACTION** ☐ Approved ☐ Disapproved Signature Gary L. Lacy

Installation Final Written Approval

By Ron Magnuson

Date 6-4-04

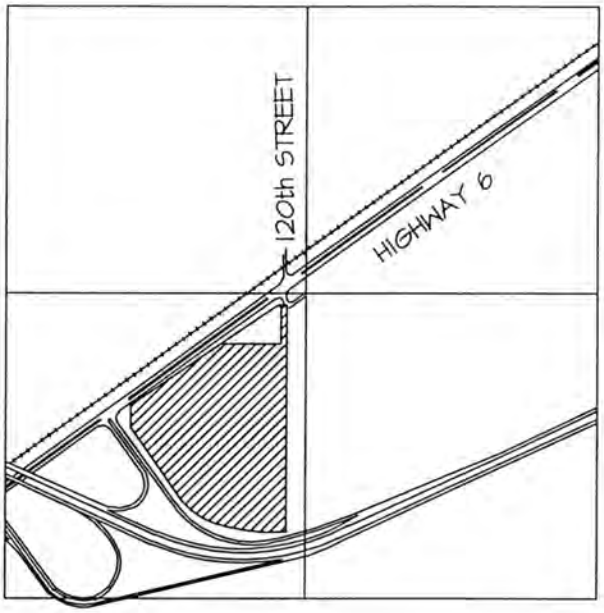
Business Office Use Only

Date Rec'd 10/30/01

Amt Paid 200.00

Rec'd By LO Cash/Check No. 2848

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



N

VICINITY MAP

NO SCALE

LEGAL DESCRIPTION:

LOT 31 N 1/2 SECTION 31,
T. 11 N., R. 8 E.

LINCOLN AUTO AUCTION

LAGOON SIZING

DESIGN FLOW:

Qave FROM 11/13/00 TO 5/11/01 = 440 GAL/DAY

* DOUBLE EXISTING OPERATION THROUGH NEXT 5 YEARS

Qave FOR FIRST 5 YEARS = (440 + 880)/2 = 660 GAL/DAY

Qdesign = (0.25)*(660) + (0.75)*(880) = 825 GAL/DAY

REQUIRED LAGOON AREA:

GIVEN:

Q = 825 GAL/DAY
T = 20 YEARS
D(operational) = 5'
PRECIPITATION = 28 IN/YR
EVAPORATION = 44 IN/YR
SEEPAGE = 0 IN/DAY

A = (QT)/(LT + D) = 1154 FT^2 = **25,425 FT^2**

