Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 00380216801

Issued 04/12/00
Expires 10/12/00
Revenue Code 3157

Establishment

MANN CUSTOMS INC
T9N R8E SEC 13 QTR NW
IRREGULAR TRACT LOT 12IT
17601 OLD CHENEY RD-WALTON

FEES: $150.00

Permitee

ATTN DON MANN
MANN CUSTOMS INC
3121 S 6 ST
LINCOLN NE 68502

TOTAL: $150.00

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

012934

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

A

Permit Number: 003802168

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 17601 Old Cheney Road. (no rural route) City Walton, NE, Zip 68461

Legal Description LOT 12, Irr. Tract, NW 1/4 Sect. 13, T9N, R8E of the 6th PM. Lancaster, Ne.
(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 Contractors Mann Customs Inc. 3121 S 6th 68502

B. Owner

New Construction.

Name Dennis McCharron Signature _____

Address _____ City/State/Zip _____

☐ Check if owner designed system Home Phone _____ Work Phone _____

C. Contractor

Name Mann Customs Inc. Company Name Jeff Mann or Donn Mann

Address 3121 S 6th City/State/Zip Lincoln Ne 68502

☐ Check if contractor designed system Work Phone 402-423-5386

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

Designer Name Larry Schwartz. Firm _____ Work Phone _____

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.

DO NOT WRITE BELOW THIS LINE

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

1. **Health Department**	Date rec'd 4-11-00 Date frwd 4/13/00	**ACTION** ☒ Approved ☐ Disapproved Signature [signature]	
2. **Supt. Bldg. Insp. or Village Clerk**	Date rec'd 4-13-00 Date frwd 4-13-00	**ACTION** ☒ Approved ☐ Disapproved Signature [signature]	
3. **City or County Engineer**	Date rec'd 4-13-00 Date frwd 4-13-00	**ACTION** ☒ Approved ☐ Disapproved Signature [signature]	

Installation Final Written Approval

By Gerald C. Vool R.E.H.S.

Date MAY 8, 2000

Business Office Use Only

Date Rec'd 04/11/00
Amt Paid 150 ⁰⁰
Rec'd By [signature] ~~Cash~~/Check No. 17776

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

B

Permit Number: 003802168

N↑ 01 02 03 04 05 06

Sewage Disposal System
Soil Absorption Test Data Report
Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address 17601 Old Cheney Rd (no rural route) City Lincoln NE, Zip _____

Owner Don Mann Addresss _____

Soil Type (SCS): WYMORE SILTY CLAY LOAM Percolation Rate: 26 min./inch

Date of Tests 1/24/00 to 1/25/00 Weather: Precipitation 0 Temperature 35

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	36	1/24	5:00	1/25	1:00	1/25	1:00	6	1/25	5:00	30	1 3/4	17.
2	36	1/24	5:00	1/25	1:00	1/25	1:00	6	1/25	5:00	30	1 1/2	20.
3	36	1/24	5:00	1/25	1:00	1/25	1:00	6	1/25	5:00	30	1	30.
4	36	1/24	5:00	1/25	1:00	1/25	1:00	6	1/25	5:00	30	3/4	40.
5	36	1/24	5:00	1/25	1:00	1/25	1:00	6	1/25	5:00	30	1 3/4	17.
6	36	1/24	5:00	1/25	1:00	1/25	1:00	6	1/25	5:00	30	1	30.

Sum of Percolation Rates: ~~25.66~~ 154

Average of Rates: 25.66

Rate Used for Calculation: 26

Person Conducting Percolation Tests

Name: Tom Burt Design Associates

Phone: _____

Address _____

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks TABLE 14.1 UTILIZE 21-30 RANGE FOR STONE DRAIN FIELD

Signature of Reviewing Official John E. Mann Date 4-11-00

FORM 23-101 10-96

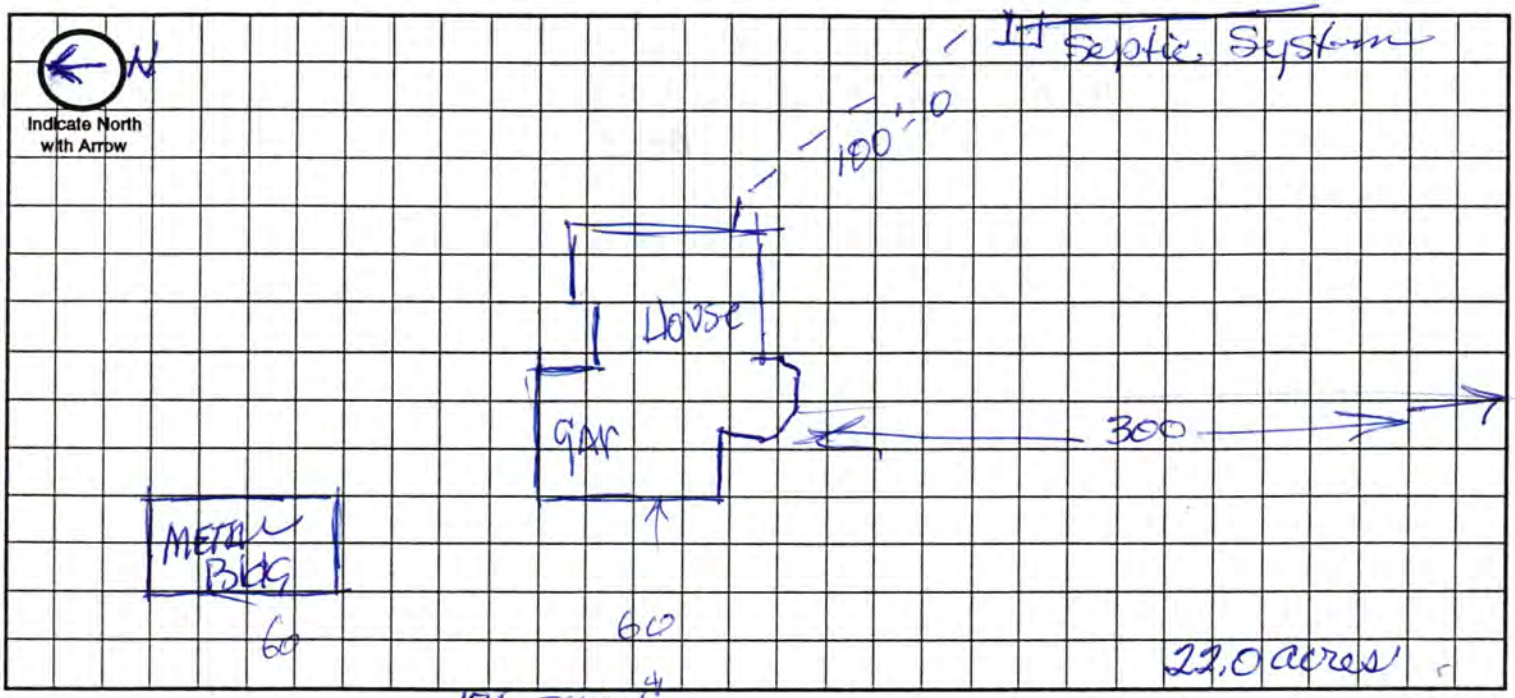
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: OU 3802168

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) 17601 old Chesney Rd. City Walton NE, Zip 68461

B. Proposed Septic Tank/s

Precast Products.

Tank Material: ☑ Concrete ☐ Plastic ☐ Other _____

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

Percolation Rate 26 (min. per inch) Soil Type: WYMORE SILTY CLAY LOAM Land Slope: _____ %

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

Total Square Feet of Field Required: 1000 sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: Infiltrator.

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

Total Length of Laterals 333 ft. Number of Trenches 4+ Trench Width 3'

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 Mann Customs Inc Date 4/1/00

Installer Larry Schwank Date _____

MAY 5 2000

D

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

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 4-24-00

System Location (Indicate correct number and street)

Address 12801 Old Cheney Rd (no rural route) City _____ NE, Zip _____

A. Building Sewer

1. Material: Class 160
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: _____ in.
3. Distance between dwelling and septic tank 80' ft.
4. Number of clean-outs: _____
5. Distances to: well or suction line _____ ft.
   stream _____ ft.
   pressure line _____ ft.
   property line _____ ft.

B. Septic Tank

1. Material: precast
   Number of compartments: _____
2. Capacity: 1500 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☐ above ☐ below grade _____ in.
5. Inlet: ☐ baffle ☐ tee
6. Outlet: ☐ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 10-12 in.
8. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

1. Material: Plastic Drop box
   Number available outlets: _____
2. Factory built: ☑ Yes ☐ No
3. Distance from septic tank: 75 + 87 ft.

D. Absorption Field

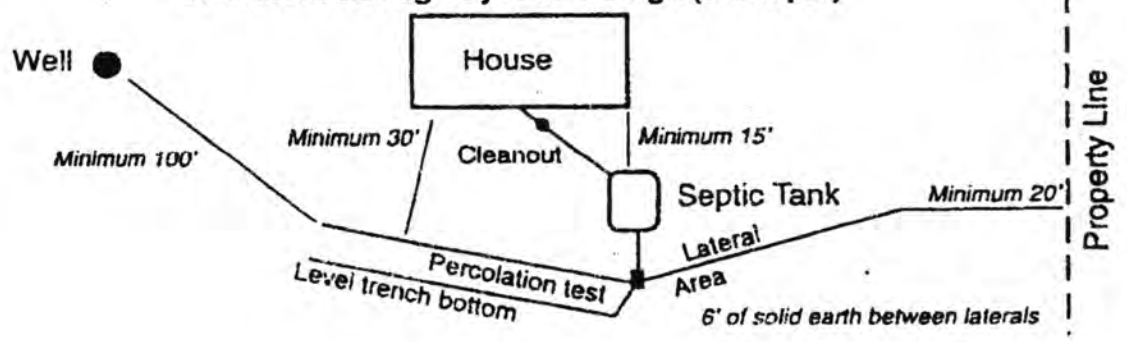
(Provide as-built drawings on back of this form)

1. Type: ☑ Half rounds ☐ Perforated pipe
   Diameter of half round: 16" Infiltrator
   or perforated pipe: _____
   Material: ☐ fiberglass ☑ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number 3-96
   Length of each line: _____ ft. _____ ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width 4 ft.
   Slope 2 in/100 ft.
   Average depth 28 in
4. Filter material: Road Gravel
   Depth of material 16-18 in.
5. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

Indicate North with Arrow

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

Individual Sewage System Design (Example)



FORM 23-103 10-95

As Built Drawing by Larry Schevarek for Mann Custom Homes

4-24-00

