# LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT

FILE NO. 1158-C

INDIVIDUAL SEWAGE SYSTEM CONSTRUCTION
TYPE OF PERMIT

March 2, 1978
THIS PERMIT EXPIRES

Randall Kumm El Rancho Trailer Ct., #21, Ashland, NE 68003
ISSUED TO ADDRESS

T12N, R6E, Sec. 26, Bl. 3, Lot 3, Add. Northridge Subdivision
LEGAL DESCRIPTION

REMARKS: NON-TRANSFERABLE

| PERMIT | INSPECTION FEE | OCCUPATION TAX | TOTAL |
|---|---|---|---|
| $ 30.00 | $ | $ | $ 30.00 |
| ACCOUNTING NO. | ACCOUNTING NO. | ACCOUNTING NO. | CODE |
| | 110.16 | 148.14 | 6-2 |

| RECEIPTED BY | DATE | AMOUNT |
|---|---|---|
| [illegible] | 9.2.77 | 30.00 |

VALID RECEIPT ONLY IF RECEIPTED IN THIS SPACE

HEALTH
ISSUING OFFICER

THIS PERMIT IS ISSUED AS PROVIDED BY COUNTY RESOLUTION NO. 2832

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

City Ordinance No. 9150 ☐

County Resolution No. 2832 ☒

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

FILE NO. 1158-C

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

DATE: 2SEP77

The undersigned hereby requests SITE CLEARANCE to construct an Individual Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

1. Legal description of property: Twp. 12N ; Range 6E ; Section 26
Block 3 ; Lot 3 ; Addition NORTH RIDGE SUBDIVISION
Street Address 14TH AND DAVEY Rd

2. Property Use: Residential ☒ ; Commercial ☐
No. of Bedrooms 3 . Describe:

Other Use ☐
Describe:

3. Type of Individual Sewage Disposal System: Septic Tank ☒ ; Other ☐

4. Distance to public sewer: ft.

Randall C. Humm
Signature of Applicant (Owner or Lessee)

EL RANCHO #21 ASHLAND, NEBR.
Address

(Do not write below this double line)

REVIEWING ACTION

1. Health Department: Date Rec'd. 9/2/77 . Date Frwd. 9/2/77 . ACTION: Approved ☒ Disapproved ☐ Signature: Jerrold C. Voss

2. Supt. Bldg. Insp.: Date Rec'd. 9-2-77 . Date Frwd. 9-2-77 . ACTION: Approved ☒ Disapproved ☐ Signature: Tom Beach

3. City or County Engineer: Date Rec'd. 9-2-77 . Date Frwd. 9-2-77 . ACTION: Approved ☑ Disapproved ☐ Signature: Henry Graff

REMARKS OR REASONS FOR DISAPPROVAL

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

FORM HD-42(73) APPLICATION FOR PERMIT TO CONSTRUCT INDIVIDUAL SEWAGE DISPOSAL SYSTEM

City Ordinance No. 9150 ☐
County Resolution No. 2832 ☒

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

FILE NO. 1158-C

DATE: 2 SEP 77

TO: Director of Health
Lincoln-Lancaster County Health Dept.

The undersigned hereby applies for a permit to construct an Individual Sewage Disposal System in conformance with appropriate Ordinance or Resolution, as described in this application and the annexed forms attached hereto.

1. Legal description of property: Twp. 12N ; Range 6E ; Section 26 ; Block 3 ; Lot 3 ; Addition NORTH RIDGE .
Street Address 14TH AND DAVEY ROAD.

2. Property Use: Residential ☒ Commercial ☐
No. of Bedrooms ____ Describe: ____
Other Use ____
Describe: ____

3. Type of Individual Sewage Disposal System: Septic Tank ☒ Other ☐

4. Plans and Specifications of Proposed System. (See FORM HD-45(73) PLANS & SPECIFICATIONS, SEWAGE DISPOSAL SYSTEM, attached hereto.)

5. Soil Absorption Properties. (See FORM HD-43(73) SOIL ABSORPTION TEST DATA REPORT, attached hereto).

Randall E. Hamm
Signature of Applicant (owner or lessee)

E L RANCH #21 ASHLAND, NEBR.
Address

(Do not write below double line)

REVIEWING ACTION

1. Date Rec'd; ____
Filing Fee: $ 30.00

2. Site Visits:
Date: 5-24-78 by: jw
Date: ____ by: ____
Date: ____ by: ____

3. Date: Approved ☒ Disapproved ☐ 9/2/77
by: Jerold E. Hood

4. INSTALLATION FINAL WRITTEN APPROVAL
Date: 6-9-78 by: James Weverka

FORM HD-43 (73) SOIL ABSORPTION TEST DATA REPORT
(Annex to Application)
(Reference: City Ordinance No. 9150 and County Resolution No. 2832)

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502 (Phone 474-1541)

FILE NO. 1158-C

PROPERTY WHERE SOIL TESTED:
Location: Township 12N : Range 6E
Section & ¼ Sect. NE¼ OF SEC 26
Property Dimensions: 365 ft. x 390 ft.
Area: _____ acres. (Attach sketch of property showing hole location).
Soil Type: (Silty Clay) ; Silty Clay Loam ; Sandy Loam
Silty Loam ; Clay Loam ; Sandy Clay

Owner: RANDALL E. KNMM
EL RANCHO #21
Address: ASHLAND, NEBR.

Dates of Tests: 27 AUG 77 to 28 AUG 77. Weather: Precip. NONE Temp. 80°

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 | | | | |
| Hold 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" | 27A | 3:00 | 27A | 7:00 | 28A | 6:30 | 26 | 7:00 | 27½ | 30 | 1½ | 20 |
| 2 | 36" | 27A | 3:00 | 27A | 7:00 | 28A | 6:30 | 19½ | 7:00 | 23¾ | 30 | 4¼ | 7 |
| 3 | 36" | 27A | 3:00 | 27A | 7:00 | 28A | 6:30 | 18½ | 7:00 | 22½ | 30 | 4 | 7½ |
| 4 | 36" | 27A | 3:00 | 27A | 7:00 | 28A | 6:30 | 21¼ | 7:00 | 25⅔ | 30 | 4½ | 6⅔ |
| 5 | 36" | 27A | 3:00 | 27A | 7:00 | 28A | 6:30 | 22¼ | 7:00 | 24 | 30 | 1¾ | 17 |
| 6 | 36" | 27A | 3:00 | 27A | 7:00 | 28A | 6:30 | 20 | 7:00 | 22¼ | 30 | 2¼ | 13⅓ |

Sum of Percolation Rates: 71½
Average of Rates: 12 MIN/IN
Mean of Rates:

Randall E. Knmm
Signature of Person Conducting Test

Address EL RANCHO #21 ASHLAND NEBR.
Phone 944-3402

(Do not write below this line)

REVIEWING ACTION

REMARKS: Sharpsburg Silty Clay Loam (S.C.S.)
DATE: September 2, 1977

Approved Percolation Rate (a)
A. 10 min./inch
B. _____ min./inch
C. _____ min./inch

Jerrold C. Hood
Signature of Reviewing Official

1. 4. 5.

2. 3. 6.

| HOLE | 3:00 | 3:30 | 4:00 | 4:30 | 5:00 | 5:30 | 6:00 | 6:30 | 6:45 | 7:00 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11¼ | 17½ | (21¾)(4¾) | 11½ | 17" | 20¾ | 23½ | (26") | 27" | (27½) |
| 2 | 15¼ | 22¼ | 27" (7¼) | 16" | 21¾ | 25¼ | EMPTY REFILL TO 14¾ | (19½) | 21¾ | (23¾) |
| 3 | 11½ | 18¼ | 23¾ (7) | 13¾ | 20¼ | 24" | EMPTY REFILL TO 15¼ | (18½) | 20½ | (22½) |
| 4 | 13¼ | 20½ | 26" (5¾) | 13½ | 20½ | 25" | REFILL TO 16¾ 29" | (21¼) | 23½ | (25¾) |
| 5 | 6" | 11½ | 15¾ (5½) | 10¼ | 14½ | 17¾ | 20" | (22¼) | 23¾ | (24) |
| 6 | 4¾ | 9¼ | 13¼ (4) | 8 | 12" | 14½ | 17¾ | (20") | 21¼ | (22¼) |
| | 3:05 | 3:32 | 4:05 (4:10) | 4:32 | 5:04 | 5:32 | 6:05 | 6:32 | 6:47 | 7:02 |

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

(Annex to Application)
City Ordinance No. 9150 ☐
County Resolution No. 2832 ☐

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

FILE NO. 1158-C

SPECIFICATIONS

DATE: 2SEP77

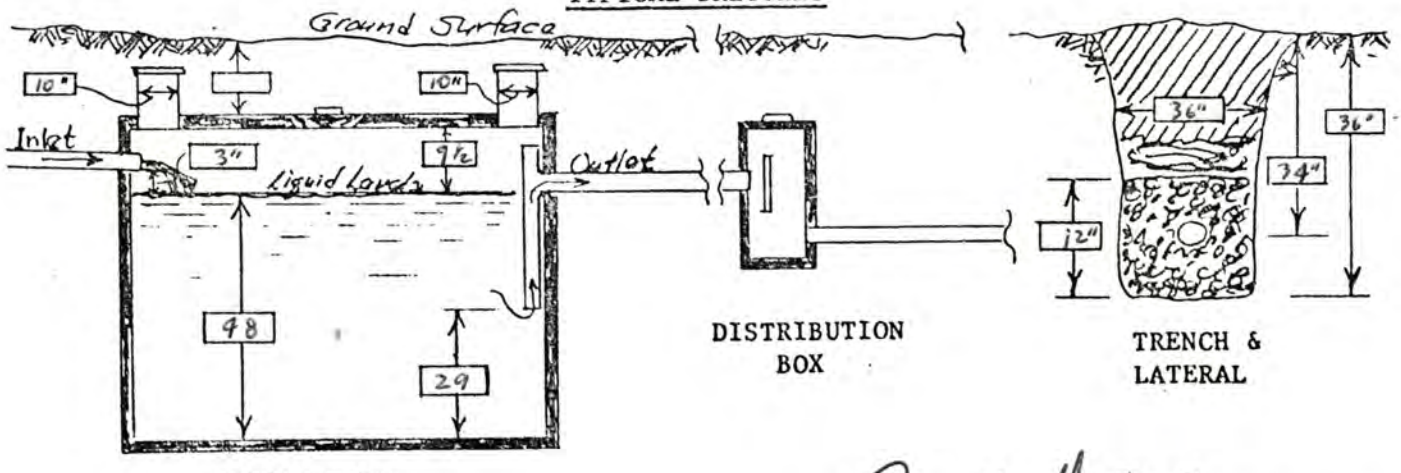
A. BUILDING SEWER:
1. Material ABS PLASTIC; Diameter 4 in.
2. Distance above basement floor ____ in.; or below basement floor 12 in.
3. Distance between dwelling and septic tank ____ ft.
4. Number of clean-outs 0.
5. Distances To:
Well or Suction Line N/A ft.;
Stream N/A ft.; Pressure Line 96 ft.;
Property Line 96 ft.

B. SEPTIC TANK (Provide construction drawings.)
1. Material FIBERGLASS; No. of compartments 1.
2. Capacity 1000 gals.; Liquid depth 48 in.
3. Factory Built: Yes ☒ (Company CORRAGLASS
No ☐
4. Manholes: Over Inlet; diam. 10 in.
Over Outlet; diam. 10 in.
Below Grade 48 in.
5. Inlet: Baffle ☐; or Tee ☐
6. Outlet: Baffle ☐; or Tee ☒
Depth of outlet below inlet 3 in.
7. Depth of top of tank below finished grade 48 in.
8. Distances To:
Well or Suction Line NA ft.;
Stream N/A ft.; Pressure Line 96 ft.;
Property Line 96 ft.

C. DISTRIBUTION BOX
1. Material ____; No. available outlets ____.
2. Factory Built: Yes ☐, (Company ____
No ☐
3. Dimension: Length ____ in.; Width ____ in. Depth ____ in.
4. Distance from Septic Tank ____ ft.
5. Serial Distribution: Yes ☐, No ☐ (If yes, show detailed plans.)

D. ABSORPTION FIELD: (Provide drawings.)
1. Type: DISPOSAL TRENCH
2. Lateral Lines: Depth below grade 36 in. Number 3; Length of each line 65 ft Total length of Laterals 195 ft.; Slope 6 in/100 ft. Diameter of pipe 4 in.; Shape ROUND
Material: concrete ☐; fiber asbestos ☐; clay ☐; other PLASTIC
Distance between lateral lines 10 ft.
3. Trench Dimensions: Depth 36 in.; Width 36 in.
4. Filter Material: GRAVEL.
Depth of material from trench bottom 12 in.
5. Distances To:
Well or Suction Line N/A ft.;
Stream N/A ft.; Pressure Line 96 ft.
Property Line 96 ft.
6. Percolation Rate: 15 minutes/inch

TYPICAL SKETCHES




SEPTIC TANK

DISTRIBUTION BOX

TRENCH & LATERAL

Randall C. Hamm
Signature of Applicant

FORM 20104-0477
PLANS & SPECIFICATIONS FOR SEWAGE DISPOSAL SYSTEM (Annex to Application)
City Ordinance No. 9150 ☐
County Resolution No. 2832 ☐

LINCOLN-LANCASTER COUNTY HEALTH DEPARTMENT
Division of Environmental Health
2200 St. Marys Avenue
Lincoln, Nebraska 68502
Phone: 474-1541

**D**

DATE: 6/1/78

FILE NO. _____

Randy Kuxmo, 1515 Sharp Bldg

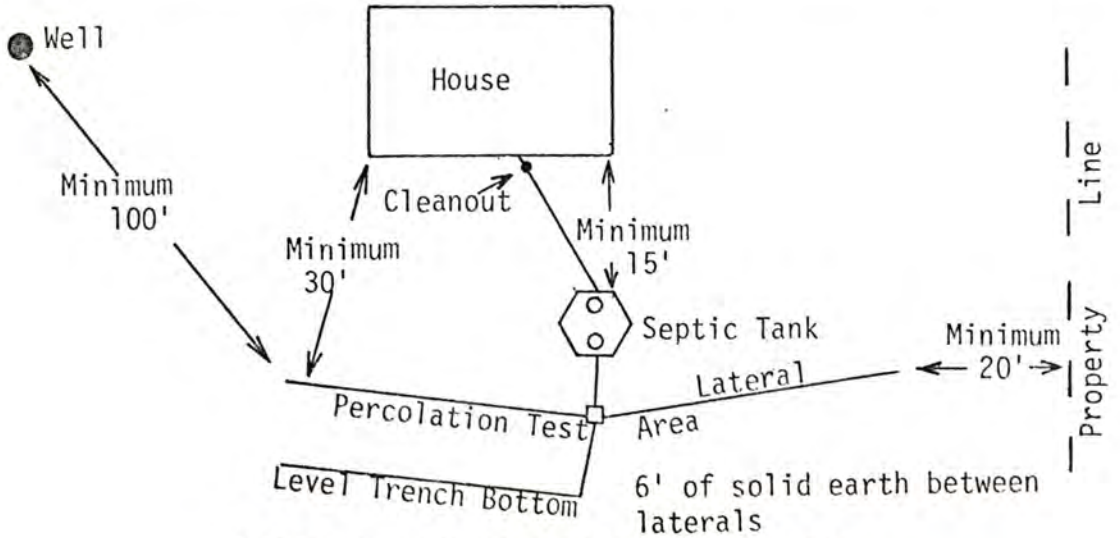
SPECIFICATIONS AS BUILT

A. BUILDING SEWER:
1. Material _____; Diameter _____ in.
2. Distance above basement floor _____ in., or below basement floor _____ in.
3. Distance between dwelling and septic tank 55 ft.
4. Number of clean-outs 1.
5. Distances to:
Well or Suction Line _____ ft.; Stream _____ ft.; Pressure Line _____ ft.; Property Line 225 ft.

B. SEPTIC TANK:
1. Material fiberglass; No. of compartments _____.
2. Capacity 1000 gals.;
3. Factory Built: Yes ☒ No ☐
(Company Cook & Blow)
4. Manholes: Over Inlet; diam. 8 in.
Over Outlet; diam. 8 in.
Riser Above ☐ Below ☐ Grade ___ in.
5. Inlet: Baffle ☒ ; or Tee ☐
6. Outlet: Baffle ☐ ; or Tee ☒
7. Depth of top of tank below finished grade 24 in.
8. Distances to:
Well or Suction Line 400 ft.; Stream _____ ft.; Pressure Line _____ ft.; Property Line _____ ft.

C. DISTRIBUTION BOX:
1. Material plastic; Number - available outlets 7.
2. Factory Built: Yes ☒ No ☐
(Company _____)
3. Distance from Septic Tank 8 ft.

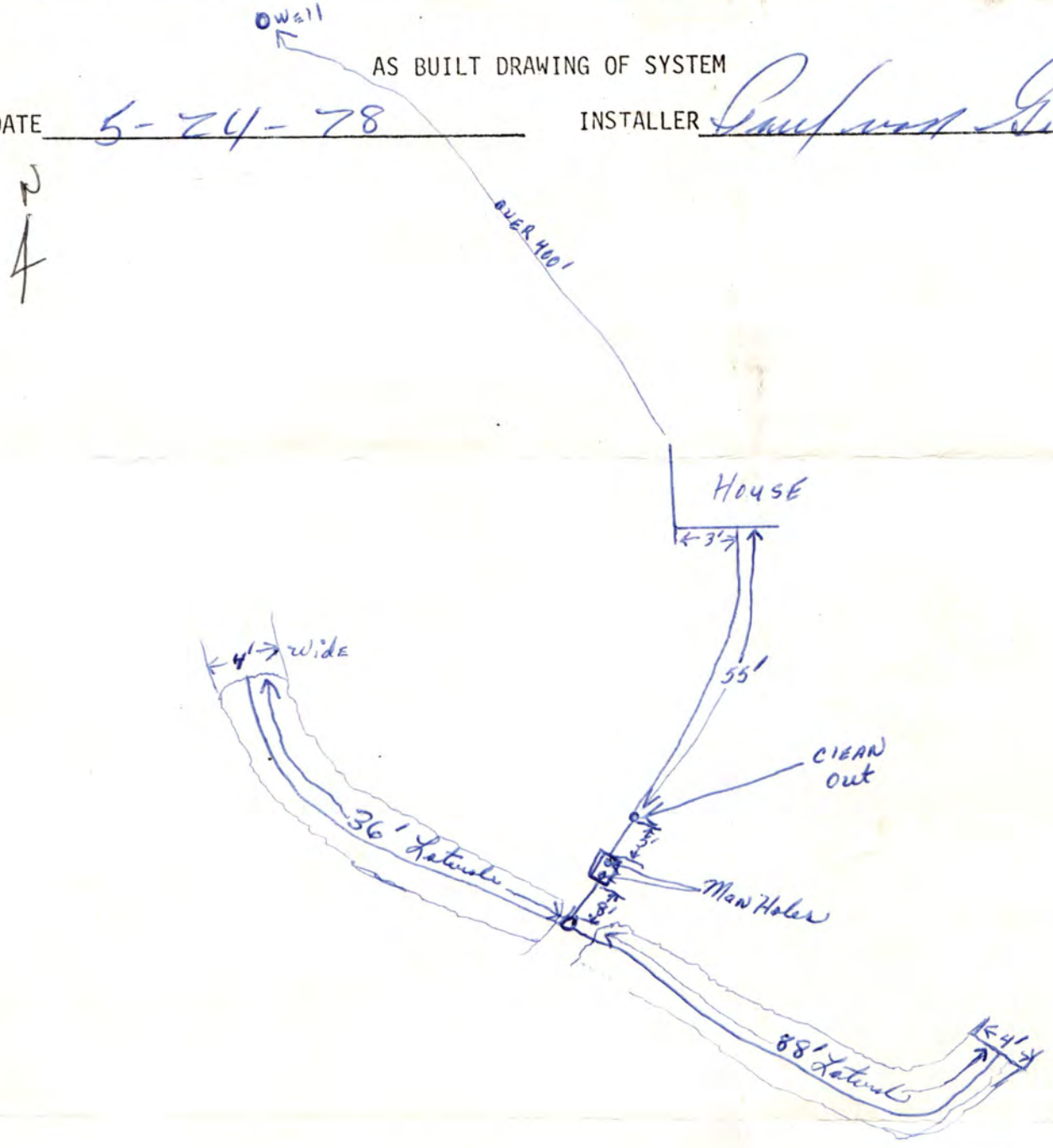
D. ABSORPTION FIELD: (Provide as built drawings on back of this form)
1. Type: Half Rounds ☒ Perforated Pipe ☐
Diameter of Half Round 12" or Perforated Pipe _____.
Material: fiberglass ☒ ; plastic ☐ ; concrete ☐ ; other _____.
2. Lateral Lines:
Number 2; Length of each line 88, 36, _____, _____, _____ ft.;
Total length of laterals 124 ft.;
Distance between lateral lines 5 ft.
3. Trench dimensions: Width 4 ft.;
Slope 2 1/2 in/100 ft.; Average Depth 30 in.
4. Filter Material: road grade gravel
Depth of Material 14 in.
5. Distances to:
Well or Suction Line 400 ft.; Stream _____ ft.; Pressure Line _____ ft.; Property Line 225 ft.



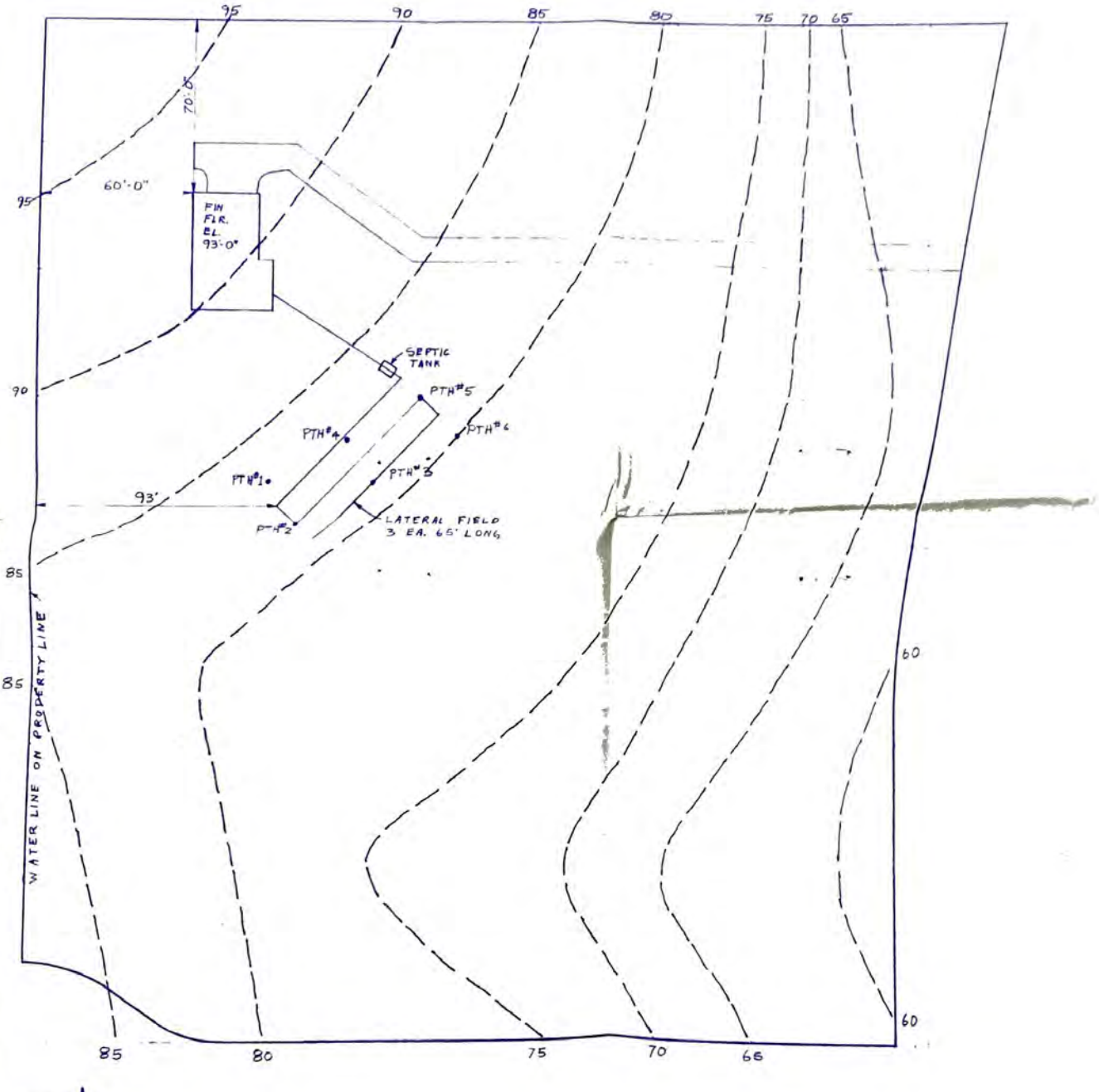

TYPICAL INDIVIDUAL SEWAGE SYSTEM DESIGN

AS BUILT DRAWING OF SYSTEM

DATE 5-24-78 INSTALLER Samuel Gillum




Road




SITE PLAN LOT 3 BLK3 NORTHRIDGE ACRES 26T10NR6E PHASE II
SCALE: 1" = 40'

R. + E. Kumm House
NORTH RIDGE
9TH + DAVEY RD.