Lincoln-Lancaster County Health Department

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

Permit

SEWAGE INSTALLATION
OTHER SEWAGE DISPOSAL SYSTEM

Establishment

LINCOLN ELECTRIC SYSTEM
T11N R7E SEC 22
N 1/2
77TH & BLUFF RD

Permittee

LINCOLN ELECTRIC SYSTEM
1040 O ST
LINCOLN NE 68508

Permit # 02380251401

Issued 08/08/02
Expires 02/08/03
Revenue Code 3157

FEES: $200.00

TOTAL: $200.00

Bruce D. Dart

Bruce D. Dart, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

002774

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

A

Permit Number: 0238025 14

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 77th & BLUFF ROAD (no rural route) City LINCOLN NE, Zip 68507

Legal Description N 1/2 (1/4) 22 (Section) 11N (Township) 7E (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 LINCOLN ELECTRIC SYSTEM Signature _____

Address 1040 "O" ST. City/State/Zip LINCOLN, NE 68508

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

C. Contractor

Name GENERAL EXCAVATING Company Name _____

Address 6701 CORNHUSKER HWY. City/State/Zip LINCOLN, NE 68507

☐ Check if contractor designed system Work Phone (402) 467-1627

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

Designer Name GEOFF YOUNG Firm BURNS & MCDONALD Work Phone (816) 822-4253

E. This System Will Serve a

☐ Residential Dwelling Number of Bedrooms _____ Is there a Whirlpool Bathtub YES (NO)

☒ Commercial Establishment/Other Facility Specify LINCOLN ELECTRIC SYSTEM POWER PLANT

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 8/8/02 Date frwd 8/8/02 ACTION ☒ Approved ☐ Disapproved Signature Jerrold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 8-8-02 Date frwd 8-8-02 ACTION ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd 8/8/02 Date frwd 8/8/02 ACTION ☒ Approved ☐ Disapproved Signature Chas Baker

8-21-02 run bottom 1/2 installed
9-27-02 visible foot seal

Installation Final Written Approval

By _____

Date 9-5-02

Business Office Use Only
Date Rec'd 8/8/02
Amt Paid 200.00
Rec'd By _____ Cash/Check No. 076938

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

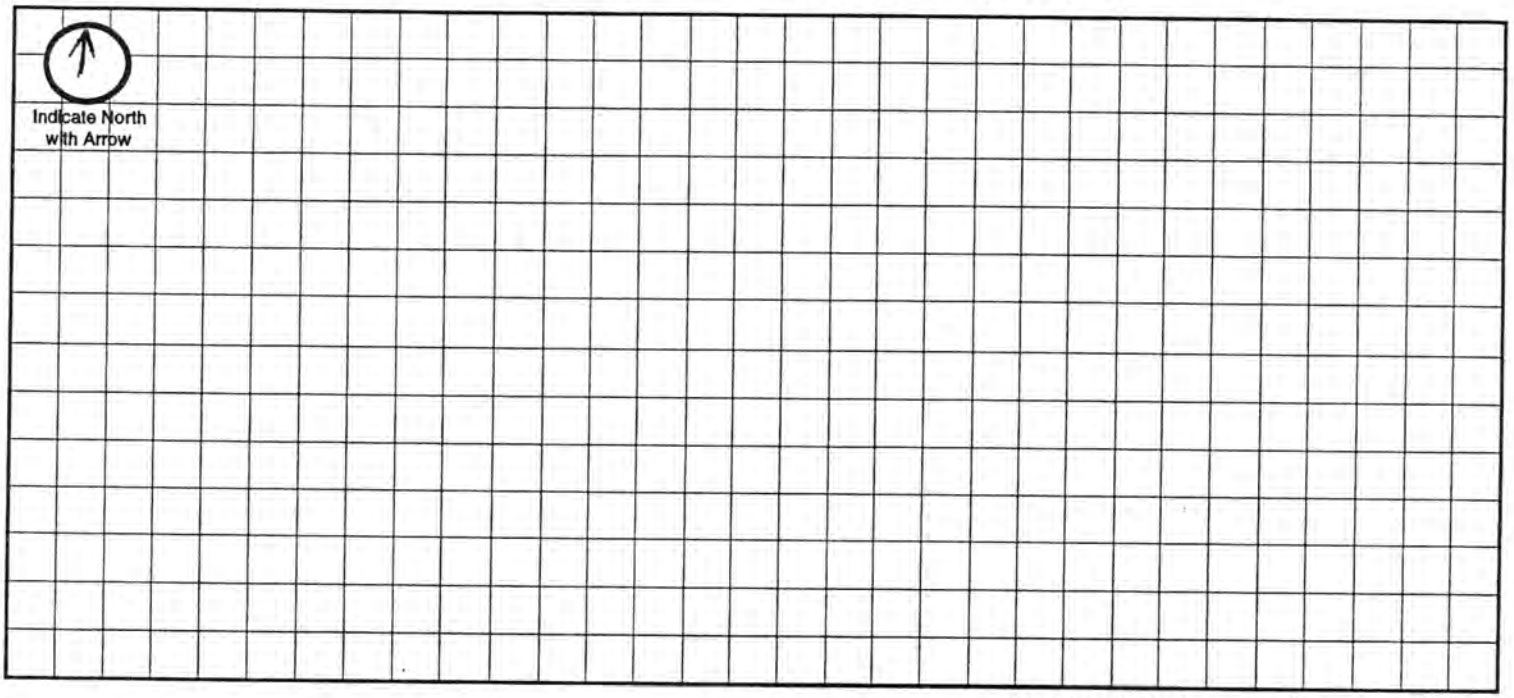
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 023802514

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) 77th & BLUFF ROAD City LINCOLN NE, Zip 68507

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other _____

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

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

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

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

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

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

Total Length of Laterals _____ ft. Number of Trenches _____ Trench Width _____

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 GENERAL EXCAVATING / [signature] Date 8/7/02

Installer GENERAL EXCAVATING [signature] Date 8/7/02

FORM 23-102 10-96

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

D

Permit Number: 02380251C

Sewage Disposal System

As Built Plans & Specifications

Date 8/6/02

System Location (Indicate correct number and street)

Address 77th & BLUFF RD (no rural route) City LINCOLN NE, Zip 68507

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: 2
5. Distances to: well or suction line — ft.
   stream — ft.
   pressure line 400 ft.
   property line 1300 ft.

B. Septic Tank

1. Material: CONCRETE
   Number of compartments: 2
2. Capacity: 3,500 gal.
3. Factory built: ☑ Yes ☐ No
4. Manholes: Over inlet, diameter 20 in.
   Over outlet, diameter 20 in.
   Riser: ☑ above ☐ below grade 6 in.
5. Inlet: ☐ baffle ☑ tee
6. Outlet: ☐ baffle ☑ tee
7. Depth to top of tank, below unfinished grade: 9'8" in.
8. Distances to: Well or suction line — ft.
   Stream — ft.
   Pressure line 450 ft.
   Property line 1400 ft.

C. Distribution Box

1. Material: —
   Number available outlets:
2. Factory built: ☐ Yes ☐ No
3. Distance from septic tank: ft.

D. Absorption Field

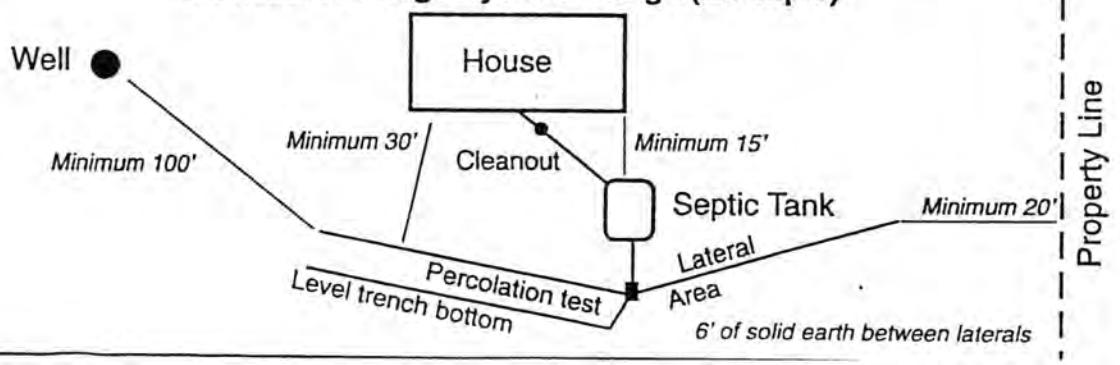
(Provide as-built drawings on back of this form)

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

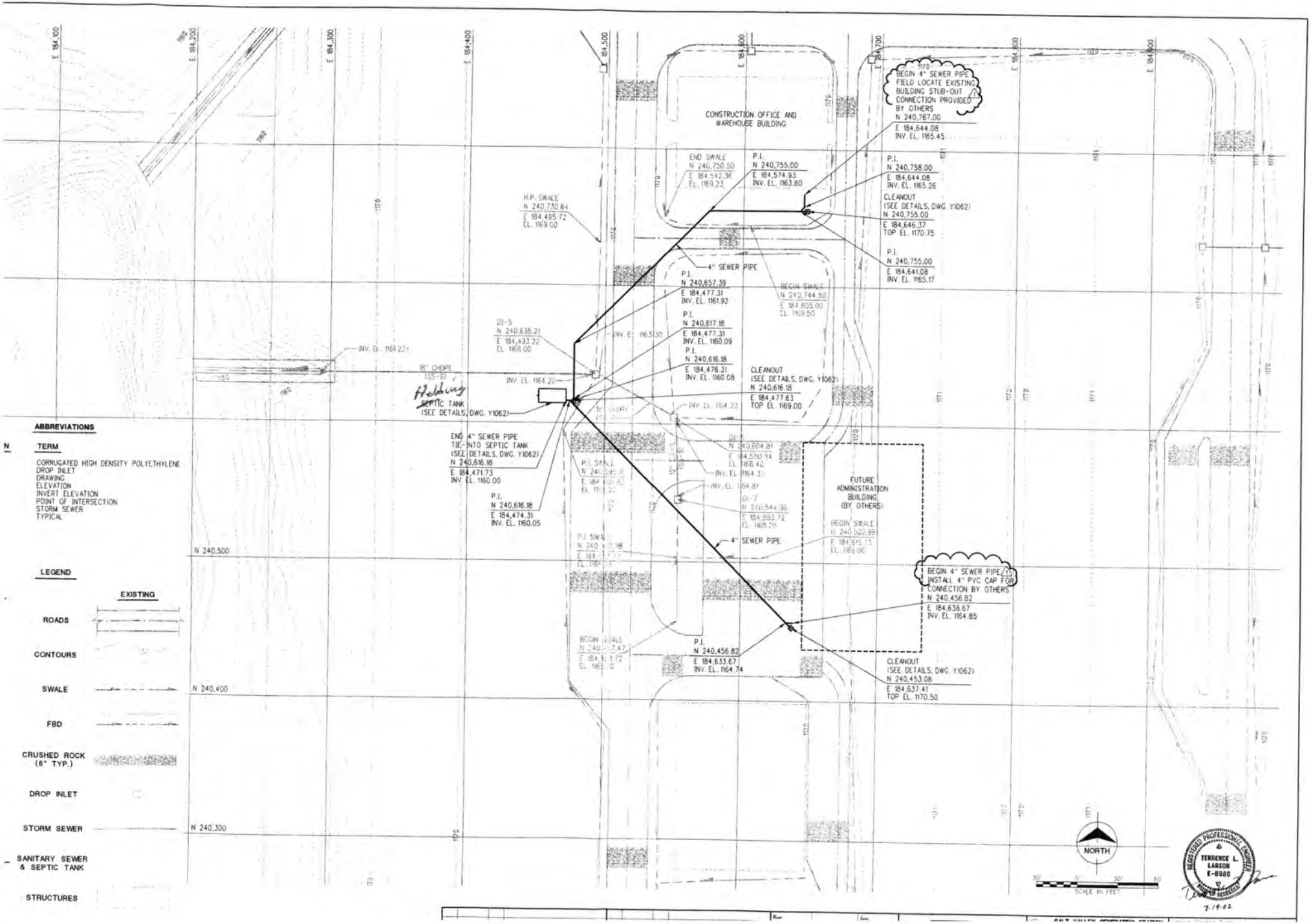
Complete "As Built" drawing on back of this form.

Indicate North with Arrow

Individual Sewage System Design (Example)



FORM 23-103 10-96

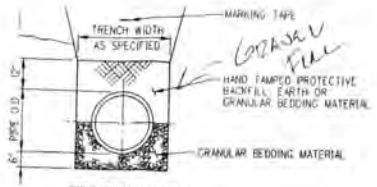


ABBREVIATIONS

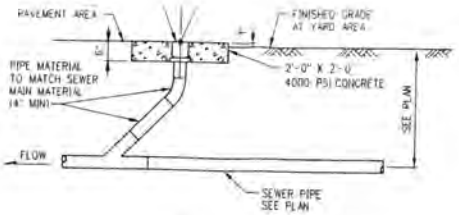
	TERM
	CORRUGATED HIGH DENSITY POLYETHYLENE
DI	DROP INLET
DWG.	DRAWING
EL.	ELEVATION
INV. EL.	INVERT ELEVATION
P.I.	POINT OF INTERSECTION
SS	STORM SEWER
TYP.	TYPICAL

LEGEND

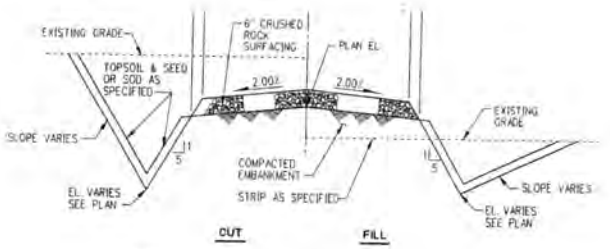
	EXISTING
ROADS	
CONTOURS	
SWALE	
FBD	
CRUSHED ROCK (6" TYP.)	
DROP INLET	
STORM SEWER	
SANITARY SEWER & SEPTIC TANK	
STRUCTURES	



PIPE TRENCH DETAIL
NOT TO SCALE



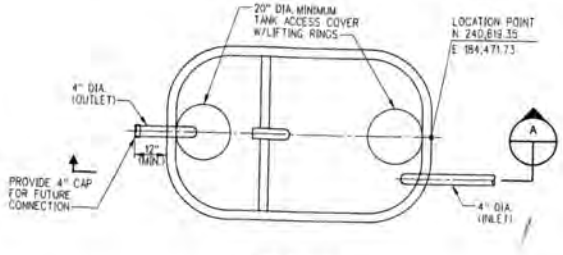
SEWER CLEANOUT DETAIL
NOT TO SCALE



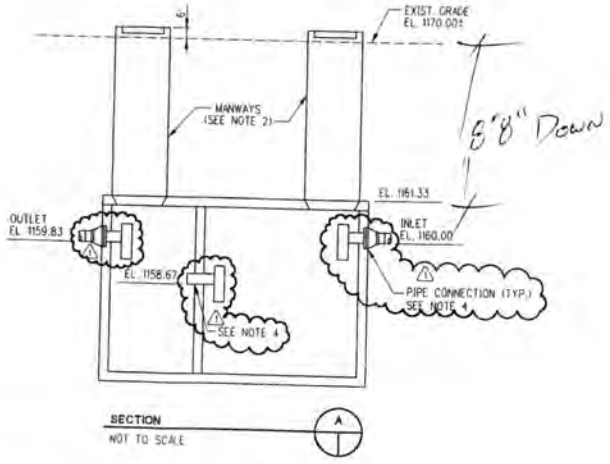
NOTES:

1. THIS SECTION IS FOR REFERENCE ONLY AND MAY NOT REFLECT EXISTING CONDITIONS AT TIME OF SANITARY SEWER INSTALLATION.
2. SANITARY SEWER CONTRACTOR SHALL REPAIR EXISTING ROADWAYS, LAYDOWN AREAS, AND SWALES UPON COMPLETION OF SEWER PIPE INSTALLATION TO PRE-CONSTRUCTION CONDITION PER SPECIFICATIONS AND SECTION ABOVE.

TYPICAL ROAD SECTION
NOT TO SCALE



SEPTIC TANK PLAN
NOT TO SCALE



SECTION
NOT TO SCALE

NOTES:

1. CONTRACTOR SHALL PROVIDE A VISIBLE FLOAT THAT INDICATES THE TANK IS 90± FULL.
2. MANWAYS SHALL BE DESIGNED FOR H20 LOADING AND SHALL PROVIDE MINIMUM CLEARANCE AS REQUIRED BY OSHA.
3. SEE SPECIFICATIONS FOR SEPTIC TANK SIZE AND DESIGN REQUIREMENTS.
4. EXTERIOR PIPE TO TANK CONNECTION SHALL BE PSX-POSITIVE SEAL AS MANUFACTURED BY PRESS-SEAL GASKET CORP., FT. WAYNE, INDIANA, OR ENGINEER APPROVED EQUAL. INTERIOR PIPE MAY BE GROUTED INTO CHAMBER SEPARATION WALL.

REGISTERED PROFESSIONAL ENGINEER — TERRENCE L. LARSON E-9980 — OF ARIZONA

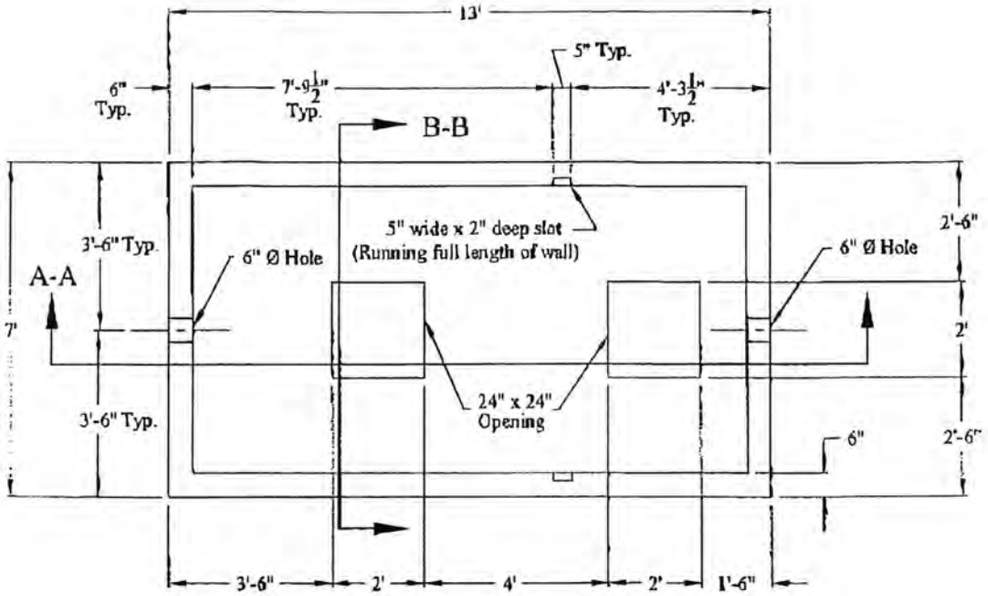
No.	Date	By	Revision
2	7/19/02	KJA	ISSUED FOR CONSTRUCTION
1	7/15/02	KJA	REVISED PER OWNER COMMENTS
0	7/3/02	KJA	ISSUED FOR CONSTRUCTION

Designed	C. ALTEE	05-28-02
Engineer	D. YOUNG	05-31-02
Checked	R. OWENS	07-17-02
Approved		
Surveyed		

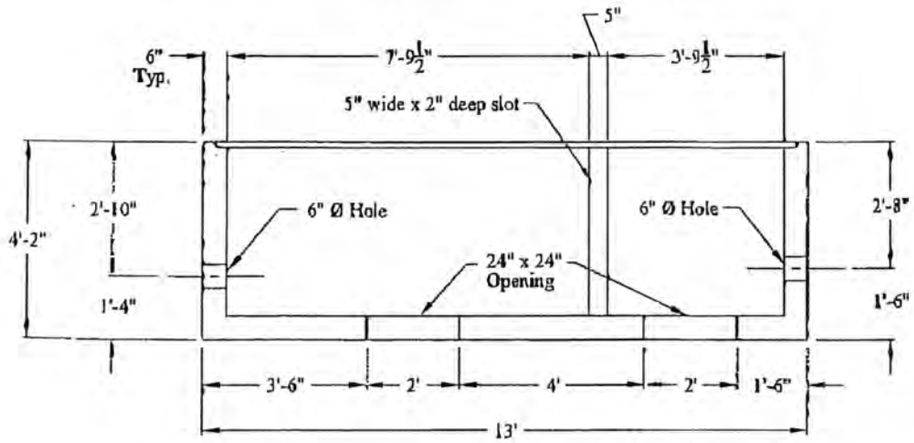
Burns & McDonnell — Project No. 19919

SALT VALLEY GENERATING STATION
CONTRACT 176
SANITARY SEWER
SANITARY SEWER & SEPTIC TANK DETAILS

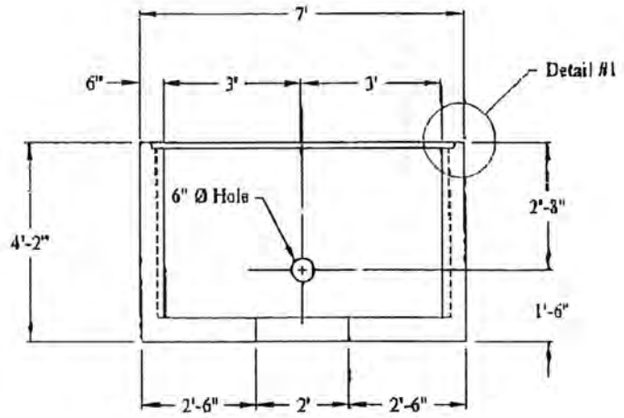
Drawing No. Y1062 Rev. 1



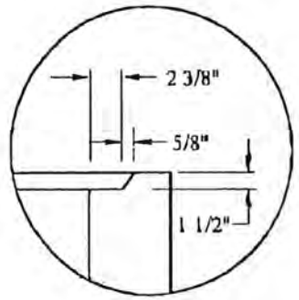
Section A-A



Section B-B



Detail #1

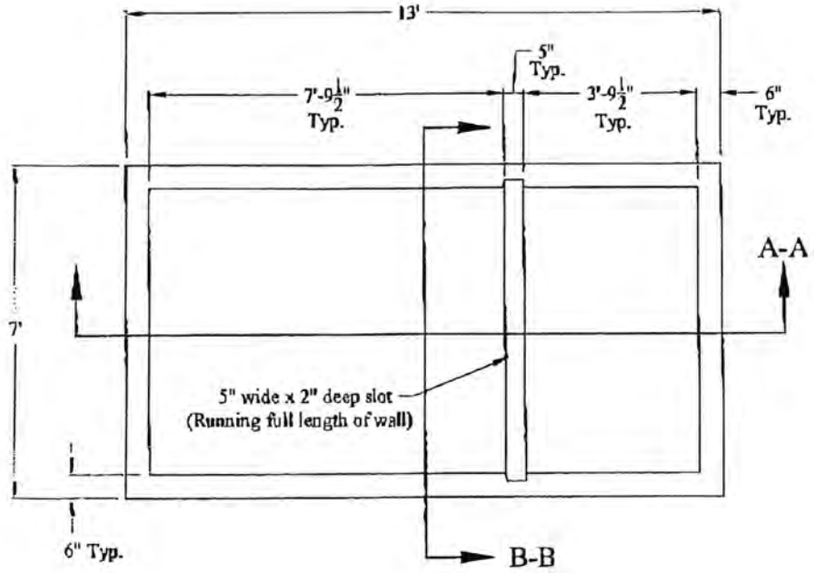


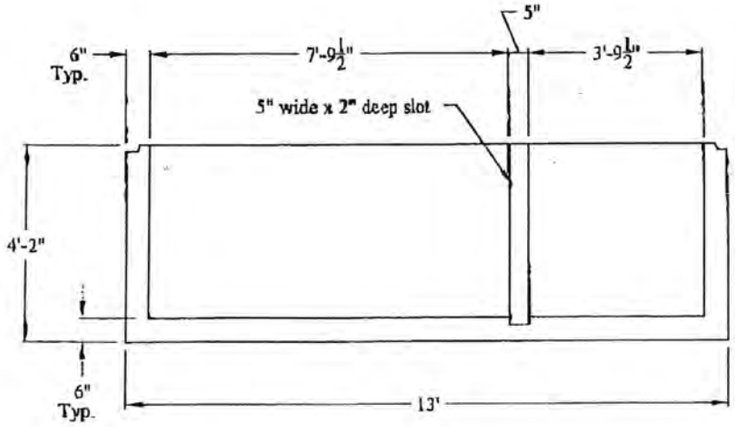
General Excavating Septic Tank

American Concrete Products Company
5353 South 69th Street
Omaha, NE 68117
(402)331-5775 Fax (402)331-0742

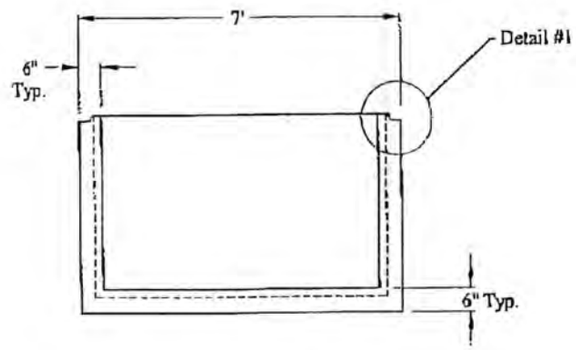
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No Scale	Dwg #: American-6x12-#1	

FROM : AMERICAN CONCRETE PRODUCTS PHONE NO. : 402 331 5775 Aug. 05 2002 10:16AM P4

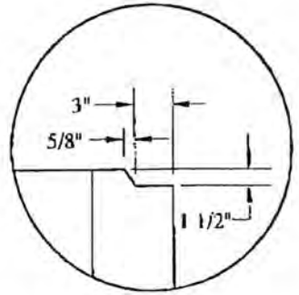




Section A-A



Section B-B



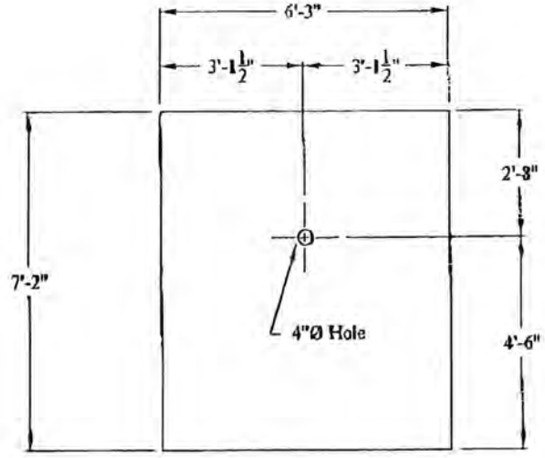
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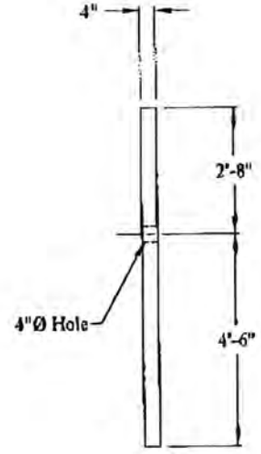
General Excavating Septic Tank

American Concrete Products Company
5353 South 69th Street
Omaha, NE 68117
(402)331-5775 Fax (402)331-0742

Weight: #15,000	Date: 7/5/02	Qty:
No Scale	Dwg #: American-6x12-#2	

FROM : AMERICAN CONCRETE PRODUCTS PHONE NO. : 402 331 5775 Aug. 05 2002 10:15AM P3





General Excavating Septic Tank

American Concrete Products Company
5353 South 69th Street
Omaha, NE 68117
(402)331-5775 Fax (402)331-0742

Weight: #15,000	Date: 7/5/02	Qty:
No Scale	Dwg #: American-6x12-#3	

FROM : AMERICAN CONCRETE PRODUCTS PHONE NO. : 402 331 5775 Aug. 05 2002 10:15AM P2