Lincoln-Lancaster County Health Department

ENVIRONMENTAL PUBLIC HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514

003245

(402) 441-8000

Permit
SEWAGE INSTALLATION
SEPTIC SYSTEM

Permit # 03380275301

Issued 12/02/03
Expires 06/02/04
Revenue Code 3157

Establishment
ROBERT MILLER
T11N R7E SEC 9
VIEW POINTE NORTH LOT 7
12701 EMMAWALTER RD

FEES: $200.00

TOTAL: $200.00

Permittee
ROBERT MILLER
1265 S COTNER BLVD
APT 4
LINCOLN NE 68510

Bruce D. Dart

Bruce D. Dart, Health Director

EPH COPY

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

A

Permit Number: 03380275301

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 12701 EMMAWALTER Rd City Lincoln NE, Zip

(no rural route)

Legal Description 4.37AC 9 11N 7E View Pointe North #7
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 Robert Miller Signature Contractor, Pat Osth

Address Suite 4 1765 S. Cotner Blvd City/State/Zip Lincoln Ne 68510

☐ Check if owner designed system Home Phone 434-5878 Work Phone Cell 610-0288 TW

C. Contractor

Name Mike Dietze Company Name Waverly Plumbing & Well

Address Same City/State/Zip PO Box 116 Waverly NE 68462

☒ Check if contractor designed system Work Phone 402-786-5620

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

Designer Name Waverly Plumbing & Well Firm Mike Dietze Work Phone 7865620

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 12/2/03 Date frwd 12/2/03 ACTION ☒ Approved ☐ Disapproved Signature Jerold C. Hood
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd 12/2/03 Date frwd ACTION ☒ Approved ☐ Disapproved Signature
3. **City or County Engineer** Date rec'd 12-2-03 Date frwd 12-2-03 ACTION ☒ Approved ☐ Disapproved Signature Jim Blaugh

5-19-04, mm

Installation Final Written Approval

By Ron Magnuson

Date 5-19-04

Business Office Use Only

Date Rec'd 12/02/03

Amt Paid 200.00

Rec'd By LO Cash/Check No. 1281

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

B

Permit Number: 033802753

Sewage Disposal System

Soil Absorption Test Data Report

Annex to Application

PLEASE PRINT OR TYPE

System Location (Indicate correct number and street)

Address EMMA WALTER Rd (no rural route) City LINCOLN. NE, Zip _____

Owner Robert Miller Addresss Suite 4, 1265 South Cotner BLVD Lincoln

Soil Type (SCS): silty Clay Loam (Sharpsburg) Percolation Rate: 60 min./inch

Date of Tests 11/28 to 11/29 Weather: Precipitation none Temperature 35-50

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	11/28	9:00	11/29	10:00	11/29	1:30	32 1/4	11/29	2:00	30	3/4	40
2	38	11/28	9:00	11/29	10:00	11/29	1:30	35 5/16	11/29	2:00	30	11/16	44
3	36	11/28	9:00	11/29	10:00	11/29	1:30	31 15/16	11/29	2:00	30	13/16	37
4	37	11/28	9:00	11/29	10:00	11/29	1:35	32 3/4	11/29	2:05	30	3/4	40
5	39	11/28	9:00	11/29	10:00	11/29	1:35	35 1/8	11/29	2:05	30	1/2	60
6	38	11/28	9:00	11/29	10:00	11/29	1:35	33 3/8	11/29	2:05	30	11/16	44

Sum of Percolation Rates: 265
Average of Rates: 44
Rate Used for Calculation: 60

Person Conducting Percolation Tests

Name: Claude OIE RE-3939
Phone: 402-423-0614
Address 5910 So 52nd St. Ct.
Lincoln Ne. 68516

DO NOT WRITE BELOW THIS LINE

Reviewing Action

Remarks _____

Signature of Reviewing Official Gerald C. Hood R.E.H.S. Date _____

FORM 23-101 10-96

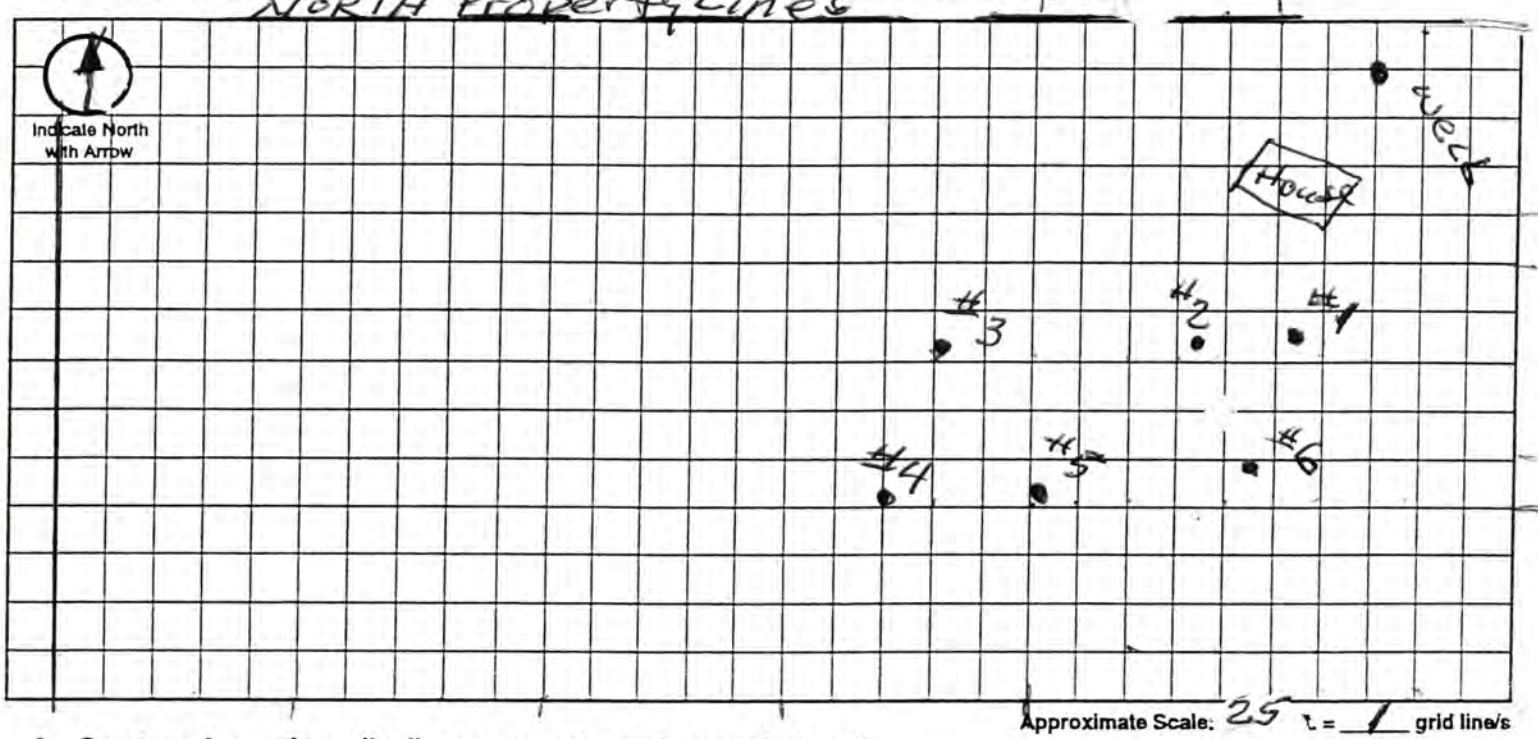
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 033802753

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.



A. System Location (Indicate correct number and street)

Address (no rural route) 12701 EMMA WALTER Rd City Lincoln NE, Zip

B. Proposed Septic Tank/s

Tank Material: ☒ Concrete ☐ Plastic ☐ Other

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

Percolation Rate 60 (min. per inch) Soil Type: SHARPSBURG SILTY CLAY LOAM Land Slope: %

Type of Absorption System: ☒ Trench ☐ Bed ☐ Other 4 feet wide with gravel

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

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

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 Trench Width 4 feet

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 John Patrick Orth Date 12-1-03

Installer Michael P Lutze Date 12-1-03

FORM 23-102 10-96

Robert Miller

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

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

Date 5-19-04

System Location (Indicate correct number and street)

Address 12701 Emma Walker Rd (no rural route) City Lincoln NE, Zip

A. Building Sewer

1. Material: PVC SDR-26
   Diameter: 4 in.
2. Distance above basement floor: N/A in.
   or distance below basement floor: 12" in.
3. Distance between dwelling and septic tank: ~~68~~ 61 ft.
4. Number of clean-outs: 1
5. Distances to: well or suction line 100 Plus ft.
   stream N A ft.
   pressure line N A ft.
   property line 100 Plus ft.

B. Septic Tank

1. Material: Concrete
   Number of compartments:
2. Capacity: 1500 gal.
3. Factory built: ☒ Yes ☐ No
4. Manholes: Over inlet, diameter 24 in.
   Over outlet, diameter 24 in.
   Riser: ☐ above ☐ below grade in.
5. Inlet: ☒ baffle ☐ tee
6. Outlet: ☒ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: 9" in.
8. Distances to: Well or suction line 100' Plus ft.
   Stream N A ft.
   Pressure line N A ft.
   Property line 100 ft.

C. Distribution Box

1. Material: Concrete
   Number available outlets: 5
2. Factory built: ☒ Yes ☐ No
3. Distance from septic tank: 10 ft.

D. Absorption Field

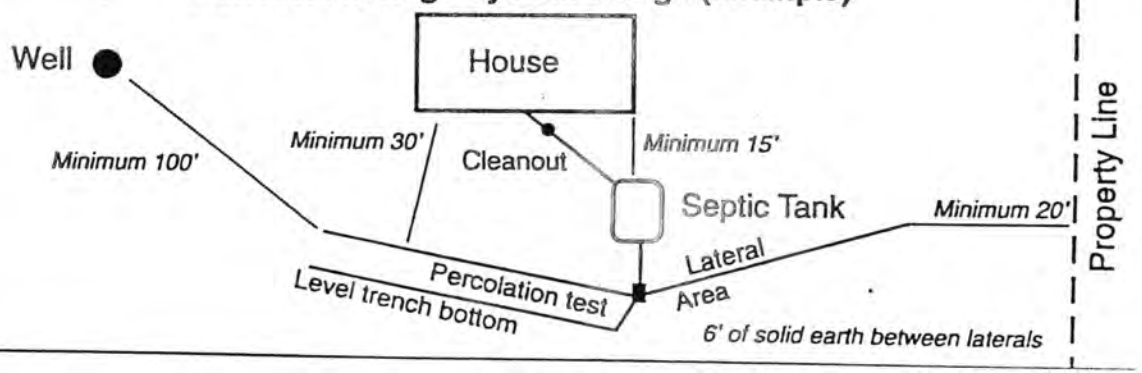
(Provide as-built drawings on back of this form)

1. Type: ☒ Half rounds ☐ Perforated pipe
   Diameter of half round:
   or perforated pipe:
   Material: ☐ fiberglass ☒ plastic ☐ concrete
   ☐ other IN filter
2. Lateral lines: Number 3
   Length of each line: 150 ft. 150 ft.
   50 ft. ft., ft.
3. Trench dimensions: Width 4 ft.
   Slope 6 in/100 ft.
   Average depth 30 in
4. Filter material: gravel
   Depth of material 24 in.
5. Distances to: Well or suction line 100' Plus ft.
   Stream N A ft.
   Pressure line N A ft.
   Property line 60' ft.

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

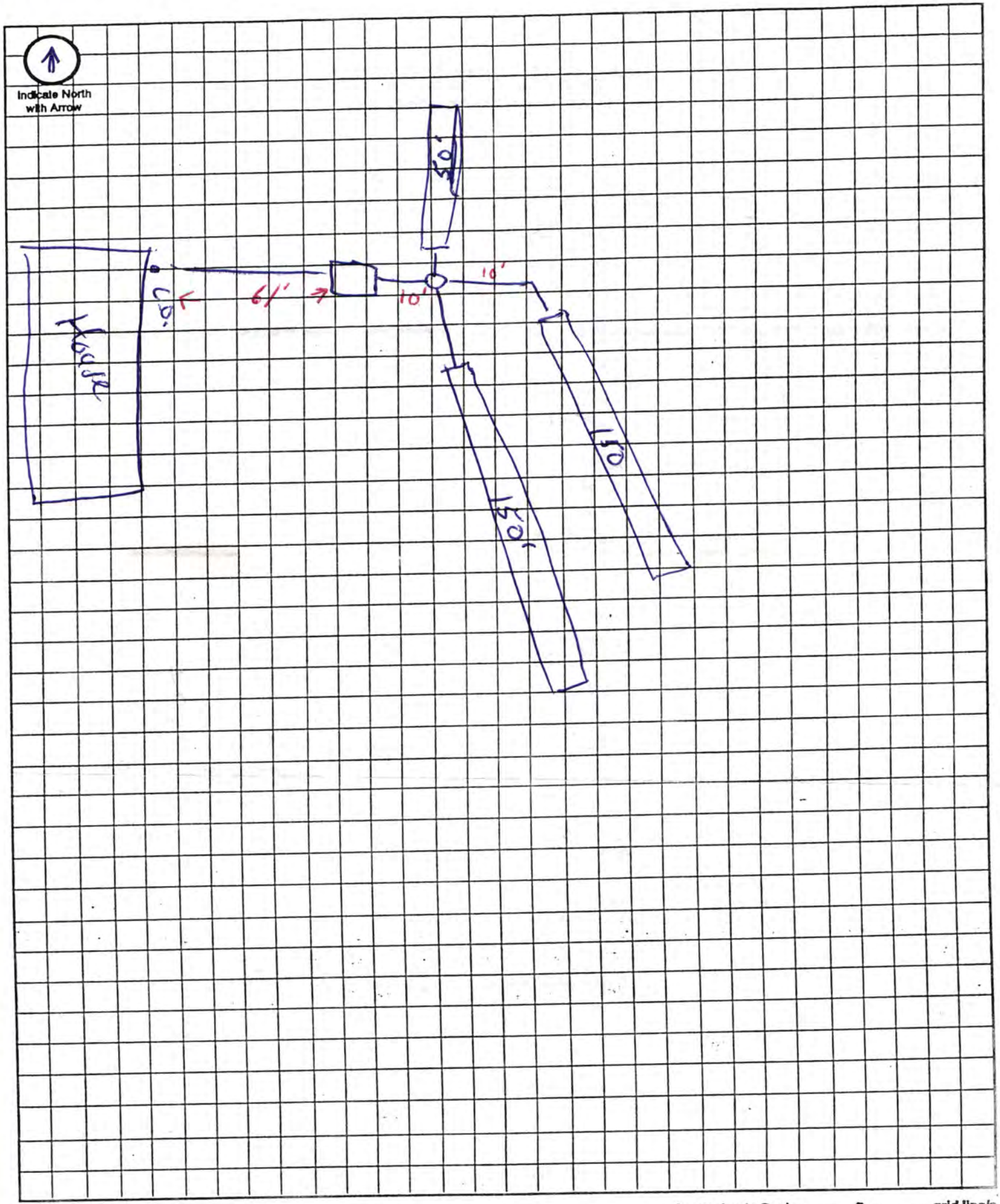
Indicate North with Arrow

Individual Sewage System Design (Example)



FORM 23-103 10-96

As Built Drawing



Approximate Scale: _____ ft. = _____ grid line/s