SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 289-3826

PROPERTY ADDRESS

Town Or Plantation	Augusta
Street Subdivision Lot #	Sunrise Circle

PROPERTY OWNERS NAME

Last: Poulin First: Richard

Applicant Name:	
Mailing Address of Owner/Applicant (If Different)	2 Sunrise Circle Augusta, Me. 04330

M4L2

AUGUSTA PERMIT # 369 TOWN COPY

Date Permit Issued: 12, 4, 84 $ 40 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 7,59

Owner/Applicant Statement

I certify that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Local Plumbing Inspector to deny a Permit.

Richard P. Poulin — Signature of Owner Applicant — Date 11/26/84

Caution: Inspection Required

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules.

Randall D. Guy — Local Plumbing Inspector Signature — Date Approved 12/18/84

PERMIT INFORMATION

THIS APPLICATION IS FOR:

1. ☐ NEW SYSTEM
2. ☒ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ SEASONAL CONVERSION
5. ☐ EXPERIMENTAL SYSTEM

THIS APPLICATION REQUIRES:

1. ☒ NO RULE VARIANCE REQUIRED
2. ☐ NEW SYSTEM VARIANCE Attach New System Variance Form
   ☐ REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form
   3. ☐ Requires only Local Plumbing Inspector Approval
   4. ☐ Requires both State and Local Plumbing Inspector Approval

INSTALLATION IS

COMPLETE SYSTEM

1. ☒ NON-ENGINEERED SYSTEM
2. ☐ PRIMITIVE SYSTEM (Includes Alternative Toilet)
3. ☐ ENGINEERED (+2000 gpd)

INDIVIDUALLY INSTALLED COMPONENTS:

4. ☐ TREATMENT TANK (ONLY)
5. ☐ HOLDING TANK
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☐ NON-ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

IF REPLACEMENT SYSTEM:

YEAR FAILING SYSTEM INSTALLED 1975

THE FAILING SYSTEM IS:

1. ☒ BED ? 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

DISPOSAL SYSTEM TO SERVE:

1. ☒ SINGLE FAMILY DWELLING
2. ☐ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☐ OTHER _____ SPECIFY

SIZE OF PROPERTY: 3/4 Ac.+/-

ZONING: yes

TYPE OF WATER SUPPLY

municipal

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. ☒ SEPTIC: ☐ Regular ☐ Low Profile
2. ☐ AEROBIC

SIZE: 1000 GALS.

WATER CONSERVATION

1. ☐ NONE
2. ☐ LOW VOLUME TOILET
3. ☒ SEPARATED LAUNDRY SYSTEM
4. ☐ ALTERNATIVE TOILET

SPECIFY: _____

PUMPING

1. ☐ NOT REQUIRED
2. ☒ MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
3. ☐ REQUIRED

DOSE: _____ GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)

3 bedroom home

DESIGN FLOW: 216 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
4,5,6,or7	B?

DEPTH TO LIMITING FACTOR: disturbed profile 48" +

SIZE RATINGS USED FOR DESIGN PURPOSES

1. ☐ SMALL
2. ☐ MEDIUM
3. ☒ MEDIUM-LARGE
4. ☐ LARGE
5. ☐ EXTRA LARGE

DISPOSAL AREA TYPE/SIZE

1. ☒ BED 720 Sq. Ft.
2. ☐ CHAMBER _____ Sq. Ft.
   ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

SITE EVALUATOR STATEMENT

☐ SITE EVALUATION WAIVED BY LOCAL OPTION

On November 26, 1984 (date) I conducted a site evaluation for this project and certify that the data reported is accurate. The system I propose is in accordance with the Subsurface Wastewater Disposal Rules.

Site Evaluator or Professional Engineer's Signature — SE# / PE# 42 — Date November 27, 1984

* Local Plumbing Inspectors Signature if a Local Site Evaluation Waiver under a Local Option

State

HHF - 200 Rev. 4/83

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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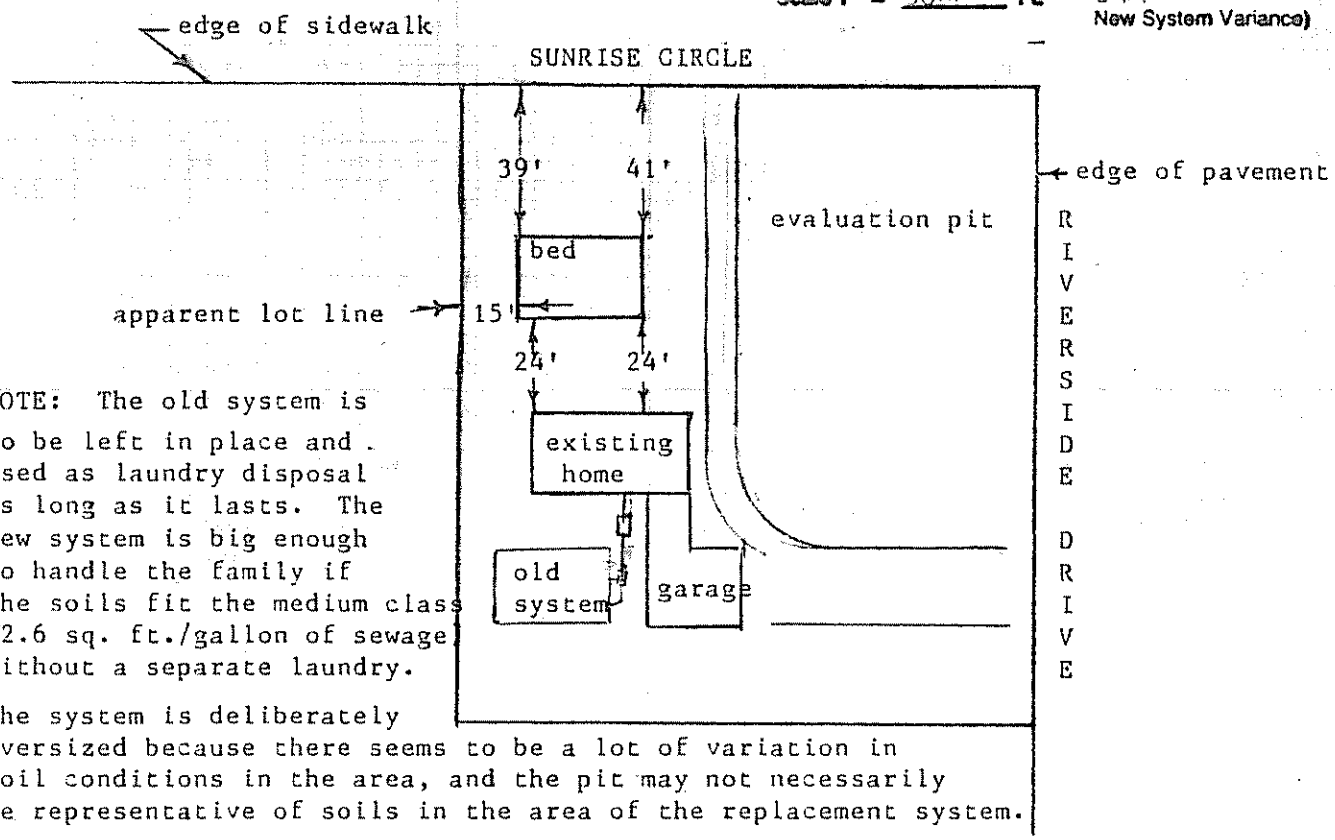
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
Augusta	Sunrise Circle	Richard Poulin

SITE PLAN

Scale 1" = 50' FT.

SITE LOCATION PLAN (Attach Map from Maine Atlas for New System Variance)



NOTE: The old system is to be left in place and used as laundry disposal as long as it lasts. The new system is big enough to handle the family if the soils fit the medium class (2.6 sq. ft./gallon of sewage) without a separate laundry.

The system is deliberately oversized because there seems to be a lot of variation in soil conditions in the area, and the pit may not necessarily be representative of soils in the area of the replacement system.

The system is deliberately set 6" high to keep runoff from the roof from running over the bed. If a ditch is built, the system grades may be lowered as much as 6".

NOTE: This soil profile consists of the remains of an old gravel pit where about 2' of material had been spread back over the old pit floor. The failed system had silty material under the mixed gravelly fill material. The replacement system has dirty gravel under the spot where the pit was excavated.

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole 1 ☒ Test Pit ☐ Boring

0 Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches): 0, 5, 10, 15, 20, 30, 40, 50

Texture	Consistency	Color	Mottling
48" loamy gravel to gravelly loam	48" friable very little root development because of sterile subsoils	disturbed mixed olives, browns, & grays	none

Soil	Classification	Slope	Limiting Factor
5 (Profile)	B (Condition)	1 %	-- ☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches): 0, 5, 10, 15, 20, 30, 40, 50

Texture	Consistency	Color	Mottling

Soil	Classification	Slope	Limiting Factor
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Lloyd C Kane

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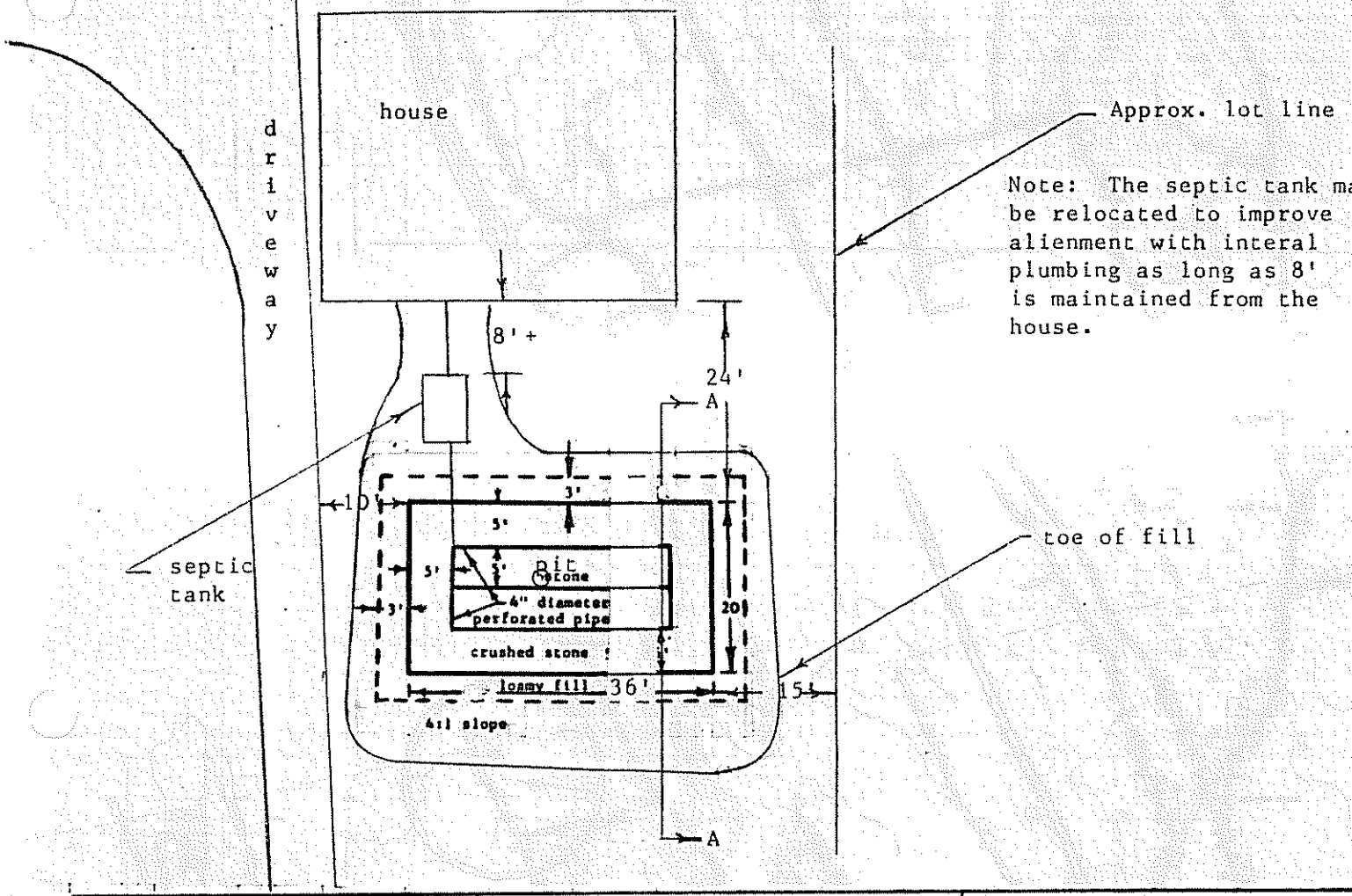
SUBSURFACE WASTEWATER DISPOSAL PLAN

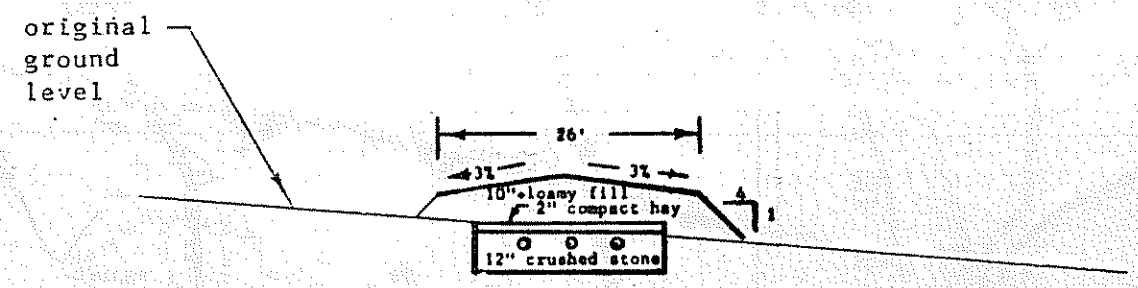
Scale 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	6&8"	Reference Elevation is	100'00"	bottom of siding 24"
Depth of Fill (Downslope)	10&13"	Bottom of Disposal Area	96'00"	above top of bed
		Top of Distribution Lines or Chambers	96'11"	

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 inch = 5 Ft.
Horizontal: 1 inch = 20 Ft.



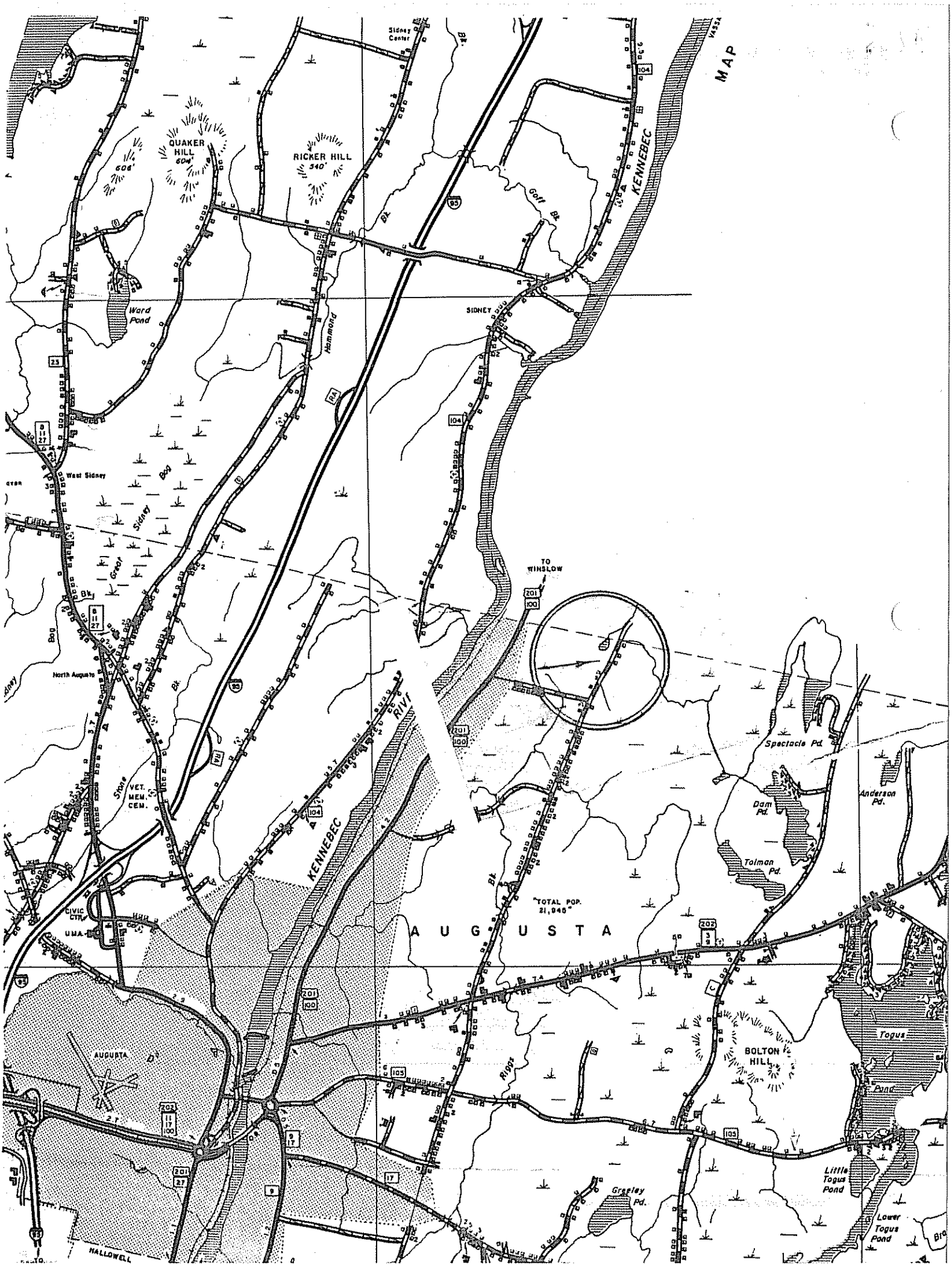
1.5% slope

Section A-A

Lloyd C Rowe
Site Evaluator or Professional Engineer's Signature

42
SE # / PE #

11/28/84
Date


MAP
Sidney Center
QUAKER HILL 604'
RICKER HILL 340'
KENNEBEC
Golf Bk.
Ward Pond
Hammond
SIDNEY
West Sidney
Great Sidney Bog
TO WINSLOW
North Augusta
State VET. MEM. CEM.
KENNEBEC RIVER
Spectacle Pd.
Dam Pd.
Anderson Pd.
Tolman Pd.
"TOTAL POP. 21,945"
A U G U S T A
CIVIC CTR.
UMA
AUGUSTA
Riggs
BOLTON HILL
Togus Pond
Little Togus Pond
Lower Togus Pond
Greeley Pd.
HALLOWELL

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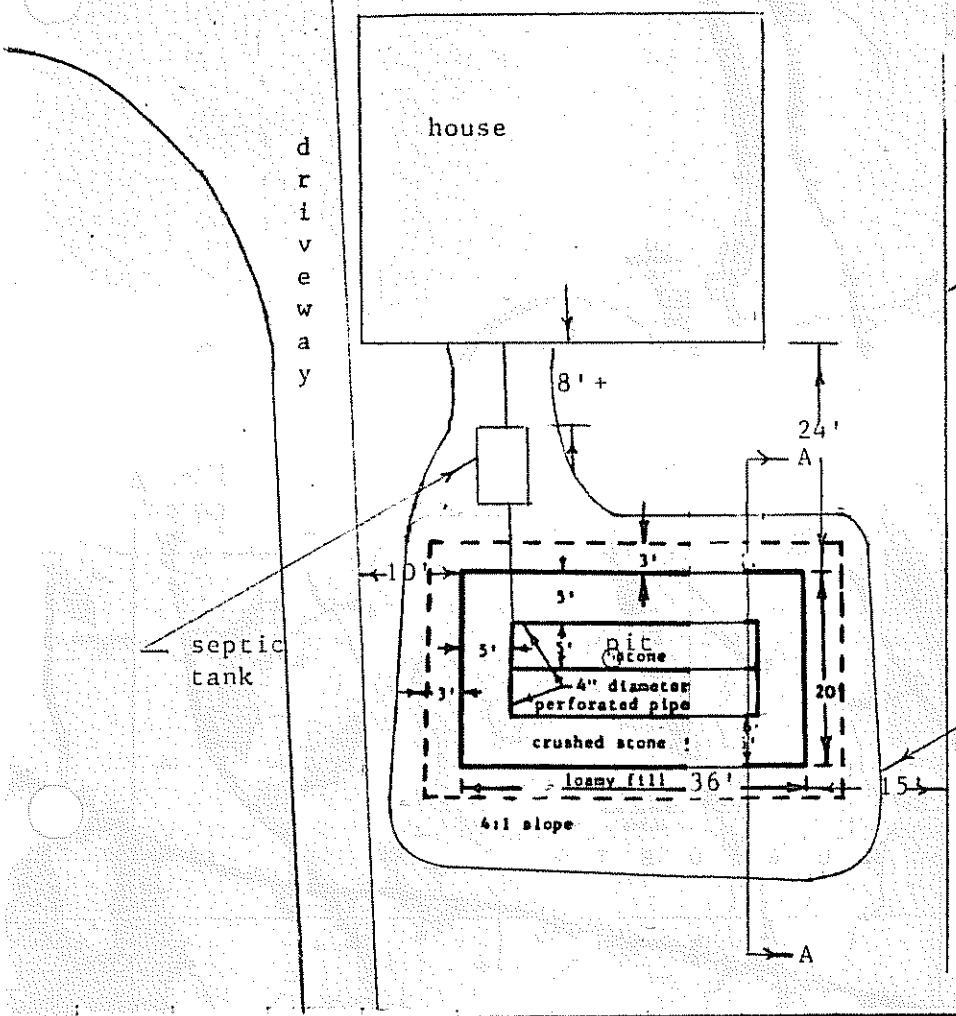
SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



Approx. lot line

Note: The septic tank may be relocated to improve alienment with interal plumbing as long as 8' is maintained from the house.

REVISION: Due to the location of water pipe enterintg the home, the bed must be rotated 90° from it's location shown on this plan. Set the bed at the upper left corner and run the short dimension parallel with the house and the long dimension toward the street. maintain the same elevations, or they may be dropped a few inches (6" max.) so long as runoff from the roof doesn't cross the bed.

toe of fill

REV: CONT-

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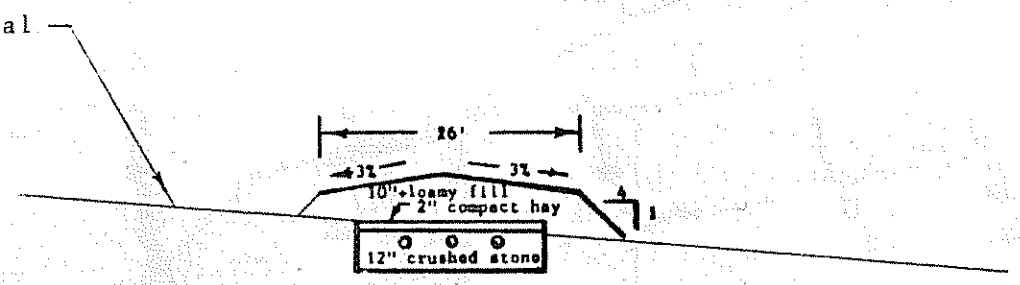


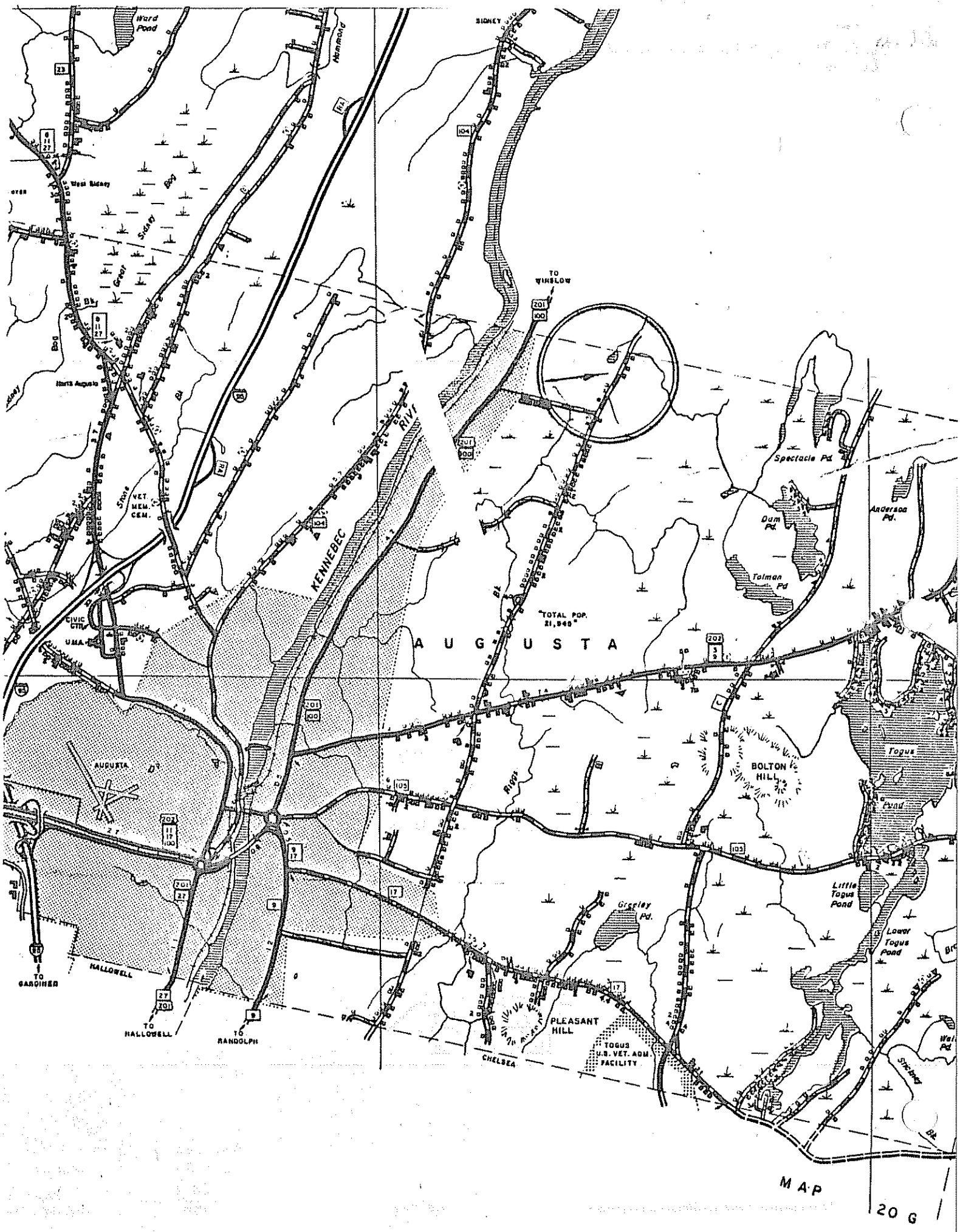
1.5% slope
Section A-A

Revised
12/3/84
11/28/84

Lloyd C. Rowe
Site Evaluator or Professional Engineer's Signature

42
SE # / PE #

Date



Ward Pond
Hammond
SIDNEY
West Sidney
Great Sidney Bog
North Augusta
VET. MEM. CEM.
Stone
KENNEBEC
RIVER
TO WINSLOW
Spectacle Pd.
Dam Pd.
Anderson Pd.
Tolman Pd
"TOTAL POP. 21,940"
AUGUSTA
CIVIC CTR.
U.M.A.
AUGUSTA
Riggs
BOLTON HILL
Togus
Pond
Little Togus Pond
Lower Togus Pond
Greeley Pd.
PLEASANT HILL
TOGUS U.S. VET. ADM. FACILITY
CHELSEA
HALLOWELL
TO GARDINER
TO HALLOWELL
TO RANDOLPH
MAP
20 G