Called 6-24-99 7:40

Louis Belanger
#377-3576

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

PROPERTY LOCATION

Town or Plantation	AUGUSTA
Street Subdivision Lot #	222 Hospital Street

AUGUSTA 4209 TOWN COPY
Date Permit Issued: 6/23/99
$ 100.00 FEE ☐ If Double Fee Charged
Local Plumbing Inspector Signature
L.P.I. # 1820

PROPERTY OWNERS NAME

Last: Belanger First: Louis

Mailing Address of Owner	RFD#2, Box 2230B Winthrop, Me, 04364
Daytime Tel. #	377-3576

Municipal Tax Map # 62 Page # 3

Owner Statement

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

x Louis Belanger
Signature of Owner/Applicant — Date

Caution: Inspection Required

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

Local Plumbing Inspector Signature — Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:
1. ☐ First Time System
2. ☐ Multi-User System
3. ☒ Replacement System
4. ☐ Expanded System
   - ☐ One-time exempted
   - ☐ Non-exempted
5. ☐ Experimental System
6. ☐ Seasonal Conversion

THIS APPLICATION REQUIRES:
1. ☒ No Rule Variance
2. ☐ First Time System Variance (Municipal)
3. ☐ First Time System Variance (State)
4. ☐ Replacement System Variance
   - a. ☐ Local Plumbing Inspector approval
   - b. ☐ State & Local Plumbing Inspector approval
5. ☐ Minimum Lot Size Variance
6. ☐ Seasonal Conversion Variance

DISPOSAL SYSTEM COMPONENT(S)
1. ☒ Non-Engineered System
2. ☐ Primitive System
3. ☐ Alternative Toilet
   Specify _____
4. ☐ Non-Engineered Treatment Tank
5. ☐ Holding Tank _____ Gallons
6. ☐ Non-Engineered Disposal Area (only)
7. ☐ Separated Laundry System
8. ☐ Engineered System (+2000 gpd)
9. ☐ Engineered Treatment Tank (only)
10. ☐ Engineered Disposal Area (only)

SIZE OF PROPERTY
7 acres

SHORELAND ZONING
☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE:
1. ☐ Single Family Dwelling Unit
2. ☒ Multiple Family Dwelling Unit
   Number of Units _____
3. ☐ Other _____ (SPECIFY)

TYPE OF WATER SUPPLY
City

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☒ Concrete
   - ☒ Regular
   - ☐ Low Profile
2. ☐ Plastic

Plus Existing 1000

SIZE 1000 Gallons

DISPOSAL AREA TYPE/SIZE
1. ☐ Stone Bed _____ Sq.Ft.
2. ☒ Proprietary Device 3300 Sq.Ft.
   - ☐ Clustered ☒ Linear
   - ☒ Regular ☐ H-20
3. ☐ Trench _____ Lin. Ft.
4. ☐ Other _____

GARBAGE DISPOSAL UNIT
1. ☒ No
2. ☐ Yes
   - ☐ Multi-compartment tank
   - ☐ Tank in series
   - ☐ Increase in tank capacity
   - ☐ Filter on tank outlet

CRITERIA USED FOR DESIGN FLOW
(Show Calculations)

4 bedroom Apt.
2 bedroom Apt.
1 bedroom Apt.
7 bedrooms Total

DESIGN FLOW: 630 (Gallons/Day)

PROFILE & DESIGN CLASS

PROFILE	DESIGN
9	D

DEPTH TO MOST LIMITING FACTOR 12"

DISPOSAL AREA SIZING
1. ☐ Small 2.0
2. ☐ Medium 2.60
3. ☐ Medium-Large 3.30
4. ☐ Large 4.10
5. ☒ Extra-Large 5.00

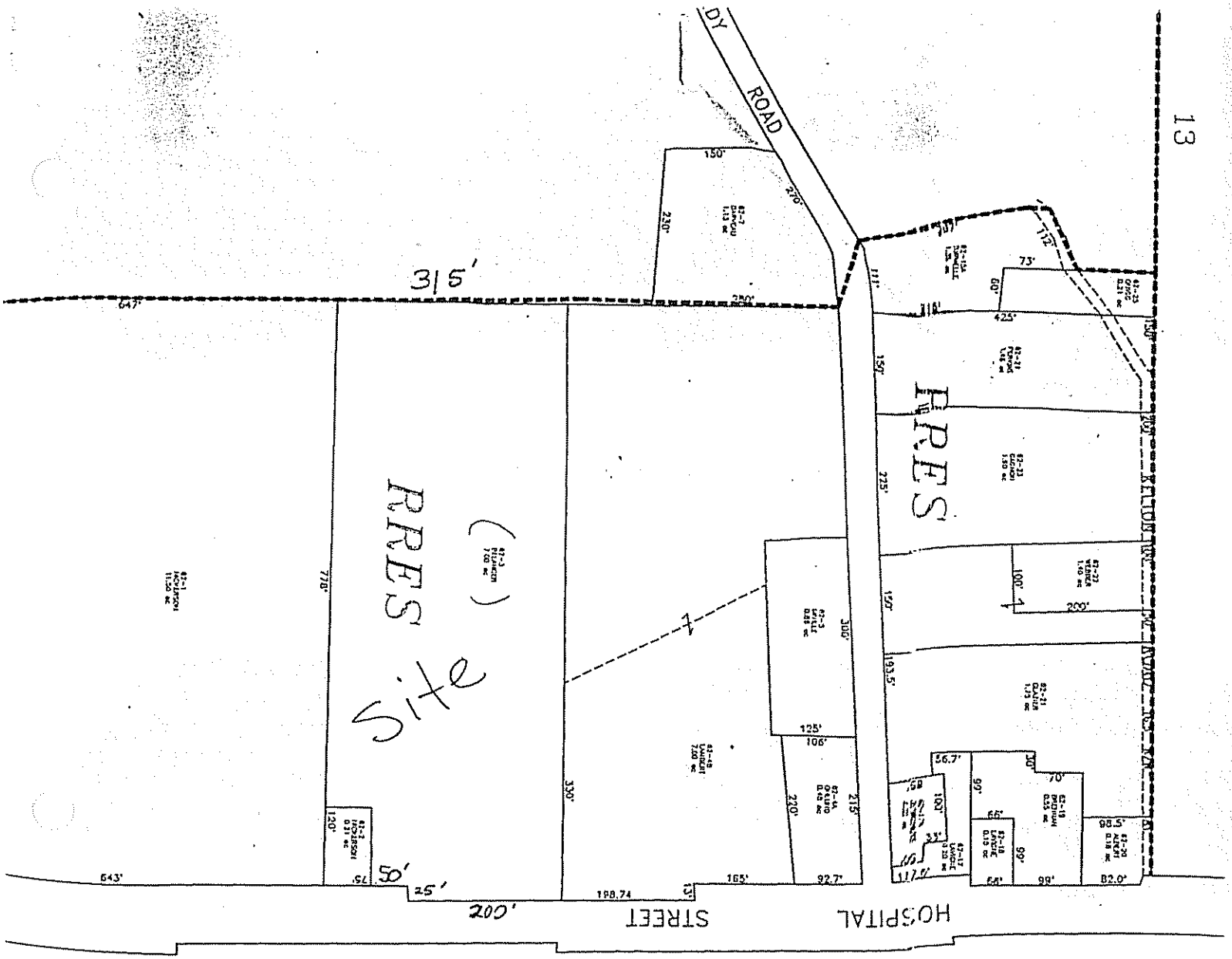
PUMPING
1. ☐ Not Required
2. ☒ May Be Required
3. ☐ Required

DOSE 50 Gallons

SITE EVALUATOR'S STATEMENT

On 6, 10, 99 (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed system is in compliance with the Subsurface Wastewater Disposal Rules.

David P. Rocque — Site Evaluator Signature
154 — SE #
6/10/99 — Date
DAVID P. ROCQUE — Print Name
622-7487 — Telephone



ROAD
315'
RRES
Site
RRES
HOSPITAL
STREET
200'
50'
25'
13
13
61

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation: AUGUSTA

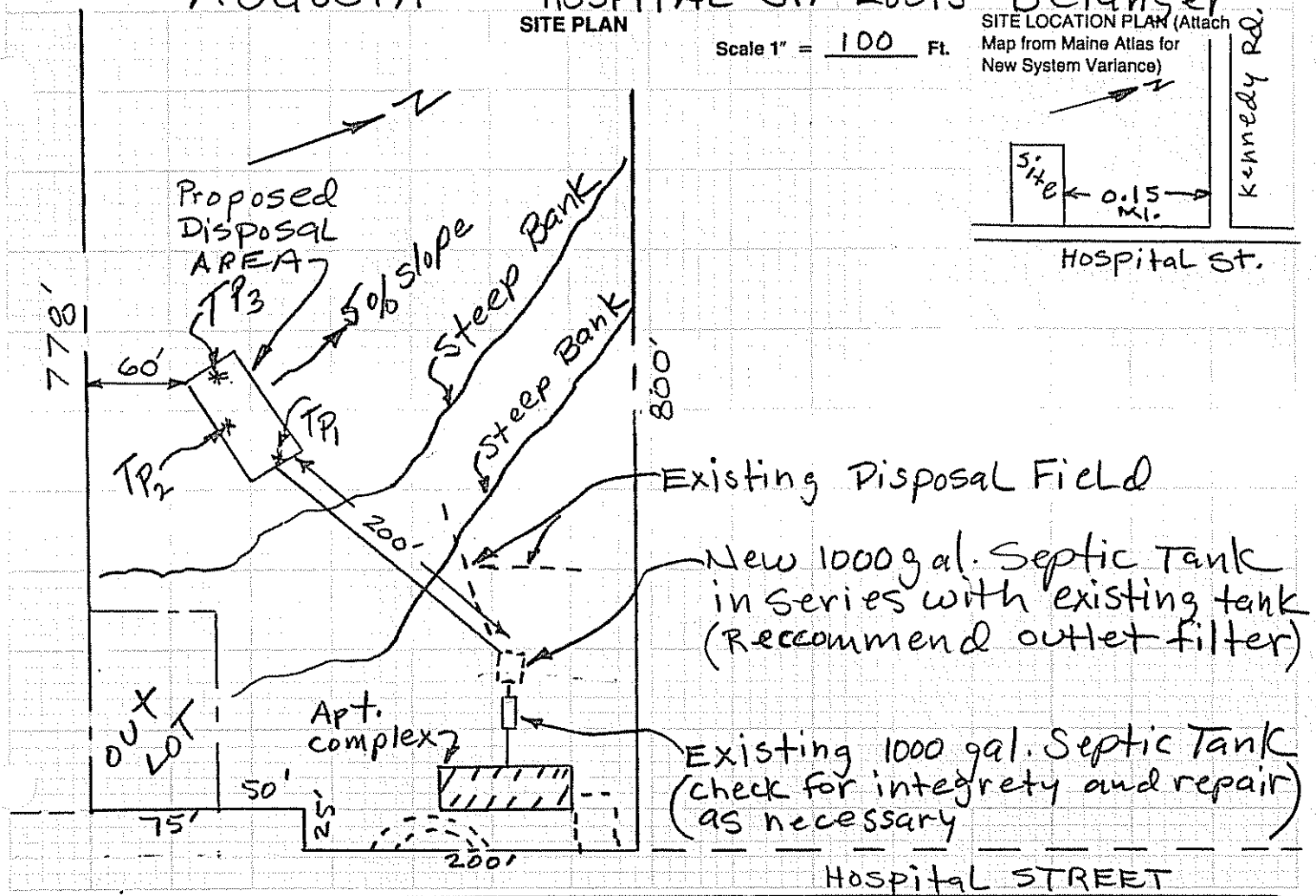
Street, Road, Subdivision: HOSPITAL ST.

Owners Name: Louis Belanger

SITE PLAN

Scale 1" = 100 Ft.

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



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

Observation Hole TP3 & TP3 ☒ Test Pit ☐ Boring

SOD " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
SILT Loam	Friable	Dark Brown	NONE observed
		yellow Brown	
	Firm	Olive Brown	

Soil Profile	Classification Condition	Slope %	Limiting Factor	
9	D	5	12"	☐ Ground Water ☒ Restrictive Layer ☐ Bedrock

Observation Hole TP1 ☒ Test Pit ☐ Boring

SOD " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
SILT Loam	Friable	Dark Brown	
		yellow Brown	
	Firm	Olive Brown	

Soil Profile	Classification Condition	Slope %	Limiting Factor	
9	C	C	15"	☐ Ground Water ☒ Restrictive Layer ☐ Bedrock

David P. Rocque — Site Evaluator Signature

154 — SE#

6/10/99 — Date

HHE-200 Rev.1/84

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

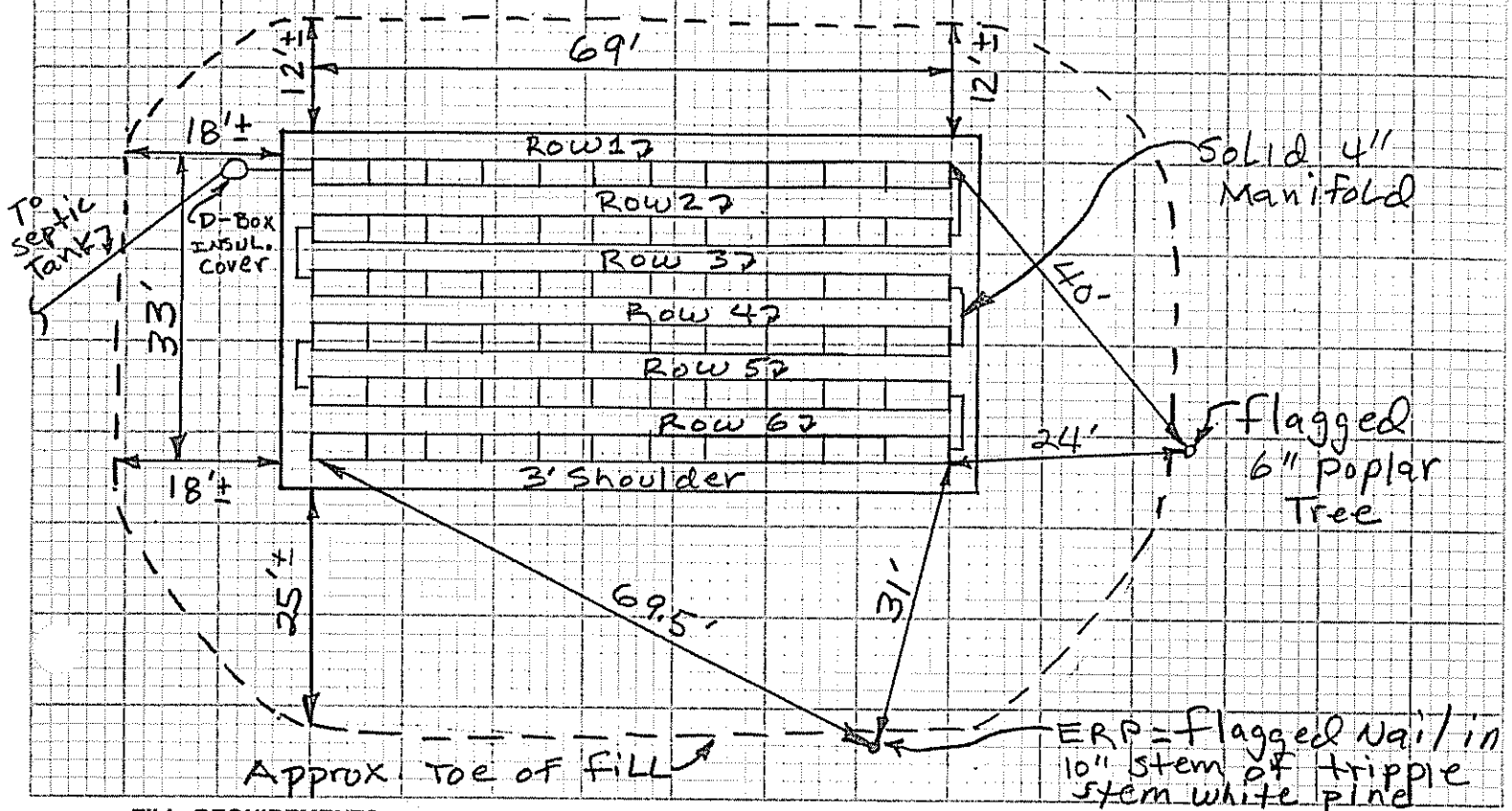
Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	HOSPITAL ST.	Louis Belanger

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.

NOTE: If pumping is required, use min. 2" dia. force main & insulate to prevent freezing.

Disposal AREA to be 66 plastic chambers (high capacity) in 6 rows, 11 units per row, connected in serial distribution.



FILL REQUIREMENTS

Depth of Fill (Upslope) 30-48'
Depth of Fill (Downslope) 30-48"

CONSTRUCTION ELEVATIONS

Reference Elevation is 0"
Bottom of Disposal Area see below
Top of Distribution Lines or Chambers

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

flagged nail in 10" w. pine 69.5" above gd.

DISPOSAL AREA CROSS SECTION

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

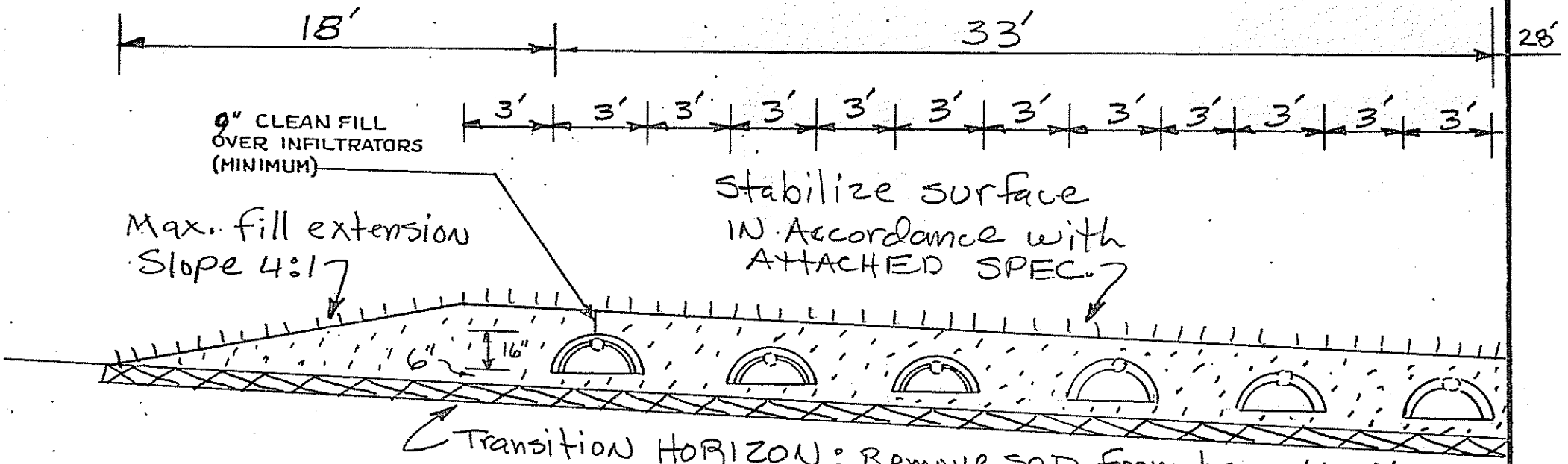
Row #	BOTTOM Trench	TOP Chambers
1	-23"	-7"
2	-26"	-10"
3	-29"	-13'
4	-32"	-16"
5	-35"	-19"
6	-38"	-22"

Note: Use Larger D-Box with baffle if pump is needed.

David P. Roque — Site Evaluator Signature
154 — SE#
6/10/99 — Date

HHE-200 Rev. 1/84

INFILTRATOR CRO 5 SECTION 5-6%



Transition HORIZON: Remove SOD from beneath disposal AREA AND FILL Extension AREA then mix in minimum 6" of gravelly coarse sand* fill by Roto-tilling before bringing to grade.

NOTES:

1. REMOVE VEGETATION AND SCARIFY ORIGINAL SOIL UNDER INFILTRATORS AND FILL EXTENSION AREAS.
2. BOTTOM OF INFILTRATORS TO BE LEVEL WITH A MAXIMUM GRADE TOLERANCE OF 1" PER 100'.
3. PROVIDE FOR SURFACE DRAINAGE AWAY FROM INFILTRATOR AREA.
4. FINISHED GRADE SHALL BE SEEDED AND MULCHED TO PREVENT EROSION.

ORIGINAL GRADE

FILL UNDER INFILTRATORS TO BE Gravelly* Coarse sand TEXTURE.

FILL AROUND INFILTRATORS TO BE Gravelly* Coarse sand TEXTURE.

* No more than 6% fines & 15% - 30% gravel

SITE EVALUATOR: DAVID P. ROCQUE		
OWNER: Louis BeLanger	NUMBER OF INFILTRATORS: 66	PERCENT SLOPE: 4-5
LOCATION: Hospital St. AUGUSTA	ELEVATIONS: REFERENCE PT. 0"	BOTTOM TRENCH #1 -23"
DATE: 6/10/99 / SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -26"	BOTTOM TRENCH #3 -29"

Trench #4 -32" Trench #5 -35" Trench #6 -38"