SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY ADDRESS

Town Or Plantation	AUGUSTA Lone Indian Trail
Street Subdivision Lot #	OFF WEEKS MILLS ROAD; FOX GLEN; LOTS 102, 103, 104, 105, 292, 293, 294, 295

PROPERTY OWNERS NAME ET AL

PALERMO ESPLANADES, INC.
Last: First:

Applicant Name:	
Mailing Address of Owner/Applicant (If Different)	16 GROVE ST. WINCHESTER, MA 01890

AUGUSTA Caution: Permit Required 2020 TOWN COPY
Subsurface Wastewater Disposal System must be installed
Date Permit Issued: 11/12/90 $ 140.19 FEE ☐ If Double Fee Charged
Local Plumbing Inspector Signature L.P.I. # 168

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.

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.

Local Plumbing Inspector Signature — Date Approved

PERMIT INFORMATION

THIS APPLICATION IS FOR:
1. ☒ NEW SYSTEM
2. ☐ REPLACEMENT SYSTEM
3. ☐ EXPANDED SYSTEM
4. ☐ EXPERIMENTAL SYSTEM

SEASONAL CONVERSION
to be completed by the LPI
5. ☐ SYSTEM COMPLIES WITH RULES
6. ☐ CONNECTED TO SANITARY SEWER
7. ☐ SYSTEM INSTALLED – P# _____
8. ☐ SYSTEM DESIGN RECORDED AND ATTACHED

IF REPLACEMENT SYSTEM:
YEAR FAILING SYSTEM INSTALLED _____
THE FAILING SYSTEM IS:
1. ☐ BED 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

THIS APPLICATION REQUIRES:
1. ☒ NO RULE VARIANCE
2. ☐ NEW SYSTEM VARIANCE Attach New System Variance Form
3. ☐ REPLACEMENT SYSTEM VARIANCE Attach Replacement System Variance Form
a. ☐ Requiring Local Plumbing Inspector Approval
b. ☐ Requires State and Local Plumbing Inspector Approval
4. ☐ MINIMUM LOT SIZE VARIANCE

DISPOSAL SYSTEM TO SERVE:
1. ☒ SINGLE FAMILY DWELLING
2. ☐ MODULAR OR MOBILE HOME
3. ☐ MULTIPLE FAMILY DWELLING
4. ☐ OTHER _____ SPECIFY

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 _____ GAL
6. ☐ ALTERNATIVE TOILET (ONLY)
7. ☐ NON-ENGINEERED DISPOSAL AREA (ONLY)
8. ☐ ENGINEERED DISPOSAL AREA (ONLY)
9. ☐ SEPARATED LAUNDRY SYSTEM

SIZE OF PROPERTY	ZONING	TYPE OF WATER SUPPLY
4± ACRES	SHORELAND	DRILLED WELL (PROPOSED)

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☒ SEPTIC: ☒ Regular OR ☒ 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: 90± GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
3 BEDROOM SINGLE FAMILY DWELLING
DESIGN FLOW: 270 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
3	C

DEPTH TO LIMITING FACTOR: 17.

SIZE RATINGS USED FOR DESIGN PURPOSES
1. ☐ SMALL
2. ☐ MEDIUM
3. ☒ MEDIUM-LARGE
4. ☐ LARGE
5. ☐ EXTRA LARGE

DISPOSAL AREA TYPE/SIZE
1. ☐ BED _____ Sq. Ft.
2. ☒ CHAMBER 562.5 Sq. Ft.
☒ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☒ OTHER: (18) INFILTRATORS 3 ROWS OF SIX

RECEIVED NOV 1 1990

SITE EVALUATOR STATEMENT

On 10/30/90 (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 Signature — SE# 168 — Date 10/31/90

(Local Plumbing Inspector's Signature if permit is for Seasonal Conversion.)

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Department of Human Services
Division of Health Engineering

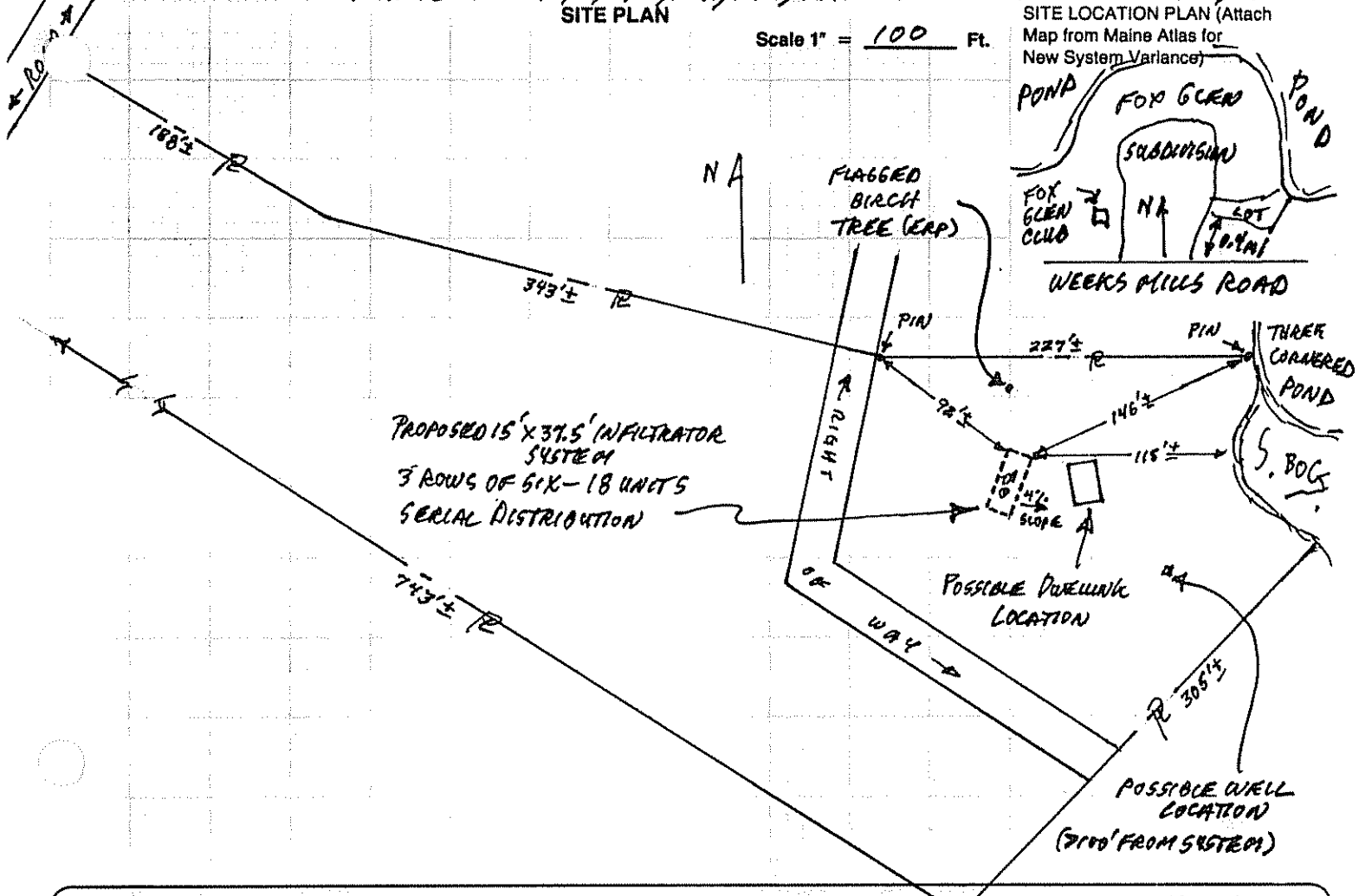
Town, City, Plantation: AUGUSTA

Street, Road, Subdivision: OFF WEEKS MILLS ROAD FOX GLEN LOTS 102, 103, 104, 105, 9-293, 9-294, 9-295 ET AL

Owners Name: PALERMO ESPCANADES, INC.

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 TP 105 ☒ Test Pit ☐ Boring

ONE " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6			BROWN	
6–15	SANDY LOAM	FRIABLE	YELLOW BROWN	
15–20				
20–50	FINE SANDY LOAM	FIRM	GRAY BROWN	COMMON DISTINCT

Soil Profile	Classification Condition	Slope %	Limiting Factor	
3	C	4	17	☒ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole _____ ☐ Test Pit ☐ Boring

_____ " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–50				

Soil Profile	Classification Condition	Slope %	Limiting Factor	
				☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

Site Evaluator Signature: [signature]

SE#: 168

Date: 10/31/90

HHE-200 Rev. 1/84

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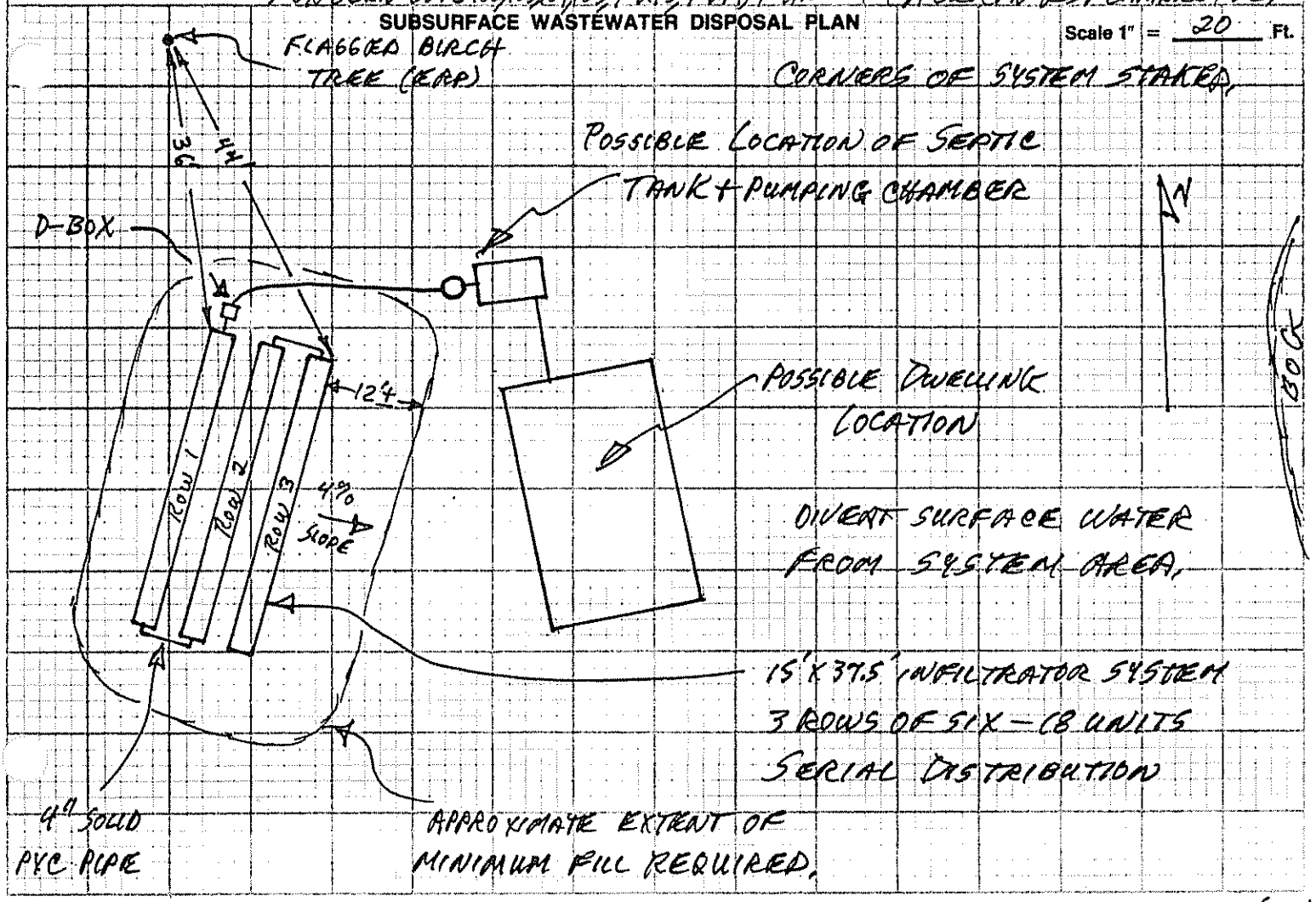
Owners Name: PALERMO ESPOMADES INC.

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope): 18"

Depth of Fill (Downslope): 20±"

CONSTRUCTION ELEVATIONS

Reference Elevation is: 0

Bottom of Disposal Area: ~~SEE BELOW AND ATTACHED~~

Top of Distribution Lines or Chambers: DRAWING.

ELEVATION REFERENCE POINT (ERP) LOCATION & DESCRIPTION

FLAGGED NAIL IN BIRCH TREE 42" ABOVE EXISTING GRADE AT TREE.

~~DISPOSAL AREA CROSS SECTION~~

Scale: N/A

Vertical: 1 Inch = Ft.

Horizontal: 1 Inch = Ft.

CONSTRUCTION ELEVATIONS:

	BOTTOM OF TRENCH	TOP OF INFILTRATOR
ROW 1	-56"	-41"
ROW 2	-59"	-44"
ROW 3	-62"	-47"

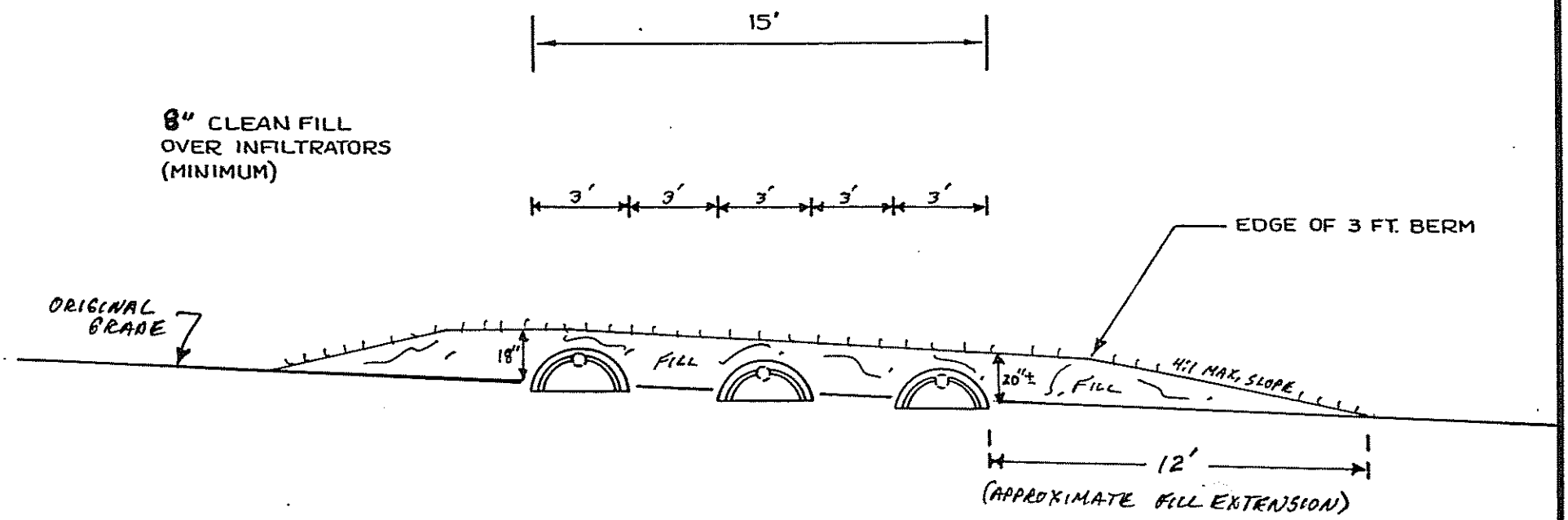
Site Evaluator Signature

168
SE#

10/31/90
Date

HHE-200 Rev.1/84

INFILTRATOR CROSS SECTION 4 %



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.

FOX GLEN: LOTS 102, 103, 104, 105
9-293, 9-294, 9-295 ET AL

ORIGINAL GRADE COARSE SANDY LOAM
FILL UNDER INFILTRATORS TO BE TO GRAVELLY SAND TEXTURE.
COARSE SANDY LOAM
FILL AROUND INFILTRATORS TO BE TO LOAMY SAND TEXTURE.

SITE EVALUATOR: JOHN W LORD JR SE#168		
OWNER: PALERMO ESPLANADES INC	NUMBER OF INFILTRATORS: 3 ROWS OF SIX 18	PERCENT SLOPE: 4
LOCATION: AUGUSTA	ELEVATIONS: REFERENCE PT. 0	BOTTOM TRENCH #1 -56"
DATE: 10/31/90	SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -59" BOTTOM TRENCH #3 -62"