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SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

RECEIVED AUG 27 1993

PROPERTY ADDRESS	
Town Or Plantation	AUGUSTA
Street Subdivision Lot #	CHURCH HILL ROAD
PROPERTY OWNERS NAME	
Last: KENNEBEC TOOL & DIE CO., INC. First:	
Applicant Name:	
Mailing Address of Owner/Applicant (If Different)	RFD 1 BOX 1200 AUGUSTA ME 04330

Caution: Permit Required

AUGUSTA 2855 TOWN COPY

Date Permit Issued: 11-4-93 $ 100.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature L.P.I. # 1808

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 8/27/93

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 11/12/93 2-9-94

PERMIT INFORMATION

THIS APPLICATION IS FOR:
1. ☐ NEW SYSTEM WITH ADDITION AREA
2. ☐ REPLACEMENT SYSTEM ALLOWED FOR
3. ☒ EXPANDED SYSTEM FUTURE
4. ☐ EXPERIMENTAL SYSTEM ENLARGEMENT

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

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

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

IF REPLACEMENT SYSTEM: N/A
YEAR FAILING SYSTEM INSTALLED _____
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 COMMERCIAL FACTORY (SPECIFY)

SIZE OF PROPERTY: 8.11± ACRES
ZONING: COMMERCIAL – RESIDENTIAL

TYPE OF WATER SUPPLY
EXISTING DRILLED WELL

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 RECCOMENDED
2. ☐ LOW VOLUME TOILETS
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: 50± GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
25 EMPLOYEES FOR ONE 8 HR. SHIFT IN 24 HR. PERIOD – NO SHOWERS @ 15gpd EACH
DESIGN FLOW: 375 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES
PROFILE: 3 CONDITION: C
DEPTH TO LIMITING FACTOR: 18.

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 637.5 Sq. Ft. ☒ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☒ OTHER: 27 INFILTRATORS 3 ROWS OF NINE

SITE EVALUATOR STATEMENT – DESIGN SUBJECT TO LOCAL, STATE AND FEDERAL ORDINANCES

8/24/93 (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 8/25/93

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

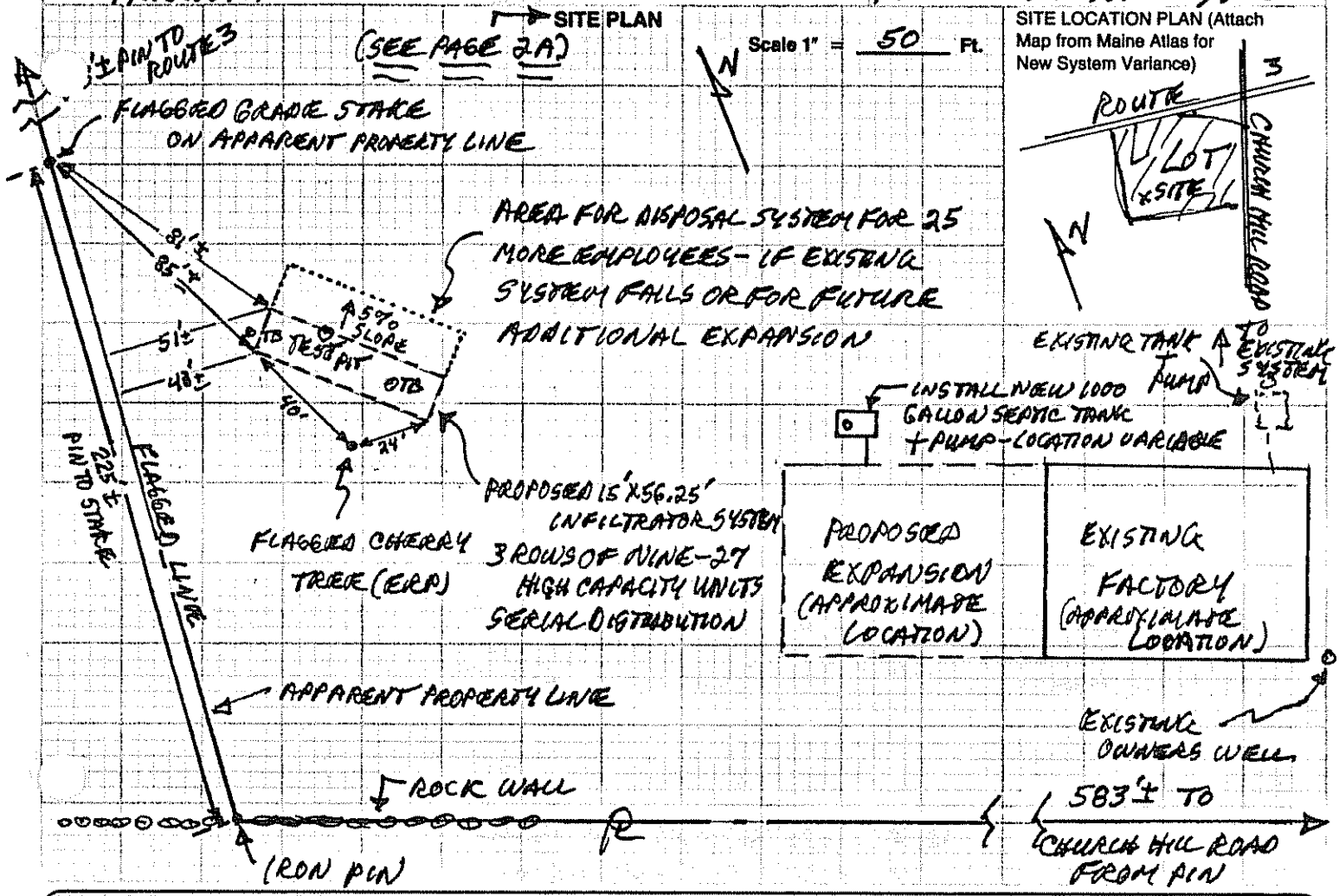
Department of Human Services
Division of Health Engineering

Town, City, Plantation: AUGUSTA
Street, Road, Subdivision: CHURCH HILL ROAD
Owners Name: KENNEBEC TOOL & DIE CO., INC

SITE PLAN (SEE PAGE 2A)

Scale 1" = 50 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 TEST PIT ☒ Test Pit ☐ Boring

TWO " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
LOAM		BROWN	
	FRIABLE	YELLOW BROWN	
FINE SANDY LOAM	FIRM	OLIVE BROWN	COMMON FAINT
			31"
BEDROCK OR LARGE ROCK			

Soil	Classification	Slope	Limiting Factor	
3 (Profile)	C (Condition)	5 %	18"	☐ Ground Water ☒ Restrictive Layer ☐ Bedrock

Observation Hole TB ☐ Test Pit ☒ Boring

" Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (Inches)

Texture	Consistency	Color	Mottling
TWO TEST BORINGS IN AREA OF PROPOSED SYSTEM INDICATED SIMILAR SOILS TO TEST PIT			

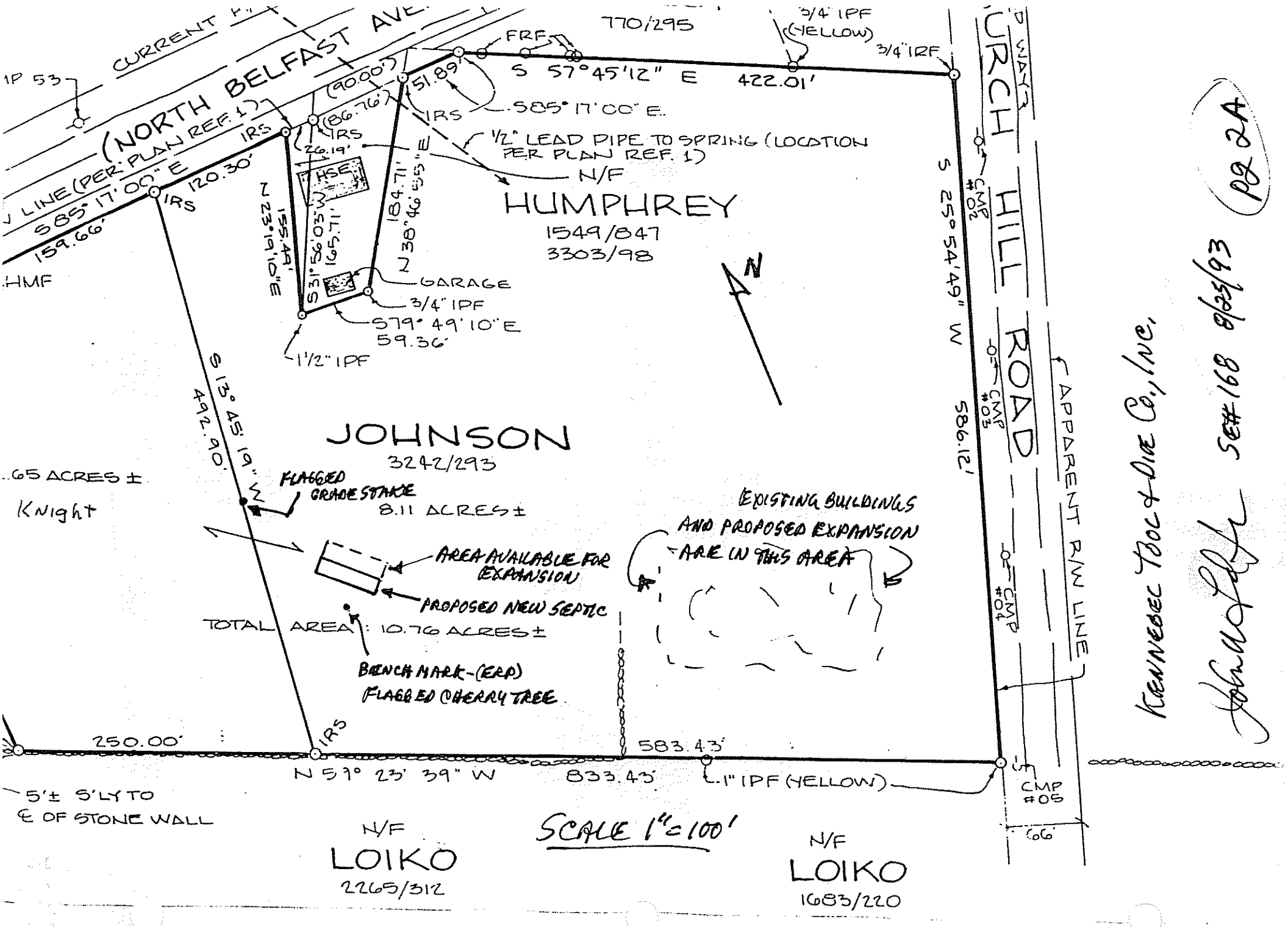
Soil	Classification	Slope	Limiting Factor	
(Profile)	(Condition)	%	"	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

Site Evaluator Signature: [signature]

SE#: 168

Date: 8/25/83

HHE-200 Rev.1/84



CURRENT
(NORTH BELFAST AVE.
LINE (PER PLAN REF. 1)
S 85° 17' 00" E
159.66'
120.30'
IRS
HMF
(90.00')
(86.76')
26.19'
51.89'
FRF
770/295
S 57° 45' 12" E
422.01'
3/4" IPF (YELLOW)
3/4" IRF
S85° 17' 00" E
1/2" LEAD PIPE TO SPRING (LOCATION PER PLAN REF. 1)
N/F
HUMPHREY
1549/847
3303/98
HSE
N 23° 19' 10" E
155.49'
S 31° 56' 03" W
165.71'
184.71'
N 38° 46' 55" E
GARAGE
3/4" IPF
S79° 49' 10" E
59.36'
1 1/2" IPF
S 13° 45' 19" W
492.90'
JOHNSON
3242/293
8.11 ACRES ±
FLAGGED GRADE STAKE
AREA AVAILABLE FOR EXPANSION
PROPOSED NEW SEPTIC
TOTAL AREA: 10.76 ACRES ±
BENCH MARK-(ERP) FLAGGED CHERRY TREE
EXISTING BUILDINGS AND PROPOSED EXPANSION ARE IN THIS AREA
N
S 25° 54' 49" W
586.12'
CMP #02
CMP #03
CMP #04
CMP #05
CURCH HILL ROAD
APPARENT R/W LINE
.65 ACRES ±
Knight
250.00'
N 59° 23' 39" W
833.43'
583.43'
1" IPF (YELLOW)
5'± S'LY TO ℄ OF STONE WALL
N/F
LOIKO
2265/312
SCALE 1" = 100'
N/F
LOIKO
1683/220
KENNEBEC TOOL & DIE CO., INC.
SE# 168 8/25/93
pg 2A

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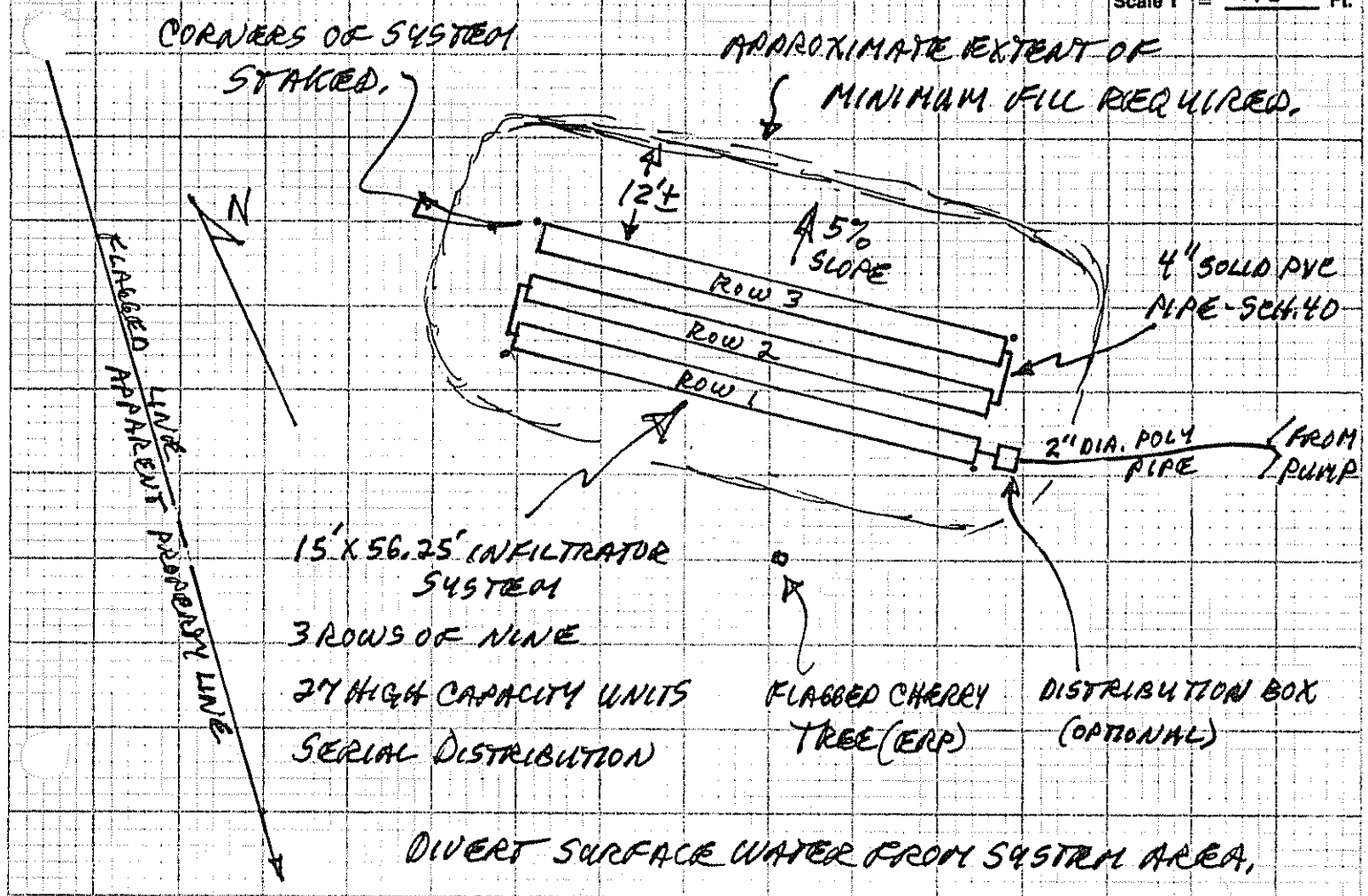
Owners Name: KENNEBEC TOOL & DIE CO., INC.

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS

Depth of Fill (Upslope): 18"
Depth of Fill (Downslope): 20E"

CONSTRUCTION ELEVATIONS

Reference Elevation is: 0
Bottom of Disposal Area: SEE ATTACHED DRAWING
Top of Distribution Lines or Chambers: AND BELOW

ELEVATION REFERENCE POINT (ERP) LOCATION & DESCRIPTION

FLAGGED NAIL IN CHERRY TREE 41" ABOVE GRADE AT TREE.

~~DISPOSAL AREA CROSS SECTION~~

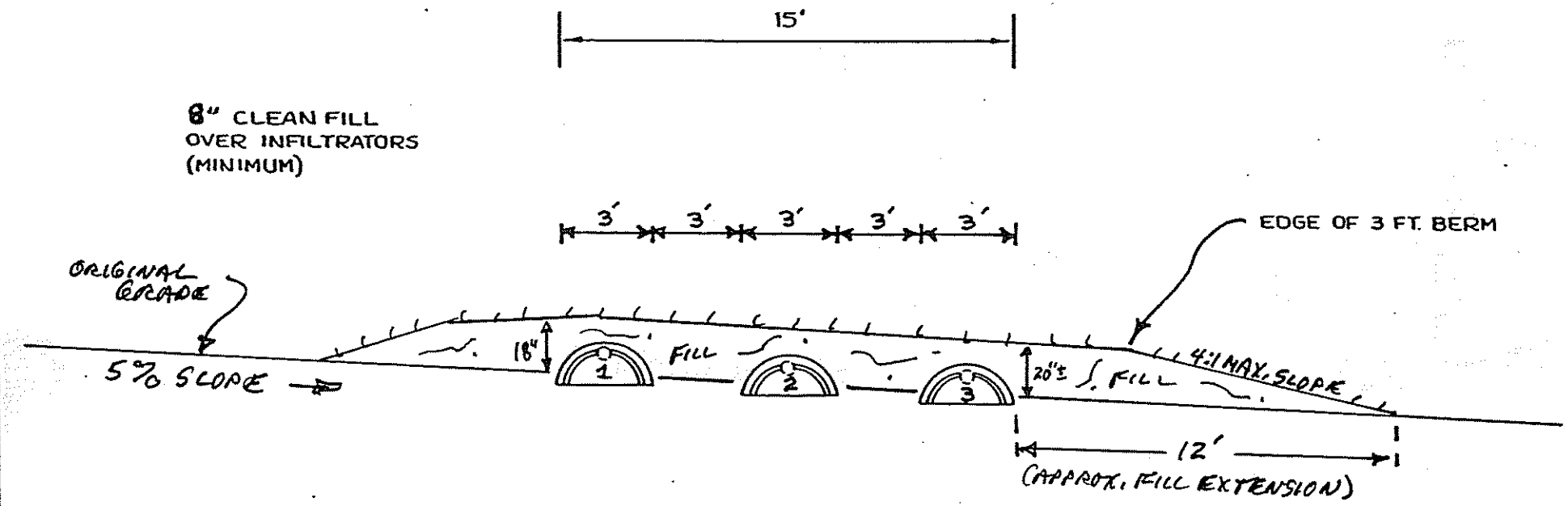
Scale: N/A
Vertical: 1 inch = Ft.
Horizontal: 1 inch = Ft.

CONSTRUCTION ELEVATIONS:

	BOTTOM OF TRENCH	TOP OF INFILTRATOR
ROW 1	-45"	-29"
ROW 2	-49"	-33"
ROW 3	-53"	-37"

Site Evaluator Signature: [signature]
SE#: 168
Date: 8/25/93

INFILTRATOR CROSS SECTION 5-6%



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 GRAVELLY LOAMY

FILL UNDER INFILTRATORS TO BE COARSE SAND TEXTURE.

FILL AROUND INFILTRATORS TO BE GRAVELLY LOAMY COARSE SAND TEXTURE.

SITE EVALUATOR: JOHN W CORDER SE#168			
OWNER: KENNEBEC TOOL + DIE CO, INC		NUMBER OF INFILTRATORS: 3 ROWS OF NINE 27	PERCENT SLOPE: 5
LOCATION: AUGUSTA		ELEVATIONS: REFERENCE PT. 0	BOTTOM TRENCH #1 -45"
DATE: 8/25/93	SCALE: 1 INCH = 5 FEET	BOTTOM TRENCH #2 -49"	BOTTOM TRENCH #3 -53"

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