MS3 L23A

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 #: DALTON RD.

PROPERTY OWNERS NAME

Last: RYAN First: ALLEN

Applicant Name: D/B/A NORTHCENTER FOOD SERVICE

Mailing Address of Owner/Applicant (If Different): P.O. BOX 2628 AUGUSTA, ME 04338-2628

AUGUSTA 2865 TOWN COPY

Date Permit Issued: 11/16/93

$ 100.00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature

L.P.I. # 8.0A

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: 11-16-93

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: 11/18/93

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 1990
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 FOOD DISTRIBUTION W/WAREHOUSE & OFFICES
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: 14± ACRE

ZONING: COMMERCIAL/INDUSTRIAL

TYPE OF WATER SUPPLY
DRILLED WELL

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☑ SEPTIC: ☑ Regular ☐ Low Profile
2. ☐ AEROBIC
EXISTING 2-1000 TANKS
SIZE: ADD 1-1000 GALS.
TOTAL - 3000

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: 200 GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
130 EMPLOYEES @ 15GPD = 1950
NOTE: ONLY 50± EMPLOYEES ARE PRESENT AT ANY SHIFT, ACTUAL FLOW STATED WAS DETERMINED BY MONITORING OF THE ACTUAL EFFLUENT PRODUCED
DESIGN FLOW: 1980 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
5/8	P/C

DEPTH TO LIMITING FACTOR: 36.

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 1032 Sq. Ft. ☑ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

SITE EVALUATOR STATEMENT

On 9-1-93 (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# 181 — Date 9-23-93

(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

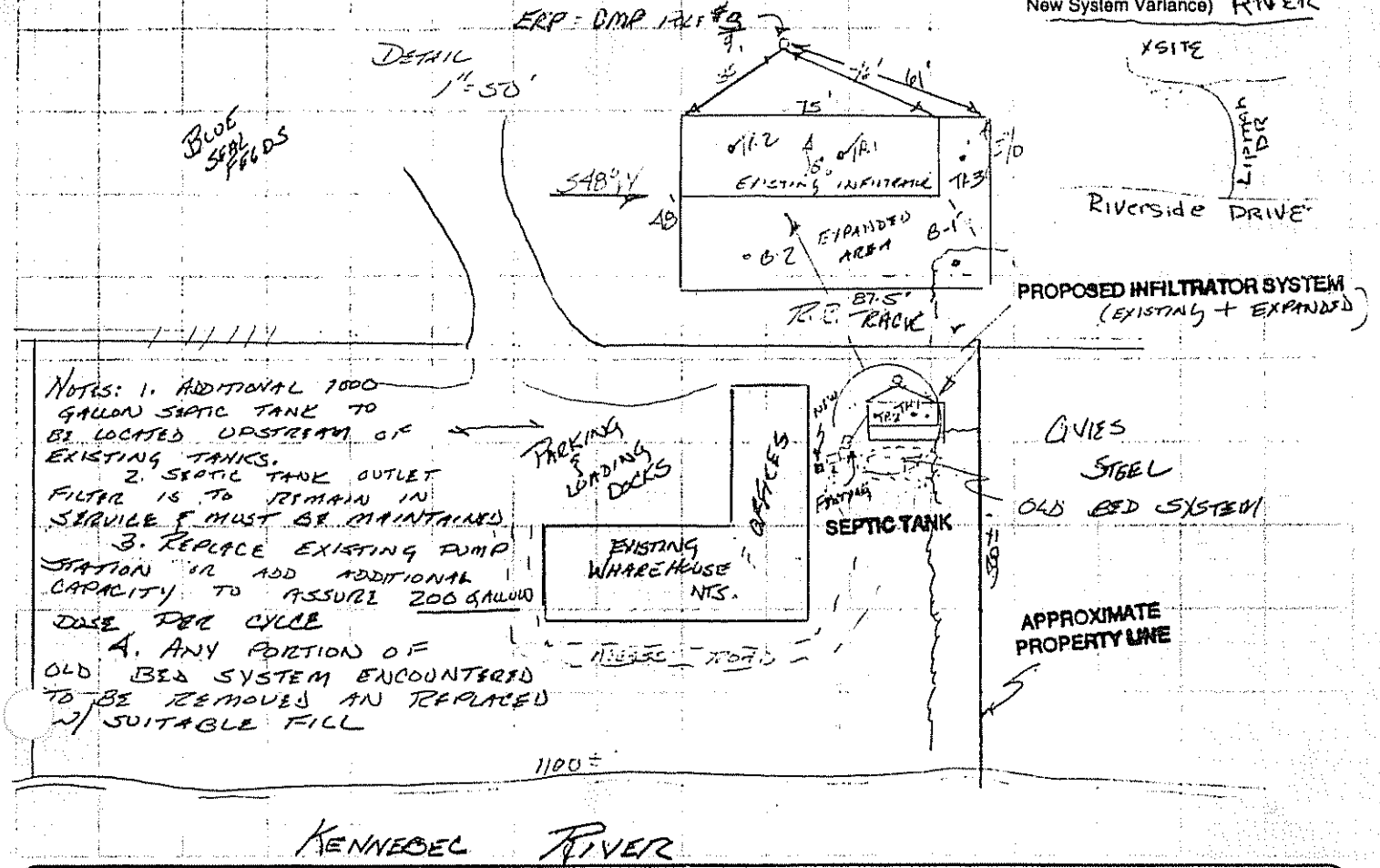
Street, Road, Subdivision: DALTON RD.

Owner Name: A. RYAN NORTHCENTER FOOD SERVICE

SITE PLAN

Scale 1" = 200 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-1/TP-2 ☑ Test Pit ☐ Boring

N/A " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	LOAM	FRIABLE	BROWN	NONE EVIDENT
6–10				
10–15	SANDY LOAM		REDDISH BROWN	
15–20				
20–30	LOAMY SAND		LT. BROWN	
30–40	COARSE SAND			FEW FAINT
40–50				

Soil Profile	Classification Condition	Slope	Limiting Factor	
5	B/C	0 %	NE/30	☑ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole B-1/B-2/TP-3 ☐ Test Pit ☑ Boring

N/A " Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	LOAM	FRIABLE	BROWN	NONE EVIDENT
6–10				
10–15	VERY FINE SANDY LOAM		REDDISH BROWN	
15–20				
20–30	VERY FINE SAND W/ SILTS		OLIVE BROWN	
30–40				
40–50				

Soil Profile	Classification Condition	Slope	Limiting Factor	
8	B	0-1 %	NE	☑ Ground Water ☐ Restrictive Layer ☐ Bedrock

Site Evaluator Signature: [signature]

SE#: 181

Date: 9-23-93

HHE-200 Rev. 1/84

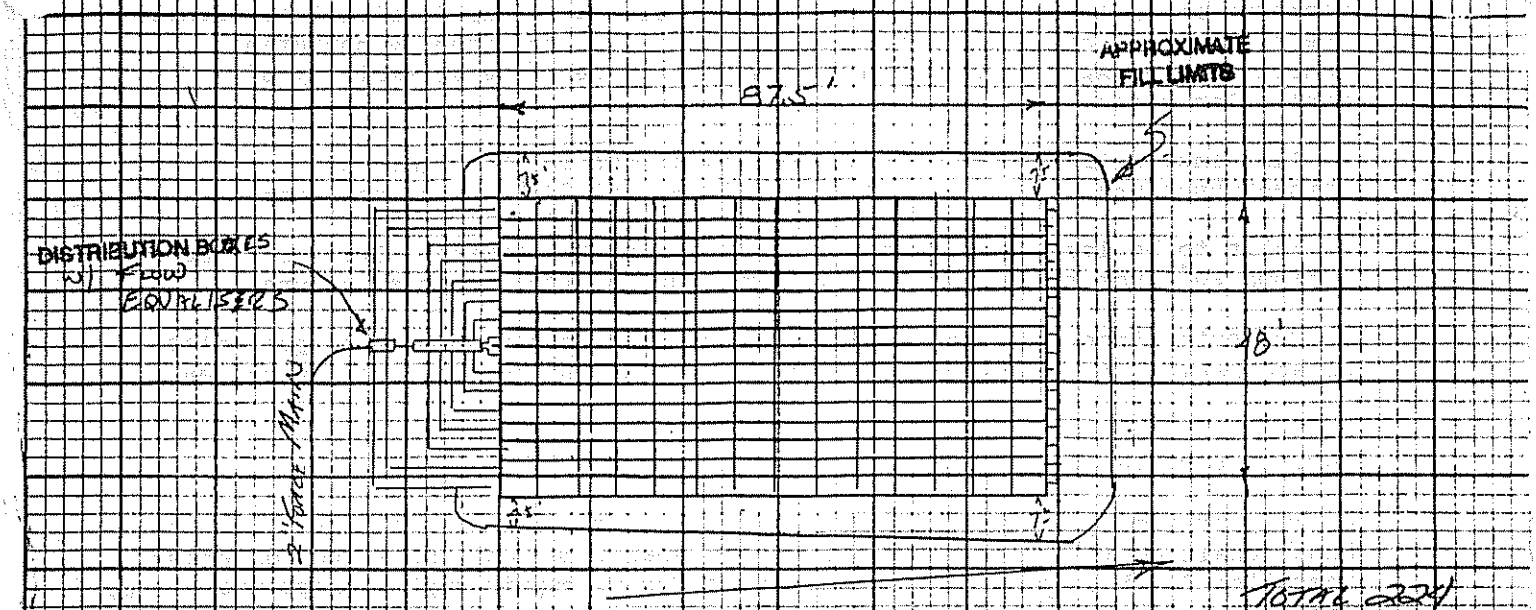
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	DALTON RD	ALLAN RYAN

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 30' Ft.



NOTES:

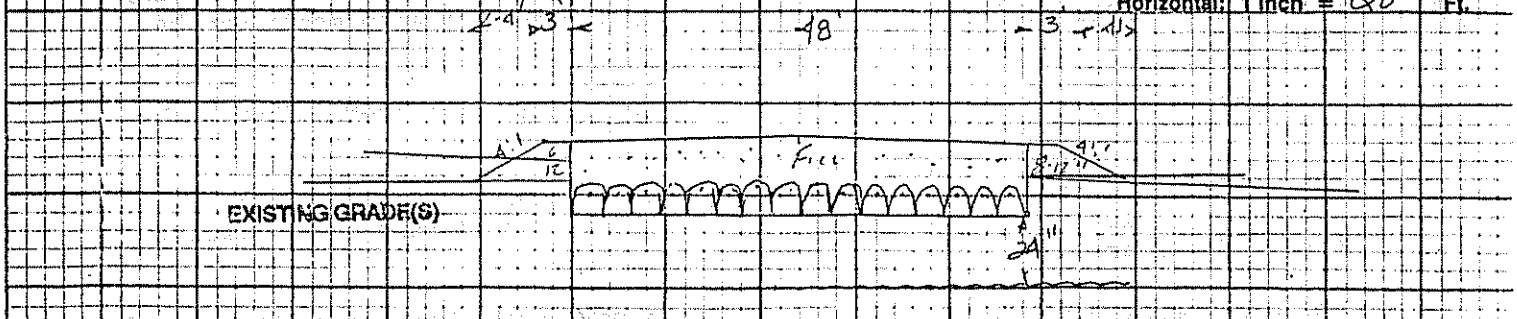
1. EXISTING HIGH CAPACITY INFILTRATORS MAY BE REUSED IF EXTENDED WITH NEW HIGH CAPACITY. NEW INFILTRATORS ARE STANDARD CAPACITY. DISTRIBUTION BOX MUST ACCOMODATE FOR EQUAL FLOW TO BOTH.
2. SOIL INTERFACE OF EXISTING DISPOSAL AREA MUST HAVE EXISTING CLOGGED MAT REMOVED BY RESETTING OR SCRAPING THROUGH EXISTING UNITS.
3. EFFLUENT AS TESTED BOD5 = 81 mg/l TSS = 36 mg/l

$\sqrt[3]{\frac{81+36}{290}} = .90$

FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	6-12"	Reference Elevation is	00"	FLAGGED NAIL IN CMP POLE #319 8" ABOVE GROUND
Depth of Fill (Downslope)	8-12"	Bottom of Disposal Area	HIGHPOD -57" LOWPOD -45"	
		Top of Distribution Lines or Chambers	-42"	

DISPOSAL AREA CROSS SECTION

Scale:
Vertical: 1 Inch = 5 Ft.
Horizontal: 1 Inch = 20' Ft.



- ALL FILL TO BE COARSE, SHARP, LOAMY SAND

Site Evaluator Signature

SE# 181

Date 9-22-93

NOTES

1. Site evaluations conform to criteria of the "State of Maine-Subsurface Wastewater Disposal Rules-Capt 241" latest revision. Other environmental concerns are not evaluated and may require additional professional opinions. The dilineation of wetlands when needed is to be performed by competant consultants engaged in such practice and may affect the suitability of particular sites.

2. All construction to conform to specifications in the "State of Maine-Subsurface Wastewater Disposal Rules-Chapt 241" latest revision.

3. Wells to be located a minimum 100' from disposal system. Systems to be a minimum 20' from structures with foundations 15' from other structures.

4. Property lines shown are as provided by owner/owner's agent no guarantee of accuracy is implied. Actual property lines must be confirmed by survey.

5. A septic tank outlet filter is required when installing a mechanical garbage disposal or solids handling grinder pump.

6. Pump stations, when required, shall be watertight to prevent infiltration. Pumps shall be installed to manufacturers specifications and sized for actual installed T.D.H.. For uniterupted service during repair duplex pumps are required.

7. Force mains and pressure lines shall be flushed of foriegn material and pumps checked for proper on/off cycle before being put in service.

8. Applicability of design must be reevaluated when location of structures are substantially different than shown on the site plan, or when other appurtenances(I.E. swimming pools) are considered.

9. Systems put into service prior to establishing proper cover shall be provided with adequate erosion controls.

10. Provide low profile tanks when determined needed in the field. All tanks may be field located at least 8' from structures.

11. All components subject to freezing must be adequately insulated.

12. The LPI shall inform the owner and designer of local ordinances exceeding the "Rules" prior to issueing a permit, so that necessary amendments can be made.

13. Systems must be maintained as outlined in "Septic Systems-How They Work and How to Keep Them Working" by Maine D.E.P.

14. All designs are subject to Local, State, or Federal review. Designers liability shall be limited to required revisions. In no case shall liabilty exceed designers fee.

The owner/applicants signature on page one aknowledges their understanding of the "Notes".

Attachment to Form HHE-200
J.A. S.E. #181