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 Caution: Permit Required 1938 TOWN COPY

The Subsurface Wastewater Disposal System shall not be installed or altered in any manner prior to the issuance of a Plumbing Permit by the Local Plumbing Inspector. Failure to comply with this notice shall be a violation of the State Plumbing Rules.

Date Permit Issued: 8 15 90 $ 140 00 FEE ☐ If Double Fee Charged

Local Plumbing Inspector Signature: Gary R. Miller L.P.I. # 850

623-8451

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: [signature] Date: 8/15/90

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: [signature] Date Approved: 8-21-90

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 1974
THE FAILING SYSTEM IS:
1. ☑ BED 3. ☐ TRENCH
2. ☐ CHAMBER 4. ☐ OTHER: _____

SIZE OF PROPERTY: 14± ACRE

ZONING: COMMERCIAL/INDUSTRIAL

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
   SPECIFY WAREHOUSE & OFFICES

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

TYPE OF WATER SUPPLY: DRILLED WELL

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
1. ☑ SEPTIC: ☑ Regular ☐ Low Profile
2. ☐ AEROBIC
   EXISTING 1000 + 2000
   SIZE: + NEW 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.)
16 OFFICE WORKERS @ 15 GPD = 240
17 PLANT WORKERS w/ SHOWERS @ 25 GPD = 425
22 TRUCK DRIVERS * w/ TOILET FACILITIES @ 15 GPD 335
DESIGN FLOW: 1000 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
5	B/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 1500 Sq. Ft.
   ☑ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

* ASSUMES DRIVERS IN WAREHOUSE MINIMAL HOURS

SITE EVALUATOR STATEMENT

On 7-31-90 (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: [signature] SE#: 181 Date: 3-13-90

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

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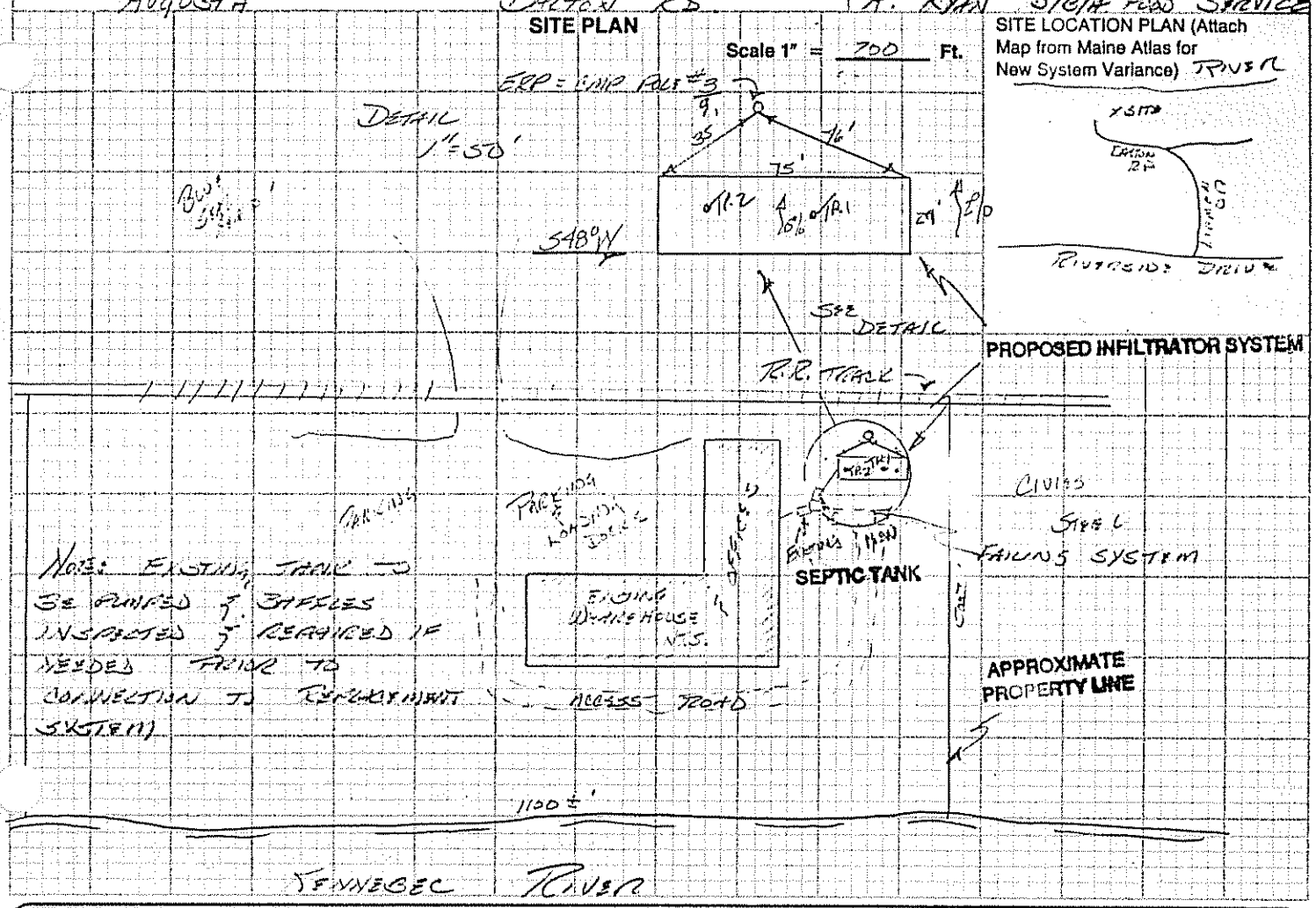
Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	DALTON RD	A. RYAN O/E/A NORTHCENTRAL FOOD SERVICE

SITE PLAN Scale 1" = 700 Ft.



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

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

Observation Hole TP-1 ☑ Test Pit ☐ Boring

_____" Depth of Organic Horizon Above Mineral Soil

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

Soil	Classification	Slope	Limiting Factor	
5 (Profile)	B (Condition)	0 %	N/E	☐ Ground Water ☐ Restrictive Layer ☐ Bedrock

Observation Hole TP-2 ☐ Test Pit ☐ Boring

_____" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–6	LOAM	FRIABLE	BROWN	NONE EVIDENT
6–15	SANDY LOAM		REDDISH BROWN	
15–30	MEDIUM SAND			
30–40			OLIVE BROWN	FEW FAINT
40–50				

Soil	Classification	Slope	Limiting Factor	
5 (Profile)	C (Condition)	0 %	N/E	☑ Ground Water ☐ Restrictive Layer ☐ Bedrock

Site Evaluator Signature

SE# 181

Date 8-12-90

HHE-200 Rev. 1/84

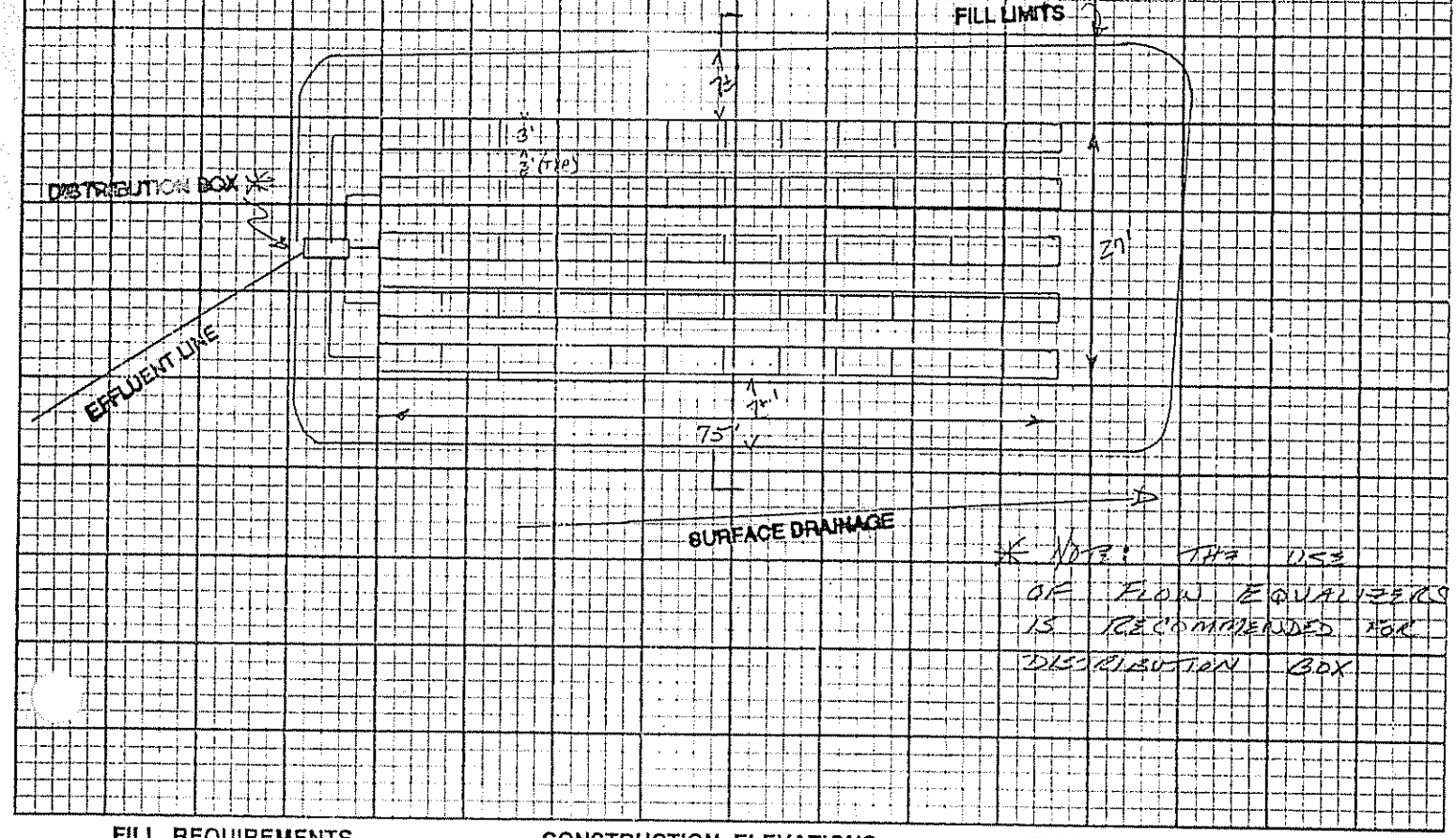
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation: AUGUSTA
Street, Road, Subdivision: DALTON RD.
Owners Name: A. RYAN D/B/A NORTHCENTER FOOD SERVICE

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20' Ft.



* NOTE: THE USE OF FLOW EQUALIZERS IS RECOMMENDED FOR DISTRIBUTION BOX

FILL REQUIREMENTS

Depth of Fill (Upslope) 12"
Depth of Fill (Downslope) 12"

CONSTRUCTION ELEVATIONS

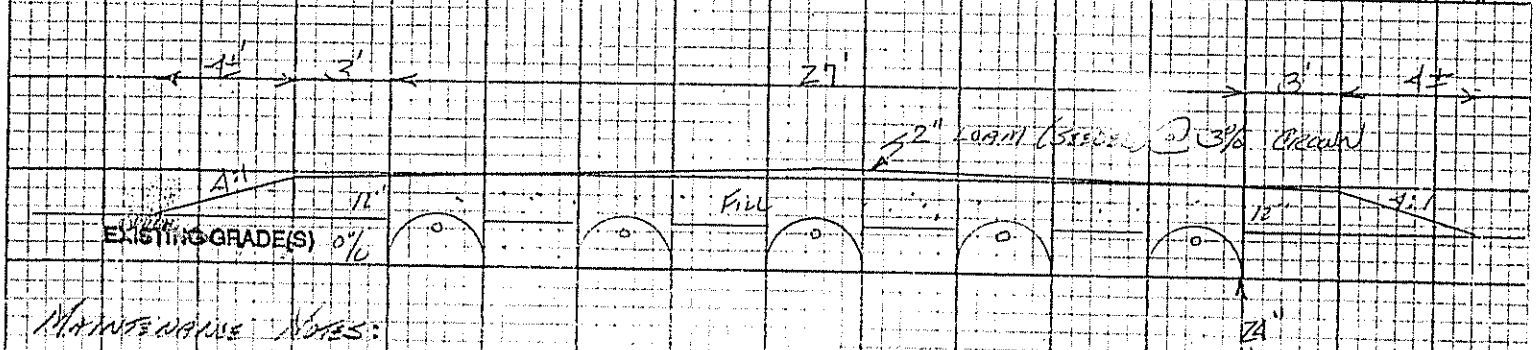
Reference Elevation is 00"
Bottom of Disposal Area -57"
Top of Distribution Lines or Chambers -42"

ELEVATION REFERENCE POINT LOCATION & DESCRIPTION

FLAGGED NAIL IN CMP POLE #3/4 50" ABOVE GRADE

DISPOSAL AREA CROSS SECTION

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



MAINTENANCE NOTES:
1. TANK TO BE PUMPED ON A REGULAR BASIS. RECOMMENDED: EVERY 2 YEARS
2. SYSTEM SHOULD BE KEPT MOWED TO PREVENT ROOT INFILTRATION AND ALLOW EVAPO-TRANSPIRATION.

Site Evaluator Signature

SE# 191

Date 8-12-90

HHE-200 Rev. 1/84

NOTES

1. All constructions shall conform to "State of Maine - Subsurface Wastewater Disposal Rules-Chapter 241" latest revision.

2. All fill shall be sandy loam or coarser, with sufficient fines for adequate compaction.

3. Wells shall be located a minimum of 100' from subsurface disposal systems. Systems shall be a minimum of 20' from any structure.

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

5. A septic tank outlet filter is recommended when installing a mechanical garbage disposal.

6. Pump stations, when required, shall be installed watertight to prevent the infiltration of ground and/or surface water. Pumps shall be installed to manufacturers recommendations and sized for actual installed T.D.H.. For uninterrupted service during maintenance or repair, duplex pump systems are required.

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

8. Applicability of design must be re-evaluated when location of structures are substantially different than those shown on the site plan, or when other structures, additions or appurtenances (I.E. Swimming pools) are considered.

9. Systems put into service prior to establishing proper cover shall be provided with adequate erosion control to prevent damage to the system.

10. Provide low profile septic tank when determined as necessary in the field. Septic tanks may be field located a minimum of 8' from any buildings.

11. A "Minimum Lot Size Variance" is required for any lot less than 20,000 square feet in area (unless grandfathered).

12. Force Mains, Pump Stations, and/or gravity piping subject to freezing shall be adequately insulated.

13. The LPI shall inform the owner and designer of any local ordinance exceeding the rules (Chapt-241) prior to issueing a permit, so that the application may be properly amended to conform to such ordinance.

14. All designs are subject to review by local, State, or Federal authority. Designers liability shall be limited to revisions required by regulatory agency.