HERSHEY'S Ice Cream

Famous for Quality Since 1894

HERSHEY CREAMERY COMPANY

DAVE TRACY
MANAGER

987 RIVERSIDE DRIVE
AUGUSTA, MAINE 04330
PHONE: (207) 626-3539

235

David Studer
RFD 1 Box 324
Washington, ME 04574
Site Evaluator

12/2/91

Dave Tracy
Hershey Ice Cream
Riverside Drive
Augusta, Maine

RE: Disposal system for Floor Drain

Dear Dave,

I have enclosed plans for a treatment tank to be installed to handle the floor drain in the Hershey Ice Cream building on Riverside Drive in Augusta. I talked with Jay Hardcastle at Health Engineering, and he said he had no problems with using the existing disposal system for the wastewater from the new tank.

The existing system was designed to handle a mobile home with an estimated the flow at 180 to 270 g.p.d.; and a shop/showroom with two existing bathrooms with an estimated the design flow at 75 g.p.d.(5 employees). A minimum existing total flow design would be about 255 gallons/day.

According to our estimates, each truck when washed generates about 15-20 gallons of waste water. No more than 4 trucks would be washed on any day. Currently you have only one employee at the warehouse. The estimated design flow needed now is about 95 gallons per day. For the future, you could double your current operation, and still be within conservative estimates of the existing design flows.

I suggest you check the tank every few months, in the beginning, to see the amount of solids trapped. This will give you a good idea on how often you need to clean it out. And don't forget to check and clean the existing tank and pump station on a regular basis too.

If you have any questions, feel free to call me at 845-2352. Enclosed is a statement for this project.

Sincerely,

Dave Studer

David Studer, LSE 275

2351

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

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

M3L2

AUGUSTA Date Permit Issued 12 30 91 — Local Plumbing Inspector Signature

2315 TOWN COPY — $ 130 FEE — ☐ If Double Fee Charged — L.P.I. # 1850

PROPERTY ADDRESS

Town Or Plantation	AUGUSTA
Street Subdivision Lot #	Rt. 201 RIVERSIDE DR.

PROPERTY OWNERS NAME

HERSHEY ICE CREAM

Last: First:

Applicant Name:	DAVE TRACY
Mailing Address of Owner/Applicant (If Different)	

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.

X _____ 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 ICE CREAM DISTRIBUTOR — 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
32 AC	COMMERCIAL ?

TYPE OF WATER SUPPLY
~~DRILLED WELL~~ TOWN WATER

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK NEW
1. ☐ SEPTIC: ☒ Regular ☐ Low Profile
2. ☐ AEROBIC

SIZE: 1000 GALS.

WATER CONSERVATION
1. ☒ NONE
2. ☐ LOW VOLUME TOILET
3. ☐ SEPARATED LAUNDRY SYSTEM
4. ☐ ALTERNATIVE TOILET

SPECIFY: _____

PUMPING NEW TANK
1. ☒ NOT REQUIRED
2. ☐ MAY BE REQUIRED (DEPENDING ON TREATMENT TANK LOCATION AND ELEVATION)
3. ☒ ~~REQUIRED~~ EXISTING

DOSE: ? GALS.

CRITERIA USED FOR DESIGN FLOW (BEDROOMS, SEATING, EMPLOYEES, WATER RECORDS, ETC.)
2 or 3 BEDROOM HOME = 180 270
+ 5 EMPLOYEES = 75 75
OR 255 345
1 EMPLOYEES = 15
+ 4 TRUCKS @ 20 g/TRUCK = .80
NOW NEEDED → .95
EXISTING
DESIGN FLOW: 255 - 345 (GALLONS/DAY)

SOIL CONDITIONS USED FOR DESIGN PURPOSES

PROFILE	CONDITION
N/A	

DEPTH TO LIMITING FACTOR: _____

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

N/A

DISPOSAL AREA TYPE/SIZE
1. ☐ BED EXISTING _____ Sq. Ft.
2. ☐ CHAMBER _____ Sq. Ft. ☐ REGULAR ☐ H-20
3. ☐ TRENCH _____ Linear Ft.
4. ☐ OTHER: _____

SITE EVALUATOR STATEMENT

On 11-27-91 (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.

David Studer — Site Evaluator Signature
275 — SE#
11-30-91 — Date

(Local Plumbing Inspector's Signature

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

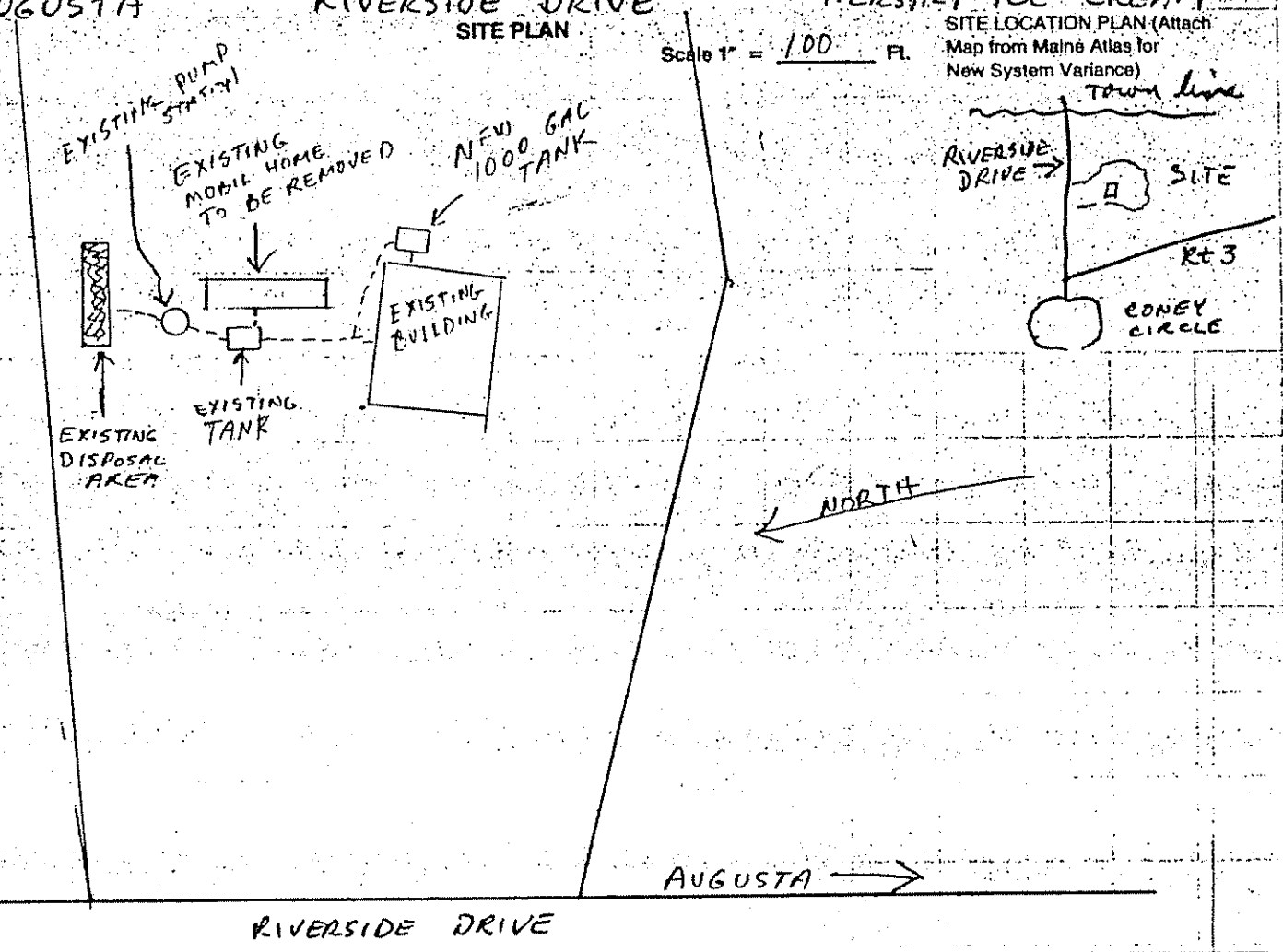
Town, City, Plantation: AUGUSTA

Street, Road, Subdivision: RIVERSIDE DRIVE

Owners Name: HERSHEY ICE CREAM

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 _____ ☐ Test Pit ☐ Boring

_____" Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling

DEPTH BELOW MINERAL SOIL SURFACE (Inches): 0, 6, 10, 15, 20, 30, 40, 50

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

Observation Hole _____ ☐ Test Pit ☐ Boring

_____" Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling

DEPTH BELOW MINERAL SOIL SURFACE (Inches): 0, 6, 10, 15, 20, 30, 40, 50

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

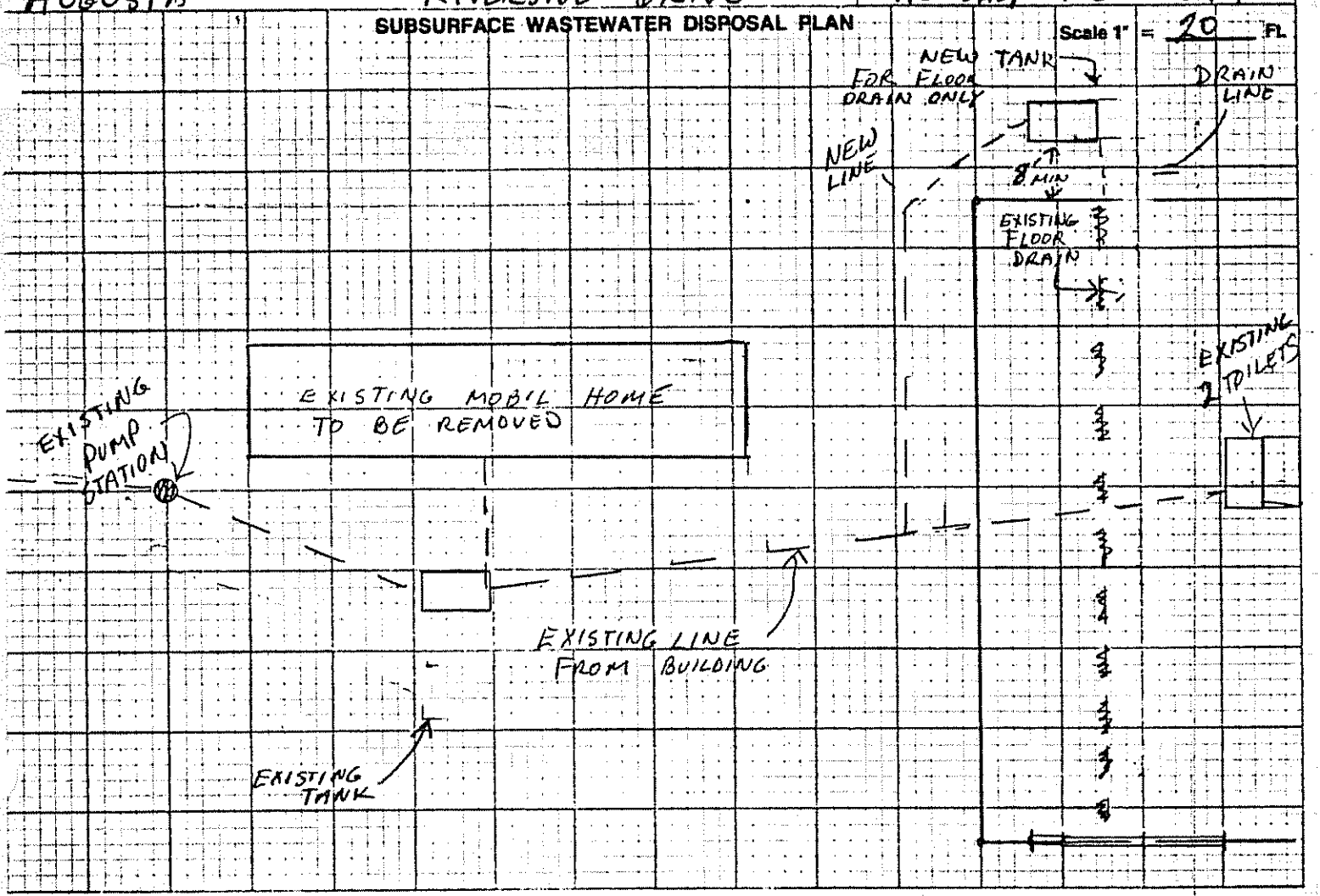
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owners Name
AUGUSTA	RIVERSIDE DRIVE	HERSHEY ICE CREAM

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale 1" = 20 Ft.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		ELEVATION REFERENCE POINT LOCATION & DESCRIPTION
Depth of Fill (Upslope)	____"	Reference Elevation is	____	
Depth of Fill (Downslope)	____"	Bottom of Disposal Area	____	
N/A		Top of Distribution Lines or Chambers	____	N/A

DISPOSAL AREA CROSS SECTION

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

David J Study
Site Evaluator Signature

275
SE#

11-30-91
Date

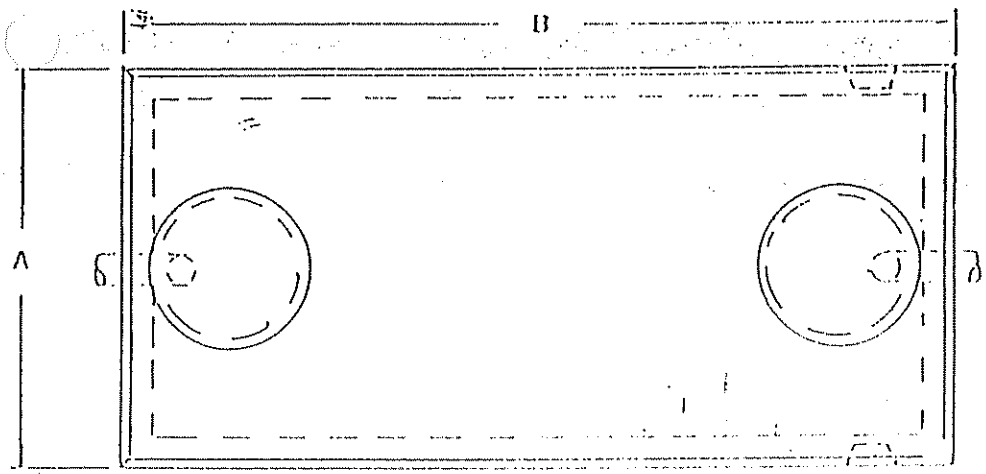
HHE-200 Rev.1/84

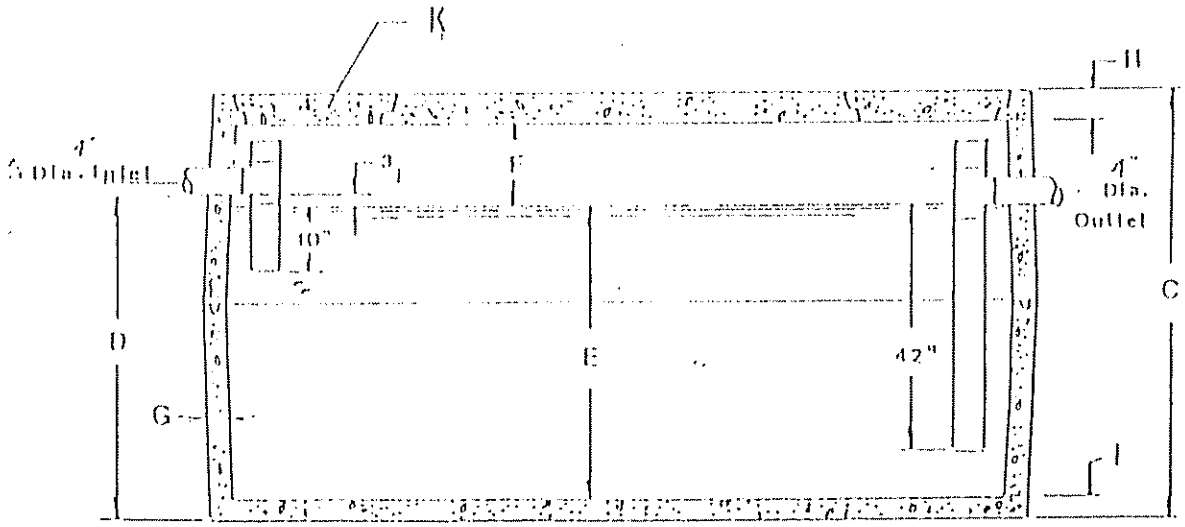
GAGNE & SON · GAGNE PRECAST

concrete blocks & masonry supplies

BELGRADE — 1-800-322-0252 FAX # — 1-495-3451
VEAZIE — 1-800-432-7845

GALLONS	A	B	C	D	E	F	G	H	I	J	K	
750	4'10"	8'6"	4'5"	3'9"	3'2"	7"	3'10"	4"	4"		18" dia	
1,000	4'10"	8'6"	5'4"	4'9"	4'6"	7"	4'8"	4"	4"		18" dia	
1,500	6'4"	10'6"	5'5"	4'9"	4'6"	7"	4'9"	4"	4"		18"dia	
2,000	6'4"	10'6"	6'2"	5'7"	5'4"	7"	6'6"	4"	4"		18"dia	





Size	Item No.
750 gal.	2003
10 gal.	2014
15 gal.	2022
2000 gal.	2032

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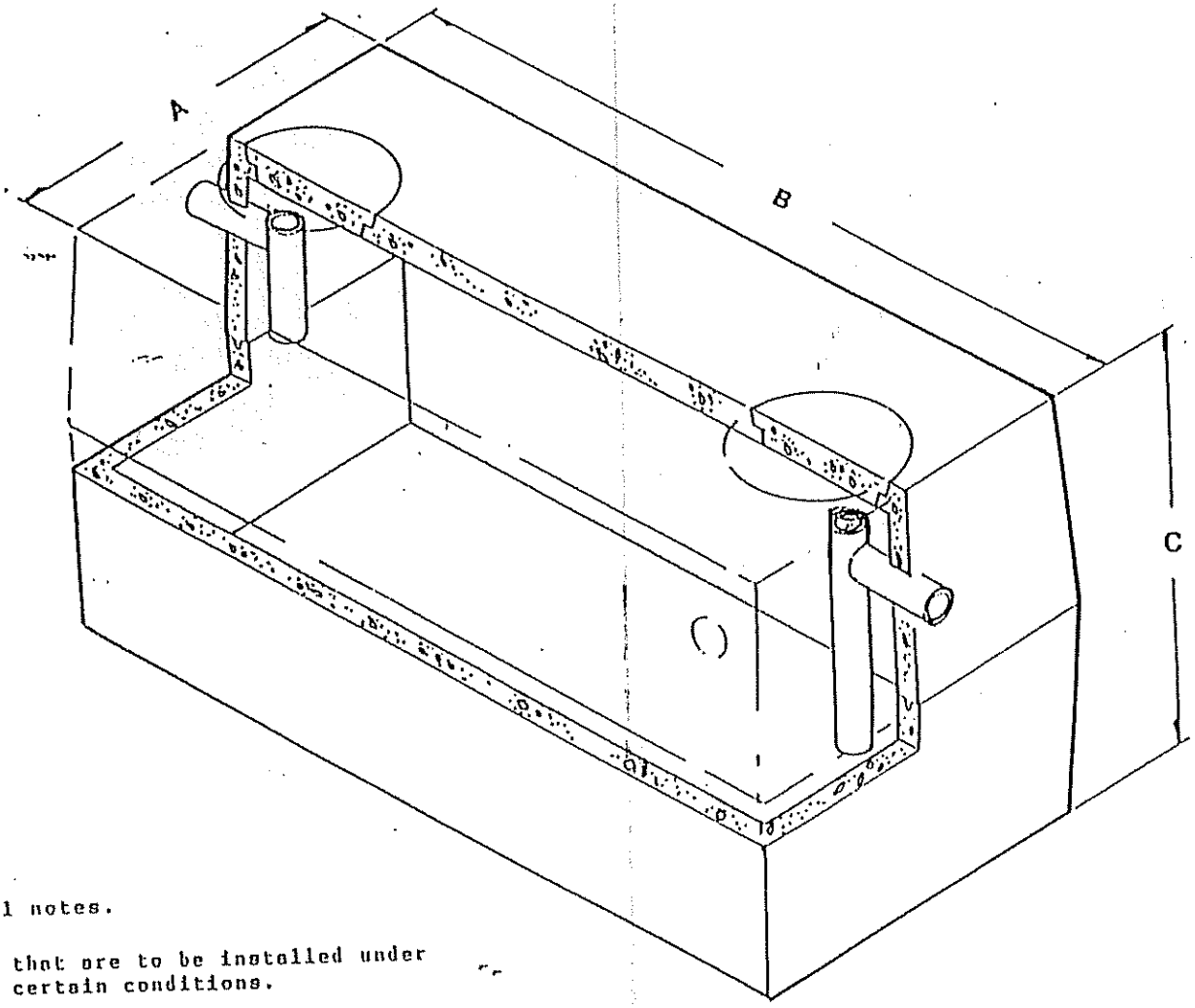
concrete blocks & masonry supplies

BELGRADE — 1-800-322-0252 FAX #—1-495-3451
VEAZIE — 1-800-432-7845

GREASE TRAP



Special notes.

Tanks that are to be installed under these certain conditions.

- 3' or more below ground level
- parking lots
- Driveways
- Roadways

Must use H-20 load bearing tanks.

Also Avail:

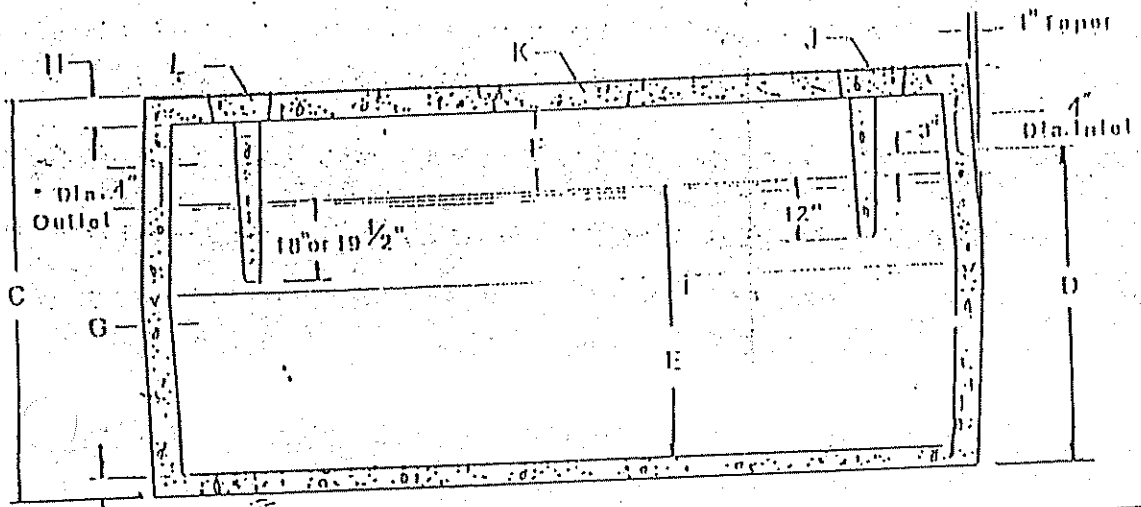
H.D. Grease Trap

GAGNE & SON · GAGNE PRECAST
concrete block & masonry supplies

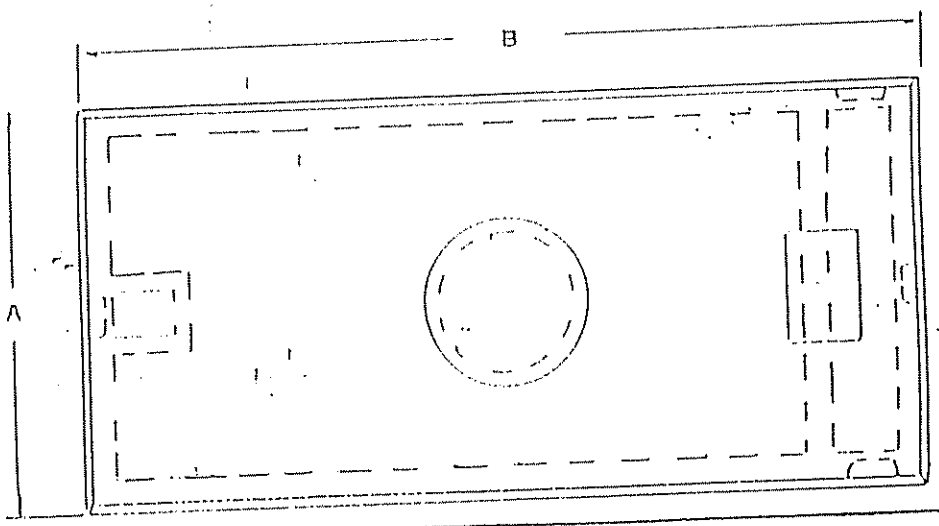
BELGRADE — 1-800-322-0252 FAX # — 1-495-3451
VEAZIE — 1-800-432-7845

1000 gal Septic Tank

STANDARD INLET BAFFLE, OUTLET BAFFLE



GALLONS	A	B	C	D	E	F	G	H	I	J	K	L
1,000	4'10"	8'6"	5'4"	4'9"	4'6"	7"	4'8"	4"	4"	12 x 16	18" dia	7½ x 12



Size	Item No.
1000 gal.	2010

Special notes.

Tanks that are to be installed under these certain conditions.

- ' or more below ground level
- parking lots
- Driveways
- Roadways

Must use H-20 load bearing tanks.