

APPLICATION

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3

DATE 8/13/69

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Mark A. Wakefield, Jr.

ADDRESS 231 Chatham Rd., Ellicott City, Md. PHONE HO 5-1345

PROPERTY LOCATION:

SUBDIVISION Woodmark, Inc. LOT NO. 60, Blk. B, Sec. 6

ROAD AND DESCRIPTION Pan's Spring Court

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 160' x 265' x 180' x 315' TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT /s/ Mark A. Wakefield, Jr.

APPROVED BY _____ FOR _____ (KIND OF SYSTEM) DATE _____

REJECTED BY _____ FOR _____ (KIND OF SYSTEM) DATE _____

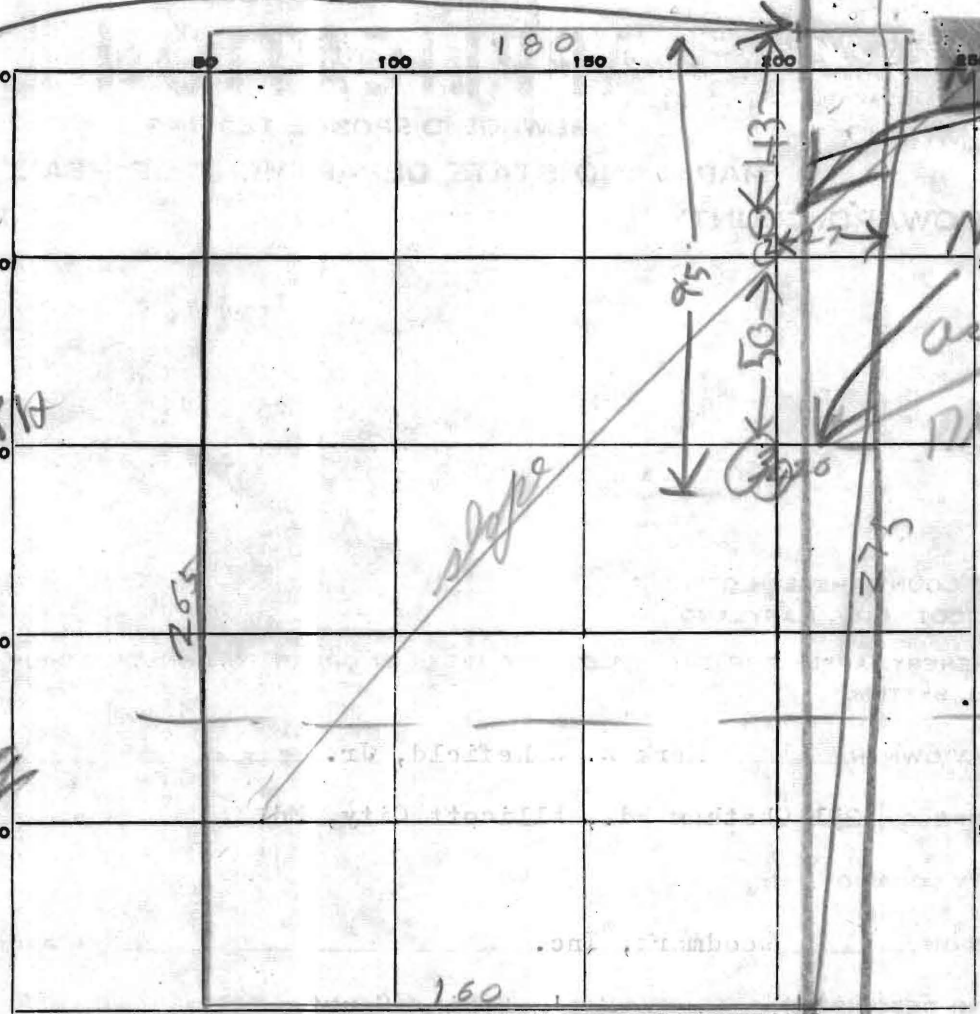
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

12/5/69

Approx 30 FT
 shaft inside
 line Test holes
 too close to
 side line
 Retest necessary



Now 30
 Now 20
 as for
 Dry Well

12/17/69
 New Culver
 slight change

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PANS SPRING COURT

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/10/69	1	12	1027	1028	1028	1029	1
	2	5	1028	1029	1029	1031	3
	3	12	1033	1034	1034	1035	1
	4	5 1/2	1033	1035	1035	1037	2

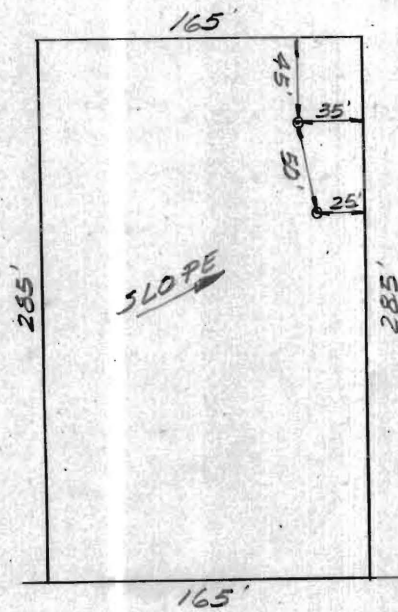
2 min
 as
 Lot
 size
 &
 DW
 size
 max
 depth
 5 ft

SOIL AUGER FINDING

TESTED BY J. B. Hodges

REMARKS 60

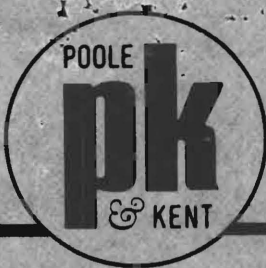
NOTE:
LOCATION OF PERCOLATION TEST HOLES
SHOWN HEREON HAS BEEN DETERMINED
BY STADIA TOPOGRAPHY FROM KNOWN
TRAVERSE STATIONS.



PAN'S SPRING COURT

av Time	max Depth
2	5

PERCOLATION TEST LOCATION
LOT NO. 60
SECTION SIX
WOODMARK
3RD. ELECTION DISTRICT
HOWARD COUNTY, MD.



THE POOLE AND KENT COMPANY
MECHANICAL CONTRACTORS

4530 HOLLINS FERRY ROAD
BALTIMORE, MARYLAND 21227
TELEPHONE: (301) 247-2200

June 6, 1973

Howard County Dept. of Health
Mr. Palmer Wine
3450 Court House Drive
Ellicott City, Maryland 21043

Gentlemen:

We request approval of Model CA-900 Waste Water Treatment system unit as manufactured by Gromaglass Corporation per the attached brochure for use at the four (4) bedroom residence of:

Mr. & Mrs. Raymond C. Jung
12337 Pans Spring Court
Woodmark Howard County

The residence is located on Lot #60 Block B, Section 6 Plat Book 18 Folio 100.

On 3/15/73, the builder, Tattrie & Levy had the residence, septic tank and dry well located on a Plot Plan. This installation will be made with a Dry Well located 95' from the back line and 25' from the right side.

Please return one copy of this letter with your comments.

Very truly yours,

THE POOLE & KENT COMPANY

Raymond C. Jung

RCJ/II
Enclosure

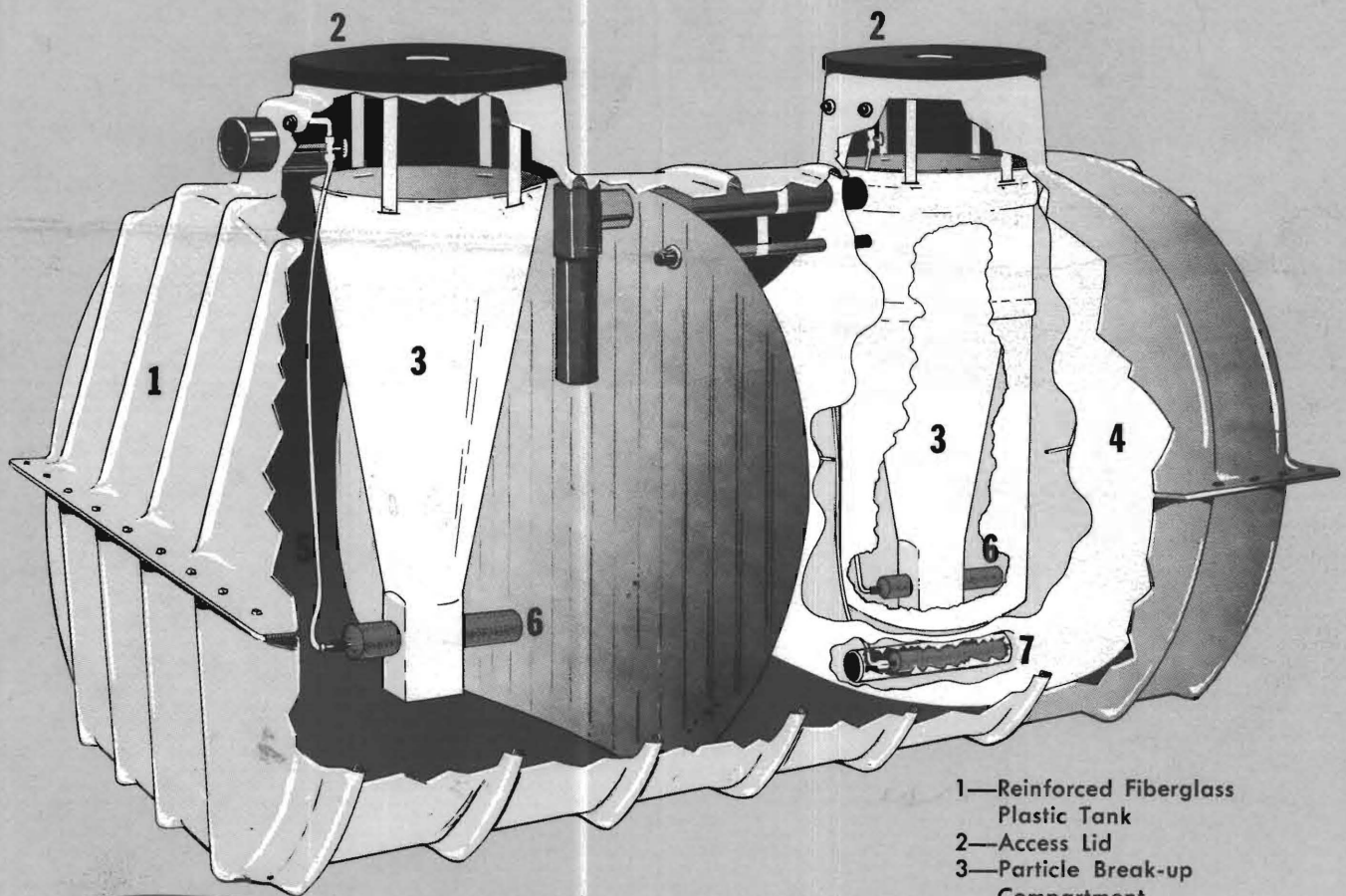
*app 6/21/73
oew*

*Cromaglass*TM

1275.00
130.00
1405.00

AEROBIC

WASTEWATER TREATMENT SYSTEMS



MODEL CA-900

Patent Nos. 3,210,053
207,293
207,294

- 1—Reinforced Fiberglass Plastic Tank
- 2—Access Lid
- 3—Particle Break-up Compartment
- 4—Large Filter retains solids until oxidized
- 5-6—Aeration System
- 7—Outer Aerator

CROMAGLASS Corporation

Williamsport, Penna. 17701

• Telephone (717) 326-3396

CROMAGLASS MODEL CA-900

CROMAGLASS Model CA-900 Sewage Treatment Systems have been designed for large homes, small factories, commercial buildings, mobile homes, etc. This model combines the unique filtration principle of standard CROMAGLASS units with a compartmentalized contact - tempering chamber. Surge loadings are more readily adapted to efficient biological decomposition and this extended process accommodates larger than average installation flows of wastewater.

Vacation or leisure homes often expel extraordinary quantities of wastewater within a few days occupancy due to large numbers of guests - Model CA-900 treats these excesses at little extra initial cost.

These extras are supplemented by the same advanced principles of filtration and aeration contained in all CROMAGLASS Systems - providing relatively colorless, odorless effluent for ground or surface disposal in areas not serviced by municipal treatment facilities.

SPECIFICATIONS

PROCESS—Aerobic Oxidation and Filtration.

WARNING DEVICE—An Automatic Signal Device that is activated in the event system fails, indicating need for service.

SURFACE OR STREAM DISCHARGES—In accordance with State and/or Local Health Department Regulations.

DISINFECTION—(Chlorination, etc.) where required.

CONSTRUCTION MATERIALS:

- Tank—Fiberglass Reinforced Plastic
- Mixing Cone—Polyethylene
- Filter Material—Inert
- Piping and Fittings—Schedule No. 40 - PVC - NSF Approved
- Metal Fittings—Aluminum

TREATMENT CAPACITY (Average Daily Flow)
15 Persons x 60 G.P.D./Person 900 G.P.D.

B.O.D. LOADING
.17 lbs. B.O.D./Person/Day x 14.8 Persons 2.38 lbs.

AIR RATE Delivered 5.5 C.F.M.
2000 Cu. Ft./lb. B.O.D. x 1.36 lbs. B.O.D.
7920 Cu. Ft./Day

EFFLUENT QUALITY—900 G.P.D. Flow
Biochemical Oxygen Demand 85-95% reduction

COMPRESSOR—Vane Type, 1725 RPM, 5.5 C.F.M. Capacity @ 2 PSIG

MOTOR—NEMA A-48 Open Frame, 1725 RPM, ½ H.P., 115v, 60 cycle

DIFFUSERS—2" Dia. x 12" Long Aluminum Oxide

DIMENSIONS:

- Tank—5'-0" I.D. x 8' Long
- Inlet and Outlet—Standard 4" Pipe or as required

WEIGHT:

Tank (Net) Complete	320 lbs.
Motor and Blower	40 lbs.
Total	360 lbs.

6 week delivery

CROMAGLASS MODEL CA-310

Smaller than normal facilities such as cabins, two bedroom mobile homes, stores, and other commercial or industrial buildings can take advantage of the CROMAGLASS Model CA-310. Developed and designed the same as Model CA-610 but smaller, this unit requires less excavation, is easier to handle, but utilizes the same proven principles of filtration and aeration. Considering the lower initial cost of equipment, the CA-310 offers an economical sewage disposal system for those buildings with low wastewater discharges. Use with clothes washer or automatic dishwasher, not recommended.

SPECIFICATIONS

TREATMENT CAPACITY (Average Daily Flow)
5 Persons x 50 G.P.D./Person 250 G.P.D.

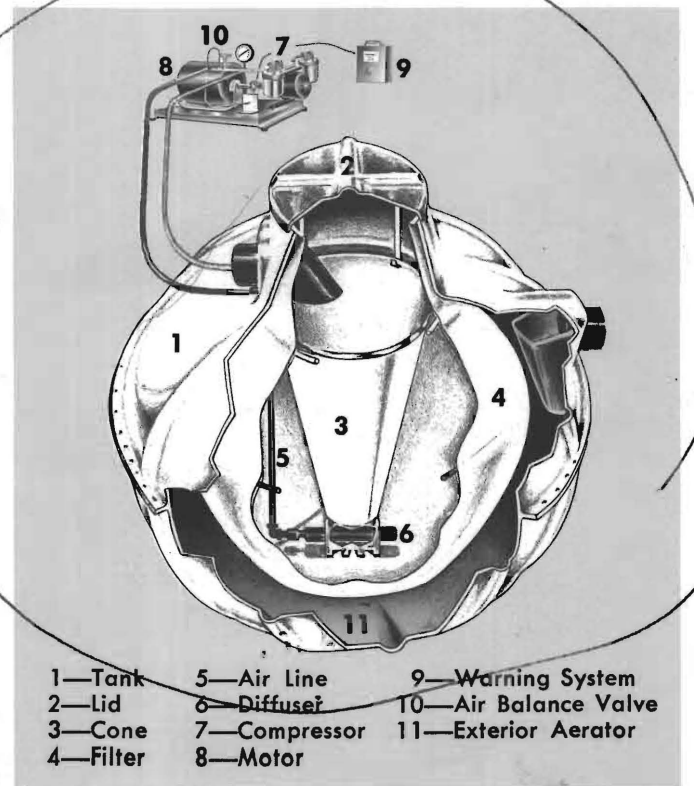
B.O.D. LOADING, AIR RATE, EFFLUENT QUALITY, COMPRESSOR, MOTOR, DIFFUSERS—Same as Model CA-610

DIMENSIONS:

- Tank—56" High x 56" Wide
- Inlet and Outlet—Standard 4" Pipe

WEIGHT:

Tank (Net) Complete	150 lbs.
Motor and Compressor	35 lbs.
Total	185 lbs.



- | | | |
|----------|--------------|----------------------|
| 1—Tank | 5—Air Line | 9—Warning System |
| 2—Lid | 6—Diffuser | 10—Air Balance Valve |
| 3—Cone | 7—Compressor | 11—Exterior Aerator |
| 4—Filter | 8—Motor | |