

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 520078-A

AGENCY REVIEW: _____

DATE 3/2/04

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH unknown PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE UNKNOWN IF APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) LDG, Inc.

DAYTIME PHONE (301) 585-7000 CELL _____

FAX (301) 585-4604

MAILING ADDRESS Lee Plaza, Suite 200
8601 Georgia Ave. Silver Spring

MD 20910-3437
STATE ZIP

APPLICANT VanMar Associates, Inc.

DAYTIME PHONE (301) 829-2890 CELL _____

FAX (301) 831-5603

MAILING ADDRESS 310 South Main St. Mt. Airy

MD 21771
STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Patapsco Overlook

LOT NO. 2

PROPERTY ADDRESS Old Frederick Road Lisbon

STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 2 GRID 24 PARCEL(S) 32 PROPOSED LOT SIZE 1.12Ac±

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT. Melanie Pepp
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

AP

505
 Strong org sticky CLL
 platy brn sCLL
 Qtz lens
 Densely packed LOAM
 SAP frags run N/S yellow str red

Bottom
 Steep Rock
 13'

506
 Strong red platy sCLL
 Densely packed Hard Sap
 ~25-35%

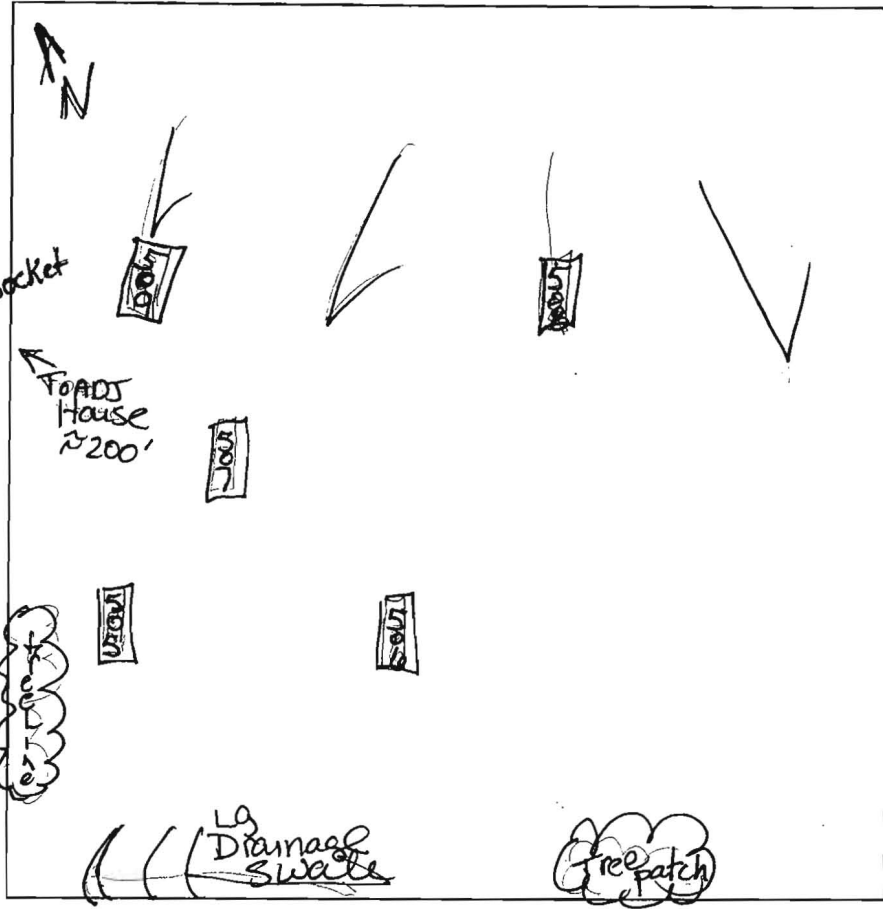
Strong yellow
 5 1/2'

1 1/2 brn yellow fine S/S
 Small CLL
 HARD Bottom
 1 1/2'

(downhill side)

507
 Rd sCLL
 10-15%+ Densely packed
 wk rd brn tan yellow Loam
 SAP frags ~35%

50% SAP
 H. Bottom
 10'
 1 1/2'



509
 Str red wk org sCLL
 Densely packed
 Qtz lens
 layers of L
 CLL
 rd, yellow
 wk org yellow red Loamys

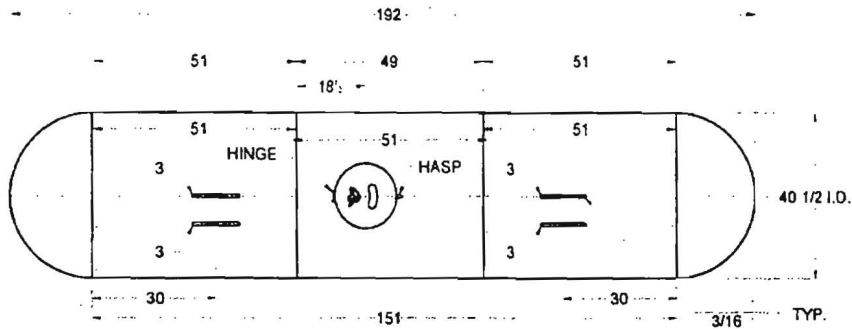
508
 rd brn CLL
 very platy w/ hard Saprolite
 overall Saprolite ~45-50%

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6/14/04	505	6 1/2'S	9:31	TOO SLOW			redig
	506	5 1/2'S	9:37	9:45	10:05	30 min	M/P OK
	507	5 1/2'S	9:49	10:08	10:34	~26 min	OK
		1 1/2'	2 1/2 gal @ 9:50	most gone in 45 sec.		NE corner puddle SAP 2 min	M/F
	509	5 1/2"	10:15	@ 10:27 still on 1 1/2' peg	DUE to Visual	SIT ALLOW	M/F
	505	7 1/2'S	10:00	10:04	10:13	9 min	OK
	508	4'S	10:21	10:24	10:29	5 min	M/P OK
		ENOUGH LOAM surrounding		Saprolite			

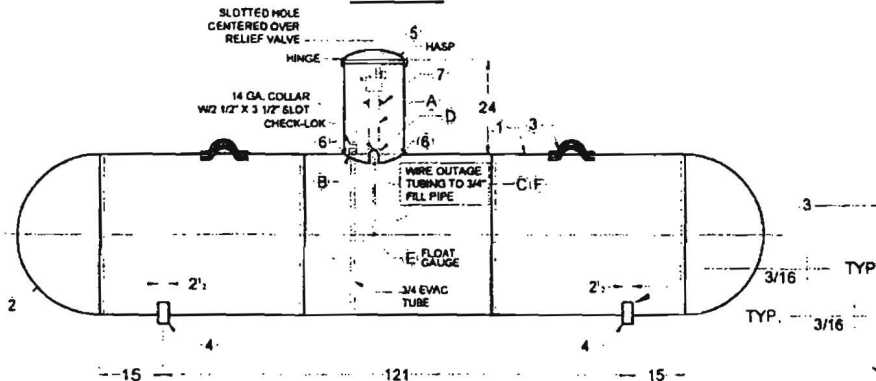
1 1/2' H. Bottom?

REMARKS Stake 2 dug per plan
 SANITARIAN Kaue BACKHOE Justin B OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

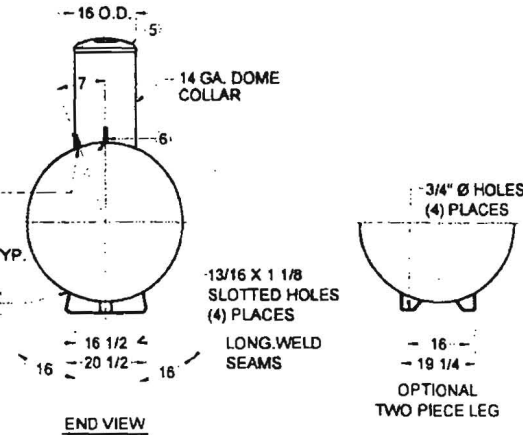
THIS VESSEL IS DESIGNED FOR THE STORAGE
OF LIQUEFIED PETROLEUM GAS ONLY



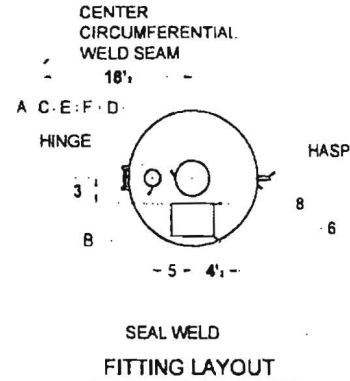
TOP VIEW



SIDE ELEVATION



END VIEW



TANKS SOLD WITH COMPOSITE
DOME MUST HAVE UL MARK REMOVED
AND DATA REPORT CORRECTED

CERTIFIED BY: AMERICAN WELDING & TANK LLC
FREMONT, OHIO - WEST JORDAN, UTAH

ASME U W RTA 201 SER. NO. *SY

MAX. ALLOW. WORK PRESS. 250 PSI AT 400 °F.
W.D.M.T. -20 °F. AT 250 PSI PLANT NO. *
YEAR BUILT 201

LENGTH 192 IN. OUTSIDE DIA. 41 IN.
HEAD THK. 202 IN. SHELL THK. 238 IN.
UNDER GROUND TYPE AWT-JG SURFACE AREA 172 SQ. FT.
LISTED CONTAINER ASSEMBLY FOR LP GAS 695A HEAD D.R. HEMI WATER CAPACITY 1000 GALLONS

THIS CONTAINER SHALL NOT CONTAIN A PRODUCT HAVING A VAPOR PRESSURE IN EXCESS OF 215 PSI AT 100°F. DIP TUBE LENGTH - 89% FULL AT 50°F. D.T. = 8.0" IN.

DATA PLATE DETAIL

- GENERAL NOTES:**
- LIFTING LUGS DESIGNED FOR TOTAL LIFTING WEIGHT OF 2700#
 - TOTAL EMPTY WEIGHT IS 1794#
 - ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIC
 - COMPLETE TANK DRIED TO REMOVE ALL MOISTURE.
 - ALL WEIGHTS AND CAPACITIES ARE APPROXIMATE
 - EXTERIOR OF TANK TO BE GRIT BLASTED.
 - PAINT PER SHOP ORDER.
 - VACUUM PURGE TANK.
 - DIMENSIONS ARE SUBJECT TO CHANGE WITH OUT NOTICE. (NON-PRESSURE RETAINING COMPONENTS ONLY)
 - THREADS OF ALL FITTINGS TO BE COATED WITH COMPOUND SUITABLE FOR USE WITH LP GAS.
 - FLOAT GAUGE TO BE INSTALLED WITH FLOAT ARM 45 ° OFF LONGITUDINAL CENTERLINE OF TANK.
 - DOUBLE LIFTING LUGS ON LONG RISER TANKS ONLY

GENERAL SPECIFICATIONS	
WATER CAPACITY (GALLONS)	1000
ALLOWABLE WORKING PRESSURE (PSIG)	250
JOINT EFFICIENCY:	
ASME UW-51 LONG SEAM	100 %
ASME UW-52 HEAD TO SHELL	80 %
HYDROSTATIC TEST PRESSURE (PSIG)	325
SURFACE AREA (SQ. FT.)	172
RELIEF VALVE SETTING (PSIG)	250
RELIEF DISCHARGE RATE - (CFM REQ'D.)	1086
HEAT TREATMENT NOT REQUIRED	
CODE:	ASME SECTION VIII DIV. I
STANDARDS:	UNDERWRITERS LABORATORIES INC. MH-5127
N.F.P.A. 58 LP GAS CODE	
MATERIAL SPECS:	TANK FLANGES SA-105 or SA-181
	ADAPTOR SA-105
	PIPE - SA53B OR SA106B

1000 W.G. UNDERGROUND
PROPANE TANK-TYPE-AWT-JG

AMERICAN WELDING & TANK LLC

REV.	BY:	DESCRIPTION	DATE:
21	CDH	CORRECTED MARK "1" TO TWO SHELLS	4/15/02
22	CDH	REVISED MOMT PRESSURE TO 250 PSI	8/13/02
23	CDH	DELETED DOME LUGS. ADDED SNAP LOCKS	8/30/02
24	CDH	RE POSITIONED SNAP-LOCK DETAIL	10/10/02
25	CDH	ADDED NOTE FOR BLC IN SIDE ELEVATION	3/11/03
26	CDH	ADDED FLOAT GAUGE DESCRIPTIONS	5/8/03
27	CDH	CORRECTED SHELL LENGTH	11/12/03
28	wls	ADDED SA4140 SHELL OPTION	8/17/04
29	wls	ADDED OPTION FOR SA181 FLANGES	8/4/05
30	wls	REVISED COMPANY NAME	12/08/07
31	wls	CHANGED TO NARROW PLATE	03/08/09
32	wls	UPDATE NAME PLATE	08/08/12

MARK	QTY.	SIZE	TYPE	FITTINGS			MARK	QTY.	DESCRIPTION	DWG NO.
				REGO	SHERWOOD	SERVICE				
A	1	2 1/2	SCHE. ESTER TOE X 2 1/2	BG8475RL24.1	PV2088PT	MULTIVALVE	1	2	SHELL - 0.238" X 51" X 127 5/16" - SA455 / SA414G	
A (ALT.)	1	2 1/2	SCHE. ESTER TOE X 2 1/2 LG. A SOCKET WELD	BG8475RL24.1	PV2088PT	MULTIVALVE	2	2	HEADS - 40 1/2" I.D. X 0.202" - HEMI SA414C	
B	1	3/4	10' FULL W/ EVAC TUBE	7580U	PVE5136	CHEK-LOK	3	4	LIFTING LUGS	D-2
C	1	3/4	SCH. 40 PIPE (T.O.E.)				4	2	TANK LEGS (SINGLE PIECE LEG)	D-3
D	1	2 1/2	3/4 SOCKET WELD FLG				4 (OPT)	4	TANK LEGS, 1 1/4" X 2 1/2"	D-2
E	1	1 1/4	4 - BOLT 5/16"				5	1	DOME, 2 PIECE, HINGED	D-5
F	1	1/8	BRASS TUBE				6	2	SNAP-LOCK CLIPS	D-284-D-30
							7	2	ANODE ATTACHMENT (ROUND DISK W/ WIRE)	D-7
							8	1	DATA PLATE - 1000 GAL. - UG	

UG STANDARD



