

05-371481

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 56963

A 26163

DISTRICT _____

DATE 6-3-96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

DATE SYSTEM APPROVED 12/3/96

INSPECTOR DVS-
PAC
OWNER

INDEXED

Fogles's Septic Clean, Inc. IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 558- R Obrecht Road, Sykesville, MD 21784 PHONE 795-5674

SUBDIVISION Linden Chapel Hills LOT 13B ROAD 5031 Morning Star Drive

PROPERTY OWNER Steven Olenick & Katherine Bradshaw

ADDRESS _____

SEPTIC TANK CAPACITY 1500 GALLONS

NUMBER OF BEDROOMS 5

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 225'

BUILD PERMIT SIGNED

AND RETURNED 5-20-99

Serial # B00115094
deh

TRENCHES - Trench to be 2 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - As seen when facing the lot from Morning Star Drive, start the first trench 140' from the left (305') lot line and 115' from the rear (277.75') lot line. Run trenches on contour to rear of lot (at least 100' from the well to all parts of the septic system).

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK/MR*

PLANS APPROVED BY Glen Savage DATE 6/10/96

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

HD-260(6-90)

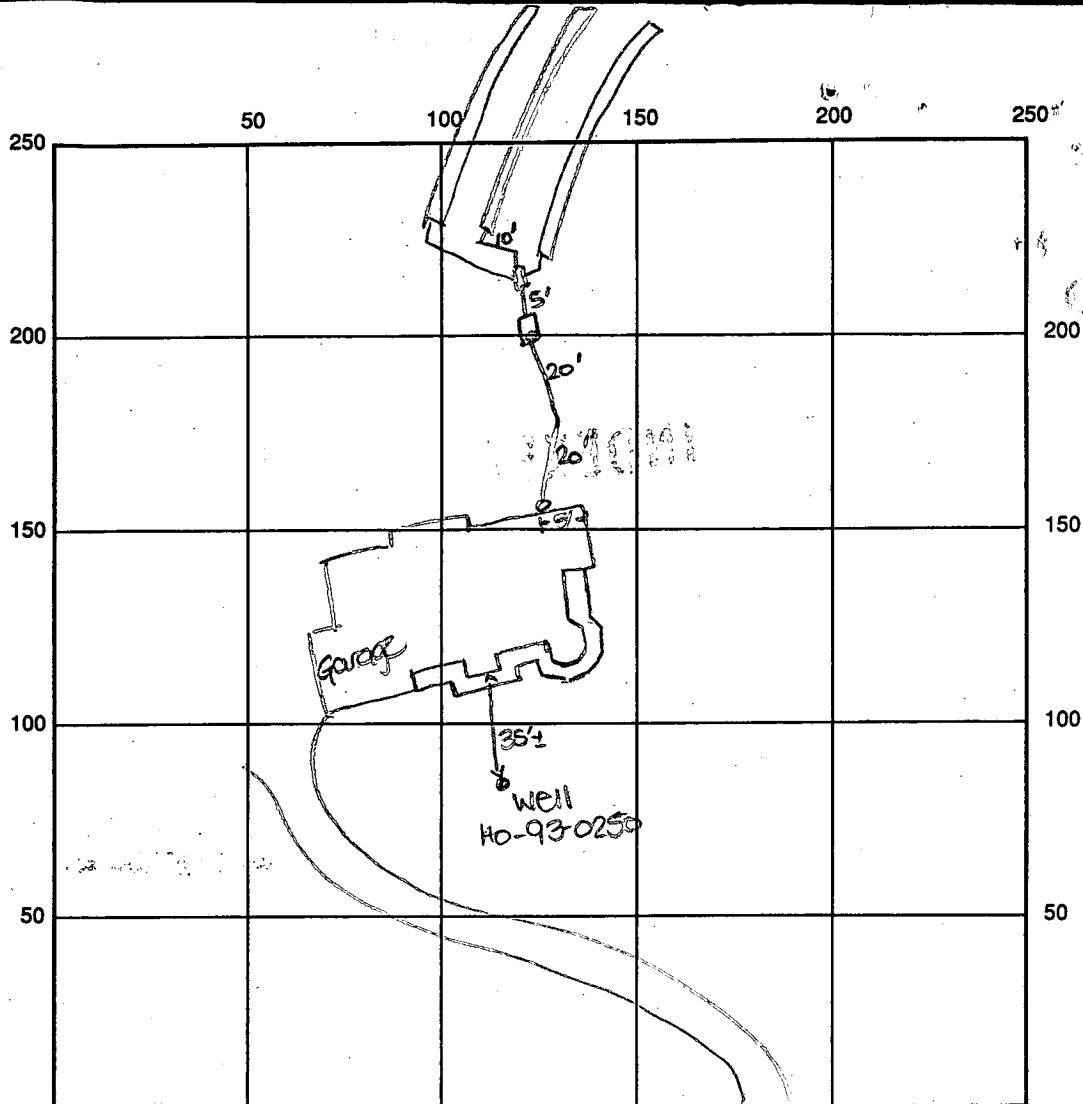
*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

BUILDING PERMIT SIGNED

AND RETURNED 4/18/02

SCREENED ROOM

A
26163



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Morning Star Drive

SEPTIC TANK LEVEL OK-1500 gal CLEANOUTS one at house, one on sit.

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 7.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH ① 75 ③ 75 FT. = 225

NUMBER OF TRENCHES 3 ONE SIDEWALL/~~BOTTOM~~ AREA 900 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 9/9/96 OK to cover from house to d.b. and first
two trenches. OKS 9/10/96 OK to cover all work. House
connection not made - call for insp ALM

DATE SYSTEM APPROVED 12/3/96 INSPECTOR Donna K. Spoe

(per owner)

APPLICATION

A 26163

SEWAGE DISPOSAL TESTING

P. _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

3B.R.

4B.R.

DISTRICT

5th

DATE

6/21/77

166 SQ. FT. effective sidewall absorption area per bedroom to begin below the first 3 1/2 ft. of non porous soil. Maximum depth permitted for drywell and trench is 6 1/2 ft. below original grade. Place the drywell 150 ft. from the front (277.75 ft. long) property line and 75 ft. from the right (252 ft. long) side line, as seen when facing the property from the 100 ft. wide common right of way off Ten Oaks Road. Start the trench after a 5 foot earth buffer with the drywell and proceed to dig it on level ground the necessary distance. NOTE: Call for inspection of trench before gravel is installed.

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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

S.F.D. 4 BRMS
BLDG. PERMIT SIGNED

AND RETURNED 4-26-96

PROPERTY OWNER

Allan Weintraub Steven denick and

@ Richard Hallowell Katherine Bradshaw

Serial # 64116

ADDRESS

Highland, Md. 20777

PHONE

286-2988

PROPERTY LOCATION:

SUBDIVISION

Linden Chapel Hill - Lot 13B

LOT NO.

Parcel 13B

2.911 ac

ROAD AND DESCRIPTION

At end of private road off west side of intersection

5031 morning star drive

of Ten Oaks Rd & Highland Rd - 5th Dist.

SIZE OF LOT

2.911 ac. - rec. 661/235/ on 11/21/73

TYPE BLDG.

4 bedrm single

family res.

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT

Richard Hallowell

APPROVED BY

Frank Skinner

FOR

Drywell & Trench

DATE

2/17/78

(KIND OF SYSTEM)

REJECTED BY

FOR

(KIND OF SYSTEM)

DATE

HOLD PENDING FURTHER TESTS

DATE

REASONS FOR REJECTION OR HOLDING

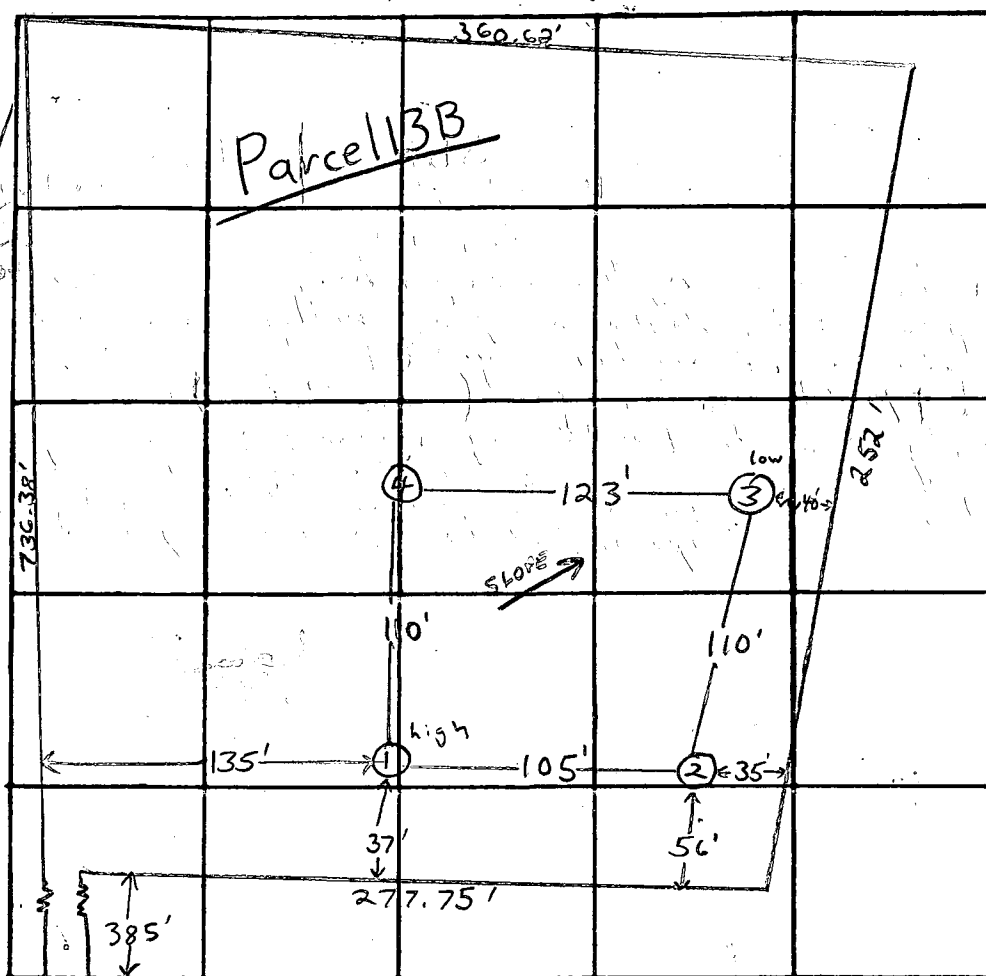
3/24/78 Hold for signed boundary plat, per O.K. F.S.

THIS IS NOT A PERMIT

14'

clayey

silty mica loam



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

100' R/W

↑ 30% system

$\bar{x} = 7$
180 ~~180~~
Inset $3\frac{1}{2}$
Bot $7\frac{1}{2}$

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/27/77	1 high	6'	10:32	pulled Aug 10:40 1/4" Long			230m
	1A	13'	10:32			10:40	8 min
	2	3'	10:33	10:36	10:36	10:43	7 min
	2A	14'	10:33	10:36	10:36	10:43	7 min
	3 low	4'	10:34	10:35	10:35	10:40	5 min
	3A	13 1/2'	10:34			10:45	11 min
	4	13'	Clayey to 4'; silty				min loan
	1B	3 1/2'	10:41	10:45	10:45	10:55	10 min

REMARKS

① Strahlendruck. ② Organisch.

TYPE OF SOIL

silty micaceous below 1/2 to 1/4 in. and

TESTED BY

F.S.

ALSO PRESENT:

Fyock & Co.

Well Permit No. HO - 93-0250
 Location of property (road) Ten Oaks Rd / Harris Farm La
 Subdivision WEINTRAUB PROP. Lot Block Plat Sec.
 Well Driller J Mayne Owner Olenick, A. Steven - Katherine Braden
CHIN-SOUN & CHEN T LI-YOUNG CHEN
 Depth of well 360'
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 48'

Time pump started 6.45 Pumping rate 20 gpm.
Total time 30 min. to reach pumping water level 234 ft. below M.P.

HD-224

1/23/97
± 12:00

1/23/97
Pitless adapter installed
Shovel through foundation
Well line being installed at time
OK to cover when work is complete 1/23/97

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation ☒
Replacement ☐

Receipt #
Date 1/23/97

Name of Installer MARINO P & H, INC.

Telephone 747-5615

License Number M-3095

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner STEVE OLENICK

Telephone (410) 482-6326

Subdivision WEINTRAUB PROP. Lot # 13

Well Tag # HO-93-0260

Site Address 5031 MORNINGSTAR DRIVE

Pump

1. Type

- a. Deep well jet ☐
b. Shallow well jet ☐
c. Submersible ☒

2. Make JACOBI

3. Model # 754318052WB

4. Capacity 5 GPM

5. Pump exceeds well capacity Yes ☐ No ☒

6. If Yes, is low pressure cutoff switch installed? Yes ☒ No ☐

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☒ Cable guards ☒ Other ☐

Motor

1. Horsepower 3/4

2. RPM ☐

3. Voltage ☐

a. 110 ☐

b. 220 ☒

Pitless Adapter

1. Make CAMPBELL

2. Model # LX61

3. Depth 52

Tank

1. Capacity WX250

2. Pressure relief valve? Y

Piping

1. Type POLYETHYLENE

2. Size 1"

3. NSF and/or BOCA Code approved Y

4. Depth of supply line 42"

Well data

1. Depth 234 ft.

2. Yield 5 GPM

3. Static water level 48' ft.

4. Will water supply be disinfected by installer? Y

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Joseph C. Marino

Date: 1/22/97

Note: A sticker indicating approval status of the installation will be placed on the well casing at the time of the inspection.



LINDEN CHAPEL HILLS
SECTION 5
PLAT No. 3692
LOT 3

LINDEN CHAPEL HILLS
SECTION 5
PLAT No. 3692
LOT 19

LINDEN CHAPEL HILLS
SECTION 5
PLAT No. 3692
LOT 20

X-CUT IN
CONCRETE
DRIVEWAY

EX. 60'
R/W

580°01'19"E

296.71'

"FCC *106"
REBAR & CAP
SET

PRIVATE 50' WIDE
RIGHT-OF-WAY FOR
INGRESS AND EGRESS
LIBER 1124, FOLIO 114

379.63'

PROPERTY OF
GEORGE DOEISCH
LIBER 3572, FOLIO 420

AREA =
2.435 ACRES±

APPROXIMATE CENTERLINE
OF A RIGHT-OF-WAY FOR
MARYLAND GAS CORPORATION
HAVING AN UNDEFINED WIDTH
LIBER 140, FOLIO 398

PROPERTY OF
JAMES AND HELEN GRIFFIN
LIBER 2742, FOLIO 252

"FCC *106"
REBAR & CAP
SET

1/2" Ø REBAR
FOUND
(NOT HELD)

N18°32'07"E

N82°17'46"W
1" OPEN END
PIPE FOUND

277.75'

"FCC *106"
REBAR & CAP
SET
1" OPEN END
PIPE FOUND
(NOT HELD)

S16°28'42"W

303.48'

PROPERTY OF
HARVEY AND PATRICIA CASPER
LIBER 939, FOLIO 125

380.54'

N01°19'05"W

S03°55'22"W

334.80'

"FCC *106"
REBAR & CAP
SET

"FCC *106"
REBAR & CAP
SET

R=50.00'
L=20.54'

EX. 50' R/W



Terrell A. Fisher

PLAT OF SURVEY
FOR
PROPERTY OF
CHIN-SIN CHEN
AND
LI-YOUNG CHEN
PART OF LIBER 1124, FOLIO 104
AND
LIBER 1124, FOLIO 108
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 100 DATE: NOVEMBER 22, 1995

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS

CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461 - 2855

HARRIS FARM LANE
(PLAT No. 7369)

ENGINEER'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITION AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF ENGINEER

DATE

DEVELOPER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR ITS AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

SIGNATURE OF DEVELOPER

DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

U.S. SOIL CONSERVATION DISTRICT

DATE

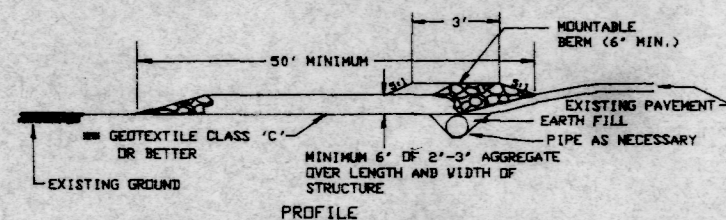
THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED:

DISTRICT HOWARD SOIL CONSERVATION DIST.

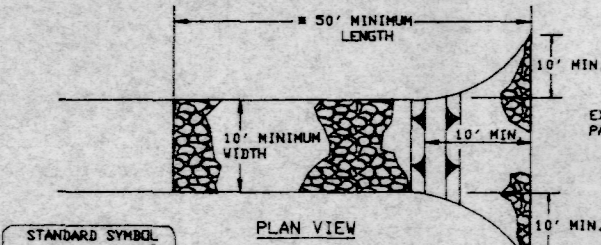
DATE

SEDIMENT CONTROL NOTES

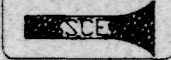
- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSING AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (313-1025).
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE MOST CURRENT MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS THEREOF.
- FOLLOWING INITIAL SOIL DISTURBANCE OR RE-DISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1, b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 50), 500 (SEC. 54), TEMPORARY SEEDING (SEC. 50), AND MULCHING (SEC. 52). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- SITE ANALYSIS:
 - TOTAL AREA OF SITE 2.435 ACRES
 - AREA DISTURBED ACRES
 - AREA TO BE ROOFED OR PAVED ACRES
 - AREA TO BE VEGETATIVELY STABILIZED ACRES
 - TOTAL CUT CU.YDS.
 - TOTAL FILL CU.YDS.
 - OFFSITE WASTE/BORROW AREA LOCATION N/A CU.YDS.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING, OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.
- TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE PIPE LENGTHS OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.



PROFILE



PLAN VIEW



Construction Specification

- Length - minimum of 50' (30' for single residence lot).
- Width - 10' minimum, should be flared at the existing road to provide a turning radius.
- Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. The plan approval authority may not require single family residences to use geotextile.
- Stone - crushed aggregate (3" to 3 1/2") or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance.
- Surface Water - all surface water flowing to or diverted toward construction entrances shall be piped through the entrance, maintaining positive drainage. Pipe installed through the stabilized construction entrance shall be protected with a mountable berm with 5:1 slopes and a minimum of 6" of stone over the pipe. Pipe has to be sized according to the drainage. When the SCE is located at a high spot and has no drainage to convey a pipe will not be necessary. Pipe should be sized according to the amount of runoff to be conveyed. A 6" minimum will be required.
- Location - A stabilized construction entrance shall be located at every point where construction traffic enters or leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
(410) 461-2855

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
- PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
- AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROLS AND STABILIZE ANY REMAINING DISTURBED AREAS.

TEMPORARY SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE REDISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.

SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS

APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (4 LBS./1000 SQ. FT.)

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 15 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BUSHEL PER ANNUAL RYE (32 LBS./1000 SQ. FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (407 LBS./1000 SQ. FT.). FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING OR USE SOD.

MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 200 GALLONS PER ACRE (5 GAL./1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

REFER TO THE 1990 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:

SEEDING PREPARATION

LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS

APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1000 SQ. FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (4 LBS./1000 SQ. FT.) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ. FT.) AND 500 LBS. PER ACRE (4.5 LBS./1000 SQ. FT.) OF 10-20-20 FERTILIZER.

SEEDING

FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 100 LBS. PER ACRE (2.3 LBS./1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (1.4 LBS./1000 SQ. FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1000 SQ. FT.) OF WEEPING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROJECT SITE BY: OPTION (1) - TWO TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING; OPTION (2) - USE SOD; OPTION (3) - SEED WITH 100 LBS./ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH TWO TONS/ACRE WELL ANCHORED STRAW. ALL SLOPES SHOULD BE HYDROSEED.

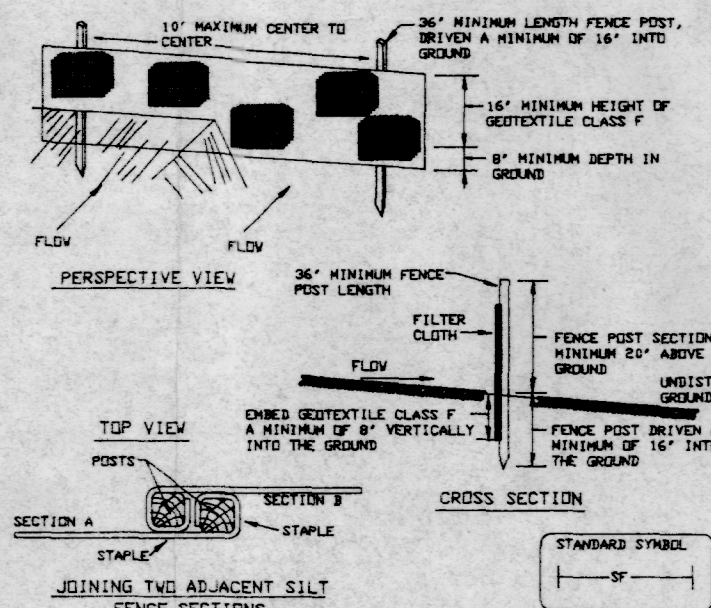
MULCHING

APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 200 GALLONS PER ACRE (5 GAL./1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 348 GALLONS PER ACRE (8 GAL./1000 SQ. FT.) FOR ANCHORING.

MAINTENANCE

INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

- FOR PUBLIC PONDS SUBSTITUTE CHEMUNG CROWN VETCH AT 15 LBS./ACRE AND KENTUCKY 31 TALL FESCUE AT 40 LBS./ACRE AS THE SEEDING REQUIREMENT. OPTIMUM SEEDING DATE FOR THIS MIXTURE IS MARCH 1 TO APRIL 30.



Construction Specifications

- Fence posts shall be a minimum of 36" long driven 16" minimum into the ground. Wood posts shall be 1 1/2" x 1 1/2" square (minimum) cut, or 1 3/4" diameter (minimum) round and shall be of sound quality hardwood. Steel posts will be standard T or U section weighing not less than 1.00 pound per linear foot.
- Geotextile shall be fastened securely to each fence post with wire ties or staples at top and mid-section and shall meet the following requirements for Geotextile Class F:

Tensile Strength	50 lbs/in (min.)	Test: MSMT 509
Tensile Modulus	20 lbs/in (min.)	Test: MSMT 509
Flow Rate	0.3 gal Ft ² /minute (max.)	Test: MSMT 322
Filtering Efficiency	75% (min.)	Test: MSMT 322

- Where ends of geotextile fabric come together, they shall be overlapped, folded and stapled to prevent sediment bypass.
- Silt Fence shall be inspected after each rainfall event and maintained when bulges occur or when sediment accumulation reached 50% of the fabric height.

SILT FENCE

NOT TO SCALE

MORNING STAR DRIVE

4-26-96
FINAL
WELL LOCATION

EX. 5'x3' CONC. TRANS. PAD

EX. WOOD FENCE

PORTION OF SEAM EASEMENT TO BE ABANDONED

LOT 2435

GR 64116

5-10-96

Signature

277.75

277.75

277.75

277.75

277.75

277.75

277.75

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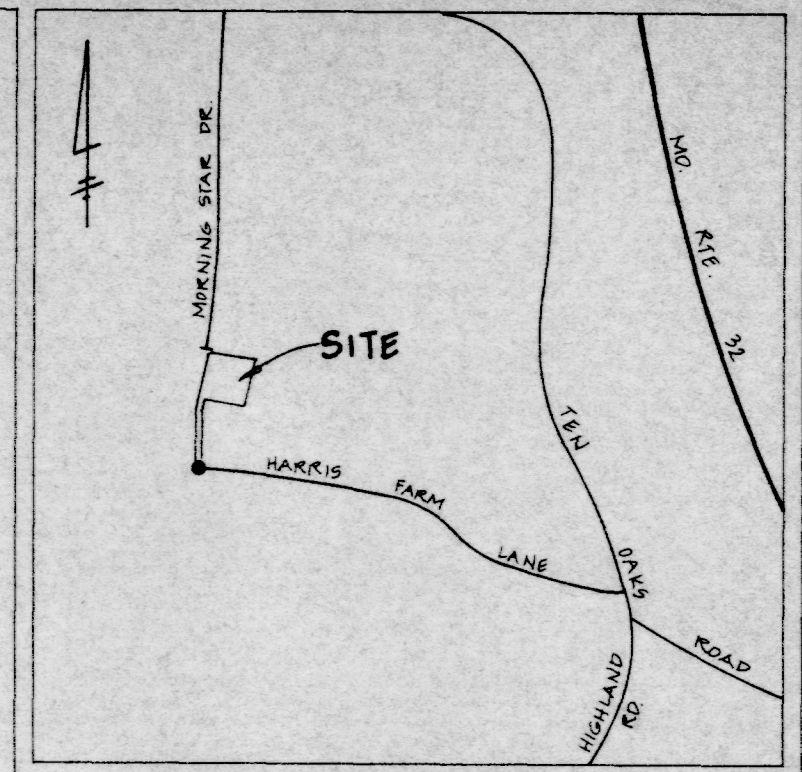
277.75

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277.75



VICINITY MAP

SCALE: 1"=2000'

GENERAL NOTES

- SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT.
- PROPOSED 1250 GALLON SEPTIC TANK.
- FIRST FLOOR ELEVATION: 94.45
- BASMENT ELEVATION: 94.45
- INVERT OF SEPTIC SYSTEM AT HOUSE: 94.60
- INVERT IN AT SEPTIC TANK: 94.45
- INVERT OUT AT SEPTIC TANK: 94.10
- PROPOSED GRADE OVER SEPTIC TANK: 97.60
- INVERT AT DISTRIBUTION BOX: 94.00
- EXISTING GROUND OVER DISTRIBUTION BOX: 97.50
- LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
- CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
- THERE IS NO BASEMENT SERVICE TO SEPTIC SYSTEM.

PERC LOCATIONS

DENOTES 10,000 SQ. FT. SEWAGE DISPOSAL EASEMENT

4-26-96 REVISED SITE PLAN
INDICATING SEWAGE EASEMENT MODIFICATION
TO BE SUBMITTED PRIOR TO SEPTIC
PERMIT ISSUANCE BY CHUCK CROUD

5/31 DISCUSSED W/ CHUCK CROUD, HE WILL
CALL BACK.

6/7 DISCUSSED AGAIN W/ CHUCK CROUD. IF
ABANDONMENT OF CORNER OF EASEMENT
ACCEPTABLE WITHOUT REVISED PLAN,
SUFFICIENT AREA FOR 3 SEPTIC SYSTEMS IS
AVAILABLE, 10,000 SQ. FT. STILL AVAILABLE.

6/10 ABANDONMENT OF CORNER OF EASEMENT
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SUFFICIENT AREA FOR 3 SEPTIC SYSTEMS IS
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PLAN TO ACCOMPANY
APPLICATION FOR BUILDING PERMIT

5031 MORNING STAR DRIVE

LOT 13-B

TAX MAP 28 PARCEL 210
5TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=50' APRIL 22, 1996

PLUS OR MINUS (±).

LOT 3

MORNING
STAR
DRIVE

LINDEN CHAPEL HILLS
SECTION 5
PLAT No. 3692

LOT 19

PRIVATE 50' WIDE
RIGHT-OF-WAY FOR
INGRESS AND EGRESS
LIBER 1124, FOLIO 114

PROPERTY OF
GEORGE DOEISCH
LIBER 3572, FOLIO 420

B00135601
5031 Morningstar Ct
Linden Chapel Hills
Screened Room
No Conflict with well or
Septic. Recommended Approval
RP 4/18/02

SEE
DETAIL

296.71'

379.63'

303.48'

580°01'19"E

NB2°17'46"W

N18°32'07"E

N18°50'10"E

PROPERTY OF
HARVEY AND PATRICIA CASPER
LIBER 939, FOLIO 125

APPROXIMATE CENTERLINE
OF A RIGHT-OF-WAY FOR
MARYLAND GAS CORPORATION
HAVING AN UNDEFINED WIDTH
LIBER 140, FOLIO 398

DETAIL
1"=30'

BLOCK
FOUNDATION

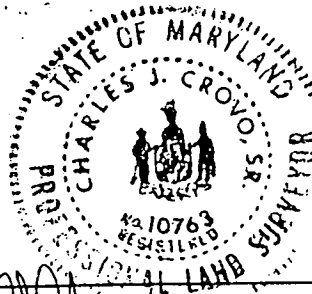
DEED REFERENCE
PART OF LIBER 1124, FOLIO 104
AND
LIBER 1124, FOLIO 108
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TOP FOUNDATION ELEV. = 100.3' ±

HARRIS FARM LANE
EX. 50' R/W

R=50.00'
L=20.54'

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 1877E BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
4432 141 - 2055



**HOUSE LOCATION
DRAWING**

FOUNDATION LOCATION: 6-6-96
FINAL LOCATION:
BOUNDARY SURVEY:

SCALE: 1"=100'
DATE: 6-7-96
DRAWN BY: JEL
CHECKED BY: MLC

PROFESSIONAL LAND SURVEYOR

DATE