

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

TAXED # 03-309940

P 56403

A 50252

DISTRICT

DATE 1/19/96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933 313-2640

DATE SYSTEM APPROVED 2/9/86

INSPECTOR

INDEXED

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Wynfield LOT 24 ROAD 2741 Wynfield Road

PROPERTY OWNER John & Kathryn McDowell

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES -- Trench to be 3 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 4.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION -- Place the distribution box 200 feet down the right property line and 60 feet off this same property line. Run trenches on contour to right rear portion of lot.

NOTES -- No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK 10/31/95 DKS

PLANS APPROVED BY Mark Rifkin DATE 10/4/95

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 PROPERTY LINE (UNLESS OTHERWISE AUTHORIZED)

BUILDING PERMIT SIGNED AND RETURNED

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES) 10/21/04 BOB BOB61-DECK

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

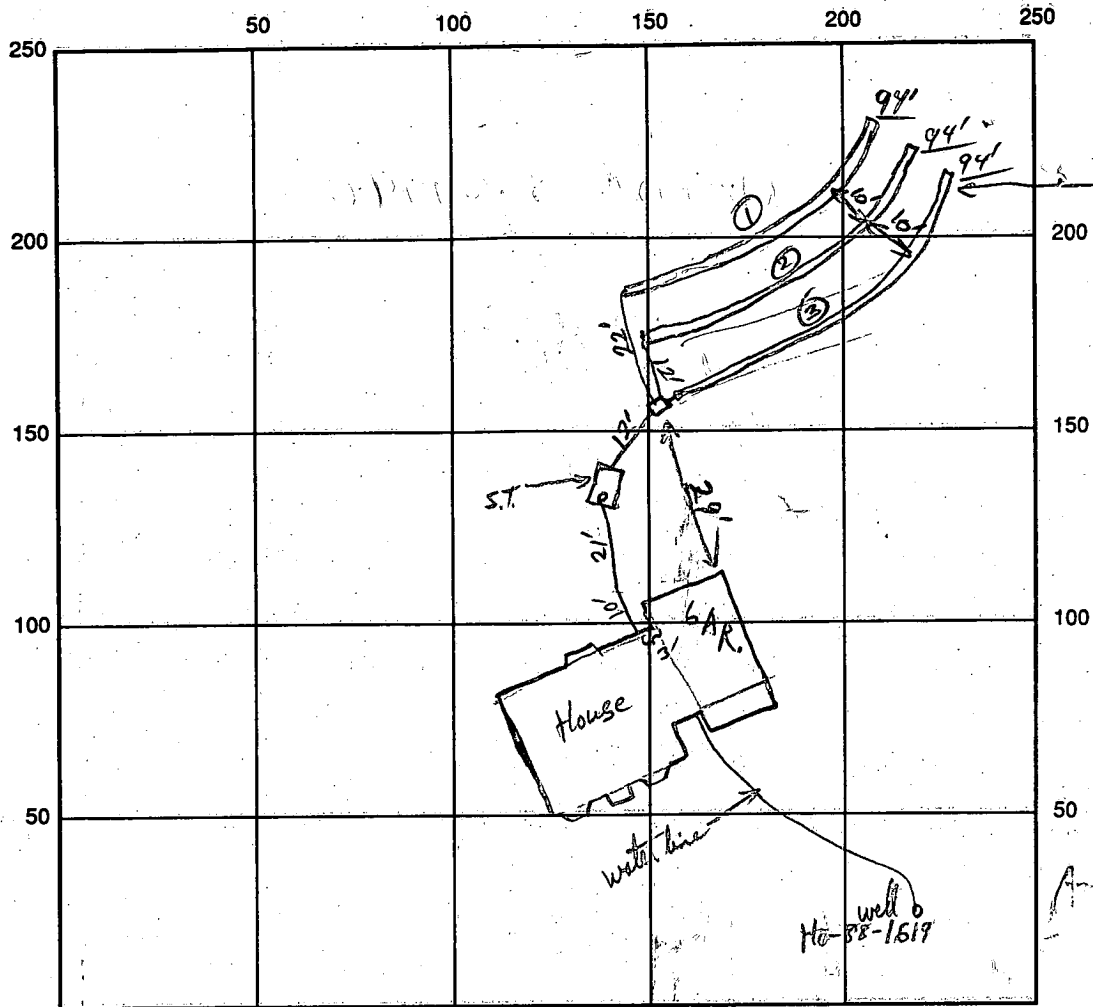
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

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**



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL 1500 gal CLEANOUTS S.T. ✓

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 6 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 1/2 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 94/94/94 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 8.96 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

RECEIVED
BUILDING PERMIT
SIGNED

REMARKS: House located OK, OK to cover from House to Distrib. R/P 2/7/96
OK to cover 1st Trench, call for inspection on others Tomorrow R/P 2/7/96
OK to cover 2nd Trench, OK to fill 3rd Trench with stone & cover when finished. R/P 2/8/96

WPI - Pitless adapter & water line OK to cover @ 4 1/2' R/P 2/7/96

DATE SYSTEM APPROVED 2/9/96 INSPECTOR R/P

C1 0857		SEQUENCE NO. (DENY USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.	
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				COUNTY NUMBER A-0154			
ST/CO USE ONLY DATE RECEIVED		DATE WELL COMPLETED 10/16/90		Depth of Well 22 200 26 (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" AD-98-1619	
OWNER McDaniel		last name		first name		TOWN L. Friendship	
STREET OR RFD		SUBDIVISION WINDFIELD		SECTION		LOT 241	
WELL LOG Not required for driven wells		GROUTING RECORD		C3		PUMPING TEST	
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N		TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC		HOURS PUMPED (nearest hour) 5	
DESCRIPTION (Use additional sheets if needed)		NO. OF BAGS 5 NO. OF ROUNDS 30		GALLONS OF WATER 30		PUMPING RATE (gal. per min. to nearest gal.) 7	
FEET FROM TO		DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 13 ft.		METHOD USED TO MEASURE PUMPING RATE Bucket		WATER LEVEL (distance from land surface)	
Tap Soil 0 2		Casing types insert appropriate code below		STEEL ST CONCRETE CO		BEFORE PUMPING 17 20	
Shale 2 15		MAIN CASING TYPE		PLASTIC PL OTHER OT		WHEN PUMPING 22 25	
Mika 15 30		Nominal diameter top (main) casing (nearest inch)		Total depth of main casing (nearest foot)		TYPE OF PUMP USED (for test)	
Sandstone 30 35 L		12 6 66 70		1 1 1 1		A air P piston T turbine	
Mika 35 70		OTHER CASING (if used)		diameter depth (feet)		C centrifugal R rotary O other (describe below)	
Sandstone 70 75 L		EACH CASING		inch from to		J jet S submersible	
Mika 75 130		SCREEN RECORD		screen type or open hole		PUMP INSTALLED	
Sandstone 130 155 L		ST BR HO		STEEL BRASS OPEN HOLE		DRILLER WILL INSTALL PUMP YES NO	
Mika 135 200		PL OT		PLASTIC OTHER		IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
		C2		DEPTH (nearest ft.)		TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:	
		1 HD 21 17 21		8 9 11 15 17 21		CAPACITY: GALLONS PER MINUTE (to nearest gallon)	
		2		23 24 26 30 32 36		PUMP HORSE POWER	
		3		38 39 41 45 47 51		PUMP COLUMN LENGTH (nearest ft.)	
		SLOT SIZE 1 2 3		DIAMETER OF SCREEN (NEAREST INCH)		CASING HEIGHT (circle appropriate box and enter casing height)	
		from to		56 60		+ above - below	
		GRAVEL PACK		IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68		LAND SURFACE (nearest foot)	
		OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)		T (E.R.O.S.) WQ		LOCATION OF WELL ON LOT	
		70 72 74 75 76		TELESCOPE CASING LOG INDICATOR OTHER DATA		SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).	
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.		DRILLERS IDENT. NO. 453		DRILLERS SIGNATURE Frank R. [Signature]		SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)	

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 X
Replacement _____

Receipt # _____
Date _____

Name of Installer Carroll Water Systems, Inc.

Telephone (410) 876-5100

License Number PI-074

Certified Well Pump Installer ✓ Well Driller _____ Registered Plumber _____

Name of Property Owner Howard Homes Telephone (410) 796-5206

Subdivision Oldfield Lot # 24 Well Tag # 410-88-1619

Site Address 2741 Oldfield Road, West Friendship, MD 21794

Pump

1. Type

- a. Deep well jet _____
b. Shallow well jet _____
c. Submersible X

2. Make Corbett

3. Model # 5650542

4. Capacity 5 GPM

5. Pump exceeds well capacity Yes _____ No X

6. If Yes, is low pressure cutoff switch installed? Yes X No _____

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

Motor

1. Horsepower 1/2

2. RPM 3450

3. Voltage _____

a. 110 _____

b. 220 X

Pitless Adapter

1. Make Martinson

2. Model # B-10x

3. Depth 4'

Tank

1. Capacity 82

2. Pressure relief

valve? yes

pitless adapter water line
OK @ 4 1/2 ft. R/R 2/7/96

Piping

1. Type Plastic

2. Size 1"

3. NSF and/or BOCA

Code approved yes

4. Depth of supply

line 4'

Well data

1. Depth 245 ft.

2. Yield _____ GPM

3. Static water

level _____ ft.

4. Will water supply

be disinfected by

installer? yes

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: [Signature]

Date: 2/7/96

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

APPLICATION

PERCOLATION TESTING

A 50252

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

PROPOSAL IS TO
ADJUST SEWER AREA
TO ACCOMMODATE
PROPOSED HOUSE SITE.

DISTRICT _____

DATE 9/2/94

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER John THOMAS & KATHY McDOWELL

ADDRESS 33 WINSLOW PARK DR., Balt. PHONE 247-2281

AGENT MICHAEL LAURENO - OWNER'S AGENT

ADDRESS 10102 HOBSON CHOICE, LA. 21042 PHONE 461-1342

PROPERTY LOCATION:

SUBDIVISION WYNFIELD LOT NO. 24 PLAT 6047

ROAD AND DESCRIPTION "WYNFIELD ROAD" OFF RT 144 ~ WEST FRIENDSHIP
LOT IS LEFT SIDE OF ROAD PARTIALLY WOODED.

TAX MAP _____ PARCEL # _____

SIZE OF LOT 3.0090 ACRES. TYPE BLDG. SINGLE FAMILY- 4 BDRM
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 10-11-95
Serial # 61084

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE
FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO
COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING for perc. test showing holes & water

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

PRELIMINARY

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 30454

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 3rd

DATE 1/9/80

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.

PROPERTY OWNER Land Associates

ADDRESS 3450 Fort Meade Road, Laurel, Md. 20810

Tom Munz - 792-2242

PHONE Ted Snovell - 265-6543

PROPERTY LOCATION:

SUBDIVISION ~~Hoffman property~~ WYNFIELD

LOT NO. 11

SECT 3
LOT 24

ROAD AND DESCRIPTION Route 144

SIZE OF LOT 3 acres

TYPE BLDG. 3 or 4 bedrooms

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

I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES.

SIGNATURE OF APPLICANT /s/ Ted Snovell for Land Associates

APPROVED BY [Signature] FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2/1/85 Special Writter

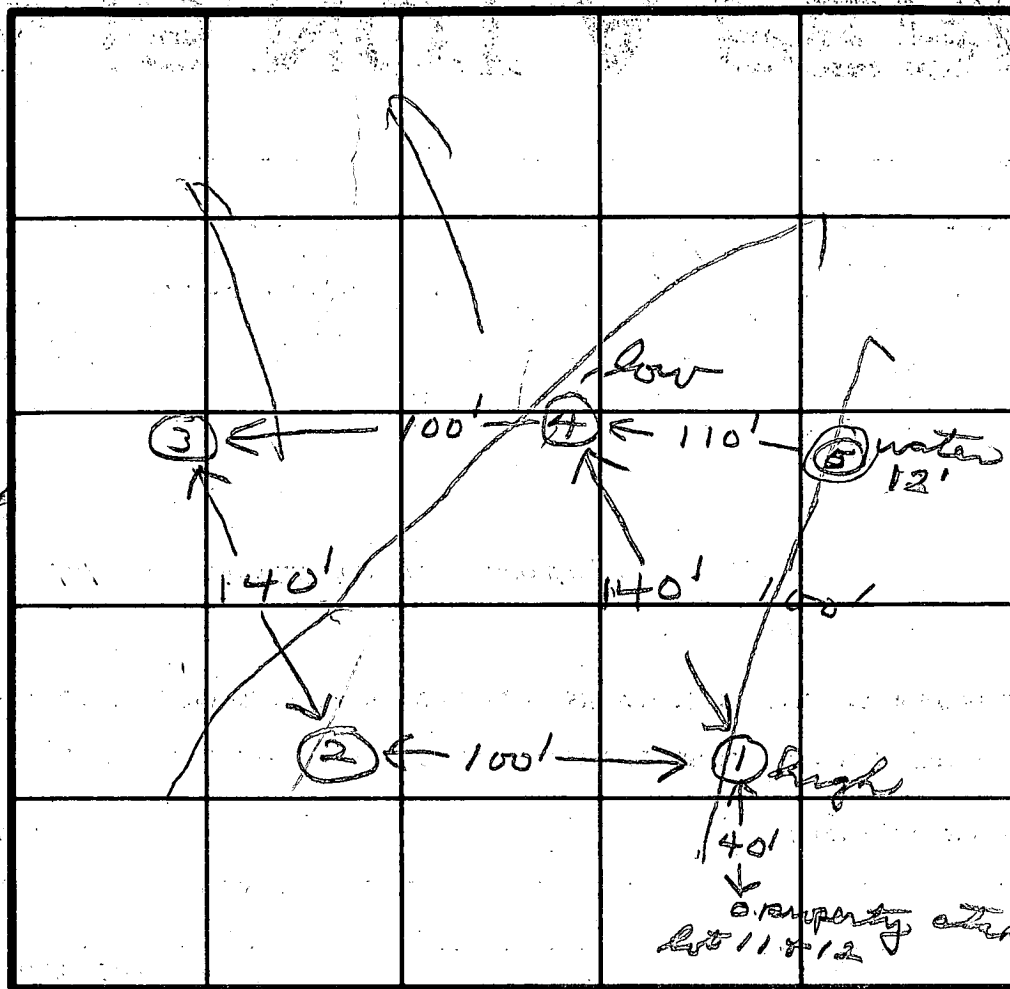
THIS IS NOT A PERMIT

LOT 11

11

SOIL PROFILE

0'-3'
clay, sand
4'-13'
sand, clay
shale
at 5' to 8' depth



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/30/80	1S	4	10:54	10:55	10:55	10:58	3
	1D	13	10:55	11:03	11:03	11:10	7
	2S	4	11:04	11:06	11:06	11:11	5
	2D	13	11:05	11:18	11:18	11:43	25
	3S	4	11:21	11:24	11:24	11:27	30
	3D	12	11:21	11:26	11:26	11:34	8
	4S	4	11:40	11:41	11:41	11:44	3
	4D	13	11:41	11:50	11:50	12:02	12
	5	13 - water at 12'					
		hole 4 - 3' higher in elevation, over 5' off					

9 MIN. AV
3" INLET

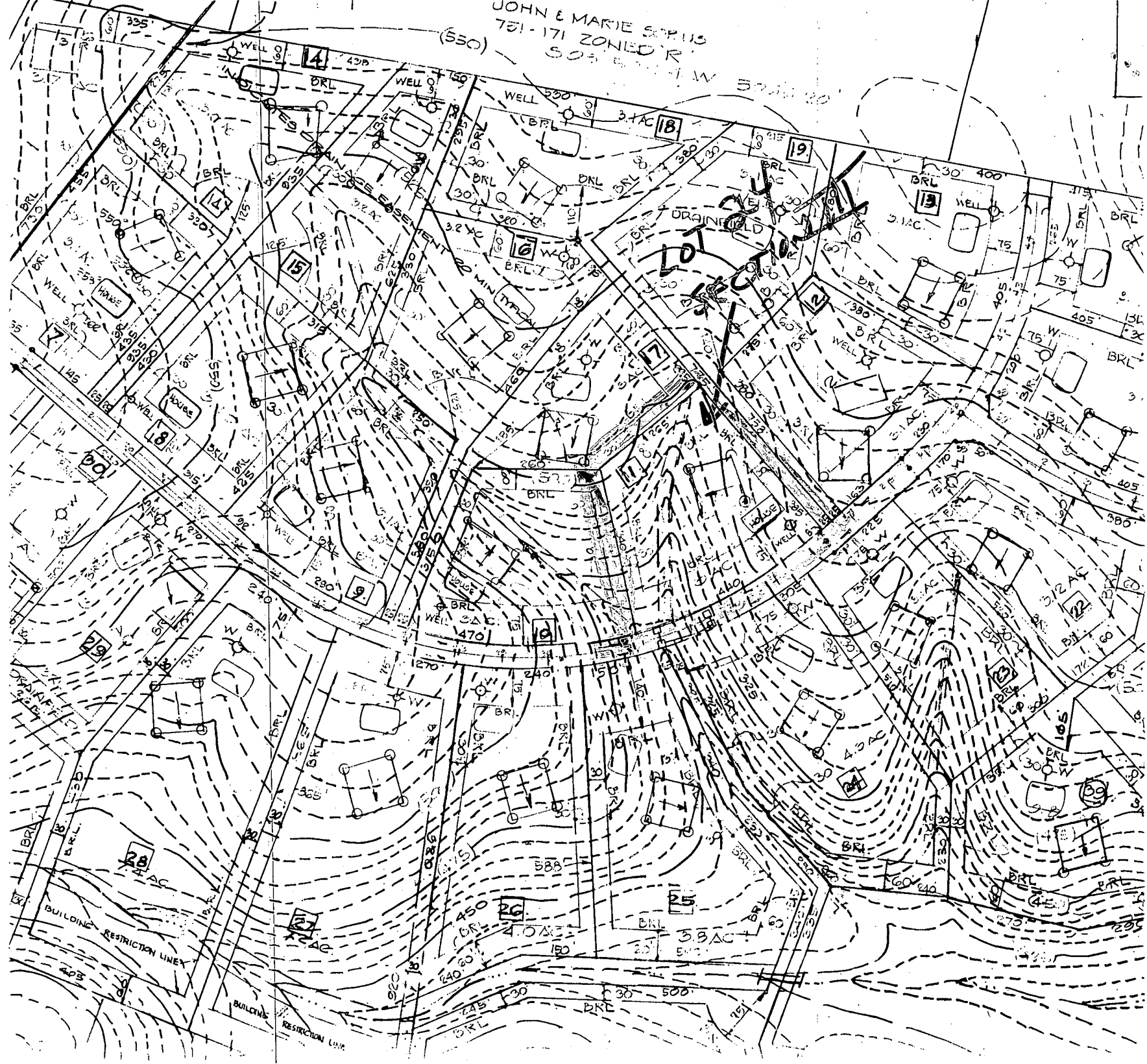
REMARKS Cold!

TYPE OF SOIL

TESTED BY

ALSO PRESENT

J. Duszynski



JOHN & MARIE S. P. 113
721-171 ZONED R
503 1/2 W 57th St

~~LOT 24 SECTION 11~~

BUILDING RESTRICTION LINE

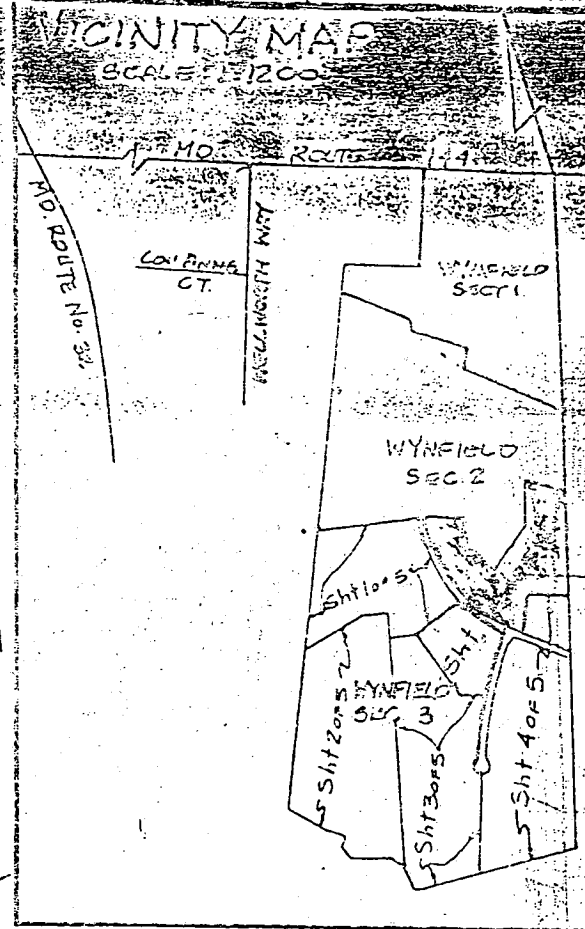
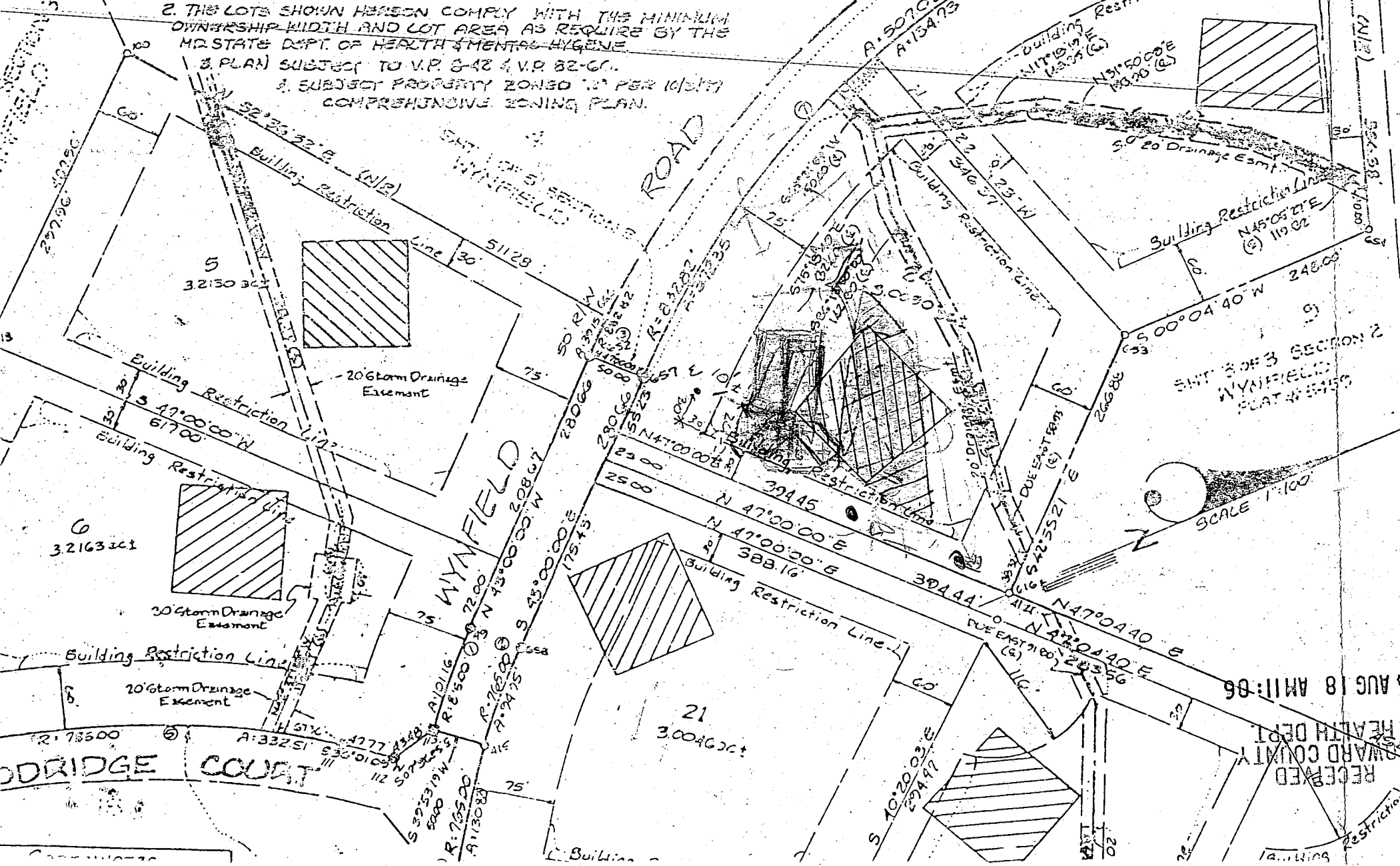
BUILDING RESTRICTION LINE

1. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10000 S.F. AS REQUIRED BY THE MD STATE DEPT. OF HEALTH & MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY KIND. THIS AREA IS RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL BE NECESSARY.

2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRE BY THE MD STATE DEPT. OF HEALTH & MENTAL HYGIENE.

3. PLAN SUBJECT TO V.P. 8-42 & V.P. 82-60.

4. SUBJECT PROPERTY ZONED "R" PER 10/CITY COMPREHENSIVE ZONING PLAN.



McDONALD

94 AUG 18 AM 11:06

RECEIVED
HEALTH DEPT.
HARVARD COUNTY

ODDRIDGE COURT

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

9/26/95
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 THEIR 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

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN.
3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE.
4. 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 ACRE RYE (3.2 LBS./1000 SQ.FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF WEEPING LOVEGRASS (0.7 LBS./1000SQ.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 GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.

REFER TO THE 1988 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 38-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.) AND 500 LBS. PER ACRE (11.5 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 (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 GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1000 SQ.FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER USE 340 GALLONS PER ACRE (8 GAL./1000 SQ.FT.) FOR ANCHORING.

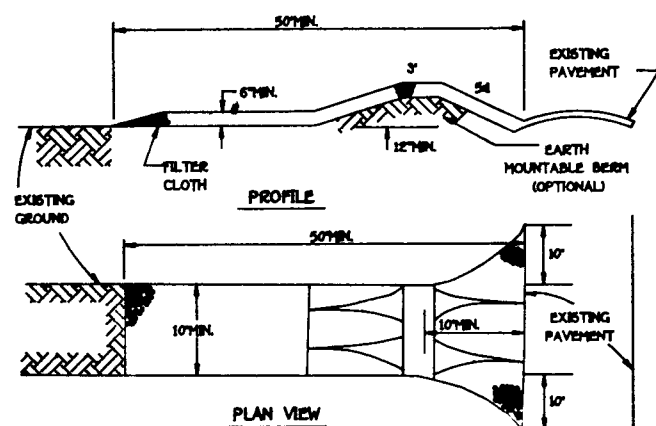
MAINTENANCE

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

* FOR PUBLIC PONDS SUBSTITUTE CHELMING CROWNWEED 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.

SEDIMENT CONTROL NOTES

1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (992-2437).
2. ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: a) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, PERIMETER SLOPES AND ALL GREATER THAN 3:1 b) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
4. 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.
5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 51) SOD (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.
6. 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.
7. SITE ANALYSIS:
TOTAL AREA OF SITE 3.0070 ACRES
AREA DISTURBED 0.54 ACRES
AREA TO BE ROOFED OR PAVED 0.43 ACRES
AREA TO BE VEGETATIVELY STABILIZED 0.43 ACRES
TOTAL CUT 121 CU.YDS.
TOTAL FILL 779 CU.YDS.
OFFSITE WASTE/BORROW AREA LOCATION CU.YDS.
8. ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
9. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY, BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.
10. 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.



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE # 4 STONE, OR EQUIVALENT OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 30 FEET EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.
3. THICKNESS - NOT LESS THAN 6 INCHES.
4. WIDTH - 18 INCH FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INCREASE OR DECREASE OCCURS.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PERMITTED ACROSS THE ENTRANCE. IF PAVING IS PRACTICAL, A MOUNTABLE BERRY WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND JOE CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT GRILLS, DEPOSITED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WARNING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WARNING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

STABILIZED CONSTRUCTION ENTRANCE - 2

NOT TO SCALE

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

201 TERRACE, SUITE 200 OFFICE PARK, BALTIMORE NATIONAL FIRE
ELICOTT CITY, MARYLAND 21042
(410) 461-2855

SILT FENCE

NOT TO SCALE

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OF STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY 60 INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "MULCHES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL, EITHER T OR U TYPE OR 2" HARDWOOD

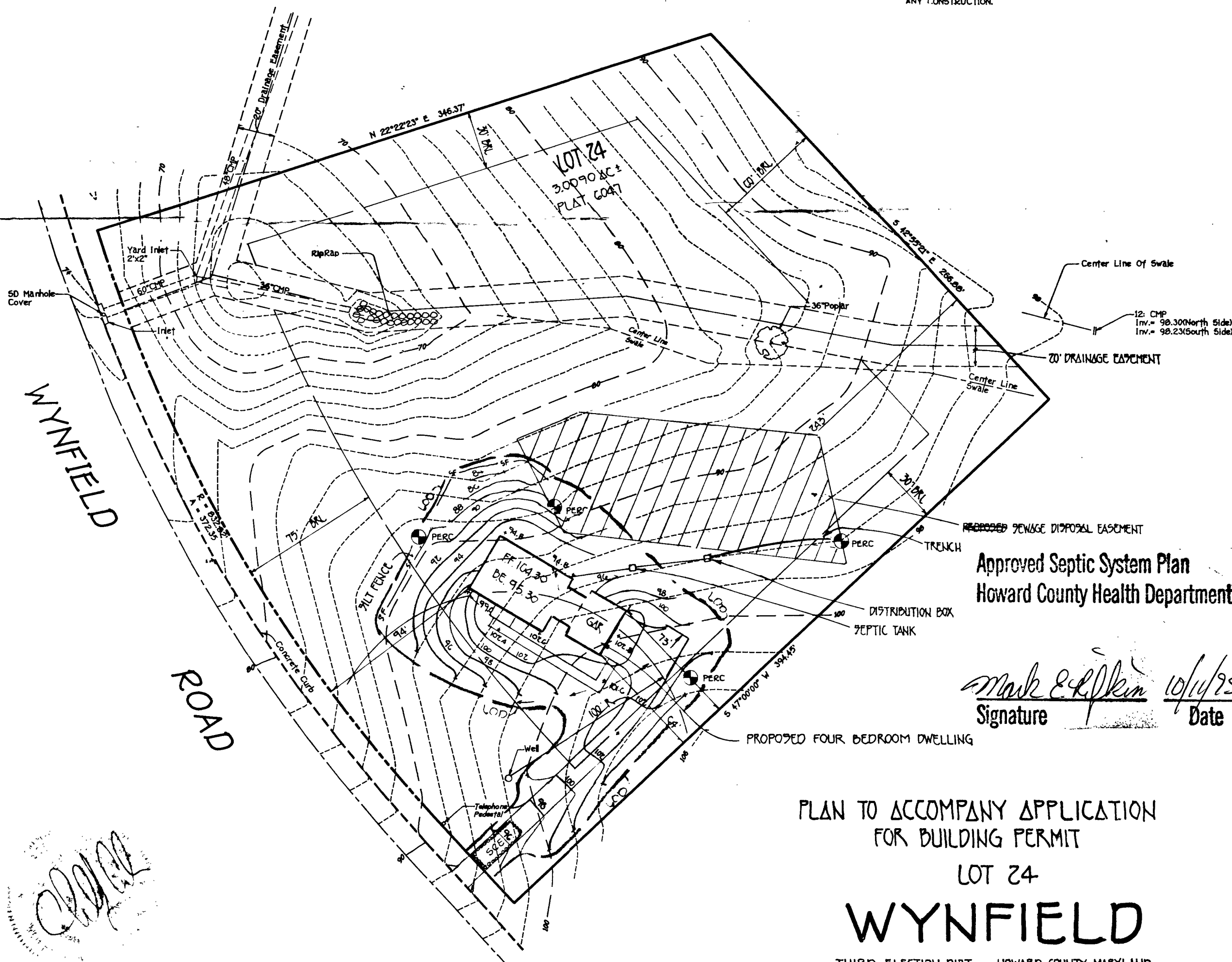
FENCE: WOVEN WIRE, 14 GA. 6" MAX. MESH OPENING

FILTER CLOTH: FILTER #1, HIRAF 100% STABILINKA T4 ON OR APPROVED EQUAL

PREFABRICATED UNIT, GEOTAP, ENVIRONMENTAL OR APPROVED EQUAL

STANDARD SYMBOL

5' 5'



Approved Septic System Plan
Howard County Health Department

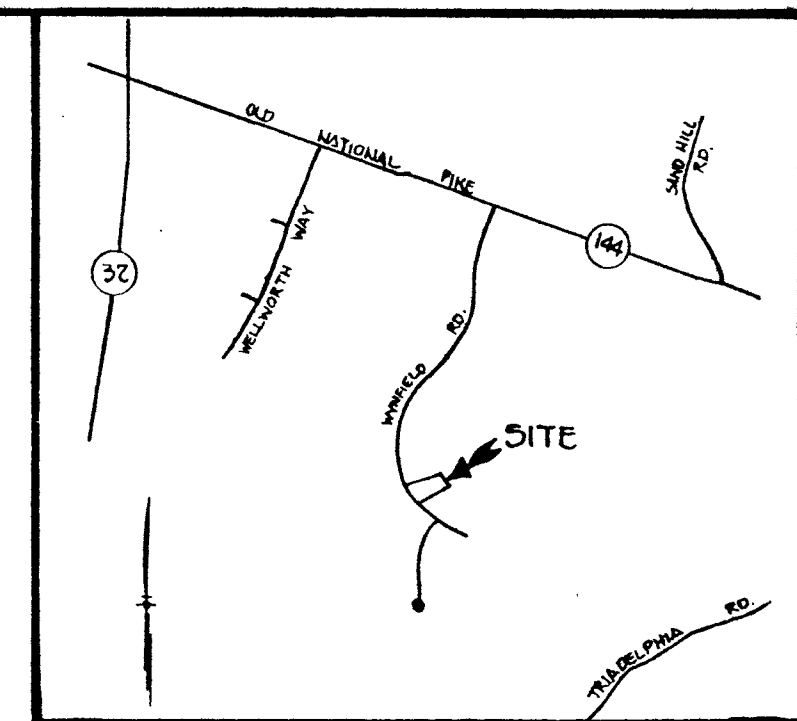
Signature: Mark E. R. Klein
Date: 10/14/95

PLAN TO ACCOMPANY APPLICATION
FOR BUILDING PERMIT

LOT 24

WYNFIELD

THIRD ELECTION DIST. HOWARD COUNTY, MARYLAND
SCALE: 1" = 50' DATE: SEPTEMBER 25, 1995



VICINITY MAP
SCALE: 1"=2000

GENERAL NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
2. THIS AREA DESIGNATES AN EXISTING PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET. THIS EASEMENT IS TO BE ABANDONED.
3. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
4. THE PURPOSE OF THIS PLAT IS TO REVISE THE EXISTING PRIVATE SEWERAGE EASEMENT TO THE LOCATION SHOWN HEREON.
5. ALL WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN.
6. (W) DENOTES WELL LOCATION.
7. (P) DENOTES PERC HOLE LOCATION.
8. OWNER & DEVELOPER:

JOHN W. McDOWELL AND KATHRYN McDOWELL
33 WINSLOW PARK DRIVE
CATONSVILLE, MARYLAND 21228

Signed
PERC RELOCATION PLAN

LOT 24

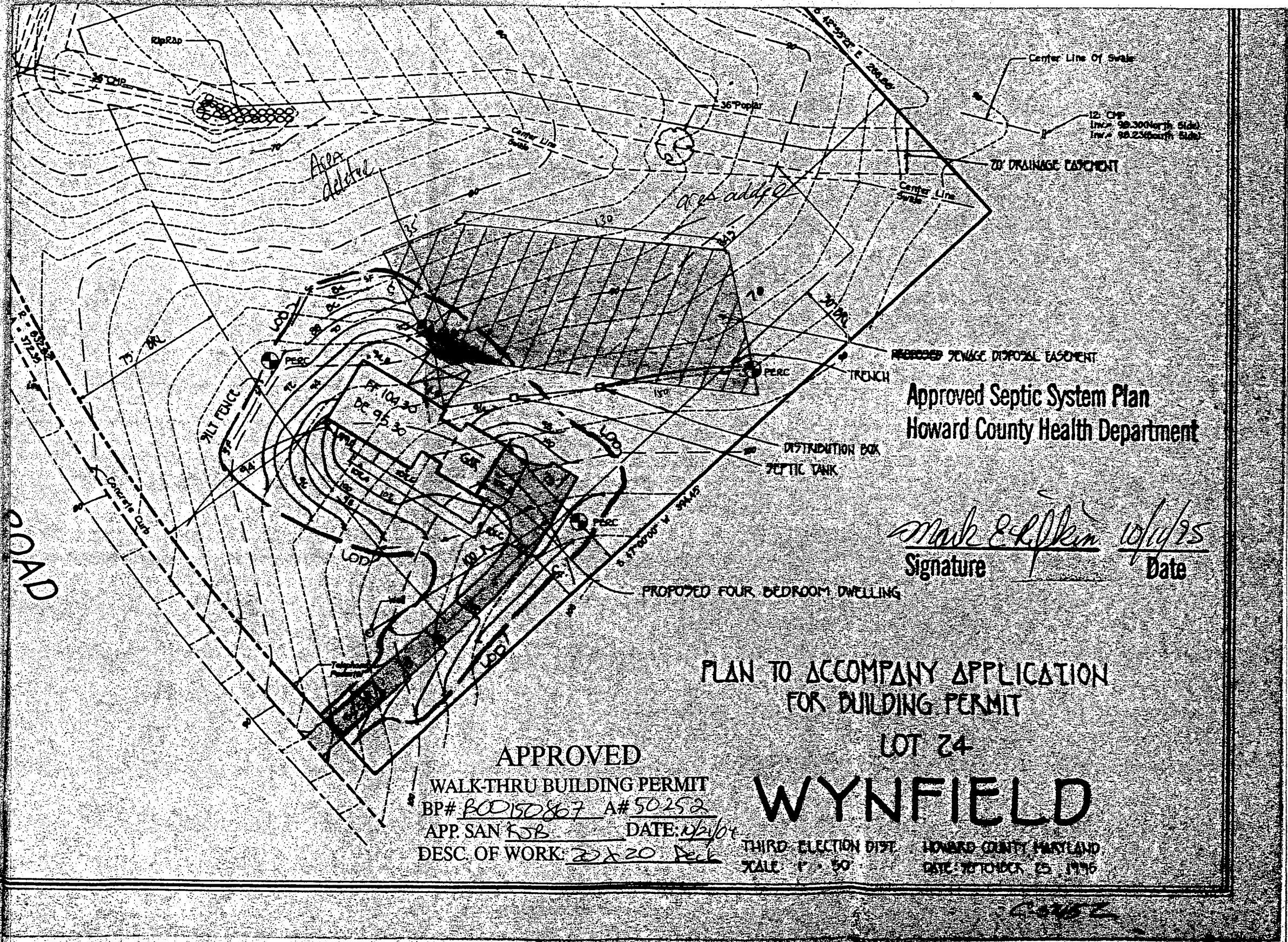
WYNFIELD

TAX MAP 15 PARCEL 88
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=50 DATE: AUG. 16, 1995

B.R.L. = BUILDING RESTRICTION LINE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK
13272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
PHONE (410) 461-2855 FAX (410) 750-3784

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
John B. [Signature]
COUNTY HEALTH OFFICER
9-25-95
DATE



Approved Septic System Plan
Howard County Health Department

Mark E. L. Klein 10/14/95
Signature Date

PLAN TO ACCOMPANY APPLICATION
FOR BUILDING PERMIT

LOT 24

WYNFIELD

APPROVED
WALK-THRU BUILDING PERMIT
BP# B00150867 A# 50252
APP. SAN KJB DATE 11/2/95
DESC. OF WORK: 20x20 Deck

THIRD ELECTION DIST. HOWARD COUNTY, MARYLAND
SCALE 1" = 50' DATE: 10/10/95