

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 50866A

A 49060

DISTRICT 4th

DATE 9-11-95

DATE SYSTEM APPROVED 11-1-95

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

461-9933x 313-2640

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION Walnut Springs LOT 15 ROAD 1255 Emmaus Road

PROPERTY OWNER Trinity Builders / Raymond R. Patsy

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

BUILDING PERMIT SIGNED AND RETURNED
Manhole cleanout required*
3-5-03-800140538-FINISH BASEMENT

240 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 2.0 feet wide. Inlet 5.0 feet below original grade. Bottom maximum depth 9.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 4.0 feet of stone below distribution pipe.

LOCATION - Place distribution box 120 feet up the left lot line (140.56') and 105 feet off that same lot line as seen when facing the lot from Emmaus Road. Run trenches on contour toward the left lot line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. ok(cw)

PLANS APPROVED BY Amy McMillen

DATE 8/14/95

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 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

OLD. PERMIT SIGNED

AND RETURNED

4-25-98

Serial # 20110659-dcd

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.

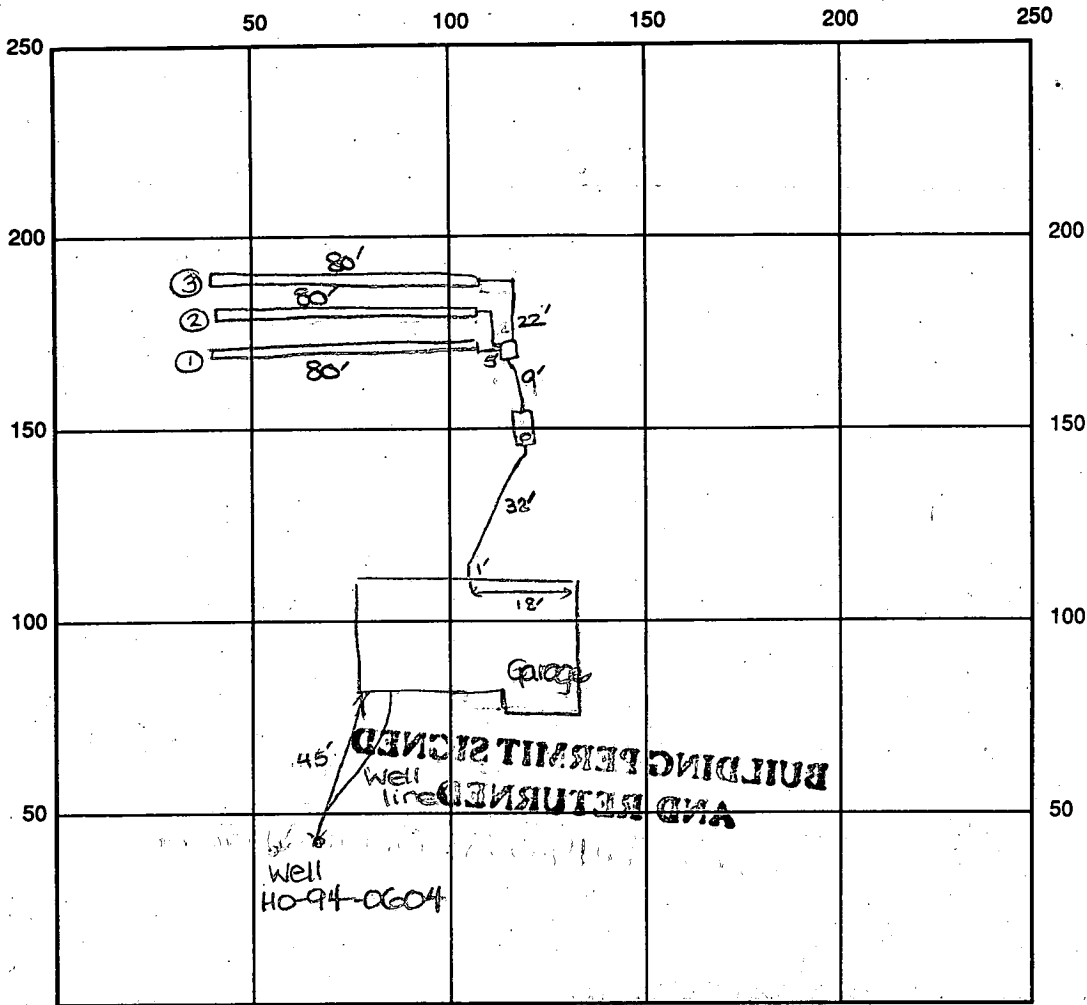
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 49060



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Emmas Road

SEPTIC TANK LEVEL OK-1250 gal CLEANOUTS one on s.t.

DISTRIBUTION BOX LEVEL OK-baffle in

DRAIN FIELD/TITLE DEPTH $\frac{1}{9}$ / $\frac{2}{8}$ / $\frac{3}{8}$ FT. TRENCH WIDTH 2 FT. INLET DEPTH $\frac{1}{5}$ / $\frac{2}{4}$ / $\frac{3}{4}$ FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH $\frac{1}{80}$ / $\frac{2}{80}$ / $\frac{3}{80}$ FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL AREA 960 SQ. FT.

DRYWALL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA 960 SQ. FT.

REMARKS: 10/31/95 OK to cover from house to s.t. and continue. DKS
11/1/95 a.m. OK to start trenches and continue. DKS
11/1/95 pm Final-OK to cover all work as completed-
sufficient materials at site to complete.

(Trenches (2) & (3) specs changed according to soil conditions and contractor request.) DKS

DATE SYSTEM APPROVED 11/1/95 INSPECTOR [Signature]

11/3/95 P.A. 4.5' below grade-OK to cover. DKS

APPLICATION

PERCOLATION TESTING

A 49061

P _____

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

DISTRICT _____

DATE 3/16/93

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 CHARLES SCHROYER

ADDRESS 1245 MORBAN STATION RD PHONE 301 854 6217

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 15 on signed plat ~~18~~ ON PERC PLAT

ROAD AND DESCRIPTION EAST OF MORBAN STATION RD. SOUTH OF R. 70

TAX MAP 8 PARCEL # 313

SIZE OF LOT ± 41,500 sq TYPE BLDG. SINGLE FAMILY
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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] (Bouner Assoc.)
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING HOLD FOR PLAT - PERC OK MR 6/3/93

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

A 49061

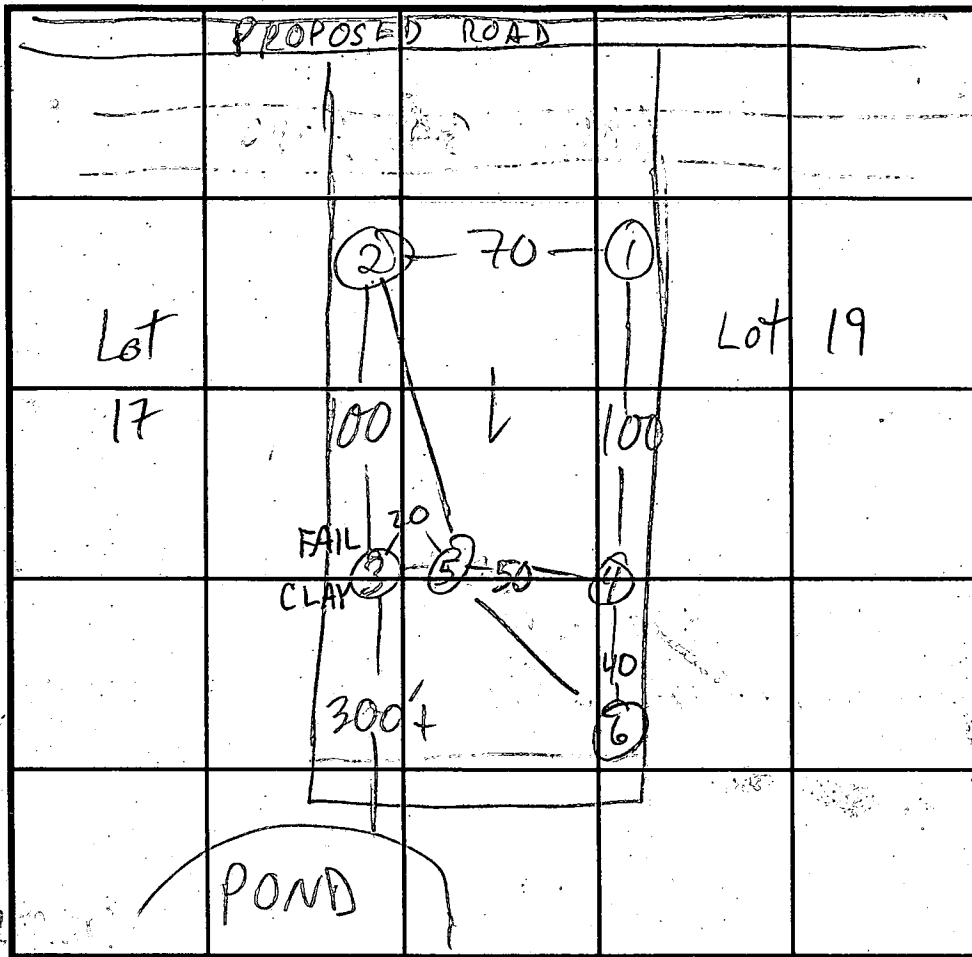
COUNTY #

Lot 18 SOIL PROFILE

②
brn red
sa cl
lm
2 1/2
brn
sa lm
10%
Fraggs

③
red tan
clay +
cl. fm
15% fraggs
6-7
tan pink
sil lm
15%
fraggs

④
org
sa cl lm
2 1/2
red
brn yel
sa lm
10% fraggs
10 1/2
30-35%
black fraggs
1 1/2
Structure



SOIL PROFILE ⑤

0'
red brn
sa cl lm
4
yel
brn
red
sa lm
10%
Fraggs
12
⑥
org sa cl lm
10% fraggs
5
brn red
sa lm
35-40% shale
fraggs
11

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/13/93	1 S	3 1/2	10:36	10:45	10:45	11:15	30 EST
	1 V	13 1/2	sinter ② clay to 4				
	2 S	3 1/2	10:41	10:47	10:47	10:59	12 EST
	2 V	13	see profile				
	3 S	3 1/2	11:15	11:31	NO MOVEMENT REDIG		
		5	11:39	12:10	< 1/4"		REDIG
	3 V	12	see profile				FAIL
	4 S	3'9"	11:17	11:21	11:21	11:25	4
	4 V	12 1/2	see profile				
	5 S	5	12:36	12:39	12:39	12:46	7
	5 V	12	see profile				

REMARKS 6 S 10 11:53 11:55 11:55 11:57 2

TYPE OF SOIL 6 V 11 see profile USE ①-②-④-⑤-⑥

TESTED BY M. Ritkin HOLES ①-④ PER RED LINE PLAN ALSO PRESENT Fyock crew, D. Blevins

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 13 TRENCH WIDTH 2

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 8 SQ. FT./BEDROOM 210

C1 2763 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED. COUNTY NUMBER A 49261

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 080295

Depth of Well 2240 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-94-0604

OWNER Schroyer last name, Chas. first name, STREET OR RFD Emmaus Rd, TOWN Lisbon, SUBDIVISION WALNUT SPRINGS, SECTION, LOT 15

WELL LOG Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows: Brown Shale (0-50), Blue Rock (50-240)

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N), TYPE OF GROUTING MATERIAL (Cement CM, Bentonite Clay BC), NO. OF BAGS 17, NO. OF POUNDS 1598, GALLONS OF WATER 102, DEPTH OF GROUT SEAL 49 ft.

CASING RECORD: casing types insert appropriate code below. Options: ST (STEEL), CO (CONCRETE), PL (PLASTIC), OT (OTHER). Selected: ST, CO.

MAIN CASING TYPE: ST, Nominal diameter top (main) casing 6 inch, Total depth of main casing 53 ft.

OTHER CASING (if used): diameter inch, depth (feet) from to.

SCREEN RECORD: screen type or open hole insert appropriate code below. Options: ST (STEEL), BR (BRASS BRONZE), PL (PLASTIC), HO (OPEN HOLE), OT (OTHER). Selected: ST, BR, HO.

NUMBER OF UNSUCCESSFUL WELLS: 0, WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A (WELL WAS ABANDONED AND SEALED), E (ELECTRIC LOG OBTAINED), P (TEST WELL CONVERTED TO PRODUCTION 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...

TYPE: MWD/MSD/MGD, DRILLERS LIC. NO. 24, DRILLERS SIGNATURE Joseph L. Mayne

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION), LIC. NO. 24, DRILLERS SIGNATURE Larry Mayne

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) table with rows for casing height and slot size. Selected: H0, 52, 240.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.), W Q (74, 75, 76), TELESCOPE CASING, LOG INDICATOR, OTHER DATA

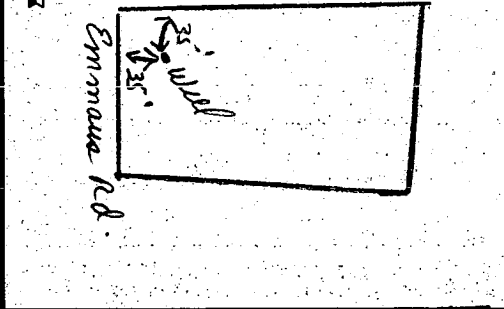
PUMPING TEST

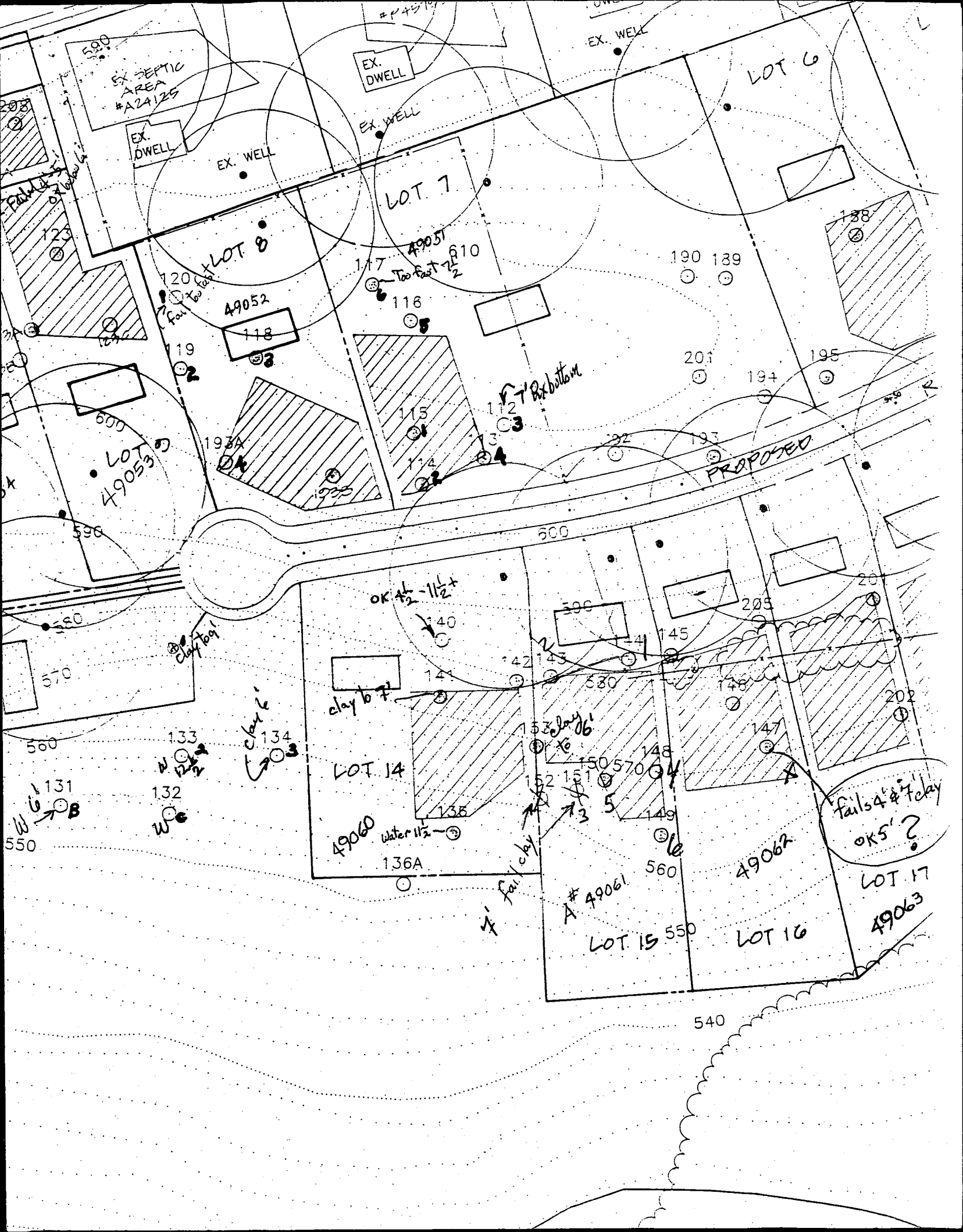
HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min.) 006.5, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL (distance from land surface) BEFORE PUMPING 49 ft., WHEN PUMPING 123 ft., TYPE OF PUMP USED (for test) S (submersible)

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29, CAPACITY: GALLONS PER MINUTE (to nearest gallon), PUMP HORSE POWER, PUMP COLUMN LENGTH (nearest ft.), CASING HEIGHT (circle appropriate box and enter casing height) above/below, LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)





EX. SEPTIC AREA #A24125

EX. DWELL

EX. WELL

LOT 6

EX. DWELL

EX. WELL

EX. WELL

LOT 7

LOT 8

49052

118

49051

117

118

190 139

120

119

201

194

195

600

LOT 9
49053

193A

115

114

EX bottom

PROPOSED

OK 1/2 - 1 1/2'

600

590

145

205

clay top

clay b 7'

LOT 14

49060

Water 11 1/2'

136A

53 clay 6'

52 15'

51 13'

50 11'

49 9'

48 7'

47 5'

46 3'

45 1'

44 0'

43 0'

42 0'

41 0'

40 0'

49061

LOT 15

550

49062

LOT 16

fails 4' & 7' clay
OK 5'?

LOT 17
49063

540

E POST-INTO

HEIGHT OF 35 F

13H IN

DIST SECTION 4 20" ABOVE

UNDISTURBED GROUND

ST DRIVEN A DF 16" INTO ND

SYMBOL

F

to the diameter will be for foot.

wire ties requirements

MSMT 509

MSMT 509

MSMT 322

MSMT 322

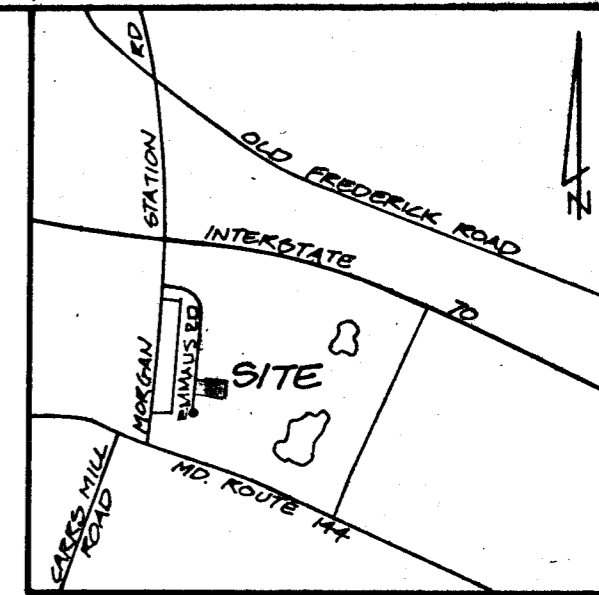
overlapped.

maintained when fabric height.

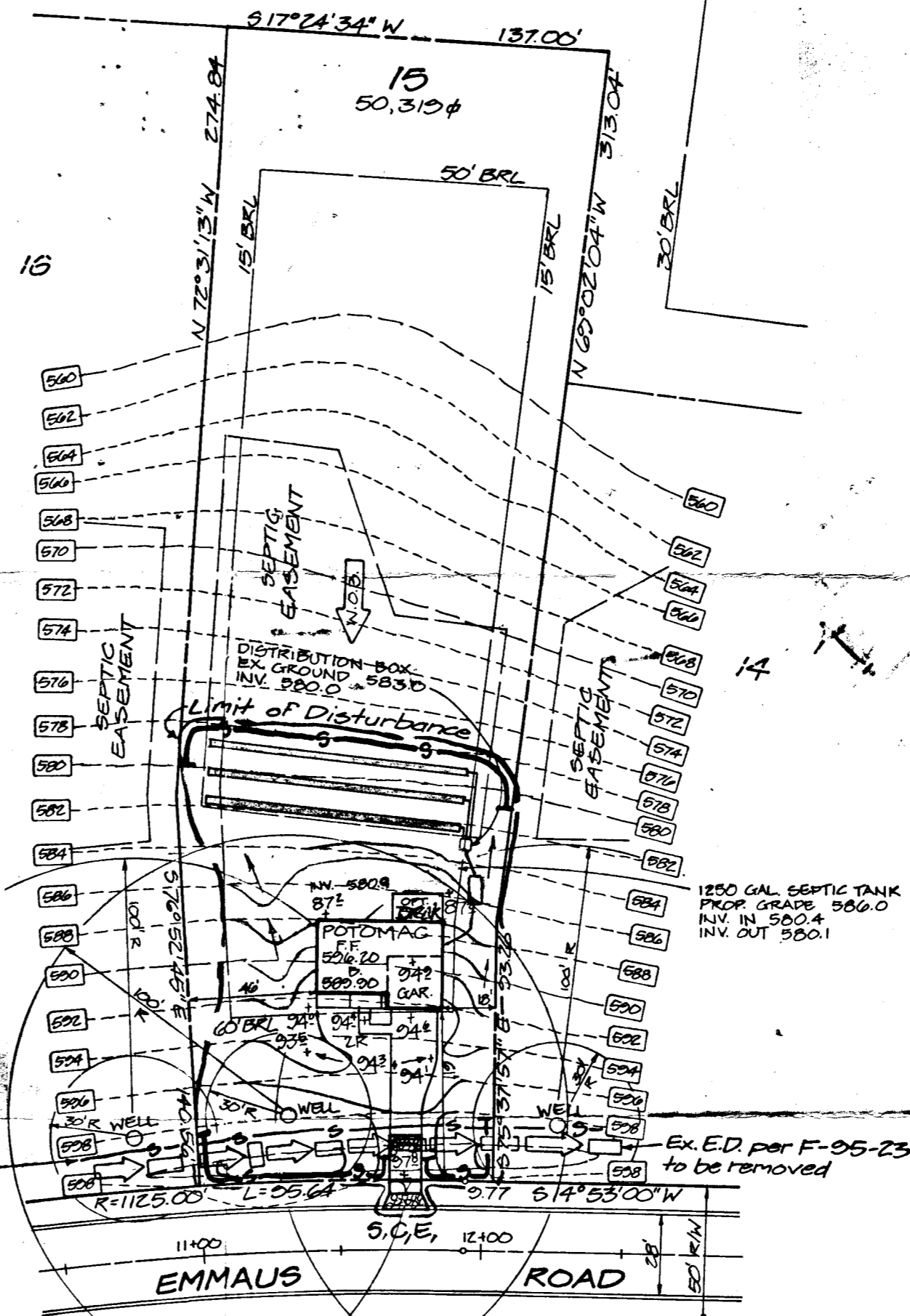
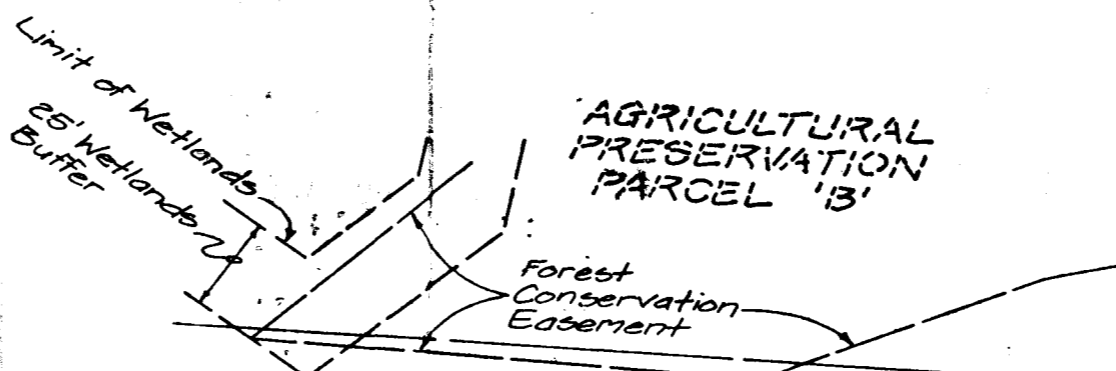
DEPARTMENT OF ENVIRONMENT & NATURAL RESOURCES

LEGEND

- Contour Interval 2 FT.
- Existing Contour 210
- Proposed Contour 410
- Spot Elevation +10.5
- Direction of Drainage
- Walk out Basement
- Silt Fence
- Stabilized Construction Entrance
- Ex. Silt Fence
- Ex. Earth Dike
- Limit of Disturbance



VICINITY MAP
SCALE: 1" = 2000'



Ex. S.F. per F-95-23 to be relocated as shown

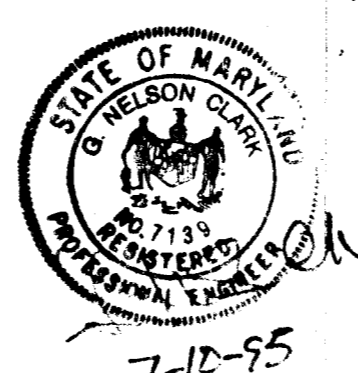
1250 GAL SEPTIC TANK PROP. GRADE 586.0 INV. IN 580.4 INV. OUT 580.1

Ex. E.D. per F-95-23 to be removed

Approved Septic System Plan
Howard County Health Department

Length of trench to be determined at time of septic permit issuance

James M. Mellon 7-14-95
Signature Date
Manhole cleanout required



BUILDER'S CERTIFICATE
and construction will be done according to plan for sediment and erosion control and lived in the construction project will have a Department of the Environment Approved of Sediment and Erosion before beginning dic on-site inspection by the Howard authorized agents, as are deemed

[Signature] 7-10-95
DATE

ENGINEER'S CERTIFICATE
I hereby certify that this plan for Sediment and Erosion Control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

[Signature] 7-10-95
G. NELSON CLARK DATE

CLARK • FINEFROCK & SACKETT, INC. ENGINEERS • PLANNERS • SURVEYORS 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 821-8100 - WASH.		
DESIGNED JME ZAL	SITE DEVELOPMENT AND SEDIMENT and EROSION CONTROL PLAN LOT 15 WALNUT SPRINGS 4th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: TRINITY BUILDERS, INC. 6212 Devon Drive Columbia, MD 21044	SCALE 1" = 50'
DRAWN MCR		DRAWING 1 of 1
CHECKED <i>[Signature]</i>		JOB NO. 94-182
DATE 7-10-95		FILE NO. 94-182x

G.P. 95-118A

