

6/24/96
6/25/96

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P56973 B

A 499140

DISTRICT 3rd

DATE 6/10/96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

XX4609933 313-2640

DATE SYSTEM APPROVED 6/20/96

INSPECTOR Au

03-319768

INDEXED

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL X ALTER

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

SUBDIVISION Sobus Farms LOT 9 ROAD 3009 Sobus Drive

PROPERTY OWNER Altieri Homes, Inc. / Doug Shucki

ADDRESS

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Beginning from the intersection of the 120.00' and 348.25' lot lines, begin trenches 225 feet up the 348.25' lot line and 60 feet off that same lot line. Run trenches on contour toward the 348.25' 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. **MANHOLE REQUIRED IF SEPTIC TANK COVER EXCEEDS 3 FEET.** ok/cw

PLANS APPROVED BY Amy McMillen/Craig Williams

DATE 9/26/95
jr

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**

SEWER PERMIT SIGNED

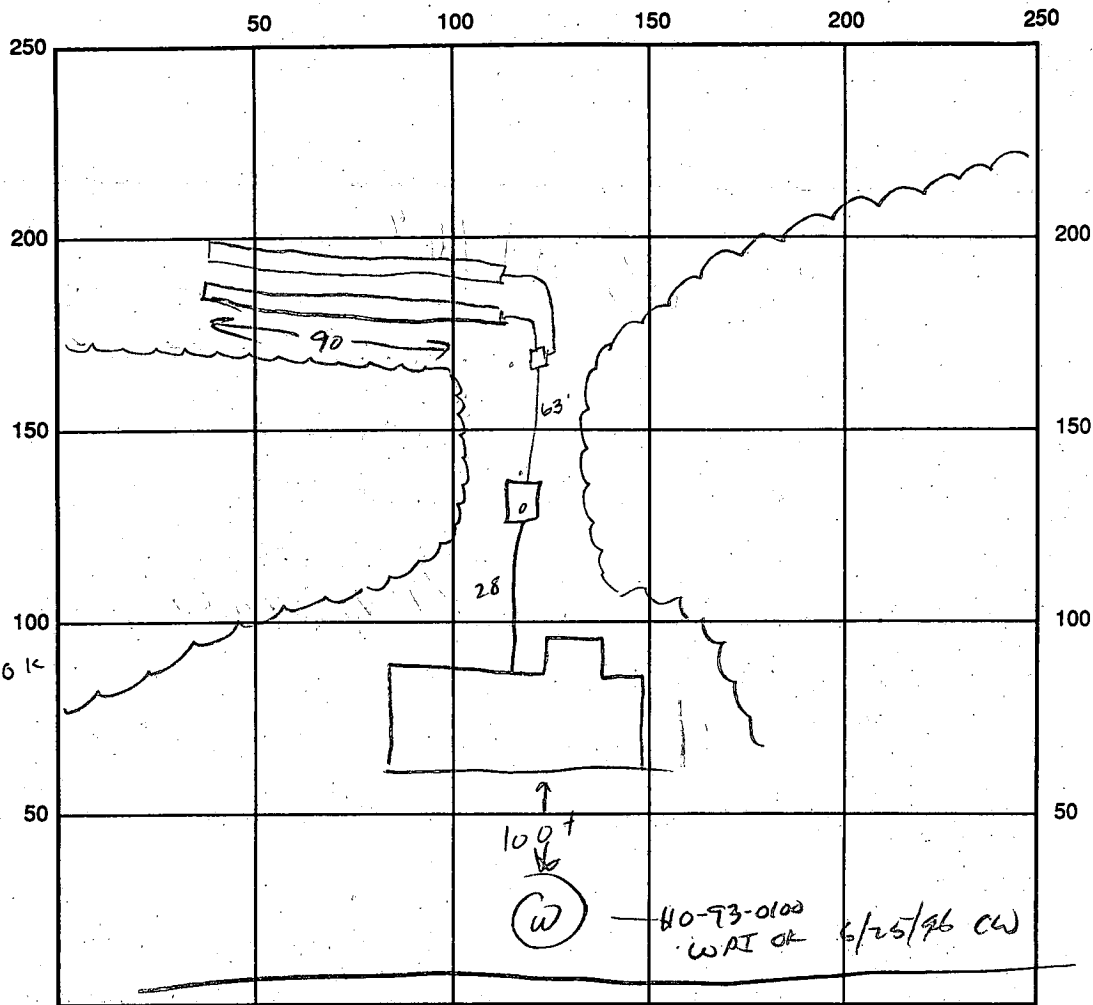
AND RETURNED

8-21-97

Serial # B01107572 - duck

A 499140

20710
WELL 2420E
H0-93-0201
(10)



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
SOGUS DRIVE

SEPTIC TANK LEVEL ✓

CLEANOUTS ST. MGD'S MANHOLE

DISTRIBUTION BOX LEVEL OK baffles in

DRAIN FIELD/TITLE DEPTH 7 FT.

TRENCH WIDTH 2 FT.

INLET DEPTH 3.0 FT.

EFFECTIVE GRAVEL DEPTH 4.0 FT.

TOTAL LENGTH ① 90 = 180 total
② 90 FT.

NUMBER OF TRENCHES 2

ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 6/24/96 TANK & HOUSE SEWER COMPLETE. FIRST TRENCH OK TO GRAVEL (CW)

6/26/96 OK to cover all work final AL

DATE SYSTEM APPROVED 6/26/96

INSPECTOR Amy McMillan

APPLICATION

PERCOLATION TESTING

A 499140

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT 3

DATE 2/9/94

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 Altieri Homes, Inc
Hilltop Development Corporation

ADDRESS P.O. Box 208, Clarksville, Md. 21029 PHONE 410-796-5206
410-531-5539

AGENT OR PROSPECTIVE BUYER Richard Demmitt

ADDRESS P.O. Box 208 Clarksville Md. 21029 PHONE 410-531-5539

PROPERTY LOCATION:

SUBDIVISION Sobus Farms LOT NO. 9 (eighth)

ROAD AND DESCRIPTION at the end of Winfield Rd.

TAX MAP 15 PARCEL # 26 & 154

SIZE OF LOT 3 acres + TYPE BLDG. S.F.D.
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED

AND RETURNED 1/29/94

Serial # 63136-4Bms
S.F.D.

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.

Richard Demmitt
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

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

A499140

COUNTY #

SOIL PROFILE

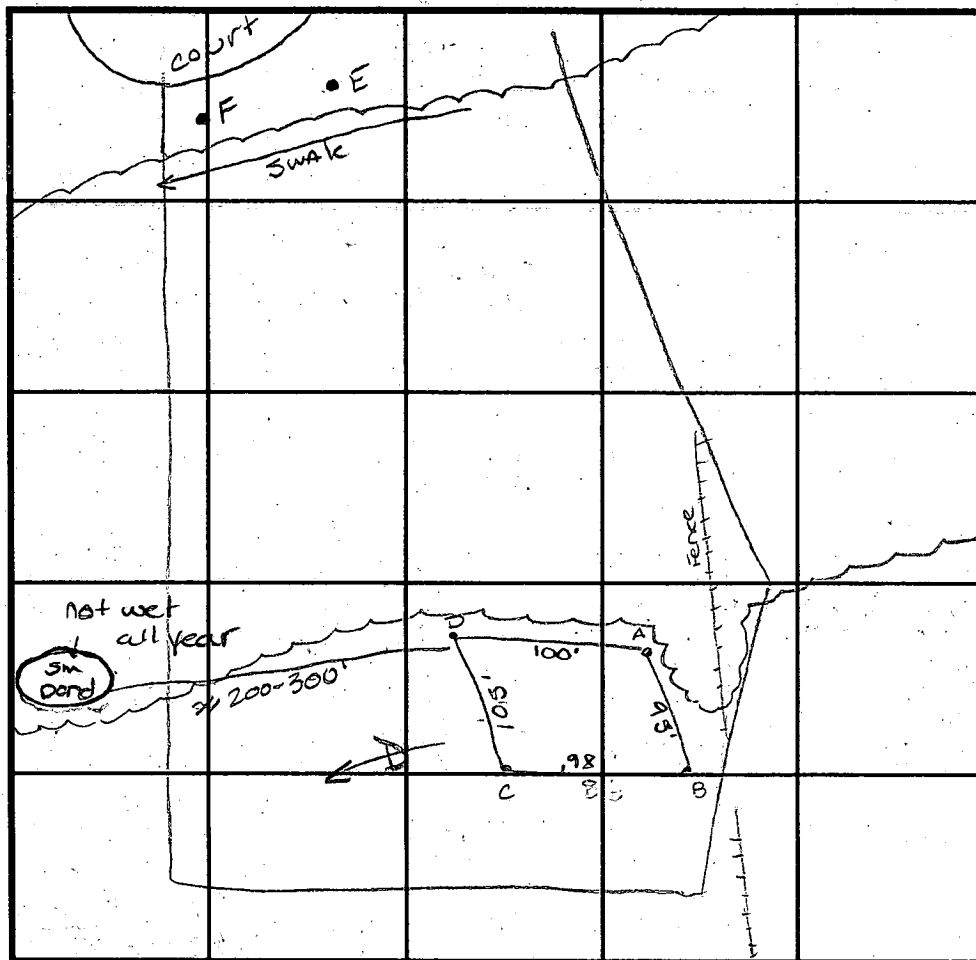
0' B
 1 1/2' dk tan
 c
 brn/vel
 orange
 spots
 SL
 mica
 throughout
 some
 saprolite
 <5%
 OK

A

brn w/
 red spots
 CL
 3' brn
 SL
 a lot
 of mica
 chunks
 very
 decayed
 few
 large
 chunks
 of rock
 <5%
 OK
 11 1/2'

D

2' brn/orange
 c
 streaked
 lg+ tan
 brn
 SL
 a lot of
 mica
 no big
 chunks
 OK



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0' C
 1 1/2' red/brn
 CL
 brn
 SL
 mica
 some
 large
 rock chunks
 (5" dia)
 mixed in
 <5%
 OK
 12'

E

2' dk brn
 SCL
 brn SL
 mica
 some saprolite
 throughout
 12 1/2'

F

same
 as
 E

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/23/94	E	Visual	to 12 1/2'	—	—	—	OK
	F	Visual	to 12 1/2'	—	—	—	OK
	B	3' VII'	10:06	10:07 ¹⁵	10:07 ¹⁵	10:09 ³⁰	2 1/4 min
		6' VII'	10:04 ⁴⁵	10:05 ⁴⁵	10:05 ⁴⁵	10:07 ³⁰	1 1/4 min
	A	3 1/2' 11 1/2'	10:12 ¹⁵	10:14 ¹⁵	10:14 ¹⁵	10:16 ³⁰	2 1/2 min
	D	3' VII'	10:18 ¹⁵	10:19 ¹⁵	10:19 ¹⁵	10:20 ³⁰	1 min
		6' VII'	10:17 ¹⁵	10:18 ¹⁵	10:18 ¹⁵	10:18 ⁴⁵	45 sec
		repour	10:19 ⁴⁵	10:20 ³⁰	10:20 ³⁰	10:21 ³⁰	1 min
	C	3 1/2' VI 2'	10:24 ⁴⁵	10:24 ⁴⁵	10:24 ⁴⁵	10:25 ³⁰	45 sec
		repour	10:26 ⁴⁵	10:27 ⁴⁵	10:27 ⁴⁵	10:29 ¹⁵	1 1/4 min

REMARKS

TYPE OF SOIL ChD₂ Chester silt loam

TESTED BY A McMillen / M. Rifkin

ALSO PRESENT R D Smith

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 min

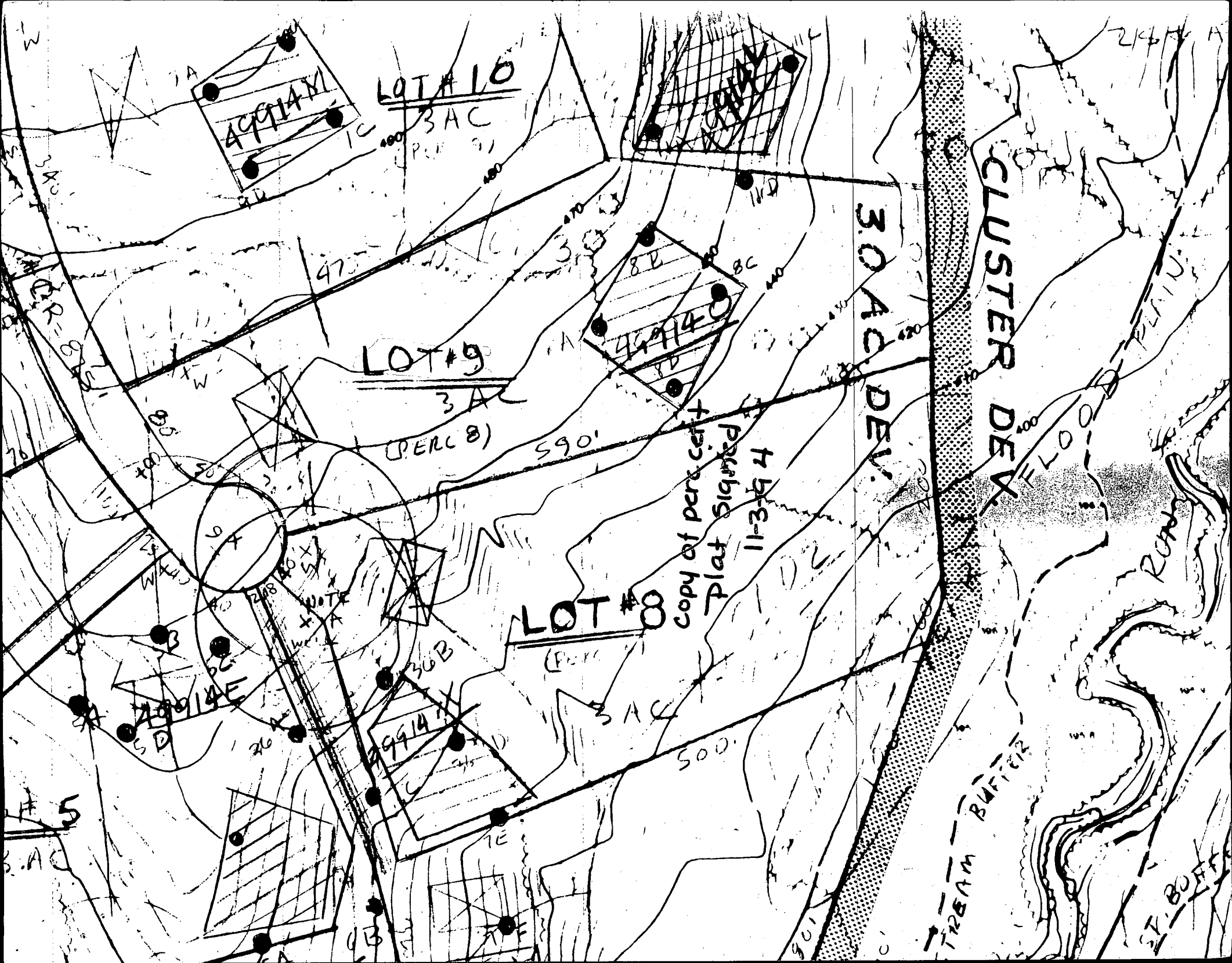
TRENCH WIDTH 2'

INLET DEPTH 3'

MAXIMUM BOTTOM DEPTH 7'

SQ. FT./BEDROOM 180 ft²

C1 0131		SEQUENCE NO. (MDE 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 A49914-0			
ST/EO USE ONLY DATE RECEIVED 01/19/96		DATE WELL COMPLETED 122895		Depth of Well 22 480 26 (TO NEAREST FOOT)				PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-93-0100			
OWNER Demmitt STREET OR RFD Sobus Drive SUBDIVISION Sobus Farms				TOWN West Friendship SECTION 9				LOT 9			
WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING				GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (Circle one) CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 26 NO. OF POUNDS 2444 GALLONS OF WATER 156 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 51 ft. (enter 0 if from surface)				C3 PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min.) 001.7 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 60 ft. WHEN PUMPING 374 ft. TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet (S) submersible			
DESCRIPTION (Use additional sheets if needed)				FEET FROM TO Sand 0 50 Gray Mica Rock 50 480				CASING RECORD casing types insert appropriate code below (ST) STEEL (CO) CONCRETE (PL) PLASTIC (OT) OTHER MAIN CASING TYPE (ST) 6 54 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)			
NUMBER OF UNSUCCESSFUL WELLS: 0				OTHER CASING (if used) EACH CASING diameter inch depth (feet) from to				SCREEN RECORD screen type or open hole insert appropriate code below (ST) STEEL (BR) BRASS (HO) OPEN HOLE (PL) PLASTIC (OT) OTHER			
WELL HYDROFRACTURED (Y) (N)				C2 DEPTH (nearest ft.) H0 52 480				PUMP INSTALLED DRILLER WILL INSTALL PUMP (YES or NO) (NO) IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS. 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 2 (nearest foot)			
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. TYPE: MWD/MSD/MGD DRILLERS LIC. NO. 24 Joseph L. Mayne DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) LIC. NO. _____ SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)				SLOT SIZE 1 _____ 2 _____ 3 _____ DIAMETER OF SCREEN _____ (NEAREST INCH) 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 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA				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) Sobus Drive well			
COUNTY											



~~CLUSTER DEV.~~

NOV

~~COPY~~
~~P-95-15~~

8-107

REF LINE
TO REMAIN

LOT #10

30.8 K 5
93

FF=44
BF=34

745
FF=760
BF=660

$\frac{1}{2} \times 2 \times 2 = 2$

FF-498
39

639

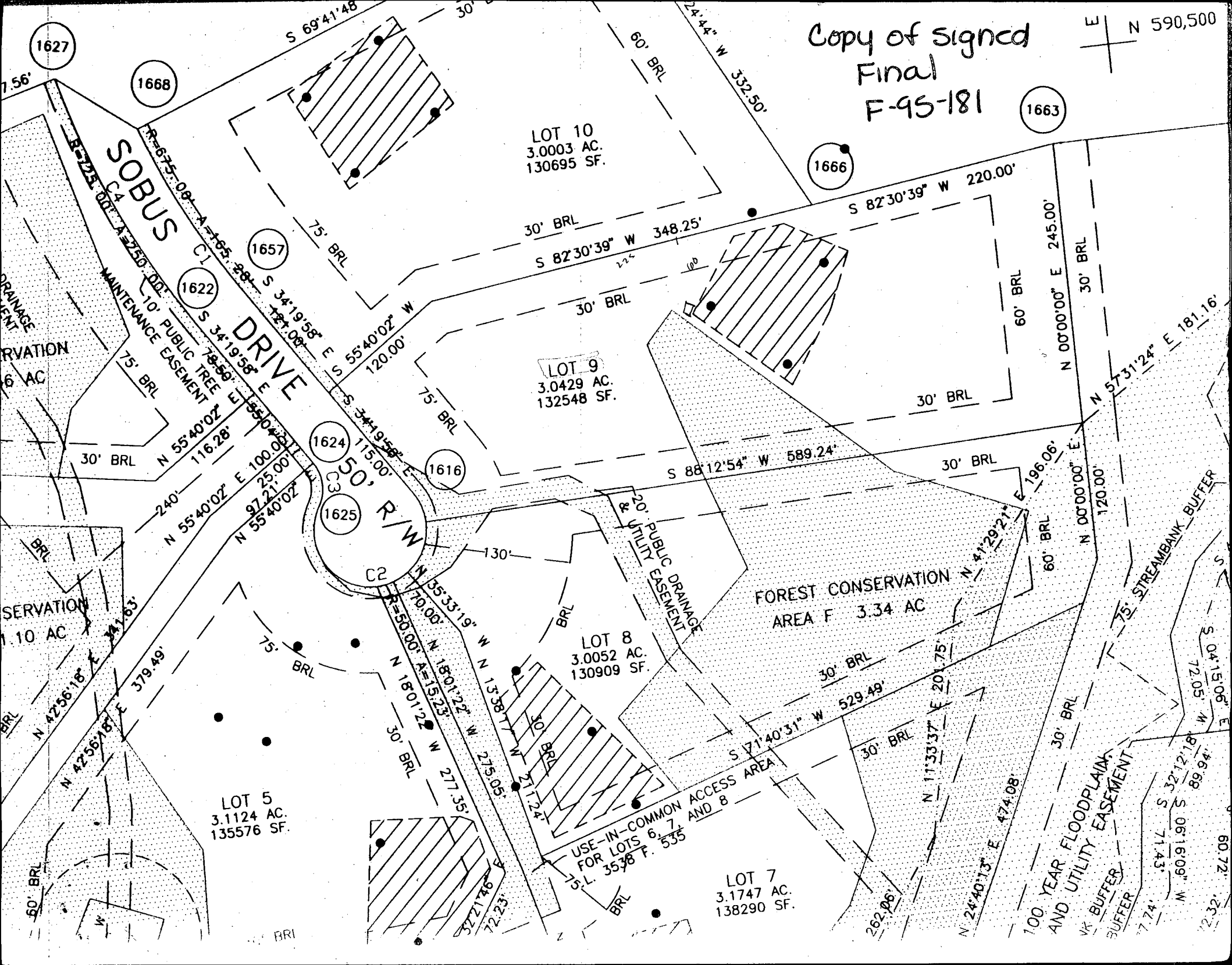


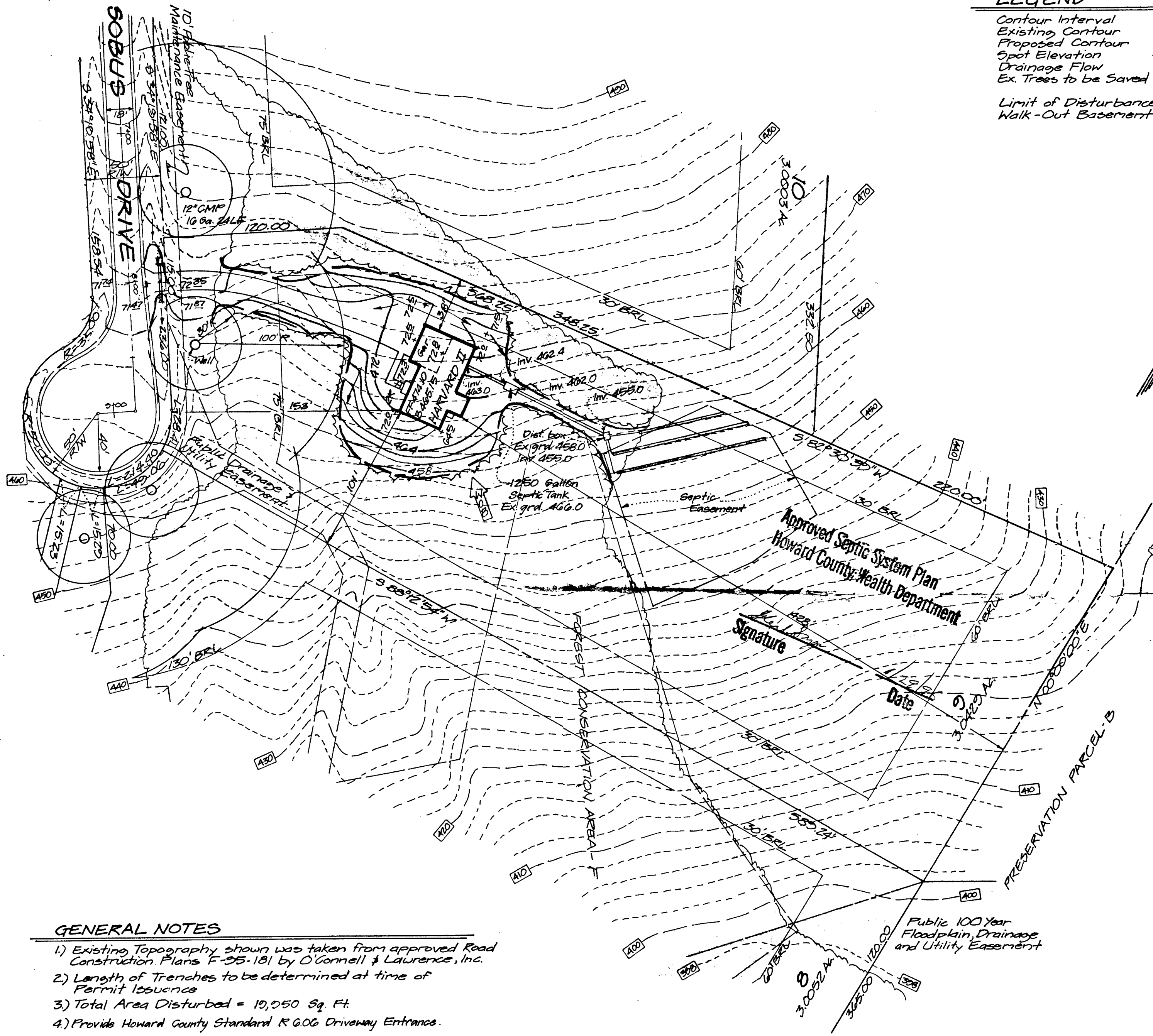
11



Copy of signed
Final
F-95-181

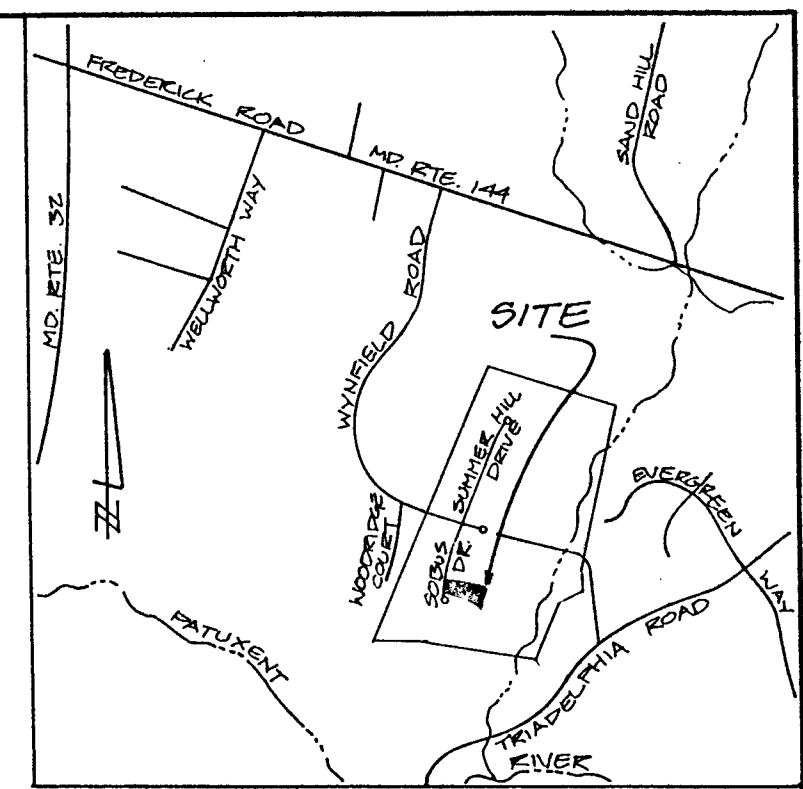
E N 590,500



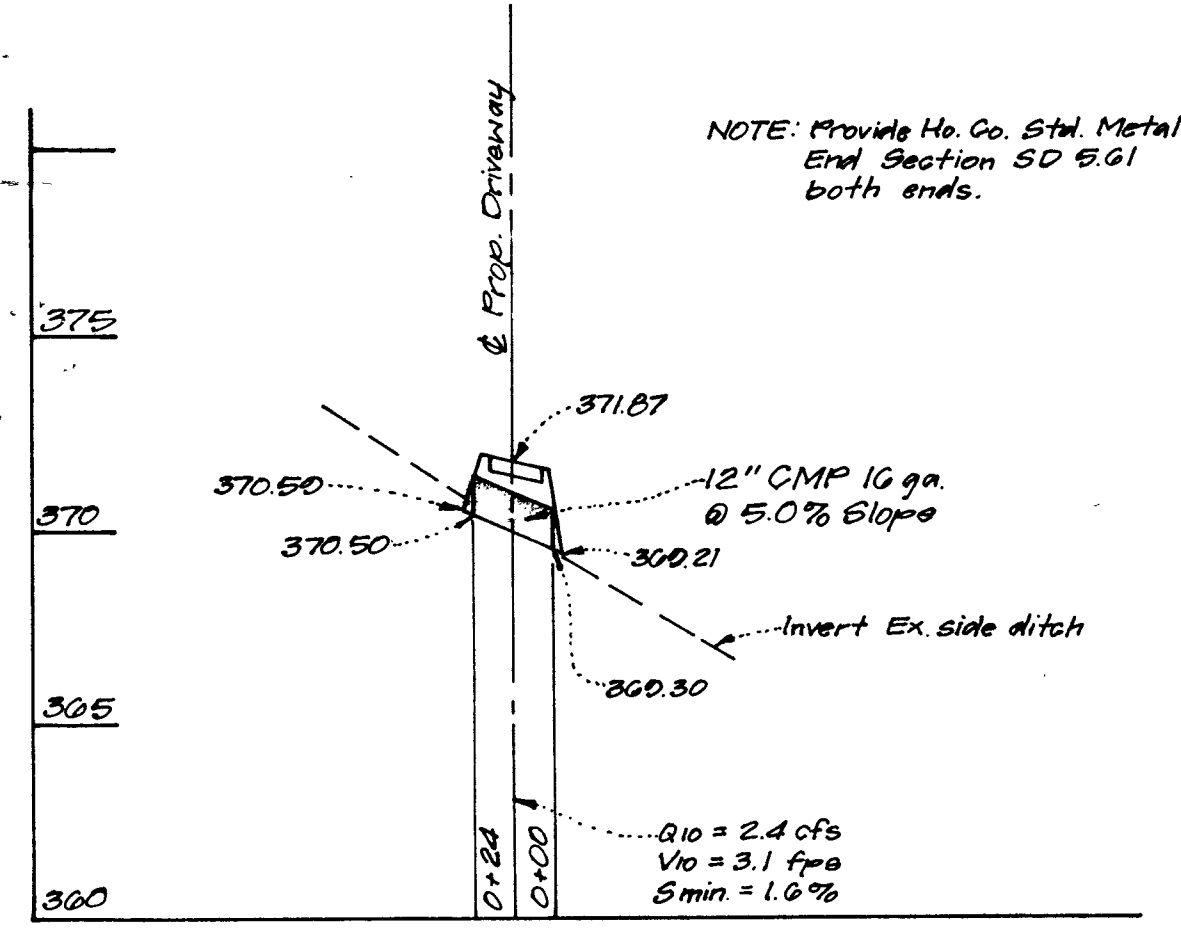


LEGEND

Contour Interval 2 Ft.
 Existing Contour ---
 Proposed Contour - - -
 Spot Elevation +999
 Drainage Flow →
 Ex. Trees to be Saved (Symbol)
 Limit of Disturbance (Symbol)
 Walk-Out Basement (Symbol)



SITE VICINITY MAP
 SCALE: 1"=2000'



PROFILE DRIVEWAY CULVERT
 Scales: Horiz. 1"=50'
 Vert. 1"=5'

- GENERAL NOTES**
- Existing Topography shown was taken from approved Road Construction Plans F-95-181 by O'Connell & Lawrence, Inc.
 - Length of Trenches to be determined at time of Permit Issuance
 - Total Area Disturbed = 10,250 Sq. Ft.
 - Provide Howard County Standard R.G.O.G. Driveway Entrance.

Reference Plat No. 1192D

CLARK • FINEFROCK & SACKETT, INC.
 ENGINEERS • PLANNERS • SURVEYORS
 7135 MINSTREL WAY • COLUMBIA, MD. 21045 • (410) 381-7500 - BALTO. • (301) 621-8100 - WASH.

DESIGNED jme	SITE DEVELOPMENT PLAN SOBUS FARMS LOT 9 TAX MAP: 15 PARCELS: 26 & 154 3rd ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: ALTIERI HOMES, INC. 7340 Gardenview Drive Baltimore, MD 21227	SCALE 1"=50'
DRAWN MR/PS		DRAWING 1 of 1
CHECKED jme		JOB NO. 95-209
DATE 1-3-90		FILE NO. 95-209