

LAYOUT _____

INSP 1 6/17/08 INSP 3 _____

INSP 2 6/18/08 INSP 4 _____

ISSUE DATE: 6/10/04

APPROVAL DATE: 7/23/08

528533-20
P 520413-C

PERMIT
Logged Into Permit Manager
TAX ID# 04-371917

A _____

**COMMUNITY SEPTIC SYSTEM
HOUSE SEWER LINE CONNECTION**

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

Woodford Mechanical IS PERMITTED TO INSTALL ALTER

ADDRESS: Box 10, Dayton, MD 21036 PHONE NUMBER: 443-277-5906

SUBDIVISION Musgrove Farm Unit # 20

ADDRESS: 14371 Musgrove Farm Court PROPERTY OWNER: Ryan Homes

NUMBER OF BEDROOMS: 4

HOUSE SERVED BY A COMMUNITY WATER SYSTEM

LOCATION:	Install 4" house sewer line connection per the approved site plan.
NOTES:	This permit is limited to the installation of the individual house sewer line connection. Installation of grinder pump will be permitted after shared system is approved for start-up. The Howard County Bureau of Utilities must be contacted for scheduling of inspection of these items, as well at 410-313-4900.

PLANS APPROVED: Sara Sappington DATE: 4/2/08

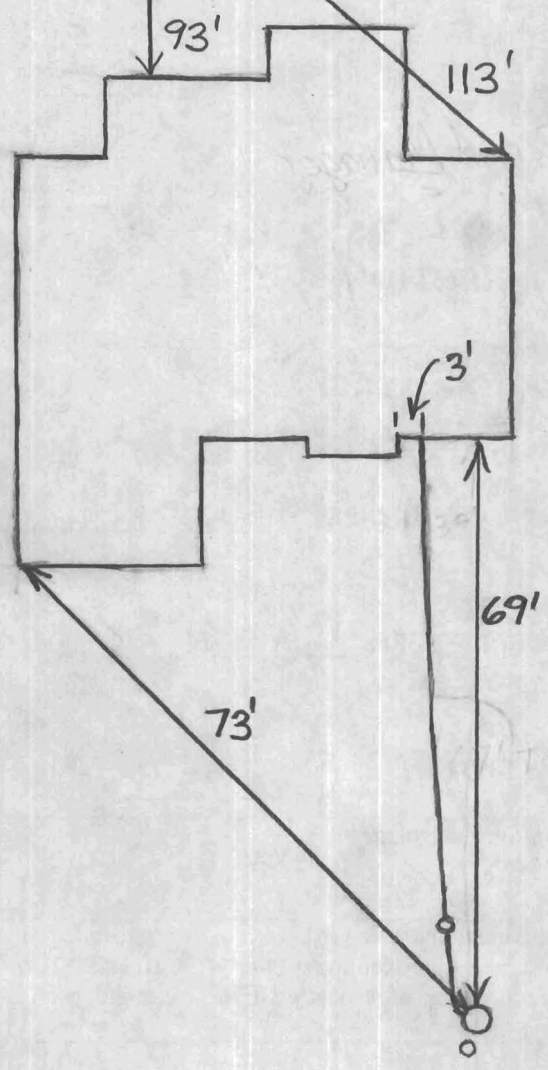
PERMIT VOID AFTER 2 YEARS

1. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS.
2. ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED.
3. CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT.
4. NEITHER THE HOWARD COUNTY COUNCIL OR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.
5. PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

CALL 410-313-1771 FOR INSPECTION OF SEPTIC CONNECTION

H0-95-0054

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
_____	_____	_____
NUMBER OF TRENCHES _____		
TOTAL LENGTH _____		
ABSORPTION AREA _____		
DISTRIBUTION BOX LEVEL _____		
DISTRIBUTION BOX BAFFLE _____		
DISTRIBUTION BOX PORT _____		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL _____	
CAPACITY _____	GAL
SEAM LOC _____	
TANK LID DEPTH _____	
BAFFLES _____	
BAFFLE FILTER _____	
MANHOLE LOC _____	
6" PORT LOC _____	
WATERTIGHT TEST _____	
SEPTIC TANK 2 LEVEL _____	
CAPACITY _____	GAL
SEAM LOC _____	
TANK LID DEPTH _____	
BAFFLES _____	
BAFFLE FILTER _____	
MANHOLE LOC _____	
6" PORT LOC _____	
WATERTIGHT TEST _____	

PRE-CONSTRUCTION _____

INSTALLATION 6/17/08 Connection to grinder pumps started. Backhoe broke. (BB)

6/18/08 Connection to grinder pump finished. Need pump and alarm test (BB)

7/23/08 Pump and alarm working. System not inspected by utilities. Firewire installed pump and electrical (BB)

FINAL INSPECTOR B. Baker DATE OF APPROVAL 7/23/08

SEDIMENT CONTROL NOTES

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (H&C 22-1-100)
- ALL VEGETATION AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE TERRA MARITIMA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND REVISIONS HEREIN.
- FOLLOWING INITIAL SOIL DISTURBANCE OF RECONSTRUCTION, PERMITS OR SUBMITTALS SHALL BE COMPLETED WITHIN: (A) 7 CALENDAR DAYS FOR ALL FORMS OF SEDIMENT CONTROL STRUCTURES, DICES AND PERMITS; (B) 14 CALENDAR DAYS FOR ALL OTHER FORMS OF SEDIMENT CONTROL STRUCTURES, DICES AND PERMITS.
- ALL SEDIMENT TRAPS/BASINS SHALL BE FINISHED AND WARNING SIGNS POSTED AROUND THEIR PERIMETERS IN ACCORDANCE WITH VOL. 1, CHAPTER 22 OF THE HOWARD COUNTY SUBSIDIARY REGULATIONS.
- ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE TERRA MARITIMA STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT STABILIZATION, TEMPORARY STABILIZATION AND MULCHING (E.C. 2). TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DOES NOT ALLOW FOR PROPER CONSERVATION AND ESTABLISHMENT OF STRIPES.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

TOTAL AREA OF SITE (LOT 20)	0.76 ACRES
AREA TO BE RESEED OR PLANT	0.26 ACRES
AREA TO BE VEGETATIVELY STABILIZED	0.26 ACRES
TOTAL DIRT	1200 CU YDS.
TOTAL FILL	1200 CU YDS.
OFF-SITE WASTE/STORMWATER AREA LOCATION	NONE

- ANY SEDIMENT CONTROL PRACTICE WHICH IS DETERMINED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY OFFICE OF SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE PROTECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERMITS, DICES AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER LATER DISTURBANCE OR GRADING. OTHER HOLDING OR GRADING INSPECTION APPROVALS MAY NOT BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS OBTAINED.
- REMOVES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO 3 PIPE LEACHES OR THAT WHICH SHALL BE BACKFILLED AND STABILIZED WITHIN 1 WORKING DAY, WHICHEVER IS SHORTER.

SEQUENCE OF CONSTRUCTION FOR SOIL CONSTRUCTION ON LOT 20

- APPLY FOR A GRADING PERMIT AND A BONDING PERMIT.
- IF THE HOUSE CONSTRUCTION AND ASSOCIATED GRADING WORK ON THIS LOT OCCURS BEFORE THE F-05-070 ROAD CONSTRUCTION WORK IS FULLY ACTIVE, COORDINATE THE HOUSE CONSTRUCTION/GRADING WORK WITH THE F-05-070 ROAD CONSTRUCTION WORK. MEASURES, COORDINATE, INSTALL THE SILT FENCE (F-05-070), SUPER SILT FENCE (F-05-070) AND THE STABILIZED CONSTRUCTION ENTRANCE (E.C. 2) FOR THIS LOT AS SHOWN.
- CONSTRUCT THIS HOME SITE.
- STABILIZE ALL REMAINING DISTURBED AREAS IN ACCORDANCE WITH THE PERMANENT STORM CONTROL NOTES OF THIS PLAN AND COVERED SOIL.
- OBTAIN PERMISSION FROM THE INSPECTOR TO REMOVE ANY SEDIMENT CONTROL FEATURES THAT ARE NO LONGER NEEDED.

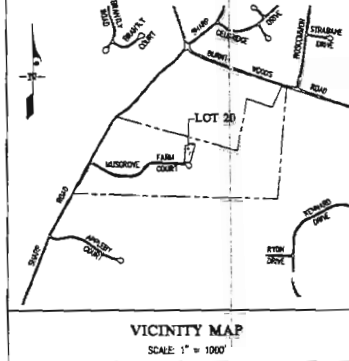
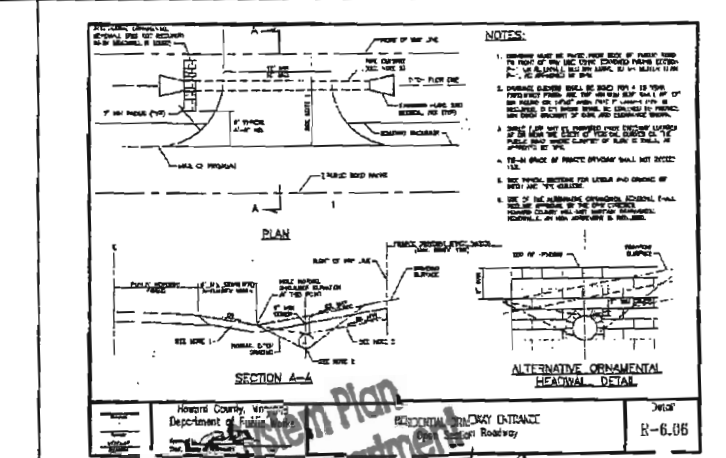
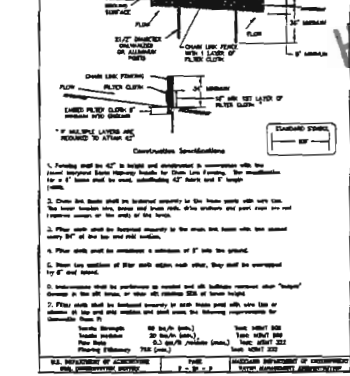
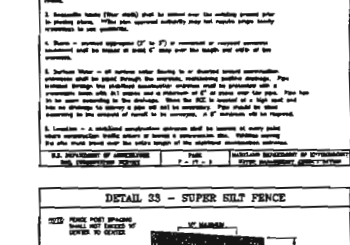
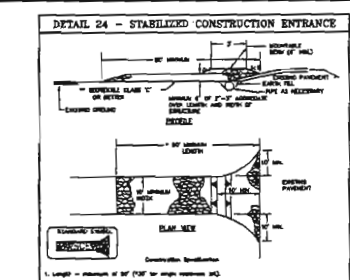
NOTES:

- THE LOT SHOWN IS 33.047 ACRES AND IS RECORDED UNDER PLAT NO. 1925S AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.
- EXISTING TOPOGRAPHY IS FROM F-05-070, CALL C.L.K. FIELD CONDITIONS ARE SUBSTANTIALLY IDENTICAL.
- THIS LOT IS SERVED BY A PRIVATE WELL AND BY A COMMUNITY SEPTIC SYSTEM PER S01-04-LM-1 AND F-02-070.

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SILT FENCE
- PROPOSED SUPER SILT FENCE
- STABILIZED CONSTRUCTION ENTRANCE
- LIMIT OF DISTURBANCE

SC E



PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-TERM VEGETATIVE COVER IS DESIRED.

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCHING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED).

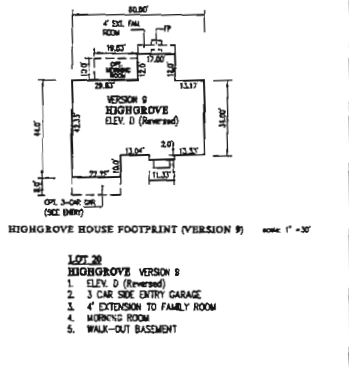
SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES:

- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (85 LBS/TON SQUARE FEET) AND 800 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARBOR OR DISC INTO UPPER THREE INCHES OF SOIL. AT THE TIME OF SEEDING, APPLY 400 LBS PER ACRE 20-0-0 LIME-FORMUL FERTILIZER (4 LBS/1000 SQ FT).
- ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (85 LBS/TON SQUARE FEET) AND 800 LBS PER ACRE OF 10-10-10 FERTILIZER (14 LBS/1000 SQ FT) BEFORE SEEDING. HARBOR OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR THE PERIODS MARCH 1 (MAY APRIL 30) AND AUGUST 1 (THRU OCTOBER 15), SEED WITH 80 LBS PER ACRE (1.4 LBS/1000 SQ FT) OF HENRIKITY 31 TALL FESCUE PER ACRE AND 3 LBS PER ACRE (50 LBS/1000 SQ FT) OF REDTOP LINDSEY. DURING THE PERIODS OF OCTOBER 15 (MAY FEBRUARY 28), PROJECT SITE BE SEED WITH 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOIL OPTION (2) SEED WITH 80 LBS PER ACRE (1.4 LBS/1000 SQ FT) OF HENRIKITY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 100 LBS/1000 SQ FT) OF UNLIMITED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLYING USING MULCH ANCHORING TOOL OR 200 GAL PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT OR MORE, USE 240 GAL PER ACRE (5 GAL/1000 SQ FT) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.



TEMPORARY SEEDING NOTES

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

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCHING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED).

SOIL AMENDMENTS: APPLY 400 LBS PER ACRE (10-10-10 FERTILIZER (14 LBS/1000 SQ FT).

SEEDING: FOR PERIODS MARCH 1 (MAY APRIL 30) AND FROM AUGUST 1 (THRU OCTOBER 15), SEED WITH 2-1/2 BUSHES PER ACRE OF ANNUAL RYE (2.2 LBS/1000 SQ FT). FOR THE PERIOD MAY 1 (MAY APRIL 30) AND FROM AUGUST 1 (THRU OCTOBER 15), SEED WITH 3 LBS PER ACRE OF REDTOP LINDSEY (5.7 LBS/1000 SQ FT) FOR THE PERIOD NOVEMBER 1 (THRU FEBRUARY 28), PROJECT SITE BE SEED WITH 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOIL OPTION (2) SEED WITH 80 LBS PER ACRE (1.4 LBS/1000 SQ FT) OF HENRIKITY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 100 LBS/1000 SQ FT) OF UNLIMITED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLYING USING MULCH ANCHORING TOOL OR 200 GAL PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT OR MORE, USE 240 GAL PER ACRE (5 GAL/1000 SQ FT) FOR ANCHORING.

MAINTENANCE: INSPECT ALL SEEDED AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS.

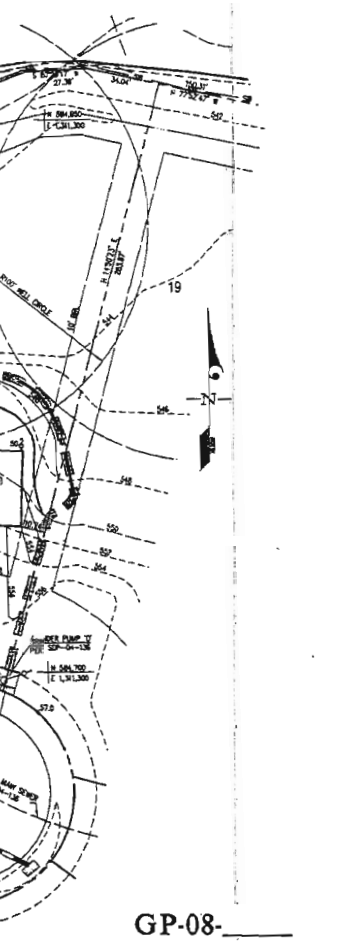
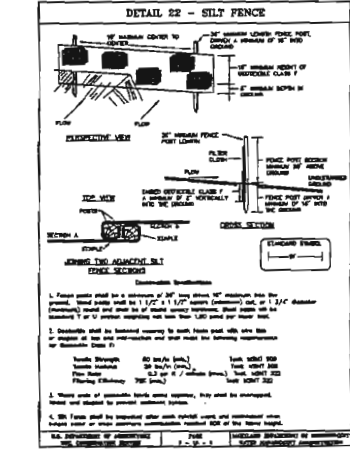
PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 10878, EXPIRATION DATE, MAY 28, 2008.

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL, REPRESENTS A PRACTICE AND WORKABLE PLAN BASED ON MY PERSONAL OBSERVATION OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY CONSERVATION DISTRICT.

Signature: [Signature]
Date: 3/25/08



GLW GUTSCHICK LITTLE & WEBER, P.A.

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS

3008 NATIONAL DRIVE - SUITE 200 - BETHESDA, MARYLAND 20814

PH: 301-424-4041 FAX: 301-424-4042

CONTRACT PURCHASER/OWNER:

RYAN HOGES
BOXES MARSHALLE DRIVE
SUITE 140
ELKSTONE, MD 21075
410-740-0900
CONTACT: JOHN LEWIS

OWNER:

MAPLE SPRINGS FARM LIMITED PARTNERSHIP
6/6 MUSGROVE FARM LLC
5300 DORSETT HALL DRIVE
SUITE 200
ELLSWORTH CITY, MD 21042

GP-08

PLOT (house siting) PLAN / SEDIMENT CONTROL PLAN

MUSGROVE FARM

LOT 20 (14371 MUSGROVE FARM COURT)

PLAT No. 19124-19126

SCALE: 1" = 30'

DATE: [Blank]

DATE: [Blank]

DATE: [Blank]

KEEP WITH FILES

SEDIMENT CONTROL NOTES

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION. (410) 313-1855
- ALL VEGETATIVE AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL, AND REVISIONS THEREOF.
- 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 AND PERIMETER SLOPES AND ALL SLOPES GREATER 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 PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS, SOO, TEMPORARY SEEDINGS AND MULCHING (SEC. G), 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 PERMITS FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

TOTAL AREA OF SITE (LOT 20) : 0.76± ACRES
 AREA DISTURBED : 0.36± ACRES
 AREA TO BE ROOFED OR PAVED : 0.12± ACRES
 AREA TO BE VEGETATIVELY STABILIZED : 0.24± ACRES
 TOTAL CUT : 120± CU. YDS.
 TOTAL FILL : 120± CU. YDS.
 OFF-SITE WASTE/BORROW AREA LOCATION : NONE

- 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 CONTROL MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPM SEDIMENT CONTROL INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUIRED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROL, 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 3 PIPE LENGTHS OR THAT WHICH SHALL BE BACKFILLED AND STABILIZED WITHIN 1 WORKING DAY, WHICHEVER IS SHORTER.

PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED).

SOIL AMENDMENTS: IN LIEU OF SOIL TEST RECOMMENDATIONS, USE ONE OF THE FOLLOWING SCHEDULES

- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQUARE FEET) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 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 UREA-FORM FERTILIZER (9 LBS/1000 SQ FT).
- ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ FT) AND 1000 LBS PER ACRE OF 10-10-10 FERTILIZER (23 LBS/1000 SQ FT) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE INCHES OF SOIL.

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS PER ACRE (1.4 LBS/1000 SQ FT) OF KENTUCKY 31 TALL FESCUE. FOR PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (0.5 LBS/1000 SQ FT) OF MEADOW LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROJECT SITE BY OPTION (1) 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING. OPTION (2) USE SOO. OPTION (3) SEED WITH 60 LBS/ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS/ACRE WELL ANCHORED STRAW.

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 218 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 RESEEDING.

TEMPORARY SEEDING NOTES

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

SEEDBED PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING (UNLESS PREVIOUSLY LOOSENED).

SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ FT).

SEEDING: FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ FT). FOR PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF MEADOW LOVEGRASS (0.7 LBS/1000 SQ FT). FOR PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROJECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR USE SOO.

MULCHING: APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ FT) OF UNROTTED, WEED-FREE, SMALL GRAIN STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 218 GAL PER ACRE (5 GAL/1000 SQ FT) OF EMULSIFIED ASPHALT ON FLAT AREAS. ON SLOPES, 8 FT OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SQ FT) FOR ANCHORING.

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

John K. Johnston 2/21/08
 HOWARD S.C.D. DATE

DEVELOPER'S/BUILDER'S CERTIFICATE

"I, WE CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A MARYLAND DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HCSS."

 SIGNATURE OF DEVELOPER/BUILDER DATE: 2-21-08

GLWGUTSCHICK LITTLE & WEBBER, P.A.
 CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
 BURTONSVILLE, MARYLAND 20868
 TEL: 301-421-4024 BALT: 410-389-1820 DC/VA: 301-389-2524 FAX: 301-421-4188

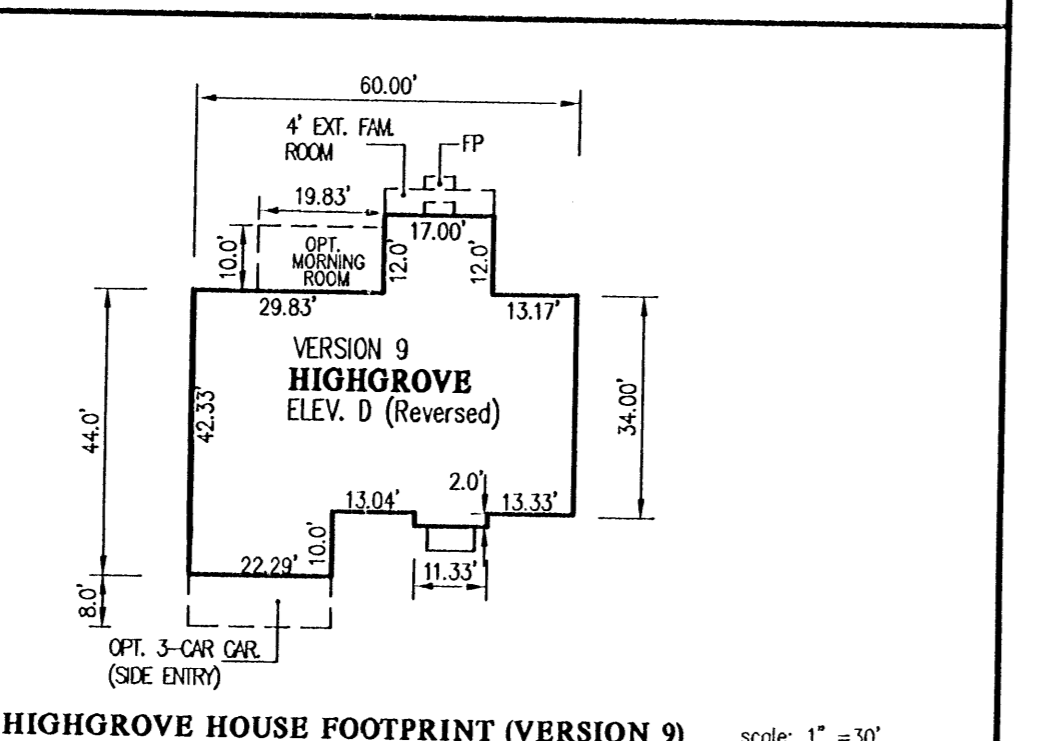
SEQUENCE OF CONSTRUCTION FOR HOUSE CONSTRUCTION ON LOT 1

- APPLY FOR A GRADING PERMIT AND A BUILDING PERMIT.
- IF THE HOUSE CONSTRUCTION AND ASSOCIATED GRADING WORK ON THIS LOT OCCURS WHILE THE F-05-070 ROAD CONSTRUCTION WORK IS STILL ACTIVE, COORDINATE THE HOUSE CONSTRUCTION/GRADING WORK WITH THE F-05-070 SEDIMENT CONTROL MEASURES. OTHERWISE, INSTALL THE SILT FENCE (-SF-), SUPER SILT FENCE (-SSF-) AND THE STABILIZED CONSTRUCTION ENTRANCE (SCE) FOR THIS LOT AS SHOWN.
- CONSTRUCT THIS HOME SITE.
- STABILIZE ALL REMAINING DISTURBED AREAS IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES OR WITH MARYLAND CERTIFIED SOO.
- OBTAIN PERMISSION FROM THE INSPECTOR TO REMOVE ANY SEDIMENT CONTROL FEATURES THAT ARE NO LONGER NEEDED.

NOTES:
 1. THE LOT SHOWN IS 33,869 SF, AND IT IS RECORDED UNDER PLAT NO. 19125 AMONG THE LAND RECORDED OF HOWARD COUNTY, MARYLAND.
 2. EXISTING TOPOGRAPHY IS FROM F-05-070. CALL G.L.W. IF FIELD CONDITIONS ARE SUBSTANTIALLY DIFFERENT.
 3. THIS LOT IS SERVED BY A PRIVATE WELL AND BY A COMMUNITY SEPTIC SYSTEM PER SDP-04-136 AND F-05-070.

LEGEND

--- 500 --- EXISTING CONTOUR
 --- 600 --- PROPOSED CONTOUR
 --- SF --- PROPOSED SILT FENCE
 --- SSF --- PROPOSED SUPER SILT FENCE
 SCE STABILIZED CONSTRUCTION ENTRANCE
 --- --- LIMIT OF DISTURBANCE



PROFESSIONAL CERTIFICATION

I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12975, EXPIRATION DATE: MAY 26, 2008.

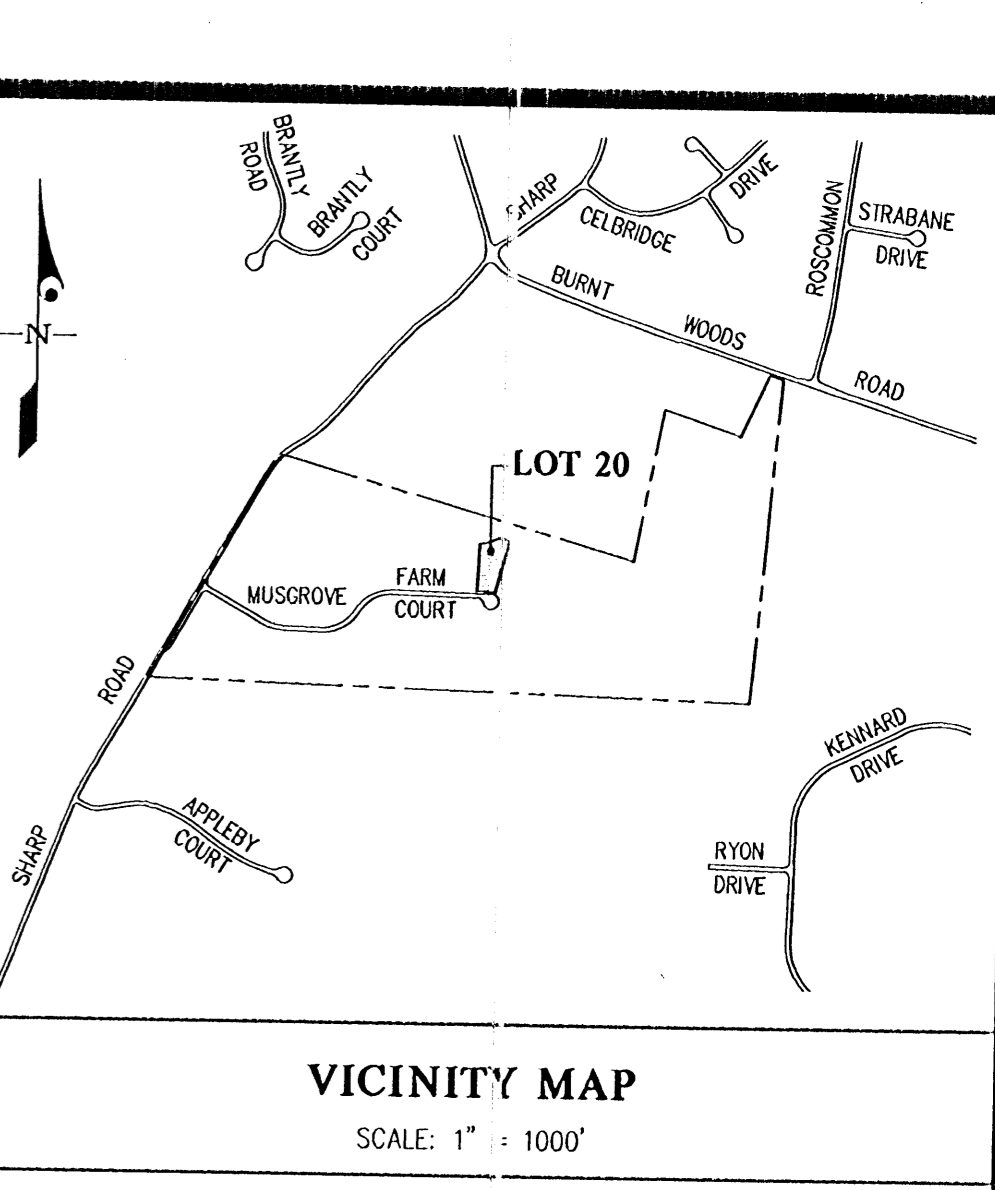
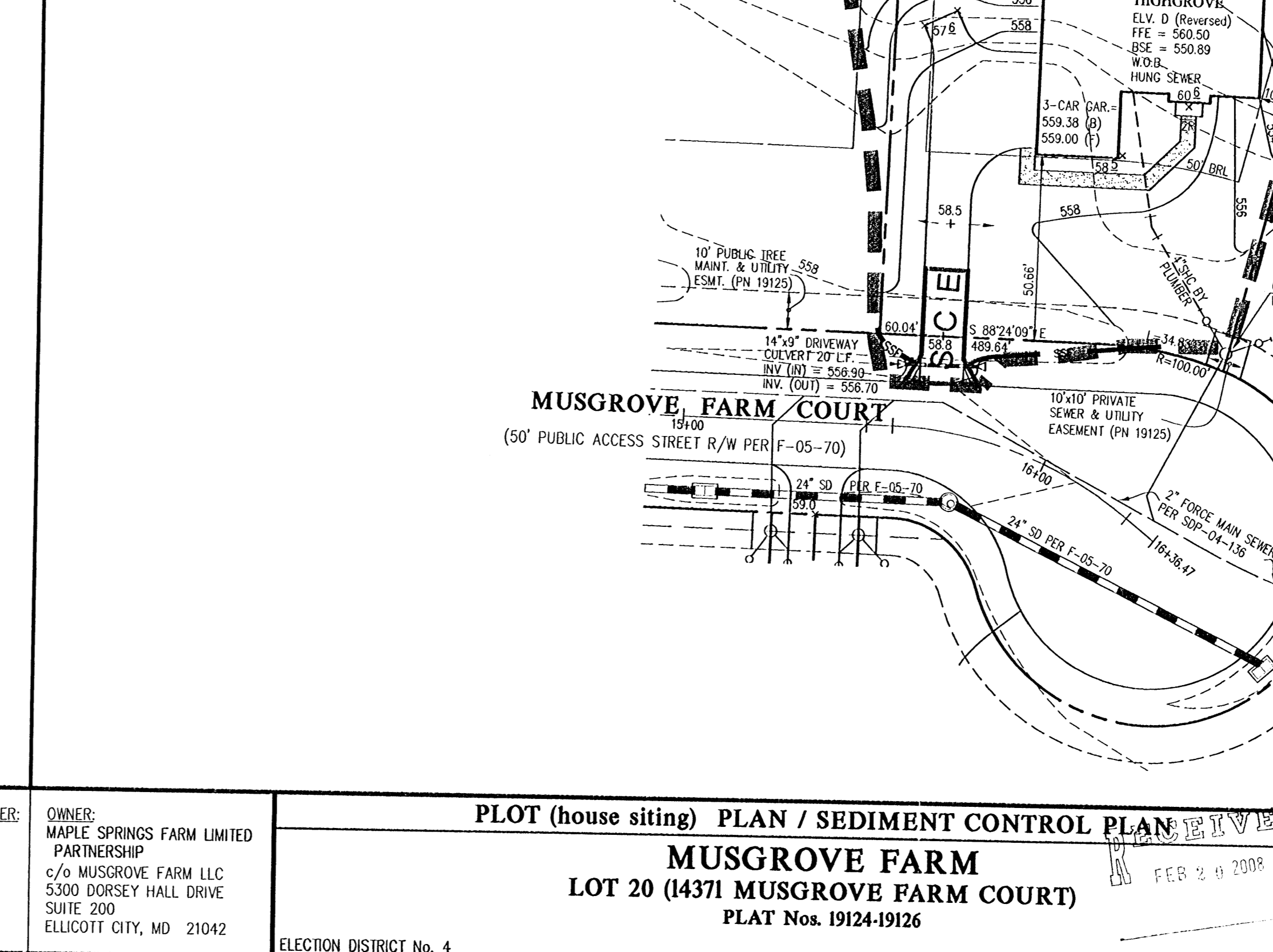
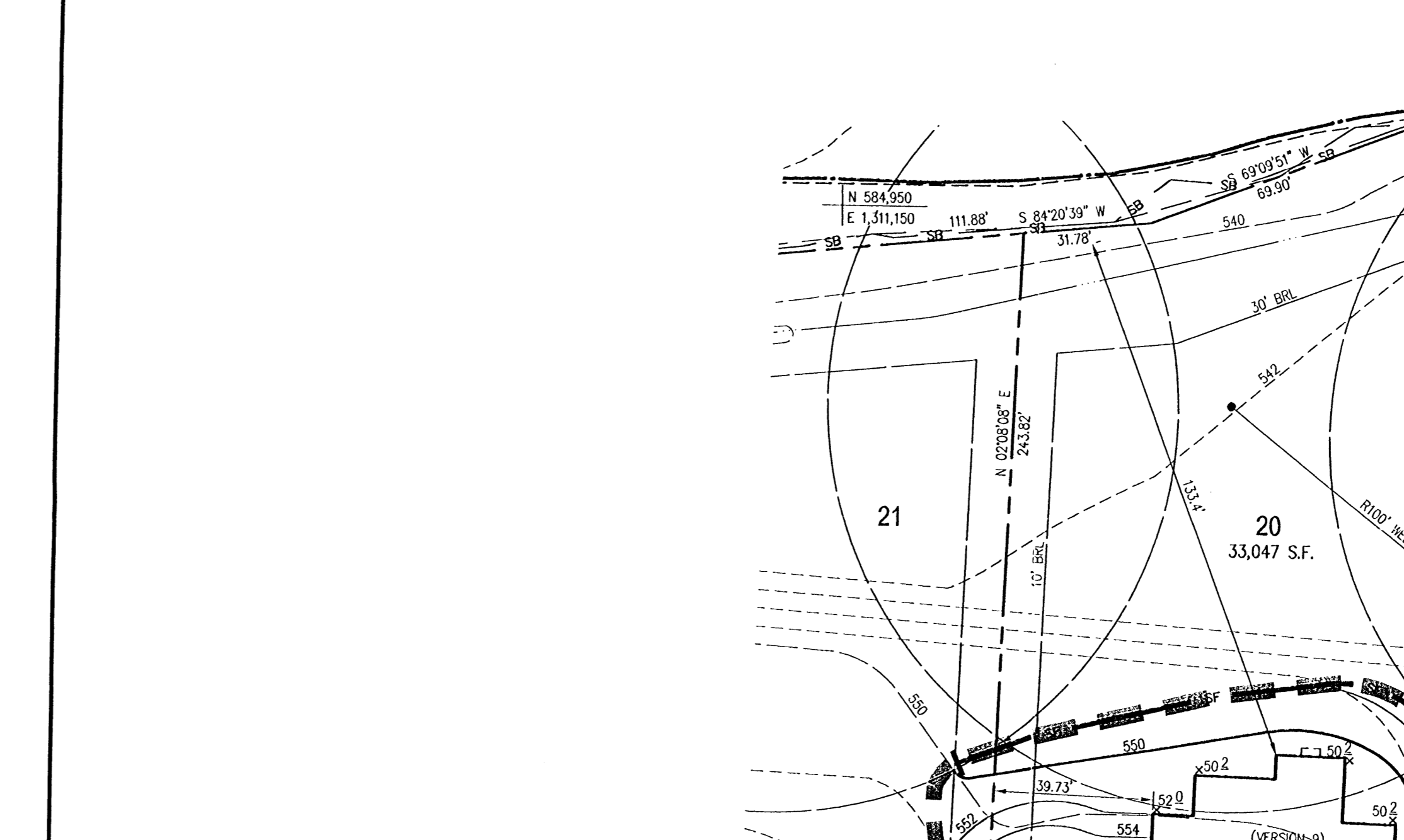
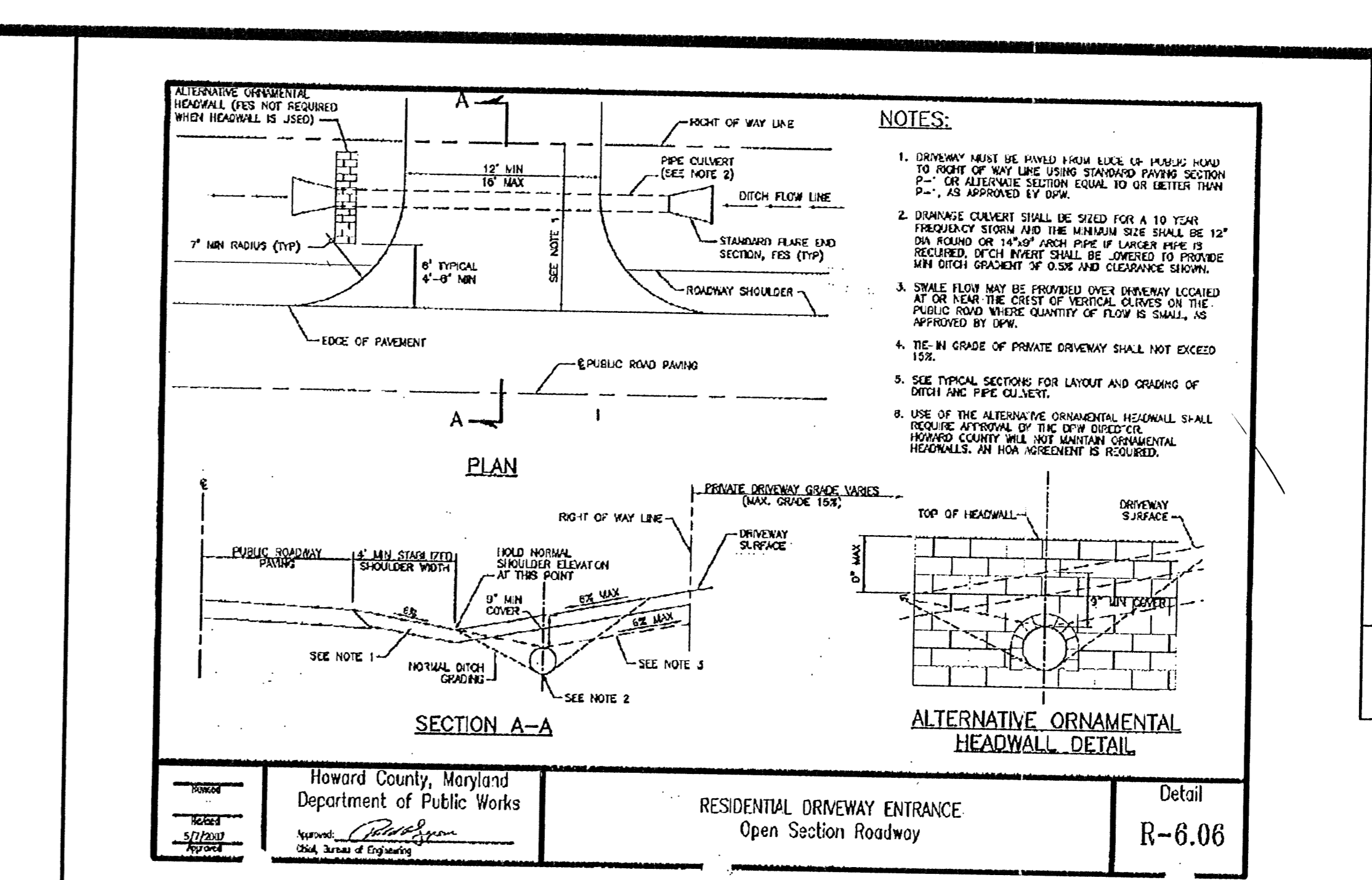
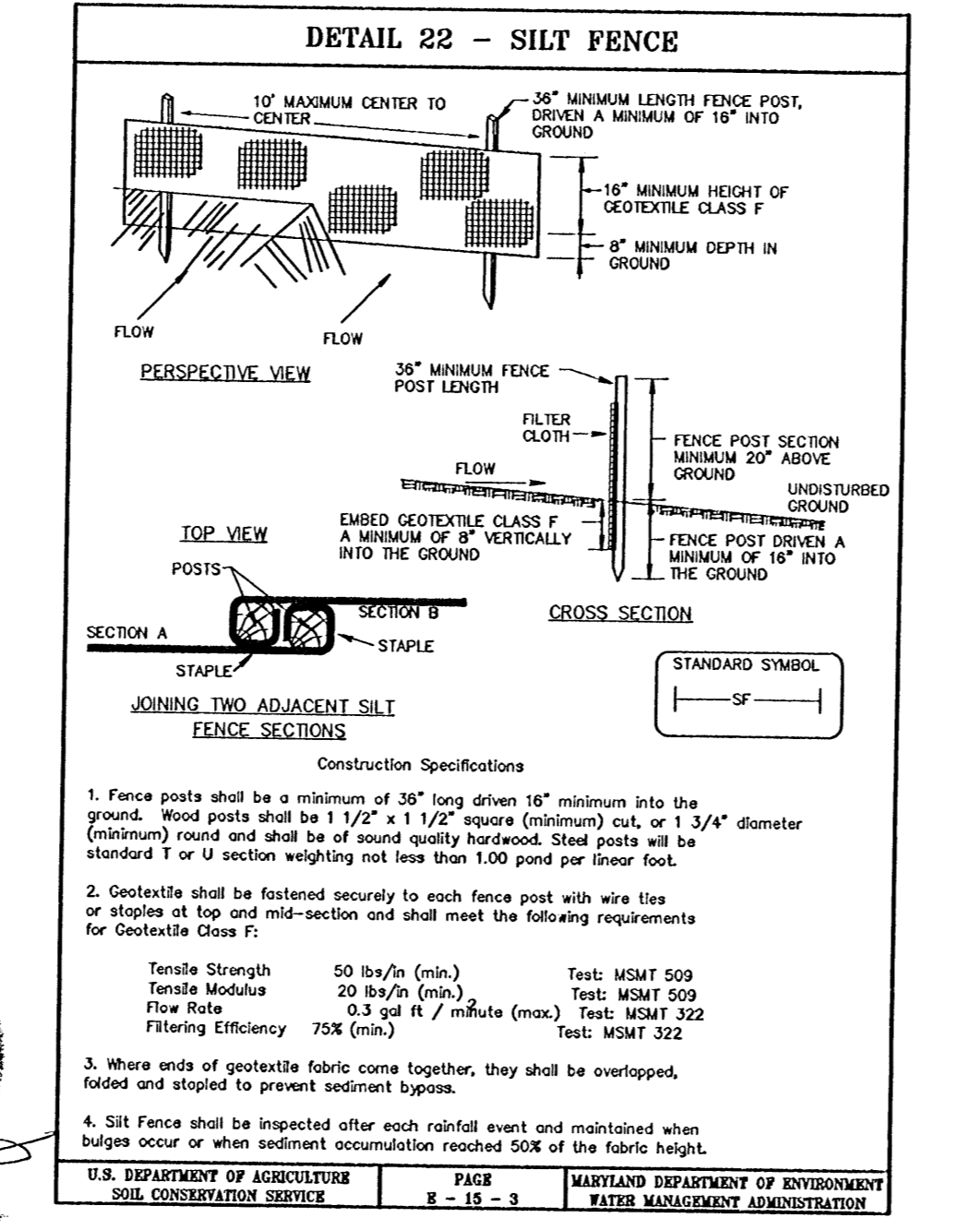
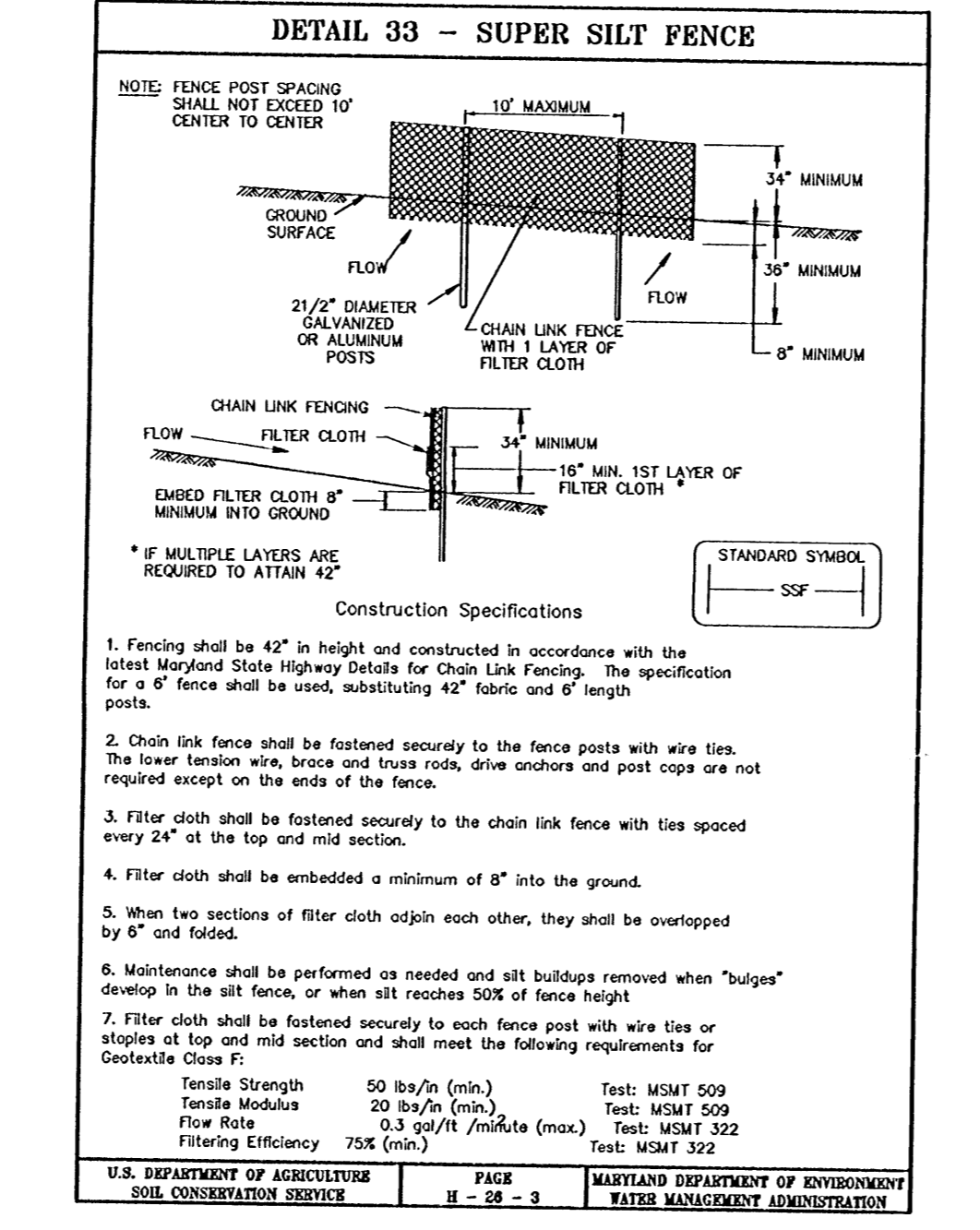
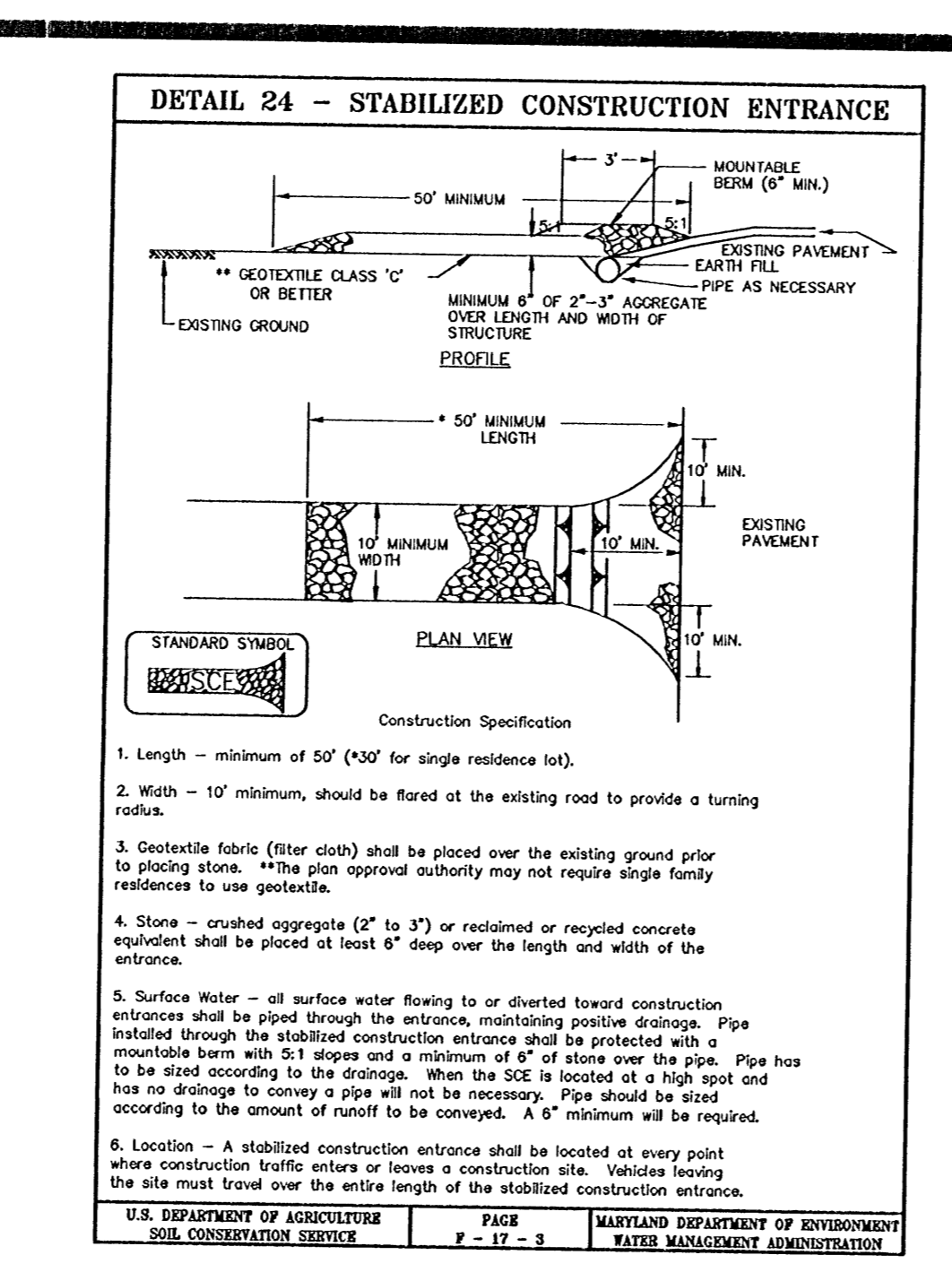
Ch... 2/15/08
 DATE

ENGINEER'S CERTIFICATE

"I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT 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."

Ch... 2/15/08
 DATE

DATE	REVISION	BY	APPR.



GP-08-60

SCALE	ZONING	G. L. W. FILE No.
1" = 30'	RR-DEO	05066
DATE	TAX MAP - GRID	SHEET
FEB., 2008	21-12, 22-1&7	1 OF 1

CONTRACT PURCHASER/BUILDER: RYAN HOMES, 6085 MARSHALLEE DRIVE, SUITE 140, ELKDRIDGE, MD 21075, 410-746-0980, CONTACT: JOHN LEWS

OWNER: MAPLE SPRINGS FARM LIMITED PARTNERSHIP, c/o MUSGROVE FARM LLC, 5300 DORSEY HALL DRIVE, SUITE 200, ELLICOTT CITY, MD 21042

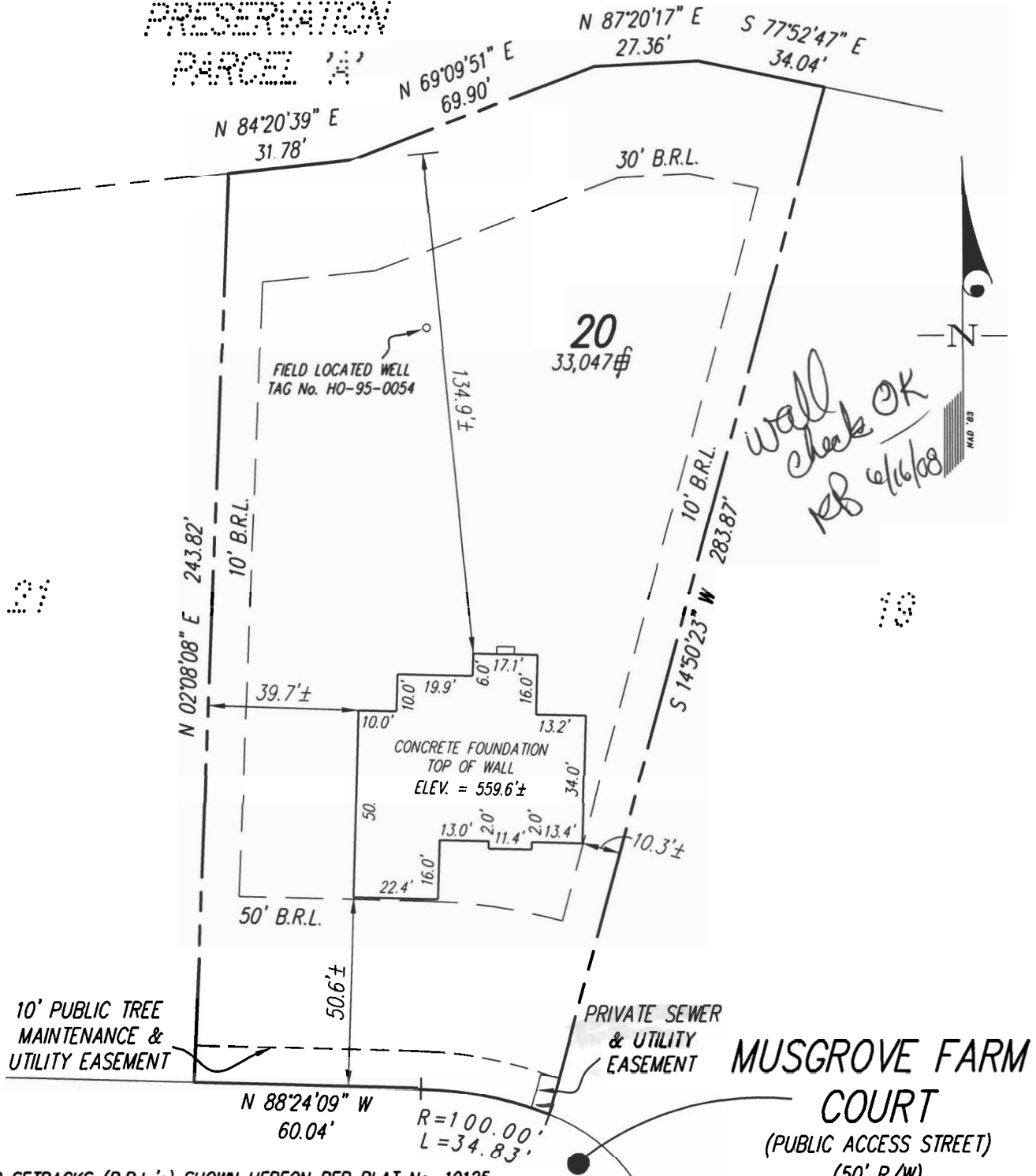
PLOT (house siting) PLAN / SEDIMENT CONTROL PLAN
 MUSGROVE FARM
 LOT 20 (14371 MUSGROVE FARM COURT)
 PLAT Nos. 19124-19126

ELECTION DISTRICT No. 4

HOWARD COUNTY, MARYLAND

THIS WALLCHECK WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE REPORT. THIS PROPERTY IS SUBJECT TO ANY AND ALL EASEMENTS, RIGHTS-OF-WAY, COVENANTS, AND RESTRICTIONS, ETC. OF RECORD, SOME OR ALL OF WHICH MAY OR MAY NOT BE SHOWN AND/OR REFERENCED HEREON. BEARINGS AND DISTANCES OF THE PROPERTY BOUNDARY LINES SHOWN HEREON ARE PER AVAILABLE RECORDS AND HAVE NOT BEEN FIELD VERIFIED. THIS IS NOT A "LOCATION DRAWING" AND IS NOT TO BE USED FOR SETTLEMENT PURPOSES.

**PART OF BUILDABLE
PRESERVATION
PARCEL 'A'**



BUILDING SETBACKS (B.R.L.'s) SHOWN HEREON PER PLAT No. 19125
SETBACK DISTANCES SHOWN HEREON AS "±" HAVE AN ACCURACY OF ±0.25' FOOT.

MUSGROVE FARM COURT
(PUBLIC ACCESS STREET)
(50' R/W)

GLW GUTSCHICK LITTLE & WEBER, P.A.

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK
BURTONSVILLE, MARYLAND 20866
TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

THE PROPERTY SHOWN HEREON LIES WITHIN ZONE C (AREA OF MINIMAL FLOODING) AS SHOWN ON THE F.E.M.A. FLOOD INSURANCE RATE MAP, COMMUNITY PANEL No. 240044 0020 B, REVISED DECEMBER 4, 1986.

REFERENCE :	PLAT No. 19125
DATE OF LATEST FIELD WORK:	04-10-08
DRAWN BY :	SJM
CHECKED BY :	
SCALE :	1" = 40'
GL.W. FILE No.	05-066

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY TO:
"RYAN HOMES".

THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF,
THE POSITION OF THE ABOVE REFERENCED BUILDING FOUNDATION
HAS BEEN ESTABLISHED BY ACCEPTED FIELD PRACTICES.

[Signature] 4/15/08
For Gutschick, Little and Weber, P.A. :
Thomas C. O'Connor, Jr., Professional Land Surveyor, No. 10954

THIS WALLCHECK IS VALID ONLY WITH AN ORIGINAL SIGNATURE AND EMBOSSED SEAL OF THE ABOVE SURVEYOR.

WALLCHECK (SPECIAL PURPOSE SURVEY)

"MUSGROVE FARM"
LOT 20
14371 MUSGROVE FARM COURT

HOWARD COUNTY, MARYLAND