

LAYOUT 3/15/07 BB INSP 4 _____
INSP 2 3/22/07 KW INSP 5 _____
INSP 3 4/9/07 BB INSP 6 _____

ISSUE DATE: 1/12/07

APPROVAL DATE: 7/18/07

PERMIT

TAX ID #03-284409

P 526186

A 520012-A

**ON-SITE SEWAGE DISPOSAL SYSTEM
HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: _____ PHONE NUMBER: _____

SUBDIVISION: Hyman Property LOT NUMBER: 1

ADDRESS: 3600 Cameron Court PROPERTY OWNER: Hamilton Reed

SEPTIC TANK CAPACITY (GALLONS): 1500 OUTLET BAFFLE FILTER REQUIRED ☐

PUMP CHAMBER CAPACITY (GALLONS): 1500 COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 5

SQUARE FEET PER BEDROOM: 180

LINEAR FEET OF TRENCH REQUIRED: 186 HOUSE SERVED BY PUBLIC WATER ☐

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 5.5 feet below original grade. 4.5 feet of stone below distribution pipe.
LOCATION:	Place the system as shown on the approved building permit plan.
NOTES:	Basement not serviced by gravity.

PLANS APPROVED: Sara Fegel Reviewed by: _____ DATE: 5/16/06

NOTES: PERMIT VOID AFTER 2 YEARS

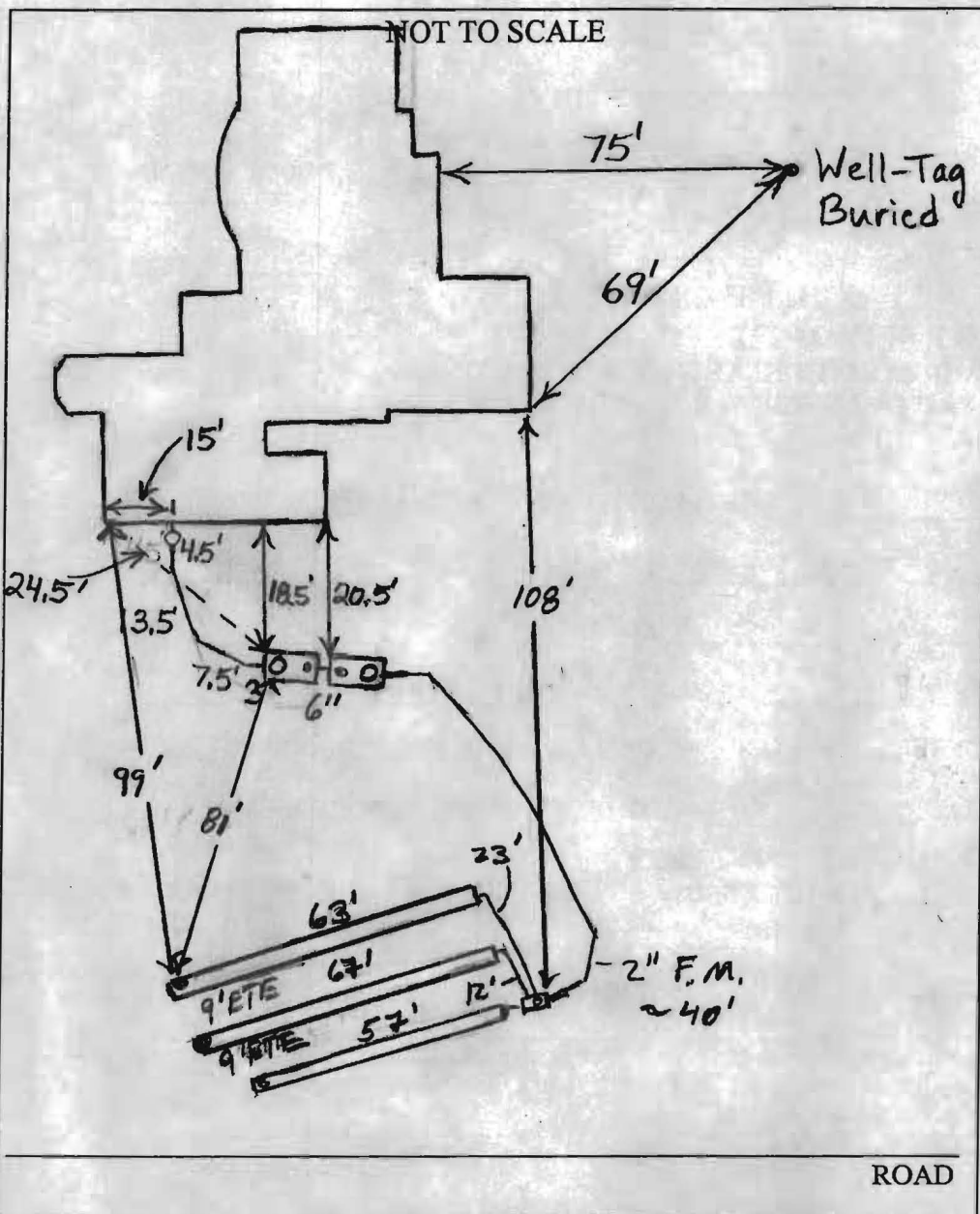
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
CALL 410-313-1771 FOR INSPECTION OF SEPTIC SYSTEM**

BUILDING PERMIT SIGNED

AND RETURNED

7/17/07 80700 2722 LP TANK (UG)



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	4.5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		1187'
ABSORPTION AREA		561 + SW
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	Yes
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	7.5'
2-Comp. BAFFLES	Yes
Babylon BAFFLE FILTER	None
Slotted MANHOLE LOC	Front
Baffle 6" PORT LOC	Rear
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	Yes
CAPACITY	1500 GAL
Single SEAM LOC	Top
Comp. TANK LID DEPTH	
Babylon BAFFLES	Inlet
Pump BAFFLE FILTER	None
MANHOLE LOC	Rear
6" PORT LOC	Front
WATERTIGHT TEST	No

PRE-CONSTRUCTION 3/15/07 Tanks set. House connection made.

INSTALLATION Install 3 trenches on contour across the top of the septic easement to acquire needed total length. Trenches will be approximately 45', 55' and 75' in length. (BB)

3/22/07 System installed and complete. Need levelers in Distribution box. OK to cover everything except box. (KW) 4/9/07 Distribution box level. (BB)

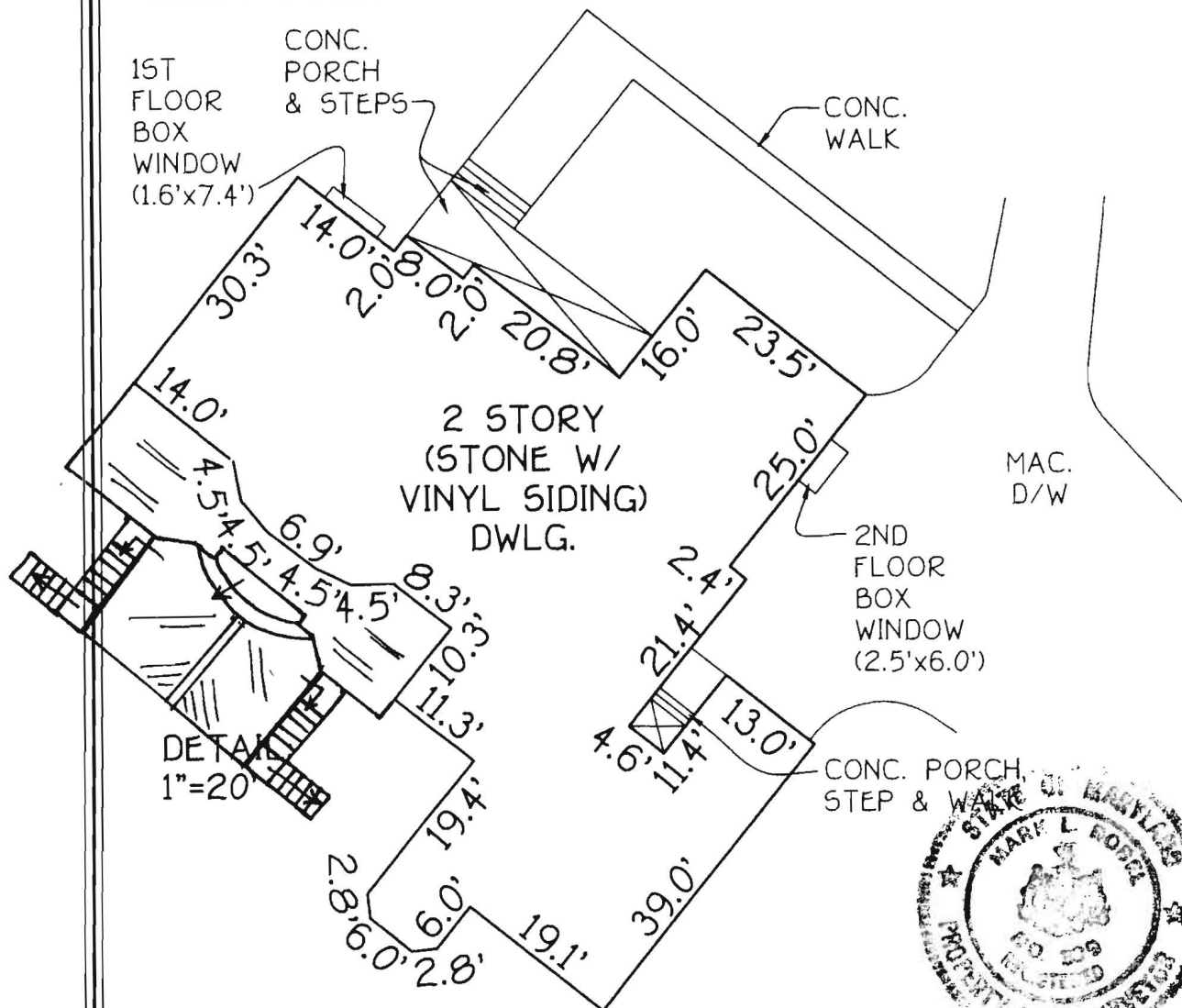
7/18/07 Pump and Alarm Working. (BB)

FINAL INSPECTOR B. Baker

DATE OF APPROVAL 7/18/2007

GENERAL NOTES:

- 1) THIS LOCATION DRAWING IS PREPARED FOR THE BENEFIT OF THE CLIENT SIGNING THE HOUSE LOCATION SURVEY APPROVAL FORM INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING OF THE PROPERTY SHOWN HEREON. UNLESS INDICATED AS BEING A BOUNDARY SURVEY, THIS LOCATION DRAWING IS NOT INTENDED FOR USE IN THE ESTABLISHMENT OF PROPERTY LINES AND IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATIONS OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS. AS A RESULT, THIS LOCATION DRAWING DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING FOR RE-FINANCING.
- 2) SUBJECT PROPERTY IS SHOWN IN ZONE C ON THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RAMP MAP OF HOWARD COUNTY, MARYLAND, COMMUNITY PANEL No. 2400440022B EFFECTIVE DEC. 4, 1986.
- 3) THE OFFSETS FROM BUILDING LINE TO PROPERTY LINE AS SHOWN ON THE PLAT HEREON ARE TO AN ACCURACY OF PLUS OR MINUS 1' (*)
- 4) NO TITLE REPORT FURNISHED. SUBJECT TO ALL EASEMENTS, RIGHTS OF WAY AND CONDITIONS OF RECORD.
- 5) THE EXISTING WELL(S) SHOWN ON THIS PLAN (IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER HO- 94 - 4142) HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC. PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.



HOUSE
D.

FOUNDATI
FINAL LO
BOUNDAR

SCALE: 1"
DATE: 07/
DRAWN B
CHECKED
PROJECT

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

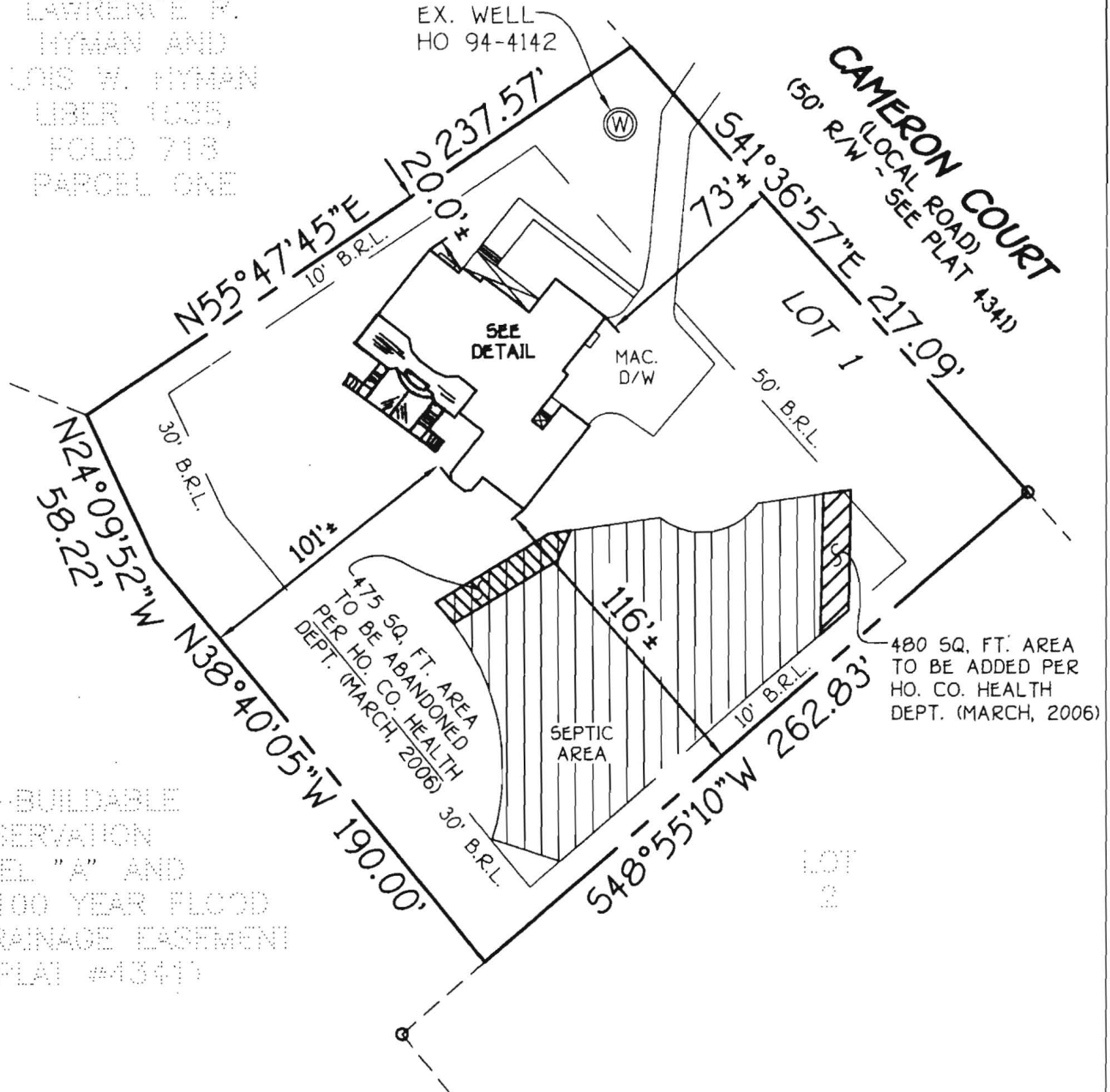
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461 - 2855

Mark L. Roper
PROFESSIONAL LAND SURVEYOR
REG. # 339
7/10/07
DATE

LAWRENCE P.
HYMAN AND
LOIS W. HYMAN
LIBER 1035,
FOLIO 713
PARCEL ONE

EX. WELL
HO 94-4142

CAMERON COURT
(LOCAL ROAD)
(50' R/W - SEE PLAT #434)



NON-BUILDABLE
PRESERVATION
PARCEL "A" AND
(EXISTING 100 YEAR FLOOD
IN & DRAINAGE EASEMENT)
(SEE PLAT #434)

**LOCATION
WING**

LOCATION: 6/29/06
W: 07/09/07
REVEY:

2
1
11R
24031

•3600 CAMERON COURT
B.R.L.= BUILDING RESTRICTION LINE
TOP OF FOUNDATION ELEV.= 386.5±

LOT 1
LOTS 1, 2 AND NON-BUILDABLE
PRESERVATION PARCEL "A"
HYMAN PROPERTY
(A RESUBDIVISION OF OPEN SPACE LOT-
PLAT ENTITLED CAMERON TRACT,
PLAT NO. 4341 AND LIBER
1535 AT FOLIO 718)
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT #17566

SEDIMENT CONTROL NOTES

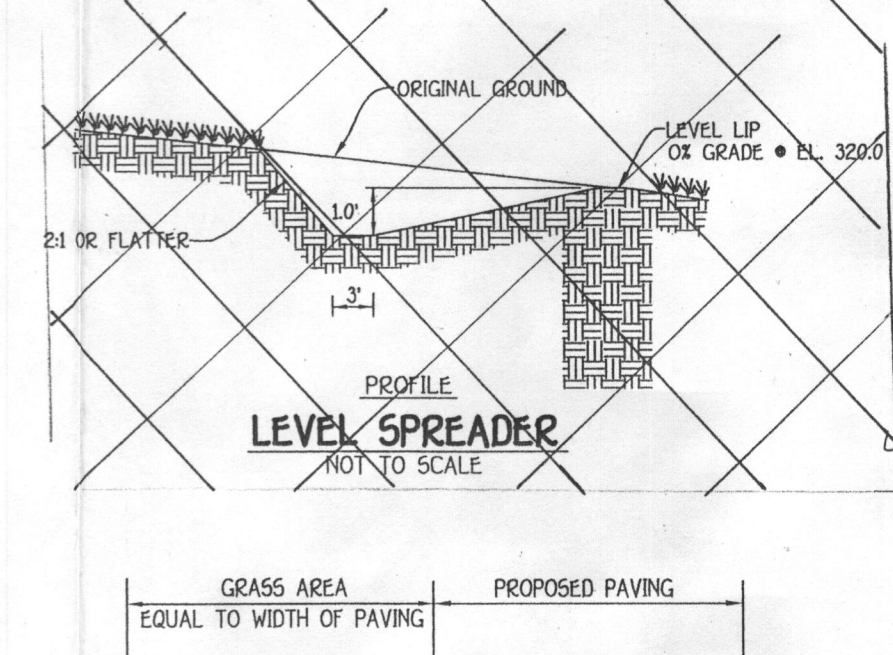
- A minimum of 48 hours notice must be given to the HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSING AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (03-1955).
- ALL VEGETATIVE AND EROSION CONTROL MEASURES SHALL BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND 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 48 HOURS OF THE DATE OF DISTURBANCE. PERMANENT STABILIZATION SHALL BE COMPLETED WITHIN 72 HOURS OF THE DATE OF DISTURBANCE FOR ALL PERMITTED CONSTRUCTION, STRUCTURES, DITCHES, PERIMETER SLOPES AND ALL SLOPES STEEPER THAN 3:1. IN 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
- ALL SEDIMENT TRAPS/DAMNS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 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. 5A), 500 LBS. PER ACRE 0-20-20 FERTILIZER (04 LBS./1,000 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/AMMONIUM FERTILIZER (04 LBS./1,000 SQ.FT.) AND 500 LBS. PER ACRE 0-15-15/1,000 SQ.FT. OF 10-20-20 FERTILIZER.
- FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 1 1/2 BAGS PER ANNUAL RYE (32 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (04 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ.FT.) OF WEEDING 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 500 LBS. PER ACRE (5 LBS./1,000 SQ.FT.) OF MULCHED ASPHALT ON FLAT ACRES ON SLOPES 0 FEET OR HIGHER. USE 340 GALLONS PER ACRE (0.34 GAL./1,000 SQ.FT.) FOR ANCHORING.
- FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 1 1/2 BAGS PER ANNUAL RYE (32 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (04 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ.FT.) OF WEEDING 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 500 LBS. PER ACRE (5 LBS./1,000 SQ.FT.) OF MULCHED ASPHALT ON FLAT ACRES ON SLOPES 0 FEET OR HIGHER. USE 340 GALLONS PER ACRE (0.34 GAL./1,000 SQ.FT.) FOR ANCHORING.
- REFER TO THE 1994 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 (02 LBS./1,000 SQ.FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (04 LBS./1,000 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/AMMONIUM FERTILIZER (04 LBS./1,000 SQ.FT.) AND 500 LBS. PER ACRE 0-15-15/1,000 SQ.FT. OF 10-20-20 FERTILIZER.
- FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 1 1/2 BAGS PER ANNUAL RYE (32 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (04 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ.FT.) OF WEEDING 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 500 LBS. PER ACRE (5 LBS./1,000 SQ.FT.) OF MULCHED ASPHALT ON FLAT ACRES ON SLOPES 0 FEET OR HIGHER. USE 340 GALLONS PER ACRE (0.34 GAL./1,000 SQ.FT.) FOR ANCHORING.
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- REFER TO THE 1994 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

TEMPORARY SEEDING NOTES

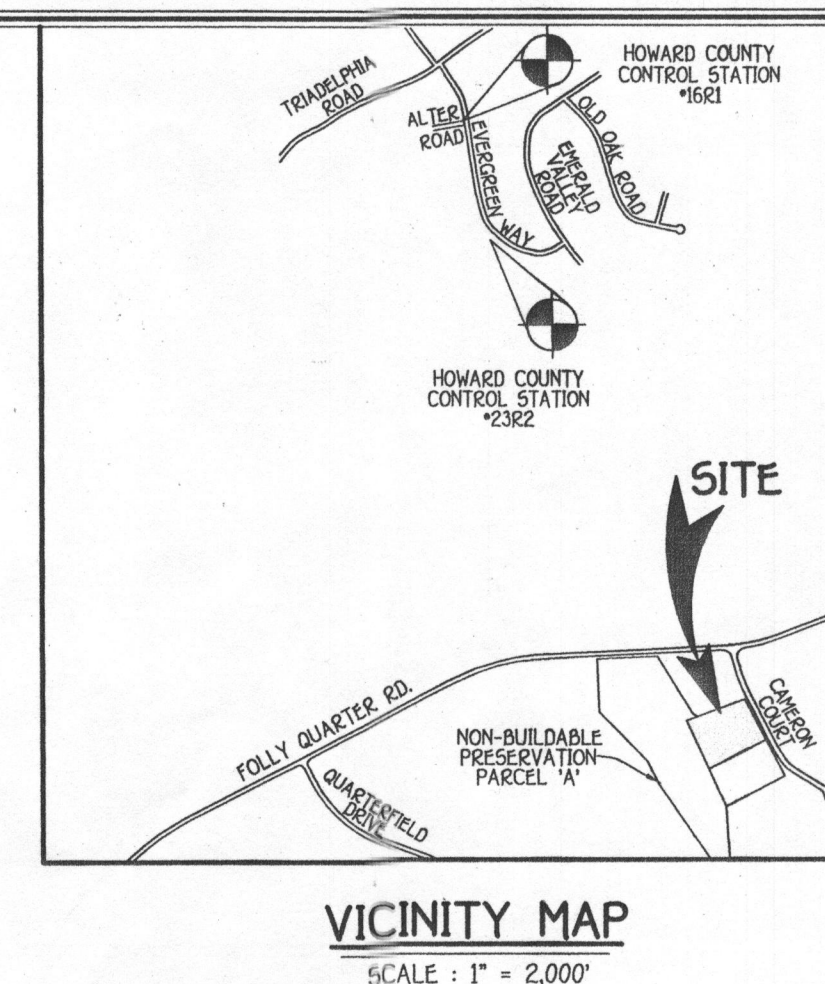
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RE-DISTURBED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
SEEDING PREPARATION:
LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.
SOIL AMENDMENTS:
APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (04 LBS./1,000 SQ.FT.)
- SEEDING:
FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH OCTOBER 15, SEED WITH 1 1/2 BAGS PER ANNUAL RYE (32 LBS./1,000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (04 LBS./1,000 SQ.FT.) KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ.FT.) OF WEEDING 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 500 LBS. PER ACRE (5 LBS./1,000 SQ.FT.) OF MULCHED ASPHALT ON FLAT ACRES ON SLOPES 0 FEET OR HIGHER. USE 340 GALLONS PER ACRE (0.34 GAL./1,000 SQ.FT.) FOR ANCHORING.
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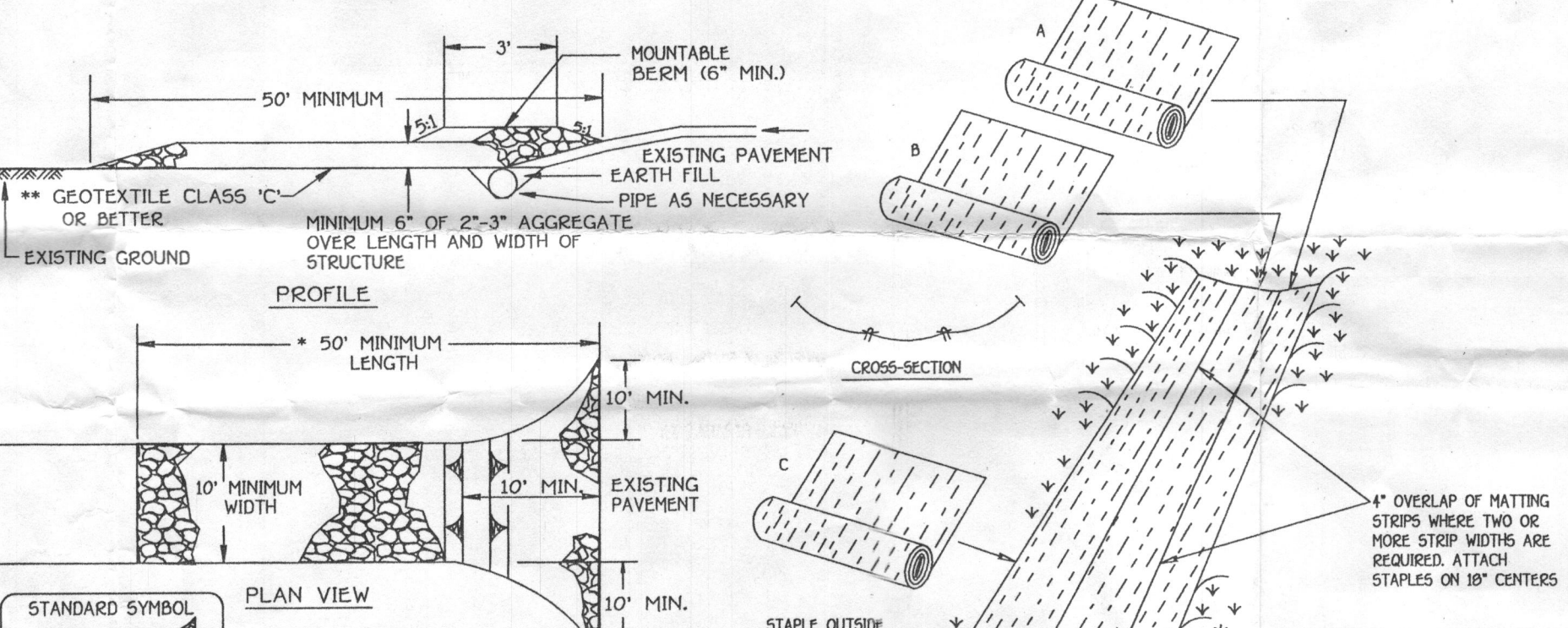
TYPICAL DRIVEWAY SECTION FOR NON-ROOFTOP DISCONNECT CREDIT

GENERAL NOTES

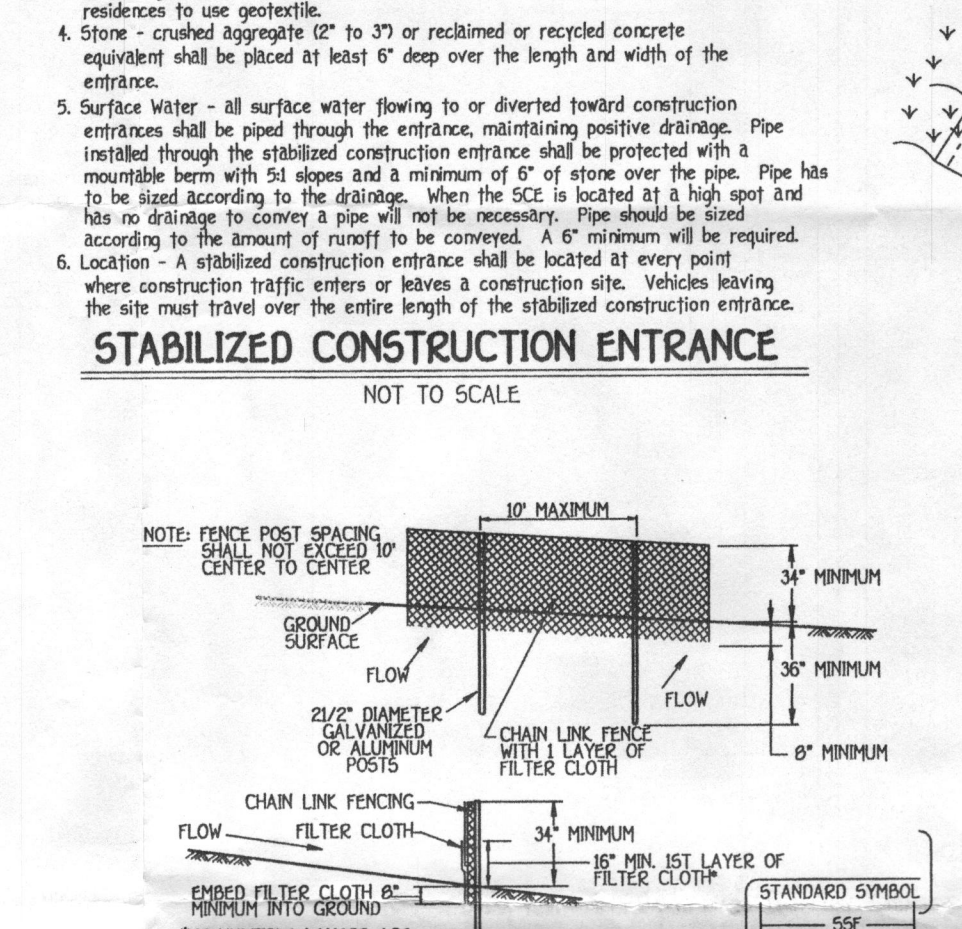
- SUBJECT PROPERTY ZONED: RC-DEO
- TOTAL AREA OF PROPERTY: 1.360 AC.
- FIELD RUN TOPOGRAPHIC SURVEY DONE BY FISHER, COLLINS & CARTER, INC.
- LOCATION AND LENGTH OF TRENCH WILL BE DETERMINED AT TIME OF PERMIT ISSUANCE.
- EXISTING WELL SHOWN ON THIS PLAN WITH THE ATTACHED WELL TAG NUMBER HO 94-H43 HAS BEEN FIELD LOCATED BY FISHER, COLLINS AND CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
- STORMWATER MANAGEMENT 5 PROVIDED BY DISCONNECTING THE ROOFTOP RUNOFF AND THE REAR PORTION OF THE DRIVEWAY VIA THE USE OF A LEVEL SPREADER LOCATED IN THE REAR OF THE HOUSE. THE REMAINDER OF THE DRIVEWAY RUNOFF WILL BE DISCONNECTED BY THE USE OF A PARALLEL LEVEL AREA ADJACENT TO THE DRIVEWAY.



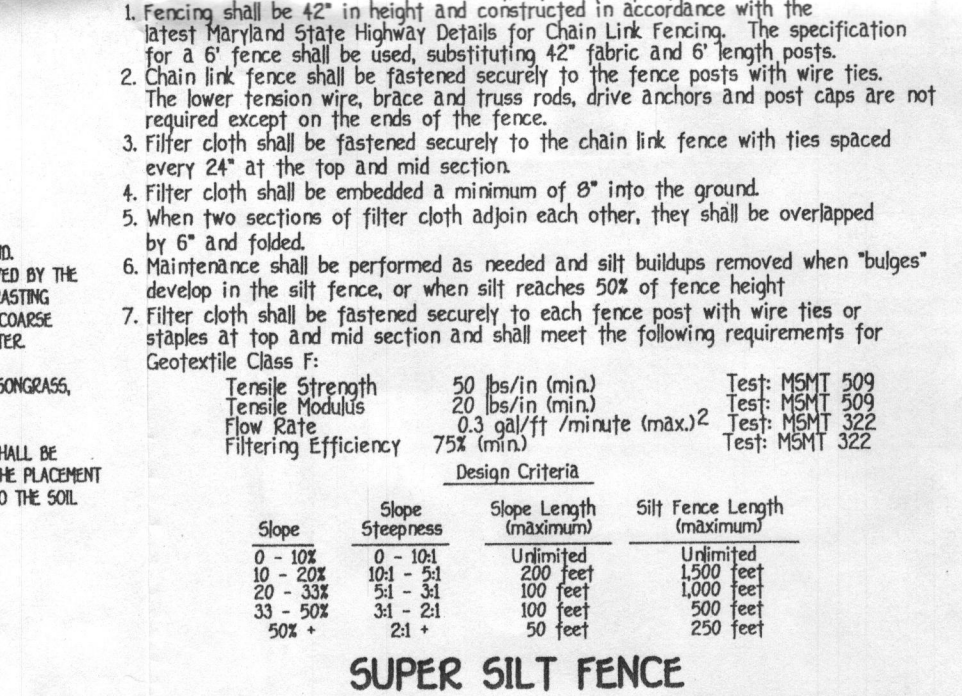
VICINITY MAP
SCALE: 1" = 2,000'



STABILIZED CONSTRUCTION ENTRANCE



EROSION CONTROL MATTING



SUPER SILT FENCE

SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT.
- INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN.
- CLEAR AND GRUB TO LIMITS OF DISTURBANCE AND MASS GRADE TO SUN-BASE.
- INSTALL TEMPORARY SEEDING.
- CONSTRUCT BUILDINGS.
- FINE GRADE SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE.
- REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMISSION IS GRANTED BY E/S CONTROL INSPECTOR.

LEE RESIDENCE
SCALE: 1" = 30'

NOTE

THE EXISTING WELL SHOWN ON THIS PLAN, TAG NO. HO 94-H43 HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.

OWNER/BUILDER/DEVELOPER

HAMILTON REED
8000 MAIN STREET
ELLCOTT CITY, MARYLAND 21043
410-480-9105

REVISION: 4-28-06 / 5-16-06
1. Revise septic tank & pump tank location and show correct invert elevations per Health Dept. comments.

DEVELOPER'S CERTIFICATE

"I/WE CERTIFY THAT ALL DEVELOPMENT AND 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 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 HOWARD SOIL CONSERVATION DISTRICT."

Signature of Developer: Stephen F. Loney
Steve Loney
DATE: 4-6-06

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: Earl D. Collins
Earl D. Collins
DATE: 4-6-06

SITE DEVELOPMENT & EROSION CONTROL PLAN

3604 CAMERON COURT
HYMAN PROPERTY
LOT 1

ZONED RC-DEO
TAX MAP NO: 23 PARCEL NO: 29 GRID NO: 9
THIRD ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 30' DATE: MARCH, 2006

GP 06-84

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
+	SPOT ELEVATION
---	EROSION CONTROL MATTING
---	SUPER SILT FENCE
---	PROPOSED WALKOUT
---	LIMITS OF DISTURBANCE

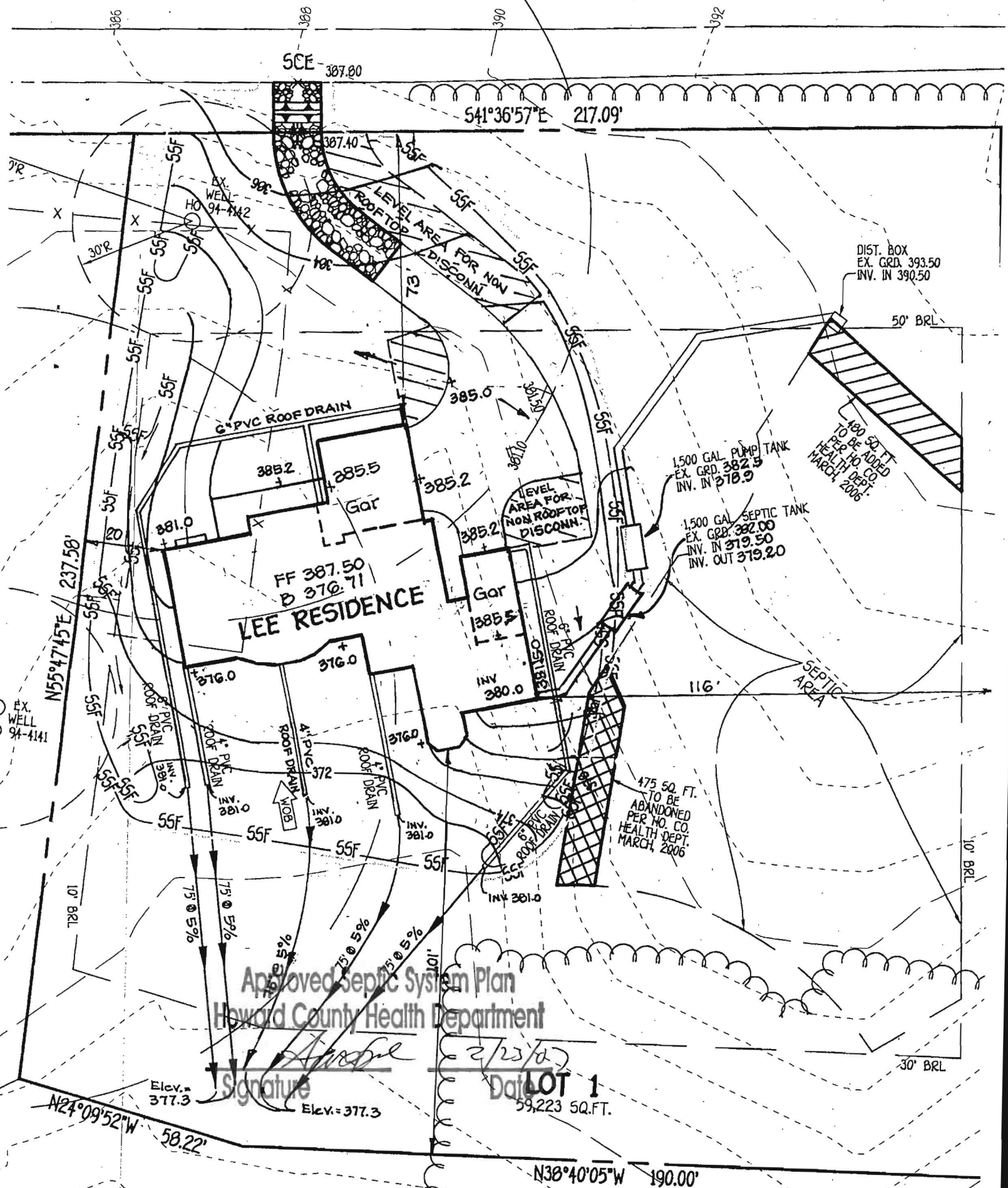
FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL FREE
ELLCOTT CITY, MARYLAND 21043
(410) 481 - 2955

THIS DEVELOPMENT IS APPROVED FOR SOIL, EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED: John D. White
HOWARD SOIL CONSERVATION DISTRICT
DATE: 4/7/06

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
Signature of Reviewer: Jim M...
S.D.A. NATURAL RESOURCES CONSERVATION SERVICE
DATE: 4/7/06

CAMERON COURT

(LOCAL ROAD)



Approved Septic System Plan
Howard County Health Department

Signature

2/23/07
LOT 1
59,223 SQ. FT.

OPEN SPACE
CAMERON TRACT
PLAT NO. 4341

REVISED

ate: 2/14/07

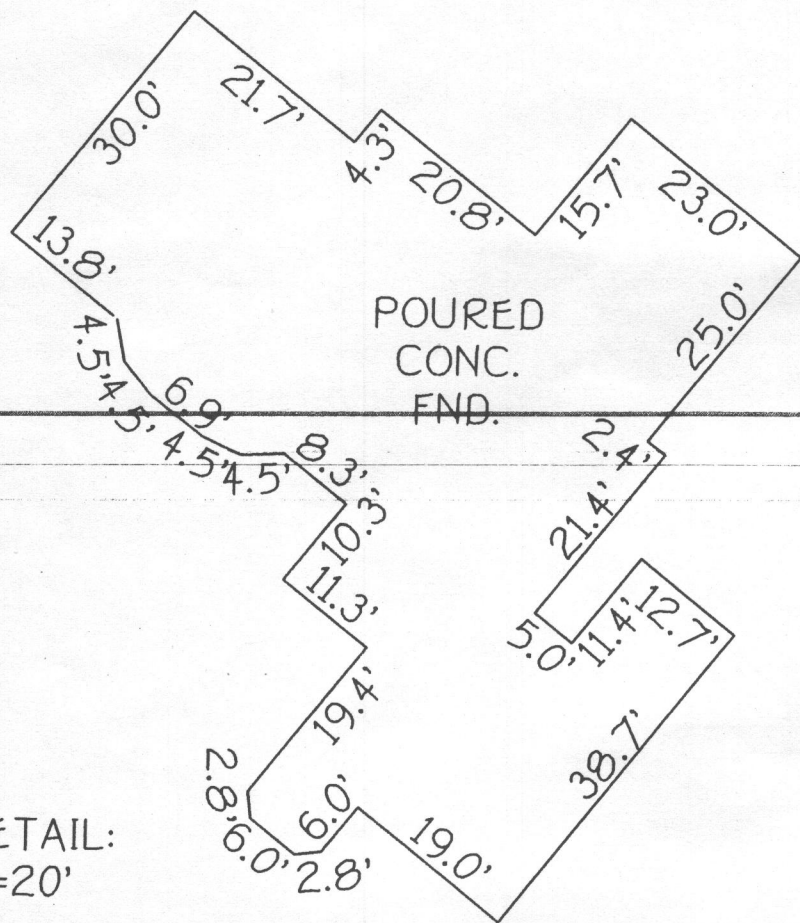
omments: B00159031

600 Cameron St.

NON-BUILDABLE
PRESERVATION PARCEL 'A'
LIVABLE BODIED IN

GENERAL NOTES:

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DETAIL:
1"=20'

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

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

**HOUSE LOCATION
DRAWING**

FOUNDATION LOCATION: 6/29/06
FINAL LOCATION: _____
BOUNDARY SURVEY: _____

SCALE: 1"=60'

DATE: 06/30/06

DRAWN BY: VLJ

CHECKED BY: MLR
PROJECT No.: 04031

*3600 CAMERON COURT
B.R.L.= BUILDING RESTRICTION LINE
TOP OF FOUNDATION ELEV.= 386.5±



LOT 1
LOTS 1, 2 AND NON-BUILDABLE
PRESERVATION PARCEL "A"
HYMAN PROPERTY
(A RESUBDIVISION OF OPEN SPACE LOT-
PLAT ENTITLED CAMERON TRACT,
PLAT NO. 4341 AND LIBER
1535 AT FOLIO 718)
THIRD ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLAT *17566

SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, EROSION CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION (03-1995).
- 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 14 DAYS OF THE DATE OF DISTURBANCE. TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 DAYS OF THE DATE OF DISTURBANCE. TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN 14 DAYS OF THE DATE OF DISTURBANCE.
- ALL SEDIMENT CONTROL STRUCTURES SHALL BE MAINTAINED IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMITS FOR THEIR REMOVAL HAVE BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL DIVISION.
- ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING, CONSTRUCTION, OR OTHER ACTS MUST BE REPAIRED OR REPLACED AT THE SAME DATE OF DISTURBANCE.
- ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL DIVISION, INSPECTOR.
- ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUIRED PRIOR TO 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.
- SEQUENCE OF CONSTRUCTION
 - OBTAIN GRADING PERMIT.
 - INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN, (1 day)
 - PERFORM NECESSARY GRADING AND STABILIZE THE SITE. (2 days)
 - CONSTRUCT DWELLING ON SITE. (60 days)
 - AFTER THE SITE IS STABILIZED AND PERMISSION IS GRANTED FROM THE SEDIMENT CONTROL DIVISION, 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.

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

SOIL AMENDMENTS: APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (4 LBS./1,000 SQ. FT.)

SEEDING: FOR THE PERIODS MARCH 1 THROUGH APRIL 30, AND AUGUST 1 THROUGH NOVEMBER 15, SEED WITH 1 1/2 BU/SF. PER ANNUAL RYE 62 LBS./1,000 SQ. FT. FOR THE PERIOD MAY 1 THROUGH AUGUST 14, SEED WITH 3 LBS./ACRE OF WHEEDING LOVEGRASS (47 LBS./1,000 SQ. FT.) FOR THE PERIOD NOVEMBER 16 THROUGH 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 500.

MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1,000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS ON SLOPES 6 FEET OR HIGHER, OR 340 GALLONS PER ACRE (8.5 GAL./1,000 SQ. FT.) FOR ANCHORING.

PERMANENT SEEDING NOTES: ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS: SOIL PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1,000 SQ. FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (4 LBS./1,000 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./1,000 SQ. FT.) AND 500 LBS. PER ACRE 0-15 LBS./1,000 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./1,000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (1.4 LBS./1,000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ. FT.) OF WHEEDING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROJECT SITE BY OPTION (2) - TWO TONS PER ACRE OF WELL-ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR OPTION (3) - USE 500. 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.

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MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS. * FOR PUBLIC PONDS SUBSTITUTE CHEMUNG 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.

TOPSOIL SPECIFICATIONS - SOIL TO BE USED AS TOPSOIL MUST MEET THE FOLLOWING: TOPSOIL SHALL BE A LOAM, SANDY LOAM, CLAY LOAM, SILTY LOAM, SANDY CLAY LOAM, LOAMY SAND. OTHER SOILS MAY BE USED IF RECOMMENDED BY AN AGRICULTURAL OR SOIL SCIENTIST AND APPROVED BY THE APPROPRIATE AUTHORITY. REGARDLESS, TOPSOIL SHALL NOT BE A MIXTURE OF CONTRASTING TEXTURE SUBSOILS AND SHALL CONTAIN LESS THAN 5% BY VOLUME OF CORNERS, STONES, SLUG CORNERS, FRAGMENTS, GRAVEL, STEEL, RUBBER, TRASH OR OTHER MATERIALS LARGER THAN 1/4" IN DIAMETER.

TOPSOIL MUST BE FREE OF PLANTS OR PLANT PARTS SUCH AS BRASSICA GRASS, QUACKGRASS, JOHNSONGRASS, WHEEDING LOVEGRASS, RYEGRASS, OR OTHERS AS SPECIFIED.

WHERE THE TOPSOIL IS EITHER HEAVY ACIDIC OR COMPOSED OF HEAVY CLAYS, GROUND LIMESTONE SHALL BE SPREAD AT THE RATE OF 4-8 TONS/ACRE (200-400 POUNDS PER 1,000 SQUARE FEET) PRIOR TO THE PLACEMENT OF TOPSOIL. LIME SHALL BE DISTRIBUTED UNIFORMLY OVER THE DISTURBED AREAS AND WORKED INTO THE SOIL IN CONJUNCTION WITH TILLAGE OPERATIONS AS DESCRIBED IN THE FOLLOWING PROCEDURES.

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---	PROPOSED CONTOUR 2' INTERVAL
+	SPOT ELEVATION
---	EROSION CONTROL MATTING
---	SUPER SILT FENCE
---	PROPOSED WALKOUT
---	LIMITS OF DISTURBANCE

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLCOTT CITY, MARYLAND 21042
410-461-2292

PERMANENT SEEDING NOTES

ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS: SOIL PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.

SOIL AMENDMENTS: APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1,000 SQ. FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (4 LBS./1,000 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./1,000 SQ. FT.) AND 500 LBS. PER ACRE 0-15 LBS./1,000 SQ. FT. OF 10-20-20 FERTILIZER.

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MAINTENANCE: INSPECT ALL SEEDING AREAS AND MAKE NEEDED REPAIRS, REPLACEMENTS AND RESEEDINGS. * FOR PUBLIC PONDS SUBSTITUTE CHEMUNG 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.

CONSTRUCTION SPECIFICATION: 1. Length - minimum of 50' x 30' for single residence lots. 2. Width - 10' minimum, should be placed at the existing road to provide a turning radius. 3. Geotextile fabric (filter cloth) shall be placed over the existing ground prior to placing stone. *The fabric approval authority may not require single family residences to use geotextile. 4. Stone - crushed aggregate 6" to 3/4" or reclaimed or recycled concrete equivalent shall be placed at least 6" deep over the length and width of the entrance. 5. Surface Water - all surface water flowing to or diverted toward construction entrance shall be piped through the entrance, maintaining positive drainage. The installed through the stabilized construction entrance shall be protected with a mounable berm with 54 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 rainfall to be conveyed. 6. 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: NOT TO SCALE

CONSTRUCTION SPECIFICATIONS: 1. Fencing shall be 42" in height and constructed in accordance with the latest Maryland State Highway Details for Chain Link Fencing. The specification for a 6" fence shall be used, substituting 42" fabric and 6" steel posts. 2. Chain link fence shall be fastened securely to the fence posts with wire ties. The lower tension wire, brace and frame rods, drive anchors and post caps are not required except on the ends of the fence. 3. Filter cloth shall be fastened securely to the chain link fence with ties placed every 24" at the top and mid section. 4. Filter cloth shall be embedded a minimum of 8" into the ground. 5. When two sections of filter cloth adjoin each other, they shall be overlapped by 6" and folded. 6. Maintenance shall be performed as needed and silt buildings removed when "bulges" develop in the silt fence, or when silt reaches 50% of fence height. 7. Filter cloth 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: HMT 500 Tensile Modulus 20 lbs/in (min) Test: HMT 500 Flow Rate 0.3 gal/ft/minute (max)2 Test: HMT 322 Filtering Efficiency 75% (min)

DESIGN CRITERIA: Slope 0 - 10% Slope Length Unlimited Silt Fence Length Unlimited Slope 10 - 20% Slope Length 100 - 200 feet Silt Fence Length 100 - 200 feet Slope 20 - 30% Slope Length 50 - 100 feet Silt Fence Length 50 - 100 feet Slope 30 - 50% Slope Length 25 - 50 feet Silt Fence Length 25 - 50 feet

SEQUENCE OF CONSTRUCTION: 1. OBTAIN GRADING PERMIT. 1 DAY 2. INSTALL SEDIMENT AND EROSION CONTROL DEVICES AS SHOWN ON PLAN. 1 DAY 3. CLEAR AND GRAD TO LIMITS OF DISTURBANCE AND MASS GRADE TO SUB-BASE. 1 DAY 4. INSTALL TEMPORARY SEEDING. 1 DAY 5. CONSTRUCT BUILDINGS. 2 MONTHS 6. FINE GRADE SITE AND INSTALL PERMANENT SEEDING AND LANDSCAPE. 1 DAY 7. REMOVE SEDIMENT CONTROL DEVICES AS UPLAND AREAS ARE STABILIZED AND PERMISSION IS GRANTED BY E/S CONTROL INSPECTOR. 2 DAYS

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT. APPROVED: *John R. White* 4/7/06
HOWARD COUNTY CONSERVATION DISTRICT DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS. REVIEWED BY: *Jim Muehlen* 4/7/06
SUBJ: NATURAL RESOURCES CONSERVATION SERVICE DATE

TEMPORARY SEEDING NOTES

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

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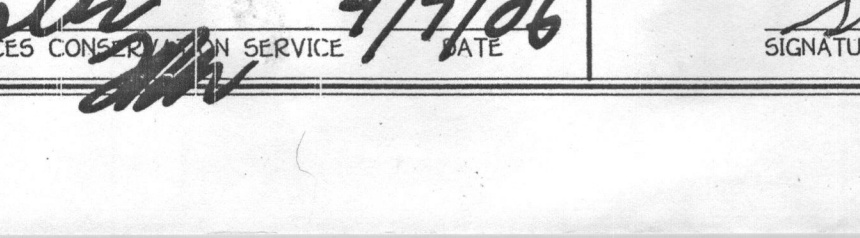
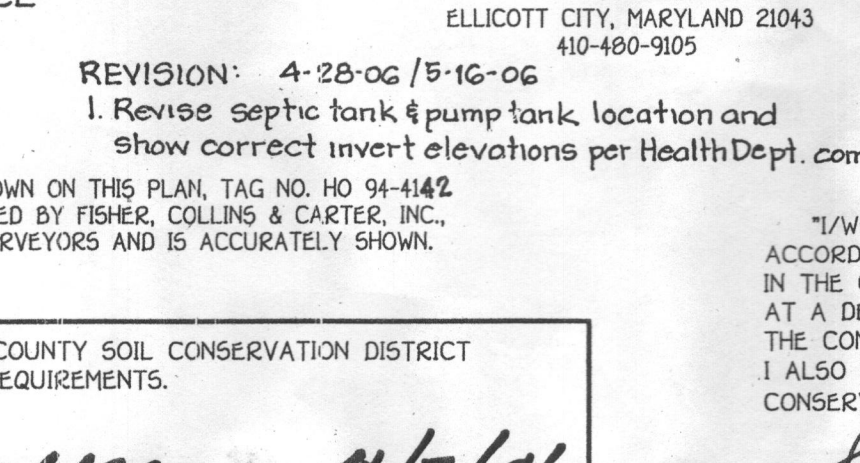
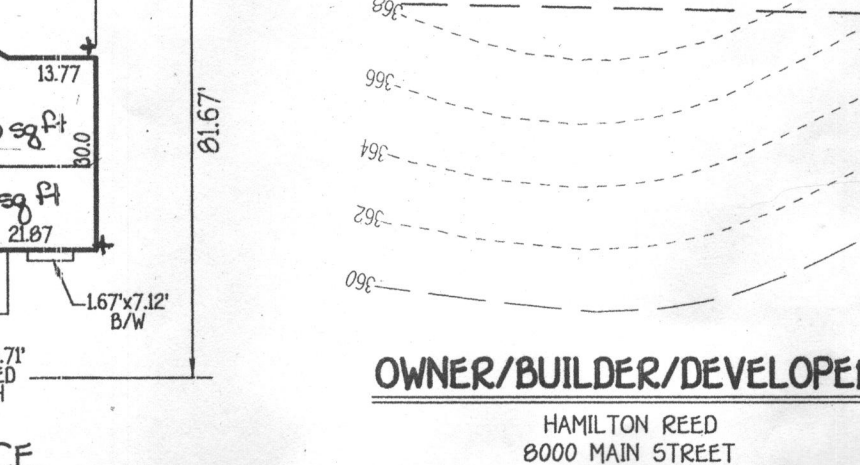
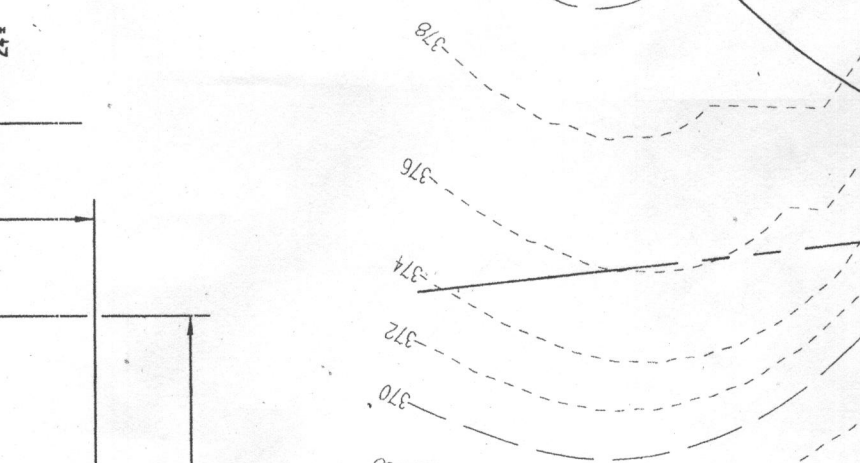
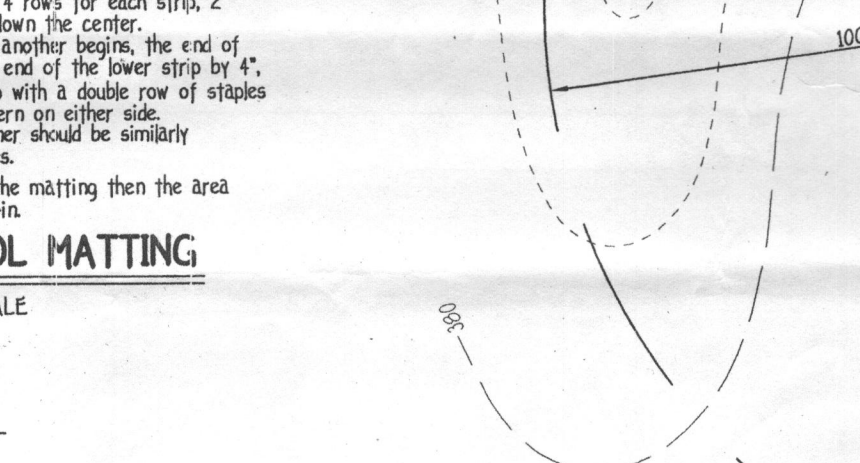
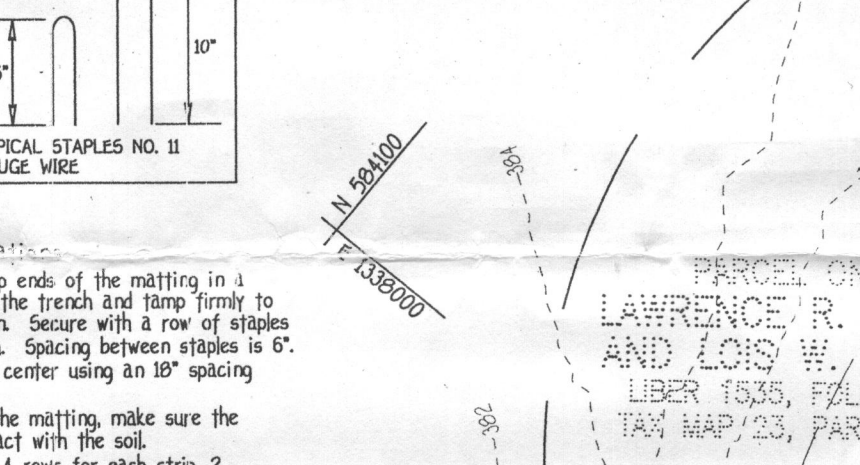
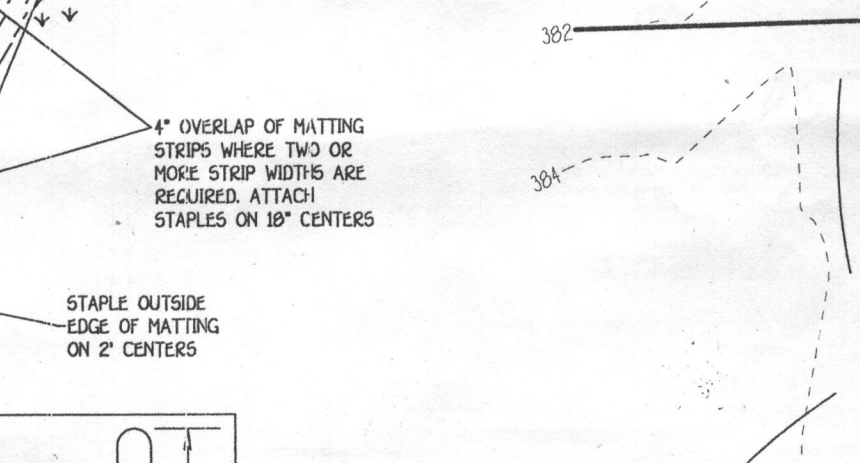
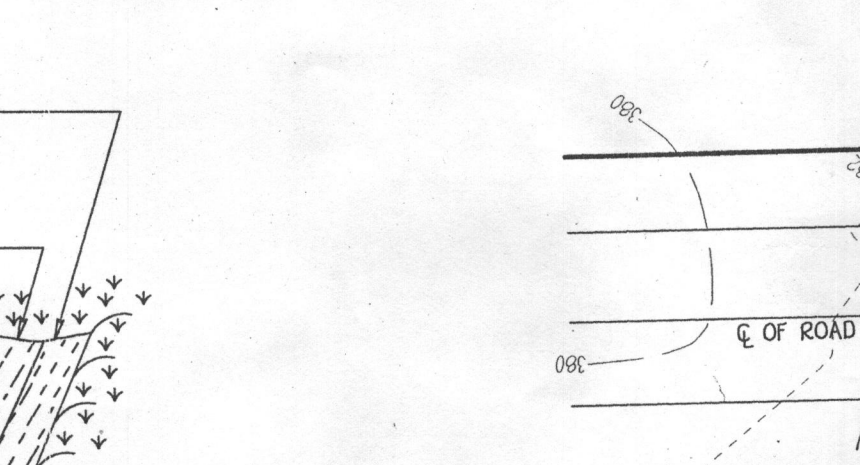
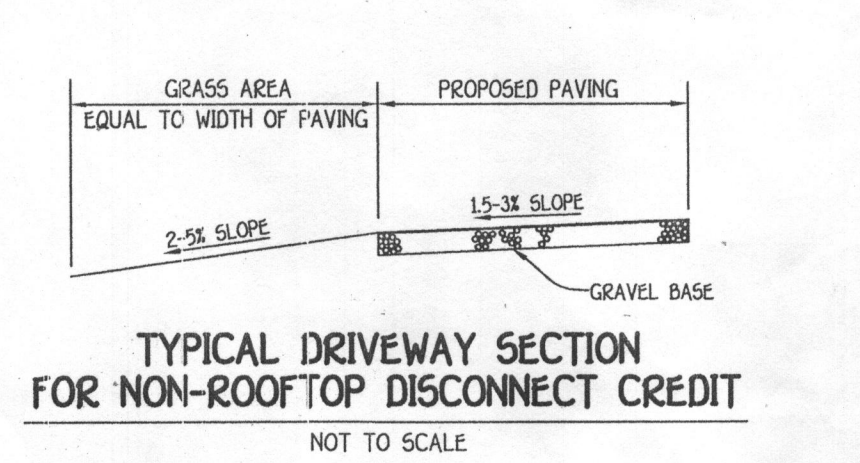
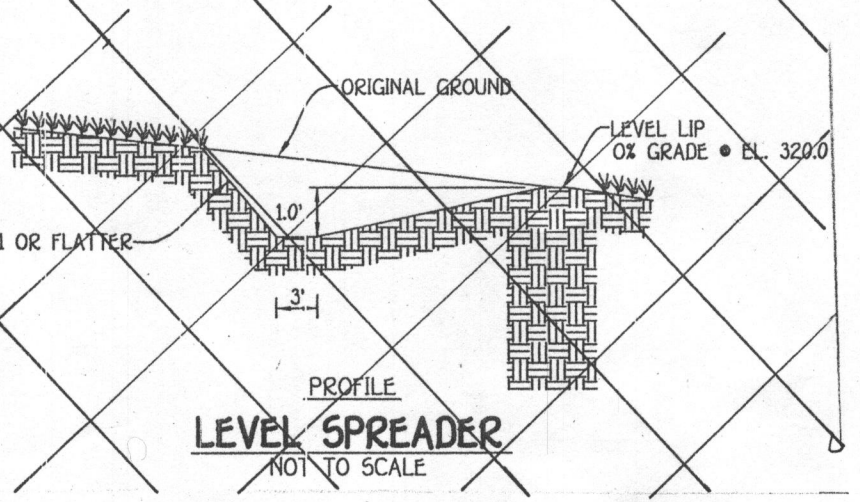
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HOWARD COUNTY CONSERVATION DISTRICT DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS. REVIEWED BY: *Jim Muehlen* 4/7/06
SUBJ: NATURAL RESOURCES CONSERVATION SERVICE DATE



GENERAL NOTES

- SUBJECT PROPERTY ZONED: RC-DEO
- TOTAL AREA OF PROPERTY: 1.360 AC.
- FIELD RUN TOPOGRAPHIC SURVEY DONE BY FISHER, COLLINS & CARTER, INC.
- LOCATION AND LENGTH OF TRENCH WILL BE DETERMINED AT TIME OF PERMIT ISSUANCE.
- EXISTING WELL SHOWN ON THIS PLAN WITH THE ATTACHED WELL TAG NUMBER NO. 94-4143 HAS BEEN FIELD LOCATED BY FISHER, COLLINS & CARTER, INC., PROFESSIONAL LAND SURVEYORS AND IS ACCURATELY SHOWN.
- STORMWATER MANAGEMENT IS PROVIDED BY DISCONNECTING THE ROOFTOP RUNOFF AND THE REAR PORTION OF THE DRIVEWAY VIA THE USE OF A LEVEL SPREADER LOCATED IN THE REAR OF THE HOUSE. THE REMAINDER OF THE DRIVEWAY RUNOFF WILL BE DISCONNECTED BY THE USE OF A PARALLEL LEVEL AREA ADJACENT TO THE DRIVEWAY.

REFER TO THE 1980 MARYLAND STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

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MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS./1,000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING 200 GALLONS PER ACRE (5 GAL./1,000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS ON SLOPES 6 FEET OR HIGHER, OR 340 GALLONS PER ACRE (8.5 GAL./1,000 SQ. FT.) FOR ANCHORING.

PERMANENT SEEDING NOTES: ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS: SOIL PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY BAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.

SOIL AMENDMENTS: APPLY TWO TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS./1,000 SQ. FT.) AND 600 LBS. PER ACRE 0-20-20 FERTILIZER (4 LBS./1,000 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./1,000 SQ. FT.) AND 500 LBS. PER ACRE 0-15 LBS./1,000 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./1,000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THROUGH JULY 31, SEED WITH 60 LBS./ACRE (1.4 LBS./1,000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE AND 2 LBS. PER ACRE (0.05 LBS./1,000 SQ. FT.) OF WHEEDING LOVEGRASS. DURING THE PERIOD OF OCTOBER 16 THROUGH FEBRUARY 28, PROJECT SITE BY OPTION (2) - TWO TONS PER ACRE OF WELL-ANCHORED STRAW MULCH AND SEED AS SOON AS POSSIBLE IN THE SPRING, OR OPTION (3) - USE 500. 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.

