

LAYOUT 7/22/10 INSP 4 \_\_\_\_\_  
 INSP 2 7/29/10 INSP 5 \_\_\_\_\_  
 INSP 3 7/30/10 INSP 6 \_\_\_\_\_

ISSUE DATE: 7/12/10  
 APPROVAL DATE: 7/30/10

# PERMIT

P 533321  
 A 517904

Tax ID # 04370937

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

Hatfields IS PERMITTED TO INSTALL  ALTER

ADDRESS: \_\_\_\_\_ PHONE NUMBER: 301-854-6172

SUBDIVISION: Clarks Meadow LOT NUMBER: 13

ADDRESS: 3919 Clarks Meadow Drive PROPERTY OWNER: Douglas Homes

SEPTIC TANK CAPACITY (GALLONS): 2000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 5 APPLICATION RATE: TBD

SQUARE FOOTAGE OF HOUSE: +3500  
*2' wide, Inlet @ 4.5'-5.5'*

LINEAR FEET OF TRENCH REQUIRED: TBD ~~125~~ LF  
*Bottom @ 9'*

TRENCHES:	Trenches to be <u>2</u> feet wide. Inlet <u>2</u> feet below original grade. Bottom maximum depth <u>9</u> feet below original grade. Effective area begins at <u>2</u> feet below original grade with <u>2</u> feet of stone below distribution pipe.
LOCATION:	SEE ADDITIONAL NOTES BELOW S.T. location keep 20' from house. D box may be set as shown or specified by Sanitarian. <i>2x40', 1x45'</i>
NOTES:	Perc Test hole/s need to be dug for system design. Insufficient perc data 12/6/02 <i>Inlet on top trenches</i>

PLANS APPROVED: Kevin Wolf DATE: 4/22/10

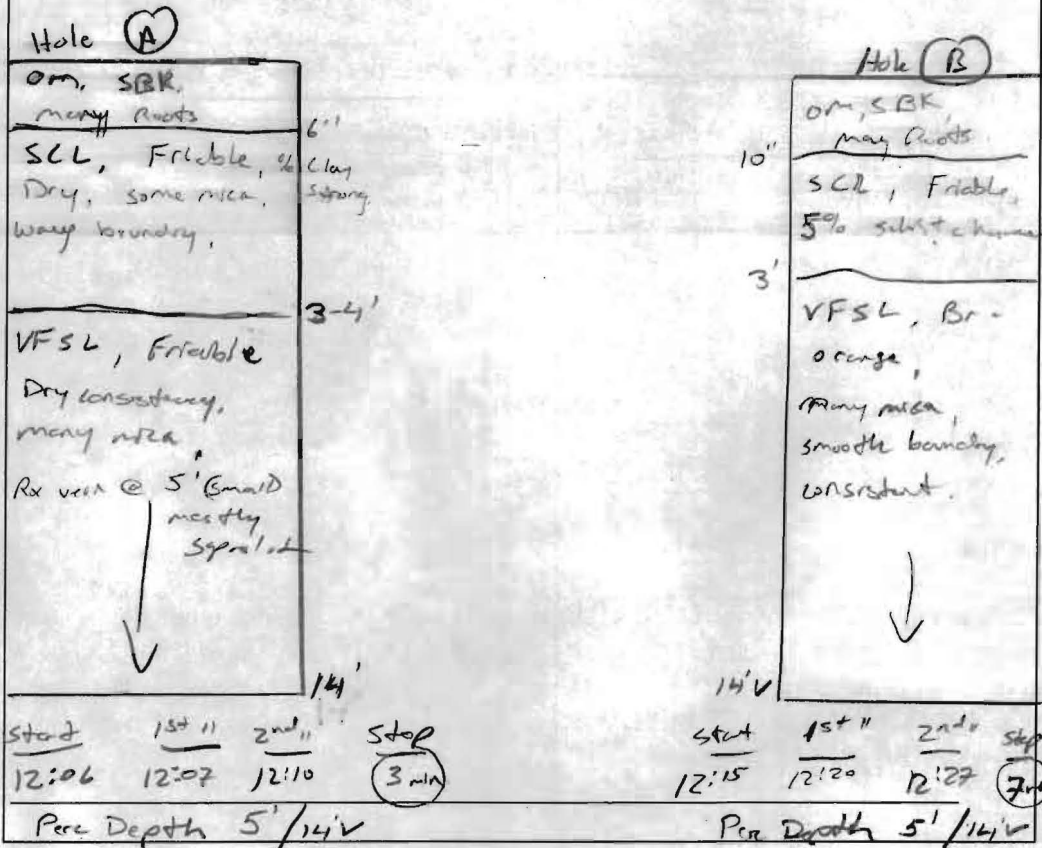
- NOTE: PERMIT VOID AFTER 2 YEARS
- NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
- NOTE: WATERTIGHT SEPTIC TANKS REQUIRED
- NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL
- NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS

**NEITHER THE HOWARD COUNTY COUNCIL OR 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**

NOT TO SCALE

\* See Separate sheet for AS-BUILT

Perc Testing 4/29/10



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
2'	4.5'-5.5'	9'
NUMBER OF TRENCHES 3		
TOTAL LENGTH 125'		
ABSORPTION AREA 250'± SW		
DISTRIBUTION BOX LEVEL Leveler		
DISTRIBUTION BOX BAFFLE Yes		
DISTRIBUTION BOX PORT Yes		

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL Yes	
MANUFACTURER	Babylon T.S.
CAPACITY	2000 GAL
SEAM LOC	Top
TANK LID DEPTH	5'-5.5'
BAFFLES	Yes
BAFFLE FILTER	
MANHOLE LOC	Front
6" PORT LOC	Rear
WATERTIGHT TEST	
SLOTTED	Yes 6/12/10
PUMP/SEPTIC TANK LEVEL N/A	
MANUFACTURER	
CAPACITY	
SEAM LOC	
TANK LID DEPTH	
BAFFLES	
BAFFLE FILTER	
MANHOLE LOC	
6" PORT LOC	
WATERTIGHT TEST	
SLOTTED	

PRE-CONSTRUCTION  
 7/22/10 Sewer coming out under footer. Suggested to be hung. Trench outlets to be determined after perc tests performed.

• Elevation of sewer asset undisturbed. May need load-bearing tank to comply w/ over 3' earth cover regulation. OK to set tanks as shown on approved BP plan (K11) 7/29/10 2 perc tests completed to determine trench specs. See info above. Trenches to be 2' wide, inlet on top trench @ 5.5' w/ 12" stone covering pipe, lower trench to be inlet @ 4.5' w/ bottom @ 9'. Install Dbox stop middle of SRA, 2 x 40' trenches in both directions, drop down 9' and install a 45' in either direction. Call for 7/30/10 system installed as instructed. Top trench inlet @ 5.5'. Bottom trench inlet @ 4.5'. OK to cover all work.

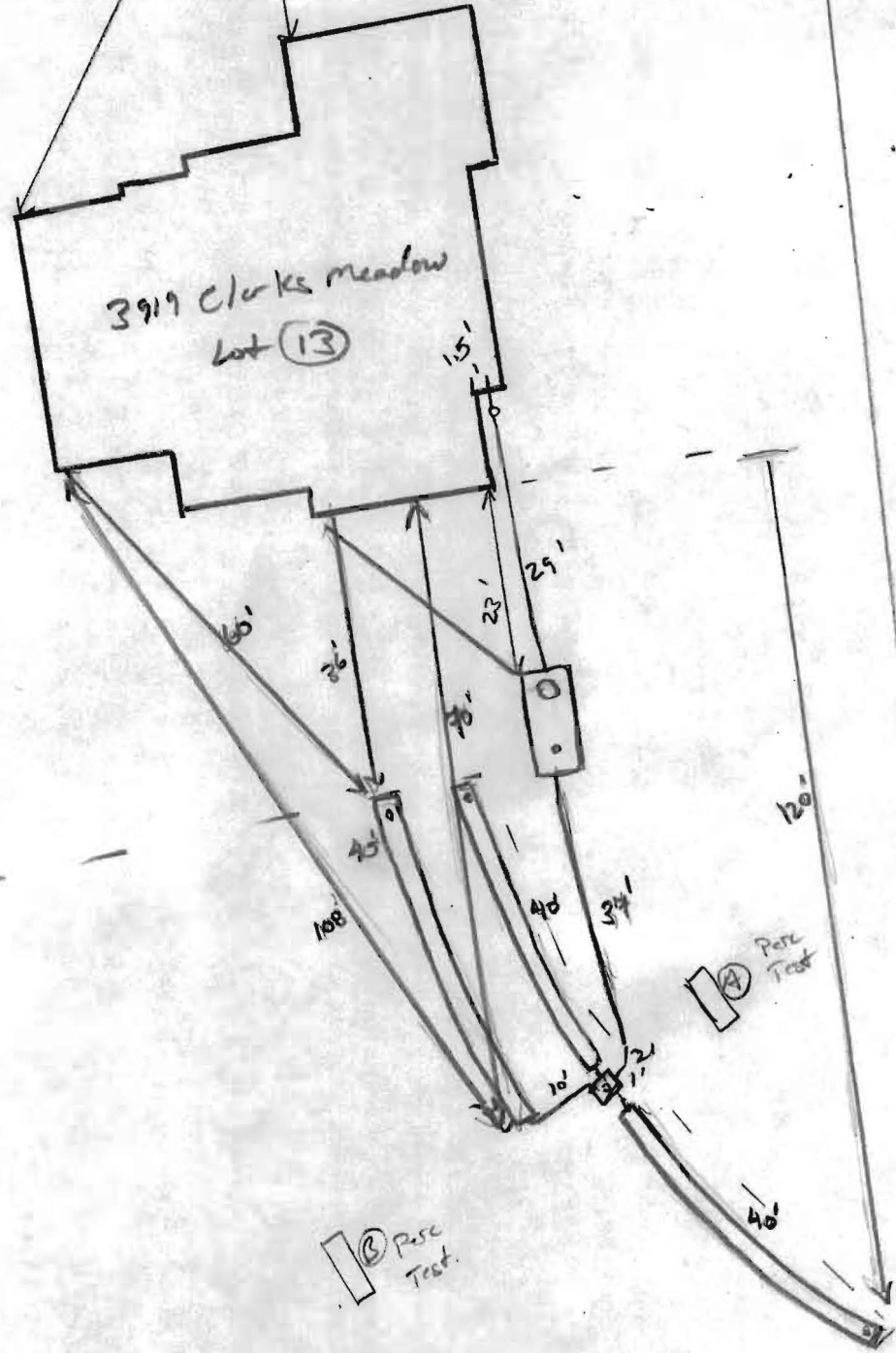
FINAL INSPECTOR J. W. [Signature] DATE OF APPROVAL 7/30/10

HO-95-0174

Clarks Meadow Dr.

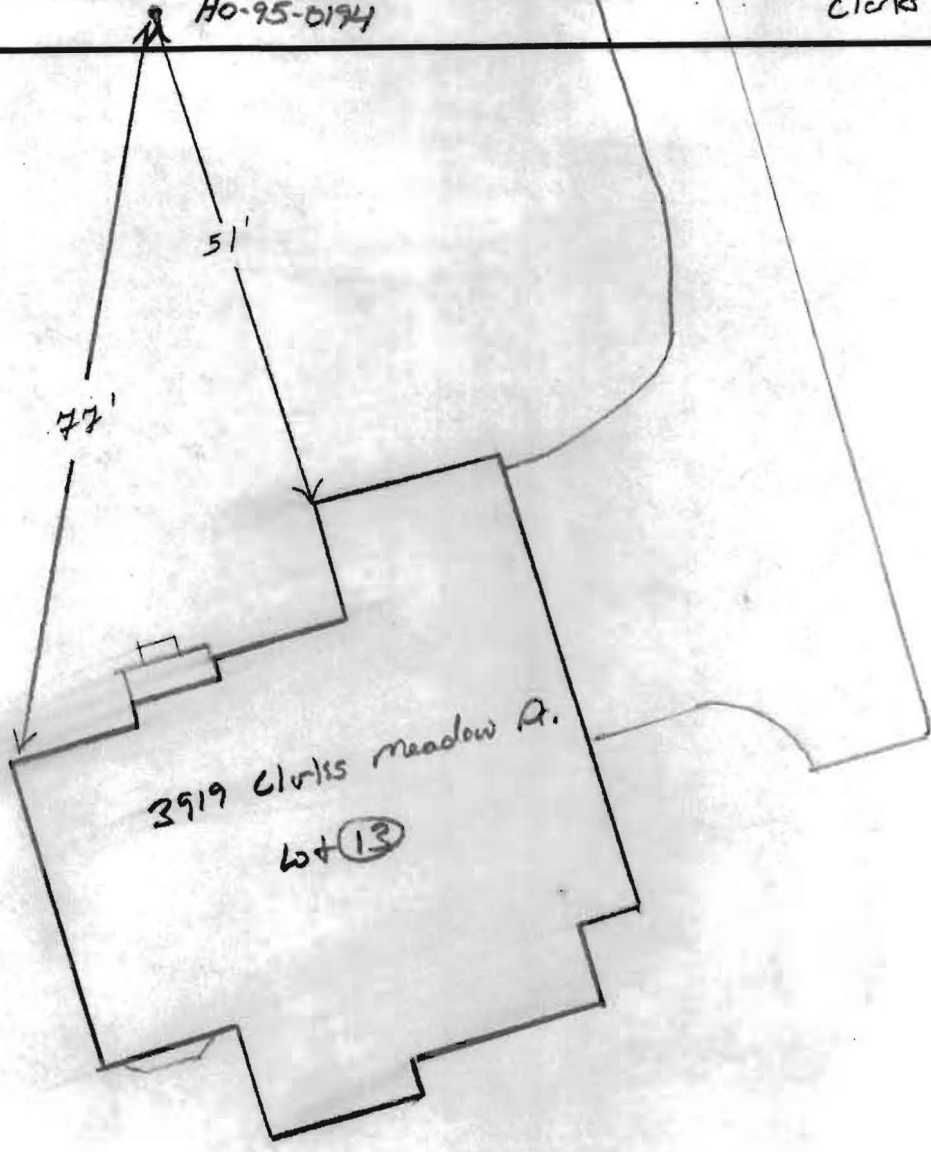
3919 Clarks meadow  
Lot (13)

NOT TO SCALE



HO-95-0174

Clarks Meadow Dr.



NOT TO SCALE



SEDIMENT CONTROL NOTES

- 1) 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 (01-13-1995)
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 MOST CURRENT MARIANO STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND EROSIONS THEREOF.
3) FOLLOWING INITIAL SOIL DISTURBANCE OR RE-CONSTRUCTION, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: (A) 7 CALENDAR DAYS FOR ALL PERMITS SUBJECT TO CONTROL STRUCTURES, UNLESS PERMITS STATES AND ALL SLOPES STEEPER THAN 3:1, 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
4) ALL SEDIMENT TRAPS/FUNNELS SHOWN MUST BE FENCED AND MONITORING DEVICES POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH MD, 1, CHAPTER 12 OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
5) ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1994 MARIANO STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC. 51), SEC. 50, 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 PROVISION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
7) SITE ANALYSIS:
TOTAL AREA OF SITE: 1.00 ACRES
AREA RESTRICTED: 0.39 ACRES
AREA TO BE ROOFED OR PAVED: 0.11 ACRES
AREA TO BE VEGETATIVELY STABILIZED: 0.29 ACRES
TOTAL CUT: 125 CU. YDS.
TOTAL FILL: 365 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 SEDIMENT CONTROL INSPECTOR.
10) ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES: APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERMANENT SEDIMENT CONTROL STRUCTURES, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MUST BE OBTAINED UNTIL THIS PERIOD.
11) TRENCHES FOR THE CONSTRUCTION OF UTILITIES IS LIMITED TO THREE FEET DEPTH OR THAT WHICH SHALL BE BACK-FILLED AND STABILIZED WITHIN ONE WORKING DAY, WHICHEVER IS SHORTER.
SEQUENCE OF CONSTRUCTION:
1. OBTAIN GRADING PERMIT.
2. INSTALL SEDIMENT CONTROLS AS SHOWN ON PLAN (1 DAY)
3. PERFORM NECESSARY GRADING AND STABILIZE THE SITE (2 DAYS)
4. CONSTRUCT DWELLING ON SITE (90 DAYS)
5. AFTER THE SITE IS STABILIZED AND PROVISION 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 REDISTRIBUTED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
SEEDING PREPARATION:
LOOSEN UPPER THREE INCHES OF SOIL BY ROLING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
SOIL AMENDMENTS:
APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 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 BUSHEL PER ANNUAL PER (3.2 LBS./1,000 SQ. FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF MIXING LONGWEED (9 LBS./1,000 SQ. 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 SOO.
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 (8 GAL./1,000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE (8 GAL./1,000 SQ. FT.) FOR ANCHORING. REFER TO THE 1989 MARIANO 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 REDISTRIBUTED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
SEEDING PREPARATION:
LOOSEN UPPER THREE INCHES OF SOIL BY ROLING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
SOIL AMENDMENTS:
APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 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 BUSHEL PER ANNUAL PER (3.2 LBS./1,000 SQ. FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF MIXING LONGWEED (9 LBS./1,000 SQ. 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 SOO.
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 (8 GAL./1,000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, ON SLOPES 8 FEET OR HIGHER, USE 340 GALLONS PER ACRE (8 GAL./1,000 SQ. FT.) FOR ANCHORING. REFER TO THE 1989 MARIANO STANDARDS AND SPECIFICATION FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

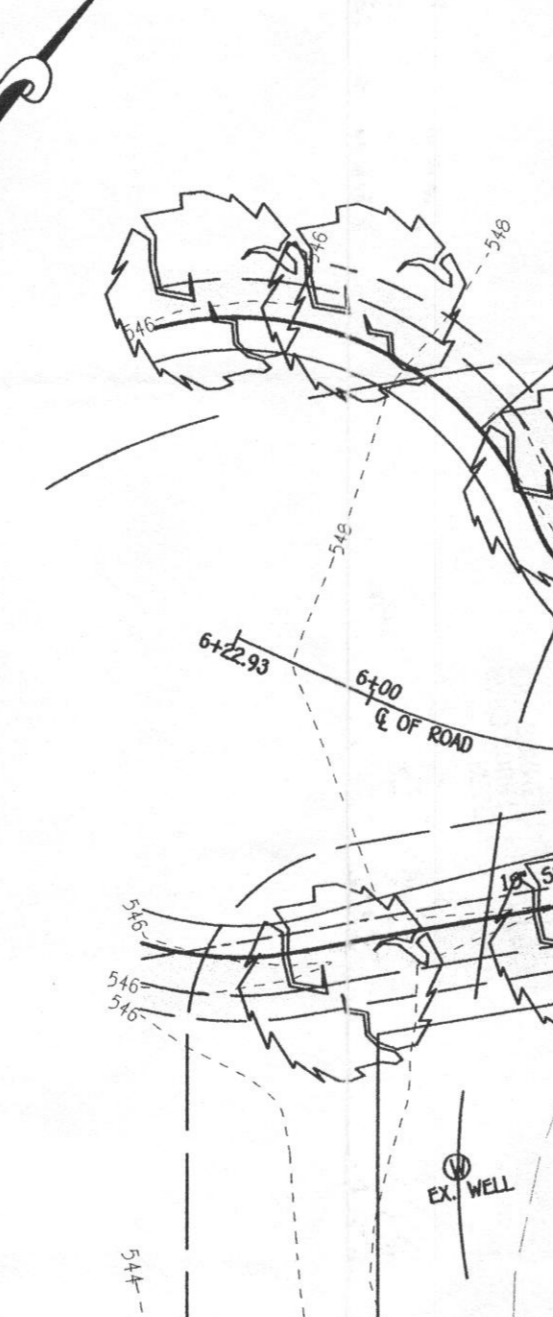
PERMANENT SEEDING NOTES

- ALL DISTURBED AREAS SHALL BE STABILIZED AS FOLLOWS:
SEEDING PREPARATION:
LOOSEN UPPER THREE INCHES OF SOIL BY ROLING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING.
SOIL AMENDMENTS:
APPLY 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 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 BUSHEL PER ANNUAL PER (3.2 LBS./1,000 SQ. FT.) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS./ACRE OF MIXING LONGWEED (9 LBS./1,000 SQ. 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 SOO.
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CONSTRUCTION SPECIFICATION

- 1. LENGTH - MINIMUM OF 50' (40' FOR SINGLE RESIDENCE LOT).
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 GRADING PRIOR TO PLACING STONE.
4. STONE - CRUSHED AGGREGATE (2" TO 3") OR RECLAIMED OR RECYCLED CONCRETE EQUIPMENT SHALL BE PLACED AT LEAST 6" DEEP OVER THE LENGTH AND WIDTH OF THE ENTRANCE.
5. SURFACE WATER - ALL SURFACE WATER FLOWING TO OR DRAINING TOWARD CONSTRUCTION ENTRANCES SHALL BE PEPE THROUGH THE ENTRANCE, MAINTAINING POSITIVE DRAINAGE. PIPE INSTALLED THROUGH THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE PROTECTED WITH A MONITORABLE BEAM WITH 5:1 SLOPES AND A MINIMUM OF 6" OF STONE OVER THE PIPE. PIPE HAS TO BE SEED 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 SEED ACCORDING TO THE AMOUNT OF RUNOFF TO BE CONVEYED. A 6" MINIMUM WILL BE REQUIRED.
6. LOCATION - A STABILIZED CONSTRUCTION ENTRANCE SHALL BE LOCATED AT EVERY POINT WHERE CONSTRUCTION TRAFFIC ENTRIES OR LEAVES A CONSTRUCTION SITE. VEHICLES LEAVING THE SITE MUST TRAVEL OVER THE ENTIRE LENGTH OF THE STABILIZED CONSTRUCTION ENTRANCE.

STABILIZED CONSTRUCTION ENTRANCE



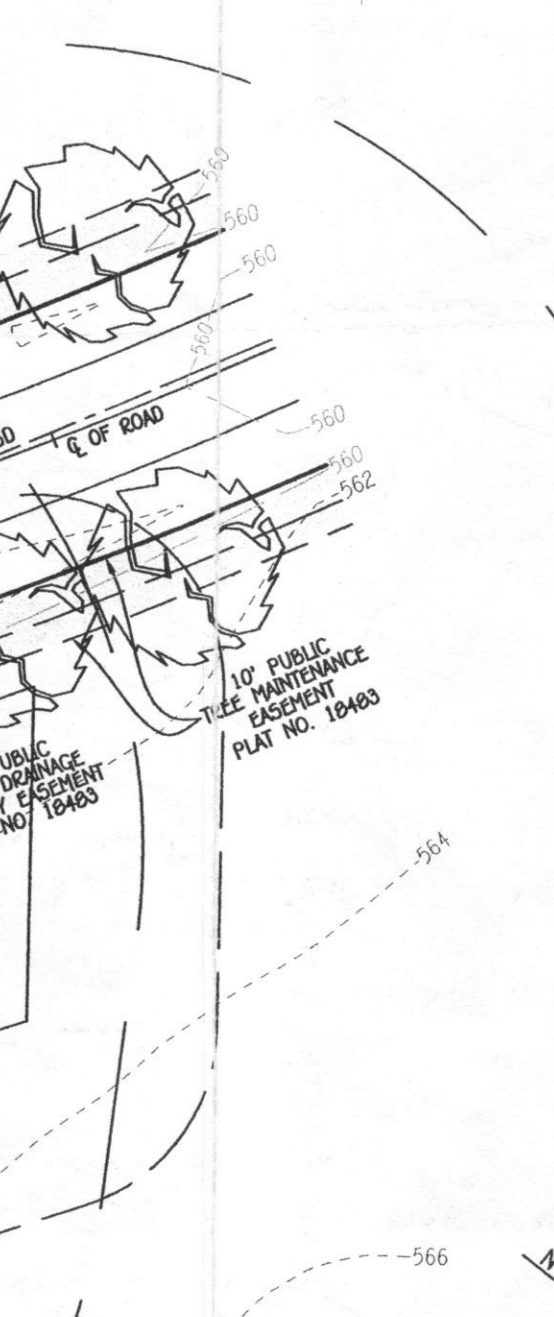
CONSTRUCTION SPECIFICATIONS

- 1. FENCING SHALL BE 42" IN HEIGHT AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST PARSLOW STATE TYPICAL DETAILS FOR CHAIN LINK FENCING. THE SPECIFICATION FOR A 6" FENCE SHALL BE USED, SUBSTITUTING 42" FABRIC AND 6" LENGTH POSTS.
2. CHAIN LINK FENCING SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES. THE LOWER TENSION WIRE BRACE AND TRESS BODIES, DRIVE ANCHORS AND POST CAPS ARE NOT REQUIRED EXCEPT AT THE ENDS OF THE FENCE.
3. FILTER CLOTH SHALL BE FASTENED SECURELY TO THE CHAIN LINK FENCE WITH THIS SPACING EVERY 24" AT THE TOP AND MID SECTION.
4. FILTER CLOTH SHALL BE PROVIDED A MINIMUM OF 6" INTO THE GROUND.
5. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6".
6. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SOIL BULGES 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 509
TENSILE MODULUS 20 LBS./IN (MIN) TEST: HMT 509
FLOW RATE 0.3 GAL. FT / MINUTE (MAX) TEST: HMT 322
FILTERING EFFICIENCY 75% (MIN) TEST: HMT 322

DESIGN CRITERIA

Table with columns: SLOPE STEEPNESS, SLOPE LENGTH (MAXIMUM), SILT FENCE LENGTH (MAXIMUM). Rows include 0-10%, 10-20%, 20-30%, 30-40%, 40-50%.

SUPER SILT FENCE



CONSTRUCTION SPECIFICATIONS

- 1. FENCE POSTS SHALL BE A MINIMUM OF 36" LONG DROWN 1/2" MINIMUM INTO THE GROUND. WOOD POSTS SHALL BE 1 1/2" x 1 1/2" SQUARE (MINIMUM) CUT, OR 1 1/2" DIAMETER (MINIMUM) ROUND AND SHALL BE OF SOUND QUALITY HARDWOOD. STEEL POSTS WILL BE STANDARD T OR U SECTION WEIGHING NOT LESS THAN 1.00 POUND PER LINEAR FOOT.
2. GEOTEXTILE 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 509
TENSILE MODULUS 20 LBS./IN (MIN) TEST: HMT 509
FLOW RATE 0.3 GAL. FT / MINUTE (MAX) TEST: HMT 322
FILTERING EFFICIENCY 75% (MIN) TEST: HMT 322
3. WHERE ENDS OF GEOTEXTILE FABRIC COME TOGETHER, THEY SHALL BE OVERLAPPED, FOLDED AND STAPLED TO PREVENT SEEDMENT BYPASS.
4. SILT FENCE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND MAINTAINED WHEN BULGES OCCUR OR WHEN SEDIMENT ACCUMULATION REACHED 50% OF THE FABRIC HEIGHT.

SILT FENCE DESIGN CRITERIA

Table with columns: SLOPE STEEPNESS, SLOPE LENGTH (MAXIMUM), SILT FENCE LENGTH (MAXIMUM). Rows include FLATTER THAN 5:1, 5:1 TO 1:1, 1:1 TO 1:1, 1:1 TO 3:1, 3:1 TO 2:1, 2:1 AND STEEPER.

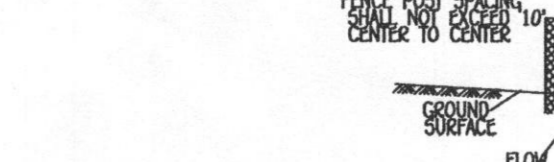
LEGEND

Table with columns: SYMBOL, DESCRIPTION. Includes symbols for existing contour, proposed contour, spot elevation, silt fence, super silt fence, erosion control matting, and limits of disturbance.

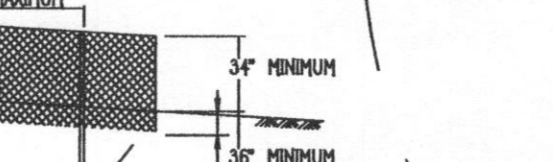
SEQUENCE OF CONSTRUCTION

- 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 MAKE 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 PROVISION IS GRANTED BY E/C'S CONTROL INSPECTOR. 2 DAYS

EROSION CONTROL MATTING



WESTCHESTER I



DEVELOPER'S CERTIFICATE

I HEREBY 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.

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.

FISHER, COLLINS & CARTER, INC.

CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PIKE
ELICOTT CITY, MARYLAND 21042
(410) 461-1895

HOWARD SOIL CONSERVATION DISTRICT

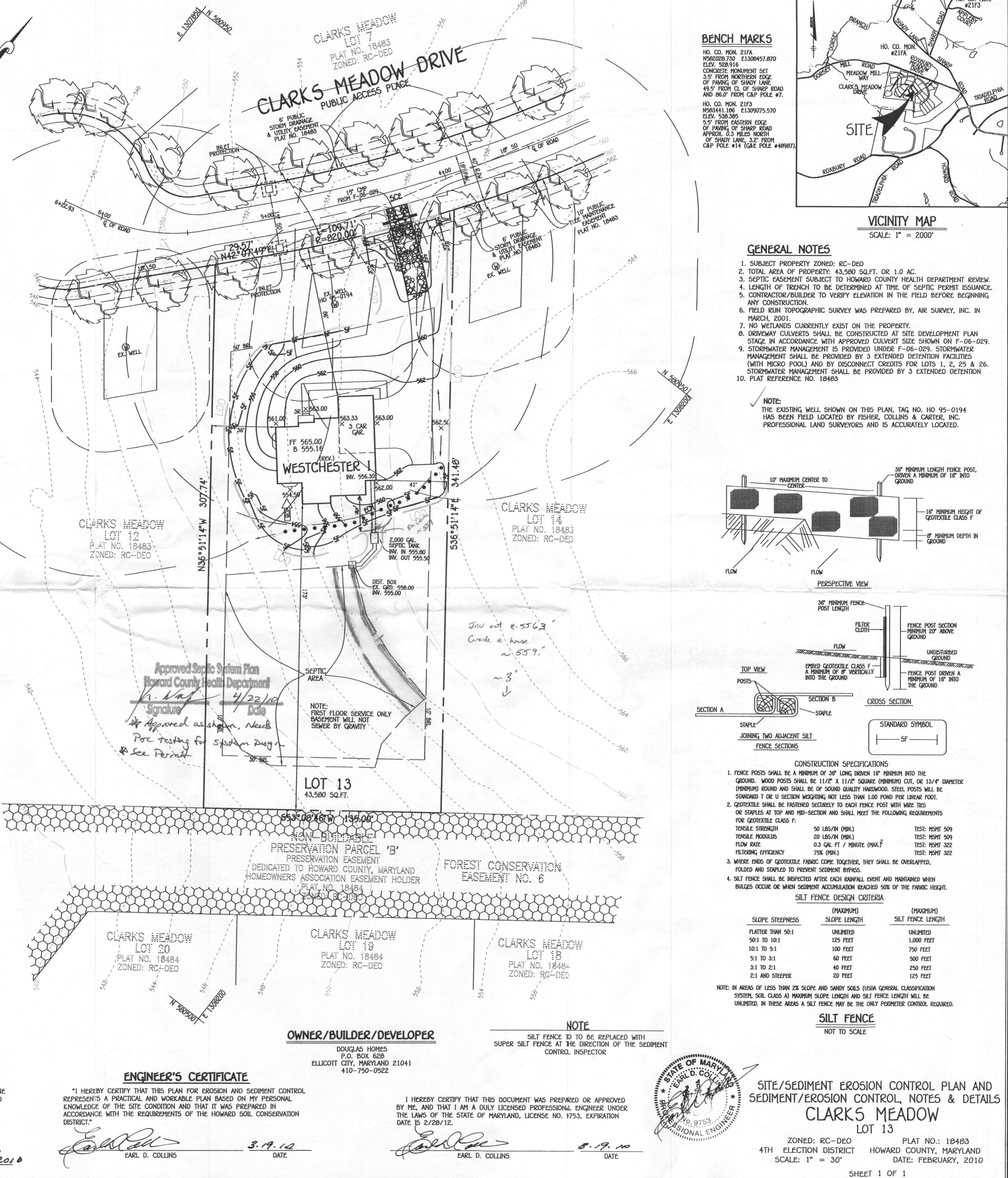
APPROVED: [Signature] DATE: 3/23/10

DEVELOPER'S CERTIFICATE

APPROVED: [Signature] DATE: 3/23/10

ENGINEER'S CERTIFICATE

APPROVED: [Signature] DATE: 3/23/10



Professional Engineer seal for Earl D. Collins, License No. 1753, State of Maryland. Includes site title 'SITE/SEDIMENT EROSION CONTROL PLAN AND SEDIMENT/EROSION CONTROL NOTES & DETAILS CLARK'S MEADOW LOT 13' and date 'FEBRUARY, 2010'.