

LAYOUT 7/25/07 INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 05/15/2007

*Logged Into Permit Manager*  
**PERMIT**

P 526704

APPROVAL DATE: 7/26/07

A 516525

TAX ID # 03-347591

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

Stratford, LC - Craftmark Homes, Inc IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS: 6820 Elm St, Ste 102, McLean VA PHONE NUMBER: 703-748-5877  
22101

SUBDIVISION: Saddlebrook Farm LOT NUMBER: 5

ADDRESS: 10157 Saddlebrook Farm Trail PROPERTY OWNER: Shalehearth LC

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

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED ☒

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: \_\_\_\_\_

LINEAR FEET OF TRENCH REQUIRED: 167

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 5.0 feet below original grade. 2.5 feet of stone below distribution pipe.
LOCATION:	
NOTES:	

PLANS APPROVED: Ashley Trump DATE: 03/15/2007

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

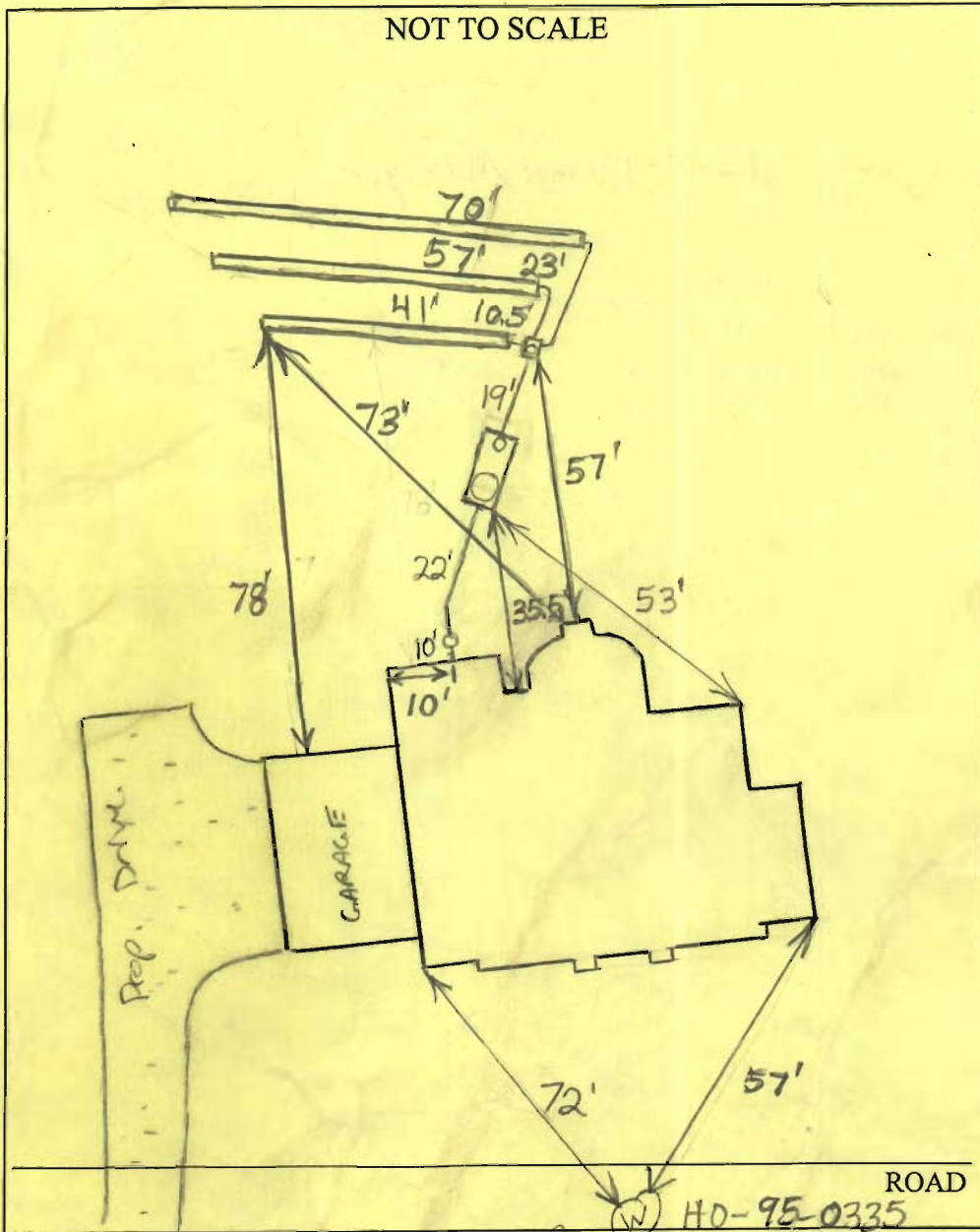
NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

**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**



NOT TO SCALE



**TRENCH/DRAINFIELD DATA**

WIDTH 3' INLET 3'-3.5' BOTTOM 5.5'-6'

NUMBER OF TRENCHES 3

TOTAL LENGTH 168'

ABSORPTION AREA 504 + Sidewalk

DISTRIBUTION BOX LEVEL Levelers

DISTRIBUTION BOX BAFFLE Yes

DISTRIBUTION BOX PORT Yes

**SEPTIC TANK DATA**

SEPTIC TANK 1 LEVEL Yes

CAPACITY 2000 GAL

SEAM LOC Top

TANK LID DEPTH 1.5'-2.5'

BAFFLES Yes

BAFFLE FILTER No

MANHOLE LOC Front

6" PORT LOC Rear

WATERTIGHT TEST No

SEPTIC TANK 2 LEVEL N/A

CAPACITY \_\_\_\_\_ GAL

SEAM LOC \_\_\_\_\_

TANK LID DEPTH \_\_\_\_\_

BAFFLES \_\_\_\_\_

BAFFLE FILTER \_\_\_\_\_

MANHOLE LOC \_\_\_\_\_

6" PORT LOC \_\_\_\_\_

WATERTIGHT TEST \_\_\_\_\_

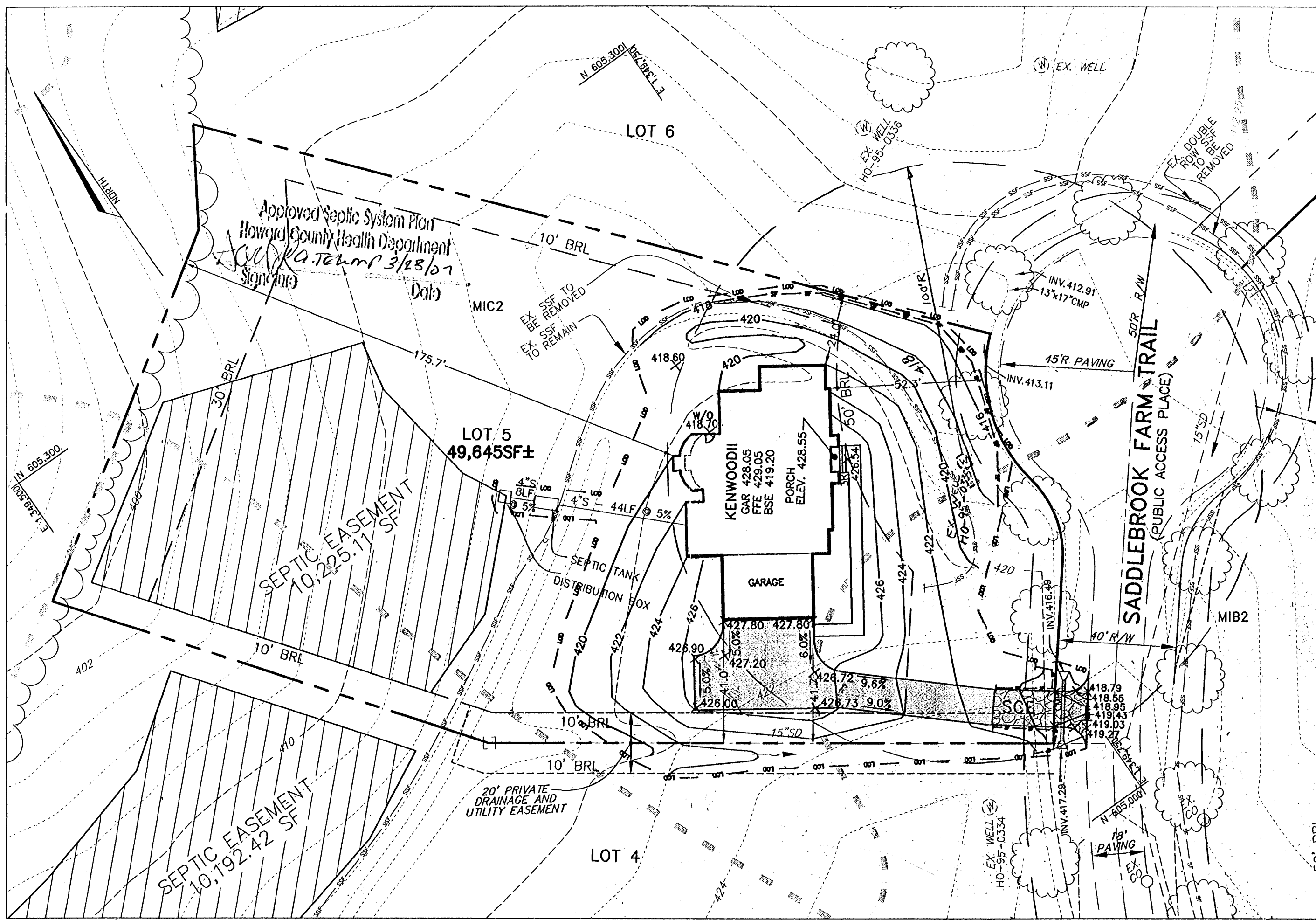
PRE-CONSTRUCTION 7/25/07 Set dist. box per plan and install a 40', 60' and 70' trench on contour across the very top of the septic easement. (BB)

INSTALLATION 7/26/07 System finished. O.K. to backfill. (BB)

FINAL INSPECTOR B. Baker

DATE OF APPROVAL 7/26/2007





SCALE : 1"=30'

EXISTING	DESCRIPTION	PROPOSED
	PROPERTY LINE	
	RIGHT OF WAY LINE	
	CENTER LINE	
	EASEMENT LINE	
	BLDG. RESTRICTION LINE	
EX. 15" SD	STORM DRAIN & MH	
EX. 8" S	SEWER LINE & MH	
EX. 8" W	WATER LINE & MH	
EX. W	PIPE/GUTTER FLOW DIRECTION	
EX. F.H.	WATER VALVE	
EX. G	FIRE HYDRANT	
EX. G	GAS LINE	
EX. G	OVERHEAD LINE	
EX. G	UTILITY POLE	
EX. G	LIMIT OF DISTURBANCE	
EX. G	SILT FENCE	
EX. G	SUPER SILT FENCE	
EX. G	SOILS CLASSIFICATION/BOUNDARY	
EX. G	STABILIZED CONSTRUCTION ENTRANCE	
EX. G	CURB & GUTTER	
EX. G	CONTOUR LINE	
EX. G	SPOT ELEVATION	
EX. G	STREET SIGN	
EX. G	STREET LIGHTING	
EX. G	TREES	
EX. G	PAVING	

**OWNERS/DEVELOPERS CERTIFICATION**

I, WE HEREBY CERTIFY THAT ANY CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT 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 OF THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE NATURAL SERVICE CONSERVATION SERVICE.

SIGNATURE OF OWNER/DEVELOPER: *Allan Schull* DATE: 1/31/07

PRINTED NAME OF OWNER/DEVELOPER: Allan Schull

**DESIGN 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 NATURAL SERVICE CONSERVATION SERVICE.

SIGNATURE OF DESIGN PROFESSIONAL: *MARK S. CRISMAN* DATE: 1-31-07

PRINTED NAME OF DESIGN PROFESSIONAL: MARK S. CRISMAN

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

DATE: 2/6/07

DATE: 2/6/07

DATE: 2/6/07

## HOWARD SOIL CONSERVATION DISTRICT PERMANENT SEEDING NOTES

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

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

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

- PREFERRED - APPLY 2 TONS PER ACRE DOLOMITE LIME (92 LBS./1000 SQ.FT.) AND 600 LBS. PER ACRE 10-10-10 FERTILIZER (14 LBS./1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL. AT TIME OF SEEDING, APPLY 400 LBS. PER ACRE 30-0-0 UREAFORM FERTILIZER (9 LBS./1000 SQ.FT.).
- ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITE LIME (92 LBS./1000 SQ.FT.) AND 1000 LBS. PER ACRE 10-10-10 FERTILIZER (23 LBS./1000 SQ.FT.) BEFORE SEEDING. HARROW OR DISK INTO UPPER THREE INCHES OF SOIL.

SEEDING - FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 60 LBS. PER ACRE 14 LBS./1000 SQ.FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 60 LBS. KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS. PER ACRE (25 LBS./1000 SQ.FT.) OF WESPER LOVERGAS. DURING THE PERIOD OF OCTOBER 16 THRU FEBRUARY 28, PROTECT 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 WEED FREE SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (6 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 RESEEDINGS.

## TEMPORARY SEEDING NOTES

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

SEEDING PREPARATION: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING, FOR NOT 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 AUGUST 1 THRU OCTOBER 15, SEED WITH 2-1/2 BUSHEL PER ACRE OF ANNUAL RYE (32 LBS./1000 SQ.FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS. PER ACRE OF WESPER LOVERGAS (17 LBS./1000 SQ.FT.). FOR THE PERIOD NOVEMBER 16 THRU NOVEMBER 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./1000 SQ.FT.) OF UNROTTED WEED FREE SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GALLONS PER ACRE (6 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.

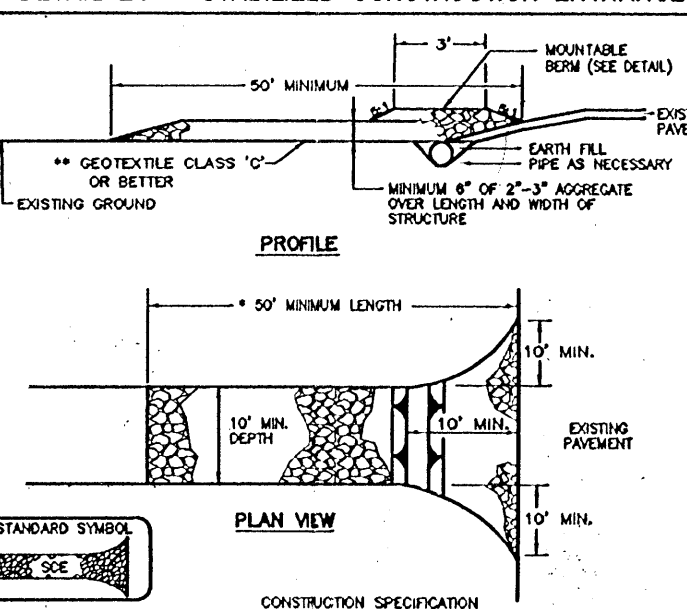
REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR ADDITIONAL RATES AND METHODS NOT COVERED.

## STANDARD SEDIMENT CONTROL NOTES

- A MINIMUM OF 48 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS, SEDIMENT CONTROL DIVISION PRIOR TO THE START OF ANY CONSTRUCTION, (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 MOST CURRENT "MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", AND REVISIONS THERETO.
- 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, 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 TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1991 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDING (SEC.51), SOO (SEC. 54), 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.
- 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.
- SITE ANALYSIS:  
TOTAL AREA OF SITE: 1.14 ACRES  
AREA TO BE ROOFED OR PAVED: 0.52 ACRES  
AREA TO BE VEGETATIVELY STABILIZED: 0.36 ACRES  
TOTAL CUT: 1000 CU. YDS.  
TOTAL FILL: 1000 CU. YDS.  
TOTAL WASTE/BORROW AREA LOCATION: N/A

THESE QUANTITIES ARE FOR OWN PURPOSES ONLY. CONTRACTOR IS REQUIRED TO PROVIDE HIS OWN QUANTITY MEASUREMENTS.

## DETAIL 24 - STABILIZED CONSTRUCTION ENTRANCE



- LENGTH - MINIMUM OF 50' (30' FOR SINGLE RESIDENCE LOT).
- WIDTH - 10' MINIMUM, SHOULD BE PLACED AT THE EXISTING ROAD TO PROVIDE A TURNING PAVEMENT.
- GEOTEXTILE FABRIC (FILTER CLOTH) SHALL BE PLACED OVER THE EXISTING GROUND PRIOR TO PLACING STONE. \*THE PLAN APPROVAL AUTHORITY MAY NOT REQUIRE SINGLE FAMILY RESIDENCES TO USE GEOTEXTILE.
- STONE - CRUSHED AGGREGATE (2\"/>

U.S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

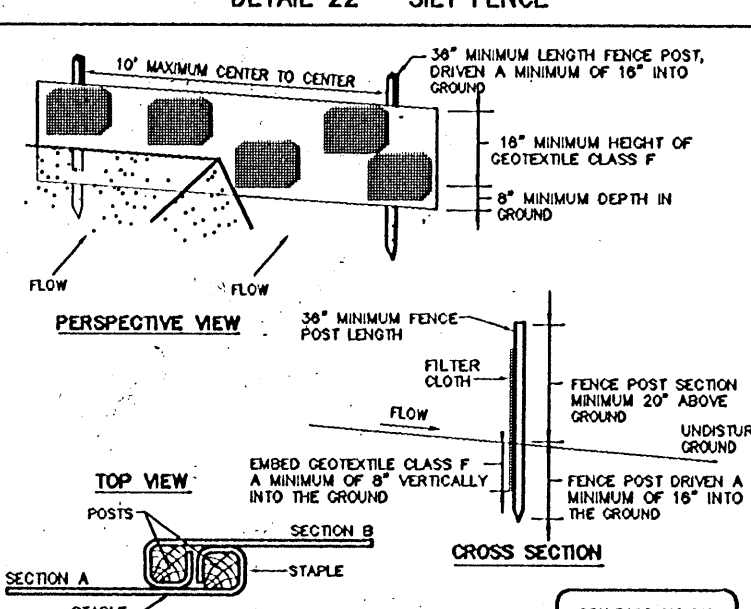
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MARYLAND DEPARTMENT OF ENVIRONMENT  
WATER MANAGEMENT ADMINISTRATION

## SEPTIC SYSTEM DATA

FIRST FLOOR ELEVATION:	429.05
BASEMENT ELEVATION:	419.20
INV. OUT OF HOUSE:	414.85
INV. IN SEPTIC TANK:	412.65
INV. OUT SEPTIC TANK:	412.40
EX. ELEVATION AT SEPTIC TANK:	417.00
PROP. ELEVATION AT SEPTIC TANK:	417.00
EX. ELEVATION AT DISTRIBUTION BOX:	415.00
PROP. INV. IN DISTRIBUTION BOX:	412.00

## DETAIL 22 - SILT FENCE



- FENCE POSTS SHALL BE A MINIMUM OF 3\"/>

U.S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

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MARYLAND DEPARTMENT OF ENVIRONMENT  
WATER MANAGEMENT ADMINISTRATION

## SILT FENCE

SLOPE STEEPNESS	(MAXIMUM) SLOPE LENGTH	(MAXIMUM) SILT FENCE LENGTH
FLATTER THAN 50:1	UNLIMITED	UNLIMITED
50:1 TO 10:1	125 FEET	1,000 FEET
10:1 TO 5:1	100 FEET	750 FEET
5:1 TO 3:1	60 FEET	500 FEET
3:1 TO 2:1	40 FEET	250 FEET
2:1 AND STEEPER	20 FEET	125 FEET

NOTE: IN AREAS OF LESS THAN 2% SLOPE AND SANDY SOILS (USDA GENERAL CLASSIFICATION SYSTEM, SOIL CLASS A) MAXIMUM SLOPE LENGTH AND SILT FENCE LENGTH WILL BE UNLIMITED. IN THESE AREAS A SILT FENCE MAY BE THE ONLY PERMANENT CONTROL REQUIRED.

U.S. DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE

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MARYLAND DEPARTMENT OF ENVIRONMENT  
WATER MANAGEMENT ADMINISTRATION

## TOPSOIL APPLICATION

- WHEN TOPSOILING, MAINTAIN NEEDED EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, EARTH DICES, SLOPE SILT FENCE AND SEDIMENT TRAPS AND BASINS.
- GRADES ON THE AREAS TO BE TOPSOILED, WHICH HAVE BEEN PREVIOUSLY ESTABLISHED, SHALL BE MAINTAINED, ALBERT 4\"/>

REFERENCES: GUIDELINE SPECIFICATIONS, SOIL PREPARATION AND SODDING. MD-VA, PUB. #1, COOPERATIVE EXTENSION SERVICE, UNIVERSITY OF MARYLAND AND VIRGINIA POLYTECHNIC INSTITUTES. REVISED 1973.

## TEMPORARY DUST CONTROL MEASURES

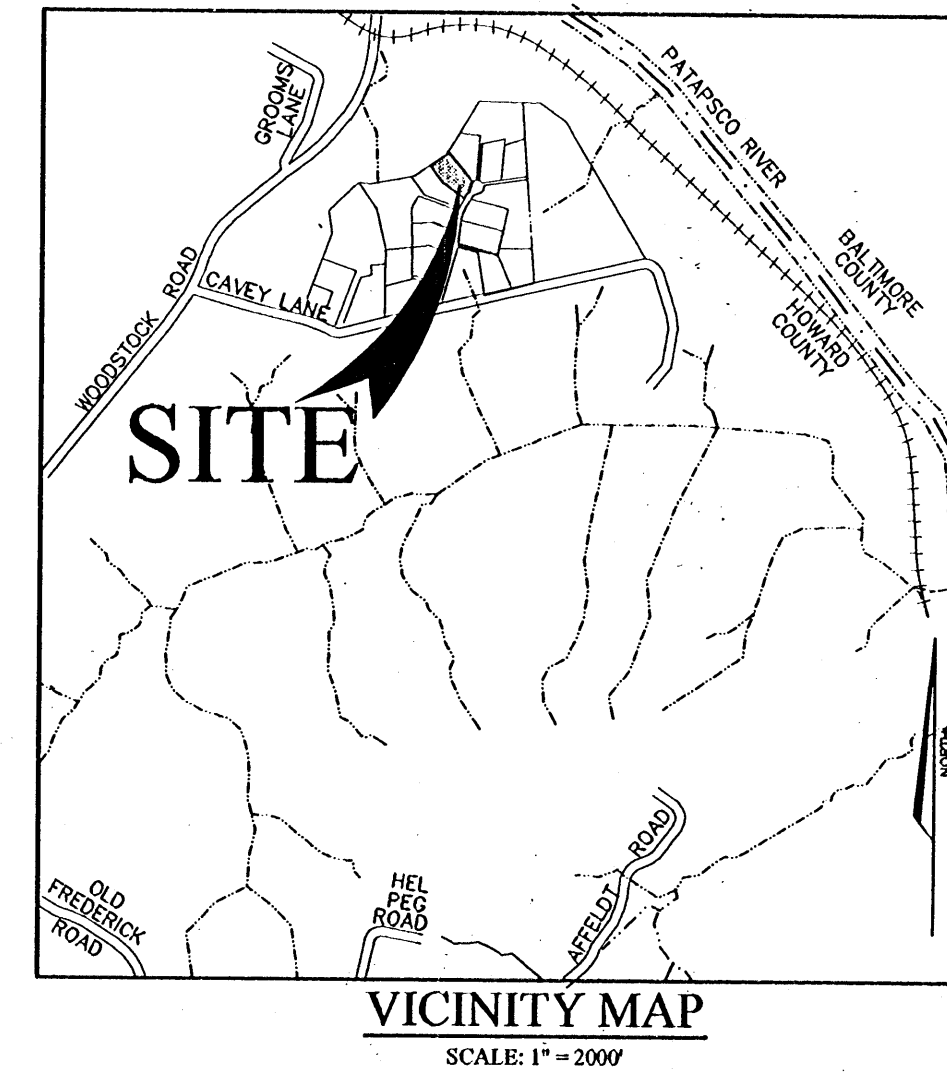
- MULCHES - SEE STANDARDS FOR VEGETATIVE STABILIZATION WITH MULCHES ONLY. MULCH SHOULD BE CRIMPED OR TACKED TO PREVENT BLOWING.
- VEGETATIVE COVER - SEE STANDARDS FOR TEMPORARY VEGETATIVE COVER.
- TILLAGE - TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE, THIS IS AN EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWING APART 12\"/>

## SEQUENCE OF CONSTRUCTION

- OBTAIN GRADING PERMIT
- CONSTRUCT STABILIZED CONSTRUCTION ENTRANCES AT LOCATIONS SHOWN AND CONSTRUCT SILT FENCE. (1 DAY)
- COMPLETE CONSTRUCTION AS SHOWN. (160 DAYS)
- COMPLETE FINE GRADING OF SITE TO GRADES INDICATED. (1 DAY)
- SEED AND MULCH ALL REMAINING DISTURBED AREAS. (1 DAY)
- UPON STABILIZATION OF THE SITE AND WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE SEDIMENT CONTROL DEVICES AND STABILIZE REMAINING DISTURBED AREAS. (7 DAYS)

## SOILS DESCRIPTION

SYMBOL	DESCRIPTION
MIB2	MANOR LOAM, 3 TO 8 PERCENT SLOPES, MODERATELY ERODED
MIC2	MANOR LOAM, 8 TO 15 PERCENT SLOPES, MODERATELY ERODED



## GENERAL NOTES

- TAX MAP: 11, PARCEL: 19, BLOCK: 13, LOT 3 ELECTION DISTRICT: THIRD. ZONING: RC-DO. DEED REFERENCE: 3920/421. DPZ FILE: F-06-042, SP-03-10, WP-03-148. LOT AREA: 49,645 SQ.FT. OR 1.14 ACRES.
- SUBJECT PROPERTY ZONED RC-DO PER THE 02/02/2004 COMPREHENSIVE ZONING PLAN.
- COORDINATES BASED ON NAD '83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 101A & 17AB.  
STA NO. 101A = N 600,995.112, E 1,345,340.402 ELEV=442.707  
STA NO. 46EB = N 598,435.251, E 1,348,615.251 ELEV=509.178
- TOPOGRAPHIC DATA SHOWN HEREON IS BASED ON ROAD PLANS FILED UNDER F-06-042 AND A FIELD RUN TOPOGRAPHIC SURVEY CONDUCTED IN FEBRUARY 2002 BY FSH ASSOCIATES. BOUNDARY DATA SHOWN HEREON IS BASED ON FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT FEBRUARY 2002 BY FSH ASSOCIATES.
- ALL AREAS ARE MORE OR LESS.
- THIS SUBDIVISION IS NOT IN THE METROPOLITAN DISTRICT. PRIVATE WELL AND SEPTIC SYSTEMS WILL BE UTILIZED. GROUNDWATER APPROPRIATION PERMIT NUMBER: H02050009(01). SOME OF THE WELLS ARE KNOWN TO HAVE LEVELS OF GROSS ALPHA AND/OR GROSS BETA ABOVE CURRENT EPA STANDARDS AND WILL REQUIRE APPROPRIATE TREATMENT PRIOR TO USE AND OCCUPANCY.
- NO GRAVES, CEMETERY, OR HISTORIC STRUCTURES EXIST ON-SITE. SITE IS NOT ADJACENT TO A DESIGNATED SCenic ROAD.
- THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING (81 SHADE TREES, 36 EVERGREENS) HAS BEEN POSTED AS PART OF THE DPW DEVELOPERS AGREEMENT IN THE AMOUNT OF \$29,700.00 UNDER F-06-042.
- WETLAND AND FOREST STAND DELINEATIONS PREPARED BY EXPLORATION RESEARCH, INC. AND APPROVED UNDER SP-03-10 NO WETLANDS, STREAMS, THEIR BUFFERS, FLOODPLAIN, SLOPES 15% OR GREATER, OR 65DBA NOISE LINE EXIST ON LOT 3.
- FOREST CONSERVATION OBLIGATIONS IN ACCORDANCE WITH SECTION 16.1200 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION ACT. LOT 1 FOR THIS SUBDIVISION HAS BEEN FULFILLED BY THE DEPOSIT OF 1.21 ACRES OF REFORESTATION C 1.17 ACRES. FINANCIAL SURETY FOR THE ON-SITE RETENTION OF 4.71 ACRES (205,167.6 SQ.FT.) IN THE AMOUNT OF \$41,033.52 AND REFORESTATION OF 1.17 ACRES (50,966.2 SQ.FT.) IN THE AMOUNT OF \$25,492.60 HAS BEEN POSTED AS PART OF THE DPW DEVELOPERS AGREEMENT IN THE AMOUNT OF \$66,516.12 UNDER F-06-042.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:  
A) WIDTH=12 FEET (14 FEET SERVING MORE THAN ONE RESIDENT)  
B) SURFACE= 6 INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING.  
C) GEOMETRY= MAXIMUM 14% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45-FOOT TURNING RADIUS.  
D) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)  
E) DRAINAGE EASEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1-FOOT DEPTH OVER DRIVEWAY SURFACE.  
F) STRUCTURE CLEARANCES - MINIMUM 12 FEET  
G) MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.
- STORMWATER MANAGEMENT REQUIREMENTS FOR CPV HAVE BEEN PROVIDED IN A SURFACE SAND FILTER FACILITY AND RAY HAS BEEN PROVIDED FOR IN GRASS SWALES. THE SURFACE SAND FILTER FACILITY IS PRIVATELY OWNED AND MAINTAINED BY THE HOMEOWNERS ASSOCIATION. WOV FOR LOT 1 HAS BEEN PROVIDED FOR BY A DRY SWALE. WOV FOR LOTS 6-9 & 11 HAS BEEN PROVIDED FOR BY SHEET FLOW TO BUFFER, ROOFTOP DISCONNECTS AND NON-ROOFTOP DISCONNECTS. ALL TO BE PRIVATELY OWNED AND MAINTAINED. WOV FOR LOTS 2-5, 10 & 12 HAVE BEEN PROVIDED FOR IN A SURFACE SAND FILTER FACILITY.
- THIS PLAN IS SUBJECT TO THE FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AS AMENDED UNDER COUNCIL BILL NO. 75-2003. DEVELOPMENT OR CONSTRUCTION ON THIS LOT MUST COMPLY WITH SETBACK AND BUFFER REQUIREMENTS IN EFFECT AT THE TIME OF SUBMISSION OF THE BUILDING AND GRADING PERMITS.
- THIS LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH, AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQ.FT. AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME null AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF THE MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
- NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN WETLANDS, STREAMS, OR THEIR REQUIRED BUFFERS.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY AGENCIES AT LEAST FIVE(5) DAYS PRIOR TO ANY EXCAVATION WORK:  
MISS UTILITY: 1-800-257-7777  
G&P TELEPHONE COMPANY: 410-725-9978  
HO. CO. BUREAU OF UTILITIES: 410-313-4900  
AT&T CABLE LOCATION DIVISION: 410-393-3533  
BALTIMORE GAS & ELECTRIC: 410-686-0123  
STATE HIGHWAY ADMINISTRATION: 410-531-5533  
HO. CO. DEPT OF PUBLIC WORKS/ CONSTRUCTION INSPECTION DIVISION: 410-313-1880
- IN ACCORDANCE WITH SECTION 128 OF THE HOWARD COUNTY ZONING REGULATIONS, BAY WINDOWS, CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACK, PORCHES OR DECKS, OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACK.
- DRIVEWAY ENTRANCE SHALL BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARD R-6.06.
- ARTICLES OF INCORPORATION FOR THE HOMEOWNERS ASSOCIATION WERE ACCEPTED BY THE STATE DEPARTMENT OF ASSESSMENT AND TAXATION ON APRIL 5, 2006, INCORPORATION NUMBER 01121979.
- THIS PROJECT IS SUBJECT TO WATER PERMIT WP-03-148 IN WHICH ON JULY 11, 2003 THE PLANNING DIRECTOR APPROVED A WAIVER FROM SECTION 16.119(4)(5) TO ALLOW THE PROPOSED RIGHT OF WAY OF CAVEY LANE TO THE EXISTING CAVEY LANE WITHOUT THE REQUIRED 25 FEET TRUNCATIONS ON EITHER SIDE OF THE RIGHT OF WAY.
- PER LETTERS FROM SHALEHEARTH, L.C. (ELM STREET DEVELOPMENT) DATED JANUARY 3, 2007, CRAFTMARK HOMES HAS PERMISSION TO USE SEDIMENT CONTROLS INSTALLED UNDER F-06-042 AND PERMISSION TO GRADE ON ALL LOTS INCLUDING THE OPEN SPACE / NON-BUILDABLE LOTS / PARCEL.
- THE EXISTING WELL, (TAG # H0-75-0335) HAS BEEN FIELD LOCATED BY HARMS PROFESSIONAL LAND SURVEYOR AND IS ACCURATELY SHOWN.

DEVELOPER  
SHAHEARTH, L.C.  
6820 ELM STREET, SUITE 102  
MCLEAN, VIRGINIA 22101  
(703)-794-0700

BUILDER  
CRAFTMARK HOMES  
6820 ELM STREET, SUITE 102  
MCLEAN, VIRGINIA 22101  
(703)-287-0582

**HARMS**

**SADDLEBROOK FARMS, LOT 5**

**10157 SADDLEBROOK FARM TRAIL**

**PLOT PLAN**

DESIGNED BY: \_\_\_\_\_

DRAWN BY: \_\_\_\_\_

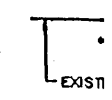
CHECKED BY: \_\_\_\_\_

DATE: JAN 2007

W.O. NO. 08-05-07

1 OF 1

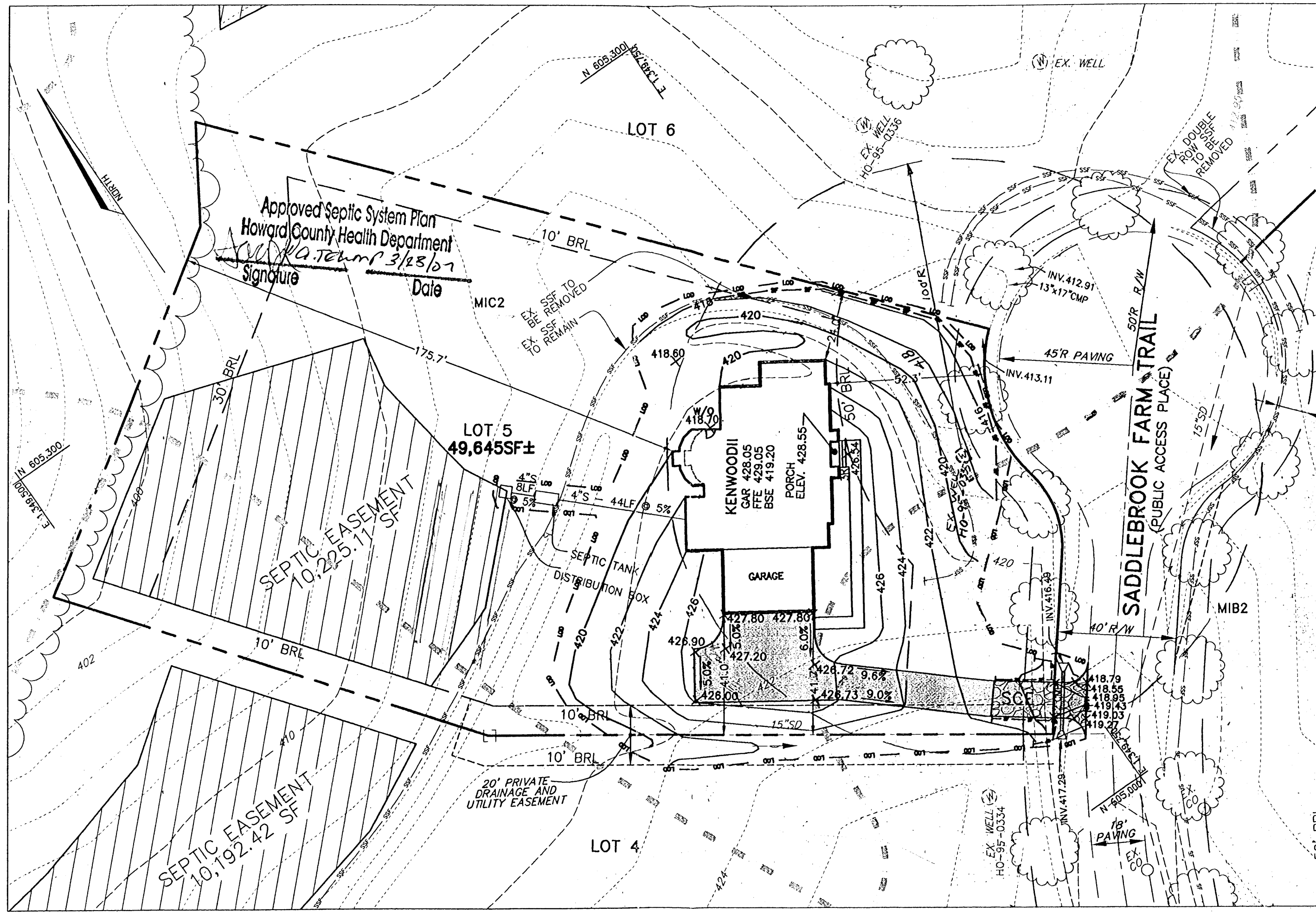




- 1. LENGTH
  - 2. WIDTH - RADIUS
  - 3. GEOTEKT TO PLACING RESIDENCES
  - 4. STONE - EQUIVALENT ENTRANCE
  - 5. SURFACE ENTRANCES INSTALLED 1 MOUNTABLE TO BE SIZE HAS NO DR ACCORDING
  - 6. LOCATION WHERE CON THE SITE M
- U.S. DEPAR  
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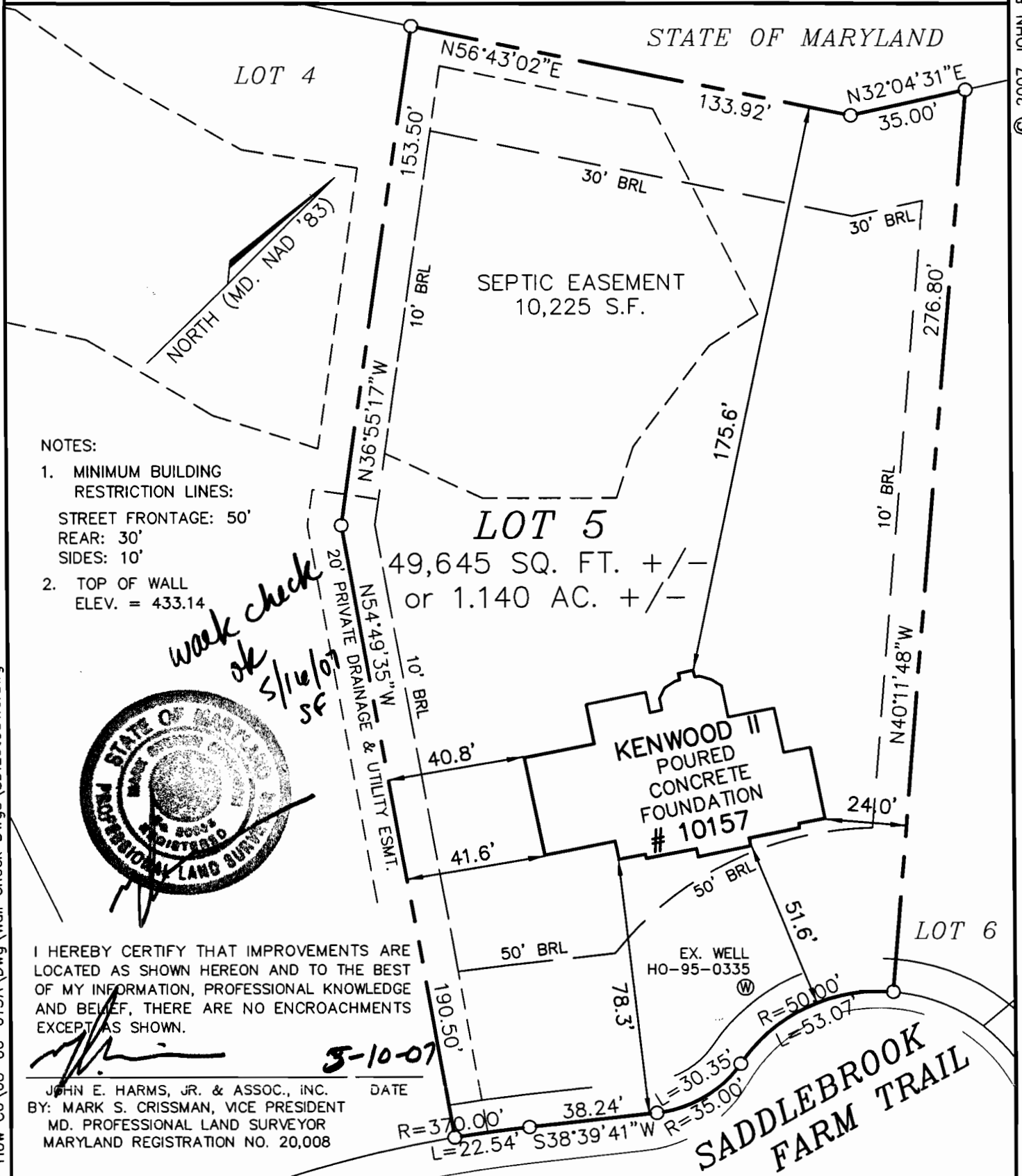


SCALE : 1" = 30'

LEGEND

**NOTES**

1. THIS IMPROVEMENT LOCATION DRAWING:
  - A. IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING;
  - B. IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS; AND
  - C. DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.
2. THE LEVEL OF ACCURACY AND ACCURACY OF APPARENT SETBACK DISTANCES IS ONE FOOT, MORE OR LESS.
3. THIS PLAT WAS PREPARED WITHOUT BENEFIT OF A TITLE REPORT.
4. RECORD PLAT IS TITLED "SUBDIVISION PLAT OF SADDLEBROOK FARM, LOTS 1-12, NON-BUILDABLE PRESERVATION PARCELS 'A'-'D', NON-BUILDABLE PARCEL 'E', AND BUILDABLE PRESERVATION PARCEL 'F' ", AND RECORDED AS PLAT #'S 18622 THRU 18624 ON 11-03-06 AMONG THE LAND RECORDS OF HOWARD COUNTY, MD.



I HEREBY CERTIFY THAT IMPROVEMENTS ARE LOCATED AS SHOWN HEREON AND TO THE BEST OF MY INFORMATION, PROFESSIONAL KNOWLEDGE AND BELIEF, THERE ARE NO ENCROACHMENTS EXCEPT AS SHOWN.

JOHN E. HARMS, JR. & ASSOC., INC.  
BY: MARK S. CRISSMAN, VICE PRESIDENT  
MD. PROFESSIONAL LAND SURVEYOR  
MARYLAND REGISTRATION NO. 20,008

DATE

WALL CHECK  
LOT 5

SADDLEBROOK FARM

Tax Map 11, Grid 13, Parcels 19 & 32

THIRD ELECTION DISTRICT

HOWARD COUNTY, MD

SCALE: 1" = 40'

DATE: Apr. 30, 2007

Craftmark Homes

Kenwood II

10157 Saddlebrook Farm Trail

**HARMS**

ENGINEERS • PLANNERS • SURVEYORS

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Office: 301-631-2027 Fax: 301-631-2028