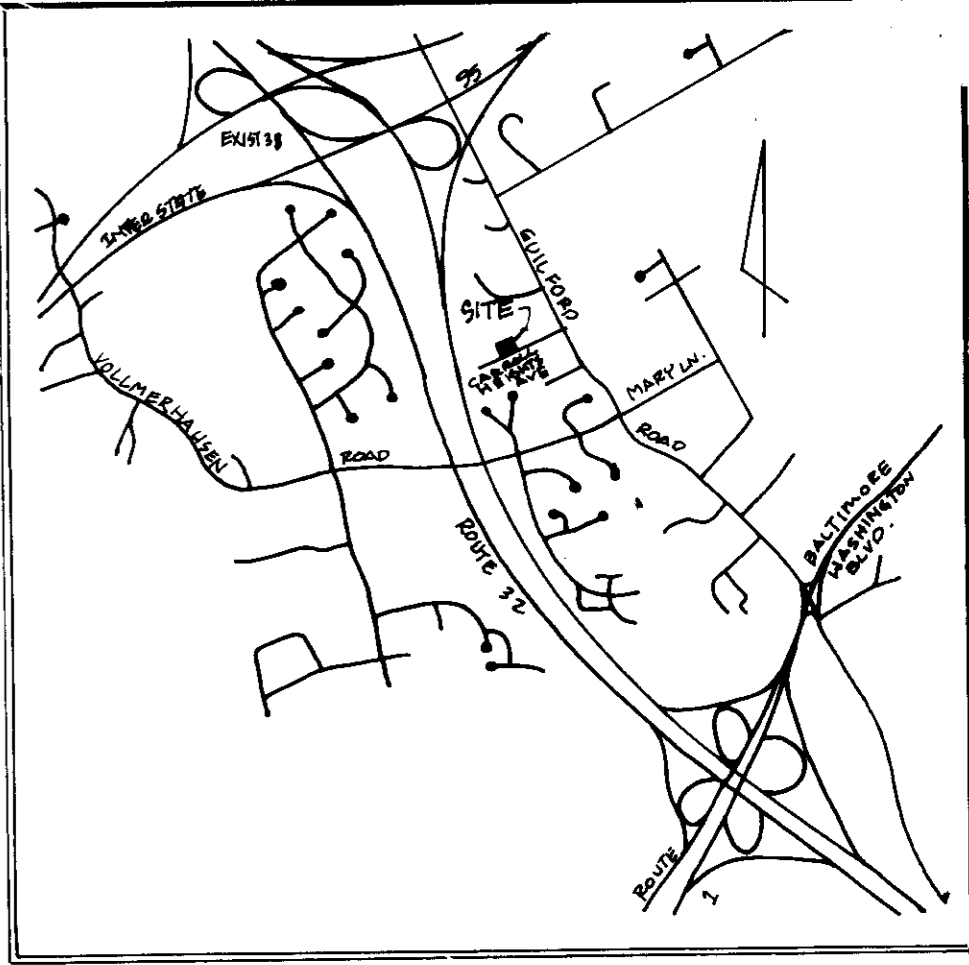
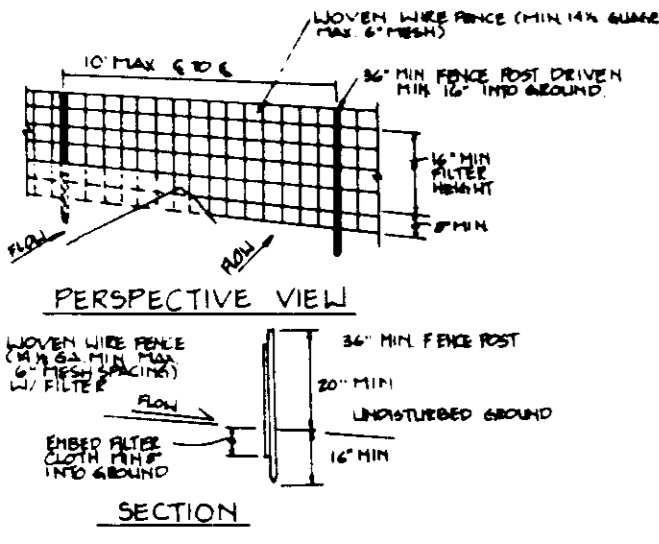


MINIMUM LOT SIZE TABULATION					ADDRESS CHART	
LOT #	GROSS AREA SQ. FT.	AREA OF FLOOD PLAINS / STEEP SLOPES	AREA OF PIPE STEM	CREDIT FOR 10% CREATED STEEP SLOPES	MIN LOT AREA	STREET ADDRESS
1	11,774 sq ft	0/683 sq ft	0	683 sq ft	11,159 sq ft	8940 CARROLL HEIGHTS AVE



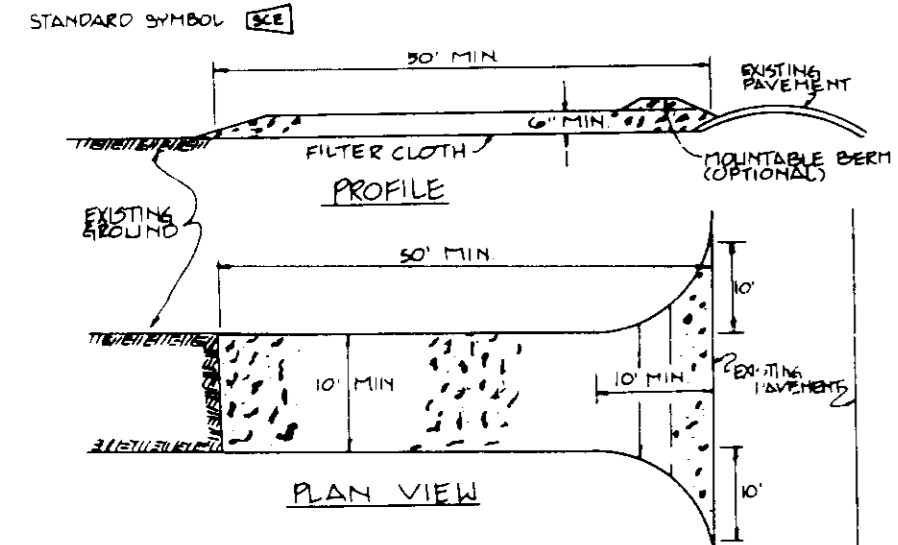
SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. NOTIFY HOWARD COUNTY SEDIMENT CONTROL IN WRITING. PROVIDE STABILIZATION PLAN.
3. INITIAL SEDIMENT CONTROL MEASURES AND STABILIZE.
4. EXCAVATE FOR FOUNDATIONS AND BOUNDARY GRADE LOT, STABILIZE WITH TEMPORARY SEEDING.
5. CONSTRUCT HOUSE AND DRIVEWAY.
6. FINAL GRADE. STABILIZE WITH PERMANENT SEEDING.
7. UPON APPROVAL OF SEDIMENT CONTROL INSPECTOR, REMOVE BERM AND SEDIMENT CONTROL MEASURES, AND STABILIZE.



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. LOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 2. FILTER CLOTH TO BE FASTENED SECURELY TO A LOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 3. WHEN TWO SECTIONS OF FILTER CLOTH MEET EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EITHER "1" OR "1 1/2" TYPE OR 2" HARDWOOD.
- FENCE: LOVEN WIRE, 14 GA. 6" MM. MESH OPENING.
- FILTER CLOTH: FILTER M. MIRAFF 100K, STABILINKA T100N OR APPROVED EQUAL.
- PREFABRICATED UNIT: GEOTAB, ENVIRONMENTAL, OR APPROVED EQUAL.



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE #2 STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 30 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN SIX (6) INCHES.
4. WIDTH - TEN (10) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OF DEBRIS OCCURS.
5. FILTER CLOTH - SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER SHALL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTAINABLE BERM WITH 3:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEAN OUT ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH OPERATES AS A SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTIONS AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

LEGEND

- 244 EX. CONTOUR
- 274 PROPOSED CONTOUR
- LIMIT OF DISTURBANCE
- S-S- SILT FENCE
- SCS STABILIZED CONSTRUCTION ENTRANCE
- > DIRECTION OF DRAINAGE
- 270+1 PROPOSED GPT ELEVATION

PERMANENT SEEDING NOTES

- APPLY TO GRADED OR CLEARED AREA NOT SUBJECT TO IMMEDIATE FURTHER DISTURBANCE WHERE A PERMANENT LONG-LIVED VEGETATIVE COVER IS NEEDED.
- SEEDING PREPARATIONS: 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:
1. PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (80 LBS/1000 SQ. FT.) AND 800 LBS/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/3000-SQUARE-FOOT FERTILIZER (18 LBS/1000 SQ. FT.).
 2. ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (80 LBS/1000 SQ. FT.) AND 100 LBS/ACRE 10-10-10 FERTILIZER (23 LBS/1000 SQ. FT.) BEFORE SEEDING. HARROW OR DISC INTO UPPER THREE-INCHES OF SOIL.
- SEEDING: FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU OCTOBER 15, SEED WITH 80 LBS PER ACRE (11.4 LBS/1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 80 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.25 LBS/1000 SQ. FT.) OF KEEPING LOWGROWER. 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 SOIL. OPTION (3) SEED WITH 80 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 GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GAL. PER ACRE (15 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS OR SLOPES 3 FT. OR HIGHER. USE 348 GAL. PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.
- REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL PROVISION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

SEDIMENT CONTROL NOTES

1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE STARTS OF ANY CONSTRUCTION.
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 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3. FOLLOWING INITIAL SOIL DISTURBANCE OR RESTORATION, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN A 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES, DIKES, OR TEMPORARY STABILIZATION ON GRADED AREAS ON THE PROJECT SITE.
4. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT OR TEMPORARY STABILIZATION. TEMPORARY SEEDING (SEC. 20) AND SEEDING (SEC. 21) 500 (SEC. 24) TEMPORARY SEEDING (SEC. 20) AND SEEDING (SEC. 21) 500 (SEC. 24) TEMPORARY SEEDING WITH PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
5. 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.
6. CITY ANALYSIS: TOTAL AREA OF SITE: 11,774 SQ. FT. AREA TO BE GRADED OR PAVED: 2,655 SQ. FT. AREA TO BE VEGETATIVELY STABILIZED: 2,105 SQ. FT. TOTAL FILL: 74 CY. TOTAL EROSION CONTROL AREA LOCATION: N/A.
7. ALL SEDIMENT CONTROL PRACTICES WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
8. ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPW SEDIMENT CONTROL INSPECTOR.

TEMPORARY SEEDING NOTES

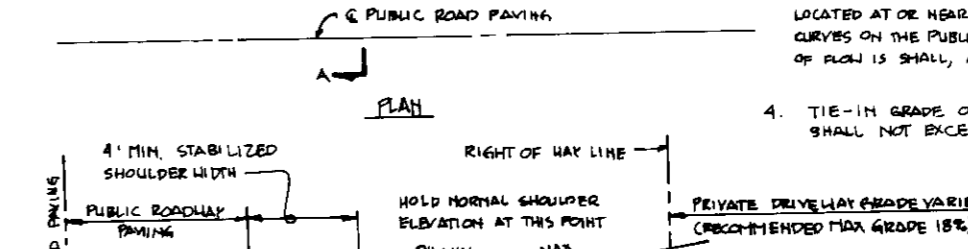
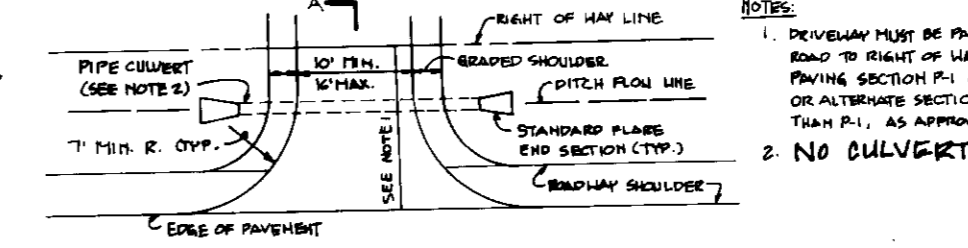
- APPLY TO GRADED OR CLEARED AREAS LIKELY TO BE RESTORED WHERE A SHORT-TERM VEGETATIVE COVER IS NEEDED.
- SEEDING PREPARATIONS: LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISKING, OR OTHER ACCEPTABLE MEANS BEFORE SEEDING. IF NOT PREVIOUSLY LOOSENED.
- SOIL AMENDMENTS: APPLY 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SQ. FT.).
- SEEDING: FOR PERIOD MARCH 4 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE KEEPING LOWGROWER (1.7 LBS/1000 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 SOIL.
- MULCHING: APPLY 1 1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SQ. FT.) OF UNROTTED SMALL GRASS STRAW IMMEDIATELY AFTER SEEDING. ANCHOR MULCH IMMEDIATELY AFTER APPLICATION USING MULCH ANCHORING TOOL OR 210 GAL. PER ACRE (15 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS OR SLOPES 3 FT. OR HIGHER USE 348 GAL. PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.
- REFER TO 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

DEVELOPER: MR. THEODORE VAUGHAN 8936 CARROLL HETS. AVE. JESSUP, MARYLAND 301-792-4761	OWNER: MR. THEODORE VAUGHAN 8936 CARROLL HETS. AVE. JESSUP, MARYLAND 301-792-4761	SUBDIVISION NAME "VAUGHAN SUBDIVISION" PLAT OR L/P BLOCK 8842 ZONE R-12 WATER CODE 3 W	TAX MAP 42 ELECT. DIST. 62B SEWER CODE: 350-S
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SITE DEVELOPMENT PLAN
SINGLE - FAMILY DETACHED RESIDENCE
LOT 1 "VAUGHAN SUBDIVISION"
PLAT NUMBER: 8842 TAX MAP 42 PARCEL 52
6TH ELECTION DISTRICT HOWARD COUNTY, MD.
SCALE: 1"=30' DATE: FEB. 19, 1990

GENERAL NOTES

1. ALL PROPERTIES SHOWN HEREON ZONED R-12.
2. BUILDING COVERAGE - 10%.
3. BASED ON TOPOGRAPHIC SURVEY BY SHANNBERGER & LANE 1/4/89.
4. THERE ARE 2 PARKING SPACES WITHIN THE GARAGE.
5. SITE ANALYSIS:
AREA OF PARCEL: 11,774 SQ. FT.
PRESENT ZONING: R-12
NO. OF PARKING SPACES REQUIRED: 2
NO. OF PARKING SPACES PROVIDED: 2
BUILDING COVERAGE: 10%
OPEN SPACE TO REMAIN ON SITE: 0
DRIVEWAY COVERAGE OF SITE: 107,000 SQ. FT.
DRIVEWAY COVERAGE OF SITE: 7800 SQ. FT.
NO. OF PARKING SPACES PROVIDED: 2
SUBJECT PROPERTY VAUGHAN SUB. LOT 2 DEED REF. PLAT # 8842
STORMWATER MANAGEMENT HAS PROVIDED BY N/A
SEE PREVIOUS FILE NUMBER: EC-89-2580
10. THERE ARE NO WETLANDS OR STREAMS LOCATED ON THIS PROPERTY.



"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. THIS PLAN WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

Scott Shanaberger
SCOTT SHANBERGER
PROFESSIONAL LAND SURVEYOR # 10849

2/23/90
DATE

DEVELOPER'S CERTIFICATE

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THESE PLANS, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES 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."

Theodore Vaughan
THEODORE VAUGHAN
DATE: 2/22/90

THESE PLANS HAVE BEEN REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEET TECHNICAL REQUIREMENTS FOR SOIL EROSION AND SEDIMENT CONTROL.

James M. Hahn
JAMES M. HAHN
SOIL CONSERVATION SERVICE DATE: 4-19-90

THESE PLANS FOR SOIL EROSION AND SEDIMENT CONTROL MEET THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

John L. Robertson
JOHN L. ROBERTSON
HOWARD SOIL CONSERVATION DISTRICT DATE: 4/12/90

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS HOWARD HEALTH DEPARTMENT

John J. Boyle
JOHN J. BOYLE
COUNTY HEALTH OFFICER DATE: 4-28-90

APPROVED: DEPARTMENT OF PLANNING AND ZONING OF HOWARD COUNTY

John S. I. 90
JOHN S. I.
PLANNING DIRECTOR DATE: 5.1.90

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

James G. Shaw
JAMES G. SHAW
DIRECTOR DATE: 4-24-90

James G. Shaw
JAMES G. SHAW
CHIEF BUREAU OF ENGINEERING DATE: 4-24-90

SHANBERGER & LANE
5126 TOWN & COUNTRY BLVD.
SUITE 106 & 107
ELLCOTT CITY, MD. 21043
(301) 461-9563

DESIGNED E.C.F. DRAWN E.C.F. CHECKED G.S.S. DATE BY No	REVISION	DATE
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DEVELOPER: MR. THEODORE VAUGHAN 8936 CARROLL HETS. AVE. JESSUP, MARYLAND 301-792-4761	OWNER: MR. THEODORE VAUGHAN 8936 CARROLL HETS. AVE. JESSUP, MARYLAND 301-792-4761	SUBDIVISION NAME "VAUGHAN SUBDIVISION" PLAT OR L/P BLOCK 8842 ZONE R-12 WATER CODE 3 W	TAX MAP 42 ELECT. DIST. 62B SEWER CODE: 350-S
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