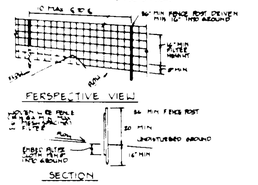
MINIMUM LOT SIZE TABULATION

LOT #	GROSS AREA	AREA OF FLOOD PLAINS / STEEP SLOPES	AREA OF PIPE STEM	CREDIT FOR 10% CREATED STEEP SLOPES	MIN LOT AREA
1	18,264 ± SF OR 0.905 AC±	12,693 ± SF OR 0.291 AC±	0	0	13,001 ± SF OR 0.276 AC±
2	14,481 ± SF OR 0.587 AC±	480 ± SF OR 0.011 AC±	0	0	13,001 ± SF OR 0.276 AC±



CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

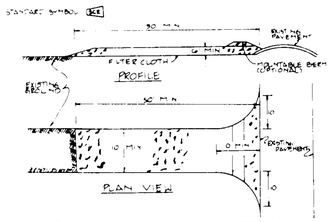
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO A WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD.

FENCE: WOVEN WIRE, 14 GA. 6" MAX. MESH OPENING.

FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL.

PREFABRICATED UNITS: GEOFAB, ENVIROFENCE, OR APPROVED EQUAL.

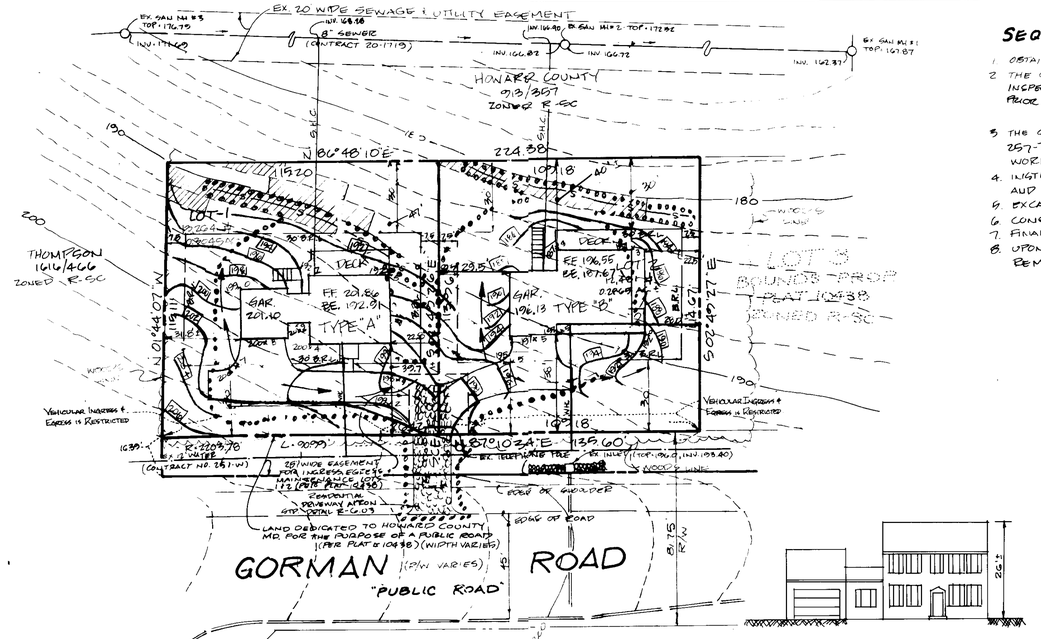


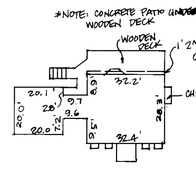
STABILIZED CONSTRUCTION ENTRANCE

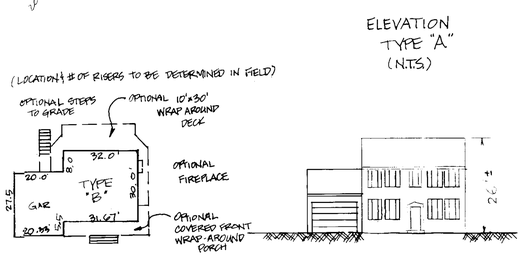
N.T.S.

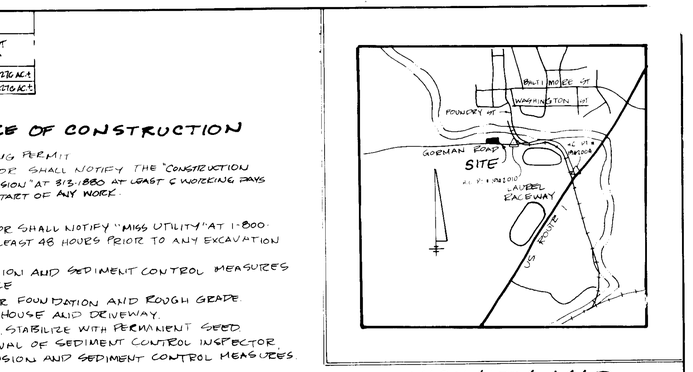
CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 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 OR EGRESS OCCURS.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER WILL 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 MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING 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 - 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 DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTIONS ARE NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.









VICINITY MAP

SCALE 1" = 2000'

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. THE CONTRACTOR SHALL NOTIFY THE "CONSTRUCTION INSPECTION DIVISION" AT 313-1880 AT LEAST 5 WORKING DAYS PRIOR TO THE START OF ANY WORK.
3. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK.
4. INSTALL EROSION AND SEDIMENT CONTROL MEASURES AND STABILIZE.
5. EXCAVATE FOR FOUNDATION AND ROUGH GRADE.
6. CONSTRUCT HOUSE AND DRIVEWAY.
7. FINAL GRADE STABILIZE WITH PERMANENT SEED.
8. UPON APPROVAL OF SEDIMENT CONTROL INSPECTOR REMOVE EROSION AND SEDIMENT CONTROL MEASURES.

GENERAL NOTES

1. AREA OF PARCEL : 29,746 ± SF OR 0.682 AC ±
2. ZONING : R-SC
3. PROPOSED USE: SINGLE FAMILY RESIDENTIAL
4. DECLARATION OF MAINTENANCE OBLIGATION FOR THE USE-IN-COMMON DRIVEWAY RECORDED IN LIBER 2578 FOLIO 468.
5. NO OF LOTS : 2.
6. WP 91-08 WAS APPROVED ON OCT. 9, 1990 TO ALLOW DIRECT DRIVEWAY ACCESS TO GORMAN ROAD AND WP 92-169 WAS APPROVED ON APRIL 16, 1992 TO REACTIVATE THE FINAL PLAT APPROVAL FOR THIS SUBDIVISION; FINAL PLAT WAS RECORDED ON 11/12/93.
7. BUILDING COVERAGE OF SITE : 2006 ± SF OR 11.3%
8. PAYMENT OF A FEE-IN LIEU OF STORMWATER MANAGEMENT WAS APPROVED ON 11/12/93.
9. TOPOGRAPHIC SURVEY PERFORMED IN APRIL OF 1990 BY SHANABERGER & LANE. BENCHMARK: HOWARD CO. TRAV. # 1942004 EL 158.021 HORIZONTAL DATUM: HOWARD COUNTY TRAV. # 1942004 & 1942010
10. UTILITIES WERE FIELD LOCATED (EXCEPT 12" WATER MAIN).
11. ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY WILL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
12. TITLE REF: L 2663, F 182.
13. THE FINAL PLAT OF THE "BOUNDS PROPERTY" WAS RECORDED BEFORE MARCH 12, 1993, THEREFORE A LANDSCAPE PLAN IS NOT REQUIRED.

LEGEND

- EX. WOODS LINE
- EX. CONTOURS
- 100 PROP. CONTOURS
- LIMIT OF DISTURBANCE
- -S- SILT FENCE
- STEEP SLOPES

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
1	10056 GORMAN ROAD
2	10052 GORMAN ROAD

"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 10/23/13

SCOTT SHANABERGER, PROFESSIONAL LAND SURVEYOR # 10849 — 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.

Gerald Keating President Patuxent Builders Inc 10/21/13

NAME AND TITLE — DATE

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, IF NOT PREVIOUSLY LOOSENED.

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

1. PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 600 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/ 30-0-0 UREAFORM FERTILIZER (9 LBS/1000 SQ. FT.).
2. ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SQ. FT.) AND 100 LBS/ACRE 10-10-10 FERTILIZER (2.3 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 50 LBS PER ACRE (1.4 LBS /1000 SQ. FT.) OF KENTUCKY 31 TALL FESCUE. FOR THE PERIOD MAY 1 THRU JULY 31, SEED WITH 40 LBS KENTUCKY 31 TALL FESCUE PER ACRE AND 2 LBS PER ACRE (.05 LBS /1000 SQ. FT.) OF WEEPING LOVEGRASS. 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 SOD. 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 GAL. PER ACRE (5 GAL/1000 SQ. FT.) OF EMULSIFIED ASPHALT ON FLAT AREAS, 20% SLOPES & 8" OR HIGHER. USE 348 GAL. PER ACRE (8 GAL/1000 SQ. FT.) FOR ANCHORING.

REFER TO THE LATEST APPROVED STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

SEDIMENT CONTROL NOTES

A PRE-CONSTRUCTION MEETING MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTIONS AND PERMITS PRIOR TO THE STARTS OF ANY EARTH DISTURBANCE.

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 HANDBOOK STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.

ALL EARTH DISTURBANCE OR REDISTURBANCE: PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN: A) 7 CALENDAR DAYS FOR ALL PERIMETER SEDIMENT CONTROL STRUCTURES DIKES AND SWALES THAT ARE REDISTURBED. B) 14 DAYS AS TO REDISTURBED SLOPES ARE ALL SLOPES GREATER THAN 3:1, C) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.

ALL PERIMETER CONTROLS/DIKES/SWALES SHALL BE FENCED AND MAINTAINED SO AS TO ASSURE THEIR INTENDED PURPOSE. ALL PERIMETER IN ACCORDANCE WITH VOL. 1: CHAPTER 2 OF THE HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.

ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIODS SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS SEE SEC. 51 AND SEC. 52 AND TEMPORARY SEEDING SEC. 50 AND SEC. 52. TEMPORARY STABILIZATION WITH PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.

ALL SEDIMENT CONTROL DEVICES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN A FULLY FUNCTIONAL CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

	LOT 1	LOT 2
TOTAL AREA OF SITE:	0.905 AC ±	0.765 AC ±
AREA DISTURBED:	0.184 AC ±	0.171 AC ±
AREA TO BE PAVED OR BUILT ON (IMPERVIOUS AREA):	0.079 AC ±	0.060 AC ±
AREA TO BE VEGETATIVELY STABILIZED:	0.107 AC ±	0.111 AC ±
TOTAL CUT:	201 CY	267 CY
TOTAL FILL:	201 CY	267 CY

OFF-SITE WASTE AREA LOCATION: TO BE DETERMINED BY CONTRACTOR

ALL SEDIMENT TRAPPING DEVICES WILL BE CLEANED OUT WHEN THEY REACH 1/2 THE HEIGHT OF THE BARRIER.

ANY SLOPE WITH A GRADE OF 3:1 OR GREATER THAT IS DISTURBED BY GRADING ACTIVITIES SHALL BE PROVIDED WITH SOIL STABILIZATION MATTING. ALL MATTING MUST BE PLACED ON THE SLOPE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. ALL SLOPES STEEPER THAN 3:1 MUST BE REPAIRED ON THE SAME DAY THAT ANY SLIPPAGE OCCURS.

ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.

TEMPORARY SEEDING NOTES

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

SEEDBED PREPARATIONS: LOOSEN UPPER 3 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 (14 LBS PER 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 PER 1000 SQ. FT.). FOR THE PERIOD MAY 1 THRU AUGUST 14 SEED WITH 3 LBS PER A FF SEEDING LOVEGRASS (.07 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 SOD.

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 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.

REFER TO THE LATEST APPROVED STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED.

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

U.S. SOIL CONSERVATION SERVICE — DATE 12/09/93

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

COUNTY HEALTH OFFICER — DATE 1/7/94

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

HOWARD SOIL CONSERVATION DISTRICT — DATE 12/29/93

APPROVED: DEPARTMENT OF PLANNING AND ZONING OF HOWARD COUNTY

PLANNING DIRECTOR — DATE 1/12/94

DIVISION OF LAND DEVELOPMENT AND RESEARCH — DATE 1/12/94

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

DIRECTOR — DATE 1/5/94

CHIEF BUREAU OF ENGINEERING — DATE 1/6/94

SHANABERGER & LANE
8126 TOWN & COUNTRY BLVD
SUITE 104
ELLICOTT CITY, MD. 21043
(410) 461-9563

DEVELOPER: PATUXENT BUILDERS INC. P.O. BOX 906 SAVAGE MD 20763 (301) 792-4588

OWNER: PATUXENT BUILDERS INC. PO BOX 906 SAVAGE, MD 20763 (301) 792-4588

SUBDIVISION NAME				SECTION/AREA	LOT/PARCEL
BOUNDS PROPERTY				—	P. 341
PLAT OR L/F	BLOCK	ZONE	TAX MAP	ELECT DIST	CENSUS TRACT
10438	17	R-SC	47	6TH	6069.08
WATER CODE: 2517-W			SEWER CODE: 20-1719		

DESIGNED	(CHKD) JAL	NO	REVISION	DATE
DRAWN		1.	REV. HOUSE & GRADING LOTS 1 & 2.	11-8-94
CHECKED				
DATE	BY			

SITE DEVELOPMENT PLAN
SINGLE FAMILY DETACHED RESIDENTIAL
"BOUNDS PROPERTY" LOTS 1 & 2

PLAT # 10438 TAX MAP 47 PARCEL 341

6TH ELECTION DISTRICT HOWARD COUNTY, MD.

SCALE: 1" = 50' JULY 20, 1993

SCALE: 1" = 50'

SHEET 1 OF 1

SDP-94-43