

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER (S/M) *James M. ...* DATE 7-12-91
 APPROVED THE DEPARTMENT OF PLANNING AND ZONING
 DIRECTOR *...* DATE 9/17/91
 CHIEF, DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
 STORM DRAINAGE SYSTEMS & PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR *...* DATE 9-6-91
 CHIEF BUREAU OF ENGINEERING *...* DATE 9-6-91

- GENERAL NOTES**
- Reference S-86-57, P07-27, F80-57, F90-184
 - Water and Sewer facilities are provided (Public Owned)
 - Minimum building setbacks shall be in accordance with the building restriction lines on the recorded plat
 - Stormwater Management is provided in Burleigh Manor, Section 3, Area 3, Reference F-80-07

- LEGEND**
- 320--- Proposed Contour
 - 320--- Existing Contour
 - Concrete Walk
 - Existing Fire Hydrant
 - BRL Building Restriction Line
 - WHC Water House Connection
 - SHC Sewer House Connection

SITE ANALYSIS

Existing Zoning R-20
 Number of Lots 3
 Total Area 1,301 Acres
 Density 3/1301 2.30 Dwellings/Acre

SUBDIVISION NAME		SECT/AREA	LOT NO'S
BURLEIGH MANOR		2/3	416, 421, 757
PLAT	BLOCK	ZONE	TAX/ZONEMAP/LEC DIST
7574 7575	13	R-20	2 602301
WATER CODE		SEWER CODE	
JO 1		5041600	

3/22/91	MODEL TYPE 3	
REV DATE	REV NO	REVISION DESCRIPTION
BURLEIGH MANOR 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
DEVELOPER TOLL BROTHERS, INC.		
PROJECT AREA BURLEIGH MANOR SECTION 3 AREA 3		
PROJECT TITLE Site Development Plan Section 3 Area 3 - Lots 416, 421 and 757		
Sheet 1 of 2		
SCALE 1"=30'		DATE 8-9-91
WHITMAN, REQUARDT AND ASSOCIATES ENGINEERS BALTIMORE, MARYLAND		
OWNER TOLL BURLEIGH INC. 10005 OLD COLUMBIA ROAD, SUITE N-160 COLUMBIA, MARYLAND 21046		<i>Thomas J. Shaper</i> THOMAS J. SHAPER REGISTERED ENGINEER NO. 8457

LOT NUMBER	STREET ADDRESS	BUILDING COVERAGE			SHC INVERT
		LOT AREA	HOUSE AREA	% COVERAGE	
416	10306 Newgate Court	19276 SF	2025 SF	10.5%	468.12
421	10309 Newgate Court	16911 SF	2025 SF	12.0%	472.68
757	10311 Newgate Court	20342 SF	2499 SF	12.3%	472.68

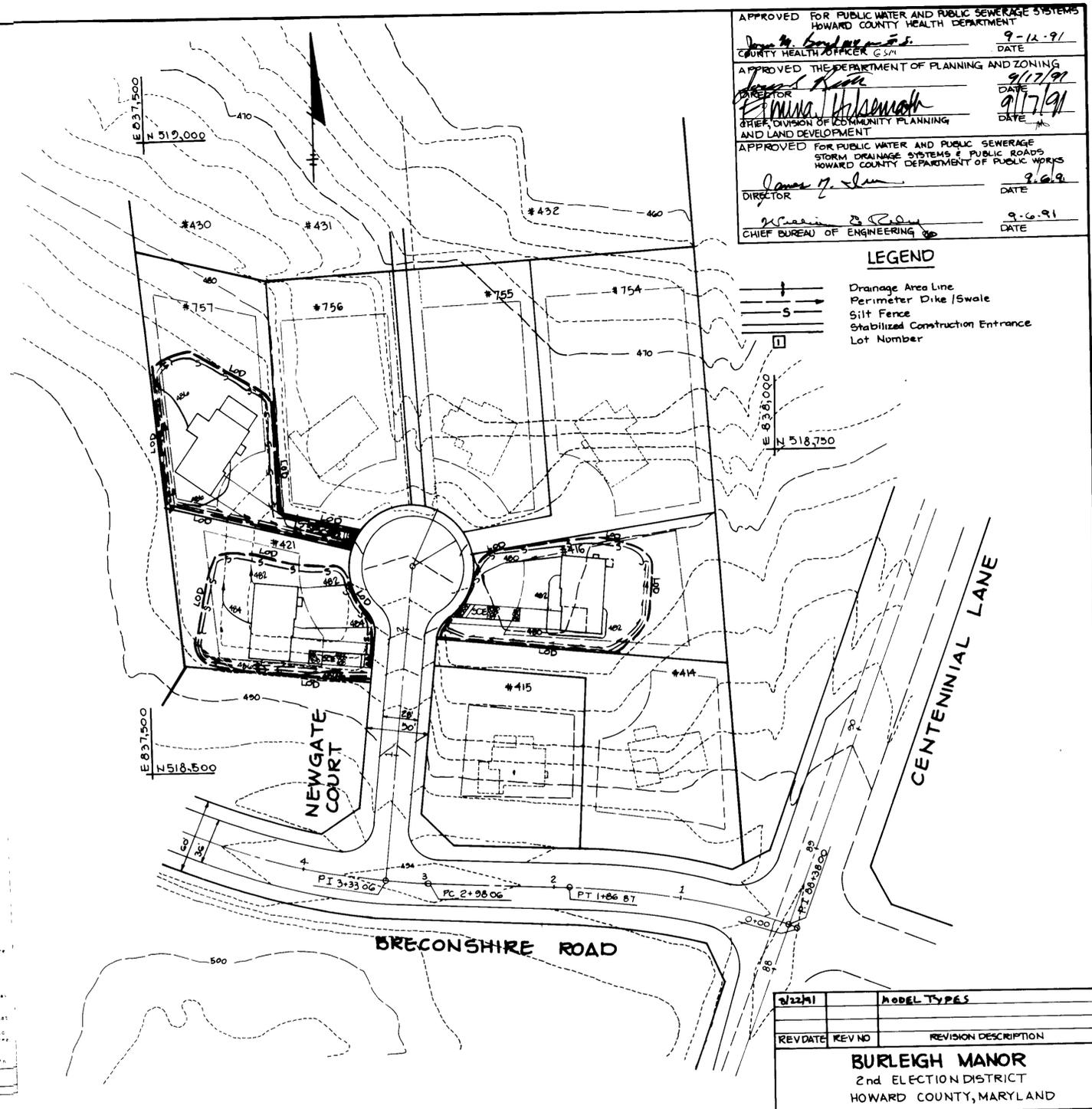
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
DATE 9-12-91
COUNTY HEALTH OFFICER G.S.M.

APPROVED THE DEPARTMENT OF PLANNING AND ZONING
DATE 9/17/91
DIRECTOR *James J. Shafer*
DATE 9/17/91
CHIEF DIVISION OF COMMUNITY PLANNING AND LAND DEVELOPMENT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
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CHIEF BUREAU OF ENGINEERING

LEGEND

- Drainage Area Line
- Perimeter Dike / Swale
- Silt Fence
- Stabilized Construction Entrance
- Lot Number



PERMANENT SEEDING NOTES

APPLY TO GRADED OR CLEARED AREAS 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

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

- 1) PREFERRED - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SF) AND 600 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SF) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL AT TIME OF SEEDING APPLY 400 LBS PER ACRE 30-0-0 UREAFORM FERTILIZED (9 LBS/1000 SF)
- 2) ACCEPTABLE - APPLY 2 TONS PER ACRE DOLOMITIC LIMESTONE (92 LBS/1000 SF) AND 1000 LBS PER ACRE 10-10-10 FERTILIZER (23 LBS/1000 SF) BEFORE SEEDING HARROW OR DISC INTO UPPER THREE INCHES OF SOIL

SEEDING FOR THE PERIODS MARCH 1 THRU APRIL 30, AND AUGUST 1 THRU DECEMBER 14, SEED WITH 60 LBS PER ACRE (14 LBS/1000 SF) 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 (0.06 LBS/1000 SF) 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 PER ACRE KENTUCKY 31 TALL FESCUE AND MULCH WITH 2 TONS PER ACRE WELL ANCHORED STRAW

MULCHING APPLY 1-1/2 TO 2 TONS PER ACRE (70 TO 90 LBS/1000 SF) 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 SF) OF EMULSIFIED ASPHALT ON FLAT AREAS ON SLOPES 6 FEET OR HIGHER USE 348 (8 GAL/1000 SF) 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

SEEDBED PREPARATION LOOSEN UPPER THREE INCHES OF SOIL BY RAKING, DISCING OR OTHER ACCEPTABLE MEANS BEFORE SEEDING

SOIL AMENDMENTS APPLY 60 LBS PER ACRE 10-10-10 FERTILIZER (14 LBS/1000 SF)

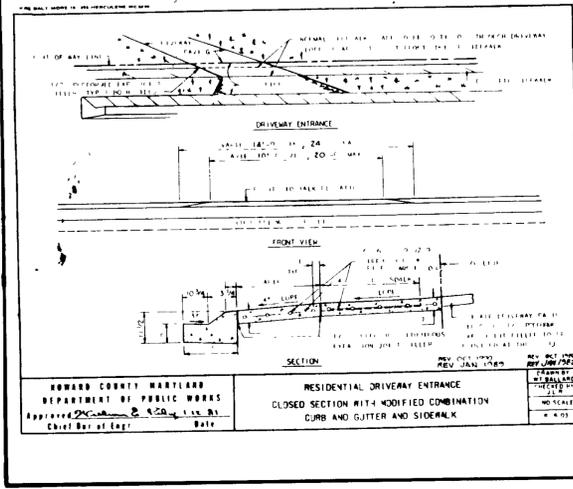
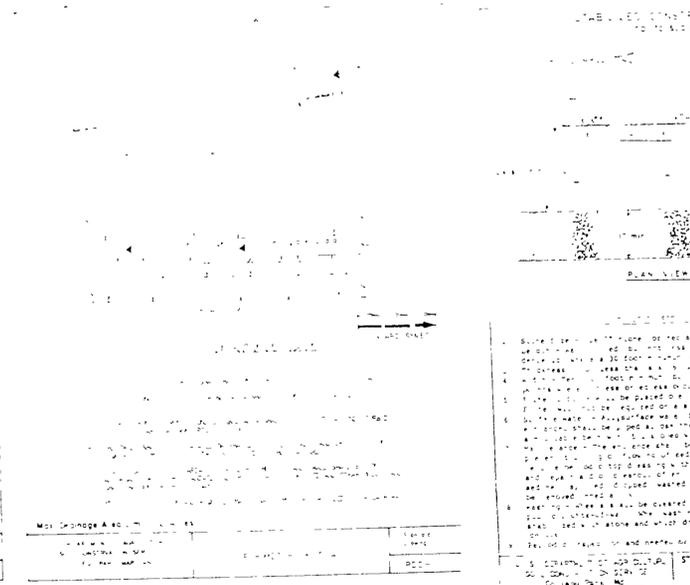
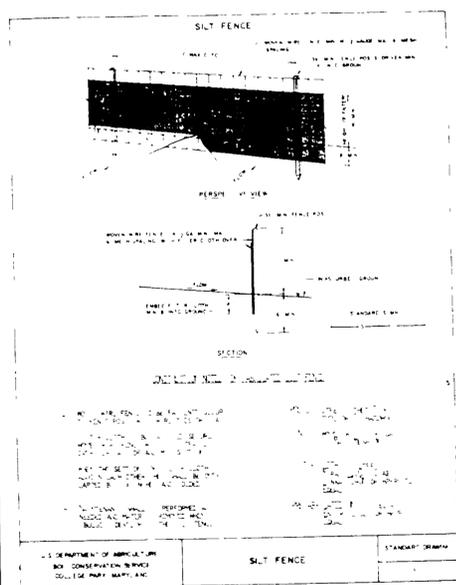
SEEDING FOR PERIODS MARCH 1 THRU APRIL 30 AND FROM AUGUST 15 THRU NOVEMBER 15, SEED WITH 2 1/2 BUSHEL PER ACRE OF ANNUAL RYE (3.2 LBS/1000 SF) FOR THE PERIOD MAY 1 THRU AUGUST 14, SEED WITH 3 LBS PER ACRE OF WEEPING LOVEGRASS (0.07 LBS/1000 SF) FOR THE PERIOD NOVEMBER 16 THRU FEBRUARY 28, PROTECT SITE BY APPLYING 2 TONS PER ACRE OF WELL ANCHORED STRAW 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 SF) 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 SF) OF EMULSIFIED ASPHALT ON FLAT AREAS ON SLOPES 6 FT OR HIGHER, USE 348 GAL PER ACRE (8 GAL/1000 SF) FOR ANCHORING

REFER TO THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION 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 INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (892-2437)
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 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
4. ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOLUME 1 CHAPTER 12, OF THE HOWARD COUNTY DESIGN MANUAL STORM DRAINAGE
5. ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC 51) AND (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
6. ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND TO BE MAINTAINED IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR
7. SITE ANALYSIS OF SITE
 - TOTAL AREA OF SITE
 - AREA DISTURBED
 - AREA TO BE ROOFED OR PAVED
 - AREA TO BE VEGETATIVELY STABILIZED
 - TOTAL CUT
 - TOTAL FILL
 - OFFSITE WASTE/BORROW LOCATION
8. ANY SEDIMENT CONTROL DEVICE 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 DPW SEDIMENT CONTROL INSPECTOR
10. ON ALL SITES WITH DISTURBED AREA IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON 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



Certification No wetlands are impacted by this construction and water quality will not be affected. Section 401 and Section 404 are not applicable and permits are not required.

Thomas J. Shafer
THOMAS J. SHAFER
REG NO 8457

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. INSTALL AND STABILIZE ALL SEDIMENT AND EROSION CONTROL MEASURES. (1 DAY).
3. CONSTRUCT DWELLINGS AND APPURTENANCES. (3 MONTHS).
4. STABILIZE SITE AS PER PERMANENT SEEDING SPECIFICATIONS, SEE NOTES ON THIS SHEET.
5. REMOVE TEMPORARY SEDIMENT CONTROL MEASURES AND STABILIZE ANY REMAINING AREAS AFTER APPROVAL BY SEDIMENT CONTROL INSPECTOR.

CERTIFICATION BY THE ENGINEER

"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 HOWARD SOIL CONSERVATION DISTRICT"

Thomas J. Shafer 8/12/91
THOMAS J. SHAFER DATE

CERTIFICATION BY THE DEVELOPER

"I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPT 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 OR THEIR AUTHORIZED AGENTS AS ARE DEEMED NECESSARY."

T.J. Purnak 8-19-91
T. J. PURNAK DATE

REVIEWED FOR HOWARD COUNTY S.C.D. AND MEETS TECHNICAL REQUIREMENTS

James J. Shafer 8/28/91
J. S. SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT

APPROVED *John Robert* 8/26/91
HOWARD S.C.D. DATE

REV DATE	REV NO	REVISION DESCRIPTION
8/22/91		MODEL TYPES
BURLEIGH MANOR 2nd ELECTION DISTRICT HOWARD COUNTY, MARYLAND		
DEVELOPER TOLL BROTHERS, INC		
PROJECT AREA BURLEIGH MANOR SECTION 3 AREA 3		
PROJECT TITLE: Sediment Control Plan Area Details Section 3 Area 3-Lots 416, 421 and 157		
Sheet 2 of 2		
SCALE 1"=50'		DATE 8-9-91
WHITMAN, REQUARDT AND ASSOCIATES ENGINEERS BALTIMORE, MARYLAND		
<i>Thomas J. Shafer</i> THOMAS J. SHAFER REGISTERED ENGINEER NO 8457		