

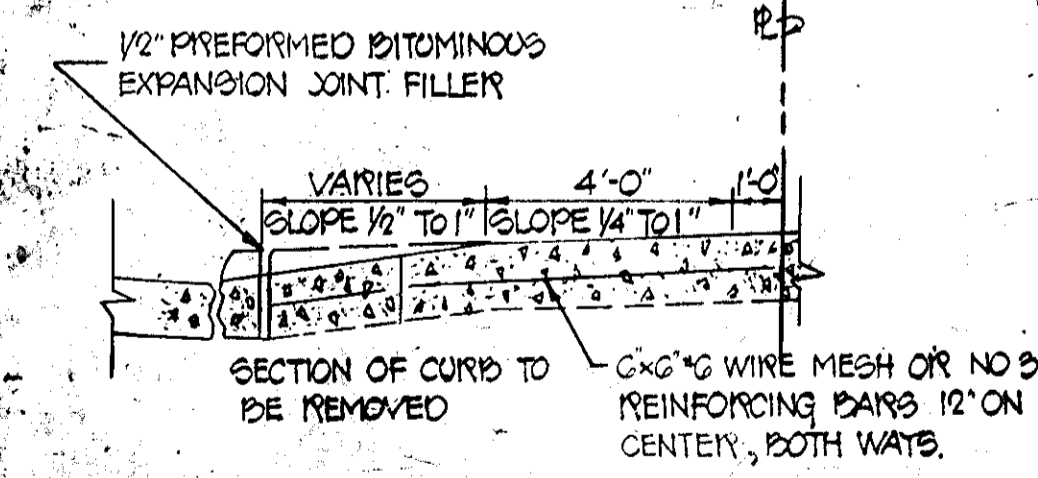
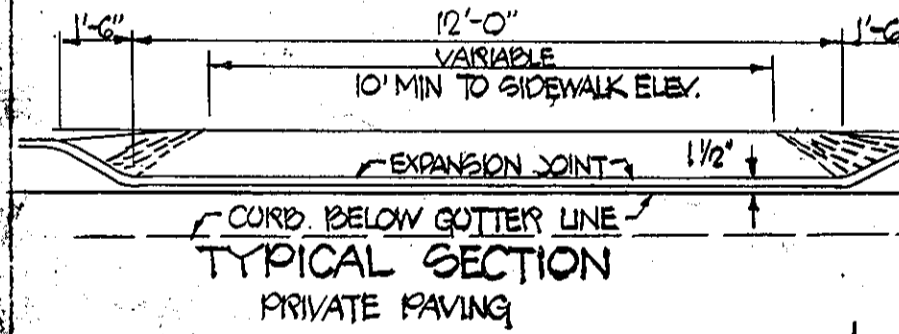
**DENSITY CALCULATIONS**

TOTAL NO OF RESIDENTIAL LOTS	6
TOTAL ACREAGE OF LOTS	-2.20 AC ±
TOTAL ACREAGE OF SUBMISSION	-2.20 AC ±

APPROVED  
DIVISION OF LAND DEVELOPMENT  
AND TRANSPORTATION PLANNING  
HOWARD COUNTY, MARYLAND  
DATE 10/15/73  
J.M.P.

**GENERAL NOTES**

1. ALL MATERIALS AND CONSTRUCTION WILL BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
2. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-20-2 AS PROVIDED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
3. TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-01-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
4. PORTION OF DRIVEWAY BETWEEN CURB & RIGHT OF WAY LINE WILL BE MAINTAINED BY LAND OWNER OF LOT TO BE SERVED.
  - 5. PRESENT ZONING - NEW TOWN - SINGLE FAMILY
  - 6. PROPOSED ZONING - NEW TOWN - SINGLE FAMILY



SITE PLAN  
COLOMBIA

"LONG REACH"  
VILLAGE OF LONG REACH

6<sup>TH</sup> ELECTION DISTRICT HOWARD COUNTY MARYLAND  
SCALE 1"=20'  
JUNE 20, 1973

WALTER PARK REG. NO. 15,859  
M.E. HUDKINS & ASSOCIATES  
SUITE 201 JOSEPH SQUARE  
COLUMBIA, MD 21044

**PROFESSIONAL ENGINEER**  
I CERTIFY THAT THE PLAN OF DEVELOPMENT AND PLAN FOR CONTROL OF SILT AND EROSION MEETS THE REQUIREMENTS, STANDARDS AND SPECIFICATIONS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
Signature: Howard M. Kala...  
DATE: 7/10/73

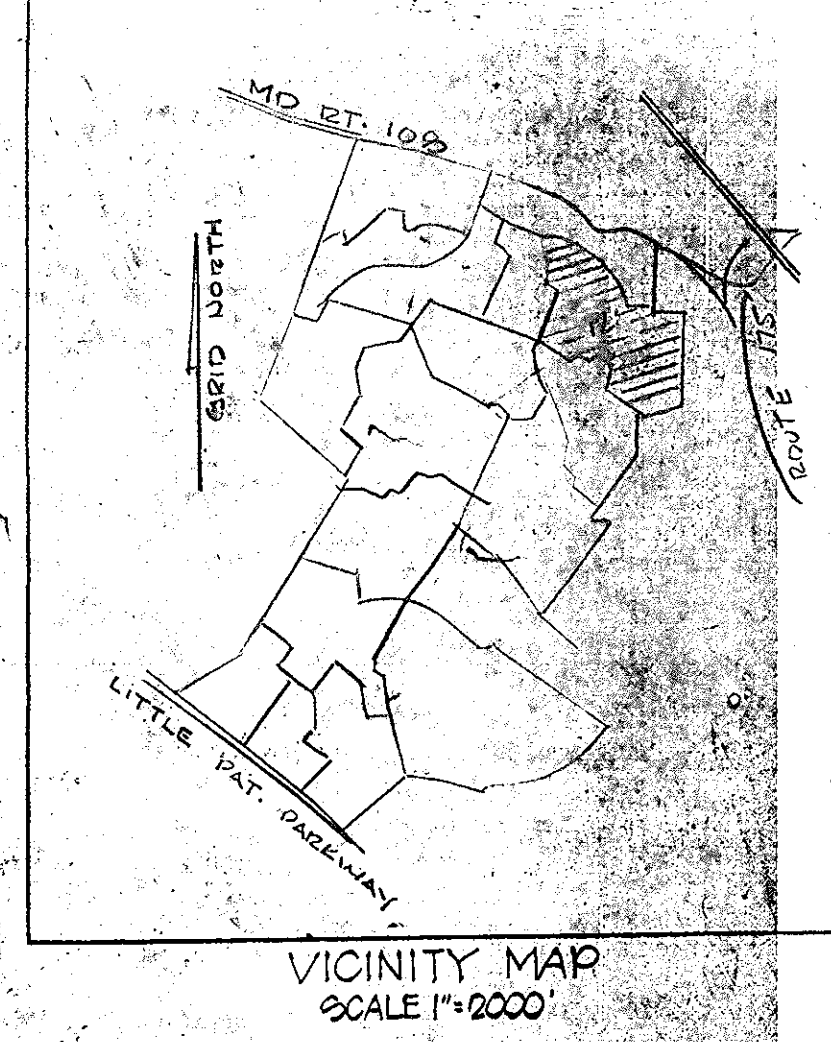
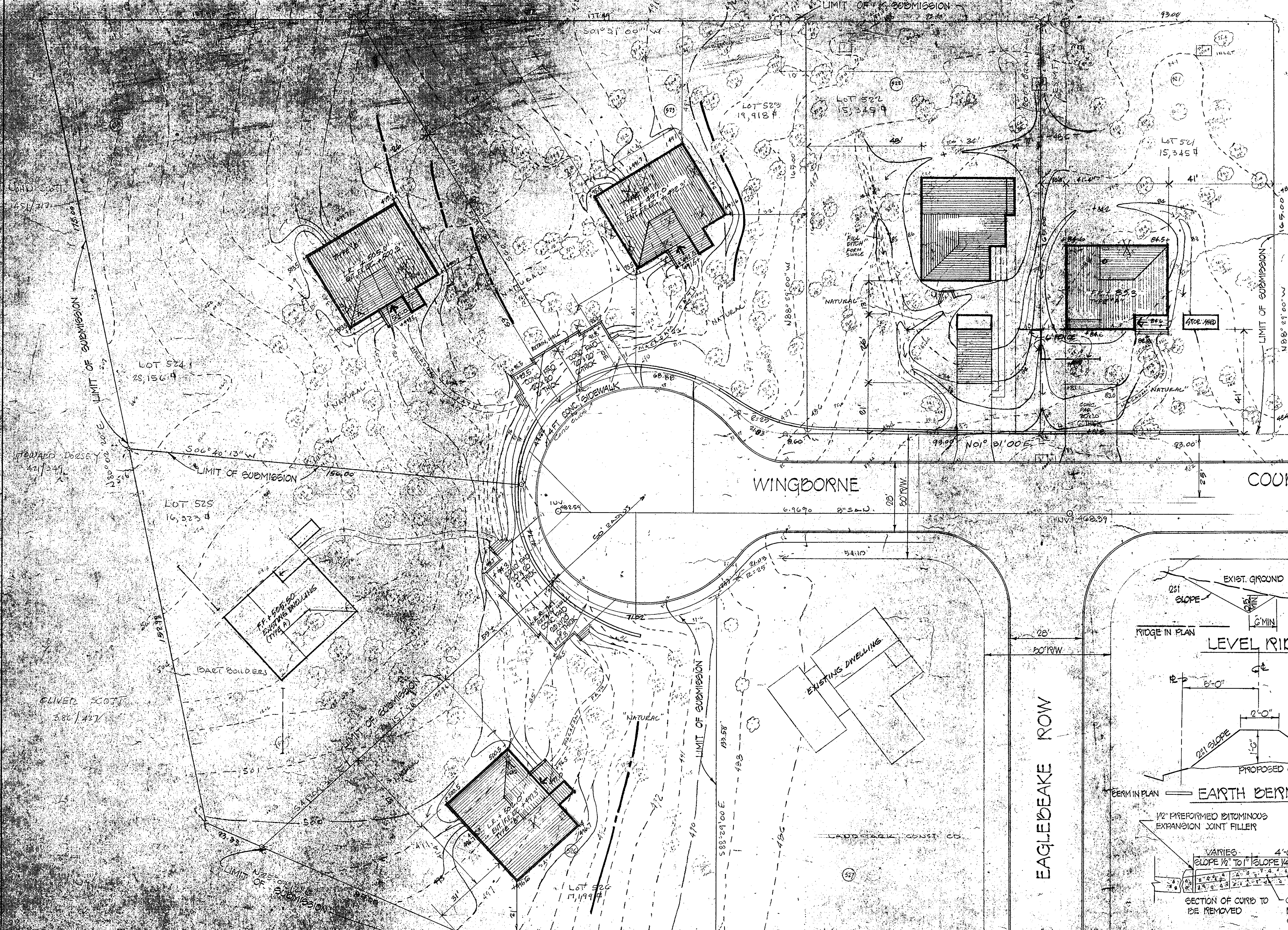
**DEVELOPER**  
I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THE PLAN OF DEVELOPMENT AND PLAN OF SILT AND SEDIMENT CONTROL.  
Signature: [Signature]  
DATE: 6/20/73

HOWARD SOIL CONSERVATION DISTRICT  
THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
Signature: Charles E. Nield Jr.  
DATE: 10/2/73  
Signature: Robert W. Johnson  
DATE: 10/4/73

APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT  
COUNTY HEALTH OFFICER DATE  
APPROVED: [Signature] 10-16-73  
PLANNING DIRECTOR DATE  
[Signature] 10/15/73  
CHIEF ENGINEER DIV. OF LAND DEVELOPMENT DATE  
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS  
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
Signature: William A. Altman 10/12/73  
DIRECTOR DATE  
Signature: S. M. [Signature] 10/15/73  
CHIEF BUREAU OF HIGHWAYS DATE

BART BUILDERS, INC.  
925 1/2 E. 70TH STREET  
BALTIMORE, MD 21218  
REVISIONS

SDP 73-125



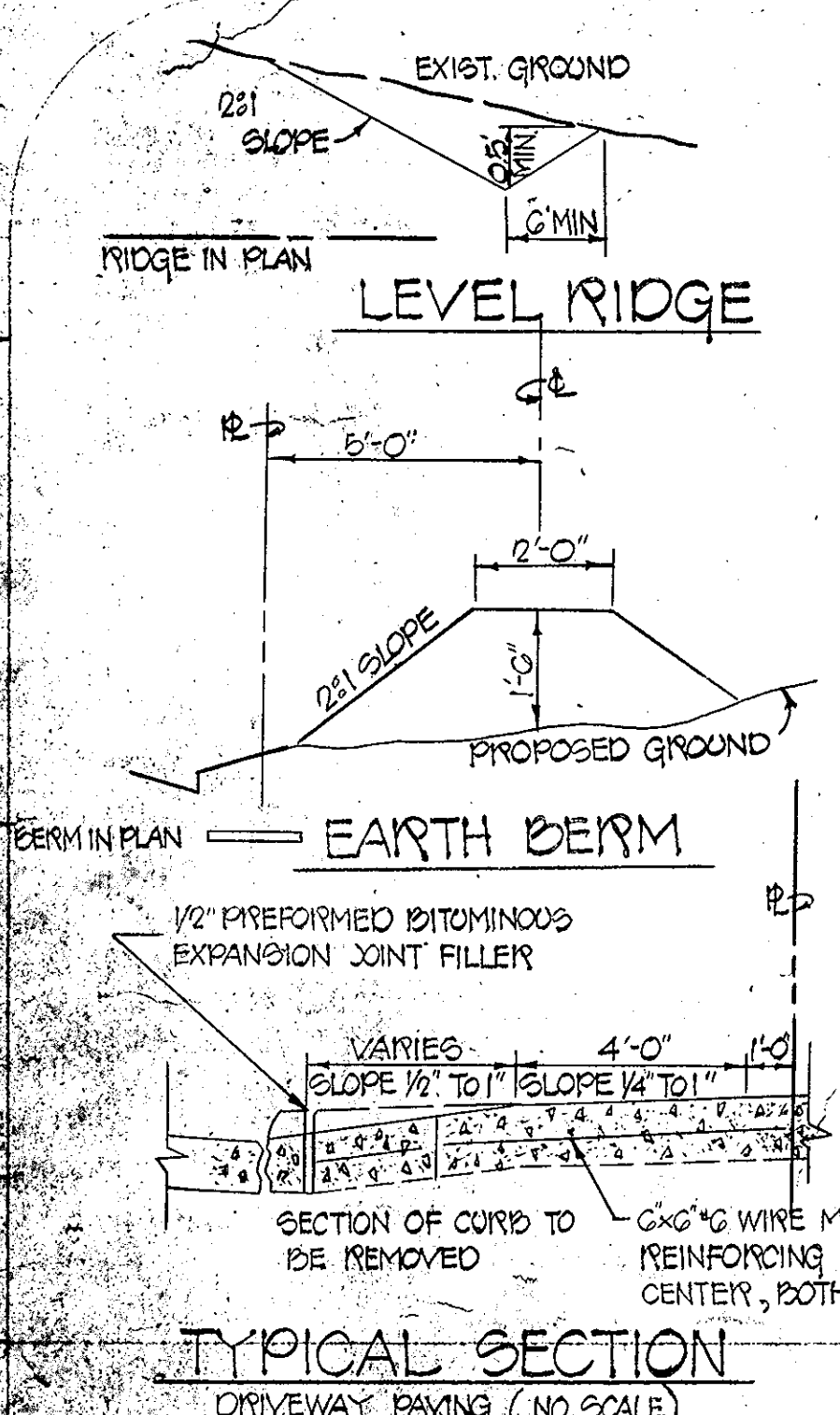
APPROVED  
 DIVISION OF LAND DEVELOPMENT  
 AND TRANSPORTATION PLANNING  
 HOWARD COUNTY MARYLAND  
 DATE: 8/15/73  
 (1/2)

**DENSITY CALCULATIONS**

TOTAL NO OF RESIDENTIAL LOTS: 5  
 TOTAL ACREAGE OF LOTS: 2.20 AC ±  
 TOTAL ACREAGE OF SUBMISSION: 2.20 AC ±

**GENERAL NOTES**

- IN THOSE CASES WHERE SEDIMENT CONTROL STRUCTURES ARE TO REMAIN ON-SITE AS PERMANENT MEASURES, THE DEVELOPER SHALL SO INDICATE, AND SHALL PROVIDE EVIDENCE THAT A LONG RANGE MAINTENANCE AGREEMENT HAS BEEN PROVIDED FOR.
- NOTIFY THE HOWARD SOIL CONSERVATION DISTRICT AT LEAST 24 HOURS BEFORE STARTING ANY WORK. PHONE 468-2180 OR 468-2000 EXT. 225.
- ALL STRUCTURAL SEDIMENT CONTROL MEASURES ARE TO REMAIN IN PLACE UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD SOIL CONSERVATION DISTRICT, PHONE 468-2180 OR 468-2000 EXT. 225.
- STRUCTURAL MEASURES SUCH AS BERMS, DIKES, TRAPS, BASINS ETC WILL BE INSTALLED AND STABILIZED ACCORDING TO THIS PLAN PRIOR TO ANY OTHER GRADING, CLEARING OR DISTURBANCE OF THE EXISTING SURFACE OF THE SITE.
- ALL MATERIALS AND CONSTRUCTION WILL BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
- BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-20-3 AS PROVIDED IN THE HOWARD COUNTY ROAD CODE AND STANDARD SPECIFICATIONS.
- TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-21-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
- HOWARD COUNTY SHALL BE RESPONSIBLE FOR MAINTENANCE OF PAVING WITHIN COUNTY RIGHT OF WAY.
- PRESENT ZONING - NEW TOWN - SINGLE FAMILY
- PROPOSED ZONING - NEW TOWN - SINGLE FAMILY
- ON SITE INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL MEASURES INCLUDING CLEAN OUT OF SEDIMENT TRAPS AND BERMS AND PROPER ESTABLISHMENT OF ALL PLANNED VEGETATIVE MEASURES WILL BE THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTATIVE ON THE SITE, ON A CONTINUING DAY TO DAY BASIS.



**EROSION AND SEDIMENT CONTROL PLAN**

COLOMBIA

LOTS 521-522 523-524 525 SEC. 1 AREA 1, 2, 3, 19-52

**"LONG REACH"**

VILLAGE OF LONG REACH

6<sup>TH</sup> ELECTION DISTRICT HOWARD COUNTY MARYLAND  
 SCALE 1"=20' JUNE 20, 1973

**PROCEDURE - PERMANENT SOG**

- APPLY FERTILIZER WITH MATERIAL TO WHICH IT APPLIES IN SOIL TO DEPTH OF 2" TO 4" WITH 1000 LB PER ACRE OF OR ANOTHER DIRECTED BY SOG.
- ADD 20 LBS LIMESTONE PER 1000 LB.
- MIX FERTILIZER WITH LIMESTONE IN WITH SOIL TO DEPTH OF 4" IN.
- PLACE CERTIFIED KY 31 TALL FESCUE OR OTHER SOG APPROVED SOG.
- CLEAN DEBRIS FROM SOG.

**PROCEDURE - PERMANENT SEEDING**

- APPLY 40 LBS/1000 OF LIMESTONE.
- APPLY FERTILIZER AT RATE OF 12 TO 18 LBS/1000 OF DEPENDING ON SOIL TEST. HARROW OR DISC FERTILIZER & LIMESTONE INTO SOIL TO DEPTH OF 2".
- SEED WITH KY 31 TALL FESCUE AT RATE OF 5-7 LBS/1000 OF OR OTHER SOG APPROVED SEEDING PLAN.
- MULCH WITH SMALL GRAIN STRAW 1.5 TO 2 TONS PER ACRE.
- ANCHOR MULCH.

**VEGETATIVE COVER OPTIONS**

PERIOD	OPTIONS
FEB 1 - MAY 1	1. SOG 2. SEE 1. MULCH
MAY 1 - AUG 15	1. SOG 2. MULCH ANCHOR TOOL THEN SEED DURING NEXT SEEDING PERIOD.
AUG 15 - NOV 1	1. SOG 2. SEED & MULCH
NOV 1 - FEB 1	1. SOG - DELAY UNTIL NEXT PERIOD IF GROUND IS FROZEN. 2. MULCH ANCHOR TOOL THEN SEED DURING NEXT SEEDING PERIOD.

WALTER PARK REG. PROJ. S. 5591  
 M.E. HODKINS - REGISTRAR  
 SUITE 231 JOSEPH SQUARE  
 COLUMBIA, MD 21044

**PROFESSIONAL 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 COUNTY SOIL CONSERVATION DISTRICT.  
 SIGNATURE: *Walter Park* DATE: \_\_\_\_\_

**DEVELOPER**  
 I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THE PLAN OF DEVELOPMENT AND PLAN OF SILT AND SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS APPROVED BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**HOWARD SOIL CONSERVATION DISTRICT**  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
 APPROVED: *Charles E. Nally* 10/2/73 DATE  
 FOR DISTRICT CONSERVATIONIST  
 APPROVED: *Ronald W. Zehm* 10/15/73 DATE  
 HOWARD SOIL CONSERVATION DISTRICT

APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: \_\_\_\_\_ DATE: \_\_\_\_\_  
 APPROVED: *James D. Hamrick* 10-16-73 DATE  
 PLANNING DIRECTOR  
 APPROVED: *John Cleason* 10/15/73 DATE  
 CHIEF ENGINEER DIV. OF LAND DEVELOPMENT  
 APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 APPROVED: *William A. Altman* 10/15/73 DATE  
 DIRECTOR  
 APPROVED: *B. M. Peckham* 10/15/73 DATE  
 CHIEF BUREAU OF HIGHWAYS

**BART BUILDERS, INC.**  
 925 12 E. 70TH STREET  
 BALTIMORE, MD 21218  
 DRWG. 2  
 REVISIONS  
 SDP 73-125C