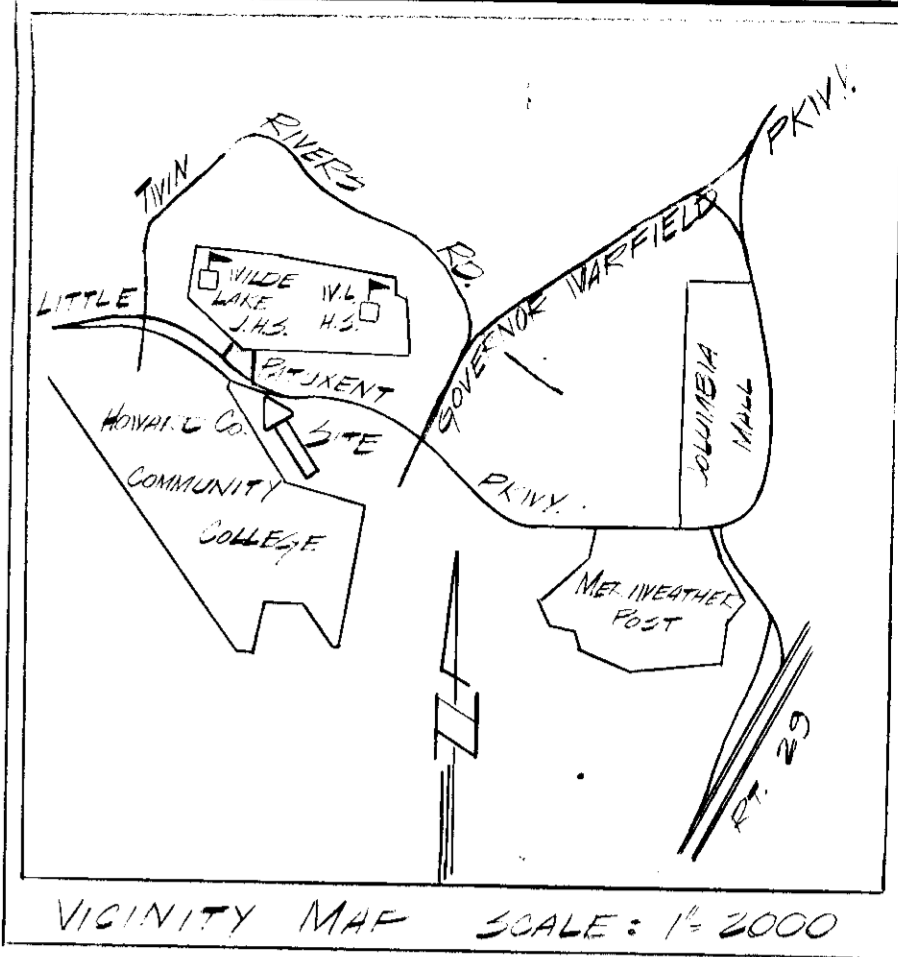


HOWARD CO. BOARD OF EDUCATION

NO	TYPE	TOP ELEV.	REMARKS
1	3" SPECIAL STRUCTURE	414.00	3RD DETAIL SHEET
2	ENDWALL	411.40	3RD DETAIL SHEET
3	SPECIAL STRUCTURE	417.20	3RD DETAIL SHEET
4	5" INLET	414.00	HOWARD CO. STD. CL. INLET SING. D. 58

SIZE	TYPE	LENGTH
15"	R.O.P. CL. II	30'
18"	R.O.P. CL. II	28'



**SITE ANALYSIS**

EMPLOYMENT CENTER, TOWN CENTER,  
 PRESENT ZONING - COMMERCIAL  
 TOTAL AREA OF SITE - 2.150 AC.  
 TOTAL DEVELOPABLE AREA - 2.150 AC.  
 TOTAL AREA TO BE REVEGETATED - 0.87 AC.  
 TOTAL AREA PAVED - 0.97 AC.  
 TOTAL BUILDING COVERAGE - 0.31 AC.  
 F.D. # 48  
 SEE PLANNING BOARD CASE # 101

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CODE AND STANDARD SPECIFICATIONS.

THE STORM WATER MANAGEMENT FACILITIES WILL BE MAINTAINED BY THE PROPERTY OWNER, ITS SUCCESSORS AND ASSIGNS.

AFTER THIS POINT TRANSITION ROAD CROSS SLOPE FROM 30/11' EASTWARD TO 30/11' WESTWARD

FUTURE DRIVEWAY ACCESS FOR WILSON'S GARDEN CENTER

EXTENT OF CONSTRUCTION OF COMMON DRIVEWAY UNDER THIS CONTRACT IS TO INCLUDE 12' WIDTH ON ADJACENT PROPERTY.

REMOVE EXISTING CONCRETE DRIVEWAY APRON AND EXISTING CONCRETE CURB AND GUTTER TO NEAREST JOINT BEYOND FILLET AND CONSTRUCT AS SHOWN.

CONSTRUCT CONCRETE VALLEY GUTTER AS PER HOWARD CO. ROAD CONSTRUCTION CODE AND STANDARD SPEC'S DRAWING D-41

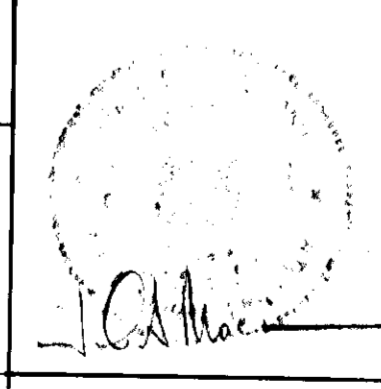
NOTE: TOPOGRAPHIC SURVEY WAS FURNISHED BY THE DEVELOPER

**APPROVED**  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 DATE 3-30-77

**APPROVED** FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.  
*Joseph Brink* COUNTY HEALTH OFFICER 4-19-77 DATE  
**APPROVED** HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*Thomas L. Harris* PLANNING DIRECTOR 4-20-77 DATE  
*William H. Johnson* CHIEF DIVISION OF LAND DEVELOPMENT 4-19-77 DATE

**APPROVED** FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*W. Pagand* DIRECTOR 4-19-77 DATE  
*Lawrence M. McKeand* CHIEF BUREAU OF HIGHWAYS 4-14-77 DATE

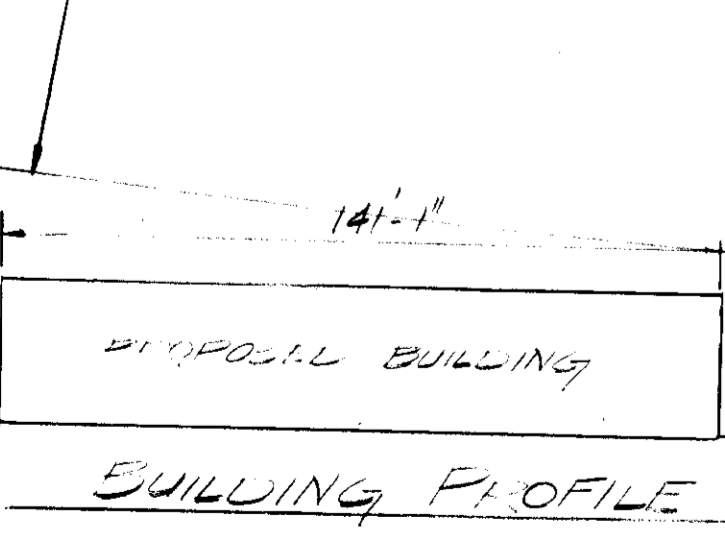
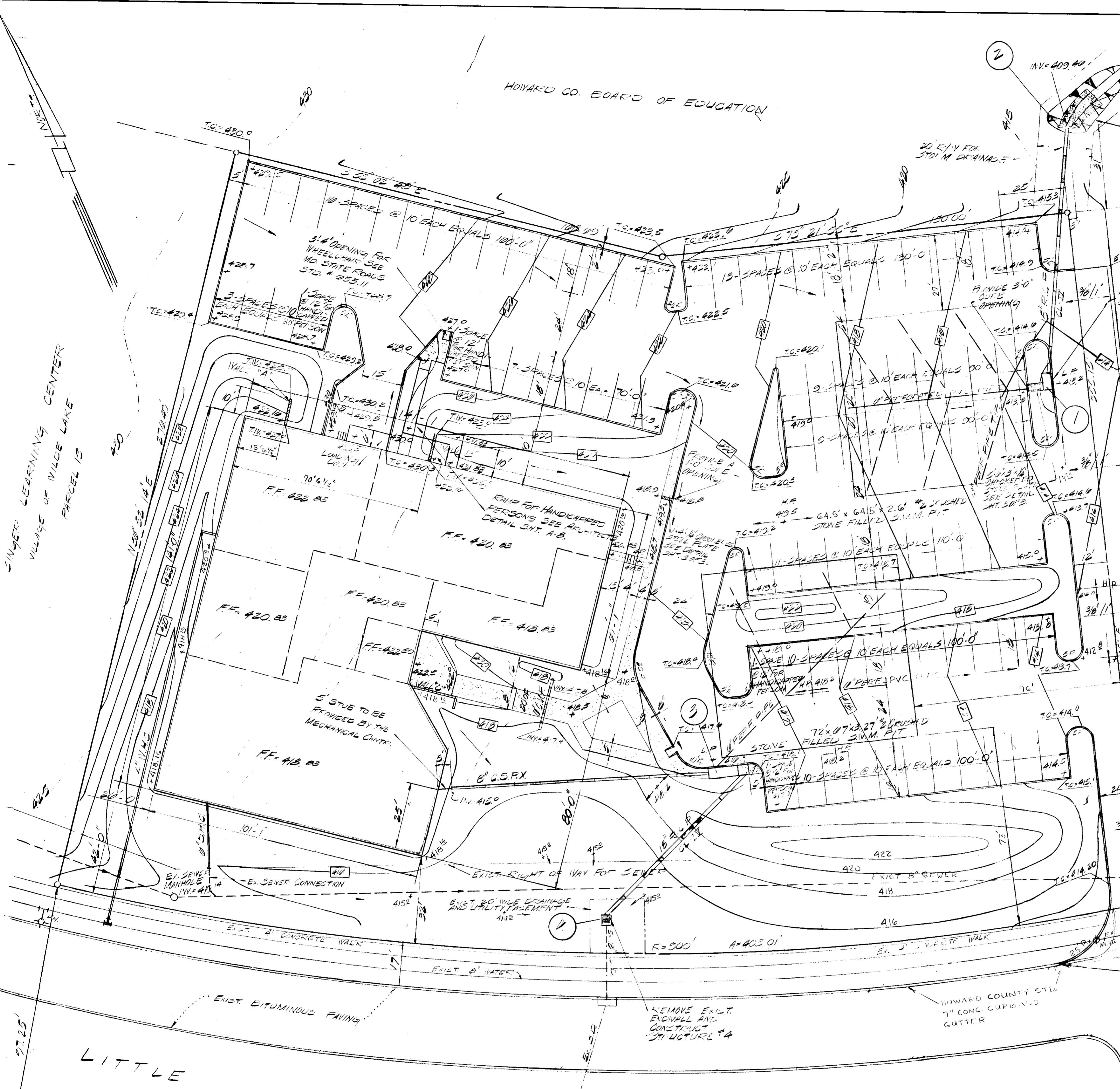
ARCHITECT  
 MR. ROBERT J. TROEN  
 1000 CENTURY PLAZA  
 SUITE # 310  
 COLUMBIA, MD. 21044  
 CIVIL / SURVEYOR  
 COLUMBIA FLIER ENTER. PRIC. INC.  
 10452 TWIN RIVERS ROAD  
 COLUMBIA, MD. 21044



**COLUMBIA FLIER BUILDING**  
 5TH ELECTION DISTRICT OF HOWARD CO., MARYLAND  
 PARCEL 27 P.B. # 3646  
 SECTION 10 AREA C  
 VILLAGE OF WILDE LAKE  
 COLUMBIA, MD. 21044

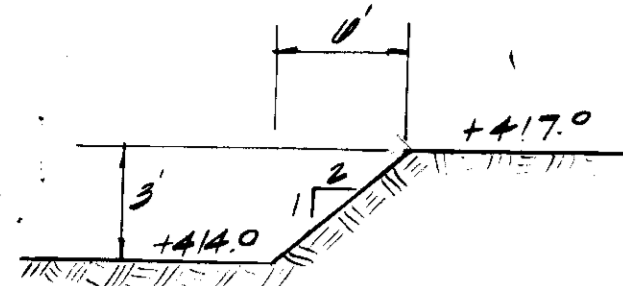
**MACRIS-FOWLER**  
 ASSOCIATES  
 CIVIL-STRUCTURAL ENGINEERS, SURVEYORS, PLANNERS  
 27 W. JEFFERSON ST. ROCKVILLE, MD. 20850  
 (301) 340-8705 (301) 762-3858

DESIGNED	DRAWN
<i>J. Harris</i>	<i>J. Harris</i>
CHECKED	DATE
<i>J. Harris</i>	10/1/77
DATE	
10/1/77	
DRAWING NO.	
1063	



**PARKING SCHEDULE**

2000 SF OF COMMERCIAL @ 200 SF/1000 SF = 10 SPACES
3000 SF OF OFFICE @ 200 SF/1000 SF = 15 SPACES
20,000 SF OF OFFICE @ 200 SF/1000 SF = 100 SPACES
TOTAL NO. OF SPACES REQUIRED = 125
TOTAL NO. OF SPACES PROVIDED = 92



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

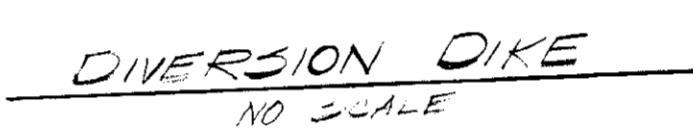
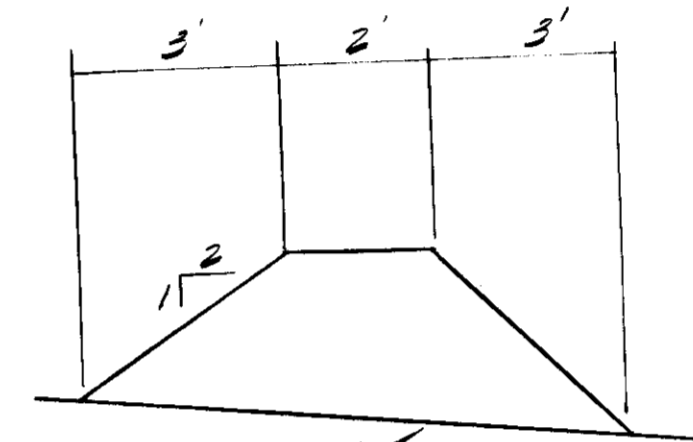
Eric V. Harman 4-7-77  
SIGNATURE DATE  
U.S. SOIL CONSERVATION SERVICE

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

APPROVED John D. Myers 4-2-77  
SIGNATURE DATE  
HOWARD S.C.D.

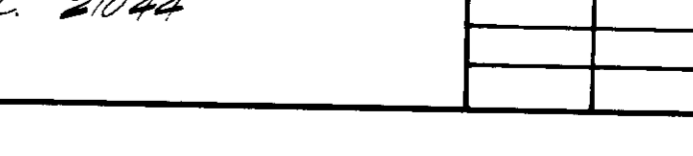
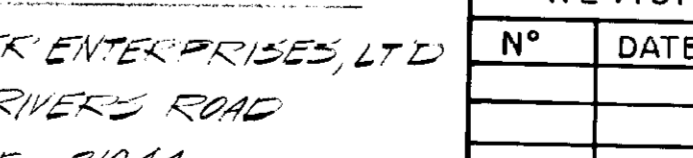
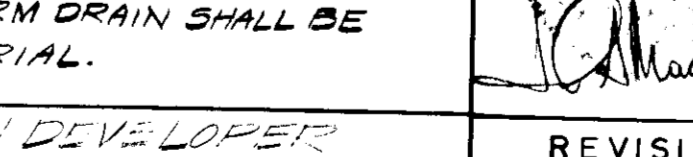
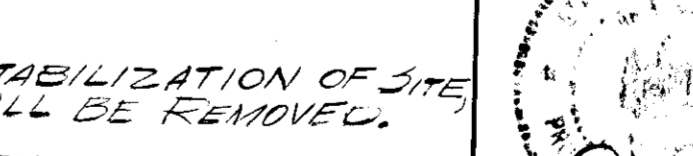
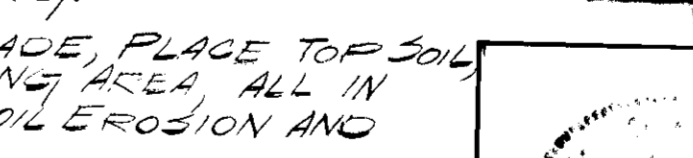
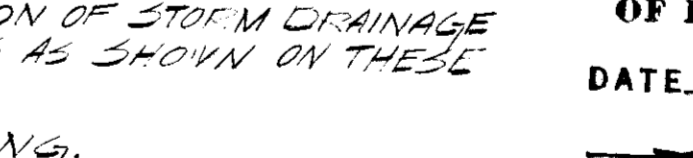
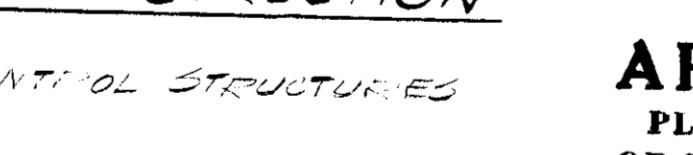
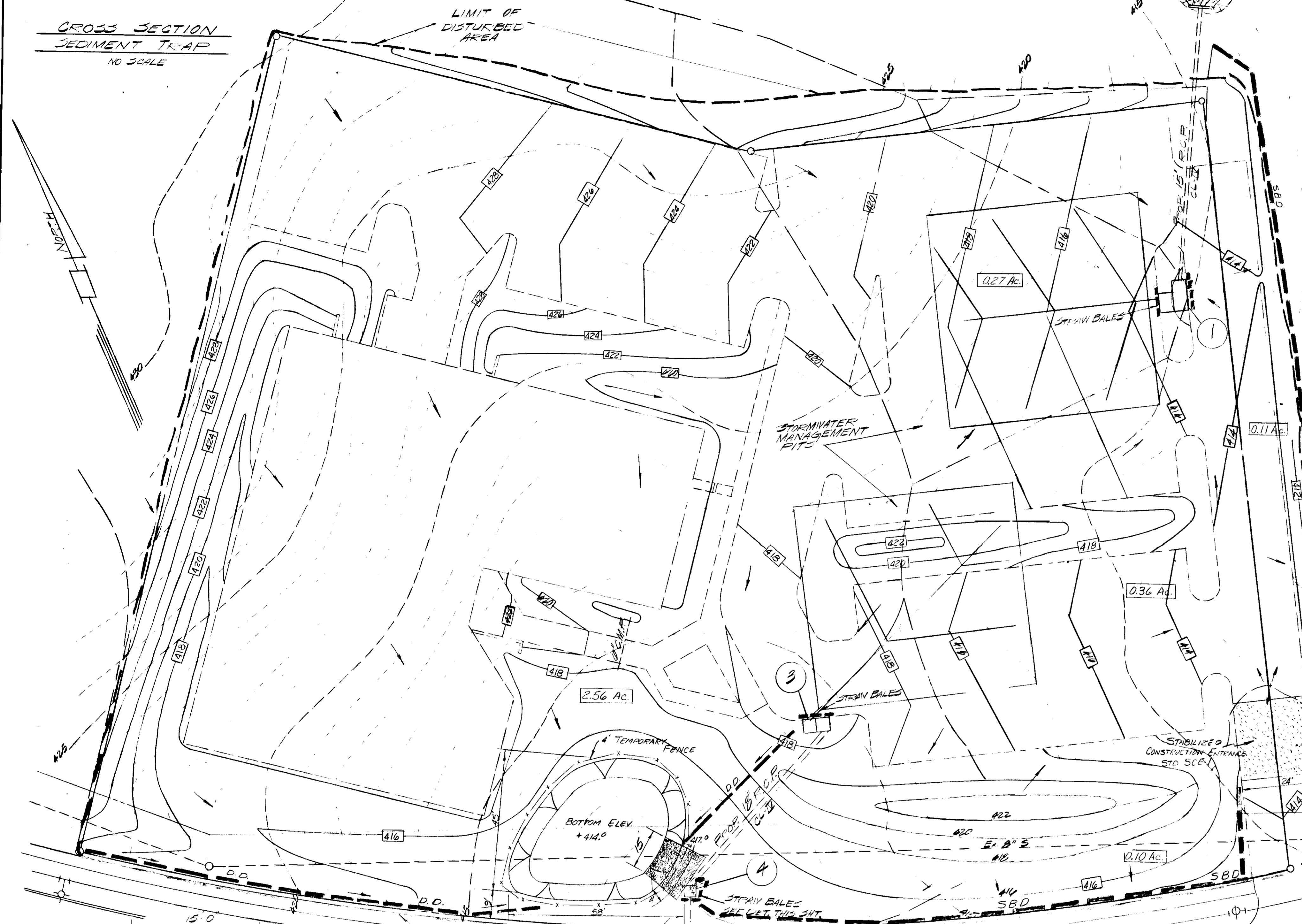
**SOIL EROSION AND SEDIMENT CONTROL NOTES**

- ALL SOIL EROSION & SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED PRIOR TO ANY GRADING OF THE SITE.
- ALL SEDIMENT CONTROL MEASURES ARE TO REMAIN IN PLACE UNTIL PERMISSIBLE FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE DEPARTMENT OF INSPECTIONS PERMITS HAVE 492-3180 OR 495-3000 EXT. 305
- NOTIFY THE INSPECTION AT LEAST 24 HOURS BEFORE STARTING ANY WORK.
- ALL SEDIMENT CONTROL MEASURES SHALL CONFORM TO THE STD. AND SPECIFICATIONS IN URBANIZING AREAS AND AS SHOWN AND DETAILED ON THIS PLAN.
- CONTINUED INSPECTION AND MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE DEVELOPER.
- SEED OR SOO ALL EXPOSED SOIL IN GRASS AREAS WITHIN 72 HOURS OF GRADING TO FINISHED GRADE IN ACCORDANCE WITH H.S.C.D. STANDARDS AND SPECIFICATIONS AND THESE NOTES. LAY BALE COURSE IN PAVED AREAS OR PROTECT WITH BITUMINOUS MULCH OR OTHER METHODS APPROVED BY THE ENGINEER WITHIN 72 HOURS OF FINE GRADING.
- TEMPORARY SEEDING
  - GROUND LIMESTONE - 3500 LBS/AC. WORK INTO TOP 3" OF SOIL
  - FERTILIZER - 1300 LBS/AC. 10-10-10
  - MULCH - 3000 LBS/AC. STRAW (WHEAT PREFERRED)
  - SEED - 40 LBS/AC. RYE GRASS
  - BINDER - ASPHALT SPRAY OF MULCH @ RATE OF 1 GAL PER 100 SQ. FT.
  - ALTERNATE - HYDROSEED FERTILIZER, SEED, AND MULCH USING "TURFIBER" OR APPROVED EQUAL.
- PERMANENT SEEDING
  - GROUND LIMESTONE - 2000 LBS/AC. WORK INTO TOP 3" OF SOIL
  - FERTILIZER - 1300 LBS/AC. 10-10-10
  - SEED - 30% KENTUCKY 31 TALL FESCUE, 2% RYE GRASS, 2% MEXICAN BLUEGRASS
  - BINDER - 343 LBS/AC.
  - ALTERNATE - HYDROSEED FERTILIZER, SEED, AND MULCH USING "TURFIBER" OR APPROVED EQUAL.



**SOODING NOTES**

- APPLY 10-10-10 FERTILIZER @ 1000 LBS/AC. (25 LBS/1000 SQ. FT.)
- APPLY GROUND AGRICULTURE LIMESTONE @ 2000 LBS/AC. (50 LBS/1000 SQ. FT.)
- INCORPORATE BOTH LIME AND FERTILIZER INTO SOIL BY DIGGING, FIRM UP AFTER INCORPORATION.
- LAY SOO TO A TIGHT FIT. ROLL TO ENSURE CONTACT WITH UNDER LYING SOIL. WATER AS NECESSARY FOR FIRST TWO WEEKS (IN SUMMER) TO ENSURE ESTABLISHMENT.



- SEQUENCE OF CONSTRUCTION**
- OBTAIN GRADING PERMIT.
  - CONSTRUCT ALL SOIL EROSION AND SEDIMENT CONTROL STRUCTURES PRIOR TO ANY OTHER SITE GRADING.
  - PROCEED WITH SITE GRADING AND CONSTRUCTION OF STORM DRAINAGE AND STORMWATER MANAGEMENT STRUCTURES AS SHOWN ON THESE PLANS.
  - PROCEED WITH THE CONSTRUCTION OF BUILDING.
  - AS VARIOUS AREAS ARE BROUGHT TO FINAL GRADE, PLACE TOP SOIL, SEED/SOO GRASSED AREAS AND PAVED PARKING AREAS. ALL IN CONFORMANCE WITH THESE PLANS AND THE "SOIL EROSION AND SEDIMENT CONTROL NOTES".
  - UPON COMPLETION OF FINE GRADING AND STABILIZATION OF SITE, ALL SEDIMENT CONTROL STRUCTURES SHALL BE REMOVED.
  - AT THE END OF EACH DAYS WORK ANY UNFINISHED STORM DRAIN SHALL BE BLOCKED WITH PLYWOOD OR OTHER APPROVED MATERIAL.

APPROVED  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE: 3-30-77

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.  
John Collins 4-19-77  
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
Thomas L. Harris 4-20-77  
PLANNING DIRECTOR DATE  
Arthur Williamson 4-11-77  
CHIEF DIVISION OF LAND DEVELOPMENT DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
W. B. Bland 4-19-77  
DIRECTOR DATE  
Frederick W. McNeill 4-14-77  
CHIEF BUREAU OF HIGHWAYS DATE



SOIL EROSION AND SEDIMENT CONTROL  
COLUMBIA FLICK BUILDING  
5TH ELECTION DISTRICT OF HOWARD CO. MARYLAND  
PARCEL 27 P.B.# 3646  
SECTION 10 AREA 5  
VILLAGE OF WILLE LAKE  
COLUMBIA, MARYLAND

REVISIONS		
N°	DATE	BY

**MACRIS-FOWLER**  
ASSOCIATES  
CIVIL-STRUCTURAL ENGINEERS; SURVEYORS; PLANNERS  
27 W. JEFFERSON ST. ROCKVILLE, MD. 20850  
(301) 340-8705 (301) 762-3858

DESIGNED BY: [Signature]  
CHECKED BY: [Signature]  
JOB NO.: 20-210  
DRAWING NO.: 20-210

**DEVELOPER'S CERTIFICATION**

"I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY." DEVIATION FROM THIS PLAN WILL NOT BE MADE UNLESS AUTHORIZED BY THE HOWARD SOIL CONSERVATION DISTRICT.

SIGNATURE OF DEVELOPER \_\_\_\_\_ DATE \_\_\_\_\_

**ENGINEER'S CERTIFICATION**

"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."

Eric V. Harman PE #4848 10-11-76  
SIGNATURE OF ENGINEER DATE

