

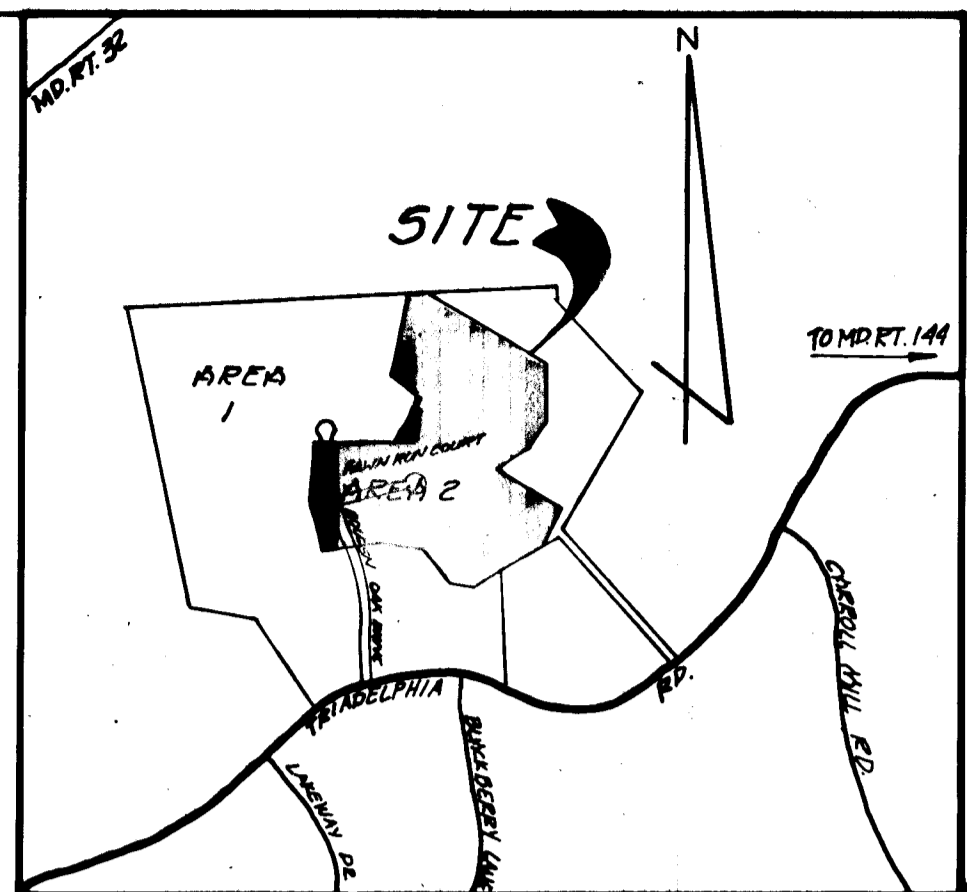
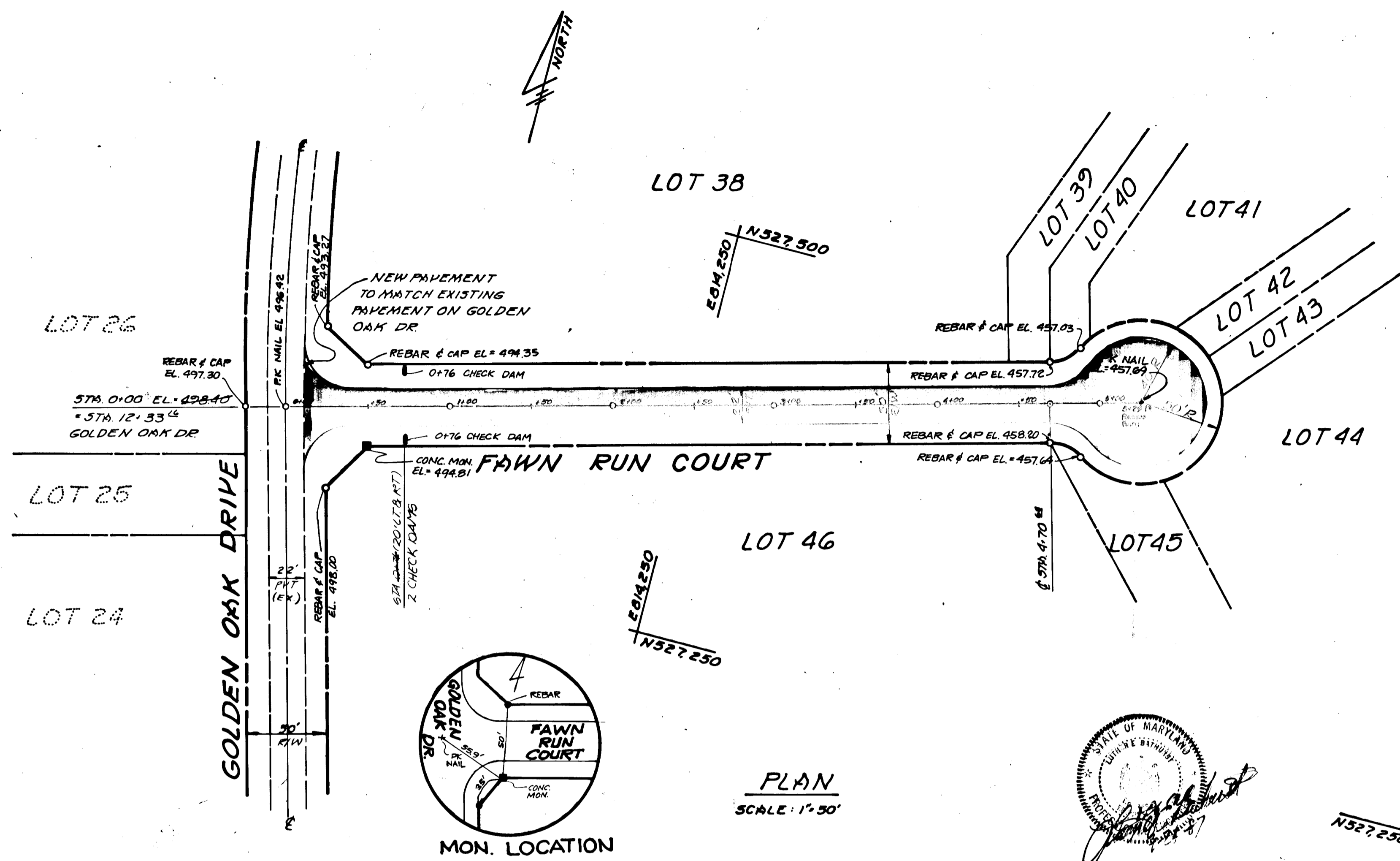
**NOTES:**  
 1. FOR GENERAL NOTES SEE SHT. 3 OF 4  
 2. FOR EROSION & SEDIMENT CONTROL NOTES & DETAILS SEE SHT. 3 OF 4  
 3. FOR TYPICAL ROAD SECTION SEE SHT. 3 OF 4  
 4. FOR GRADING & SEDIMENT CONTROL PLAN SEE SHT. 2 OF 4

DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

DATE	9/15/88	DESCRIPTION	ROUTE ROAD GRADES	BY	JJD
DATE		DESCRIPTION		BY	
DATE		DESCRIPTION		BY	

DATE	
BY	
REVISION	
NO.	
DATE	
BY	
REVISION	
NO.	

1139



**OWNER/DEVELOPER:**  
 PATUXENT LAND COMPANY INC.  
 13690 NICHOLS DRIVE  
 CLARKSVILLE MD 21029

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 Chief, Land Development Division 1/9/88  
 Chief, Bureau of Highways 1/20/88  
 Chief, Bureau of Engineering 1-21-88

APPROVED: OFFICE OF PLANNING AND ZONING  
 Chief, Division of Community Planning 1/26/88  
 Chief, AND LAND DEVELOPMENT

**TITLE: ROAD CONSTRUCTION PLAN**

PROJECT: TRIADDELPHIA WOODS SEC. 1, AREA 2  
 LOCATION: 0712 2<sup>ND</sup> PLY AND VP. 01:58 VP. 05:39 VP. 06:02 PVI EL. 452.5  
 750' ROAD W. 27-00' 0.00%  
 3<sup>RD</sup> ELECTION DISTRICT HOWARD CO. MD

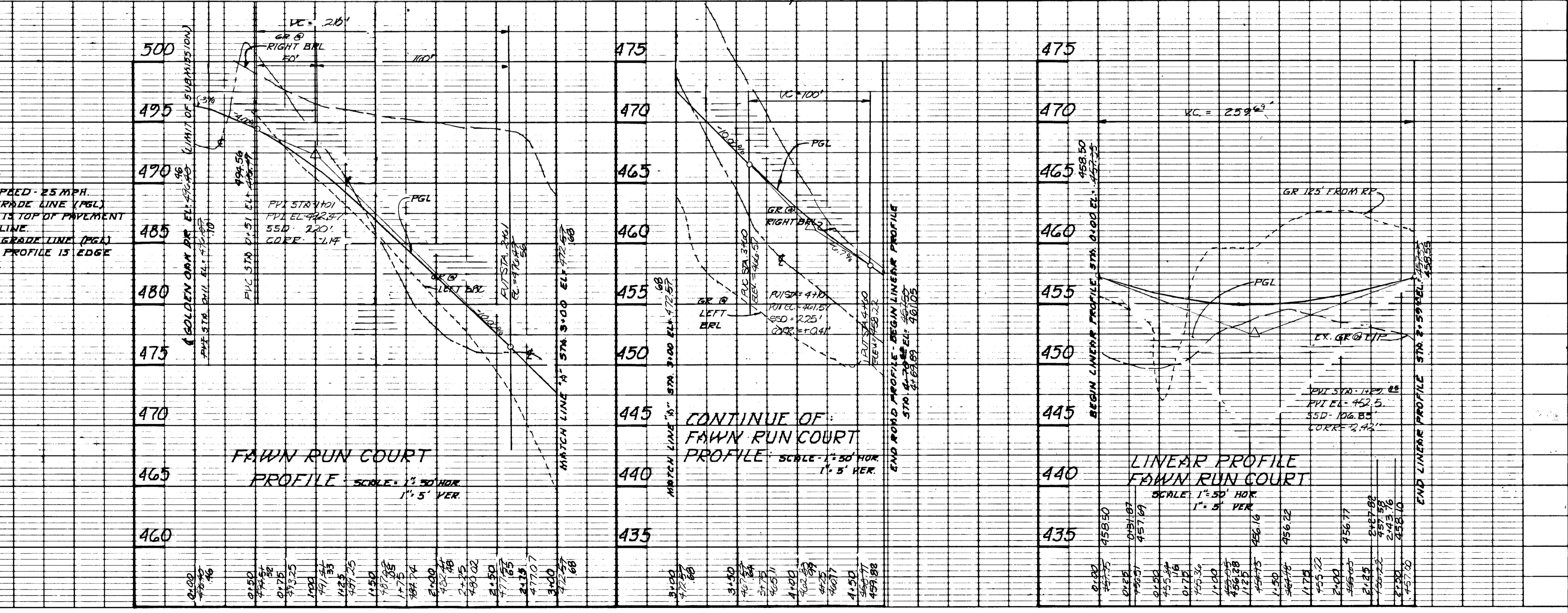
SCALE: AS SHOWN DESIGNED BY: J.A. DRAWN BY: D.M.H. CHECKED BY: DATE: 9-18-87

FIELD BOOK: 94 PAGE NO.: JOB NO.: 86368 DRAWING NO.: 1 OF 4

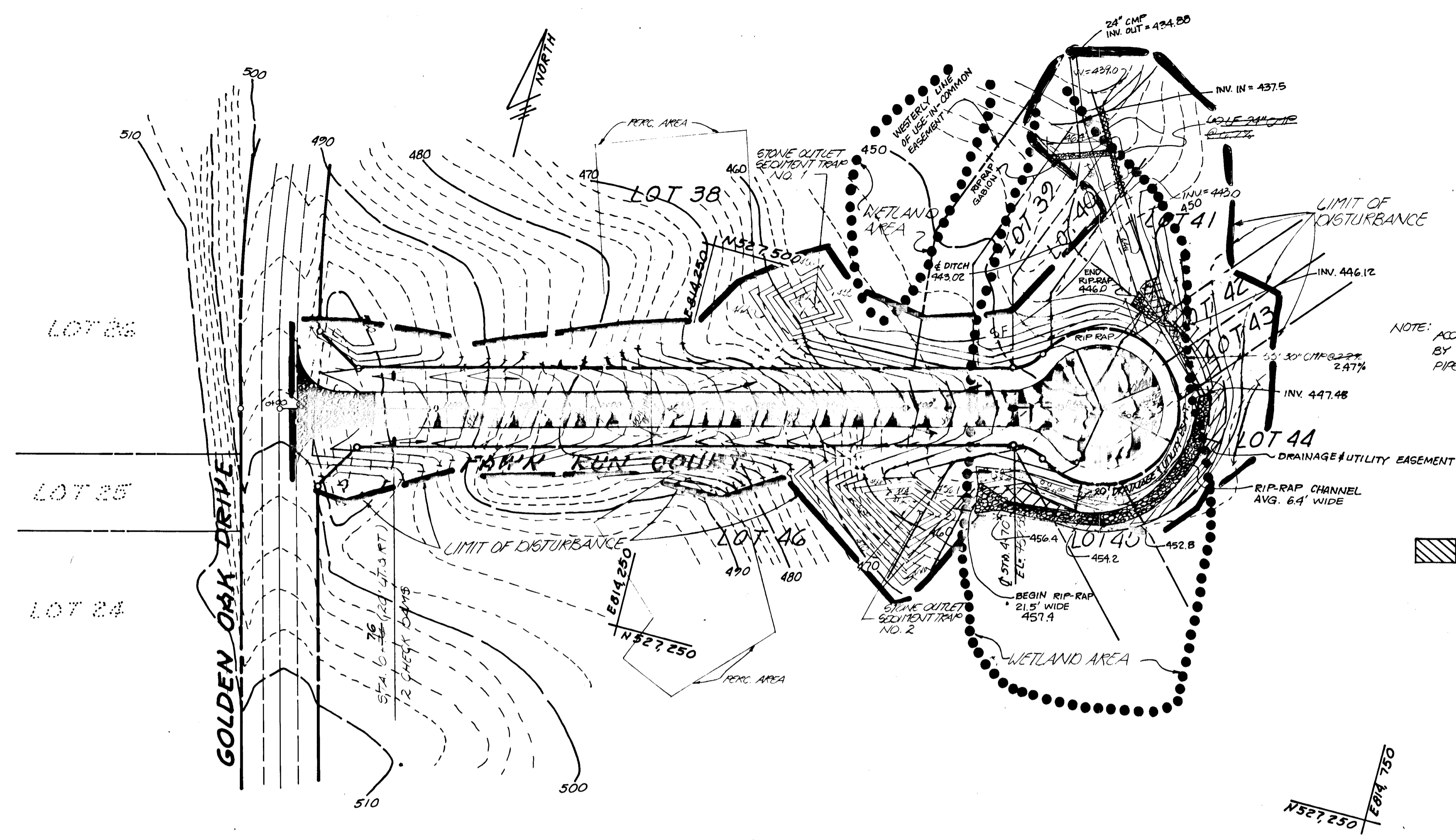
**boender associates inc.**  
 consulting engineers  
 land surveyors  
 land planners

COURTHOUSE SQUARE  
 3585 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MD. 21043  
 (301) 465-7777

**NOTES:**  
 1. DESIGN SPEED - 25 MPH.  
 2. PROFILE GRADE LINE (PGL)  
 ON PROFILE IS TOP OF PAVEMENT  
 @ CENTER LINE.  
 3. PROFILE GRADE LINE (PGL)  
 ON LINEAR PROFILE IS EDGE  
 OF PAVING.



**NOTES:**  
 1. FOR GENERAL NOTES SEE SHT 3 OF 4  
 2. FOR EROSION & SEDIMENT CONTROL NOTES & DETAILS SEE SHT. 3 OF 4  
 3. FOR CHECK DAM TYPICAL CROSSSECTIONS SEE SHT. 3 OF 4  
 4. ALL EXCESS MATERIAL SHALL BE REMOVED FROM THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A SITE FOR EXCESS MATERIAL, OBTAINING REQUIRED PERMITS, AND COMPLYING WITH ALL APPLICABLE REGULATIONS.



NOTE: ACCESS TO LOTS 41, 44 AND 45 PROVIDED BY COMMON USE R/W ALONG LOTS 42 & 43 FIRESTEM (1824/467, 1824/467).

DRAINAGE & UTILITY EASEMENT

SEDIMENT TRAP SCHEDULE							
TRAP NO.	TYPE OF TRAP	D.A. (ELEVATION)	STORAGE (CY)	TRAP PRODUCE (CY)	TRAP SIZE (IN)	TRAP DEPTH	BOTTOM ELEV.
1	STONE OUTLET	0.41	34	800	18x20	2	454
2	"	0.47	67	800	20x22	2	454

AS-BUILT SURVEY CERTIFIED BY LUTHER E. BATHURST, MD. RE. No. 11393, ON 11-3-88

3-15-88	DRAINAGE & UTILITY ESM'T.	JCO
4-19-88	REVISE ROAD GRADES	JCO
DATE	REVISION	BY

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS.  
*James McNeilan* 1-14-88  
 U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.  
*Stephen L. Fisher* 1/14/88  
 SOIL CONSERVATION DISTRICT DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
*Joseph E. Cantelmo* 1/19/88  
 Chief, Land Development Division Date

*Francis W. McLeod* 1/14/88  
 Chief, Bureau of Highways Date

*William E. Reilly* 1-21-88  
 Chief, Bureau of Engineering Date

APPROVED: OFFICE OF PLANNING AND ZONING  
*James Bantz* 1/26/88  
 Chief, Division of COMMUNITY PLANNING AND LAND DEVELOPMENT Date

DEVELOPER'S CERTIFICATE  
 I 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 DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.  
*Richard J. Bennett* DATE 9-24-87

ENGINEER'S CERTIFICATE  
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.  
*Richard J. Bennett* DATE 9-24-87

OWNER/DEVELOPER  
 PATIENT LAND COMPANY INC.  
 1300 NICHOLAS DRIVE  
 CLARKSVILLE, MARYLAND 20785

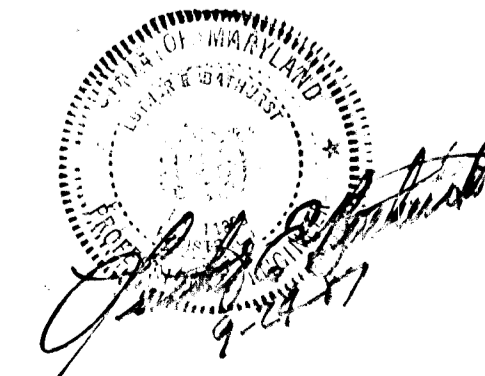
TITLE: **SEDIMENT CONTROL PLAN**

PROJECT: TRIADDELPHIA WOODS - SEC. 1, AREA 2  
 RE-SUBDIVISION OF TRIADDELPHIA WOODS - PARCELS 4110  
 LOCATION: 072714 ALL VP-81-58 VP-85-59 F-41-26 F-45-28  
 TAX MAPS VP-86-60 S-87-27 P-87-66  
 CO. MD. ELECTION DISTRICT HOWARD

SCALE: 1"=50'  
 DESIGNED BY: D.M.H.  
 DRAWN BY: D.M.H.  
 CHECKED BY: DATE: Sept. 1987

FIELD BOOK: 94  
 PAGE NO.: 1  
 JOB NO.: 86308  
 DRAWING NO.: 2 OF 4

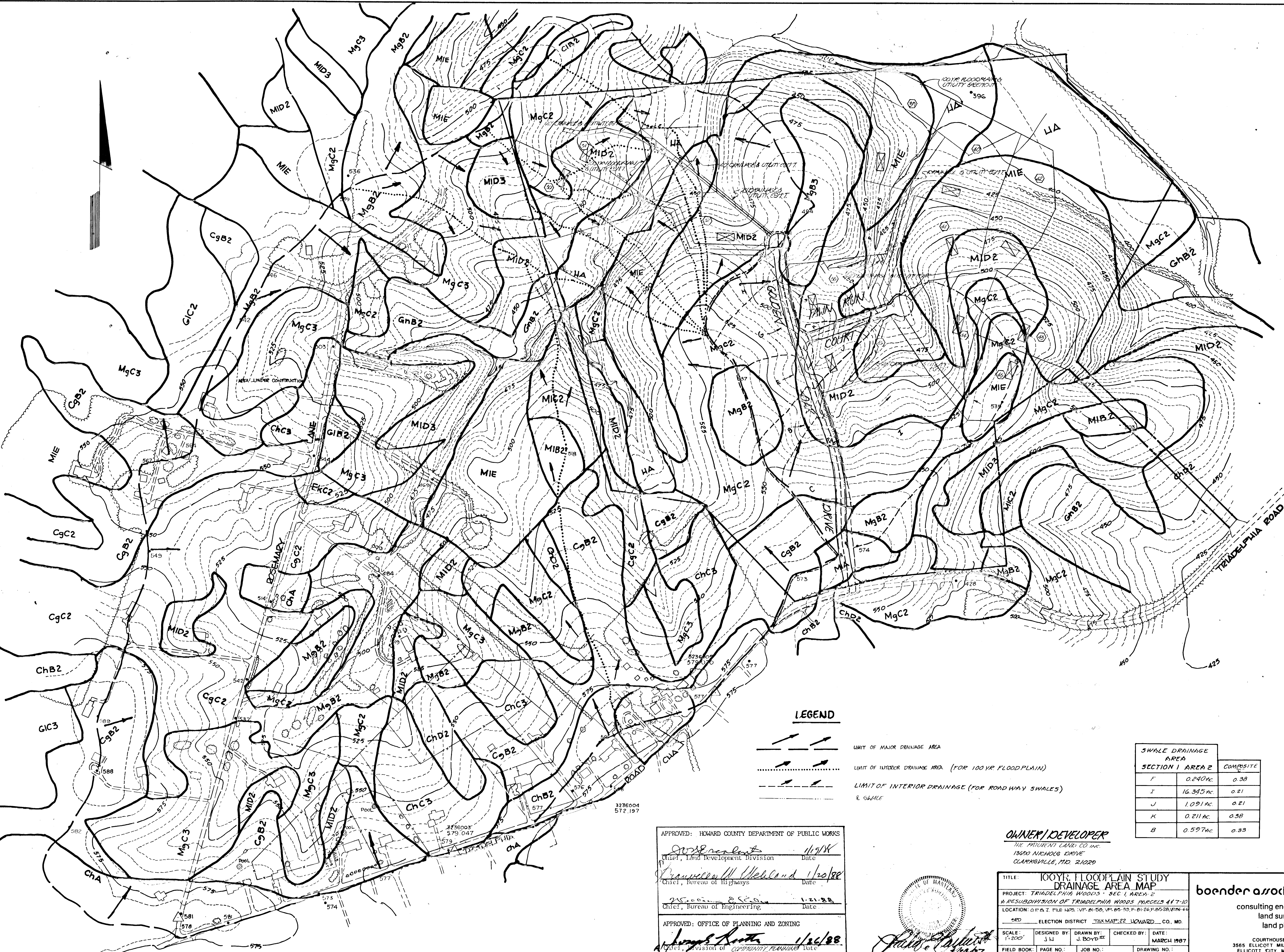
boender associates inc.  
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 3565 ELLICOTT MILLS DRIVE  
 ELLICOTT CITY, MD. 21043  
 1301 485-7777



1139

F-88-67 AS-BUILT 11-3-88





**LEGEND**

LIMIT OF MAJOR DRAINAGE AREA  

 LIMIT OF INTERIOR DRAINAGE AREA (FOR 100 YR FLOODPLAIN)  

 LIMIT OF INTERIOR DRAINAGE (FOR ROADWAY SWALES)  
 & SWALE

SWALE DRAINAGE AREA	SECTION 1	AREA 2	COMPOSITE
F	0.240 ac		0.38
I	16.345 ac		0.21
J	1.091 ac		0.21
K	0.211 ac		0.38
B	0.597 ac		0.33

APPROVED: HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

*Howard County* 11/21/88  
 Chief, Land Development Division Date  
*Francis M. Weiland* 1/20/88  
 Chief, Bureau of Highways Date  
 1-21-88  
 Chief, Bureau of Engineering Date  
 APPROVED: OFFICE OF PLANNING AND ZONING  
*James R. Smith* 1/26/88  
 Chief, Division of COMMUNITY PLANNING Date  
 AND LAND DEVELOPMENT

**OWNER/DEVELOPER**  
 THE PATIENT LAND CO. INC.  
 13650 NICHOLS DRIVE  
 CLARKSVILLE, MD 21029

TITLE: 100YR. FLOODPLAIN STUDY  
 DRAINAGE AREA MAP  
 PROJECT: TRIADELPHIA WOODS - SEC 1, AREA 2  
 & RESUBDIVISION OF TRIADELPHIA WOODS PARCELS 417-10  
 LOCATION: O.P. & Z. FILE 1425, V.P. 81-50, V.P. 85-10, P. 81-26, P. 85-28, V.P. 84-10  
 ELECTION DISTRICT TAX MAP 22 HOWARD CO. MD.

SCALE: 1"=200'  
 DESIGNED BY: J.N.  
 DRAWN BY: J. Boyd  
 CHECKED BY: DATE: MARCH 1987  
 FIELD BOOK: PAGE NO.: JOB NO.: 86368 DRAWING NO.: 4 of 4

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F-88-67 AS-BUILT 11-3-88

1139

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