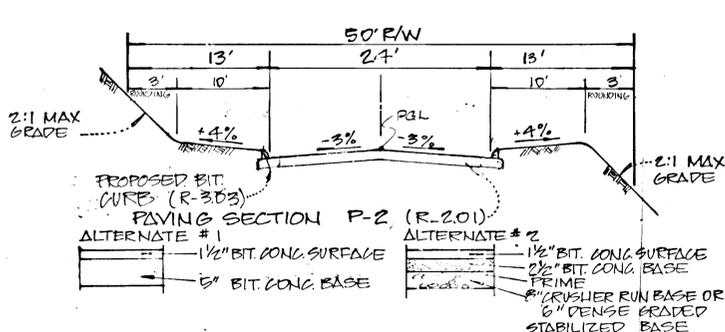
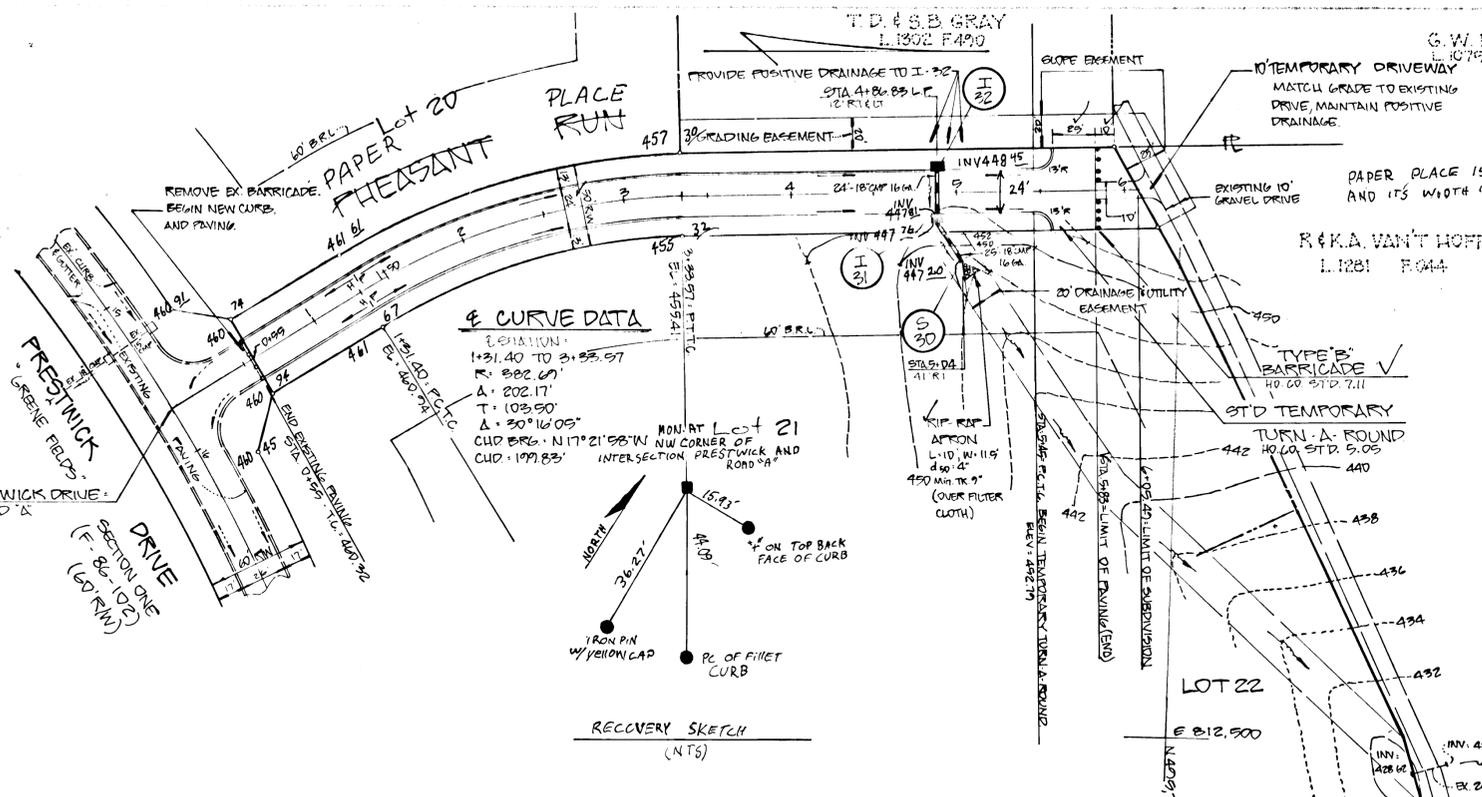


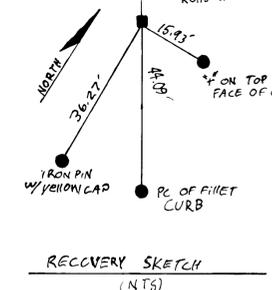
STATION 0+99 TO 5+45



TYPICAL SECTION (NO SCALE)



4 CURVE DATA
 ELEVATION: 1+31.40 TO 3+55.97
 R = 802.6'
 Δ = 202.17'
 T = 103.50'
 Δ = 30°16'05"
 CURV. BEG. N 17°21'58" W
 CURV. END S 17°21'58" W
 CUD = 199.83'



RECOVERY SKETCH (NTS)

STRUCTURE SCHEDULE						
NO	TYPE	TOP	INV. IN	INV. OUT	COMMENTS	STD
S-20	18" METAL END SECTION	448.80	-	447.2520	18" P	SD 5.61
I-31	18" INVERT	452.55	447.7681	447.5576	W 2'-6"	SD 4.01
I-32	18" INVERT	452.55	-	448.0045	W 2'-6"	SD 4.01

PIPE SCHEDULE			
SIZE	TYPE	LENGTH	
18"	CMF 16 GA	19 LF	

SCALES
 PLAN 1" = 50'
 PROFILE 1" = 5'

LEGEND
 PGL (TO) _____
 EX & RIGHT OF WAY _____
 75' BRL LEFT _____
 75' BRL RIGHT _____

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

DATE 3/25/86
 J. W. MILES
 COUNTY ENGINEER

APPROVED: FOR PRIVATE WATER, PRIVATE SEWER & PUBLIC DRAINAGE SYSTEMS & ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE 3/27/86
 R. J. REED
 COUNTY ENGINEER

AS BUILT OCT 10, 1986

HOWARD COUNTY
 CONTROL POINTS 2336001
 AND 2436001 WHERE USED FOR
 4:1 V CONTROL
 AS BUILT

DEVELOPER'S CERTIFICATE
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, 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.

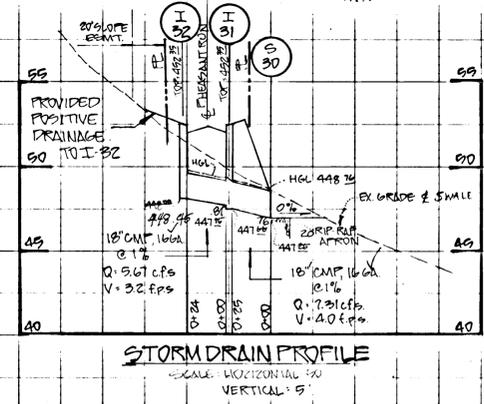
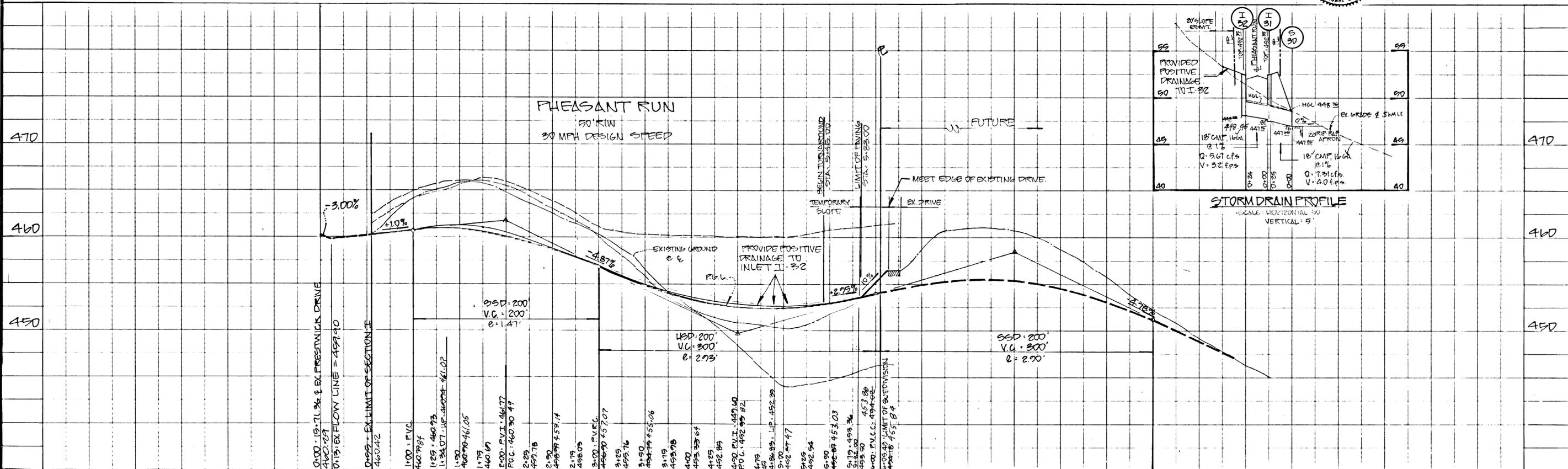
Richard Demmitt 1-10-86
 DATE

ENGINEER'S CERTIFICATE
 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 THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION SERVICE.



Richard Demmitt 4/19/86
 DATE

PHESANT RUN
 LIMIT OF APPROVAL THIS DRAWING 0+99 TO 5+45



STORM DRAIN PROFILE
 SCALE: HORIZONTAL 1" = 50'
 VERTICAL 1" = 5'

Client: Developer (CONTRACT)
 NO. _____
 DATE _____
 J.R.D. DEVELOPMENT CORPORATION
 P.O. BOX 208
 CLARKSVILLE, MD 21029
 301-531-5527

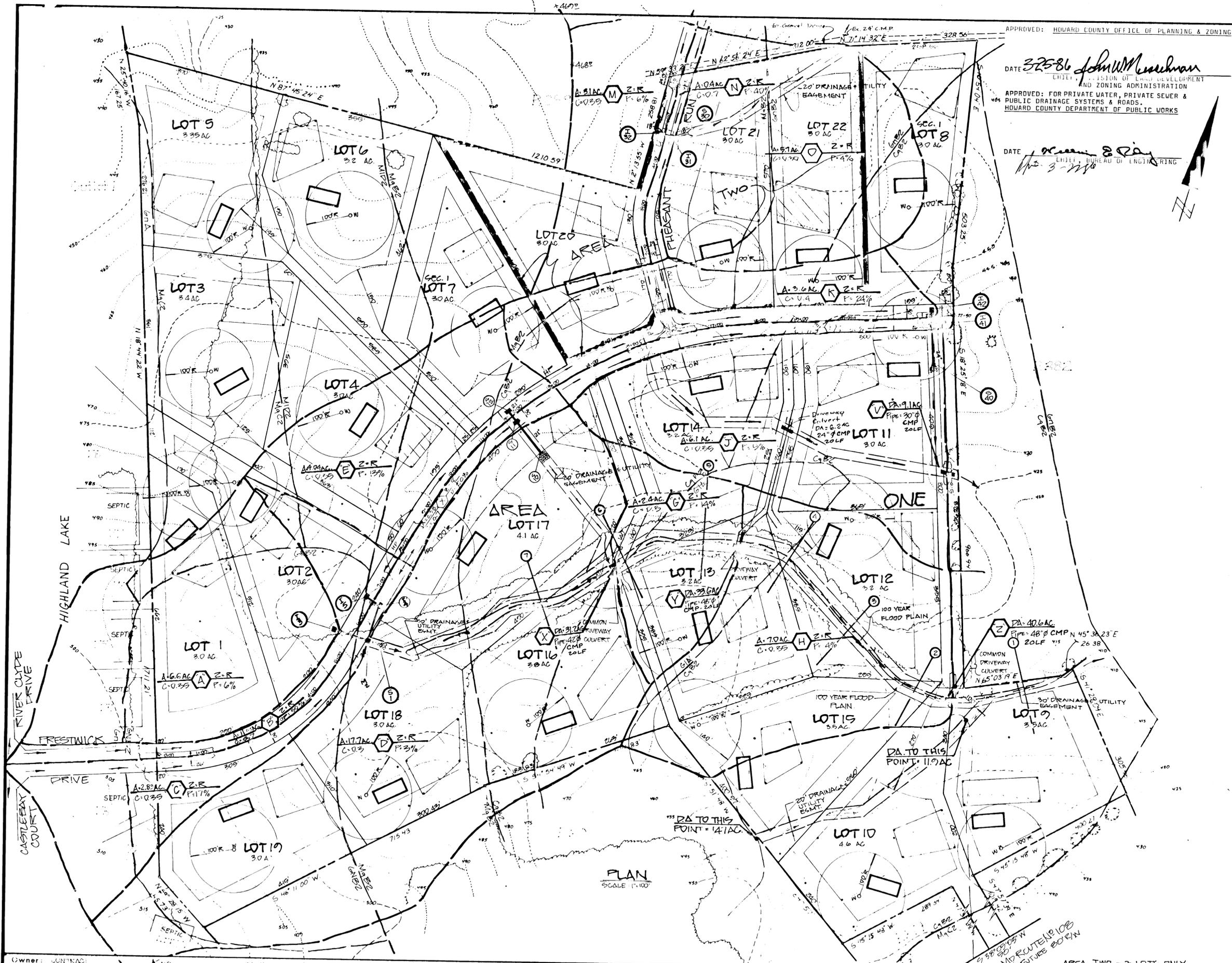


DEVELOPMENT CONSULTANTS GROUP, INC.
 17904 GEORGIA AVENUE # 102
 OLNEY, MARYLAND 20832
 301-924-4570

GRADE ESTABLISHMENT AND STORM DRAIN PLAN
 SECTION ONE, AREA TWO
GREENE FIELDS
 5TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

DEC 85
 DRAWN BY: [Signature]
 CHECKED BY: [Signature]
 SCALE AS SHOWN
 Sheet 2 of 3
 PROJECT NO. 136-01

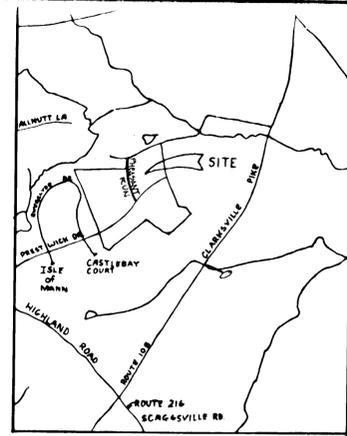
F-86-112 DOG# 136-01



APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

DATE 3-25-86
 JOHN W. MURPHY
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 APPROVED: FOR PRIVATE WATER, PRIVATE SEWER & PUBLIC DRAINAGE SYSTEMS & ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE 3-2-86
 [Signature]
 CHIEF, BUREAU OF ENGINEERING



VICINITY MAP
 SCALE 1" = 2000'

DEVELOPER'S CERTIFICATE
 "I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, 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."
 [Signature]
 DATE 1-10-86

ENGINEER'S CERTIFICATE
 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."
 [Signature]
 DATE 1-10-86



Owner: CONTRACT NO. [] NO. [] REVISIONS [] DATE []
 JRD DEVELOPMENT, INC.
 P.O. BOX 208
 CLARKSVILLE, MD 21029
 301-531-5537

DEVELOPMENT CONSULTANTS GROUP, INC.
 17904 GEORGIA AVENUE SUITE 102
 OLNEY, MARYLAND 20832
 301-924-4570

AREA TWO - 3 LOTS ONLY
 F-86-112
 DRAINAGE MAP AREA
GREENE FIELDS
 ELECTION DISTRICT 4B5
 TAX MAP 34 PARCEL 25-318
 HOWARD COUNTY, MARYLAND
 DATE: DEC 1985
 DRAWN: MIKE L.
 CHECKED: M.L.S.
 SCALE: 1" = 100'
 Sheet 3 of 3
 PROJECT NO. 136-01
 F-86-112

1194