PARCEL BB
JEFFREY SNEIDER & CO

PARCEL "C.C"
JEFFRY SNEIDER & CO

GOLDEN HOOK

SUNNY SPRING

60' R/W

BRIGHT PLUME

EXISTING 18" STORM DRAIN

EXISTING 21" STORM DRAIN

EXISTING 5' STORM DRAIN

PROPOSED 8" SANITARY

PROP 8" WATER

PROP 8" STUB

PROPOSED 12" WATER

PROPOSED 8" WATER

PROP 6" WATER

PROP 8" SANITARY

4' CONC SIDEWALK

STD MODIFIED CURB & GUTTER DWG D-40

PRIVATE PARKING

K-1 A=8000# 389.50'

K-2 A=4838# 387.00'

K-3 A=4800# 385.50'

K-4 A=6052# 388.50'

K-5 A=4987# 390.50'

K-6 A=5264# 392.50'

K-7 A=4500# 398.50'

K-8 A=4774# 394.00'

K-9 A=5700# 395.76'

K-10 A=4450# 394.76'

K-11 A=7447# 395.50'

K-12 A=6846# 397.00'

K-13 A=6290# 396.00'

K-14 A=5180# 394.00'

K-15 A=5700# 393.80'

K-16 A=4860# 393.00'

K-17 A=4473# 392.80'

K-18 A=4731# 391.70'

10' CONSTR STRIP

20' UTILITY EASEMENT

PROP 10' UTILITY EASEMENT

PROP 15' UTILITY EASEMENT

PROP 12' UTILITY EASEMENT

PROP 10' CL III

110'-15' RCCP CL III

PAVILION

PATH WAYS

FLAGSTONE PATH

ASPHALT PATH

SCREEN FENCE

SEE BMP #1, SHT 4

SEE BMP #2 & #4, SHT 4

SEE BMP #3, SHT 4

"OPEN SPACE" LOT 12
PB. 23
F. 81

OPEN SPACE
PB. 23
F. 81

PARCEL 'L'

100 YEAR FLOOD LEVEL
382.3 AS TAKEN
FROM GREEN ASSOC.
STUDY JAN 1978

100 YEAR FLOOD PLAIN

200 DITCH

20 FT. DRAINAGE & UTILITY EASEMENT

PROPOSED 8" SANITARY

EXIST. 66" R.C.C.P.

REMOVE EXIST 15" STUB

N 28° 08' 00" E 687.00'

LINV 382.00
T.W. = 388.00

PROP 8" STUB

N 423,600

E 823,000

NOTES
* CURBING SHOWN IS STANDARD 7" COMB. CURB & GUTTER SHOWN ON DRAWING D-40 HOWARD CO STANDARD DETAILS

3.00%

ENTRANCE DETAIL

GENERAL NOTES

1. PRESENT ZONING - SINGLE FAMILY MEDIUM DENSITY
2. PROPOSED ZONING - SINGLE FAMILY MEDIUM DENSITY
3. ALL BUILDING RESTRICTION LINES SHALL BE IN ACCORDANCE WITH THE FINAL DEVELOPMENT PLAN PHASE 100.
4. ALL MATERIAL AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
5. BASE WILL BE PRIMED IN ACCORDANCE WITH SECTION C-30-3 AS PROVIDED IN THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS.
6. TACK COAT IS REQUIRED IN ACCORDANCE WITH SECTION C-31-4 OF THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND STANDARD SPECIFICATIONS. ROAD CODE: 1 & 4

BITUMINOUS CONC SURFACE — BAND C-3 — 1"
BITUMINOUS CONC BASE — 4"
BAND C-2 TOP OR C-3
CLEARING & GRADING — ART. C-1
SUBGRADE — ART. C-2
BASE COURSE — ART. C-31 OR C-33
SURFACE — ART. C-31

DWG D-18 PAGE C8

PAVING AT PRIVATE PARKING

INTERSECTION PROFILES

E. SUNNY SPRING

PROP. GR

PROP. 8" SANITARY

PROP. 8" STUB

PROP. 8" WATER

PROP. 12" WATER

E. BRIGHT PLUME

NOTE: ⊙ DONATES EXISTING TREES TO BE SAVED

MAX. HEIGHT

15'-6"

FIN. GRD

SCHEMATIC PROFILE
SCALE 1"=10'

1"x6" STAGGERED EACH SIDE 2"x4" TOP & BOTTOM RUNNERS

4'x4' POST TREATED RANDOM SPACING

EXTENT OF SCREEN TO BE VERIFIED ON JOB SITE.

SCREEN FENCE
SCALE 1"=10'

HARPERS FARM RD
TWIN RIVERS RD
GOVERNOR WARFIELD PARKWAY
LITTLE PATUXENT
HOWARD CO COMMUNITY COLLEGE
CEDAR LANE
JERROLD DRIVE
BROWN
BEECHWOOD DRIVE
SITE
MD. RTE. 100

VICINITY MAP
SCALE 1"=2000'

PARCEL 'J'
RESEARCH HOMES

DENSITY CALCULATIONS

MEDIUM DENSITY

RESIDENTIAL LOTS	2.180	AC.
RIGHT OF WAY		AC.
CARPORT LOTS	2.103	AC.
TOTAL	4.283	AC.
TOTAL NO. PARKING SPACES	24	
TOTAL NO. OF RESIDENTIAL LOTS	18	
TOTAL NO. OF CARPORT SPACES	18	
TOTAL NO. OF SPACES (COMMUNITY OWNED & CARPORT LOTS)	42	
% COVERAGE OF BUILDING ON EACH LOT	38%	
% COVERAGE OF BUILDINGS ON ENTIRE TRACT	10%	

APPROVED
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 3/29/74

REVIEWED FOR _____ S.C.D.
NAME
AND MEETS TECHNICAL REQUIREMENTS
_____ 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 _____ DATE _____
HOWARD S.C.D.

N 423,200
E 824,100

INDEX OF SHEETS

DWG NO	DESCRIPTION
1	- SITE DEVELOPMENT PLAN
2	- STORM DRAIN PLAN & PROFILE
3	- DRAINAGE AREA MAP
1	- WATER & SEWER COVER SHEET
2	- WATER & SEWER PLAN & PROFILE
4	SWM PLAN (5)
5	SWM PROFILES
6	SWM NOTES & DETAILS (1)
7	" " " (2)
8	PLANTING PLANS & FB DETAIL

SITE DEVELOPMENT PLAN

LOTS K-1 TO K-18

A RESUBDIVISION OF
'PARCEL K'
SECT-1 AREA-1

"HICKORY RIDGE"

VILLAGE OF HICKORY RIDGE

5TH ELECTION DISTRICT HOWARD COUNTY MARYLAND
TAX MAP: NO-33 SCALE 1"=30' MARCH 8, 1978

(5) REVISED 7/25/2016 ADD SWM — REVISED DEC 4, 1978
REVISED JAN 8, 1974
REVISED 3/6/74
REVISED 3/29/74

SH. 1 of 8

FIELD RUN
TOPOGRAPHICAL SURVEY

SITE INFORMATION TAKEN FROM SURVEY BY:

MALCOLM E. HOPKINS ASSOC. INC.
CIVIL ENGINEERS & LAND SURVEYORS
JOSEPH SQUARE, COLUMBIA, MD.

PROFESSIONAL ENGINEER

I CERTIFY THAT THE 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 3/13/73

DEVELOPER

I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL, AND I 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 AUTHORIZED BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

SIGNATURE _____ DATE 3/15/73

HOWARD SOIL CONSERVATION DISTRICT

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

DISTRICT CONSERVATIONIST _____ 5-20-74 DATE

HOWARD SOIL CONSERVATION DISTRICT _____ 5-20-74 DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER _____ 4/24/74 DATE

APPROVED:

PLANNING DIRECTOR _____ 5-3-74 DATE

CHIEF, DIV OF LAND DEVELOPMENT _____ 5/3/74 DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

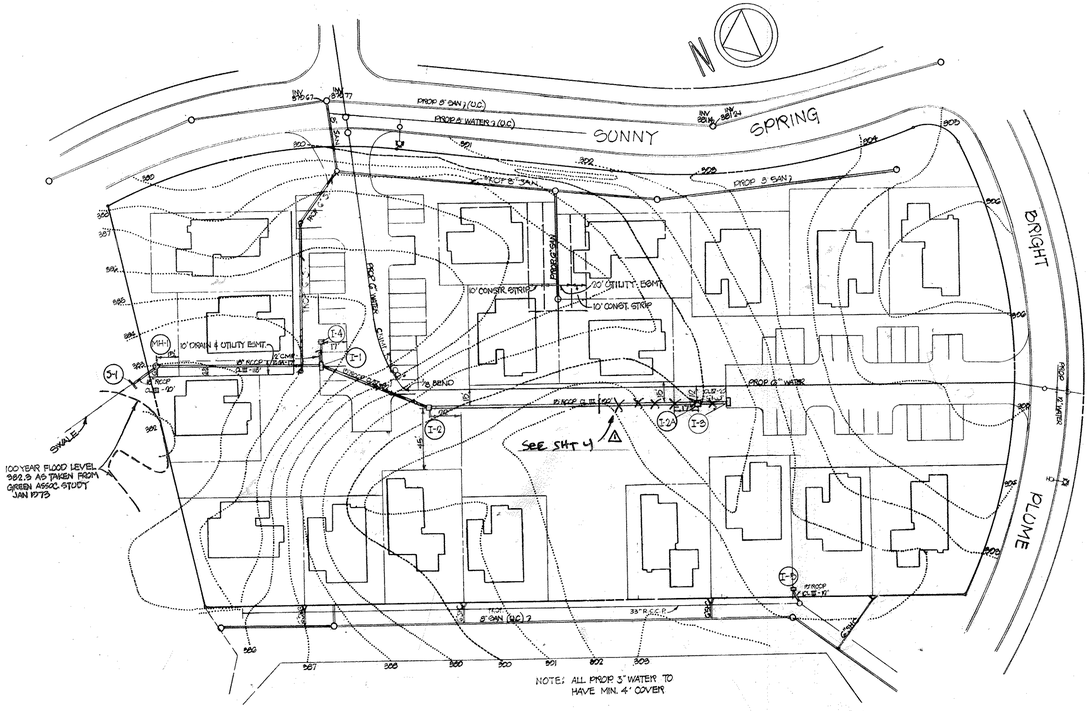
DIRECTOR _____ 4/11/74 DATE

CHIEF BUREAU OF HIGHWAYS _____ 4/9/74 DATE

john n. bowers, inc.
builders
columbia, maryland 21043

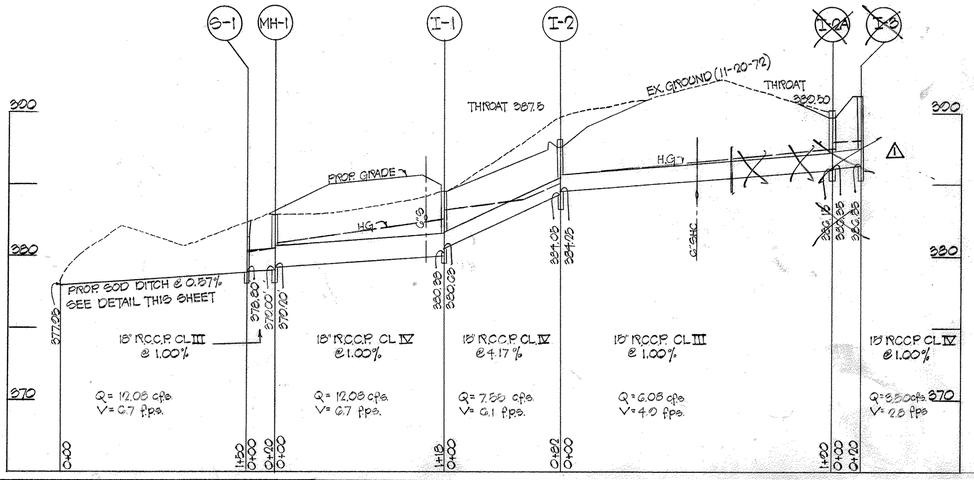
date:
dwg. no. SDP
1 of 8
revisions

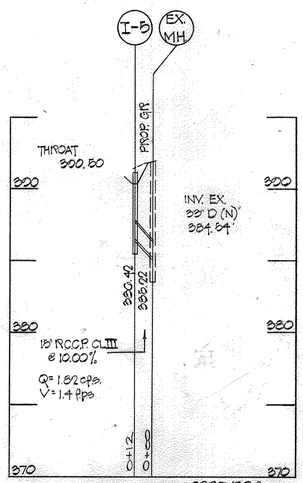
SDP 74-43

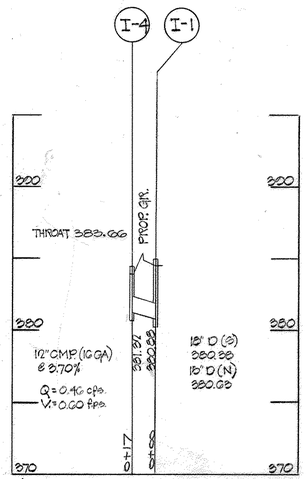


PLAN
SCALE 1"=50'

SEE SHT 5



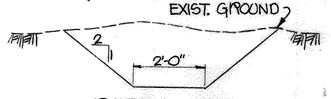




STRUCTURE SCHEDULE I[a]

NUMBER	TYPE	INVERT OUT	TOP ELEV.	
MH-1	SHALLOW MH.	370.00	383.50	
~~I-3~~	~~SINGLE 'S' COMB.~~	~~386.59~~	~~391.23~~	⚠
I-2A	C-INLET	388.15	390.34	~~THROAT 389.50~~
I-2	C-INLET	384.05	388.34	THROAT 387.50
I-1	SINGLE 'S' COMB.	380.38	385.34	
I-4	C-INLET	381.32	384.50	THROAT 383.66
S-1	'C' ENDWALL	378.80	381.10	
I-5	C-INLET	386.42	391.33	THROAT 390.50

[a] SEE STRUCTURE SCHEDULE, SHT 4 ⚠



DITCH DETAIL
NO SCALE

APPROVED
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 3/20/74

REVIEWED FOR _____ SCD
NAME
AND MEETS TECHNICAL REQUIREMENTS
SIGNATURE DATE
US SOIL CONSERVATION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
APPROVED _____ DATE _____
HOWARD S.C.D.

PROFESSIONAL ENGINEER
I CERTIFY THAT THE 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.

Howard A. Hopkins — 3-18-74
SIGNATURE DATE

DEVELOPER
I CERTIFY THAT ALL DEVELOPMENT AND/OR CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND I 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 AUTHORIZED BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

John N. Bowers — 3/15/74
SIGNATURE DATE

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

DISTRICT CONSERVATIONIST DATE

See Sheet #1 for approval
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: Thomas S. Harrison — 5-3-74
PLANNING DIRECTOR DATE
C.K. Clawson
CHIEF DIV. OF LAND DEVELOPMENT DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

William D. Ames — 4/4/74
DIRECTOR DATE
D. M. Meiland — 4/9/74
CHIEF BUREAU OF HIGHWAYS DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — 4/4/74 DATE

⚠ ADD SWM

1-31-74
DATE

ENGINEER
HUDKINS ASSOCIATES INC.
JOSEPH SQUARE
COLUMBIA, MARYLAND
21043

STATE OF MARYLAND — HOWARD A. HOPKINS — REG. NO. 4647 — PROFESSIONAL ENGINEER

OWNER AND DEVELOPER
JOHN N. BOWERS, INC.
SUITE 236
10632 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND
21043

DESIGNED BY: BILLINGSLEY
DRAWN BY: KREMPEL
CHECKED BY: MOSKUNAS

PLAN AND PROFILE
DRAINAGE AREA MAP
A RESUBDIVISION OF PARCEL-K, SECT. 1
AREA-1
"HICKORY RIDGE"
5TH ELECTION DISTRICT HOWARD COUNTY, MD.
SCALE: AS SHOWN

DRAWING NO. 12 OF 28
SCALE PLAN: 1"=50'
VERT: 1"=5'
HORIZ: 1"=50'

SDP 74-43

SONNY SPRING

BRIGHT PLUME

100 YEAR FLOOD LEVEL 382.3 AS TAKEN FROM GREEN ASSOC. STUDY JAN 1973

AREA = 0.10 Ac. C = 0.60

AREA = 0.04 Ac. C = 0.60

AREA = 0.40 Ac. C = 0.55

AREA = 0.61 Ac. C = 0.55

AREA = 0.66 Ac. C = 0.70

AREA = 0.47 Ac. C = 0.50

SEE NOTE 4

SEE NOTE 9

NOTE 4: STD. BARRIER CURB PAGE 95 DWG. D-6.0

NOTE 8: STD. 7" CONC. CURB & GUTTER PAGE 98 DWG. D-6.0

15" RCCP CL III - 118'

15" RCCP CL III - 100'

15" RCCP CL III - 80'

18" RCCP CL III - 72'

8" X MH.

MH-1

I-1 I-2 I-3 I-4 I-2A I-3A

A B C D E F

500 YEAR FLOOD

380 382 384 386 387 388 390 392 394 396 398 400 401 402 403 404 405

TO 87.6

TO 88.4

LOW 88.6

LOW 88.8

5.00 %

30.00'

DWG. D-11 PAGE GG

25'-0"

25'-0"

80.00'±

ENTRANCE DETAILS

SCALE : 1"= 30'-

BITUM. CONC. SURFACE 1"

BAND C-3

BITUM. CONC. BASE 4"

BAND C-1 OR C-2

CLEARING & GRADING	ARTICLE	C-1
SUBGRADE	ARTICLE	C-2
BASE COURSE	ARTICLE	C-31 OR C-33
SURFACE	ARTICLE	C-31

DWG. D-13 PAGE 68

PAVING AT PRIVATE PARKING

APPROVED
DIVISION OF LAND DEVELOPMENT & TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 3/20/74

REVIEWED FOR Howard SCD.
NAME
AND MEETS TECHNICAL REQUIREMENTS
SIGNATURE DATE 5-20-74
U.S. SOIL CONSERVATION SERVICE

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

APPROVED Robert W. Jenkins DATE 5-20-74
HOWARD SCD.

PROFESSIONAL ENGINEER

I CERTIFY THAT THE 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

Howard Wolsker 3/13/74
SIGNATURE DATE

DEVELOPER

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John Adams 3/15/74
SIGNATURE DATE

HOWARD SOIL CONSERVATION DISTRICT

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

DISTRICT CONSERVATIONIST DATE

See Sheet # 1 for approval
HOWARD SOIL CONSERVATION DISTRICT DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER — DATE 4/24/74

APPROVED:

PLANNING DIRECTOR — DATE 5-3-74

CHIEF, DIV. OF LAND DEVELOPMENT — DATE 5/3/74

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE 5/6/74

CHIEF BUREAU OF HIGHWAYS — DATE 5/7/74

ENGINEER
HUDKINS ASSOCIATES INC.
101 SHELL BUILDING
200 E. JOPPA ROAD
TOWSON, MD. 21204

1-21-74
DATE

STATE OF MARYLAND — HOWARD W. HUDKINS — REG. NO. 4047 — PROFESSIONAL ENGINEER

OWNER AND DEVELOPER
JOHN N. BOWERS, INC.
SUITE 236
10632 LITTLE PATUXENT PARKWAY
COLUMBIA, MARYLAND
21043

DESIGNED BY: BILLINGSLEY
DRAWN BY: I. REMPEL
CHECKED BY: MOSKOWITZ

PLAN OF DRAINAGE AREA MAP

PARCEL-K, SECT. 1
AREA-1
"HICKORY RIDGE"
5TH ELECTION DISTRICT HOWARD COUNTY, MD.
SHEET OF SCALE: AS SHOWN

DRAWING NO. 2 3 OF 2 8
SCALE 1"=30'

SDP 74-43