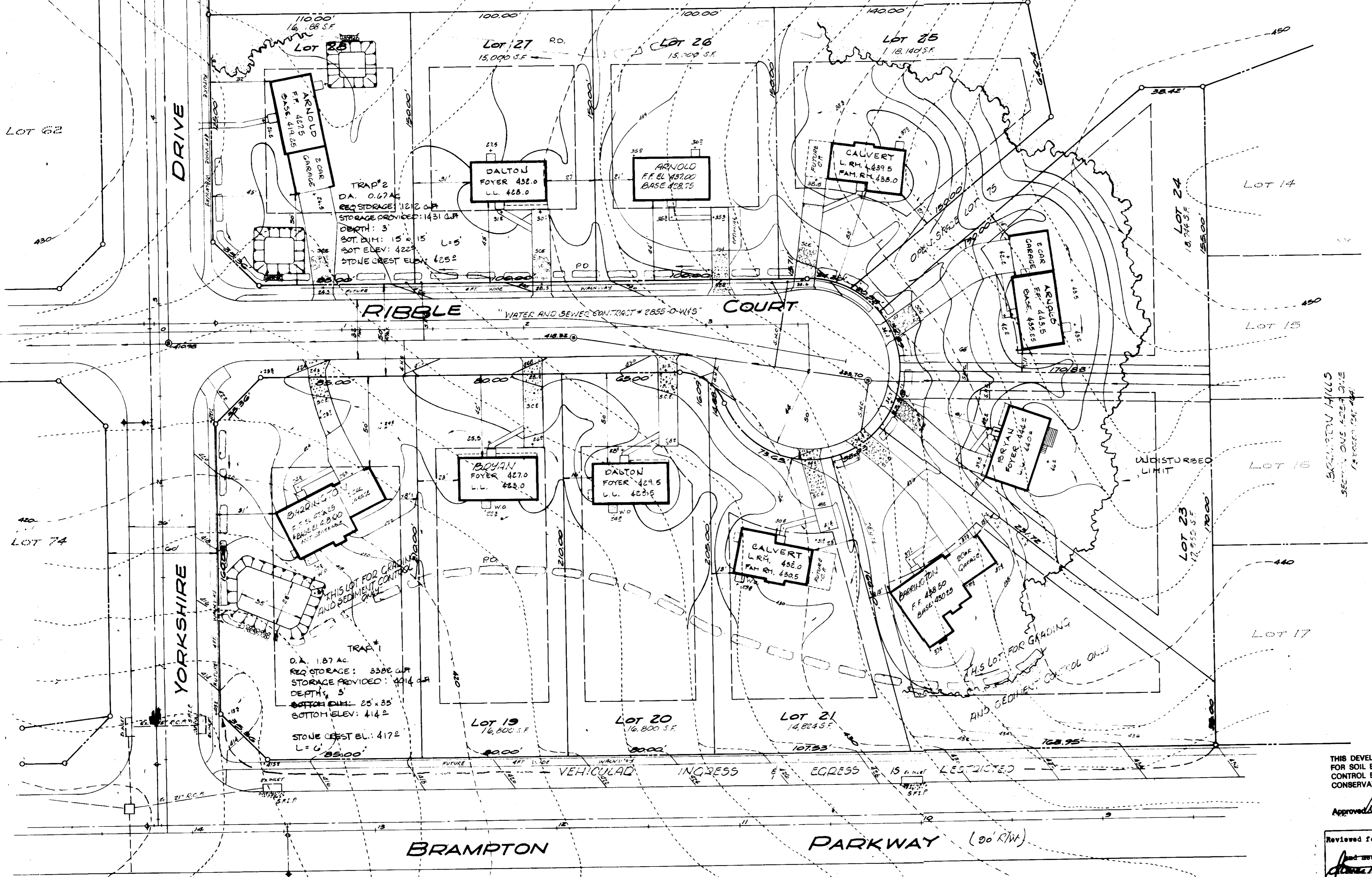
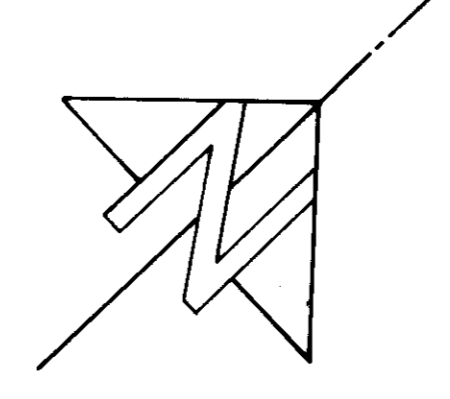


TRAP #3
 D.A. 0.56 AC
 RES STORAGE: 1013 cu ft
 STC RATE PROVIDED: 1080 cu ft
 DEPTH: 3'
 BOTTOM DIM.: 12' x 12'
 BOTTOM ELEV.: 423'
 STONE CREST ELEV.: 426'
 L=5'

BRAMPTON HILLS
 SECTION ONE AREA 1
 OPEN SPACE LOT 75



TRAP #2
 D.A. 0.67 AC
 RES STORAGE: 1122 cu ft
 STORAGE PROVIDED: 1431 cu ft
 DEPTH: 3'
 BOT. DIM.: 15' x 15'
 BOT. ELEV.: 422'
 STONE CREST ELEV.: 425'

TRAP #1
 D.A. 1.87 AC
 RES STORAGE: 3382 cu ft
 STORAGE PROVIDED: 4214 cu ft
 DEPTH: 3'
 BOTTOM DIM.: 25' x 35'
 BOTTOM ELEV.: 414'
 STONE CREST ELEV.: 417'

- SITE DEVELOPMENT GENERAL NOTES**
- ZONING - R-20
 - TOTAL NO. OF LOTS = 17
 - ROADWAYS, SIDEWALKS & UTILITIES ARE PUBLIC & EXISTING.
 - LOTS ARE RECORDED ON PLAT #4642 BRAMPTON HILLS SECTION 1 AREA 1
 - STREET TREES WILL BE PROVIDED IN ACCORDANCE WITH SECTION 16.131 HOWARD COUNTY SUBDIVISION REGULATIONS BY THE DEVELOPER.
 - THE CONTRACTOR SHALL CONTACT THE CONSTRUCTION INSPECTION SURVEY DIVISION 24 HRS IN ADVANCE OF COMMENCEMENT OF WORK CALL 202-241-0932 OR 202-241-0938

- SEDIMENT CONTROL NOTES**
- GRADING PERMITS SHALL BE OBTAINED PRIOR TO INSTALLATION OF SEDIMENT CONTROL & GRADING.
 - ALL SEDIMENT & EROSION CONTROL MEASURES WILL BE INSTALLED & STABILIZED ACCORDING TO THIS PLAN PRIOR TO ANY OTHER DISTURBANCE OF THE EXISTING SURFACE OF THE LOTS INCLUDED. FERTILIZE & LIME ACCORDING TO NOTE #6, SEED WITH ANNUAL RYE 1.5 LBS/1000 SQ. FT.
 - NOTIFY BUREAU OF INSPECTION & PERMITS AT LEAST 24 HOURS BEFORE STARTING WORK.
 - ALL SEDIMENT CONTROL PRACTICES TO CONFORM TO THE "STDS & SPECS FOR SOIL EROSION & SEDIMENT CONTROL IN DEVELOPING AREAS" AND SHALL BE ADJUSTED TO MEET ACTUAL FIELD CONDITIONS.
 - STABILIZATION OF DISTURBED GROUND TO BE DONE AS SOON AFTER CONSTRUCTION AS POSSIBLE.
 - PERMANENT STABILIZATION:
 KENTUCKY BLUEGRASS 40% CERTIFIED 85%
 CHEWING FESCUE 30% GERMINATION
 RED FESCUE 10% APPLIED AT
 ANNUAL RYE 10% 2 LBS/1000 SQ. FT.
 APPLY DOLOMITE LIME AT 20 LBS/1000 SQ. FT. AND FERTILIZER 10-10-10 AT 25 LBS/1000 SQ. FT. (OR AS INDICATED BY SOIL TEST) BEFORE SEEDING. MULCH WITH WOOD PINE GRAIN STRAW AT 10-20 LBS/1000 SQ. FT. & SECURE TO GROUND BY APPROVED METHOD.
 - SEDIMENT CONTROL MEASURES TO REMAIN IN PLACE UNTIL PERMISSION FOR REMOVAL HAS BEEN OBTAINED FROM BUREAU OF INSPECTION & PERMITS.
 - ON-SITE INSPECTION & MAINTENANCE OF SEDIMENT CONTROL MEASURES INCLUDING CLEAN OUT OF SEDIMENT TRAPS & DIXES & PROPER ESTABLISHMENT OF ALL VEGETATIVE MEASURES WILL BE THE RESPONSIBILITY OF THE DEVELOPER ON A CONTINUING DAY TO DAY BASIS.

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

Approved: *[Signature]* Date: 12-2-81
 Howard S.C.D.

Reviewed for: *[Signature]* Date: 12-2-81
 Name: *[Signature]*
 Signature: *[Signature]*
 U.S. Soil Conservation Service

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE: 11-19-81
[Signature]

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPT.
[Signature] Date: 12-14-81

APPROVED FOR PLANNING & ZONING
[Signature] Date: 12-15-81

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] Date: 12-8-81

APPROVED FOR ENGINEERING
[Signature] Date: 12-3-81

- CONSTRUCTION SEQUENCE**
- INSTALL SEDIMENT & EROSION CONTROL DEVICES AND STABILIZE PERIMETER DICES.
 - EXCAVATE FOR FOUNDATIONS & ROUGH GRADE.
 - ERECT STRUCTURES, DRIVEWAYS & WALKS.
 - FINAL GRADE, LIME, FERTILIZER & SEED FOR PERMANENT STABILIZATION.
 - REMOVE SEDIMENT CONTROL MEASURES AFTER PERMISSION HAS BEEN OBTAINED.

SITE ANALYSIS (For Sediment Control)

1. TOTAL AREA	198,700 S.F.
2. AREA TO BE ROOFED	15,400 S.F.
3. AREA TO BE PAVED	6,600 S.F.
4. AREA TO BE SEEDED	179,600 S.F.
5. UNDISTURBED AREA	87,550 S.F.

DEVELOPER'S/BUILDER'S CERTIFICATE

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH 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 COURSE OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SOIL EROSION AND SEDIMENTATION PROVIDED BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS AS A CONDITION OF PERMITTING.

[Signature] Date: 12/2/81
 SIGNATURE OF DEVELOPER/BUILDER

ENGINEER'S CERTIFICATE

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND FEASIBLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF SITE CONDITIONS AND THAT IT HAS BEEN PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

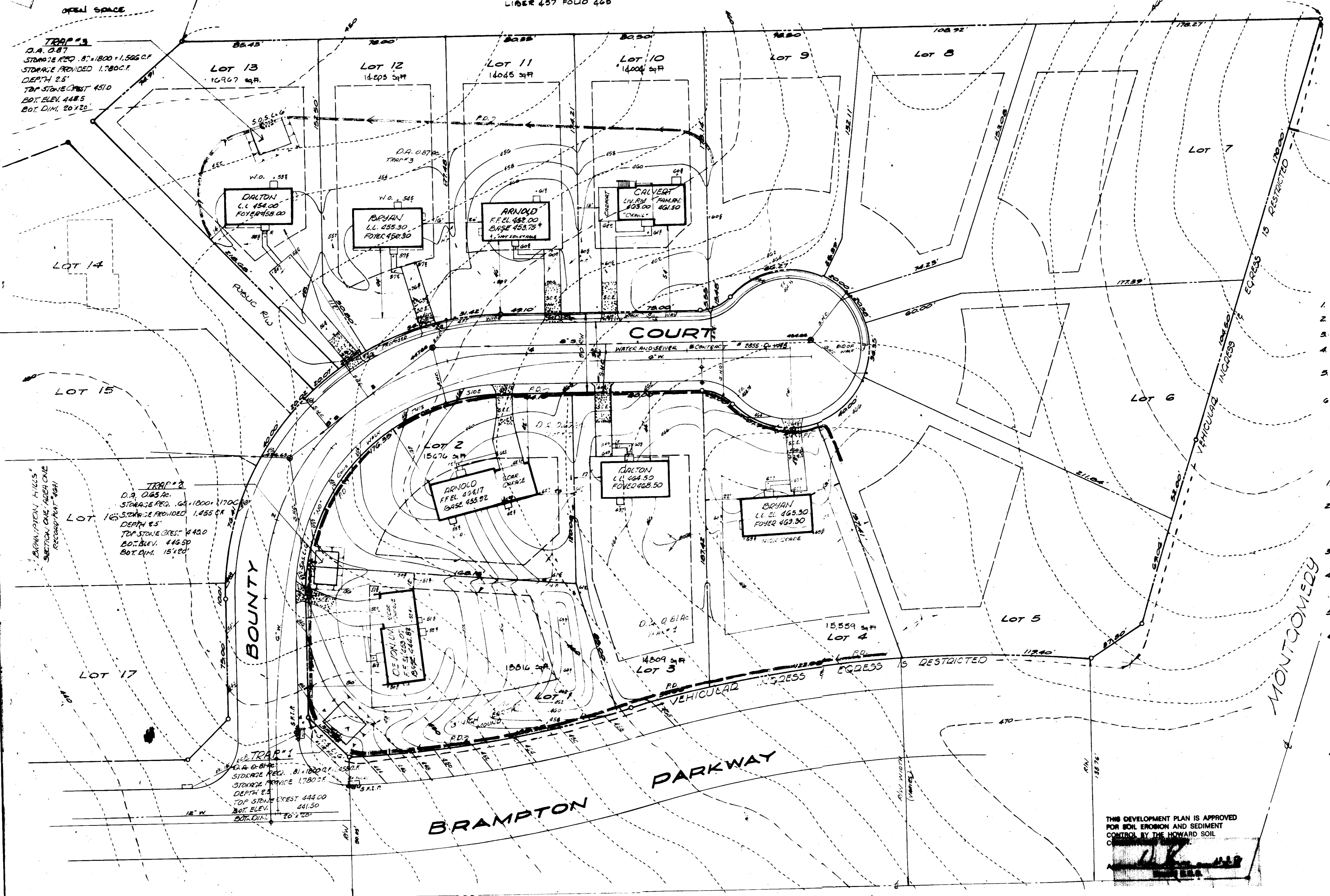
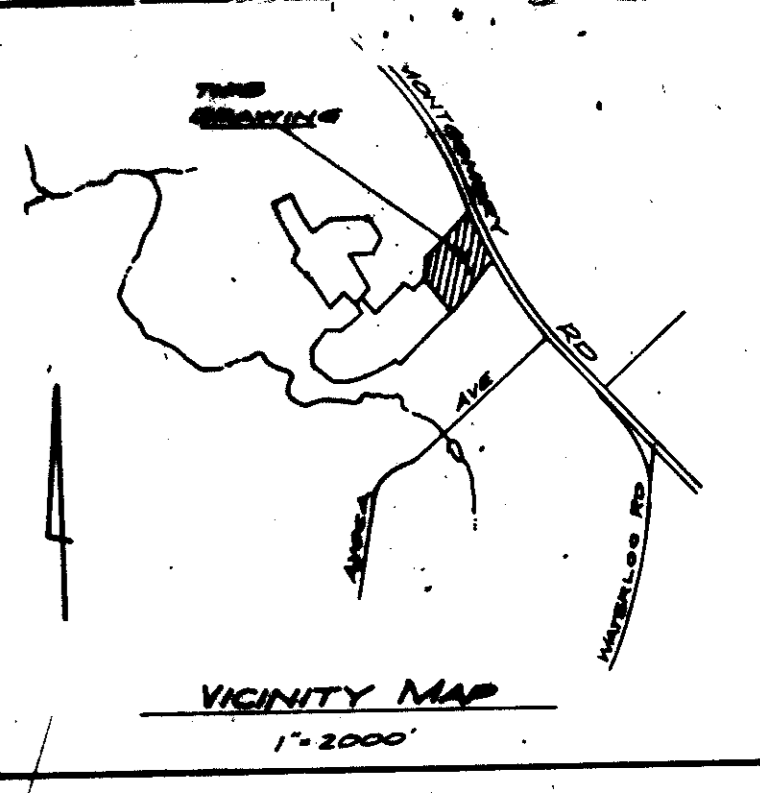
[Signature] Date: 12/2/81
 LAND SURVEYOR # 5532



ENDESIGN & ASSOCIATES
 715 HIGHWOOD DRIVE
 BALTIMORE, MD 21212 301-532-7830

DESIGNED	J.S.	SITE DEVELOPMENT & SEDIMENT CONTROL PLAN BRAMPTON HILLS SECTION 1 - AREA 1 - LOTS 1-6, 10-15, 19-21 AND 23-28 INCLUSIVE HOWARD COUNTY, MARYLAND AND ELECTION DISTRICT	SCALE	1" = 30'	
DRAWN	J.S.		DRAWING	1 OF 3	
CHECKED	J.S.		JOB NO.		
DATE	10/26/81		FOR: GRAYSON HOMES, INC.	FILE NO.	
			6818 JANNYNEA RD., RESTERTOWN, MD.		

SDP-82-54 S.D.P. 82-54



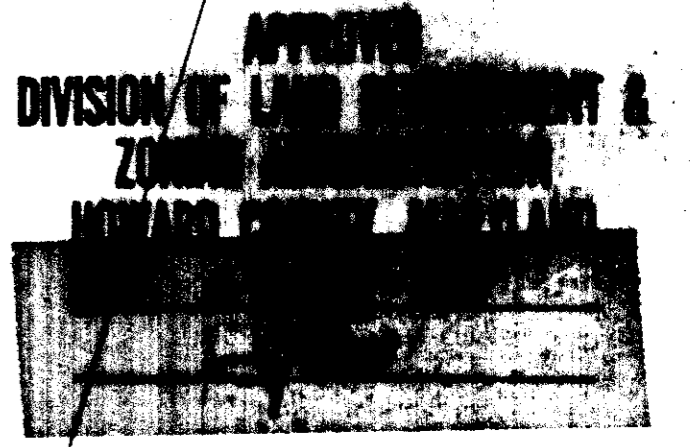
- SITE DEVELOPMENT GENERAL NOTES**
- ZONING = R-20 DISTRICT 9472
 - TOTAL NO. OF LOTS = 17 TOTAL APPROX. AREA = 6.58 AC.
 - ROADWAYS, SIDEWALKS & UTILITIES ARE PUBLIC & EXISTING.
 - LOTS ARE RECORDED ON PLAT #4641 BRAMPTON HILLS SECTION 1 AREA 1
 - STREET TREES WILL BE PROVIDED IN ACCORDANCE WITH SECTION 16.181 HOWARD COUNTY SUBDIVISION REGULATIONS BY THE DEVELOPER.
 - THE CONTRACTOR SHALL CONTACT THE CONSTRUCTION INSPECTION SURVEY DIV. 24 HRS. IN ADVANCE OF COMMENCEMENT OF WORK TEL. 641/302-2418

- SEDIMENT CONTROL NOTES**
- GRADING PERMITS SHALL BE OBTAINED PRIOR TO INSTALLATION OF SEDIMENT CONTROL & GRADING.
 - ALL SEDIMENT & EROSION CONTROL MEASURES WILL BE INSTALLED & STABILIZED ACCORDING TO THIS PLAN PRIOR TO ANY OTHER DISTURBANCE OF THE EXISTING SURFACE OF THE LOTS INCLUDED. FERTILIZER & LIME ACCORDING TO NOTE #6, SEED WITH ANNUAL RYE 15 LBS/1000 SQ. FT.
 - NOTIFY BUREAU OF INSPECTION & PERMITS AT LEAST 24 HOURS BEFORE STARTING WORK.
 - ALL SEDIMENT CONTROL PRACTICES TO CONFORM TO THE "SIP" & "SPACE" FOR SOIL EROSION & SEDIMENT CONTROL IN DEVELOPING AREAS" AND SHALL BE ADJUSTED TO MEET ACTUAL FIELD CONDITIONS.
 - STABILIZATION OF DISTURBED GROUND TO BE DONE AS SOON AFTER CONSTRUCTION AS POSSIBLE.
 - PERMANENT STABILIZATION:

KENTUCKY BLUEGRASS	40%	CERTIFIED 85% COMBINATION
CRIMSON FESCUE	30%	APPLIED AT 25 LBS/1000 SQ. FT.
RED FESCUE	20%	APPLIED AT 25 LBS/1000 SQ. FT.
ANNUAL RYE	10%	5 LBS/1000 SQ. FT.

 APPLY CHEMICALS LINE AT 20 LBS/1000 SQ. FT. AND FERTILIZER 10-10-10 AT 25 LBS/1000 SQ. FT. (NOT AS INDICATED BY SOIL TEST) BEFORE SEEDING. MULCH WITH WOOD CHIPS OR STRAW AT 20-30 LBS/1000 SQ. FT. & SECURE TO GROUND BY APPROVED METHOD.
 - SEDIMENT CONTROL MEASURES TO REMAIN IN PLACE UNTIL PERMISSION FOR REMOVAL HAS BEEN OBTAINED FROM BUREAU OF INSPECTION & PERMITS.
 - ON SITE INSPECTION & MAINTENANCE OF SEDIMENT CONTROL MEASURES INCLUDING CLEAN OUT OF SEDIMENT TRAPS & DIKES & PROPER ESTABLISHMENT OF ALL VEGETATIVE MEASURES WILL BE THE RESPONSIBILITY OF THE DEVELOPER ON A CONTINUING DAY TO DAY BASIS.

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



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC UTILITIES

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY DEPARTMENT OF PUBLIC UTILITIES

- CONSTRUCTION SEQUENCE**
- INSTALL SEDIMENT & EROSION CONTROL DEVICES AND STABILIZE PERIMETER DIKES.
 - EXCAVATE FOR FOUNDATIONS & FINISH GRADE.
 - ERECT STRUCTURES, DRIVEWAYS & WALKS.
 - FINISH GRADE, LIME, FERTILIZER & SEED FOR PERMANENT STABILIZATION.
 - REMOVE SEDIMENT CONTROL MEASURES AFTER PERMISSION HAS BEEN OBTAINED.

SITE ANALYSIS (for Sediment Control)

1. TOTAL AREA	124,100 S.F.
2. AREA TO BE ROOFED	11,200 S.F.
3. AREA TO BE PAVED	4,800 S.F.
4. AREA TO BE SEEDED	108,100 S.F.
5. UNDISTURBED AREA	42,498 S.F.

DEVELOPER'S/BUILDER'S CERTIFICATE

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THE PLAN OF DEVELOPMENT AND PERMITS BEING AND SUBJECT TO THE ALL THAT ALL RESPONSIBLE PERSONS INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CONTINUING OBLIGATION AT A COST OF MATERIALS PROVIDED THROUGHOUT THE PROJECT FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO CERTIFY TO PERFORM ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT AT THEIR DETERMINED POINTS, AS ARE OBLIGED THEREBY.

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 SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.



ENDESIGN & ASSOCIATES
715 HILWOOD DRIVE
BALTIMORE, MD. 21212 301-552-7830

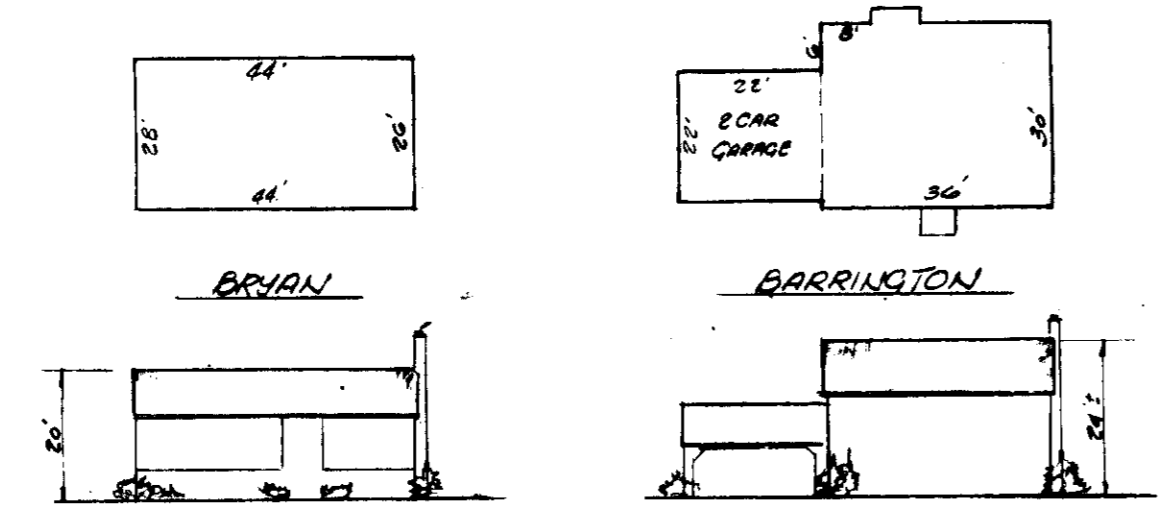
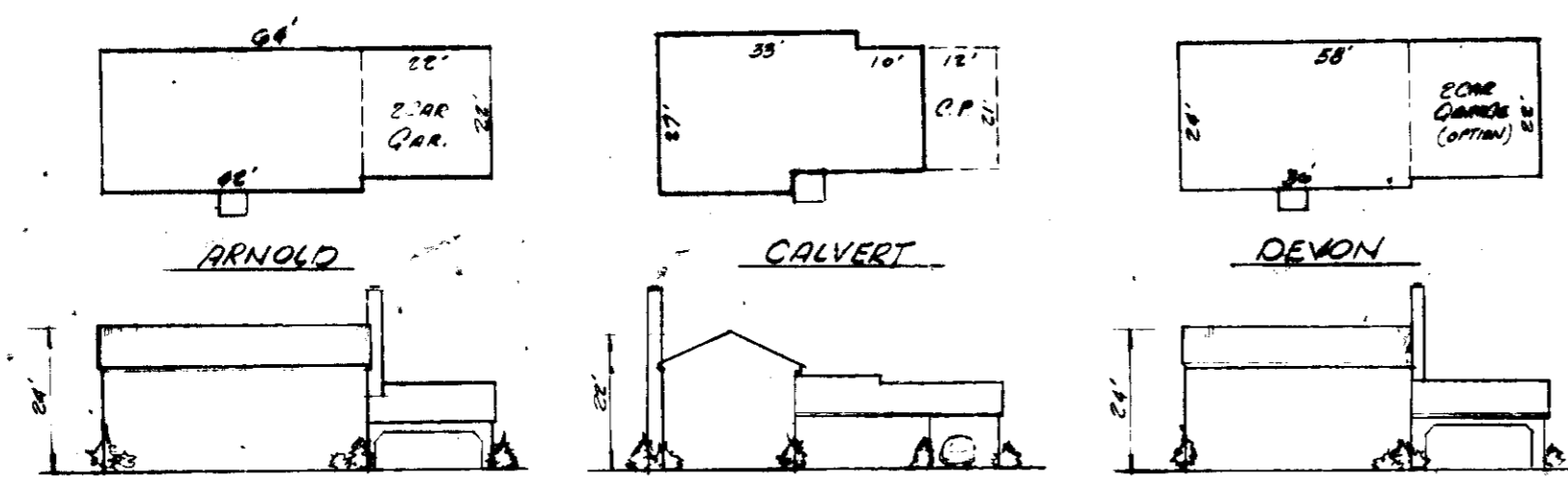
SITE DEVELOPMENT & SEDIMENT CONTROL PLAN
BRAMPTON HILLS
SECTION 1-AREA 1- LOTS 2-17
HOWARD COUNTY, MARYLAND
2ND ELECTION DISTRICT

FOR: GRAYSON HOMES, INC.
638 JENNINGS RD., RESTON, VA 20190

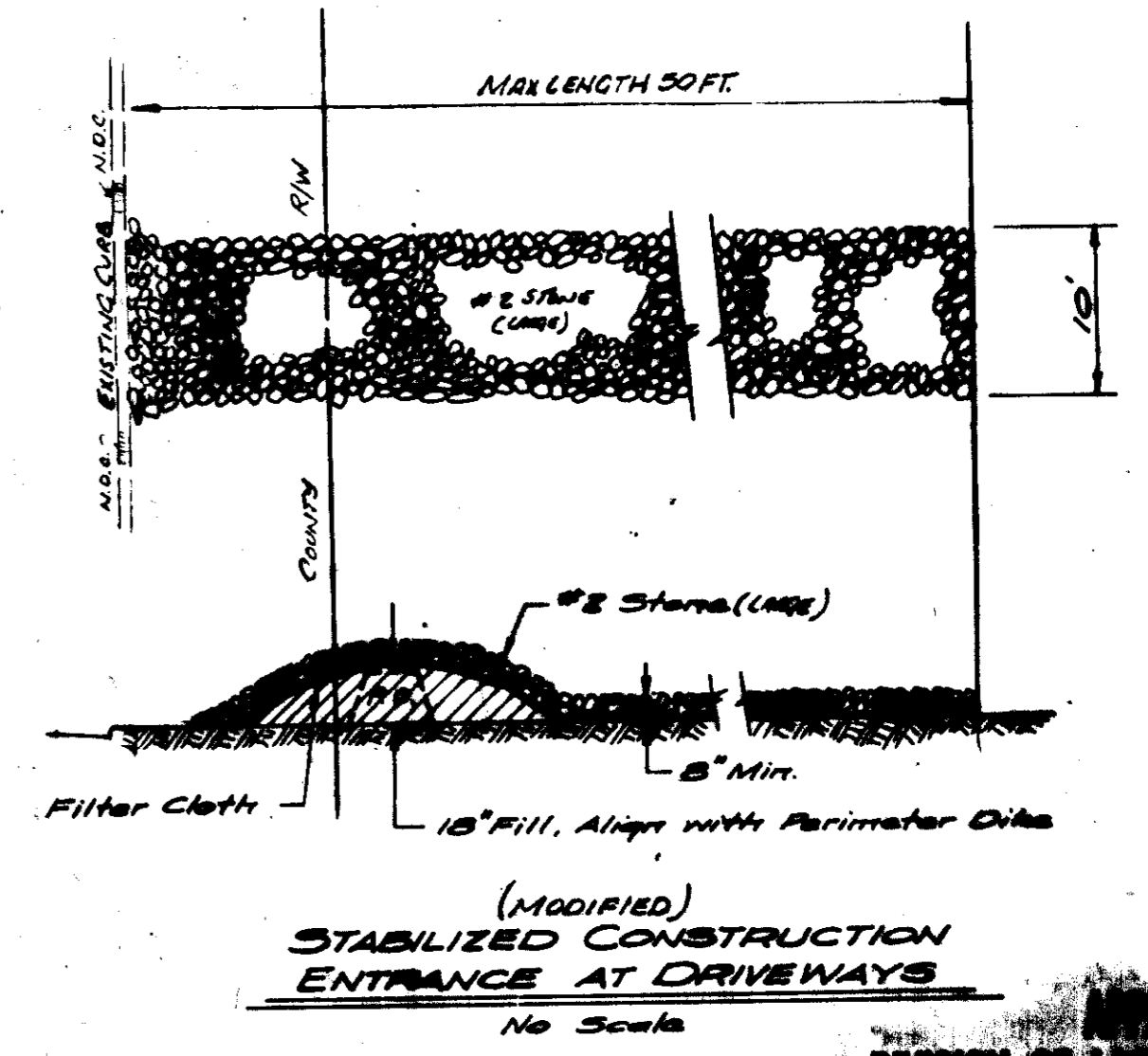
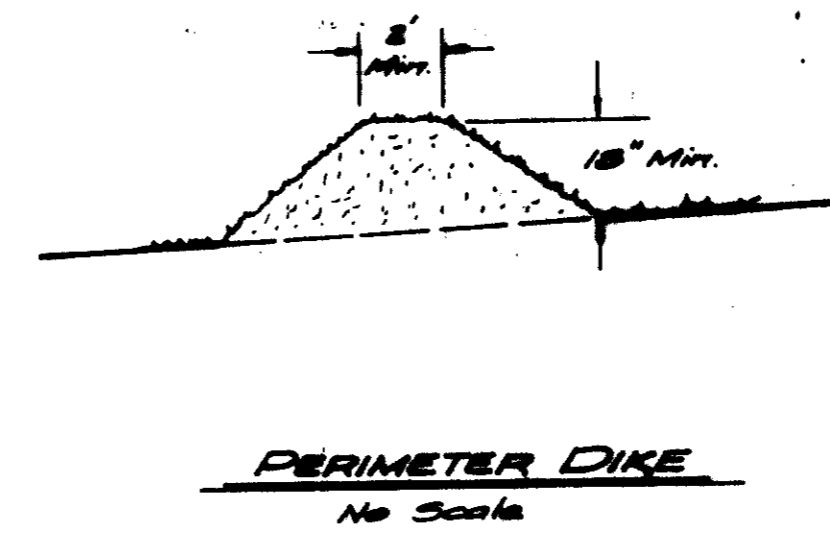
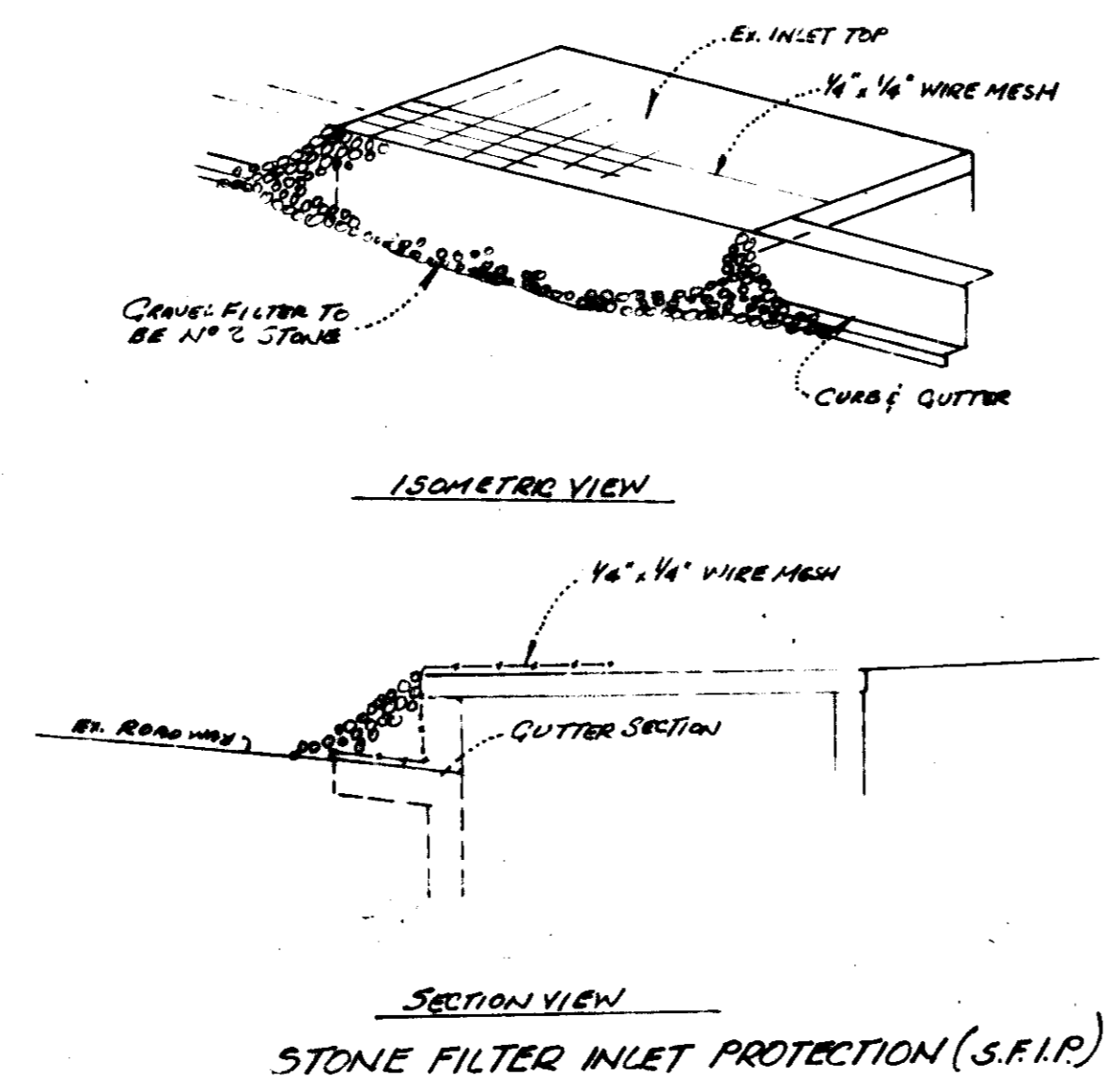
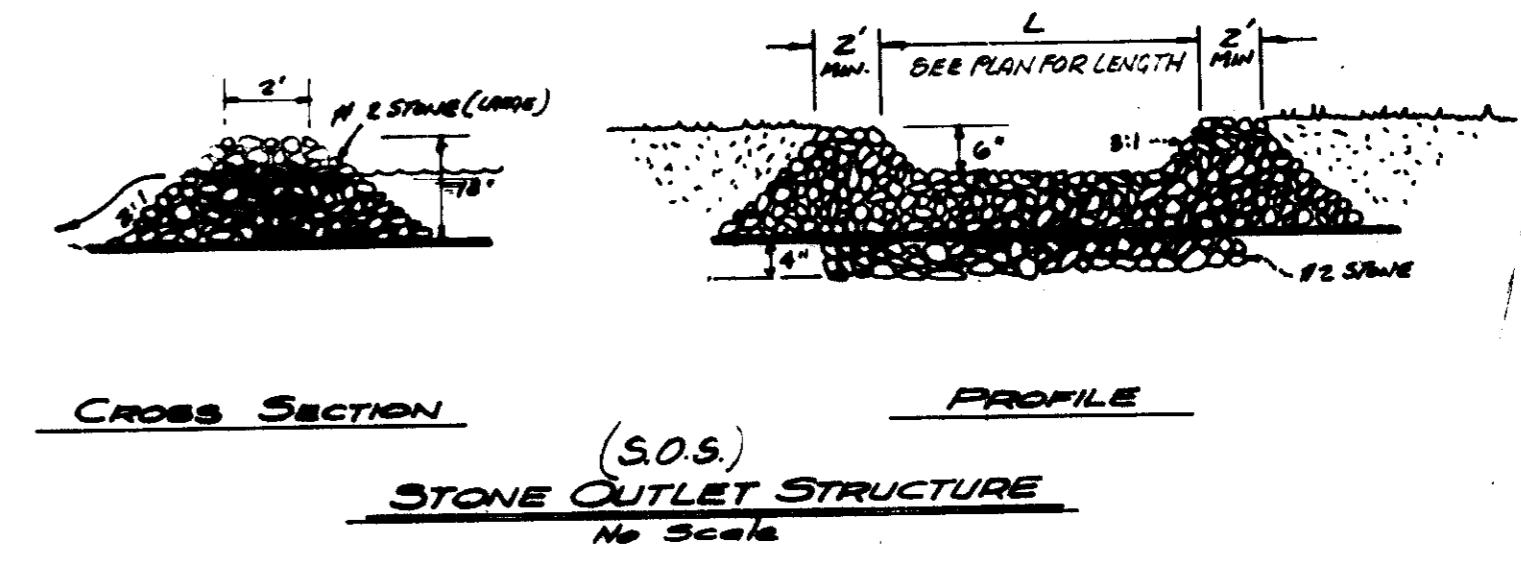
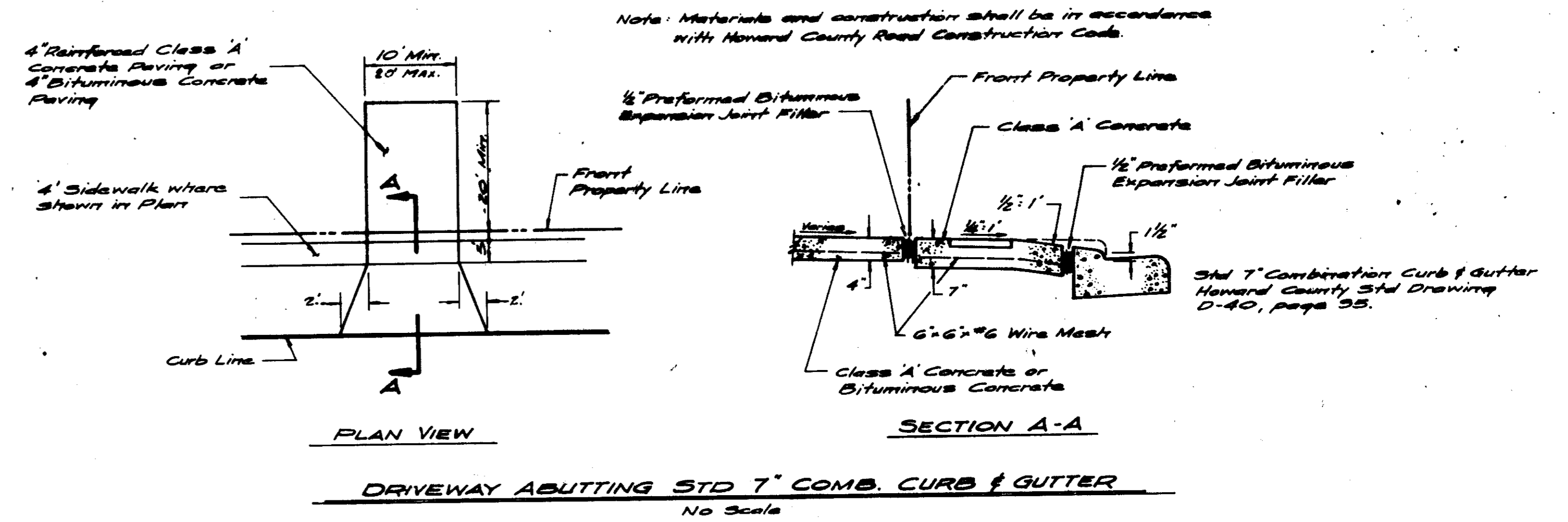
DATE: 10/27/01

SCALE: 1" = 30'
DRAWING: 2 OF 3
JOB NO.:
FILE NO.:

SDP-02-54 S.D.P. 5'-54'



MODEL TYPES



APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
12-15-91
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
12-8-91

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

DEVELOPER/BUILDER CERTIFICATE
I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THE PLAN OF DEVELOPMENT AND FOR THE EROSION AND SEDIMENT CONTROL AND THAT ALL EROSION CONTROL MEASURES INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DATE OF INSTALLATION REQUIRING APPROVED TRAINING PERSONNEL FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO CERTIFY THAT I AM A LICENSED SURVEYOR BY THE HOWARD SOIL CONSERVATION DISTRICT OF THEIR AUTHORIZED SERVICE, AS ARE REQUIRED NECESSARY.

ENGINEER CERTIFICATE
I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT
Walter P. [Signature] 10/18/91
LAND SURVEYOR # 5589 DATE



OWNER: SIGITA ZUBKUS SUITE 115 10500 RIVER ROAD POTOSI, MD. 20654

ENDESIGN & ASSOCIATES 716 HIGHWOOD DRIVE BALTIMORE, MD. 21212 301-532-7830		SCALE NO SCALE
DESIGNED J.S./RW	SITE DEVELOPMENT & SEDIMENT CONTROL DETAILS BRAMPTON HILLS SECTION 1-AREA 1 - LOTS 1-4, 10-13, 19-21 HOWARD COUNTY, MARYLAND 2ND ELECTION DISTRICT	DRAWING 3043
DRAWN J.S./RW		JOB NO.
CHECKED		FILE NO.
DATE 10/20/91	FOR: GRAYSON HOMES, INC. 685 JENNIFER RD., BELTSVILLE, MD.	SDP-82-54 S.D.P. 02-54