

SHEET INDEX	
	DESCRIPTION
1	TITLE SHEET
2	SITE DEVELOPMENT PLAN
3	DETAILS
4	PLANTING PLAN
5	SEDIMENT CONTROL PLAN & DETAILS

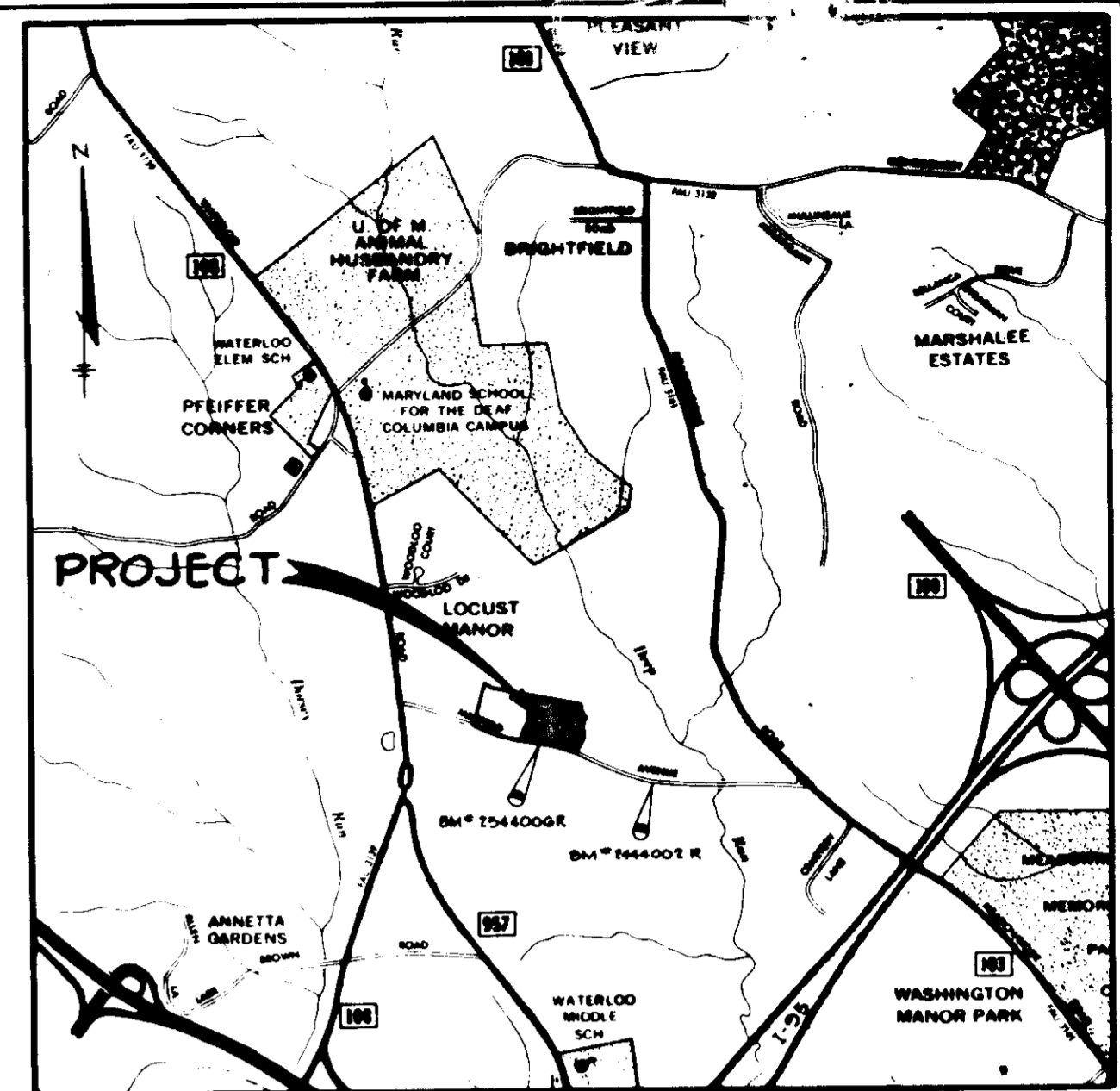
SITE DEVELOPMENT PLAN

THOMPSONS PURCHASE

SECTION 3 , AREA 1

1ST ELECTION DISTRICT

HOWARD COUNTY , MARYLAND



VICINITY MAP
SCALE 1"=2000'

BENCH MARKS

HC BM # 2444002 R ELEV. 289.474
R D 03' BELOW SURFACE

HC BM # 2544006 R ELEV. 303.925
R D 02' BELOW SURFACE

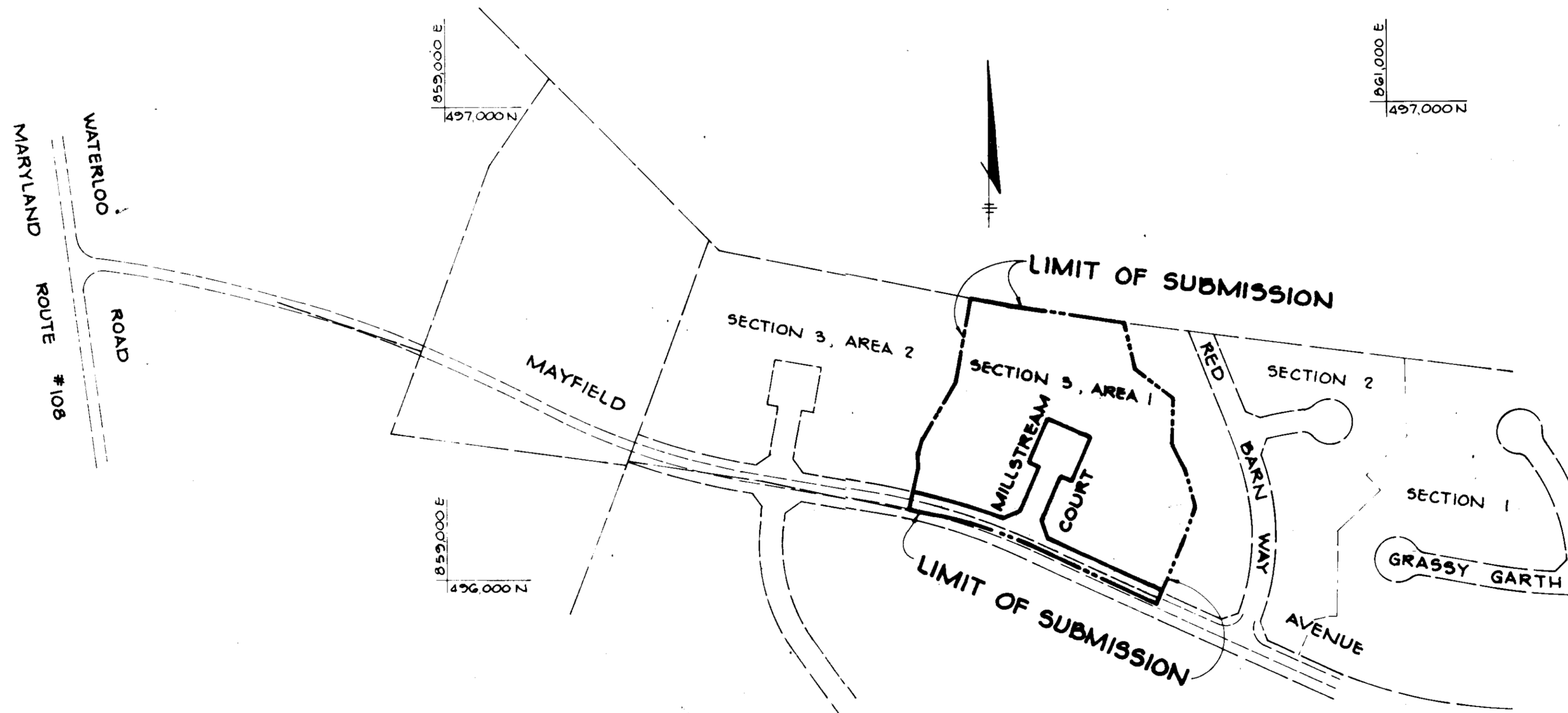
GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, I.E., STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
- APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE EXISTING UTILITIES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATION SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL TEST PIT EXISTING UTILITIES, WHERE DIRECTED BY THE ENGINEER, A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS.
- CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THIS/THESE DRAWINGS:

C & P TELEPHONE COMPANY	735-9976
HOWARD COUNTY BUREAU OF UTILITIES	992-2366
AT&T CABLE LOCATION DIVISION	393-3553
BALTIMORE GAS AND ELECTRIC COMPANY	685-0123
STATE HIGHWAY ADMINISTRATION	531-5533
HOWARD COUNTY CONSTRUCTION/INSPECTION SURVEY DIVISION	992-2417/2418
- TOPO TAKEN FROM FIELD RUN SURVEY BY HUDKINS ASSOCIATES DATED: MAY 1983

SITE DATA

EXISTING ZONING	RSC
TOTAL AREA OF SITE	5.924 Ac
NO. OF RESIDENTIAL LOTS	36
AREA OF OPEN SPACE LOT 37	2.954 Ac
PARKING:	
REQUIRED - 2 SPACES/D.U.	72
PROVIDED	72
DISTURBED AREA	4.8 Ac
AREA TO BE RESEED	3.1 Ac




PLAN
SCALE 1"=200'

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-1-83

ADDRESS CHART			
LOT NOS	STREET ADDRESSES	LOT NOS	STREET ADDRESSES
1	7950 MILLSTREAM COURT	20	7996 MILLSTREAM COURT
2	7952 "	21	7987 "
3	7954 "	22	7985 "
4	7956 "	23	7983 "
5	7960 "	24	7981 "
6	7962 "	25	7977 "
7	7964 "	26	7975 "
8	7966 "	27	7973 "
9	7970 "	28	7971 "
10	7972 "	29	7967 "
11	7974 "	30	7965 "
12	7976 "	31	7963 "
13	7980 "	32	7961 "
14	7982 "	33	7957 "
15	7984 "	34	7955 "
16	7986 "	35	7953 "
17	7990 "	36	7951 "
18	7992 "	37	OPEN SPACE
19	7994 "		

SUBDIVISION NAME THOMPSONS PURCHASE	SECT/AREA 3/1	LOT/PARCEL # 1 THRU 37
PLAT # OR L/F 5638 THRU 5640	BLOCK # 154	ZONE R-5C
TAX/ZONE MAP/ELEC. DIST 37	CENSUS TR 1	6011
WATER CODE 14-1113-D	SEWER CODE 14-1113-D	

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.							
<i>James M. Boyd, M.D., M.P.H.</i> COUNTY HEALTH OFFICER	11/14/83 DATE						
APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS. HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS							
<i>Joseph F. Nunn</i> DIRECTOR	11-9-83 DATE						
<i>William J. Reilly</i> CHIEF, BUREAU OF ENGINEERING	11-9-83 DATE						
APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.							
<i>Ronald A. Harris</i> PLANNING DIRECTOR	11-16-83 DATE						
<i>Paul M. ...</i> CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION	11-16-83 DATE						
<table border="1"> <thead> <tr> <th>NO</th> <th>DATE</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		NO	DATE	REVISION			
NO	DATE	REVISION					
TRACY, SCHULTE & ASSOCIATES INC. planning • architecture • engineering 8450 Baltimore National Pike • Suite 34 • Ellicott City, Maryland 21043 • (301) 466-6105							
							
PROJECT THOMPSONS PURCHASE SECTION 3 - AREA 1, LOTS 1 THRU 37							
OWNER SECURITY DEVELOPMENT CORP 8450 BALTIMORE NATIONAL PIKE ELICOTT CITY, MD 21043	LOCATION TAX MAP 37 PARCEL 154 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND						
DEVELOPER SECURITY DEVELOPMENT CORP 8450 BALTIMORE NATIONAL PIKE ELICOTT CITY, MD 21043	TITLE TITLE SHEET						
DESIGNERS DES. J.R.S./J.K.T. DRN. R.J.W.	DATE JUNE 1983 PROJECT NO 0382 3DP SCALE AS SHOWN DRAWING 1 OF 5						

WARD OF EDUCATION OF
HOWARD COUNTY, MARYLAND
1031/293
ZONED R5C

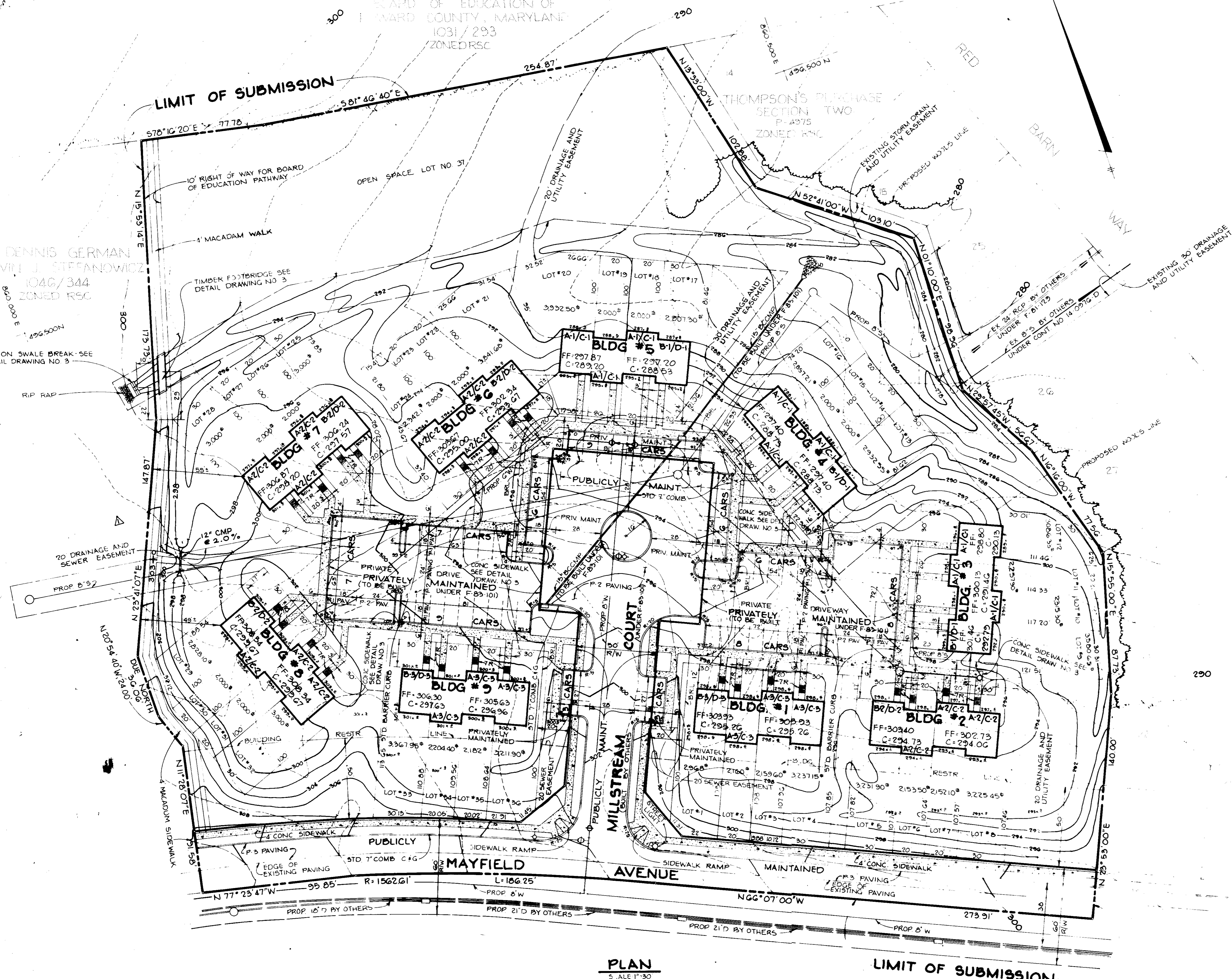
THOMPSON'S PURCHASE
SECTION TWO
P-4375
ZONED R5C

- NOTES:
1. ALL BITUMINOUS PAVING, CONCRETE CURB AND GUTTER, BARRIER CURB, STORM DRAIN STRUCTURES, AND 6'-0" AND 4'-0" CONCRETE SIDEWALK, SHALL BE INSTALLED UNDER F-83-101. ALL PUBLIC WATER AND SEWER MAINS AND CONNECTIONS SHALL BE INSTALLED UNDER CONTRACT 14-113-D.
 2. SEDIMENT CONTROL DEVICES SHALL BE INSTALLED UNDER F-83-101. FOR SUPPLEMENTAL SEDIMENT CONTROL SEE DRAWING 5 OF 5. NO WORK SHALL BEGIN ON SITE UNTIL ALL SEDIMENT CONTROL DEVICES SHALL BE REPAIRED AT THE END OF THE WORKING DAY.
 3. STORM WATER MANAGEMENT FOR THIS SITE IS PROVIDED UNDER F-81-43 AND IS IN PLACE.

DENNIS GERMAN
MELVIN J. STEFANOWICZ
1040/344
ZONED R5C

GABION SWALE BREAK-SEE
DETAIL DRAWING NO 3


LIMIT OF SUBMISSION



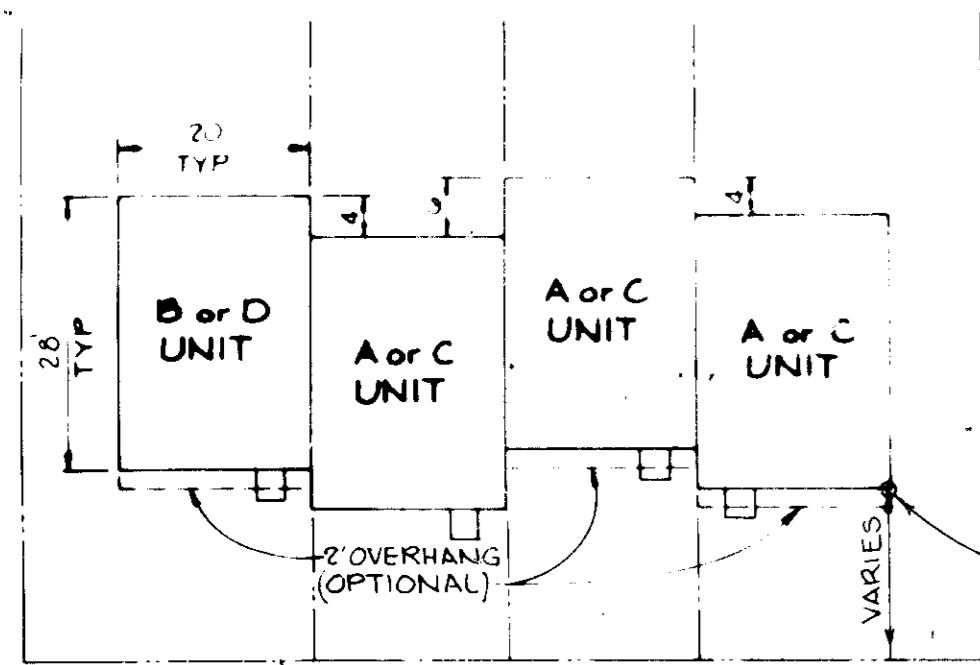
PLAN
SCALE 1"=30'

LIMIT OF SUBMISSION

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-1-83

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	
<i>John M. Boyd</i> COUNTY HEALTH OFFICER	11/1/83 DATE
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEM AND PUBLIC USE	
<i>Henry F. Nemmy</i> DIRECTOR	11-9-83 DATE
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEM AND PUBLIC USE	
<i>William E. Reay</i> SPECIAL AGENT IN CHARGE	11-9-83 DATE
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING	
<i>Thomas H. Hamper</i> PLANNING DIRECTOR	11-16-83 DATE
<i>John Muschmann</i> CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION	11-16-83 DATE
7-7-86 ADDED 12" CMP UNDER MACADAM WALK @ BLDGS 7 & 8	
NO	DATE
REVISION	
TRACY, SCHULTE & ASSOCIATES INC. planning • architecture • engineering 8450 Baltimore National Pike • Suite 34 • Ellicott City, Maryland 21043 • (301) 465-6105	
 <i>James K. Tracy</i>	
OWNER	PROJECT
SECURITY DEVELOPMENT CORP 8450 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MD 21043	THOMPSONS PURCHASE SECTION 3-AREA 1, LOTS 1 THRU 37
DEVELOPER	LOCATION
SECURITY DEVELOPMENT CORP 8450 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MD 21043	TAX MAP 37 PARCEL 154 1ST ELECTION DISTRICT HOWARD COUNTY, MARYLAND
TITLE	DATE
SITE DEVELOPMENT PLAN	JUNE 1983
DATE	PROJECT NO
JUNE 1983	0382 S0P
DESIGNER	SCALE
DRN R.W.	1"=30'
DRAWING	OF
2	5

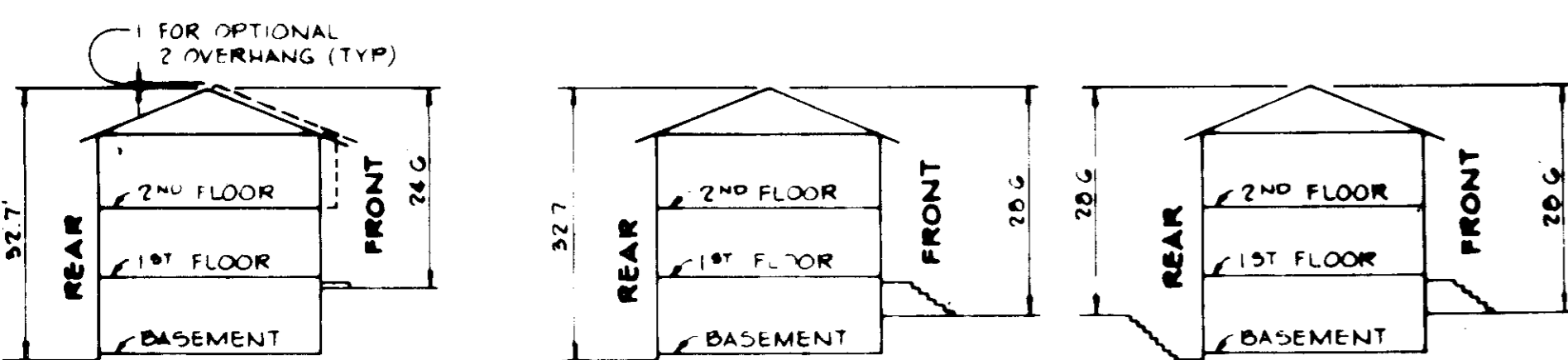
SOP#83-215



TYPICAL PLAN

NOTE:
C-UNIT IS A UNIT REVERSED
D-UNIT IS B UNIT REVERSED

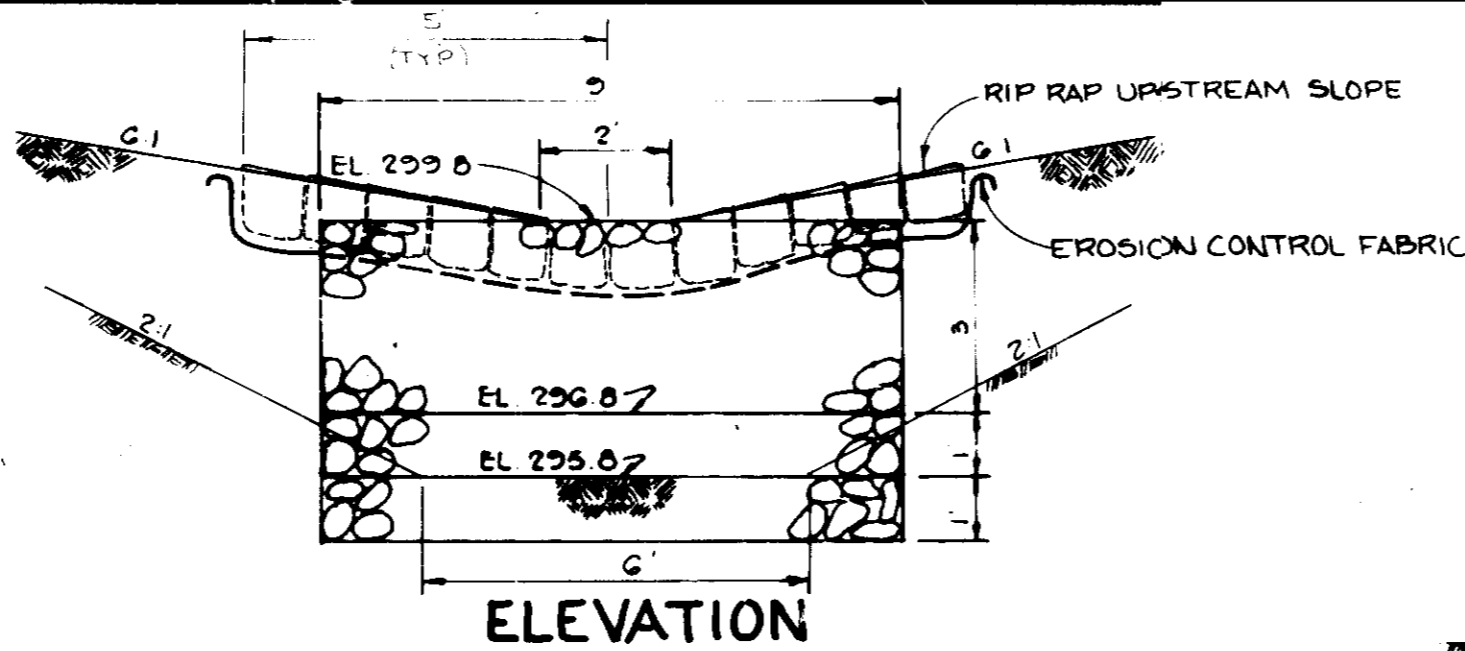
STAKEOUT DIMENSIONS SHOWN ON PLAN ARE TO THIS POINT



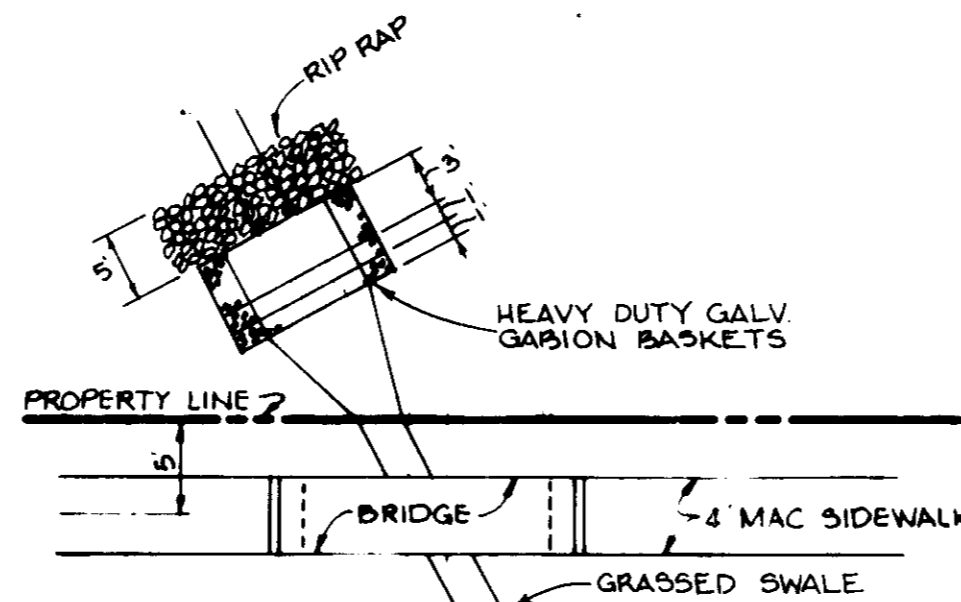
TYPICAL ELEVATIONS

TOWNHOUSE SCHEMATICS

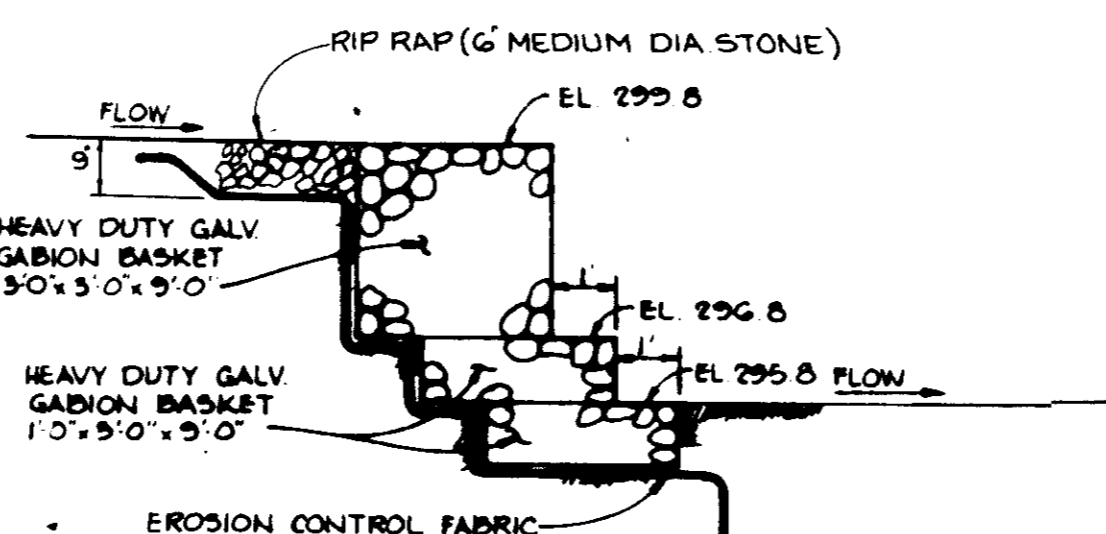
NO SCALE



ELEVATION



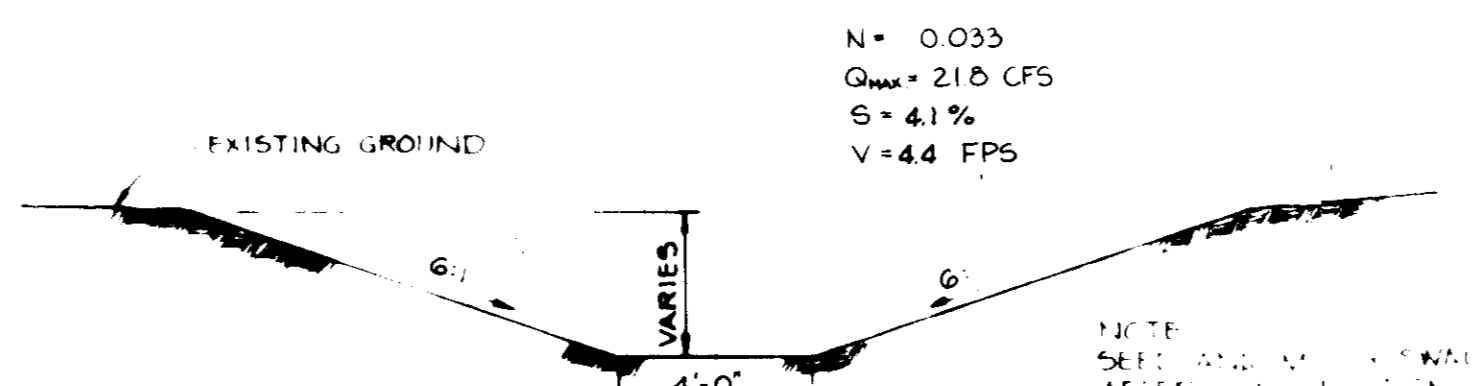
PLAN



TYP. SECTION

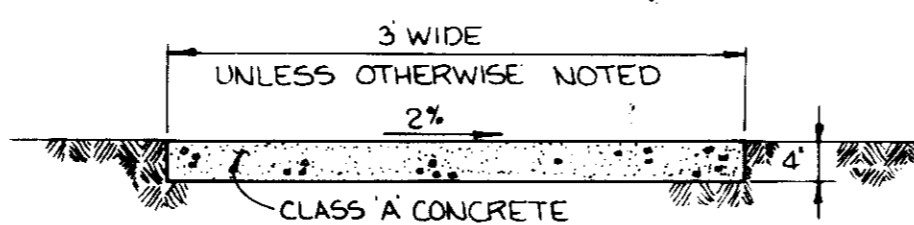
GABION SWALE BREAK

NO SCALE



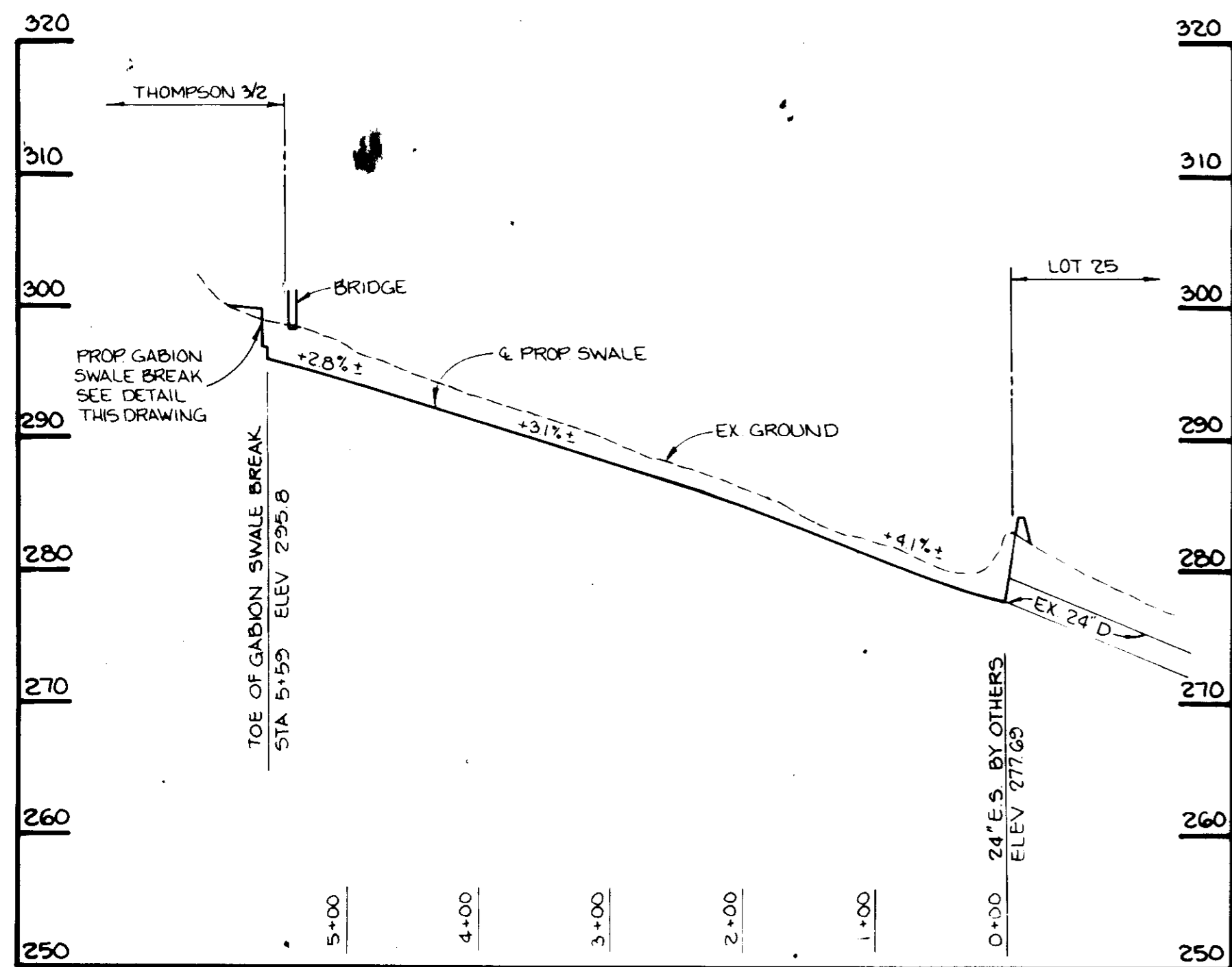
GRASSED SWALE

NO SCALE



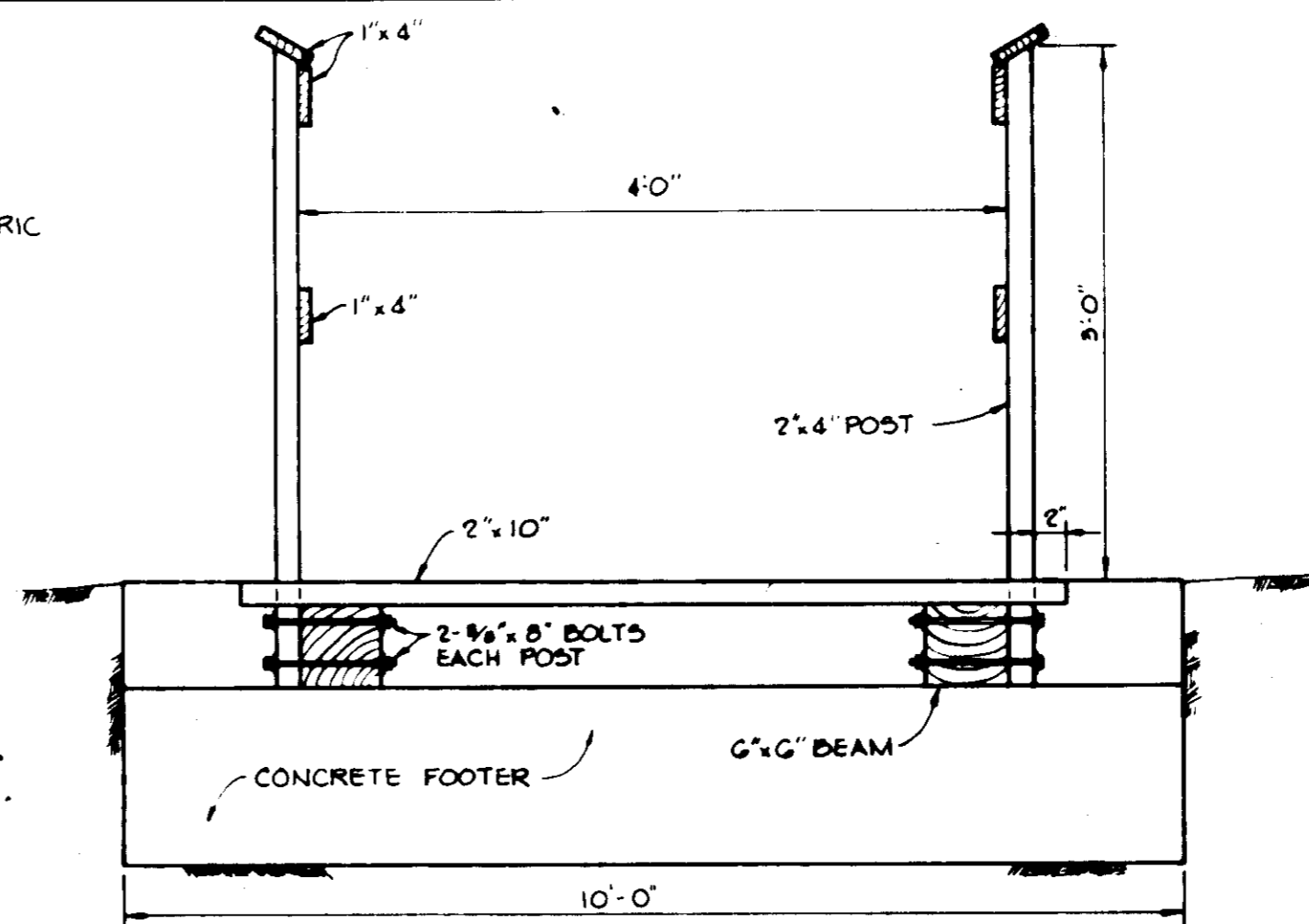
SIDEWALK DETAIL

NO SCALE

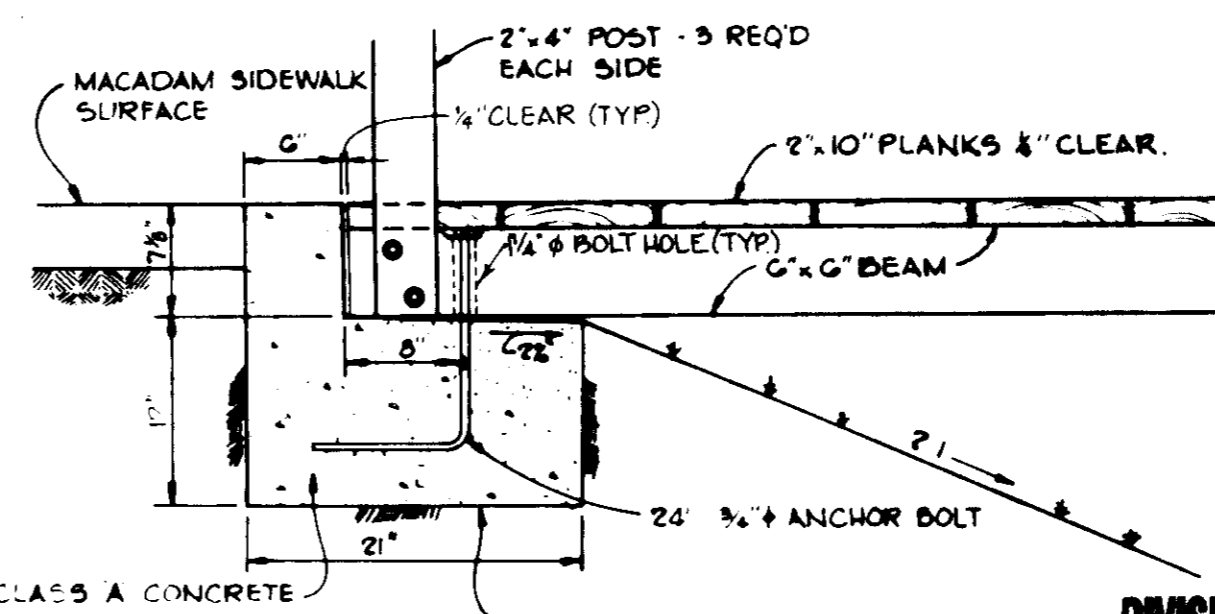


PROFILE

SCALE: H: 1"=100'
V: 1"=10'

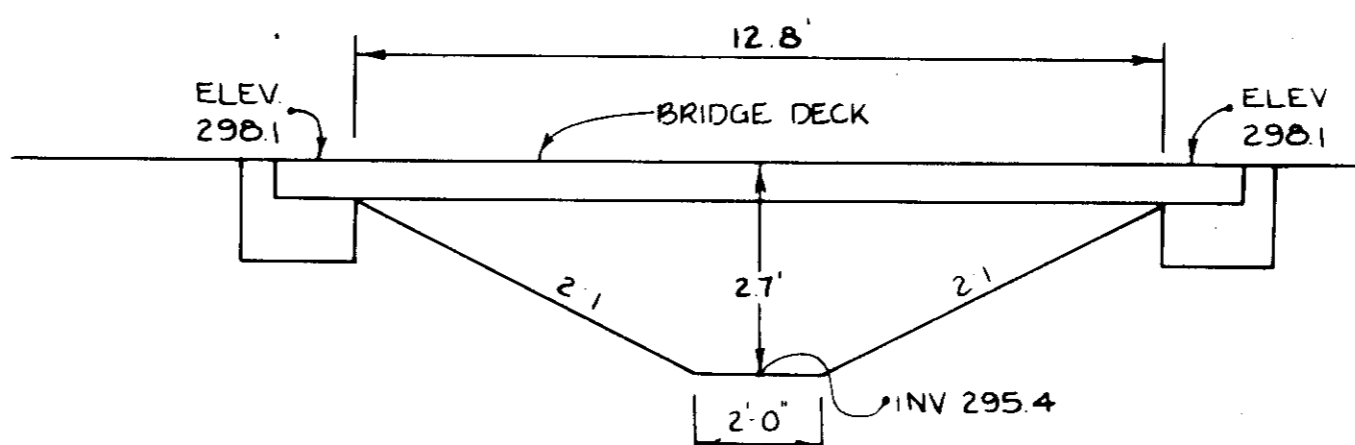


TYP. SECTION



ANCHORING DETAIL

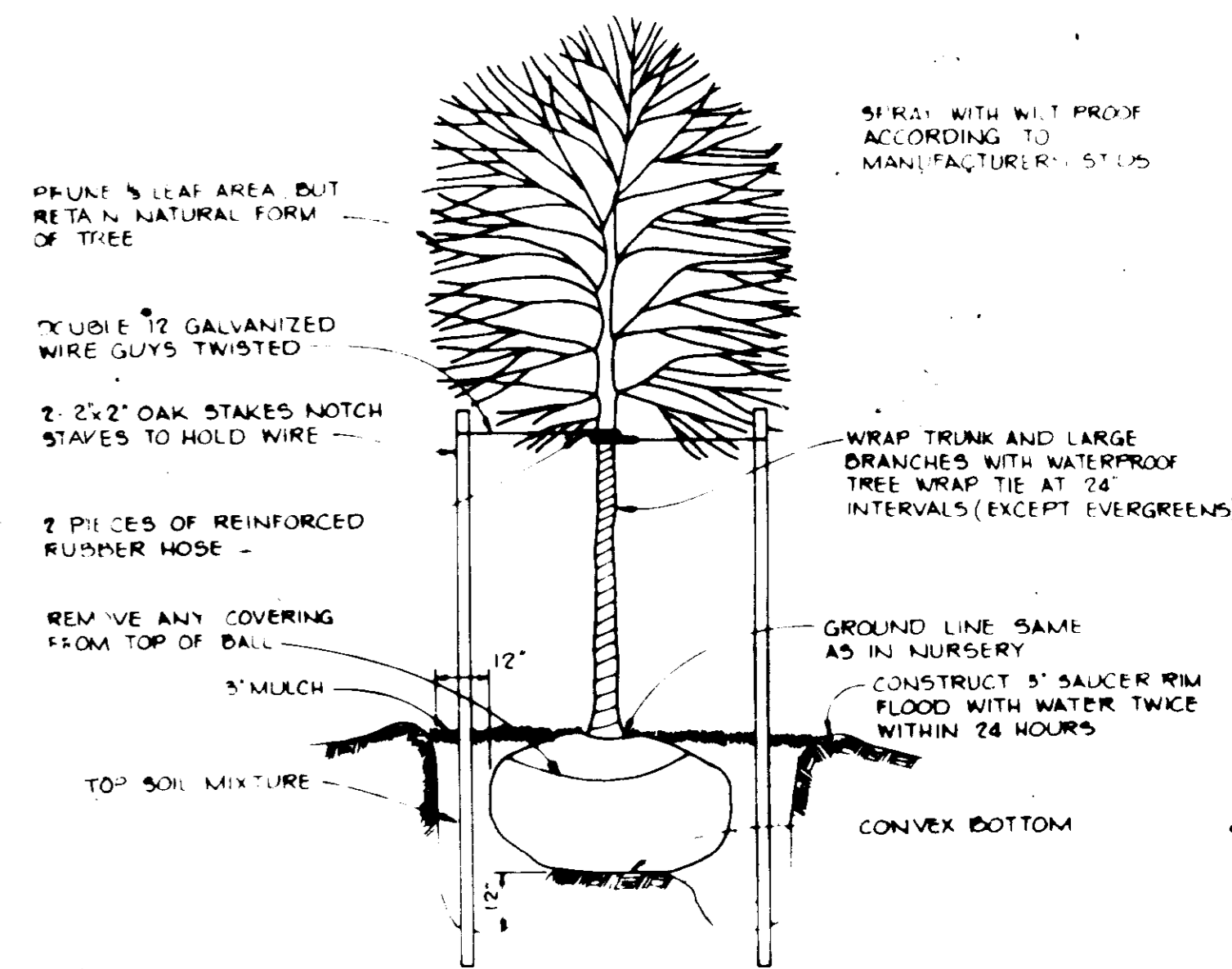
- NOTES:
1. ALL HARDWARE TO BE HOT DIPPED GALVANIZED.
2. ALL WOOD TO BE PRESSURE TREATED.



ELEVATION

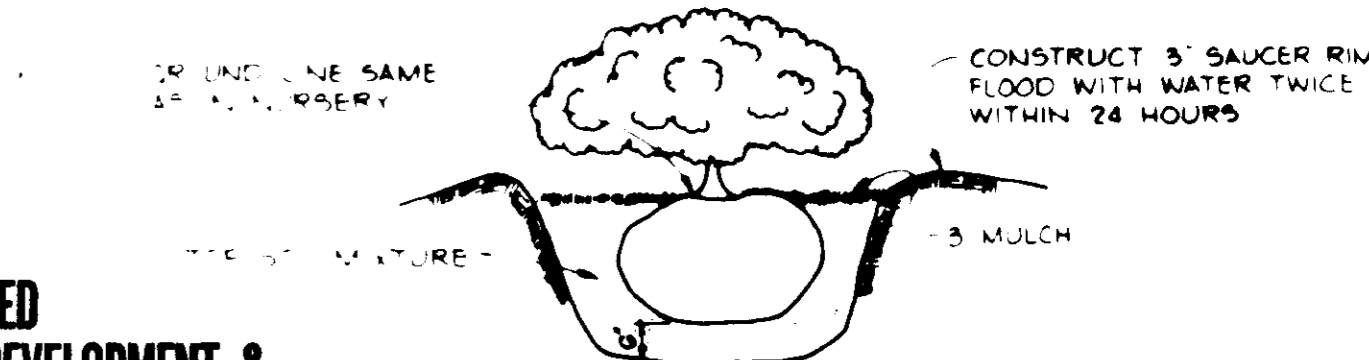
TIMBER FOOTBRIDGE DETAILS

NO SCALE



TREE PLANTING DETAIL

NO SCALE



SHRUB PLANTING DETAIL

NO SCALE

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-1-83

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

James K. Tracy 11/14/83
COUNTY HEALTH OFFICER DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Henry F. Nemoy 11-9-83
DIRECTOR DATE

William J. Reay 11-9-83
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

Donald J. Amis 11-16-83
PLANNING DIRECTOR DATE
John K. Muschman 11-16-83
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

NO DATE REVISION

TRACY, SCHULTE & ASSOCIATES INC.
planning • architecture • engineering

8450 Baltimore National Pike • Suite 34 • Ellicott City, Maryland 21043 • (301) 485-8105



OWNER SECURITY DEVELOPMENT CORP 8450 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MD 21043	PROJECT THOMPSON'S PURCHASE SECTION 3-AREA 1, LOTS 1 THRU 37 LOCATION TAX MAP 37 PARCEL 154 18 TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DEVELOPER SECURITY DEVELOPMENT CORP 8450 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MD 21043	TITLE DETAILS
DES JKT DRN RJW	DATE JUNE 1983 PROJECT NO 0382 SDP SCALE AS SHOWN DRAWING 3 OF 5

BY THE ENGINEER:
"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."

James K. Tracy 6-12-83
ENGINEER: JAMES K. TRACY DATE

REVIEWED FOR Howard NAME S.C.D.

AND MEETS TECHNICAL REQUIREMENTS
James M. Helm 11-8-83
S.C.D. SOIL CONSERVATION SERVICE DATE

"THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT"
James R. Maffey Jr. Pres. 11-8-83
HOWARD S.C.D. DATE

BY THE DEVELOPER:
"I 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."
James R. Maffey Jr. Pres. 10-25-83
DEVELOPER: DATE

BOARD OF EDUCATION OF
HOWARD COUNTY, MARYLAND
1031/293

THOMPSON'S PURCHASE
SECTION TWO
P-4975

PLANT LIST

SYM.	PLANT	NAME	REMARKS
SHADE TREES			
RM	13	ACER RUBRUM	1 1/2'-2' CAL.
PO	18	RED MAPLE	10'-12' H, E & E
		QUERCUS PALUSTRIS	FULL HEAD
		PIN OAK	
JZ	-	ZELKOVA SERRATA	
		JAPANESE ZELKOVA	
		FLOWERING TREES	
EP	5	PYRUS CALIFORNIANA BRADFORD	2 1/2' H
		BRADFORD COUNTRY PEAR	E & E FULL HEAD
		EVERGREEN TREES	
JWP	-	FINUS PARVIFLORA	5'6" H
		JAPANESE WHITE FINE	E & E, FULL HEAD
JBP	-	FINUS THUNBERGII	
		JAPANESE BLACK FINE	
		EVERGREEN STRUCES	
MP	-	FINUS MUGO	30"-46" CONT.
		MUGO PINE	
FTJ	-	JUNIPERUS COMMUNIS EFFUSA	24"-30" CONT.
		FLAT TOP JUNIPER	
SEASONAL PLANTING			
42 PLANT		PELARGONIUM DOMESTICUM (RED)	(RED)
8" O.C.		GERANIUM	SPRING, SUMMER
200 PLANT		PETUNIA HYBRIDA (WHITE)	(WHITE)
8" O.C.		PETUNIA	SUMMER

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 9-1-83
[Signature]

NOTES 1. PLACING OF PLANT MATERIAL SHOWN
HEREON IS THE RESPONSIBILITY OF THE DEVELOPER
2. THE LOCATION OF TREES SHOWN HEREON IS SUBJECT
TO FIELD MODIFICATION.

SLATER ASSOCIATES
SUITE 2005 WILDE LAKE VILLAGE GREEN
COLUMBIA, MARYLAND 21044 412-261-0101

PLANTING PLAN

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signature]
DIRECTOR 11-9-83
DATE

[Signature]
CHIEF, BUREAU OF ENGINEERING 11-9-83
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

[Signature]
PLANNING DIRECTOR 11-16-83
DATE

[Signature]
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING
ADMINISTRATION 11-16-83
DATE

NO DATE REVISION

TRACY, SCHULTE & ASSOCIATES INC.
planning • architecture • engineering

8450 Baltimore National Pike • Suite 34 • Ellicott City, Maryland 21043 • (301) 465-6105



[Signature]

OWNER SECURITY DEVELOPMENT CORP
8450 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MD. 21043

PROJECT THOMPSONS PURCHASE
SECTION 3-AREA 1, LOTS 1 THRU 37
LOCATION TAX MAP 57
PARCEL 15A
1ST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

DEVELOPER SECURITY DEVELOPMENT CORP
8450 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MD 21043

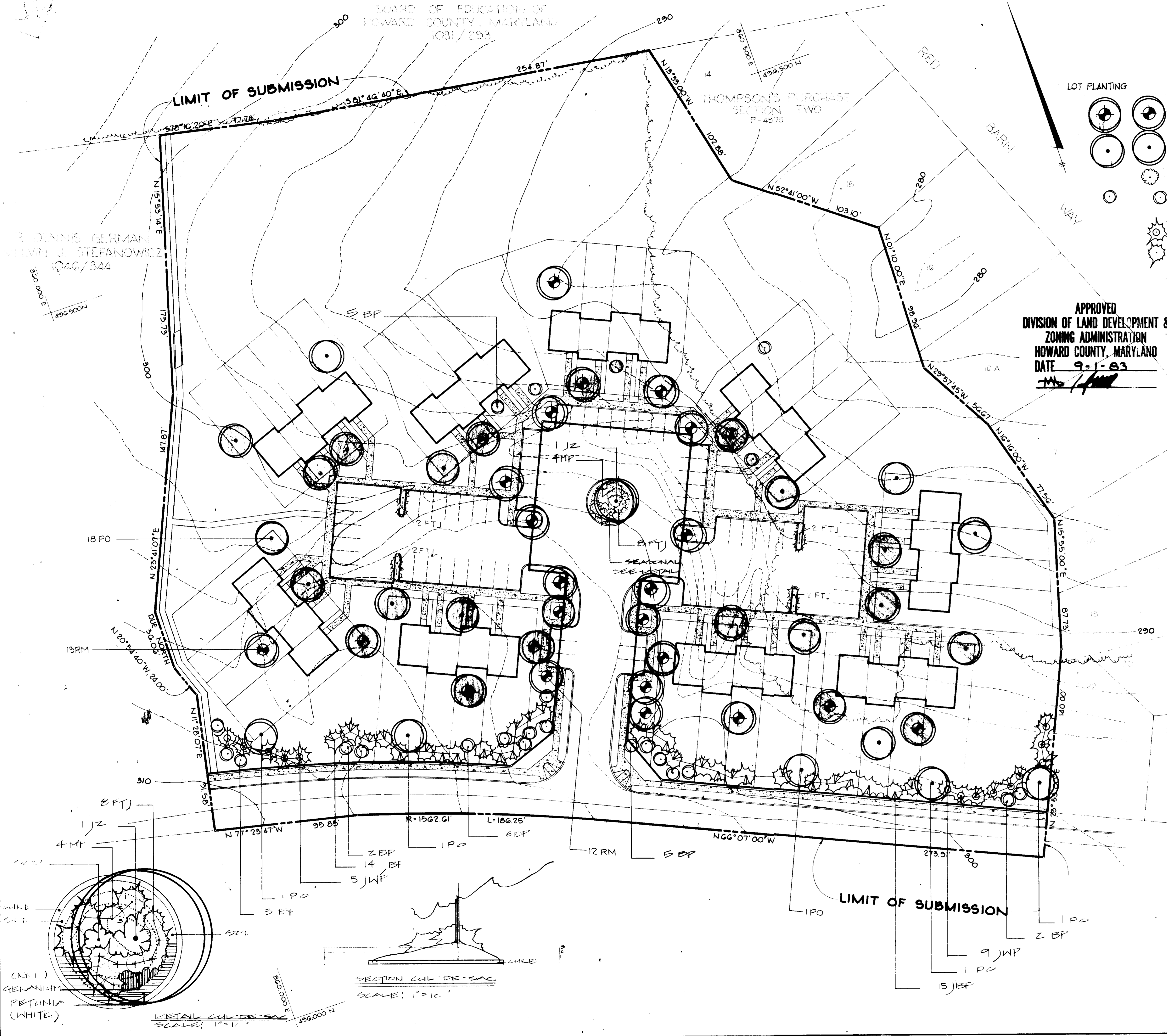
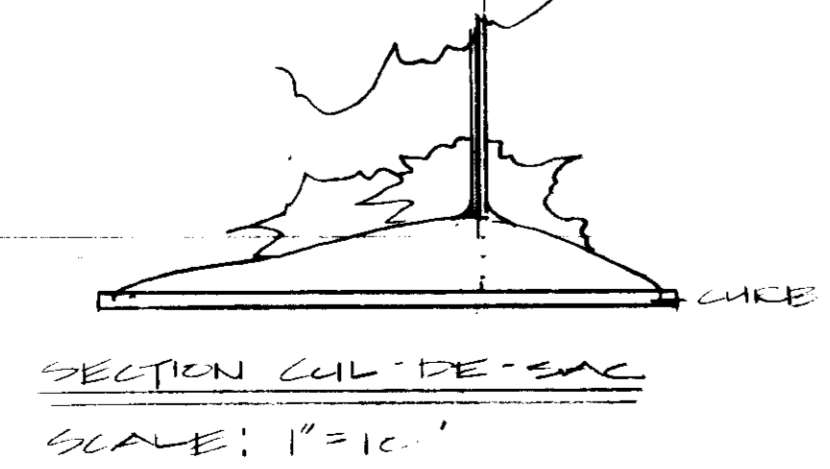
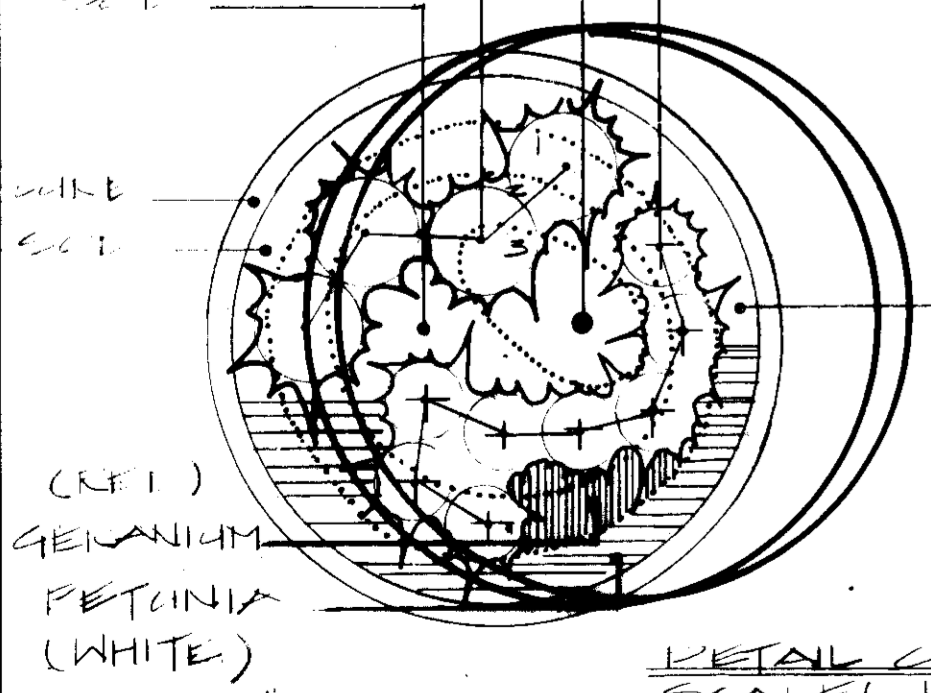
TITLE PLANTING PLAN

DATE JUNE, 1983 PROJECT NO 0562 SDP

DES. J.K.T. DRN. R.J.W. SCALE 1"=30' DRAWING 4 OF 5

SDP # 83-215

DR DENNIS GERMAN
MELVIN J. STEFANOWICZ
1046/344



GENERAL NOTES

- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (922-2070).
- ALL SEDIMENT CONTROL STRUCTURES WILL BE INSTALLED IN ACCORDANCE WITH "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" AS PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.
- SITE GRADING WILL BEGIN ONLY AFTER ALL PERIMETER SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND ARE IN A FUNCTIONING CONDITION.
- ALL DISTURBED AREAS ARE TO BE DRESSED AND STABILIZED ACCORDING TO THE TEMPORARY OR PERMANENT SEEDING SCHEDULES AS SOON AS PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF A PERMANENT VEGETATIVE COVER.
- SEDIMENT WILL BE REMOVED FROM TRAPS WHEN THE DEPTH REACHES THE CLEAN OUT ELEVATION SHOWN IN THE PLANS.
- FERTILIZER AND LIME RATES MAY BE CHANGED THROUGH AUTHORIZATION BY THE HOWARD SOIL CONSERVATION DISTRICT IF SOIL TESTS DETERMINE A REDUCTION IN THE SPECIFIED RATES IS JUSTIFIED.
- ALL SEDIMENT CONTROL STRUCTURES ARE TO REMAIN IN PLACE AND ARE TO BE MAINTAINED IN OPERATIVE CONDITION UNTIL PERMISSION FOR THEIR REMOVAL HAS BEEN OBTAINED FROM THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR.
- REFERENCES CALLED FOR ON THE SEDIMENT CONTROL CONSTRUCTION PLAN AND DETAILS ARE MADE TO "THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS".
- SEDIMENT CONTROL WILL BE INSTALLED BEFORE CLEARING AND GRUBBING REMAINDER OF SITE.

TEMPORARY SEEDING

AREA TO BE SEEDED SHALL BE RECENTLY LOOSENEED. IF THE GROUND IS PACKED, CRUSTED OR HARD, THE TOP LAYER OF SOIL SHALL BE LOOSENEED BY DISCING, RACKING OR OTHER ACCEPTABLE MEANS.

- APPLY 13-20-10 FERTILIZER (OR EQUIVALENT) AT THE RATE OF 600 LBS. PER ACRE OR 15 LBS. PER 1000 SQ. FT.
- WHERE SOIL IS KNOWN TO BE HIGHLY ACID, APPLY DOLOMITIC LIMESTONE AT THE RATE OF 1 TON PER ACRE.
- WORK BOTH SOIL AND SEED WITH CYCLONE SEEDER, DRILL, CULTIPAKER SEEDER OR HYDROSEEDER (SLURRY WILL INCLUDE SEED AND FERTILIZER) AT THE RATE OF 40 LBS. PER ACRE OF ITALIAN OR PERENNIAL RYEGRASS.
- MULCH WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS, PER ACRE AND ANCHOR WITH CUTBACK ASPHALT OR EMULSIFIED ASPHALT AT THE RATE OF 5 GAL. PER 1000 SQ. FT.

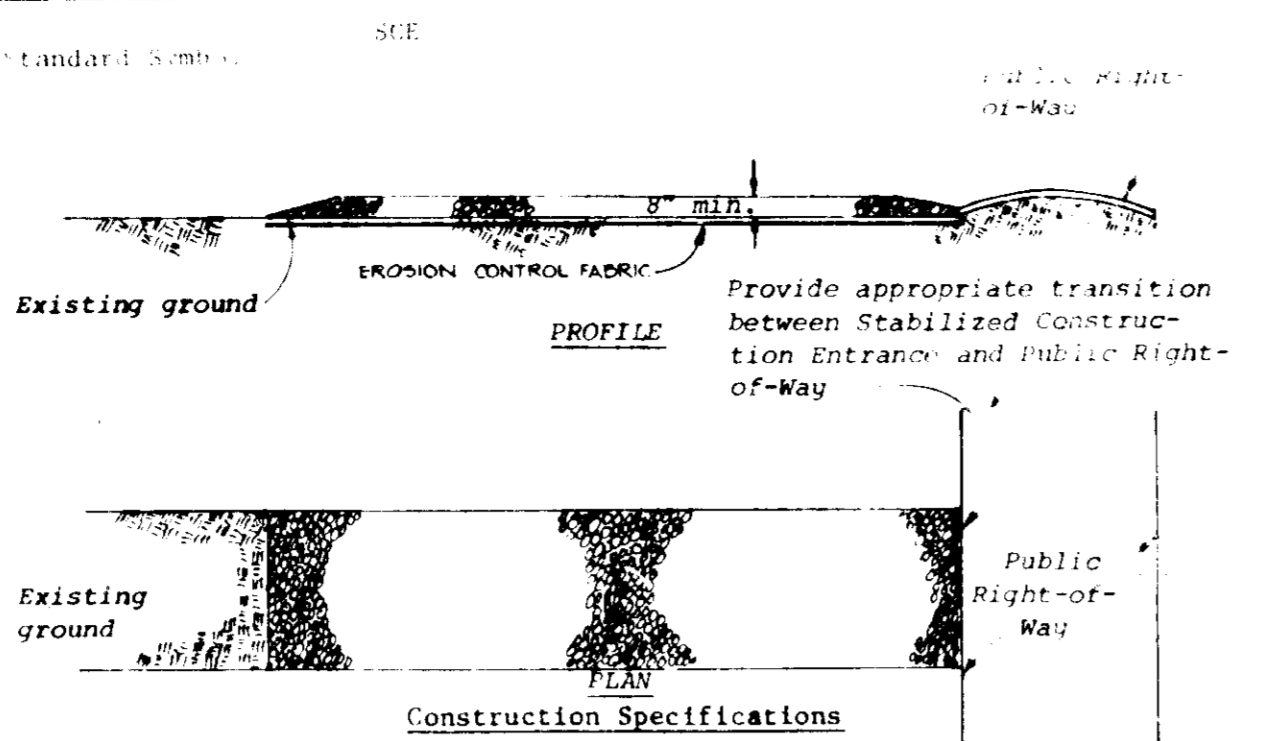
PERMANENT SEEDING

FINAL STABILIZATION WILL TAKE PLACE AS SOON AS POSSIBLE AS WEATHER CONDITIONS PERMIT, AS FOLLOWS:

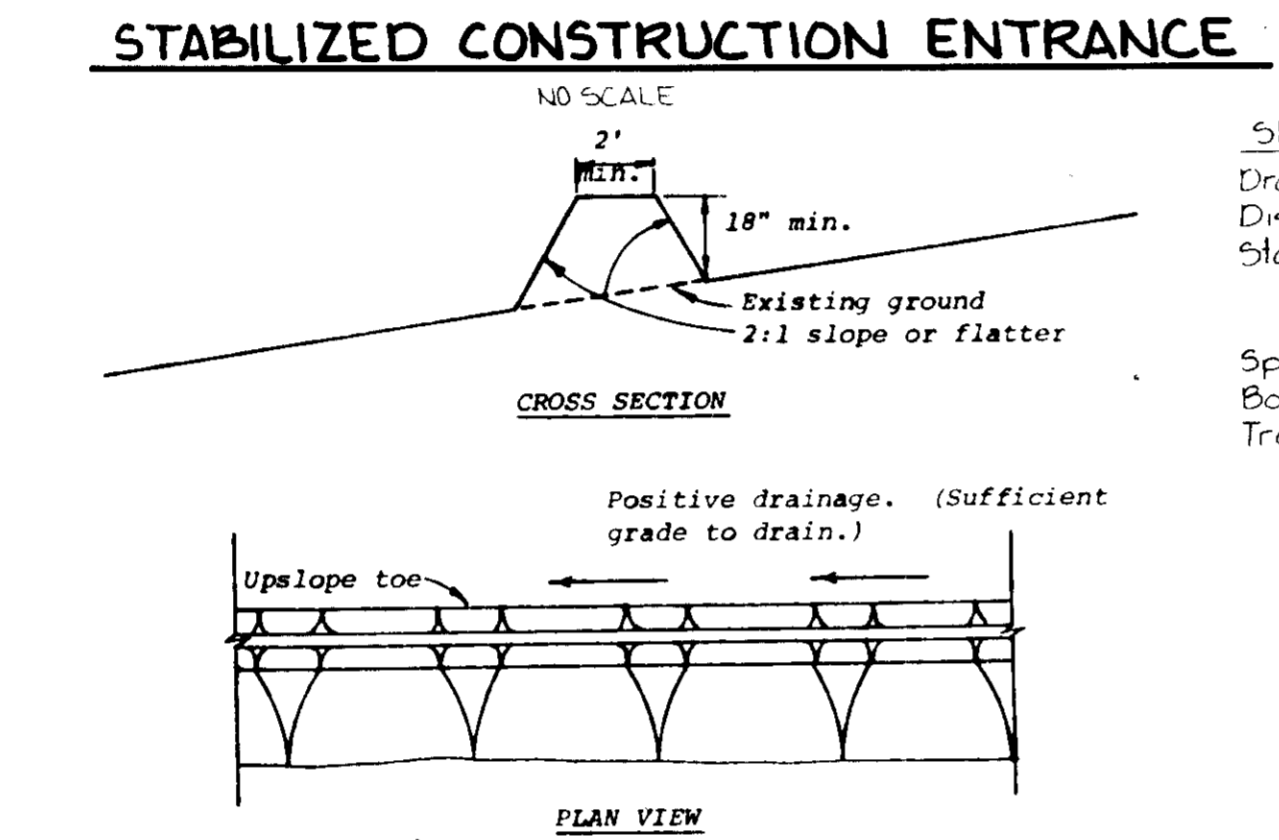
- APPLY DOLOMITIC LIMESTONE AT THE RATE OF 2 TONS PER ACRE (ONE TONE PER ACRE IF APPLICATION OF TON PER ACRE WAS MADE FOR TEMPORARY SEEDING).
- APPLY 0-20-20 FERTILIZER AT THE RATE OF 600 LBS. PER ACRE HARROW OR DISC LIME AND 0-20-20 FERTILIZER INTO THE SOIL TO A MINIMUM DEPTH OF 3" LAWNS OR HIGH MAINTENANCE AREAS WILL BE DRAGGED AND LEVELED WITH A YORK RAKE. AT THE TIME OF SEEDING APPLY 400 POUNDS OF 38-0-0 UREAFORM FERTILIZER AND 500 LBS. OF 10-20-20 OR EQUIVALENT FERTILIZER PER ACRE.
- SEED WITH A MIXTURE OF CERTIFIED "MERION" KENTUCKY BLUEGRASS - 40 LBS. PER ACRE; COMMON KENTUCKY BLUEGRASS @ 40 LBS. PER ACRE; RED FESCUE, PENNLAWN OR JAMESTOWN @ 20 LBS. PER ACRE.
- MULCH WITH UNWEATHERED SMALL GRAIN STRAW AT THE RATE OF 1 1/2 TO 2 TONS PER ACRE AND ANCHOR WITH A CUTBACK ASPHALT OR EMULSIFIED ASPHALT AT THE RATE OF 5 GAL. PER 1000 SQ. FT.
- SEED ALL SLOPES WITH A MIXTURE OF CERTIFIED KENTUCKY 31 TALL FESCUE @ 50 LBS. PER ACRE AND INOCULATED KOREAN LESPEDEZA @ 15 LBS. PER ACRE.

SEQUENCE OF CONSTRUCTION

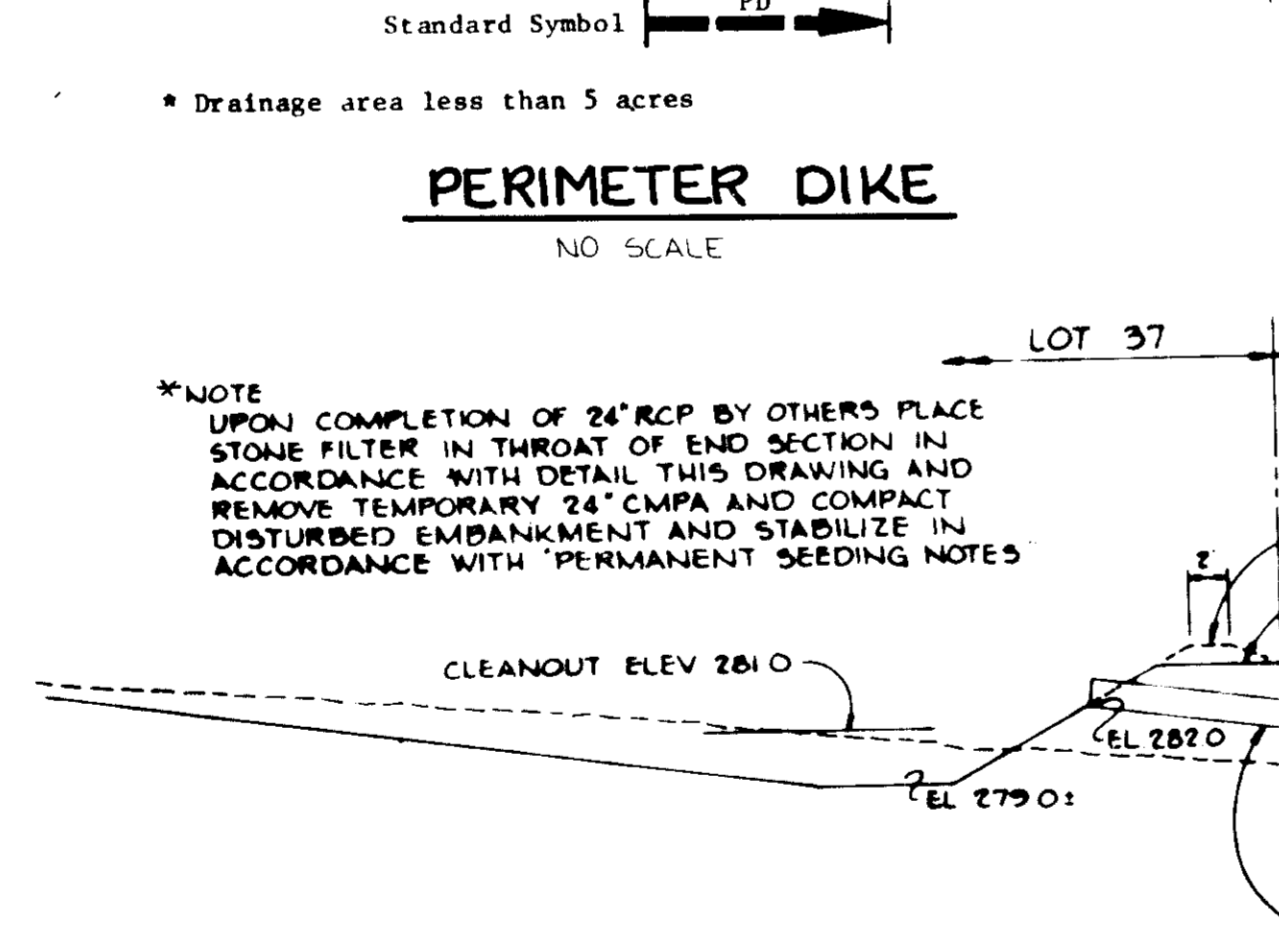
- OBTAIN A GRADING PERMIT
- INSTALL STABILIZED CONSTRUCTION ENTRANCE (SCE)
- CLEAR AND GRUB AREAS FOR SEDIMENT CONTROL DEVICE INSTALLATION
- INSTALL SEDIMENT TRAP WITH TEMPORARY PIPE SPILLWAY AND STABILIZE EMBANKMENT IN ACCORDANCE WITH TEMPORARY SEEDING NOTES*
- INSTALL PERIMETER DIKES AND STABILIZE IN ACCORDANCE WITH TEMPORARY SEEDING NOTES
- GRADE SITE
- INSTALL UTILITIES (WATER, SEWER & STORM DR. F83-10) BLOCK ALL STORM DRAIN INLETS IN ACCORDANCE WITH "INLET BLOCKING DETAIL"
- STABILIZE ALL SLOPES BEYOND BUILDING PADS IN ACCORDANCE WITH "PERMANENT SEEDING NOTES"
- UPON COMPLETION OF ALL ROADWAY BASE COURSE PAVING, INSTALL STABILIZED CONSTRUCTION ENTRANCES AS SHOWN FOR INGRESS/EGRESS TO RESIDENTIAL BUILDING SITES
- COMPLETE ALL CONSTRUCTION AND STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH "PERMANENT SEEDING NOTES"
- UPON APPROVAL OF THE SOIL CONSERVATION DISTRICT, REMOVE ALL SEDIMENT CONTROL DEVICES AND STABILIZE DISTURBED AREAS IN ACCORDANCE WITH "PERMANENT SEEDING NOTES"



- Stone size - Use MSHA size No. 2 (2-1/2" to 1") or AASHTO designation M43, size No. 2 (2-1/2" to 1-1/2"). Use crushed stone.
- Length - As effective, but not less than 5) feet.
- Thickness - Not less than eight (8) inches.
- Width - Not less than full width of all points of ingress or egress.
- Washing - When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with crushed stone which drains into an approved sediment trap or sediment basin. All sediment shall be prevented from entering any storm drain, ditch, or watercourse through use of sand bags, gravel, boards or other approved methods.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.



- All dikes shall be machine compacted.
- All perimeter dikes shall have positive drainage to an outlet.
- A. Diverted runoff from a protected or stabilized upland area shall outlet directly onto an undisturbed stabilized area or into a level spreader or grade stabilization structure.
- B. Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as sediment trap or a sediment basin or to an area protected by any of these practices.
- Stabilization, when required, shall be done in accordance with Standard and Specifications for Grassed Waterway. The minimum area to be stabilized shall be the channel flow area.
- Periodic inspection and required maintenance shall be provided.



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

COUNTY HEALTH OFFICER

DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC UTILITIES

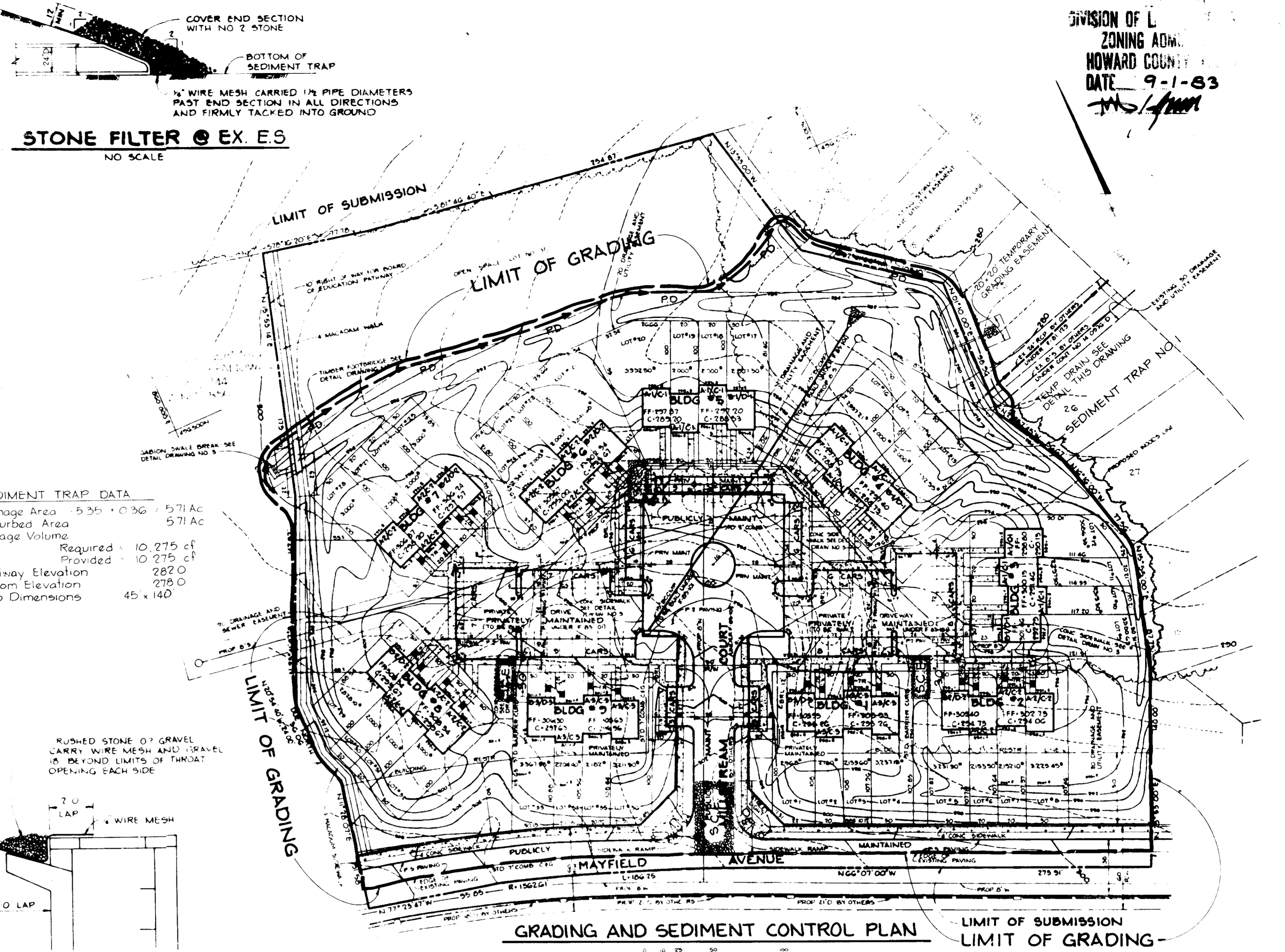
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR

DATE

CHIEF, BUREAU OF ENGINEERING

DATE



SEDIMENT TRAP DATA

Drainage Area	5.55 ± 0.36 = 5.71 Ac
Disturbed Area	5.71 Ac
Storage Volume	Required = 10,275 cf
	Provided = 10,275 cf
Spillway Elevation	2820
Bottom Elevation	2780
Trap Dimensions	45 x 140

DIVISION OF L. ZONING ADMIN. HOWARD COUNTY DATE 9-1-83

APPROVED FOR: Howard NAME

AND MEETS TECHNICAL REQUIREMENTS

James M. Nels DATE 11-8-85

HOWARD COUNTY OFFICE OF PERMITS AND INSPECTION SERVICE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY OFFICE OF PERMITS AND INSPECTION SERVICE

Wm. J. Rowe DATE 11-8-85

HOWARD COUNTY OFFICE OF PERMITS AND INSPECTION SERVICE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

Thomas J. Harris DATE 11-16-83

PLANNING DIRECTOR

John M. MacMahon DATE 11-16-83

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

BY THE ENGINEER:

I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A FEASIBLE AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE, SOILS, SLOPES AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT

James K. Tracy DATE 8.12.83

ENGINEER JAMES K. TRACY

BY THE DEVELOPER:

I HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS AS PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL BE AVAILABLE FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

James R. Madley, Jr. DATE 10-25-83

DEVELOPER

NO. DATE REVISION

TRACY, SCHULTE & ASSOCIATES INC.
planning • architecture • engineering

8450 Baltimore National Pike • Suite 14 • Ellicott City, Maryland 21043 • (410) 421-8800

OWNER
SECURITY DEVELOPMENT CORP
8450 BALTIMORE NATIONAL PIKE
ELLICOTT CITY MD 21043

PROJECT
THOMPSONS PURCHASE
SECTION 3 AREA 1, LOTS 1 THRU 37
LOCATION
TAX MAP 31
PARCEL 31
1ST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

DEVELOPER
SECURITY DEVELOPMENT CORP
8450 BALTIMORE NATIONAL PIKE
ELLICOTT CITY MD 21043

TITLE
GRADING AND SEDIMENT CONTROL PLAN,
NOTES AND DETAILS

DATE JUNE 1983 PROJECT NO. SDP#83-215

DESIGNER DRN RJW SCALE AS SHOWN DRAWING NO. 1 OF 3