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

GENERAL NOTES

- 1. ALL WATER LINES SHALL BE CONSTRUCTED A MINIMUM OF 42" COVER BELOW FINISHED GRADE.
- CORRUGATED STEEL PIPE SECTIONS WILL BE JOINED WITH A SINGLE OR TWO PIECE CORRUGATED BAND WITH A WATERTIGHT NEOPRENE GASKET. DIMPLETED BAND CONNECTORS WILL NOT BE PERMITTED.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE HOMARD 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.
- 6. CONTRACTOR TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK SHOWN ON THIS/THESE DRAWINGS:

C & P TELEPHONE COMPANY
HOWARD COUNTY BUREAU OF UTILITIES
AT&T CABLE LOCATION DIVISION
BALTIMORE GAS AND ELECTRIC COMPANY
STATE HIGHWAY ADMINISTRATION
HOWARD COUNTY CONSTRUCTION/INSPECTION SURVEY DIVISION

ALL PIPE ELEVATIONS SHOWN ARE INVERT

725-9976
992-2366
393-3553
685-0123
531-5533
992-2417/24

8. Topo taken from field run survey by Purdum & Jeschke dated June, 1983.

SITE, DATA

EXISTING ZONING		RSC	
TOTAL AREA OF SITE	5.048 Ac.		
NO. OF RESIDENTIAL LOTS		24	
AREA OF OPEN SPACE - LOT 25		3.155 Ac.	
PARKING:			
REQUIRED - 2 SPACES/D.U.		. 46	
PROVIDED	. 💊	48	
DISTURBED AREA		1.97 Ac.	
AREA TO RESEEDED		1.05 Ac.	

	DDRESS	CHART
LOT NO.S	STREET	ADDRESS
	7850	MARIOAK DRIVE
2	7852	MARIOAK DRIVE
3	7854	MARIOAK DRIVE
4	7856	MARIOAK DRIVE
5	7858	MARIOAK DRIVE
6	7860	MARIOAK DRIVE
7	7862	MARIOAK DRIVE
8	7864	MARIOAK DRIVE
9	7866	MARIOAK DRIVE
10	1868	MARIOAK DRIVE
11	7870	MARIOAK DRIVE
12	7872	MARIOAK DRIVE
13	1860	MARIOAK DRIVE
14	7882	MARIOAK DRIVE
15	7884	MARIOAK DRIVE
16	7086	MARIOAK DRIVE
17	7865	MARIOAK DRIVE
18	7063	MARIOAK DRIVE
19	7861	MARIOAK DRIVE
20	7859	MARIONK DRIVE
21	7857	MARIOAK DRIVE
22	7855	MARIDAK DRIVE
23	1953	MARIOAK DRIVE
24	7951	MARIOAK DRIVE
25	· · · · · · · · · · · · · · · · · · ·	

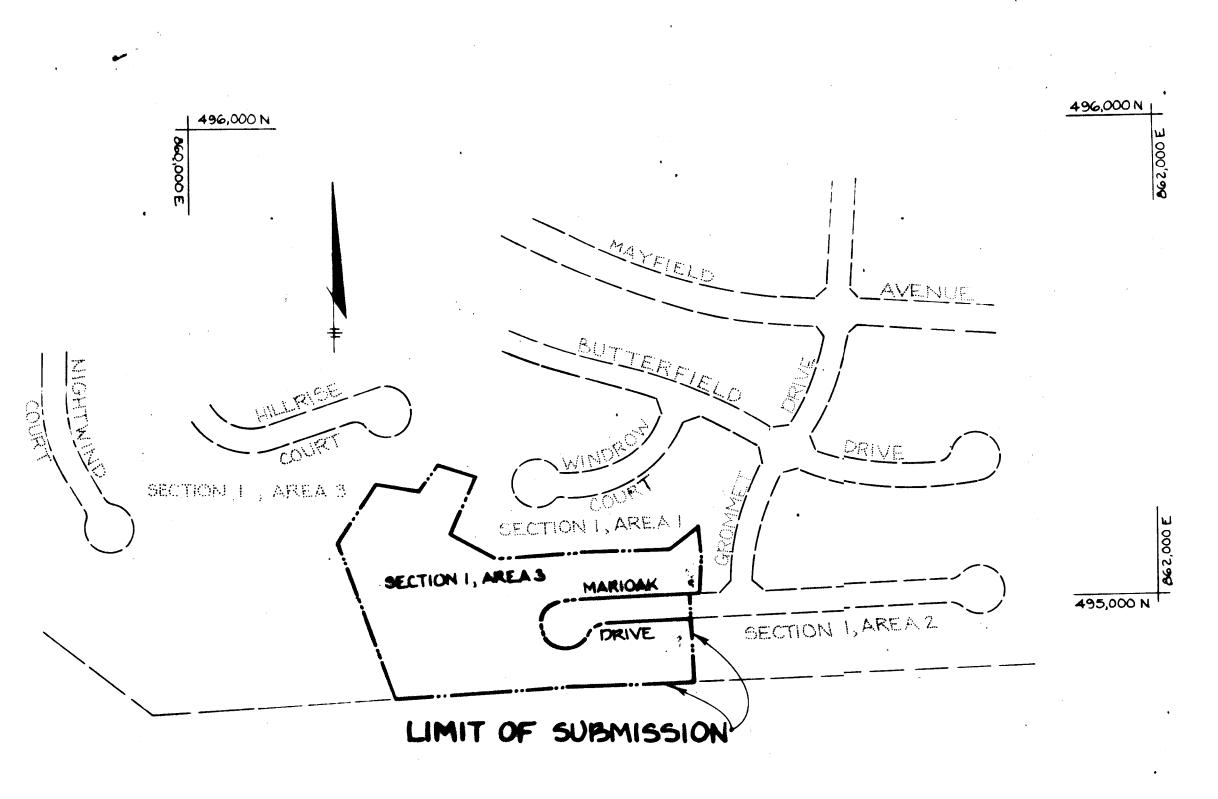
SITE DEVELOPMENT PLAN

MAYFIELD MANOR

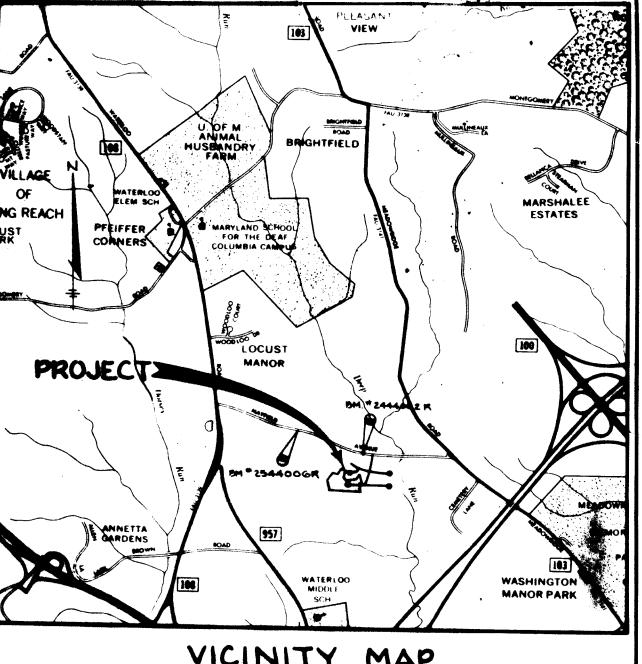
SECTION 1, AREA 3

1ST ELECTION DISTRICT

HOWARD COUNTY, MARYLAND



PLAN SCALE: 1' = 200'



VICINITY MAP

H.C. BM. # 2444 002R ELEV. 283.474
R.B. 0.3 BELOW SURFACE

H.C. BM. \$254400GR ELEV 303.923 R.B. 0.2' BELOW SURFACE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT 14/16/83 APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS 12.14.83 APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING. 12-21-85 DIVISION OF LAND DEVELOPMENT AND ZONING NO DATE REVISION TRACY, SCHULTE & ASSOCIATES INC. planning • architecture • engineering 8450 Baltimore National Pike • Suite 34 • Ellicott City, Maryland 21043 • (301) 465-6105 SECURITY DEVELOPMENT CORP. SECTION ONE-AREA THREE LOT 1 TO 25 8450 BALTIMORE NATIONAL PIKE TAX MAP 37
PARCEL IGZ
FIRST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND ELLICOTT CITY, MD. 21043 DEVELOPER

TITLE SHEET

PROJECT NO 0882 SOP

Barries _ | OF _ 5

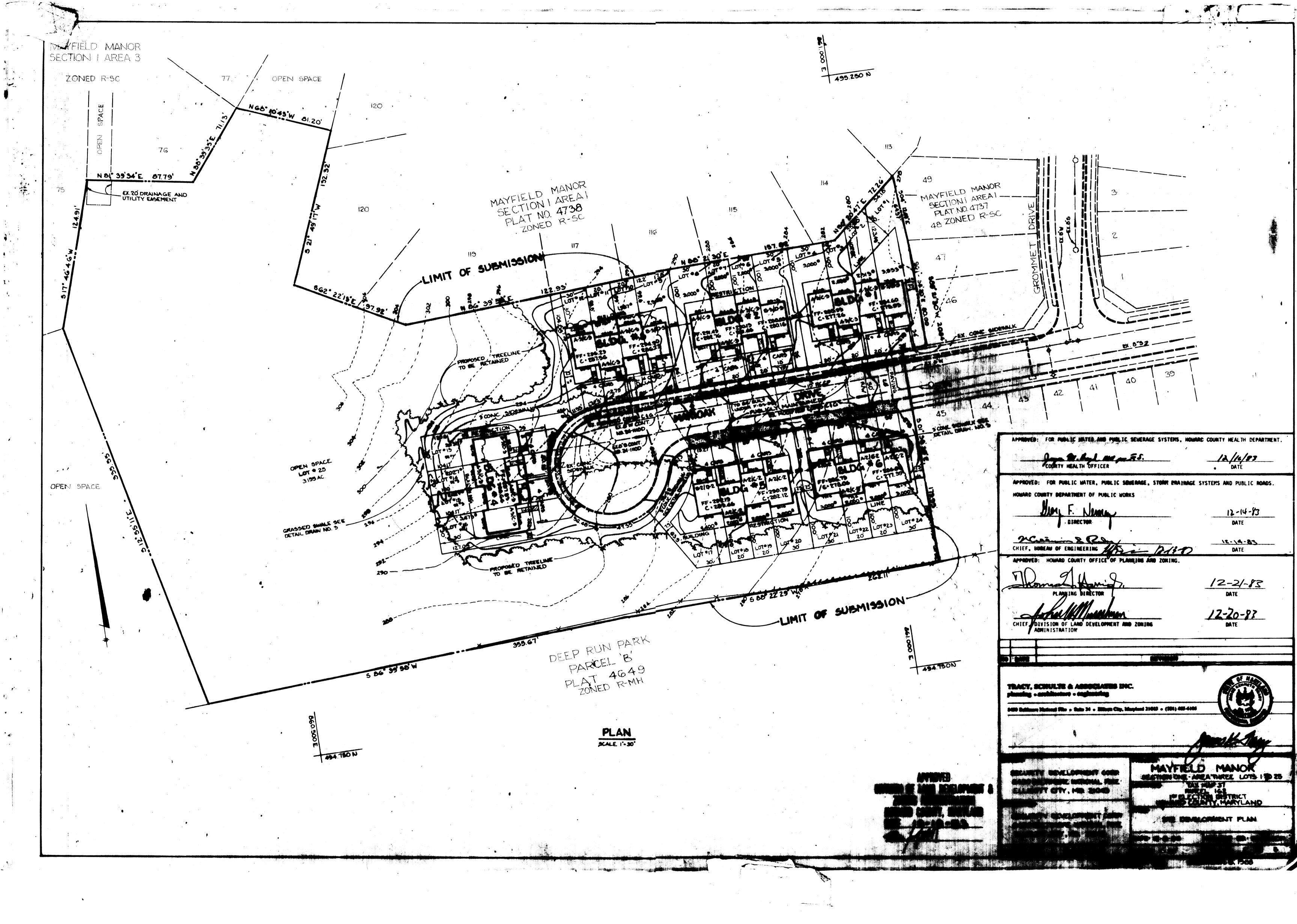
DECEMBER 8, 1985

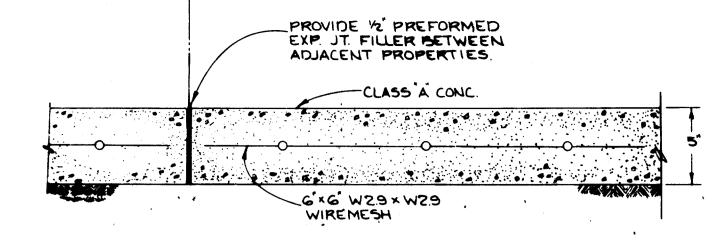
DATE 8-8-85

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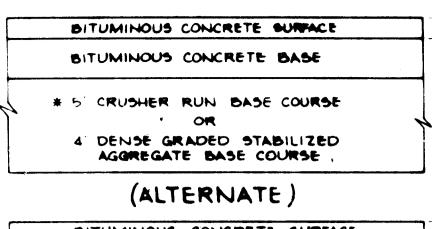
APPROVED

DIVISION OF LAND DEVELOPMENT (





ALTERNATE CONC. PAVING



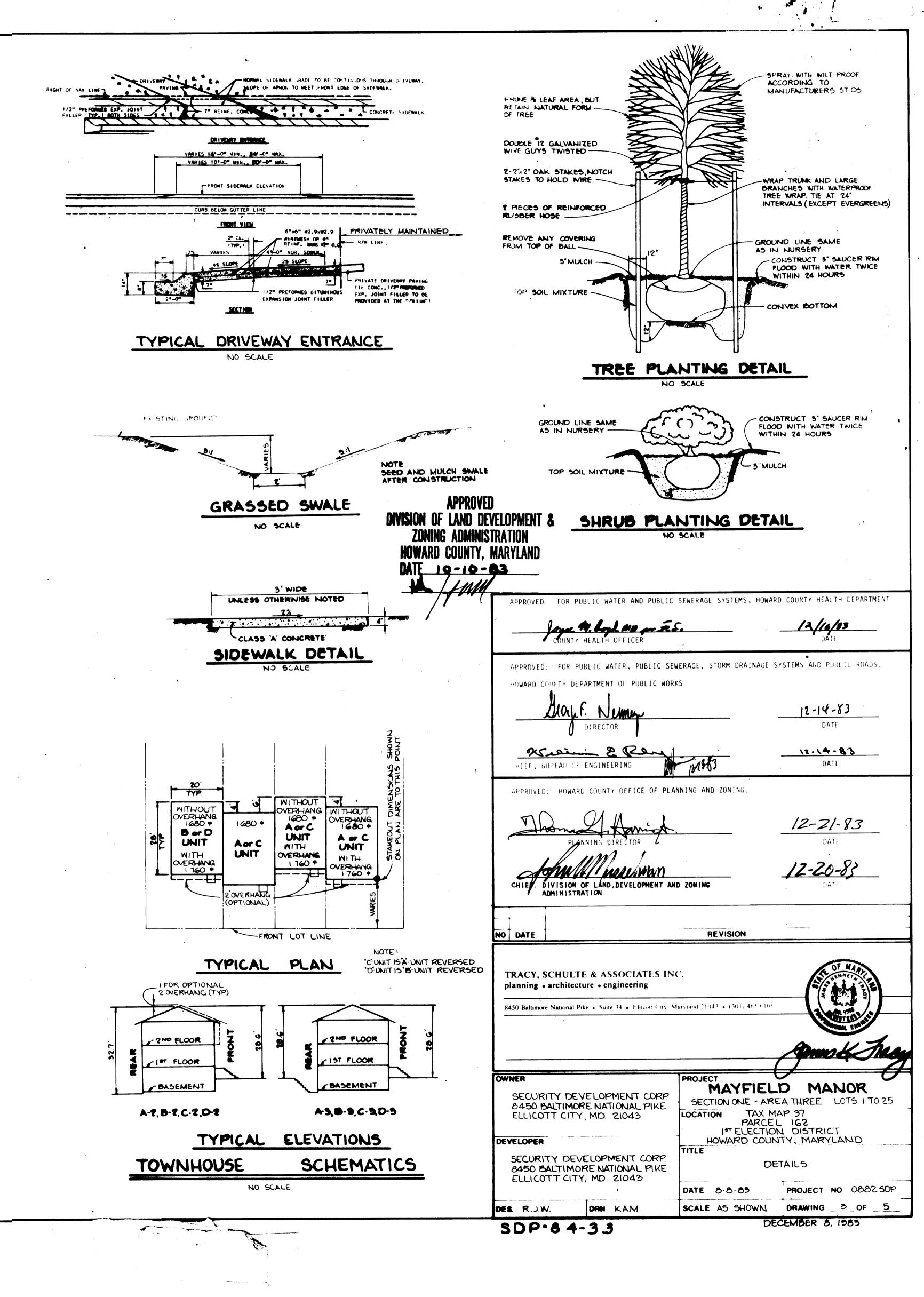
BITUMINOUS CONCRETE SURFACE BITUMINOUS CONCRETE BASE

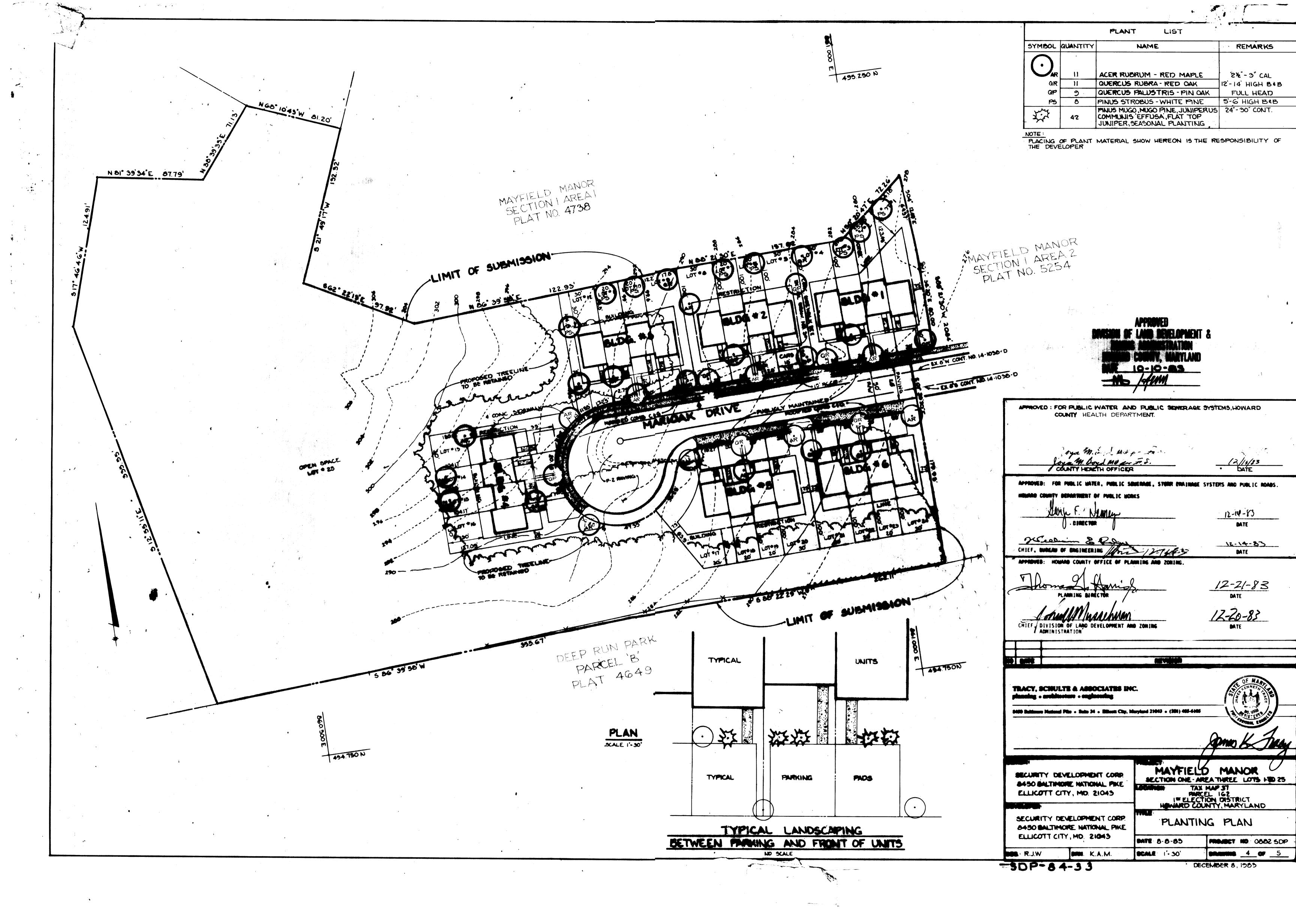
HOWARD COUNTY DESIGN MANUAL VOLUME IV STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-201)

5"PAVING, P-1

PARKING PAD PAVING

NO SCALE

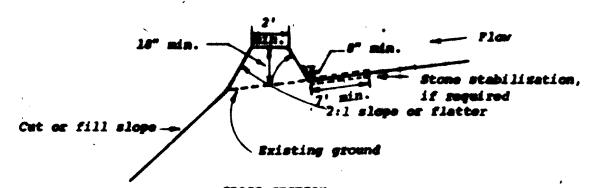


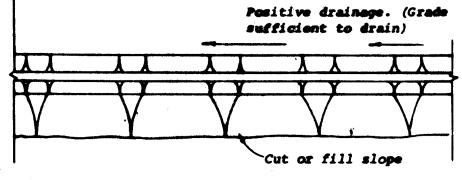


M43, size No. 2 $(2-1/2^n \text{ to } 1-1/2^n)$. Use crushed stone. Length - As effective, but not less than 30 feet. Thickness - Not less than eight (8) inches.

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 stabilised 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.

STABILIZED CONSTRUCTION ENTRANCE





Construction Specifications.

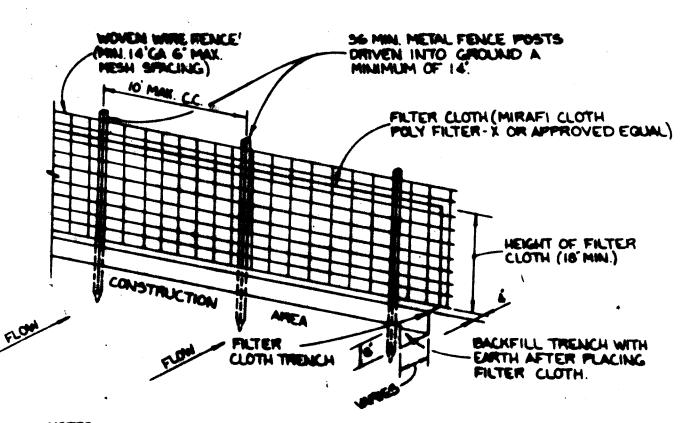
All dikes shall be machine compacted. All diversion dikes shall have positive drainage to an outlet. 3. A. Diverted runoff from a protected or stabilized area shall outlet directly to an undisturbed stabilized area or into a level spreader or grade stabilization structure.

B. Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as a sediment trap or a sediment besin or to an area protected by any of these practices.

Stabilization, as specified by the plans, shall be: (1) in accordance with Standard and Specifications for Grassed Waterway, and the area to be stabilized shall be the channel (flow area); or (2) the flow area shall be lined with stone that meets MSHA size No. 2 or AASHTO MA3 size No. 2 or 24 which is placed in a 3 inch thick layer and pressed into the soil. The area covered by the stone shall be as shown on the drawing above.

Periodic-inspection and required maintenance shall be provided.

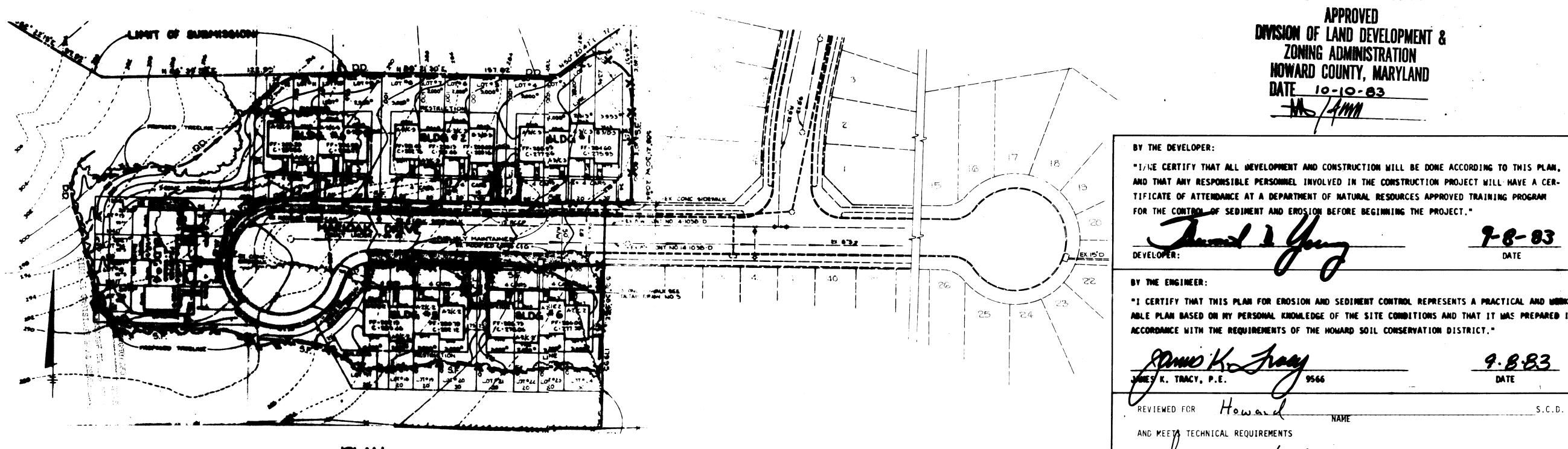
NO SCALE



I WOVEN WITH FENCE TO BE FISTENED SECURELY TO FENCE POSTS BY USE OF WITH THES.

S. FILTER CLOTH TO BE FISTENED SECURELY TO WOVEN WITHE FENCE BY USE OF WINE TIES SPACED EVERY 24" 24".

3. SILT FENCE TO BE PLACED IN LIEU OF STRAW BALES AND/OR DIVERSION DIMES AT THE OPTION OF THE DEVELOPER.



SEQUENCE OF CONSTRUCTION

- 2. OSTAIN A GRADING PERMIT
- 3. INSTALL STABILIZED CONSTRUCTION ENTRANCE
- 4. CLEAR AND GRUB AREAS FOR SEDEMENT CONTROL DEVICE INSTALLATION
- 5. INSTALL SEDIMENT CONTROL DEVICES
- 6. GRADE SITE
- 7. COMPLETE ALL CONSTRUCTION AND STABBLIZE ALL DISTURBED AREAS AS PER PERMANENT SEEDING
- 8. UPON APPROVAL OF THE SOIL CONSERVATION DISTRICT, REMOVE ALL SEDIMENT CONTROL DEVICES AND STABILIZE DISTURBED AREAS IN ACCORDANCE WITH PERMANENT SEEDING NOTES

SEDIMENT CONTROL CONSTRUCTION NOTES

- AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION (922-2070).
- AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS" AS
- 3. SITE GRADING WILL BEGIN ONLY AFTER ALL PERIMETER SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED AND ARE IN A FUNCTIONING CONDITION.
- 4. ALL DISTURBED AREAS ARE TO BE DRESSED AND STABILIZED ACCOMDING TO THE TEMPORARY OR PERMANENT SEEDING SCHEDULES AS SOON AS PROPER WEATHER COMBITIONS EXIST FOR THE ES-TABLISHMENT OF A PERMANENT VEGETATIVE COVER.
- SHOWN ON THE PLANS.
- 7. 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.
- 9. SEDIMENT CONTROL WILL BE INSTALLED BEFORE CLEARING AND GRUBBING REMAINDER OF SITE.

THE TOP LAYER OF SOIL SHALL BE LOOSENED BY DISCING, RACKING OR OTHER ACCEPTABLE MEANS.

- A. APPLY 10-20-10 FERTILIZER (OR EQUIVALENT) AT THE RATE OF 600 LBS. PER ACRE OR 15 LBS.
- B. WHERE SOIL IS KNOWN TO BE HIGHLY ACID, APPLY DOLOMOTIC LIMESTONE AT THE RATE OF 1 TON
- C. WORK BOTH SOIL AND SEED WITH CYCLONE SEEDER. DRILL CULTIPAKER SEEDER OR HYDROSEEDER OR PERENNIAL RYEGRASS.
- D. 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

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

- A. APPLY DOLOMITIC LIMESTONE AT THE RATE OF 2 TONS PER ACRE (ONE TONE PER ACRE IF
- B. 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 FER-TILIZER PER ACRE.
- COPPION KENTUCKY BLUEGRASS @ 40 LBS. PER ACRE; RED FESCUE, PENNLAWN OR JAMESTOWN @ 20 LBS. PER ACRE.

- D. 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.
- E. SEED ALL SLOPES WITH A MIXTURE OF CERTIFIED KENTUCKY 31 TALL FESCUE @ 50 LBS. PER ACRE AND INOCULATED KOREAN LESPEDEZA @ 15 LBS. PER ACRE.

GENERAL NOTES

- 1. A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION
- ALL SEDIMENT CONTROL STRUCTURES WILL BE INSTALLED IN ACCORDANCE WITH "THE STANDARDS PREPARED BY THE U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE.

- 5. SEDIMENT WILL BE REMOVED FROM TRAPS WHEN THE DEPTH REACHES THE CLEAN OUT ELEVATION
- 6. 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
- 8. 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 DEVEL-OPING AREAS".

TEMPORARY SEEDING

AREA TO BE SEEDED SHALL BE RECENTLY LOOSENED. IF THE GROUND IS PACKED. CRUSTED OR MARD.

- (SLURRY WILL INCLUDE SEED AND FERTILIZER) AT THE RATE OF 40 LBS. PER ACRE OF ITALIAN

PERMANENT SEEDING

AS FOLLOWS:

- APPLICATION OF TON PER ACRE WAS MADE FOR TEMPORARY SEEDING).
- C. SEED WITH A MIXTURE OF CERTIFIED "MERION" KENTUCKY BLUEGRASS 40 LBS. PER ACRE;

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

HOWARD S.C.D.

CONSERVATION CT

12-14-13 DATE 12-14-83

9.8.83

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

12-21-83

DIVISION OF LAND DEVELOPMENT AND ZONING

NO DATE REVISION

SITE DATA

APPROVED

DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION

ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM

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

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

DATE 10-10-83

5.048 Ac

1.97 Ac. 1.05 Ac.

TOTAL AREA OF SITE

AREA TO BE RESEEDED

DISTURBED AREA

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

ADMINISTRATION'

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

MAYFIELD MANOR

TAX MAP 37

PARCEL 162

1° ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

SECTION ONE-AREA THREE LOTS I TO 25

SEDIMENT CONTROL PLAN AND DETAILS

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

DEVELOPER

DES. R.J.W.

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

DRN. K.A.M.

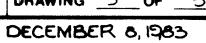
DATE 8.8.83 SCALE AS SHOWN

PROJECT

LOCATION

DRAWING 5 OF 5

SDP-84-33



PROJECT NO 08825DP