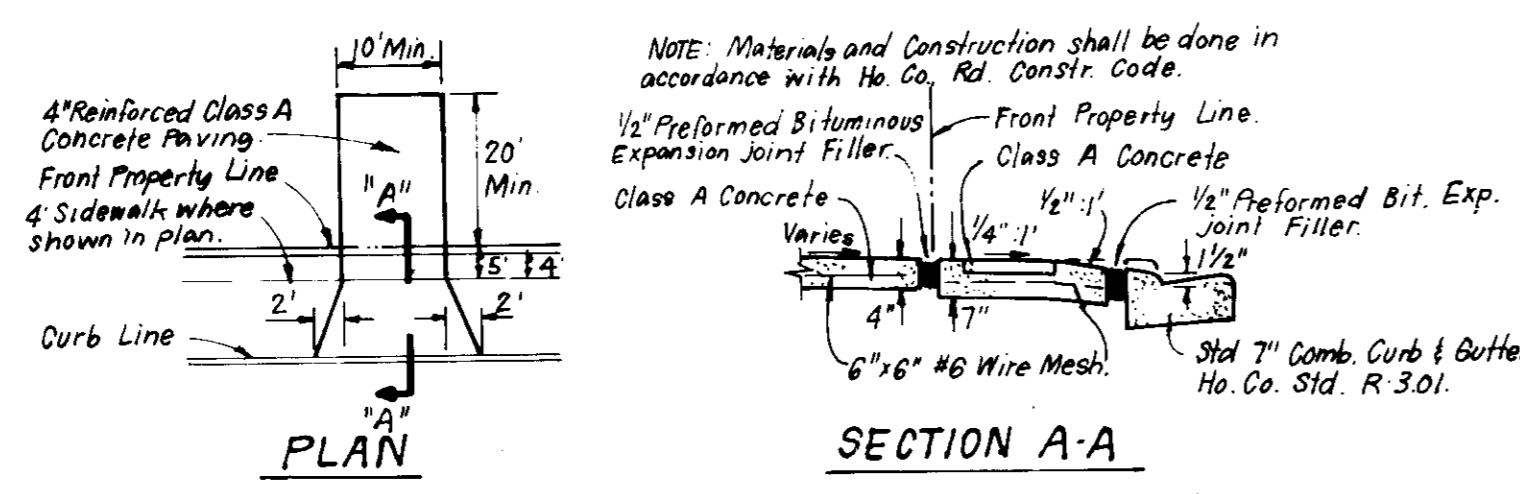
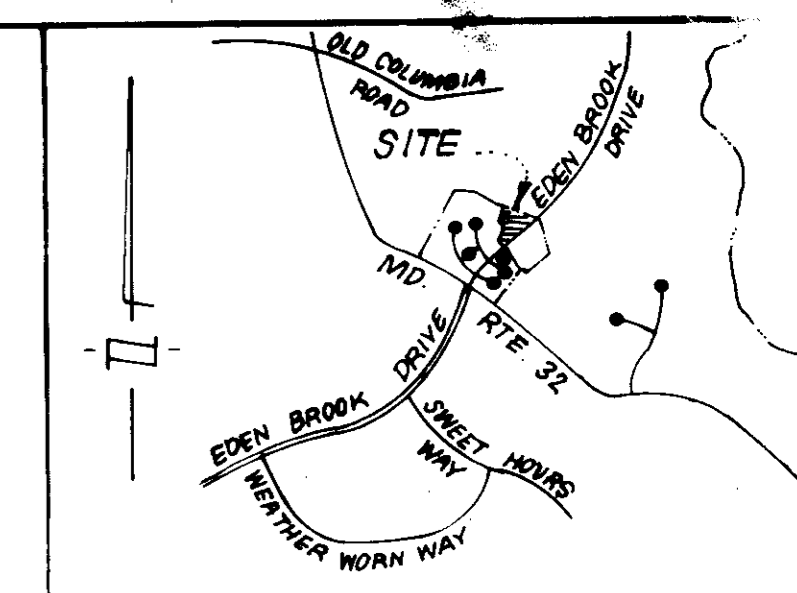
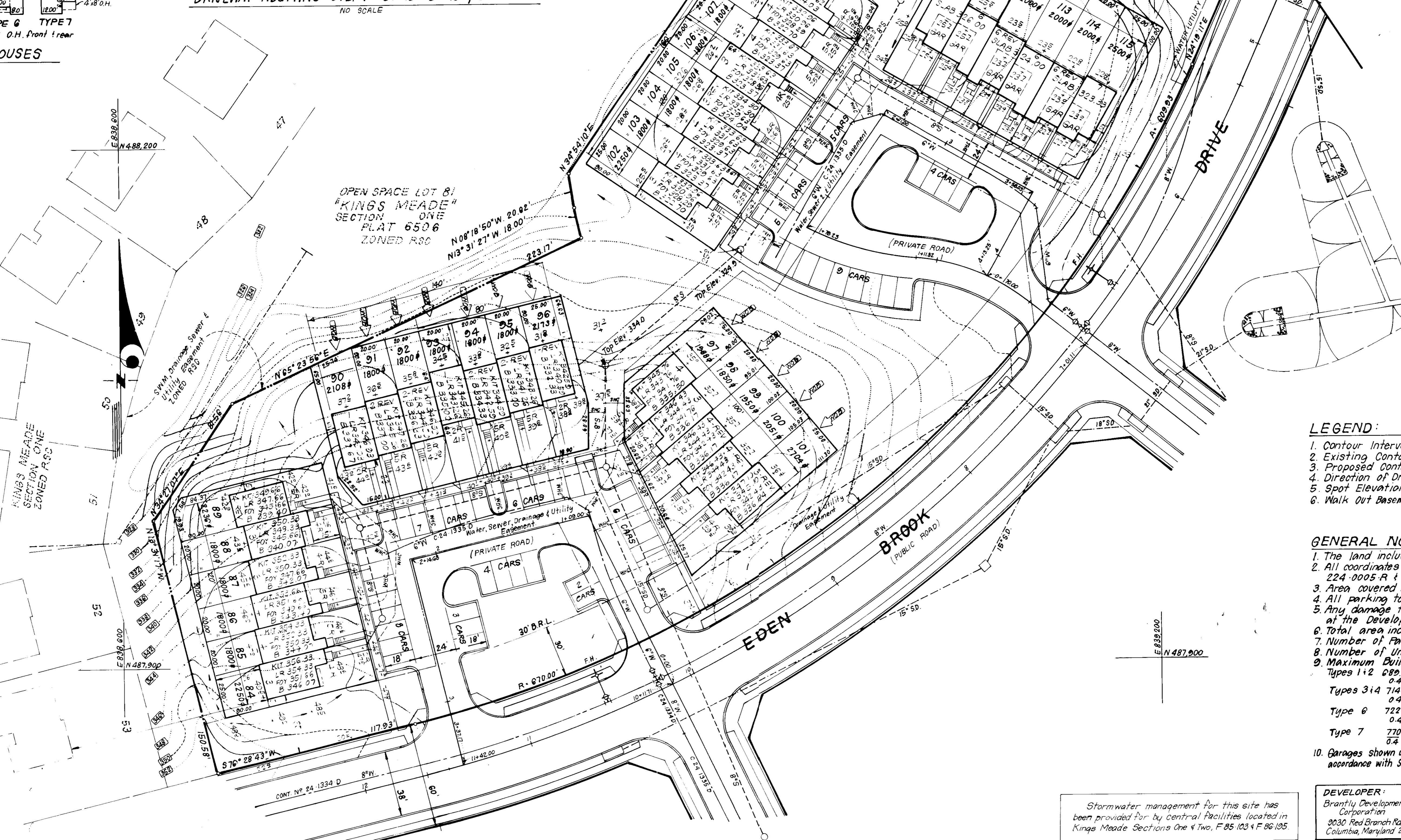


TYPICAL HOUSES  
NO SCALE



DRIVEWAY ABUTTING STD. 7" COMB. CURB & GUTTER  
NO SCALE

OPEN SPACE LOT 81  
"KINGS MEADE"  
SECTION ONE  
PLAT 6506  
ZONED R30



VICINITY MAP  
SCALE = 1" = 2,000'

LOT NO.	STREET ADDRESS
84	7140 Eden Brook Drive
85	7138 " " "
86	7136 " " "
87	7134 " " "
88	7132 " " "
89	7130 " " "
90	7128 " " "
91	7126 " " "
92	7124 " " "
93	7122 " " "
94	7120 " " "
95	7118 " " "
96	7116 " " "
97	7114 " " "
98	7112 " " "
99	7110 " " "
100	7108 " " "
101	7106 " " "
102	7104 " " "
103	7102 " " "
104	7100 " " "
105	7098 " " "
106	7096 " " "
107	7094 " " "
108	7092 " " "
109	7090 " " "
110	7088 " " "
111	7086 " " "
112	7084 " " "
113	7082 " " "
114	7080 " " "
115	7078 " " "

- LEGEND:**
- 1. Contour Interval 2 F±
  - 2. Existing Contour ---
  - 3. Proposed Contour ---
  - 4. Direction of Drainage →
  - 5. Spot Elevation +20±
  - 6. Walk Out Basement --->

- GENERAL NOTES:**
- The land included is zoned: R30.
  - All coordinates are based upon Howard County Monuments 224-0005-R & 224-0004-R.
  - Area covered is located on Tax Map N° 4-2, Par. N° 303
  - All parking to be privately owned and maintained.
  - Any damage to county owned rights-of-way shall be corrected at the Developer's Expense.
  - Total area included: 1.465 Acres.
  - Number of Parking Spaces Required: 64 Provided: 71.
  - Number of Units shown: 32
  - Maximum Building Coverage is 40% Min Lot Sizes:  
Types 1 & 2 689.04 - 1724.4 Min Lot Size Required  
Types 3 & 4 714.34 - 1,789.75 Min Lot Size Required  
Type 6 722.04 - 1,807.4 Min Lot Size Required  
Type 7 770.4 - 1,027.4 Min Lot Size Required
  - Garages shown on this plan shall only be used for parking purposes, in accordance with Sect. 127 B.2.b (18) of the Howard County Zoning Regulations.

Stormwater management for this site has been provided for by central facilities located in Kings Meade Sections One & Two, F. 85 103 & F. 86 195

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

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

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HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

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

DATE: 12-24-86  
DATE: 11-25-86  
DATE: 11-25-86  
DATE: 11-25-86

9-3-86



DEVELOPER: Brantly Development Corporation  
3030 Red Branch Rd #210  
Columbia, Maryland 21046

SUBDIVISION NAME: KINGS MEADE  
SECTION TWO  
PLAT 1/F 6978  
BLOCK N° 748  
TAX/ZONE R30  
M&A/ELEC/DIST 42  
WATER CODE E-16  
SEWER CODE 5200000

CLARK • FINEFROCK & SACKETT  
ENGINEERS • PLANNERS • SURVEYORS  
11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20994 • (301) 593-3400

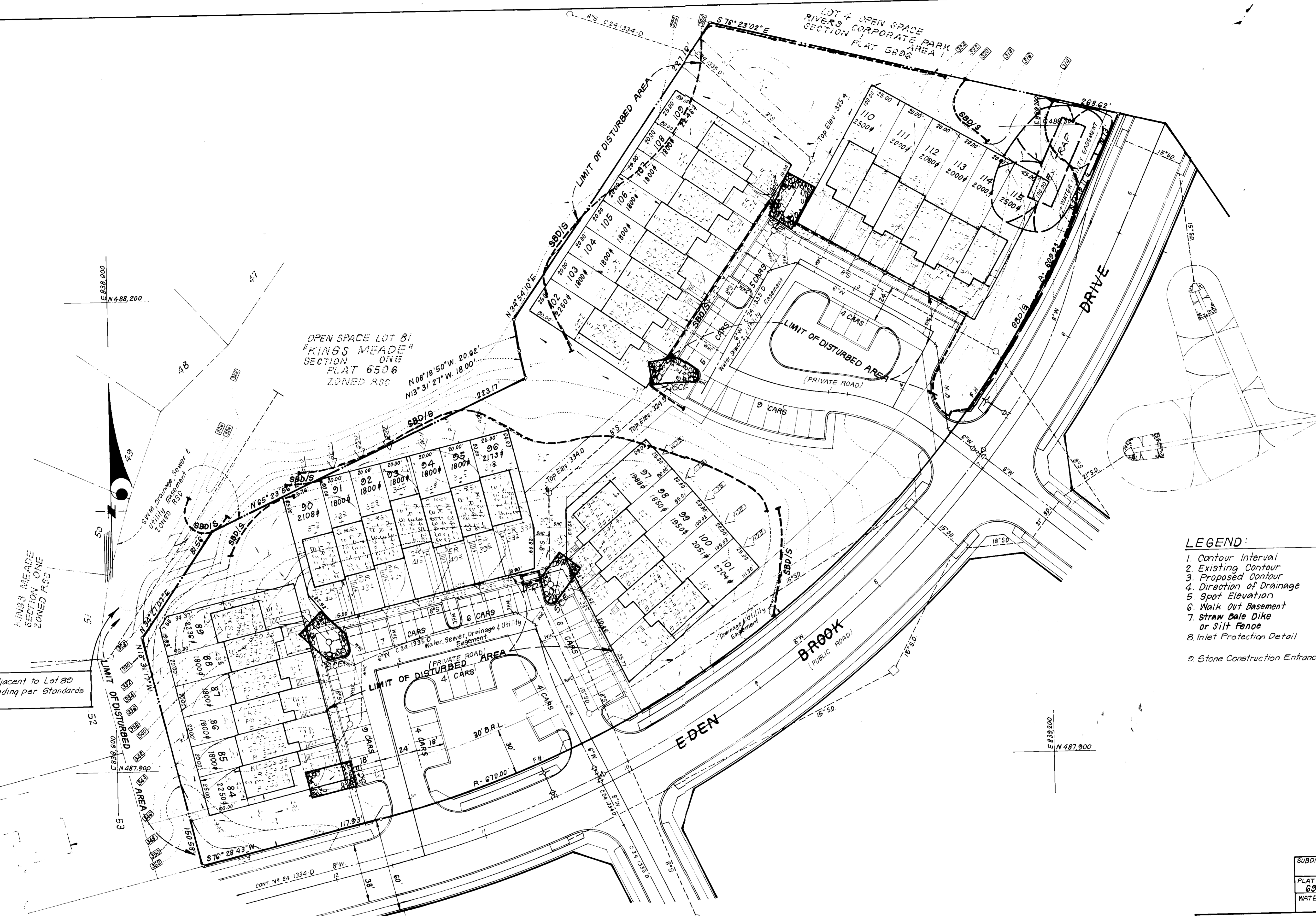
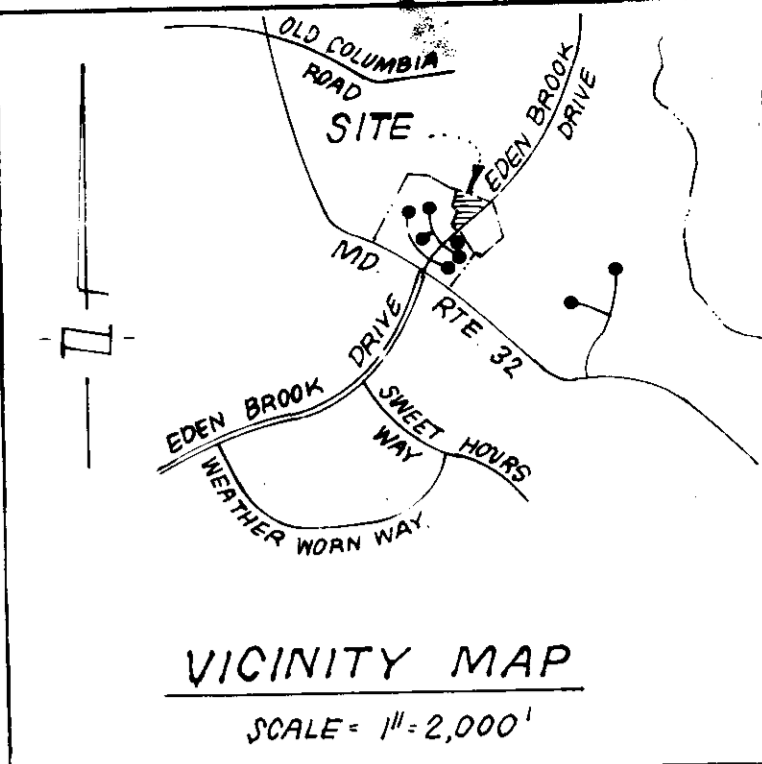
SITE DEVELOPMENT PLAN  
LOTS 84 THRU 115  
KINGS MEADE  
SECTION TWO  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

FOR: Diversified Homes Corporation of Maryland  
10015 Old Columbia Pike  
Columbia, Md. 21046

DESIGNED: BAF  
DRAWN: JTR  
CHECKED: BAF  
DATE: MA 28, 86

SCALE: 1" = 30'  
DRAWING: 10F4  
JOB NO.: 86-049  
FILE NO.: 86-049 X

SDP-86-265



Seed and mulch slope adjacent to Lot 89 within 7 days of initial grading per Standards and Specifications.

- LEGEND:**
- 1. Contour Interval 2 F.T.
  - 2. Existing Contour
  - 3. Proposed Contour
  - 4. Direction of Drainage
  - 5. Spot Elevation
  - 6. Walk Out Basement
  - 7. Straw Bale Dike or Silt Fence
  - 8. Inlet Protection Detail
  - 9. Stone Construction Entrance

SUBDIVISION NAME KINGS MEADE		SECT / AREA SECT TWO	LOT / PARCEL LOTS 84 THRU 115
PLAT / L.P. 6978	BLOCK N° 748	ZONE R3C	TAX / ZONE MAP ELEC. DIST. CENSUS 42 6TH 6061.0
WATER CODE EIG		SEWER CODE 529 0000	

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

*James P. ...* 11-24-86  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
*Thomas ...* 11-25-86  
PLANNING DIRECTOR DATE

*John W. ...* 11-25-86  
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

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

*John ...* 11-19-86  
DIRECTOR DATE

*...* 11-18-86  
CHIEF BUREAU OF ENGINEERING DATE

**APPROVED**  
PLANNING BOARD  
OF HOWARD COUNTY  
DATE 9-3-86

Howard  
*James ...* 11-17-86  
Approved Date

*Stephen L. ...* 11/17/86  
Approved Date

DEVELOPER'S/BUILDER'S CERTIFICATE

*B. Paul Montgomery* 6-3-86  
Signature of Developer/Builder Date

*G. Nelson Clark* 6-3-86  
Signature Date

STATE OF MARYLAND  
G. NELSON CLARK  
Professional Engineer  
No. 7139  
1986

**CLARK · FINEFROCK & SACKETT**  
ENGINEERS · PLANNERS · SURVEYORS

11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED JK  
DRAWN JTR  
CHECKED BAF  
DATE MAY 28, 86

**SEDIMENT EROSION CONTROL PLAN**  
LOTS 84 THRU 115  
**KINGS MEADE**  
SECTION TWO  
6TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE 1"=30'  
DRAWING 20F-4  
JOB NO. 86-049  
FILE NO. 86-049

FOR: Diversified Homes Corporation of Maryland  
10015 Old Columbia Pike  
Columbia Md. 21046  
**SDP-86-265**

SEDIMENT CONTROL NOTES

- 1) 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.
2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
3) Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
4) All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
5) All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seedings (Sec. 31) and (Sec. 34), temporary seeding (Sec. 30) and mulching (Sec. 32.) Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
6) 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.
7) Site Analysis:
Total Area of Site: 4.05 Acres
Area Disturbed: 2.260 Acres
Area to be roofed or paved: 0.525 Acres
Area to be vegetatively stabilized: 7.137 Acres
Total Cut: Cu. yds
Total Fill: Cu. yds
Offsite waste/borrow area Location
8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
9) Additional sediment control must be provided, if deemed necessary by the Howard County DWM sediment control inspector.
10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
11) If houses are to be constructed on an "As-Sold" basis, at random, Single Lot Sediment Control as shown below shall be implemented.
12) All pipes to be blocked at the end of each day (see detail below).
13) The total amount of straw bale dikes/silt fence equals 1250 L.F.

PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: In lieu of soil test recommendations, use one of the following schedules

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) before seeding, and 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq ft).
2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil.

Seeding - For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, protect site by: Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use sod. Option (3) Seed with 60 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching - Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq ft) for anchoring.

Inspect all seeded areas and make needed repairs, replacements and reseeding.

TEMPORARY SEEDING NOTES

Apply to graded or cleared areas likely to be redistributed where a short-term vegetative cover is needed.

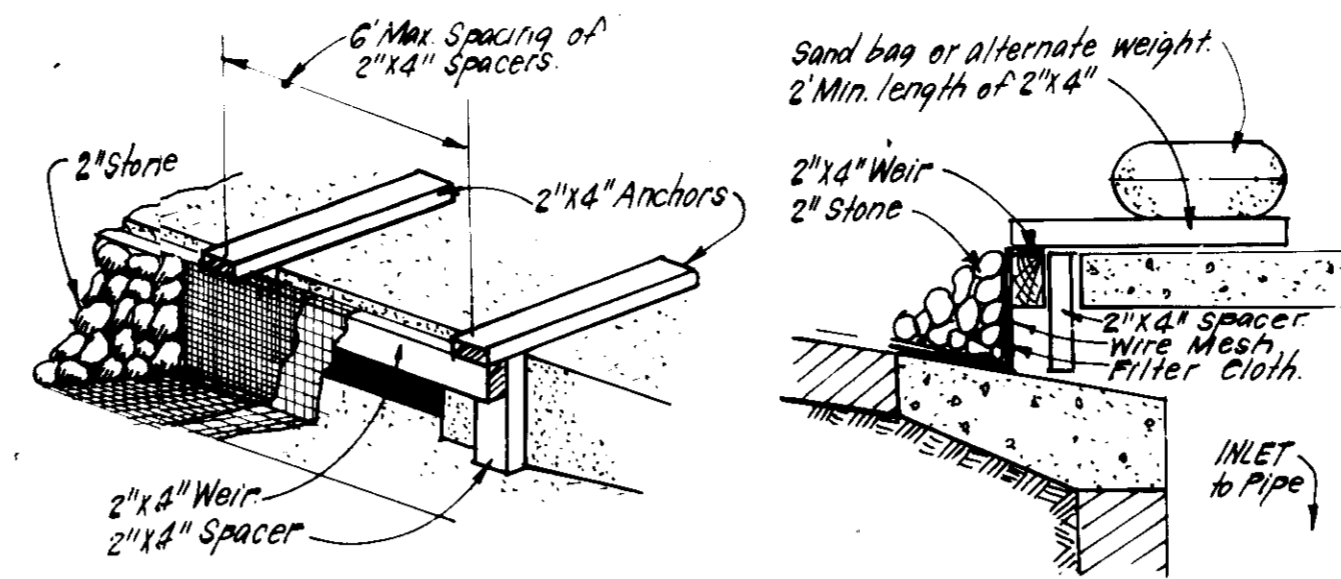
Seedbed Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft)

Seeding: For periods March 1 thru April 30 and from August 15 thru November 15, seed with 2 1/2 bushels per acre of annual ryegrass (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

Mulching: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs/1000 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes, 8 ft or higher, use 348 gal per acre (8 gal/1000 sq ft) for anchoring.

Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.



CURB INLET PROTECTION DETAIL

CONSTRUCTION SPECIFICATIONS:

- I. MATERIALS: A. Wooden frame is to be constructed of 2x4 construction grade lumber. B. Wire mesh must be of sufficient strength to support filter fabric, and stone for curb inlets, with water fully impounded against it. C. Filter cloth must be of a type approved for this purpose; resistant to sunlight with sieve size, E-85, 40-85, to allow sufficient passage of water and removal of sediment. D. Stone is to be 2\"/>

II. PROCEDURE: SWALE, DITCHLINE OR YARD INLET PROTECTION

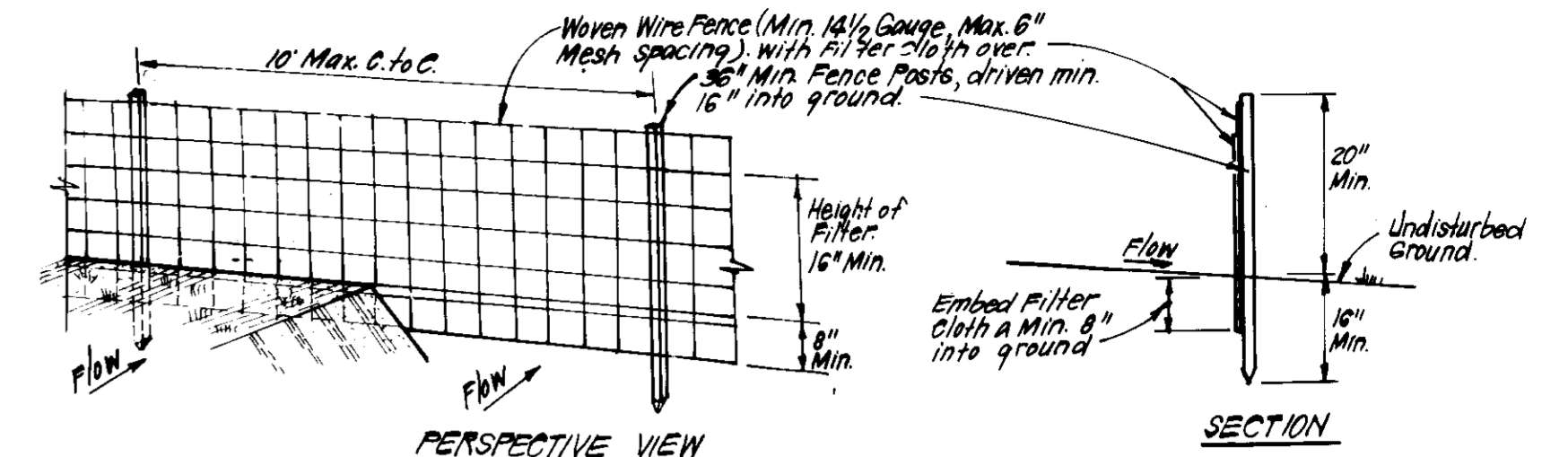
- 1. Excavate completely around inlet to a depth of 18\"/>

II. PROCEDURE: CURB INLET PROTECTION

- 1. Attach a continuous piece of wire mesh (30\"/>

INLET PROTECTION DETAIL (I.P.D.)

NO SCALE



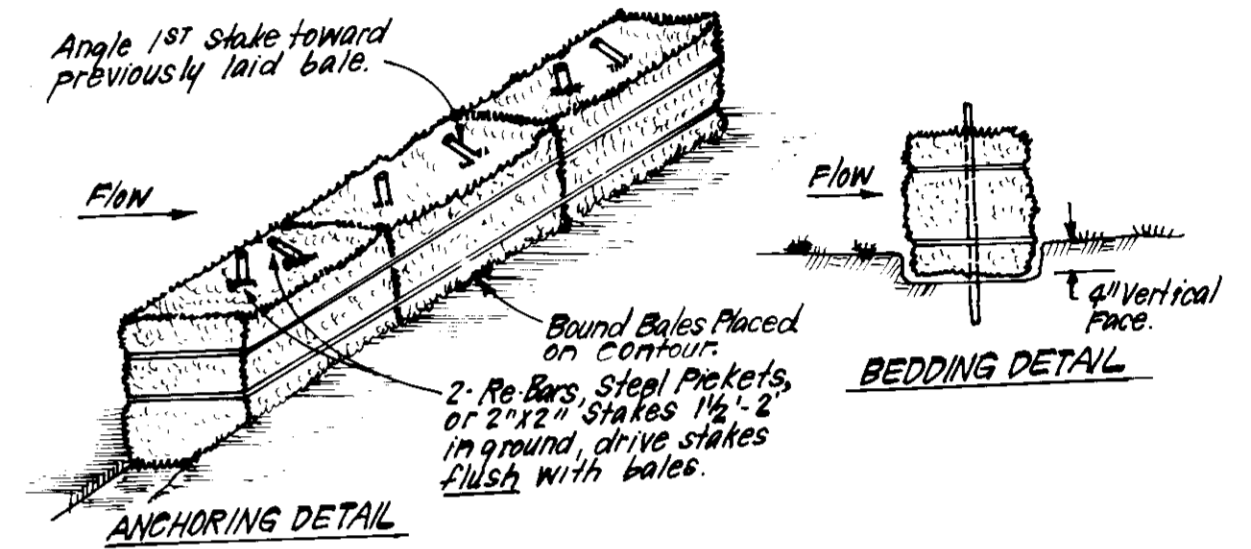
SILT FENCE DETAIL (S)

NO SCALE

CONSTRUCTION SPECIFICATIONS:

- 1. Woven wire fence to be fastened securely to fence posts with wire ties or staples. 2. Filter cloth to be fastened securely to woven wire fence with ties spaced every 24\"/>

- POSTS: Steel, either T or U Type or 2\"/>



CONSTRUCTION SPECIFICATIONS:

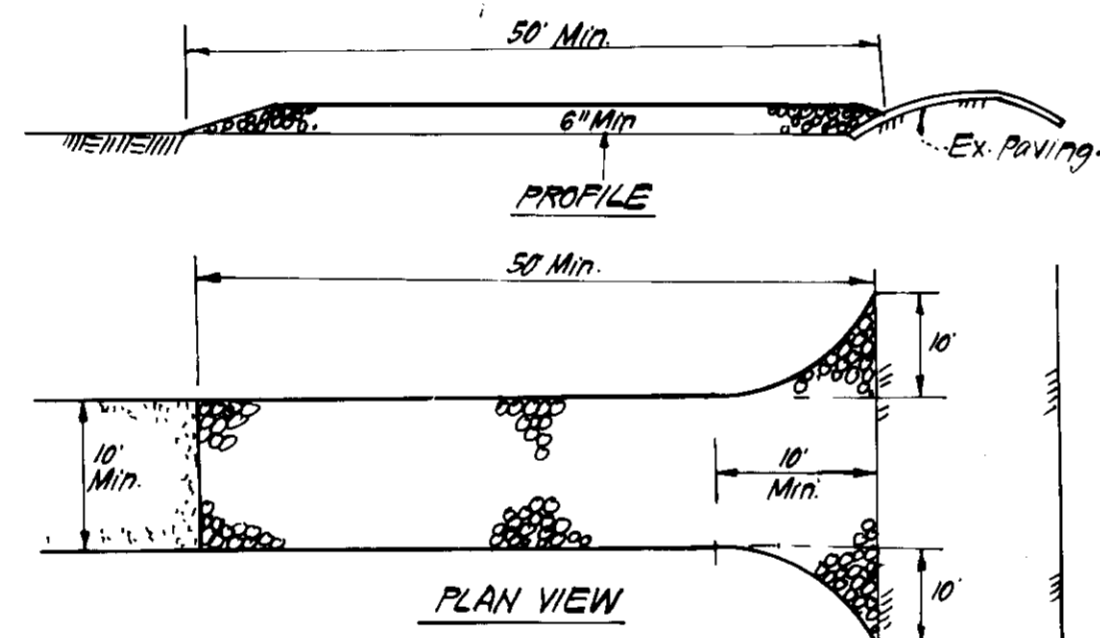
- 1. Bales shall be placed at the top of a slope or on the contour and in a row with ends tightly abutting the adjacent bales. 2. Each bale shall be embedded in the soil a min. of 4\"/>

STRAW BALE DIKE DETAIL (SBD)

NO SCALE

CONSTRUCTION SEQUENCE:

Table with 2 columns: Activity and No. of Days. Activities include: Obtain Grading Permit and install Sediment and Erosion Control Devices (3 days), Excavate for foundations and Rough Grade & Temporary Stabilize (70 days), Construct Structures, Sidewalks and Driveways (30 days), Final Grade and stabilize in accordance with Stds. & Specs. (30 days), Upon approval of the sediment control inspector, remove sediment and erosion controls and stabilize (2 days).



CONSTRUCTION SPECIFICATIONS:

- 1. Stone Size - Use 2\"/>

STABILIZED CONSTRUCTION ENTRANCE (S.C.E.)

NO SCALE

APPROVED PLANNING BOARD OF HOWARD COUNTY

DATE 9-3-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT. Signature: Joseph B. ... 11-24-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING. Signature: ... 11-25-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS. Signature: ... 11-16-86

Reviewed for HOWARD S.C.D. and meets Technical Requirements. U.S. Soil Conservation Service. Signature: ... 11-17-86

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. Signature: ... 11/17/86

DEVELOPER'S/BUILDER'S CERTIFICATE

I/We certify that all development and construction will be done according to 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 Dept. of Natural Resources Approved Training Program for the Control of Sediment and Erosion before beginning the project.

Signature: B. Paul Montgomery Date: 6-3-86

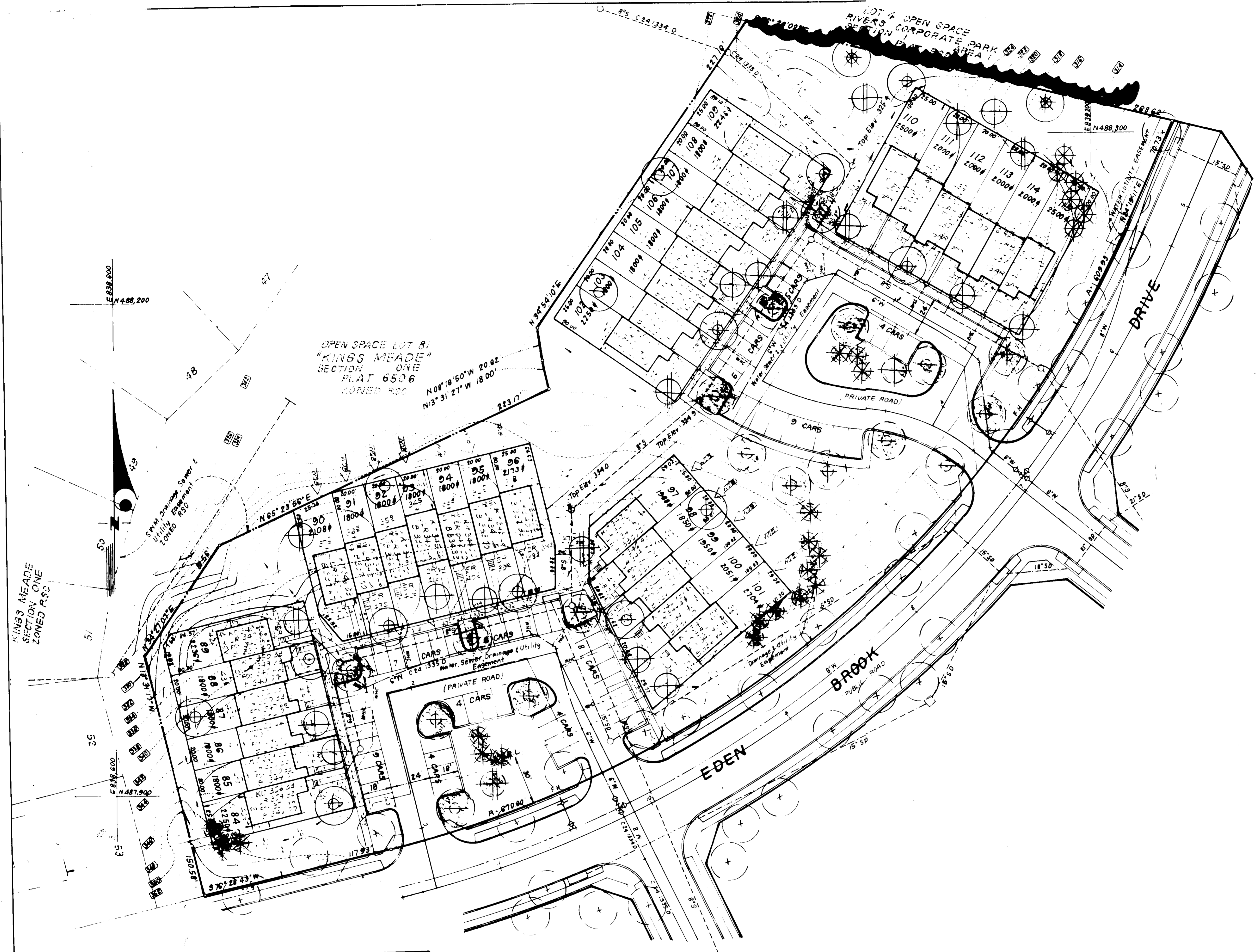
ENGINEER'S CERTIFICATE

I hereby 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: G. Nelson Clark Date: 7-25-86

Table with columns: SUBDIVISION NAME (KINGS MEADE), SECT./AREA (SECT TWO), LOT/PARCEL NO. (LOTS 84 THRU 115), PLAT I/F (6978), BLOCK NO. (748), TAX./ZONE MAP/ELEC. DIST. (42), CENSUS TR. (6061.02), WATER CODE (E16), SEWER CODE (5290000)

CLARK · FINEFROCK & SACKETT ENGINEERS · PLANNERS · SURVEYORS. 11315 LOCKWOOD DRIVE · SILVER SPRING, MARYLAND 20904 · (301) 593-3400. PROJECT: SEDIMENT EROSION CONTROL PLAN, LOTS 84 THRU 115, KINGS MEADE, SECTION TWO, 6TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND. FOR: Diversified Homes Corporation of Maryland, 10015 Old Columbia Pike, Columbia, Md. 21046. SDP-86-265



### PLANT SCHEDULE

KEY	PLANT NAME	SIZE	QUANT	REMARKS	
				PLANTED BY	PLANTED DATE
⊗	ACER PLATANOIDES	2 1/2 - 3' CAL	2		B & B HEAVY HEADS
⊕	HOPWAY MAPLE	12-14' HT.			
⊙	ACER RUBRUM 'RED SUNSET'		9	7*	
⊖	RED SUNSET MAPLE				
⊗	QUERCUS PALUSTRIS		5	11*	
⊙	PIN OAK				
⊕	PRUNUS SEPP. 'AWAZANI'	2-2 1/2' CAL	12	1*	
⊖	KWANZA CHERRY	8-10' HT.			
⊙	PRUNUS CER. 'THUNDERCLOUD'		8	1*	
⊖	PURPLELEAF FLOWERING PLUM				
⊗	PINUS STROBILIS	6-8' HT.	6	18*	B & B HEAVY
⊕	EASTERN WHITE PINE				

\* OPTIONAL PLANTINGS FOR THE DEVELOPER ARE DASHED & SHADED  
 ⊕ PREVIOUSLY APPROVED STREET TREES (84-061 D)

#### NOTE:

- STREET TREE PLANTING IS THE RESPONSIBILITY OF THE DEVELOPER.
- INDIVIDUAL LOT PLANTING IS THE RESPONSIBILITY OF THE BUILDER.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO DIGGING.
- ALL PLANTING SHALL COMPLY WITH ATTACHED SPECIFICATIONS.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS.  
 HOWARD COUNTY HEALTH DEPARTMENT  
 COUNTY HEALTH OFFICER: *[Signature]* DATE: 11-24-86  
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR: *[Signature]* DATE: 11-25-86  
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION  
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS  
 DIRECTOR: *[Signature]* DATE: 11-18-86  
 CHIEF BUREAU OF ENGINEERING: *[Signature]* DATE: 11-18-86

**APPROVED**  
 PLANNING BOARD  
 OF HOWARD COUNTY  
 9-3-86  
*[Signature]*

**CLARK • FINEFROCK & SACKETT**  
 ENGINEERS • PLANNERS • SURVEYORS  
 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904

**LANDSCAPE PLANTING PLAN**  
 LOTS 84 THRU 115  
 KINGS MEADE  
 SECTION TWO  
 6th ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 FOR: DIVERSIFIED HOMES CORPORATION OF MD  
 10015 OLD COLUMBIA PIKE  
 COLUMBIA, MD. 21046

DESIGNED: KBN  
 DRAWN: KBN  
 CHECKED: WHT  
 DATE: 5-29-86

SCALE: 1"=30'  
 DRAWING: 4 OF 4  
 JOB NO: 86-049  
 FILE NO: LS 86-049

