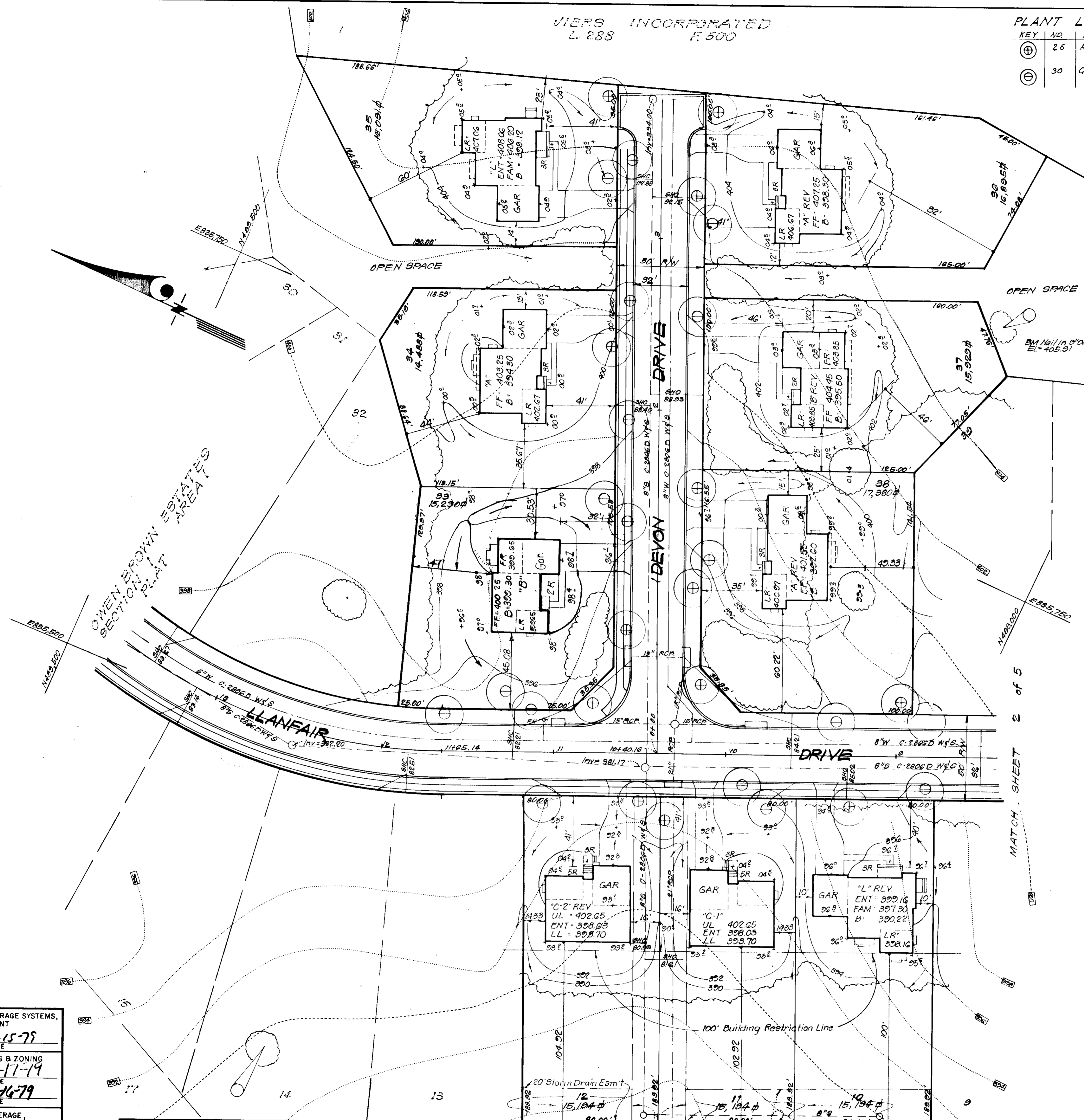
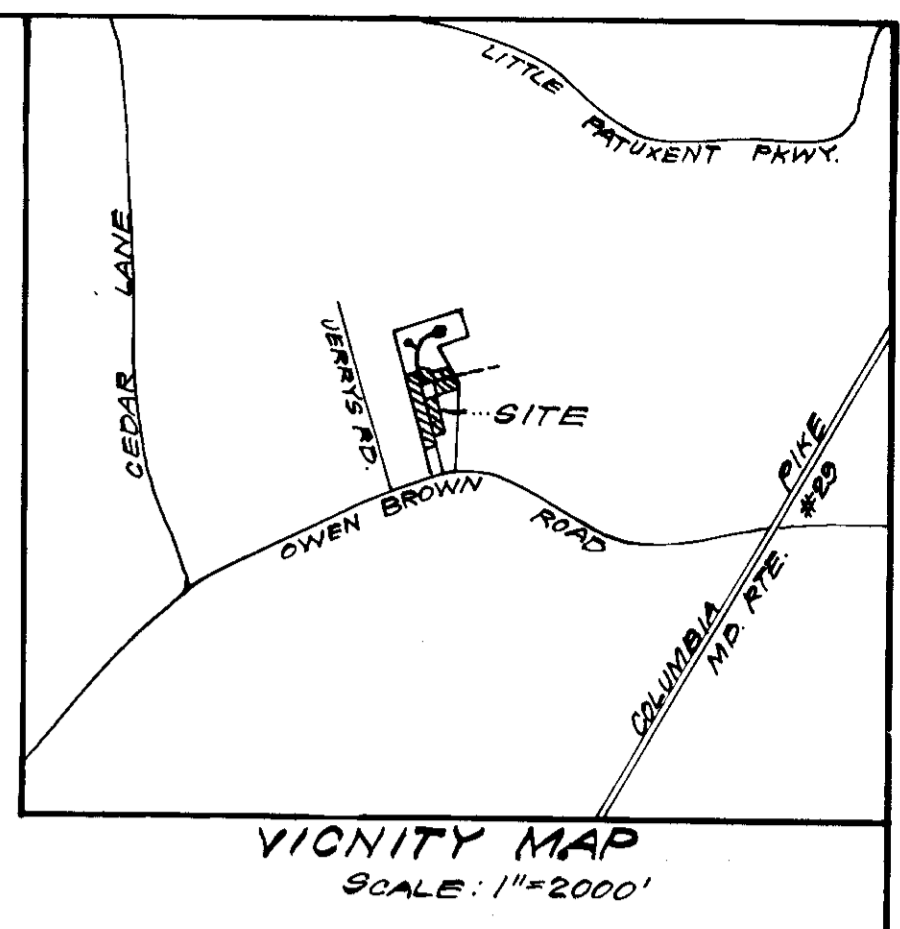


VIERS INCORPORATED
L. 288 F. 500

PLANT LIST:

KEY	NO.	NAME	SIZE	
⊕	26	Acer Rubrum 'October Glory' October Glory Maple	1 1/2" Cal. 8-10 HT	B & B Heavy Heads
⊕	30	Quercus Rubra Red Oak	1 1/2" Cal. 8-10 HT	B & B Heavy Heads



GENERAL NOTES:

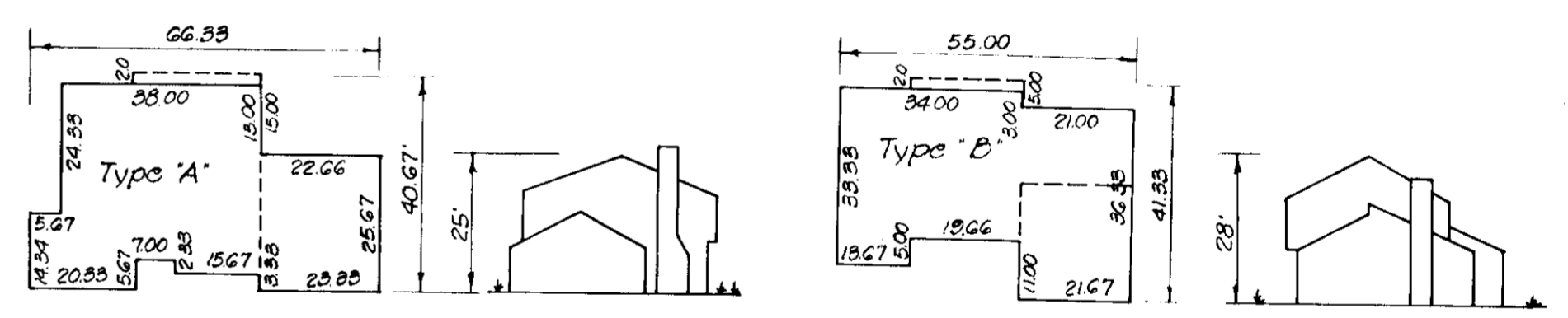
- The Land included in this plan is zoned: R-20.
- The Lots shown on this plan are located on Tax Map # 35.
- The Plan and Coordinates shown hereon are based upon traverse controls for Columbia established by Maps Inc. in 1965 and by Purdum and Vesohke in 1968, which controls were tied to Md. Bureau of Control Survey Monuments and to U.S. Coast and Geodetic Mean Survey Monuments in the Columbia Area.
- The total area included in this plan is 7.379 Acres.
- All Roadways are public and Existing.
- Any damage to county owned Rights of Way or Paving shall be corrected at the developer's expense.
- Total number of Lots included in this submission is 21.

APPROVED
DIVISION OF LAND DEVELOPMENT

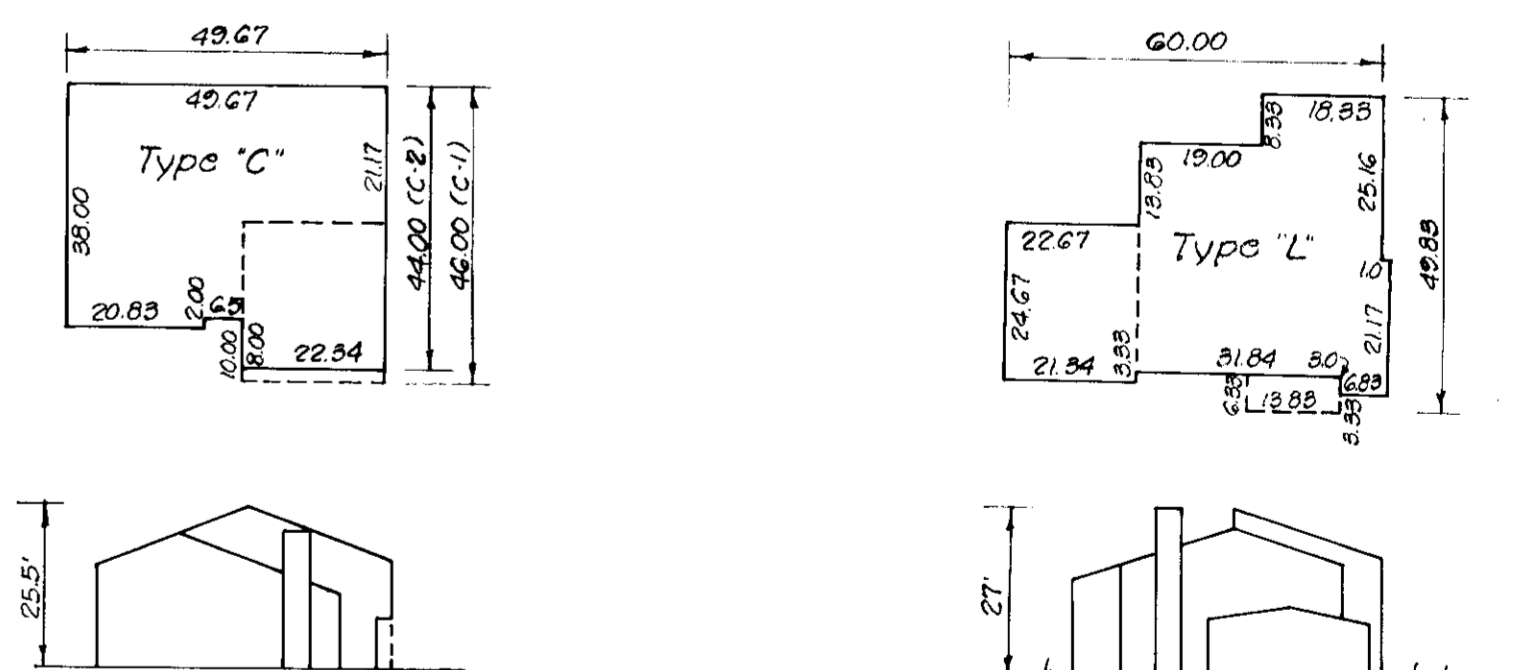
HOWARD COUNTY, MARYLAND
DATE 11-22-78
JWM

LEGEND:

- Contour Interval 2' F.
- Existing Contour 410
- Proposed Contour 410
- Spot Elevation +1.05
- Direction of Drainage
- Exist. Trees to be Retained



TYPICAL HOUSE TYPES
No Scale



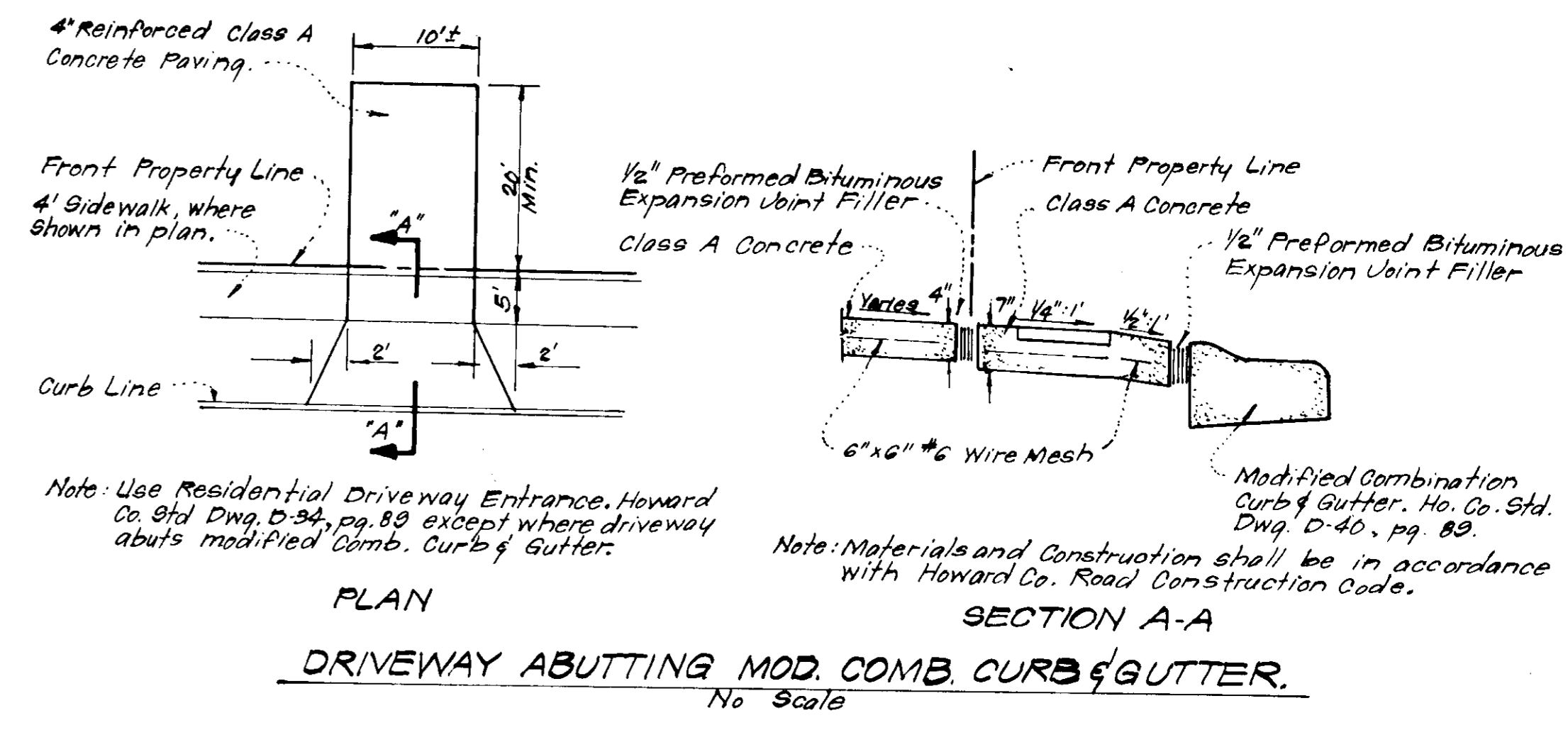
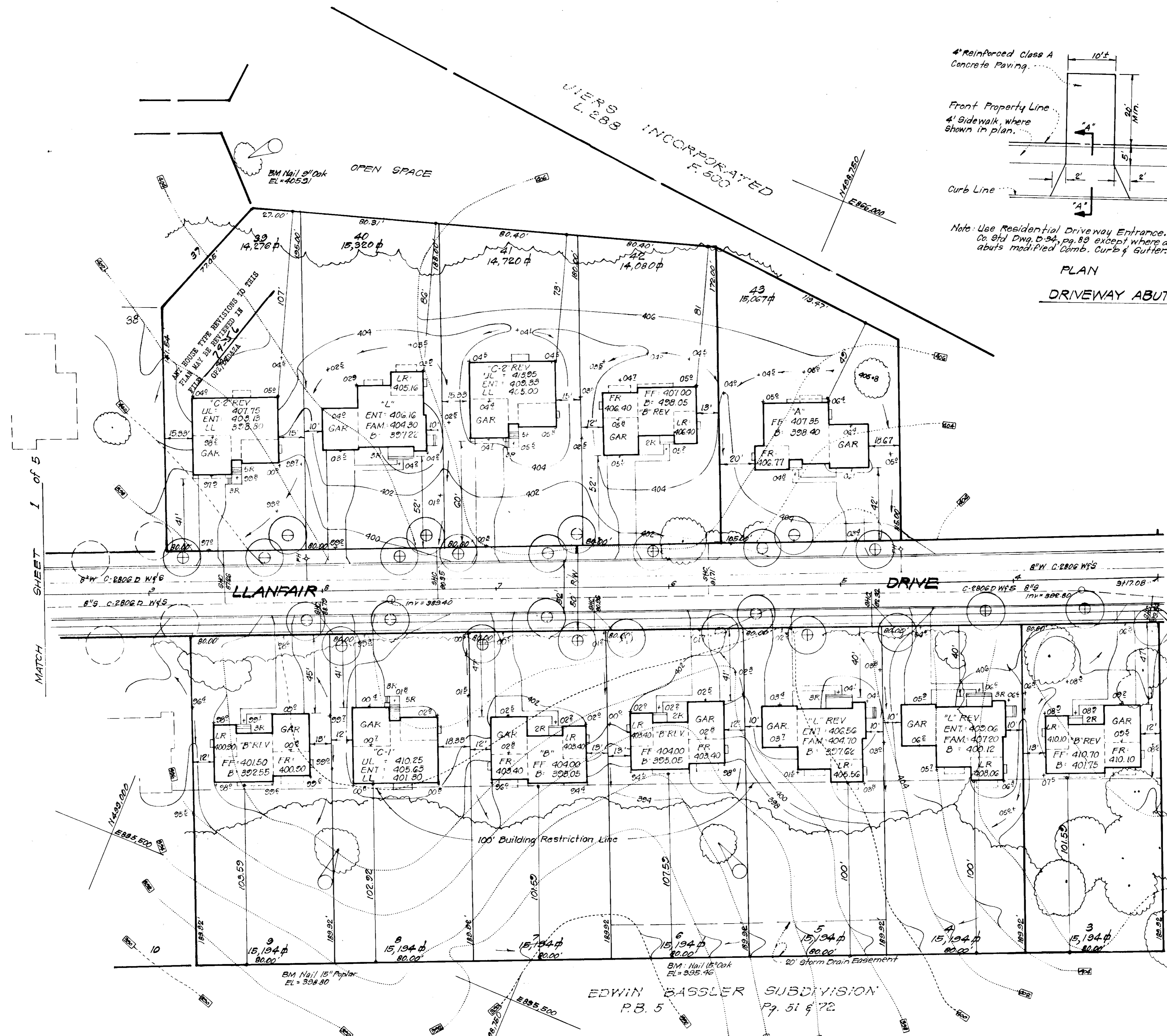
For Bearings & Distances for Individual Lot Lines, see Record Plat # 4091
Note: House moved on Lot 33. Revisions made 3-10-80.

<p>CLARK • FINEPROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400</p>		
DESIGNED J.M.E.	<p>SITE DEVELOPMENT PLAN LOTS 3 THRU 12 & 33 THRU 43</p>	SCALE 1"=30'
DRAWN K.I.W. J.M.E.		DRAWING OWEN BROWN ESTATES
CHECKED D.B.S.	<p>SECTION 1 AREA 1 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: AVERY HOMES, INC. SUITE 445 2000 Century Plaza Columbia, Md 21044</p>	JOB NO.
DATE Oct. 1978		FILE NO. 1379-X

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT	DATE 1-15-79
APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING	DATE 1-17-79
PLANNING DIRECTOR CHIEF DIVISION OF LAND DEVELOPMENT	DATE 1-16-79
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	DATE 1/8/79
DIRECTOR CHIEF BUREAU OF ENGINEERING	DATE 1-5-79

EDWIN BAGSLER SUBDIVISION
PB 5 Pg. 51 & 72

Donald B. Sackett



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

William Bond 1-1-79
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

Thomas J. Hamig 1-17-79
PLANNING DIRECTOR DATE

Richard E. Freudenberg 1/8/79
DIRECTOR DATE

W. O. Siskind 1-1-79
CHIEF BUREAU OF ENGINEERING DATE

APPROVED
DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY, MARYLAND
DATE: 11-22-78
AJM

For Bearing & Distances For Individual Lot Lines, see Record Plot # 4091

CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

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

DESIGNED J.M.E.	SITE DEVELOPMENT PLAN LOTS 3 THRU 12 & 33 THRU 43	SCALE 1"=30'
DRAWN K.I.W. J.M.E.		DRAWING 2 of 5
CHECKED D.B.S.	SECTION 1 AREA 1 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	JOB NO.
DATE Oct., 1978		FOR: AVERY HOMES, INC. SUITE 445, 2800 CENTURY PLAZA COLUMBIA, MD. 21044

SDP-79-56c See Also: HC 351

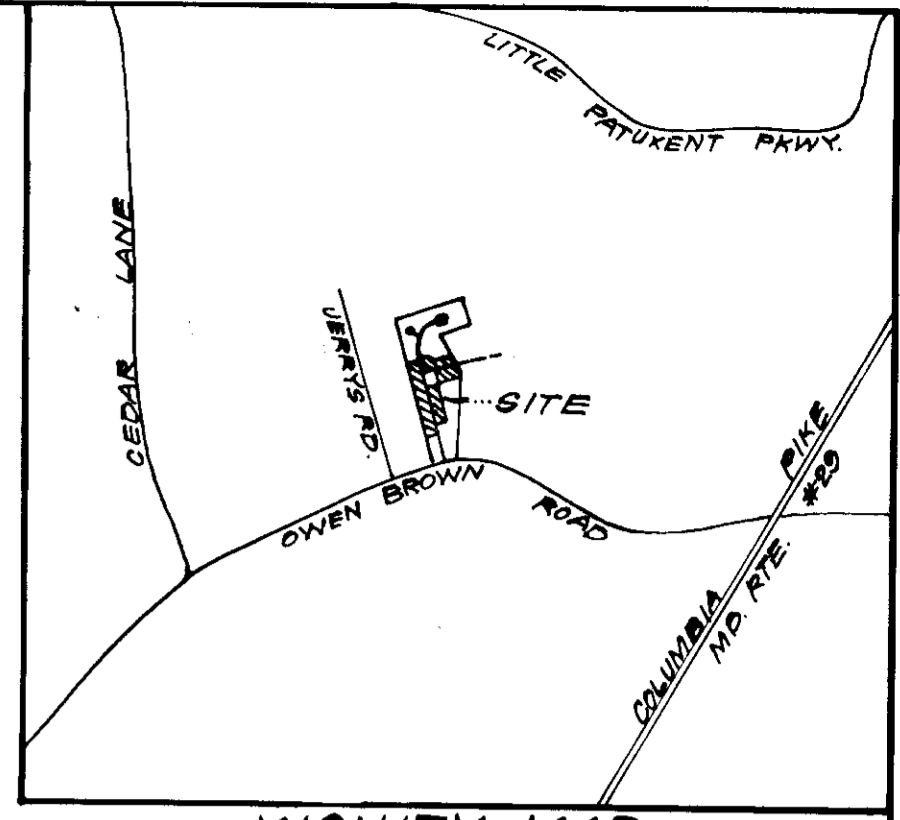
Donald B. Sackett

EDWIN BASSLER SUBDIVISION
P.B. 5 Pp. 51 & 72

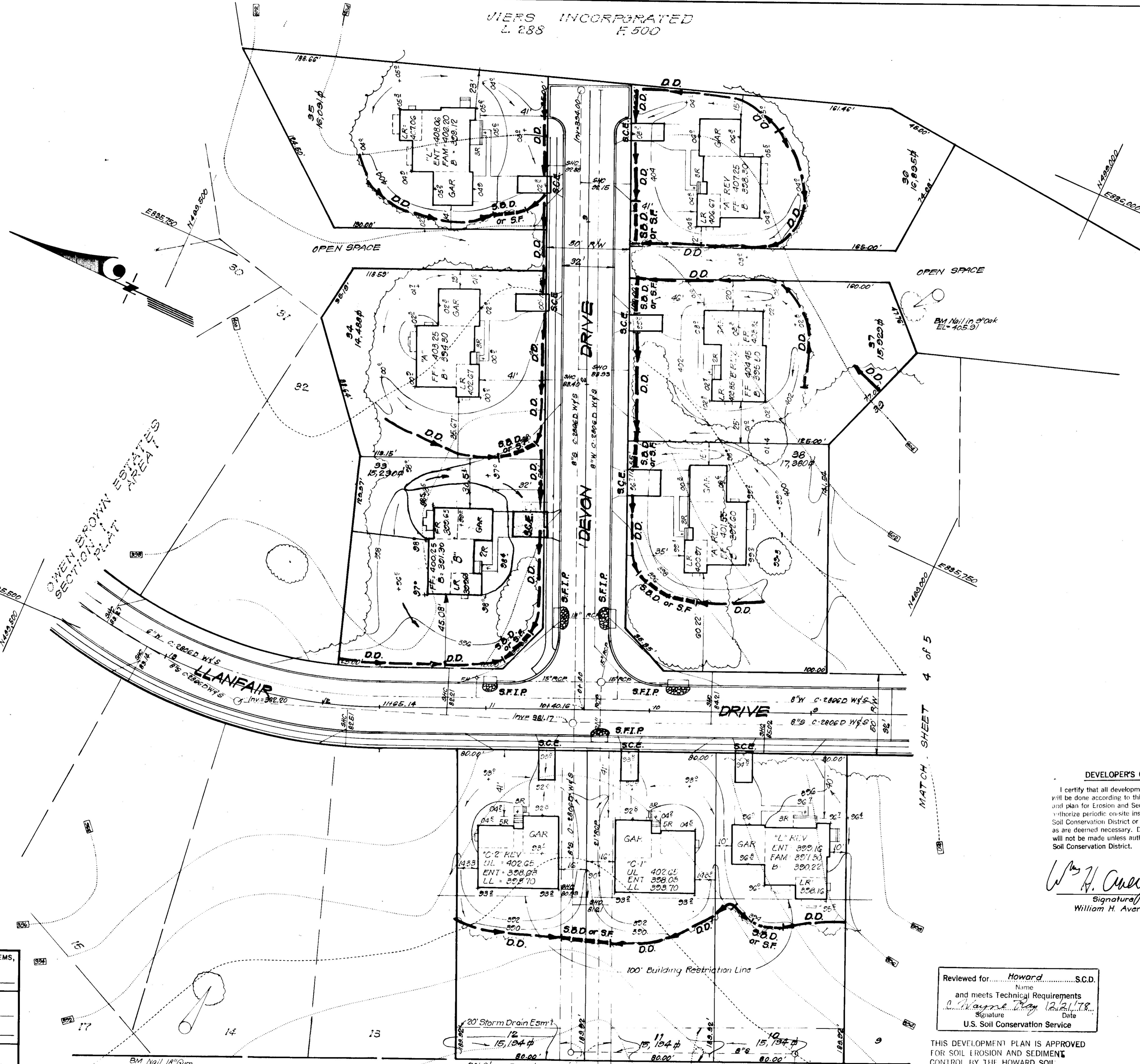
SHEET 1 of 5 MATCH

OWEN BROWN ESTATES SECTION 1 AREA 1 PLAN

VIEWS INCORPORATED
L. 285 F. 500



VICINITY MAP
SCALE: 1"=2000'



- LEGEND:**
- 1. Contour Interval 2'±
 - 2. Existing Contour 410
 - 3. Proposed Contour 410
 - 4. Spot Elevation +105
 - 5. Direction of Drainage
 - 6. Exist. Trees to be Retained
 - 7. Diversion Dike D.D.
 - 8. Straw Bale Dike or Silt Fence S.B.D. or S.F.
 - 9. Stone Filter Inlet Protection S.F.I.P.
 - 10. Stone Construction Entrance S.C.E.

APPROVED
DIVISION OF LAND DEVELOPMENT



HOWARD COUNTY, MARYLAND
DATE 11-22-78
LWM

DEVELOPER'S CERTIFICATE

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 also 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 Soil Conservation District.

William H. Avery Jr. 10/17/78
Signature Date
William H. Avery

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.

G. Nelson Clark 11-17-78
Signature Date
G. Nelson Clark

Reviewed for _____ S.C.D. Name
and meets Technical Requirements
C. Wayne Day 12/21/78
Signature Date
U.S. Soil Conservation Service

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

Richard J. Sackett 12/22/78
Approved Date

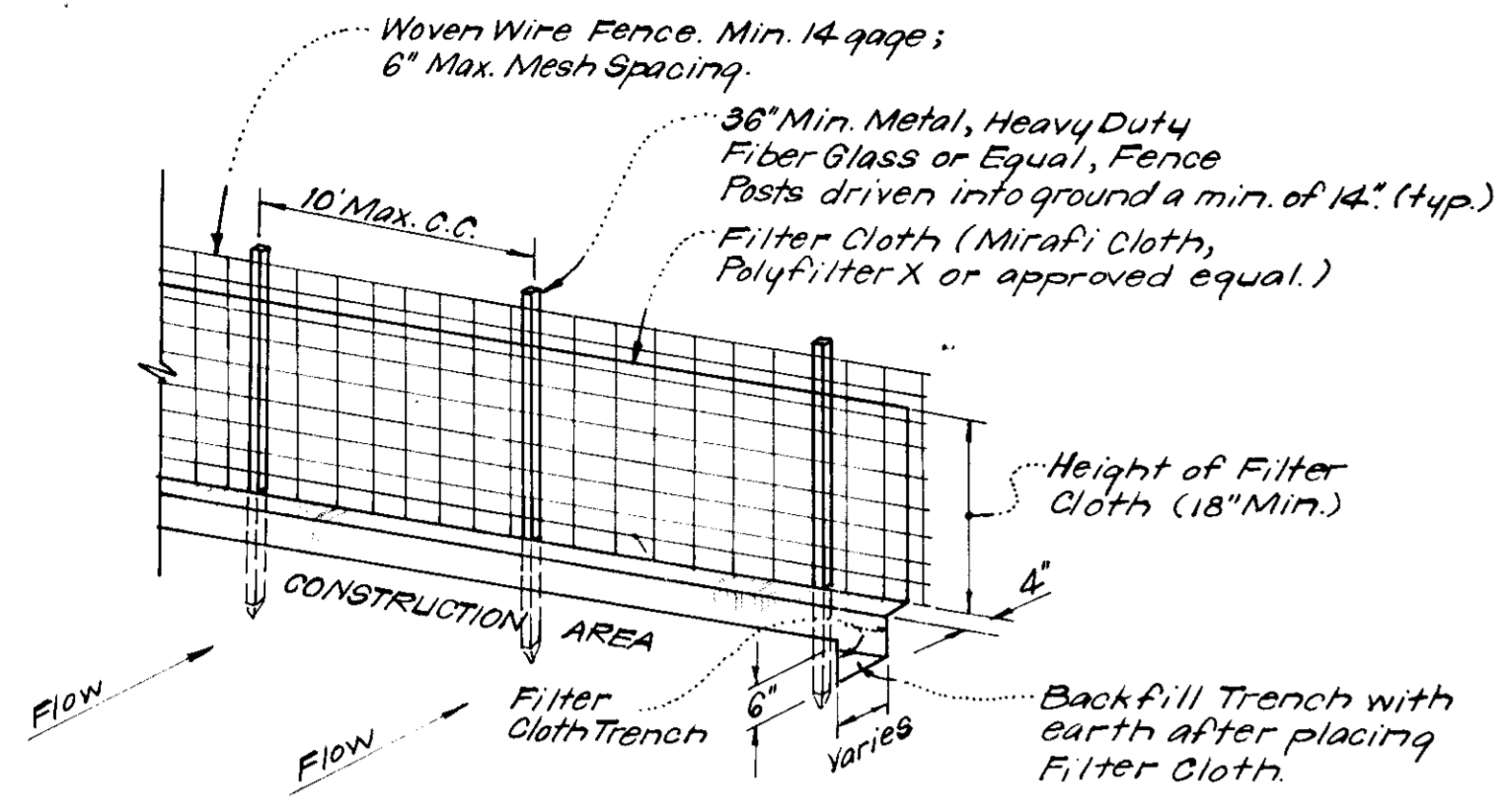
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT
James M. Ingram 1-15-79
DATE
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
John J. ... 1-17-79
DATE
PLANNING DIRECTOR
Richard C. ... 1/18/79
DATE
CHIEF DIVISION OF LAND DEVELOPMENT
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Richard C. ... 1/8/79
DATE
DIRECTOR
... 1-2-79
DATE
CHIEF BUREAU OF ENGINEERING

EDWIN BASSLER SUBDIVISION
PB 5
Pg. 51 & 72

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED	J.L.S.	SCALE 1"=30'
DRAWN	K.I.W. J.M.E.	DRAWING 3 of 5
CHECKED	R.J.S.	JOB NO.
DATE	Oct. 1978	FILE NO. 1379 X
SEDIMENT & EROSION CONTROL PLAN LOTS 3 THRU 12 & 33 THRU 43 OWEN BROWN ESTATES SECTION 1 AREA 1 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: AVERY HOMES, INC. Suite 445 2000 Century Plaza Columbia, Md 21044 SDP-79-56. See Also: HC-35/		

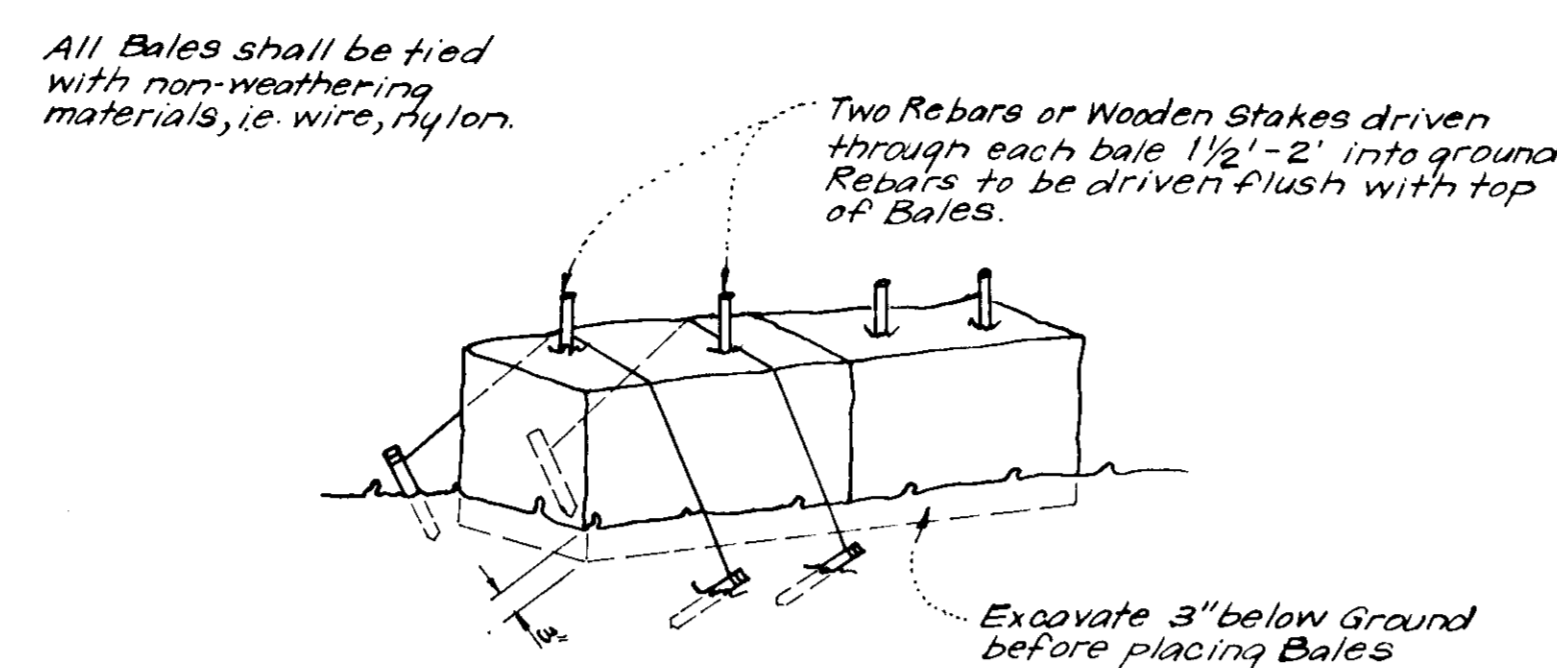
GENERAL NOTES

- Grading Permits shall be obtained prior to installation of Sediment Control & Grading.
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing or disturbance of the existing surface of the site. See Note # 6 for stabilization except that the seed mixture will be annual rye applied at a rate of 14 lbs/1000 sq. ft.
- Notify the Bureau of Inspections and Permits at least 24 hours before starting any work.
- All Sediment Control Practices to conform to the "Standards and Specifications for Soil Erosion and 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.
- All Grading shall be treated in accordance with the following Specifications:
 - Seed - certified 85% germination applied at the rate of 3 lbs/1000 sq. ft. mixture - 40% Kentucky Blue, 20% Chewing Fescue, 20% Kentucky 31, and 20% annual rye.
 - Fertilizer - 10-10-10 applied at the rate of 23 lbs/1000 sq. ft. Ground Agricultural Lime or Dolomitic Lime applied at the rate of 46 lbs/1000 sq. ft.
 - Mulch - Weed free grain straw applied at the rate of 70 lbs/1000 sq. ft. Mulch shall be secured to the ground by any approved method i.e. asphalt tacks, chemical binder, wood chips, etc.
- All Structural Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Bureau of Inspections and Permits.
- On Site Inspection and Maintenance of all Sediment Control Measures including clean out of sediment traps and dikes, and proper establishment of all planned vegetative measures will be the responsibility of the Developer or his representative on the site, on a continuing day to day basis.
- Protection of stabilized area from sediment runoff shall be provided by the use of an approved Sediment Control Device, i.e. straw bale, diversion dike, etc.
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Stabilized Construction Entrances shall be placed at all construction entrances.
- SITE ANALYSIS:**
 - Total Area = 7.379 Acres
 - Area to be Roofed = 0.959 Acres
 - Area to be Paved = 0.355 Acres
 - Area to be Seeded = 3.969 Acres
 - Area Undisturbed = 2.103 Acres
- CONSTRUCTION SEQUENCE:**
 - Install Sediment & Erosion Control Devices and stabilize Diversion Dikes.
 - Excavate for Foundations and Rough Grade.
 - Erect Structures, Drive ways and Side walks.
 - Final Grade and stabilize in accordance with Note # 6.
- If Houses are to be constructed on an "As Sold" basis at random, Single Lot Sediment Control, as shown on this sheet, shall be implemented.
- It will be the Developer's responsibility to provide additional Sediment & Erosion Control Devices to protect stabilized areas during construction.
- Total Amount of Straw Bales or Silt Fence shown = 460 L.F.



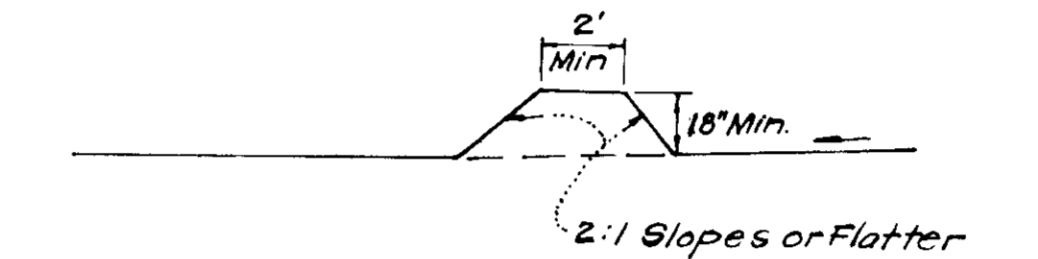
NOTES:
 1. Woven Wire Fence to be fastened securely to fence posts by use of wire ties.
 2. Filter Cloth to be fastened securely to woven wire fence by use of wire ties spaced every 24" x 24".

SILT FENCE DETAIL (S.F.)
 No Scale

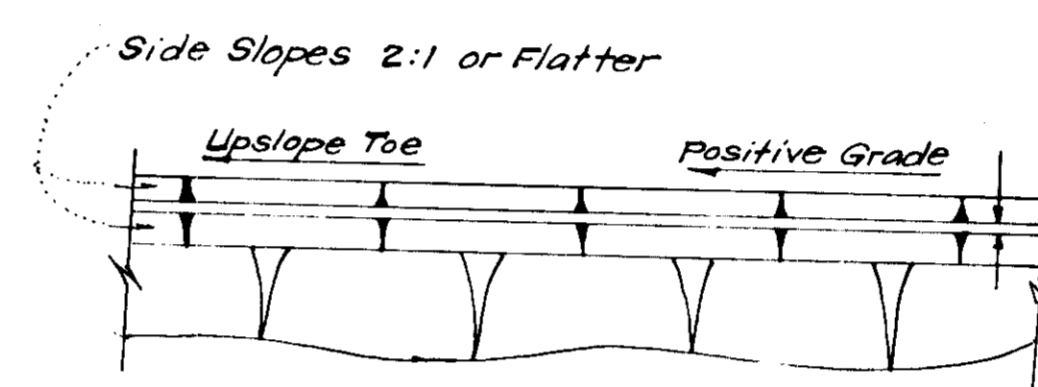


NOTE:
 1. In lieu of the use of rebar each Straw Bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

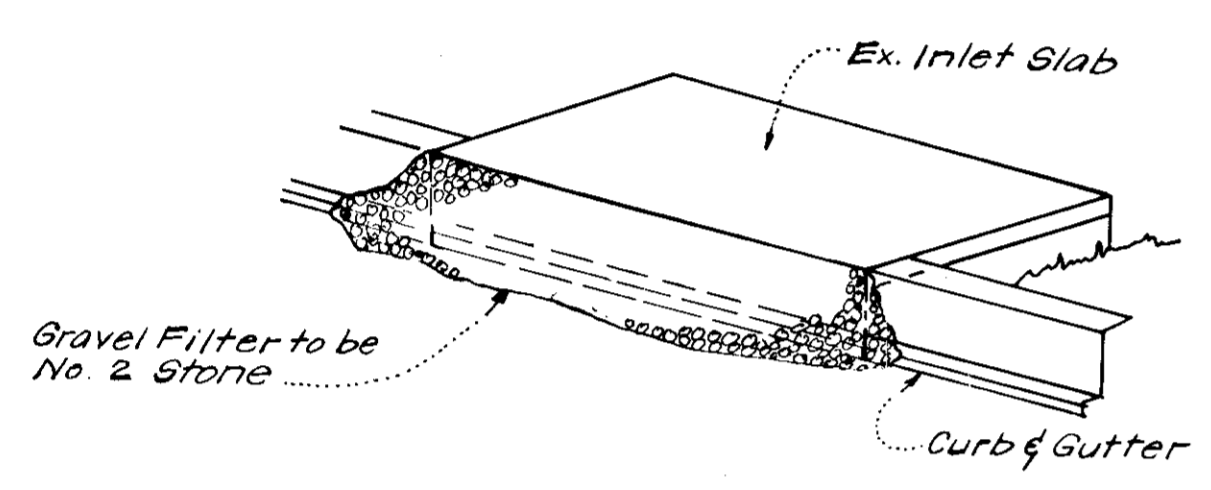
TYPICAL STRAW BALE DETAIL (S.B.D.)
 No Scale



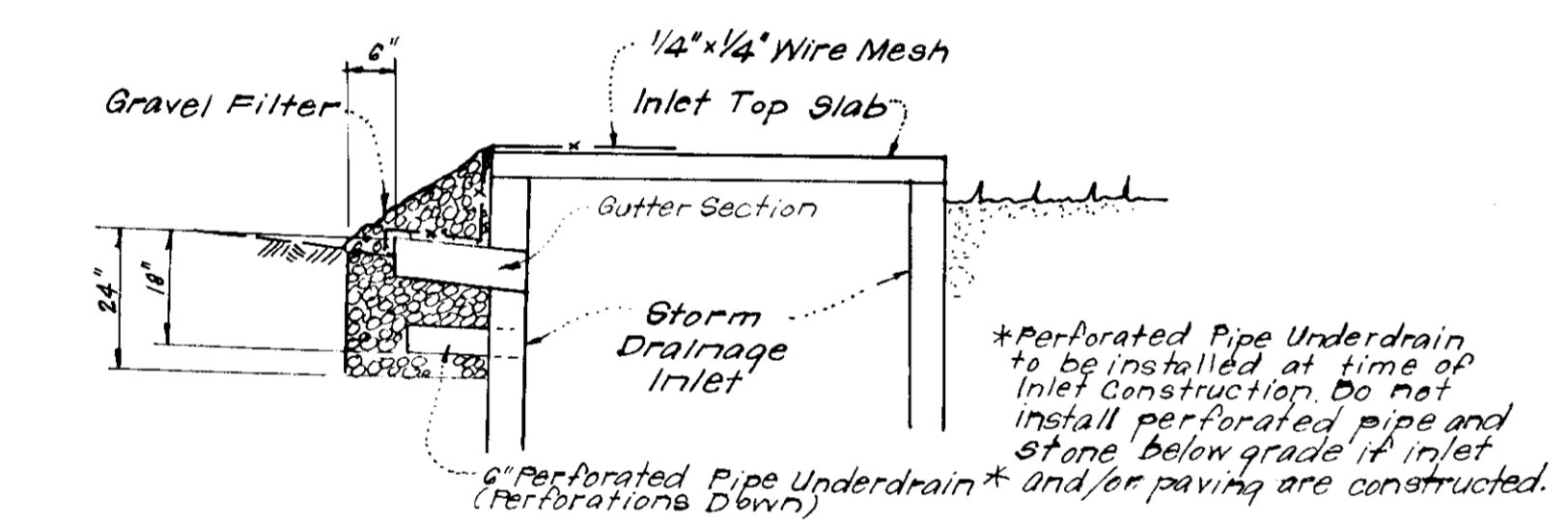
CROSS SECTION



PLAN VIEW
DIVERSION DIKE (D.D.)
 No Scale

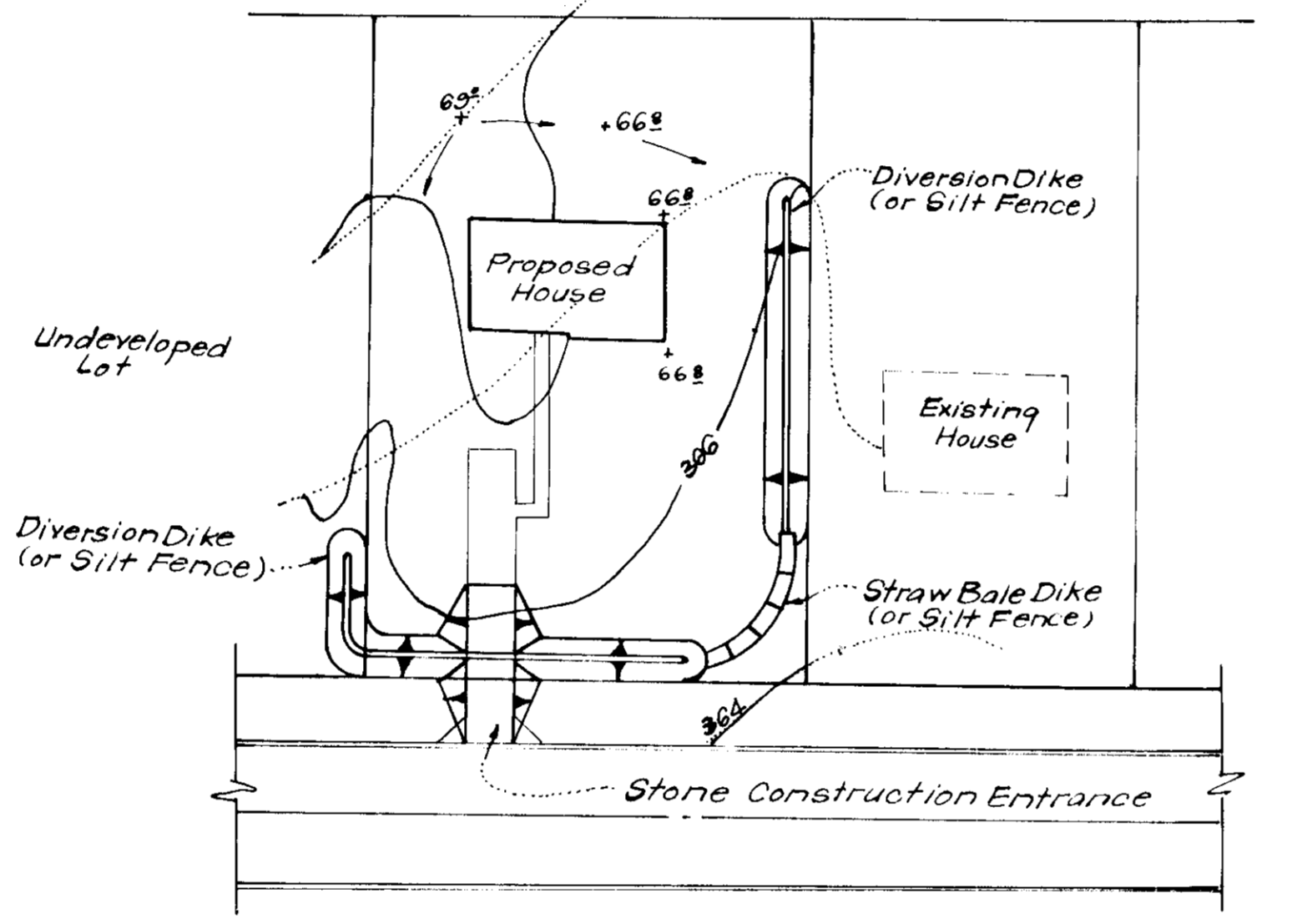


ISOMETRIC VIEW

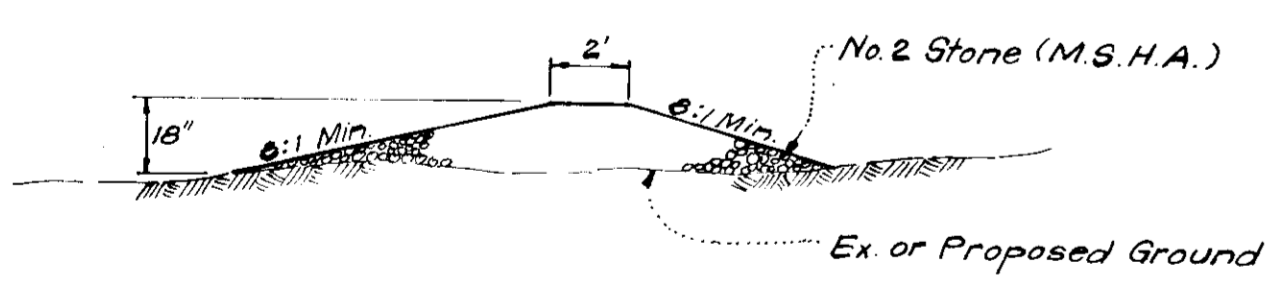


SECTION VIEW

STONE FILTER INLET PROTECTION DETAIL (S.F.I.P.)
 No Scale



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
 No Scale



SECTION VIEW

STONE CONSTRUCTION ENTRANCE DETAIL (S.C.E.)
 No Scale

APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 11-22-78
 JAML

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS,
 HOWARD COUNTY HEALTH DEPARTMENT
 DATE 1-15-79
 APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR DATE 1-1-79
 CHIEF DIVISION OF LAND DEVELOPMENT DATE 1-1-79
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE,
 STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR DATE 1/8/79
 CHIEF BUREAU OF ENGINEERING DATE

Reviewed for Howard S.C.D.
 and meets Technical Requirements
 of the National Engineering Council
 U.S. Soil Conservation Service
 Signature: Robert W. Ziehm
 Date: 12/22/78

DEVELOPER'S CERTIFICATE
 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 also 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 Soil Conservation District.
 Signature: William H. Avery
 Date: 10/17/78

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: 10-17-78



CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED	J.L.S.	SCALE As Shown
DRAWN	K.I.W.	DRAWING 5 of 5
CHECKED	R.J.S.	JOB NO.
DATE	Oct, 1978	FILE NO. 1379 X
SEDIMENT & EROSION CONTROL PLAN LOTS 3 THRU 12 & 33 THRU 43 OWEN BROWN ESTATES SECTION 1 AREA 1 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: AVERY HOMES, INC. 2000 Century Plaza, Suite 445 Columbia, Maryland 21044		
SDP-79-56c		