

NOTE: Use Residential Driveway Entrance, Howard Co. Drawing # D-34, Pg. 89, Except Where Driveway Abuts Modified Combination Curb & Gutter. All materials and construction shall be in accordance with Howard County Road Construction Code.

GENERAL NOTES

- The land included in this plan is zoned New Town (S.F.M.D.)
- The Lots shown on this plan are covered by Final Development Plan Phase 146 recorded in Plot Book 28 Folios 42 to 56.
- All coordinates are based on Maryland State Grid System. Elevations are based on the U.S. Coast and Geodetic Survey Mean Sea Level Datum of 1929.
- The Area covered in this submission is located on Tax Map No. 36.
- The total area included in this plan is 2.910 Acres.
- All roadways shown are public and are existing.
- Any damage to right of way or paving shall be corrected at the Developer's expense.

LEGEND

- Contour Interval 2 Ft.
- Existing Contours 340
- Proposed Contours 340
- Spot Elevations +40.5
- Direction of Drainage
- Yard Requirements:
Front - 30' on 65' Wide Street
20' on 50' Wide Street
Side - 7.5' (Min.)
- Retaining Wall
- Walk Out Basement
- 100 Year Flood Plain Elevations [40.5]*

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

[Signature] DATE 2/20/76

HOWARD COUNTY OFFICE OF PLANNING & ZONING

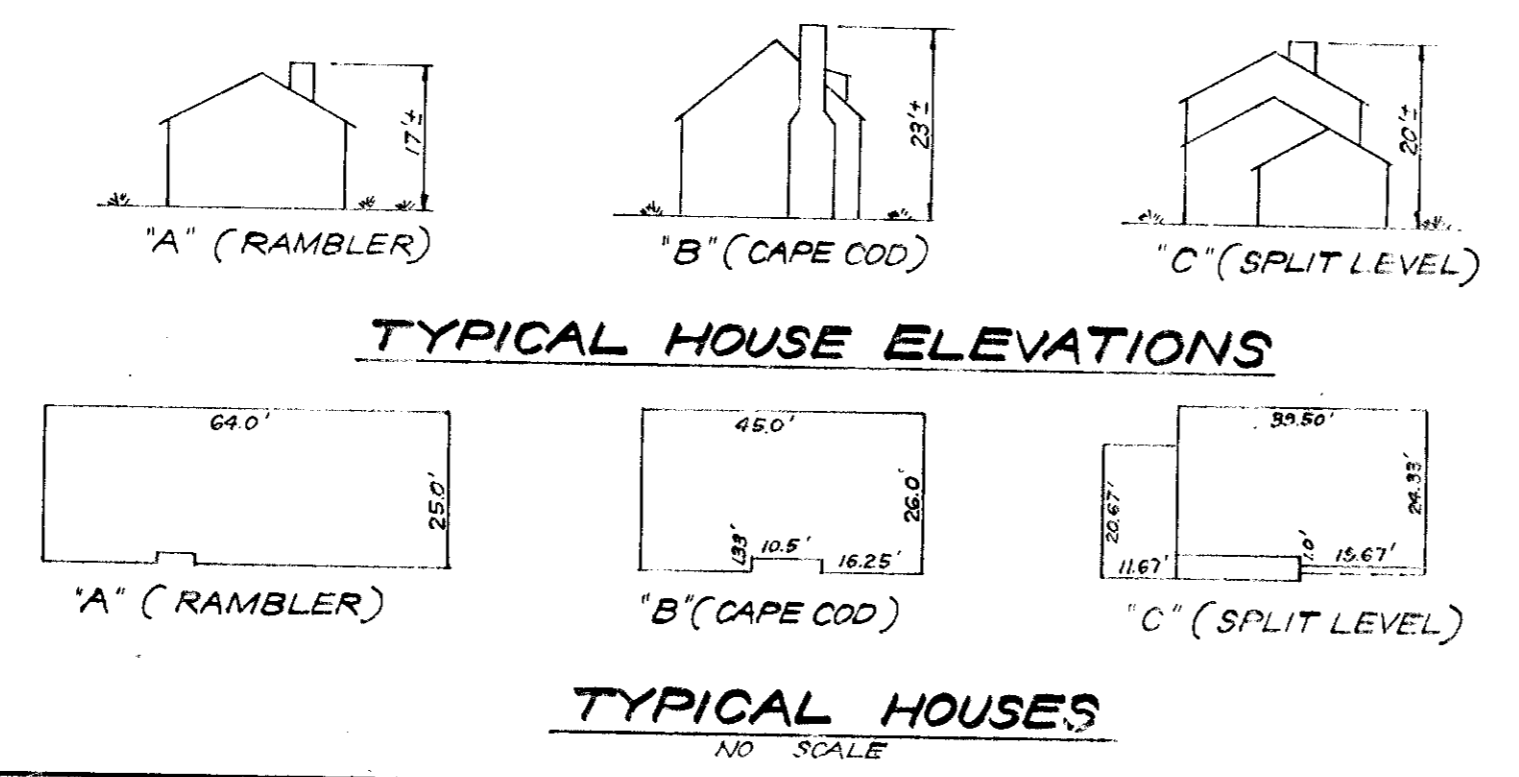
[Signature] DATE 2/27/76

DEVELOPMENT PLANNING

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

[Signature] DATE 2/20/76

[Signature] DATE 2/20/76



APPROVED
DIVISION OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
DATE 1-23-76

[Signature]
Donald B. Sackett

NOTE: For bearings and distances of individual lot lines, see record plat recorded in Plot Book 27, Folio 72.

CLARK • FINEROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

11315 LEEWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 543-3400

DESIGNED BY WRMS DATE 2/20/76

DRAWN BY CCM DATE 2/20/76

CHECKED BY WRMS DATE 2/20/76

DATE Oct, 1975

SITE DEVELOPMENT PLAN
LOTS 219 THRU 228
COLUMBIA
VILLAGE OF OWEN BROWN SECTION 4 AREA 1
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

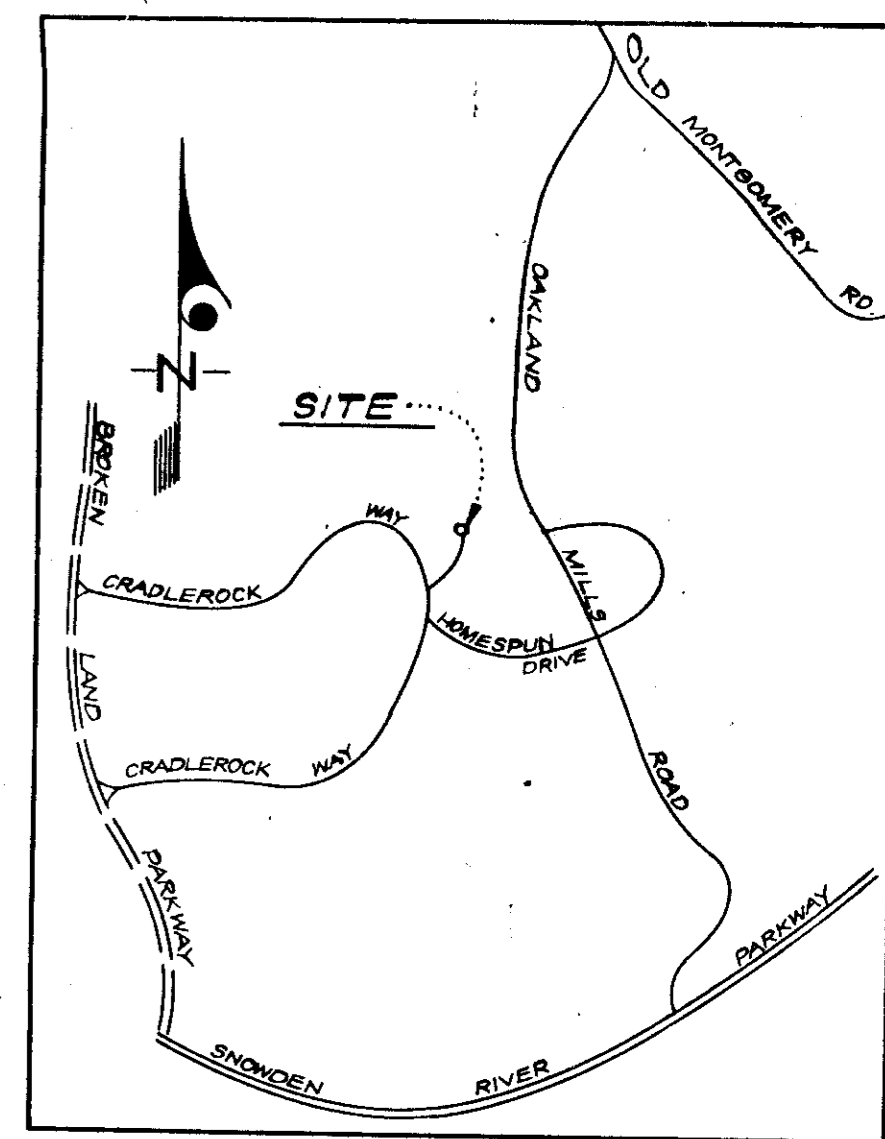
FOR: DEVELOPMENT TECHNOLOGY, INC.
10221 Winocapin Circle
Columbia, Maryland 21043

SCALE 1" = 30'

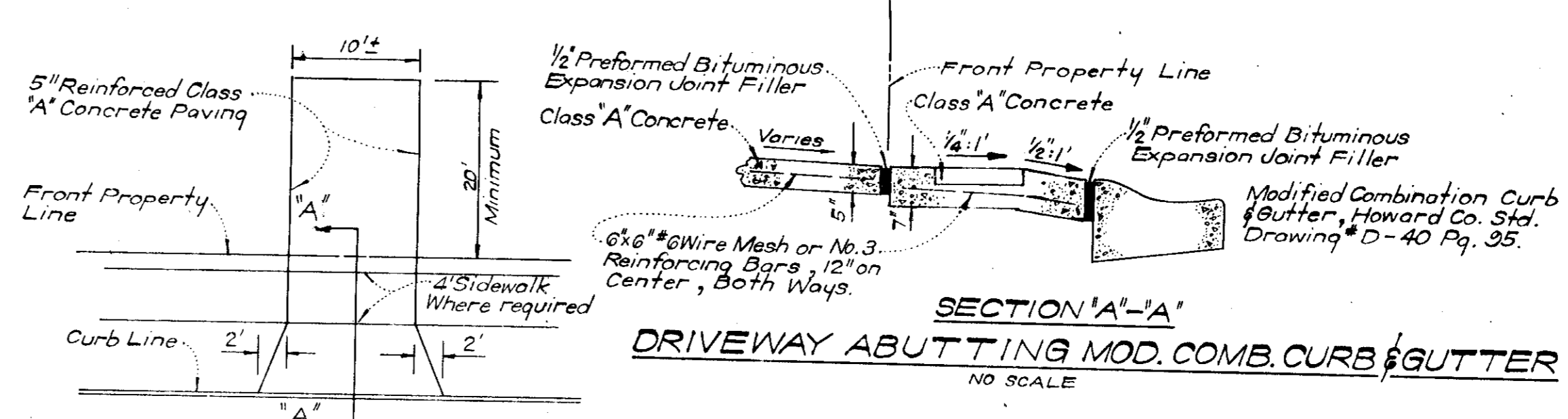
DRAWING 1 OF 3

JOB NO.

FILE NO. 1175-X



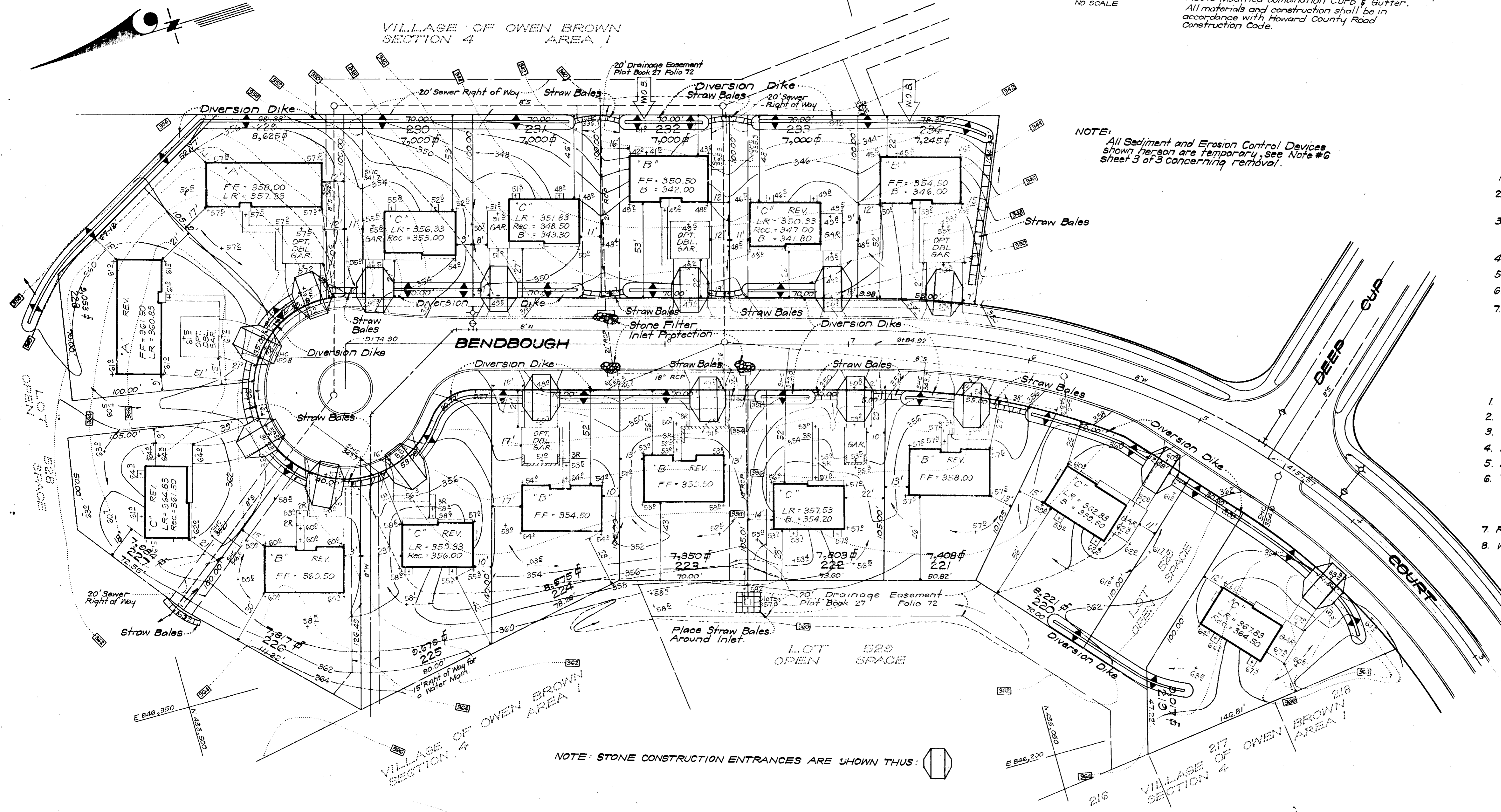
VICINITY MAP
SCALE: 1" = 2000'



SECTION 'A'-A'
DRIVEWAY ABUTTING MOD. COMB. CURB & GUTTER
NO SCALE

NOTE: Use Residential Driveway Entrance, Howard Co. Drawing # D-34 Pg. 89. Except Where Driveway Abuts Modified Combination Curb & Gutter. All materials and construction shall be in accordance with Howard County Road Construction Code.

NOTE: All Sediment and Erosion Control Devices shown hereon are temporary, see Note #6 sheet 3 of 3 concerning removal.



GENERAL NOTES

1. The land included in this plan is zoned New Town (S.F.M.D.)
2. The Lots shown on this plan are covered by Final Development Plan Phase 146 recorded in Plot Book 28 Folios 42 to 56.
3. All coordinates are based on Maryland State Grid System. Elevations are based on the U.S. Coast and Geodetic Survey Mean Sea Level Datum of 1929.
4. The Area covered in this submission is located on Tax Map No. 36.
5. The total area included in this plan is 2.910 Acres.
6. All roadways shown are public and are existing.
7. Any damage to right of way or paving shall be corrected at the Developer's expense.

LEGEND

1. Contour Interval 2 Ft.
2. Existing Contours 340
3. Proposed Contours 340
4. Spot Elevations +40E
5. Direction of Drainage
6. Yard Requirements:
Front - 30' On 65' Wide Street
20' On 50' Wide Street
Side - 7.5' (Min)
7. Retaining Wall
8. Walk Out Basement

NOTE: STONE CONSTRUCTION ENTRANCES ARE SHOWN THIS: [Symbol]

NOTE: For bearings and distances of individual lot lines, see record plat recorded in Plot Book 27 Folio 72.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER
 DATE 2/16/76

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR
 DATE 2/17/76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, PLUMBING, GAS SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DATE 2/10/76

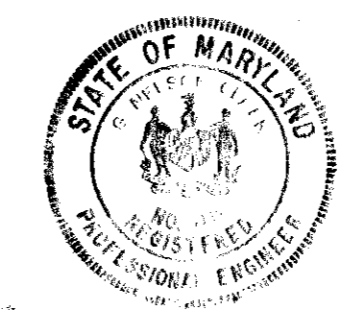
CHIEF BUREAU OF HIGHWAYS
 DATE 2/20/76

HOWARD
 Eric V. Herman 2/17/76

Robert W. Zehm
 APPROVED 2/17/76

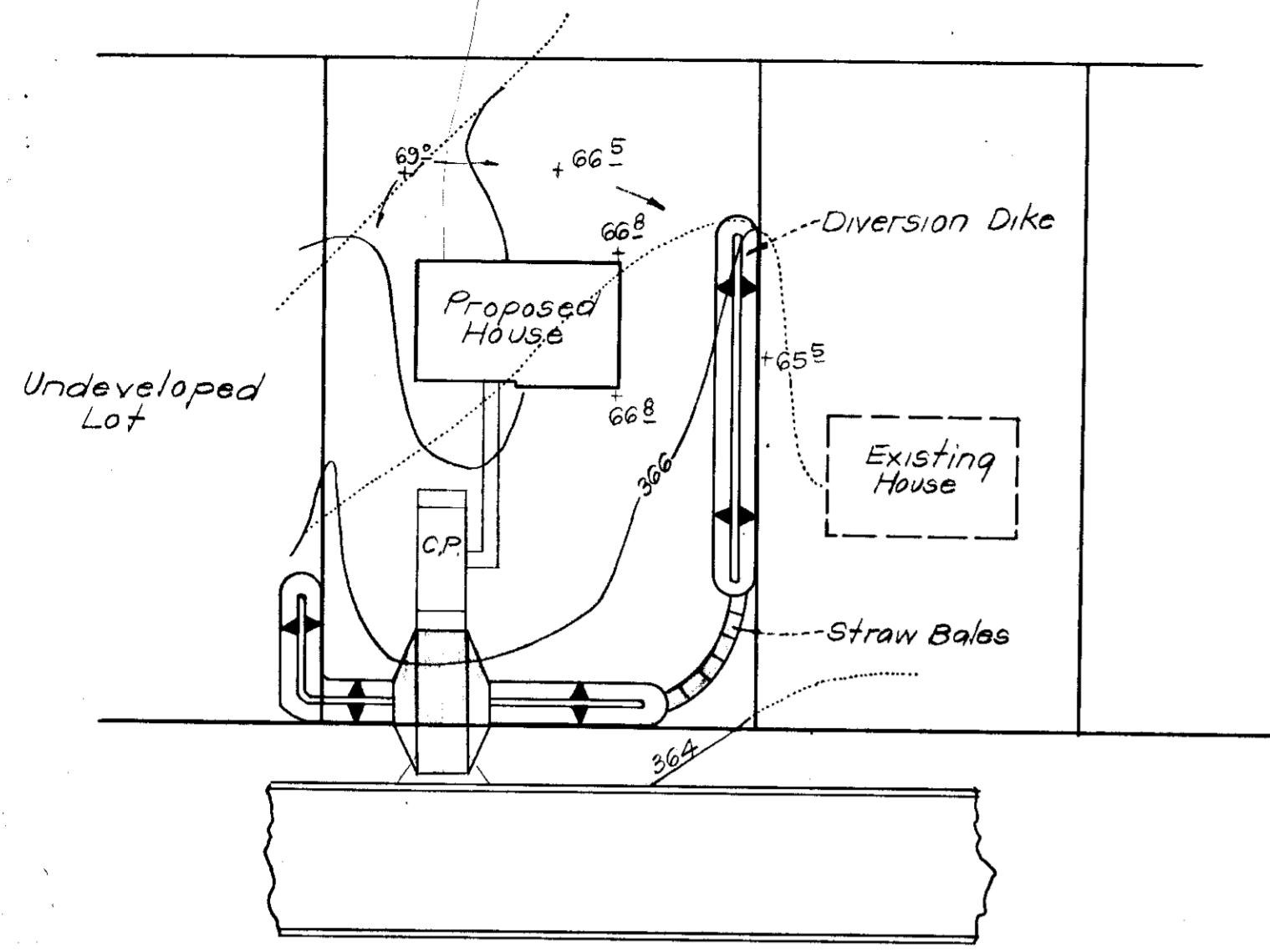
12/12/75
 DATE
 Signature: John L. Spain

12-12-75
 DATE
 Signature: G. Nelson Clark

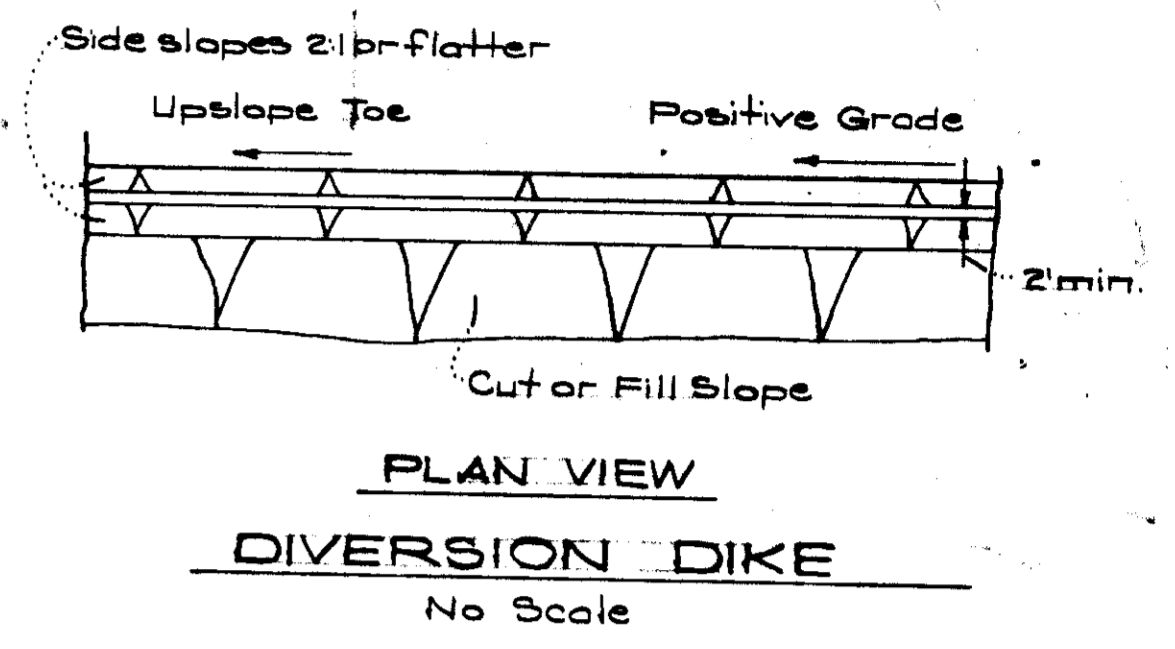
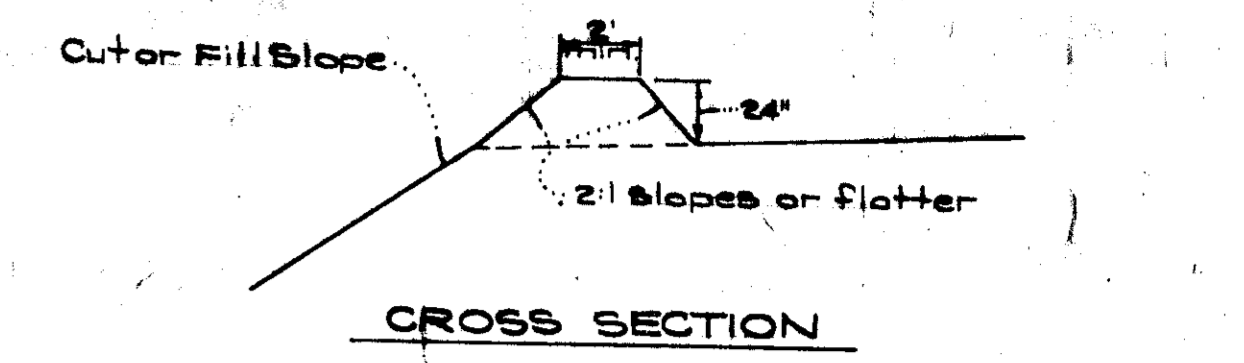
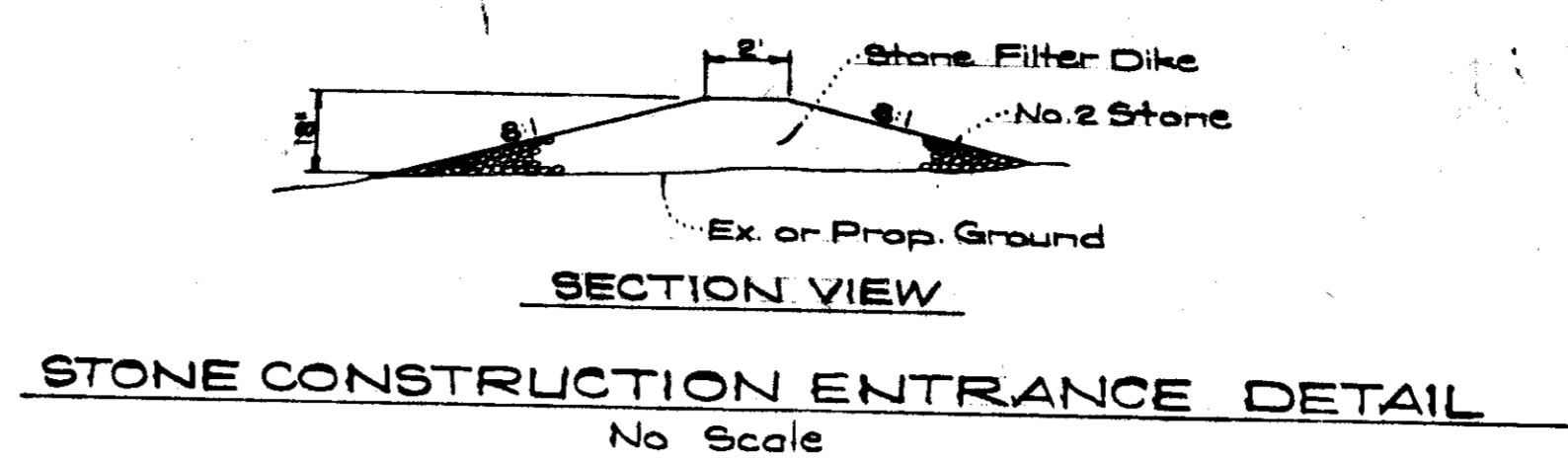


APPROVED
 DIVISION OF LAND DEVELOPMENT
 AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE 1-23-76

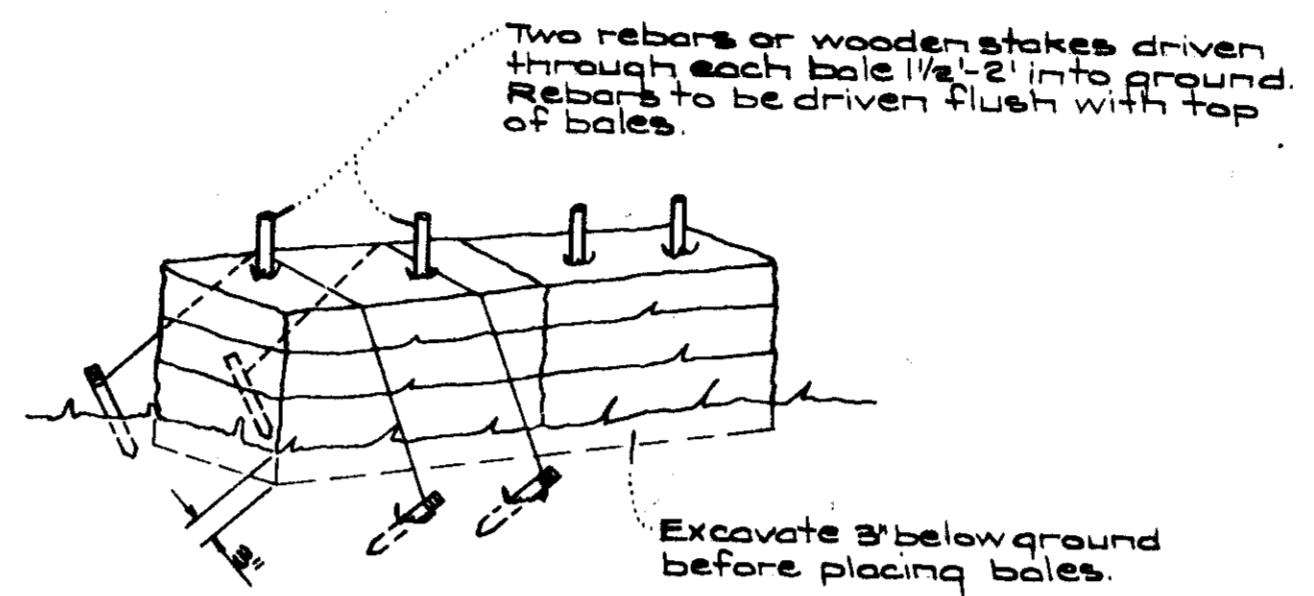
CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400		
DESIGNED CCM DRAWN CCM CHECKED GNC. DATE Oct., 1975	SEDIMENT & EROSION CONTROL PLAN LOTS 219 THRU 234 COLUMBIA VILLAGE OF OWEN BROWN SECTION 4 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND FOR: DEVELOPMENT TECHNOLOGY, INC. 10221 Wincopter Circle Columbia, Maryland 21048	SCALE 1" = 30' DRAWING 2 OF 3 JOB NO. FILE NO. 1171 SE



TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN

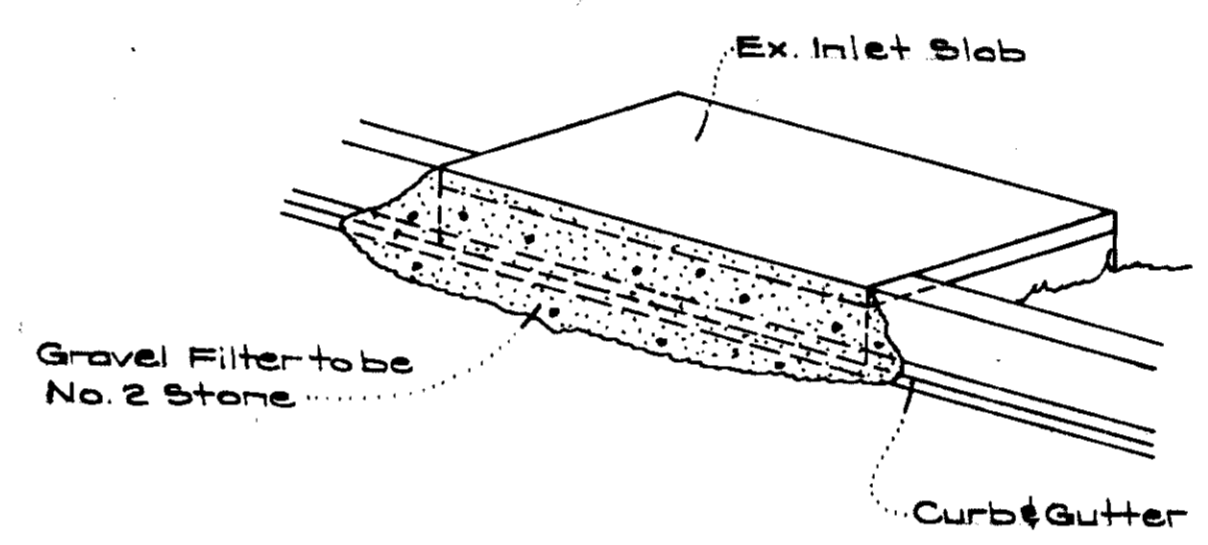


All bales shall be tied with non-weathering material, i.e. wire, nylon.

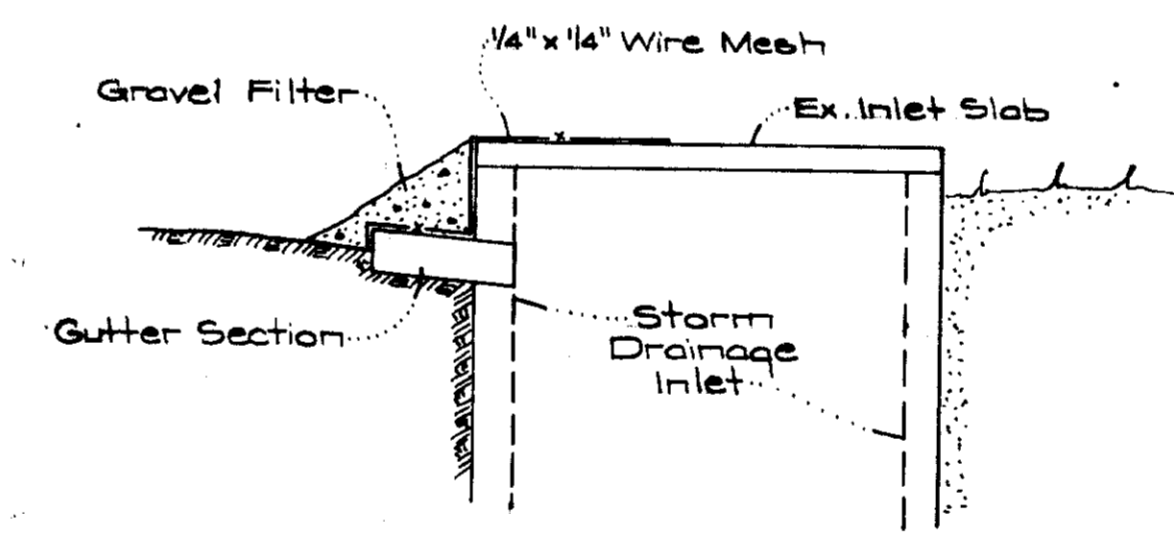


NOTE: In lieu of the use of rebars, each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).

TYPICAL STRAW BALE DETAIL



ISOMETRIC VIEW



SECTION VIEW
STONE FILTER INLET PROTECTION DETAIL
No Scale

GENERAL NOTES

- 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 #5 for stabilization except that the seed mixture will be Kentucky 31 applied at the rate of 14 lbs/1000 sq ft.
- Notify the Howard Soil Conservation District and 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 Urbanizing Areas and shall be adjusted to meet actual field conditions.
- Stabilization of disturbed ground to be done as soon after construction as possible.
- All graded areas shall be treated in accordance with the following specifications:
 - Seed - certified 85% germination applied at the rate of 2 lbs/1000 sq ft mixture - 40% Kentucky Blue, 20% Oenothera, 20% Kentucky 31, and 20% Annual Ryegrass.
 - Fertilizer - 5-10-10 applied at the rate of 23 lbs/1000 sq ft. Ground agricultural lime or dolomitic lime applied at the rate of 42 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 Howard Soil Conservation District, phone 465-3180 or 465-5000, ext. 328.
- On site inspection and maintenance of all sediment control measures including cleanout 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 bales, diversion dikes.
- Site Analysis:

Total Area:	2.91 Ac.
Area To Be Roofed:	0.38 Ac.
Area To Be Paved:	0.11 Ac.
Area To Be Seeded:	2.59 Ac.
Area Undisturbed:	0.03 Ac.
- The Contractor shall keep all public roads free of sediment deposits left from heavy truck traffic leaving construction site.
- Stone filterdikes shall be constructed at all construction entrances.
- CONSTRUCTION SEQUENCE
 - Lots are to be constructed on an "As Spd" basis:
 - Utilizing Single lot sediment control plan as shown on this sheet or
 - On a "Bulk Parcel" basis as shown on sheet 2.
 - It will be the Developer's responsibility to provide additional Sediment & Erosion Control Devices to protect previously constructed lots while proceeding with new construction for either (1) or (2) above.
 - Install Sediment & Erosion Control measures as shown on sheets 2 or 3.
 - Excavate for building footings and rough grade.
 - Construct buildings, carports, driveways and sidewalks.
 - Final grade and stabilize in accordance with General Note #15.

NOTE: Total Amount of Straw Bales shown = 300 Ft.

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 COUNTY HEALTH OFFICER *[Signature]* DATE 2/20/76

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING and meets Technical Requirements
 PLANNING DIRECTOR *[Signature]* DATE 2/27/76

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR *[Signature]* DATE 2/20/76

CHIEF, BUREAU OF HIGHWAYS
[Signature] DATE 2/20/76

Reviewed for HOWARD Name S.C.D.
 and meets Technical Requirements
 U.S. Soil Conservation Service
 Signature *[Signature]* Date 2/17/76

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

APPROVED: *[Signature]* DATE: 2/17/76

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 authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as deemed necessary. Deviation from the plan will not be made unless authorized by the Howard Soil Conservation District.

12/12/75 Date *[Signature]*

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.

12-12-75 Date *[Signature]* G. Nelson Clark



APPROVED
 DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
 HOWARD COUNTY, MARYLAND
 DATE 1-23-76

CLARK • FINEBROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11515 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 985-3400	
DESIGNED	SEDIMENT & EROSION CONTROL PLAN LOTS 219 THRU 234 COLUMBIA VILLAGE OF OWEN BROWN SECTION 4 AREA 1 6TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
DRAWN	Suzan
CHECKED	G.N.C.
DATE	Dec, 1975
FILE NO.	1171 SE
SCALE	As Shown
DRAWING	3 OF 3
JOB NO.	
FILE NO.	1171 SE

FOR: DEVELOPMENT TECHNOLOGY, Inc.
 10221 Wincopin Circle
 Columbia, Maryland 21043