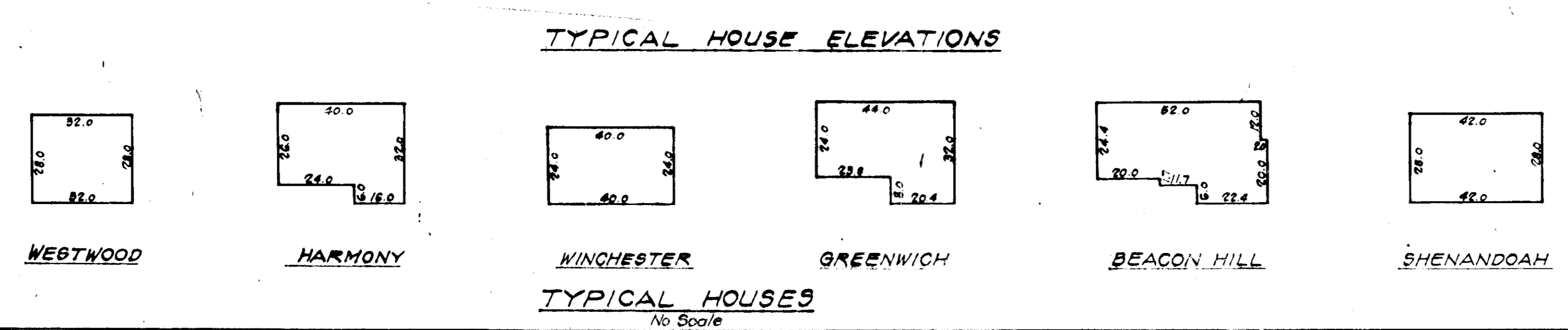
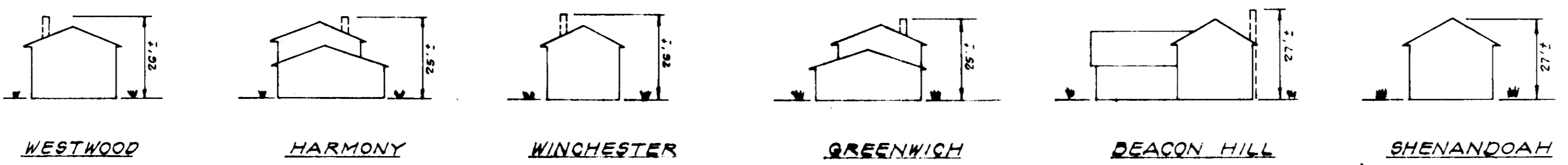
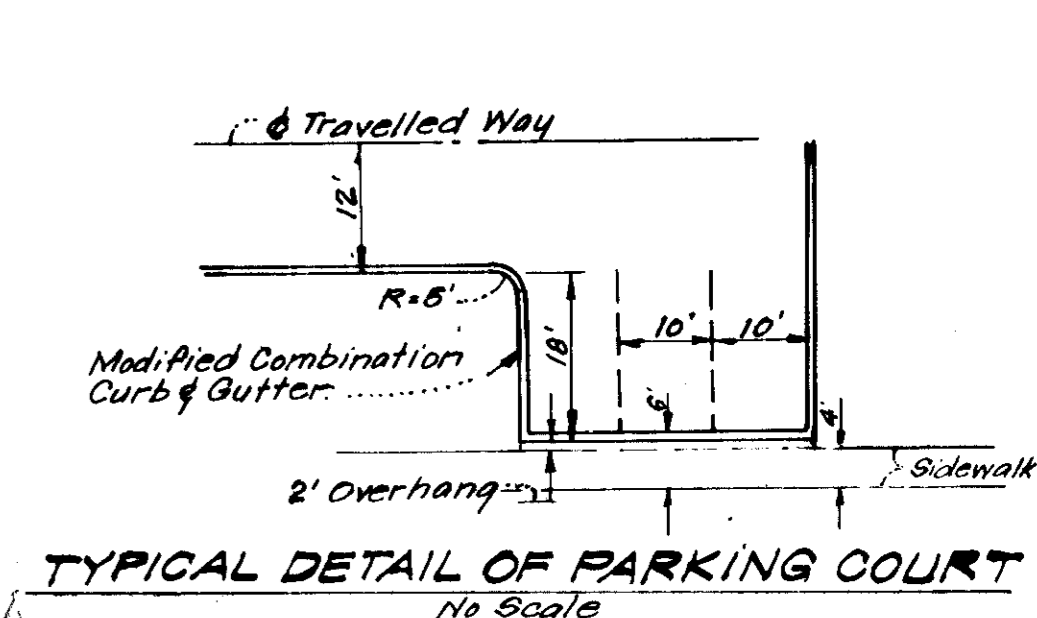
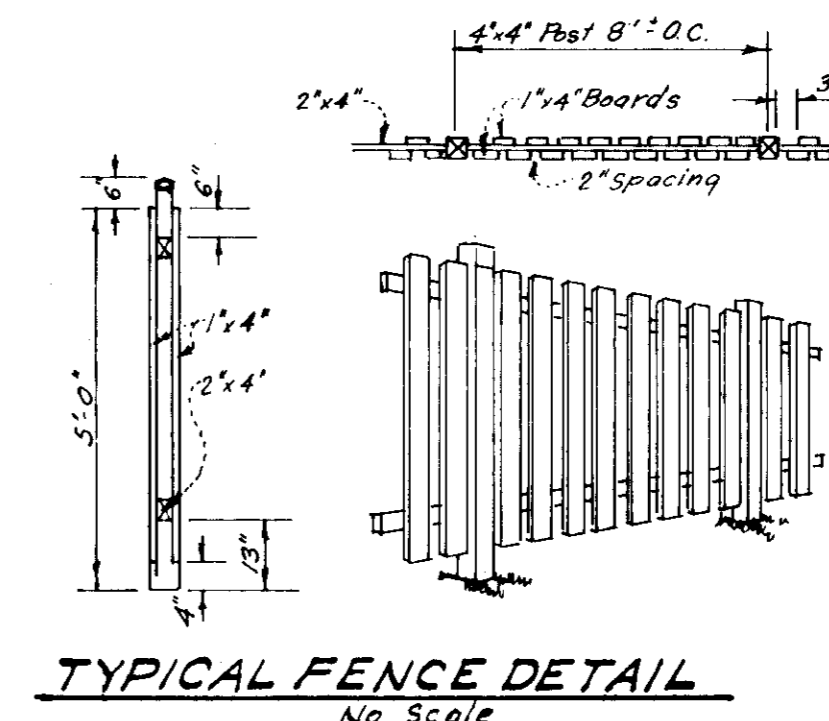


- LEGEND**
- Contour Interval 2 Ft
 - Existing Contours --- 430 ---
 - Proposed Contours --- 430 ---
 - Spot Elevations +26 1/2
 - Direction of Drainage →
 - Screen Fence Location [Symbol]

- GENERAL NOTES**
- The land included in this plan is zoned New Town (C.F.M.D.).
 - The Lots shown on this plan are covered by Final Development Plan Phase 100-A recorded in Plat Book 20 Folios 149 to 157.
 - All coordinates are based on Maryland State Grid System. Elevations are based on the U.S. Coast and Geodetic Survey Mean Sea Level Datum 1929.
 - The Area covered in this submission is located on Tax Map No 35.
 - The total Area included in this plan is 1.751 Acres.
 - Public Water and Sewer to be utilized.
 - 24 foot Driveways, Carports and Parking Spaces are to be privately owned and maintained.
 - All public facilities shown are existing, i.e. roads, storm drain lines, water and sewer lines and easements. Sidewalk shown on Sunny Spring was taken from the approved Construction Plans.
 - Recording Reference: Lots B-1 thru B-9 were recorded in Plat # 3567.
 - Parking Spaces Required: 16
Parking Spaces Provided: 22

NO.	REVISION	DATE
1	Revised Grading of Lots B-2 & B-5	8-31-77
2	Revised House Type & grading of Lot B-6	9-12-77



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

Joyce W. Longman 10-7-77 DATE

HEALTH OFFICER

APPROVED FOR PLANNING AND ZONING

William A. ... 10/11/77 DATE

PLANNING DIRECTOR

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS AND PUBLIC ROADS

Annelle M. ... 10-4-77 DATE

ENGINEER

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS AND PUBLIC ROADS

Annelle M. ... 10/4/77 DATE

ENGINEER

9-14-77

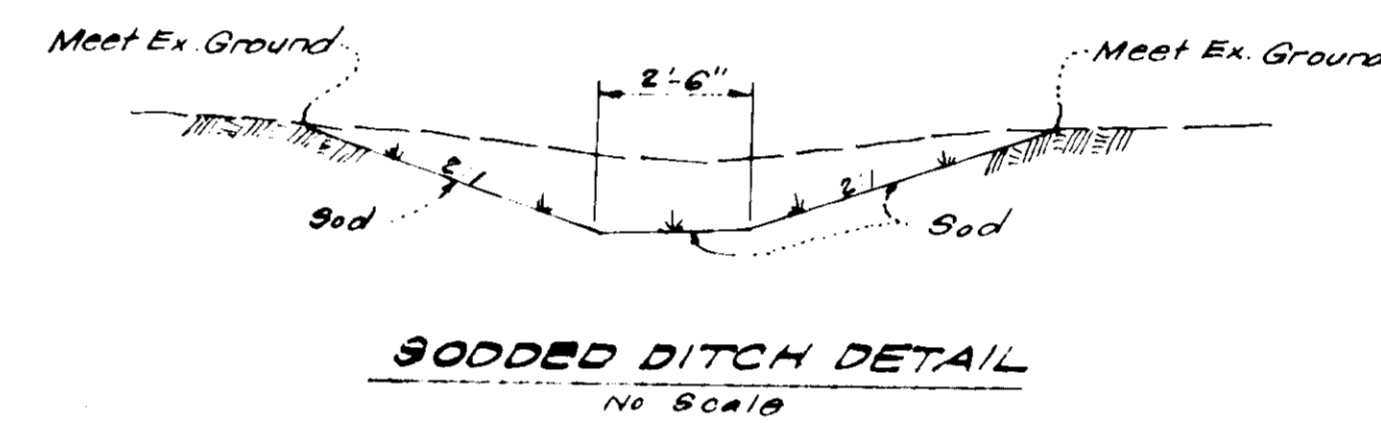
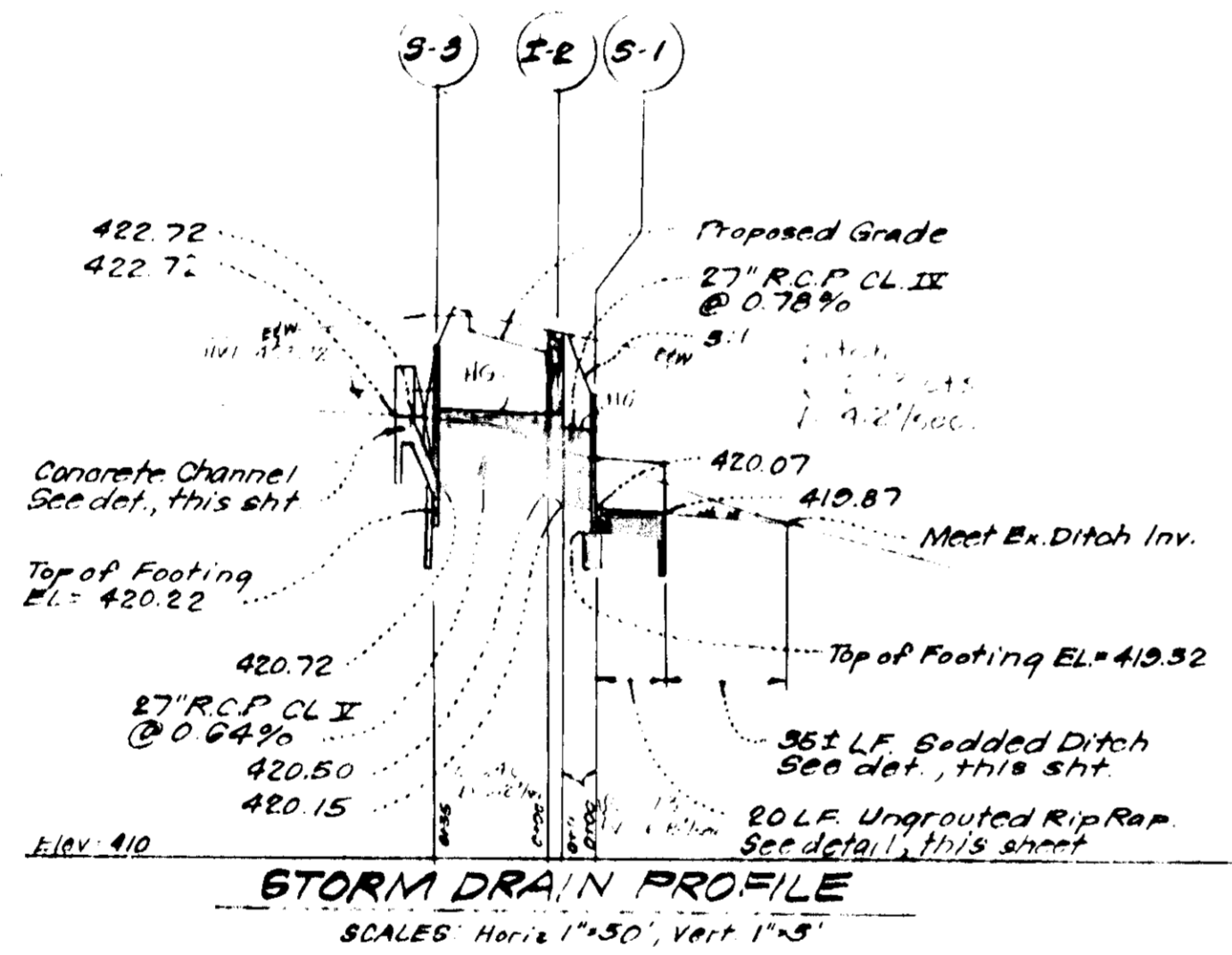
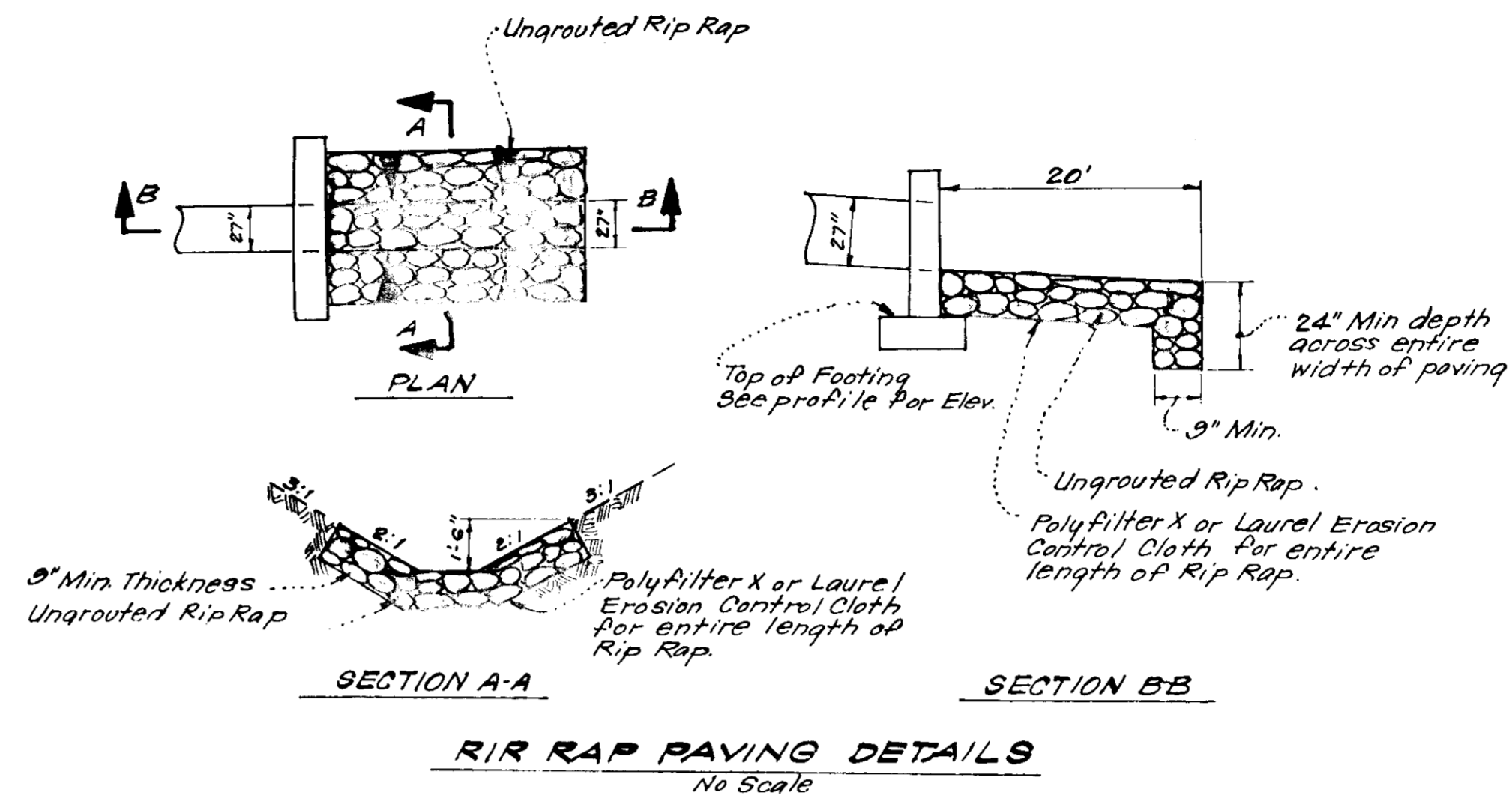
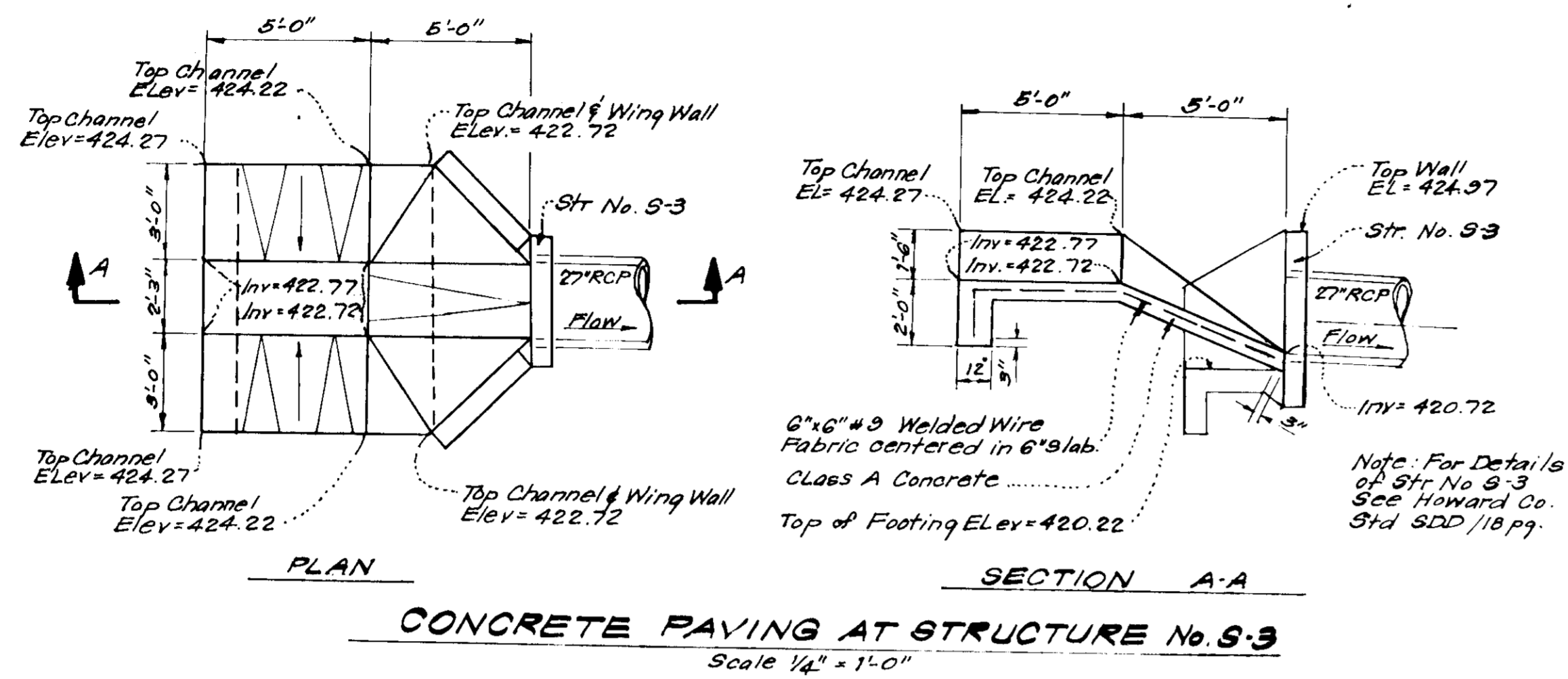
CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

11315 L OAKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED W.R.M.S.	SITE DEVELOPMENT PLAN LOTS B-1 THRU B-9 COLUMBIA THE VILLAGE OF HICKORY RIDGE SECTION 1 AREA I 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE 1" = 30'
DRAWN K.W.C./S.D.		DRAWING 10F-4
CHECKED W.R.M.S.		JOB NO.
DATE June, 1977		FOR: J.D. EVANS, Inc. 5391 Lighthouse Court Columbia, Maryland 21044

Ronald P. Sackett

SDP-77-111c



- GENERAL SODDING NOTES**
1. Apply 10-10-10 Fertilizer @ 1000# per acre (25#/1000#)
 2. Apply Ground Agricultural Limestone @ 2000# per acre (50#/1000#)
 3. Incorporate both Lime & Fertilizer into soil by discing. Firm up after incorporation.
 4. Lay Sod to a tight fit to insure contact with underlying soil. Water as necessary for 1st two weeks (in summer) to insure establishment.

STRUCTURE SCHEDULE				
No.	TYPE	TOP ELEVATION	REMARKS	INVERTS
				IN. OUT.
S-1	C-Endwall		Howard Co Std D-52, Pg 107	420.70 420.70
E-2	A-10 Inlet	425.1	Howard Co Std D-6A, Pg 110-A	420.50 420.15
S-3	A-Headwall		Howard Co Std D-51P-1B	420.72 420.72

* Increase H dimension by 3" to allow for Rip Rap Construction
* Increase H & U dimension by 6" to allow for Concrete Paving & Rip Rap Construction.

PIPE SCHEDULE		
SIZE	TYPE	LENGTH
27"	RCP, Class III	114 LF
27"	RCP, Class III	36 LF

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE
BY THE HOWARD COUNTY HEALTH DEPARTMENT

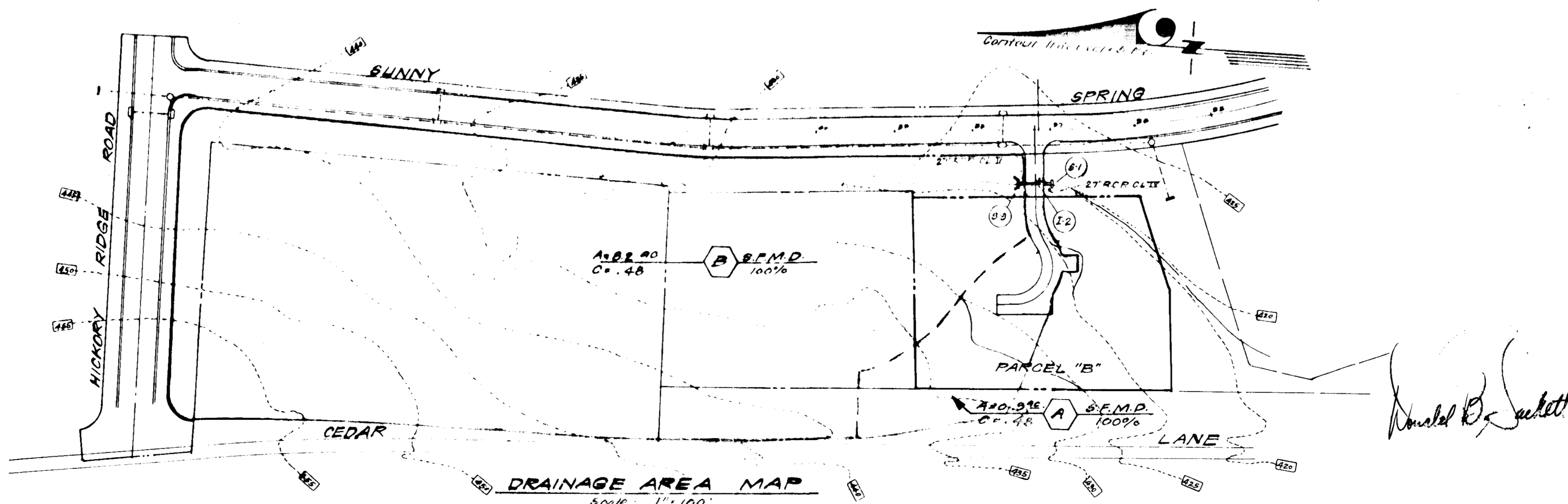
Joyan Brylan 10-7-77
DATE

HOWARD COUNTY OFFICE OF PLANNING & ZONING

[Signature] 10/10/77
DATE

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

[Signature] 10/10/77
DATE



APPROVED
PLANNING BOARD
OF HOWARD COUNTY
DATE 9-14-77

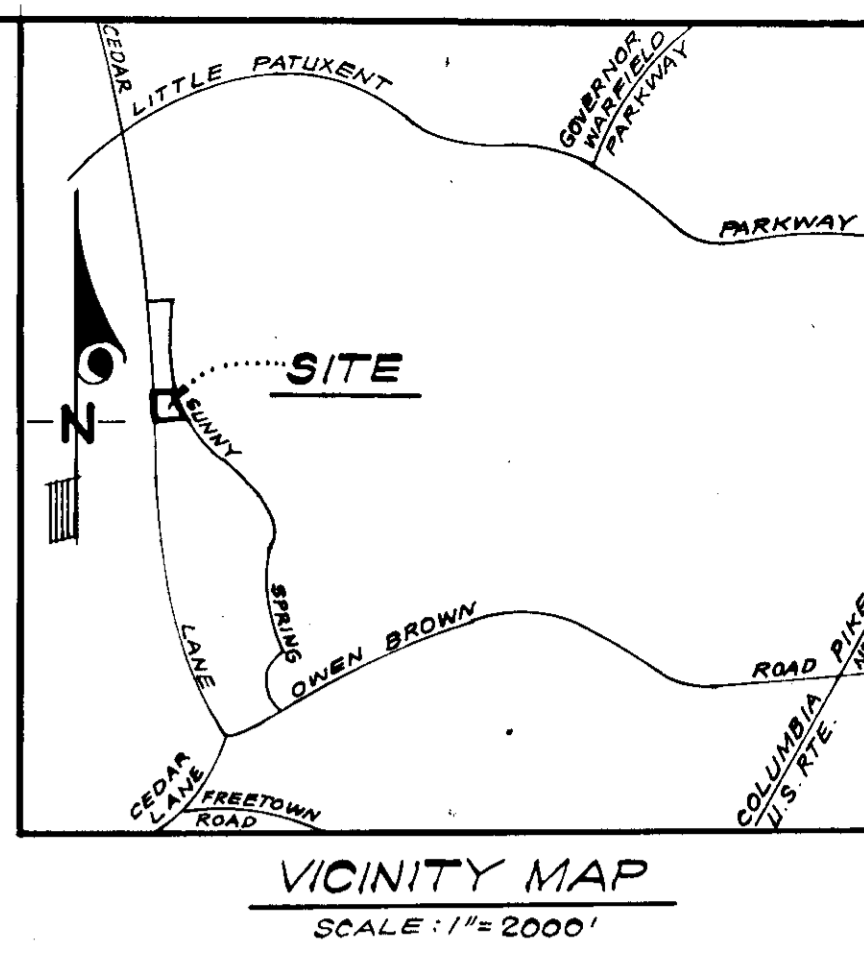
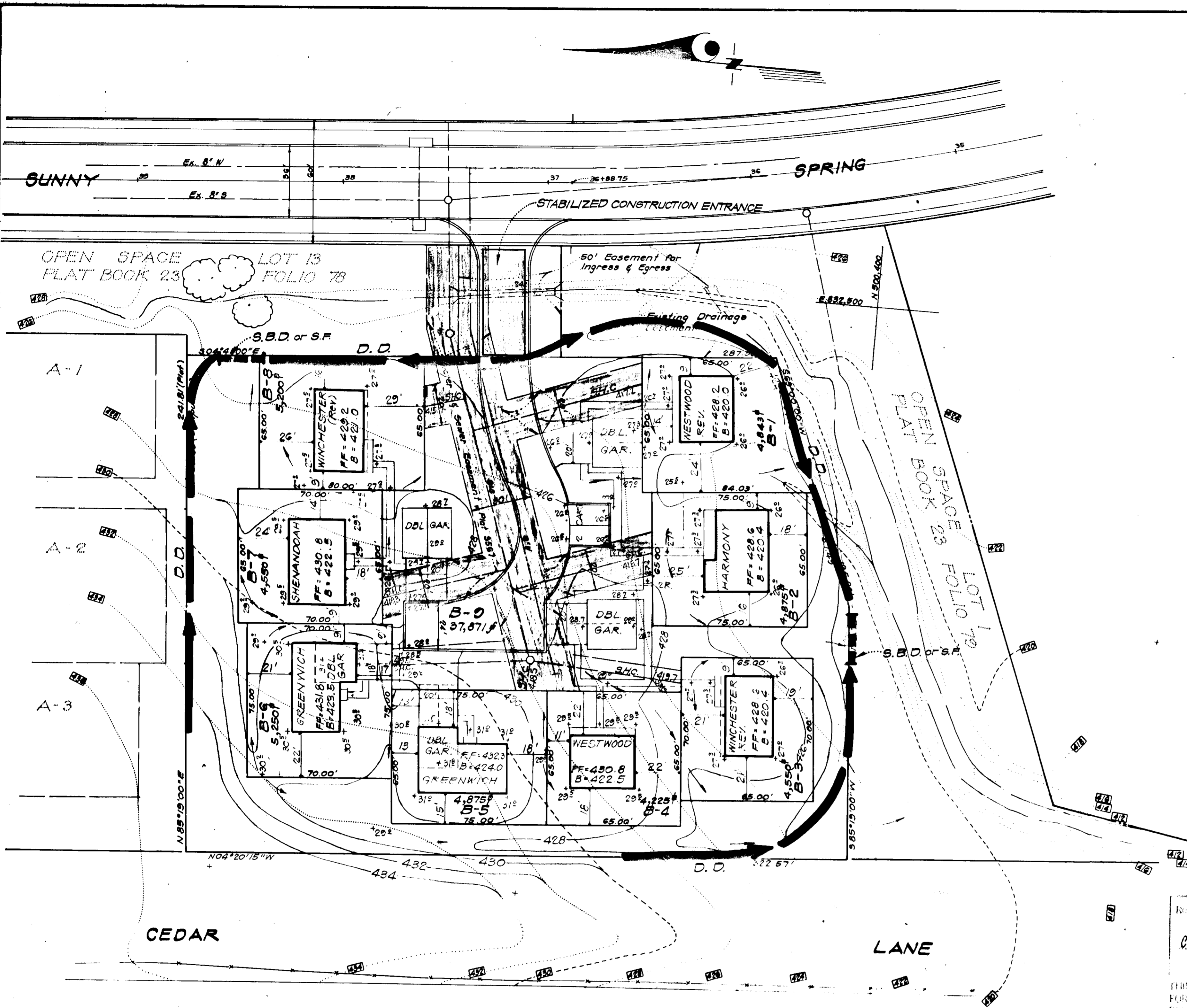
CLARK • FINEFROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS
11515 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-4400

DESIGNED: D.A.B. SITE DEVELOPMENT PLAN
DRAWING: DRAINAGE AREA MAP, PROFILE & DETAILS
SCALE: As Shown

DRAWN: K.I.W. COLUMBIA
CHECKED: R.J.S. VILLAGE OF HICKORY RIDGE
DATE: Aug, 1977 SECTION I AREA 5
FOR: J.D. EVANS, Inc. 54th ELECTION DISTRICT
5301 Lighthouse Ct. HOWARD COUNTY, MARYLAND
Columbia, Maryland, 21044

FILE NO.: 1276-X

SDP-77-IIIc



- LEGEND**
1. Contour Interval 2 Ft
 2. Existing Contours 430
 3. Proposed Contours 430
 4. Spot Elevations +26.3
 5. Direction of Drainage

- 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 100-A recorded in Plat Book 20 Folios 149 to 157.
 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 1929.
 4. The Area covered in this submission is located on Tax Map No. 35.
 5. The total Area included in this plan is 1.751 Acres.
 6. Public Water and Sewer to be utilized.
 7. 24 foot Driveways, Carports and Parking Spaces are to be privately owned and maintained.
 8. All public facilities shown are existing, i.e. roads, storm drain lines, water and sewer lines and easements. Sidewalk shown on Sunny Spring was taken from the approved Construction Plans.
 9. Recording Reference: Lots B-1 thru B-9 were recorded in Plat # 3567.

Reviewed for **HOWARD COUNTY** S.C.D. Name and meets Technical Requirements
C. Wayne Key 9/30/77
 1750 East Congress Street
 Prince Georges, Virginia

THIS DEVELOPMENT PLAN IS A FINAL PLAN FOR THE EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY CONSERVATION DISTRICT.

John D. Mayo 9-30-77
 APPROVED DATE

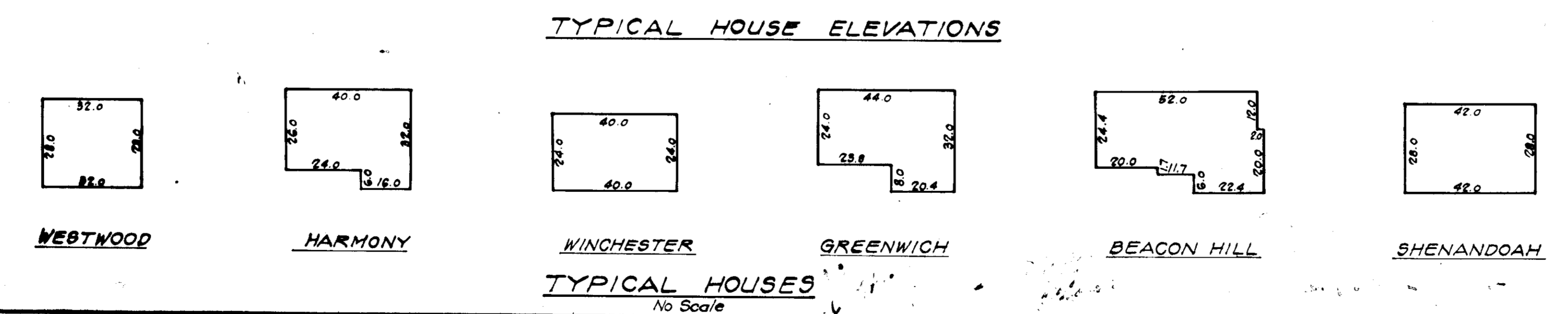
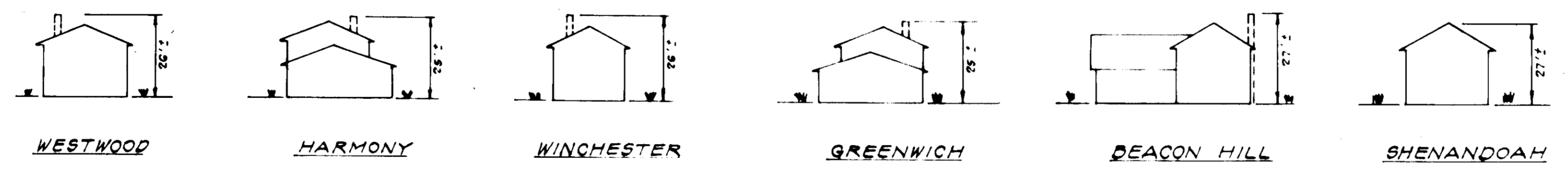
DEVELOPER'S CERTIFICATE
 I hereby certify that all development and construction will be done according to the plan of development and plan for Erosion and Sediment Control. For a substantive period of the inspection by the Howard County Conservation District of the approved plan as are deemed necessary. I understand that this will not be made a condition of approval by the Howard County Conservation District.

J.R. Evans 8/1/77
 SIGNATURE DATE

ENGINEER'S CERTIFICATE
 I hereby certify that this plan, Erosion and Sediment Control, meets the requirements of the Howard County Conservation District. I understand that this will not be made a condition of approval by the Howard County Conservation District.

N. Clark 6-2-77
 SIGNATURE DATE

APPROVED
 PLANNING BOARD
 OF HOWARD COUNTY
 DATE 9-14-77



APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
John D. Mayo 11-7-77
 COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
John D. Mayo 11/1/77
 PLANNING DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John D. Mayo 10-27-77
 DIRECTOR DATE

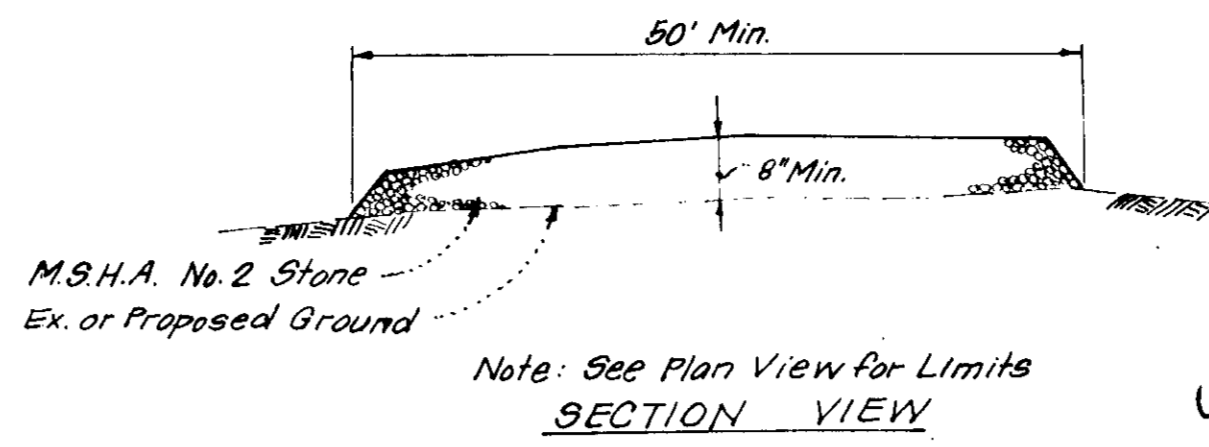
CLARK • FINEROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS
 11315 LICKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 593-3400

DESIGNED C.M. SCALE 1"=30'
 DRAWN KWC/BB. DRAWING 3 OF 4
 CHECKED W/R/M.P. JOB NO.
 DATE FOR: J.D. EVANS, Inc. FILE NO. 1247 SE
 June, 1977 5391 Lighthouse Court
 Columbia, Maryland 21044

SDP-77-111c ALSO SEE 1276-X

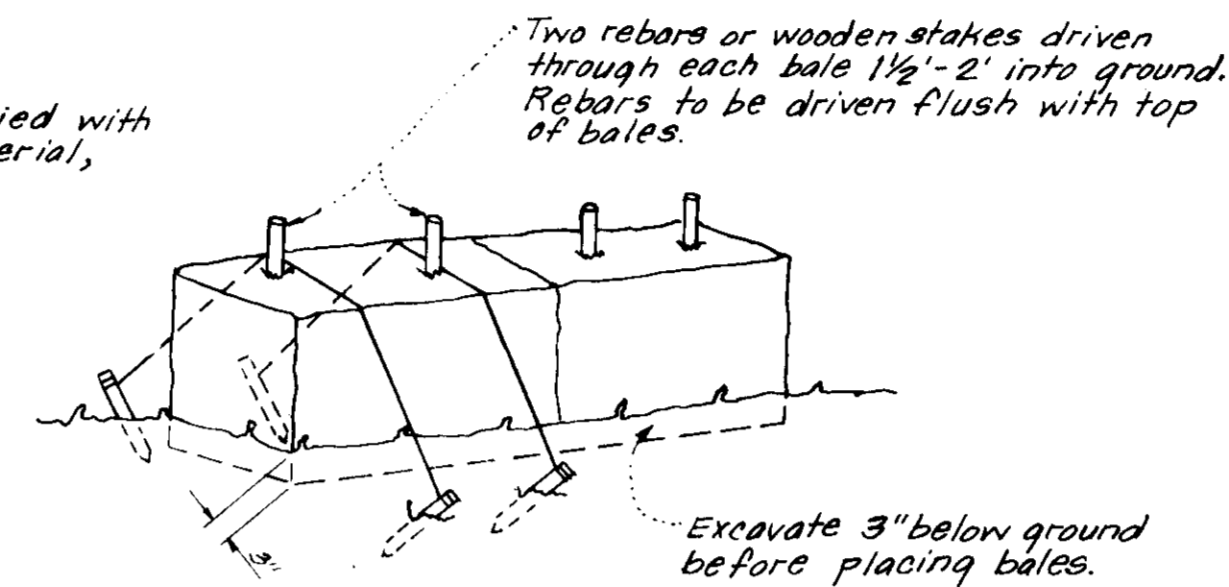
GENERAL NOTES

- 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 annual rye applied at the rate of 1.4 lbs / 1000 sq. ft.
- Notify the Bureau of Inspections and Permits at least 24 hrs 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 3lbs/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 23lbs/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 70lbs/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 cleanup 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, etc.
- Site Analysis:
 - Total Area: 1.80 Ac
 - Area to be Roofed: 0.20 Ac
 - Area to be Paved: 0.11 Ac
 - Area to be Seeded: 1.38 Ac
 - Area Undisturbed: 0.08 Ac
- The Contractor shall keep all public roads free of sediment deposits left from traffic leaving construction site.
- Stabilized Construction Entrances shall be constructed at all construction entrances.
- CONSTRUCTION SEQUENCE:
 - Install Sediment and Erosion Control Devices and stabilize Diversion Dikes.
 - Excavate for foundations and rough grade.
 - Erect Structures, drive ways and sidewalks.
 - Final grade and stabilize in accordance with General Note #5.
- 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 and Erosion Control Devices to protect stabilized areas during construction.
- Total Amount of Straw Bales shown = 45 L.F.



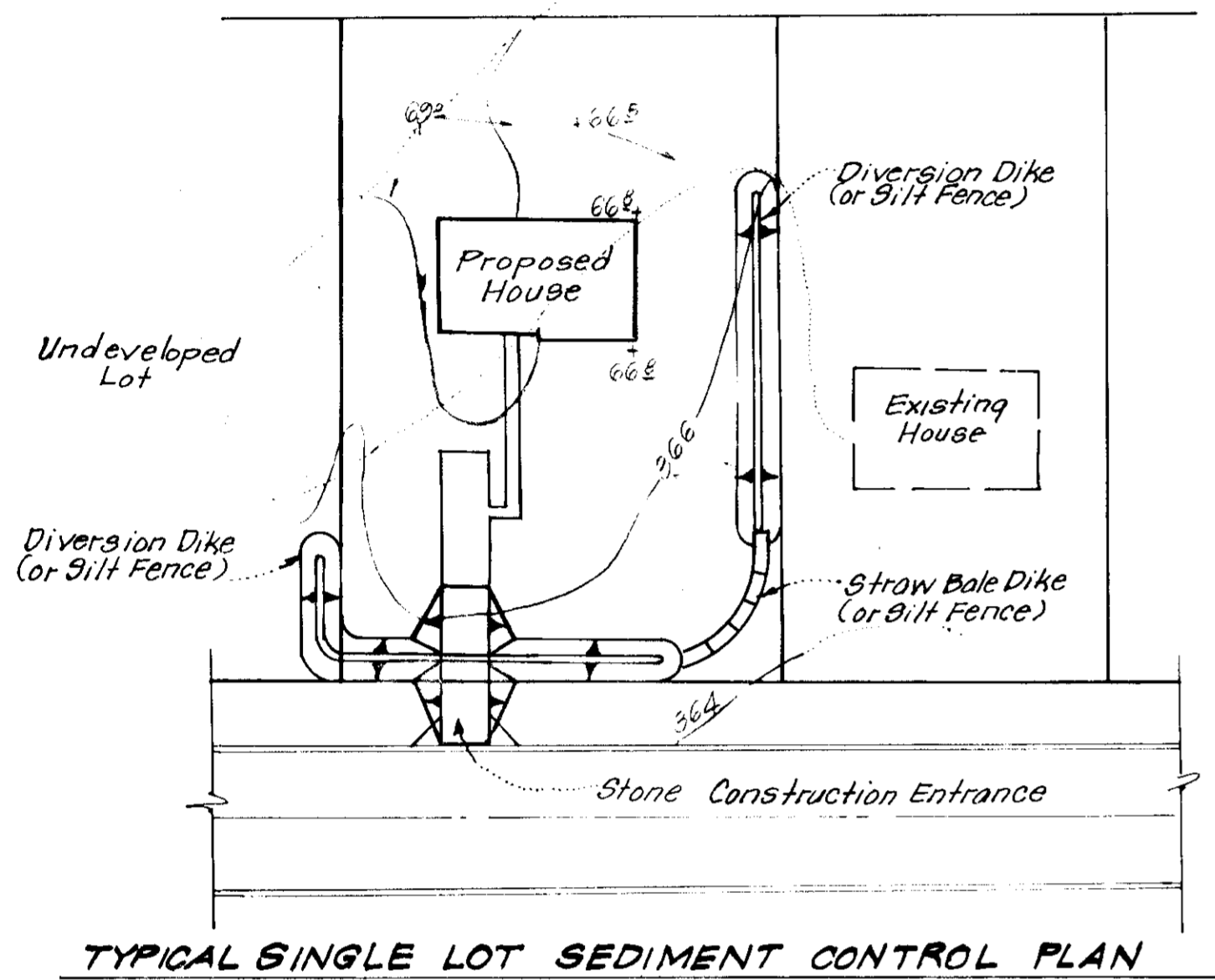
STABILIZED CONSTRUCTION ENTRANCE DETAIL
No Scale

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

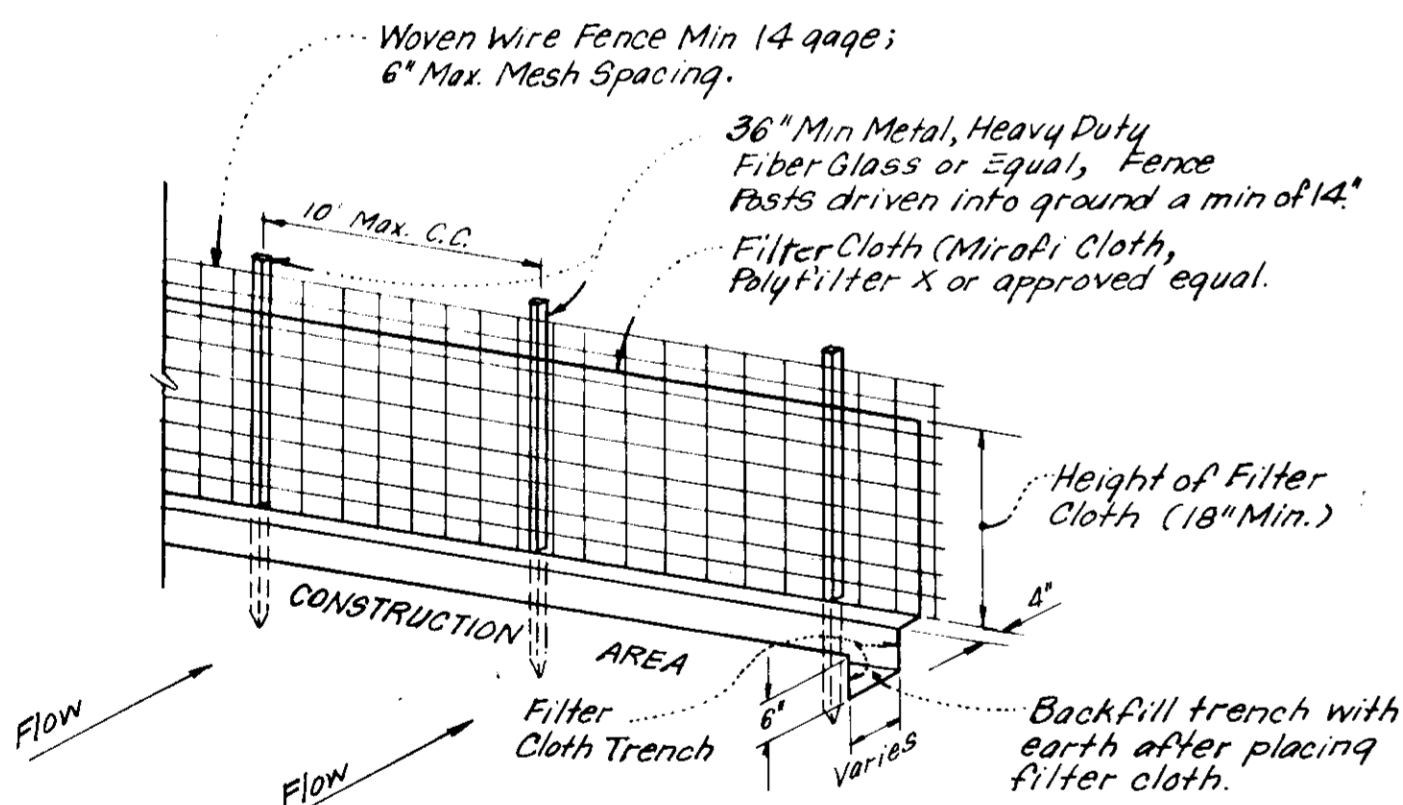


Note: In lieu of the use of rebars each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above.)

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

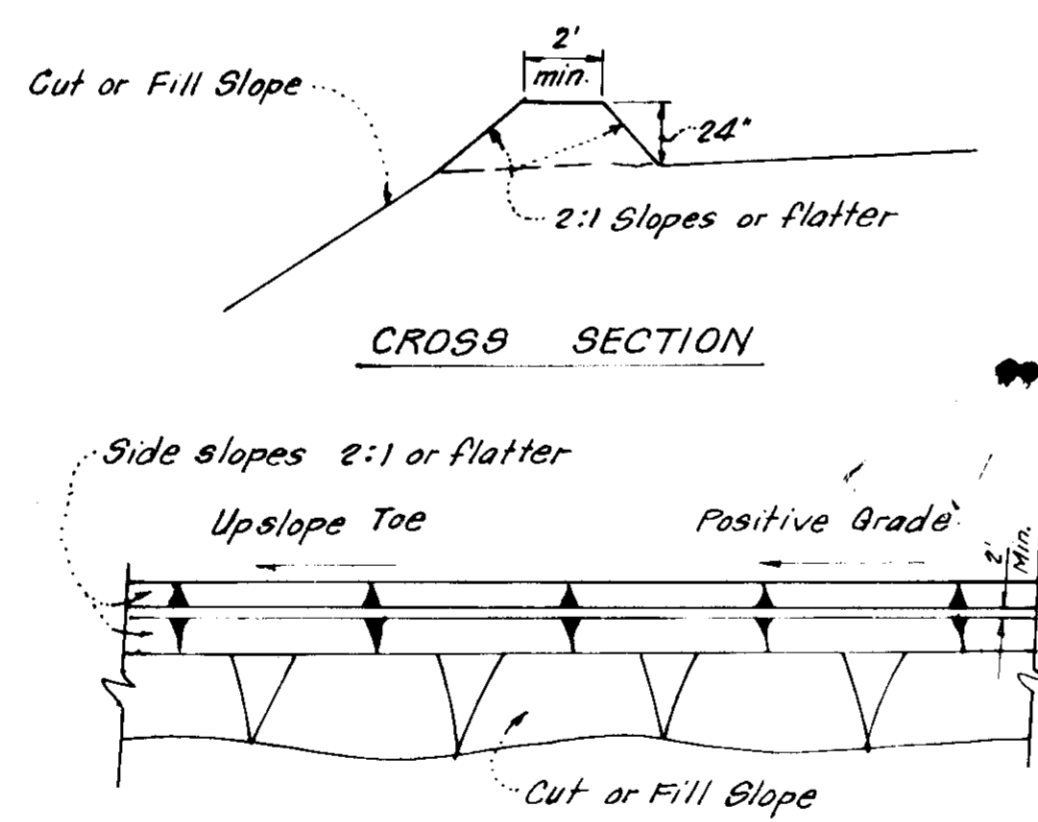


TYPICAL SINGLE LOT SEDIMENT CONTROL PLAN
No Scale



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

SILT FENCE DETAIL
NO SCALE



PLAN VIEW DIVERSION DIKE (DD)
No Scale

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT.
 COUNTY HEALTH OFFICER: [Signature] DATE: 11-7-77
 APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 PLANNING DIRECTOR: [Signature] DATE: 10/11/77
 CHIEF, DIVISION OF LAND DEVELOPMENT: [Signature] DATE: [Blank]
 APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE STORM DRAINAGE SYSTEMS & PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR: [Signature] DATE: 11/21/77
 CHIEF, BUREAU OF HIGHWAYS: [Signature] DATE: [Blank]

Reviewed for HOWARD S.C.D. Name: [Blank] and meets Technical Requirements
 Signature: C. Wayne Key Date: 9-30-77
 U.S. Soil Conservation Service

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

John D. Myers 9-30-77 Approved Date

[Signature] 8/1/77 Signature Date

[Signature] 6-21-77 Signature Date

APPROVED
 PLANNING BOARD
 91 HOWARD COUNTY
 DATE: 9-14-77

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-5400		
DESIGNED C.M.	SEDIMENT & EROSION CONTROL LOTS B-1 THRU B-9 COLUMBIA THE VILLAGE OF HICKORY RIDGE SECTION 1 AREA 1 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE As Shown
DRAWN		DRAWING 1 OF 1
CHECKED G.N.C.		JOB NO.
DATE June, 1977	FOR: J.D. EVANS, Inc. 5391 Lighthouse Court Columbia, Maryland 21044	FILE NO. 1247 SE

SDP-77-III. 11/21/77