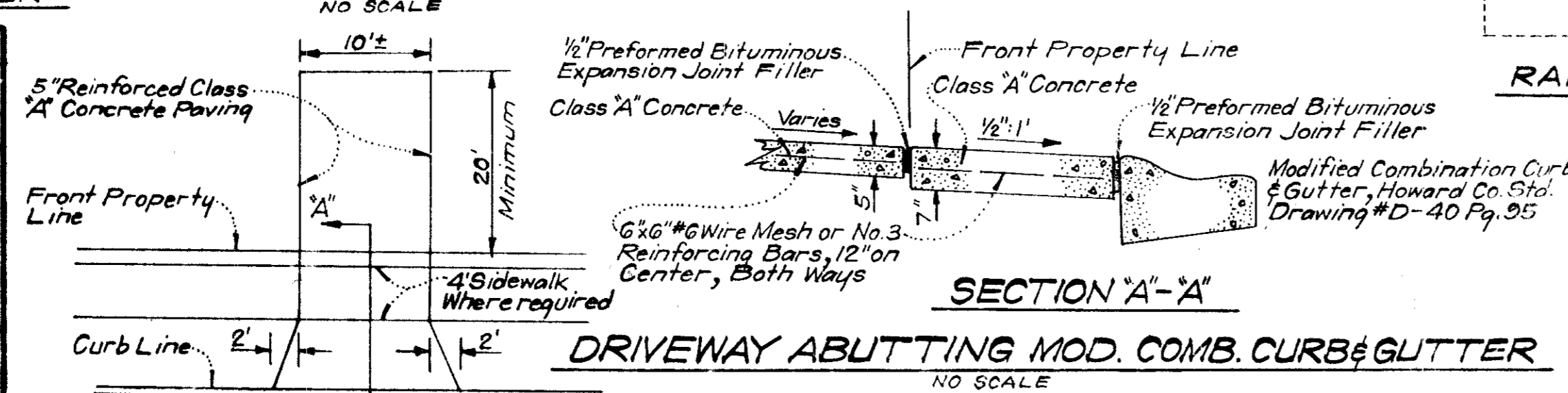
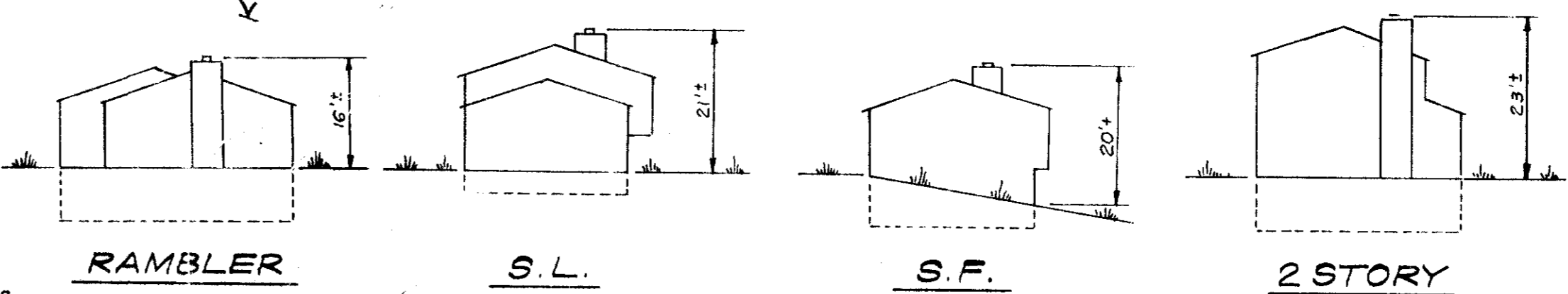
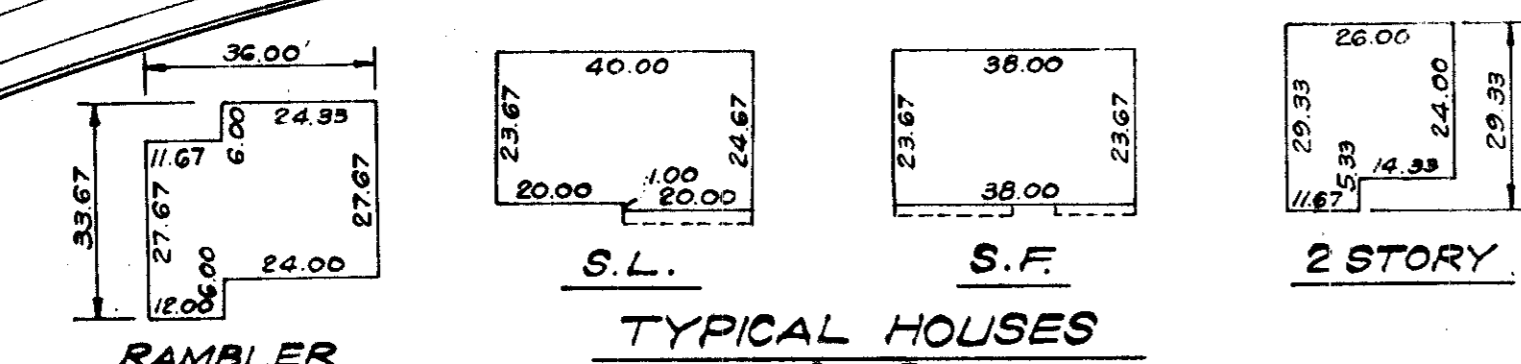


VICINITY MAP
SCALE: 1" = 2000'

- LEGEND**
1. Contour Interval 2 FT.
 2. Existing Contours 370
 3. Proposed Contours 370
 4. Spot Elevations +70.0
 5. Direction Of Drainage
 6. Yard Requirements:
Front - 30' On 80' Wide Streets
20' On 50' Wide Streets
Side - 7.5' (Min.)
 7. Existing Trees to be Retained
 8. Privacy Screen Fence

- GENERAL NOTES**
1. 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.
 2. The Lots shown on this plan are covered by Final Development Plan Phase 146 recorded in Plat Book 28 Folios 42 to 56.
 3. The Area covered in this submission is located on Tax Map No. 36.
 4. The total area included in this plan is 2.943 Acres.
 5. The land included in this plan is zoned New Town (S.F.M.D.).
 6. Building coverage is 15.1%

NO.	REVISIONS	DATE
1	Grading Revised on Lots 239, 241, 243 thru 250	5-6-75
2	House Type and Grading revised on Lots 245 and 247	6-26-75



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

COUNTY HEALTH OFFICER: [Signature] DATE: 7/10/75

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

PLANNING DIRECTOR: [Signature] DATE: 7/10/75

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DATE: 7/10/75

TYPICAL BUILDING ELEVATIONS
NO SCALE

SECTION 'A'-A'
NO SCALE

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.

CLARK • FINEROCK & SACKETT
ENGINEERS • PLANNERS • SURVEYORS

11316 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904 (301) 583-3400

DESIGNED: D.B.S. DATE: 4/19/75

DRAWN: K.W.C.

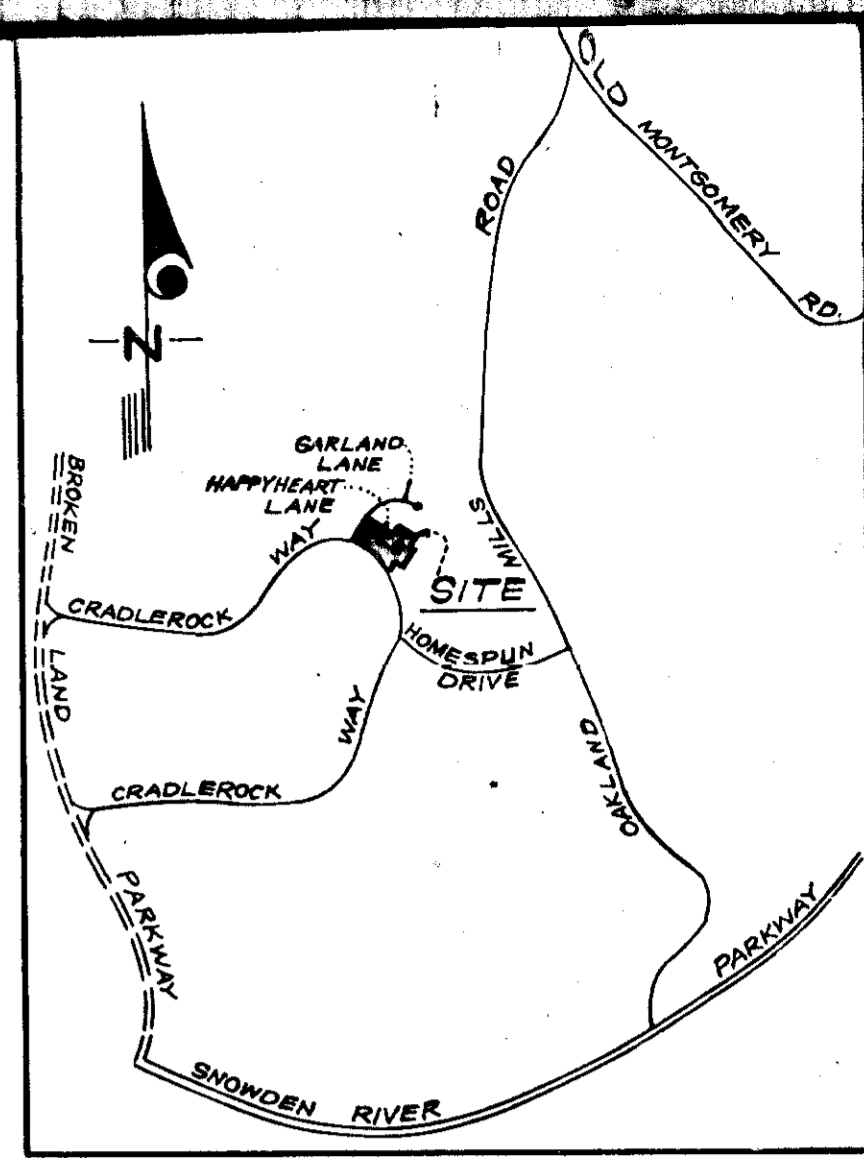
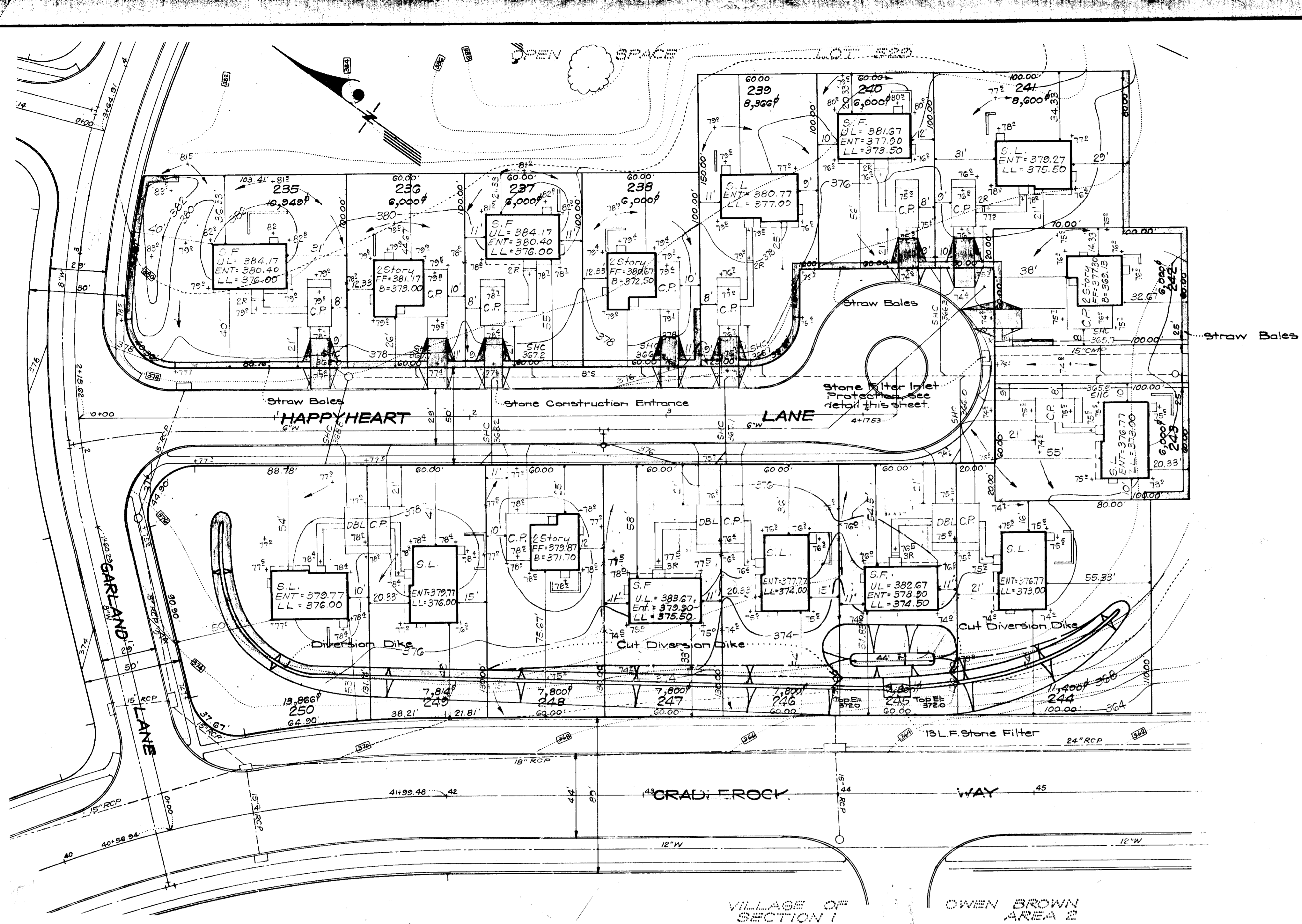
CHECKED: D.B.S.

DATE: April, 1975

SITE DEVELOPMENT PLAN
LOTS 235 THRU 250
COLUMBIA
VILLAGE OF OWEN BROWN
SECTION 4 AREA I
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

FOR: POKRETSKY & STARR, INC.
8401 Connecticut Avenue
Chevy Chase, Md. 20015

SCALE: 1" = 30'
DRAWING: 101-P
JOB NO.:
FILE NO.: 1135-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 #1 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 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 5 lbs./1000^{sq} ft. mixture: 40% Kentucky Blue, 20% Chewink Fescue, 20% Kentucky 31, and 20% Annual Ryegrass.
 - Fertilizer: 0-10-0 applied at the rate of 25 lbs./1000^{sq} ft. ground agricultural lime or dolomitic lime applied at the rate of 40 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. 228.
- 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. diversion dikes, straw bales, etc.
- Site Analysis:
 - Total Area: 2.0 Ac.
 - Area To Be Roofed: 0.4 Ac.
 - Area To Be Paved: 0.2 Ac.
 - Area To Be Seeded: 2.1 Ac.
 - Area Undisturbed: 0.2 Ac.
- The Contractor shall keep all public roads free of sediment deposits left from heavy truck traffic leaving construction site.
- Stone filter dikes shall be constructed at all construction entrances.
- Existing storm drainage inlets in Happyheart Lane at end of cul-de-sac shall be closed in accordance with stone filter inlet protection. Detail this sheet. Trapped sediment shall be removed from paved areas and placed in an appropriate location so as not to cause additional sediment problems.

PLAN
Scale: 1"=50'

SEDIMENT TRAP
Area = 8 Ac.
Disturbed Area = .8 Ac.
Vol. Required = 1447 cu ft.
Vol. Available = 1080 cu ft.
Bottom El. = 397.0

Reviewed for HOWARD S.C.D.
and meets Technical Requirements
C. Wagner 7/1/75
Date
U.S. Soil Conservation Service

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

Approved: *Robert W. Ziem* Date: 7-1-75

DEVELOPER'S CERTIFICATE
I certify that all development to be constructed 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.

6-4-75 Date *Robert W. Ziem* 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.

5-20-75 Date *G. Nelson Clark* Signature



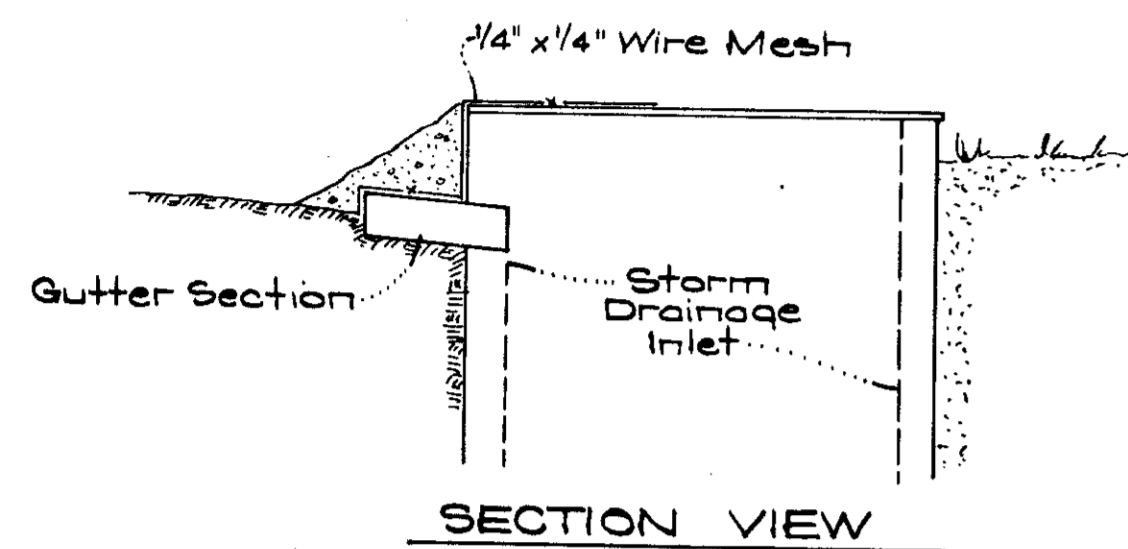
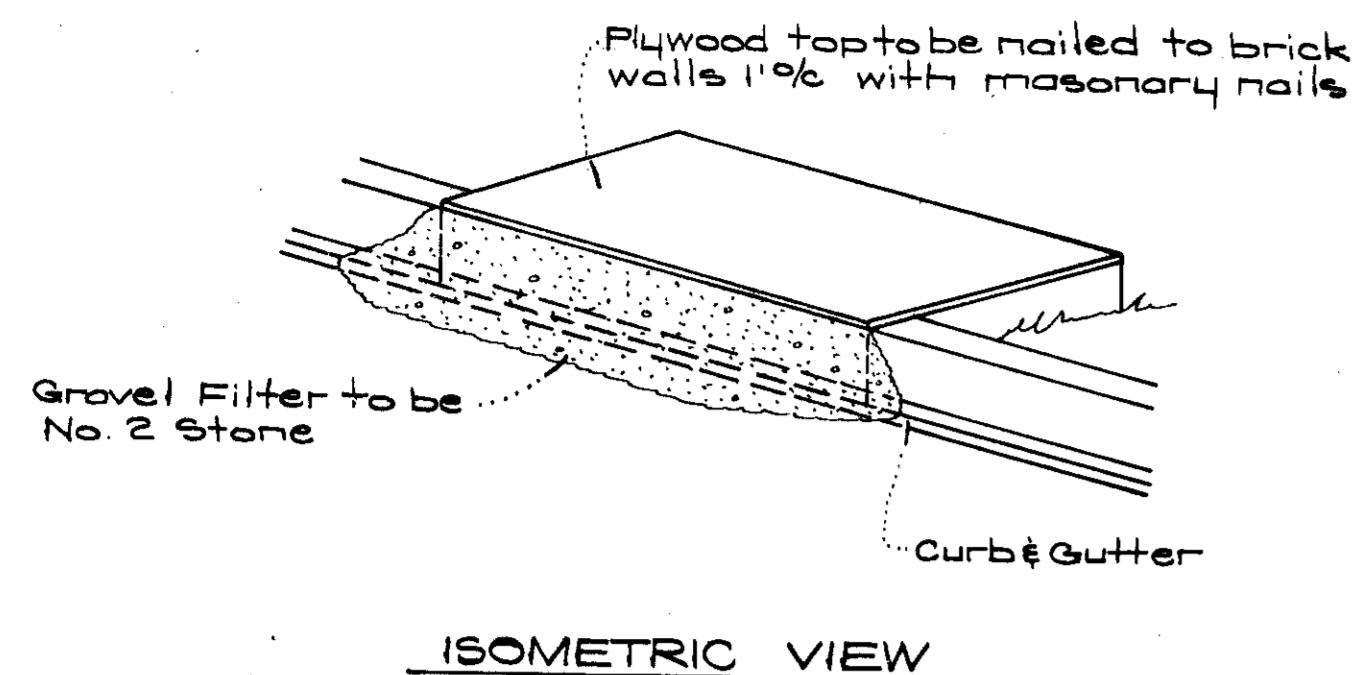
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature] DATE 7/1/75
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature] DATE 7/1/75
PLANNING DIRECTOR

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] DATE 7/1/75
DIRECTOR

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF HIGHWAYS
[Signature] DATE 7/10/75
CHIEF BUREAU OF HIGHWAYS

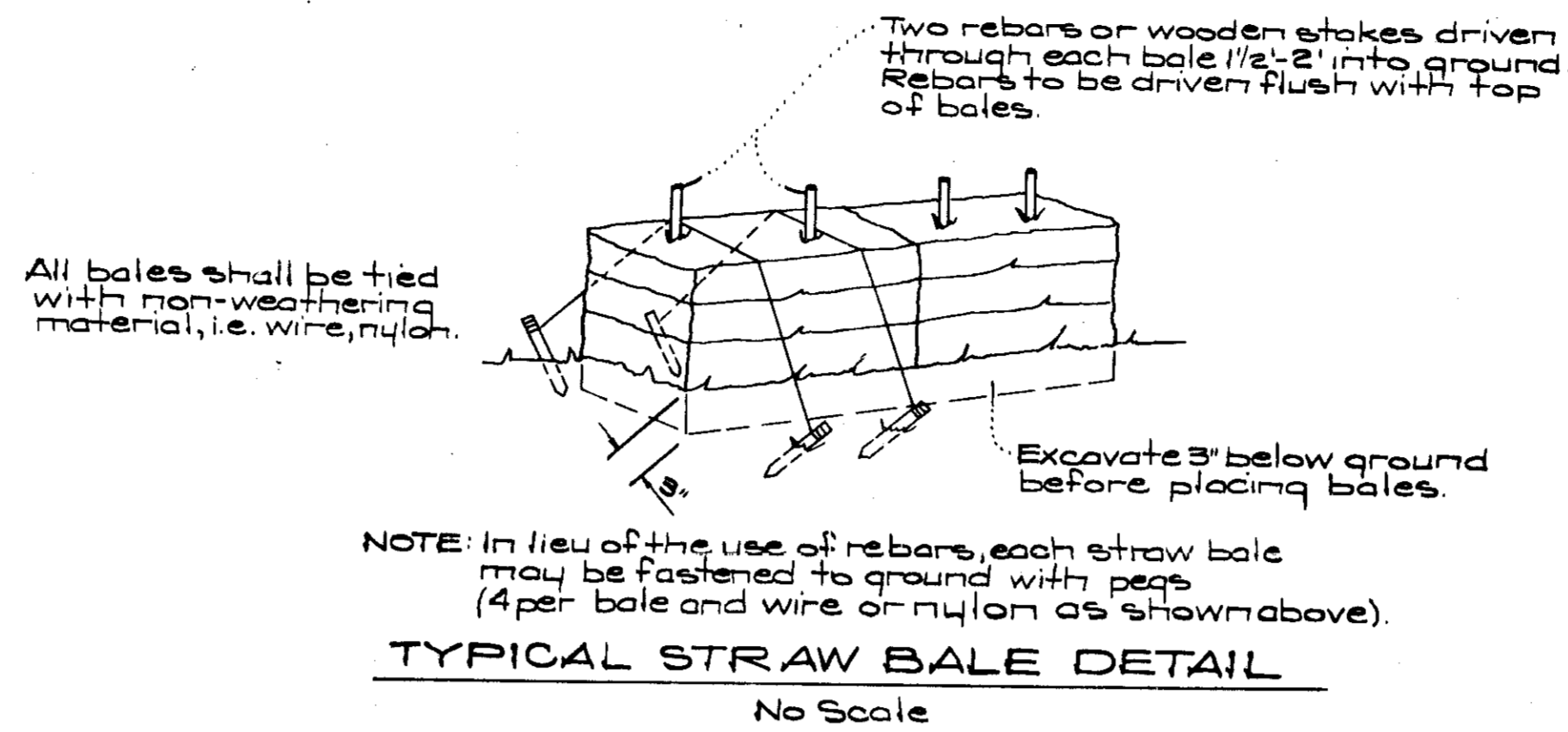
CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11316 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 583-3108		
DESIGNED	SEDIMENT & EROSION CONTROL PLAN	SCALE
DRAWN	LOTS 235, 236, 237, 238	As Shown
CHECKED	COLUMBIA	DRAWING NO.
DATE	VILLAGE OF OWEN BROWN SECTION 4 AREA 2	2073
April, 1975	6TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND	JOB NO.
	FOR: PORETSKY & STARR, INC. 8401 Connecticut Avenue Chevy Chase, Md. 20015	FILE NO.
		1151-SF



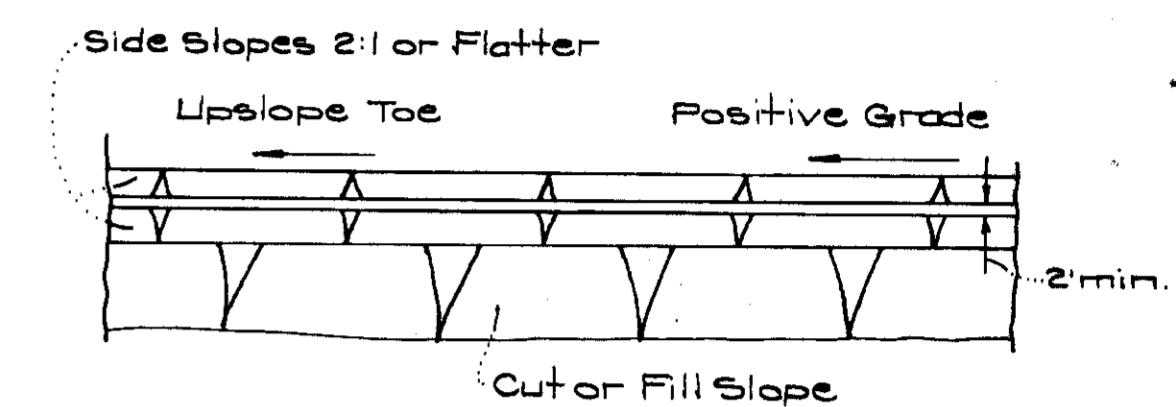
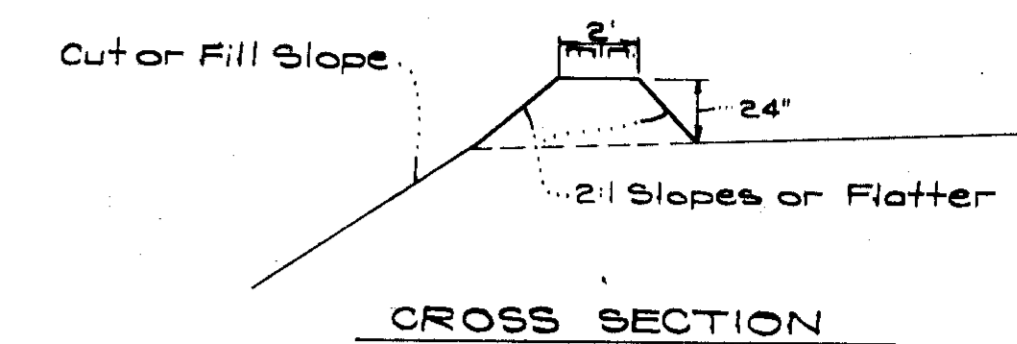
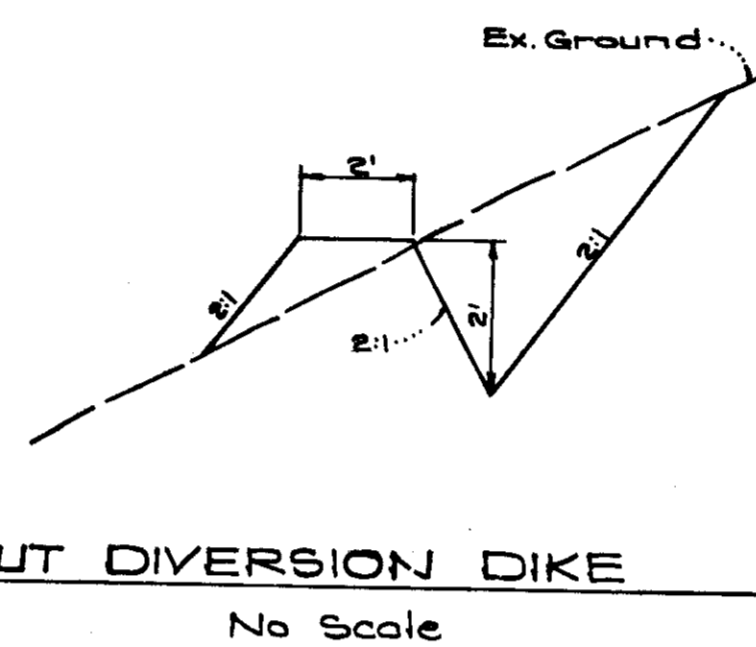
STONE FILTER INLET PROTECTION DETAIL
No Scale

CONSTRUCTION SEQUENCE

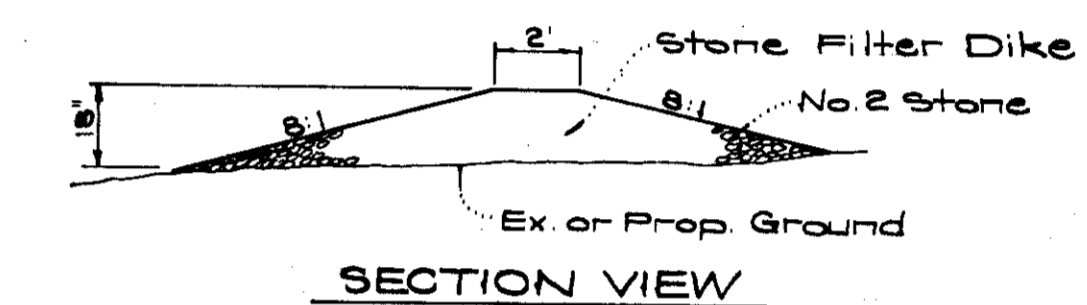
- The following phases can be done in any order.
- PHASE A (Lots 235 thru 238)**
1. Provide stone filter protection to existing inlet in Happyheart Lane cul-de-sac.
 2. Install straw bales along property line as shown.
 3. Construct stone construction entrances at all lots unless more than one lot is developed. Then one entrance shall be constructed at an adequate location to serve these lots.
 4. Excavate for building footings and rough grade.
 5. Construct buildings on lots 235 thru 238.
 6. Construct sidewalks, driveways, and carports.
 7. Final grade and stabilize in accordance with General Note #5.
 8. Remove straw bales and stone construction entrances.
- PHASE B (Lots 239 thru 243)**
1. Install straw bales along property line as shown.
 2. Construct stone construction entrances at all lots unless more than one lot is developed. Then one entrance shall be constructed at an adequate location to serve these lots.
 3. Excavate for building footings and rough grade.
 4. Construct buildings on lots 239 thru 243.
 5. Construct sidewalks, driveways, and carports.
 6. Final grade and stabilize in accordance with General Note #5.
 7. Remove straw bales and stone construction entrances.
- PHASE C (Lots 244 thru 250)**
1. Install diversion dike and sediment trap as shown on plan.
 2. Stabilize sediment control devices in accordance with General Note #1.
 3. Excavate for building footings and rough grade.
 4. Construct buildings on lots 244 thru 250.
 5. Construct sidewalks, driveways, and carports.
 6. Final grade and stabilize in accordance with General Note #5.
 7. Remove stone filter protection to existing inlet in Happyheart Lane.



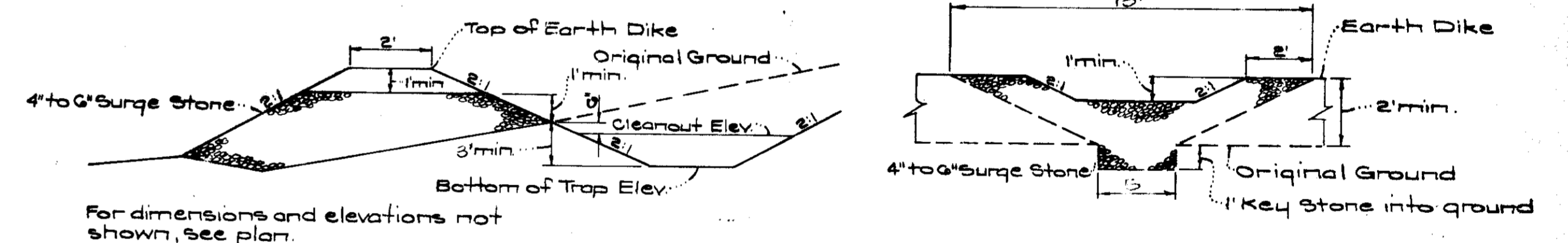
NOTE: In lieu of the use of rebar, each straw bale may be fastened to ground with pegs (4 per bale and wire or nylon as shown above).



DIVERSION DIKE
No Scale



STONE CONSTRUCTION ENTRANCE DETAIL
No Scale



SEDIMENT TRAP DETAILS

SEDIMENT TRAP NOTES

1. All Sediment Traps to be cleaned out when sediment reaches a level 6" below the original ground line.
2. Bottoms of all Sediment Traps to be level and constructed to the dimensions shown in plan view.
3. Spillways to be constructed through Earth Dikes adjacent to excavated portion of sediment trap.

APPROVED
DEPARTMENT OF LAND DEVELOPMENT
AND TRANSPORTATION PLANNING
HOWARD COUNTY, MARYLAND
6/9/75
[Signature]

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER [Signature] DATE 7-27-75
APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR [Signature] DATE 7-27-75
DIVISION OF LAND DEVELOPMENT AND TRANSPORTATION PLANNING
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR [Signature] DATE 7-18-75
CHIEF BUREAU OF HIGHWAYS [Signature] DATE 7/10/75

Reviewed for HOWARD S.C.D. Name and meets Technical Requirements
C. Wayne Ray 7/11/75
Signature Date
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
Approved [Signature] Date 7-11-75

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.
6-4-75 Date [Signature] 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.
5-20-75 Date [Signature] G Nelson Clark



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

DESIGNED	SEDIMENT & EROSION CONTROL PLAN	SCALE
D.A.B.	LOTS 235 THRU 250	As Shown
DRAWN	COLUMBIA	DRAWING
BUDZON	VILLAGE OF OWEN BROWN	3 OF 3
CHECKED	SECTION 4 AREA I	JOB NO.
G.N.C.	6TH ELECTION DISTRICT	
	HOWARD COUNTY, MARYLAND	
DATE	FOR: FORETSKY & FARR, INC.	FILE NO.
May, 1975	8401 Connecticut Avenue	1151-GE
	Chevy Chase, Md. 20015	