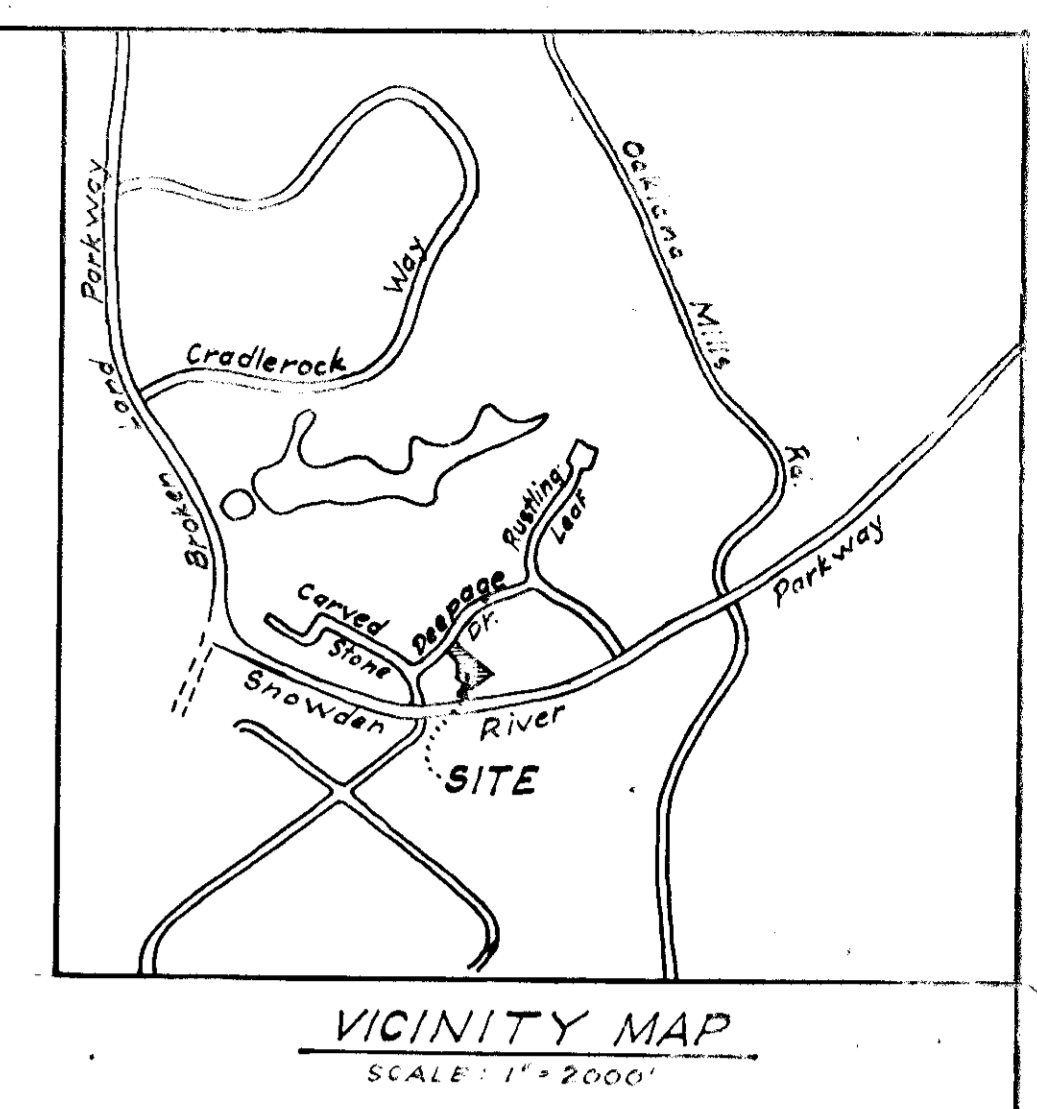


LEGEND

1. Contour Interval	2 Ft.
2. Existing Contours	400'
3. Proposed Contours	400'
4. Spot Elevations	+00'
5. Direction of Drainage	
6. Existing Sanitary Sewer	
7. Existing Storm Drain	

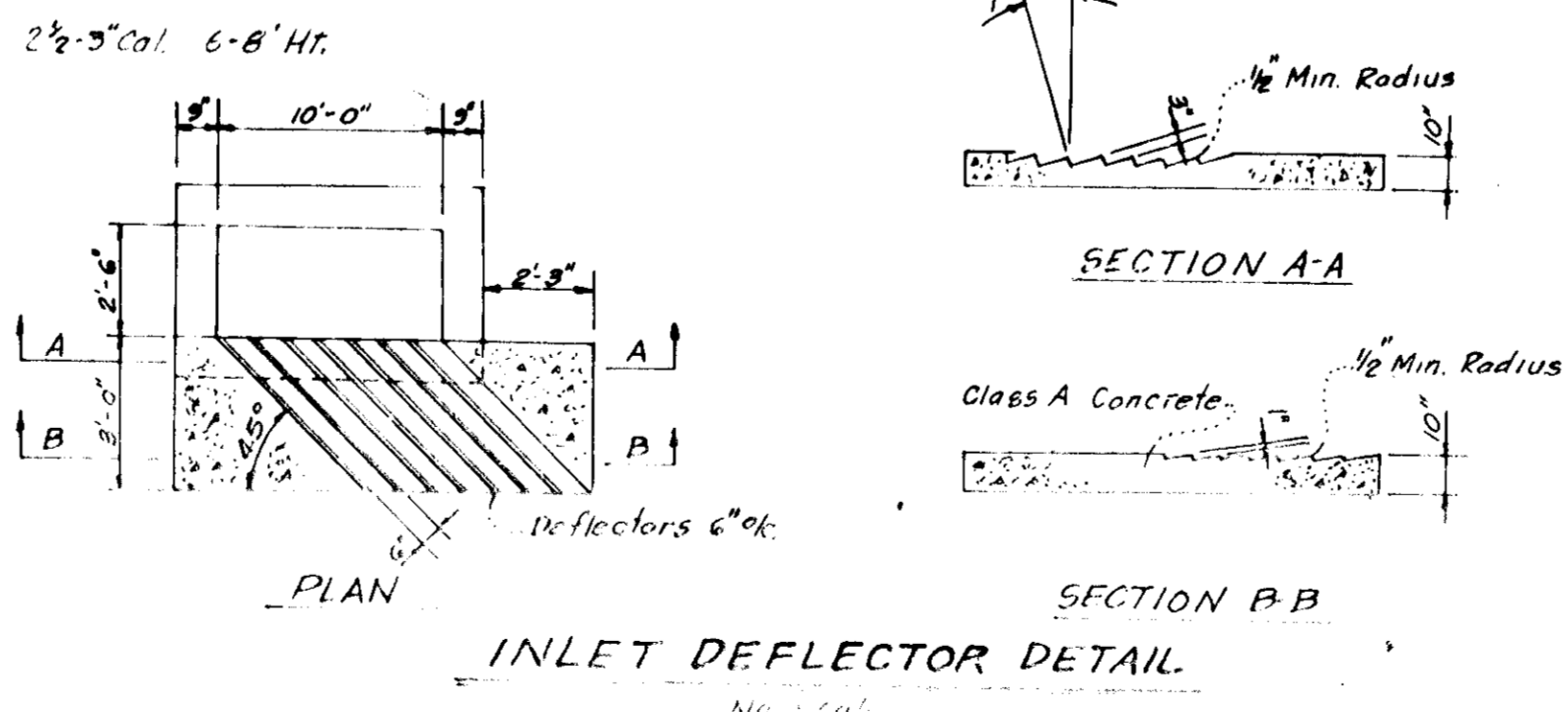
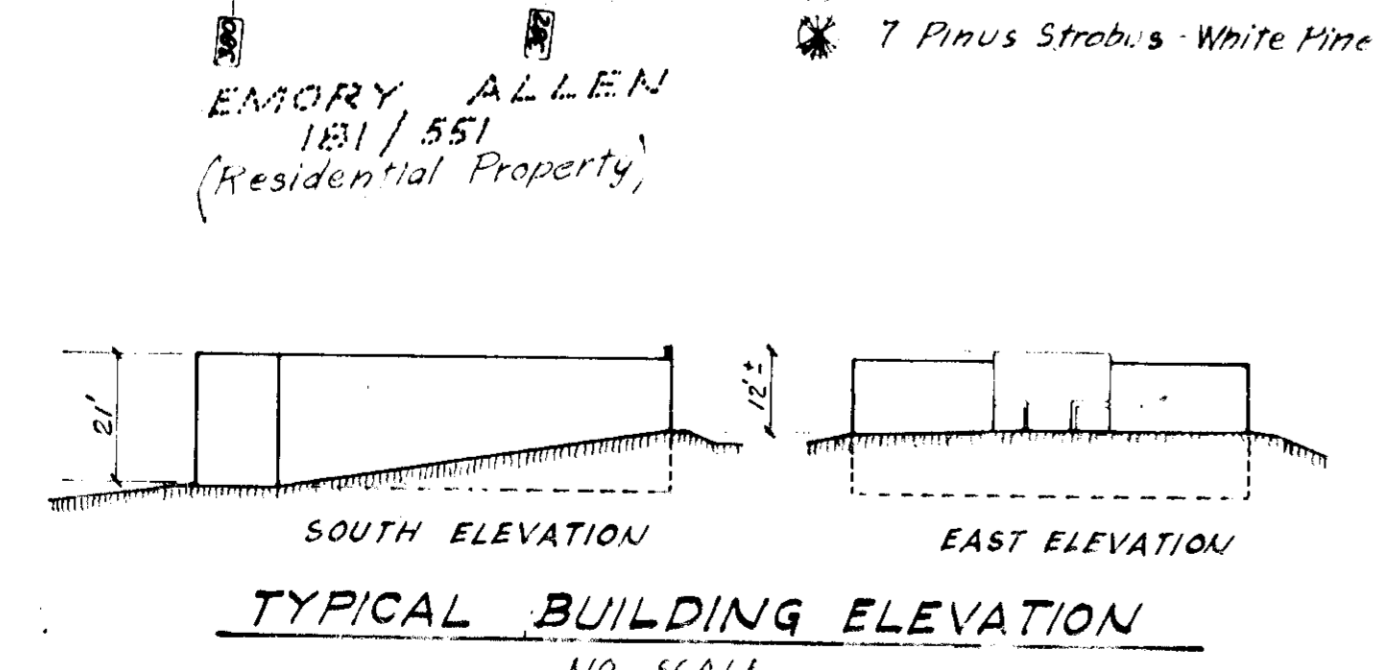
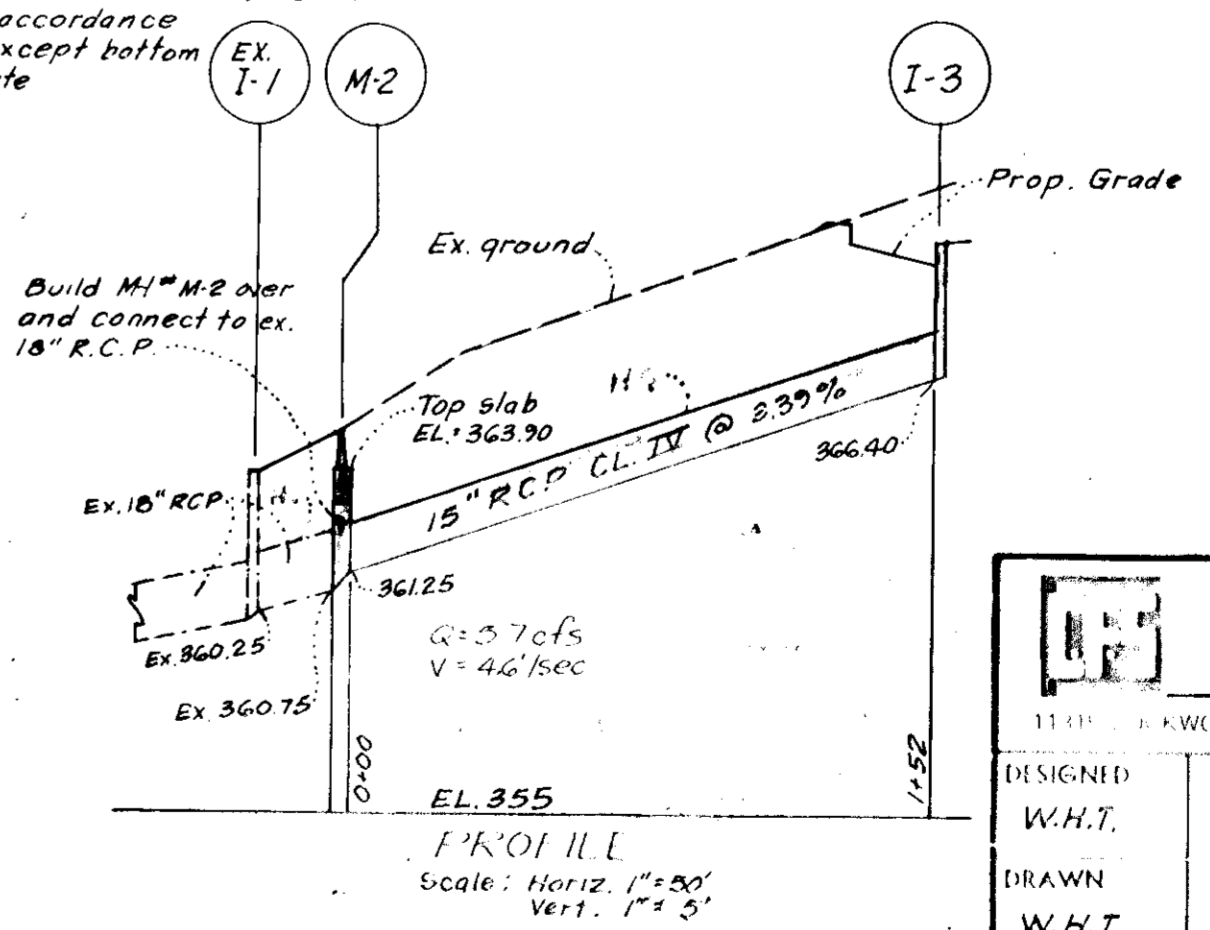


- GENERAL NOTES**
- The land included in this plan is zoned New Town Commercial.
 - The Lots shown on this plan are covered by Final Development Plan Phase 11B Part II, recorded in Plat Book 20 Folio 187.
 - All coordinates are based on Maryland State Grid System Elevations are based on the U.S. Coast and Geodetic Survey Mean Sea Level Datum 1928.
 - The Area covered in this submission is located on Tax Map No. 42.
 - The total area included in this plan is 1.507 Acres.
 - Installation of all Traffic Control Devices shall be in accordance with the latest Edition of the Manual of Uniform Traffic Control Devices.
 - Recording Reference: Recorded as Plat No. 3761
 - All Driveways & Parking Areas are Privately Owned & Maintained.
 - All Storm Drainage and Paving shall be constructed in accordance with the latest details and specifications of Howard County.
 - For Storm Drain Structures refer to the Standard Details of Howard County unless otherwise noted.
 - Trench compaction for storm drains within street right of way limits shall be in accordance with the latest Howard Co. Road Code.
 - Call "MISS UTILITY" 24 hours in advance of construction (Phone 558-0100)
 - Roof Storm Water carried in downspouts will be handled by splash block and discharged to ground having good percolation.
 - The Builder agrees to work with the Dept. of Licenses & Inspections to resolve any problems caused by Roof Water Discharge.
 - Intended Use of Structure: Athletic Recreation on Racquetball Courts
 - PARKING REQUIREMENTS:**
 - 9 Courts - Max. 4 Users per Court * = 36 Persons Max.
 - (Total Recreation Area 10,540 ft²)
 - Number of Employees = 4 Persons Max.
 - (Total Office Area 500 ft²)
 - Total Parking Spaces Shown = 40 Spaces
- * Anticipated Normal Use of Courts is 3 out of 4 Courts to be used as singles (2 persons per Court)

STRUCTURE SCHEDULE

NO.	TYPE	EST. ELEVATION	REMARKS
I-3	A-10 Inlet	370.74	Howard Co. Std. S.D.D. 9, pg. 119 A W = 2'-6"
M-2	Manhole	368.00	Howard Co. Std. S.D.D. 9, 48" dia.

* Provide Deflector. See detail this sheet.
 + Construct in accordance with SDD-9 except bottom to be concrete.



ALL PUBLIC WATER AND PUBLIC SEWERAGE SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS OF HOWARD COUNTY, MARYLAND.

Joy M. Siskins 9-13-77

EMORY ALLEN 181/551 (Residential Property)

PLANTING MOUNDS 4 HT. & SCREEN PLANTING AGAINST RESIDENTIAL PROPERTY AS SHOWN:
 (A) 3 Acer Rubrum - Red Maple 2 1/2" Cal. 12-14' HT.
 (B) 7 Pinus Strobus - White Pine 2 1/2" Cal. 6-8' HT.

7-20-77

Donald B. Sackett

CLARK • FINEFROCK & SACKETT
 ENGINEERS • PLANNERS • SURVEYORS

1101 WOOD DRIVE SILVER SPRING, MARYLAND 20910

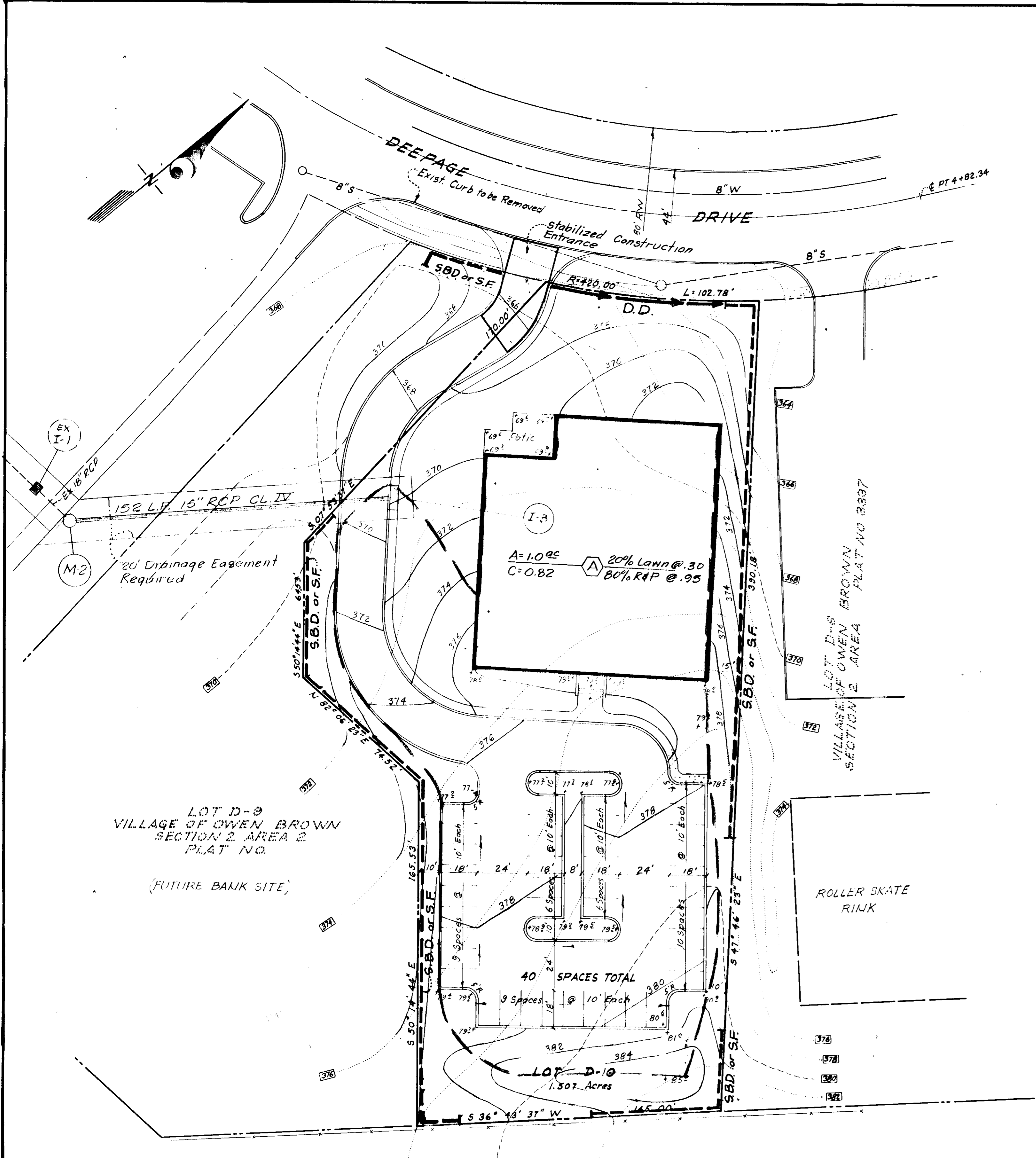
DESIGNED BY: W.H.T.
 DRAWN BY: W.H.T.
 CHECKED BY: D.B.S.
 DATE: May 1877

SITE DEVELOPMENT PLAN LOT D-10

COLUMBIA
 VILLAGE OF OWEN BROWN SECTION 2 AREA 2 COLLECTION DISTRICT HOWARD COUNTY, MARYLAND

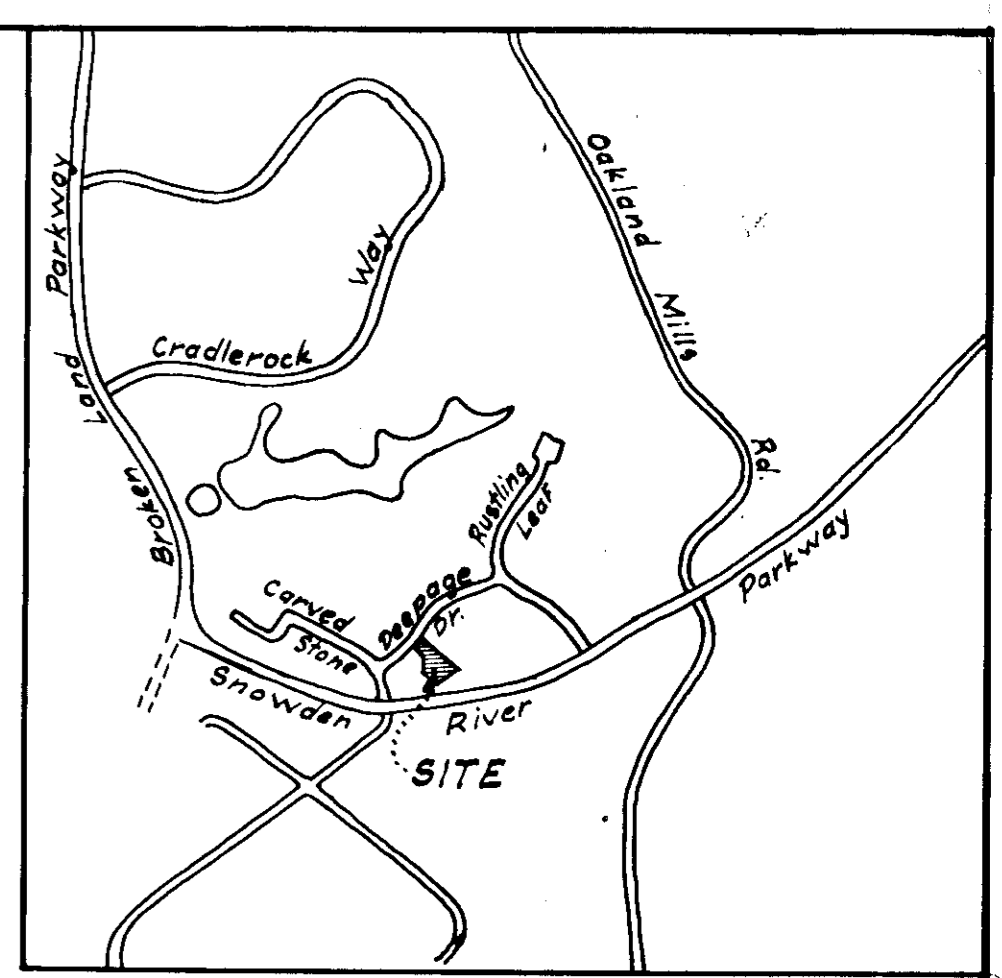
FOR: HOWARD COUNTY SPORTS DEVELOPMENT 1116 Ivybush Lane Columbia, Md. 21044

SDP-77-96c



LEGEND

1. Contour Interval	2 Ft.
2. Existing Contours	--- 400 ---
3. Proposed Contours	--- 400 ---
4. Spot Elevations	+00 E
5. Direction of Drainage	→
6. Existing Sanitary Sewer	--- ○ ---
7. Existing Storm Drain	--- ○ ---
8. Straw Bale Dike or Silt Fence	S.B.D. or S.F.
9. Diversion Dike	D.D.
10. Stabilized Construction Entrance	▭



VICINITY MAP
SCALE: 1" = 200'

GENERAL NOTES

- The land included in this plan is zoned New Town Commercial.
- The Lots shown on this plan are covered by Final Development Plan Phase 118 recorded in Plat Book 20 Folio 197.
- All coordinates are based on Maryland State Grid System Elevations are based on the U.S. Coast and Geodetic Survey Mean Sea Level Datum 1928.
- The Area covered in this submission is located on Tax Map No. 42.
- The total area included in this plan is 1.507 Acres.
- Installation of all Traffic Control Devices shall be in accordance with the latest Edition of the Manual of Uniform Traffic Control Devices.
- Recording Reference: Recorded as Plat No.
- All Driveways & Parking Areas are Privately Owned & Maintained.
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- For Storm Drain Structures refer to the Standard Details of Howard County unless otherwise noted.
- Trench compaction for storm drains within street right of way limits shall be in accordance with the latest Howard Co. Road Code.
- Call "Miss UTILITY" 24 hours in advance of construction (Phone 559-0100).
- Roof Storm Water carried in downspouts will be handled by splash block and discharged to ground having good percolation.
- The Builder agrees to work with the Dept. of Licenses & Inspections to resolve any problems caused by Roof Water Discharge.

PLAN
Scale: 1" = 30'

EMORY ALLEN
181 / 551

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
John D. Myers 9-25-77
PLANNING DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John D. Myers 9-25-77
COMMISSIONER DATE

Reviewed for HOWARD COUNTY and meets Technical Requirements
John D. Myers 9-25-77
Signature Date
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 9-25-77
Approved Date

DEVELOPER'S CERTIFICATE
I certify that all development and/or construction activities according to this plan of development and/or construction and sediment control, and I also certify that I am the person or persons authorized by the Howard County Board of Commissioners to execute this plan as the contract necessary. Deviations from the plan will not be made unless authorized by the Howard Soil Conservation District.

John D. Myers 9/23/77
Signature Date

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 conditions and that it was prepared in accordance with the requirements of the Howard County Code for this purpose.

G. Nelson Clark 6-21-77
Signature Date

OWNER:
Howard Research & Development Corp.
The Rouse Company Building
Columbia, Maryland, 21044

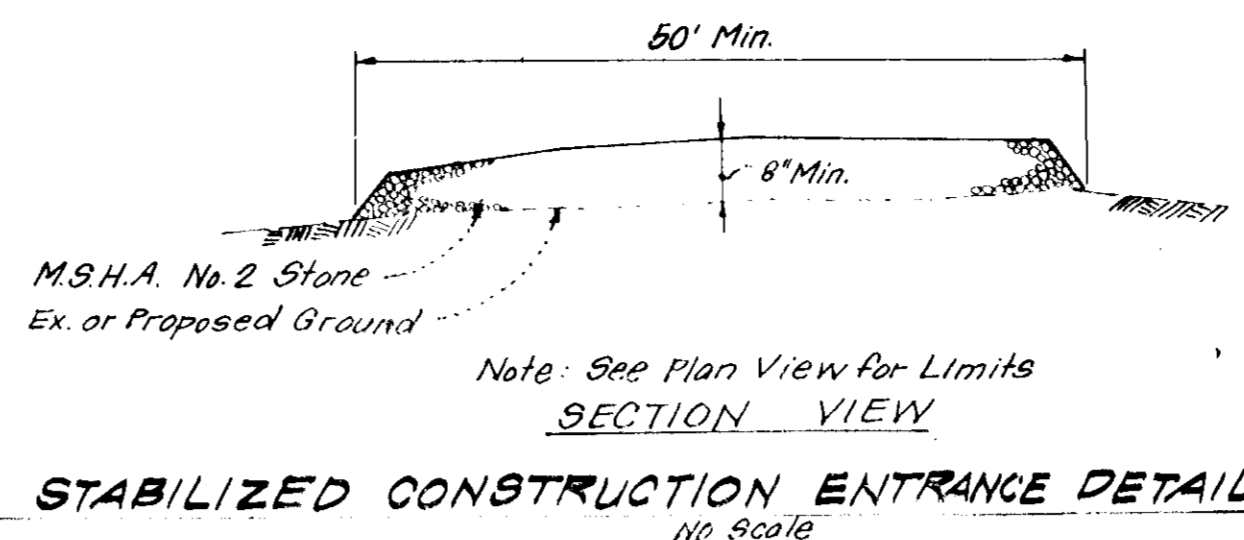


APPROVED
PLANNING BOARD
HOWARD COUNTY
7-20-77

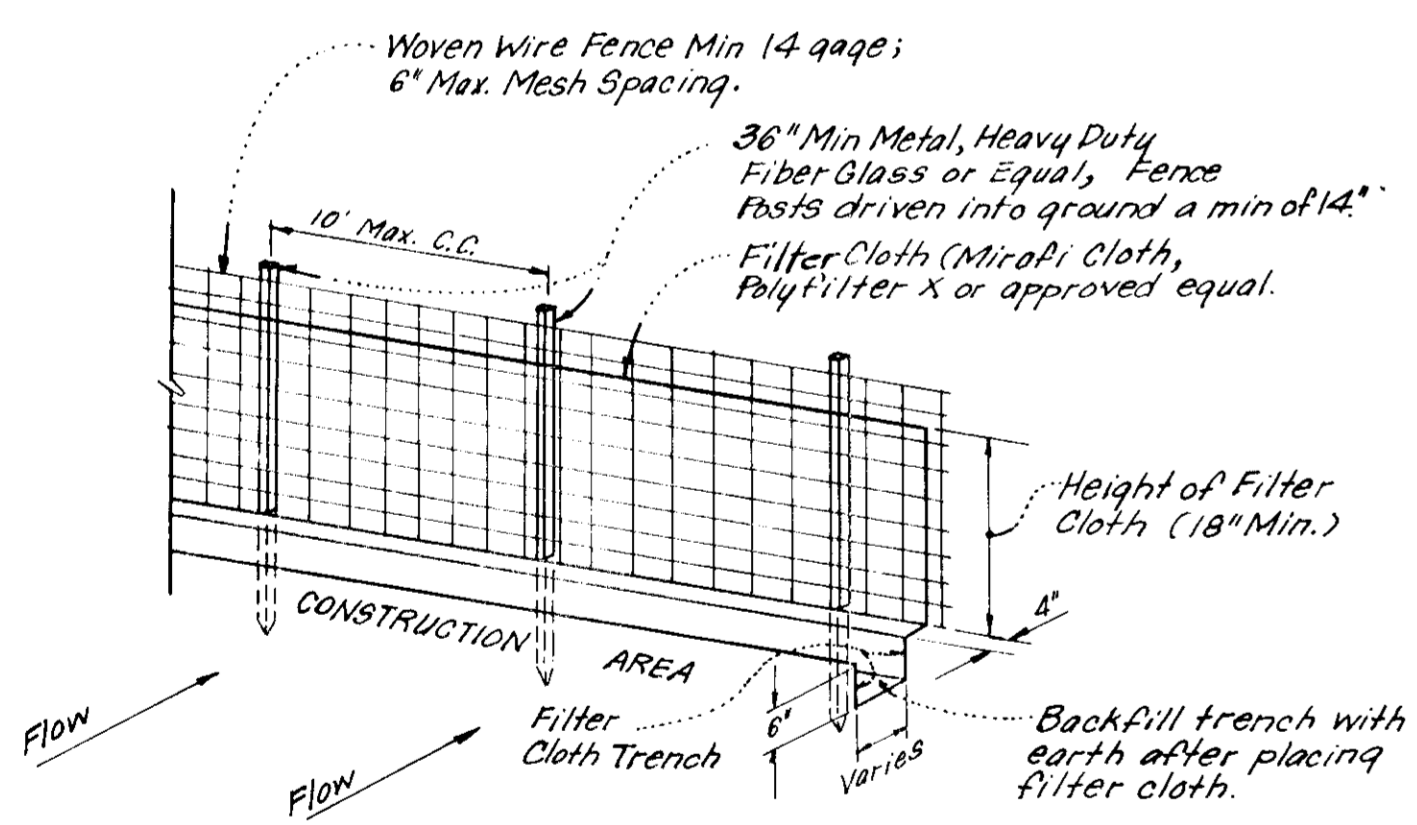
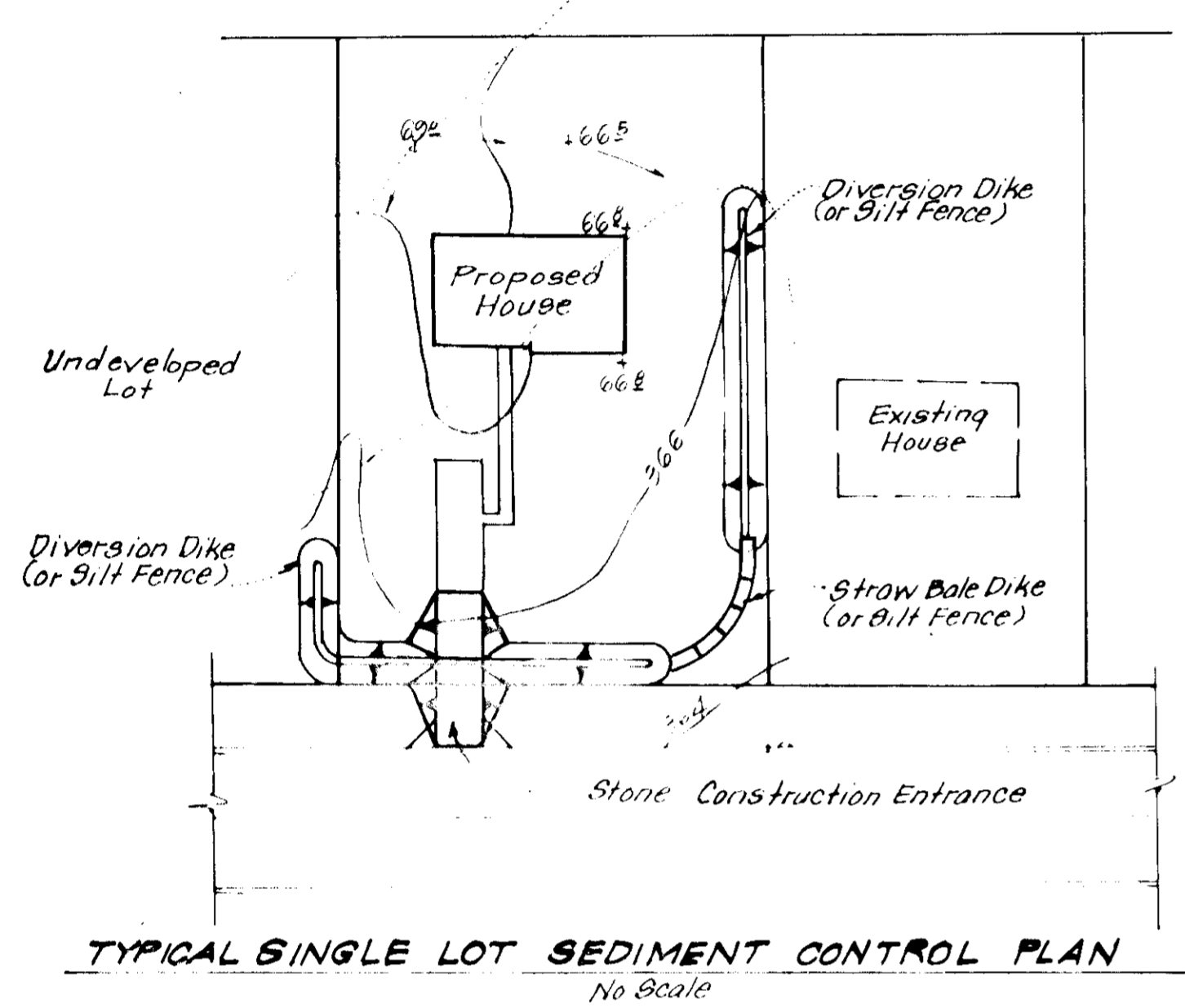
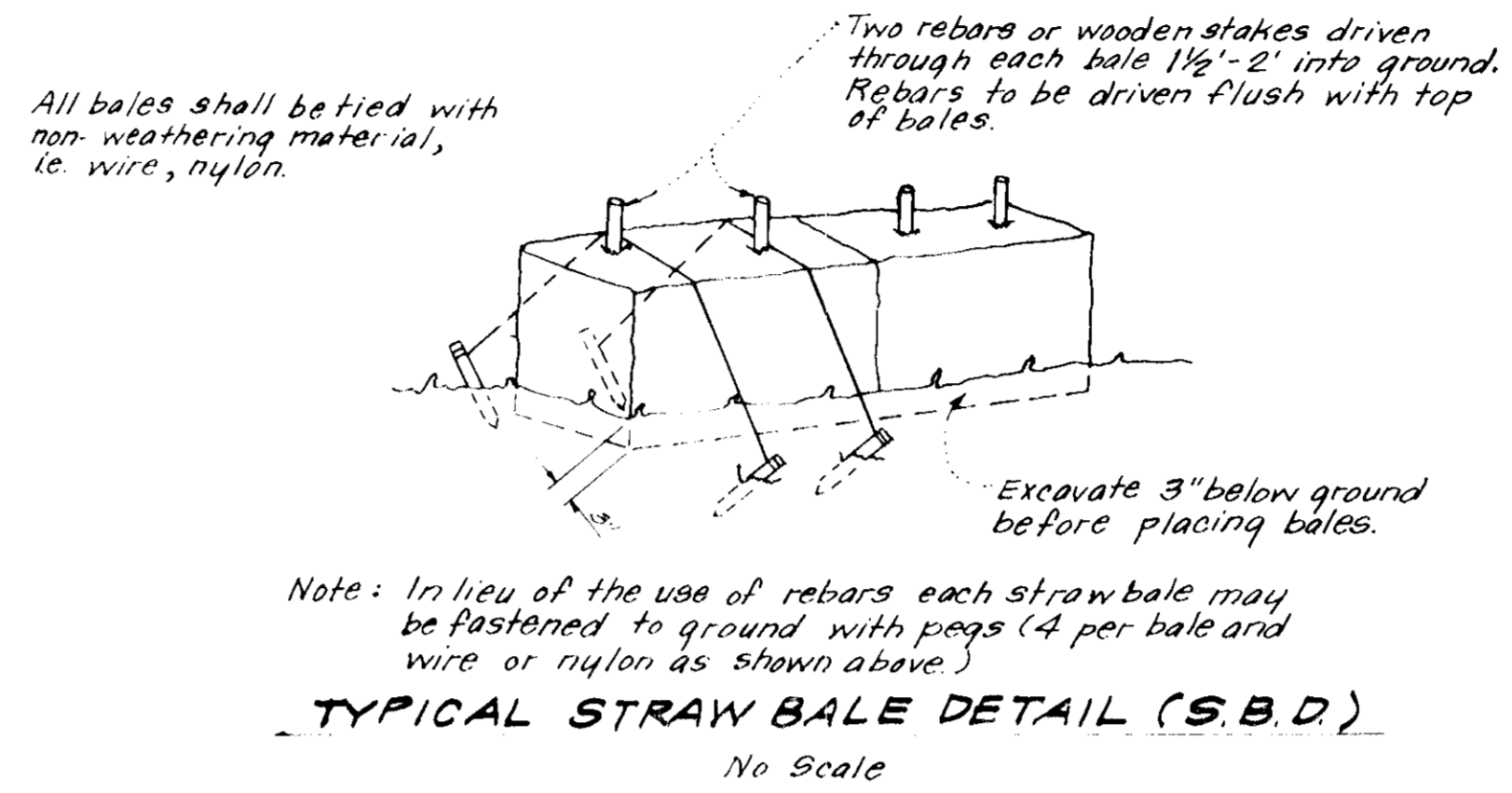
CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS 11115 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20901 (301) 593-3400		
DESIGNED D.A.B.	SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN AND DRAINAGE AREA MAP LOT D-10	SCALE As Shown
DRAWN D.A.B.	COLUMBIA VILLAGE OF OWEN BROWN SECTION 2 STATION DISTRICT HOWARD COUNTY, MARYLAND	DRAWING 2 of 3
CHECKED G.N.C.		JOB NO.
DATE May 1977	FOR: HOWARD COUNTY SPORTS DEVELOPERS 1118 Ivy Bush Lane Columbia, Md. 21044	FILE NO. 1242-SE

GENERAL NOTES

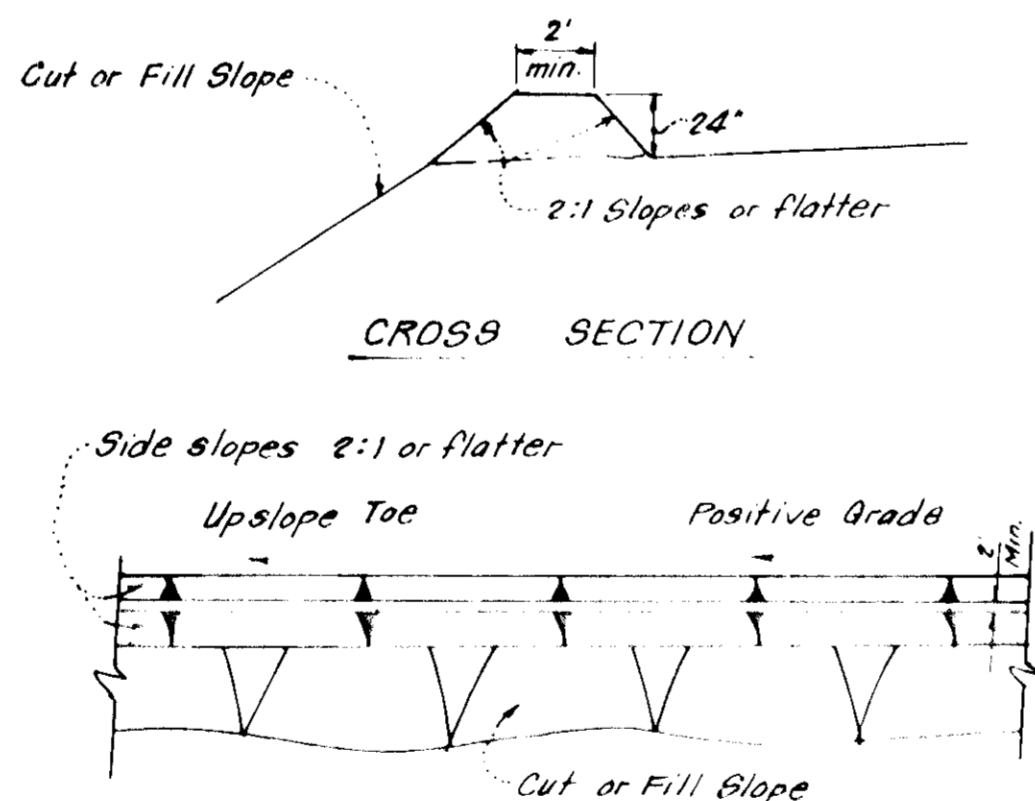
- All Sediment and Erosion Control Measures will be installed and stabilized according to this plan prior to any other grading, clearing, or disturbance of the existing surface of the site. See Note #5 for stabilization except that the seed mixture will be annual rye applied at the rate of 1.4 lbs/1000 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 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 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, etc.
- Site Analysis:
 - Total Area: 1.527 Acres
 - Area to be Roofed: 0.272 Acres
 - Area to be Paved: 0.574 Acres
 - Area to be Seeded: 0.681 Acres
 - Area Undisturbed: 0 Acres
- 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 or Silt Fence shown = 622 L.F.



STABILIZED CONSTRUCTION ENTRANCE DETAIL
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".



7-20-77

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
John W. Prater 9-13-77
APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING
PLANNING DIRECTOR DATE
CHIEF, DIVISION OF LAND DEVELOPMENT DATE
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, PUBLIC ROADS, STORM DRAINAGE SYSTEMS & PUBLIC WORKS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John W. Prater DATE
CHIEF, DIVISION OF HIGHWAYS DATE

Reviewed for HOWARD S.C.D. Name and meets Technical Requirements
John D. Mayo 8-30-77
Signature Date
U.S. Soil Conservation Service

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

John D. Mayo 8-30-77
Approved Date

DEVELOPER'S CERTIFICATE
I hereby certify that the development and construction of this project has been completed in accordance with the approved plan and that the site is now ready for occupancy.

John D. Mayo 5/18/77
Signature Date

ENGINEER'S CERTIFICATE
I hereby certify that the design and construction of this project has been completed in accordance with the approved plan and that the site is now ready for occupancy.

John D. Mayo 5-17-77
Signature Date



OWNER:
Howard Research & Development Corp.
The Rowe Company Building
Columbia, Maryland 21044

CLARK • FINEFROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS		11315 LOCKWOOD DRIVE • SILVER SPRING, MARYLAND 20904 • (301) 593-3400
DESIGNED D.A.B.	SITE DEVELOPMENT PLAN SEDIMENT & EROSION CONTROL PLAN LOT D-10	
DRAWN K.I.W.	COLUMBIA	
CHECKED G.N.C.	VILLAGE OF OWEN BROWN SECTION 2 AREA 2 6th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
DATE May, 1977	FOR: HOWARD COUNTY SPORTS DEVELOPERS 1118 Ivy Bush Lane Columbia, Md. 21044	
	SCALE As Shown	JOB NO. 1242-SE

SDP-77-96c