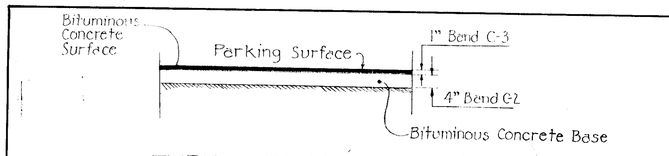
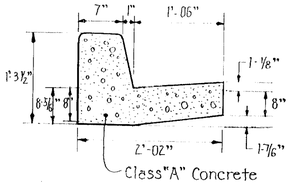


TYPICAL PAVING SECTION (DWG-D-13, PAGE 68)

Not to Scale

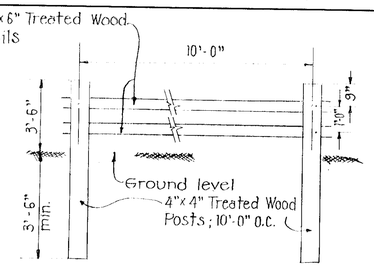
NOTES:

1. A tack coat is required in accordance with Section C-31-4 of the Howard Co. Road Construction Code and Specifications.
2. Base will be primed in accordance with Section C-30-3 of the Howard Co. Road Construction Code and Specifications.
3. All work shall be performed in accordance with the Howard Co. Road Construction Code and Specifications.



STANDARD 7" COMBINATION CURB AND GUTTER DETAIL

Not to Scale



TYPICAL GUARD RAIL FENCE

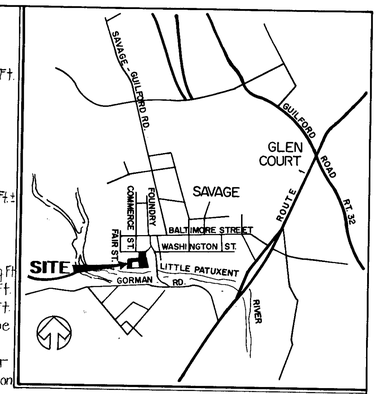
NOT TO SCALE

SITE ANALYSIS

1. Total Area of Parcel = 7.74 Ac. or 337,154 Sq. Ft.
2. Area presently zoned B-2
3. Number of parking spaces provided
   New Parking Spaces = 46
   Ex. Parking Spaces = 63
4. Limit of Submission = 0.63 Ac.
5. Total Number of Employees = 65
6. Total Building Square Footage = 87,000 Sq. Ft.±

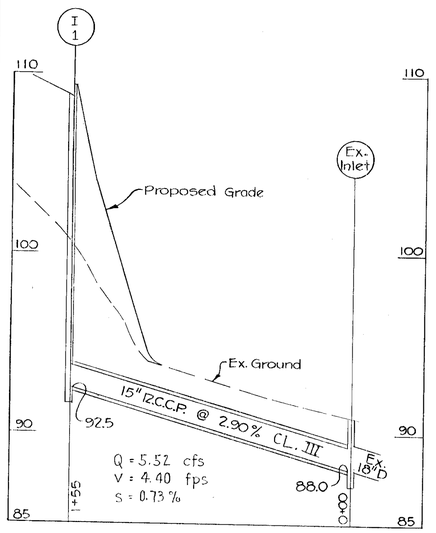
NOTE:

1. The total area of new parking lot = 26,080 Sq. Ft.
   Area of landscaped island req'd. = 1,304 Sq. Ft.
   Area of landscaped island furn. = 3,840 Sq. Ft.
2. The type of inlet at the parking lot shall be Standard Class E Combination Inlet.
3. The Contractor shall be responsible for any utilities damaged during construction and shall verify the location of such utilities prior to construction.



VICINITY MAP

SCALE: 1"=2000'

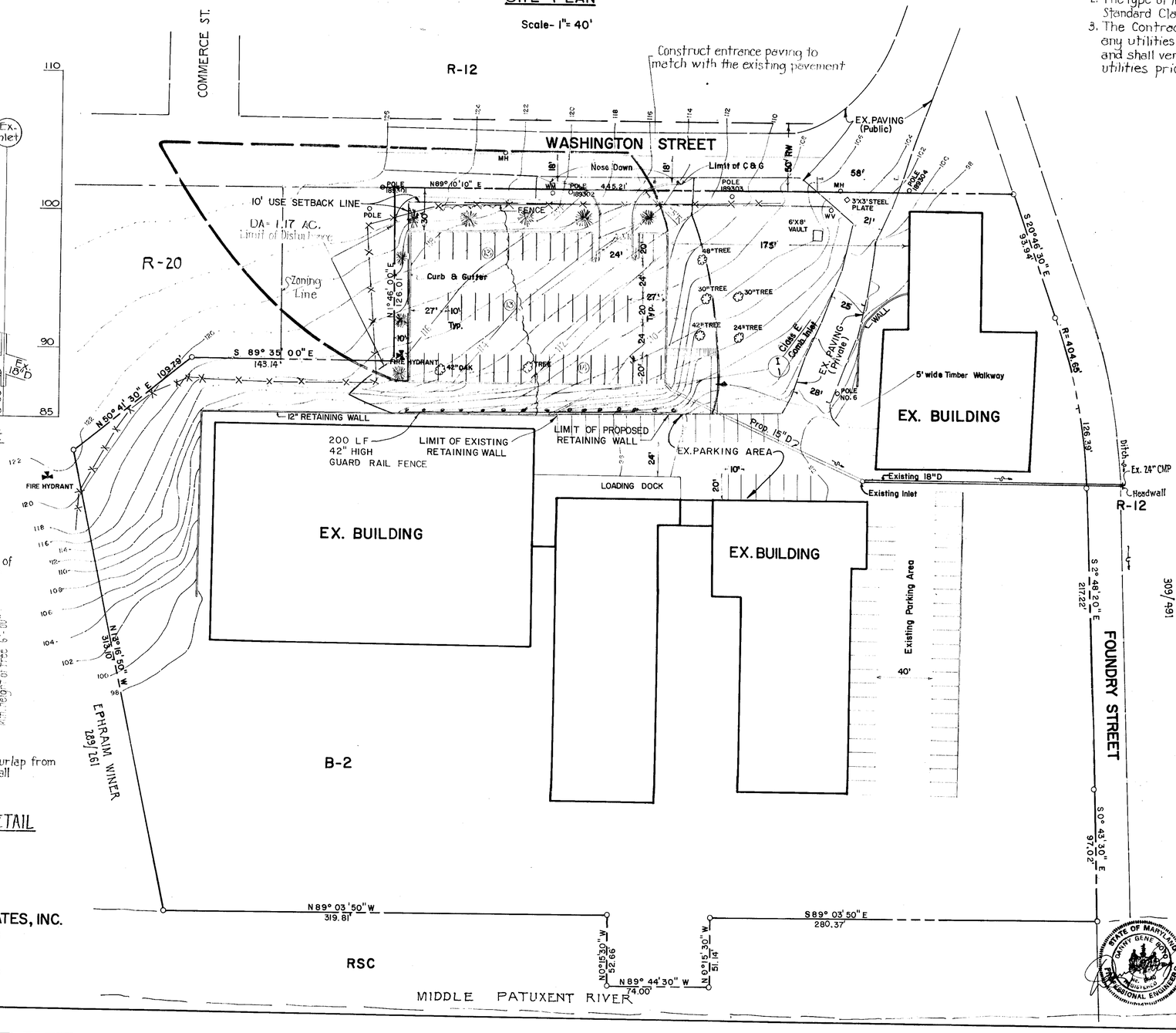


STORM DRAIN PROFILE

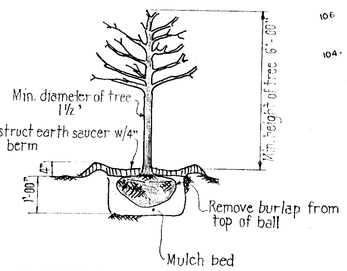
Scale: Hor. 1"=40' Vert. 1"=4'

SITE PLAN

Scale- 1"= 40'



NOTE: Trees are to be Red Maple or similar species as approved by Howard Co. Office of Planning and Zoning. Tree spacing at 40' interval.



TYPICAL TREE PLANTING DETAIL

NOT TO SCALE

APPROVED: For Public Water, Public Sewerage and Storm Drainage Systems and Roads	
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
Richard E. Freudenberger, DIRECTOR	9/11/78 DATE
W O Gilbert, CHIEF, BUREAU OF ENGINEERING	9-11-78 DATE
APPROVED: For Public Water and Public Sewerage Systems	
HOWARD COUNTY HEALTH DEPARTMENT	
COUNTY HEALTH OFFICER	9-13-78 DATE
APPROVED: Howard County Office of Planning and Zoning	
Thomas H. Harris Jr., PLANNING DIRECTOR	9-15-78 DATE
CHIEF, DIVISION OF LAND DEVELOPMENT	9/15/78 DATE

OWNER
DEVELOPER

LIBER 436 PAGE 55
SAVAGE CO.,
411 TELEGRAPH ROAD
ODENTON, MD.

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 8-7-78

LEGEND
- ✱ PROPOSED TREES
- R-12 ZONING
- (13) PARKING SPACES

JOHN E. HARMS, JR. & ASSOCIATES, INC.
CONSULTING ENGINEERS
P. O. BOX No. 5
PASADENA, MARYLAND

STATE OF MARYLAND — JOHN E. HARMS, JR. — REGISTERED PROFESSIONAL ENGINEER

PARKING LOT SITE PLAN

THE SAVAGE MILLS

ELECTION DISTRICT NO. 6 — HOWARD COUNTY, MD.
TAX MAP NO. 47 PARCEL 461
SCALE: AS SHOWN — JUNE, 1978

SHEET NO. 1 OF 3

SDP-79-04 B-3511-2-3

SEEDING & SODDING SPECIFICATIONS

1. GENERAL: No permanent seeding is to be done between May 30 - September 15 and November 15 - February 5. Disturbed areas are to be mulched until the beginning of the seeding season.
2. CLEAN-UP: Prior to seeding or sodding, the surface shall be cleared of all trash, debris, stones larger than 1 1/2" diameter and of all roots, brush, wire, grade stakes and other objects that would interfere with planting or maintenance operations.
3. SOIL PREPARATION: Apply 2,000 pounds/acre or 46 pounds/1,000 square feet of Pulverized Dolomitic Limestone, or its equivalent, and 1,000 pounds/acre or 23 pounds/1,000 square feet of 10-10-10 fertilizer, or its equivalent. Harrow or Disc, Lime and fertilizer into the soil to a depth of 2-3 inches. Continue tillage until a reasonably uniform, fine, firm seedbed has been prepared. The final harrowing or discing operations shall be on the contour, where possible.
4. FINAL GRADING: Any undulations or irregularities in the surface resulting from fertilization, liming, tilling or other causes shall be leveled prior to seeding or sodding. Flooded, washed out, or otherwise damaged area shall be reconstructed with all grades re-established by the Contractor in accordance with the drawings and/or applicable specifications.
5. SEEDING: (a) Application - Seed shall be Kentucky 31 Tall Fescue applied uniformly with a cyclone seeder, drill, cultipacker seeder, or hydro-seeder on a firm, moist seedbed at the rate of 220 - 260 pounds/acre or 5-6 pounds/1,000 square feet. The seedbed shall be firmed following seeding operations, with a cultipacker, roller or light drag.
   (b) Mulching - Immediately after seeding uniformly mulch seeded areas with unweathered small grain straw at the rate of 1 1/2 - 2 tons/acre or 70-90 pounds/1,000 square feet.
   (c) Asphalt Mulch Tie Down - Upon completion of the mulching operation apply emulsified asphalt (M.S.-2) at the rate of .04 gallons/square yard.
   (d) Maintenance - Periodic inspections shall be made of all seeded areas and all failures noted shall be repaired as required. If soil moisture is defficient, adequate water will be supplied until a uniform growth has been obtained.
6. SODDING: (a) Sod - Sod shall be Kentucky 31 Tall Fescue (80%) and Bluegrass (20%) and should have a compact root mat to insure mechanical strength and early, firm anchoring to soil surface. Cultivated sod only is to be used and should be State "approved sod" or better. Only moist fresh sod shall be used. Roll or tamp sod immediately following placement to insure solid contact of root mat and soil surface.
   (b) Installation - 1. Moistening the soil - During periods of high temperature and after all uneveness in the soil surface has been corrected, the soil shall be lightly irrigated immediately prior to laying the sod.
   2. Starter Strip - The first row shall be laid in a straight line with subsequent rows placed parallel to and tightly against each other. Lateral joints shall be staggered to promote more uniform growth and strength. Care shall be exercised to insure that the sod is not stretched or overlapped and that all joints are tightly butted in order to prevent voids which would cause air drying of roots.
   3. Sloping Surfaces - On sloping surfaces where erosion may be a problem, sod shall be laid with staggered joints and secured by tamping, pegging, or other approved methods.
   4. Watering and Rolling - Contractor shall water sod immediately after installation to prevent excessive drying during progress of work. As sodding is completed in any one section, the entire area shall be rolled. It shall then be thoroughly irrigated to a depth sufficient that the underside of the new sod pad and the soil immediately below the sod are thoroughly wet.
      (a) First Week: Soil on sod pads shall be kept moist at all times. In the absence of adequate rainfall, watering shall be performed daily or as often as necessary during the first week and in sufficient quantities to maintain moist soil to a depth of at least 4". Watering should be done during the heat of the day to help prevent wilting.
      (b) Second, and Subsequent Weeks: The sod shall be watered as required to maintain adequate moisture in the upper 4" of soil necessary for promotion of deep root growth.
   5. Mowing - The first mowing shall not be attempted until the sod is firmly rooted and securely in place. Not more than 1/3 of the grass leaf shall be removed by the initial cutting or subsequent cuttings. Grass height shall be maintained between 1 1/2" and 2", unless otherwise specified.
7. MAINTENANCE: Inspect all seeded areas for failures and make necessary repairs, replacements and reseedings. If soil moisture is defficient, supply new seedings with adequate water for plant growth until they are firmly established.

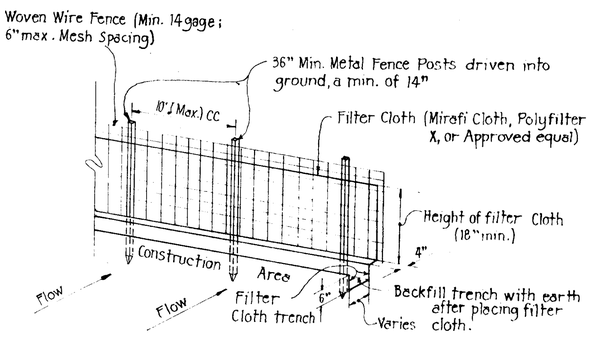
TEMPORARY SEEDING SPECIFICATIONS

1. SOIL PREPARATION: Apply 2,000 pounds/acre or 46 pounds/1,000 square feet of Pulverized Dolomitic Limestone, or its equivalent, and 1,000 pounds/acre or 23 pounds/1,000 square feet of 10-10-10 fertilizer, or its equivalent. Harrow or Disc, Lime and fertilizer into the soil to a depth of 2-3 inches. Continue tillage until a reasonably uniform, fine, firm seedbed has been prepared. The final harrowing or discing operations shall be on the contour, where possible.
2. SEEDING: (a) Application - Seed shall be Kentucky 31 Tall Fescue applied uniformly with a cyclone seeder, drill, cultipacker seeder, or hydro-seeder on a firm moist seedbed at the rate of 30 pounds/acre or .69 pounds/1,000 square feet. The seedbed shall be firmed following seeding operations, with a cultipacker, roller or light drag.
   (b) Mulching - Immediately after seeding uniformly mulch seeded areas with unweathered small grain straw at the rate of 1 1/2 to 2 tons/acre or 70-90 pounds/1,000 square feet.
   (c) Asphault Mulch Tie Down - Upon completion of the mulching operation apply emulsified asphault (M.S.-2) at the rate of .04 gallons/square yard.
   (d) Maintenance - Periodic inspections shall be made of all seeded areas and all failures noted shall be repaired as required. If soil moisture is deficient, adequate water will be supplied until a uniform growth has been obtained.

JOHN E. HARMS, JR. & ASSOCIATES, INC.
CONSULTING ENGINEERS
P.O. BOX NO. 5
PASADENA, MD. 21122

ESTIMATED SCHEDULE OF PHASING & DEVELOPMENT

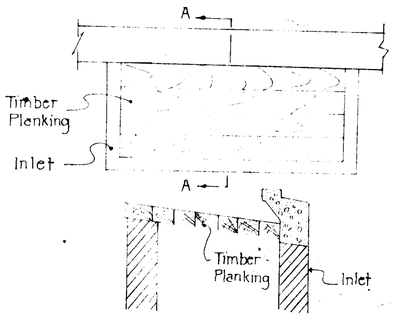
Phase I	Installation of Sediment Control Measures	Aug. 28, 1978	to	Sept. 4, 1978
Phase II	Rough Grading, Paving	Sept. 4, 1978	to	Oct. 2, 1978
Phase III	Final Grading & Stabilization	Oct. 2, 1978	to	Oct. 16, 1978
Phase IV	Removal of all Sediment Control Measures	Oct. 16, 1978	to	Oct. 23, 1978
Phase V	Maintenance	Oct. 23, 1978	to	Nov. 20, 1978



SILT FENCE DETAIL
No Scale

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"x24".

NOTES:
1. All sediment control measures are to be established prior to any grading operations.
2. No permanent seeding to be done between May 30 - Sept. 15 and Nov. 15 - Feb. 15. Disturbed areas to be mulched until beginning of seeding season.
3. Inlet as indicated to be plugged by timber planking in a manner to prevent filtration of sediment into inlet.



SECTION A-A

INLET PROTECTION DETAIL
NOT TO SCALE

GENERAL NOTES

1. Predominant soil type is MpC2, Montalto Silt Loam
2. Sediment control measures are to be constructed as shown on the plans and left in place until such time as the adjacent areas will be stabilized.
3. The developer is to notify the Howard Co. Department of Inspections & Permits when clearing & grading is to start. A copy of this notification will be sent to the Howard Co. Soil Conservation District.
4. Total Fill = 2122 C.Y. Total Cut = 1666 C.Y.
5. The Developer is responsible for obtaining all necessary drainage easements and/or rights to discharge.
6. Area to be vegetatively stabilized = 5800 SQ.FT.

APPROVED: For Public Water, Public Sewerage and Storm Drainage Systems and Roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Richard E. Fruedenberger — DIRECTOR — 9/11/78 DATE
W O Gilbert — CHIEF, BUREAU OF ENGINEERING — 9-11-78 DATE

APPROVED: For Public Water and Public Sewerage Systems
HOWARD COUNTY HEALTH DEPARTMENT
Joseph Forbes — COUNTY HEALTH OFFICER — 9-13-78 DATE

APPROVED: Howard County Office of Planning and Zoning
Vernon Gonzales — PLANNING DIRECTOR — 9-15-78 DATE
CHIEF, DIVISION OF LAND DEVELOPMENT — DATE

Reviewed for Howard S.C.D. and meets Technical Requirements
C. Wayne Ray — Signature — Date 6-28-78
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED Wes Earp DATE 8-28-78

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 8-7-78

DEVELOPER
LIBER 436 PAGE 55
SAVAGE CO.
411 TELEGRAPH ROAD
ODENTON, MD.

DEVELOPERS CERTIFICATE
I hereby certify that all land clearing construction & development will be done according to the Approved Erosion & Sediment Control Plan.
Jay Winer 8/23/78
JAY WINER — DATE

PARKING LOT
EROSION AND SEDIMENT CONTROL PLAN
THE SAVAGE MILL
ELECTION DISTRICT NO. 6 — HOWARD COUNTY, MD.
TAX MAP NO. 47 PARCEL 461
SCALE: AS SHOWN — JUNE, 1978

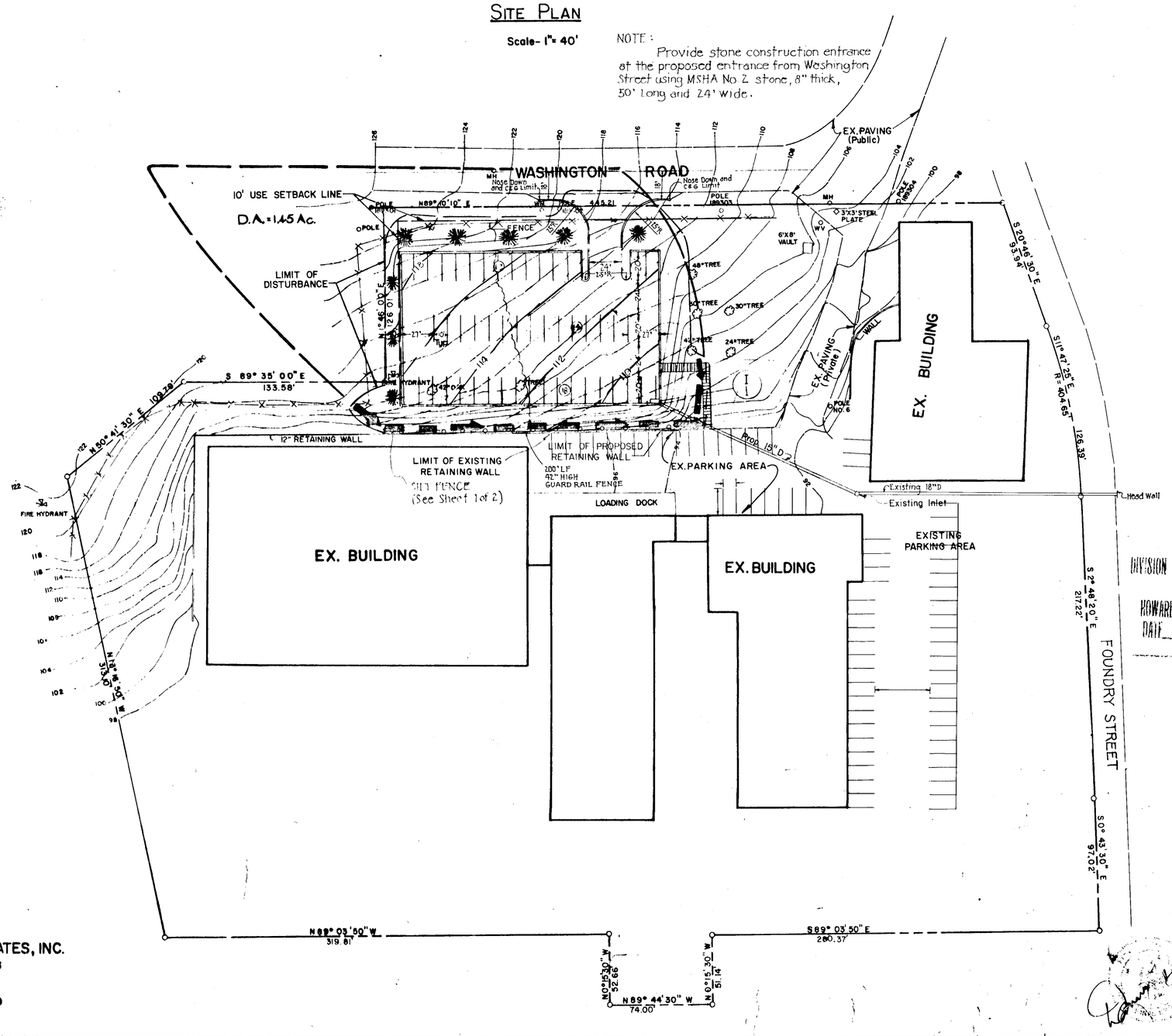
SHEET NO. 2 OF 3

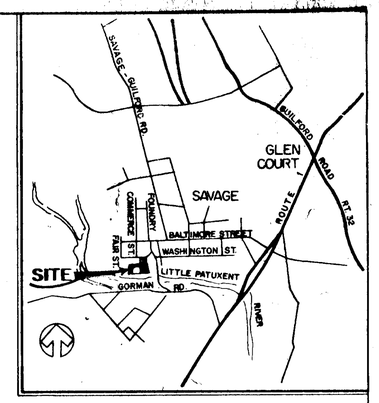
SDP-79-04 B-3511-2-2

SITE PLAN

Scale- 1"= 40'

NOTE :
Provide stone construction entrance at the proposed entrance from Washington Street using MSHA No. 2 stone, 8" thick, 50' long and 24' wide.





VICINITY MAP

SCALE: 1"=2000'

APPROVED: For Public Water, Public Sewerage and Storm Drainage Systems and Roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Richard E. Fredenberger — DIRECTOR — 9/11/78 DATE
W O Folbert — CHIEF, BUREAU OF ENGINEERING — 9-11-78 DATE

APPROVED: For Public Water and Public Sewerage Systems
HOWARD COUNTY HEALTH DEPARTMENT
COUNTY HEALTH OFFICER — 9-13-78 DATE

APPROVED: Howard County Office of Planning and Zoning
PLANNING DIRECTOR — 9-15-78 DATE
CHIEF, DIVISION OF LAND DEVELOPMENT — DATE

DEVELOPER

LIBER 436 PAGE 55
SAVAGE CO,
411 TELEGRAPH ROAD
ODENTON, MD.

APPROVED
DIVISION OF LAND DEVELOPMENT
HOWARD COUNTY, MARYLAND
DATE 8-7-78

Reviewed for Howard S.C.D. and meets Technical Requirements
C. Wayne Ray — Signature — Date 6-28-78
U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
APPROVED [illegible] DATE 8-28-78

LEGEND
* PROPOSED TREES
R-12 ZONING
(13) PARKING SPACES

PARKING LOT

EROSION AND SEDIMENT CONTROL PLAN

THE SAVAGE MILLS

ELECTION DISTRICT NO. 6 — HOWARD COUNTY, MD.
TAX MAP NO. 47 PARCEL
SCALE: AS SHOWN — JUNE, 1978

SHEET NO. 3 OF 3

JOHN E. HARMS, JR. & ASSOCIATES, INC.
CONSULTING ENGINEERS
P. O. BOX No. 5
PASADENA, MARYLAND

SDP-79-04 B-3511-2-1