

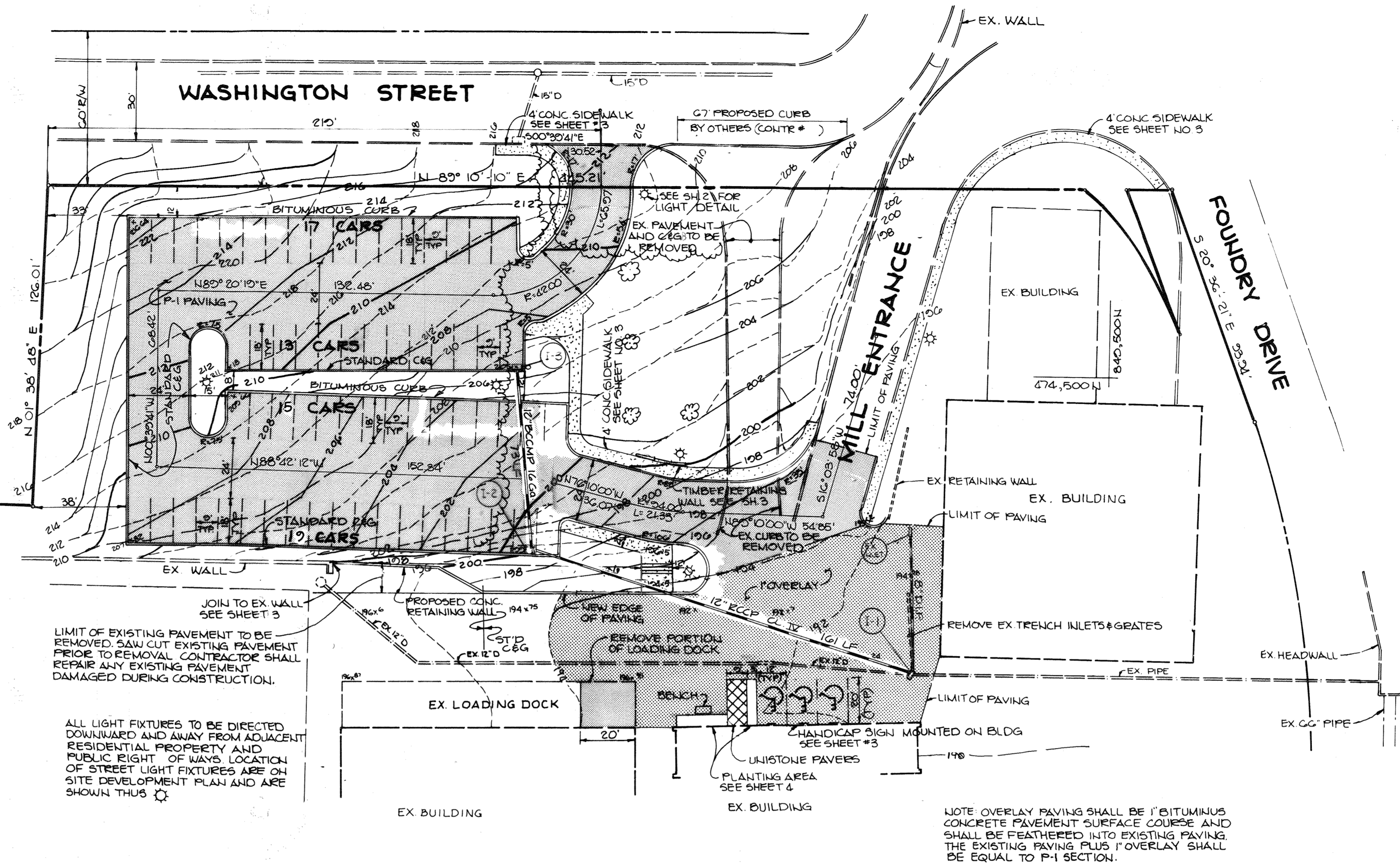
SHEET INDEX

NO	DESCRIPTION
1	SITE DEVELOPMENT PLAN
2	DRAINAGE AREA MAP AND SEDIMENT CONTROL PLAN
3	STORM DRAIN PROFILE AND DETAILS
4	PLANTING PLAN

PROPERTY OF
BOROUGH STORCH ET AL
MWB 214/253
ZONING R-20

PROPERTY OF
PATAPSCO HEIGHTS
LAND DEV CORP
WHH 466/308
ZONING R-20

PROPERTY OF
SAVAGE MILL
LIMITED PARTNERSHIP
ZONING R-20



LIMIT OF EXISTING PAVEMENT TO BE REMOVED. SAW CUT EXISTING PAVEMENT PRIOR TO REMOVAL. CONTRACTOR SHALL REPAIR ANY EXISTING PAVEMENT DAMAGED DURING CONSTRUCTION.

ALL LIGHT FIXTURES TO BE DIRECTED DOWNWARD AND AWAY FROM ADJACENT RESIDENTIAL PROPERTY AND PUBLIC RIGHT OF WAYS. LOCATION OF STREET LIGHT FIXTURES ARE ON SITE DEVELOPMENT PLAN AND ARE SHOWN THUS.

NOTE: OVERLAY PAVING SHALL BE 1" BITUMINOUS CONCRETE PAVEMENT SURFACE COURSE AND SHALL BE FEATHERED INTO EXISTING PAVING. THE EXISTING PAVING PLUS 1" OVERLAY SHALL BE EQUAL TO P-1 SECTION.

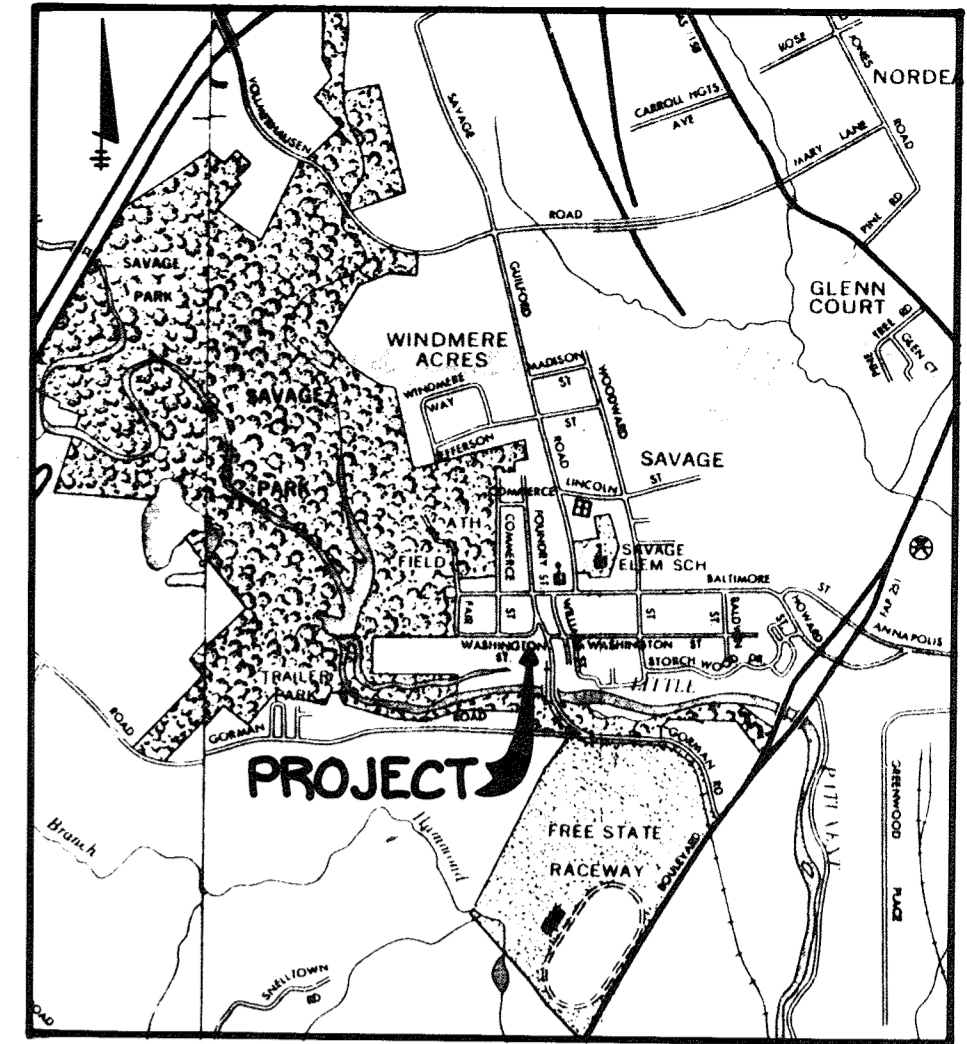
P-1 PAVING
 1" OVERLAY

Revision #2
See Capital Projects in J-4249: Foundry Street Pathway Improvements Project and Savage Complete Streets Improvements - Foundry Street Phase I for Roadway and Storm Drain Improvements along Foundry Street. Sheets 1 and 2 of this plan set are impacted.

NOTE:
GRADING FOR THE PARKING AREA SHALL NOT DISTURB ANY POSSIBLE ABANDONED FOUNDATIONS OR ARTIFACTS WHICH MIGHT BE BURIED BENEATH EXISTING GRADES. EXCEPT TO BURY THEM FURTHER, IF POSSIBLE ARCHITECT TO BE NOTIFIED IMMEDIATELY UPON DISCOVERY OF ANY ABANDONED FOUNDATIONS OR ARTIFACTS DURING CONSTRUCTION.

SITE TABULATION

TOTAL AREA	755 AC
AREA OF SUBMISSION	1.2 AC
ZONING	B-2
TOTAL BUILDING AREA	156,385 SF
TOTAL COMMERCIAL AREA	124,700 SF
PARKING	
PARKING REQUIRED FOR SITE	624 SPACES
PARKING PROVIDED SDP #85-146	238 SPACES
PARKING PROVIDED ON REMAINDER OF MILL SITE (15 SPACES REMOVED FROM 76 SPACES ON SDP #85-31 PREVIOUSLY SDP #80-155)	61 SPACES
PARKING PROVIDED WITH THIS SUBMISSION	67 SPACES
FUTURE PARKING TO BE PROVIDED	272 SPACES
TOTAL AREA OF PARKING LOT	20,020 SF
AREA OF LANDSCAPED ISLANDS (5% REQUIRED)	1814 SF (9.0%)
OPEN SPACE REQUIRED (20%)	10,454 SF
OPEN SPACE PROVIDED (40%)	24,083 SF



VICINITY MAP

SCALE: 1"=2000'

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

[Signature]
COUNTY HEALTH OFFICER
DATE: 11/12/84

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

[Signature] 11-13-84
PLANNING DIRECTOR
DATE
[Signature] 11-13-84
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
[Signature] 11-7-84
DIRECTOR
DATE
[Signature] 11-7-84
CHIEF, BUREAU OF ENGINEERING

11-14-84 Added Capital Project Ref. Note

4-10-85 PROPOSED GRADE & PIPE REVISION - P.B.E.

DATE NO REVISION

OWNER/DEVELOPER
SAVAGE MILL LIMITED PARTNERSHIP
THE MIDWAY BUILDING
211 TELEGRAPH ROAD
ODENTON, MARYLAND 21113

PROJECT
SAVAGE MILL NORTH PARKING LOT

AREA
TAX MAP No. 47 P.03
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE
SITE DEVELOPMENT PLAN

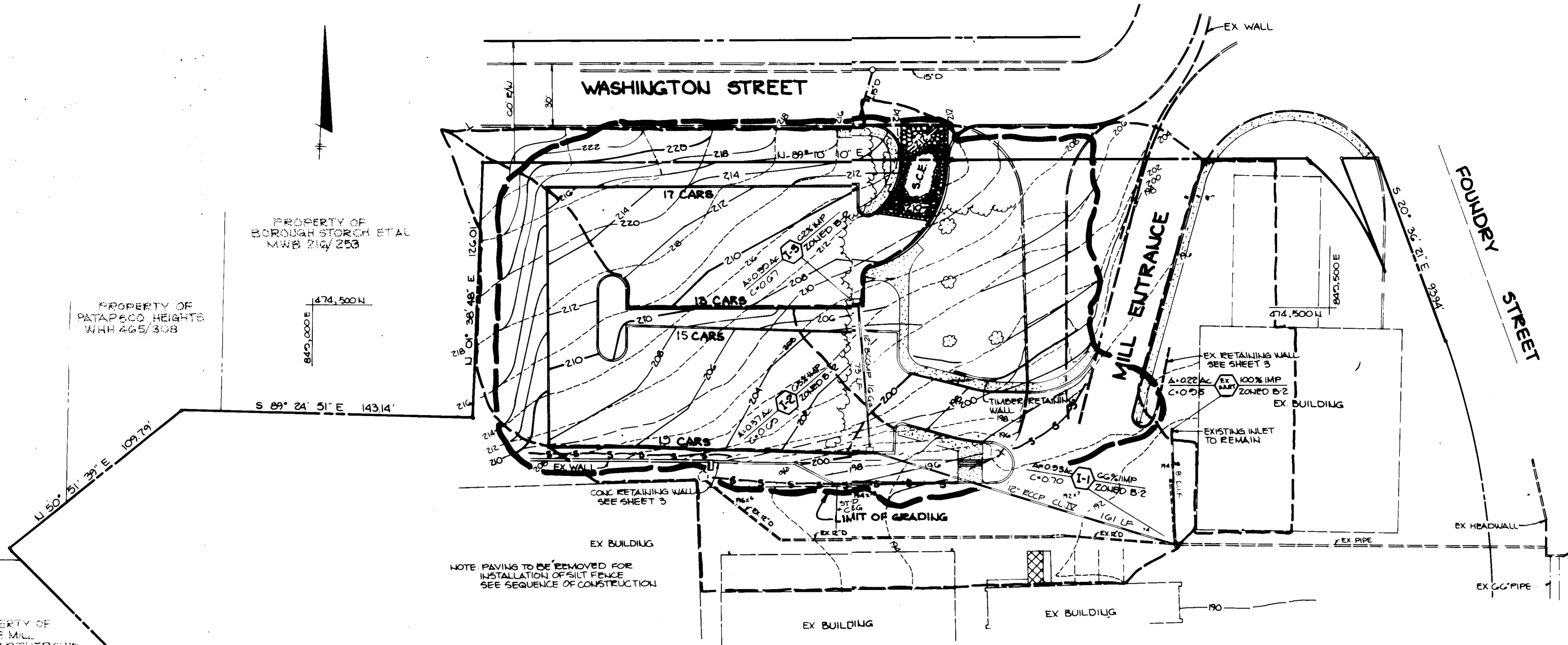
THE RIEMER GROUP, INC.
A LAND PLANNING, DESIGN & CIVIL ENGINEERING FIRM
3105 HEALTH PARK DRIVE, ELLICOTT CITY, MD. 21043 301-461-2690

DATE: 10/17/84
DESIGNED BY J.O.P.
DRAWN BY J.C.U.
PROJECT NO. 012000
DATE:
SCALE: 1"=30'
DRAWING NO. 1 OF 4

ADDRESS CHART	
PAR. NUMBER	STREET ADDRESS
03	0155 WASHINGTON STREET

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL#	
SAVAGE MILL NORTH PARKING LOT	-	03	
PLAT # OR L/F/BLOCK#	ZONE	TAX MAP/ELEC. DIST.	CENSUS TR.
1217/748	B-2	TAX MAP 47	C TH 6064
WATER CODE	SEWER CODE		

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE: 10-17-84
[Signature]



NOTE PAVING TO BE REMOVED FOR INSTALLATION OF SILT FENCE SEE SEQUENCE OF CONSTRUCTION

SEDIMENT CONTROL CONSTRUCTION NOTES
GENERAL NOTES

1. A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction. (992-2437)
2. All sediment control structures will be installed in accordance with '1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control' as published by Soil Conservation Service, Water Resources Administration and State Soil Conservation Committee.
3. Site grading will begin only after all perimeter sediment control measured have been installed and are in a functioning condition.
4. All perimeter sediment control structures, dikes, swales, ditches, perimeter slopes and all slopes greater than 3:1 will be stabilized with in (7) seven calendar days or all other disturbed or graded areas on the site with in (14) fourteen calendar days.
5. Sediment will be removed from traps when its depth reaches the clean out elevation shown on the plans.
6. Fertilizer and lime rates may be changed through authorization by the Howard Soil Conservation District if soil test determine a reduction in the specified rates is justified.
7. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
8. References called for on the sediment control construction plan and details are made to '1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control.'
9. Sediment control will be installed before clearing and grubbing remainder of the site.

TEMPORARY SEEDING

Area to be seeded shall be recently loosened. If the ground is packed, crusted or hard, the top layer of soil shall be loosened by disking, raking or other acceptable means.

- A. Apply 10-20-10 fertilizer (or equivalent) at the rate of 600 lbs. per acre or 15 lbs. per 1000 square feet.
- B. Where soil is known to be highly acid, apply dolomitic limestone at the rate of 1 ton per acre.
- C. Work both into soil and seed with cyclone seeder, drill, cultipacker seeder or hydroseeder (slurry will include seed and fertilizer) at the rate of 40 lbs. per acre of Italian or perennial ryegrass.
- D. Mulch with unweathered small grain straw at the rate of 1 1/2 to 2 tons, per acre and anchor with a cutback asphalt or emulsified asphalt at the rate of 5 gal. per 1000 square feet.

PERMANENT SEEDING

Final stabilization will take place as soon as possible as weather conditions permit, as follows:

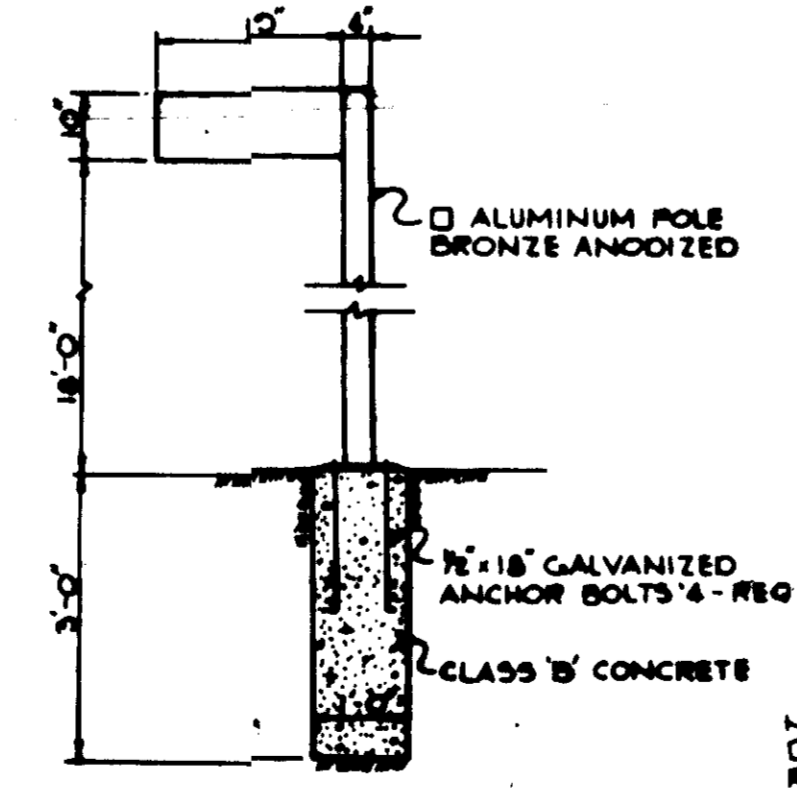
- A. Apply dolomitic limestone at the rate of 2 tons per acre (one ton per acre if application of ton per acre was made for temporary seeding.)
- B. Apply 0-20-20 fertilizer at the rate of 600 lbs. per acre harrow or disc line and 0-20-20 fertilizer into the soil to a minimum depth of 3" (lawns or high maintenance areas will be dragged and leveled with a York rake. At the time of seeding apply 400 pounds of 30-0-0 ureaform fertilizer and 500 lbs. of 10-20-20 or equivalent fertilizer per acre.
- C. Seed with a mixture of certified "Merion" Kentucky bluegrass - 40 lbs. per acre; common Kentucky bluegrass @ 40 lbs. per acre; Red Fescue, Pennlawn or Jamestown @ 20 lbs. per acre.
- D. Mulch with unweathered small grain straw at the rate of 1 1/2 to 2 tons per acre and anchor with a cutback asphalt or emulsified asphalt at the rate of 5 gallons per 1000 square feet.
- E. Seed all slopes with a mixture of certified Kentucky 31 tall fescue @ 50 lbs. per acre and inoculated Korean Leppodena @ 15 lbs. per acre.
- F. Sodded areas shall be Kentucky 31 tall fescue.

SEQUENCE OF CONSTRUCTION

1. OBTAIN GRADING PERMIT.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
3. CLEAR AND GRUB AREAS FOR INSTALLATION OF SEDIMENT CONTROL DEVICES ONLY, INCLUDING REMOVAL OF PAVEMENT NECESSARY FOR SILT FENCE INSTALLATION ONLY.
4. INSTALL SEDIMENT CONTROL DEVICES AND STABILIZE AREA DISTURBED IN ACCORDANCE WITH PERMANENT SEEDING NOTES.
5. CONSTRUCT THE RETAINING WALL AT THE SOUTH END OF THE SITE.
6. CLEAR, GRUB AND ROUGH GRADE THE SITE.
7. INSTALL STORM DRAINS AND BLOCK THE INLETS IN ACCORDANCE WITH INLET PROTECTION DETAIL.
8. FINE GRADE AND INSTALL CURB AND GUTTER AND PAVE PARKING LOT.
9. COMPLETE ALL CONSTRUCTION AND STABILIZE ALL DISTURBED AREAS IN ACCORDANCE WITH THE PERMANENT SEEDING NOTES.
10. UPON APPROVAL OF THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR REMOVE ALL SEDIMENT CONTROL DEVICES. STABILIZE AREA DISTURBED BY THE REMOVAL IN ACCORDANCE WITH PERMANENT SEEDING NOTE.

NOTES:

1. ALL LIGHT FIXTURES TO BE 250 WATT MERCURY TYPE 12" HIGH WITH METAL POLES AND DIRECTED DOWNWARD.
2. LOCATIONS OF LIGHT FIXTURES ARE ON THE PLAN AND ARE SHOWN THUS
3. LIGHTS TO BE AS MANUFACTURED BY GARDCO LIGHTING OR APPROVED EQUALS.



PARKING LOT LIGHTING
No Scale

GRADING SEDIMENT CONTROL SITE TABULATION

TOTAL AREA	755 AC
ZONING	B-2
PUBLIC WATER AND PUBLIC SEWER	EX. C2 BELTSVILLE SILT LOAM 5 TO 10 PERCENT SLOPES
PREDOMINANT SOIL TYPE	12 AC
TOTAL DISTURBED AREA	0.74 AC
AREA TO BE VEGETATIVELY STABILIZED	0.74 AC
AREA TO BE MECHANICALLY STABILIZED (PAVEMENT, STONE, ETC)	0.74 AC
GRADING	
TOTAL AREA	2845 CU YDS
TOTAL FILL	515 CU YDS
EXCESS/BORROW	2330 CU YDS
TOPSOIL (ESTIMATED DEPTH)	1050 CU YDS

NOTE ALL LIGHT FIXTURES TO BE DIRECTED DOWNWARD AND AWAY FROM ADJACENT RESIDENTIAL PROPERTY AND PUBLIC RIGHTS OF WAY. LOCATION OF STREET LIGHT FIXTURES ARE ON SITE DEVELOPMENT PLAN AND ARE SHOWN THUS

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
 PLANNING DIRECTOR *J. J. ...* 11-13-84 DATE
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION *John W. ...* 11-13-84 DATE

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 DIRECTOR *...* 11-7-84 DATE
 CHIEF, BUREAU OF ENGINEERING *...* 11-7-84 DATE

BY THE DEVELOPER:
 I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.
 DEVELOPER *...* 10/23/84 DATE

BY THE ENGINEER:
 I 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.
 ENGINEER *...* DATE

REVIEWED FOR *Howard* S.C.D. NAME
 AND MEETS TECHNICAL REQUIREMENTS
 U.S. SOIL CONSERVATION SERVICE *James M. ...* 11/1/84 DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 HOWARD S.C.D. *Stephen L. ...* 11-1-84 DATE

4-10-86 PROPOSED GRADE & PIPE REVISION - P.E.E.
 DATE NO REVISION

OWNER/DEVELOPER
 SAVAGE MILL LIMITED PARTNERSHIP
 THE MIDWAY BUILDING
 411 TELEGRAPH ROAD
 OCENTON, MARYLAND 21113

PROJECT
 SAVAGE MILL
 NORTH PARKING LOT

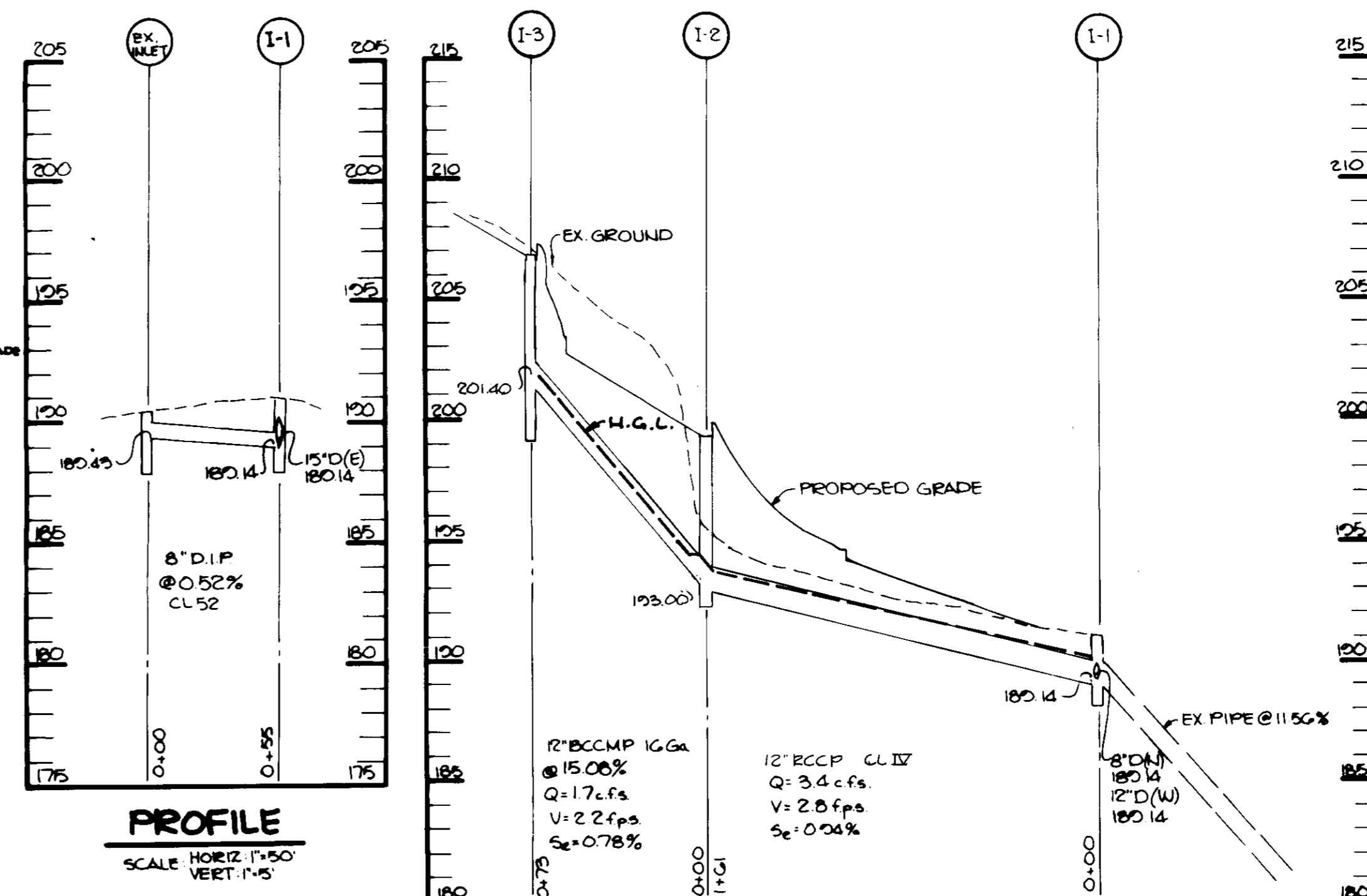
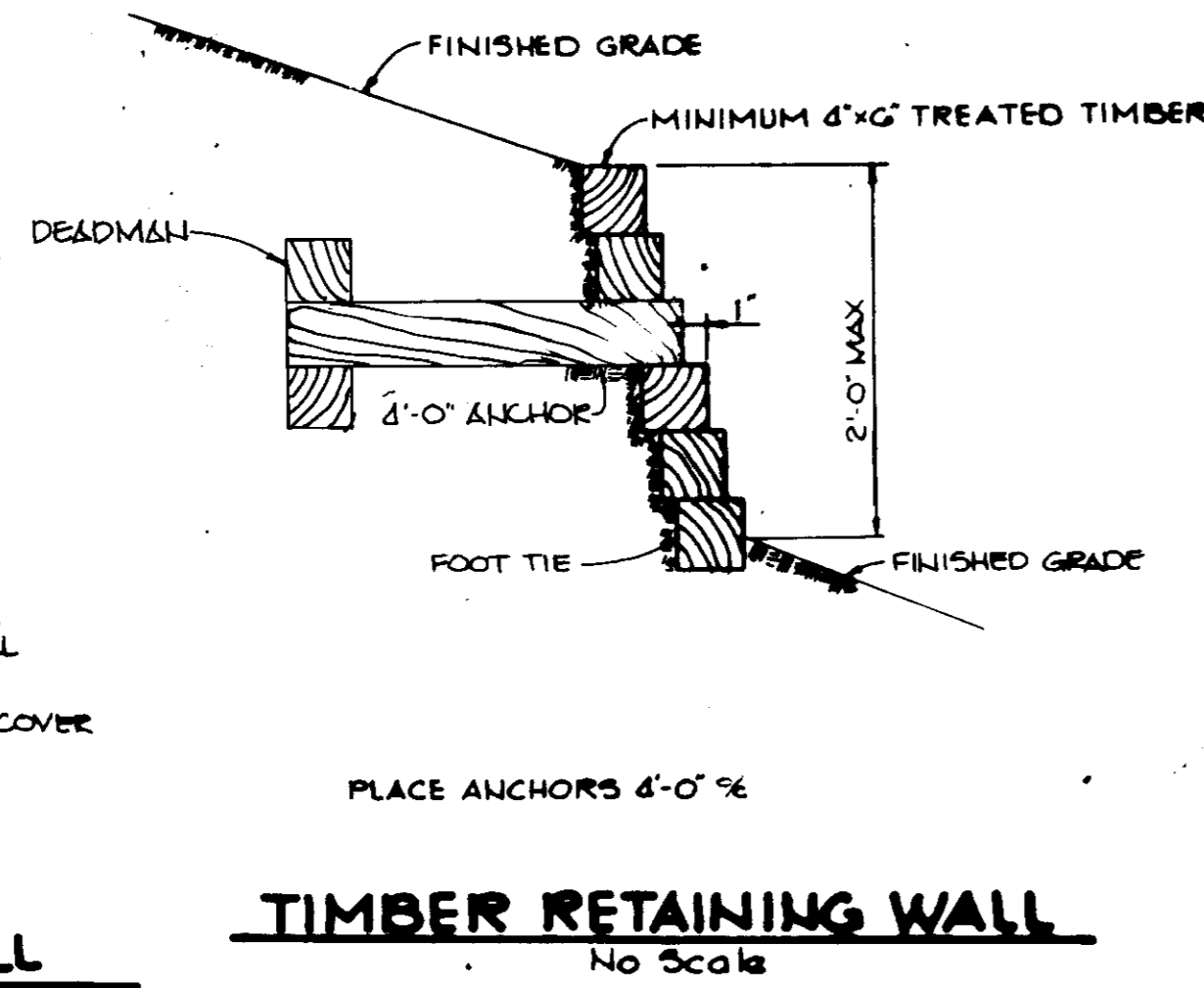
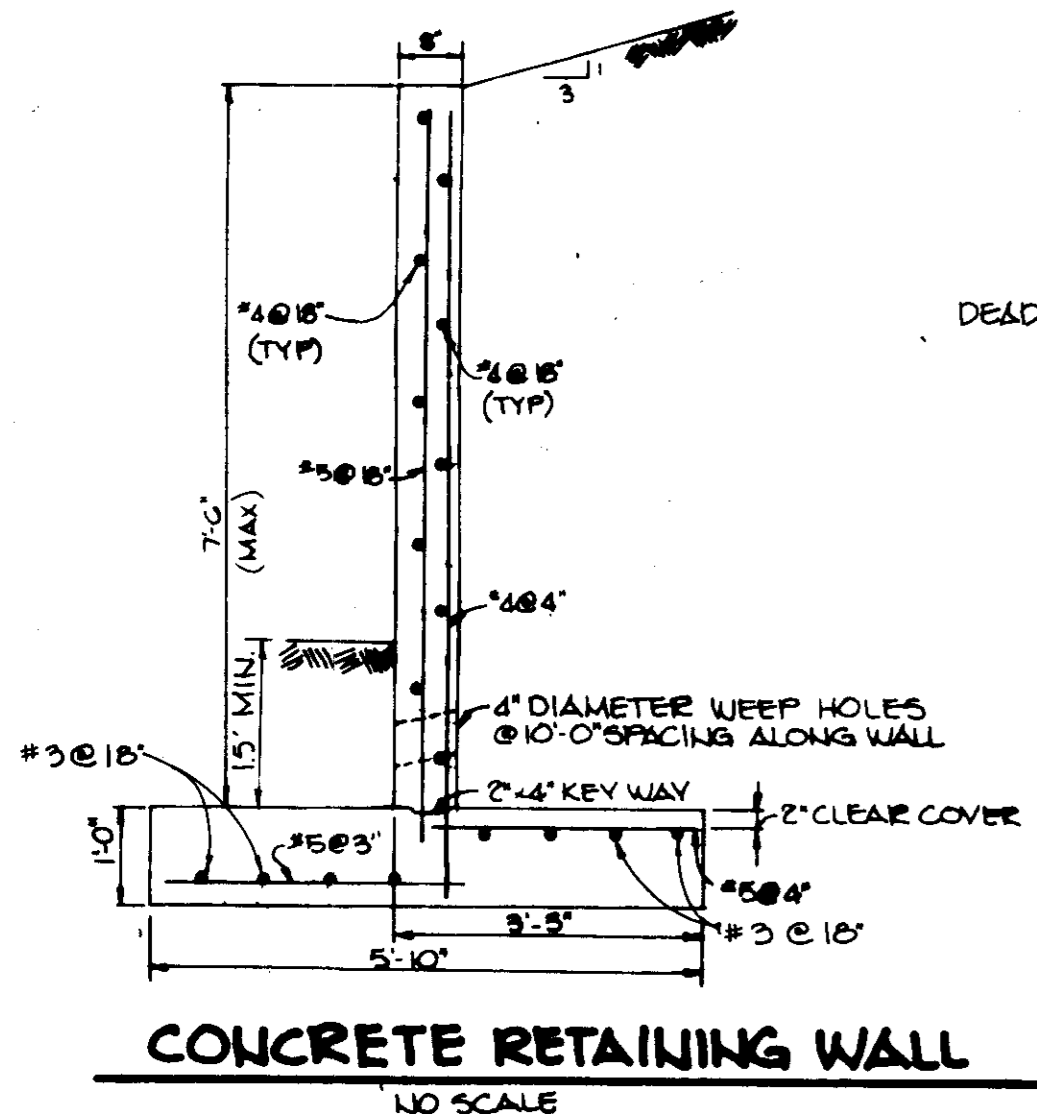
AREA
 TAX MAP No. 47 P 93
 6TH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

TITLE
 DRAINAGE AREA MAP AND
 SEDIMENT CONTROL PLAN

THE RIEMER GROUP, INC.
 A LAND PLANNING, DESIGN & CIVIL ENGINEERING FIRM
 3105 HEALTH PARK DRIVE, ELICOTT CITY, MD. 21103 301 461-2690

10/17/84 DATE
 DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 10-17-84
M. J. ...

DESIGNED BY J.D.P.
 DRAWN BY J.C.U.
 PROJECT NO. 012000
 DATE
 SCALE 1"=30'
 DRAWING NO. 2 OF 4



APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 10-17-84

BY THE DEVELOPER:
"I/CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT."
DEVELOPER: *Stephens L. Fuller* DATE: 10/22/84

BY THE ENGINEER:
"I 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."
ENGINEER: *Stephen L. Fuller* DATE: 10/22/84

REVIEWED FOR: *Howard* NAME: S.C.D.
AND MEETS TECHNICAL REQUIREMENTS
U.S. SOIL CONSERVATION SERVICE DATE: 11/28/84

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
Stephen L. Fuller DATE: 11/28/84
HOWARD S.C.D.

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
James M. Boyd DATE: 11/17/84
COUNTY HEALTH OFFICER

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
James G. Amick DATE: 11-13-84
PLANNING DIRECTOR
John W. Hueschman DATE: 11-13-84
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
George E. Nemy DATE: 11-9-84
DIRECTOR

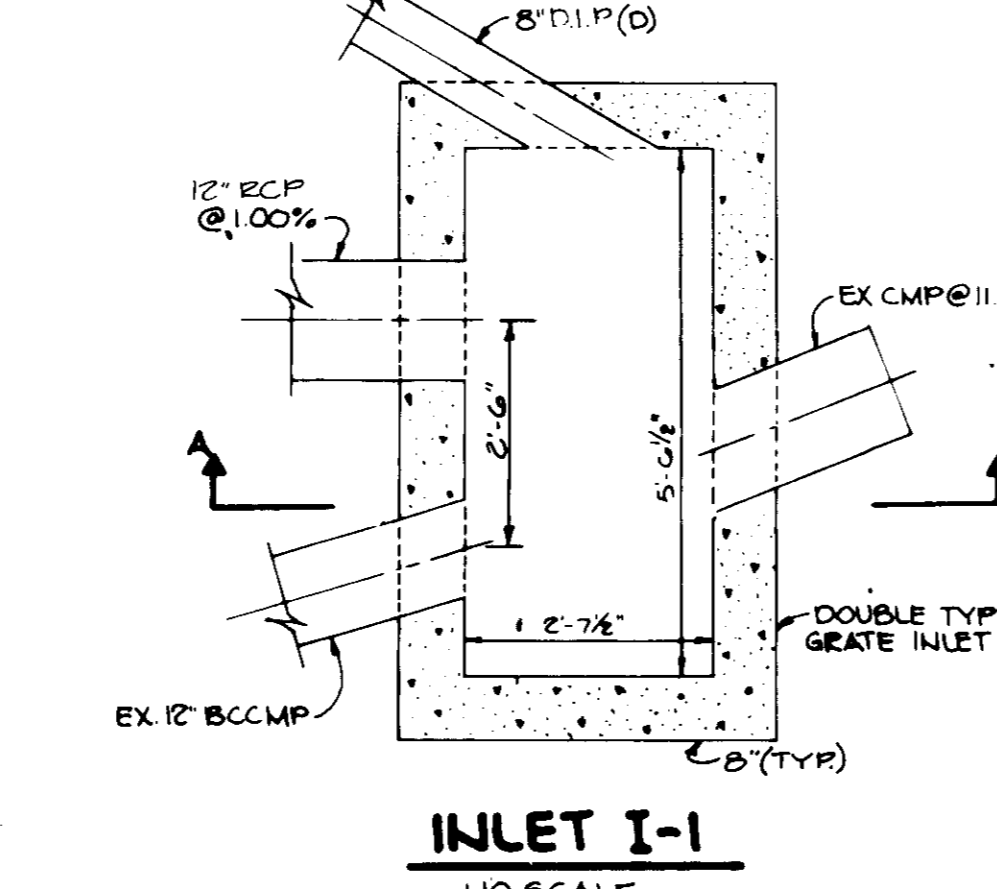
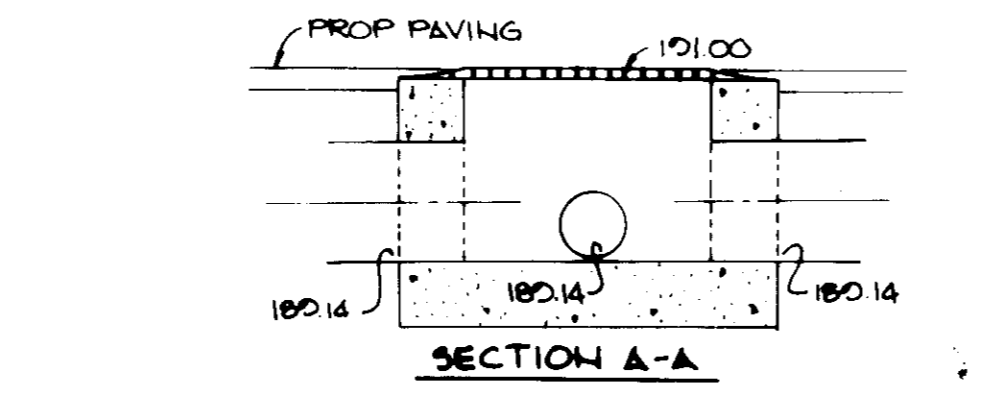
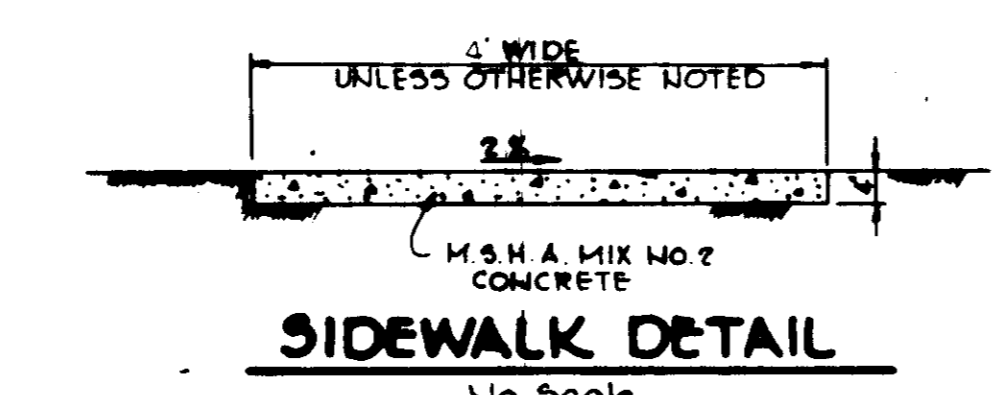
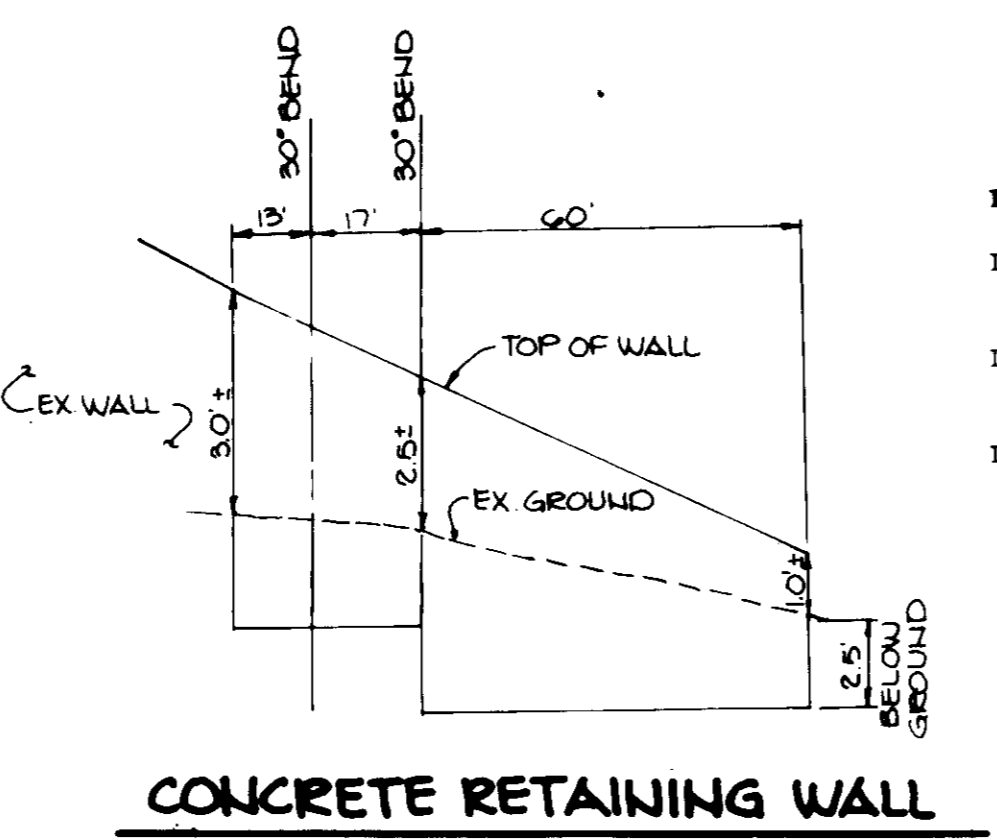
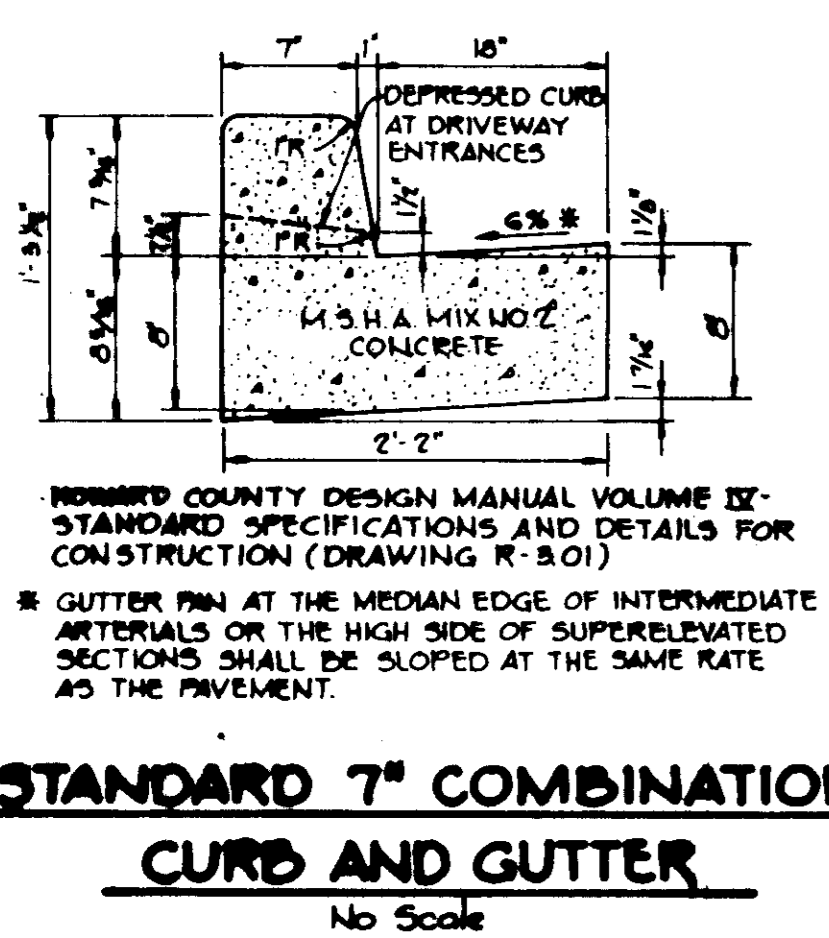
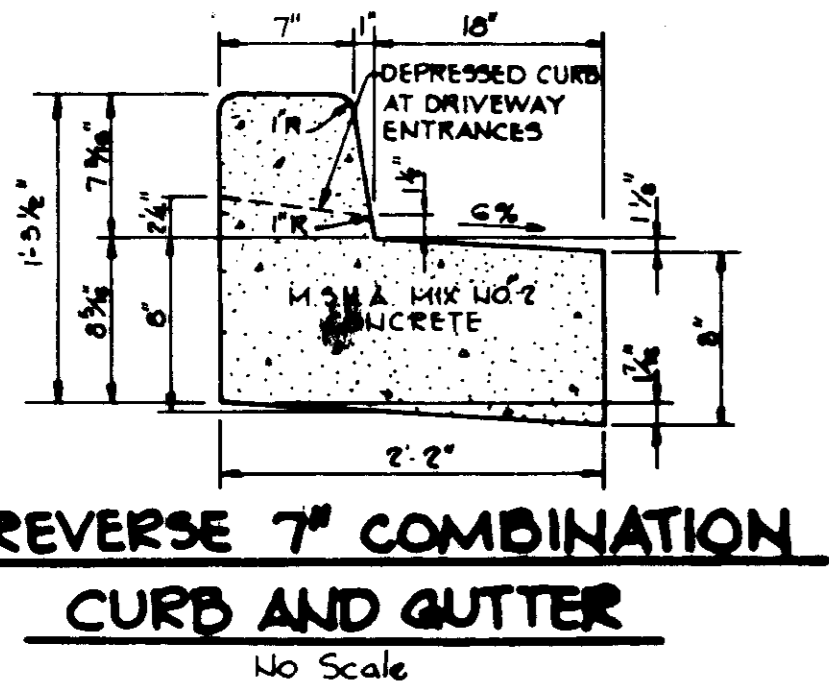
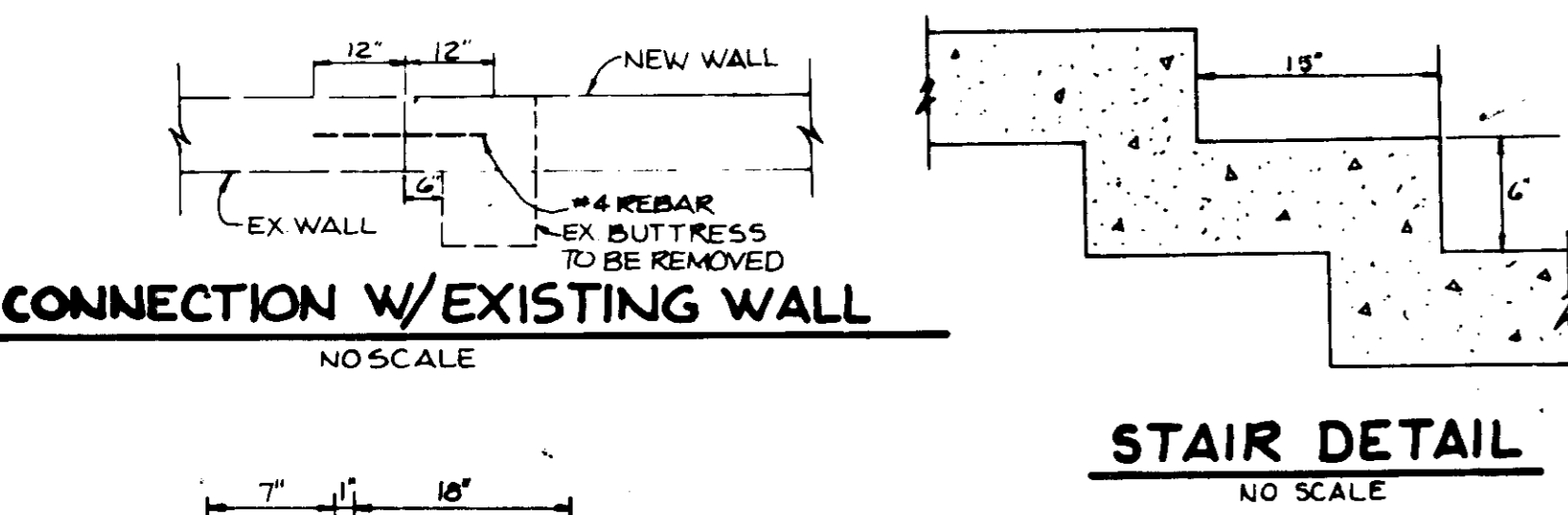
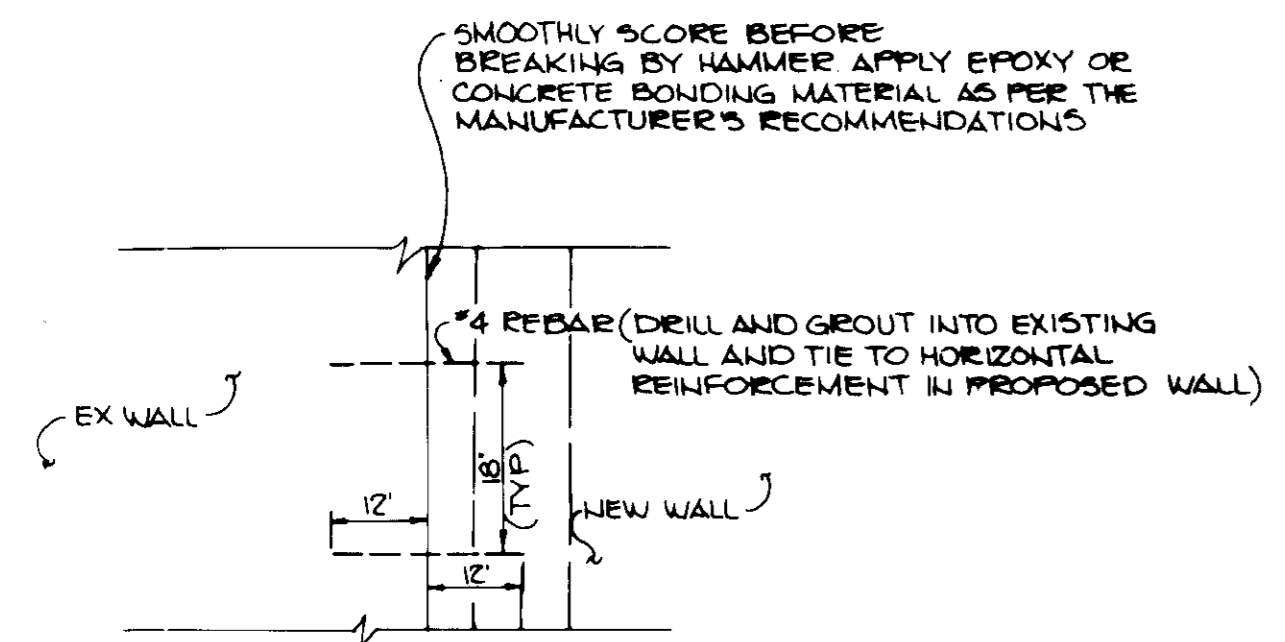
DATE: 11-7-84
CHIEF, BUREAU OF ENGINEERING

OWNER/DEVELOPER
SAVAGE MILL LIMITED PARTNERSHIP
THE MIDWAY BUILDING
411 TELEGRAPH ROAD
ODENTON, MARYLAND 21113

PROJECT: SAVAGE MILL NORTH PARKING LOT
AREA: TAX MAP NO. 47 P03
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

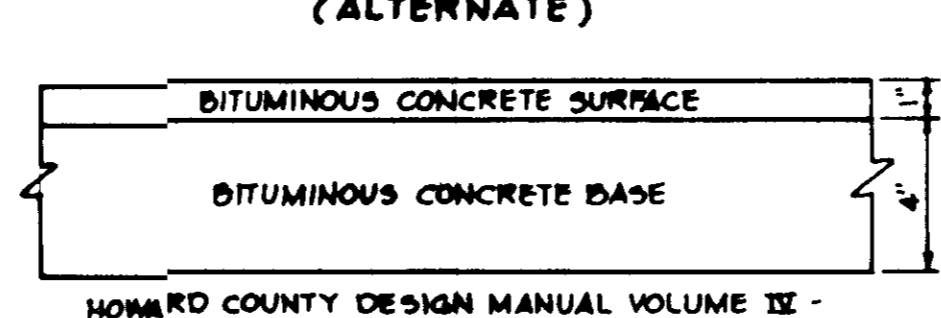
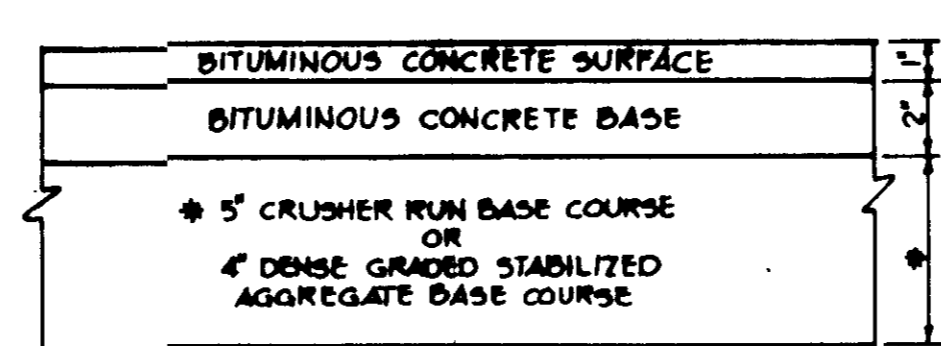
TITLE: STORM DRAIN PROFILES AND DETAILS
THE RIEMER GROUP, INC.
A LAND PLANNING, DESIGN & CIVIL ENGINEERING FIRM
3105 HEALTH PARK DRIVE, ELLICOTT CITY, MD. 21043 301-461-2690

DESIGNED BY: J.D.P.
DRAWN BY: DAM
PROJECT NO: 012000
DATE:
SCALE: AS SHOWN
DRAWING NO: 3 OF 4

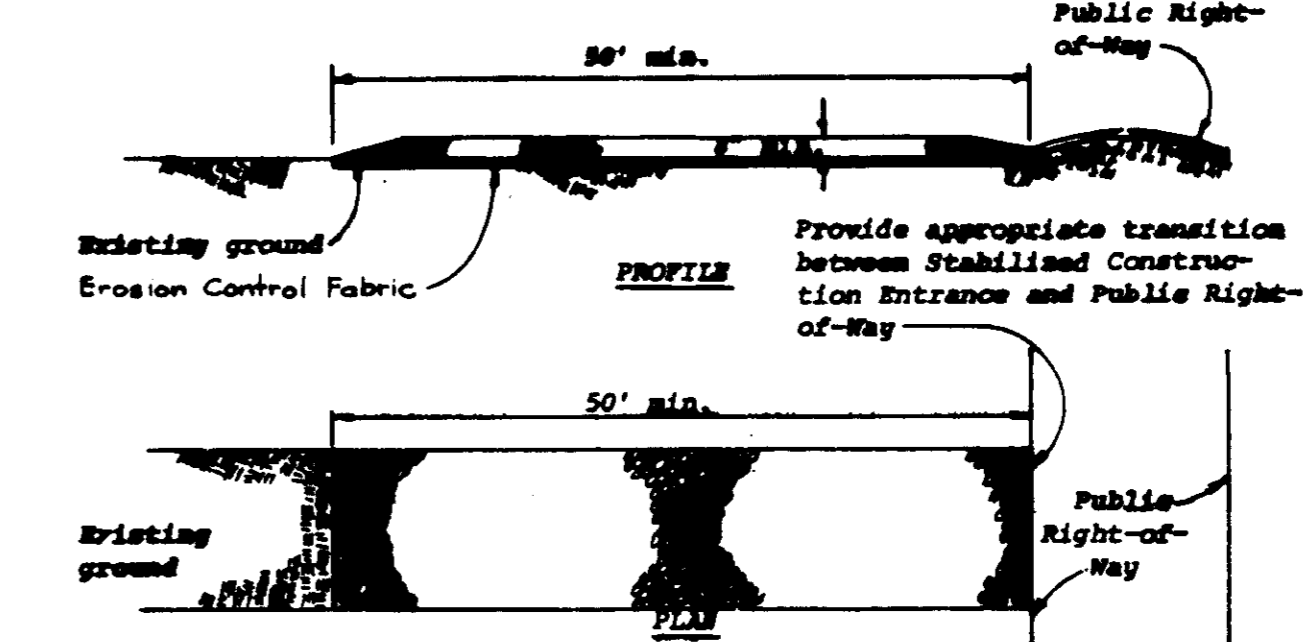
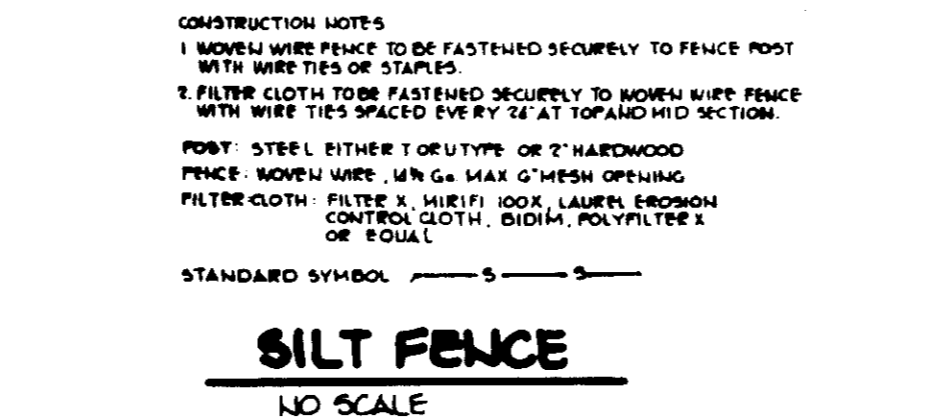
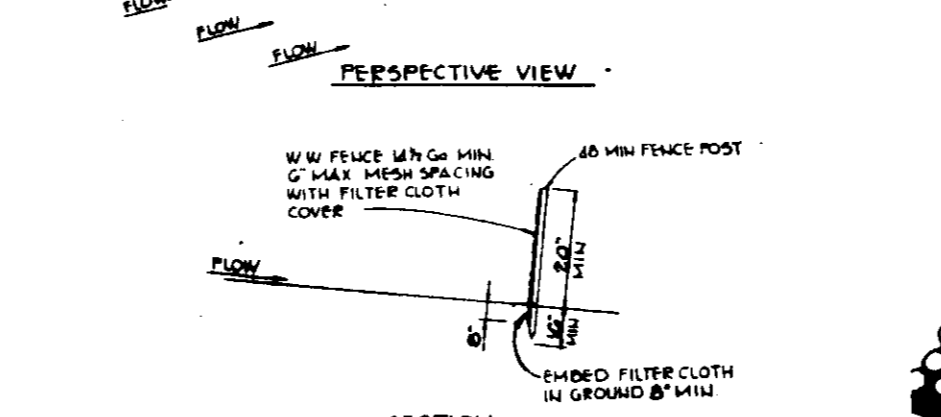
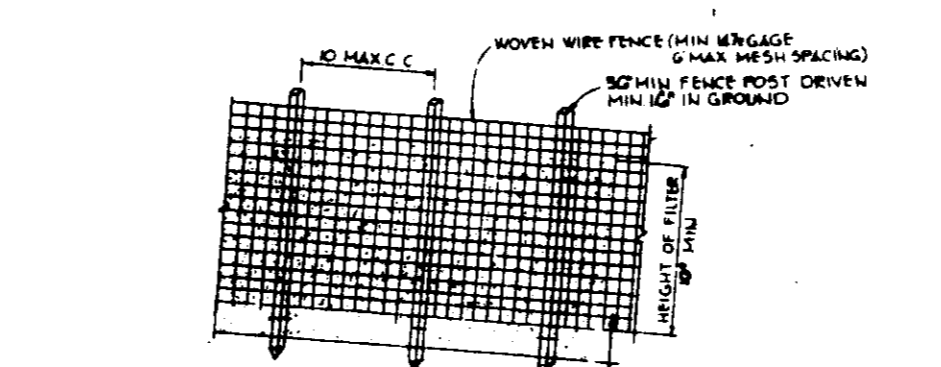


STRUCTURE SCHEDULE

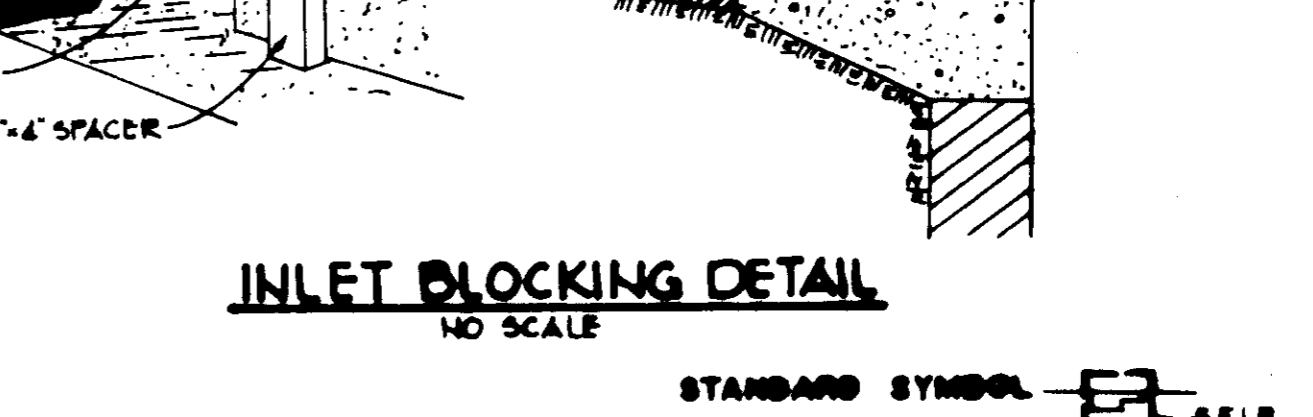
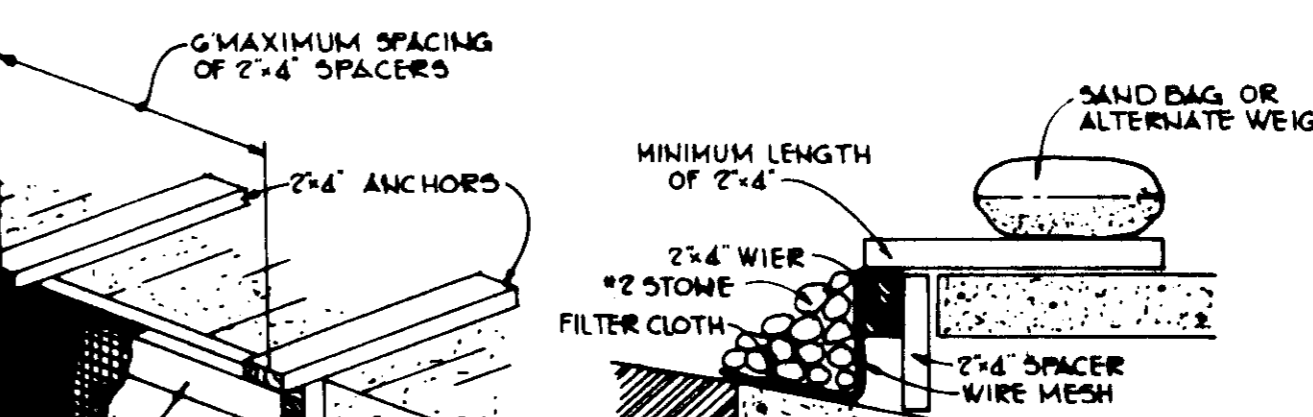
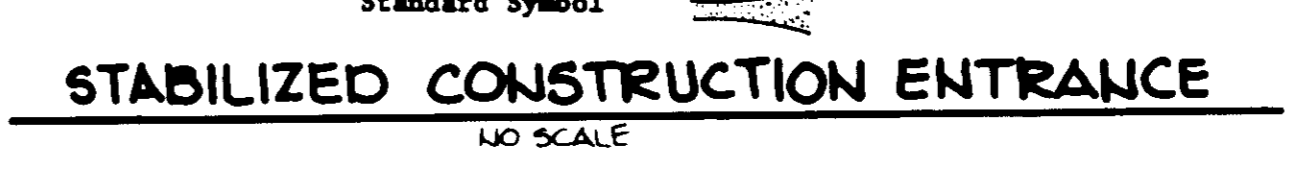
INLET	TYPE	LOCATION	INV/IN	INV/OUT	TOP ELEV.
I-1	Double 'S' Combination Ho Co ST'D SD-4.34	See Plan	189.14	189.14	191.00 (GRATE)
I-2	Double 'S' Combination Ho Co ST'D SD-4.34	See Plan	193.00	193.00	199.0
I-3	Double 'S' Plan II (See Detail)	See Plan	---	201.4	207.6

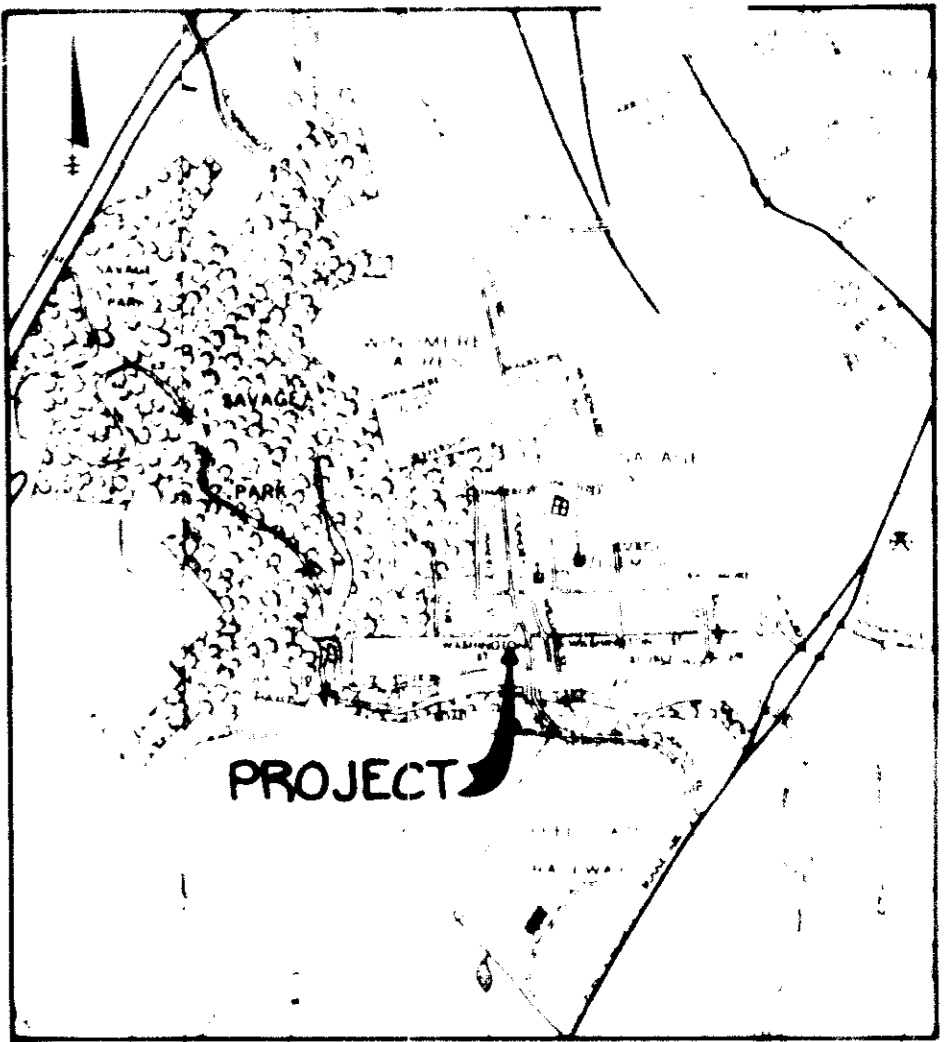
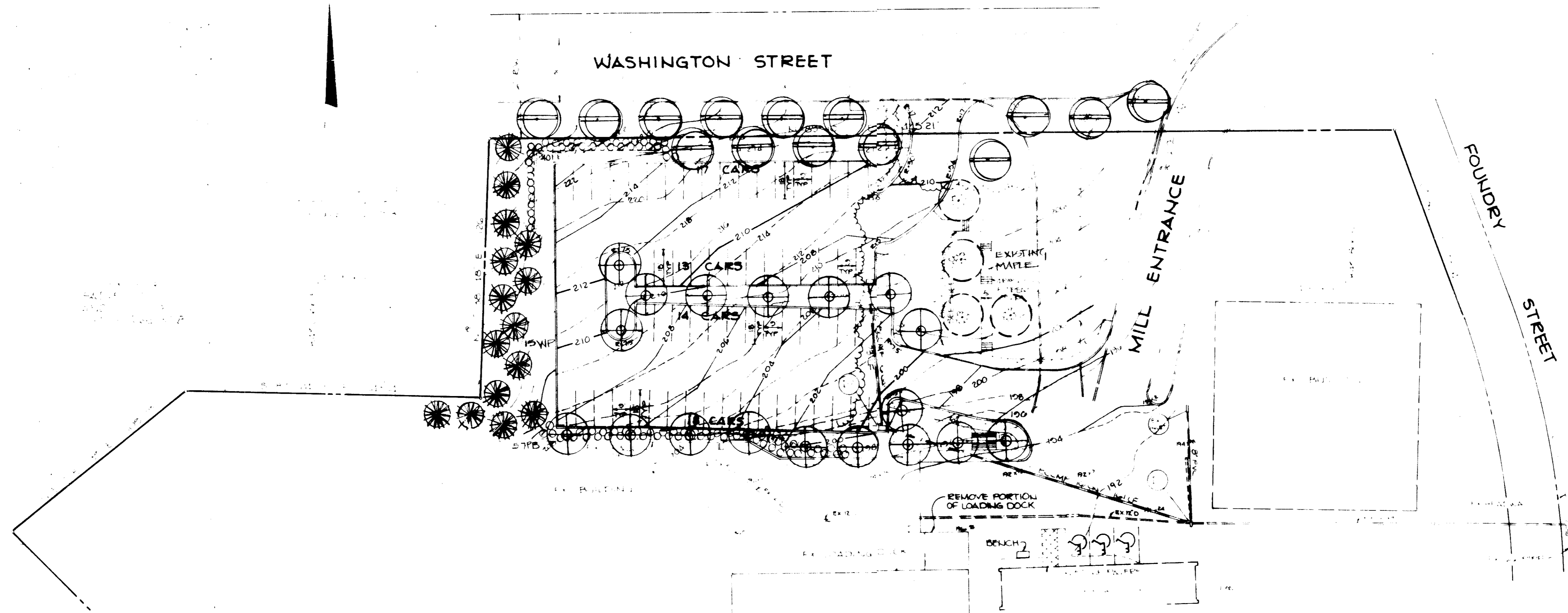


HOWARD COUNTY DESIGN MANUAL VOLUME III - STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-201)
(5" PAVING, P-1)



- Stone size - Use MSHA size No. 2 (2-1/2" to 1") or AASHTO designation MA3, size No. 2 (2-1/2" to 1-1/2"). Use crushed stone.
- Length - As effective, but not less than 50 feet.
- Thickness - Not less than eight (8) inches.
- Width - Not less than full width of all points of ingress or egress.
- Washing - When necessary, wheels shall be cleaned to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with crushed stone which drains into an approved sediment trap or sediment basin. All sediment shall be prevented from entering any storm drain, ditch, or watercourse through use of sand bags, gravel, boards or other approved methods.
- Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public rights-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or clean-out of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.





YICINITY MAP

SLATER ASSOCIATES
 SUITE 205 WILDE LAKE VILLAGE GREEN
 COLUMBIA MARYLAND 21044
 PHONE: 410-270-0001

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
John M. Lloyd 11-13-84
 COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas J. Harris 11-13-84
 PLANNING DIRECTOR DATE
John W. Muschman 11-13-84
 DEPARTMENT OF PLANNING AND ZONING ADMINISTRATION DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Steve F. Nemitz 11-7-84
 DIRECTOR DATE
James E. Riley 11-7-84
 CHIEF, BUREAU OF ENGINEERING DATE

PLANT LIST:

QTY.	SYMBOL	NAME	REMARK
14	RM	Acer rubrum Red Maple	2 1/2 - 3" Cal
18	HL	Gleditsia triacanthos Thornless Honeylocust	2 1/2 - 3" Cal
15	WP	Pinus strobus White Pine	6-8" Full (Not sheared)
17	PB	Berberis juliana Wintergreen Barberry	30-36" (Prune to 30")

- EXISTING
- RED MAPLE (RM)
- HONEY LOCUST (HL)
- EVERGREEN
- SHRUB

DATE: 11-13-84
 DIVISION: PLANNING
 WORK SHEET NUMBER: 11-13-84

SAVAGE MILL NORTH PARKING LOT

PLANTING PLAN

THE RIEMER GROUP, INC.

APPROVED
 DIVISION OF LAND USE
 ZONING ADMINISTRATION
 HOWARD COUNTY
 DATE 10-17-84
m/fam

STATE OF MARYLAND
John B. Slater
 DATE 11-12-84
 COUNTY ENGINEER