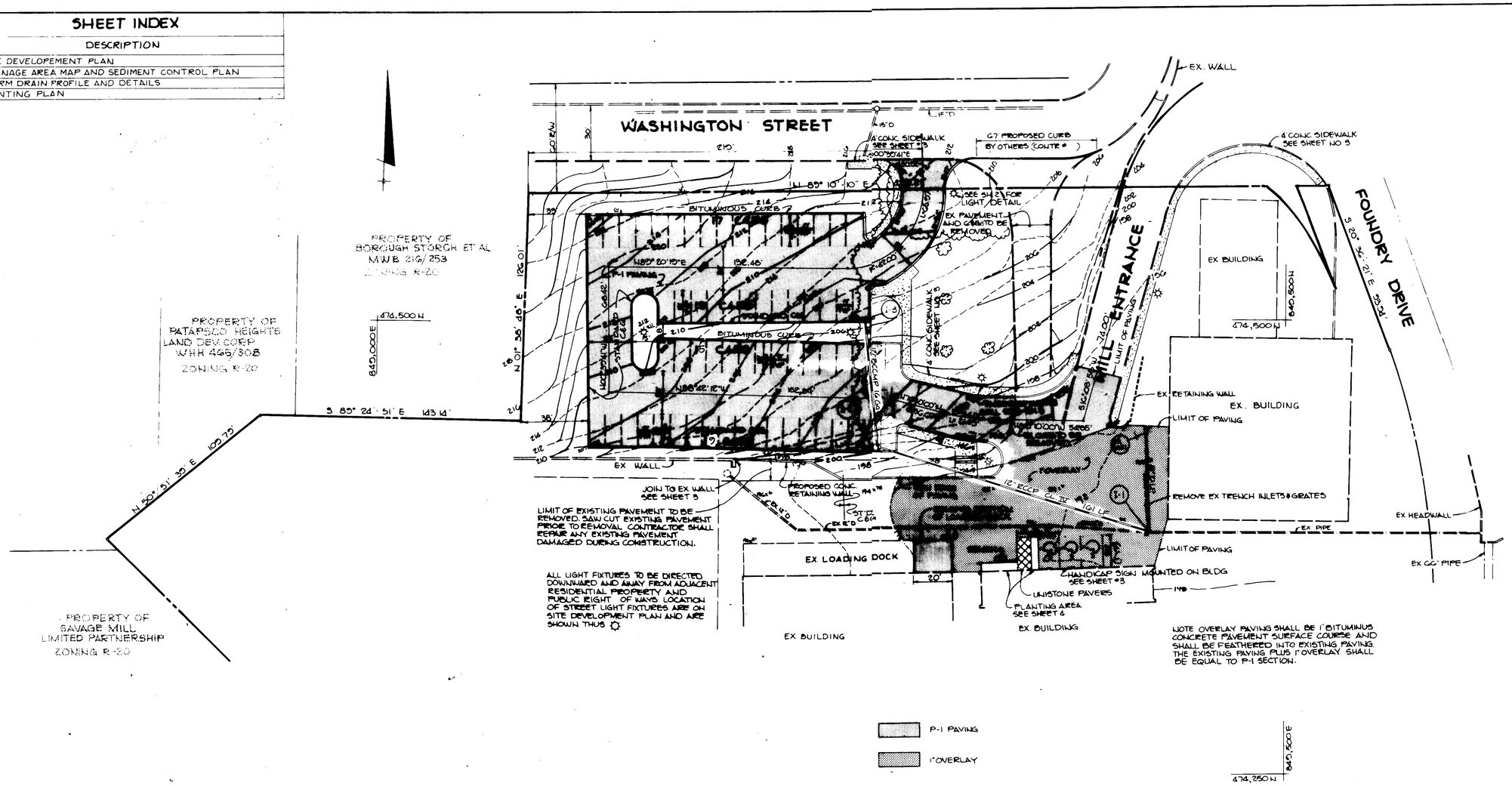
SHEET INDEX

	DESCRIPTION
1	SITE DEVELOPEMENT PLAN
2	DRAINAGE AREA MAP AND SEDIMENT CONTROL PLAN
3	STORM DRAIN PROFILE AND DETAILS
4	PLANTING PLAN



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

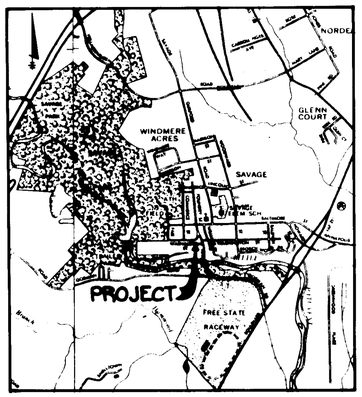
P-1 PAVING

1" OVERLAY

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	7.55 Ac
AREA OF SUBMISSION	1.2 Ac
ZONING	B-2
TOTAL BUILDING AREA	156,085 #
TOTAL COMMERCIAL AREA	124,760 #
PARKING	
PARKING REQUIRED FOR SITE	624 SPACES
PARKING PROVIDED SDP 85-146	238 SPACES
PARKING PROVIDED ON REMAINDER OF MILL SITE (115 SPACES REMOVED FROM 70 SPACES ON SDP 85-51 PREVIOUSLY SDP 80-155)	
PARKING PROVIDED WITH THIS SUBMISSION	615 SPACES
FUTURE PARKING TO BE PROVIDED	67 SPACES
TOTAL AREA OF PARKING LOT	272 SPACES
AREA OF LANDSCAPED ISLANDS (5% REQUIRED)	20,620 SF 1814 SF (8.8%)
OPEN SPACE REQUIRED (20%)	10,454 SF
OPEN SPACE PROVIDED (46%)	24,093 SF



YICINITY MAP
SCALE 1" = 2000'

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 — DATE 11-13-84

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 11-13-84

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

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE 11-7-84

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

DATE	NO	REVISION
4-10-85		PROPOSED GRADE & PIPE REVISION - P.B.E.

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 P 93
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

10/29/84 DATE

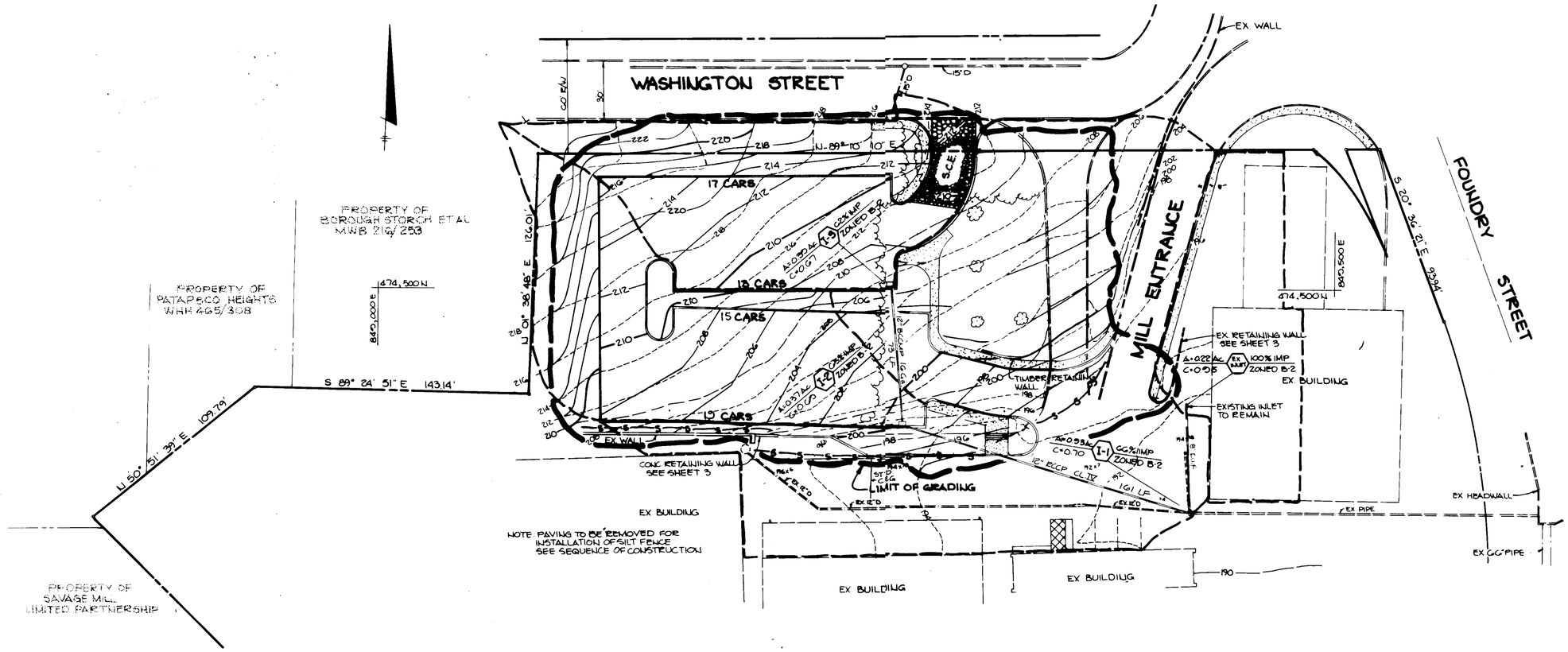
DESIGNED BY J.D.P.
DRAWN BY J.C.J.
PROJECT NO 012000
DATE
SCALE 1" = 30'
DRAWING NO 1 OF 4

ADDRESS CHART	
PLR NUMBER	STREET ADDRESS
93	9155 WASHINGTON STREET

SUBDIVISION NAME			SECT/AREA	LOT/PARCEL #
SAVAGE MILL NORTH PARKING LOT			—	93
PLAT # OR L/F	BLOCK #	ZONE	TAX/ZONE MAP	ELEC. DIST.	CENSUS TR
1217/748	11	B-2	TAX MAP 47	6TH	6064
WATER CODE			SEWER CODE	

10-17-84

SDP-85-51



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 measures 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 calander days and all other disturbed or graded areas on the site with in (14) fourteen calender 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 discing, 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 1½ 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:

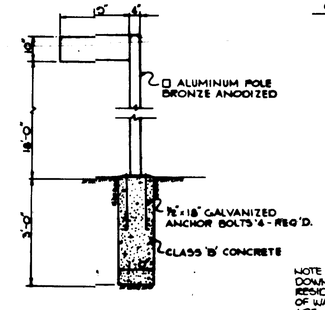
A. Apply dolomitic limestone at the rate of 2 tons per acre (one ton per acre if application of ton per acre was made for temporary seeding.)
B. Apply 0-20-20 fertilizer at the rate of 600 lbs. per acre harrow or disc lime and 0-20-20 fertilizer into the soil to a minimum depth of 3" lawns or high maintenance 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 1½ 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 Lespedeza @ 15 lbs. per acre.
F. Sodded swales 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

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

GRADING SEDIMENT CONTROL SITE TABULATION

TOTAL AREA	7.55 Ac
ZONING	B-2
PUBLIC WATER AND PUBLIC SEWER	
PREDOMINANT SOIL TYPE	BeC2-BELTSVILLE SILT LOAM 5 TO 10 PERCENT SLOPES
TOTAL DISTURBED AREA	1.2 Ac
AREA TO BE VEGETATIVELY STABILIZED	0.46 Ac.
AREA TO BE MECHANICALLY (PAVEMENT, STONE, ETC) STABILIZED	0.74 Ac
GRADING	
TOTAL AREA	2845 CU.YDS
TOTAL FILL	515 CU YDS
EXCESS/BORROW	2330 CU YDS
TOPSOIL (3" ESTIMATED DEPTH)	1050 CU YDS

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

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 — DATE 11-13-84
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 11-13-84

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

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE 11-7-84
CHIEF, BUREAU OF ENGINEERING — DATE 11-7-84

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 — DATE 10/23/84

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 — DATE

REVIEWED FOR Howard S.C.D. (NAME)
AND MEETS TECHNICAL REQUIREMENTS

U.S. SOIL CONSERVATION SERVICE — DATE 11/1/84

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

HOWARD S.C.D. — DATE 11-1-84

DATE	NO	REVISION
4-10-85		PROPOSED GRADE & PIPE REVISION - F.E.R.

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 P 93
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE: DRAINAGE AREA MAP AND SEDIMENT CONTROL PLAN

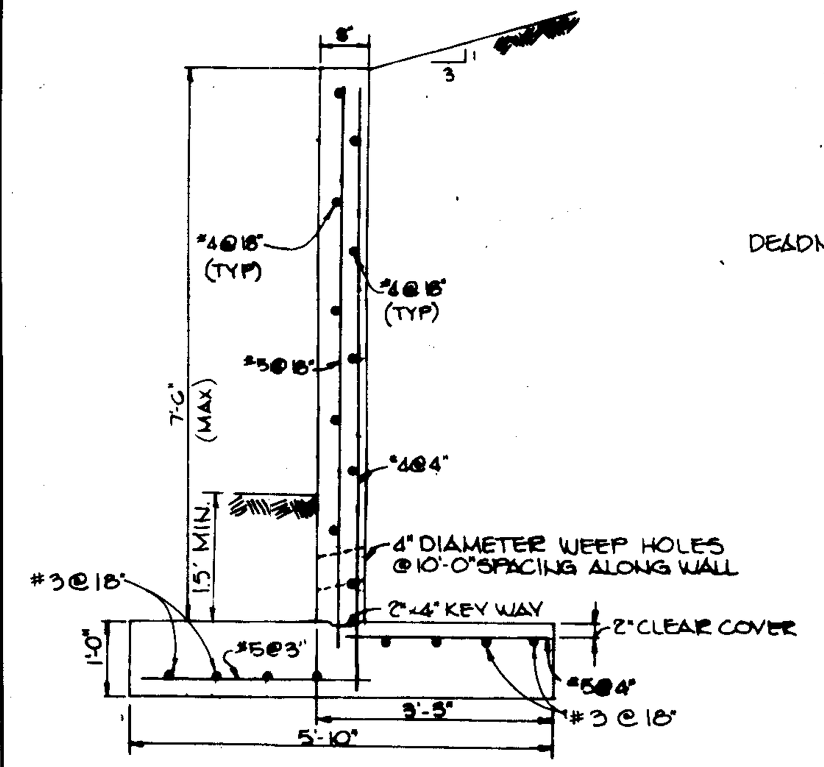
THE RIEMER GROUP, INC.
A LAND PLANNING, DESIGN & CIVIL ENGINEERING FIRM
3105 HEALTH PARK DRIVE, ELLICOTT CITY, MD. 21043 301 461-2690

10/12/84 DATE

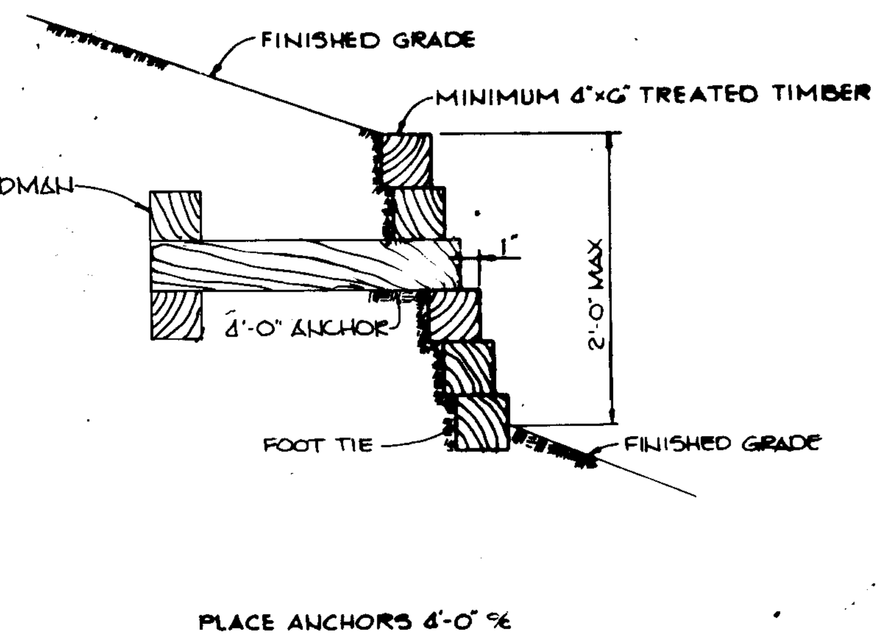
DESIGNED BY J.D.P.
DRAWN BY J.C.J.
PROJECT NO 012000
DATE
SCALE 1"=30'
DRAWING NO. 2 OF 4

SDP-85-51 OCTOBER 18, 1984 DAM

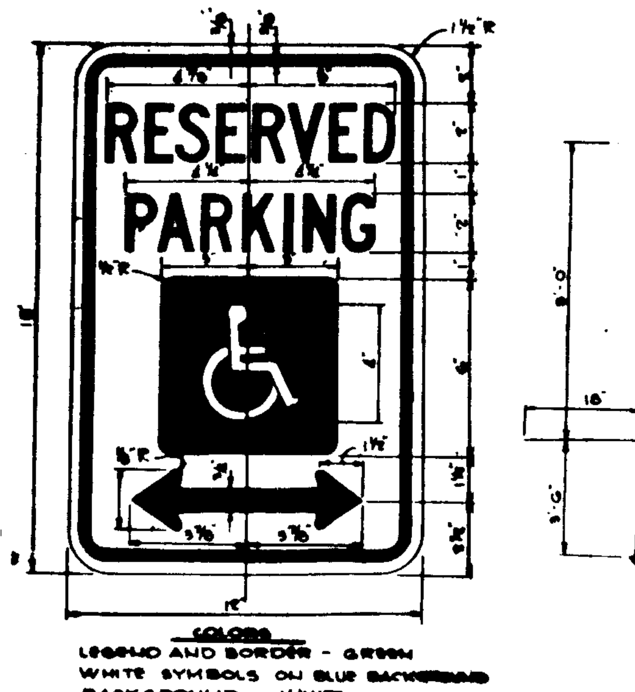
MARYLAND BLUEPRINT CO. INC. 752-6300



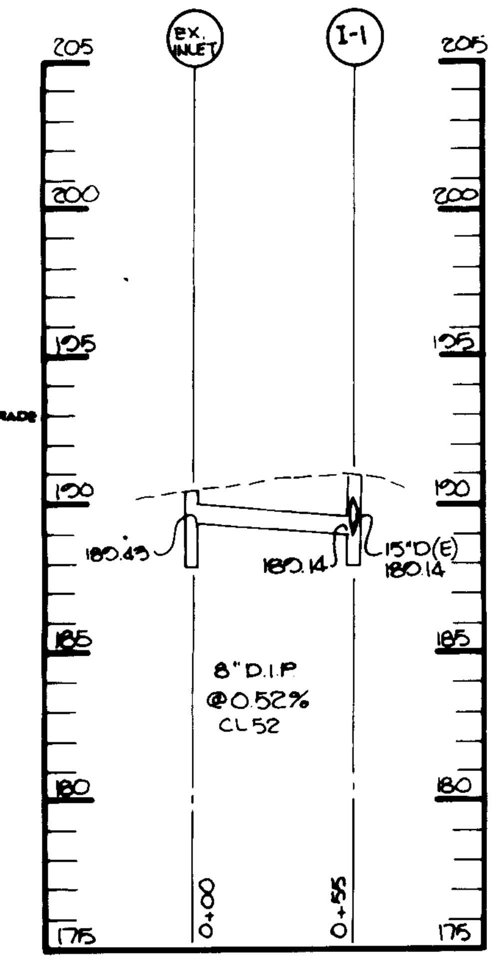
CONCRETE RETAINING WALL
NO SCALE



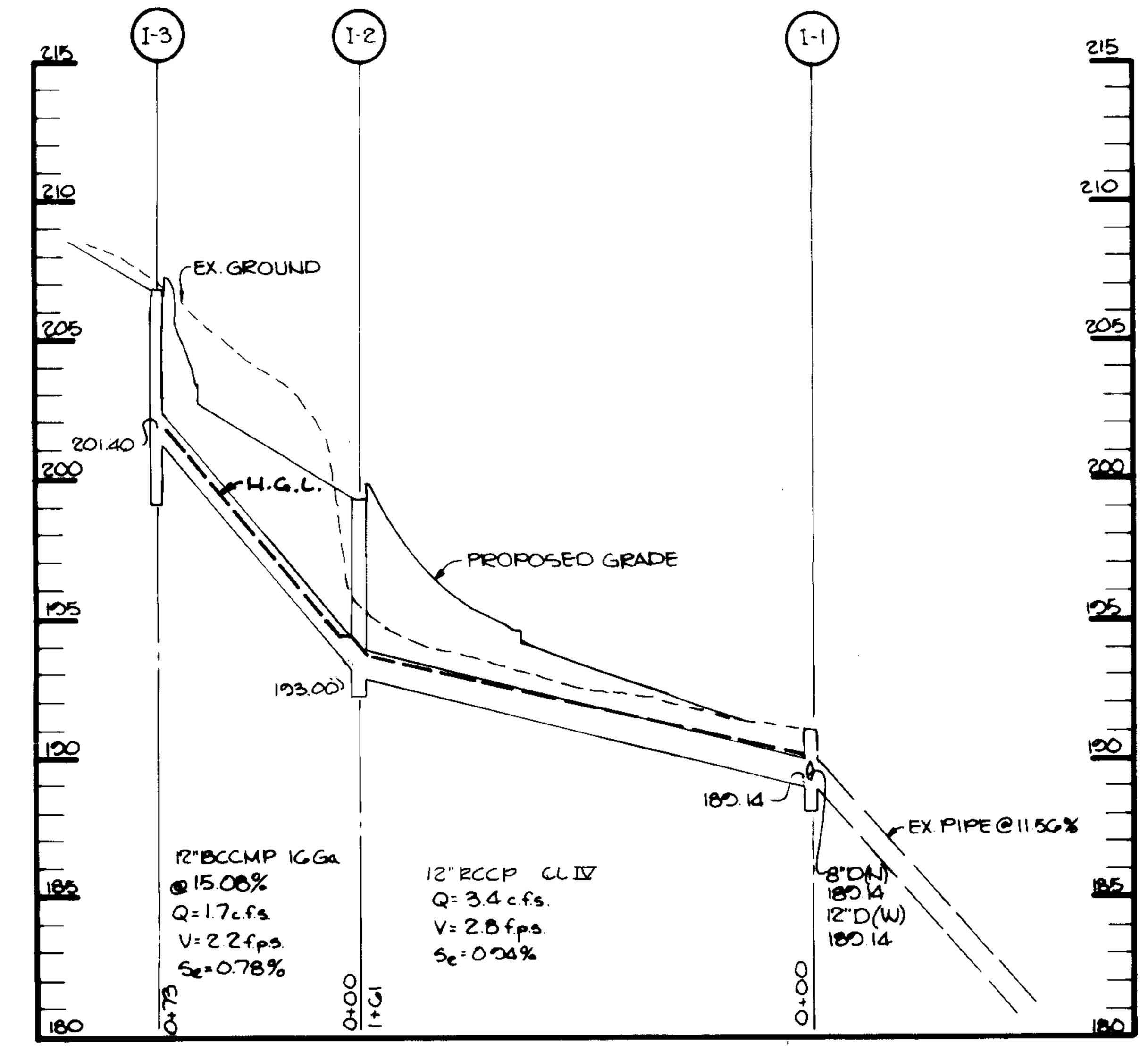
TIMBER RETAINING WALL
No Scale



HANDICAP SIGN DETAIL
NO SCALE

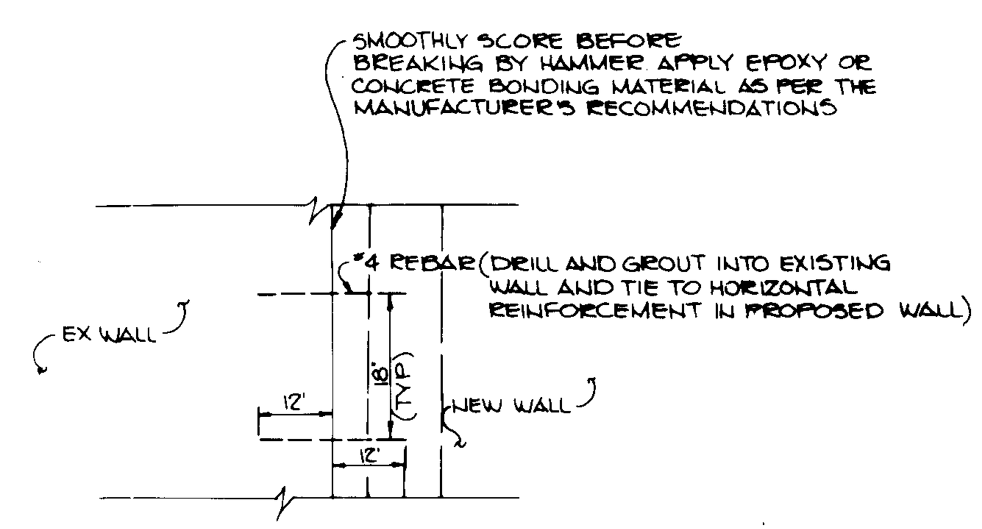


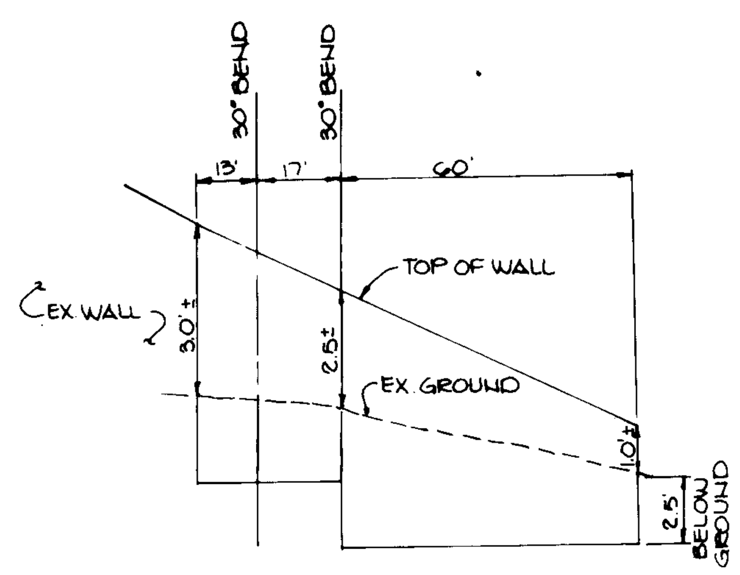
PROFILE
SCALE HORIZ 1"=50' VERT 1"=5'



PROFILE
SCALE: VERT 1"=5' HORIZ 1"=50'

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

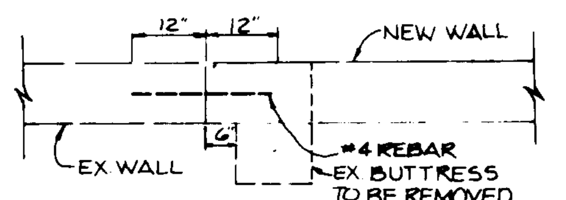




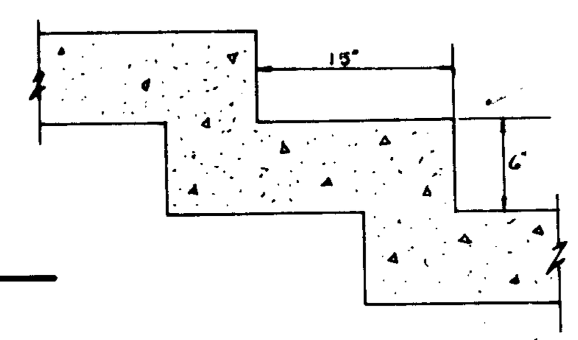
CONCRETE RETAINING WALL
NO SCALE

STRUCTURE SCHEDULE

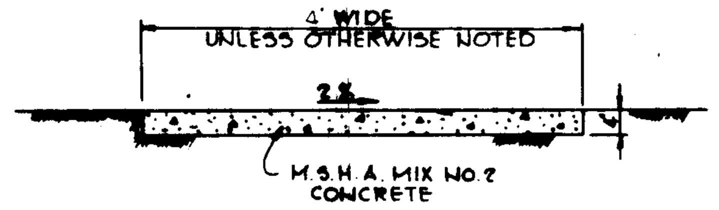
INLET	TYPE	LOCATION	INV/IN	INV/OUT	TOP ELEV.
I-1	Double 'S' Combination Ho Co ST'D SD-4.34	See Plan	189.14	189.14	191.00 (GRATE)
I-2	Double 'S' Combination Ho Co ST'D SD-4.34	See Plan	193.00	193.00	199.5
I-3	Double 'S' Plan II (See Detail)	See Plan	------	201.4	207.6



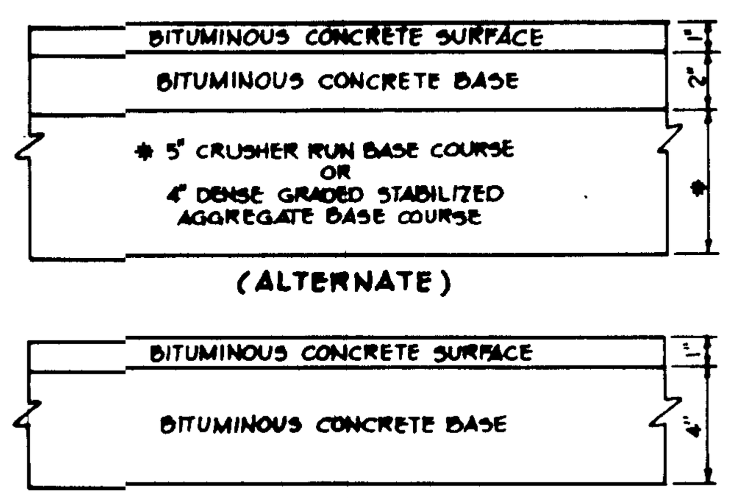
CONNECTION W/EXISTING WALL
NO SCALE



STAIR DETAIL
NO SCALE



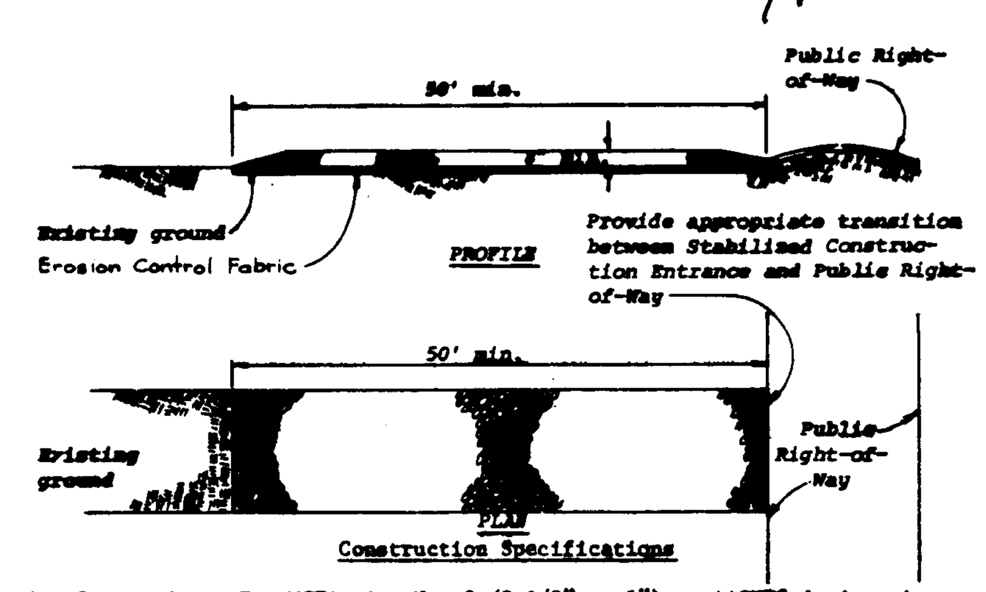
SIDEWALK DETAIL
No Scale



HOWARD COUNTY DESIGN MANUAL VOLUME IV - STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-2.01)

(5" PAVING, P-1)

TYPICAL PAVING DETAIL
NO SCALE

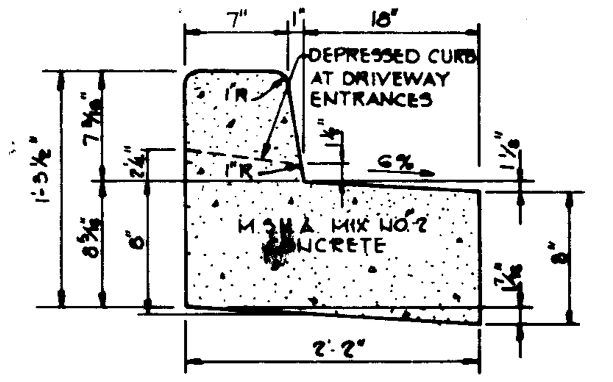


Construction Specifications

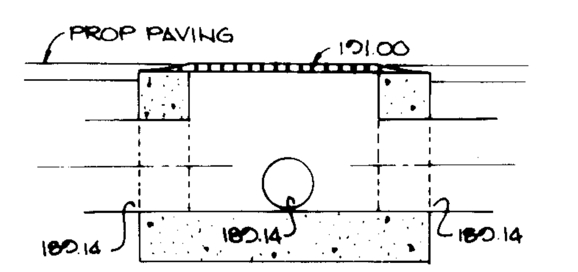
1. Stone size - Use MSHA size No. 2 (2-1/2" to 1") or AASHTO designation M43, size No. 2 (2-1/2" to 1-1/2"). Use crushed stone.
2. Length - As effective, but not less than 50 feet.
3. Thickness - Not less than eight (8) inches.
4. Width - Not less than full width of all points of ingress or egress.
5. 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
6. 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 cleanout of any measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public rights-of-way must be removed immediately.

Standard Symbol SCE

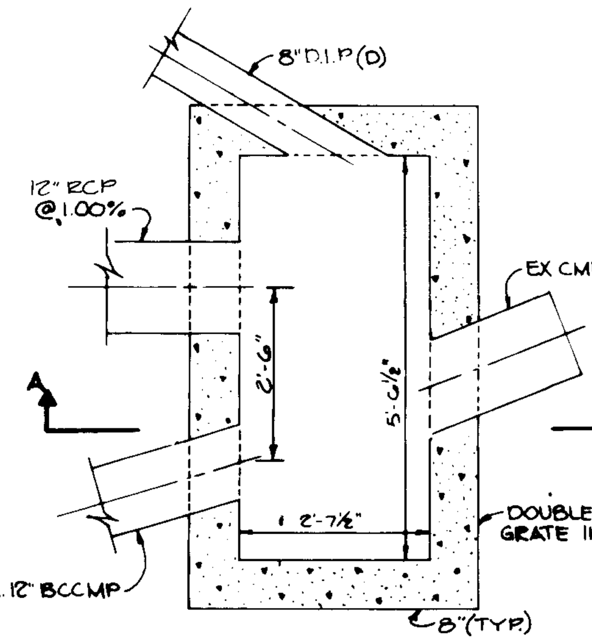
STABILIZED CONSTRUCTION ENTRANCE
NO SCALE



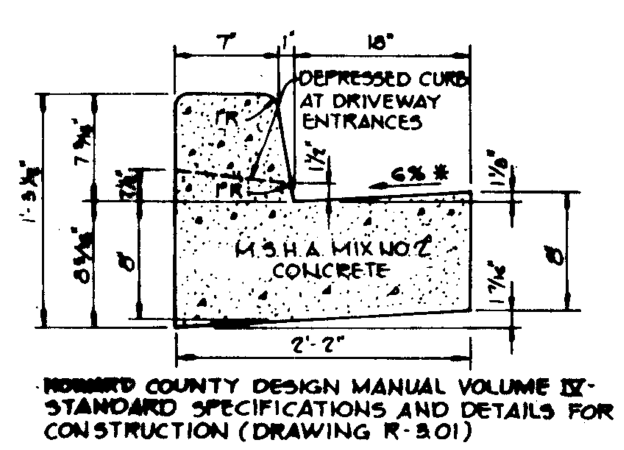
REVERSE 7" COMBINATION CURB AND GUTTER
No Scale



SECTION A-A



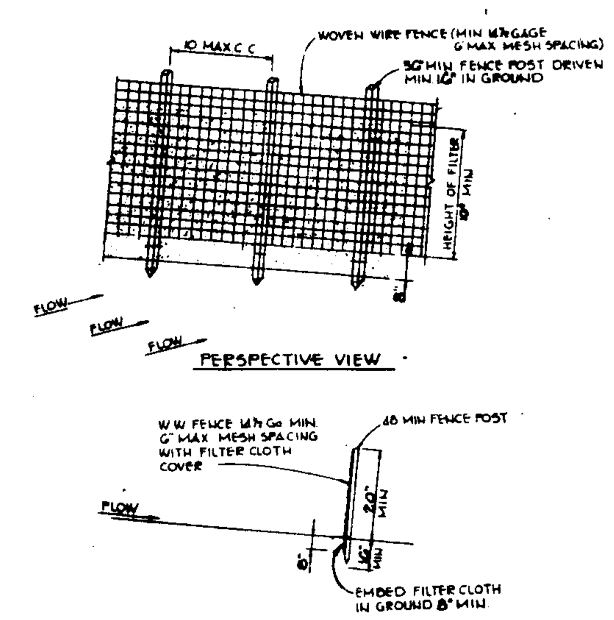
INLET I-1
NO SCALE



HOWARD COUNTY DESIGN MANUAL VOLUME IV - STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (DRAWING R-3.01)

* GUTTER PAN AT THE MEDIAN EDGE OF INTERMEDIATE ARTERIALS OR THE HIGH SIDE OF SUPERELEVATED SECTIONS SHALL BE SLOPED AT THE SAME RATE AS THE PAVEMENT.

STANDARD 7" COMBINATION CURB AND GUTTER
No Scale

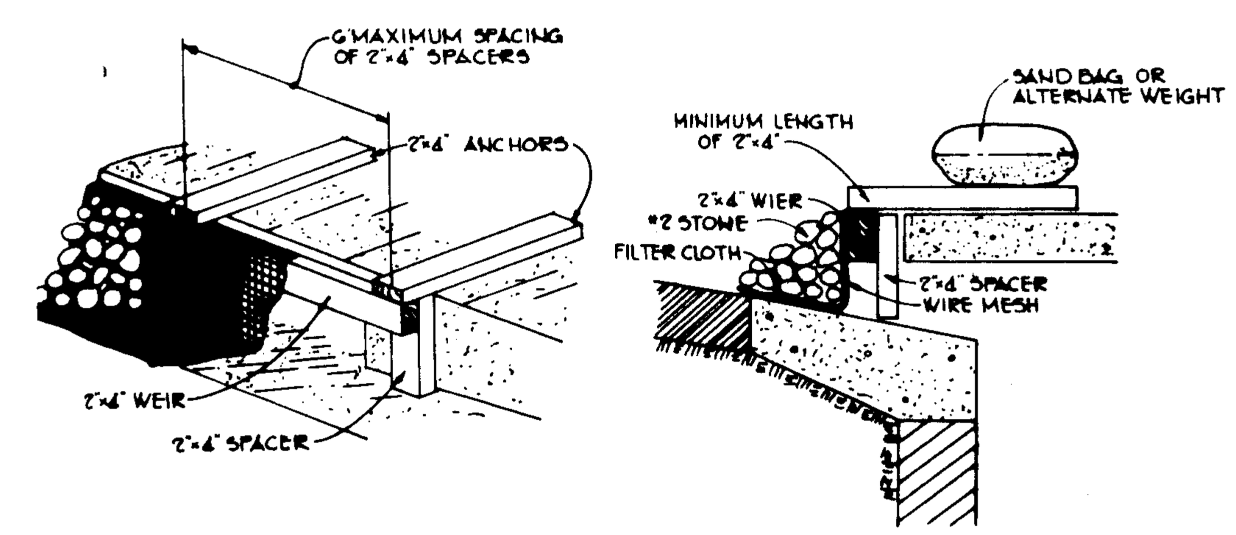


CONSTRUCTION NOTES
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POST WITH WIRE TIES OR STAPLES.
2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH WIRE TIES SPACED EVERY 24" AT TOP AND MID SECTION.

POST: STEEL EITHER T OR U TYPE OR 2" HARDWOOD
FENCE: WOVEN WIRE, 14½ Ga. MAX 6" MESH OPENING
FILTER CLOTH: FILTER X, MIRIFI 100X, LAUREL EROSION CONTROL CLOTH, BIDIM, POLYFILTER X OR EQUAL

STANDARD SYMBOL ——S——S——

SILT FENCE
NO SCALE



INLET BLOCKING DETAIL
NO SCALE

STANDARD SYMBOL S.F.I.P.

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: Jay Weiner — DATE 10/23/84

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: [signature] — DATE 10/20/84

REVIEWED FOR Howard S.C.D. (NAME)
AND MEETS TECHNICAL REQUIREMENTS

James M. Helmuth — U.S. SOIL CONSERVATION SERVICE — DATE 11/ /84

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

Stephen L. Heler — HOWARD S.C.D. — DATE 11/1/84

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

Joyce M. Boyd — COUNTY HEALTH OFFICER — DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

Thomas G. Harris — PLANNING DIRECTOR — DATE 11-13-84

CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION — DATE 11-13-84

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

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE 11-9-84

William E. Riley — CHIEF, BUREAU OF ENGINEERING — DATE 11-7-84

DATE	NO	REVISION
4-10-88		PROPOSED GRADE & PIPE REVISION - R.E.R.

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 P.93
6TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

TITLE
STORM DRAIN PROFILES AND DETAILS

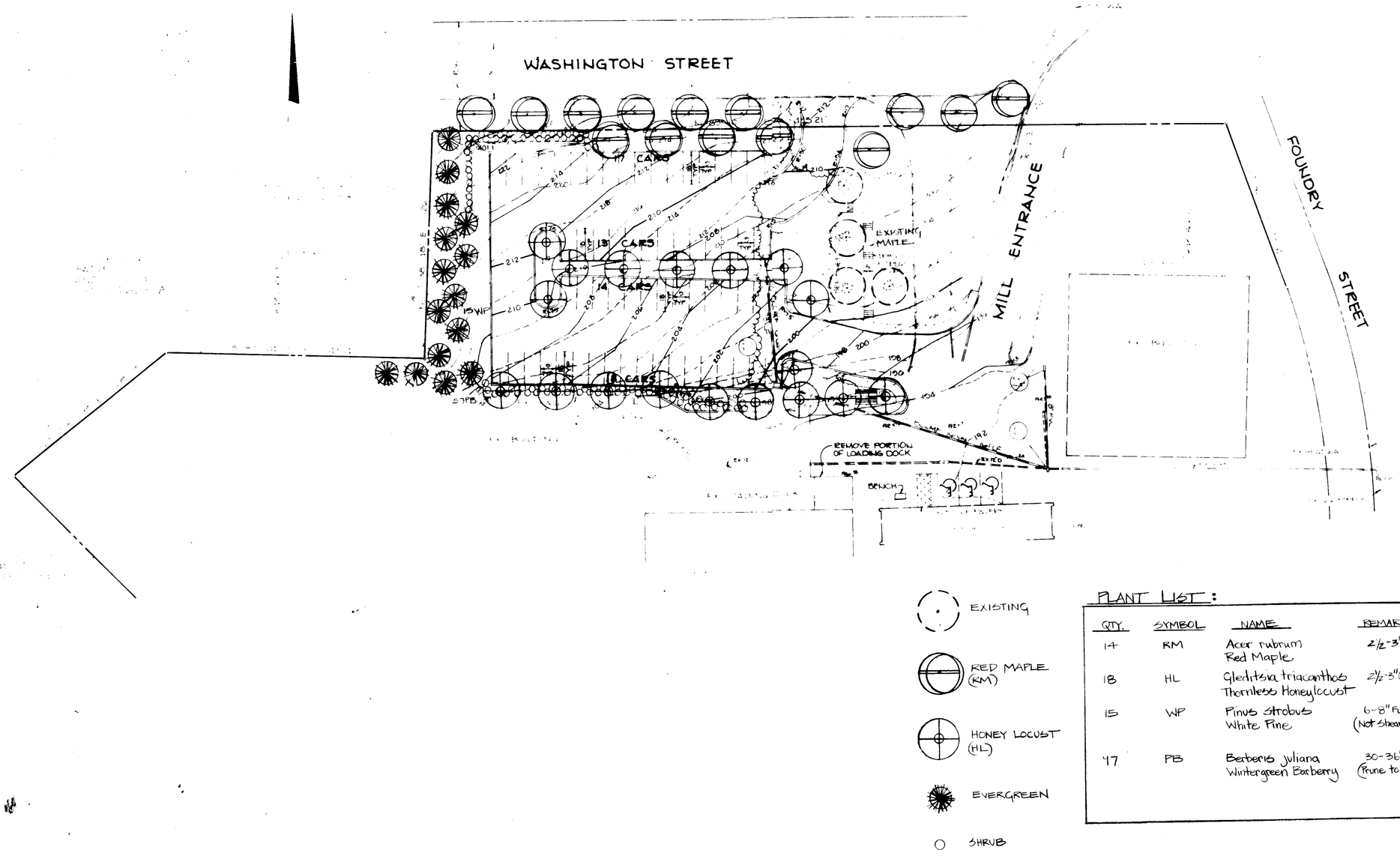
THE RIEMER GROUP, INC.
A LAND PLANNING, DESIGN & CIVIL ENGINEERING FIRM
3105 HEALTH PARK DRIVE, ELLICOTT CITY, MD. 21043 301 461-2690

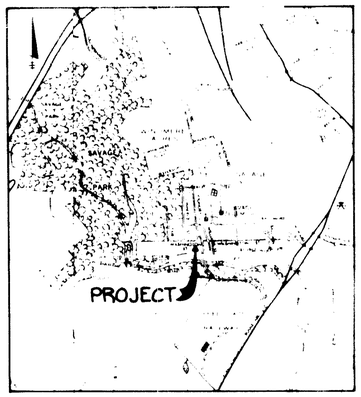
DATE

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

SDP-85-51 OCTOBER 23 1984 DAM

MARYLAND BLUEPRINT CO. INC.





VICINITY MAP

EXISTING

RED MAPLE (RM)

HONEY LOCUST (HL)

EVERGREEN

SHRUB

PLANT LIST:

QTY.	SYMBOL	NAME	REMARK
14	RM	Acer rubrum Red Maple	2½-3" Cal
18	HL	Gleditsia triacanthos Thornless Honeylocust	2½-3" Cal
15	WP	Pinus strobus White Pine	6-8" Full (Not Sheared)
47	PB	Berberis Juliana Wintergreen Barberry	30-36" (Prune to 30")

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

SLATER ASSOCIATES
SUITE 205 WILDE LAKE VILLAGE GREEN
COLUMBIA MARYLAND 21044
PHONE: 992-0001

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 — DATE 11-13-84

DEVELOPMENT ENGINEER — DATE 11-13-84

DEVELOPMENT AND ZONING ADMINISTRATION

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

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR — DATE 11-7-84

CHIEF, BUREAU OF ENGINEERING — DATE 11-6-84

REVISION

SAVAGE MILL
NORTH PARKING LOT

PLANTING PLAN

THE RIEMER GROUP, INC.

9-12-84

STATE OF MARYLAND — John B. Slater

9-12-84

SDP-85-51