SITE ANALYSIS (B-2 Zone Only)

1. Total area = 2.3 ac. or 100,188 ±
2. Building coverage: 24,000 ± or 24 %
3. Paved area = 44,423 ± for 44.3 %
4. Green space: 31,765 ± for 31.7 %
5. Disturbed area: 97,428 ± or 97.2 %
6. Parking A) Req'd: Retail: 13,500 ÷ 150 = 67.5
   Office: 3,000 ÷ (10 emp) = 7.0
   Storage: 7,500 ÷ 500 = 15.0
   89.5 spaces
   B) Provided: 81 @ 9'×20' + 5 @ 8'×22'
   + 4 @ 12'×20' handicapped
   Total 90 spaces + 2 Loading @ 10'×14'×40'
   C) Area of parking lots for landscape calculations = 31,192 ±
   D) 5% landscape requirement = 1559.6 ±
   E) Landscape islands provided = 1,584 ± or 5.1 %
7. Total impervious area = 68,428 ± or 68.3%.

STRUCTURE SCHEDULE

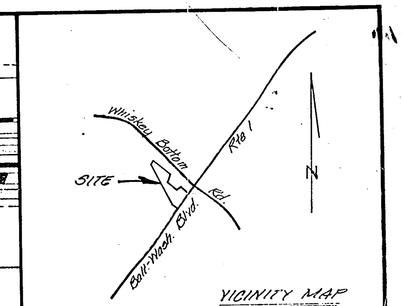
No.	TYPE	TOP ELEVATION UPPER	TOP ELEVATION LOWER	INV. ELEVATION IN	INV. ELEVATION OUT	REMARKS
S-1	Mod. "G" Endwall	—	—	—	228.83	d. = 3.0' d₂ = 15" see detail
S-2	12" headwall	—	—	228.68	—	d. = 15" Ho. Co. Std SD-5.21
I-3	Mod. K Inlet	233.00	—	228.46	see detail	
S-4	Std Conc. End section	—	—	228.75	Ho. Co. Std SD-1.18" 5.52	
I-5	A-10 Inlet	233.60	—	228.60	W = 3'-6", Ho. Co. Std SD 4.02	

PIPE STRUCTURE

Size	Type	Length
15"	RCCP Cl. IV	70 LF
18"	RCCP Cl. IV	72 LF

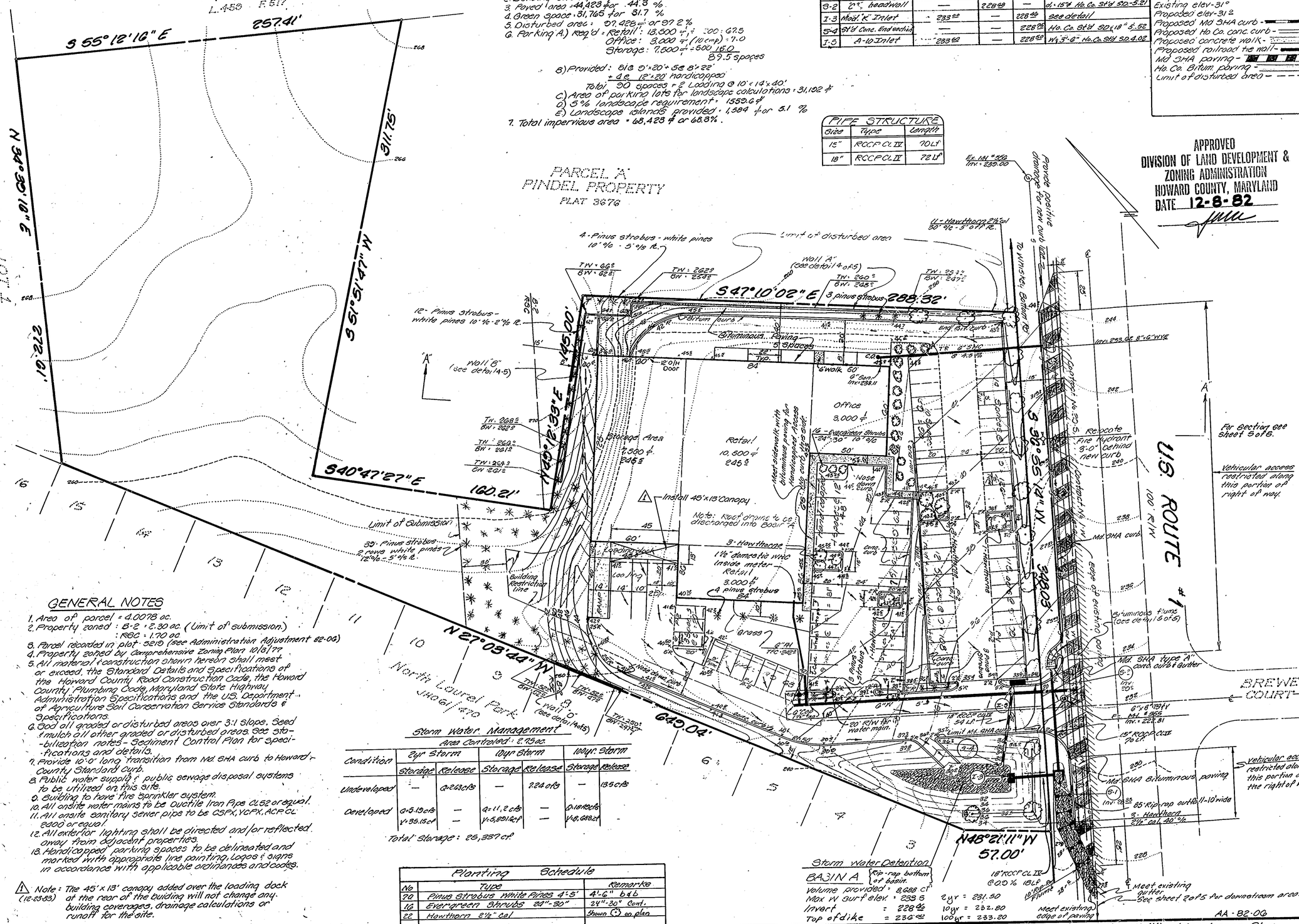
LEGEND

Existing contours - ----40----
Proposed contours - ——40——
Existing elev - 31°
Proposed elev - 31 ±
Proposed Md SHA curb -
Proposed Ho. Co. conc. curb -
Proposed concrete walk -
Proposed railroad tie wall -
Md SHA paving -
Ho. Co. Bitum. paving -
Limit of disturbed area - — — —



VICINITY MAP
No Scale

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 12-8-82



GENERAL NOTES

1. Area of parcel = 4.0078 ac.
2. Property zoned: B-2 = 2.30 ac. (Limit of submission.)
   : RSC = 1.70 ac.
3. Parcel recorded in plat 5819 (see Administration Adjustment 82-06)
4. Property zoned by Comprehensive Zoning Plan 10/6/77
5. All material & construction shown hereon shall meet or exceed the Standard Details and Specifications of the Howard County Road Construction Code, the Howard County Plumbing Code, Maryland State Highway Administration Specifications and the U.S. Department of Agriculture Soil Conservation Service Standards & Specifications.
6. Sod all graded or disturbed areas over 3:1 Slope. Seed & mulch all other graded or disturbed areas. See stabilization notes - Sediment Control Plan for specifications and details.
7. Provide 10'-0" long transition from Md SHA curb to Howard County Standard Curb.
8. Public water supply & public sewage disposal systems to be utilized on this site.
9. Building to have fire sprinkler system.
10. All onsite water mains to be ductile Iron Pipe CL 52 or equal.
11. All onsite sanitary sewer pipe to be CSPX, VCPX, ACP CL 2400 or equal.
12. All exterior lighting shall be directed and/or reflected away from adjacent properties.
13. Handicapped parking spaces to be delineated and marked with appropriate line painting, logos & signs in accordance with applicable ordinances and codes.

⚠ Note: The 45'x13' canopy added over the loading dock (12-23-83) at the rear of the building will not change any building coverages, drainage calculations or runoff for the site.

Storm Water Management

Area Controlled = 2.75 ac.

Condition	2yr Storm Storage	2yr Storm Release	10yr Storm Storage	10yr Storm Release	100yr Storm Storage	100yr Storm Release
Undeveloped	—	Q=2.83 cfs	—	2.24 cfs	—	13.5 cfs
Developed	Q=5.19 cfs V=35.15 cf	—	Q=11.2 cfs V=5,681.4 cf	—	Q=18.42 cfs V=8,698 cf	—

Total Storage: 25,337 cf

Storm Water Detention

BASIN A {Rip-rap bottom of basin.}
Volume provided = 8,698 CF
Max W surf elev. = 233.5
Invert = 228.46
Top of dike = 230.62
2yr = 231.50
10yr = 232.80
100yr = 233.20
18" RCCP Cl. IV @ 0.0% 18 LF
Rip-rap flume

Planting Schedule

No	Type	Remarks
70	Pinus Strobus White Pines	4'-6" b&b
16	Evergreen Shrubs	24"-30" Cont.
22	Hawthorn 2½" cal	Shown ⊕ on plan

OWNER:
Rte 1 Joint Venture Partnership
3428 Eastern Ave.
Baltimore, MD 21224

NO.	REVISIONS	DATE
1.	Paved & Green areas changed	6-20-83
2.	Canopy added @ loading dock ⚠	12-23-83

DEVELOPMENT CONSULTANTS GROUP, INC.
12408 ROUTE 108
CLARKSVILLE, MD. 21029
301-596-9080 301-988-9830

Site, Grading, Utilities & Landscape Plan
PARCEL B-1
PINDELL PROPERTY
Plat # 5819
Tax Map 50 Parcels 306 & 402 6th E.D.
Howard County, Md.

Revision to SDP 82-91 SDP 83-22

DATE	SHEET
Aug 1982	1
DRAWN Jar	OF 5
CHECKED MLG	
SCALE 1"=30'	PROJECT NO. 82-01

SDP-83-22

ENGINEER'S/SURVEYOR'S CERTIFICATE

I certify that this plan of development & plan for erosion & sediment control represents a practical & workable plan based on my personal knowledge of the site conditions & that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Date 12-21-82

Edward L. Rogers #12114

STATE OF MARYLAND — EDWARD L. ROGERS — REGISTERED PROFESSIONAL ENGINEER

OWNER'S CERTIFICATE

I certify that all development and/or construction will be done according to this plan of development & 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 & erosion before beginning the project.

Marcena J. Caird — Dec. 21, 1982
Owner — Date

Approved for public water, public sewerage & storm drainage systems & public roads.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Date 12-29-82

Director

Date 12-28-82

Chief, Bureau of Engineering

Approved for public water & public sewerage systems
HOWARD COUNTY HEALTH DEPARTMENT

Date 12-30-82.

County Health Officer

Approved
HOWARD COUNTY OFFICE OF PLANNING & ZONING

Date 12-30-82

Planning Director, Acting

Date 12-30-82

Chief, Division of Land Development & Zoning Administration

Reviewed for Howard Soil Conservation District and meets technical requirements

Date 12/22/82

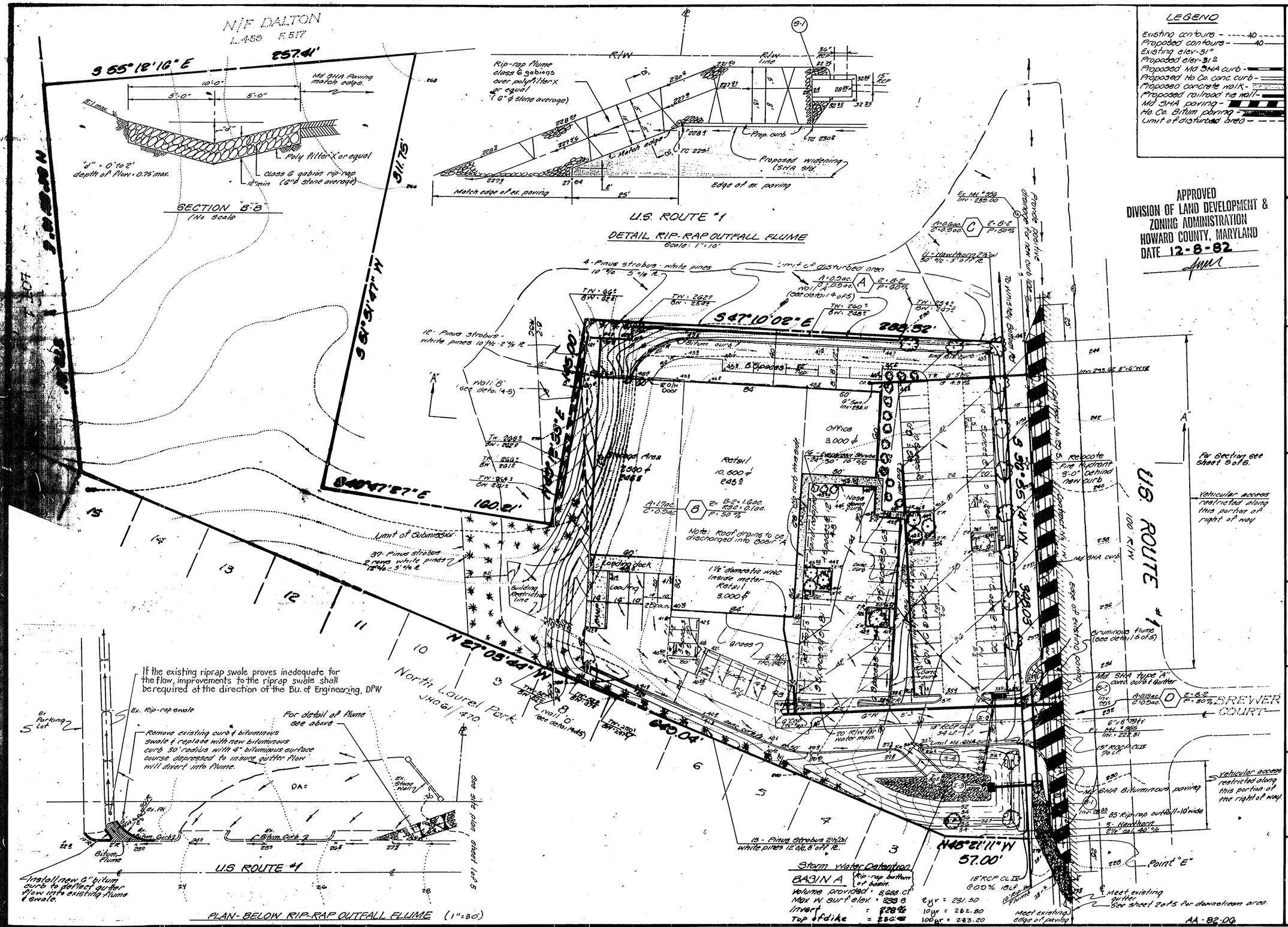
Signature

U.S. SOIL CONSERVATION SERVICE

This plan is approved for soil erosion & sediment control by the Howard Soil Conservation District

Date 12-23-83

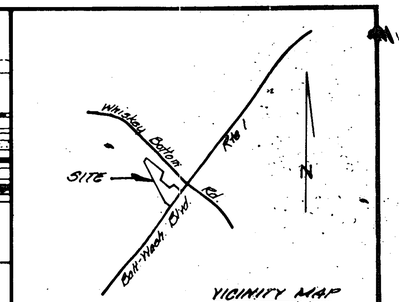
HOWARD SOIL CONSERVATION DISTRICT



PLAN-BELOW RIP-RAP OUTFALL FLUME (1"=30')

LEGEND

- Existing contours — 40
- Proposed contours — 40
- Existing elev. - 31.0
- Proposed elev. - 31.2
- Proposed Md SHA curb
- Proposed Ho. Co. conc. curb
- Proposed concrete walk
- Proposed railroad tie wall
- Md SHA paving
- Ho. Co. Bitum. paving
- Limit of disturbed area



VICINITY MAP
No Scale

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 12-8-82

ENGINEER'S/SURVEYOR'S CERTIFICATE

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Date 12-21-82

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Edward L. Rogers
#12114

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Marcena J. Caird 12-21-82
Owner Date

Approved for public water, public sewerage & storm drainage systems & public roads.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Date 12-29-82

Chief, Bureau of Engineering

Date 12-28-82

Approved for public water & public sewerage systems
HOWARD COUNTY HEALTH DEPARTMENT

Date 12-30-82

Dr. Joyce M. Boyd, J.D.
County Health Officer

Approved
HOWARD COUNTY OFFICE OF PLANNING & ZONING

Date 12-30-82

Director, Office of Planning & Zoning

Date 12-30-82

Chief, Division of Land Development & Zoning Administration

Reviewed for Howard Soil Conservation District and meets technical requirements.

Date 12/22/82

Signature

U.S. SOIL CONSERVATION SERVICE

This plan is approved for soil erosion & sediment control by the Howard Soil Conservation District

Date 12-22-82

HOWARD SOIL CONSERVATION DISTRICT

Revisions	Date

DEVELOPMENT CONSULTANTS GROUP, INC.
12408 ROUTE 108
CLARKSVILLE, MD. 21029
301-596-9080, 301-988-9830

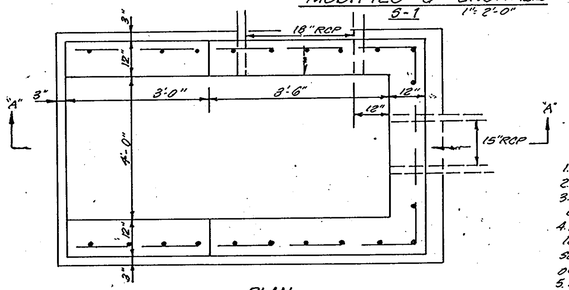
Drainage Area Map
PARCEL B-1
PINDELL PROPERTY
Plat # 5813
Tax Map 30 Parcels 396 & 408 6th E.D.
Howard County, Md.

Revision to SDP-82-71
SDP-83-22

DATE Aug 1982	SHEET 2
DRAWN JAR	OF 5
CHECKED MLG	
SCALE 1"=30'	WORK NO. 81-01

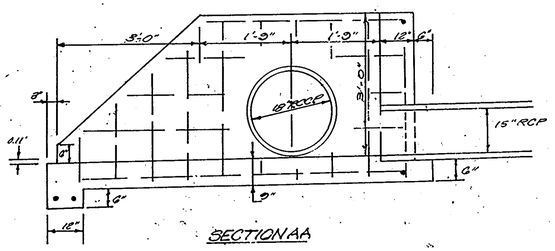
SDP-83-22

MODIFIED "G" ENDWALL
S-1 1" = 2'-0"

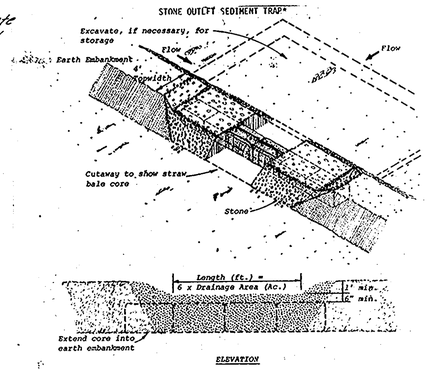


PLAN

Notes
1. All concrete to be class "A"
2. Exposed edges 1" x 1" chamfer.
3. All reinforcement to be deformed bars.
4. All reinforcing bars to be located 3" from face of concrete surface and 12" o.c. and hooked over end.
5. Horizontal bars 1/2" ϕ
6. Vertical bars 3/4" ϕ



SECTION AA



ELEVATION

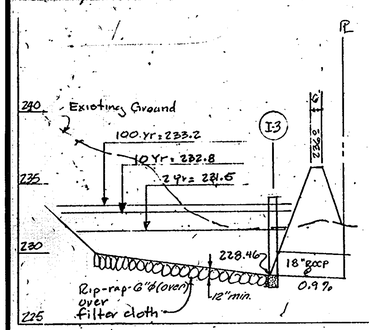
NOTE - Drawings show straw bales used for core. Bales are anchored as per Standard and Specifications for Straw Bale Dike. Other materials (e.g., timber or concrete block) may also be used for core. Firmly anchor all core material to ground.

Construction Specifications

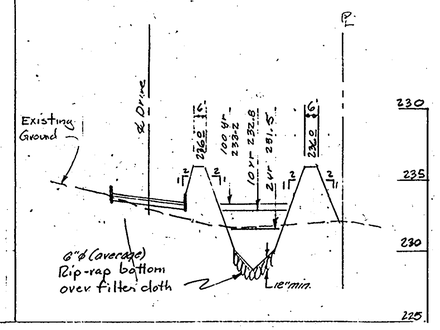
1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
2. The fill material for the embankment shall be free of roots or other woody vegetation as well as over sized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by traversing with equipment while it is being constructed.
3. Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 1/2 the design depth of the trap. Removed sediment shall be deposited in a suitable area and in such a manner that it will not erode.
4. The structure shall be inspected after each rain and repairs made as needed.
5. Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
6. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
7. All cut and fill slopes shall be 2:1 or flatter.
8. The crushed stone used in the outlet shall meet AASHTO designation M43, Size No. 2 or 24 or its equivalent such as MSHA No. 2. Gravel, meeting the above gradation, may be used if crushed stone is not available. Crusher run is not acceptable.

* Drainage area less than 5 acres.

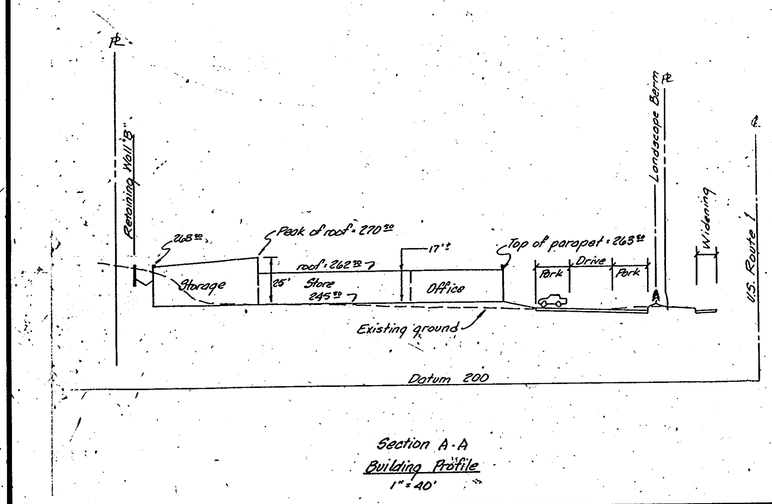
EAST - WEST SECTION



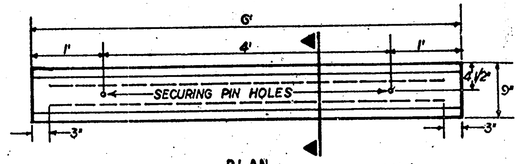
NORTH - SOUTH SECTION



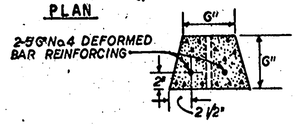
CROSS SECTIONS - STORM WATER BASIN
Scale: Hor: 1" = 30', Vert: 1" = 5'



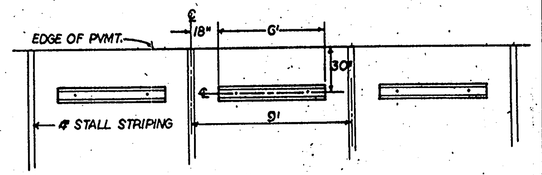
Section A-A
Building Profile
1" = 40'



PLAN



SECTION

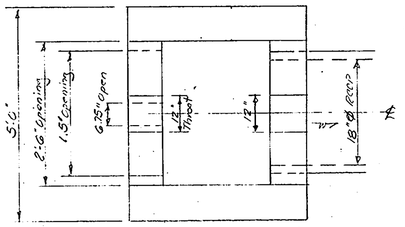


NOTE:
SECURE EACH WHEEL STOP TO PVMT. WITH TWO No.4 DEFORMED BARS 24" IN LENGTH.

PLACEMENT

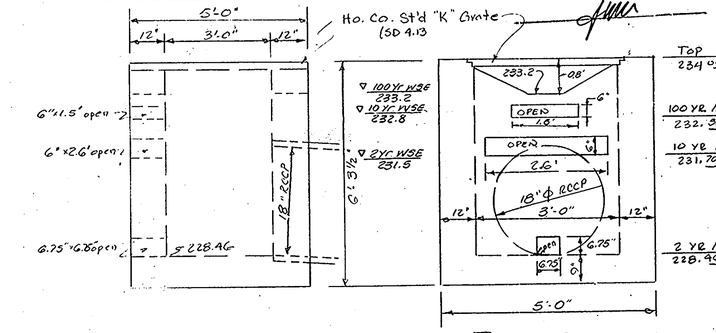
CONC. WHEEL STOPS

PLAN W/GRATE REMOVED



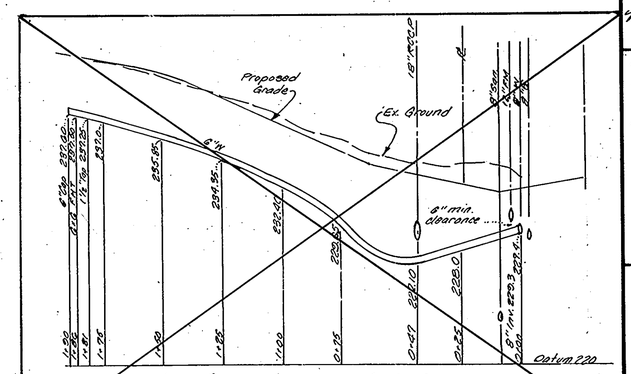
Note:
Inlet to be built in accordance with notes & specifications found on Howard Co Std details SD 4.12 & 4.13

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 12-8-82



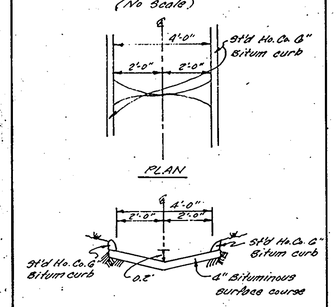
RIGHT ELEVATION — FRONT ELEVATION

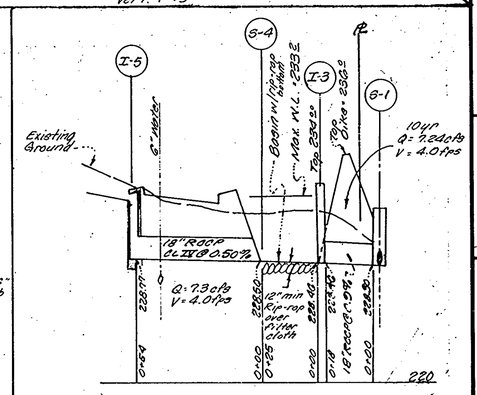
MODIFIED "K" INLET - I-3
Scale: 1" = 2'-0"

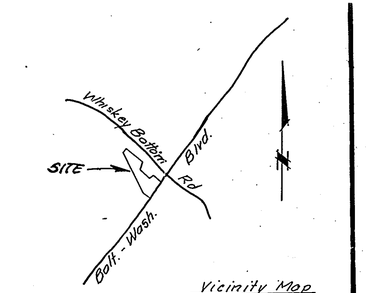


PROFILE / STORM WATER MAIN
Scale:
Hor: 1" = 30'
Vert: 1" = 5'

DETAIL - BITUMINOUS FLUME
(No Scale)







Vicinity Map
no scale

SURVEYOR'S CERTIFICATE
I certify that this plan of development & plan for erosion & sediment control represents a practical & workable plan based on my personal knowledge of the site conditions & that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
Date: 12-21-82
Edward L. Rogers
Edward L. Rogers
12114
STATE OF MARYLAND — EDWARD L. ROGERS — No. 12114 — PROFESSIONAL ENGINEER

OWNER'S CERTIFICATE
I certify that all development and/or construction will be done according to this plan of development & 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 & erosion before beginning the project.
Marcena J. Caine 12-21-82
Owner Date

Approved: For public water, public sewerage, & storm drainage systems & public roads.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
Date: 12-29-82
Neale F. Neumann
Director
Date: 12-28-82
Chief, Bureau of Engineering

Approved: For public water & public sewerage systems.
HOWARD COUNTY HEALTH DEPARTMENT
Date: 12-30-82
Joyce M. Boyd / F.F.
County Health Officer

Approved:
HOWARD COUNTY OFFICE OF PLANNING & ZONING
Date: 12-30-82
Planning Director
Date: 12-30-82
Chief, Division of Land Development & Zoning Administration

Reviewed for Howard Soil Conservation District and meets technical requirements.
Date: 12/22/82
Signature
U.S. SOIL CONSERVATION SERVICE

This plan is approved for soil erosion & sediment control by the Howard Soil Conservation District
Date: 12-22-82
HOWARD SOIL CONSERVATION DISTRICT

OWNER:	NO.	REVISIONS	DATE
Rte 1 Joint Venture Pnship 3424 Eastern Ave. Baltimore MD. 21224			

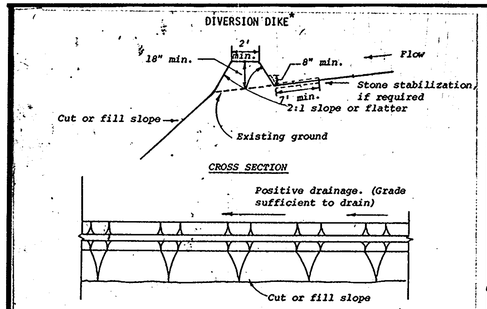
DEVELOPMENT CONSULTANTS GROUP, INC.
12408 ROUTE 108
CLARKSVILLE, MD. 21029
301-596-9080 301-988-9880

DETAIL SHEET
PINDELL PROPERTY
PARCEL S-1
Plat # 5219
Tax Map 50 Parcels 395 & 462 · 6th E.D.
Howard Co., Maryland

Revision to SDP-82-71
SDP-83-22

DATE	SHEET
Aug. 31, 1982	5
DRAWN FAS	OF 5
CHECKED MLS	
SCALE As Shown	PROJECT NO. 84-01

SDP-83-22

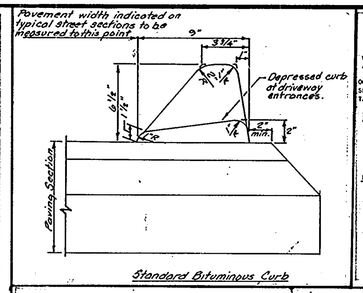


Construction Specifications.

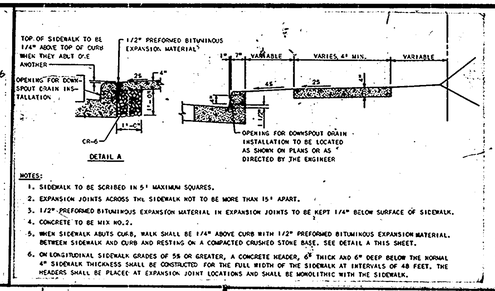
1. All dikes shall be machine compacted.
2. All diversion dikes shall have positive drainage to an outlet.
3. A. Diverted runoff from a protected or stabilized area shall outlet directly to an undisturbed stabilized area or into a level spreader or grade stabilization structure.
   B. Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as a sediment trap or a sediment basin or to an area protected by any of these practices.
4. Stabilization, as specified by the plans, shall be: (1) in accordance with Standard and Specifications for Grassed Waterway, and the area to be stabilized shall be the channel (flow area); or (2) the flow area shall be lined with stone that meets MSHA size No. 2 or AASHTO M43 size No. 2 or 24 which is placed in a 3 inch thick layer and pressed into the soil. The area covered by the stone shall be as shown on the drawing above.
5. Periodic inspection and required maintenance shall be provided.

Standard Symbol — DD —

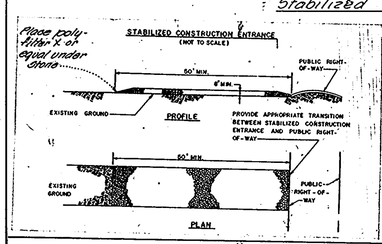
* Drainage area less than 5 acres



Standard Bituminous Curb



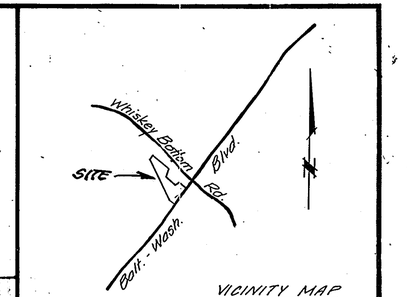
Stabilized Construction Entrance



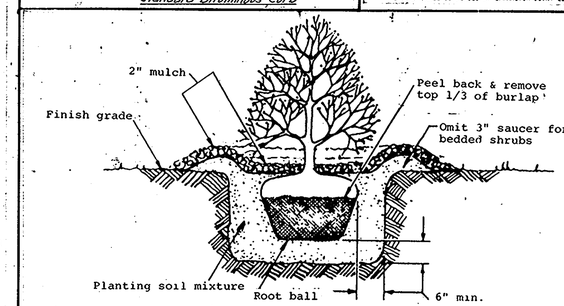
CONSTRUCTION SPECIFICATIONS

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.

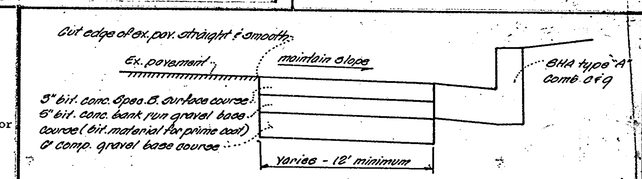
STANDARD SYMBOL — SCE —



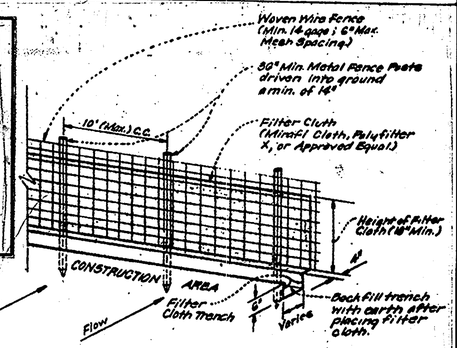
VICINITY MAP
No Scale



SHRUB PLANTING



TYPICAL SECTION - U.S. ROUTE # 1
Not to Scale



SILT FENCE DETAIL (OPTIONAL)
No Scale

SYMBOL: —✖—✖—

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" & 24".
3. Silt fence to be placed in lieu of straw bales and/or diversion dikes at the option of the developer

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 12-8-82

SURVEYOR'S CERTIFICATE

I certify that this plan of development & plan for erosion & sediment control represents a practical & workable plan based on my personal knowledge of the site conditions & that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Date: 12-21-82

Edward L. Rogers
Edward L. Rogers
12114

STATE OF MARYLAND — EDWARD L. ROGERS — No. 12114 — REGISTERED PROFESSIONAL ENGINEER

OWNER'S CERTIFICATE

I certify that all development and/or construction will be done according to this plan of development & 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 & erosion before beginning the project.

Marcena J. Cain 12-21-82
Owner Date

Approved: For public water, public sewerage, & storm drainage systems & public roads
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Date: 12-29-82

Thomas F. Nemeyer
Director

Date: 12-28-82

Chief, Bureau of Engineering

Approved: For public water & public sewerage systems
HOWARD COUNTY HEALTH DEPARTMENT

Date: 12-30-82

Dr. Joyce M. Roper
County Health Officer

Approved:
HOWARD COUNTY OFFICE OF PLANNING & ZONING

Date: 12-30-82

Planning Director

Date: 12-30-82

Chief, Division of Land Development & Zoning Administration

Reviewed for Howard Soil Conservation District and meets technical requirements.

Date: 12/22/82

Signature
U.S. SOIL CONSERVATION SERVICE

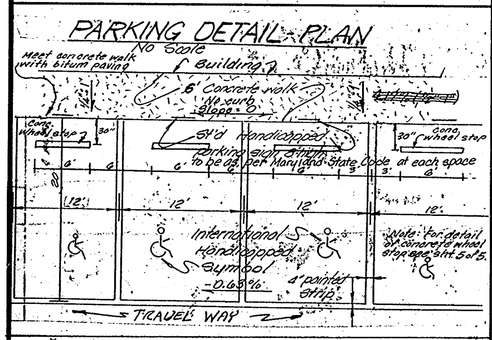
This plan is approved for soil erosion & sediment control by the Howard Soil Conservation District

Date: 12-22-82

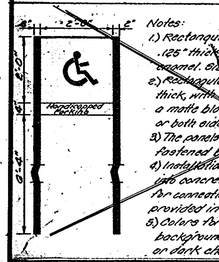
HOWARD SOIL CONSERVATION DISTRICT

PARKING DETAIL PLAN

No Scale



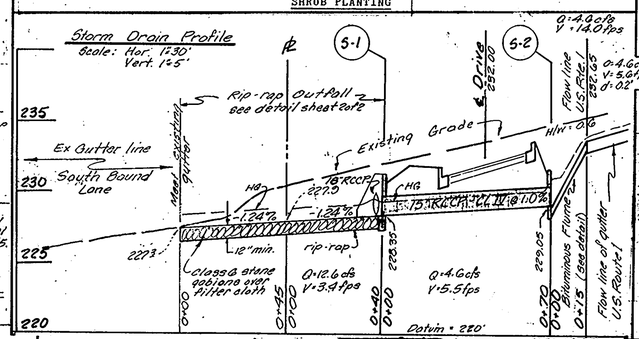
HANDICAPPED SIGN DETAIL

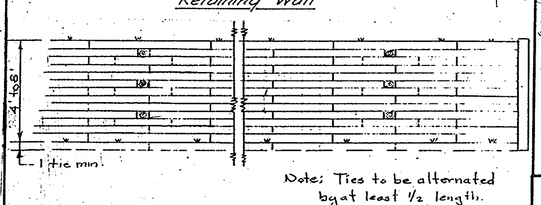


Notes:
1.) Rectangular or square support posts of extruded aluminum, .125" thick, and finished with an exterior grade matte black enamel. Color shall be as indicated in the drawing.
2.) Rectangular or square panels of extruded aluminum, .125" thick, with screened graphics of white reflective material, in a matte black background. Graphics will be displayed on one or both sides as indicated.
3.) The panels will be mounted to 2" wide aluminum U-channels and fastened by handal-resistant screws.
4.) Installation shall be accomplished by embedding support posts into concrete footings. Necessary mounting hardware and access for connections, maintenance and face panel replacement shall be provided in accordance with manufacturer recommendations.
5.) Colors for characters and symbols shall contrast with their background - either light characters and a dark background or dark characters on a light background.

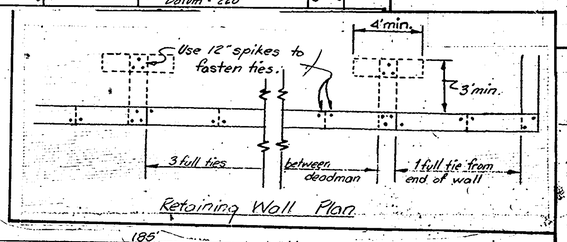
Paving Sections

SECTION NUMBER	ROAD AND STREET CLASSIFICATION	PAVEMENT MATERIALS: FULL DEPTH BIT. CONC. ALTERNATE	PAVEMENT MATERIALS: GRANULAR BASE ALTERNATES
P-1	PARKING AREAS AND TRAVELWAYS APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH NO HEAVY TRUCKS	1" BIT. CONC. SURFACE; 4" BIT. CONC. BASE	1" BIT. CONC. SURFACE; 2" BIT. CONC. BASE; PRIME; 9" CRUSHER RUN BASE COURSE OR 4" DENSE GRADED STABILIZED AGGREGATE BASE COURSE
P-2	RESIDENTIAL ZONES LOCAL, CUL-DE-SAC STS. ALLEYS AND PRIVATE ROADS SERVING INDIVIDUAL LOTS; PARKING AREAS APARTMENTS AND COMMERCIAL-INDUSTRIAL ZONES WITH NO MORE THAN 10 HEAVY TRUCKS PER DAY*	1 1/2" BIT. CONC. SURFACE; 5" BIT. CONC. BASE	1 1/2" BIT. CONC. SURFACE; 2 1/2" BIT. CONC. BASE; PRIME; 8" CRUSHER RUN BASE COURSE; (2 COURSES) OR 6" DENSE GRADED STABILIZED AGGREGATE BASE COURSE

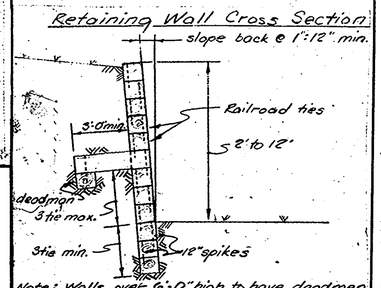




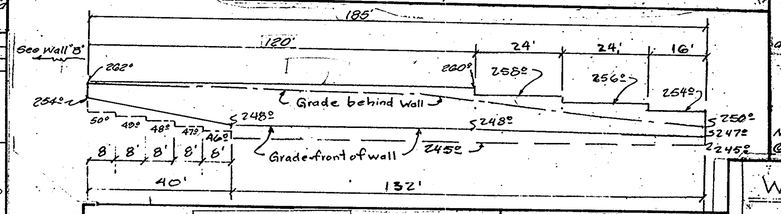
ELEVATION
No Scale

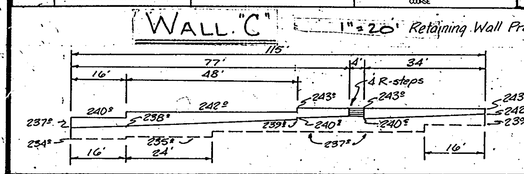


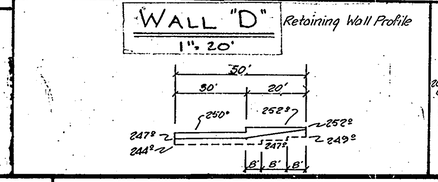
Retaining Wall Plan

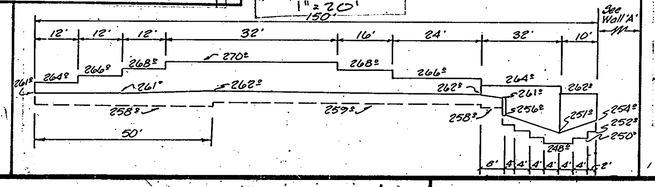


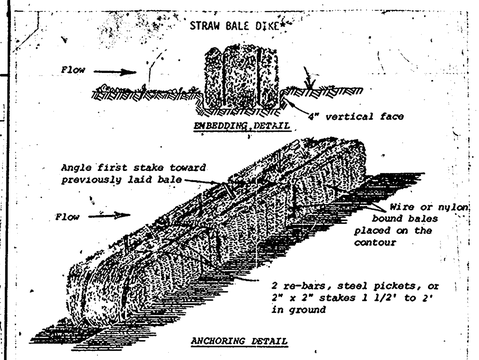
Note: Walls over 6'-0" high to have deadmen @ least 3 ties apart vertically.











Construction Specifications

1. Bales shall be placed in a row with ends tightly abutting the adjacent bales.
2. Each bale shall be embedded in the soil a minimum of 4"
3. Bales shall be securely anchored in place by stakes or re-bars driven through the bales. The first stake in each bale shall be angled toward previously laid bale to force bales together.
4. Inspection shall be frequent and repair or replacement shall be made promptly as needed.
5. Bales shall be removed when they have served their usefulness so as not to block or impede storm flow or drainage

Standard Symbol — SBD —

* Drainage area less than 1/2 acre.

OWNER:	NO.	REVISIONS	DATE
Rte 1 Joint Venture Ptnshp 3424 Eastern Ave. Baltimore, MD 21224			

DEVELOPMENT CONSULTANTS GROUP, INC.
12408 ROUTE 108
CLARKSVILLE, MD. 21029
301-596-9080 301-988-9850

DETAIL SHEET
PINDELL PROPERTY
PARCEL B-1
Plat # 5219
Tax Map 50, Parcels 395 & 462 6th E.D.
Howard Co., Maryland

Revision to SDP-82-21
SDP-83-22

DATE	SHEET
AUG, 1982	4
DRAWN: FAS	OF 5
CHECKED: MLG	
SCALE: As Shown	PROJECT NO. 84-01

SDP-83-22

STABILIZATION NOTES

1. Sod all graded or disturbed areas over 3:1 slope Seed and mulch all other graded or disturbed areas.
2. Apply lime @ rate of two (2) tons per acre.
3. Apply 10-10-10 fertilizer @ 25 lbs per 1000
4. Plant with Kentucky 31 @ 5 lbs per 1000
5. Mulch with straw @ 1½ to 2 tons per acre
6. Anchor mulch with sprayed asphalt @ 0.1 gal./sy

CONSTRUCTION SEQUENCE

1. Obtain permits - completed
2. Install sediment control - completed
3. Strip site - dispose of excess material to an approved site- completed.
4. Grade site - dispose of excess material to an approved site - completed.
5. Install footings and foundation
6. Install storm drain, water main and sanitary sewer (block I-3)
7. Install curbs and concrete walks
8. Install retaining walls
9. Place paving base course
10. Complete building shell
11. Install Md. SHA widening and entrance
12. Install landscaping and stabilize disturbed areas
13. Place paving surface course
14. Convert sediment basin to storm water management basin @
15. Remove sediment control *

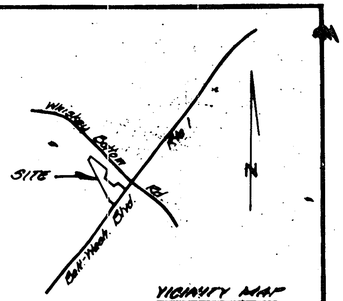
*When approved by Sediment Control Inspector

@ CONVERSION OF SEDIMENT CONTROL BASIN TO STORM WATER MANAGEMENT

A) Dewater basin by pumping to a suitable discharge point with sediment control facilities.
B) Remove sediment to design elevations and dimensions of basin. Dispose of material to an approved site with an approved sediment control plan.
C) Remove plywood and stone from I-3.
D) Install rip-rap over filter cloth as per detail.
E) Stablize basin with sod.

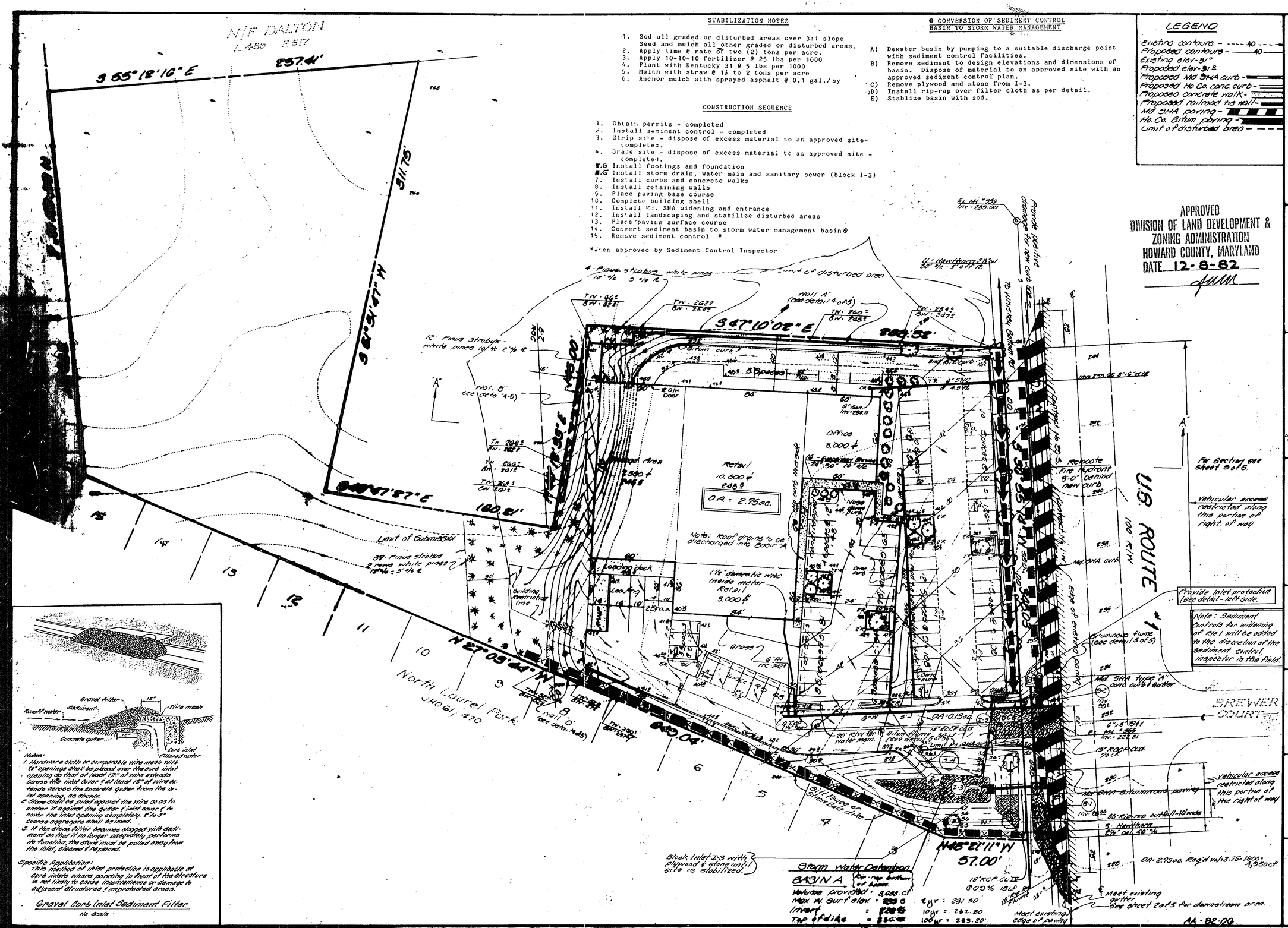
LEGEND

Existing contours - ----40----
Proposed contours - ——40——
Existing elev-31°
Proposed elev-31.2
Proposed Md SHA curb -
Proposed Ho. Co. conc curb -
Proposed concrete walk -
Proposed railroad tie wall -
Md SHA paving -
Ho. Co. Bitum paving -
Limit of disturbed area - - - -



VICINITY MAP
No Scale

APPROVED
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 12-8-82



Notes:
1. Hardware cloth or comparable wire mesh with ½" openings shall be placed over the curb inlet opening so that at least 12" of wire extends across the inlet cover & at least 12" of wire extends across the concrete gutter from the inlet opening, as shown.
2. Stone shall be piled against the wire so as to anchor it against the gutter & inlet cover & to cover the inlet opening completely. 2" to 3" coarse aggregate shall be used.
3. If the stone filter becomes clogged with sediment so that it no longer adequately performs its function, the stone must be pulled away from the inlet, cleaned & replaced.

Specific Application:
This method of inlet protection is applicable at those inlets where ponding in front of the structure is not likely to cause inconvenience or damage to adjacent structures & unprotected areas.

Gravel Curb Inlet Sediment Filter
No Scale

ENGINEER'S SURVEYOR'S CERTIFICATE

I certify that this plan of development & plan for erosion & sediment control represents a practical & workable plan based on my personal knowledge of the site conditions & that it was prepared in accordance with the requirements of the Howard Soil Conservation District.

Date 12-21-82

Edward L. Rogers
Edward L. Rogers
#12114

STATE OF MARYLAND — EDWARD L. ROGERS — No. 12114 — PROFESSIONAL ENGINEER

OWNER'S CERTIFICATE

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Marcena J Caine 12-21-82
Owner Date

Approved for public water, public sewerage & storm drainage systems & public roads.
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

Date 12-29-82

George F. Nunnely
Director

Chief, Bureau of Engineering

Approved for public water & public sewerage systems
HOWARD COUNTY HEALTH DEPARTMENT

Date 12-30-82

Dr. Joyce M. Boyd, M.D.
County Health Officer

Approved:
HOWARD COUNTY OFFICE OF PLANNING & ZONING

Date 12-30-82

Planning Director

Date 12-30-82

Chief, Division of Land Development & Zoning Administration

Reviewed for Howard Soil Conservation District and meets technical requirements.

Date 12/22/82

Signature
U.S. SOIL CONSERVATION SERVICE

This plan is approved for soil erosion & sediment control by the Howard Soil Conservation District

Date 12-22-82

HOWARD SOIL CONSERVATION DISTRICT

Route 1 Joint Venture Partnership.
3424 Eastern Ave.
Baltimore, Md. 21224

DEVELOPMENT CONSULTANTS GROUP, INC.
12406 ROUTE 108
CLARKSVILLE, MD. 21029
301-596-9090 301-995-9030

Sediment Control Plan
PARCEL B-1
PINDELL PROPERTY
Plat # 5810
Tax Map 30 Parcels 90 & 108 8th E.D.
Howard County, Md.

Revision to SDP-82-71
SDP-83-22

Scale	1"=50'
Date	May 1982
Drawn	Jay
Checked	
Approved	
Sheet	3