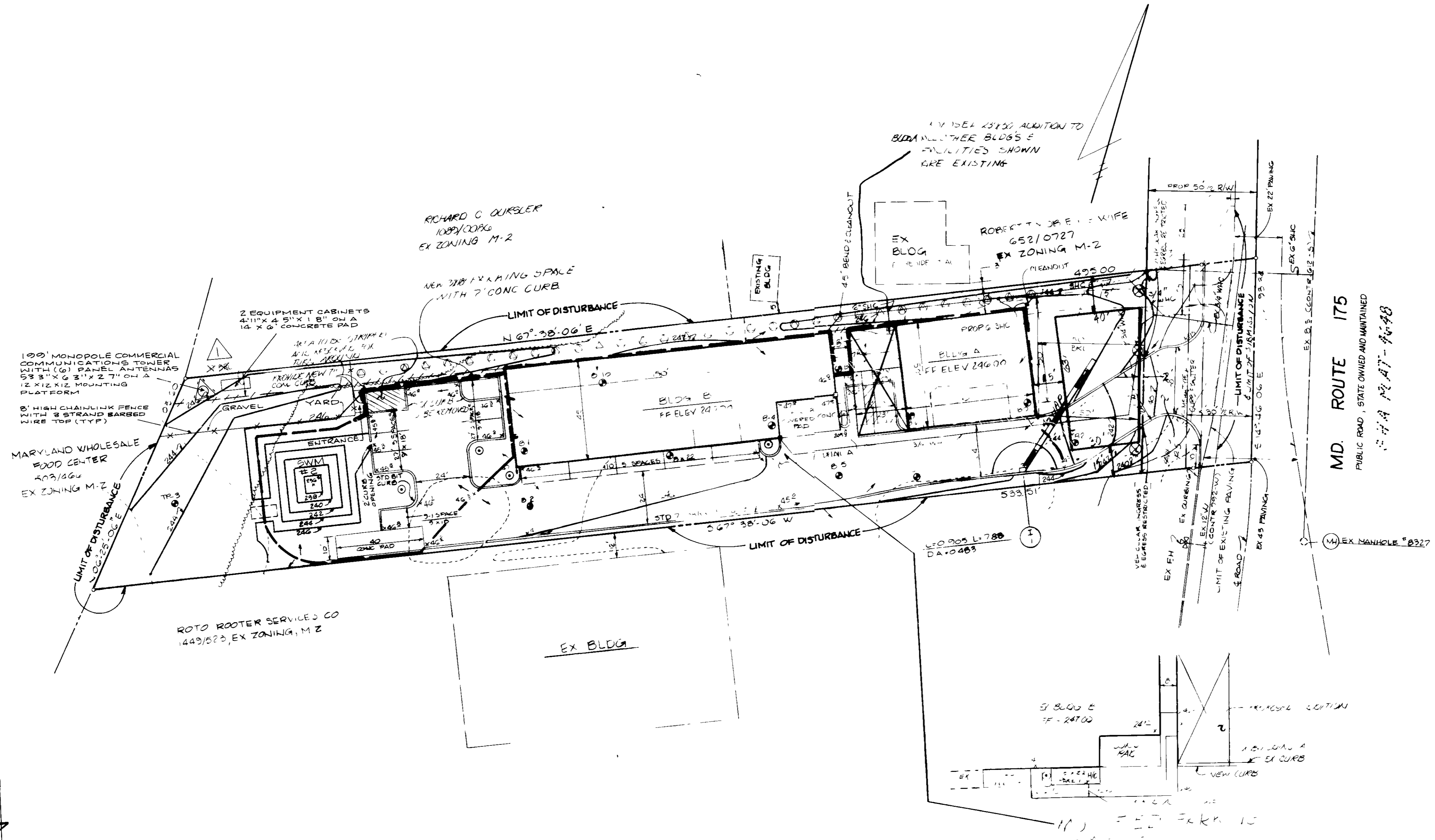
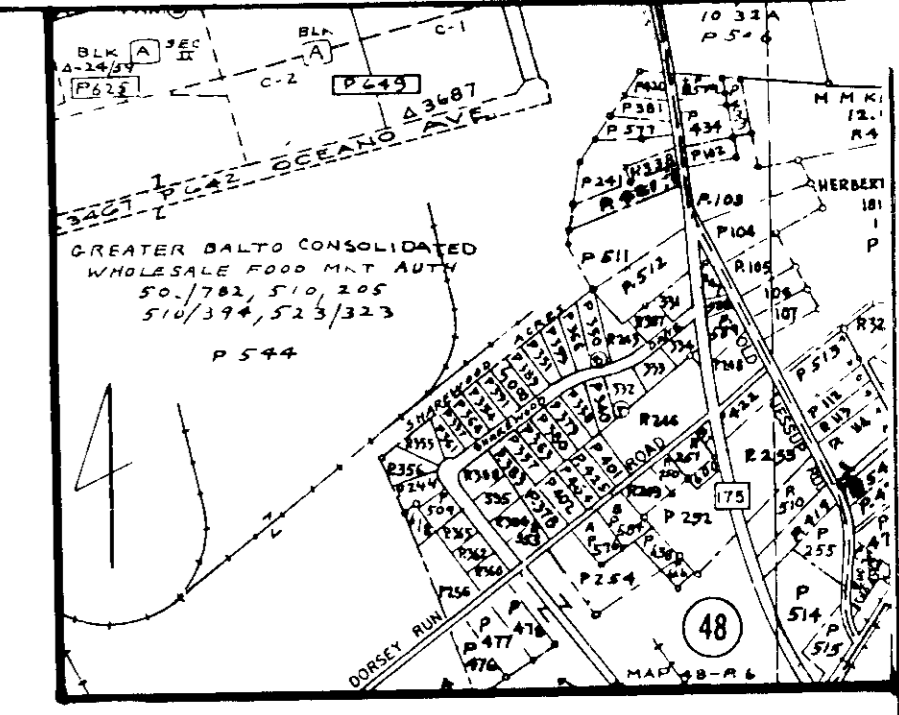
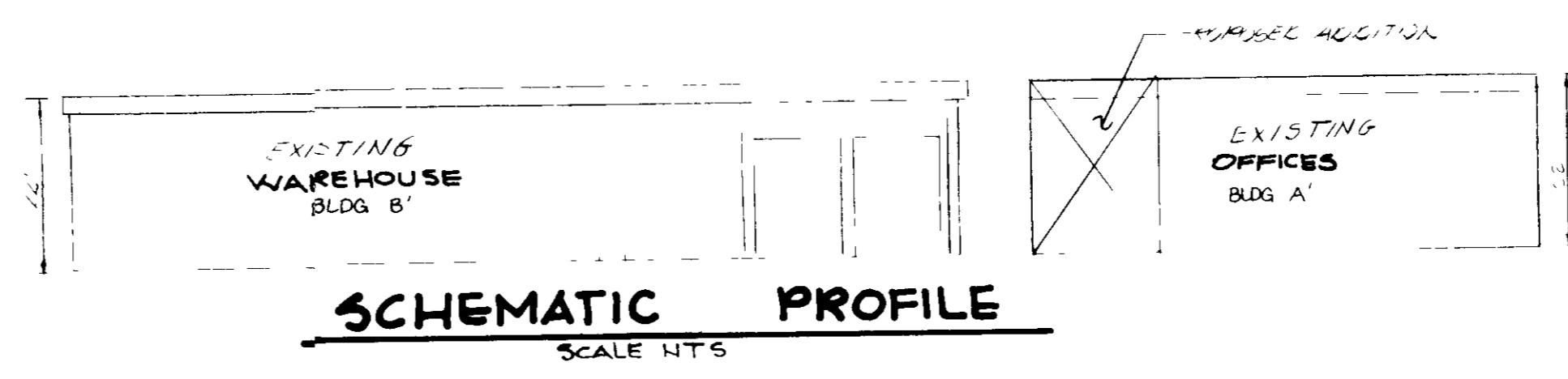


LANDSCAPING		SCHEDULE		
SYMBOL	QNTITY	BOTANICAL NAME	COMMON NAME	SIZE
⊙	4	PRUNUS SPP	FLOWING CHERRY	6'-8'
⊗	3	QUERCUS SP	OAK	2 1/2" CAL.
⊖	32	PINUS STROBUS	EASTERN WHITE PINE	2 1/2" CAL.



- GENERAL NOTES:**
1. Tax Map 43 Block 21 Parcel 421
 2. Deed Reference 1945 / 453
 3. Existing Zoning, M - 2
 4. Proposed Site Use Roofing Company (Office & Warehouse)
 5. Area of Site: 0.985 Acres or 42922 Sq. Ft.
 6. All construction and materials shall be in accordance with the Howard County Road Construction Code and Specifications.
 7. Utilities to be Utilized:
Water - Public
Sewer - Public
 8. All onsite driveways and parking areas are private.
 9. Maryland Route 175 (Waterloo Road), Public Road
 10. Any damage to a county owned right-of-way shall be corrected at the developer's expense.
 11. Contractor to verify location of all underground utilities prior to beginning work.
 12. Contractor to notify Miss Utility at 1-559-0100 at least five (5) days prior to beginning construction.
 13. The contractor or developer shall contact the Construction Inspections Division of Howard County at 792-7272 at least 24 hours prior to starting construction.
 14. Boundary shown hereon was supplied by owner and is based on a boundary survey prepared by T. & T. Surveying in November, 1986.
 15. Topography shown hereon was supplied by owner and is based on a topographic survey field run by T. & T. Surveying in November, 1986.
 16. REVISIONS TO S.D.P. 87-127 ARE AS FOLLOWS:
BUILDING ADDITION, 2 MEN PARKING SPACES, AS WELL AS H/O ACCESS.

- SITE ANALYSIS:**
1. Area of Parcel: 0.985 Acres or 42922 sq. ft.
 2. Existing Zoning: M - 2
 3. Floor Space Per Use: 4150
 4. Ex Building A: 30022 sq. ft. office space. Prop. Bldg A: 4150 sq. ft. Ex Building B: 6330 sq. ft. warehouse space.
 5. Maximum Number of Employees Per Use:
Offices: 11 employees
Warehouse: 3 employees
 6. Open Space to Preserve on Site: 10,505 sq. ft. or 45.2%
 7. Building Coverage of Site: 10,480 sq. ft. or 24.4%
 8. Landscaped Islands:
Parking area: 12,340 sq. ft.
Landscaped islands: 790 sq. ft. or 0.44%
 9. All exterior lighting shall be directed / reflected away from adjacent public rights-of-way and any residentially zoned properties.
 10. Parking Requirements:
1) office employees @ 7 spaces per 10 employees = 8 spaces
3 warehouse employees @ 1 space per employee = 3 spaces
Total Req'd Parking: 11 spaces
 11. Parking Provisions:
1) Spaces including 1 Handicapped space

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS
John McNeil 12-31-87
 U.S. SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
 1/1/88
 SOIL CONSERVATION DISTRICT DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
Joseph Boyles 1-26-88
 COUNTY HEALTH OFFICER DATE

APPROVED, HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
W. Amin 2-3-88
 PLANNING DIRECTOR DATE

Joseph Boyles 1/30/88
 DEPT. DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

APPROVED, FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 1/14/88
 DIRECTOR DATE

W. Amin 1/14/88
 CHIEF, BUREAU OF ENGINEERING DATE

11-20-87
 MS

DEVELOPER'S CERTIFICATE
 I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE IN ACCORDANCE TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL 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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

DEVELOPER: *John McNeil* DATE: 1/16/87

ENGINEER'S CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.

ENGINEER: *John McNeil* DATE: 11-14-87

DATE	DESCRIPTION	BY
11-14-87	ADDED MONOPOLE COMPOUND, REMOVE 10 B.R.L.	OMW
9-25-87	BUILDING ADDITION, 2 MEN PARKING SPACES, H/O ACCESS	JCO
9-27-87	REVISIONS PER APPROPRIATE COMMENTS FROM JCO	JHB
8-26-87	SHIFT BLDG 3 4 FT SOUTH, SHOW PLANTED BUFFER	JCO



John McNeil 10/16/85
 DATE

△ SIGNED AND SEALED FOR REVISION △ ONLY

NOTES:
 1) FOR H/O ACCESS TO THE 10' x 10' 5" x 10' 5" DRIVEWAY
 2) EXISTING 10' x 10' 5" x 10' 5" DRIVEWAY SHALL TO BE REMOVED AND RELOCATED TO 20' WIDE

ADDRESS CHART

LOT NUMBER	STREET ADDRESS
PARCEL 42	700A WATERLOO ROAD (S.D.P. 87-127)

SUBDIVISION NAME
 J&R ROOFING CO.

PLAT # OR L.P. BLOCK #	ZONE	TAX/ZONE MAP	BLDG. DIST.	CENSUS TR.
148/402	M-2	45	SIXTH	40-1

WATER CODE 3
SEWER CODE 2-1-3000

REVISIONS TO S.D.P. 87-127

TITLE	DESIGNED BY	DRAWN BY	CHECKED BY	DATE
REVISED SITE DEVELOPMENT PLAN	JOE HASON	JHB	WN/SB	DEC 1986

LOCATION TAX MAP 43, BLOCK 21, PARCEL 421
SIXTH ELECTION DISTRICT HOWARD CO MD

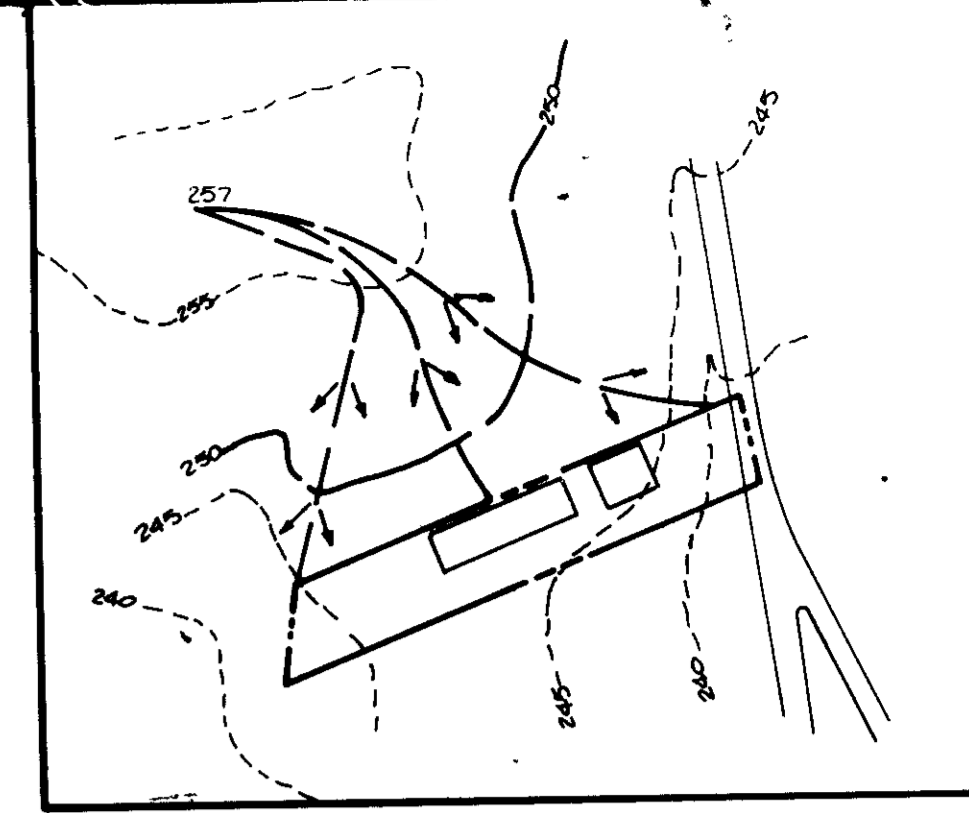
SCALE: 1" = 30'
 FIELD BOOK: 82459
 PAGE NO: 1 OF 2
 JOB NO: 82459
 DRAWING NO: 1 OF 2

OWNER / DEVELOPER
 J&R ROOFING
 14440 CHERRY LANE COURT
 SUITE 104
 LAUREL, MD. 20707

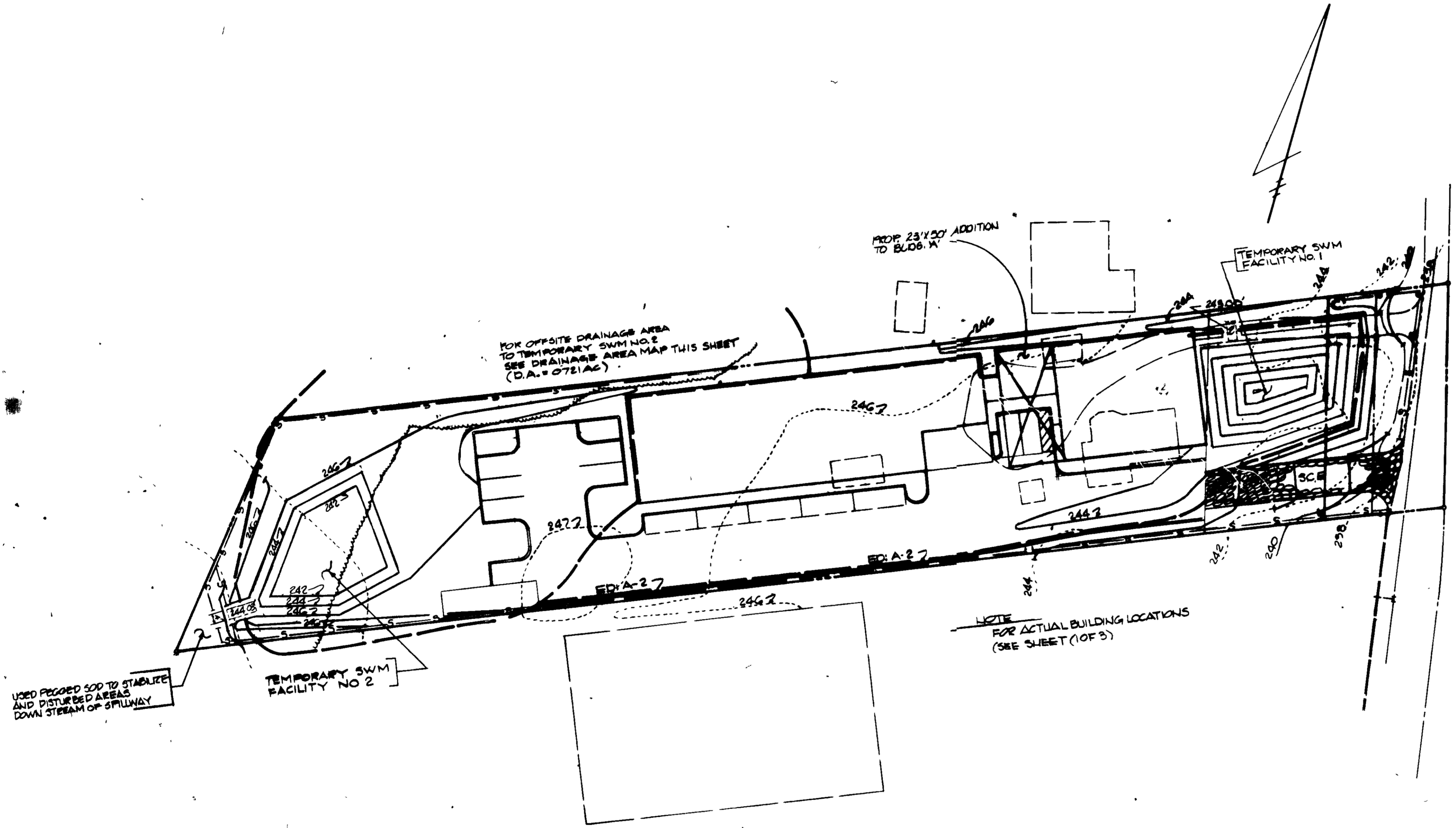
boender associates
 consulting engineers
 land surveyors
 land planners

COURTHOUSE SQUARE
 3565 ELLICOTT MILLS DRIVE
 ELLICOTT CITY, MD 21043
 (301) 465-7777

SEDIMENT TRAP SCHEDULE									
TRAP ID	SCS R2P STORAGE	TOTAL 2YR R2P STORAGE	TOTAL 10YR R2P STORAGE	STORAGE FLOOD	SPILLWAY ELEV.	SPILLWAY WIDTH	BOTTOM AREA	BOTTOM ELEV.	CLEANOUT ELEV.
TEMPORARY SWM #1	1200 CF	6271 CF	9963 CF	11,365 CF	243.00'	4.0'	1260 SF	232.0'	234.27
TEMPORARY SWM #2	1946 CF	4710 CF	5350 CF	5350 CF	244.03'	4.0'	33 SF	241.50	242.15



OFFSITE DRAINAGE AREA MAP
SCALE 1"=200'



MD. ROUTE 175
PROJECT NO. 88-127
S.H.A. PLAN-460

- CONSTRUCTION SEQUENCE
1. Obtain grading permit and building permit.
 2. Notify the Howard County Bureau of Licenses Inspections and Permits, and the Construction Inspections/Permits Division at least 24 hours prior to beginning grading operations.
 3. Clear and grub as necessary to install temporary sediment control devices.....2 days
 4. Install temporary sediment control devices as directed by the sediment control inspector (S.C.I., S.F., S.B., temporary sediment traps 1 & 2).....1 week
 5. Clear and grub site as outlined by Section 2.1 of the Subsurface Exploration and Geotechnical Evaluation for this site prepared by the Association, Inc. dated November 26, 1986.....1 week
 6. Clear and grub site. Retain existing drainage to sediment control devices.....3 days
 7. Apply temporary stabilization to any disturbed areas above ground.....3 days
 8. Apply temporary stabilization to any remaining disturbed areas.....2 days
 9. Apply temporary stabilization to any remaining disturbed areas.....2 days
 10. Apply temporary stabilization to any remaining disturbed areas.....2 days
 11. Apply temporary stabilization to any remaining disturbed areas.....2 days
 12. Apply temporary stabilization to any remaining disturbed areas.....2 days
 13. Apply temporary stabilization to any remaining disturbed areas.....2 days
 14. Convert temporary sediment trap no. 1 into S.C.I. no. 1 with approval of the sediment control inspector by:
 - A. Pump any standing water into a stabilized wetwell.
 - B. Remove any sediment and deposit it on a site with approved sediment control measures.
 - C. Construct S.C.I. no. 1 and the remaining 20 feet of 15" perforated stone drain.
 - A. Remove the S.C.I. from 1-1.....2 weeks
 15. Apply temporary stabilization to any remaining disturbed areas.....3 days
 16. Convert temporary sediment trap no. 2 into S.C.I. no. 2 with approval of the sediment control inspector by:
 - A. Pump any standing water into a stabilized wetwell.
 - B. Remove any sediment and deposit it on a site with approved sediment control measures.
 - C. Construct S.C.I. no. 2.....2 weeks
 17. Bring remaining areas to be paved to subgrade.....2 days
 18. Install remaining curbing.....1 week
 19. Pave remaining driveway and sidewalk.....1 week
 20. File grade remainder of site.....2 days
 21. Apply permanent stabilization to any disturbed areas as directed by the sediment control inspector.....2 days
 22. With approval of the sediment control inspector, remove remaining sediment control devices.....3 days
 23. As directed by the sediment control inspector, apply permanent stabilization to all remaining disturbed areas.....1 day

John McHale 10-31-87
SOIL CONSERVATION SERVICE

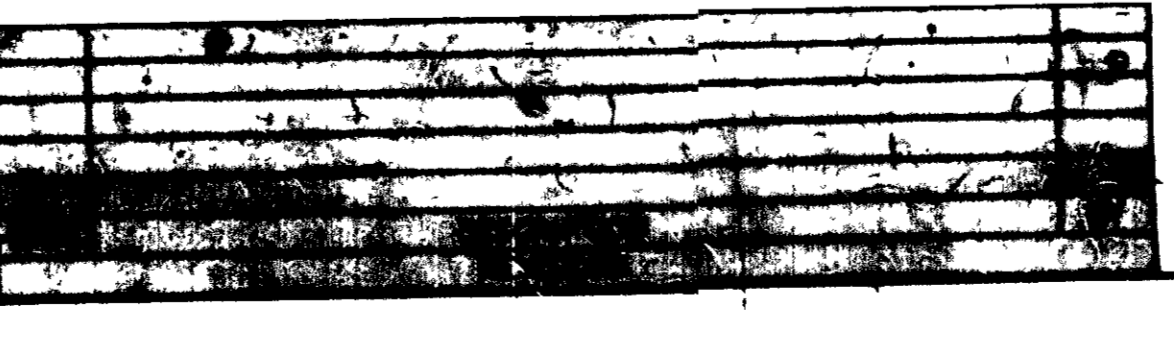
John R. Robinson 12/2/87
SOIL CONSERVATION SERVICE

Joyce R. Blyden 1-26-88
COUNTY HEALTH DEPARTMENT

W. P. Amis 01/18/88
PLANNING AND ZONING

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 11-20-87

STATE OF MARYLAND
DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES
DIVISION OF WATER CONTROL



OWNER / DEVELOPER
J & R ROOFING
14440 CHERRY LANE COURT
SUITE 104
LAUREL, MD. 20707

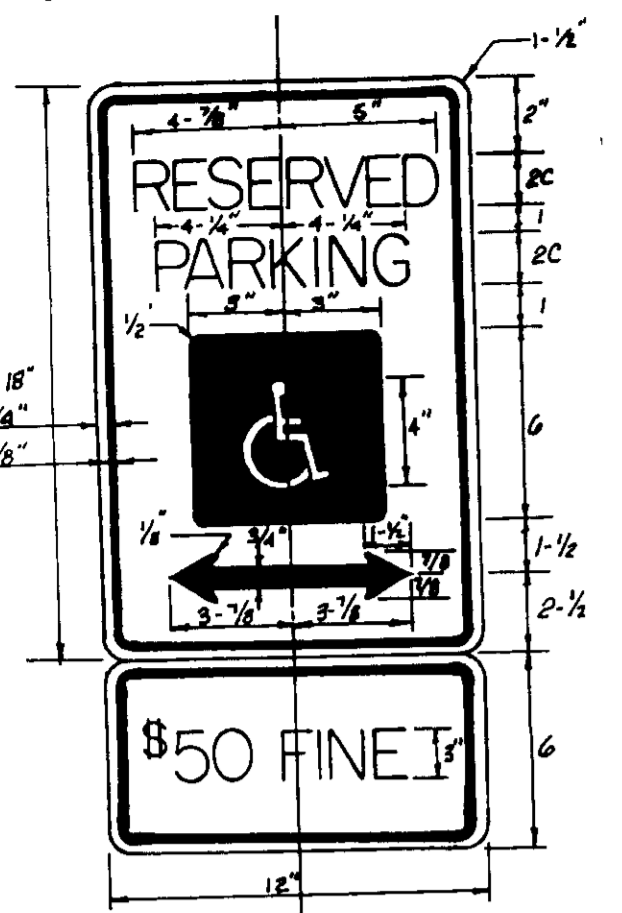
REVISIONS TO S.D.P. - 87-127

TITLE	SEDIMENT CONTROL PLAN		
PROJECT	J & R ROOFING		
LOCATION	TAX MAP 45, BLOCK 21, PARCEL 421		
SUBJECT	SECTION	DISTRICT	COMM. NO.
SCALE	1"=30'	DESIGNED BY	JOE MARCH
FIELD BOOK	NO. 88-127	CHECKED BY	W.A. / S.B. / S.C. 888
		DATE	11-20-87

boender associates
inc
consulting engineers
land surveyors
land planners

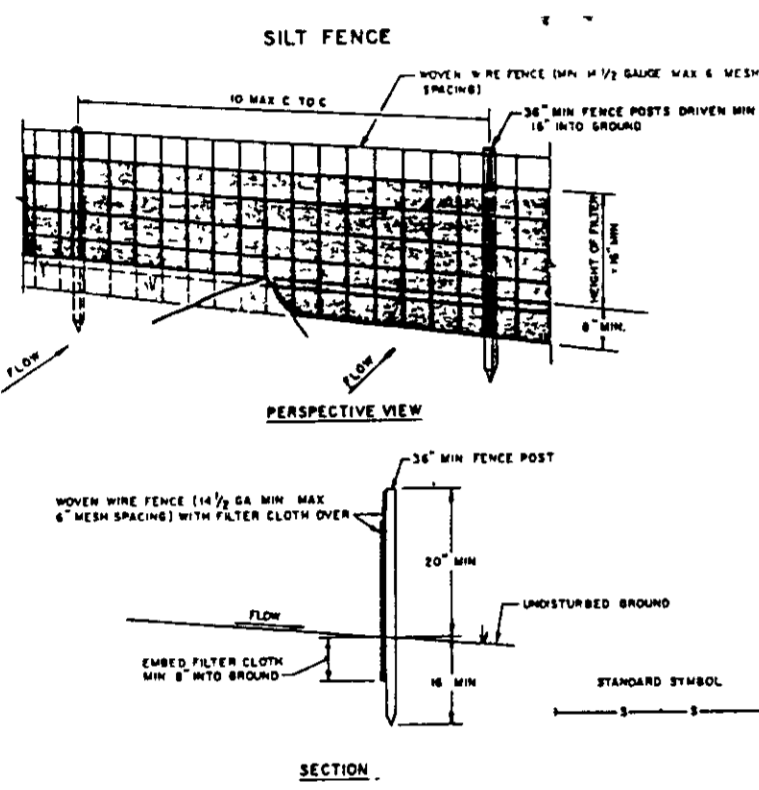
COURTHOUSE SQUARE
3668 ELLICOTT HILLS DRIVE
ELLCOTT CITY, MD. 21043
1801 486-7777

S.D.P. - 88-76

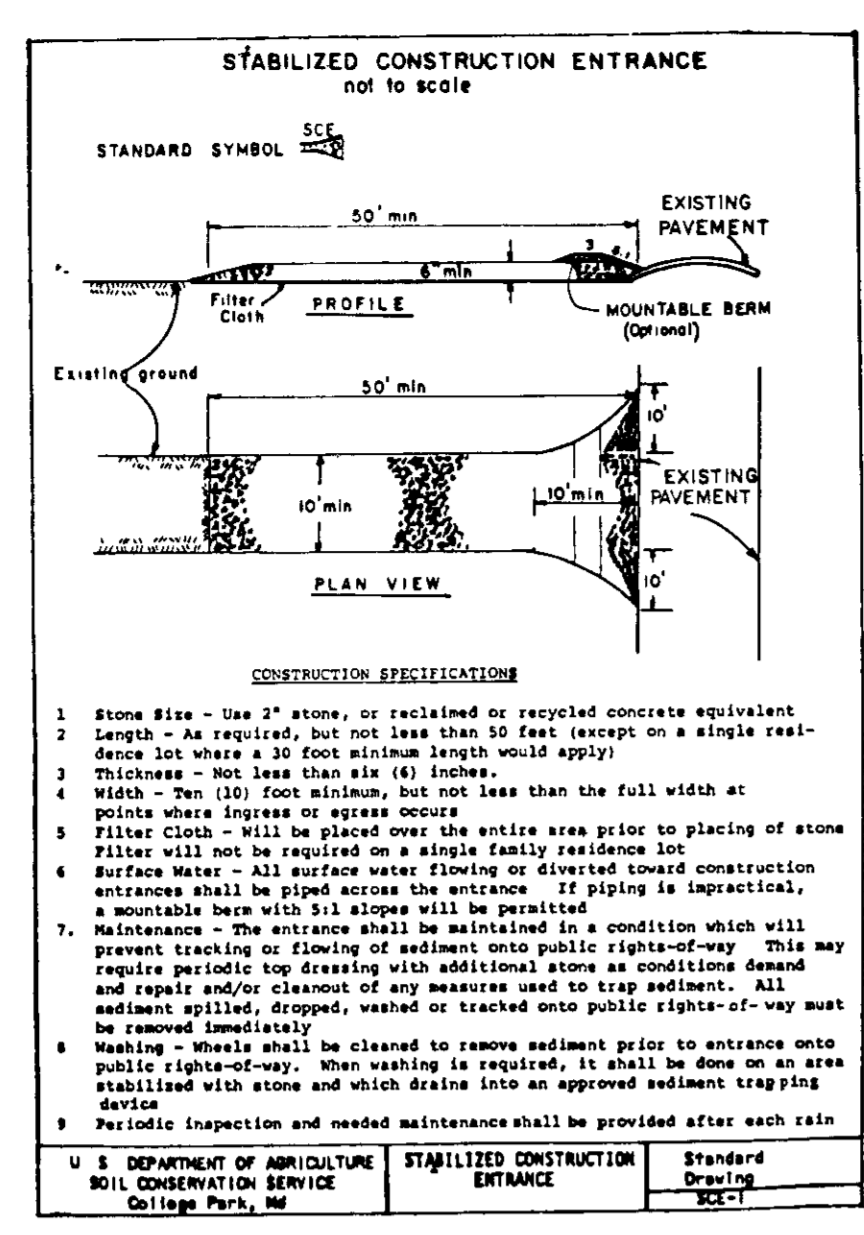


HANDICAPPED PARKING SIGN

NOTES GOVERNING \$50 FINE SIGN AS PER HOWARD CO BILL NO. 58-84
 1. SIGN TO UTILIZE AN ALUMINUM BLANK 6'x12'x0.080" THICK WITH TWO (2) SINGLE POST MOUNTING HOLES
 2. THE TEXT AND BORDER SHALL BE STANDARD GREEN TO MATCH THAT ON R-7-S, AND THE BACKGROUND SHALL BE REFLECTIVE WHITE TEXT SHALL BE 3" HIGH.
 3. FINE SIGN TO BE HUNG AT A MINIMUM HEIGHT OF 7" AND A MAXIMUM HEIGHT OF 10".
 4. NOT TO SCALE



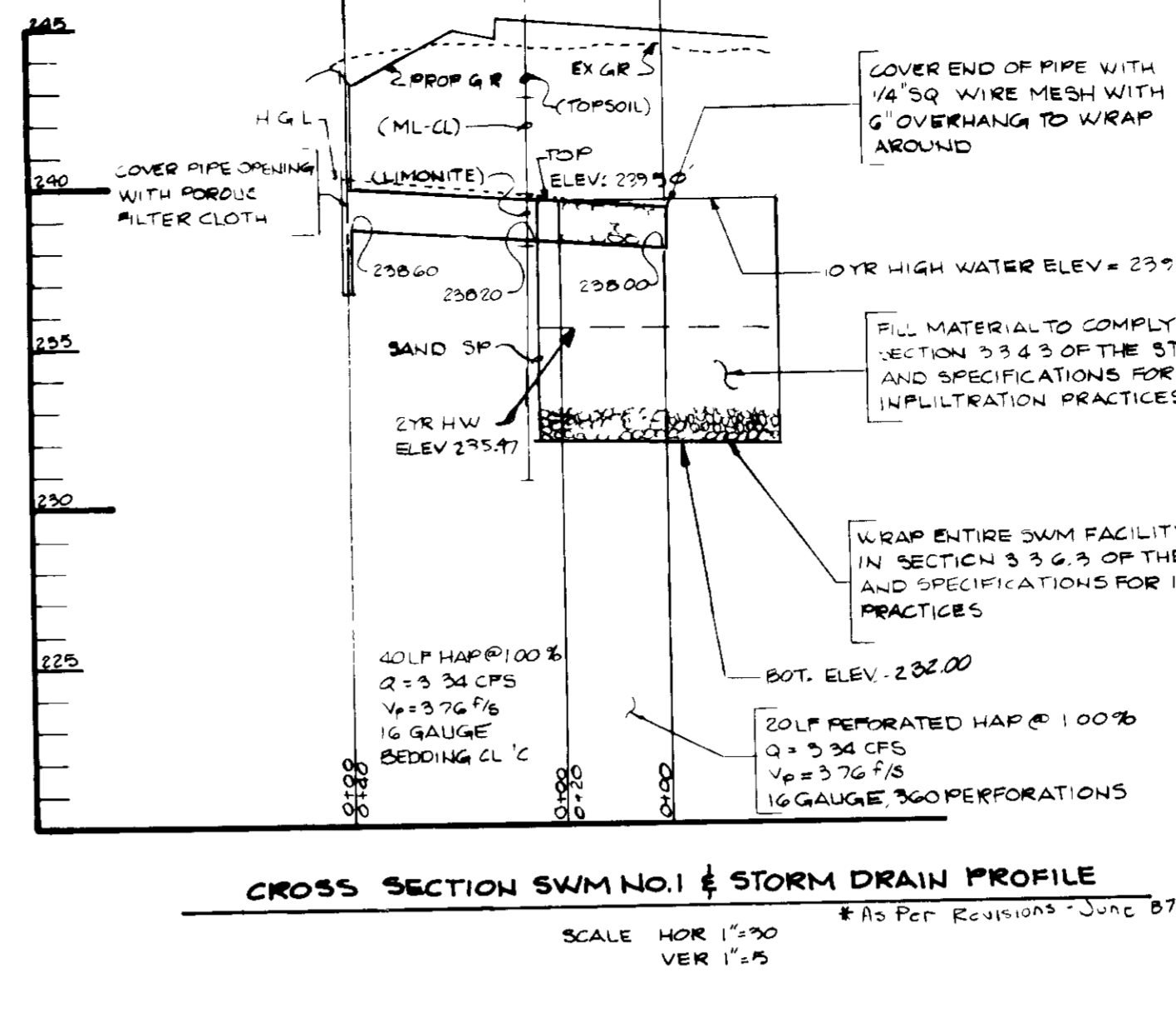
CONSTRUCTION NOTES FOR FABRICATED SILT FENCE
 1. WOOD WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES
 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOOD WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION
 3. WOOD POST SECTIONS OF FILTER CLOTH SHOULD EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND POLISHED
 4. PAINTING SHALL BE PERFORMED AS NEARLY AS PRACTICAL BEFORE THE SILT FENCE IS DEVELOPED IN THE SILT FENCE.
 POSTS: STEEL EIGHTER T OR I TYPE OR 2" HARDWOOD
 FENCE: 30# WIRE, 3/8" GA
 FILTER CLOTH: FILTER CLOTH SHALL BE 100% POLYPROPYLENE OR APPROVED EQUIVALENT
 PREFABRICATED UNIT: GEOPAN, SANDWICH PANEL, OR APPROVED EQUIV.



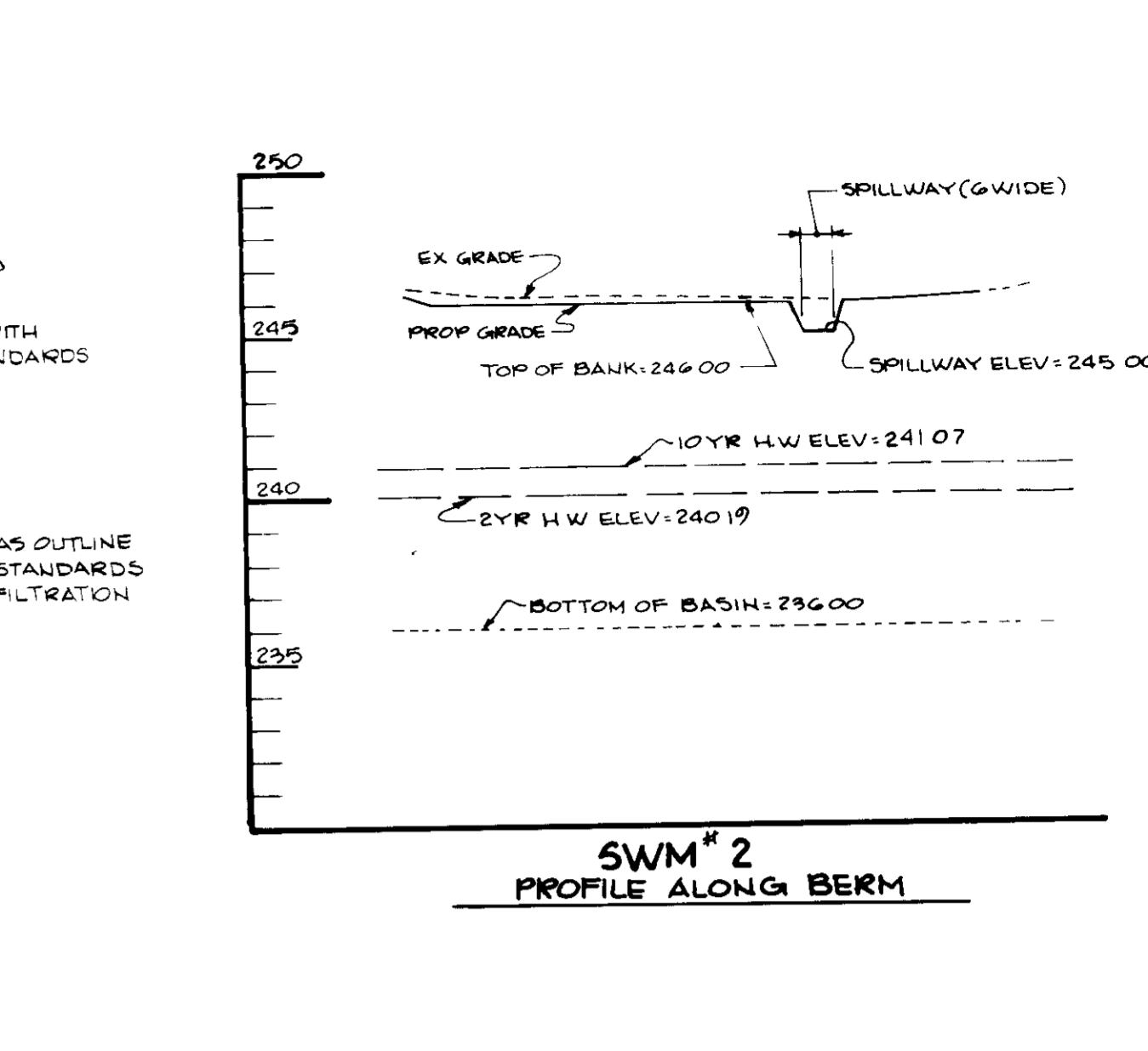
STABILIZED CONSTRUCTION ENTRANCE
 not to scale
 STANDARD SYMBOL
 CONSTRUCTION SPECIFICATIONS
 1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent length - As required, but not less than 50 feet (except on a single residence lot where a 20 foot minimum length would apply)
 2. Thickness - Not less than six (6) inches.
 3. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs
 4. Filter Cloth - Will be placed over the entire area prior to placing of stone
 5. Surface Water - All surface water flowing or diverted toward construction entrance shall be piped across the entrance. If piping is impractical, a mountable berm with 5:1 slope will be permitted
 6. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-of-way. This may require periodic top dressing with additional stone as conditions demand and repair and/or cleaning of any measure used to trap sediment. All sediment spilled, dropped, washed or tracked onto public right-of-way must be removed immediately
 7. Marking - Markers shall be placed to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area stabilized with stone and which drains into an approved sediment trapping device
 8. Periodic inspection and needed maintenance shall be provided after each rain
 U.S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE
 College Park, MD
 STANDARD DRAWING
 ST-1

PERMIT SEEDING NOTES
 Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed
 Seeding Preparation - Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened
 Soil Amendments - In lieu of soil test recommendations, use one of the following schedules
 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 400 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding
 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding
 3) Alternative - Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft) before seeding
 Seeding - For the periods March 1 thru April 30, and August 1 thru October 15, seed with 40 lbs per acre (4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 40 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (.05 lbs/1000 sq ft) of creeping lovegrass. During the period of October 16 thru February 28, project site by Option (1) 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring. Option (2) Use and Option (3) Seed with 40 lbs/acre Kentucky 31 Tall Fescue and mulch with 2 tons/acre well anchored straw.
 Mulching - Apply 1 1/2 to 2 tons per acre (10 to 20 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2 1/2 gallons per acre (5 gal/1000 sq ft) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 3 1/2 gallons per acre (8 gal/1000 sq ft) for anchoring.
 Maintenance - Inspect all seeded areas and make needed repairs, replacements and reseedings
 TEMPORARY SEEDING NOTES
 Apply to graded or cleared areas likely to be reseeded where a short-term vegetative cover is needed
 Seeding Preparation - Loosen upper three inches of soil by raking, discing or other acceptable means before seeding, if not previously loosened
 Soil Amendments - Apply 400 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft)
 Seeding - For periods March 1 thru April 30 and from August 15 thru November 15, seed with 25 lbs/acre of annual ryegrass (2.5 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of creeping lovegrass (.07 lbs/1000 sq ft). For the period November 16 thru February 28, project site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use seed
 Mulching - Apply 1 1/2 to 2 tons per acre (10 to 20 lbs/1000 sq ft) of untreated small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 2 1/2 gal per acre (5 gal/1000 sq ft) of emulsified asphalt for anchoring on flat areas. On slopes, 8 ft. or higher, use 3 1/2 gal per acre (8 gal/1000 sq ft) for anchoring.
 Refer to the 1983 HARTLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR RATE AND METHODS NOT COVERED

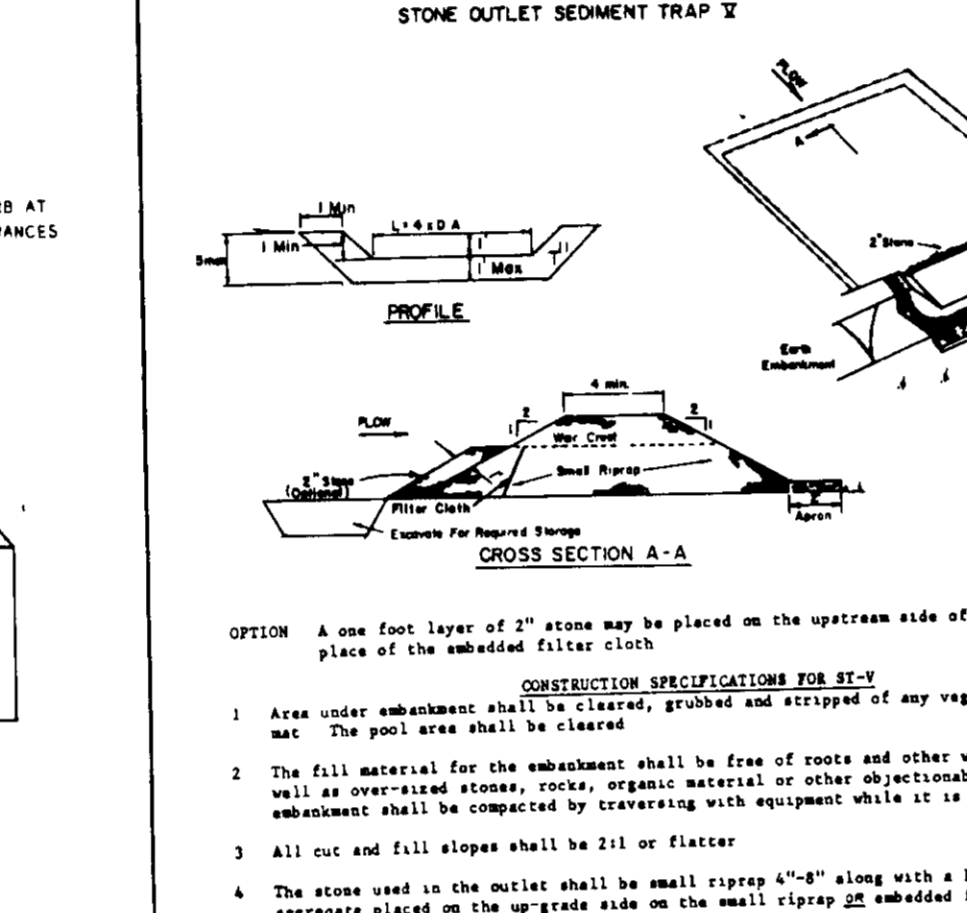
SEEDING CONTROL NOTES
 1) A minimum of 24 hours notice must be given to the Howard County Office of any construction permit prior to the start of any construction (892-2437).
 2) All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in accordance with the 1983 HARTLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 3) Leaving initial soil disturbance or reseeded areas until they are stabilized shall be completed within 7 calendar days for all areas to be in accordance with the 1983 HARTLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 4) All sediment traps/basins shall be located and installed in accordance with the 1983 HARTLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 5) All disturbed areas must be stabilized within the time period specified above in accordance with the 1983 HARTLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
 6) All sediment control structures are to remain in place and are to be maintained in effective condition until permanent vegetation has been established on the Howard County Sediment Control Inspector.
 7) Site Analysis:
 Total Area of Site: 0.000 Acres
 Area to be seeded or graded: 0.000 Acres
 Area to be vegetatively stabilized: 0.000 Acres
 Total Cut: 0.000 Cu Yds
 Total Fill: 0.000 Cu Yds
 Offsite waste/borrow area location:
 8) An sediment control practice which is disturbed by the activity for placement of utilities must be repaired on the same day of disturbance.
 9) Additional sediment controls must be provided, if necessary, by the Howard County SWM sediment control inspector.
 10) On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be required upon completion of installation of grading erosion and sediment controls, but before proceeding with any other earth disturbance or grading activities, including grading. Inspection approval may not be authorized until the initial approval by the inspection agency is made.



CROSS SECTION SWM NO. 1 STORM DRAIN PROFILE
 SCALE: HORIZ 1"=50' VERT 1"=5'

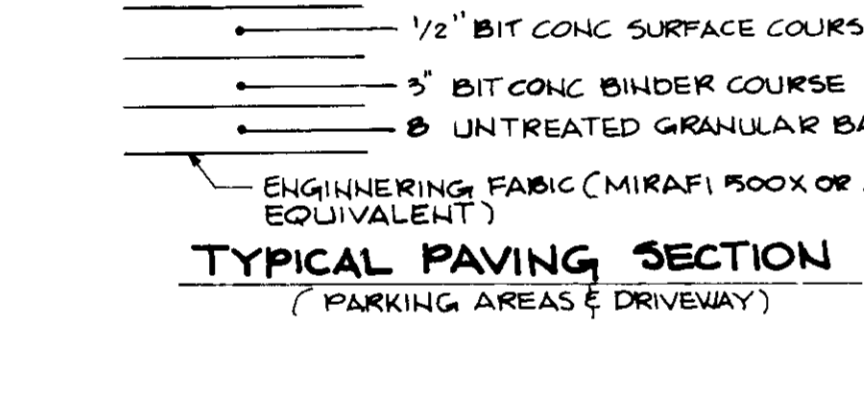


SWM NO. 2 PROFILE ALONG BERM
 SCALE: HORIZ 1"=50' VERT 1"=5'



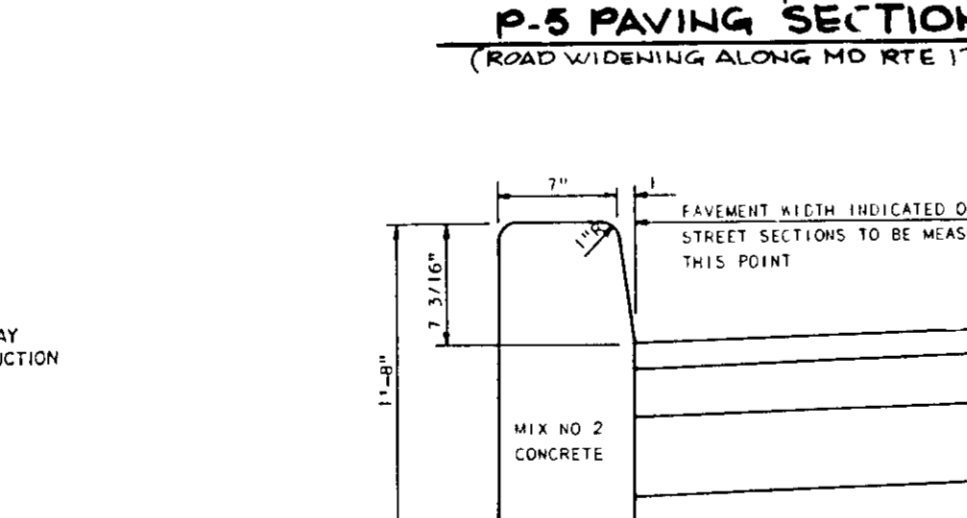
STONE OUTLET SEDIMENT TRAP
 OPTION A one foot layer of 2" stone may be placed on the upstream side of the trap in place of the embedded filter cloth.
 CONSTRUCTION SPECIFICATIONS FOR ST-1
 1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
 2. The fill material for the embankment shall be free of roots and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by tamping with equipment while it is being constructed.
 3. All cut and fill slopes shall be 2:1 or flatter.
 4. The stone used in the outlet shall be small (1/2" to 1") with a 1" thickness of 2" aggregate placed on the up-grade side on the small (1/2" to 1") embedded filter cloth in the trap.
 5. 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.
 6. The structure shall be inspected after each rain and repairs made as needed.
 7. Construction operations shall be carried out in such a manner that erosion and water runoff are minimized.
 8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.
 Maximum Drainage Area: 5 Acres
 U.S. DEPARTMENT OF AGRICULTURE
 SOIL CONSERVATION SERVICE
 College Park, Maryland
 STANDARD DRAWING
 ST-2

CONSTRUCTION SPECIFICATIONS FOR ST-2
 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 and other woody vegetation as well as oversized stones, rocks, organic material or other objectionable material. The embankment shall be compacted by tamping with equipment while it is being constructed.
 3. All cut and fill slopes shall be 2:1 or flatter.
 4. The stone used in the outlet shall be small (1/2" to 1") with a 1" thickness of 2" aggregate placed on the up-grade side on the small (1/2" to 1") embedded filter cloth in the trap.
 5. 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.
 6. The structure shall be inspected after each rain and repairs made as needed.
 7. Construction operations shall be carried out in such a manner that erosion and water runoff are minimized.
 8. The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

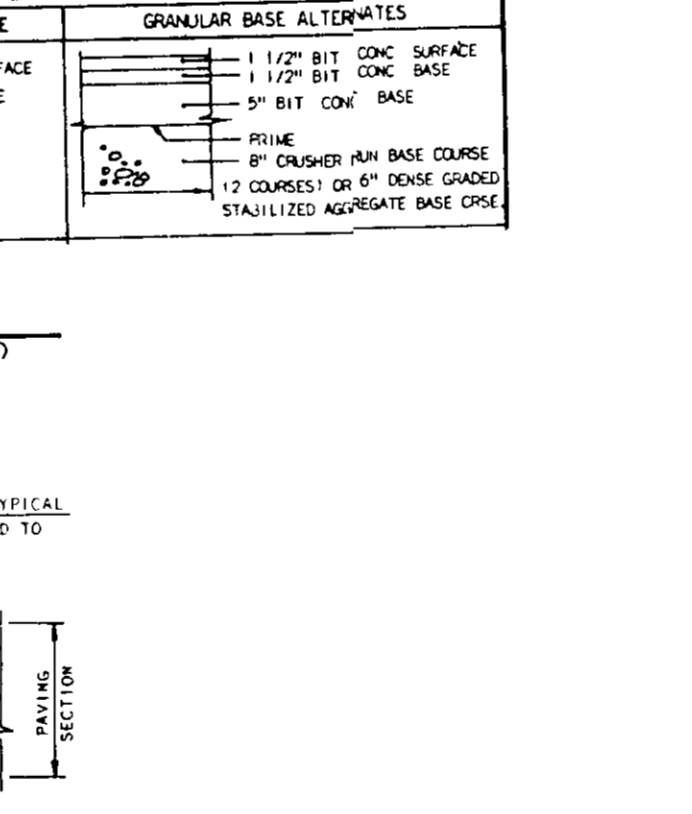


TYPICAL PAVING SECTION
 (PARKING AREAS & DRIVEWAYS)

SECTION NUMBER	ROAD AND STREET CLASSIFICATION	PAVEMENT MATERIALS
P-5	COMMERCIAL-INDUSTRIAL ZONES MAJOR COLLECTOR ALL ZONES MINOR ARTERIAL	FULL DEPTH BIT CONC. ALTERNATE 1 1/2" BIT CONC. SURFACE 4 1/2" BIT CONC. BASE 5" BIT CONC. BASE GRANULAR BASE ALTERNATES 1 1/2" BIT CONC. SURFACE 1 1/2" BIT CONC. BASE 5" BIT CONC. BASE PRIME 12" GRANULAR BASE COURSE 12" GRANULAR OR 6" DENSE GRADED STABILIZED AGGREGATE BASE COURSE



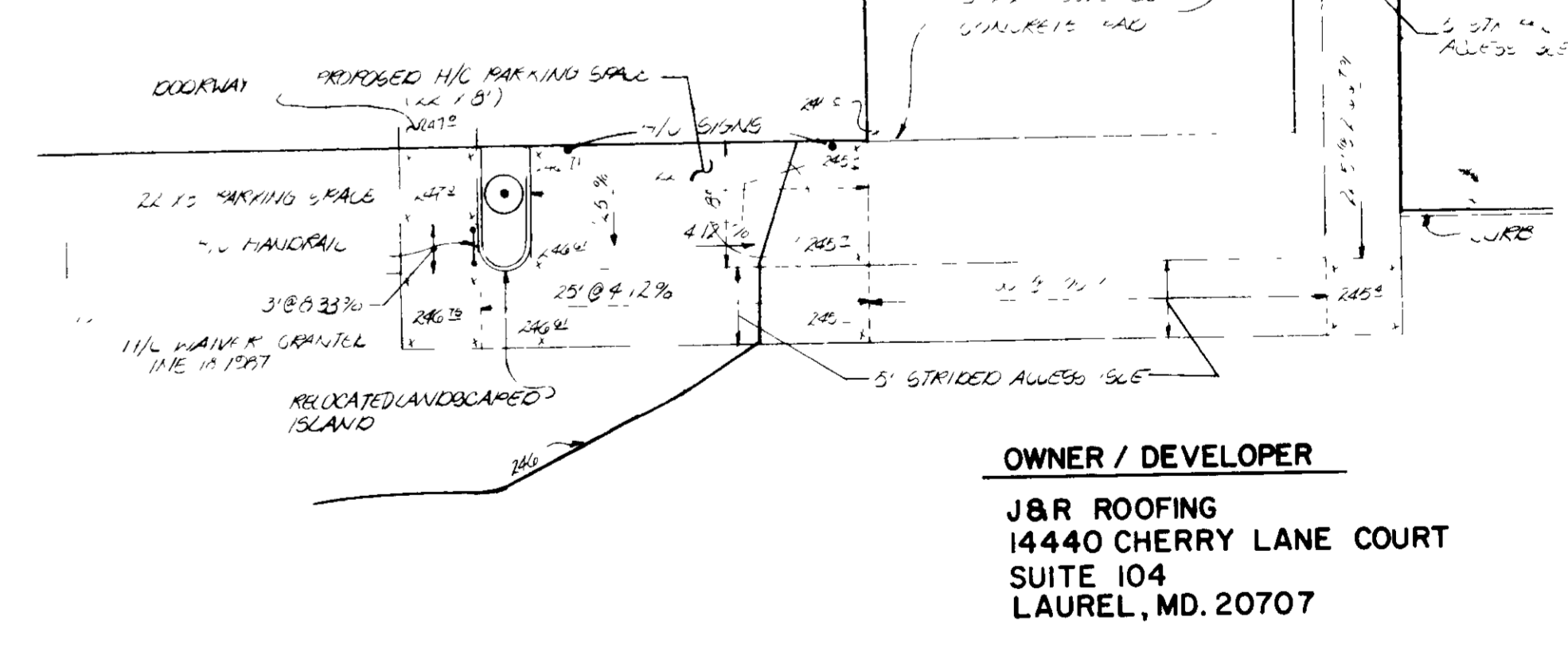
P-5 PAVING SECTION
 (ROAD WIDENING ALONG MD RTE 175)



STD. BARRIER CURB



PARKING SPACE DETAIL 'A'
 SCALE: 1"=50'



OWNER / DEVELOPER
 J&R ROOFING
 14440 CHERRY LANE COURT
 SUITE 104
 LAUREL, MD. 20707

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS
 10-31-87
 U.S. SOIL CONSERVATION SERVICE
 APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
 1-26-88
 APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
 2-2-88
 APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 1-12-88

APPROVED
 "VISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION"
 HOWARD COUNTY MARYLAND
 DATE: 11-20-87

DEVELOPER'S CERTIFICATE
 I CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL 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. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTIONS BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, IF SO DETERMINED NECESSARY.
 DATE: 10/12/87

ENGINEER'S CERTIFICATE
 I CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND HONORABLE PLAN BASED ON PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT.
 DATE: 10-12-87

TITLE		DETAILS	
PROJECT	J&R ROOFING	LOCATION	TAX MAP 45, BLOCK 21, PARCEL 421
SIXTH	ELECTION DISTRICT	HOWARD	CO MD
SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
AS SHOWN	JOE NASON	J.H.B.	W.N.
FIELD BOOK	PAGE NO.	JOB NO.	DRAWING NO.
		86459	9 of 9

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