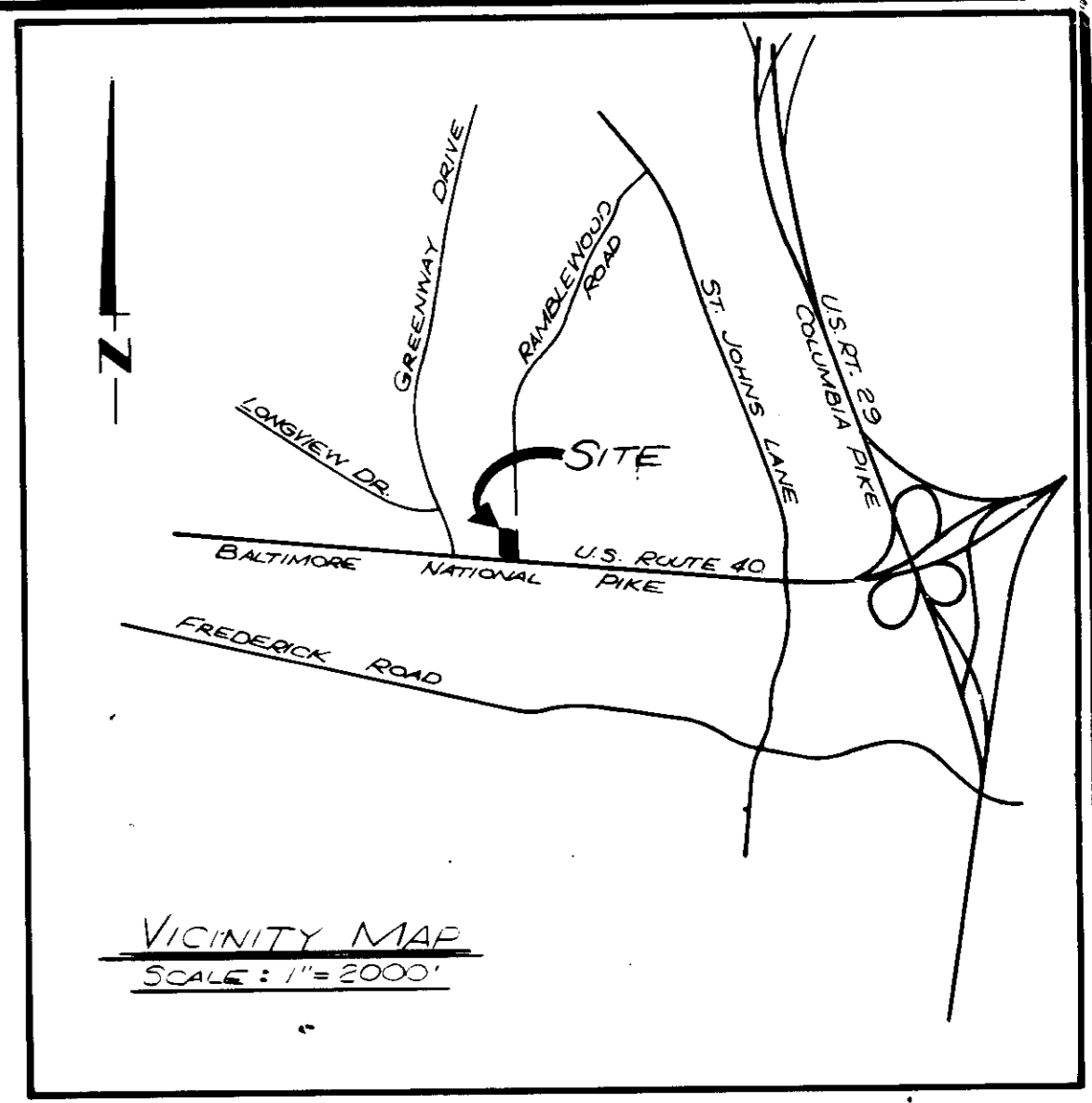


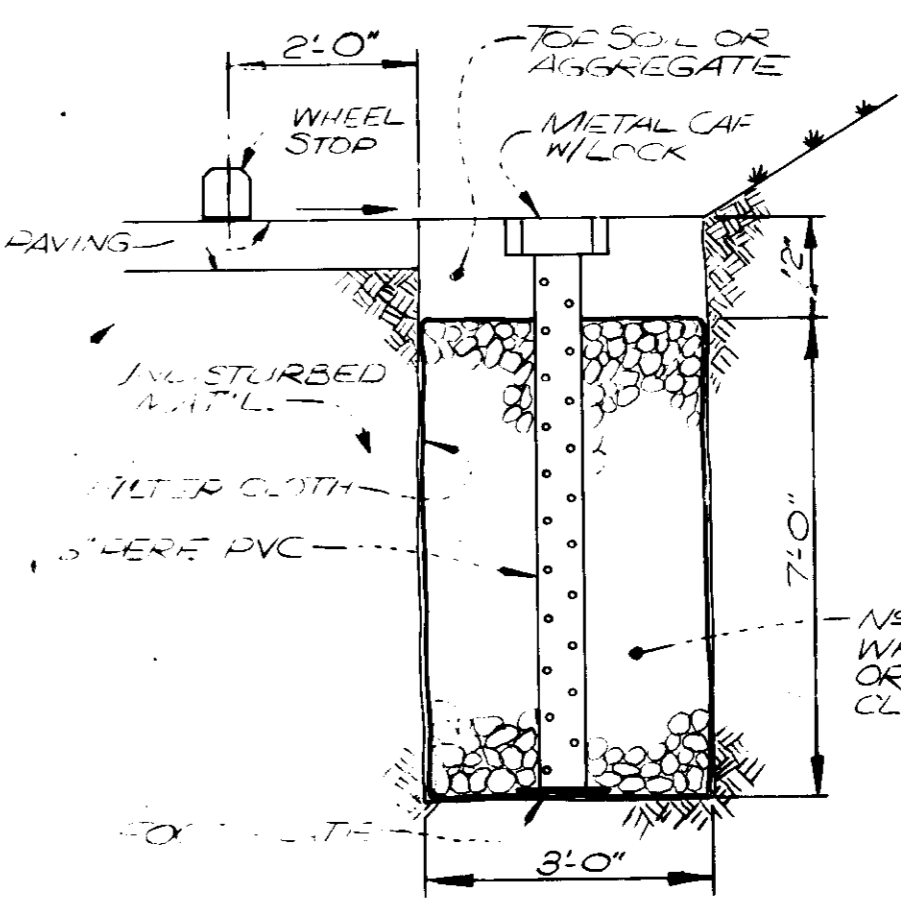
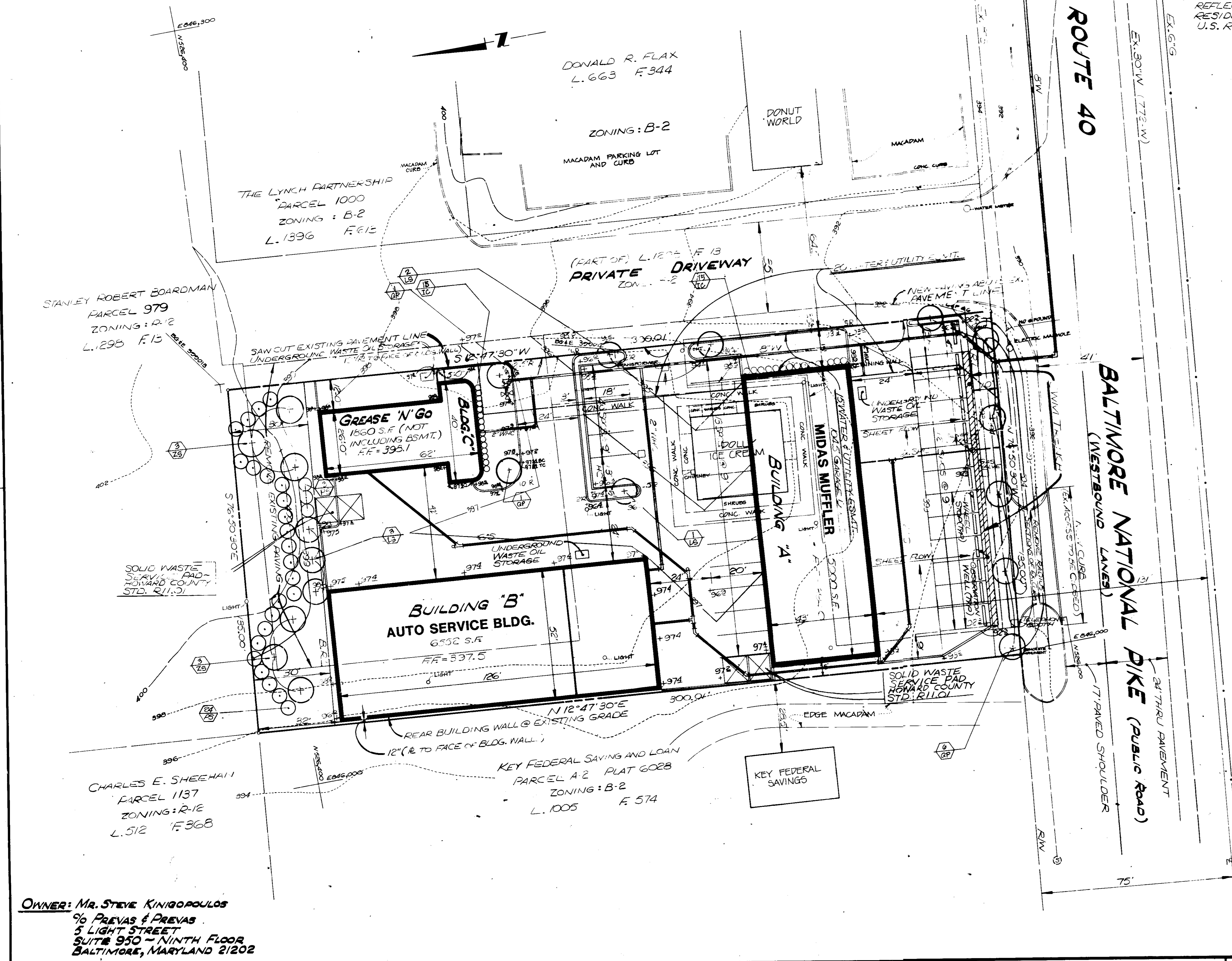
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS  
 HOWARD COUNTY DEPT. OF PUBLIC WORKS  
 DATE: 4/28/88  
 CHIEF, BUREAU OF ENGINEERING

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 DATE: 5-11-88  
 COUNTY HEALTH OFFICER

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 DATE: 5/13/88  
 PLANNING DIRECTOR



- NOTES:
1. ALL "MAN" DOORS & GARAGE DOORS HAVE A MAX. 1/2" THRESHOLD HEIGHT ABOVE PROPOSED GRADE SHOWN AT BUILDING WALL LINES.
  2. OIL SEPARATORS AND GREASE TRAPS ARE LOCATED WITH EACH BUILDING. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
  3. ALL EXTERIOR LIGHTING SHALL BE DIRECTED/REFLECTED AWAY FROM THE ADJACENT RESIDENTIALLY ZONED PROPERTY AND U.S. ROUTE 40.



PLANT LIST

QUANTITY	BOTANICAL NAME (COMMON NAME)	SIZE	KEY
6	1/2" LAMARCKIA (LAMARCKIA) SWEETGUM	2 1/2" CAL 12' HGT	LS
9	MAPLE (LIRIODENDRON) SPANISH OAK	2 1/2" CAL 8' HGT	MF
27	PINES (PINUS) WHITE PINE	3' HGT	PS
6	2 REDWOOD (QUERCUS) PIN OAK	2 1/2" CAL 12' HGT	QP
4	ZELKOVIA (FRAXINUS) SPANISH OAK	2 1/2" CAL 12' HGT	ZS
44	2 EX. ZELKOVIA (FRAXINUS) SPANISH OAK	20" DIA/PR 30' HGT	ZS

Robert H. Mamon

SITE ANALYSIS:

AREA OF PARCEL	0.33 AC.	40,500 S.F. (NOT INCLUDING 1/2" X 1/2" X 1/2")
ZONING	B-2	13,412 S.F. OF GRADE - 1116 S.F. BASEMENT
FLOOR SPACE	N/A	
MAXIMUM NUMBER OF EMPLOYEES	N/A	
PARKING REQUIRED PROVIDED	(1 PER 300 S.F.) 27	
STANDARD SPACES	21	
HANDICAP SPACES	2	
TOTAL SPACES	23	
OPEN SPACE AREA	8,342 S.F.	20.6%
BUILDING COVERAGE	13,412 S.F.	25.1%
PARKING LOT AREA	18,746 S.F.	35.1%
ISLAND AREA	2,970 S.F.	7%

BUILDING AREAS:

BLDG. 'A'	3000 SF
BLDG. 'B'	6552 SF
BLDG. 'C'	1860 SF 1200 SF BASEMENT

ADDRESS CHART

LOT NUMBER	STREET ADDRESS	SUBDIVISION NAME	SECT./AREA	LOT/PARCEL
BLDG. 'A'	3433 BALTIMORE NATIONAL PIKE	DOLLY PROPERTY	24	978
3, 4, 5, 6	3440 BALTIMORE NATIONAL PIKE	416/663	4	182
BLDG. 'C'	3442 BALTIMORE NATIONAL PIKE	F14	24	2

SEWER CODE: 1403900

No.	REVISION	DATE	BY

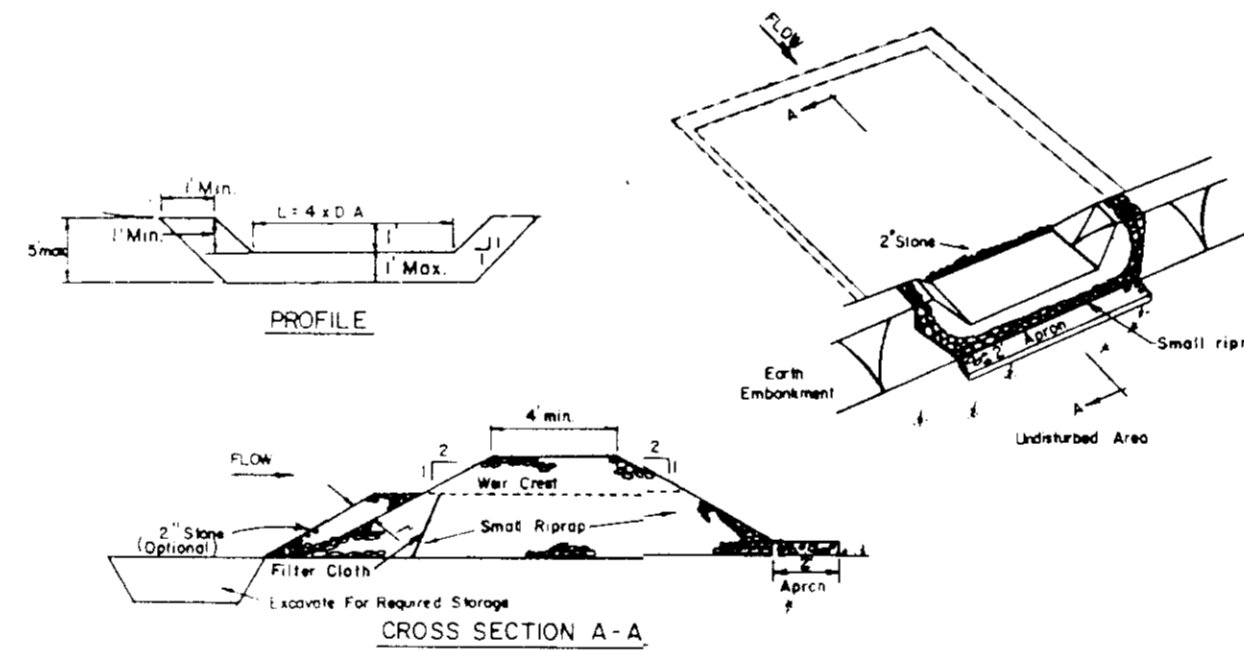
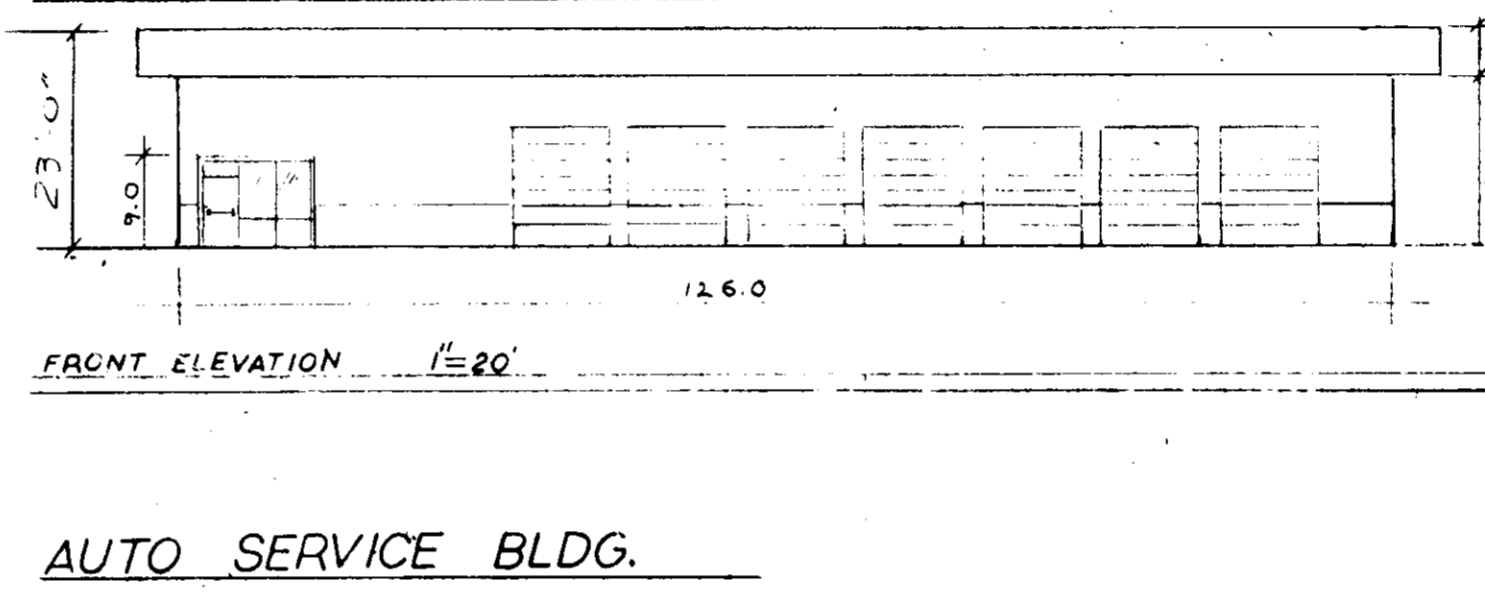
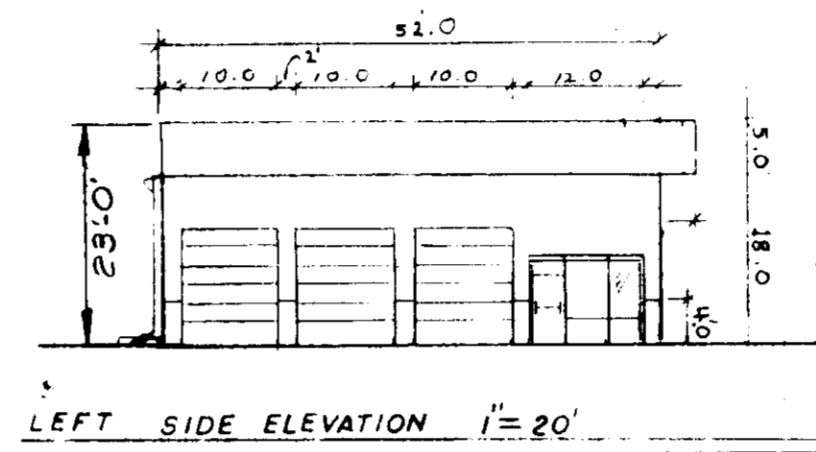
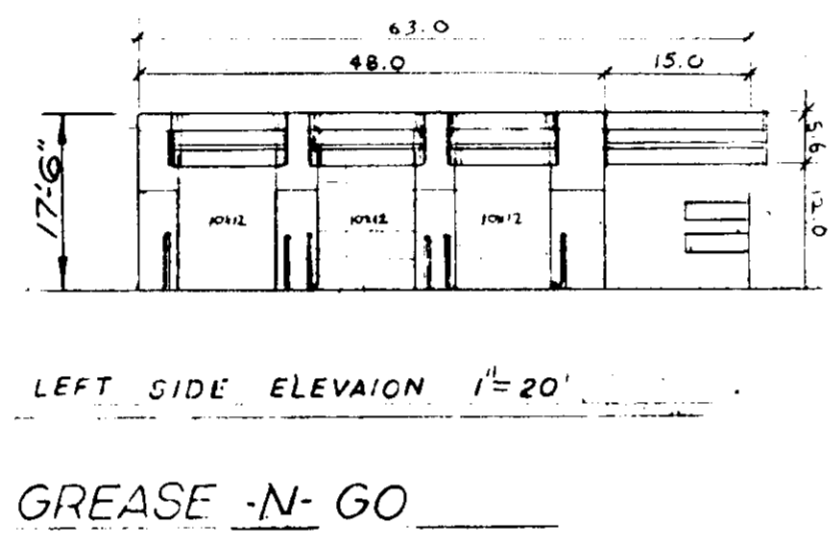
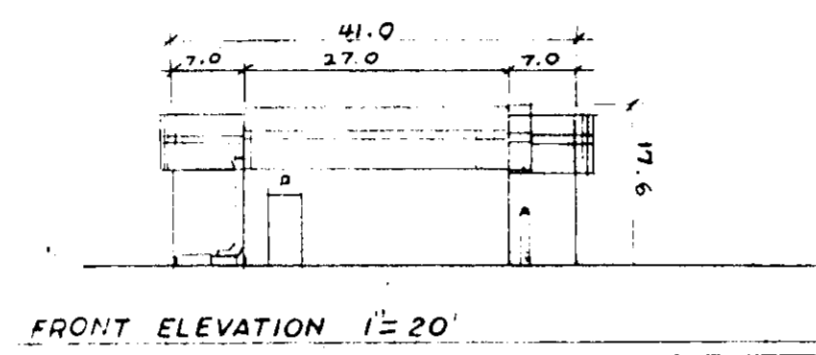
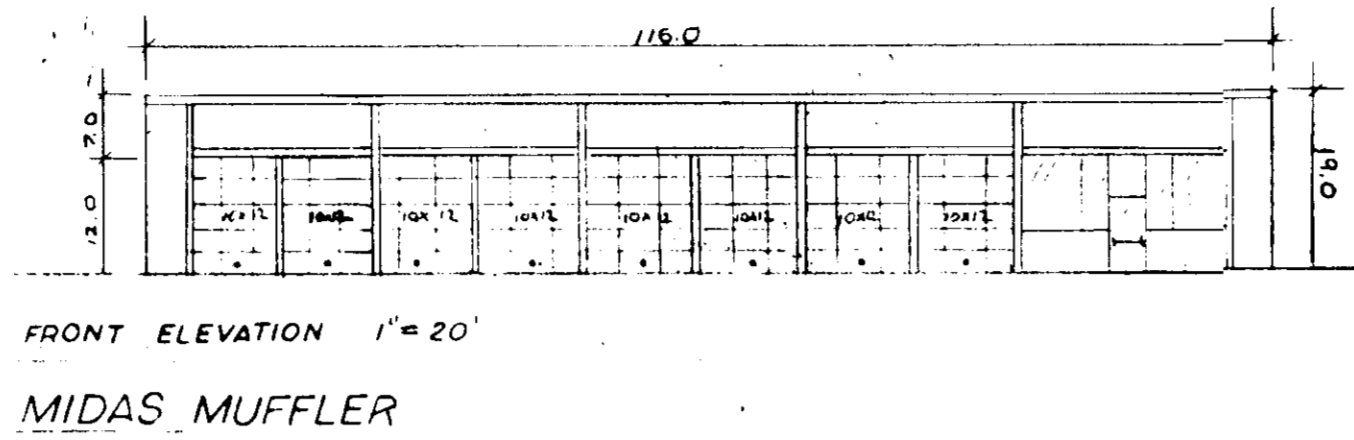
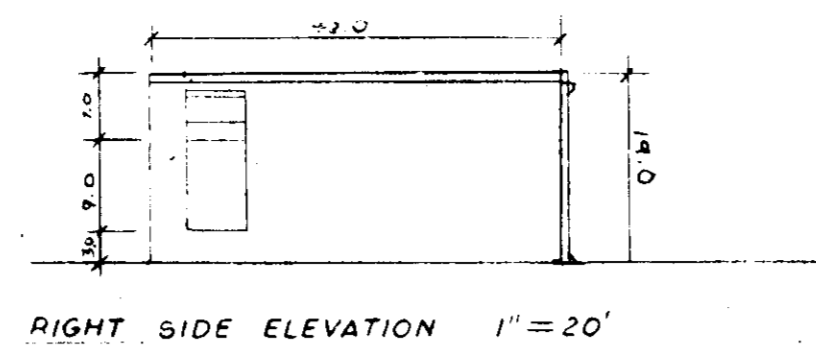
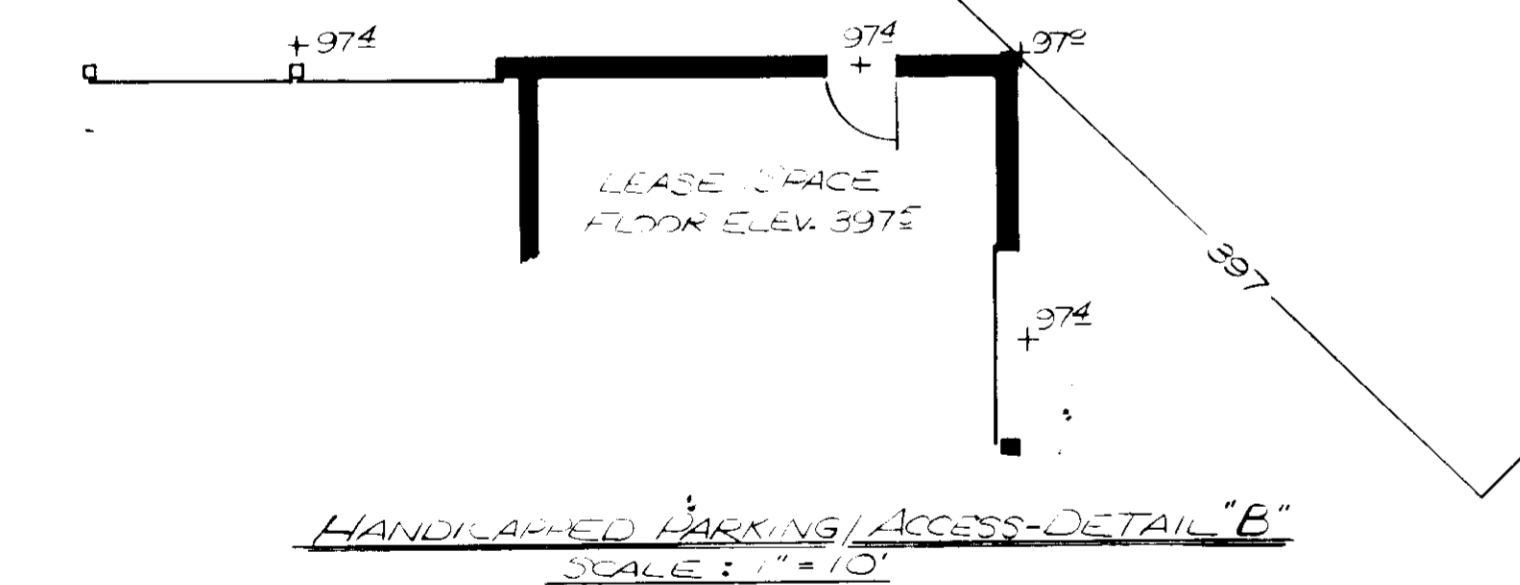
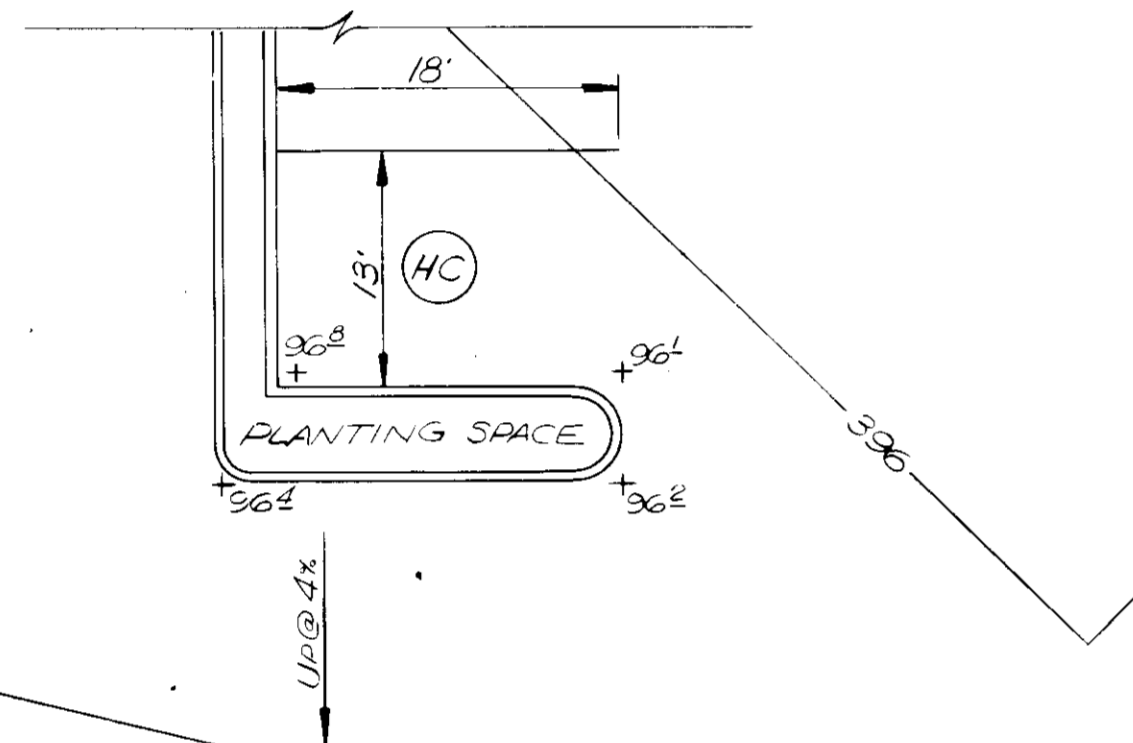
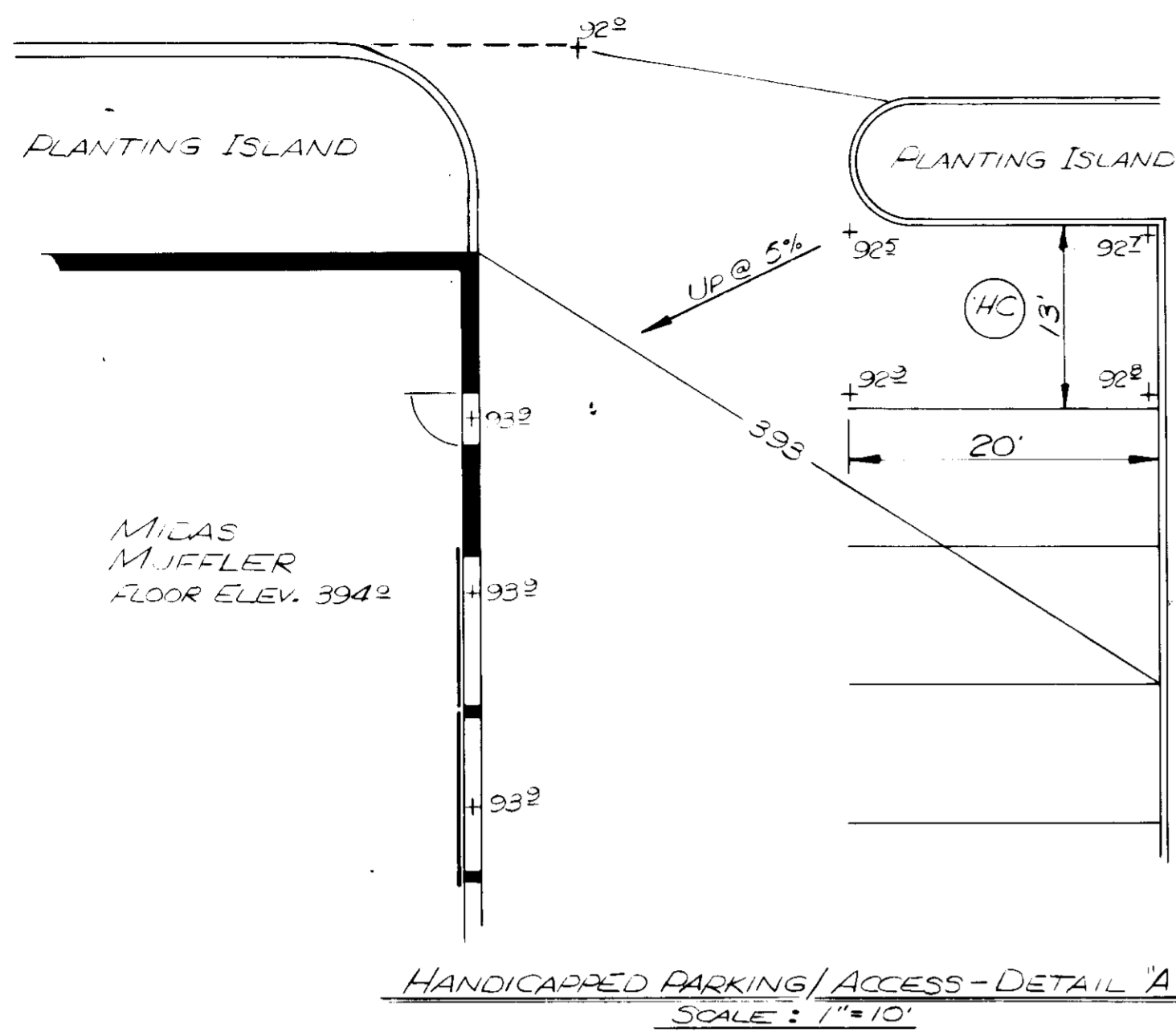
ENGINEERS • ARCHITECTS • PLANNERS • SCIENTISTS • SURVEYORS • PHOTOGRAMMETRISTS

**GREENHORNE & O'MARA, INC.**  
 2 RESEARCH PLACE, ROCKVILLE, MARYLAND 20850  
 (301) 948-0900

ANNAPOLIS, MD • ATLANTA, GA • AURORA, CO • CULPEPER, VA • EXPORT, PA • FAIRFAX, VA  
 GREENBELT, MD • MANASSAS, VA • MONROE, MI • RALEIGH, NC • TAMPA, FL

**SITE DEVELOPMENT & LANDSCAPE PLAN**  
**THE DOLLY PROPERTY**  
 TAX MAP 24 BLOCK 4 PARCEL 979  
 2ND ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

DLM DESIGN SCALE 1" = 20'  
 KB/JDP DRAWN 1 OF 5  
 RHM CHECKED SHEET  
 JUNE 87 DATE JOB No. FILE No. B-1022-X  
 SDP-88-03



OPTION: A one foot layer of 2" stone may be placed on the upstream side of the riprap in place of the embedded filter cloth.

CONSTRUCTION SPECIFICATIONS FOR ST-V

- Area under embankment shall be cleared, grubbed and stripped of any vegetation and root mat. The pool area shall be cleared.
- 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 traversing with equipment while it is being constructed.
- All cut and fill slopes shall be 2:1 or flatter.
- The stone used in the outlet shall be small riprap 4"-8" along with a 1" thickness of 2" aggregate placed on the up-grade side on the small riprap or embedded filter cloth in the trap.
- Sediment shall be removed and trap restored to its original dimensions when the sediment has accumulated to 3/4 the design depth of the trap.
- The structure shall be inspected after each rain and repairs made as needed.
- Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
- The structure shall be removed and the area stabilized when the drainage area has been properly stabilized.

STONE OUTLET SEDIMENT TRAP V  
SCALE: AS SHOWN

APPROVED  
DIVISION OF LAND DEVELOPMENT &  
ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 10-2-87

APPROVED: FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS  
HOWARD COUNTY DEPT. OF PUBLIC WORKS

James J. Kelly 4/20/88  
DIRECTOR DATE  
Robert H. Mannon 4-23-88  
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

James J. Kelly 5-11-88  
COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING

James J. Kelly 5/13/88  
PLANNING DIRECTOR DATE  
Robert H. Mannon 5/18/88  
CHIEF, BUREAU OF COMMUNITY PLANNING & LAND DEVELOPMENT DATE

NATIONAL CAR CARE CENTERS, INC.  
20 EAST TIMONIUM ROAD, SUITE 111  
TIMONIUM, MARYLAND 21093  
PHONE: 301-252-9046

No.	REVISION	DATE	BY



ENGINEER • ARCHITECT • PLANNERS • SCENARISTS • SURVEYORS • PHOTOGRAMMETRISTS  
**GREENHORNE & O'MARA, INC.**  
113 WEST ROAD, SUITE 208, BALTIMORE, MARYLAND 21204  
(301) 296-4100  
ANNAPOLIS MD • ATLANTA GA • AURORA CO • CULPEPER VA • EXPORT PA • FAIRFAX VA  
GREENBELT MD • MANASSAS VA • MONROE MI • RALEIGH NC • ROCKVILLE MD • TAMPA FL

SITE PLAN & SEDIMENT CONTROL DETAIL SHEET  
**THE DOLLY PROPERTY**  
TAX MAP 24 BLOCK 4 PARCEL 979  
2ND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

DLM DESIGN	SCALE AS SHOWN
JDP DRAWN	2 OF 5
RHM CHECKED	SHEET
JUNE '87 DATE	B-1022-X FILE No
	JOB No.

SDP-88-03

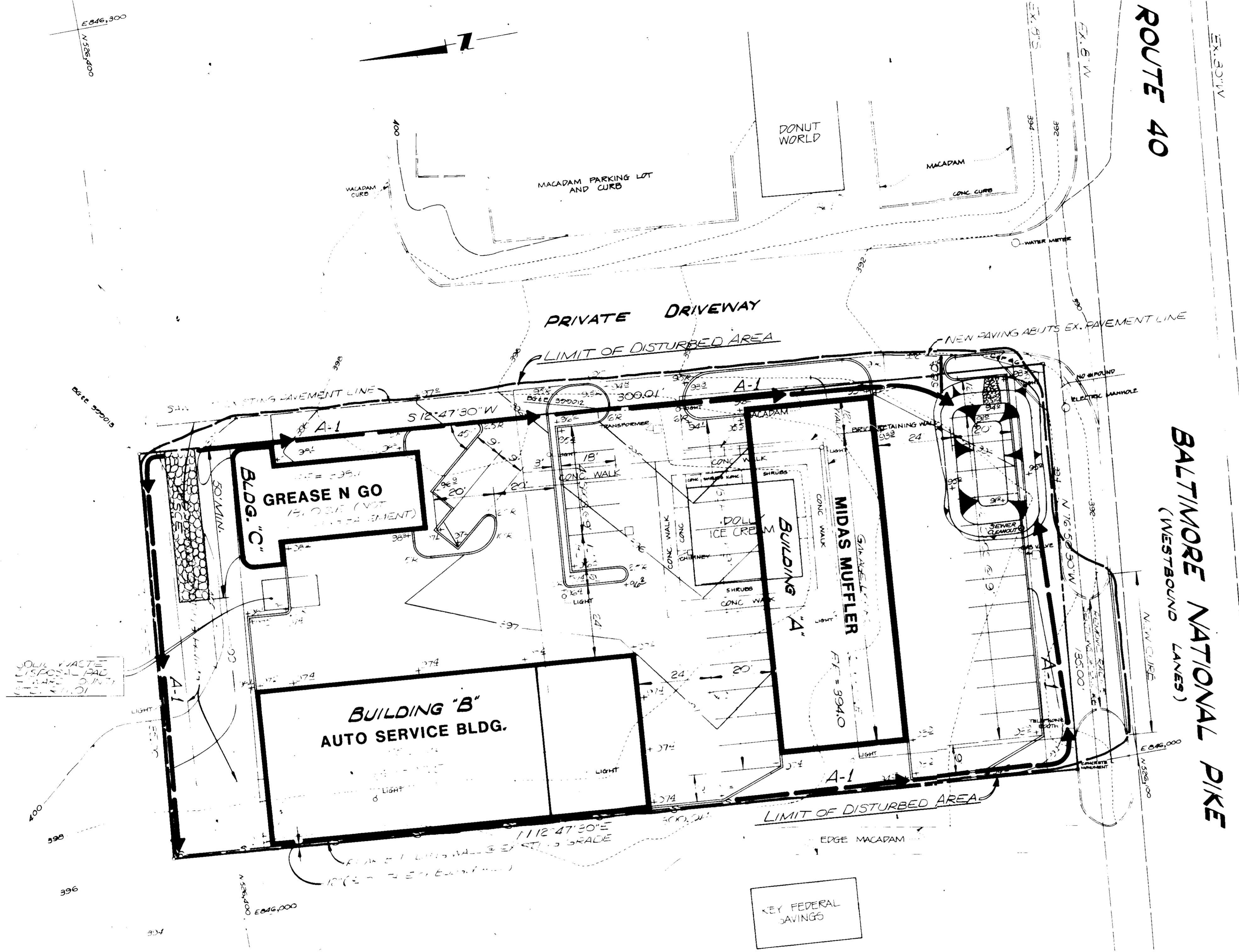
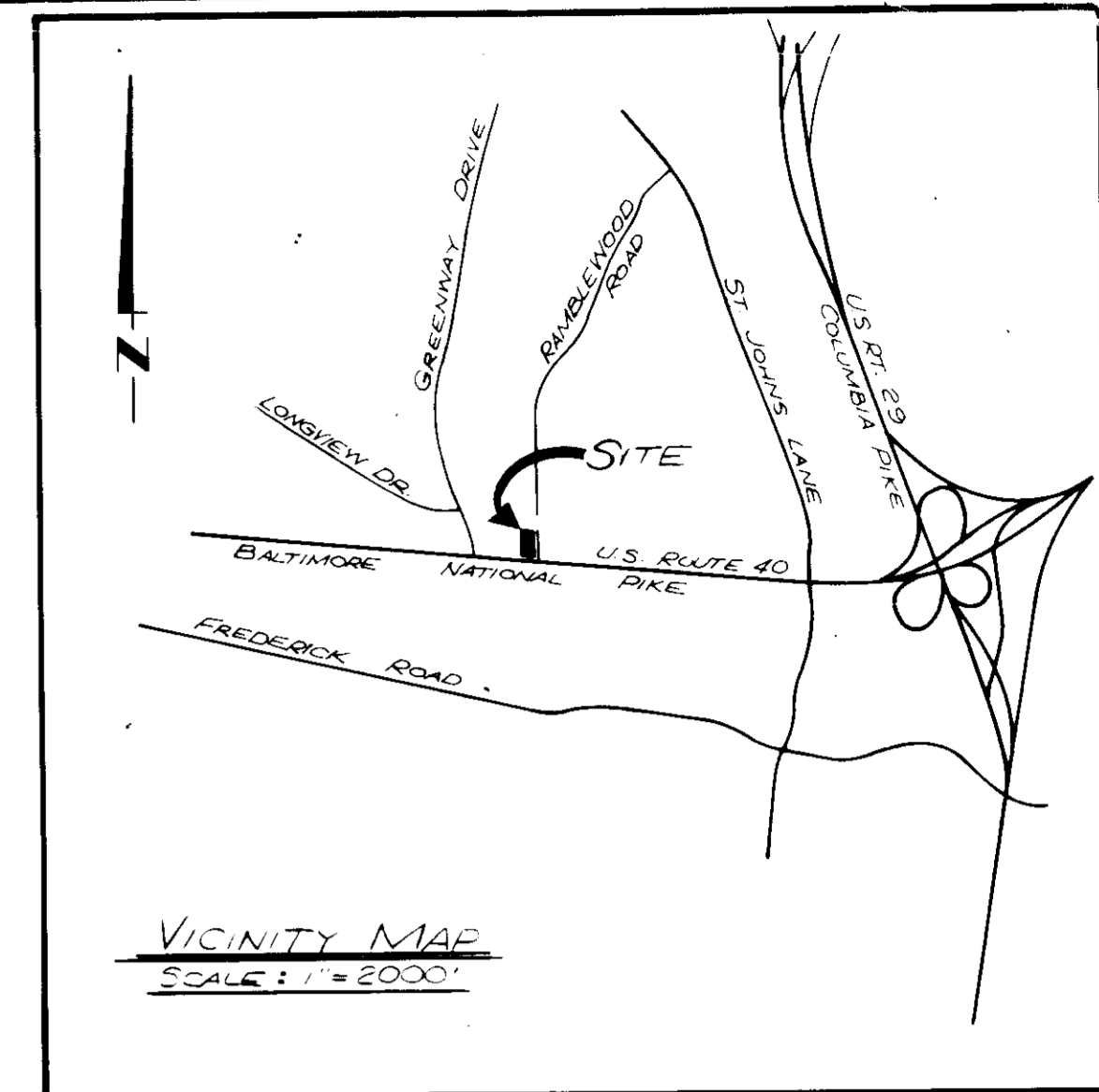
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS  
 HOWARD COUNTY DEPT OF PUBLIC WORKS  
 DATE 4-22-88  
 CHIEF, BUREAU OF ENGINEERING

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 JOHN BOYLE  
 COUNTY HEALTH OFFICER  
 DATE 5-11-88

APPROVED FOR HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 PLANNING DIRECTOR  
 DATE 5/13/88  
 COUNTY PLANNING & ZONING

**STONE OUTLET SEDIMENT TRAP #1**

DRAINAGE AREA	= 38,600 S.F.
STORAGE REQ'D.	= 1600 C.F.
BOTTOM ELEV.	= 391.0
CREST ELEV.	= 394.0
CREST LENGTH	= 4.0'
TOP OF EMBANKMENT ELEV.	= 395.0
AVG. BOTTOM DIM.	= 10'x23'
STORAGE DEPTH	= 3.0'
APPROX. STOR. PROVIDED	= 1632 C.F.
MAX. SIDE SLOPES	= 2:1
CLEANOUT ELEV.	= 392.5



- SEQUENCE OF CONSTRUCTION**
- OBTAIN GRADING PERMIT.
  - CLEAR AND GRUB THE AREAS NECESSARY TO CONSTRUCT THE SEDIMENT CONTROL MEASURES AND CONSTRUCT THESE MEASURES.
  - DEMOLISH EXISTING BUILDING AND REMOVE EXISTING PAVING.
  - ROUGH GRADE ENTIRE SITE EXCLUDING THE AREA OF THE SEDIMENT CONTROL.
  - UPON COMPLETION OF ROUGH GRADING, COMMENCE CONSTRUCTION OF UTILITIES AND BUILDINGS.
  - UPON COMPLETION OF UTILITIES, FINE GRADE ENTIRE SITE EXCLUDING THE AREA OF THE TRAP.
  - COMMENCE CURB AND GUTTER CONSTRUCTION EXCEPT IN THE AREA NEAR THE TRAP.
  - CONSTRUCT BASE COURSE IN PAVEMENT AREA. STABILIZE ALL NON-PAVED AREAS.
  - REMOVE ALL SEDIMENT FROM TRAP AND REFILL WITH SELECT COMPACTED BACKFILL. FINE GRADE THE AREA.
  - CONSTRUCT STORMWATER MANAGEMENT INFILTRATION TRENCH.
  - COMPLETE CONSTRUCTION OF CURB AND GUTTER.
  - CONSTRUCT BASE COURSE PAVING IN SEDIMENT AREA.
  - UPON COMPLETION OF BUILDINGS, PAVE ENTIRE SITE.
  - UPON FINAL STABILIZATION OF DISTURBED AREAS, REMOVE SEDIMENT CONTROL MEASURES AND STABILIZE ALL REMAINING AREAS.

APPROVED  
 DIVISION OF LAND DEVELOPMENT &  
 ZONING ADMINISTRATION  
 HOWARD COUNTY, MARYLAND  
 DATE 10-2-87

**SEDIMENT CONTROL**

by the Developer:  
 I/We certify that all development and construction will be done according to this plan, and that many responsible persons involved in the construction project will have a Certificate of Attendance or a Department of Natural Resources Approved Training Program for the control of sediment and erosion before beginning the project.  
 Signature of Developer: [Signature] 4-5-88 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 Maryland Soil Conservation District.  
 Signature of Engineer: Robert W. Mannon 4-4-88 Date

Reviewed for HOWARD S.C.D.  
 on the Technical Requirements.  
 Signature: [Signature] 4-12-88 Date  
 U.S. Soil Conservation Service

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
 Signature: [Signature] 4/12/88 Date  
 Howard S.C.D.

ADDRESS CHART		PROVISION NAME		SECT./AREA	LOT PARCEL
LOT NUMBER	STREET ADDRESS	PLAT NO. OR L.P. BLOCK NAME	TAX ZONING MAP FILE	DIST.	CENSUS TR.
				WATER CODE	SEWER CODE

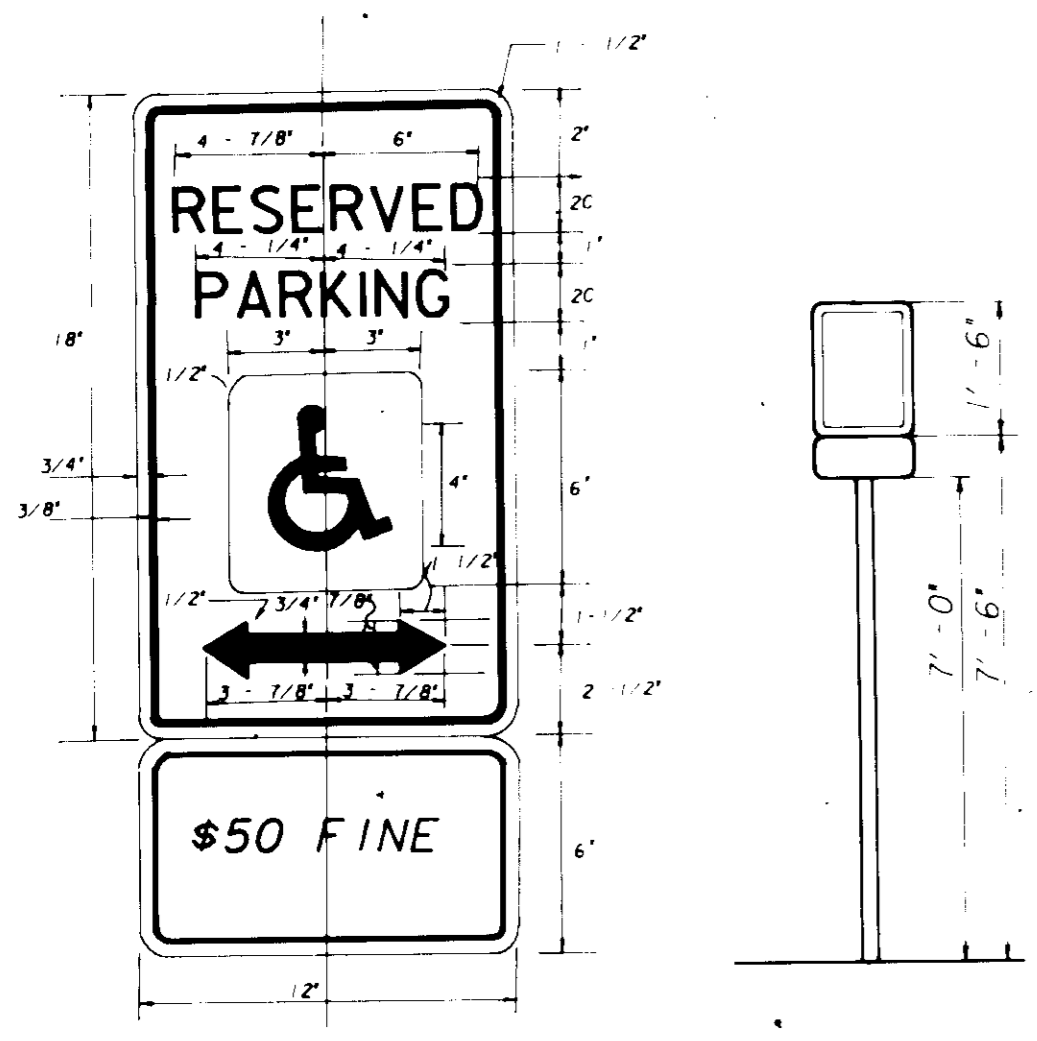
NATIONAL CAR CARE CENTERS  
 20 EAST TIMONIUM ROAD, SUITE III  
 TIMONIUM, MARYLAND 21073  
 (301) 252-9046

No.	REVISION	DATE	BY

**GREENHORNE & O'MARA, INC.**  
 2 RESEARCH PLACE, ROCKVILLE, MARYLAND 20850  
 (301)948-0900  
 ANNAPOLIS, MD • ATLANTA, GA • AURORA, CO • CULPEPER, VA • EXPORT, PA • FAIRFAX, VA  
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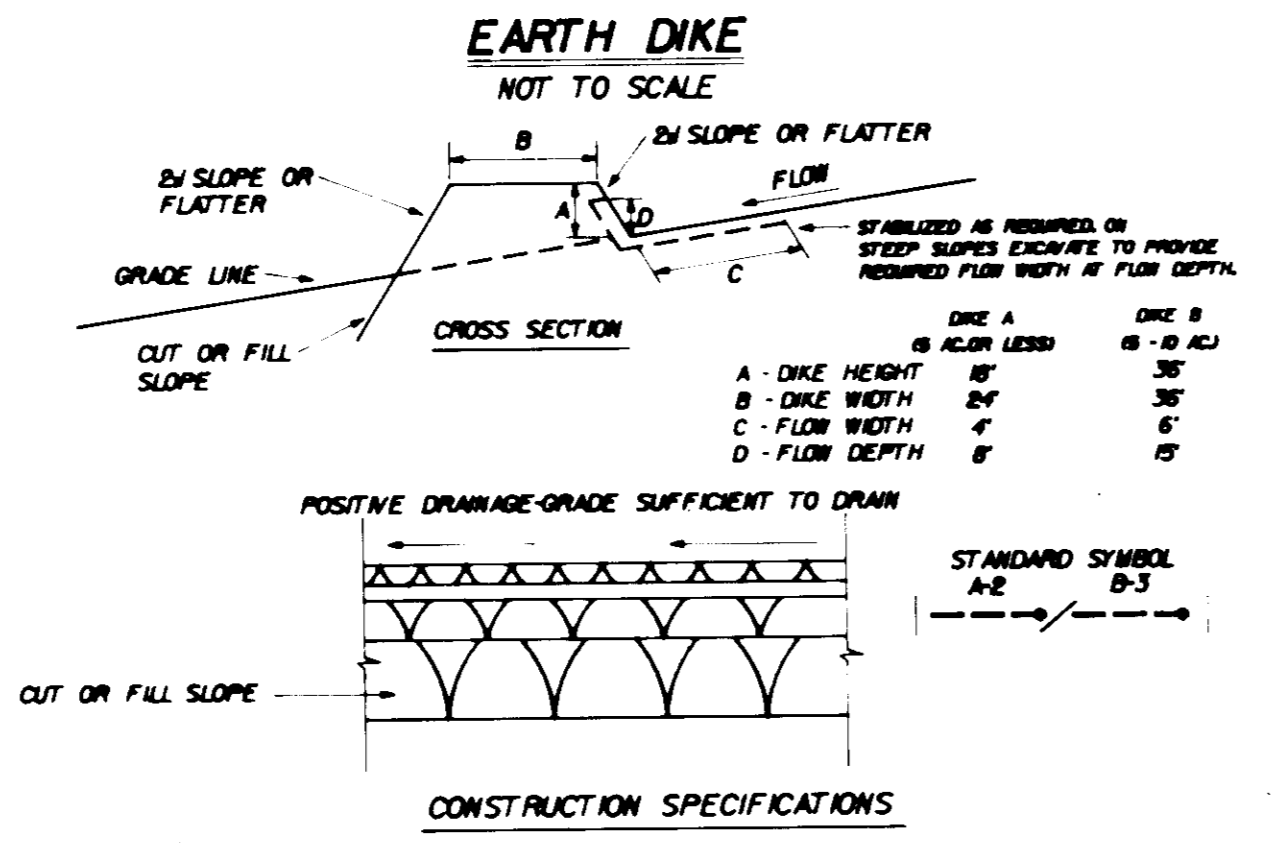
**SEDIMENT CONTROL PLAN**  
**THE DOLLY PROPERTY**  
 TAX MAP 24 BLOCK 4 PARCEL 979  
 2ND ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

JCH DESIGN	SCALE 1" = 20'
KS/UDP DRAWN	3 OF 5
RHM CHECKED	SHEET
JUNE '87 DATE	FILE NO. B-1022-X
JOB No.	SDP-88-03



**HANDICAPPED PARKING SIGN**

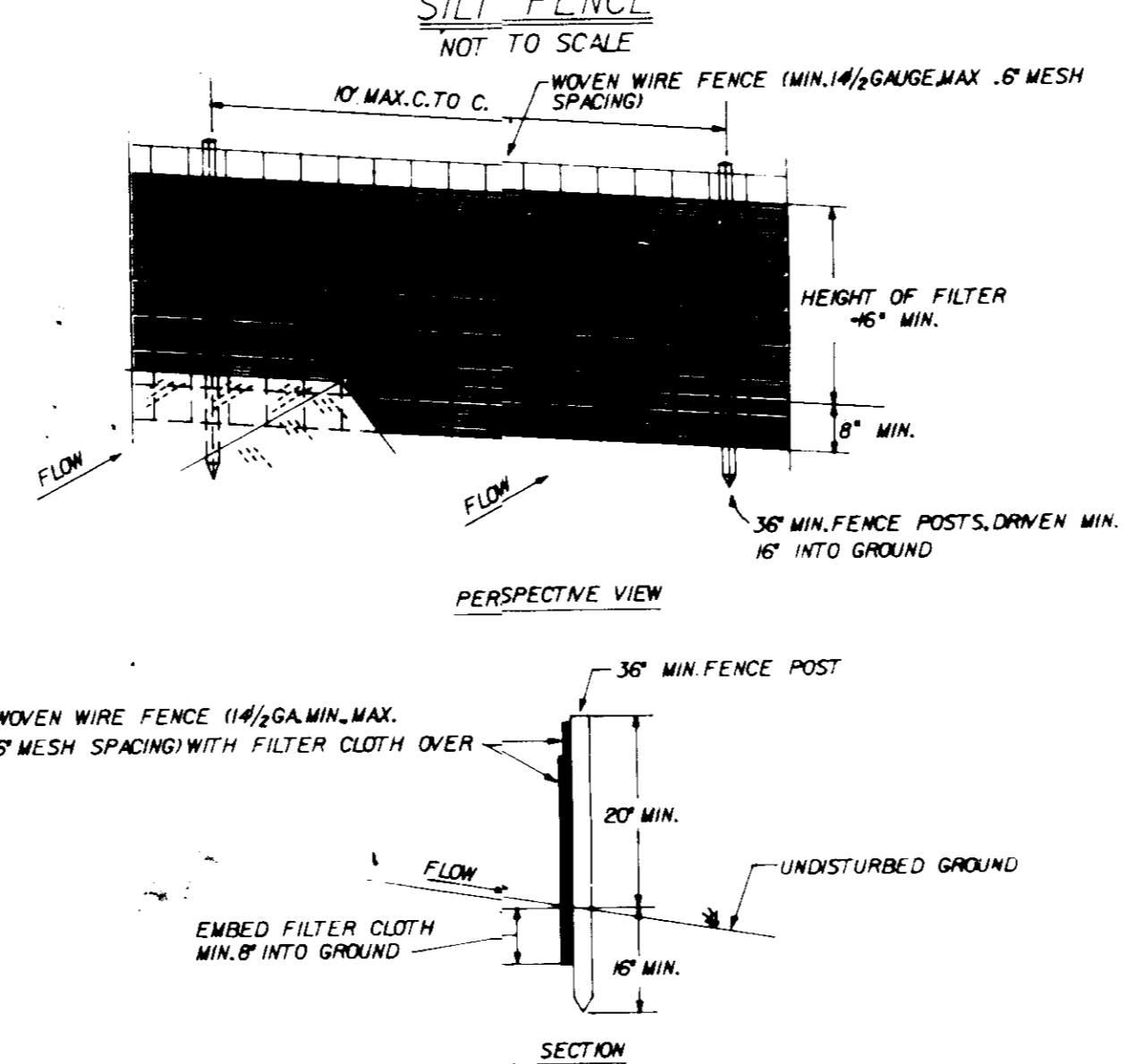
- ALL REFERENCED MATERIAL WAS TAKEN FROM STATE OF MARYLAND STANDARD HIGHWAY SIGNS BOOKLET, P.O. BOX 717, 107 NORTH CALVERT ST., BALTIMORE, MD. 21203
- STANDARD COLORS - GREEN WHITE SYMBOL ON BLUE BACKGROUND BACKGROUND WHITE
- ONE SIGN IS REQUIRED FOR EACH PARKING SPACE.
- "RESERVED PARKING" SIGN SETS INCLUDE A 12" X 18" RESERVED PARKING SIGN WITH A 12" X 6" SUPPLEMENTAL SIGN DESIGNATING THE FINE BELOW IT. THE ADDITIONAL SIGN INTENDED TO RESERVE THE PARKING SPACE ONLY FOR PERSONS WITH AN OFFICIAL PERMIT OR HANDICAP PLATE SHOULD BE NO LOWER THAN 7' OF NORMAL MOUNTING OF SIGN(S) OR SET(S) OF SIGNS SHALL BE ON A STEEL POST PLACED IN THE GROUND ADJACENT TO THE PARKING SPACE. THE BOTTOM OF THE SIGN OR SET SHALL BE SEVEN FEET SIX INCHES ABOVE THE GRADE IN THE PARKING SPACE. THE SUPPLEMENTAL SIGN SHOULD BE NO LOWER THAN 7' OF NORMAL MOUNTING OF SIGN(S) OR SET(S) OF SIGNS SHALL BE ON A STEEL POST PLACED IN THE GROUND ADJACENT TO THE PARKING SPACE.



- CONSTRUCTION SPECIFICATIONS**
- ALL DIKES SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
  - ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
  - TOP WIDTH MAY BE WIDER AND SIDE SLOPES MAY BE FLATTER IF DESIRED TO FACILITATE CROSSING BY CONSTRUCTION TRAFFIC.
  - FIELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET.
  - 1 1/2" DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION RUNOFF SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR SEDIMENT BASIN WHERE EITHER THE DIKE CHANNEL OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT ADEQUATELY STABILIZED.
  - STABILIZATION SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH OR STRAW MULCH IF NOT IN SEEDING SEASON, (B) FLOW CHANNEL AS PER THE CHART BELOW.

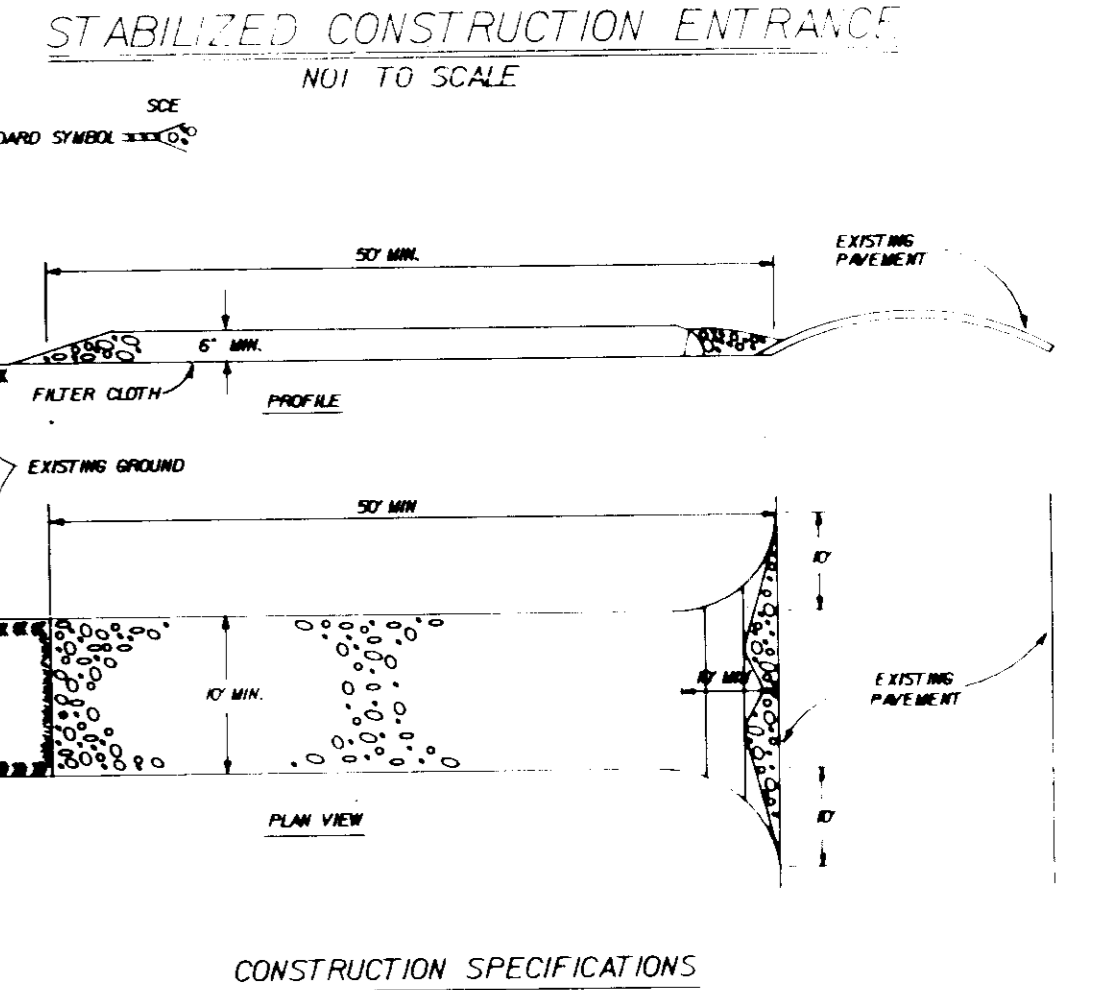
FLOW CHANNEL STABILIZATION			
TYPE OF TREATMENT	CHANNEL GRADE	DIKE A	DIKE B
1	S-50X	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	SJ-50X	SEED USING JUTE OR 2" STONE	SEED USING JUTE OR 2" STONE
3	SJ-80X	SEED WITH JUTE OR 2" STONE	LINED RIP-RAP 4" R ENGINEERING DESIGN
4	BJ-20X	LINED RIP-RAP 4" R	LINED RIP-RAP 4" R

A. STONE TO BE 2 INCH STONE OR RECYCLED CONCRETE EQUIVALENT IN A LAYER AT LEAST 3 INCHES IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.  
 B. RIP-RAP TO BE 4-8 INCHES IN A LAYER AT LEAST 8 INCHES THICKNESS AND PRESSED INTO THE SOIL.  
 C. APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.  
 7. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.



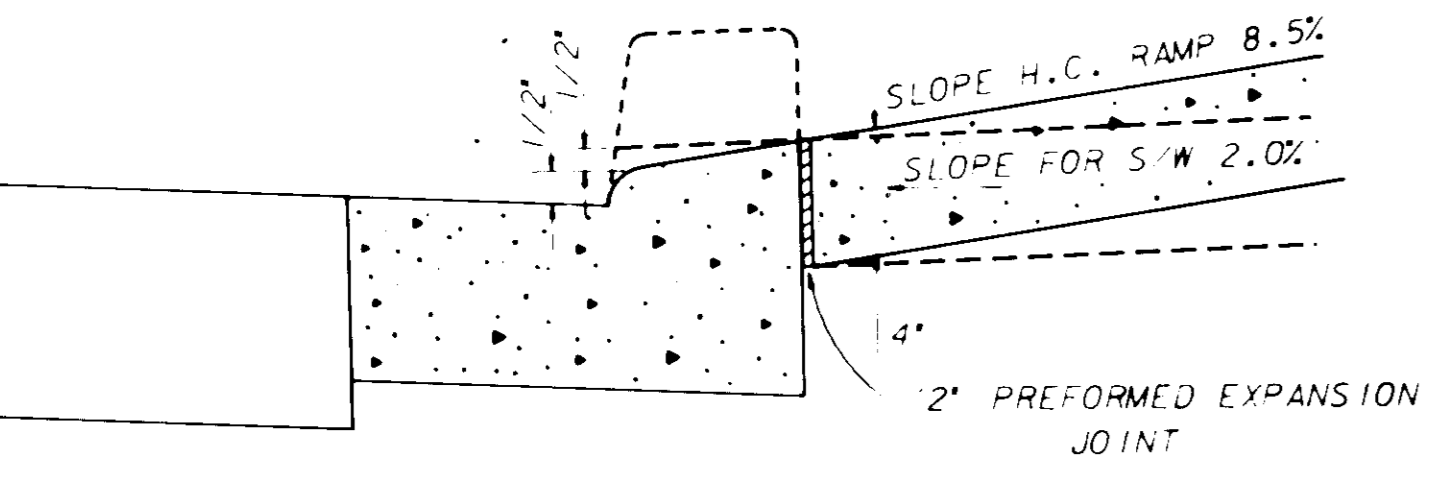
- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
  - FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
  - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
  - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN 'BULGES' DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD  
 FENCE: WOVEN WIRE 1/4 GA. 6" MAX. MESH OPENING  
 FILTER CLOTH: FILTER #1, MIRAFI 100X, STABULUNA, TRAM OR APPROVED EQUAL.  
 PREFABRICATED UNIT: GEO-AB, EWING/FENCE, OR APPROX. 10" EQUAL.

- SEDIMENT CONTROL NOTES**
- A MINIMUM OF 24 HOURS NOTICE MUST BE GIVEN TO THE HOWARD COUNTY OFFICE OF INSPECTION AND PERMITS PRIOR TO THE START OF ANY CONSTRUCTION.
  - ALL VEGETATION AND STRUCTURAL PRACTICES ARE TO BE INSTALLED ACCORDING TO THE PROVISIONS OF THIS PLAN AND ARE TO BE IN CONFORMANCE WITH 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
  - FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN A) 7 CALENDAR DAYS FOR ALL PERMANENT SEDIMENT CONTROL STRUCTURES, DIKES, PERMANENT SLOPES AND ALL SLOPES GREATER THAN 3:1 B) 14 DAYS AS TO ALL OTHER DISTURBED OR GRADED AREAS ON THE PROJECT SITE.
  - ALL SEDIMENT TRAPS/BASINS SHOWN MUST BE FENCED AND WARNING SIGNS POSTED AROUND THEIR PERIMETER IN ACCORDANCE WITH VOL. 1, CHAPTER 12, OF HOWARD COUNTY DESIGN MANUAL, STORM DRAINAGE.
  - ALL DISTURBED AREAS MUST BE STABILIZED WITHIN THE TIME PERIOD SPECIFIED ABOVE IN ACCORDANCE WITH THE 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR PERMANENT SEEDINGS (SEC. 51) SOD (SEC. 54), TEMPORARY SEEDING (SEC. 50) AND MULCHING (SEC. 52) TEMPORARY STABILIZATION WITH MULCH ALONE CAN ONLY BE DONE WHEN RECOMMENDED SEEDING DATES DO NOT ALLOW FOR PROPER GERMINATION AND ESTABLISHMENT OF GRASSES.
  - 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.
  - SITE ANALYSIS:
    - TOTAL AREA OF SITE 0.9 AC.
    - AREAS DISTURBED 0.35 AC.
    - AREA TO BE ROOFED OR PAVED 31,000 SQ. FT.
    - AREA TO BE VEGETATIVELY STABILIZED 8,500 SQ. FT.
    - TOTAL CUT 1,600 CU. YDS.
    - TOTAL FILL 600 CU. YDS.
    - OFFSITE WASTE AREA LOCATION:
  - ANY SEDIMENT CONTROL PRACTICE WHICH IS DISTURBED BY GRADING ACTIVITY FOR PLACEMENT OF UTILITIES MUST BE REPAIRED ON THE SAME DAY OF DISTURBANCE.
  - ADDITIONAL SEDIMENT CONTROLS MUST BE PROVIDED, IF DEEMED NECESSARY BY THE HOWARD COUNTY DPM SEDIMENT CONTROL INSPECTOR.
  - ON ALL SITES WITH DISTURBED AREAS IN EXCESS OF 2 ACRES, APPROVAL OF THE INSPECTION AGENCY SHALL BE REQUESTED UPON COMPLETION OF INSTALLATION OF PERIMETER EROSION AND SEDIMENT CONTROLS, BUT BEFORE PROCEEDING WITH ANY OTHER EARTH DISTURBANCE OR GRADING. OTHER BUILDING OR GRADING INSPECTION APPROVALS MAY BE AUTHORIZED UNTIL THIS INITIAL APPROVAL BY THE INSPECTION AGENCY IS MADE.

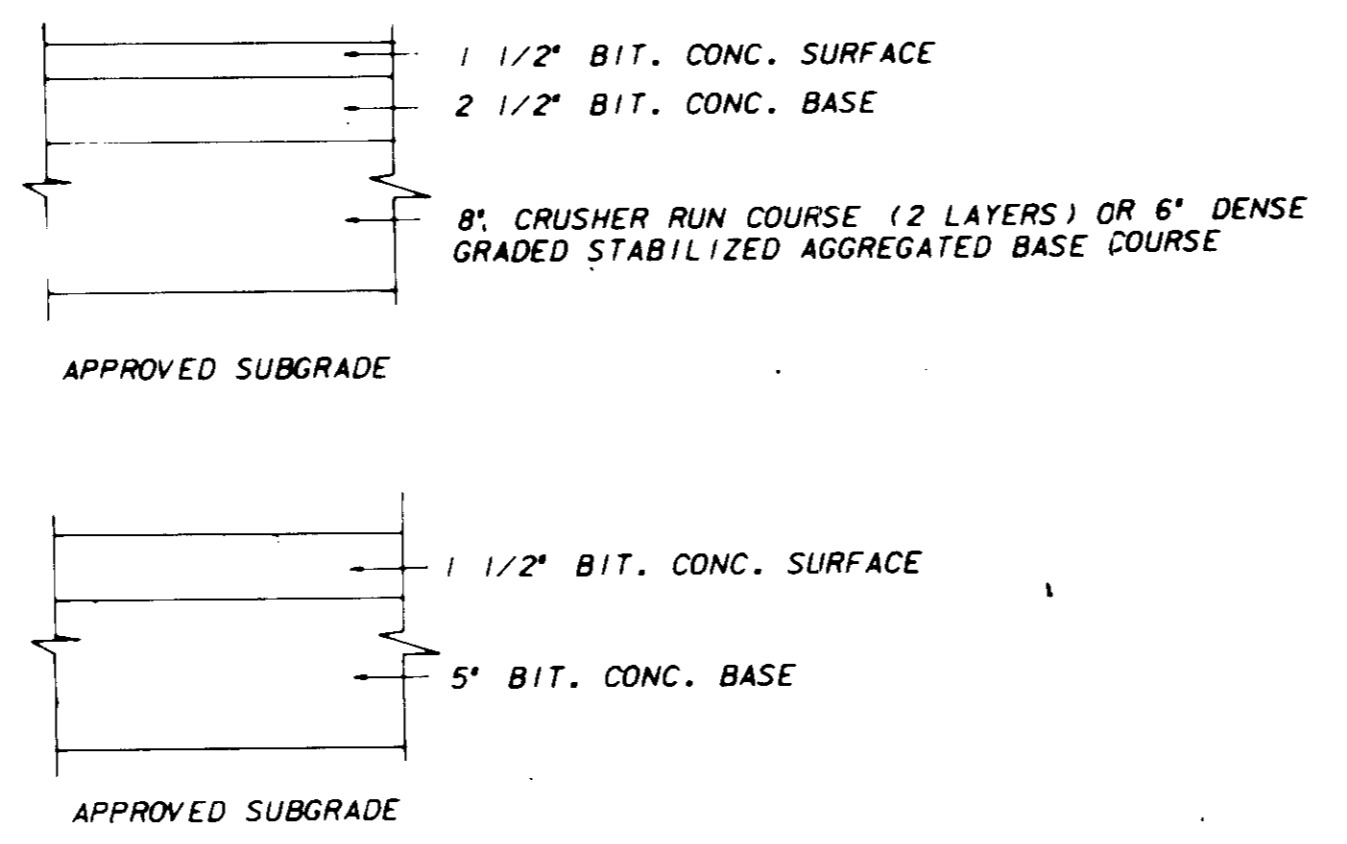
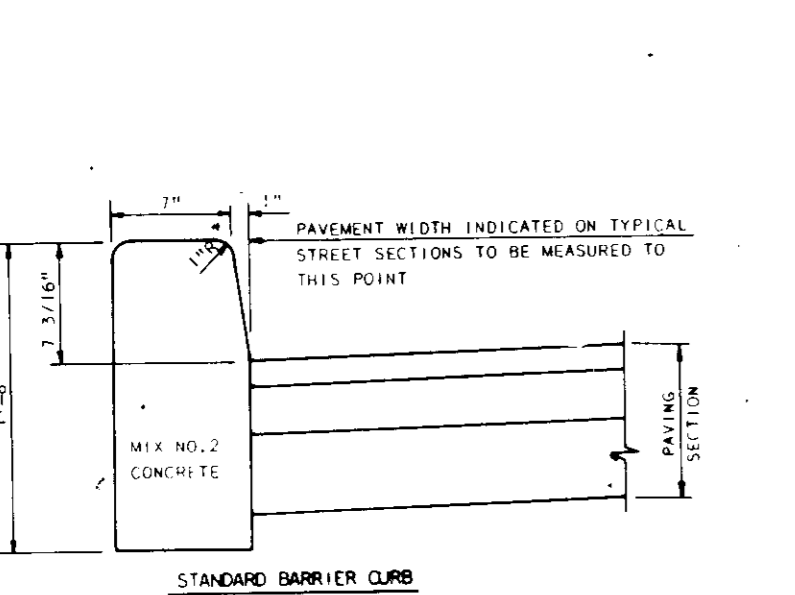


- CONSTRUCTION SPECIFICATIONS**
- STONE SIZE - USE #2 STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
  - LENGTH - AS REQUIRED BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENTIAL LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
  - THICKNESS NOT LESS THAN SIX (6) INCHES.
  - WIDTH - TEN (10) FEET MINIMUM BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE IMPRESS OR PRESSURE OCCURS.
  - FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENTIAL LOT.
  - SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE.
  - 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 DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANUP OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
  - WASHING WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-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.
  - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

APPROVED  
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
 HOWARD COUNTY  
 DATE 10-2-87



**MODIFIED DEPRESSED CURB (FOR HANDICAPPED ACCESS)**



PAVING SECTION - P-2  
 NOT TO SCALE

**PERMANENT SEEDING NOTES**  
 Apply to graded or cleared areas not subject to immediate further disturbance where a permanent and lived vegetative cover is needed.  
 Seeded Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.  
 Soil Amendments: In lieu of soil test recommendations, use one of the following schedules

- Preferred: Apply 2 tons per acre dolomitic limestone (92 lbs/1000 square ft) and 600 lbs per acre 10-10-10 fertilizer (14 lbs/100 sq ft) before seeding. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs per acre 30-0-0 ureaform fertilizer (9 lbs/100 sq ft) before seeding. Harrow or disc into upper three inches of soil.
  - Acceptable: Apply 2 tons per acre dolomitic limestone (92 lbs/1000 sq ft) and 1000 lbs per acre 10-10-10 fertilizer (23 lbs/1000 sq ft) before seeding. Harrow or disc into upper three inches of soil.
- Seeding: For the periods March 1 thru April 30, and August 1 thru October 15, seed with 60 lbs per acre (1.4 lbs/1000 sq ft) of Kentucky 31 Tall Fescue. For the period May 1 thru July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs per acre (1 lbs/1000 sq ft) of weeping lovegrass. During the period of October 16 thru February 28, protect 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 sod. Option (3) seed with 60 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 90 lbs/100 sq ft) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool of 218 gal per acre (5 gal/1000 sq ft) or emulsified asphalt or flat grade or slopes 8 feet or higher, use 348 gallons per acre (18 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 redisturbed where a short term vegetative cover is needed.  
 Seeded Preparation: Loosen upper three inches of soil by raking, discing or other acceptable means before seeding.  
 Soil Amendments: Apply 600 lbs per acre 10-10-10 fertilizer (14 lbs/1000 sq ft)

- Seeding: For the period March 1 thru April 30, and from August 15 thru November 15, seed with 2 1/2 bushels per acre of annual ryegrass (3.2 lbs/1000 sq ft). For the period May 1 thru August 14, seed with 3 lbs per acre of weeping lovegrass (0.7 lbs/1000 sq ft). For the period November 16 thru February 28, protect site by applying 2 tons per acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.
- Mulching: Apply 1 1/2 to 2 tons per acre & 10 to 90 lbs/1000 sq ft of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool of 218 gal per acre (5 gal/1000 sq ft) for anchoring.
- Refer to the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for rate and methods not covered.

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS  
 HOWARD COUNTY DEPT. OF PUBLIC WORKS  
 DATE 4-28-88

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
 HOWARD COUNTY HEALTH DEPARTMENT  
 DATE 5-11-88

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING  
 DATE 5/12/88

SEDIMENT CONTROL  
 By the Developer: I certify that all development and construction will be done according to this plan and that every responsible person involved in the construction project will have a certification of attendance of a Department of Natural Resources Approved Training Program for the control of Sediment and Erosion before beginning the project.  
 DATE 4-5-88

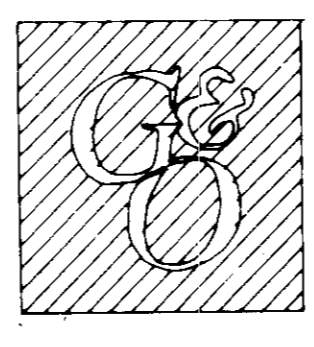
By the Engineer: I certify that this plan for erosion and sediment control requirements is practical and workable in accordance with the personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.  
 DATE 4-4-88

Reviewed for HOWARD S.C.D.  
 on the Technical Requirements.  
 DATE 4-12-88

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT  
 DATE 4/12/88

NATIONAL CAR CARE CENTERS, INC.  
 20 EAST TIMONIUM ROAD, SUITE 111  
 TIMONIUM, MARYLAND 21093  
 PHONE: 301-252-9046

No.	REVISION	DATE	BY



ENGINEERS ARCHITECTS PLANNERS SCIENTISTS SURVEYORS PHOTOGRAMMETRISTS  
**GREENHORNE & O'MARA, INC.**  
 113 WEST ROAD, SUITE 208  
 BALTIMORE, MD. 21204  
 (301)296-4100  
 ANNAPOLIS, MD ATLANTA, GA AURORA, CO CULPEPER, VA FAIRFAX, VA  
 GREENBELT, MD MANASSAS, VA ROCKVILLE, MD RALEIGH, NC TAMPA, FL

SITE PLAN & SEDIMENT CONTROL DETAILS  
**THE DOLLY PROPERTY**  
 TAX MAP 24 BLOCK 4 PARCEL 979  
 2ND ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

DATE	JOB NO.	FILE NO.
JUNE '87		B-102-1

SCALE AS SHOWN  
 4 OF 5 SHEET  
 SDP-88-03

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS & PUBLIC ROADS  
HOWARD COUNTY DEPT. OF PUBLIC WORKS

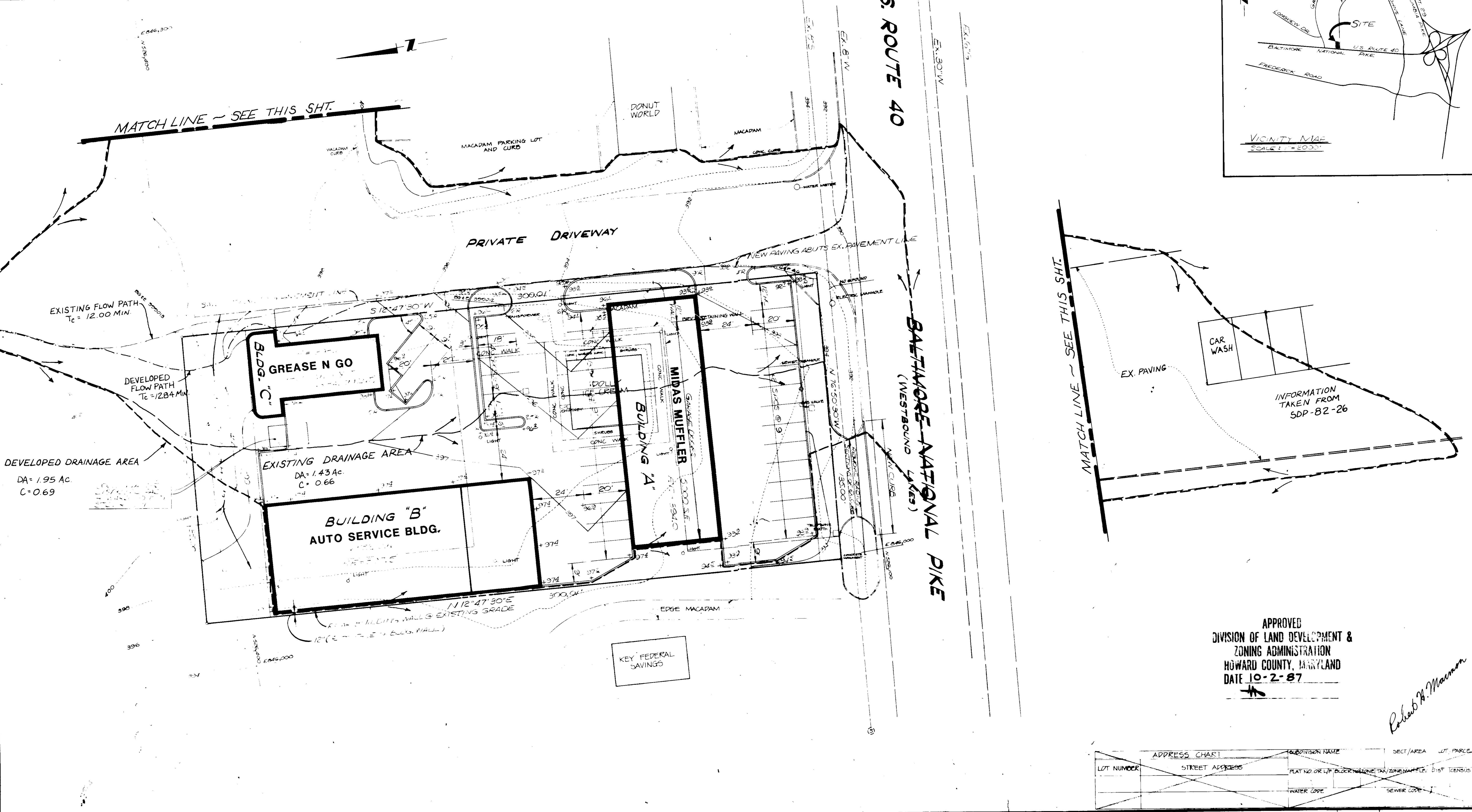
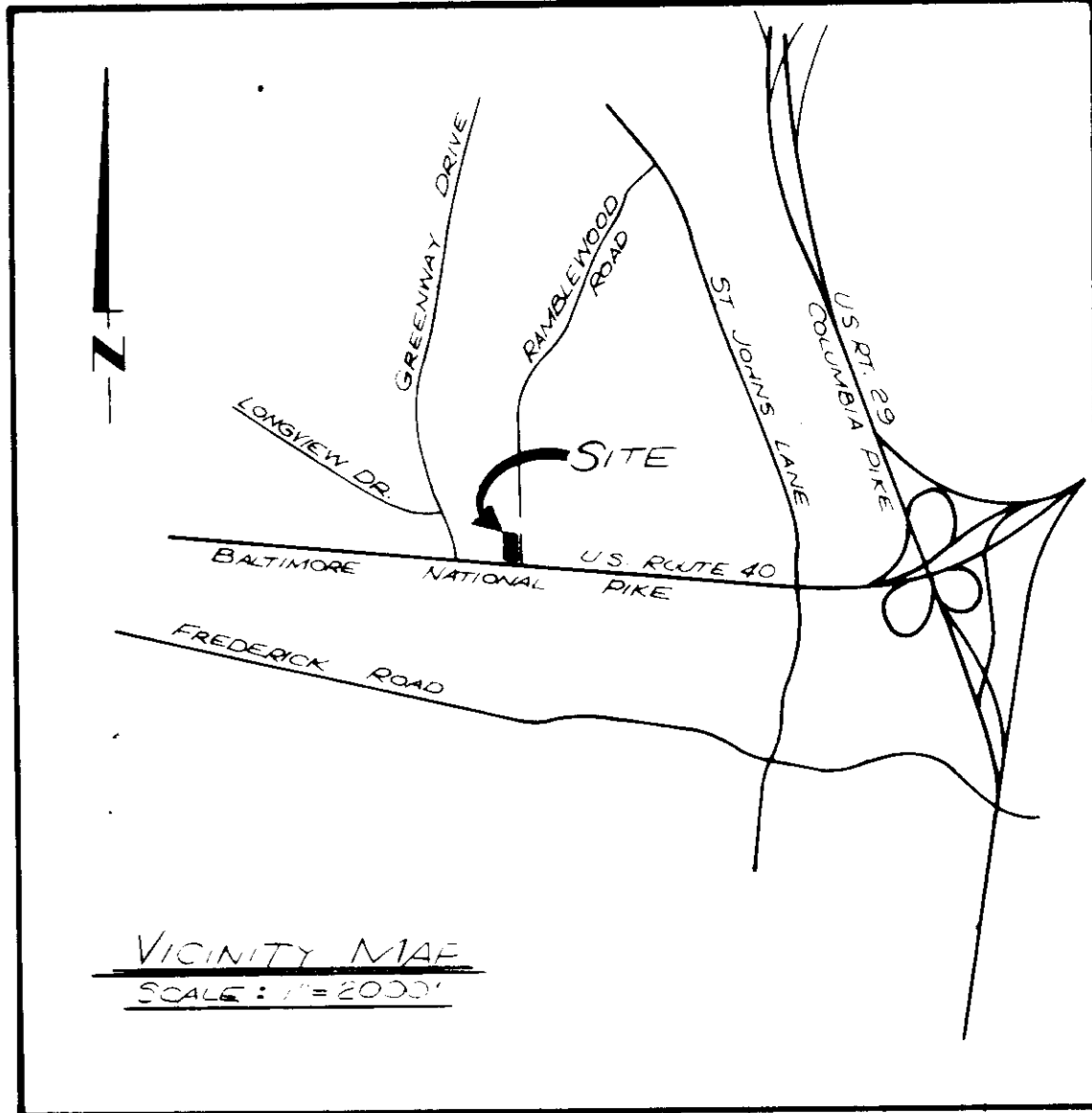
DATE: 4-12-88  
DATE: 4-12-88  
DATE: 4-12-88

APPROVED FOR PUBLIC WATER & PUBLIC SEWERAGE SYSTEMS  
HOWARD COUNTY HEALTH DEPARTMENT

DATE: 5-11-88  
DATE: 5-11-88  
DATE: 5-11-88

APPROVED HOWARD COUNTY OFFICE OF PLANNING & ZONING

DATE: 5/13/88  
DATE: 5/13/88  
DATE: 5/13/88



APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE 10-2-87

*Robert H. Mammone*

ADDRESS CHART		SUBDIVISION NAME		SECT./AREA	LOT/ PARCEL
LOT NUMBER	STREET ADDRESS	PLAT NO. OR L.P. BLOCK	SECTION	TAX/ ZONE/ MAP REF.	DIST. / TENSUS/ TR.
				WATER CODE	SEWER CODE

NATIONAL CAR CARE CENTERS  
20 EAST TIMONIUM ROAD, SUITE 111  
TIMONIUM, MARYLAND 21073  
(301) 252-2046

No.	REVISION	DATE	BY

**GREENHORNE & O'MARA, INC.**  
2 RESEARCH PLACE, ROCKVILLE, MARYLAND 20850  
(301) 948-0900

ANNAPOLIS, MD • ATLANTA, GA • AURORA, CO • CULPEPER, VA • EXPORT, PA • FAIRFAX, VA  
GREENBELT, MD • MANASSAS, VA • MONROE, MI • RALEIGH, NC • TAMPA, FL

DRAINAGE AREA MAP  
**THE DOLLY PROPERTY**  
TAX MAP 24 BLOCK 4 PARCEL 979  
2ND ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

DATE	SCALE
JUNE, 87	1" = 20'
CHECKED	SHEET
RHM	5 OF 5
DATE	JOB No.
JUNE, 87	B-1022-X
	FILE No.
	SDP-88-03