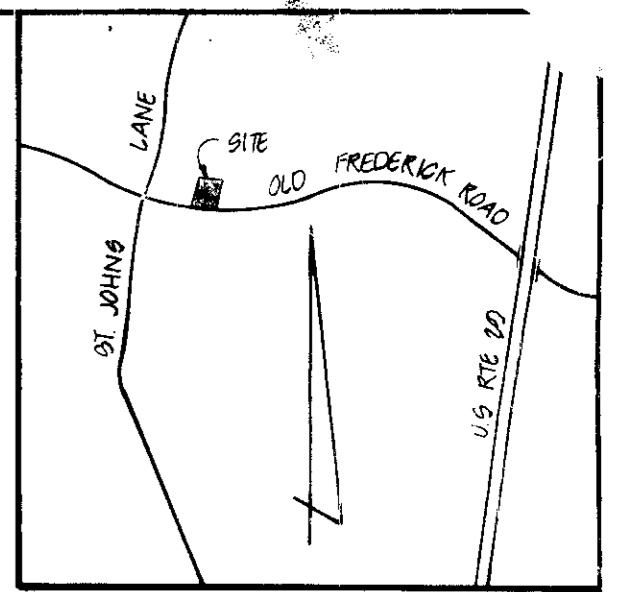


- A minimum of 24 hours notice must be given to the Howard County Office of Inspection and Permits prior to the start of any construction. (992-2437)
- All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the 1983 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- Following are initial soil disturbance or redisturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter 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 the 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	0.54 Acres
Area Disturbed	0.45 Acres
Area to be roofed or paved	0.42 Acres
Area to be vegetatively stabilized	0.11 Acres
Total Cut	Cu. yds.
Total Fill	Cu. yds.
Offsite waste/borrow area location	N/A
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.



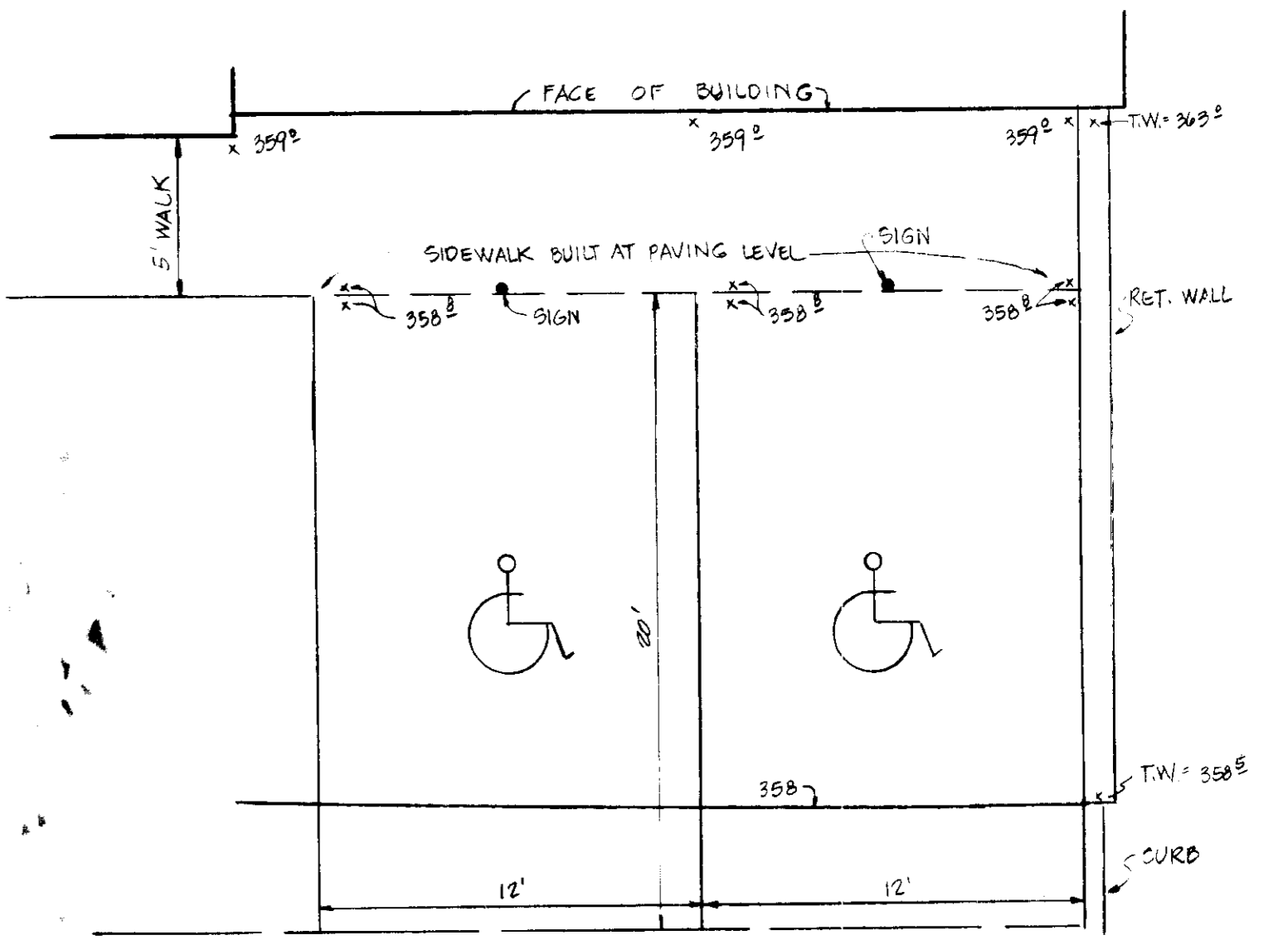
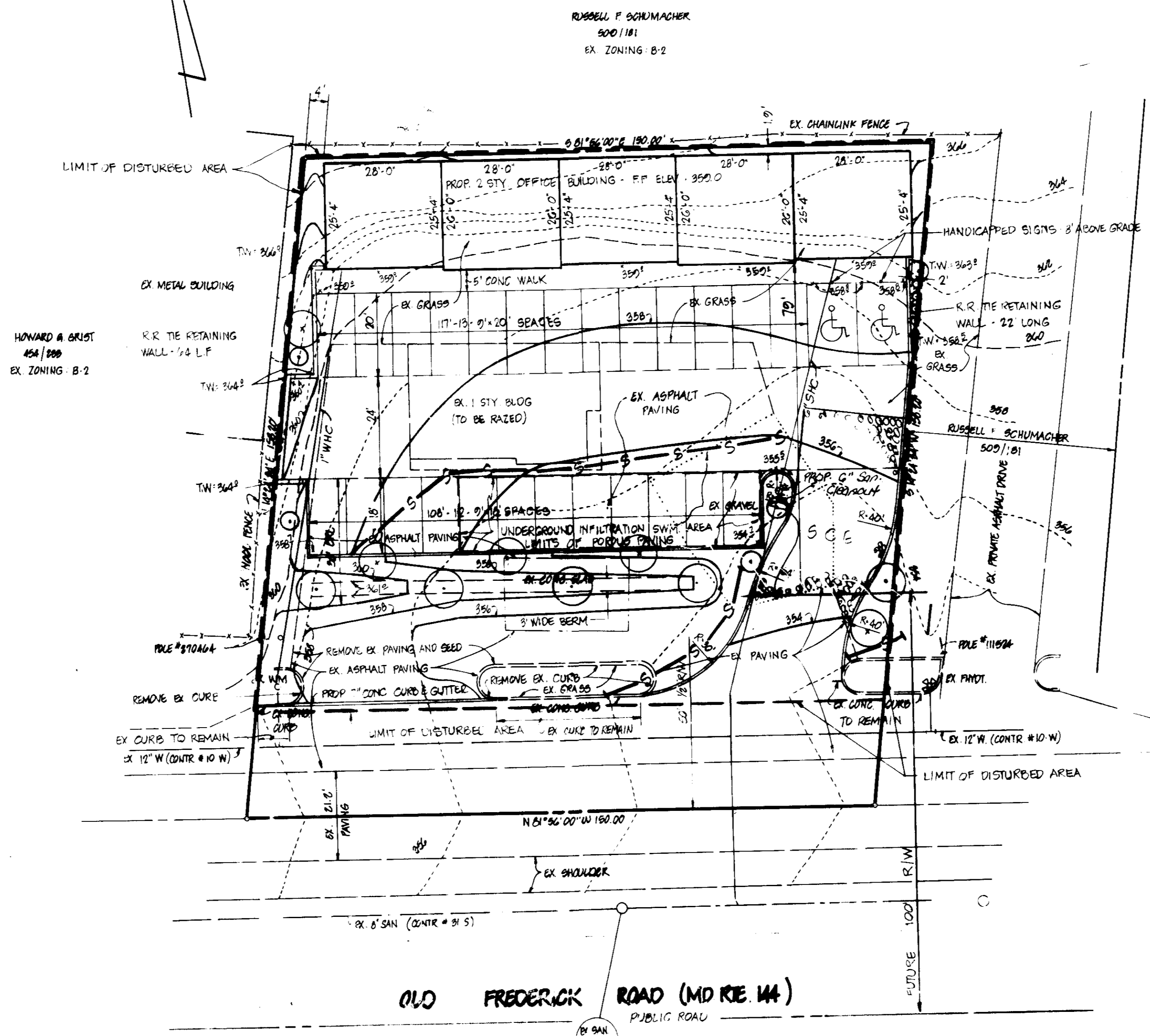
VICINITY MAP
SCALE 1"=120'

GENERAL NOTES

- TAX MAP: 24, PARCEL 784
- DEED REFERENCE: 1114/316
- EX ZONING: B-2
- PROPOSED SITE USE: OFFICE BLDG.
- AREA OF SITE: 0.54 AC.
- PUBLIC WATER AND PUBLIC SEWERAGE TO BE UTILIZED.
- ALL ON-SITE PARKING AREAS AND DRIVEWAYS ARE PRIVATE.
- LANDSCAPE ISLANDS IN PARKING AREA:
 - AREA OF PARKING LOT: 8247 SQ. FT.
 - LANDSCAPE ISLAND AREA: 427 SQ. FT. OR 5.1%
- AREA OF OPEN SPACE: 0.11 AC. OR 20.3%
- OLD FREDERICK RD IS AN EXISTING PUBLIC ROAD.
- ANY DAMAGE TO THE COUNTY OWNED RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY ROAD CONSTRUCTION CODE AND SPECIFICATIONS.
- CONTRACTOR TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING WORK.
- CONTRACTOR TO NOTIFY MISS/UTILITY AT 1-800-0100 AT LEAST FIVE DAYS PRIOR TO BEGINNING CONSTRUCTION.
- THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION SURVEY DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 702-1872.
- PARKING TABULATIONS:
 - A. MAXIMUM NUMBER OF EMPLOYEES ON SITE: 30
 - B. REQUIREMENTS: 7 SPACES / 10 PERSONS = 27
 - C. PROVIDE: 0 = 27

CONSTRUCTION SEQUENCE

- OBTAIN GRADING PERMIT
- NOTIFY THE HOWARD CO BUREAU OF LICENCE, INSPECTIONS AND PERMITS AND CONSTRUCTION INSPECTION SURVEY DIVISION 24 HOURS PRIOR TO BEGINNING GRADING OPERATIONS
- INSTALL TEMPORARILY SEDIMENT CONTROL MEASURES (S.C.S @ END OF EX PAVING AND SILT FENCE)
- REMOVE EX BUILDING, REMOVE EX PAVING AS NOTED, CONSTRUCT CONC CURB
- INSTALL AND STABILIZE ALL DISTURBED AREAS IN ROAD R/W WITH TEMPORARILY STABILIZATION MEASURES
- ROUGH GRADE BUILDING AREA AND AREAS TO BE PAVED, STABILIZE WITH BASE COURSE
- FINISH GRADE BUILDING WITH PERMANENT STABILIZATION MEASURES
- REMOVE EX FOUNDATION, EXAM AREA, INSTALL STONE AND POLYCO PAVING
- REMOVE SILT FENCE ABOVE CURB AND REPAIR EX PAVING AND AREA TO BE PAVED
- FINAL SLOPE, APPLY PERMANENT STABILIZATION TO ALL REMAINING DISTURBED AREAS
- REMOVE TEMPORARILY SEDIMENT CONTROL MEASURES WITH APPROVAL OF HOWARD CO BUREAU OF LICENCE, INSPECTIONS AND PERMITS.



HANDICAPPED DETAIL
SCALE 1"=10'

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT	<i>[Signature]</i> DATE: 6-27-85
APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING	<i>[Signature]</i> DATE: 6-27-85
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION	<i>[Signature]</i> DATE: 6-27-85
APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	<i>[Signature]</i> DATE: 6-24-85
CHIEF, BUREAU OF ENGINEERING	<i>[Signature]</i> DATE: 6-24-85

LANDSCAPING SCHEDULE

QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE
10	RED SAGE	ARTEMISIA ARBUSCULUM	2 1/2" MIN. CAL., 8" HIG.
5	BROADLEAF PEAR	PIRUS CALLERYANA	2" MIN. CAL., 6'-4" HIG.
5	ANDROMEDA JUNIPER'S		15" HIG. SPREAD, 3" D.C.

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, AS ARE DEEMED NECESSARY.

[Signature] 6/21/85
DATE

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.

[Signature] 6/19/85
DATE

6-10-85
[Signature]

SUBDIVISION NAME DUNLOGGIN CREST OFFICE BLDG	SECT./AREA 11	LOT/PARCEL # 784
PLAT # OR L.P.F. 1114/316	BLOCK # B-2	TOWNSHIP MAP SEC. DIST. 24
WATER CODE F-08	SEWER CODE 1402800	

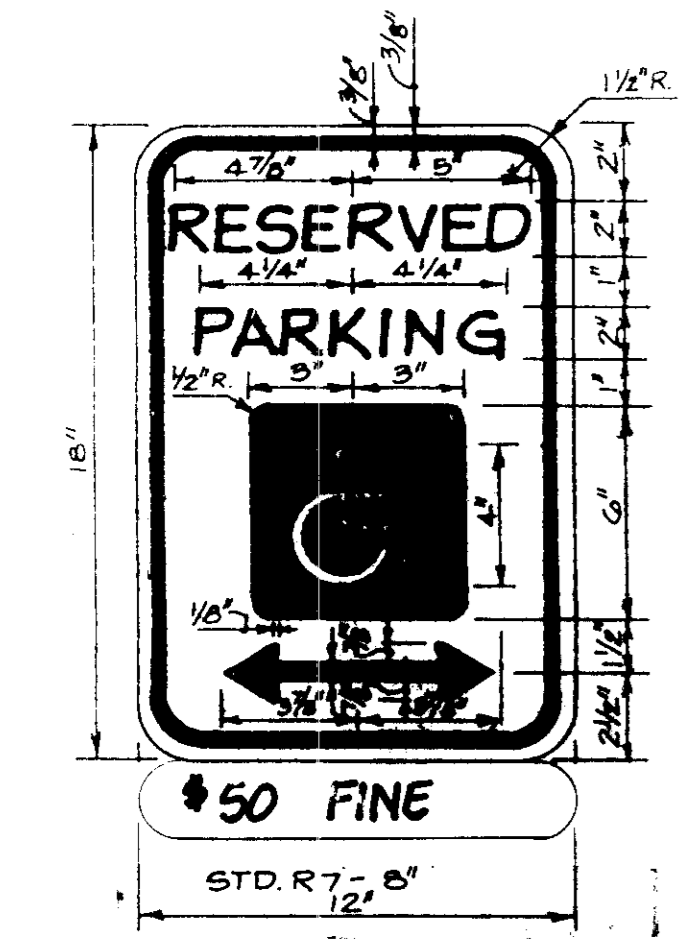
TITLE: SITE DEVELOPMENT PLAN	PROJECT: DUNLOGGIN CREST OFFICE CONDO
LOCATION: 2ND ELECTION DISTRICT HOWARD CO., MD.	SCALE: 1"=20'
DESIGNED BY: JJB	DRAWN BY: JJB
CHECKED BY: JJB	DATE: MARCH, 1985
FIELD BOOK:	PAGE NO.: 1 OF 2

OWNER
ATLANTIC RICHFIELD CO
P.O. BOX 7258
PHILADELPHIA, PA 19101

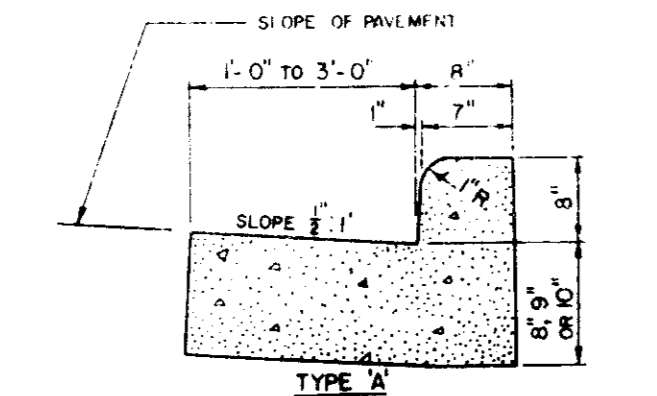
DEVELOPER
DUNLOGGIN CREST JOINT VENTURE
56 STEVE KNIGHT KNIGHT ENTERPRISES
3845 ELLICOTT MILLS DRIVE
ELLICOTT CITY, MD 21043

boender associates inc.
consulting engineers
land surveyors
land planners
COURTHOUSE SQUARE
3565 ELLICOTT MILLS DRIVE
ELLICOTT CITY, MD 21043
13011 465-7777

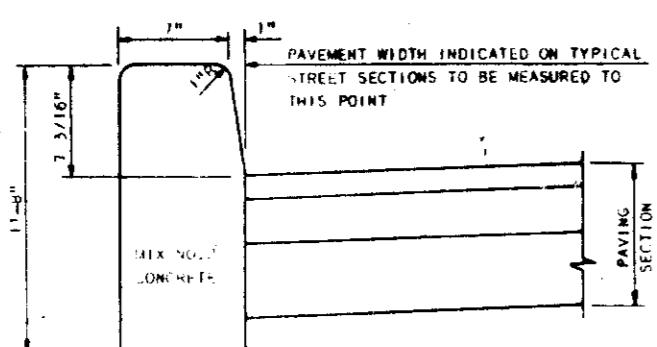
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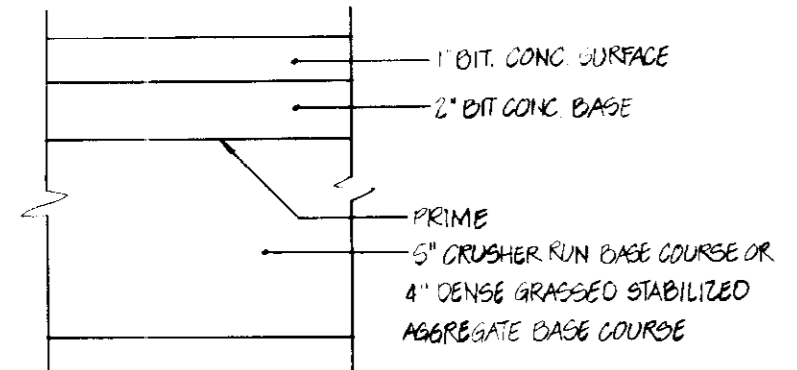
HANDICAPPED PARKING SIGN
NOT TO SCALE



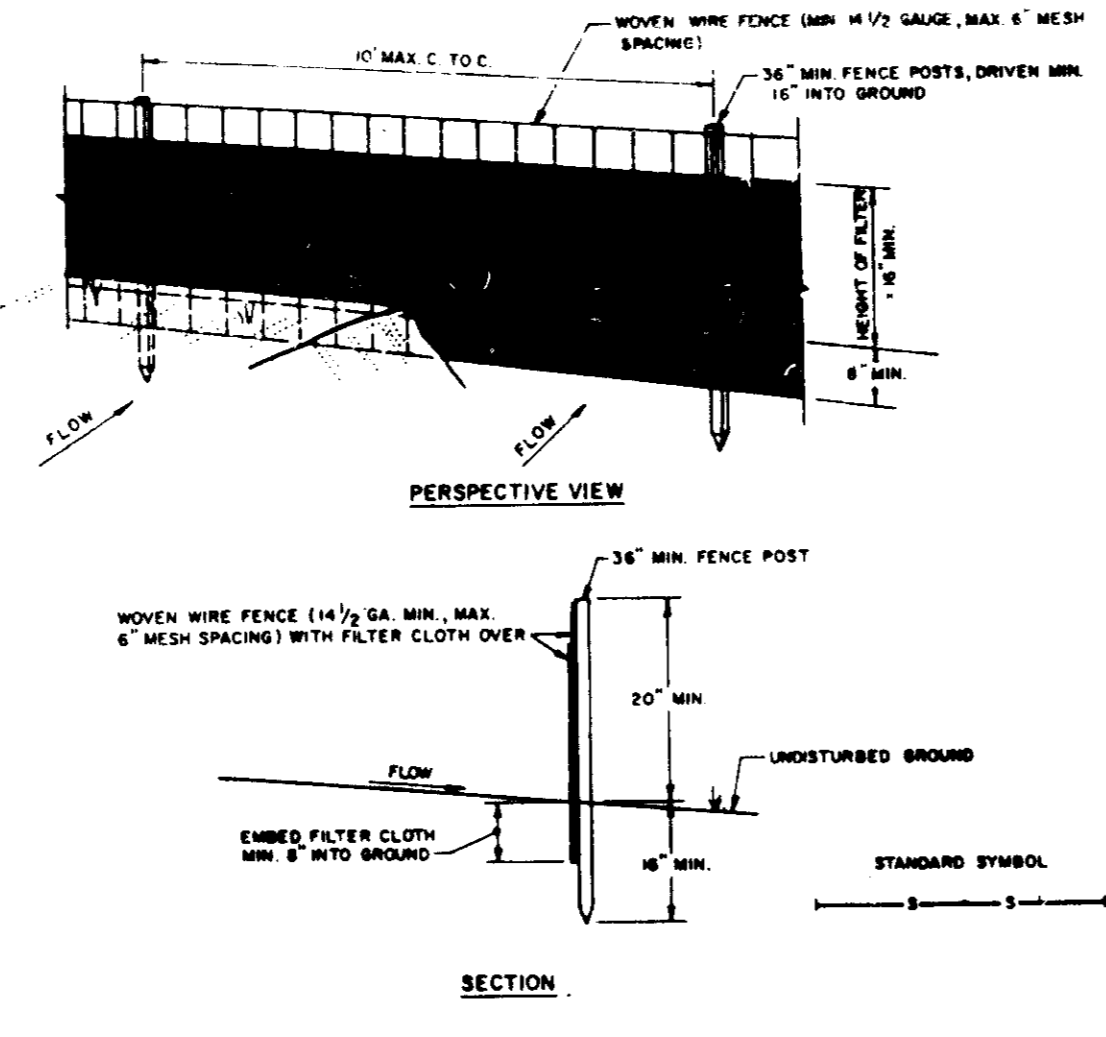
M.S.H.A. TYPE 'A' STD.
CONC. CURB AND GUTTER
M.S.H.A. STD. NO. G20.02 NOT TO SCALE



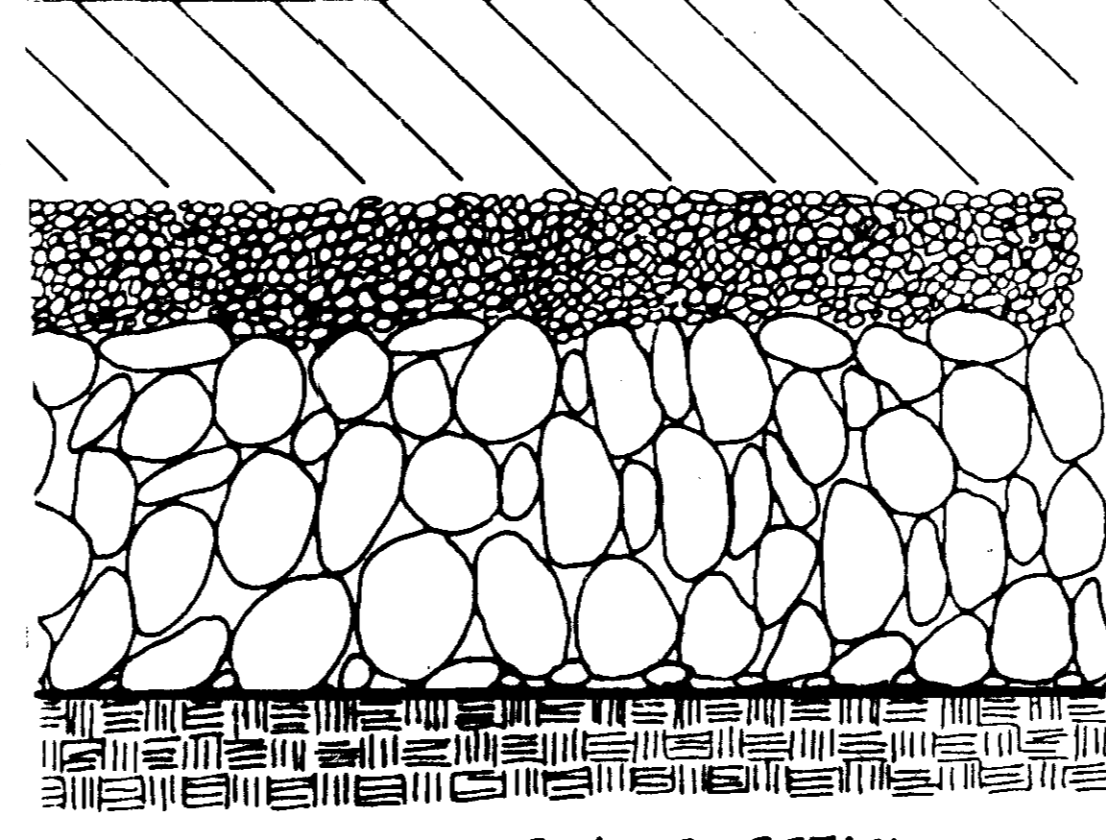
STD. BARRIER CURB
NO. 00 STD. R-3.03 NOT TO SCALE



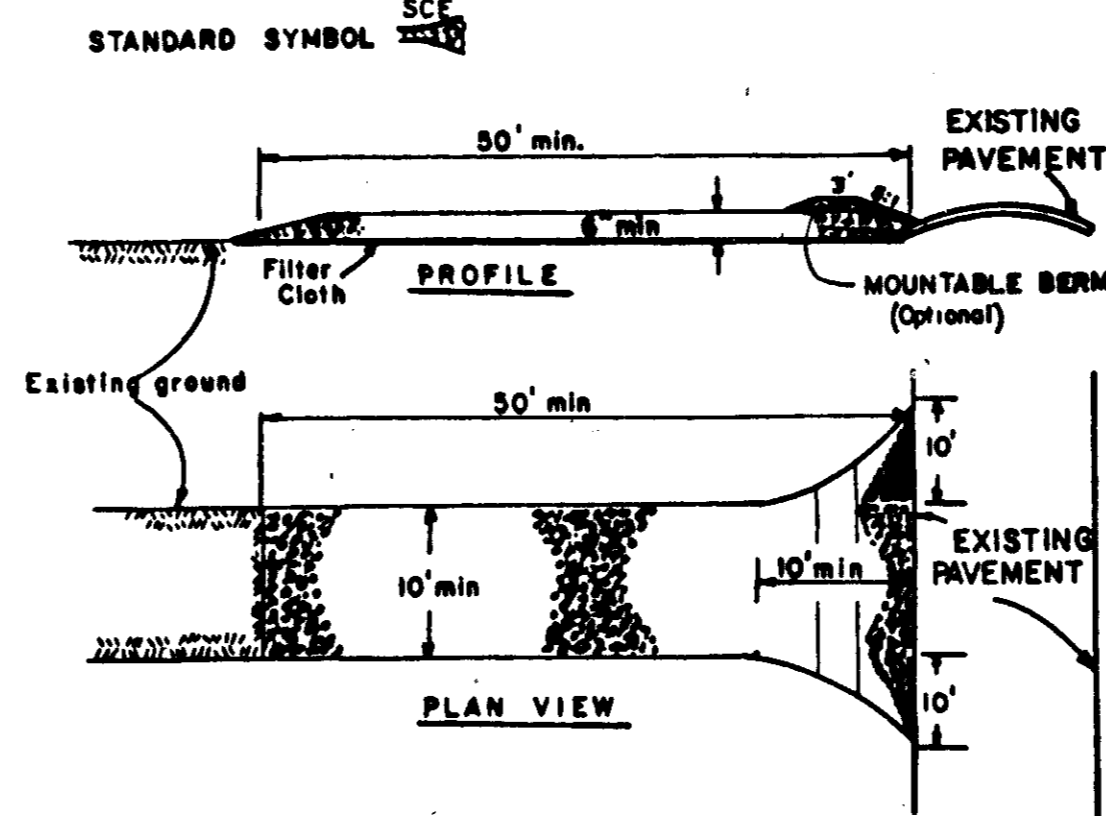
PAVING SECTION - P-1



- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE
1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES.
 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN BRAZES DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD
FENCE: WOVEN WIRE, 1 1/2" GA. 6" MAX. MESH OPENING
FILTER CLOTH: FILTER Y, MIRAFL 1000, STABILINKA 1100N OR APPROVED EQUAL
PREFABRICATED UNIT: GEOTAB, SANDIRFENCE, OR APPROVED EQUAL
- STANDARD SYMBOL
50-5 STD 12.01 NOT TO SCALE

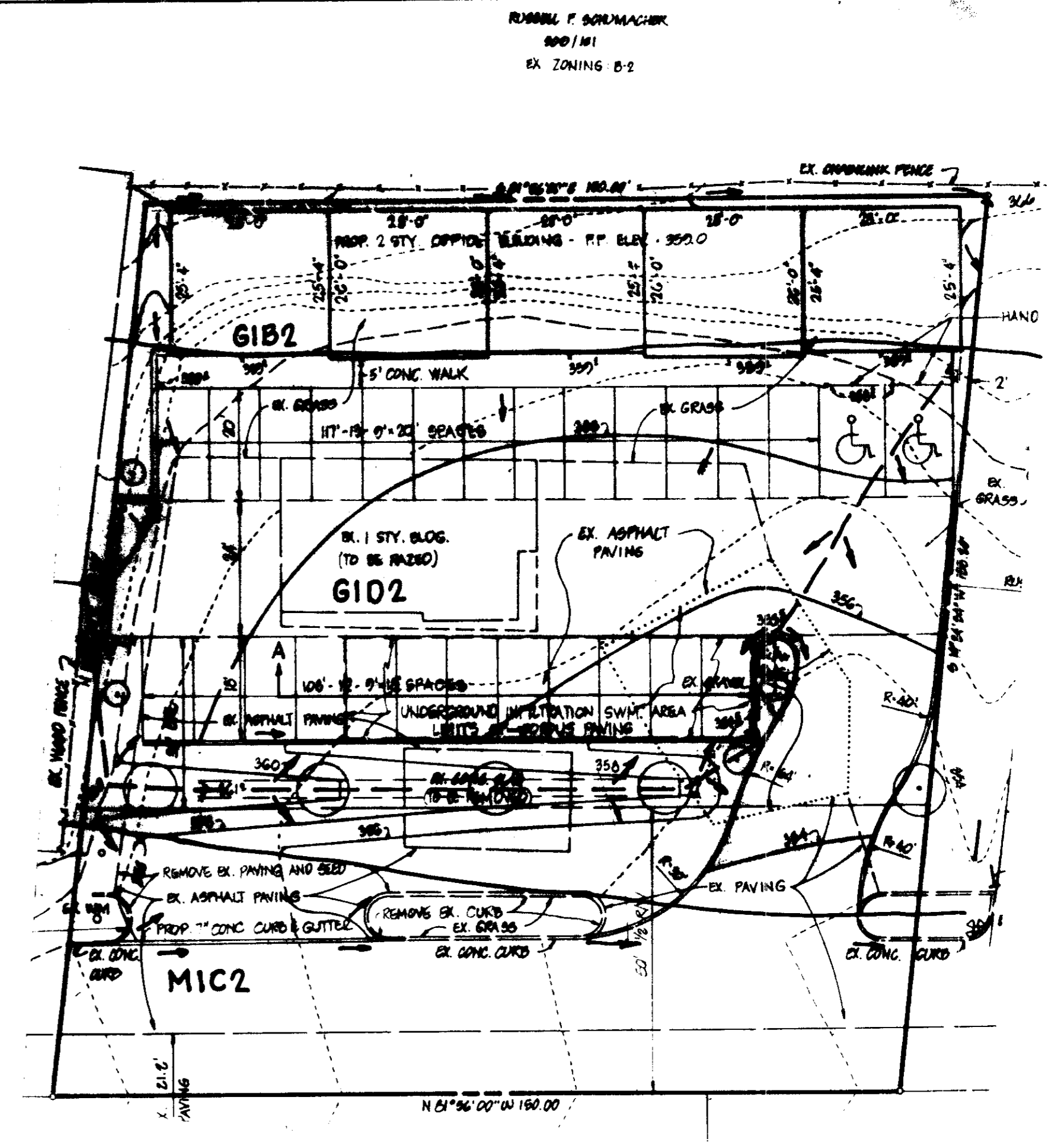


POROUS PAVING DETAIL
FIG 3-B FROM STD. & SPECS FOR INFILTRATION PRACTICES NOT TO SCALE



- CONSTRUCTION SPECIFICATIONS
1. Stone Size - Use 2" stone, or reclaimed or recycled concrete equivalent.
 2. Length - As required, but not less than 50 feet (except on a single residence lot where a 30 foot minimum length would apply).
 3. Thickness - Not less than six (6) inches.
 4. Width - Ten (10) foot minimum, but not less than the full width at points where ingress or egress occurs.
 5. Filter Cloth - Will be placed over the entire area prior to placing of stone. Filter will not be required on a single family residence lot.
 6. Surface Water - All surface water flowing or diverted toward construction entrances shall be piped across the entrances. If piping is impractical, a mountable berm with 3:1 slopes will be permitted.
 7. 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.
 8. 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.
 9. Periodic inspection and needed maintenance shall be provided after each rain.

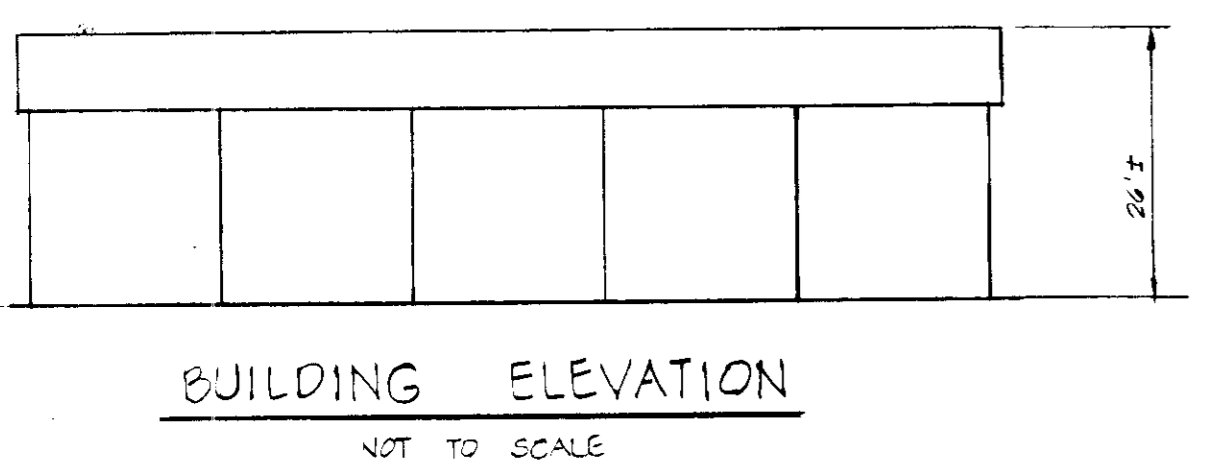
STABILIZED CONSTRUCTION ENTRANCE
50-5 ETC 4.7 NOT TO SCALE



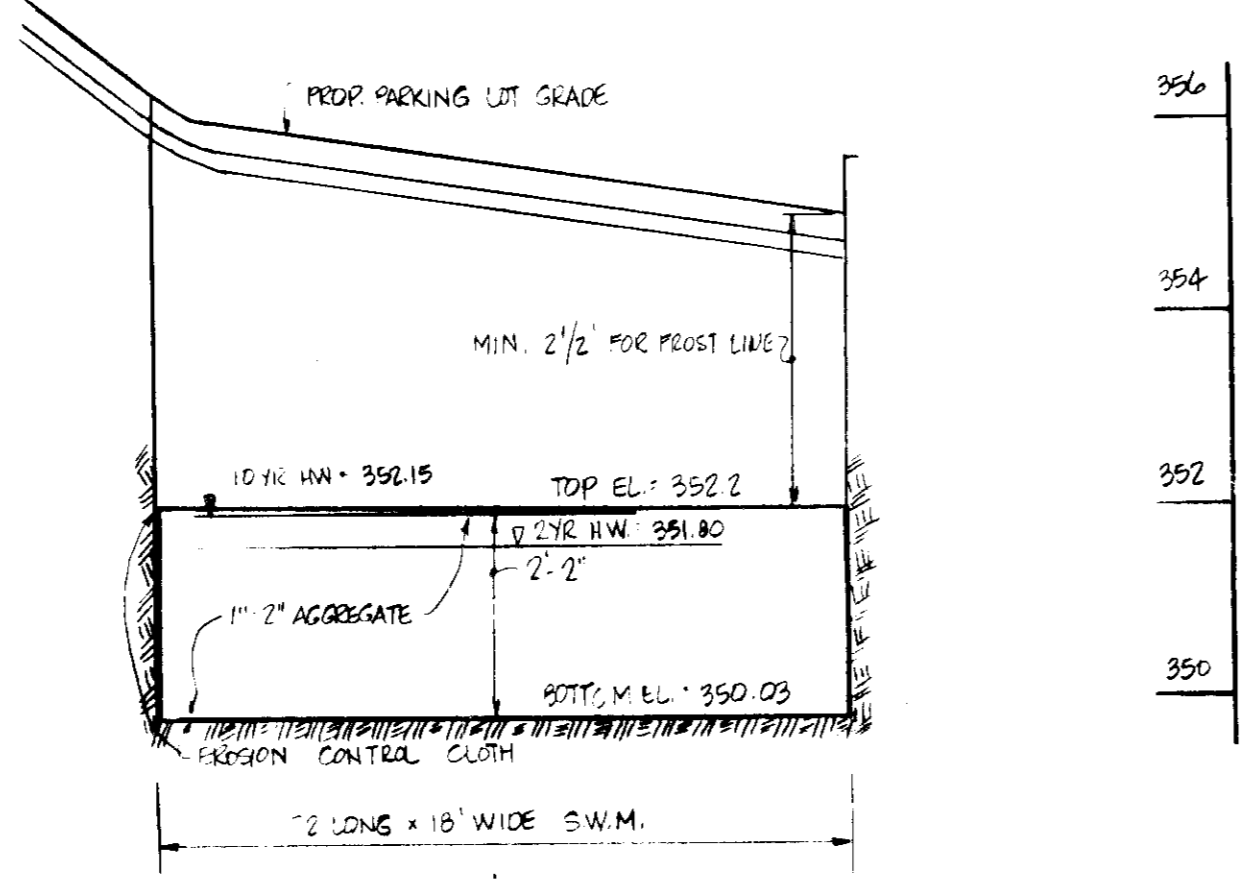
DRAINAGE AREA MAP
SCALE: 1"=20'

SOILS:
MIC2, G102, G102 = B SOILS

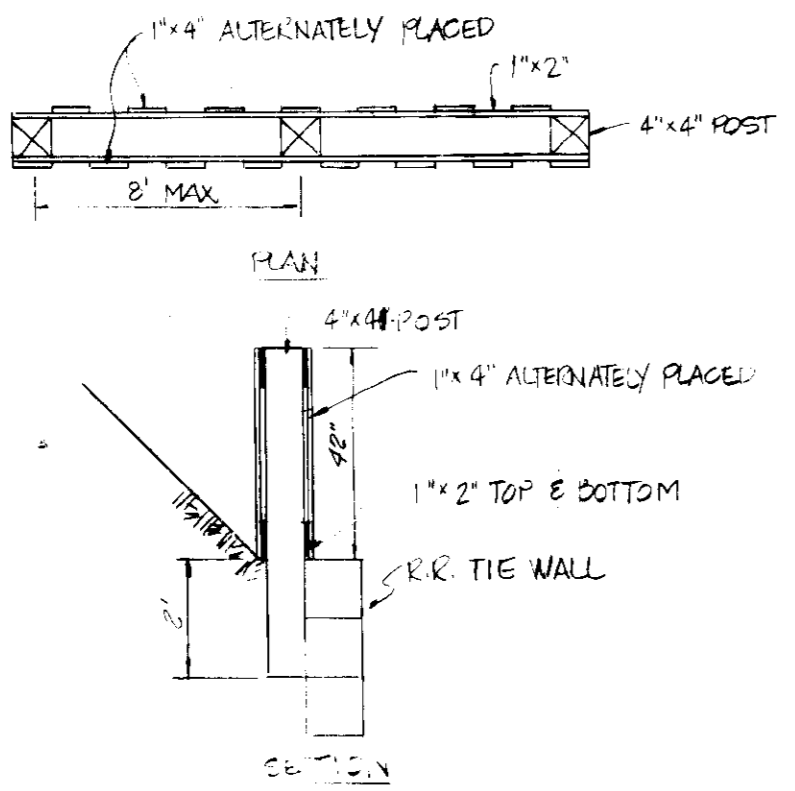
ONSITE CONTROLLED D.A.: 0.31 AC.
ONSITE UNCONTROLLED D.A.: 0.23 AC.
TOTAL AREA OF SITE: 0.54 AC.



BUILDING ELEVATION
NOT TO SCALE



SECTION A-A
SCALE: HORIZ. 1"=20' VERT. 1"=2'



DETAIL BOARD ON BOARD FENCE
NOT TO SCALE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS
HOWARD COUNTY HEALTH DEPARTMENT
Doreen Byler 6-27-85
COUNTY HEALTH OFFICER DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING
Thomas Hamig 6-27-85
PLANNING DIRECTOR DATE

Shull Muesmann 6-27-85
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
W. Nemy 6-24-85
DATE

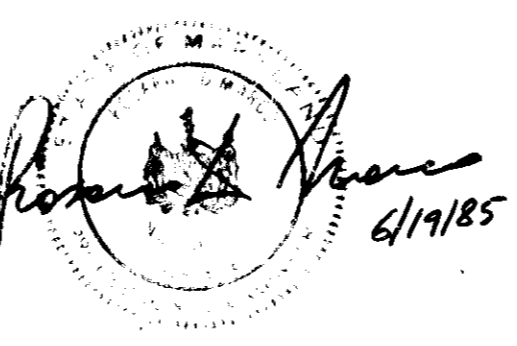
W. Nemy 6-24-85
CHIEF, BUREAU OF ENGINEERING DATE

REVIEWED FOR HOWARD S.C.D. AND MEETS TECHNICAL REQUIREMENTS
James McHeb 6/21/85
SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT
Stephen L. Wade 6/21/85
DATE

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, AS ARE DEEMED NECESSARY.
Shull Muesmann president 4/2/85
DATE

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.
Thomas Hamig 6/19/85
ENGINEER DATE



UNASSUMED ZONING APPROVAL
HOWARD COUNTY
6-10-85
W. Nemy

DETAILS			
PROJECT	DUNLOGGIN CREST OFFICE CONDO		
LOCATION	END ELECTION DISTRICT HOWARD CC, MD		
SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY: DATE:
AS SHOWN			MARCH 1985
FIELD BOOK: 60	PAGE NO:	JOB NO: 85082	DRAWING NO: 2 OF 2

OWNER: ATLANTIC RICHFIELD CO, PHILADELPHIA, PA 19101
DEVELOPER: DUNLOGGIN CREST JOINT VENTURE, 3545 ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043
boender associates inc. consulting engineers land surveyors land planners
COURTHOUSE SQUARE, 3555 ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043 (301) 465-7777
SDP-85-179