

**SEDIMENT CONTROL NOTES**

- 1) 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)
- 2) 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.
- 3) Following initial soil disturbance or redistribution of soil, 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.
- 4) All sediment traps/basins shall be fenced and warning signs posted around their perimeter in accordance with Vol. 1, Chapter 12, of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- 5) 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 seeding (Sec. 51) and (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.
- 6) 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.
- 7) Site Analysis:  
 Total Area of Site = 0.620 Acres  
 Area Disturbed = 0.44 Acres  
 Area to be roofed or paved = 0.222 Acres  
 Area to be vegetatively stabilized = 0.19 Acres  
 Total Cut = 240 Cu. yds  
 Total Fill = 840 Cu. yds  
 Off-site waste/borrow area location: **FORM APPROVED SITE**
- 8) Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- 9) Additional sediment controls must be provided, if deemed necessary by the Howard County DEP sediment control inspector.
- 10) 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 not be authorized until this initial approval by the inspection agency is made.

**GENERAL NOTES**

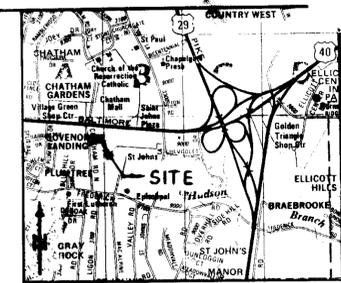
- (1) ALL WORK SHALL BE DONE IN ACCORDANCE WITH HOWARD COUNTY STANDARDS, SPECIFICATIONS AND DETAILS FOR CONSTRUCTION.
  - (2) ANY DAMAGE TO PUBLIC RIGHT-OF-WAY, PAVING OR EXISTING UTILITIES WILL BE REPAIRED AT THE EXPENSE OF CONTRACTOR.
  - (3) ALL UTILITY COMPANIES MUST BE NOTIFIED 24 HOURS IN ADVANCE OF ANY CONSTRUCTION.
  - (4) THE LAND INCLUDED IN THIS PLAN IS ZONED "B-2".
  - (5) THE AREA SHOWN IN THIS SUBDIVISION IS LOCATED ON ZONE MAP # 24.
  - (6) TYPE OF SOIL: CHESTER SILT LOAM.
  - (7) THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION SURVEY DIVISION, 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 792-7272.
- B) SITE ANALYSIS**  
 (A) TOTAL AREA OF SITE = 0.620 AC  
 (B) TOTAL AREA OF PARKING = 0.222 AC  
 (C) TOTAL BLDG. COVERAGE = 1 AC.  
 (D) OPEN SPACE (GREEN AREA) = 0.467 AC (75.7%)

**SEQUENCE OF CONSTRUCTION**

- (1) OBTAIN A GRADING PERMIT 1 DAY
- (2) CLEAR AND GRADE TO INSTALL SEDIMENT AND EROSION CONTROL DEVICE INCLUDING STONE CONSTRUCTION ENTRANCE 2 DAYS
- (3) GRADE THE SITE AND CONSTRUCT CURB AND GUTTER AND PARKING LOT 2 WEEKS
- (4) CONSTRUCT 20' GRASS CHANNEL, FINAL GRASS AND STABILIZE AFFECTED AREAS \* DAYS
- (5) CONSTRUCT THE INFILTRATION TRENCH AS SHOWN ON PLAN AND STABILIZE AFFECTED AREA 4 DAYS
- (6) REMOVE SEDIMENT CONTROL DEVICE WITH APPROVAL OF SEDIMENT CONTROL INSPECTOR 1/2 DAY

**PARKING REQUIREMENT**

- PARKING REQUIREMENT:**
- (1) OFFICE BUILDING (3000 S.F. @ 100 S.F./SPACE) = 30 SPACES
  - (2) RETAIL (3000 S.F. @ 150 S.F./SPACE) = 20 SPACES
- TOTAL PARKING REQUIRED = 50 SPACES
- PARKING PROVIDED:**
- (1) FOR PHASE 1 (SDP # 86-154) PARKING PROVIDED = 31 SPACES
  - (2) AUTO TRIENT PROVIDE BY ADJACENT DEVELOPMENT = 19 SPACES
- TOTAL PARKING PROVIDED = 50 SPACES



**VICINITY MAP**  
SCALE 1" = 200'

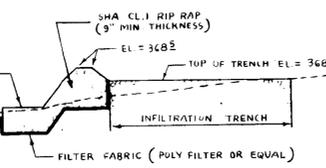
**SITE ANALYSIS**

- (A) FOR PHASE - 1 (SDP # 86-154)
- (1) TOTAL AREA OF SITE = 0.620 AC
  - (2) BUILDING COVERAGE = 17.0% (10,733 S.F.)
  - (3) TOTAL AREA OF PARKING = 24.2% (15,133 S.F.)
  - (4) AREA OF LANDSCAPED ISLAND WITHIN PARKING LOT = 1.13% (7,127 S.F.)
  - (5) OPEN SPACE (GREEN AREA) ON SITE = 40.7% (25,433 S.F.)
- (B) PHASE - 2 (PARKING ADDITION)
- (1) TOTAL AREA OF SITE = 0.62 AC
  - (2) BUILDING COVERAGE = 0%
  - (3) TOTAL AREA OF PARKING = 9,630 S.F.
  - (4) AREA OF LANDSCAPED ISLAND WITHIN PARKING LOT = 800 S.F. (8.26%)
  - (5) OPEN SPACE (GREEN AREA) ON SITE = 20,366 S.F. (67.8%)
- (C) PHASE - 1 AND PHASE - 2
- (1) TOTAL AREA = 0.620 AC + 0.000 AC = 0.620 AC
  - (2) TOTAL AREA OF PARKING = 15,133 S.F. (24.2%)
  - (3) AREA OF LANDSCAPED ISLAND WITHIN PARKING LOT = 1,939.0 S.F. (6.07%)
  - (4) OPEN SPACE (GREEN AREA) = 26,940 S.F. (43.2%)

20' WIDE X 62' LONG X 4' DEEP INFILTRATION TRENCH (SEE DETAIL SHEET 2 OF 3)  
 TOP OF TRENCH EL. = 368.2  
 BOTTOM OF TRENCH EL. = 364.2

**SECTION A-A**

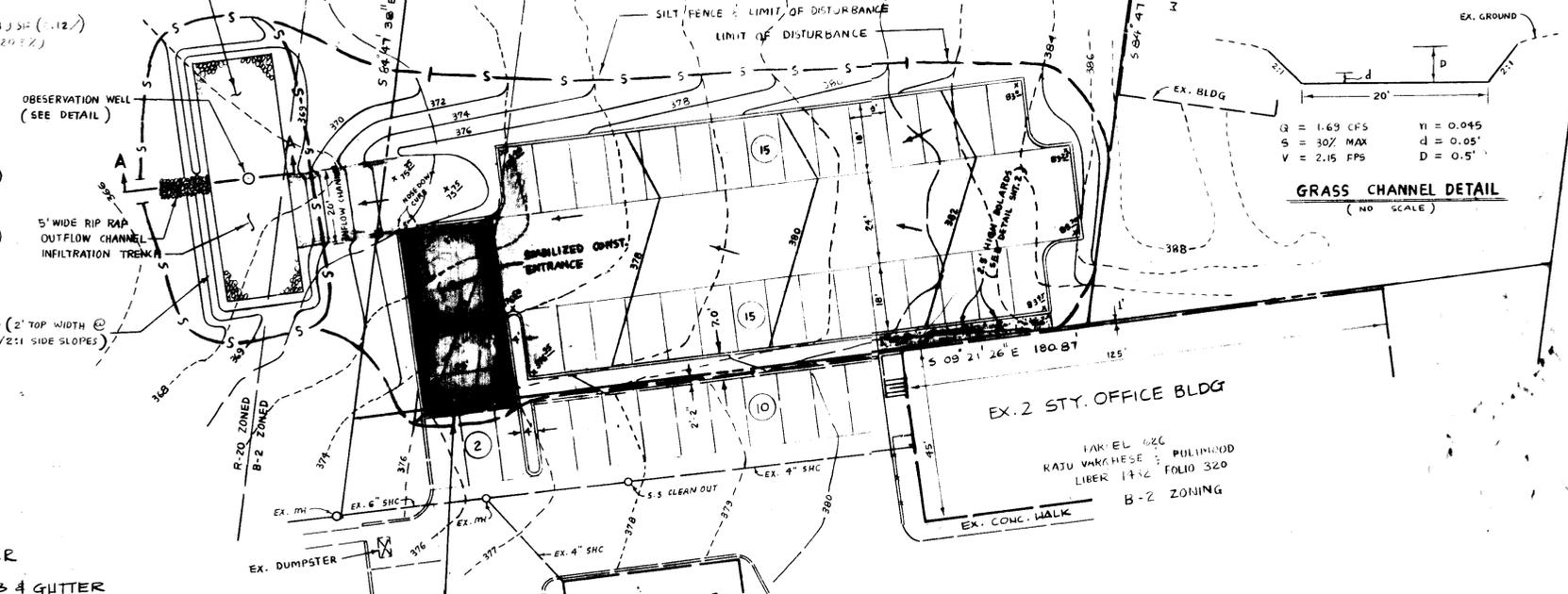
SCALE: HORIZ. 1" = 10', VERT. 1" = 3'



**GRASS CHANNEL DETAIL**

(NO SCALE)

Q = 1.63 CFS  
 S = 30% MAX  
 V = 2.15 FPS  
 Y = 0.045  
 d = 0.05'  
 D = 0.5'



**PLAN**

SCALE: 1" = 20'

**LEGEND**

- (1) --- EX. CONTOUR
- (2) --- PROP. CONTOUR
- (3) --- EX. CONC. CURB & GUTTER
- (4) --- PROP. CONC. CURB & GUTTER
- (5) --- FLOW ARROW
- (6) --- SILT FENCE
- (7) --- LIMIT OF DISTURBANCE
- (8) --- STABILIZED CONST. ENTR.
- (9) --- CONC. PAD

**REVISIONS**

DESIGNED	DATE	DATE	BY	DESCRIPTION
DRAWN				
CHECKED				
APPROVED				

**ENGINEERING TECHNOLOGIES ASSOCIATES, INC.**

ENGINEERS, SURVEYORS, CONSTRUCTION MANAGERS.  
 9051 BALTIMORE NATIONAL PIKE  
 ELLICOTT CITY, MD. 21043  
 (301) 461-9920



**OWNER/DEVELOPER**

V & P ASSOCIATES  
 3710 PLUM MEADOW DRIVE  
 ELLICOTT CITY, MD. 21043  
 (301) 461-1261

**SITE, GRADING AND SEDIMENT CONTROL PLAN**

**MALABAR PLAZA PHASE - 2**  
 (PARKING ADDITION TO SDP # 86-154)

PARCEL: 98 TAX MAP: 24 BLOCK: 4  
 2<sup>ND</sup> ELECTION DISTRICT, HOWARD COUNTY MARYLAND  
 SCALE: AS SHOWN CONTRACT NO. SDP # 87-63 DATE: AUG 1987 SHEET 1 OF 3

REVISED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND NEHS TECHNICAL REQUIREMENTS

*J. DeKalnis* 1/2/87  
 U.S. SOIL CONSERVATION SERVICE DATE

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

*John J. DeKalnis* 1/2/87  
 HOWARD COUNTY HEALTH DEPARTMENT DATE

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

*John J. DeKalnis* 1/2/87  
 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS DATE

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

*John J. DeKalnis* 1/2/87  
 CHIEF, BUREAU OF ENGINEERING DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

*John J. DeKalnis* 1/2/87  
 CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

**ENGINEER'S CERTIFICATE**

I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND FEASIBLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

*DeKalnis* 12/19/86  
 SIGNATURE OF ENGINEER DATE

**DEVELOPER'S CERTIFICATE**

"I HEREBY 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 INSPECTION BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

*DeKalnis* Dec-17-1986  
 SIGNATURE OF DEVELOPER DATE

**ADDRESS CHART**

LOT NUMBER	STREET ADDRESS
PARCEL B	3425 NORTH CHATHAM ROAD

SUBDIVISION NAME	PROPERTY	SECT./AREA	LOT/PARCEL #
T. CARROLL BEACH PHASE 2	MALABAR PLAZA	0.620	B
MAP OR LOT BLOCK #	ZONE	TAX/ZONE MAP	SECT. DIST. (CENSUS TR.)
6749	4	D-2	24 2 <sup>ND</sup> W-23.0'
WATER CODE	F 06	SEWER CODE	5 753700

**PERMANENT SEEDING NOTES**

**Seedbed Preparation:** Loosen upper 3 inches of soil by raking, disking or other acceptable means before seeding.

**Soil Amendments:** Use one of the following schedules:

- 1) Preferred - Apply 2 tons per acre dolomitic limestone (92 lbs./1000 square ft.) and 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 square 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./1000 square ft.)
- 2) Acceptable - Apply 2 tons per acre dolomitic limestone (92 lbs./1000 square 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 through April 30, and August 1 through October 15, seed with 60 lbs. per acre (14 lbs./1000 sq. ft.) of Kentucky 31 Tall Fescue. For the period May 1 through July 31, seed with 60 lbs. Kentucky 31 Tall Fescue per acre and 2 lbs. per acre (.05 lbs./1000 square ft.) of weeping lovegrass. During the period of October 16 through February 26, 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 seed. Option (3) Seed with 60 lbs. fescue Kentucky 31 tall fescue and mulch with 2 tons/acre well anchored straw.

**Mulching:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of unrotted 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 reseeding.

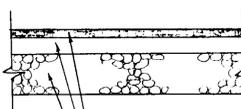
**TEMPORARY SEEDING NOTES**

**Seedbed Preparation:** Loosen upper 3 inches of soil by raking, disking or other acceptable means before seeding.

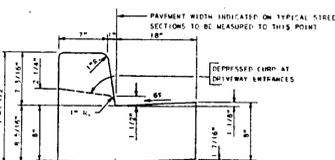
**Soil Amendments:** Apply 600 lbs. per acre 10-10-10 fertilizer (14 lbs./1000 sq. ft.)

**Seeding:** For periods March 1 through April 30 and from August 15 through November 15, seed with 24 lbs. per acre of annual rye (3.2 lbs./1000 sq. ft.) For the period May 1 through August 14, seed with 3 lbs. per acre of weeping lovegrass (.07 lbs./1000 sq. ft.) For the period November 16 through February 26, protect the 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 (70 to 90 lbs./1000 sq. ft.) of unrotted 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 on flat areas. On slopes, 8 ft. or higher use 3 1/2 gal. per acre (8 gal./1000 sq. ft.) for anchoring.

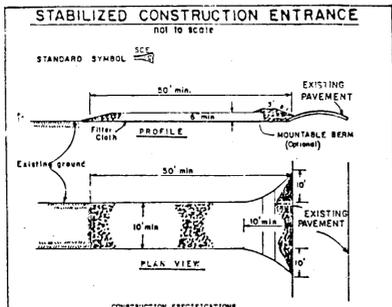


**PAVING SECTION**  
(NO SCALE)

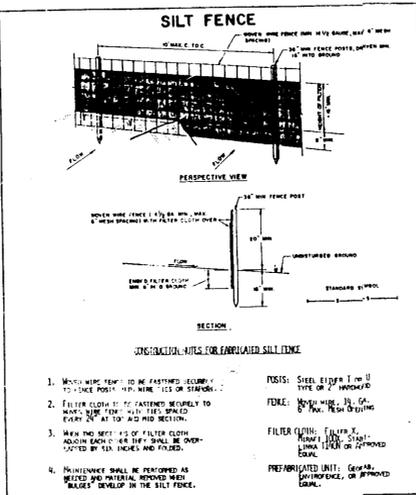


**STANDARD 7\"/>**

**NOTE:** CURB AND GUTTER WILL HAVE REVERSE SLOPE OF GUTTER PAN AT SAME RATE AS SLOPE ACROSS PAVING.



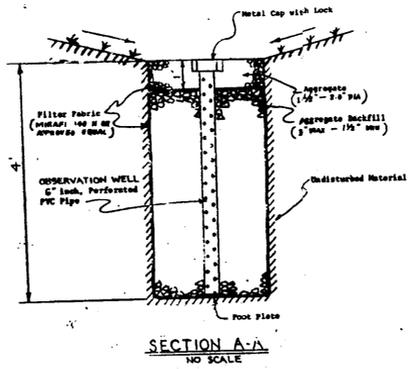
- CONSTRUCTION SPECIFICATIONS**
1. Stone Size - Use 3\"/>



- CONSTRUCTION NOTES FOR EXPOSED SILT FENCE**
1. Material shall be as specified in the notes.
  2. Filter cloth shall be fastened securely to the fence post.
  3. Maintenance shall be performed as specified in the notes.

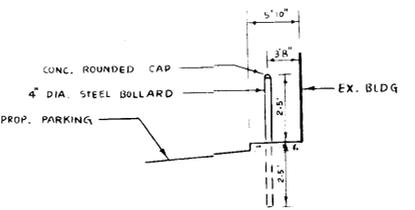
**INFILTRATION TRENCH**

- A. MATERIAL**
1. Aggregate - The aggregate material shall consist of a clean aggregate with a maximum diameter of 3\"/>
- B. CONSTRUCTION SPECIFICATIONS**
1. The infiltration trench shall not be constructed or placed in service until all of the contributing drainage area has been stabilized and approved by the inspector.
  2. Excavate the trench to the design dimensions. Excavated materials shall be placed away from the trench sides to enhance trench wall stability. Large tree roots must be trimmed flush with the trench sides in order to prevent fabric puncturing or tearing during subsequent installation procedures. The side walls of the trench shall be roughened where sheared and sealed by heavy equipment.
  3. The filter fabric roll must be cut to the proper width prior to installation. The cut width must include sufficient material to conform to trench perimeter irregularities and for a six (6) inch minimum top overlap. Place the fabric roll over the trench and unroll a sufficient length to allow placement of the fabric down into the trench. Stones or other anchoring objects shall be placed at the edge of the fabric at the trench to keep the lined trench open during windy periods. Infiltration areas required between rolls, the upstream roll should lap a minimum of two (2) feet over the downstream roll in order to provide a shingled effect.
  4. The stone aggregate shall be placed in 12\"/>
  5. Following the stone aggregate placement, the filter fabric shall be folded over the stone aggregate to form a six (6) inch minimum longitudinal lap. The stone aggregate shall be placed over the lap at sufficient intervals to maintain the lap during subsequent backfilling.
  6. Care shall be exercised to prevent soils from intermixing with the stone aggregate. All contaminated stone aggregate shall be removed and replaced with uncontaminated stone aggregate.
  7. Voids created between the fabric and excavation sides and shall be avoided. Natural soils should be placed in these voids at the most convenient time during the construction to ensure fabric conformity to the excavation sides.
  8. Vertically excavated walls may be difficult to maintain in areas where the soil moisture is high or where soft cohesive or cohesionless soils predominate. These conditions may require laying back of the side slopes to maintain stability.
  9. Heavy equipment and traffic shall be restricted from travelling over the infiltration areas to minimize compaction of the soil.
  10. An observation well shall be provided. The depth of the well at the time of installation will be clearly marked on the well cap.
- C. MAINTENANCE**
1. The observation well shall be monitored periodically. For the first year after completion of construction, the well shall be monitored on a quarterly basis and after every large storm. It is recommended that a log book be maintained indicating the rate at which the facility behaves after large storms and the depth of the well for each observation. Once the performance characteristics of the structure have been verified, the monitoring schedule can be reduced to an annual basis unless the performance data indicate that a more frequent schedule is required.
  2. Sediment build-up in the top foot of stone aggregate shall be monitored on the same schedule as the observation well. Sediment deposited shall not be allowed to build up to the point where it will reduce the rate of infiltration into the trench.



**SECTION A-A**  
NO SCALE

**NOTE:** A QUALIFIED ENGINEER MUST INSPECT THE BOTTOM OF THE TRENCH FOR SOIL TYPE PRIOR TO PLACEMENT OF CLOTH AND STONE.



**BOLLARD DETAIL**  
NO SCALE

**NOTE:** 2.5\"/>

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND METS TECHNICAL REQUIREMENTS  
*J. Helms* 1/2/87  
SOIL CONSERVATION SERVICE DATE

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT  
*Stephen L. Fisher* 1/2/87  
DISTRICT DIRECTOR DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT  
*J. Helms* 1-16-87  
HEALTH DEPARTMENT OFFICER DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS  
*James M. ...* 1-18-87  
DIRECTOR DATE

APPROVED FOR PUBLIC WATER, PUBLIC SEWERAGE AND STORM DRAINAGE SYSTEMS AND ROADS  
*James M. ...* 1-18-87  
CHIEF, BUREAU OF ENGINEERING DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*James M. ...* 1-19-87  
PLANNING DIRECTOR DATE

APPROVED HOWARD COUNTY OFFICE OF PLANNING AND ZONING  
*James M. ...* 1-19-87  
CHIEF, DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION DATE

ENGINEER'S CERTIFICATE  
I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.  
*J. Helms* 1/19/86  
SIGNATURE OF ENGINEER DATE

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*James M. ...* December 17, 1986  
SIGNATURE OF DEVELOPER DATE

DESIGNED	REVISIONS			
	DATE	DATE	BY	DESCRIPTION
DRAWN	DATE			
CHECKED	DATE			
APPROVED	DATE			

**ENGINEERING TECHNOLOGIES ASSOCIATES, INC.**  
ENGINEERS, SURVEYORS, CONSTRUCTION MANAGERS.  
9051 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MD. 21043  
(301) 461-9920



**OWNER/DEVELOPER**  
V & P ASSOCIATES  
3770 PLUM MEADOW DRIVE  
ELLCOTT CITY, MD 21043  
(301) 461-1661

**SITE GRADING AND SEDIMENT CONTROL PLAN**  
**MALABAR PLAZA PHASE - 2**  
PARCEL: 08 TAX MAP: 24 BLOCK: 4  
2<sup>ND</sup> ELECTION DISTRICT HOWARD COUNTY MARYLAND  
SCALE: AS SHOWN CONTRACT NO. SDP# 87-63 DATE: AUG 86 SHEET: 2 OF 3  
**SDP-87-63**

**SEDIMENT CONTROL NOTES**

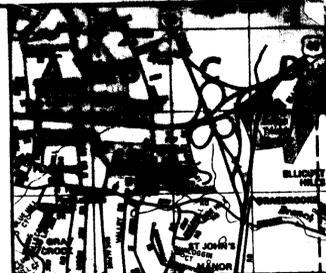
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  - Offsite waste/borrow area location = \_\_\_\_\_
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**GENERAL NOTES**

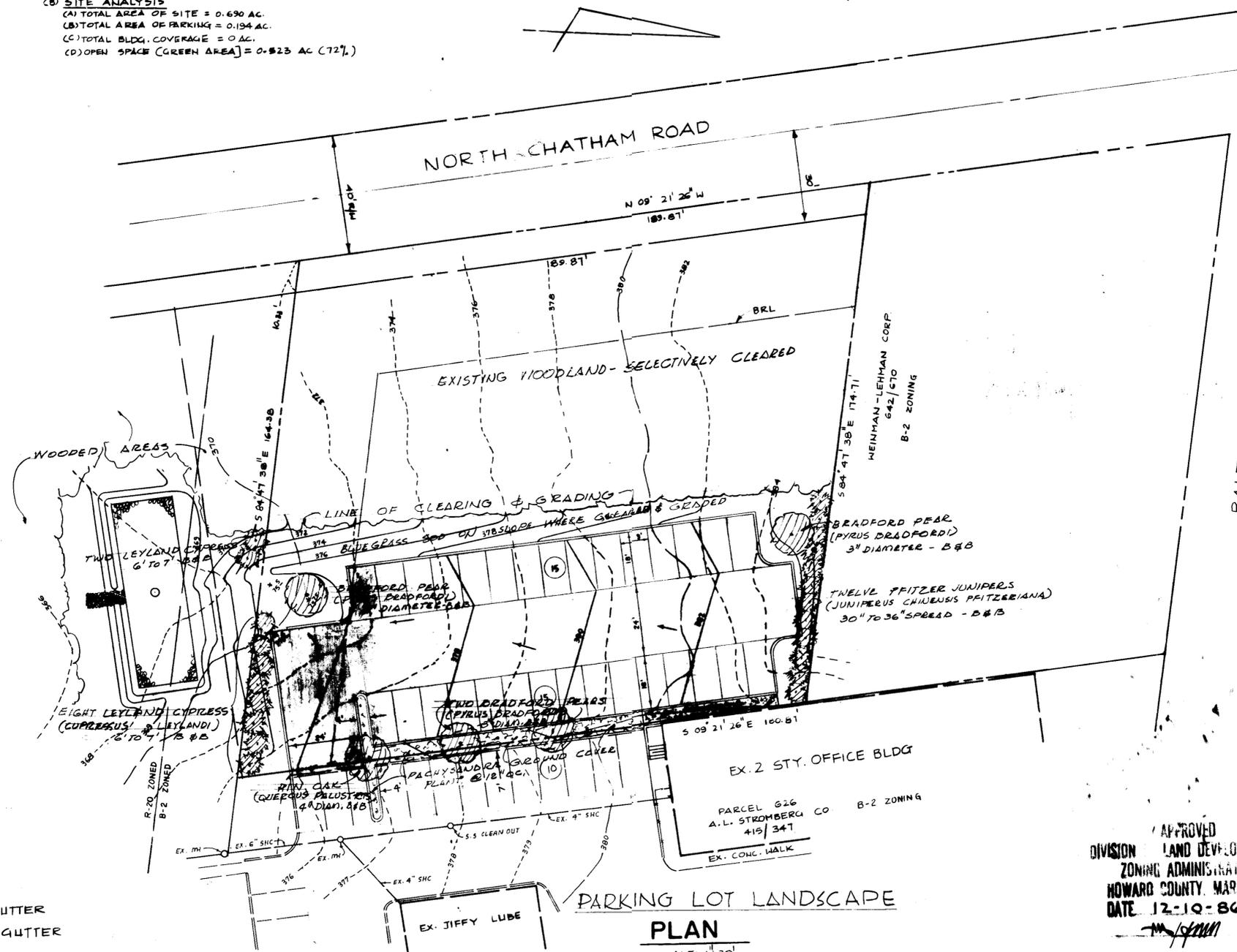
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  - (3) ALL UTILITY COMPANIES MUST BE NOTIFIED 24 HOURS IN ADVANCE OF ANY CONSTRUCTION.
  - (4) THE LAND INCLUDED IN THIS PLAN IS ZONED B-2
  - (5) THE AREA SHOWN IN THIS SUBMISSION IS LOCATED ON ZONE MAP#024.
  - (6) TYPE OF SOIL: CHESTER SILT LOAM
  - (7) THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION INSPECTION/SURVEY DIVISION, 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK AT 792-7272
- (B) SITE ANALYSIS**
- (A) TOTAL AREA OF SITE = 0.690 AC.
  - (B) TOTAL AREA OF PARKING = 0.194 AC.
  - (C) TOTAL BLDG. COVERAGE = 0 AC.
  - (D) OPEN SPACE (GREEN AREA) = 0.523 AC (77%)

**SEQUENCE OF CONSTRUCTION**

- (1) OBTAIN A GRADING PERMIT ----- 1 DAY
- (2) CLEAR AND GRADE TO INSTALL SEDIMENT AND EROSION CONTROL DEVICE INCLUDING STONE CONSTRUCTION ENTRANCE ----- 2 DAYS
- (3) GRADE THE SITE AND CONSTRUCT CURB AND GUTTER AND PARKING LOT. ----- 2 WEEKS
- (4) CONSTRUCT SLOPED CHANNEL, FINAL GRADE AND STABILIZE AFFECTED AREAS ----- 3 DAYS
- (5) REMOVE SEDIMENT CONTROL DEVICE WITH APPROVAL OF SEDIMENT CONTROL INSPECTOR ----- 1 DAY



VICINITY MAP  
SCALE 1" = 200'



BALTIMORE NATIONAL PIKE  
[U.S. RTE. 49] 150R/W

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND REEDED TECHNICAL REQUIREMENTS

*J. Holliman* 12/87

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

*Stephen L. Holliman* 12/87

APPROVED FOR PUBLIC WATER AND PUBLIC SPACE SYSTEMS

*[Signature]* 1-16-87

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

*[Signature]* 1-13-87

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING

*[Signature]* 1-19-87

**ENGINEER'S CERTIFICATE**

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

*[Signature]* 12/19/86

**DEVELOPER'S CERTIFICATE**

"I/WE 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 INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY."

*[Signature]* December 17, 1986

APPROVED  
DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION  
HOWARD COUNTY, MARYLAND  
DATE: 12-10-86

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
2	

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL #
MALABAR PLAZA	2-5.90	98
MAP # OR LOT BLOCK #	TOWNSHIP	CONSERVATION DISTRICT
4	B-2	24
WATER CODE		SEWER CODE
		6028-01

**LEGEND**

- (1) --- EX. CONTOUR
- (2) --- PROP. CONTOUR
- (3) === EX. CONC. CURB & GUTTER
- (4) === PROP. CONC. CURB & GUTTER
- (5) → FLOW ARROW
- (6) --- S --- SILT FENCE
- (7) --- LIMIT OF DISTURBANCE
- (8) [Symbol] STABILIZED CONST. ENTR.

REVISIONS				
DESIGNED	DATE	DATE	BY	DESCRIPTION
DRAWN				
CHECKED				
APPROVED				

**ENGINEERING TECHNOLOGIES ASSOCIATES, INC.**  
ENGINEERS, SURVEYORS, CONSTRUCTION MANAGERS.  
9051 BALTIMORE NATIONAL PIKE  
ELLCOTT CITY, MD. 21043  
(301) 461-9920



**OWNER/DEVELOPER**  
V & P ASSOCIATES  
3770 PLUM MEADOW DRIVE  
ELLCOTT CITY, MD. 21043  
(301) 461-1661

LANDSCAPE PLANTING PLAN: REVISION  
**MALABAR PLAZA PHASE - 2**  
(PARKING ADDITION TO SDP # 86-154)  
PARCEL: 98 TAX MAP: 24 BLOCK: 4  
2<sup>ND</sup> ELECTION DISTRICT, HOWARD COUNTY, MARYLAND  
SCALE: AS SHOWN CONTRACT NO. SDP  
REV: NOV 1986 DATE: AUG 85 SHEET 3 OF 3

SDP-87-63