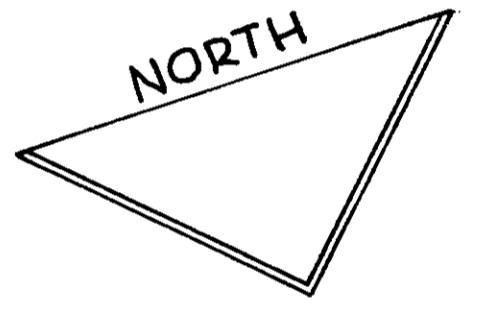


BLDG. ELEVATION
Scale: 1" = 20'

KAISER-AETNA
581/281

| Symbol | Variety | Caliber | Spread | Height | Spacing |
|--------|--------------------|-------------|---------|----------|---------|
| A | Mallus Radiant | Min. 2 1/2" | Min. 6' | 7' to 8' | 35' |
| B | Cornus Florida | 1" | 3' | 5' | 9' |
| C | Cornus Flor. Rubra | 1" | 3' | 5' | 9' |
| G | Pinus Strobus | 1 1/2" | 4' | 6' | 8' |
| H | Azalea | | | | 4' |



OWNER:
Rte. 100 Joint Venture Inc.
5515 Randolph Rd.
Rockville, Md. 20852

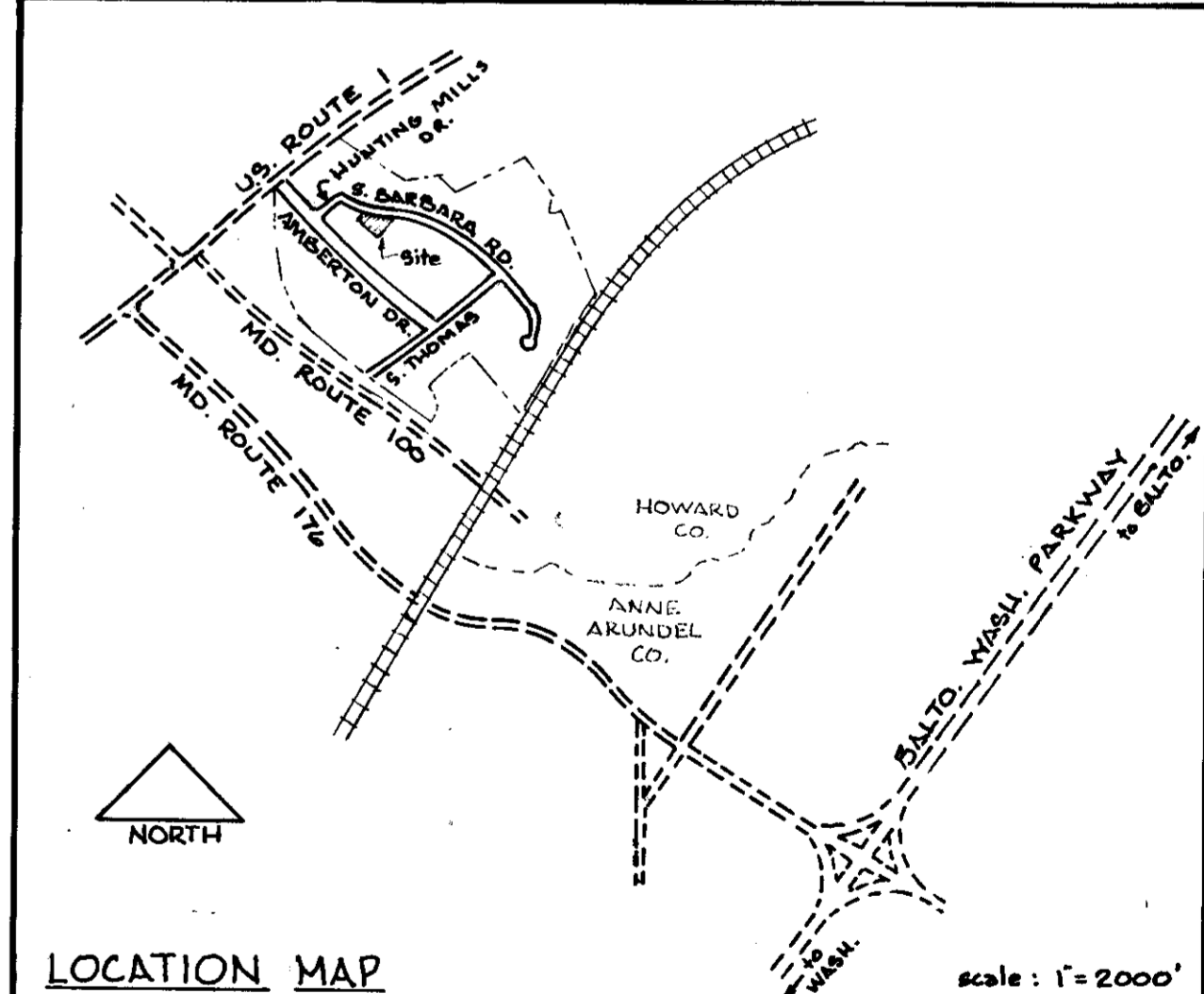
| Date | Revisions |
|---------|--------------------------|
| 2-11-78 | |
| 11-8-77 | Gen. Rev. |
| 5-10-77 | Relocate Bldg. Shts. 1-4 |

SITE ANALYSIS:
Zoning - M2
Parking Space Req'd. -
Parking Space Provided - 28
(Including 5 Sps. for Handicapped)
No. of Employees - 14
Sq. Ft. Retail Space - 0
Total Area - 2.73 Ac.
Area of Building - 1.01 Ac.
Area Paved - 1.02 Ac.
No Fences on Site
Open Space - 26.37 %
Bldg. Use - Warehouse Only

ROAD
APPROVED
DIVISION OF LAND DEVELOPMENT

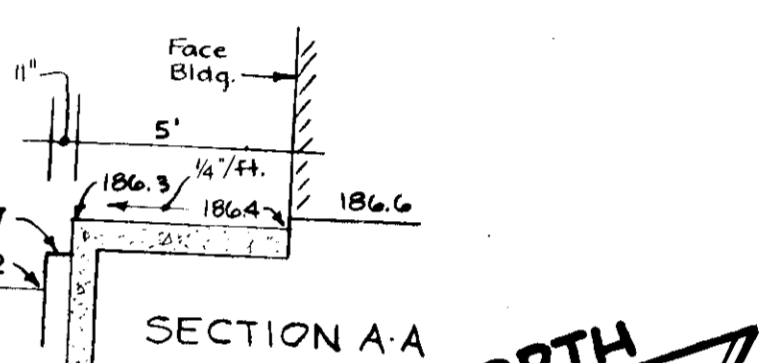
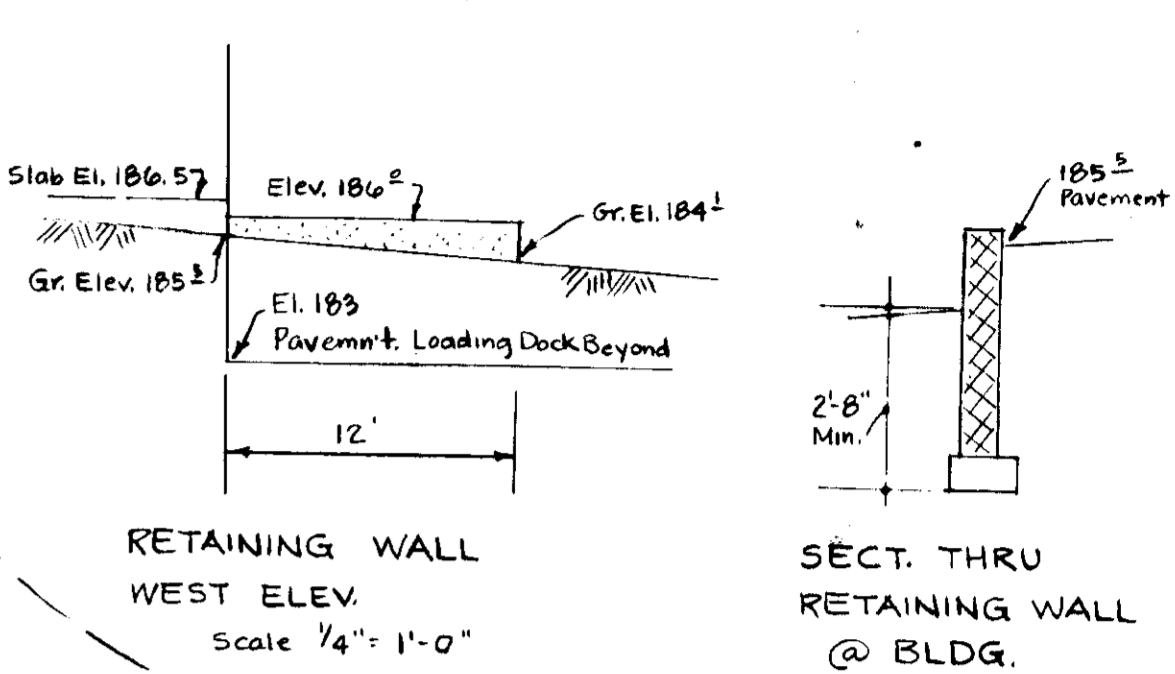
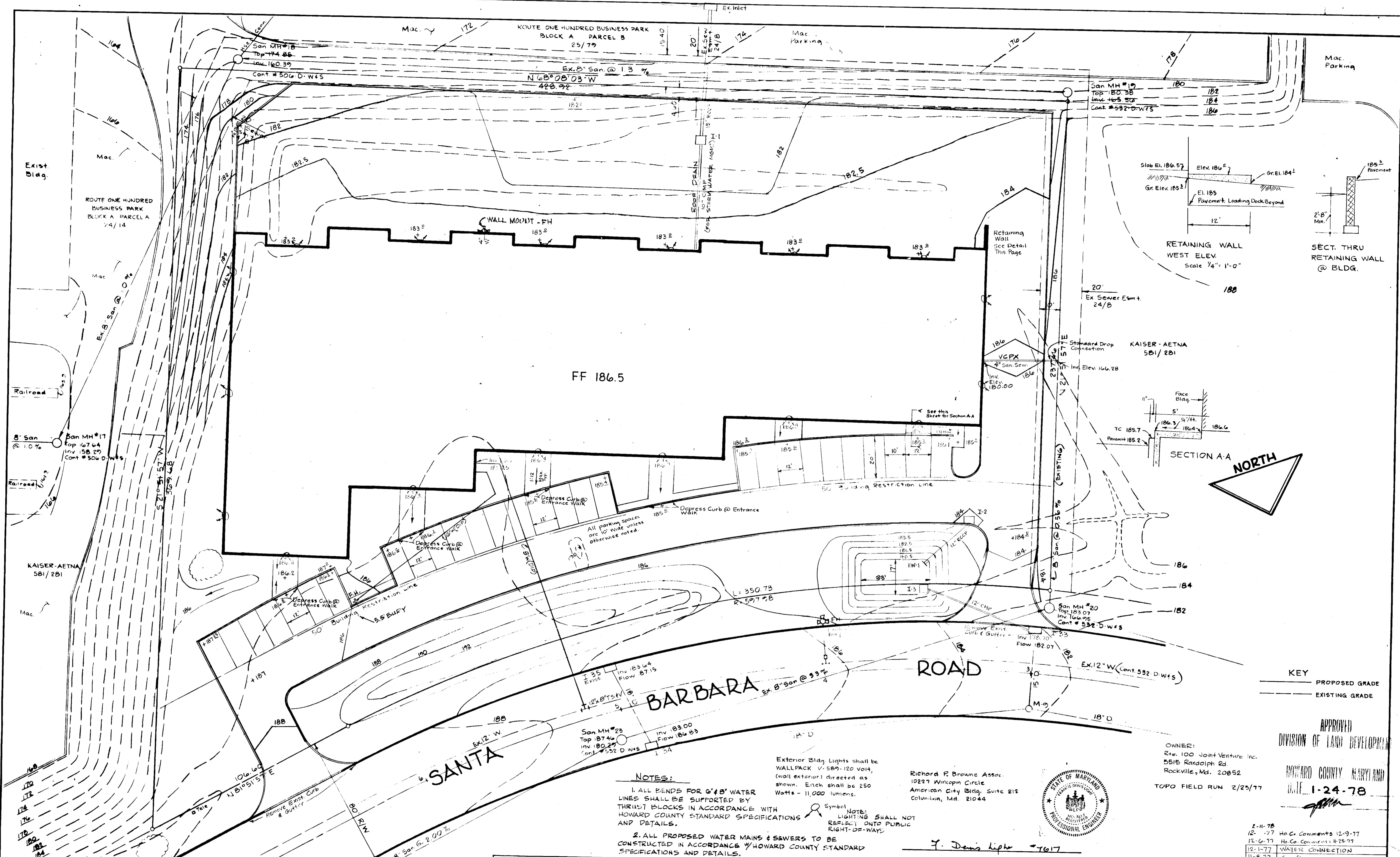
HOWARD COUNTY, MARYLAND
DATE 1-24-78

Richard P. Browne Assoc.
10227 Wincopin Circle
American City Bldg., Suite 212
Columbia, Md. 21044



Note:
Lighting as shown on Sht. 2 of 5
Shall Not reflect onto public
right-of-way.

| | | | | | |
|--|---|--|--|--|---|
| APPROVED: For Public Water and Public Sewerage Systems Howard County Health Dept. <i>Joyful Bryden</i> 3-30-78 Date | APPROVED: HOWARD COUNTY OFFICE PLANNING and ZONING <i>Thomas J. Harney</i> 4-3-78 Planning Director Date | APPROVED: For Public Water, Public Sewerage and Storm Drainage Systems and Roads Howard County Dept. of Public Works <i>W. J. Leggett</i> 3-23-78 Director Date | APPROVED: For Public Water, Public Sewerage and Storm Drainage Systems and Roads Howard County Dept. of Public Works <i>W. J. Leggett</i> 3-22-78 Director Date | rbra richard p. browne associates professional design & planning consultants wayne, new jersey • columbia, maryland DRAWN GT, MK CHKD. SHEET 1 OF 5 | SITE PLAN ROUTE ONE HUNDRED BUSINESS PARK BLOCK A PARCEL D TAX MAP 37 2.73 Ac. RECORDING REF. NO. 26/1 1ST ELECTION DISTRICT HOWARD COUNTY, MD. SCALE 1" = 20' DATE 6-6-77 PROJECT NO. 4190 |
|--|---|--|--|--|---|



KEY
 - - - - - PROPOSED GRADE
 _____ EXISTING GRADE

APPROVED
 DIVISION OF LAND DEVELOPMENT
 HOWARD COUNTY, MARYLAND
 DATE 1-24-78

OWNER:
 Rte. 100 Joint Venture Inc.
 5515 Randolph Rd
 Rockville, Md. 20852
 TOPO FIELD RUN 2/25/77

2-11-78
 12-1-77 Ho. Co. Comments 12-9-77
 12-6-77 Ho. Co. Comments 11-25-77
 12-1-77 WATER CONNECTION
 11-8-77 Gen. Rev.
 7/25/77 GRADING REV. ON ISLAND

NOTES:
 1. ALL BENDS FOR 6" & 8" WATER LINES SHALL BE SUPPORTED BY THURST BLOCKS IN ACCORDANCE WITH HOWARD COUNTY STANDARD SPECIFICATIONS AND DETAILS.
 2. ALL PROPOSED WATER MAINS & SEWERS TO BE CONSTRUCTED IN ACCORDANCE WITH HOWARD COUNTY STANDARD SPECIFICATIONS AND DETAILS.

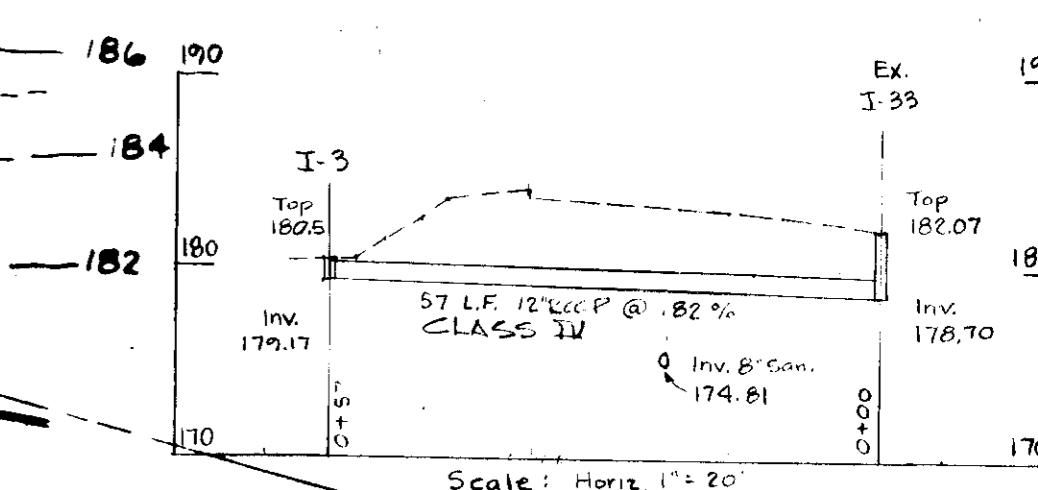
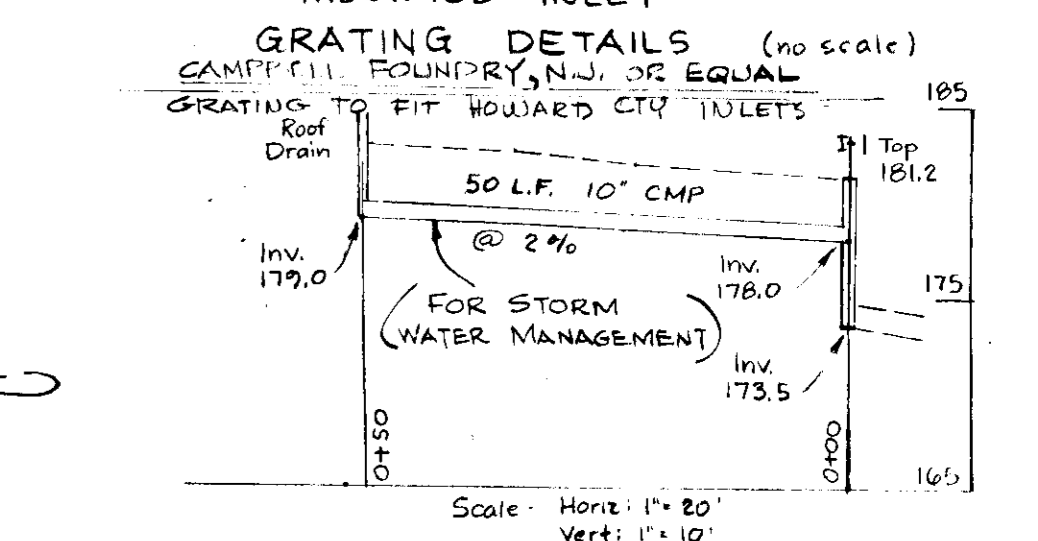
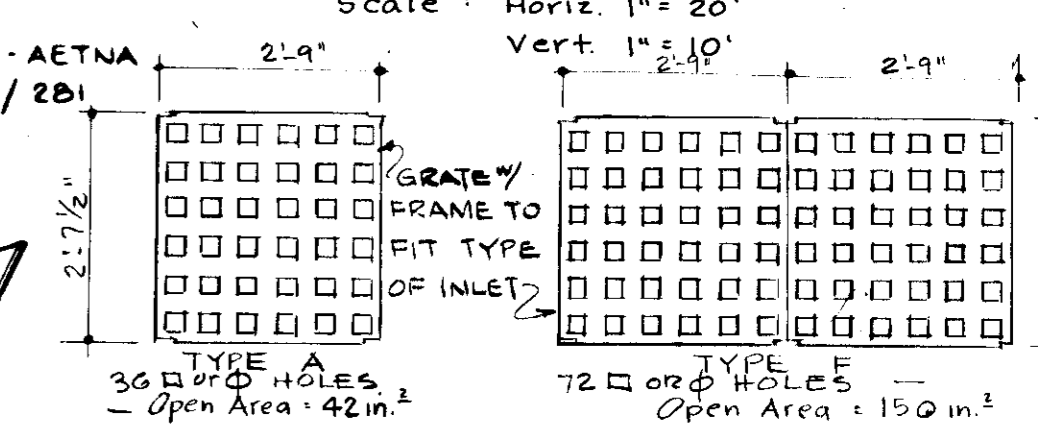
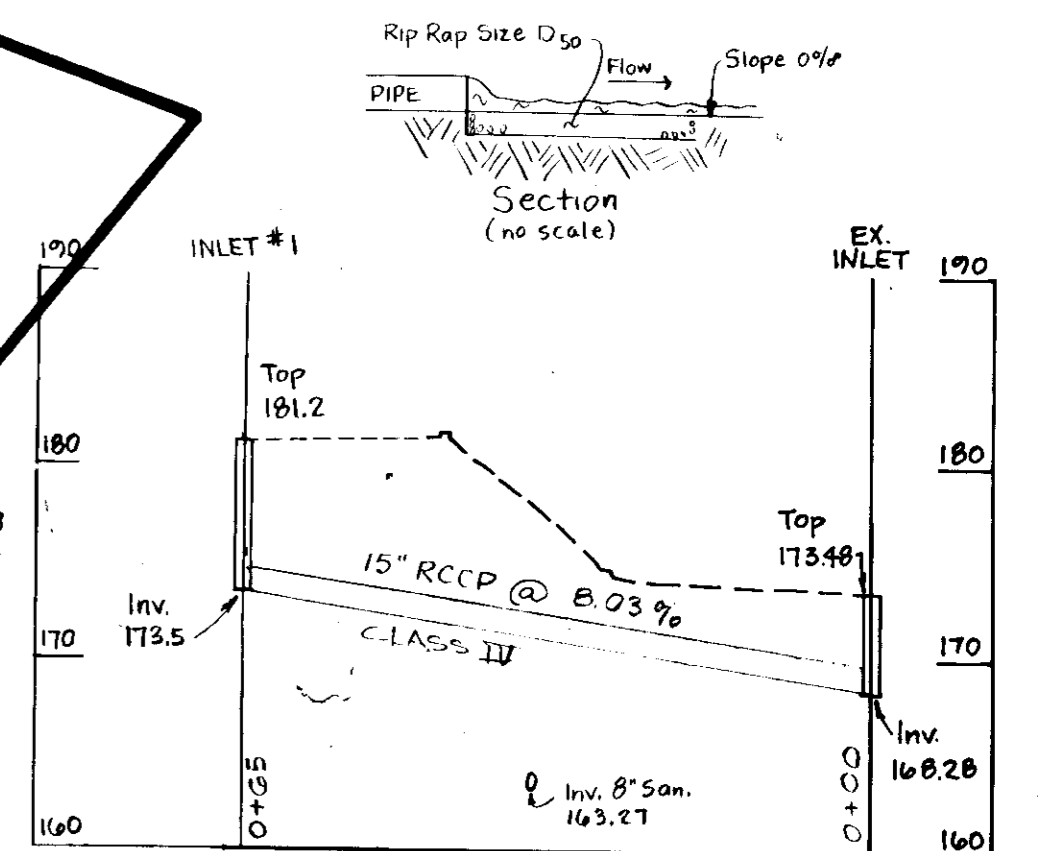
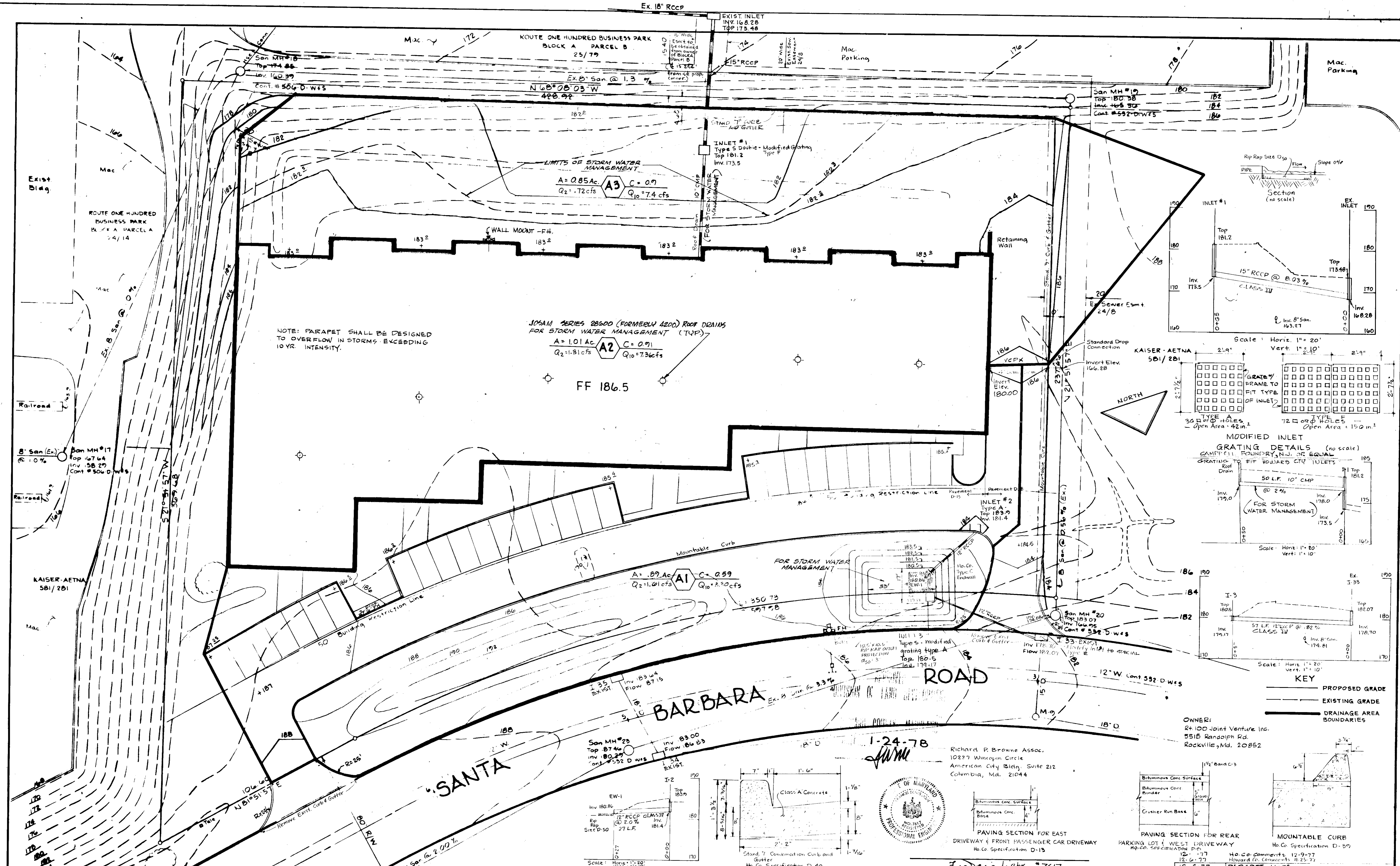
Exterior Bldg Lights shall be WALLPACK V-589, 120 volt, (wall exterior) directed as shown. Each shall be 250 Watts - 11,000 lumens.

NOTE: LIGHTING SHALL NOT REFLECT ONTO PUBLIC RIGHT-OF-WAYS

Richard P. Browne Assoc.
 10227 Winkcap Circle
 American City Bldg, Suite 212
 Columbia, Md. 21044

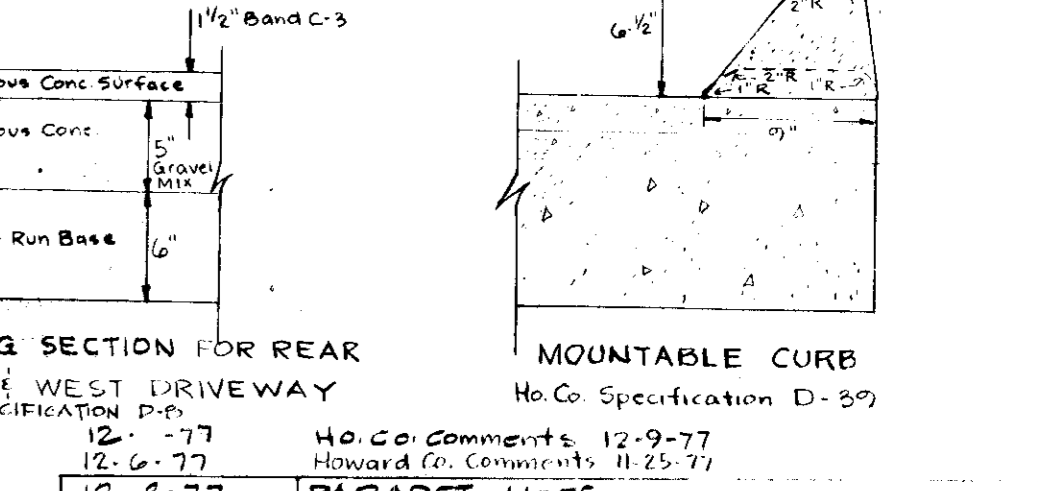
7. Denis Light 7-617

| | | | | |
|--|---|--|--|---|
| APPROVED: For Public Water and Public Sewerage Systems. Howard County Health Dept. <i>Joyce Brydus</i> 3-30-78 County Health Officer Date | APPROVED: Howard County Office of Planning and Zoning. <i>Donald Harris</i> 4-3-78 Planning Director Date | APPROVED: For Public Water, Public Sewerage and Storm Drainage Systems and Roads. Howard County Dept. of Public Works <i>William J. ...</i> 3-22-78 Director Date | | GRADING & UTILITIES ROUTE ONE HUNDRED BUSINESS PARK BLOCK A PARCEL D TAX MAP 37 1ST ELECTION DISTRICT RECORDING REF NO. 24/1 HOWARD COUNTY, MD. SCALE 1" = 20' DATE 6-6-77 PROJECT NO. 4190 |
|--|---|--|--|---|



KEY
 - - - - - PROPOSED GRADE
 _____ EXISTING GRADE
 _____ DRAINAGE AREA BOUNDARIES

OWNER:
 R+100 Joint Venture Inc.
 5515 Randolph Rd.
 Rockville, Md. 20852



| DATE | REVISION |
|---------|---------------------|
| 12-2-77 | PARAPET NOTE |
| 12-9-77 | HOWARD CO. COMMENTS |
| 12-2-77 | HOWARD CO. COMMENTS |

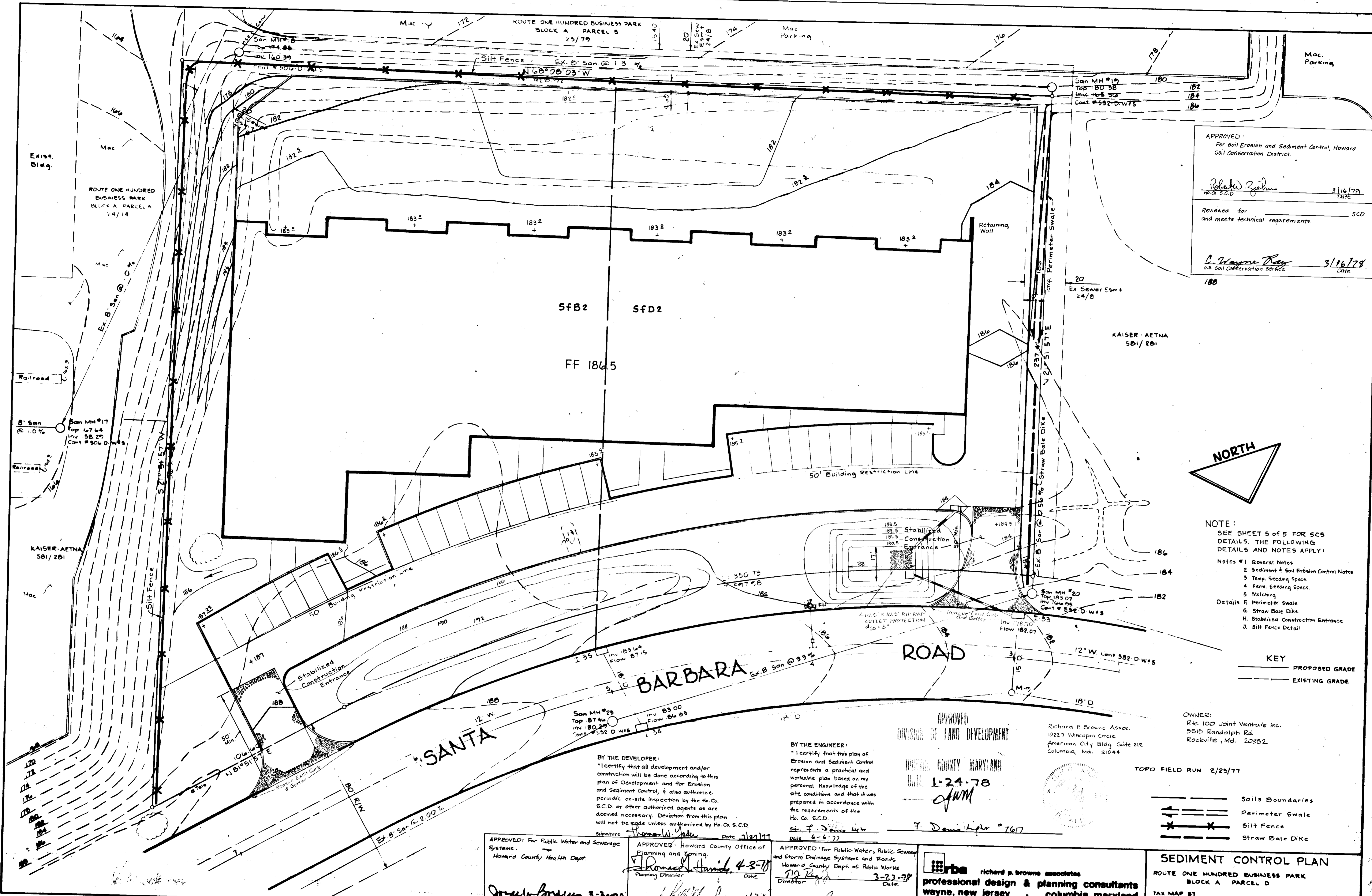
APPROVED: For Public Water and Public Sewerage Systems
 Howard County Health Dept.
Joyce Boyles 3-30-78
 County Health Officer Date

APPROVED: Howard County Office of Planning and Zoning
Thomas H. Hines 4-3-78
 Planning Director Date

APPROVED: For Public Water, Public Sewerage & Storm Drainage System of Roads
 Howard County Dept. of Public Works
W. O. Lambert 3-22-78
 Director Date

Richard P. Browne Associates
 professional design & planning consultants
 wayne, new jersey . columbia, maryland
 Richard P. Browne Assoc.
 10277 Wincopin Circle
 American City Bldg. Suite 212
 Columbia, Md. 21044

DRAINAGE PLAN
 ROUTE ONE HUNDRED BUSINESS PARK
 BLOCK A PARCEL D
 TAX MAP 87
 1ST ELECTION DISTRICT
 RECORDING REF. NO. 26/1
 HOWARD COUNTY, MD.
 SCALE 1"=20'
 DATE 6-6-77
 PROJECT NO. 4190

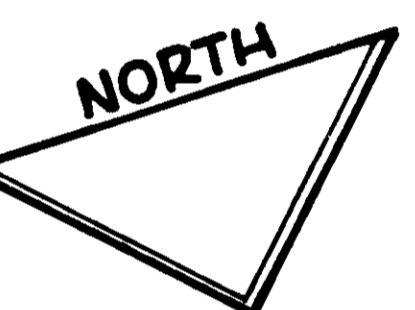


APPROVED:
For Soil Erosion and Sediment Control, Howard
Soil Conservation District.

Robert Zahn 3/16/78
10/2 S.C.D. Date

Reviewed for
and meets technical requirements.

C. Wayne Ray 3/16/78
10/2 S.C.D. Date



NOTE:
SEE SHEET 5 OF 5 FOR SCS
DETAILS. THE FOLLOWING
DETAILS AND NOTES APPLY:

Notes #1 General Notes
2 Sediment & Soil Erosion Control Notes
3 Temp. Seeding Specs.
4 Perm. Seeding Specs.
5 Mulching
Details F. Perimeter Swale
G. Straw Bale Dike
H. Stabilized Construction Entrance
J. Silt Fence Detail

KEY
— PROPOSED GRADE
--- EXISTING GRADE

OWNER:
Rte. 100 Joint Venture Inc.
5515 Randolph Rd.
Rockville, Md. 20852

TOPO FIELD RUN 2/20/77

BY THE ENGINEER:
"I certify that this plan of
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
Ho. Co. S.C.D.
Signature: *F. Dennis Kehr*
Date: 6-6-77

BY THE DEVELOPER:
"I certify that all development and/or
construction will be done according to this
plan of Development and for Erosion
and Sediment Control, & also authorize
periodic on-site inspection by the Ho. Co.
S.C.D. or other authorized agents as are
deemed necessary. Deviation from this plan
will not be made unless authorized by Ho. Co. S.C.D.
Signature: *Thomas W. Zahn*
Date: 2/21/77

APPROVED
DIVISION OF LAND DEVELOPMENT

HOWARD COUNTY MARYLAND
DATE: 1-24-78
AWM

F. Dennis Kehr 7617

APPROVED: For Public Water and Sewerage
Systems.
Howard County Health Dept.
Joseph P. Brown 3-30-78
Date

APPROVED: Howard County Office of
Planning and Zoning.
Thomas W. Zahn 4-3-78
Date

APPROVED: For Public Water, Public Sewerage
and Storm Drainage Systems and Roads
Howard County Dept. of Public Works
W. J. ... 3-23-78
Date

Richard P. Brown Associates
professional design & planning consultants
WAYNE, NEW JERSEY • COLUMBIA, MARYLAND

SEDIMENT CONTROL PLAN
ROUTE ONE HUNDRED BUSINESS PARK
BLOCK A PARCEL B

TAX MAP 87
1ST ELECTION DISTRICT

RECORDING REF. NO. 24/1
HOWARD COUNTY, MD.

SCALE 1" = 20'
DATE 6-6-77
PROJECT NO. 4170

GENERAL NOTES:

1. Dimension Terraces (or Furrows) will be utilized to reduce slope lengths where possible, during land grading operations.
2. Permanent Vegetation will be established as rapidly as possible on all exposed faces of cuts and fills and other areas following grading operations.
3. Temporary Vegetation will be applied upon completion on rough grading on all other disturbed areas where such areas will not be built on within a period of ninety (90) days.
4. Storm Sewer inlets located below high silt producing areas will be protected by the use of adequate silt traps during construction.
5. All inlets shall be blocked with 1/2" plywood held in place with stone until all areas are stabilized. (see detail this sheet)

SEDIMENT AND SOIL EROSION CONTROL NOTES:

1. All Sediment Control Measures to be adjusted to meet field conditions at time of construction and be constructed prior to any grading or disturbance of existing surface material.
2. All Sediment Measures shall be undertaken in strict accordance with the approved plans and the criteria specifications approved by the Howard County Soil Conservation District (Ho Co SCD).
3. All Seeding on Sediment Control Facilities to be done in accordance with the Ho Co SCD, see Temporary Seeding Specs, this sheet Seeding to be done immediately upon construction.
4. Periodic inspection and maintenance of all Sediment Control Structures must be provided to insure the intended purpose is accomplished.
5. Contractor installing the above shall obtain and follow the Standards and Specifications for soil erosion in urbanizing areas, as distributed by the Ho Co SCD.
6. All Sediment Control Measures are to remain in place until permission for their removal has been obtained from the Ho Co SCD.
7. Notify the Ho Co SCD Office prior to starting any work. (202-2434)
8. On site inspection and maintenance of all Sediment Control Measures including cleanout of all Sediment Traps and Drains and proper establishment of all vegetation measures will be the responsibility of the Contractor or his representative on the site on a continuing day to day basis.

TEMPORARY SEEDING SPECIFICATIONS:

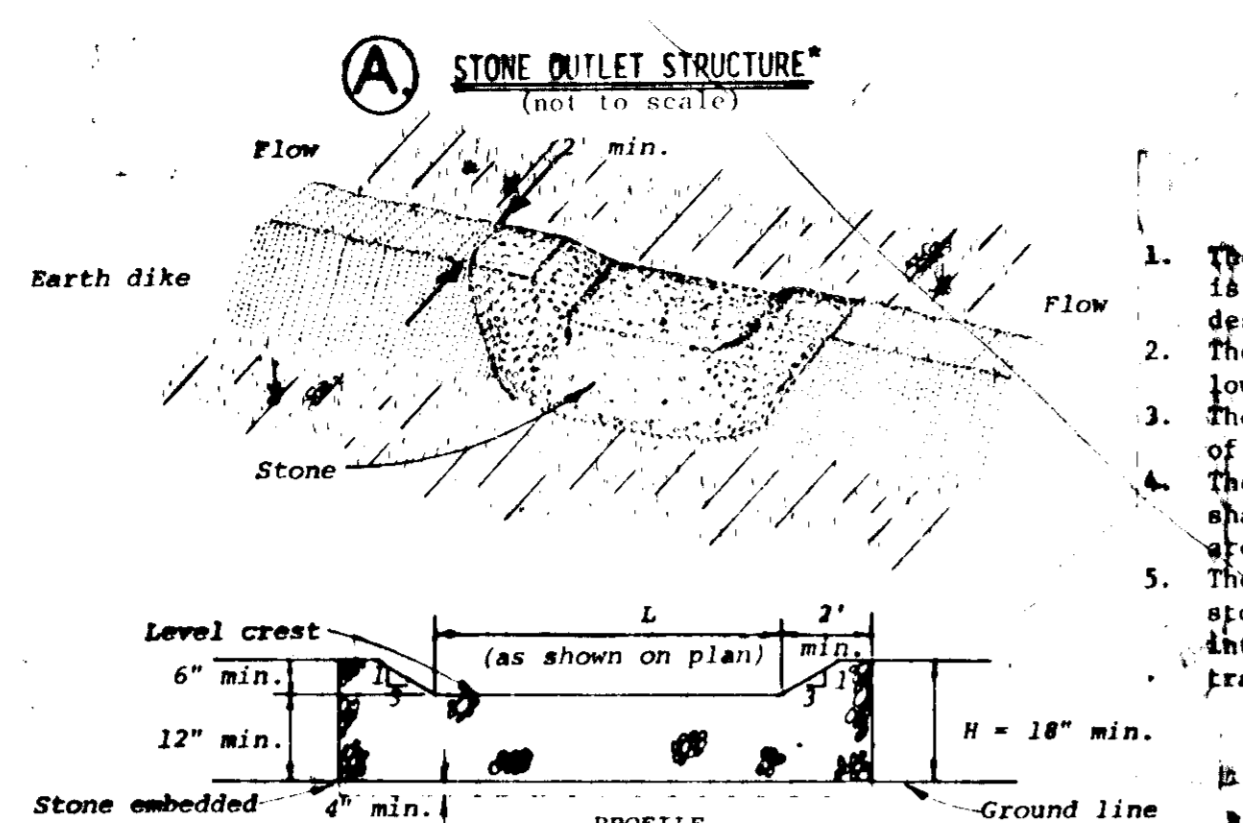
1. Apply ground agricultural limestone at the rate of two tons per acre.
2. Apply a minimum of 500 lbs. per acre of 10-20-10 or equivalent fertilizer.
3. Incorporate both lime and fertilizer into the top 3/4" of surface soil by disk or other suitable means.
4. Seed one of the following mixtures at the rate shown per acre: (August 1 to November 1)
 50 lbs. Italian rye grass or
 50 lbs. rye (small grain) or
 3 bu. winter oats
5. Mulch according to Mulching notes, this sheet.

PERMANENT SEEDING SPECIFICATIONS:

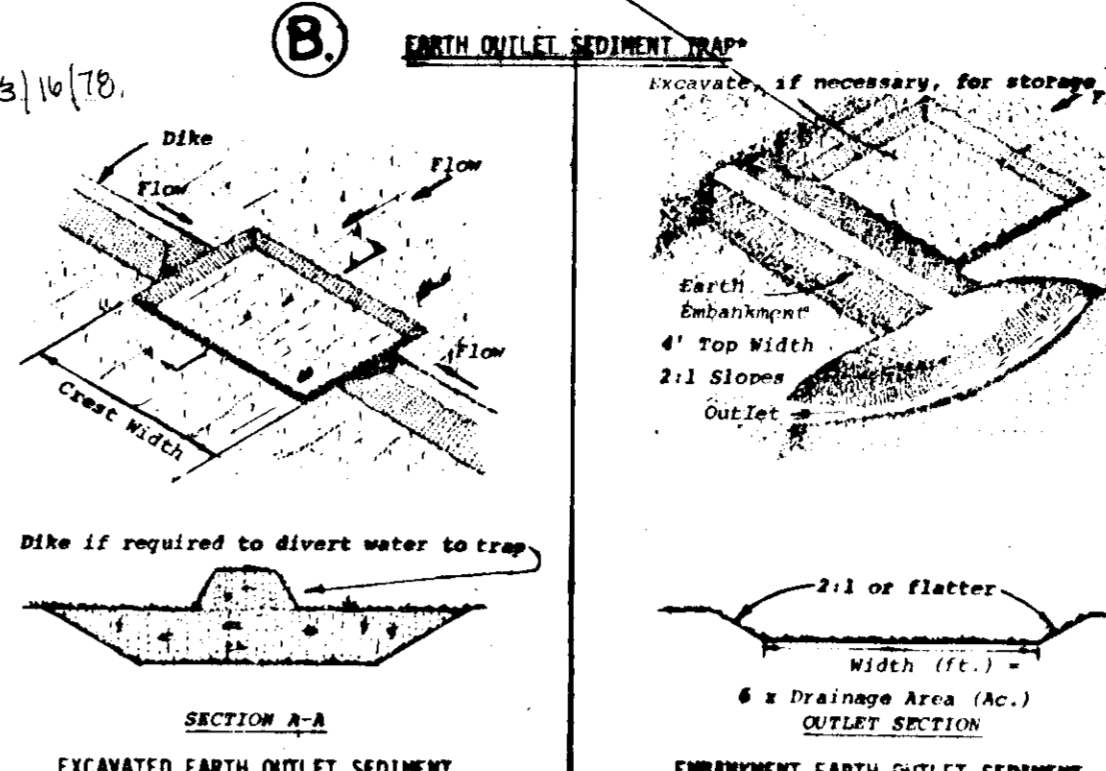
- Before seeding apply the following: 1000# Ground Agricultural Limestone
 1000# 5-10-10 Fertilizer
- Distribute into the soil to a depth of 2-3"
- Then seed the following mixture at the rate shown per acre:
 50 lbs. Kentucky 31 Tall Fescue
 15 lbs. Korean Lespedeza
- Mulch as stated under mulching rates, this sheet.
- Slopes flatter than 3:1 in lawns.
- Lime and Fertilizer as above.
- Incorporate as above.
- Seed to 60# Kentucky Blue Grass and 60# Red Fescue
- Mulch as above.

MULCHING:

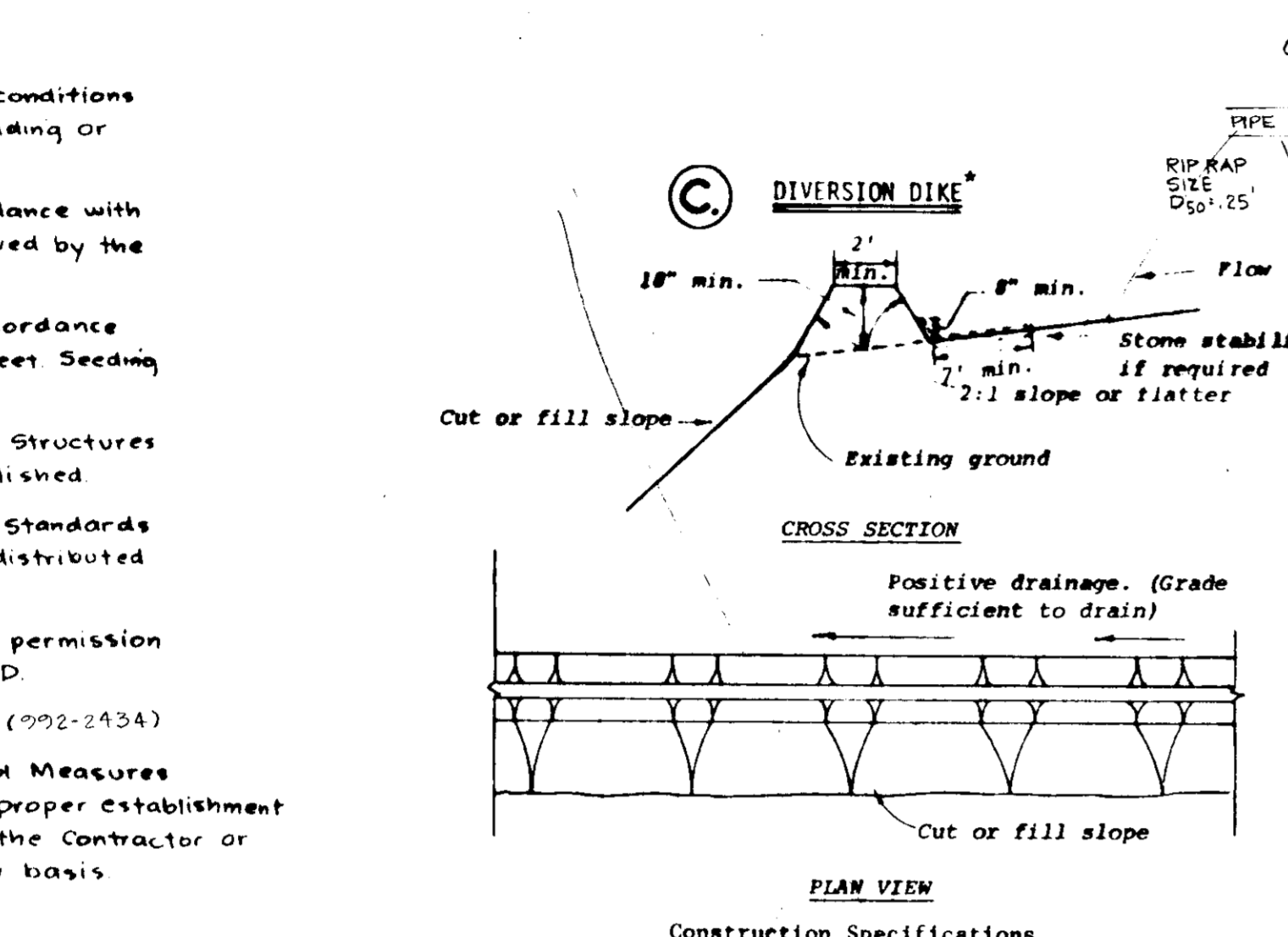
1. Mulch materials should be unweathered, unchopped small grain straw, spread at the rate of 1 1/2 to 2 tons per acre.
2. Spread uniformly by hand or mechanically so that at least 75% of the soil surface will be covered. For uniform distribution of hand spread mulch divide area into approx. 1,000 sq. ft. sections and place one bale approx. 100 lbs. of mulch for distribution within each section approx. 165-100 lb. bales will be required.



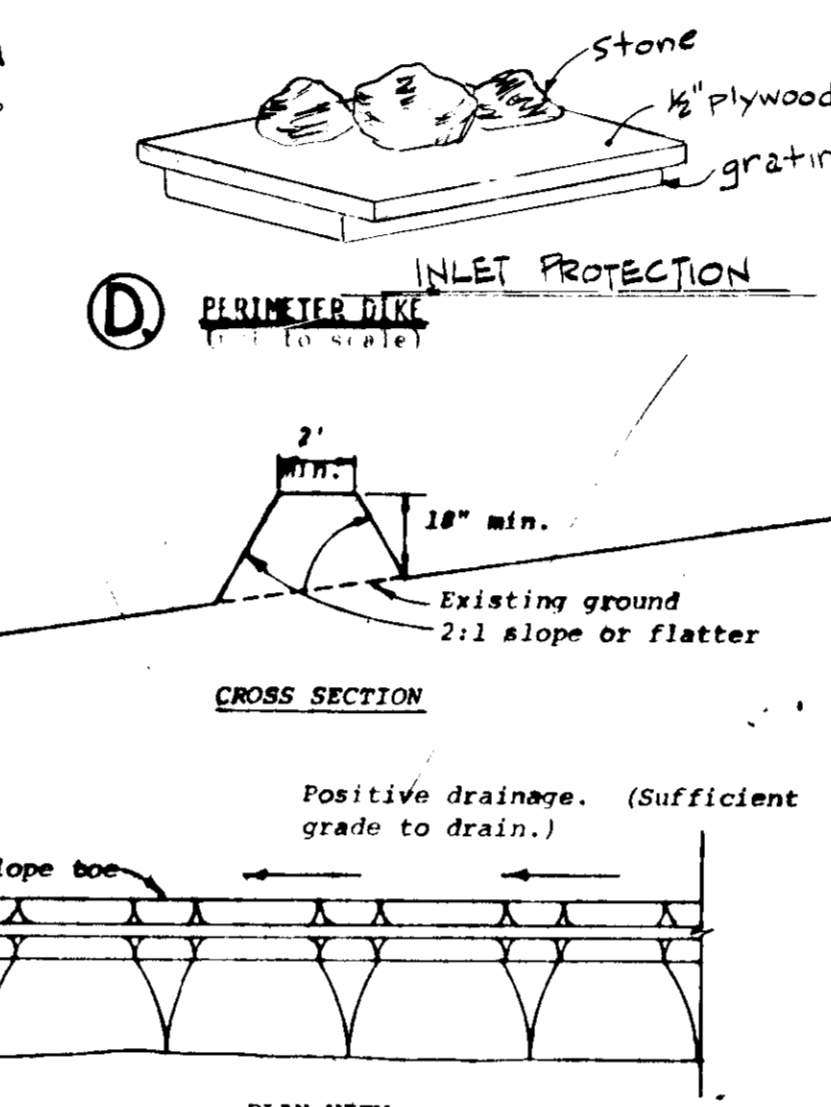
- Construction Specifications**
1. The stone shall be crushed stone. Gravel may be used if crushed stone is not available. The stone shall meet MSHA Size No. 2 or AASHTO designation M43 Size No. 2 or 24.
 2. The crest of the stone dike shall be at least six inches lower than the lowest elevation of the top of the earth dike and shall be level.
 3. The stone outlet structure shall be embedded into the soil a minimum of four inches.
 4. The minimum length, in feet, of the crest of the stone outlet structure shall be equal to six times the number of acres of contributing drainage area.
 5. The stone outlet structure shall be inspected after each rain, and the stone shall be replaced when the structure ceases to function as intended due to silt accumulation among the stone, washout, construction traffic damage, etc.
- * Drainage area less than 5 acres



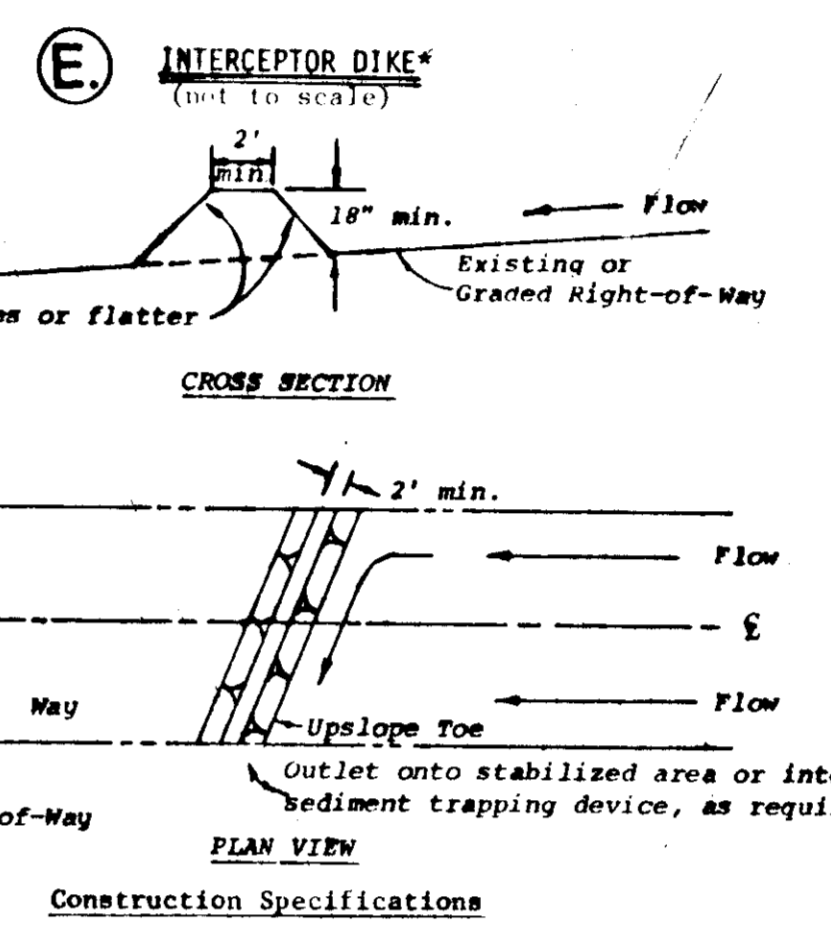
- Construction Specifications**
1. Area under embankment shall be cleared, grubbed and stripped of any vegetation and rock. The pool area shall be cleared.
 2. The fill material for the embankment shall be free of roots or other woody vegetation as well as oversized stones, rocks, organic material, or 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 are minimized.
 6. The structure shall be removed and area stabilized when the drainage area has been properly stabilized.
 7. All cut and fill slopes shall be 2:1 or flatter.
 8. Outlet crest elevation shall be at least one foot below the top of the embankment.
- * Drainage area less than 5 acres



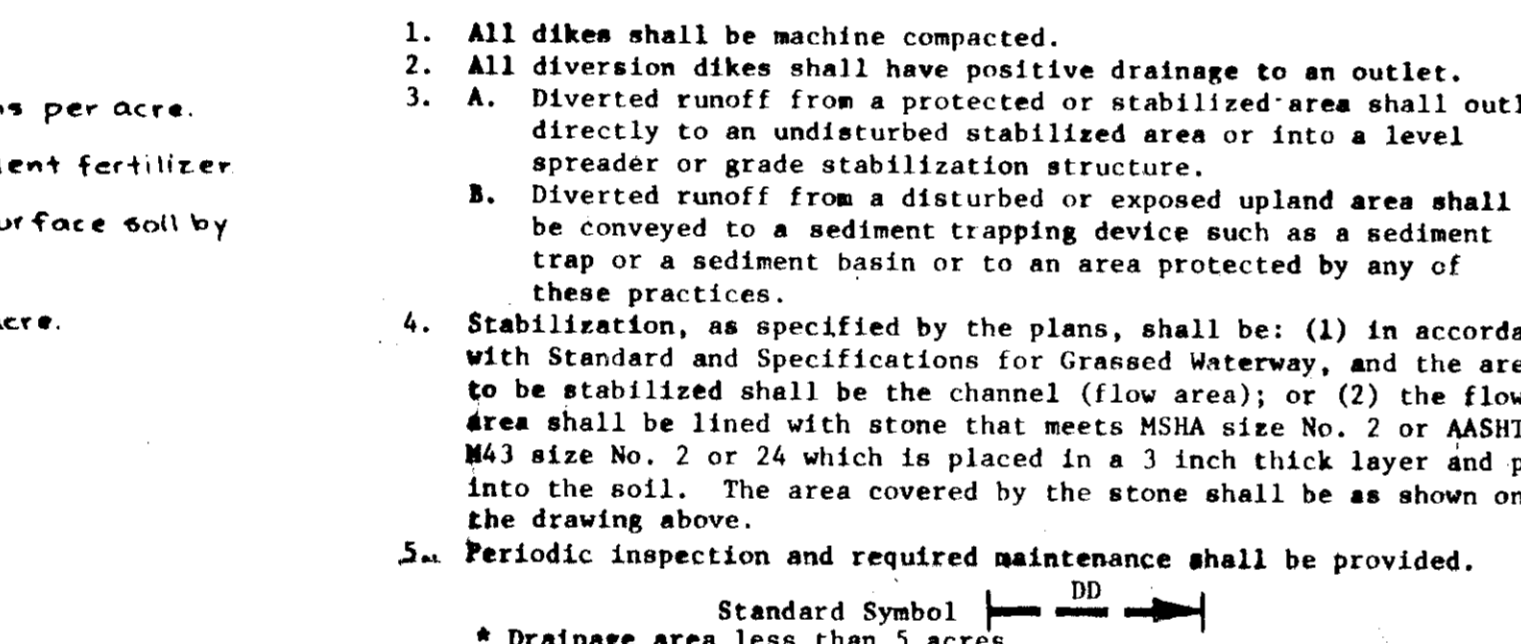
- Construction Specifications**
1. All dikes shall be machine compacted.
 2. All diversion dikes shall have positive drainage to an outlet.
 3. A. Diverted runoff from a protected or stabilized area shall outlet directly to an undisturbed stabilized area or into a level spreader or grade stabilization 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.
- * Drainage area less than 5 acres



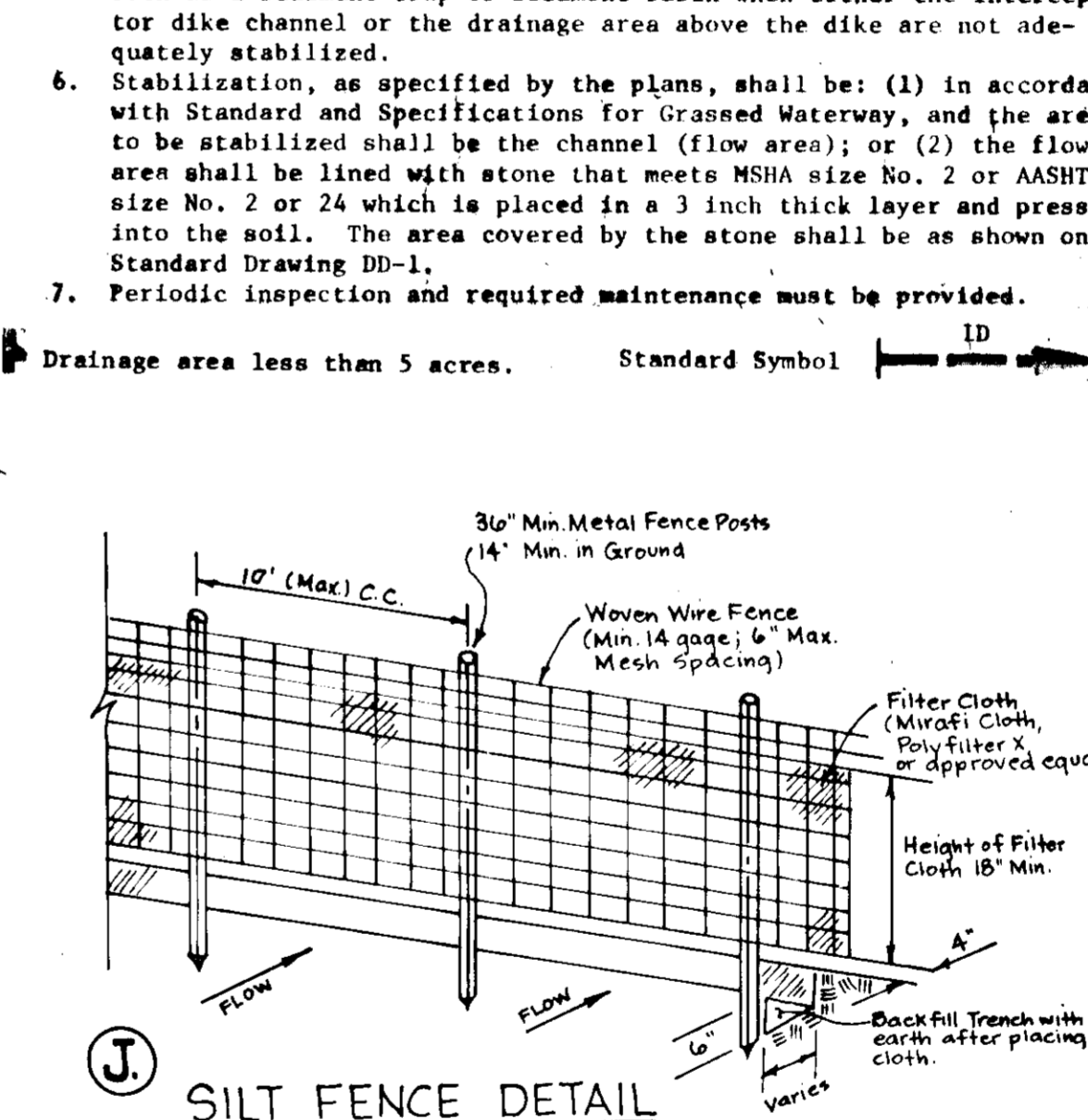
- Construction Specifications**
1. All dikes shall be machine compacted.
 2. All perimeter dikes shall have positive drainage to an outlet.
 3. A. Diverted runoff from a protected or stabilized upland area shall outlet directly onto an undisturbed stabilized area or into a level spreader or grade stabilization structure.
 B. Diverted runoff from a disturbed or exposed upland area shall be conveyed to a sediment trapping device such as sediment trap or a sediment basin or to an area protected by any of these practices.
 4. Stabilization, when required, shall be done in accordance with Standard and Specifications for Grassed Waterway. The minimum area to be stabilized shall be the channel flow area.
 5. Periodic inspection and required maintenance shall be provided.
- * Drainage area less than 5 acres



- Construction Specifications**
1. All trees, brush, stumps, obstructions, and other objectionable material shall be removed and disposed of so as not to interfere with the proper functioning of the swale.
 2. The swale shall be excavated or shaped to line, grade, and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow.
 3. Fills shall be compacted as needed to prevent unequal settlement that would cause damage in the completed swale.
 4. All earth removed and not needed in construction shall be spread or disposed of so that it will not interfere with the functioning of the swale.
 5. Perimeter swales shall have a minimum grade of one percent and the bottom shall be level.
 6. A. Diverted runoff from a protected or stabilized upland area shall outlet directly onto an undisturbed stabilized area, level spreader or into a 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 within an area protected by any of these practices.
 7. Stabilization shall be: (1) in accordance with the Standard and Specifications for Grassed Waterway; or (2) by lining the flow area with stone that meets MSHA size No. 2 or AASHTO M43 size No. 2 or 24 in a layer at least 3 inches in thickness and pressed into soil. The lining shall extend across the bottom and up both sides of the channel a height of at least 8 inches vertically above the bottom.
 8. Periodic inspection and required maintenance shall be provided.
- * Drainage area less than 5 acres



- 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.



- Construction Specifications**
1. All trees, brush, stumps, obstructions, and other objectionable material shall be removed and disposed of so as not to interfere with the proper functioning of the swale.
 2. The swale shall be excavated or shaped to line, grade, and cross section as required to meet the criteria specified herein and be free of bank projections or other irregularities which will impede normal flow.
 3. Fills shall be compacted as needed to prevent unequal settlement that would cause damage in the completed swale.
 4. All earth removed and not needed in construction shall be spread or disposed of so that it will not interfere with the functioning of the swale.
 5. Interceptor swales shall have a minimum grade of one percent and the bottom shall be level.
 6. An interceptor swale shall have an outlet that functions with a minimum of erosion.
 7. Runoff shall be conveyed to a sediment trapping device such as a sediment trap or sediment basin.
 8. The on-site location may need to be adjusted to meet field conditions in order to utilize the most suitable outlet.
 9. Stabilization shall be: (1) in accordance with the Standard and Specifications for Grassed Waterway; or (2) by lining the flow area with stone that meets MSHA size No. 2 or AASHTO M43 size No. 2 or 24 in a layer at least 3 inches in thickness and pressed into the soil. The lining shall extend across the bottom and up both sides of the channel a height of at least 8 inches vertically above the bottom.
 10. Periodic inspection and required maintenance shall be provided.

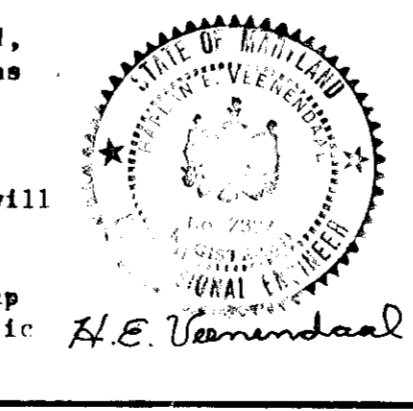
APPROVED: For Public Water and Public Sewerage Systems Howard County Health Dept.
 [Signature]
 Planning Director

APPROVED: Ho Co. Office of Planning and Zoning
 [Signature]
 Director

APPROVED: For Public Water, Public Sewerage & Storm Drainage Systems and Roads.
 Ho Co. Dept. of Public Works
 [Signature]
 Director

APPROVED: For Public Water, Public Sewerage & Storm Drainage Systems and Roads.
 Ho Co. Dept. of Public Works
 [Signature]
 Director

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 applied, dropped, washed or tracked onto public rights-of-way must be removed immediately.



Richard P. Browne Associates, Inc.
 1059 W. Winchester Ave.
 American City Plaza, Suite 212 Columbia, MD 21044
 richard p. browne associates
 professional design & planning consultants
 wayne, new jersey - columbia, maryland

DETAIL SHEET
 ROUTE ONE HUNDRED BUSINESS PARK
 BLOCK A PARCEL D
 TAX MAP 37 273 AC 1
 1ST ELECTION DISTRICT
 SCALE as shown DATE 6-27-77 RECORDING REF. No. 246/1
 HOWARD COUNTY, MD. PROJECT NO. 4190