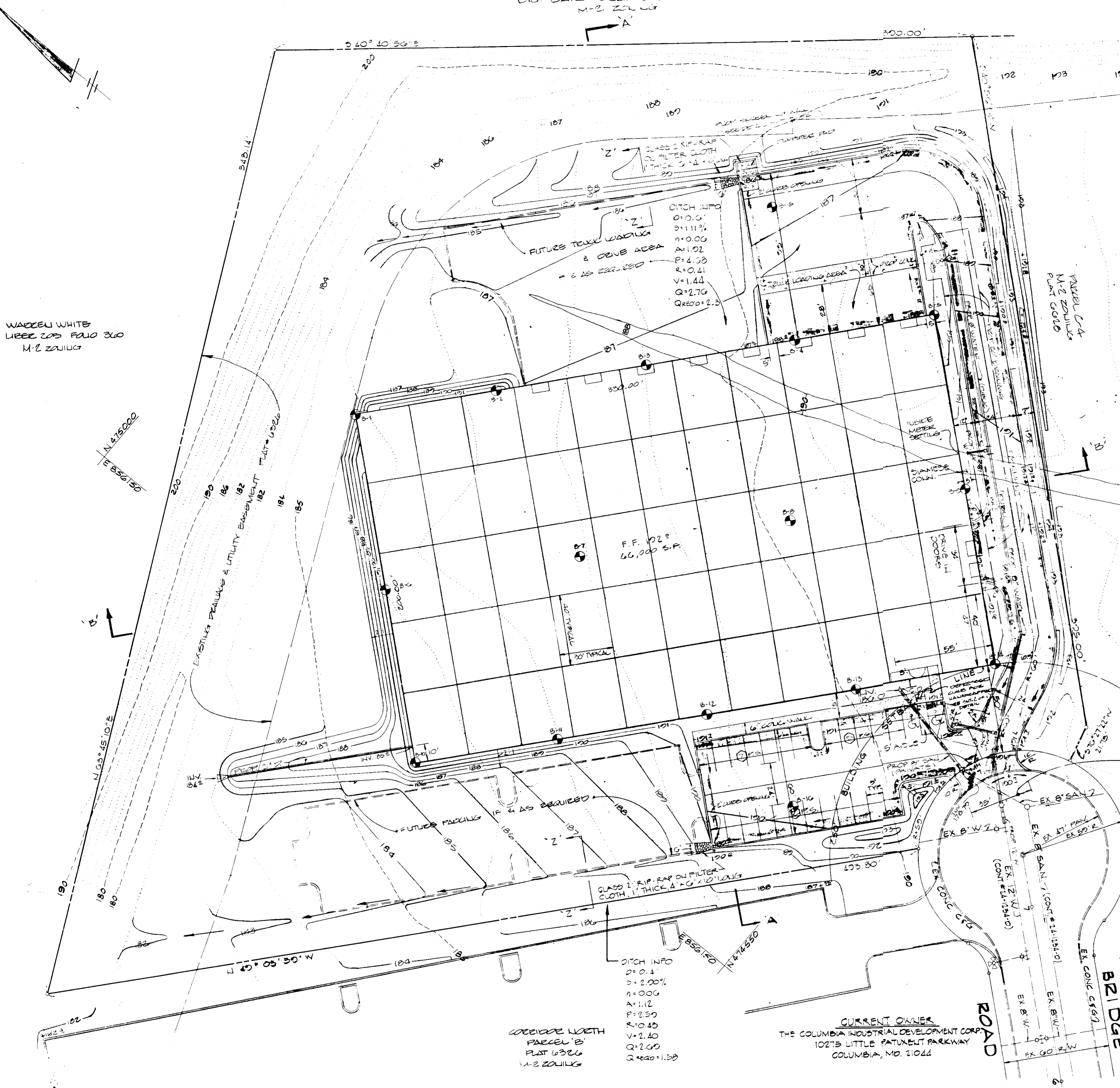
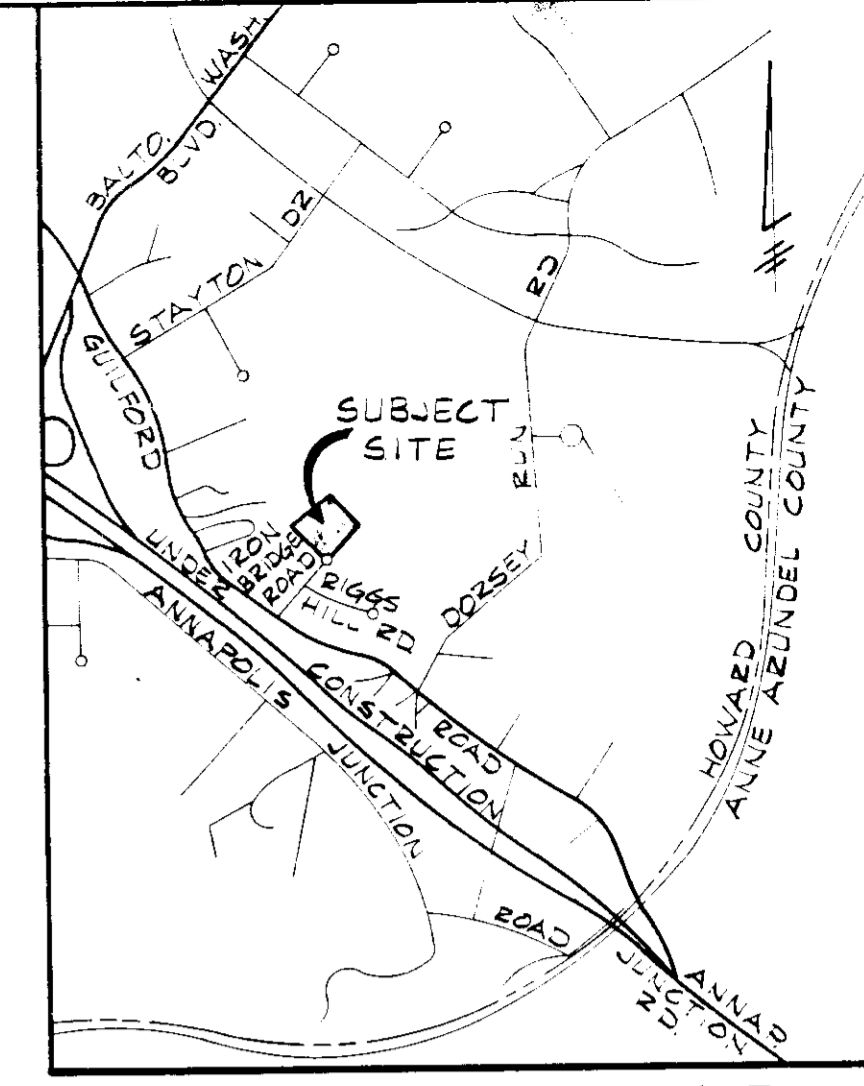


DIGI-DATA LIBER 550 FOLD 126
M-Z ZONING



SITE DATA

TOTAL AREA OF SITE	79,668 S.F. (2.30 AC.)
EXISTING ZONING	M-2
TOTAL FLOOR AREA	66,000 S.F.
EXISTING USE	VACANT
PROPOSED USE	OFFICE/WAREHOUSE
PARKING REQUIRED	127 SP.
OFFICE (3730 S.F. @ 300)	12 SP.
WAREHOUSE (32,270 S.F. @ 250)	125 SP.
TOTAL P.S. REQD.	137 SP.
PARKING PROVIDED	26 P.S.
(INCLUDED 2 HANDICAPPED P.S.)	
FLOOR AREA RATIO	1.515 : 5.303 : 10%
PROPERTY REFERENCE	0.78 / 7.0
% OPEN SPACE	3.22 : 5.303 : 60%
% BUILDING COVERAGE	1.515 : 5.303 : 28%
AREA TO BE DISTURBED	4.1 AC.
AREA TO BE VEGETATIVELY STABILIZED	1.85 AC.
BUILDING COVERAGE WITH PAVING	2.14 : 5.303 : 40%
AREA OF PARKING LOTS	18,200 S.F. (0.41 AC.)
AREA OF LANDSCAPED ISLANDS	486 S.F. (0.11 AC.)
% OF LANDSCAPED ISLANDS TO PARKING LOT	486 : 8,330 : 58%



VICINITY MAP
SCALE: 1" = 2000'

BENCH MARKS:

X-CUT #1	ELEV. 101.22	N 473, 093.70	E 236, 870.77
X-CUT #2	ELEV. 102.73	N 474, 413.70	E 236, 235.55
X-CUT #3	ELEV. 101.50	N 473, 093.70	E 236, 870.77
X-CUT #4	ELEV. 101.50	N 473, 093.70	E 236, 870.77

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY MARYLAND
DATE **5-21-86**

- GENERAL NOTES:**
- Maximum building height = 30'.
 - All areas not being paved or receiving building coverage shall be stabilized in accordance with the plans approved by the Howard Soil Conservation District.
 - Any damage to public rights-of-way and/or adjacent properties shall be repaired immediately at the contractor's expense.
 - The contractor shall maintain at least a 6" level bench behind all curb and gutter in fill areas.
 - The contractor shall verify all existing utilities to his own satisfaction before starting construction.
 - All slopes shall be 2:1 or flatter.
 - All work shall be done in accordance with Howard County Standard Specifications and details for Construction, or as shown on these plans.
 - The contractor shall notify the C & P Telephone Co. and the Gas and Electric Company five days prior to starting work shown on these plans by calling "Miss Utility". Call collect 1-800-400-0000.
 - For details of ramps and signs for the handicapped see the Maryland Building Code for the Handicapped and sign and as shown hereon.
 - The contractor shall maintain a minimum of 4' cover over all proposed water lines.
 - All rip-rap shall be placed on filter cloth.
 - The contractor or developer shall contact the Construction Inspection/Permit Division, 24 hours in advance of commencement of work at 892-2417 or 892-2418.
 - The contractor shall remove all existing paving, curb and gutter, etc. that may interfere with proposed construction.
 - All utilities installed shall receive full trench connection.
 - All water main tees, bands, caps, etc. shall be buttressed in accordance with Howard County Design requirements.

STORM WATER MANAGEMENT FOR THIS PARCEL IS PROVIDED BY THE CENTRAL S.W.M. FACILITY APPROVED IN SEPT. 1984 AS F-24-177

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature]
COUNTY HEALTH OFFICER
DATE: 6-10-86

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
[Signature]
DIRECTOR
DATE: 6-11-86
[Signature]
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
DATE: 6-11-86

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
[Signature]
DIRECTOR
DATE: 6-6-86
[Signature]
CHIEF BUREAU OF ENGINEERING
DATE: 6-5-86

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
[Signature]
THE UNITED STATES SOIL CONSERVATION SERVICE
DATE: 5-29-86

LEGEND

---	EXISTING GROUND
---	PROPOSED GRADE
---	EX. CURB & GUTTER
---	PROP. CURB & GUTTER
○	NO. OF PARKING SPACES
---	EX. SANITARY SEWER
---	PROP. SANITARY SEWER
---	PROP. STORM DRAIN
---	EX. WATER
---	PROPOSED WATER
○	HANDICAPPED PARKING
---	BUTTAKE PAVING
---	P-3 PAVING (TRUCK)
---	P-1 PAVING (CAR)
○	PROP. P.H.
○	BORINGS SHOWN THRU

(DATA ON SUBSURFACE EXPLORATION IS AVAILABLE ON REQUEST FROM THE OWNER.)

ADDRESS CHART

PARCEL NUMBER	STREET ADDRESS
C-3	10241 IRON BRIDGE ROAD

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
303 ALLEGHENY AVENUE
TOWSON, MARYLAND 21204
(301) 825-8120

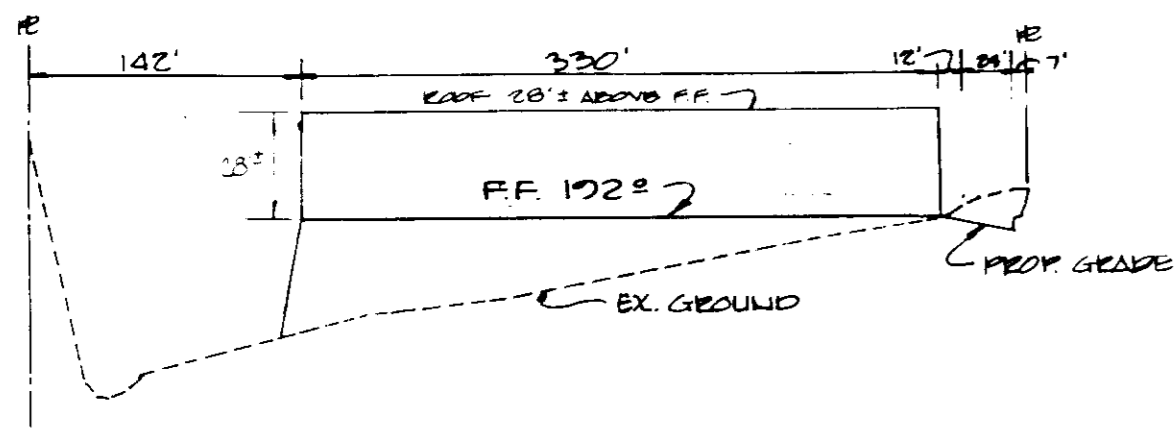
ENGINEER:
[Signature]
DATE: 5/21/86

CONTRACT PURCHASER / DEVELOPER
PIERCE-KNOTT LIMITED PARTNERSHIP
c/o JAMES F. KNOTT DEVELOPMENT CORP.
110 WEST ROAD
SUITE 203
TOWSON, MARYLAND 21204
(301) 321-6436

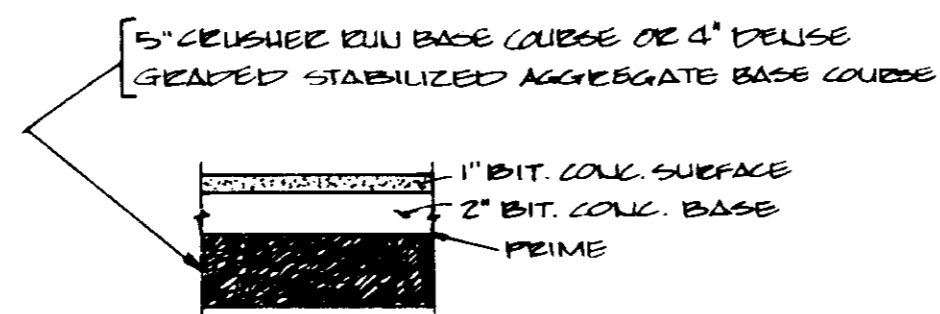
DEVELOPER:
[Signature]
DATE: 5/21/86

DESIGNED BY: B.F.
DRAWN BY: B.B.M.
CHECKED BY: J.J.S.
REVISIONS:

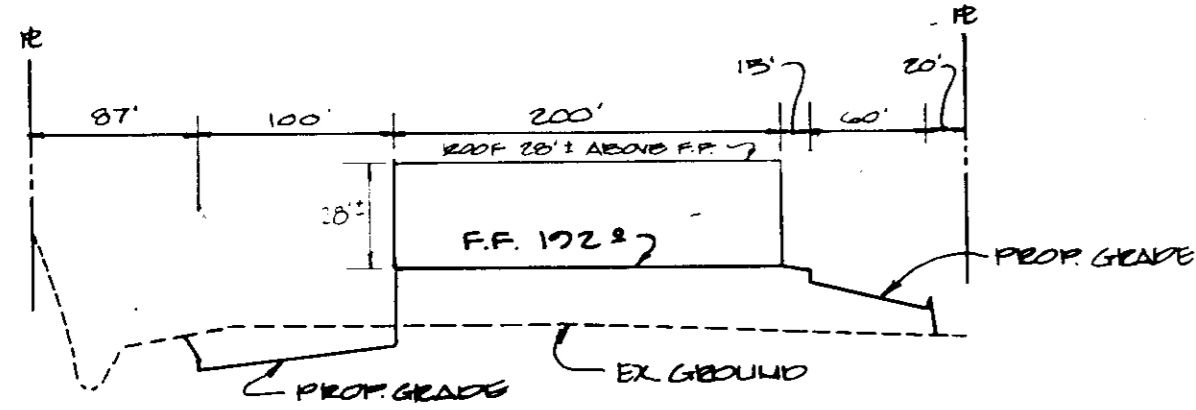
PIERCE ARCHIVES CORRIDOR NORTH
TAX MAP 48 PARCEL C-3
6TH ELECTION DIST.
HOWARD COUNTY, MARYLAND
SCALE: 1" = 30'
JAN. 28, 1986
SHEET 1 OF 5
SDP-86-174



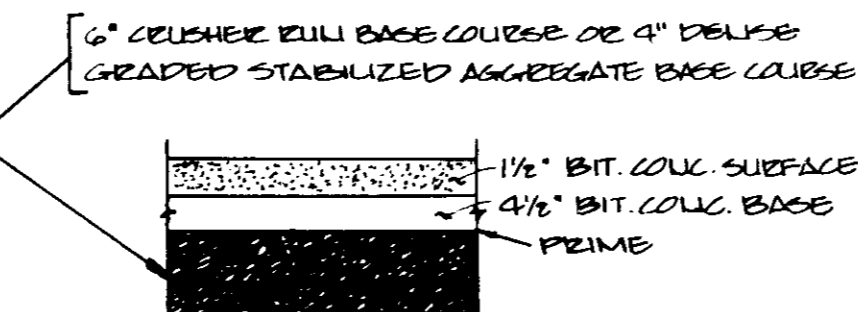
SECTION B-B
SCALE: HORIZ. 1"=100'
VERT. 1"=10'



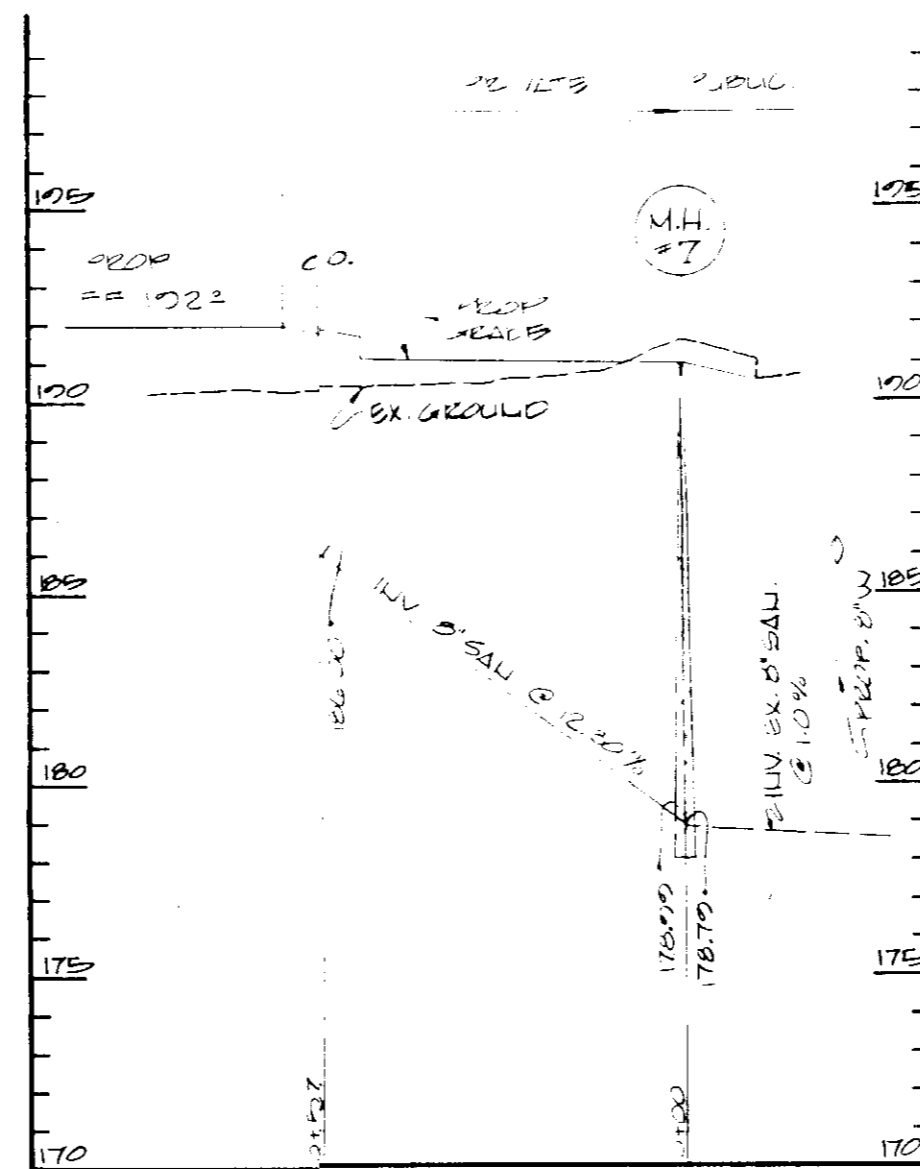
P.1 PAVING SECTION
HOWARD CO. STANDARD DETAIL P.1.1
(NOT TO SCALE)
SHOW THIS:



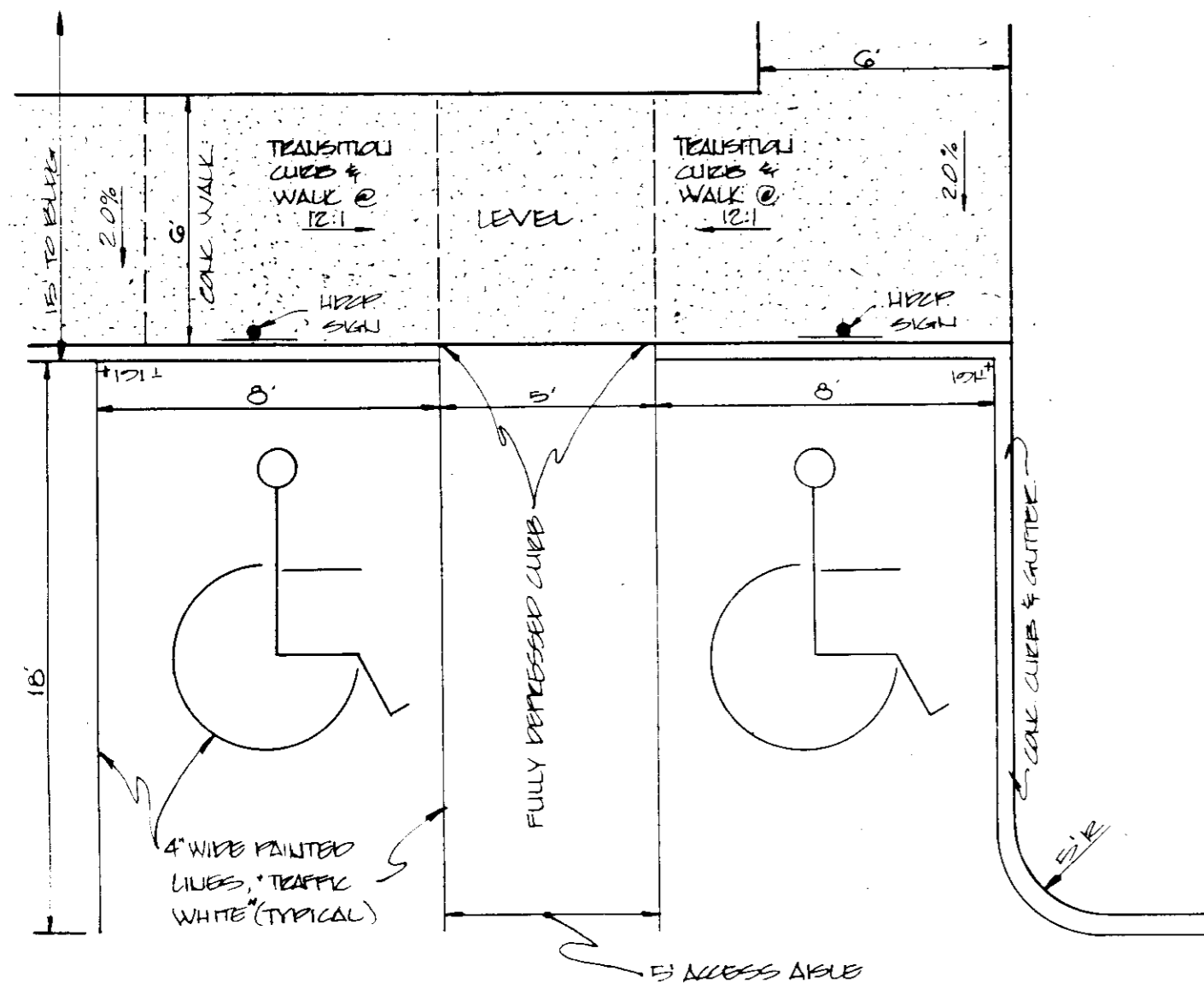
SECTION A-A
SCALE: HORIZ. 1"=100'
VERT. 1"=10'



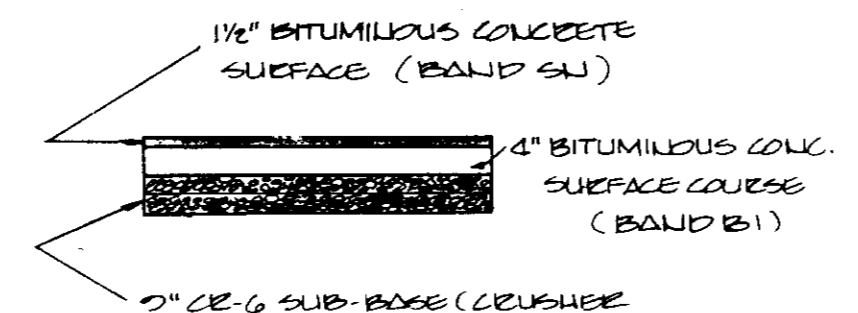
P.3 PAVING SECTION
HOWARD CO. STANDARD DETAIL P.3.1
(NOT TO SCALE)
SHOW THIS:



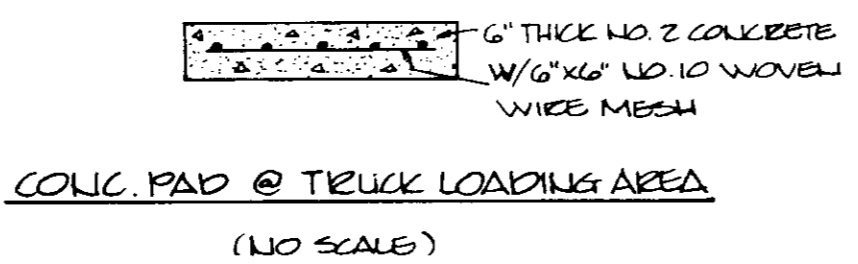
SANITARY PROFILES
SCALE: HORIZ. 1"=80'
VERT. 1"=5'



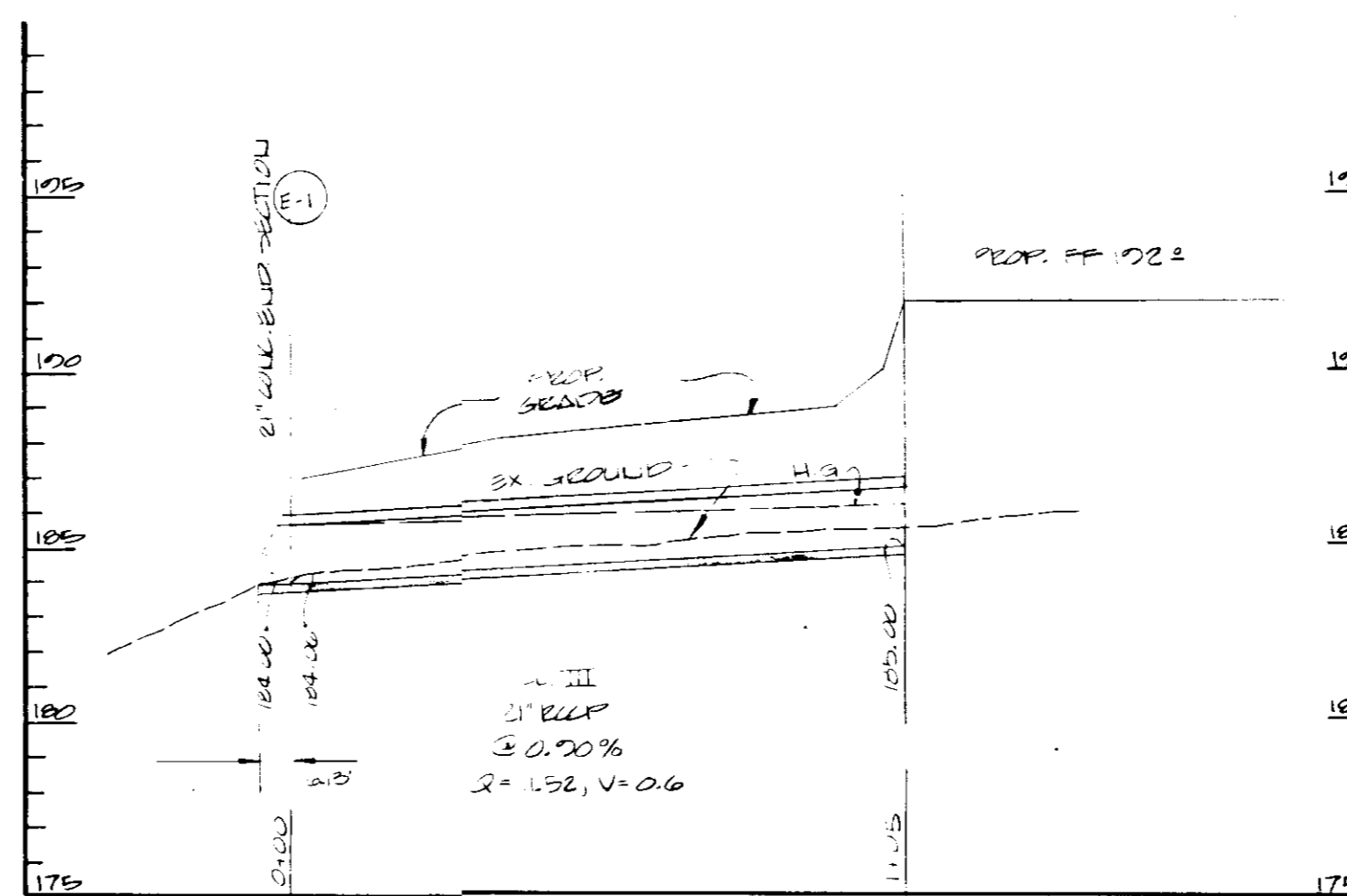
HANDICAPPED RAMP
DETAIL
(NO SCALE)



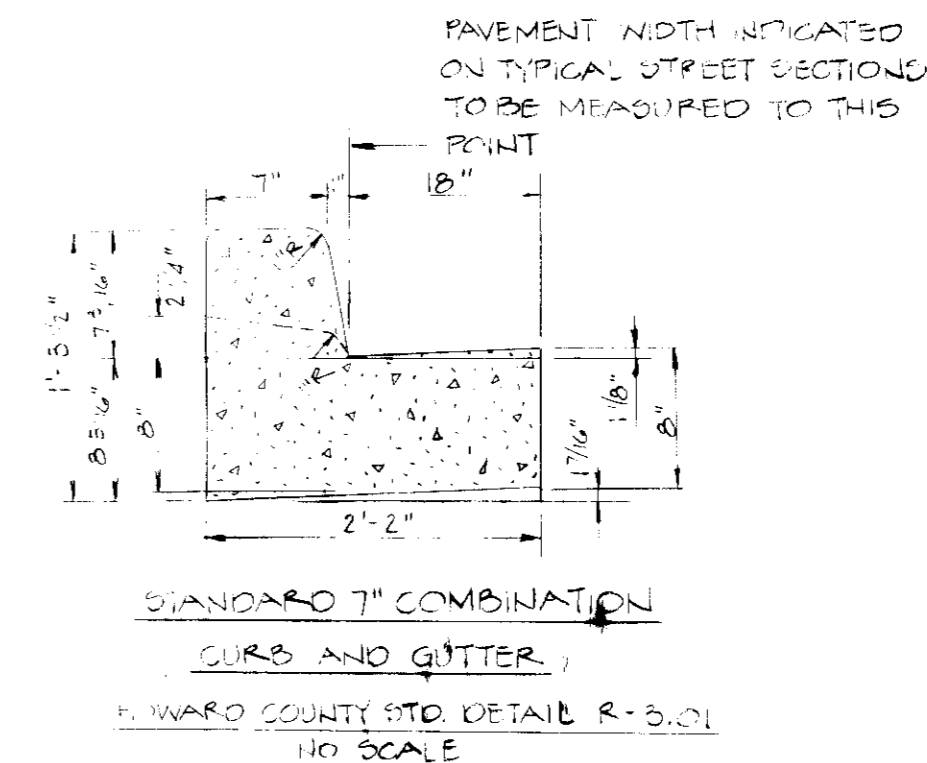
ENTRANCE PAVING SECTION
NOT TO SCALE
SHOW THIS:



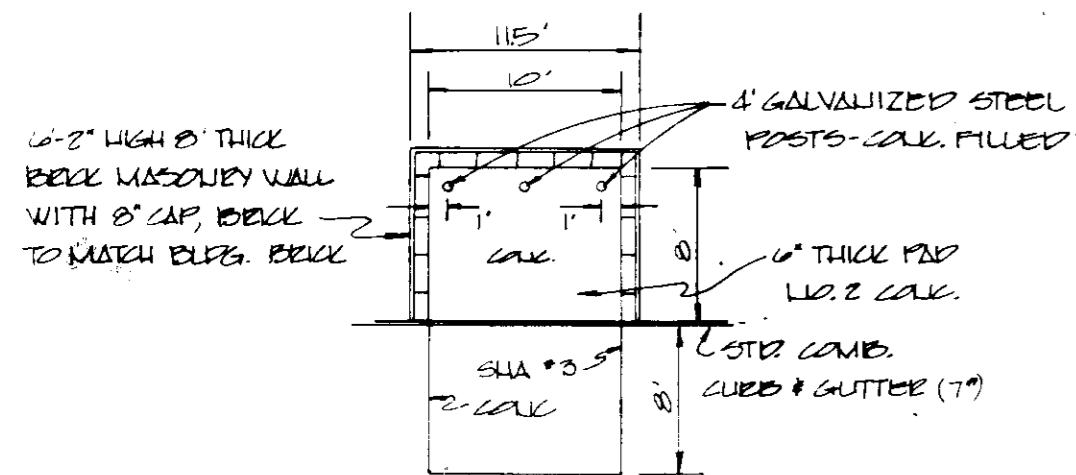
CONC. PAD @ TRUCK LOADING AREA
(NO SCALE)



STORM DRAIN PROFILE
SCALE: HORIZ. 1"=80'
VERT. 1"=5'



STANDARD 7" COMBINATION
CURB AND GUTTER
HOWARD COUNTY STD. DETAIL R-5.01
NO SCALE



DETAIL DUMPSTER SCREEN
(NO SCALE)



COLORS
GREEN - LEGEND
AND BORDER
WHITE SYMBOL
ON BLUE
BACKGROUND
WHITE -
BACKGROUND

STANDARD R7-8
RESERVE PARKING
SIGN



500 Fine Sign
Sign to utilize an aluminum blank 6" x 12" x 0.080 inch thick with two single post mounting holes.
The text and border shall be standard green to match that on R7-8 and the background shall be reflective white. Text shall be in 3" characters.
Sign shall be mounted directly below the standard R7-8 Reserved Parking for Handicapped sign. Its bottom edge shall be no less than 7 feet above ground. If the sign is placed against a building, structure, or other location where vehicle or pedestrian traffic is not obstructed the bottom edge of sign shall be at least 6 feet but not more than 10 feet above ground.

CURRENT OWNER
THE COLUMBIA INDUSTRIAL DEVELOPMENT CORP.
1027B LITTLE PATUXENT PARKWAY
COLUMBIA, MD. 21044

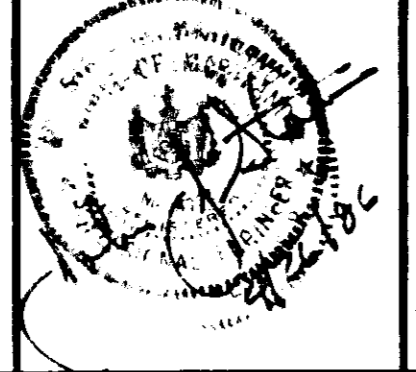
APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT
Thomas J. Harris
COUNTY HEALTH OFFICER
6-11-86
DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
Thomas J. Harris
DIRECTOR
John W. MacArthur
CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
6-11-86
DATE

APPROVED FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
John F. Nummy
DIRECTOR
James B. Ray
CHIEF OF BUREAU OF ENGINEERING
6-6-86
DATE

APPROVED
DIVISION OF LAND DEVELOPMENT &
ZONING ADMINISTRATION
HOWARD COUNTY, MARYLAND
DATE 5-21-86
MA

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
CIVIL ENGINEERS & LAND SURVEYORS
303 ALLEGHENY AVENUE
TOWSON, MARYLAND 21284
(301) 825-8120



ENGINEER:
SIGNATURE: _____ REG. NO. _____ DATE: _____

CONTRACT PURCHASER/DEVELOPER
PIERCE-KLOTZ LIMITED PARTNERSHIP
c/o JAMES F. KLOTZ DEVELOPMENT CORP.
110 WEST ROAD
SUITE 203
TOWSON, MD 21284
(301) 281-1426

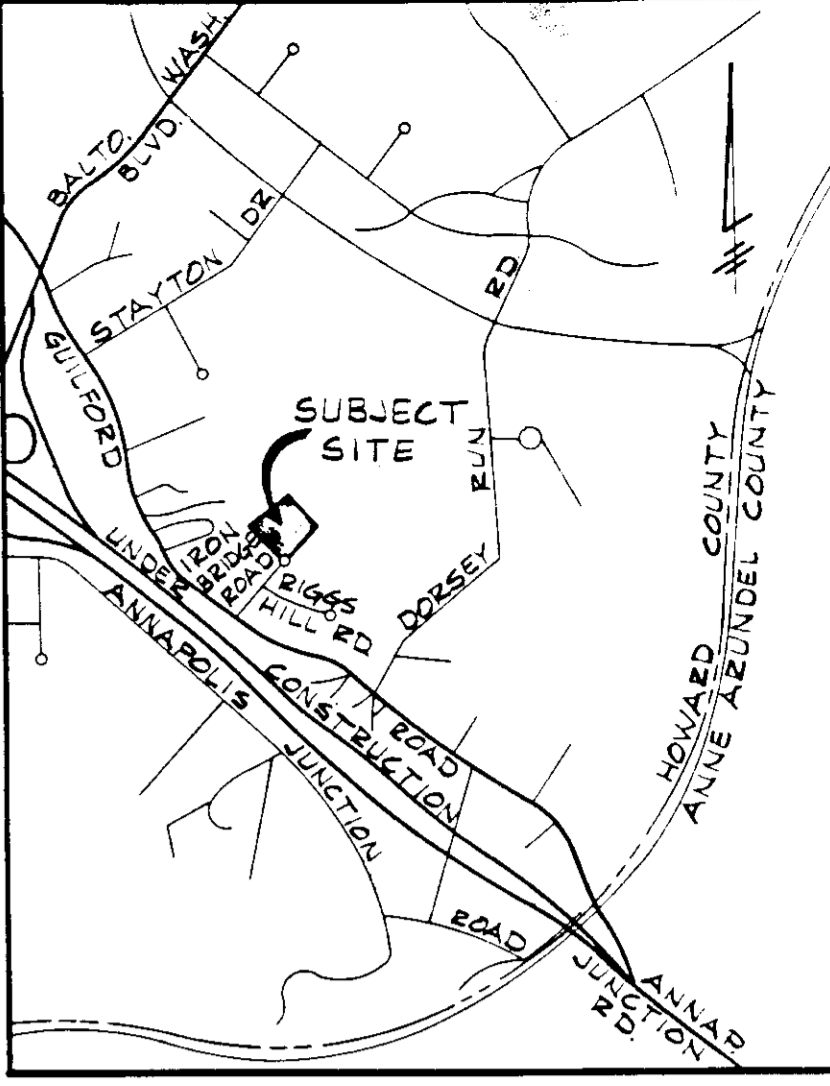
DEVELOPER:
SIGNATURE: _____ DATE: _____

DESIGNED BY: J.W.S.
DRAWN BY: E.B.M.
CHECKED BY: J.J.D.
REVISIONS:

DETAIL SHEET
PIERCE ARCHIVES
CORRIDOR NORTH
TAX MAP 48 PARCEL C-3
6" ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1"=20' JULY 28, 1986 SHEET 2 OF 5

GENERAL NOTES

1. Maximum building height = 20'.
2. All areas not being paved or receiving building coverage shall be stabilized in accordance with the plans approved by the Howard Soil Conservation District.
3. Any damage to public rights-of-way and/or adjacent properties shall be repaired immediately at the contractor's expense.
4. The contractor shall maintain at least a 2' level bench behind all curb and gutter in all areas.
5. The contractor shall verify all existing utilities to his own satisfaction before starting construction.
6. All slopes shall be 3:1 or flatter.
7. All work shall be done in accordance with Howard County Standard Specifications and Details for Construction, or as shown on these plans.
8. The contractor shall notify the C & P Telephone Co. and the Gas and Electric Company five days prior to starting work shown on these plans by calling "Site Utility".
9. For details of signs and signs for the handicapped see the Maryland Building Code for the handicapped and sign and as shown hereon.
10. The contractor shall maintain a minimum of 4" cover over all proposed water lines.
11. All traps shall be placed on filter cloth.
12. The contractor or developer shall contact the Construction Inspection/Survey Division, 24 hours in advance of commencement of work at 997-7417 or 02-2620.
13. The contractor shall remove all existing paving, curb and gutter, etc. that may interfere with proposed construction.
14. All utilities installed shall receive full trench compaction.
15. All water main tees, bands, caps, etc. shall be buttressed in accordance with Howard County Design requirements.



VICINITY MAP SCALE: 1" = 2000'

SEDIMENT TRAP #2
 EX. O.A. TO TRAP = 11.0 AC.
 PROP. O.A. TO TRAP = 1.02 AC.
 VOLUME REQUIRED = 1,021,800 ± 2141 CF
 VOLUME PROVIDED = 5,085 C.F.
 TOP OF TRAP = 187.8'
 BOTT. OF TRAP = 184.8'
 CLEAN OUT ELEV. = 185.8'
 TOP STONE OUTLET = 186.8'

PROPOSED O.A. TO SEDIMENT TRAP #2 = 1.04 AC.

EXISTING O.A. TO SEDIMENT TRAP #2 = 1.0 AC.

SITE DATA

TOTAL AREA OF SITE	= 6,263 AC. (200,012 S.F.)
EXISTING ZONING	= M-2
TOTAL FLOOR AREA	= 46,000 S.F.
EXISTING USE	= VACANT
PROPOSED USE	= OFFICE/WAREHOUSE
PARKING REQUIRED	
OFFICE: 5,700 S.F. @ 500	= 12 P.S.
WAREHOUSE: 15,000 S.F. @ 250	= 2 P.S.
TOTAL P.S. REQUIRED	= 21 P.S.
PARKING PROVIDED	= 26 P.S.
(INCLUDES 2 HANDICAPPED P.S.)	
FLOOR AREA RATIO	= 1515 / 6263 = 24%
PROPERTY REFERENCE	= 676 / 740
NET PAVEMENT	= 322 / 6263 = 5%
% BUILDING COVERAGE	= 1515 / 6263 = 24%
AREA TO BE DISTURBED	= 4.1 AC.
AREA TO BE PERMANENTLY STABILIZED	= 1.58 AC.
BUILDING COVERAGE WITH PAVING	= 2.4 / 6263 = 40%
AREA OF PAVING ISLANDS	= 0.330 S.F. (0.01 AC.)
AREA OF LANDSCAPING ISLANDS	= 486 S.F. (0.11 AC.)
% OF LANDSCAPING ISLANDS TO PAVING ISLANDS	= 486 / 0.330 = 147%

BENCH MARKS:

X-CUT #1: ELEV. 191.22 N 473, 773.70
 E 855, 870.70

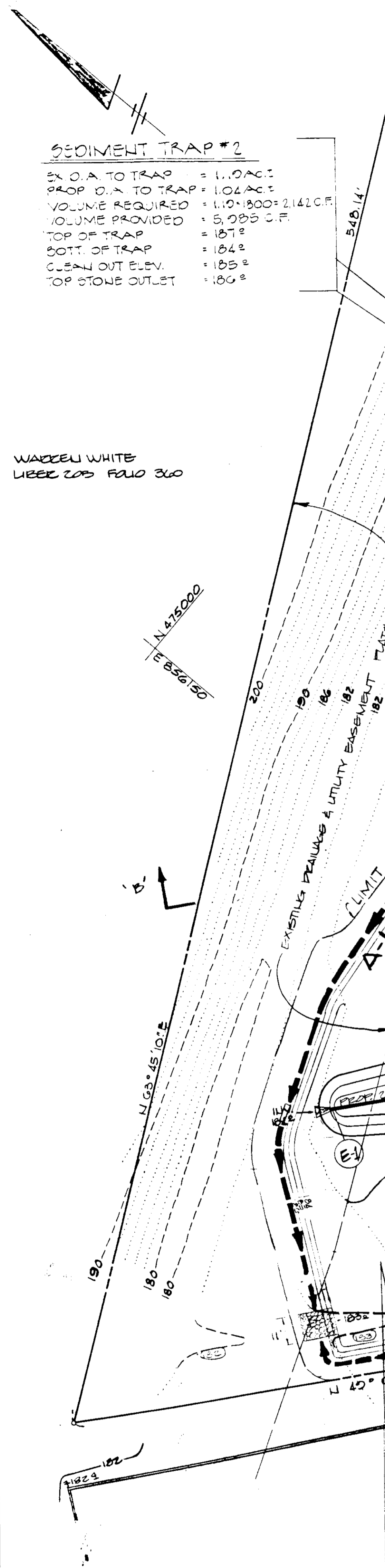
X-CUT #2: ELEV. 189.73 N 474, 413.70
 E 856, 235.50

X-CUT IN CONC. CURB L.W. SIDE
 1604 BRIDGE RD. USE FROM MD
 RT. 92.

APPROXIMATE SOIL QUALITIES:

CUT = 14.03 C.Y.
 FILL = 0.510 C.Y. (INCLUDED 10% COMPACTION)

WAGGEL WHITE LIBER 203 FOLD 260



SEDIMENT TRAP #1
 EX. O.A. TO TRAP = 2.50 AC.
 PROP. O.A. TO TRAP = 2.02 AC.
 VOLUME REQUIRED = 2,021,800 ± 4710 C.F.
 VOLUME PROVIDED = 5,085 C.F.
 TOP OF TRAP = 186.8'
 BOTT. OF TRAP = 183.8'
 CLEAN OUT ELEV. = 184.8'
 TOP STONE OUTLET = 185.8'

EXISTING O.A. TO SEDIMENT TRAP #1 = 2.50 AC.

PROPOSED O.A. TO SEDIMENT TRAP #1 = 2.02 AC.

APPROVED
 DIVISION OF LAND DEVELOPMENT &
 ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 5-21-86
 [Signature]

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 [Signature]
 Director
 Howard S.C.D.

APPROVED: FOR PUBLIC WATER AND PUBLIC BEVERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 [Signature]
 COUNTY HEALTH OFFICER
 6-10-86
 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 [Signature]
 DIRECTOR
 6-11-86
 DATE

[Signature]
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 6-11-86
 DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC BEVERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
 [Signature]
 DIRECTOR
 6-6-86
 DATE

[Signature]
 CHIEF BUREAU OF ENGINEERING
 6-5-86
 DATE

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS

THE UNITED STATES SOIL CONSERVATION DISTRICT DATE

ADDRESS CHART

PARCEL NUMBER	0-3
STREET ADDRESS	10611 IRON BRIDGE ROAD

SUBDIVISION NAME: PIERCE ARCHIVES CORRIDOR NORTH
 PARCEL C
 TAX MAP 48
 ZONE U-2
 ELEC. DIST. 6TH
 WATER CODE 802
 PARCEL AREA 1.02 AC.
 LOT/PARCEL # PARCEL C-3
 CONSERVATION TRACT 10611

LEGEND

- EXISTING GROUND
- PROPOSED GRADE
- EX. CURB & GUTTER
- PROP. CURB & GUTTER
- NO. OF PARKING SPACES
- EX. SANITARY SEWER
- PROP. SANITARY SEWER
- EX. WATER
- PROP. WATER
- EX. WATER
- PROP. WATER
- HANDICAPPED PARKING
- BUTEAKS PAVING
- P-3 PAVING (TRUCK)
- P-1 PAVING (CAR)
- PROP. P.H.

○ ○ ○ ○ INDICATES EX. P.A.
 ○ ○ ○ ○ INDICATES PROP. P.A.
 ○ ○ ○ ○ INDICATES EX. P.A. DUE
 ○ ○ ○ ○ INDICATES LIMIT OF DISTURBANCE
 ○ ○ ○ ○ INDICATES STABILIZED CONSTRUCTION BUTEAKS

CURRENT OWNER
 THE COLUMBIA INDUSTRIAL DEVELOPMENT CORP.
 0278 LITTLE PATUXENT PARKWAY
 COLUMBIA, MD. 21044

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 303 ALLEGHENY AVENUE
 TOWSON, MARYLAND 21204
 (301) 825-8120

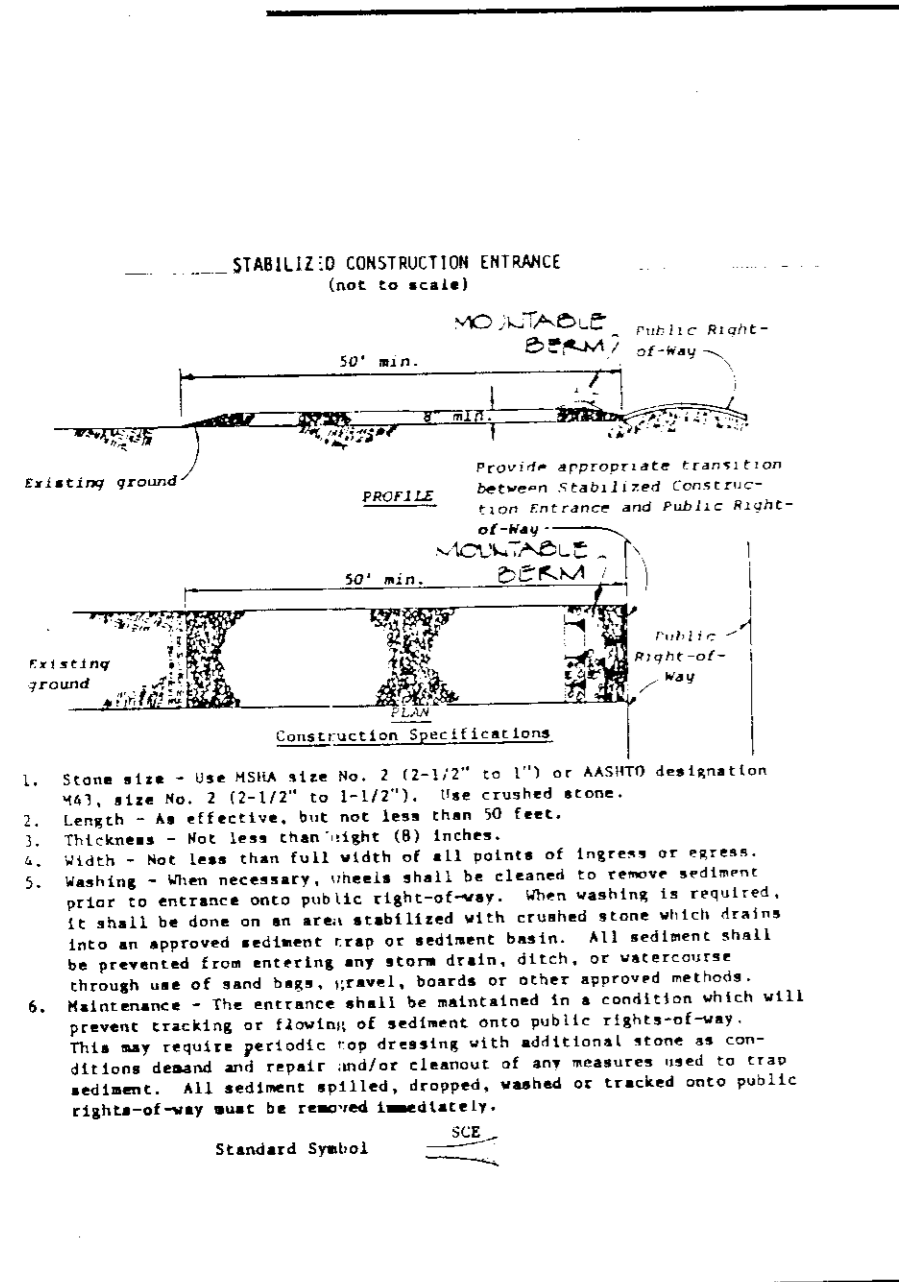
ENGINEER'S CERTIFICATE
 I hereby certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District.
 [Signature]
 4732
 2/26/86
 DATE

CONTRACT PURCHASER / DEVELOPER
 PIERCE-KWITT LIMITED PARTNERSHIP
 c/o
 JAMES F. KWITT DEVELOPMENT CORP.
 110 WEST ROAD
 SUITE 203
 TOWSON, MARYLAND 21204
 (301) 821-6826

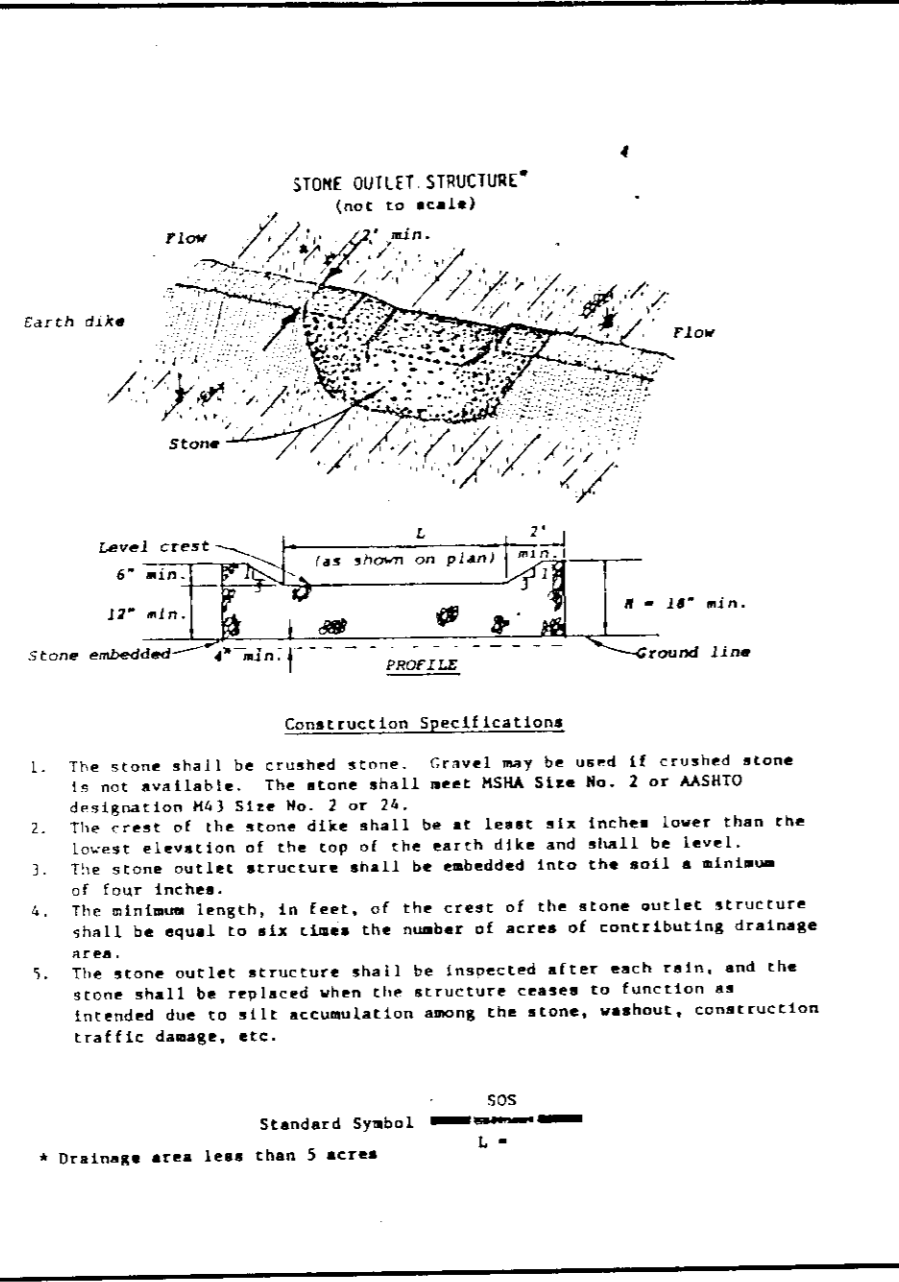
DEVELOPER'S CERTIFICATE
 I hereby certify that all development and/or construction will be done according to this plan of development and plan for erosion and sediment control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as deemed necessary. I also certify that any responsible person 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.
 [Signature]
 DATE

DESIGNED BY: B.F. STEPHENS
 CHECKED BY: B.F. STEPHENS
 REVISIONS

SEDIMENT AND EROSION CONTROL
 PIERCE ARCHIVES CORRIDOR NORTH
 TAX MAP 48 PARCEL C-3
 6TH ELECTION DIST.
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 30'
 JAN. 28, 1986
 SHEET 3 OF 5



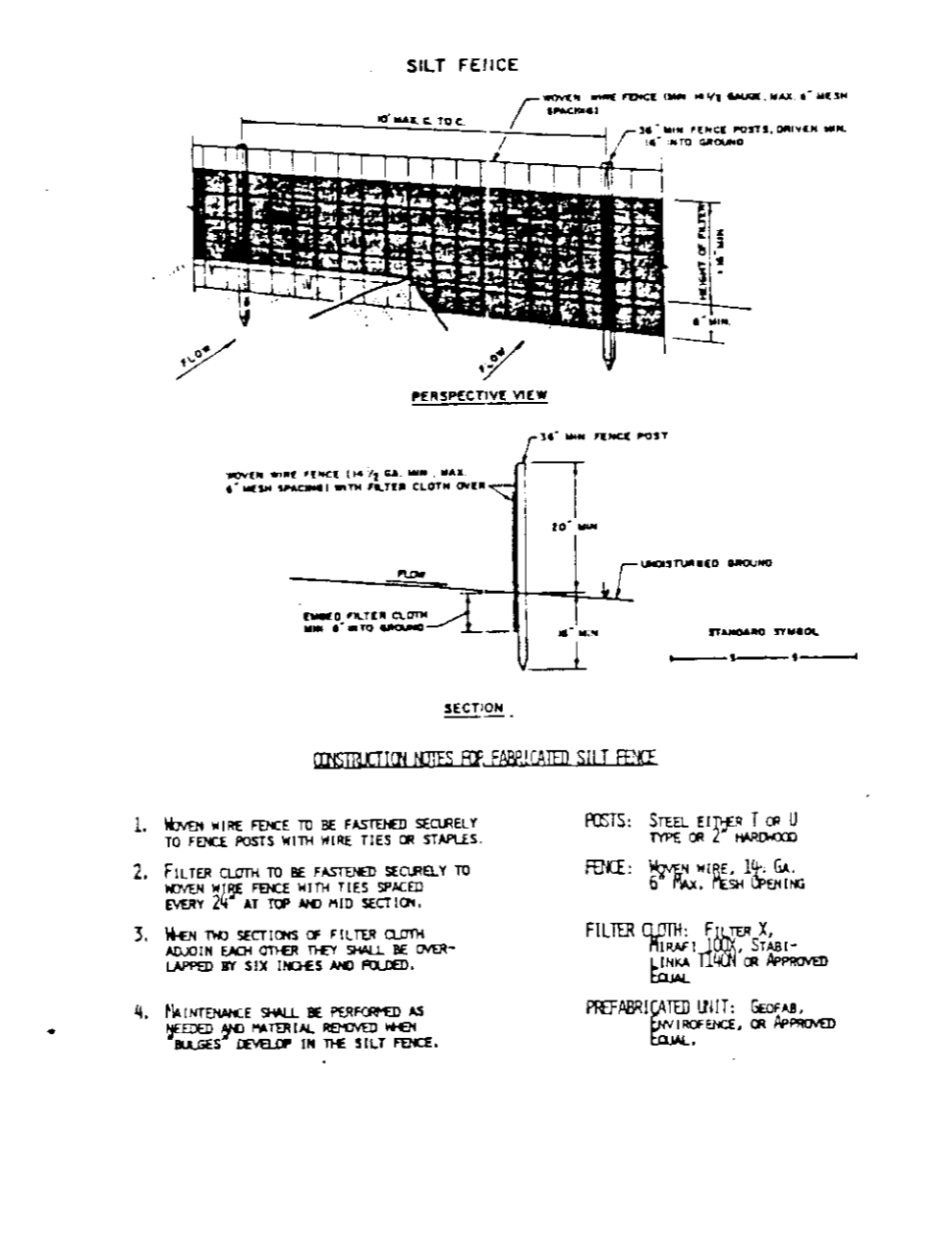
- Stone size - One No. 4 size No. 2 (2-1/2" to 1-1/2") or AASHTO designation #4, size No. 2 (2-1/2" to 1-1/2"). Use crushed stone.
- Length - As effective, but not less than 50 feet.
- Thickness - Not less than 18" (18" thick).
- Width - Not less than full width of all portion of ingress or egress.
- Sealing - When necessary, ingress shall be cleaned to remove sediment prior to entrance into public right-of-way. When washing is required, it shall be done on an area established 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.
- 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 measures used to trap sediment. All sediment spilled, dropped, washed or tracked onto public right-of-way must be removed immediately.



- All dikes shall be constructed by earthmoving equipment.
- 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.
- Earth 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 separately stabilized.
- Stabilization shall be (A) 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.

TYPE OF TREATMENT	CHANNEL STABILIZATION	
	DIKE A	DIKE B
1	5-3.00	SEED AND STRAW MULCH
2	3.1-5.00	SEED AND STRAW MULCH
3	5.1-8.00	SEED WITH JUTE, OR SOIL LINED RIP-RAP 4-8"
4	8.1-200	LINED RIP-RAP 4-8"

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 1/2 inch in a layer at least 3 inches in thickness and pressed into the soil.
 C. The soil.
 APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.
 7. PERIODIC INSPECTION AND REQUIRED MAINTENANCE MUST BE PROVIDED AFTER EACH RAIN EVENT.



- When wire fence is to be fastened securely to fence posts with wire ties or staples.
- Filter cloth to be fastened securely to stone with wire ties spaced every 4' at top and bottom.
- When two sections of filter cloth are used, they shall be overlapped by 12" inches and sealed.
- Maintenance shall be performed as noted and material removed when build-up occurs on the filter fence.

PERMIT CONTROL NOTES

- A minimum of 24 hours notice must be given to the Howard County Office of Inspections and Permits prior to the start of any construction (092-2437).
- 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 initial soil disturbance or redistribution, 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) and (Sec. 54), temporary seedings (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: 5.300 acres
 - Area Disturbed: 4.000 acres
 - Area to be roofed or paved: 2.100 acres
 - Area to be vegetatively stabilized: 1.000 acres
 - Total Cut: 4,400 cu. yds
 - Total Fill: 2,240 cu. yds
 - Offsite waste/borrow area location: CONTIGUOUS ZONE
- Any sediment control practice which is disturbed by grading activity for placement of utilities must be kept in the same day of disturbance.
- Additional sediment controls must be provided, if deemed necessary by the Howard County DPW sediment control inspector.

PERMANENT SEEDING NOTES

Seeded Preparation: Loosen upper 3 inches of soil by raking, discing or other acceptable means before seeding.

Soil Amendments: Use one of the following schedules:

- 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. Harrow or disc into upper three inches of soil. At time of seeding, apply 400 lbs. per acre 30-0-0 ureamform fertilizer (9lbs./1000 sq. ft.)
- 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. 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 (0.5 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 weeping lovegrass (1) 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 (70 to 90 lbs./1000 sq. ft.) of untreated straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 216 gallons per acre (5 gal./1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gal./1000 sq. ft.) for anchoring.

Maintenance: Inspect all temporary seeding and make needed repairs, replacements and reseedings.

TEMPORARY SEEDING NOTES

Seeded Preparation: Loosen upper 3 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 periods March 1 thru April 30 and from August 15 thru November 15, seed with 24 lbs. 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 seed.

Mulching: Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1000 sq. ft.) of untreated straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 216 gal. per acre (5 gal./1000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 ft. or higher, use 348 gal. per acre (8 gal./1000 sq. ft.) for anchoring.

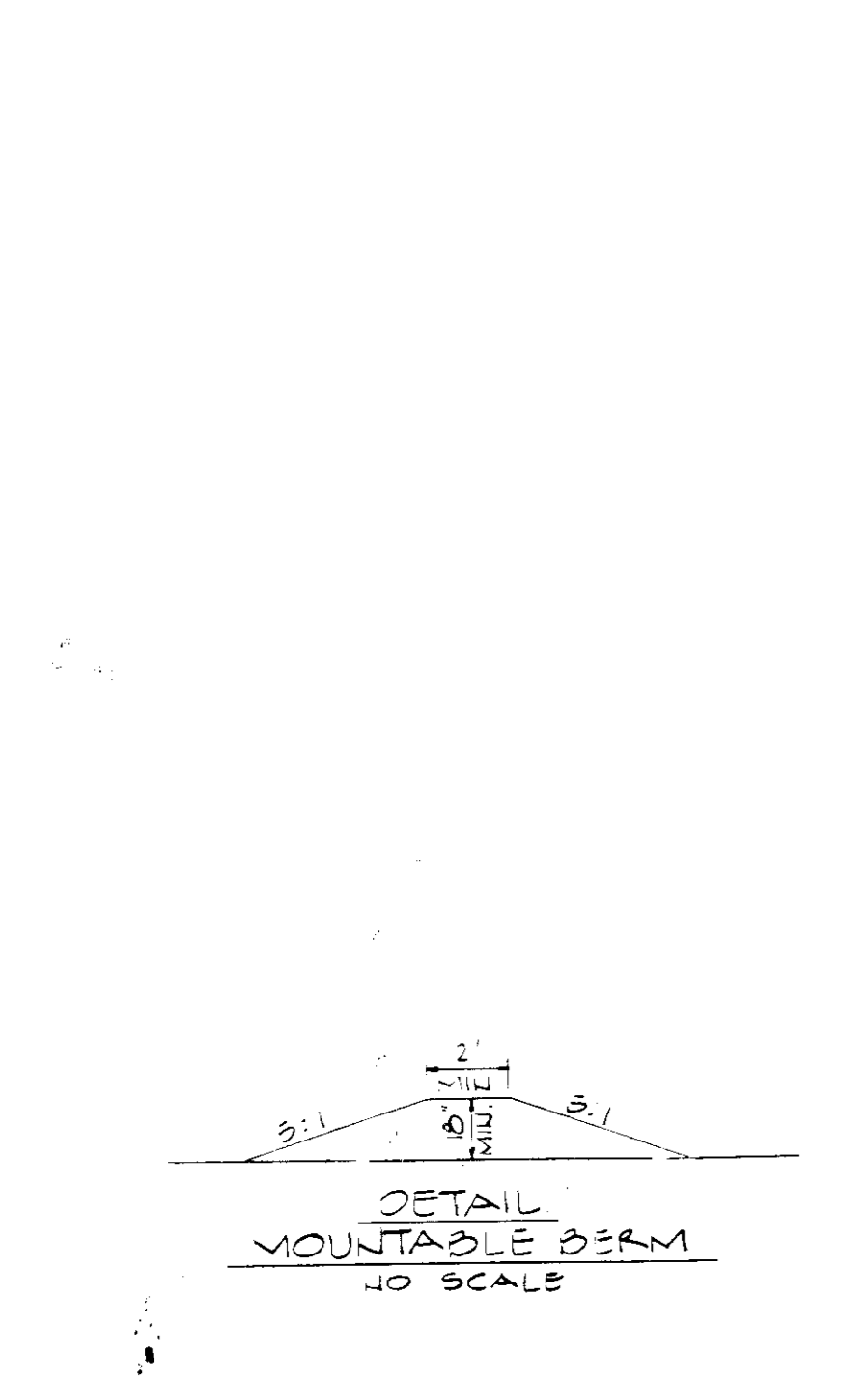


SEQUENCE OF CONSTRUCTION

- NOTIFY HOWARD COUNTY DEPARTMENT OF INSPECTIONS, PERMITS INSPECTOR 48 HOURS PRIOR TO STARTING ANY WORK. 2 DAYS
- INSTALL STABILIZED CONSTRUCTION ENTRANCE. 1 DAY
- INSTALL STONE OUTLET SEDIMENT TRAPS. 3 DAYS
- INSTALL SILT FENCE & EARTH DIKES, MAINTAIN POSITIVE DRAINAGE TO TRAPS. 3 DAYS
- PLACE BUILDING FLOOR AREA AND PARKING AREAS TO SUB-GRADE. 10 DAYS
- CONSTRUCT FOUNDATION. 20 DAYS
- INSTALL ALL REMAINING UTILITIES. 5 DAYS
- PLACE BASE STONE ON BUILDING AND PAVING. 4 DAYS
- STABILIZE ALL AREAS OUTSIDE BUILDING & PAVING. 7 DAYS
- COMPLETE PAVING. 5 DAYS
- REMOVE ALL SEDIMENT CONTROL DEVICES AND STABILIZE THOSE AREAS AFTER OBTAINING PERMISSION FROM THE SEDIMENT CONTROL INSPECTOR. 3 DAYS

GENERAL NOTES

- Refer to 1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control for additional details and detailed specifications of each practice specified herein.
- With the approval of the sediment control inspector, minor field adjustments can and will be made to change the control of any sediment. Changes in sediment control practices require prior approval of the sediment control inspector and the Baltimore County Soil Conservation District.
- At the end of each working day, all sediment control practices will be inspected and left in operational condition.
- Following initial soil disturbance or redistribution, permanent or temporary stabilization shall be completed within a) seven calendar days as to the majority of all perimeter sediment control structures, dikes, anchors, ditches, perimeter slopes, and all slopes greater than 3 horizontal to 1 vertical (3:1) and b) fourteen days as to all other disturbed or graded areas on the project site.
- Any change to the grading proposed on this plan requires re-submission to Baltimore County Soil Conservation District for approval.
- Dust control will be provided for all disturbed areas. Refer to 1983 Maryland Standards and Specifications for Soil Erosion and Sediment Control, pp 8301 and 81.02 for acceptable methods and specifications for dust control.
- Any variation from the sequence of operations stated on this plan requires the approval of the sediment control inspector and the Baltimore County Soil Conservation District prior to the initiation of the change.



CURRENT OWNER
 THE COLUMBIA INDUSTRIAL DEVELOPMENT CORP.
 10275 LITTLE PATUXENT PARKWAY
 COLUMBIA, MD. 21044

APPROVED
 DIVISION OF LAND DEVELOPMENT & ZONING ADMINISTRATION
 HOWARD COUNTY, MARYLAND
 DATE 5-21-86
 [Signature]

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
 [Signature]
 COUNTY HEALTH OFFICER
 6-10-86
 DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING & ZONING
 [Signature]
 DIRECTOR
 [Signature]
 CHIEF DIVISION OF LAND DEVELOPMENT AND ZONING ADMINISTRATION
 6-11-86
 DATE

APPROVED: FOR PUBLIC WATER AND PUBLIC SEWERAGE, STORM DRAINAGE SYSTEMS AND PUBLIC ROADS HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
 [Signature]
 DIRECTOR
 [Signature]
 CHIEF BUREAU OF ENGINEERING
 6-6-86
 DATE

REVIEWED FOR THE HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS
 [Signature]
 THE UNITED STATES SOIL CONSERVATION SERVICE
 5-29-86
 DATE

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.
 [Signature]
 Approved
 Howard S.C.D.

GEORGE WILLIAM STEPHENS, JR. AND ASSOCIATES, INC.
 CIVIL ENGINEERS & LAND SURVEYORS
 303 ALLEGHENY AVENUE
 TOWSON, MARYLAND 21284
 (301)825-8120

ENGINEERS CERTIFICATION
 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]
 4732
 REG. NO.
 2/26/86
 DATE

CONTRACT PURCHASER/DEVELOPER
 PIERCE-KUOTT LIMITED PARTNERSHIP
 c/o
 JAMES F. KUOTT DEVELOPMENT CORP.
 110 WEST RD.
 SUITE 203
 TOWSON, MARYLAND 21284
 (301) 321-6486

DEVELOPER'S CERTIFICATION
 I hereby certify that all development and/or construction will be done according to this plan of development and plan for erosion and sediment control, and I also authorize periodic on-site inspection by the Howard Soil Conservation District or their authorized agents as deemed necessary. I also certify that any responsible person 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.
 DEVELOPER [Signature] DATE 5/21/86

DESIGNED BY: G.W.S.
 CHECKED BY: J.W.S.
 REVISIONS:

PIERCE ARCHIVES
 CORRIOR NORTH
 TAX MAP 48 PARCEL C-3
 GTR ELECTRA DISTRICT
 HOWARD CO., MARYLAND
 SCALE: AS SHOWN FEB. 21, 1986 SHEET 4 OF 5
 SDP-86-174

