See also PC113 and PC114

CERTIFICATE OF AUTHENTICITY

THIS IS TO CERTIFY THAT THE FOLLOWING ELECTRONIC RECORDS ARE TRUE AND ACCURATE REPRODUCTIONS OF THE ORIGINAL RECORDS OF JAMES CITY COUNTY GENERAL SERVICES DEPARTMENT- STORMWATER DIVISION; WERE SCANNED IN THE REGULAR COURSE OF BUSINESS PURSUANT TO GUIDELINES ESTABLISHED BY THE LIBRARY OF VIRGINIA AND ARCHIVES; AND HAVE BEEN VERIFIED IN THE CUSTODY OF THE INDIVIDUAL LISTED BELOW.

BMP NUMBER: **PC038**

DATE VERIFIED: **July 6, 2012**

QUALITY ASSURANCE TECHNICIAN: **Leah Hardenbergh**

Leah Hardenbergh

LOCATION: WILLIAMSBURG, VIRGINIA

Stormwater Division

MEMORANDUM

DATE: March 13, 2010

TO: Michael J. Gillis, Virginia Correctional Enterprises Document Management Services

FROM: Jo Anna Ripley, Stormwater

PO: 270712

RE: Files Approved for Scanning

General File ID or BMP ID: PC038

PIN: 3230100007A

Subdivision, Tract, Business or Owner Name (if known): Williamsburg Lafayette Village Family

Property Description: Lafayette Family Apartments

Site Address: 110 Lafayette Blvd

(For internal use only) **Box** 2 **Drawer:** 2

Agreements: (in file as of scan date) **N** **Book or Doc#:** **Page:**

Comments
Combined folder with PC113 and PC114

SILTATION AGREEMENT

THIS AGREEMENT, made this 6th day of July, 19 88, by and between Lafayette Family Limited Partnership and Lafayette Elderly Limited Partnership, a corporation, hereinafter called "Developer", party of the first part, and the Board of Supervisors of James City County, Virginia, hereinafter called "County", party of the second part, and _____, hereinafter called "Agent" (Director of Code Compliance), party of the third part.

WITNESSETH:

WHEREAS, Developer, desires approval of plans by the Director of Code Compliance for the County of James City, for a project known as Lafayette Family & Elderly Apts, located at off Longhill Road and Lafayette Boulevard, which plans include provision of siltation and erosion control measures as required by Chapter 5A of the Code of the County of James City, Virginia, and

WHEREAS, County desires to ensure the installation, maintenance and adequate performance of such control measures,

NOW THEREFORE, for and in consideration of the foregoing premises and the following terms and conditions, and in further consideration of the approval of the aforesaid plans by the County and the issuance of permits for the work proposed to be done thereunder the parties hereto agree as follows:

1. Developer has either:
   a. deposited with Agent, and Agent by this execution hereof acknowledges that he holds, the sum of _____ _____ dollars ($_____) in escrow under and subject to the terms of this agreement, or;
   b. has furnished the County an irrevocable letter of credit or bond with corporate surety, whose terms and conditions are acceptable in substance and in form to the County Attorney, in the sum of One Hundred Forty-Four Thousand dollars ($144,000.00), which letter of credit or bond is under and subject to the terms of this agreement.

The deposit, letter of credit or bond is designed to insure performance of the Developer's obligations and to insure reimbursement to the County in the event that it performs work or causes work to be performed pursuant to paragraphs 2, 3 and 4 of this agreement.

2. In the event measures for the control of siltation and/or erosion as provided for on the plans referred to herein, or on any approved revision thereof, are not constructed at or prior to the occurrence of any rainstorm or other phenomena actually causing any siltation or erosion, County or its authorized agent shall have the right to enter upon Developer's property and construct such measures or do such other work as may be necessary to prevent further erosion or siltation, provided that County shall first give notice in writing to Developer or his superintendent of its intent so to do.

3. In the event measures for the control of siltation and/or erosion have been constructed, but fail, through overload and/or inadequate maintenance, to perform the function for which they were intended, County or its authorized agent, may in like manner to 2 above, enter to perform such reconstruction or maintenance as may be necessary to restore performance in accord with the plans, or approved revisions thereof, upon giving notice in writing to Developer or his superintendent of its intent so to do.

4. In the event there occurs siltation and/or erosion from the property covered by the plans referred to herein in sufficient quantity adversely to affect downstream drainage, or travel on any street, road, highway or other public way, then County may take such steps as may be necessary to restore functions to the affected drainage or travel way.

5. In the event County determines work shall be performed or causes to be performed work of any nature, including labor, use of equipment, and materials, under the provisions of 2, 3 and 4 above, either by County forces or contract, Agent shall draw and disburse to County on its order such sum or sums as may be requested, provided, however, that Agent's liability so to disburse shall be limited to the undistributed balance in its hands of:

a. the escrow amount, or

b. the letter of credit, or

c. the bond

A notice that such draw has been made shall be delivered or mailed by County to Developer.

6. In the event Agent makes disbursement pursuant hereto, Developer agrees to deposit within ten (10) days of such disbursement, an amount sufficient either:

a. to restore escrow amount to its original balance as shown in paragraph 1; or

b. to furnish an additional letter of credit in the amount of the draft; or

c. to secure such additional bonds as to restore same to its original balance as shown in paragraph 1.

7. It is expressly agreed by all parties hereto that it is the purpose and intent of this agreement to ensure the installation, maintenance, and performance of measures provided for on approved plans or revisions thereof, for the control of siltation and erosion, and for the restoration of function of facilities for drainage or vehicular travel if such facilities are adversely affected in their function by siltation or erosion from the property the subject of such plans. This agreement shall not be deemed to create or affect any liability of any party hereto for any damage alleged to result from or be caused by erosion or siltation.

8. It is expressly agreed by the parties hereto that either:

a. the escrow amount shall be held by Agent unless distributed in accordance with 5 above, or paid to County as part of the cost to complete improvements required by ordinance and/or agreement, or released in writing by County, through its agent, the Director of Code Compliance; or

b. the letter of credit or bond shall be held by Agent unless distributed in accordance with 5 above, or paid to County as part of the cost to complete improvements required by ordinance and/or agreement, or released in writing by County, through its Agent, the Director of Code Compliance.

LAFAYETTE FAMILY LIMITED PARTNERHSIP AND LAFAYETTE ELDERLY LIMITED PARTNERSHIP

(SEAL)

Developer

BY: _____

ATTEST:

Kenneth W. Owens

_____(SEAL)

Agent

BY: _____

Approved as to form:

_____

County Attorney

0359C

COUNTY OF JAMES CITY, VIRGINIA
EROSION AND SEDIMENTATION CONTROL BOND

Bond No. R2-10-95

KNOW ALL MEN BY THESE PRESENTS: that we Lafayette Family, Ltd. Partnership & Lafayette Elderly, Ltd. Partnership Principal, and Peerless Insurance Company, as Surety, are held and firmly bound unto James City County, Virginia, Obligee, of the Commonwealth of Virginia, in the Penal Sum of One Hundred Forty-Four Thousand---dollars, for the payment hereof to the Obligee, the Principal binds its heirs, executors, administrators, successors and assigns, and the Surety binds itself, its successors, and assigns severally and jointly by their presents and to each hereby waive our homestead exemption as to this debt and obligation.

WHEREAS, the Principal desires to have approved by James City County, Virginia, a certain erosion and sedimentation control plan pursuant to the terms of the Code of the County of James City, Virginia, (and any amendment thereto) for a project known as Lafayette Family Apartment and Lafayette Elderly Apartments, located at Longhill Road and Lafayette Blvd. James City County, Virginia, and in order to have said plan approved, said Principal must have complied with all terms and provisions of said code.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the above Principal shall satisfactorily complete the erosion and sedimentation control measures in accordance with the approved plan and Chapter 5A of the Code of the County of James City, Erosion and Sedimentation Control, and shall fully indemnify and save harmless the Obligee from all costs and damages which the Obligee may suffer by reason of the Principal's failure to do so then this obligation shall be void, otherwise to remain in full force and effect.

PROVIDED FURTHER, that if this is a continuous bond and the Surety hereby waives notice of any extension hereunder granted by Obligee to Principal.

CORPORATION:

(Impress Corporate Seal here)

Principal

ATTEST:

BY _____
President

BY Roberta R. Smith
Roberta R. Smith, Notary Public
My Commission Expires: July 29, 1988

INDIVIDUAL OR PARTNERSHIP:

Lafayette Family, Ltd. Partnership
Principal

Lafayette Elderly, Ltd. Partnership
Principal

(Impress Corporate Seal here)

Witness
Robert C. Moore, III
4900 Augusta Avenue, Richmond, VA
Name & Address of Resident Agent

Peerless Insurance Company
Surety

BY Susan M. Weymouth
Attorney in Fact

2807 Parham Road, Richmond, VA 23229
Address of Home Office

POWER OF ATTORNEY MUST BE ATTACHED

0358C

COUNTY OF JAMES CITY

SUBDIVISION AGREEMENT GEO 426

THIS AGREEMENT, made this 5th day of AUGUST, 1988, by and between LAFAYETTE FAMILY LIMITED PARTNERSHIP AND LAFAYETTE ELDERLY LIMITED PARTNERSHIP party (ies) of the first part, hereinafter referred to as "OWNER", and the COUNTY OF JAMES CITY, VIRGINIA, A Political Subdivision, party of the second part, hereinafter referred to as "COUNTY".

WHEREAS, the party (ies) of the first part is (are) the owner of a certain tract of land located in the County of James City, Virginia; and

WHEREAS, the said parcel of land is being subdivided by the Owner into the subdivision known and designated as PARCEL A AND PARCEL B (LAFAYETTE FAMILY AND ELDERLY), and the Owner has caused a plat of said subdivision dated JANUARY 25, 19 88, to be prepared by AES, A PROFESSIONAL CORPORATION, Certified Land Surveyors, or Civil Engineers, which said plat the Owner desires to admit to record in the Clerk's Office of the Circuit Court for the City of Williamsburg and County of James City, Virginia; and

WHEREAS, the Owner agrees to construct and locate all physical improvements in said subdivision, as required by the Subdivision Ordinance of the County of James City, Virginia, or shown on the development plans approved by the Agent of the Subdivision Ordinance, hereinafter referred to as "AGENT"; and

WHEREAS, the Owner has posted sufficient bond, letter of credit or certified check, pursuant to existing ordinances, approved as to form by the County Attorney, and with surety satisfactory to the County in the amount of $35,000 guaranteeing the installation of the aforementioned improvements before AUGUST 5, 1989; and

WHEREAS, the County of James City has agreed that it will permit the recordation of the plat of said subdivision upon the execution of this agreement.

NOW, THEREFORE, THIS AGREEMENT WITNESSETH: That for and in consideration of the premises and the approval of said subdivision and the covenants and agreements herein contained, the parties hereto agree as follows:

1. The Owner does covenant and agree that it will, without cost to the County of James City, before AUGUST 5, 1989, construct to the approval of the County all physical improvements as required by the Subdivision Ordinance of the County, or shown on the development plans approved by the Agent. If, in the sole judgement of the County, circumstances beyond the control of the Owner prevent the Owner from completing the improvements in the time set forth herein, then the County may at its sole discretion grant an extension of time for completion of said improvements and in such instance the County shall require an amended bond, letter of credit, or certified check, approved as to form by the County Attorney, and with surety satisfactory to the County in an amount to guarantee the installation of the aforementioned improvements.

2. It is mutually understood and agreed that in the event the Owner fails to properly complete the physical improvements provided hereinabove, the County may complete, or cause to have completed, the same and render a bill therefor to the Owner who shall be liable to the County for all proper costs so incurred by the County or the County may draw the amount necessary from the surety to complete or cause to have completed the same.

3. It is mutually understood and agreed that this agreement does not relieve the Owner of any responsibilities or requirements placed upon them by the various ordinances of the County applicable to such subdivision and development of the property, and the subdivision and development of the property will be done in strict accordance with such ordinances.

4. It is mutually understood and agreed that if the Owner shall faithfully execute each and all requirements of the said Subdivision Ordinance and the provisions of this agreement, and shall indemnify, protect and save harmless the County of James City from all loss, damage, expense or cost by reason of any claim, suit or action instituted against the County of James City or its agents or employees thereof, on account of, or in consequence of any breach on the part of the Owner, then the aforementioned bond, or certified check, shall be released by the County to the Owner.

5. The Owner does hereby agree to indemnify, protect and save harmless the County from and against all losses and physical damages to property, and bodily injury or death to any person or persons, which may arise out of or be caused by the construction, maintenance, presence or use of the streets, utilities and public easements required by, and shown on, the development plans and the subdivision plat until such time as the said streets, utilities and public easements shall be accepted as a part of the County's system. To insure such indemnification, the County may require and the owner shall provide upon request a Certificate of Public Liability Insurance in an amount approved by the County Attorney as sufficient, including a governmental endorsement thereto, naming the County as an insured, issued by an insurance company licensed to do business in the Commonwealth of Virginia.

6. It is mutually understood and agreed, that the approval on final plat or plats of this subdivision, or section thereof, shall not be deemed to be an acceptance by the County of any street, alley, public space, sewer or other physical improvements shown on the plat or plats for maintenance, repair or operations thereof, and that the Owner shall be fully responsible therefor and assume all of the risks and liabilities therefor.

IN WITNESS WHEREOF, the parties hereto have affixed their signatures and seals this 11TH day of August, 1988.

COUNTY OF JAMES CITY, VIRGINIA

By: _____
General Partner

ATTEST:

_____

By: _____

ATTEST:

_____

Approved as to form:

_____
County Attorney

0154U

SITE LIGHTING INFORMATION

STREETLIGHTS

LAMP: HI-TEK KAA 150S SP 12, 208 VOLT
POLE: KW INDUSTRIES SSP20-40-11-BZ-DM(19)EMB

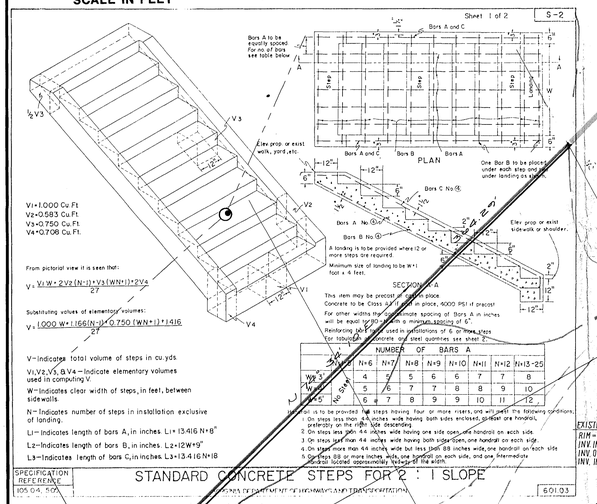
NOTE: SET POLES IN 12" DIAMETER X 5' DEEP HOLE WITH COMPACTED BACKFILL OF 50% #18 STONE AND 50% EARTH. MAXIMUM LAMP ELEVATION TO BE 15' ABOVE GRADE. DIRECT LIGHT AS SHOWN ON PLANS.

BUILDING-MOUNTED LIGHTS

LAMP: HI-TEK 100S TWP 208
MOUNT ON BUILDING FACE DISTANCE SPECIFIED ABOVE FINISHED FLOOR.

ALL SITE LIGHTING TO BE CONNECTED INTO SITE LIGHTING CIRCUIT INCLUDING BUILDING-MOUNTED LIGHTS.

20 0 20 40
SCALE IN FEET



W	N=6	N=7	N=8	N=9	N=10	N=11	N=12	N=13-25
3'	4	5	5	6	6	7	7	8
4'	5	6	7	7	8	8	9	10
5'	6	7	8	9	9	10	11	12

CONTRACTOR HAS THE OPTION TO USE ANY OF THE FOLLOWING TYPES OF PIPE FOR STORM SEWER INSTALLATION IN LIEU OF REINFORCED CONCRETE PIPE (N = 0.013):

1. CORRUGATED STEEL PIPE FULLY ASPHALT COATED AND FULL PAVED IN BOTTOM (N = 0.021).
2. CORRUGATED STEEL PIPE FULLY ASPHALT COATED AND FULL COVERED WITH ASPHALT (N = 0.013).
3. ALUMINUM SMOOTH WALL SPIRAL RIB PIPE (N = 0.012) APPROVE GAUGE WITH ENGINEER.
4. POLYVINYL CHLORIDE RIBBED SEWER PIPE (SMOOTH INTERIOR)(N = 0.009) ENGINEER MUST CHECK FOR ADEQUATE COVER PRIOR TO APPROVING THIS PIPE.

NOTE TO CONTRACTOR CONCERNING GRADING AROUND APARTMENTS: GRADE GROUND AROUND BUILDINGS TO DRAIN AWAY FROM BUILDINGS (TYPICAL SLOPE 1"/FT). SWALES AROUND BUILDINGS (WHERE SHOWN ON PLANS) SHALL BE LOCATED A MINIMUM OF 4-5 FEET FROM BUILDINGS.

NO.	DATE	REVISION/COMMENT/NOTE	BY
7	4/28/89	REVISED TO PROVIDE SIDEWALK TO LANSDALE ROAD	JHB
6	8/24/88	REVISED PER PARKS, CONE, FMHA AND ARCHITECT	JHB
5	8/17/88	AMENDED BUILDING 1 & 2	JHB
4	7/6/88	REVISED FSH, VDOT & FMHA COMMENTS	JHB
3	4-18-88	ADDED STANDARD VDOT STEPS AND HANDRAIL DETAILS	JHB
2	4/88	ADDITIONAL REVISIONS PER JCSA AND JCC CODE COMPLIANCE	JHB
1	3/88	REVISIONS PER JCC REVIEW AGENCY COMMENTS	JHB

COMMONWEALTH OF VIRGINIA
PAUL C. SMALL
CERTIFICATE NO. 04267
CERTIFIED PROFESSIONAL ENGINEER

AES, a professional corporation
1761 Jamestown Road
Williamsburg, Virginia 23185
804-253-0040
Engineering, Planning, Surveying

SITE PLAN AMENDMENT
LAFAYETTE FAMILY
BUILDING 9B - 14B

OWNER/DEVELOPER: LAFAYETTE FAMILY - LAFAYETTE FAMILY LIMITED PARTNERSHIP
LAFAYETTE ELDERLY - LAFAYETTE ELDERLY LIMITED PARTNERSHIP

JAMES CITY COUNTY — POWHATAN DISTRICT — VIRGINIA

Designed PCS/JHB/VMB	Drawn AES
Scale 1" = 20'	Date FEB. 1988
Project No. 7004	
Drawing No. SP-4	

LANDSCAPING LEGEND		THIS SHEET
A.	8' - 10' WILLOW OAK	4
B.	8' - 10' SUGAR MAPLE	1
C.	10' - 12' RIVER BIRCH	3
D.	6' - 8' JAPANESE MAPLE	1
E.	8' - 10' RED MAPLE	3
G.*	CONVEX LEAF HOLLY	50
H.*	UPRIGHT YEW	10
I.*	AZALEA - VARIOUS COLORS	24
J.*	NANDINA DOMESTICA	38
K.*	RHODODENDRON - VARIOUS COLORS	60
L.*	CRAPE MYRTLE	42
M.*	FOSTER'S HOLLY	10
N.*	COMPACTA HOLLY	50
P.*	BURFORD HOLLY	16
Q.	RED TIP PHOTINIA	18-1 GALLON SIZE
R.	HETZII (HOLLY)	30-3 GALLON SIZE

* ALL SHUBBERY TO BE 3 GALLON CONTAINER OR EQUIVALENT SIZE BALL & BURLAP

SCALE IN FEET

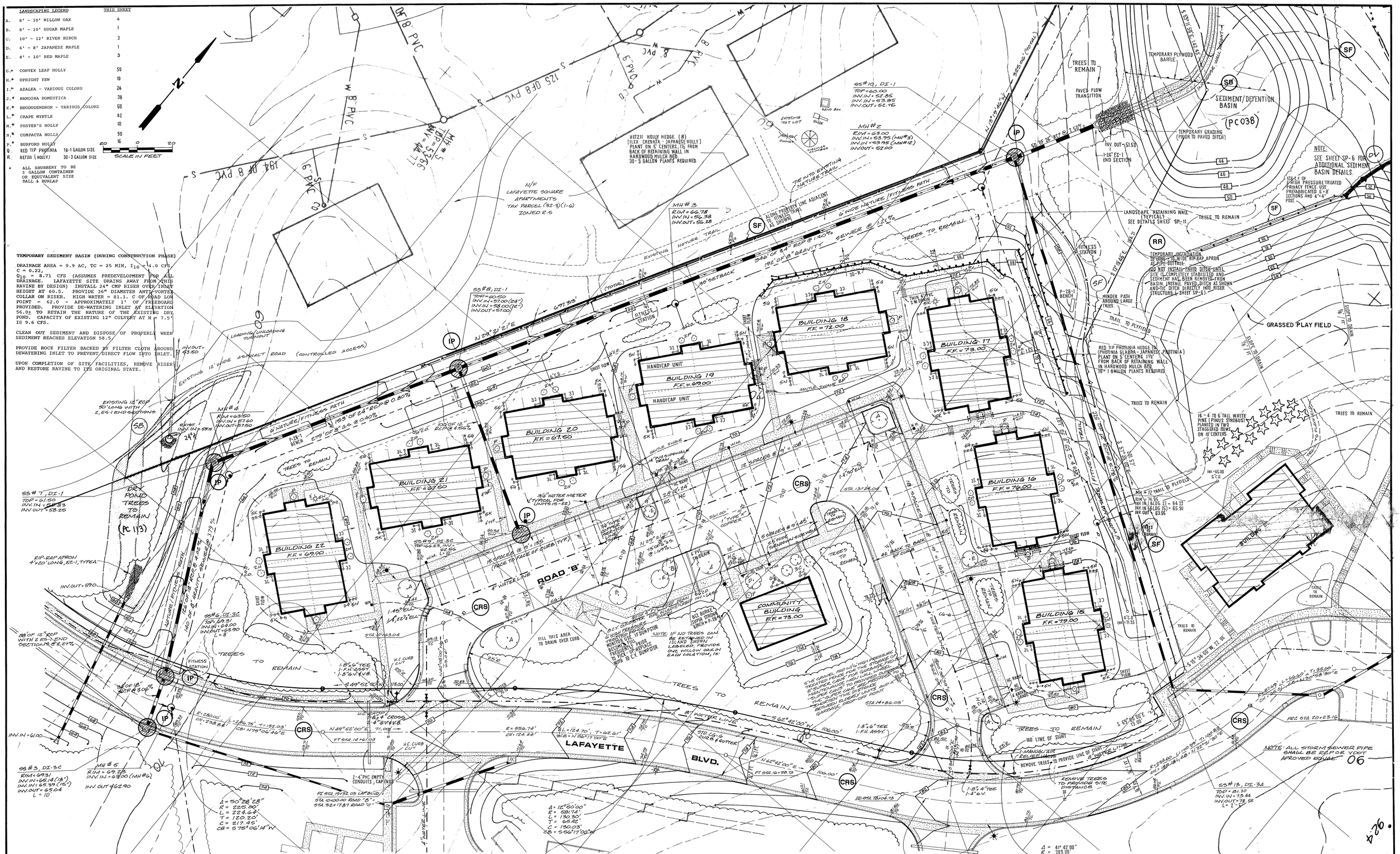
TEMPORARY SEDIMENT BASIN (DURING CONSTRUCTION PHASE)

DRAINAGE AREA = 9.9 AC, TC = 25 MIN, I_{10} = 4.0 CFS
C = 0.22,
Q_{10} = 8.71 CFS (ASSUMES PREDEVELOPMENT FOR ALL DRAINAGE. LAFAYETTE SITE DRAINS AWAY FROM THIS RAVINE BY DESIGN) INSTALL 24" CMP RISER OVER INLET HEIGHT AT 60.5. PROVIDE 36" DIAMETER ANTI-VORTEX COLLAR ON RISER. HIGH WATER = 81.1. C OF POND LOW POINT = 62.0 - APPROXIMATELY 1' OF FREEBOARD PROVIDED. PROVIDE DE-WATERING INLET AT ELEVATION 56.0± TO RETAIN THE NATURE OF THE EXISTING DRY POND. CAPACITY OF EXISTING 12" CULVERT AT H = 7.5' IS 9.6 CFS.

CLEAN OUT SEDIMENT AND DISPOSE OF PROPERLY WHEN SEDIMENT REACHES ELEVATION 58.5.

PROVIDE ROCK FILTER BACKED BY FILTER CLOTH AROUND DEWATERING INLET TO PREVENT DIRECT FLOW INTO INLET.

UPON COMPLETION OF SITE FACILITIES, REMOVE RISER AND RESTORE RAVINE TO ITS ORIGINAL STATE.



SITE LIGHTING INFORMATION

STREETLIGHTS

LAMP: HI-TEK KAA 150S SP 12 208 VOLT
POLE: KW INDUSTRIES SSP20-40-11-BZ-DM(19)EMB

NOTE: SET POLES IN 12" DIAMETER X 5' DEEP HOLE WITH COMPACTED BACKFILL OF 50% #18 STONE AND 50% EARTH. MAXIMUM LAMP ELEVATION TO BE 15' ABOVE GRADE. DIRECT LIGHT AS SHOWN ON PLANS.

BUILDING-MOUNTED LIGHTS

LAMP: HI-TEK 100S TWP 208
MOUNT ON BUILDING FACE DISTANCE SPECIFIED ABOVE FINISHED FLOOR.

ALL SITE LIGHTING TO BE CONNECTED INTO SITE LIGHTING CIRCUIT INCLUDING BUILDING-MOUNTED LIGHTS.

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1. CORRUGATED STEEL PIPE FULLY ASPHALT COATED AND FULLY PAVED (N = 0.013).
2. CORRUGATED STEEL PIPE, FULLY ASPHALT COATED AND FULLY CONCRETE LINED (N = 0.013).
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DUE TO THE AMENDMENT TO THE SITE PLAN, SANITARY SEWER MANHOLES 8-11 HAVE BEEN ELIMINATED.

NO.	DATE	REVISION/COMMENT/NOTE	BY
6	9/28/88	REVISED TO PROVIDE SIDEWALK TO LONGHILL ROAD	JHB
5	8/24/88	REVISED PER DARRYL COOK, FmHA AND ARCHITECTS	JHB
4	8/17/88	AMENDED BUILDING 1 & 2	JHB
3	7/88	REVISED PER VDOT & FmHA COMMENTS	JHB
2	4/88	ADDITIONAL REVISIONS PER JCSA AND JCC CODE COMPLIANCE	JHB
1	3/88	REVISIONS PER JCC REVIEW AGENCY COMMENTS	JHB

COMMONWEALTH OF VIRGINIA
PAUL C. SMALL
CERTIFICATE NO. 04267
CERTIFIED PROFESSIONAL ENGINEER

AES, a professional corporation
1761 Jamestown Road
Williamsburg, Virginia 23185
804-253-0040
Engineering, Planning, Surveying

SITE PLAN AMENDMENT

LAFAYETTE ELDERLY

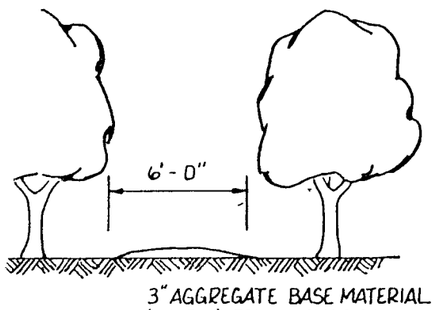
BUILDING 15 - 22

OWNER/DEVELOPER: LAFAYETTE FAMILY - LAFAYETTE FAMILY LIMITED PARTNERSHIP
LAFAYETTE ELDERLY - LAFAYETTE ELDERLY LIMITED PARTNERSHIP

JAMES CITY COUNTY — POWHATAN DISTRICT — VIRGINIA

Designed PCS/JHB/VMB	Drawn AES
Scale 1" = 20'	Date FEB. 1988
Project No. 7004	
Drawing No. SP-5	

PC038_WILLIAMSBURG_LAFAYETTE_VILLAGE_FAMILY_ELDERLY - 010

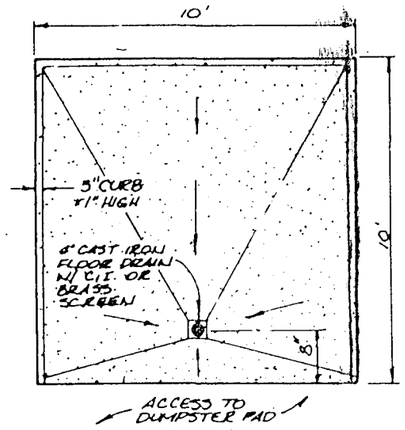


3" AGGREGATE BASE MATERIAL (TYPE I) ROLLED SMOOTH.

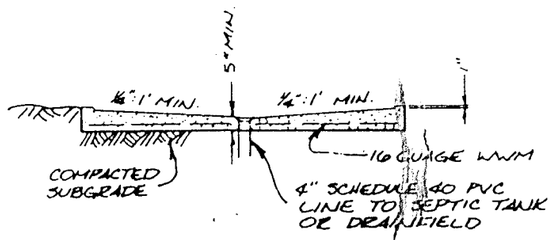
TRAIL TO MEANDER AROUND MATURE TREES

TYPICAL SECTION NATURE TRAIL

N.T.S.



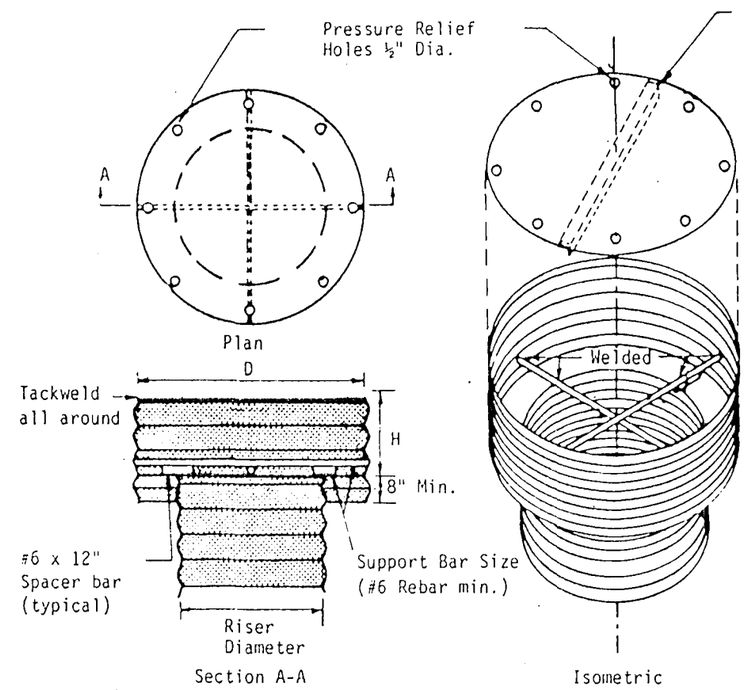
PLAN



TYPICAL SECTION

WET DUMPSTER PAD DETAIL

SCALE: 1/4" = 1'-0"



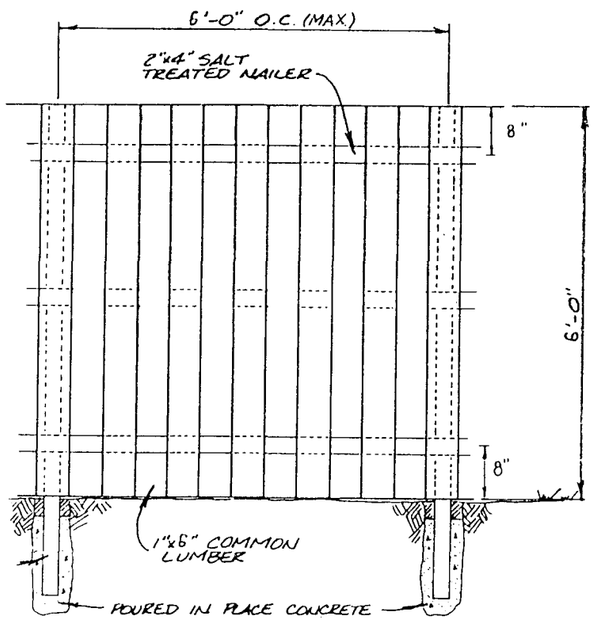
ANTI - VORTEX DEVICE DESIGN

Top stiffener (if required) is ___x___x___ angle welded to top and oriented perpendicular to corrugations.

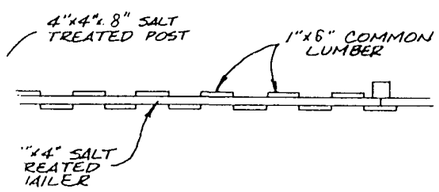
Top is ____ gage corrugated metal or 1/8" steel plate. Pressure relief holes may be omitted, if ends of corrugations are left fully open when the top is attached.

Cylinder is ____gage corrugated metal pipe or fabricated from 1/8" steel plate.

Notes:
1. The cylinder must be firmly fastened to the top of the riser.
2. Support bars are welded to the top of the riser or attached by straps bolted to top of riser



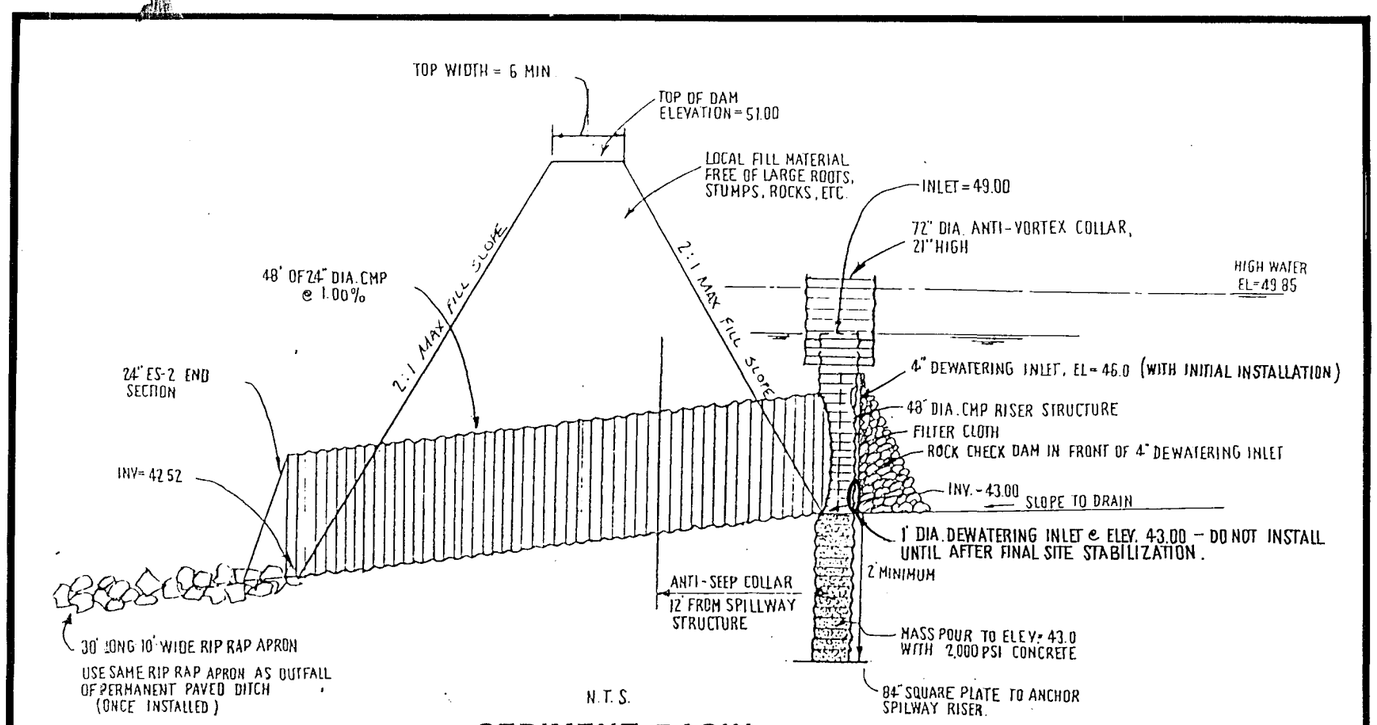
PROFILE



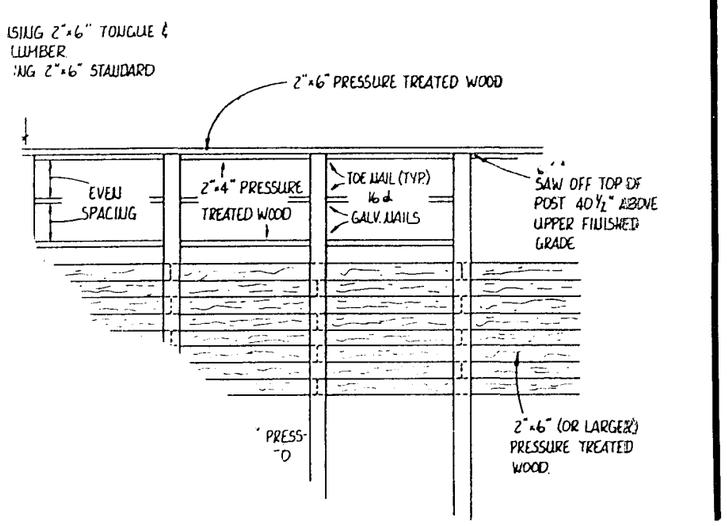
PLAN

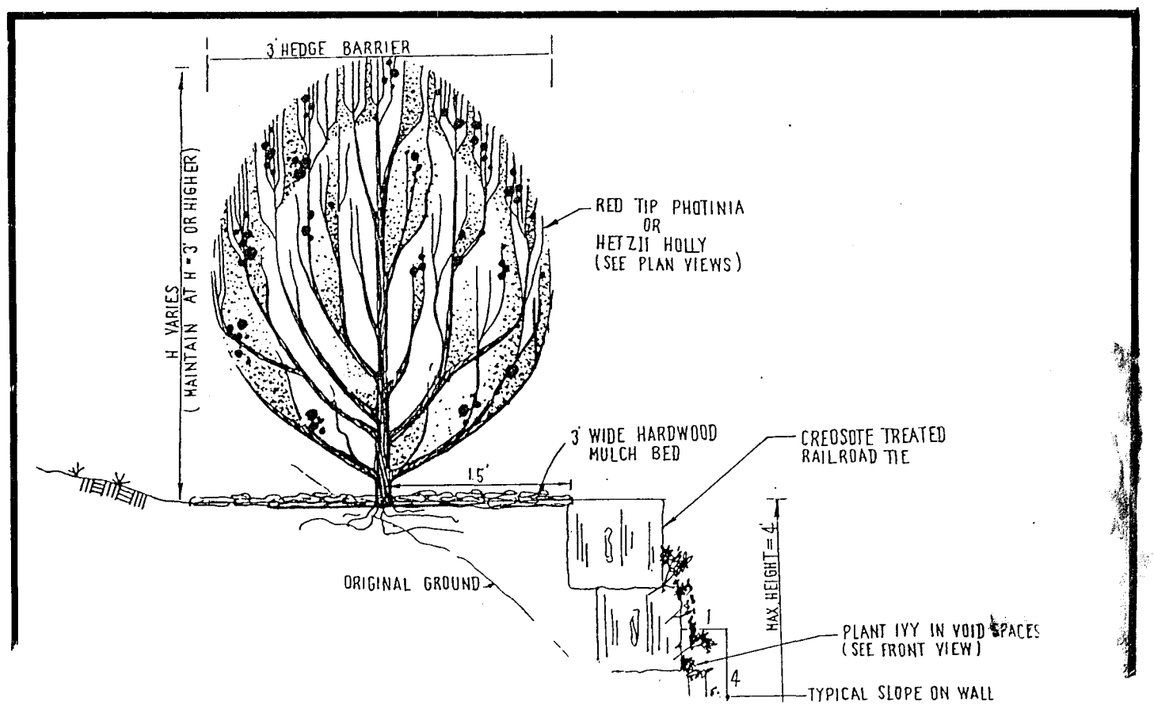
6' WOOD FENCE DETAIL

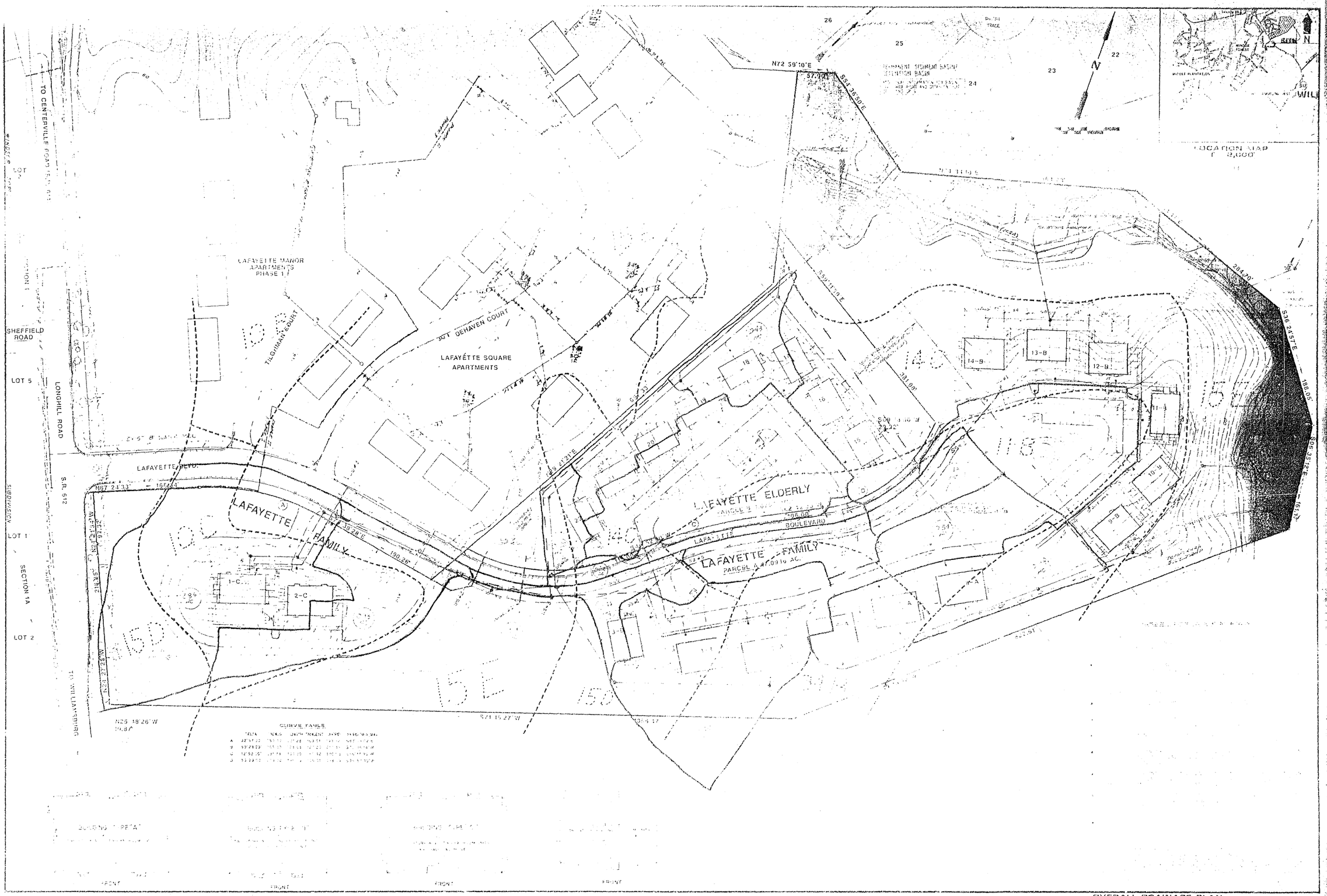
PC038



SEDIMENT BASIN







THIS PLAN HAS NOT RECEIVED FINAL APPROVAL, AND IS NOT APPROVED FOR CONSTRUCTION.

AES, a professional corporation

OVERALL DRAINAGE PLAN
WITH SOIL INFORMATION
LAFAYETTE FAMILY & LAFAYETTE ELDERLY

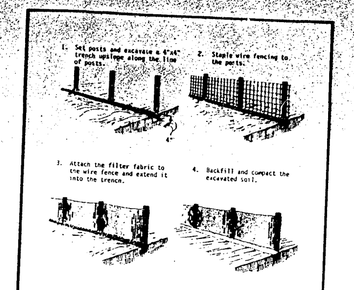
SP-17-88 / AMENDED SP-95-88

PC 038

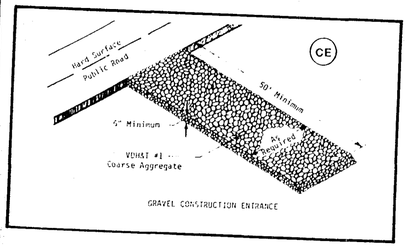
Erosion and Sediment Control Notes

The purpose of the erosion control measures shown on these plans shall be to preclude the transport of all waterborne sediments resulting from construction activities from entering onto adjacent properties or State waters. If field inspection reveals the inadequacy of the plan to control sediment in the project site, appropriate modifications will be made to correct any plan deficiencies.

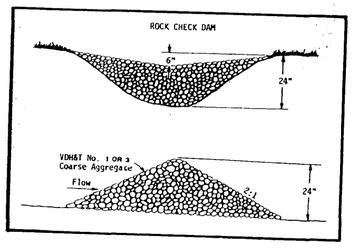
1. All erosion and sediment control measures shall be installed and maintained in accordance with the "Virginia Erosion and Sediment Control Handbook". The contractor shall be thoroughly familiar with all applicable measures contained therein which may be pertinent to this project.
2. All points of construction ingress and egress shall be protected by a temporary construction entrance to prevent tracking of mud onto public right-of-ways. An entrance permit from VDH&T is required prior to any construction activities within State right-of-ways.
3. Sediment basins and traps, perimeter dikes, sediment barriers and other measures intended to trap sediment on-site must be constructed as a first step in grading and be made functional before soil/land disturbance takes place. Earthen structures such as dams, dikes, and diversions must be seeded and mulched within 15 days of installation. An on-site pre-construction meeting will be held between the Department of Public Works and the contractor to identify those measures to be initially installed.
4. Maintenance of all erosion and sediment control measures shall be accomplished in accordance with the "Virginia Erosion and Sediment Control Handbook". Maintenance will include the repair of measures damaged by any subcontractor including those of the public utility/public works with the name of the individual who will be responsible for ensuring maintenance of installed measures on a daily basis.
5. Surface flows over cut and fill slopes shall be controlled by either mechanical devices to safely lower water downslope without causing erosion, a temporary fill diversion dike, or sod. This shall be installed prior to the end of each working day.
6. Sediment control measures may require minor field adjustments at time of construction to insure their intended purpose is accomplished. Department of Public Works approval will be required for other deviations from the approved plans.
7. The contractor shall strip and pile topsoil at the locations shown in this plan or as directed by the engineer. Silt fence shall be placed at the toe of the stockpile after stripping of topsoil is complete.
8. The contractor shall complete drainage facilities within 30 days following completion of rough grading at any point within the project. The installation of drainage facilities shall take precedence over all underground utilities. Outfall ditches from drainage structures shall be stabilized immediately after construction of same. This includes installation of erosion control stone where required. Any drainage outfalls required for a street must be completed before street grading begins.
9. Permanent or temporary soil stabilization must be applied to all denuded areas within 15 days after final grade is reached on any portion of the site. Soil stabilization must also be applied to denuded areas which may not be at final grade but will remain dormant (undisturbed) for longer than 30 days. Soil stabilization measures include vegetative establishment, mulching and the early application of gravel base material on areas to be paved.
10. No more than 500' of sanitary sewer, storm sewer, or waterlines are to be open at one time. Following installation of any portion of these items, all disturbed areas are to be immediately stabilized (i.e., the same day).
11. If disturbed area stabilization is to be accomplished during the months of December, January, or February, stabilization shall consist of mulching in accordance with Specification 3.35. Seeding will then take place as soon as the season permits.
12. For Term Seeding, Final Vegetative Cover or Stabilization, on this plan shall mean the successful germination and establishment of a stable grass cover from a properly prepared seedbed containing the specified amounts of seed, lime, and fertilizer in accordance with Specification 3.36, Permanent Seeding. Irrigation shall be required as necessary to ensure establishment of grass cover.
13. All slopes steeper than 3:1 shall require the use of erosion control blankets such as excelsior blankets to aid in the establishment of vegetative cover. Installation shall be in accordance with Specification 3.35, Mulching and manufacturer's instructions.
14. Inlet protection in accordance with Specification 3.08 shall be provided for all storm drain inlets as soon as practical following construction of same.
15. Temporary liners, such as polyethylene sheets, shall be provided for all paved ditches until the permanent concrete liner is installed.
16. Paved ditches shall be required wherever erosion is evident. Particular attention shall be paid to those areas where grades exceed 3%.
17. Temporary erosion control measures are not to be removed until all disturbed areas are stabilized. After stabilization is complete, all measures shall be removed within 30 days. Trapped sediment shall be spread and seeded.
18. Off-site waste or borrow areas shall be approved by James City County prior to the import of any borrow or export of any waste to or from the project site.
19. All paved and/or piped outfalls will be constructed before road grading and utility installation begins.

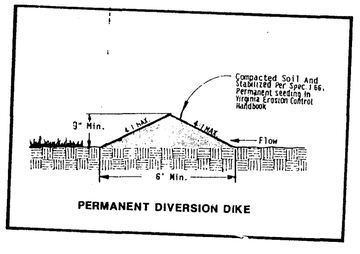


(SF) CONSTRUCTION OF A SILT FENCE

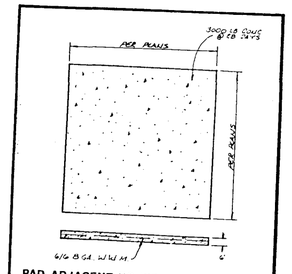


GRAVEL CONSTRUCTION ENTRANCE

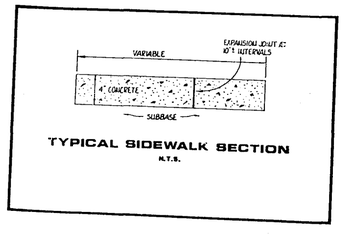




PERMANENT DIVERSION DIKE



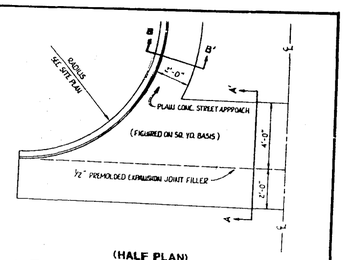
PAD ADJACENT TO WET DUMPSTER PAD



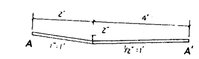
TYPICAL SIDEWALK SECTION
N.T.S.

ROAD CONSTRUCTION NOTES

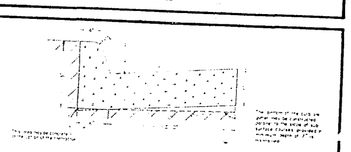
1. ALL ROADS AND DRAINAGE FACILITIES SHOULD BE CONSTRUCTED IN ACCORDANCE WITH CURRENT REGULATIONS, SPECIFICATIONS AND STANDARDS; AND SUBDIVISION STREET REQUIREMENTS OF THE VDH&T.
2. STANDARD PS-1 ENTRANCES WITH A MINIMUM OF 24' OF 15" CONCRETE CULVERT PIPE SHALL BE REQUIRED FOR ALL DRIVEWAYS.
3. ALL SHOULDERS, DITCHES AND BACKSLOPES MUST BE STABILIZED PRIOR TO ACCEPTANCE OF ROADS INTO THE STATE SECONDARY ROAD SYSTEM.
4. THE ROAD CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL ITEMS OF ROAD WORK & DRAINAGE WITH EXISTING AND PROPOSED UNDERGROUND UTILITIES (POWER, WATER, SEWER AND TELEPHONE) SUCH THAT NO DUPLICATION OF WORK EFFORT IS INCURRED.
5. UPON COMPLETION, INSPECTION AND ACCEPTANCE, ALL ROADS AND DRAINAGE FACILITIES SHALL BE DEDICATED TO THE VIRGINIA DEPARTMENT OF HIGHWAYS & TRANSPORTATION FOR INCLUSION IN THE STATE SECONDARY ROAD SYSTEM.
6. ALL ITEMS OF ROADWORK AND DRAINAGE NECESSARY FOR THE ROADS TO BE ACCEPTED INTO THE STATE SECONDARY ROAD SYSTEM, WHETHER WRITTEN ON THESE PLANS OR NOT ARE HEREBY EXPRESSLY IMPLIED. NO OMISSIONS, ERRORS OR OVERSIGHTS ON THE PART OF THE ENGINEER OR OWNER SHALL DETRACT FROM THE CONTRACTORS RESPONSIBILITY OF CONSTRUCTING ALL ITEMS OF ROADWORK & DRAINAGE SATISFACTORY IN EVERY RESPECT TO JAMES CITY COUNTY AND THE VIRGINIA DEPARTMENT OF HIGHWAYS & TRANSPORTATION.
7. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE THE RESPONSIBILITY OF THE ROAD CONTRACTOR.
8. LATERAL UNDERDRAINS MAY BE REQUIRED WHERE FIELD CONDITIONS WARRANT. A CHANGE ORDER FOR SAME WILL BE EXECUTED IF REQUIRED BY VDHT, THE ENGINEER, COUNTY OR OWNER.
9. PAVED DITCHES MAY BE REQUIRED WHERE FIELD CONDITIONS WARRANT. GENERALLY, ALL DITCHES WITH GRADES EXCEEDING 3% SHALL BE PAVED UNLESS OTHERWISE APPROVED BY THE ENGINEER, OWNER, VDHT AND THE JAMES CITY COUNTY.



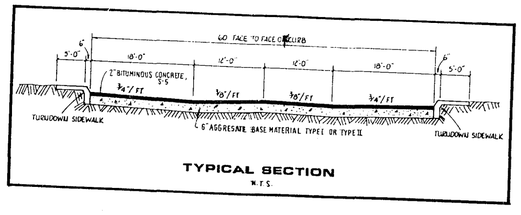
(HALF PLAN)
TYPICAL ENTRANCE DETAIL
N.T.S.



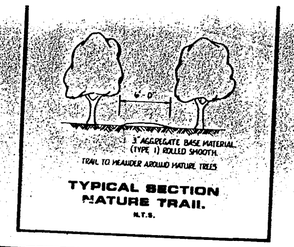
A - A'
ENTRANCE GUTTER DETAIL
N.T.S.



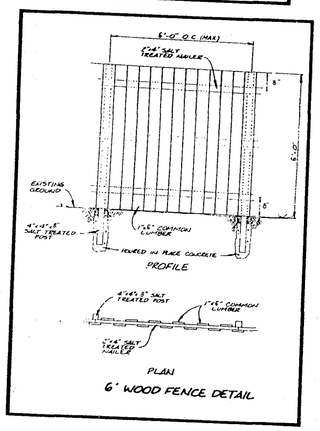
B - B'
CG-6 CURB & GUTTER DETAIL
N.T.S.



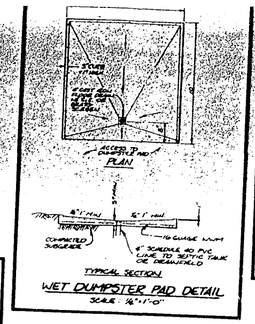
TYPICAL SECTION
N.T.S.

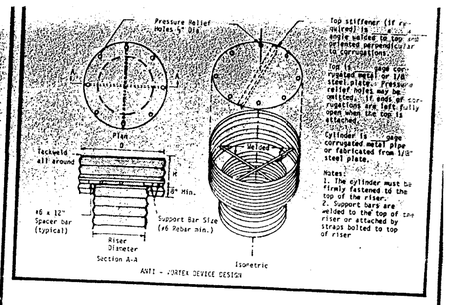


TYPICAL SECTION
MATURE TRAIL.
N.T.S.

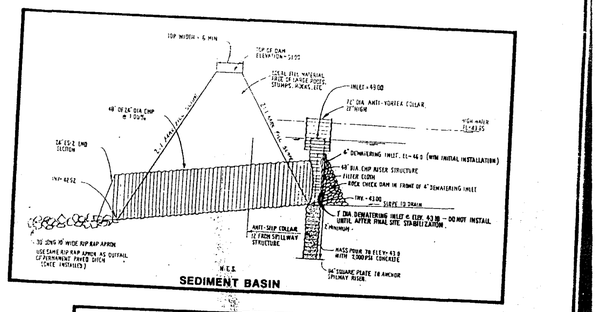


6' WOOD FENCE DETAIL

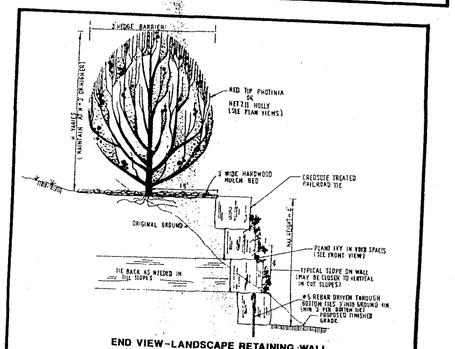




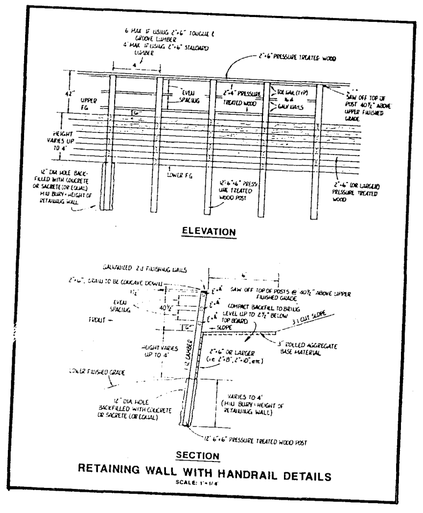
TYPICAL SECTION
WET DUMPSTER PAD DETAIL
SCALE: 1/4"=1'-0"



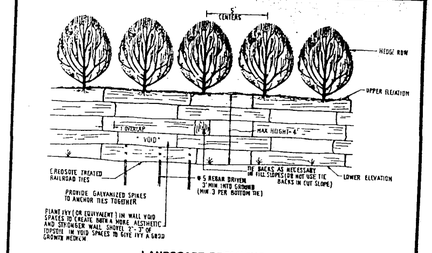
SEDIMENT BASIN



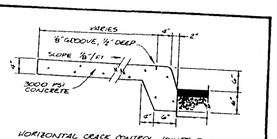
END VIEW-LANDSCAPE RETAINING WALL



RETAINING WALL WITH HANDRAIL DETAILS
SCALE: 1"=1'-0"

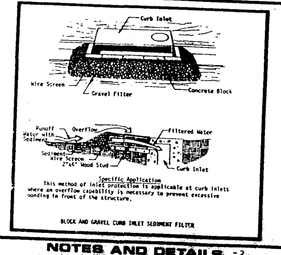


LANDSCAPE RETAINING WALL
N.T.S.



HORIZONTAL CRACK CONTROL JOINTS SHALL BE 5'-0" C-C UNLESS OTHERWISE NOTED

TURUDOWN SIDEWALK DETAIL
SCALE: 3/4"=1'-0"



BLOCK AND GRAVEL CURB INLET SEDIMENT FILTER

NO.	DATE	REVISION/COMMENT/NOTE	BY
2	4/88	ADDITIONAL REVISIONS PER JCSA AND JCC CODE COMPLIANCE	JHB
1	3/88	REVISED PER JCC REVIEW AGENCY COMMENTS	JHB

COMMONWEALTH OF VIRGINIA
PAUL C. SMALL
CERTIFICATE NO. 04267
CERTIFIED PROFESSIONAL ENGINEER

AES, a professional corporation
1761 Jamestown Road
Williamsburg, Virginia 23185
804-253-0040
Engineering, Planning, Surveying

NOTES AND DETAILS -2

LAFAYETTE FAMILY & LAFAYETTE ELDERLY

OWNER/DEVELOPER: LAFAYETTE FAMILY - LAFAYETTE FAMILY LIMITED PARTNERSHIP
LAFAYETTE ELDERLY - LAFAYETTE ELDERLY LIMITED PARTNERSHIP

JAMES CITY COUNTY — POWHATAN DISTRICT — VIRGINIA

Designed PCM/JHB/TBB	Drawn ABB
Scale	Date FEB. 1988
Project No. 7004	
Drawing No. SP-11	

1/26

PC 038

COMMONWEALTH OF VIRGINIA
PAUL C. SMALL
No. 1247
LAND SURVEYOR

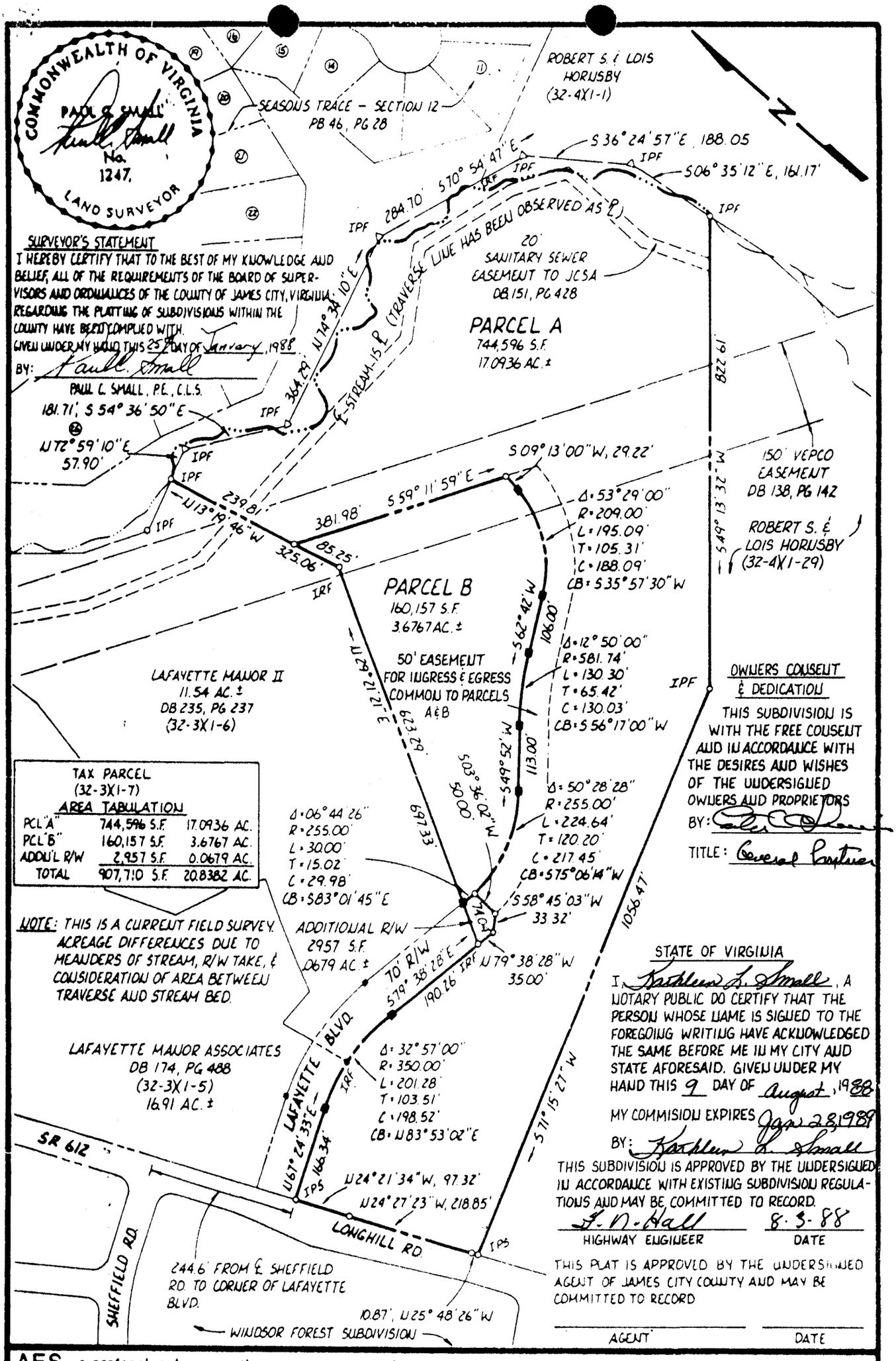
SURVEYOR'S STATEMENT

I HEREBY CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, ALL OF THE REQUIREMENTS OF THE BOARD OF SUPERVISORS AND ORDINANCES OF THE COUNTY OF JAMES CITY, VIRGINIA REGARDING THE PLATTING OF SUBDIVISIONS WITHIN THE COUNTY HAVE BEEN COMPLIED WITH.

GIVEN UNDER MY HAND THIS 25 DAY OF January, 1988

BY: Paul C. Small

PAUL C. SMALL, P.E., C.L.S.



TAX PARCEL (32-3X1-7) AREA TABULATION		
PCL "A"	744,596 S.F.	17.0936 AC.
PCL "B"	160,157 S.F.	3.6767 AC.
ADDI'L R/W	2,957 S.F.	0.0679 AC.
TOTAL	907,710 S.F.	20.8382 AC.

NOTE: THIS IS A CURRENT FIELD SURVEY. ACREAGE DIFFERENCES DUE TO MEANDERS OF STREAM, R/W TAKE, & CONSIDERATION OF AREA BETWEEN TRAVERSE AND STREAM BED.

OWNERS CONSENT & DEDICATION

THIS SUBDIVISION IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES AND WISHES OF THE UNDERSIGNED OWNERS AND PROPRIETORS

BY: [signature]

TITLE: General Partner

STATE OF VIRGINIA

I, Kathleen L. Small, A NOTARY PUBLIC DO CERTIFY THAT THE PERSON WHOSE NAME IS SIGNED TO THE FOREGOING WRITING HAVE ACKNOWLEDGED THE SAME BEFORE ME IN MY CITY AND STATE AFORESAID. GIVEN UNDER MY HAND THIS 9 DAY OF August, 1988

MY COMMISION EXPIRES Jan. 28, 1989

BY: Kathleen L. Small

THIS SUBDIVISION IS APPROVED BY THE UNDERSIGNED IN ACCORDANCE WITH EXISTING SUBDIVISION REGULATIONS AND MAY BE COMMITTED TO RECORD.

G. N. Hall — 8-3-88

HIGHWAY ENGINEER — DATE

THIS PLAT IS APPROVED BY THE UNDERSIGNED AGENT OF JAMES CITY COUNTY AND MAY BE COMMITTED TO RECORD

AGENT — DATE

AES, a professional corporation — engineers, surveyors, planners — Williamsburg, Virginia

PLAT OF PARCELS A & B

FOR CONVEYANCE FROM MOSS CHINNIS ASSOCIATES TO:
LAFAYETTE FAMILY LIMITED PARTNERSHIP (PARCEL A) AND
LAFAYETTE ELDERLY LIMITED PARTNERSHIP (PARCEL B)

POWHATAN DISTRICT — JAMES CITY COUNTY — VIRGINIA

Scale: 1" = 200'	Ref.: DB 148/433; DB 157/759; PB 4/266	Date: JAN 25, 1988	Job No. 7004

LAFAYETTE APARTMENTS
DROP INLET CALCULATIONS

STORM SEWER #1 (GRADE)

$Q = 7.81$ CFS
$n = 0.015$
$S = 0.005$ FT/FT GUTTER SLOPE (LONGITUDINAL)
$S_x = 0.0208$ FT/FT PAVEMENT CROSS SLOPE
STD CG-6 CURB AND GUTTER SECTION WHERE $W = 2'$ AND $S_W = 0.0833$ FT/FT (CROSS SLOPE ON GUTTER)

FIND: LENGTH OF OPENING FOR 100% INTERCEPTION, EFFICIENCY OF DESIGNED SYSTEM USING STD CG-3 CURB INLET

SOLUTION:

@ 3.5 T=14

FROM CHART #6, READ SPREAD (T) = 16' (PAVEMENT WIDTH = 44' FACE TO FACE)
DEPTH = 0.46'
$W/T = 2/16 = 0.125$, $S_W/S_x = 0.0833/0.0208 = 4$
FROM CHART 10A, READ $E_o = 0.36$
$a = 12W(S_W - S_x)$ + local depression
$a = (0.0833(2) - 0.0208(2))12 + 2 = 3.5$ IN
$S'_W = a/(12W) = 3.5/(12 \cdot 2) = 0.146$ FT/FT

$S_e = S_x + S'_W E_o = 0.0208 + 0.146(0.36) = 0.0734$ FT/FT

FROM CHART 15, READ $L_T = 17.3'$ REQUIRED SLOT LENGTH = 17.3'

EFFICIENCY OF DESIGNED INLET $E = 1 - (1 - L/L_T)^{1.8}$

$E = 1 - (1 - 8/17.3)^{1.8}$

$E = 0.673$ OR 67.3% EFFICIENT

THEREFORE STORM SEWER #1 INTERCEPTS 67% OF RUNOFF AT SS#1 OR $(7.81 \text{ CFS})(.673) = 5.26$ CFS ; 2.55 CFS BYPASSES INLET #1 AND PROCEEDS TO #2

STORM SEWER #2 (GRADE)

$Q = 2.55$ CFS (FROM SS#1) + 2.19 = 4.74 CFS
$n = 0.015$
$S = 0.034$ FT/FT GUTTER SLOPE (LONGITUDINAL)
$S_x = 0.0208$ FT/FT PAVEMENT CROSS SLOPE
STD CG-6 WITH $W = 2'$, $S_W = 0.0833$ FT/FT

SOLUTION

$T = 8.6'$ (PAVEMENT WIDTH = 28' FACE TO FACE) DEPTH = 0.30'
$W/T = 2/8.6 = 0.23$ $S_W/S_x = 0.0833/0.0208 = 4$
$E_o = 0.64$
$a = 3.5$ IN
$S'_W = 0.146$ FT/FT
$S_e = S_x + S'_W E_o = 0.0208 + 0.146(0.64) = 0.114$ FT/FT
$L_T = 0.6(Q)^{.42} S^{0.3} (1/n \cdot S_e)^{0.6} = 19.1$ FT REQ'D SLOT LENGTH = 19.1 FT

$E = 1 - (1 - 8/19.1)^{1.8} = 62.3\%$ EFFICIENT SS#2 INTERCEPTS 62.3% OF RUNOFF OR $(4.74)(0.623) = 2.96$ CFS ; 1.78 CFS BYPASSES INLET #2 AND PROCEEDS TO SS#3

LAFAYETTE APTS (CONT.)

4/8/88
2/5 4/12

STORM SEWER #3 (SUMP)
$Q = 1.78$ CFS (FROM SS#2) + (0.33)(1.38)(FROM SS#5) + 0.90 CFS = 3.14 CFS
$S_x = 0.0208$ FT/FT
STD CG-6 W = 2' L = 10'

FIND SPREAD AT SAG
$P = L + 1.8W = 10 + (1.8)(2) = 13.6$ FT
FROM CHART #17, WATER DEPTH = 0.22'
CHECK FOR APPLICABILITY OF WEIR OPERATION $h = 5.5'' = 0.46'$
$d/h = 0.22/.46 = 0.478$ IS LESS THAN 1.2 SO INLET OPERATES AS WEIR

$T = d/S_x = 0.22/0.0208 = 10.6'$ SPREAD = 10.6' ACCEPTABLE DURING A 10 YEAR STORM SINCE RAINFALL INTENSITY IS HIGH (5.0 IN/HR) AND FLOODED DEPTH RANGES FROM 0 INCHES TO 2.6 INCHES (NOT VERY MUCH)

STORM SEWER #5 (GRADE)
$Q = 1.38$ CFS
$n = 0.015$
$S = 0.0364$ FT/FT (LONG.)
$S_x = 0.0208$ FT/FT (1/4"/FT)
$W = 2'$, $S_w = 0.0833$ FT/FT

SPREAD (T) = 4.2', DEPTH = 0.22'
$W/T = 2/4.2 = 0.476$ $S_w/S_x = 0.0833/0.0208 = 4$
$E_o = 0.94$
$a = 3.5$ IN
$S'_w = a/12W = 3.5/12(2) = 0.146$ FT/FT
$S_e = S_x + S'_w E_o = 0.0208 + 0.146(0.94) = 0.158$ FT/FT

$L_T = 9.56'$
$E = 1 - (1 - 4/9.56)^{1.8} = 62.3\%$

THEREFORE SS#5 INTERCEPTS 62.3% OF RUNOFF AT SS#5 OR (0.623)(1.38) = 0.86 CFS
0.52 CFS BYPASSES INLET #5 AND PROCEEDS TO SS#3

STORM SEWER #4 (SUMP)
$Q = 4.85$ CFS
$S_x = 0.0313$ FT/FT
$W = 2'$, $L = 6'$
FIND SPREAD AT SAG
$P = L + 1.8W = 6 + 1.8(2) = 9.6'$
FROM CHART #17, WATER DEPTH = 0.36'
CHECK FOR WEIR OPERATION $h = 5.5' = 0.46'$
$d/h = 0.36/0.46 = 0.78 < 1.2$ SO INLET OPERATES AS WEIR

$T = d/S_x = 0.36/0.0313 = 11.5'$ SPREAD = 11.5' ACCEPTABLE AS SPREAD IS LIMITED TO ONLY 2/3 OF 1 PARKING SPACE

LAFAYETTE APTS (CONT.)

4/12/88
3/5

SS#9 (SUMP)
Q = 4.10 CFS
S_x = 0.0313 FT/FT
W = 2' L = 10'
FIND SPREAD AT SAG
P = L + 1.8W = 10 + (1.8)(2) = 13.6'
FROM CHART #17, WATER DEPTH = 0.26'
CHECK FOR WEIR OPERATION h = 5.5" = 0.46'
d/h = 0.26/0.46 = 0.565 < 1.2 SO INLET OPERATES AS WEIR

T = d/S_x = 0.26/0.0313 = 8.3' ACCEPTABLE

SS#6 (SUMP)
Q = 2.05 CFS
S_x = 0.0208 FT/FT
W = 2', L = 8'
FIND SPREAD AT SAG
P = L + 1.8W = 8 + (1.8)(2) = 11.6'
FROM CHART #17, WATER DEPTH = 0.18'
d/h = 0.18/0.46 = 0.39 < 1.2 SO INLET OPERATES AS WEIR

T = d/S_x = 0.18/0.0208 = 8.7' ACCEPTABLE SINCE DEPTH IS ONLY ABOUT 2" AND EXTENDS ONLY 8.7' FROM CURB

SS#11 (SUMP)
Q = 2.76 CFS + 0.20 (SS#12) = 2.96 CFS
S_x = 0.0625 FT/FT
W = 2', L = 10'
FIND SPREAD AT SAG
P = L + (1.8)(W) = 10 + (1.8)(2) = 13.6'
FROM CHART #17, WATER DEPTH = 0.22
d/H = 0.22/0.46 = 0.48 < 1.2 SO INLET OPERATES AS WEIR

T = d/S_x = 0.22/0.0625 = 3.5' VERY ACCEPTABLE

LAFAYETTE APTS (CONT)

4/12/88
4/5

SS#15 (GRADE)

$Q = 1.60$ CFS
$n = 0.015$
$S = 0.005$ FT/FT (LONG.)
$S_x = 0.0625$ FT/FT (3/4"/FT)
$W = 2'$, $S_w = 0.0833$ FT/FT

SPREAD (T) = 4.4', DEPTH = 0.23'
$W/T = 2/4.4 = 0.45$ $S_w/S_x = 0.0833/0.0625 = 1.33$
$E_o = 0.82$
$a = (0.0833(2) - 0.0625(2))12 + 2 = 2.5''$
$S'_w = a/12W = 2.5/(12)(2) = 0.104$ FT/FT
$S_e = S_x + S'_w E_o = 0.0625 + 0.104(0.82) = 0.148$ FT/FT

$L_T = 5.83'$
$E = 1 - (1 - 6/5.83)^{1.8} = 100\%$

THEREFORE SS#15 INTERCEPTS 100% OF RUNOFF AT SS#15 OR 1.60 CFS.

SS#12 (GRADE)

$Q = 0.74$ CFS
$n = 0.015$
$S = 0.009$ FT/FT (LONG.)
$S_x = 0.0208$ FT/FT (1/4"/FT)
$W = 2'$, $S_w = 0.0833$ FT/FT

SPREAD (T) = 4.4', DEPTH = 0.23'
$W/T = 2/4.4 = 0.45$ $S_w/S_x = 0.0833/0.0208 = 4$
$E_o = 0.92$
$a = 3.5''$
$S'_w = a/12W = 3.5/(12)(2) = 0.146$ FT/FT
$S_e = S_x + S'_w E_o = 0.0208 + (0.146)(0.92) = 0.155$ FT/FT

$L_T = 4.9'$
$E = 1 - (1 - 2.5/4.9)^{1.8} = 72.3\%$

THEREFORE SS#12 INTERCEPTS 72.3% OF RUNOFF AT SS#12 OR (0.723)(0.74) = 0.54 CFS; ONLY 0.20 CFS BYPASSES SS#12 AND PROCEEDS TOWARDS SS#11

LAFAYETTE APTS (CONT.)

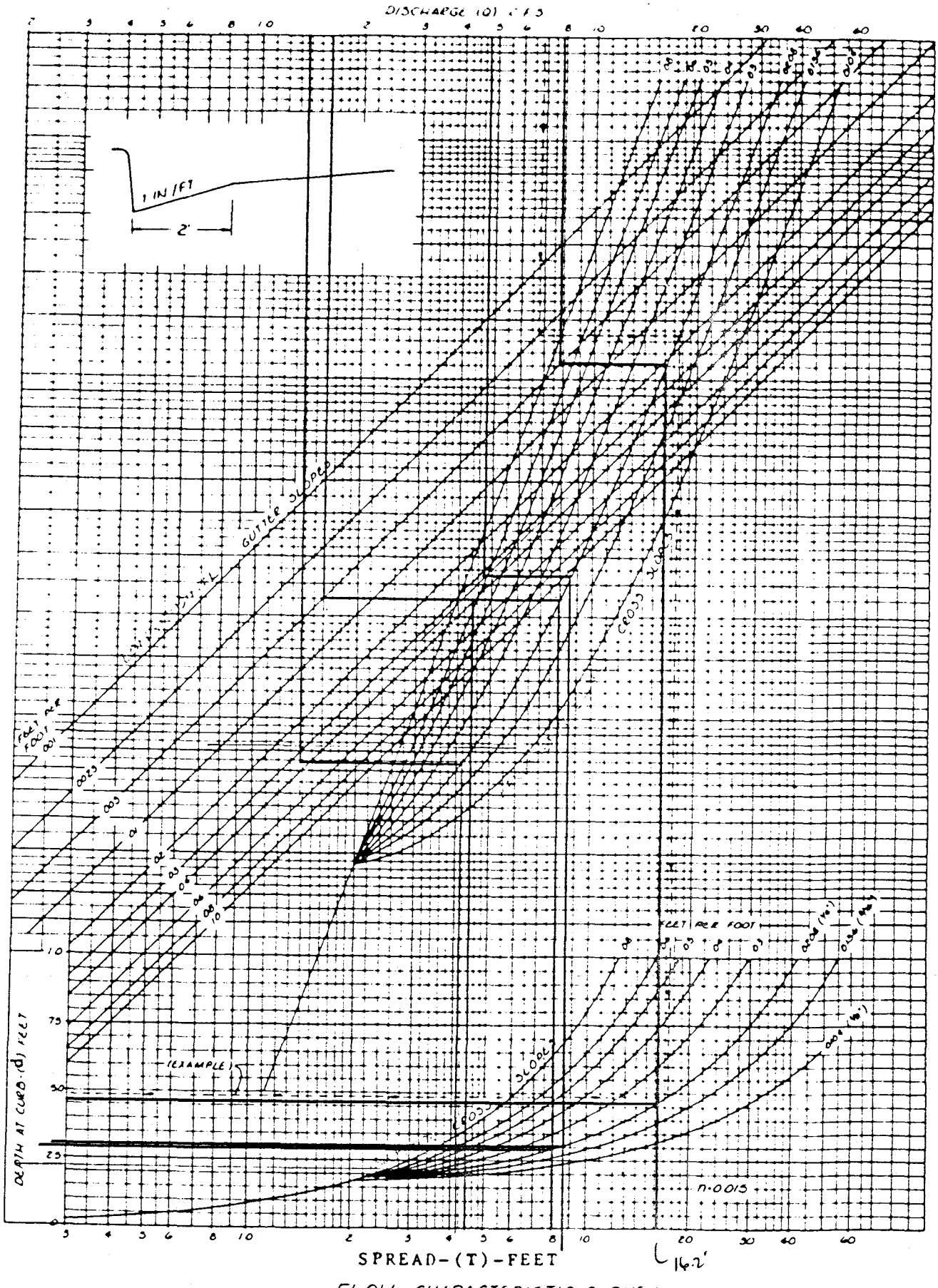
4/12/88
5/5

SS#13 (GRADE)

$Q = 0.15$ CFS
$n = 0.015$
$S = 0.011$ FT/FT (LONG.)
$S_x = 0.0208$ FT/FT (1/4"/FT)
$W = 2'$, $S_W = 0.0833$ FT/FT

SPREAD (T) = OFF CHART (NEGLIGIBLE) ∴

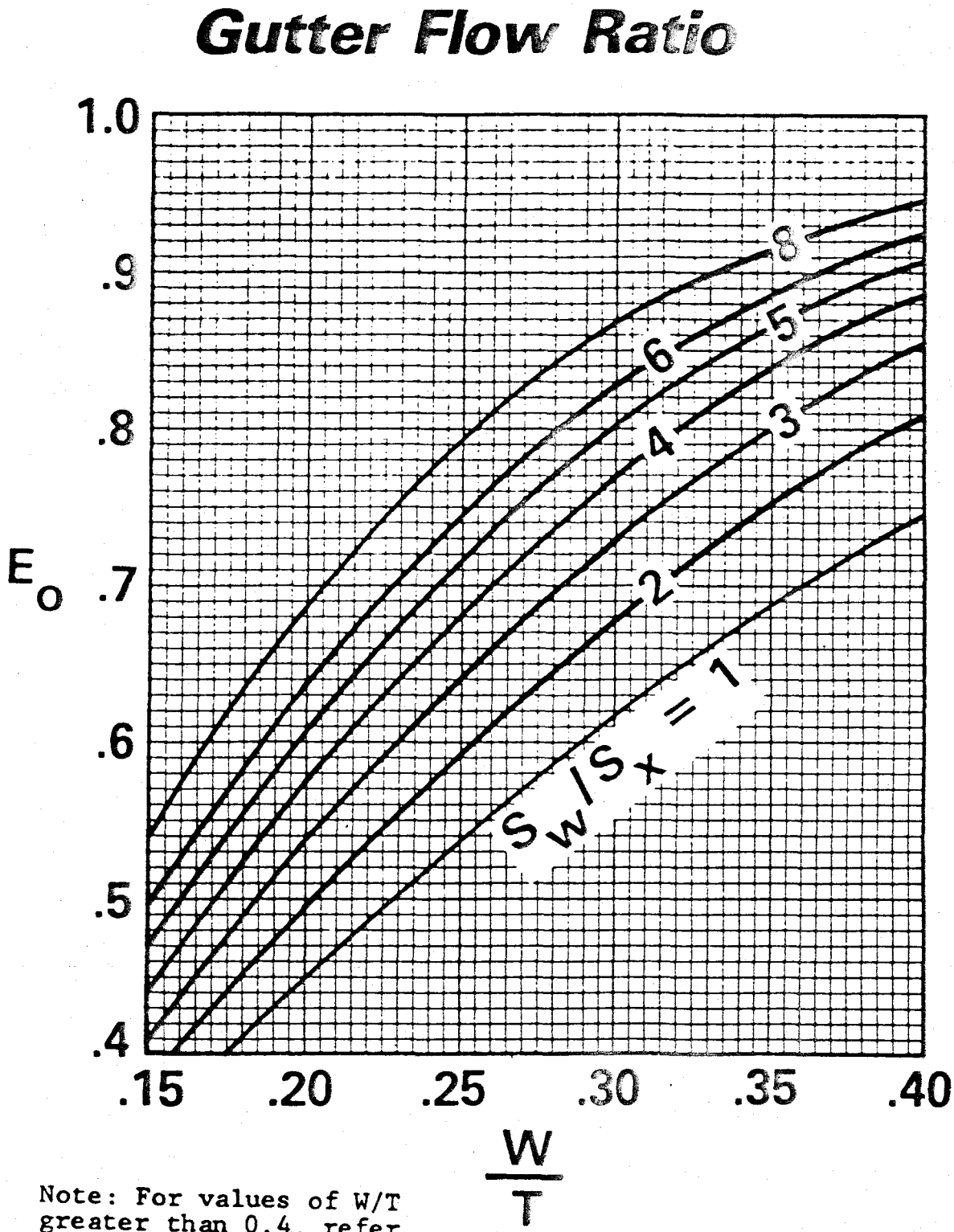
ASSUME SS#13 INTERCEPTS ALL FLOW DUE TO THE VERY LOW STORM FLOW



FLOW CHARACTERISTIC CURVES

STRAIGHT CROSS SLOPES
CURB & 2 FT GUTTER - 1 IN FT

CHART 10 RATIO OF FRONTAL FLOW TO TOTAL GUTTER FLOW



Note: For values of W/T greater than 0.4, refer to Chart 10-A on the following page.

PC038_WILLIAMSBURG_LAFAYETTE_VILLAGE_FAMILY_ELDERLY - 021

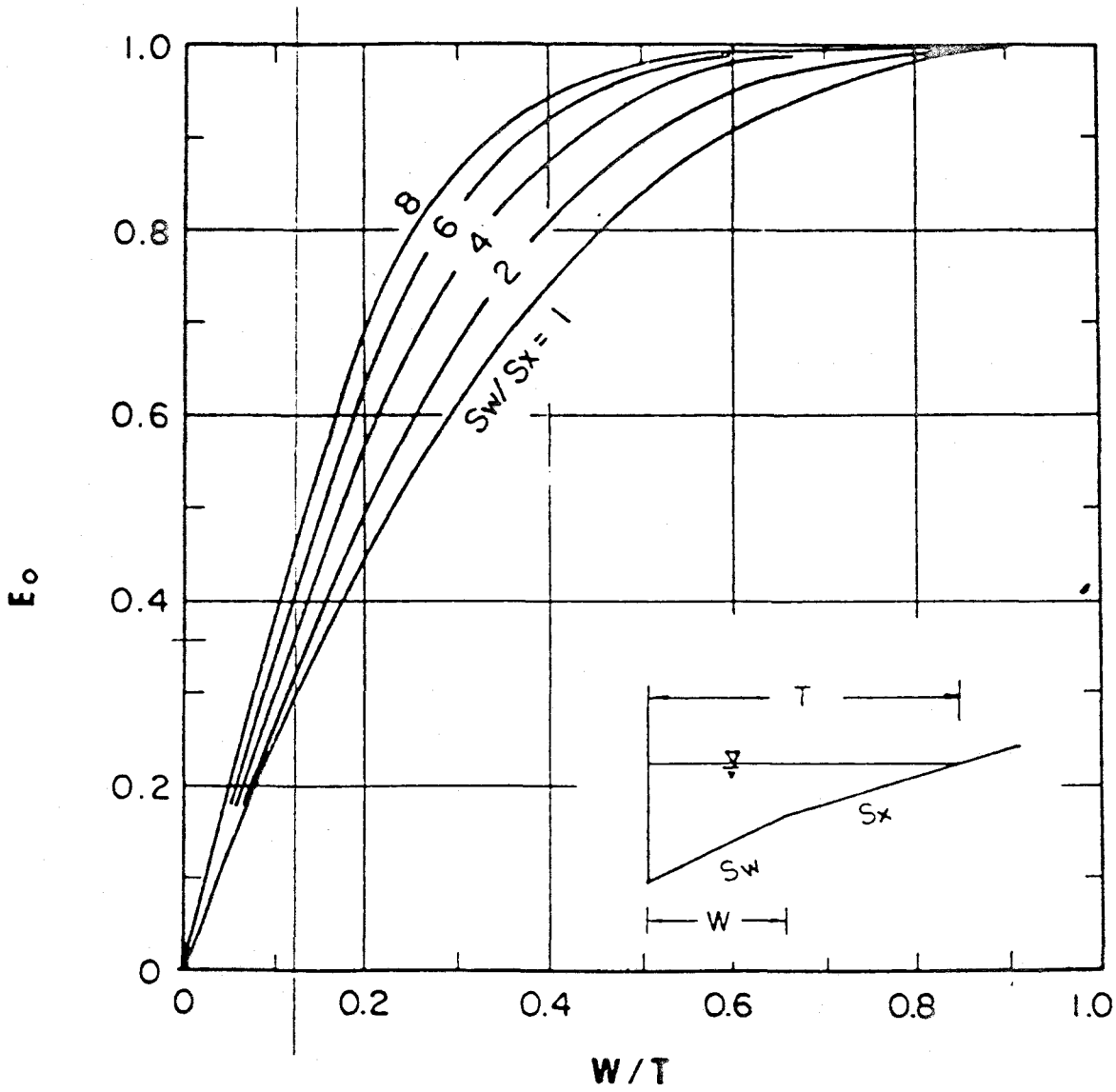


CHART 10A Ratio of frontal flow to total gutter flow.

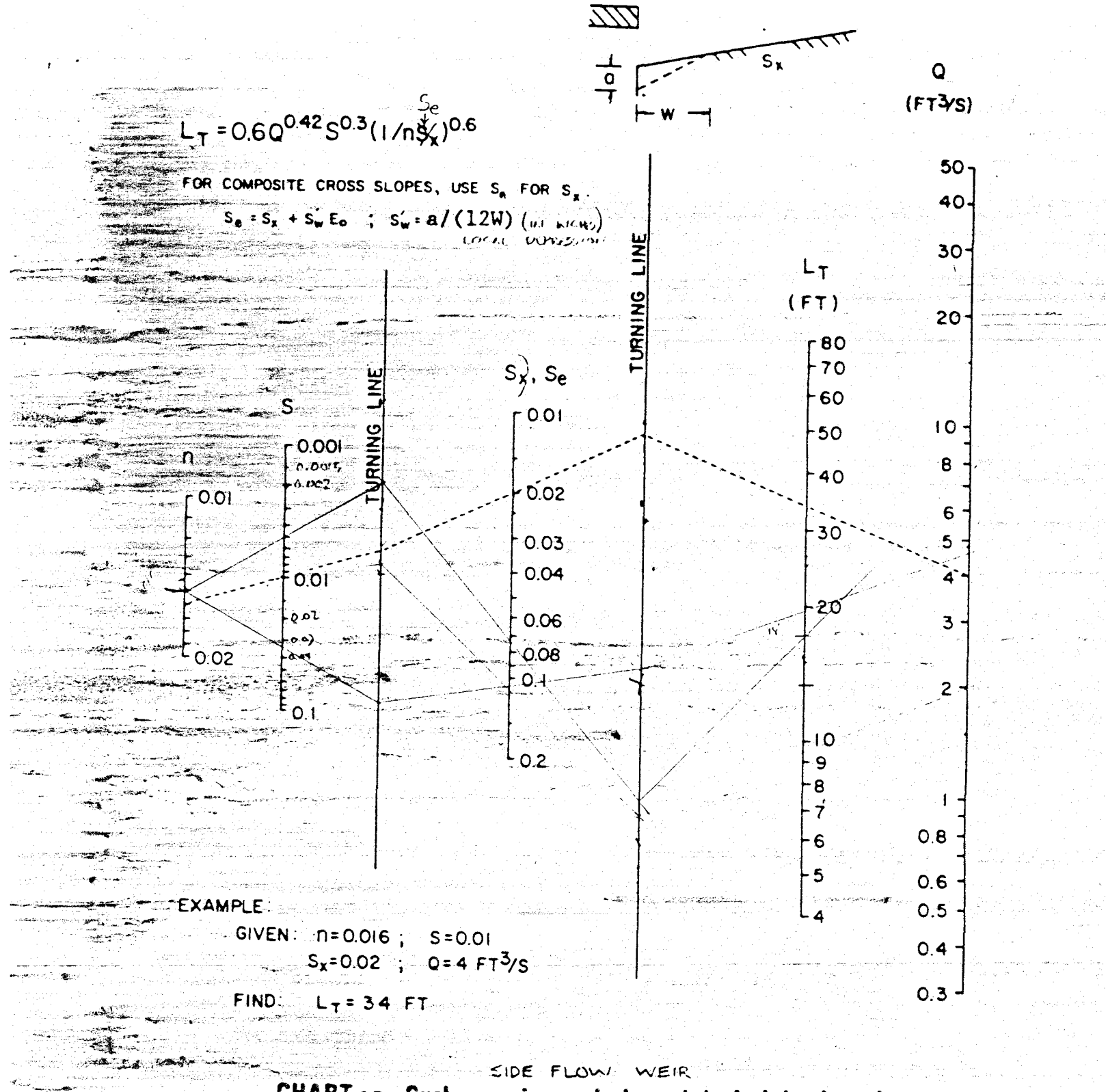
Note: If W/T is greater than 1.0, use W/T equals 1.0.

$$L_T = 0.6 Q^{0.42} S^{0.3} (1/n S_e)^{0.6}$$

FOR COMPOSITE CROSS SLOPES, USE S_e FOR S_x.

$S_e = S_x + S_w' E_o$; $S_w' = a/(12W)$ (in inches)

LOCAL DEPRESSION



EXAMPLE:

GIVEN: $n = 0.016$; $S = 0.01$

$S_x = 0.02$; $Q = 4\ FT^3/S$

FIND: $L_T = 34$ FT

SIDE FLOW WEIR

CHART 15 Curb-opening and slotted drain inlet length for total interception.

$(1/n S_e)^{0.6}$

SYDNOR - RAY CRAMER
GAMMON

Rev 6-85

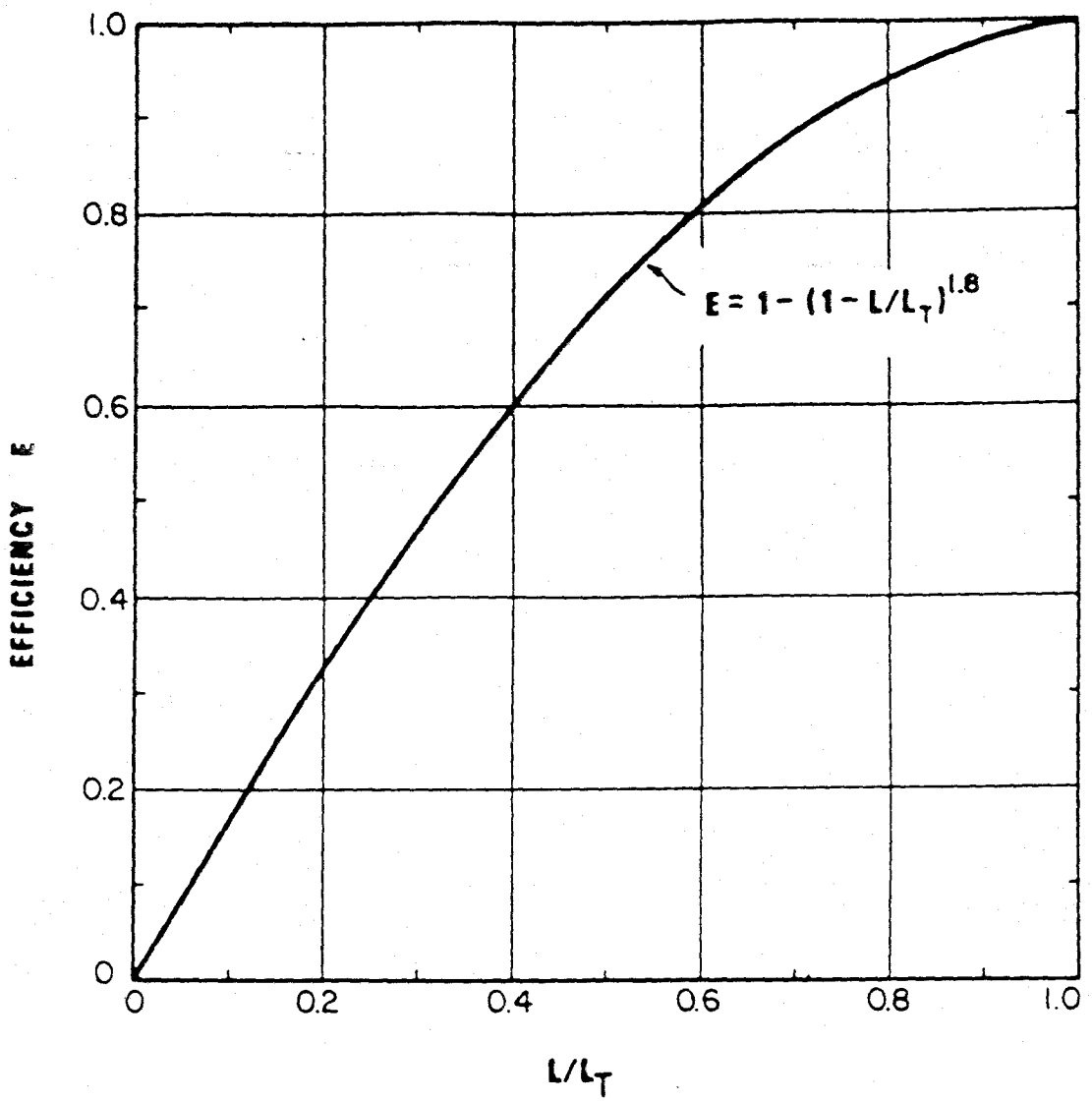


CHART 16 Curb-opening and slotted drain inlet interception efficiency.

PC038_WILLIAMSBURG_LAFAYETTE_VILLAGE_FAMILY_ELDERLY - 024

SAG SITUATION

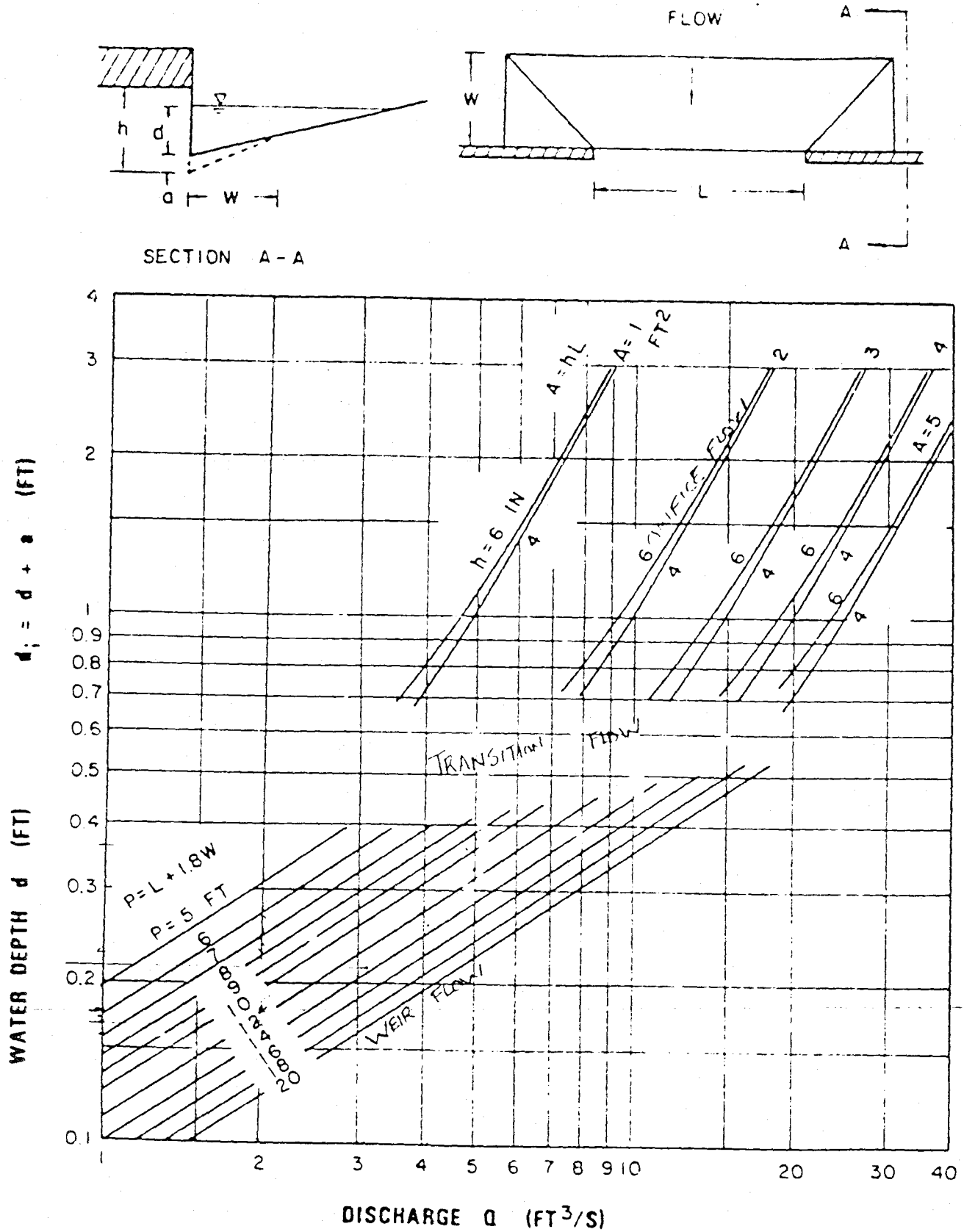


CHART 17 Depressed curb-opening inlet capacity in sump locations.

NOTE: For VDH&T Standard Inlets use this chart for weir flow only.

PC038_WILLIAMSBURG_LAFAYETTE_VILLAGE_FAMILY_ELDERLY - 025

2/8/93

STORM SEWER DESIGN COMPUTATIONS

L & D 229

ROUTE _____ PROJ. LAFAYETTE MANOR EXPANSION (7004)
COUNTY James City DISTRICT _____
DESCRIPTION _____

SHEET 1 OF _____

FROM POINT	TO POINT	AREA DRAIN. "A" ACRES	RUN-OFF COEF. C	CA INCRE-MENT	CA ACCUM-ULATED	INLET TIME MIN-UTES	RAIN FALL IN./HR.	RUNOFF Q C.F.S.	INVERT ELEVATIONS UPPER END	INVERT ELEVATIONS LOWER END	LENGTH FT.	SLOPE FT./FT.	DIA. IN.	CAPA-CITY C.F.S.	VEL. F.P.S.	FLOW TIME SEC.	REMARKS
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
SS#1	SS#2	2.84	0.55	1.56	1.56	15	5	7.81	69.75	67.64	230	0.0092	18	10.2	6.3		
SS#2	SS#3	0.98	0.45	0.44	2.00	15	5	10.00	67.54	65.14	124	0.0194	18	14.5	8.9		
SS#5	SS#4	0.45	0.50	0.23	0.23	10	6	1.38	67.67	67.[illegible]1	77	0.005	12	2.5	3.6		
SS#4	SS#3	1.48	0.50	0.74	0.97	15	5	4.85	67.00	65.39	150	0.0107	15	6.8	6.0		
SS#3	SS#6	0.44	0.40	0.18	3.15	15	5	15.75	65.04	64.00	34	0.0306	18"	18.5	12.0		
SS#6	SS#7	0.45	0.90	0.41	3.56	15	5	17.80	63.90	58.83	126	0.0402	18"	21.0	13.6		
SS#7	SS#8	0.22	0.55	0.12	3.68	15	5	18.40	58.25	57.00	153	0.008	24"	20	7.4		
SS#9	SS#8	1.38	0.60	0.82	0.82	15	5	4.10	62.56	58.00	100	0.0456	12"	7.5	10.0		
SS#8	SS#10	0.34	0.65	0.22	4.72	15	5	23.60	57.00	52.85	346	0.0120	24"	24.5	9.1		
SS#11	SS#12	0.92	0.60	0.55	0.55	15	5	2.76	75.15	74.60	90	0.0061	12"	2.8	4.1		
SS#12	SS#13	0.33	0.45	0.15	0.70	15	5	3.50	74.50	73.69	81	0.01	12	3.6	5.3		
SS#13	SS#10	0.03	1.0	0.03	0.73	15	5	3.65	73.59	53.85	344	0.0573	12	8.5	10.3		

2/8/88

STORM SEWER DESIGN COMPUTATIONS

L & D 229

ROUTE _____ PROJ. LAFAYETTE MANOR EXPANSION (7004)
COUNTY JAMES CITY DISTRICT _____
DESCRIPTION _____

SHEET 2 OF ____

FROM POINT	TO POINT	AREA DRAIN. "A" ACRES	RUN-OFF COEF. C	CA INCRE-MENT	CA ACCUM-ULATED	INLET TIME MIN-UTES	RAIN FALL IN./HR.	RUNOFF Q C.F.S.	INVERT ELEVATIONS UPPER END	INVERT ELEVATIONS LOWER END	LENGTH FT.	SLOPE FT./FT.	DIA. IN.	CAPA-CITY C.F.S.	VEL. F.P.S.	FLOW TIME SEC.	REMARKS
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
SS#10	SS#14	0.43	0.60	0.26	5.71	15	5	28.55	52.75	~~51.5~~	24	~~0.0521~~	24"	~~50~~	16.5		PAVED TO ~~SED POND~~
										51.5		0.025		35.8			DITCH
SS#15	SS#16	0.54	0.60	0.32	0.32	15	5	1.60	78.08	69.83	98	0.0842	12	10	9.1		
SS#16	SS#17	0.91	0.50	0.50	0.82	15	5	4.08	69.73	67.00	60	0.0455	12	7.5	9.9		TO SED POND

Project LAFAYETTE MANOR EXPANSION

J.N 7004

Plan Sheet No 2 Designer VMB

Rev Date _____ Date _____

Sheet 1 of 1

HYDROLOGICAL DATA

CULVERT #1

PRE-DEVELOPMENT CONDITIONS

DA = 9.9 AC

Tc = 25 min

I_5 = 3.5 in/hr

I_{10} = 4.0 in/hr

C = 0.22

Q = CIA

AHW Controls

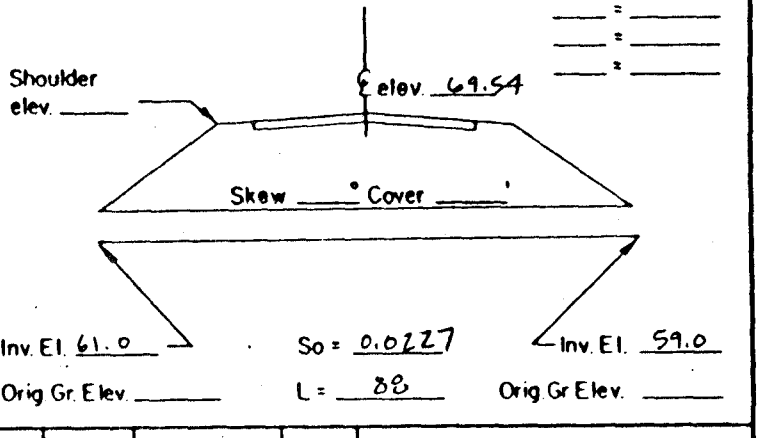
STATION 13+21

100 yr. Flood plain _____ elev. _____

Design AHW depth 6 elev. 68

Structures _____ elev. _____

freq	TW elev.



DISCHARGES USED

Q 5 = 7.62 CFS

Q 10 = 8.71 CFS

Q ____ = _____ CFS

Q ____ = _____ CFS

Q ____ = _____ CFS

RISK ASSESSMENT

ADT _____

Detours Available _____, Length _____

Overtopping Stage _____

Flood Plain Management _____

Criteria and Significant Impact _____

CULVERT TYPE & SIZE	Q	Q/B	HEADWATER COMPUTATIONS									CONT HW. ELEV.	OUTLET VELOCITY		End Treat	COMMENTS
			INLET CONT.		OUTLET CONTROL											
			HW/D	HW	Ke	dc	$\frac{dc+D}{2}$	ho	H	LSo	HW		C.M.	Smooth		
12" RCP w/ES-2	8.71		6	6	0.5	1.25	1.125	1.125	6.8	2	5.9	INLET				GOOD!

SUMMARY & RECOMMENDATIONS

Design Flood Exceed. Prob. _____ Elev. _____

Overtop Flood Exceed. Prob. _____ Elev. _____

Base Flood 1% Exceed. Prob. _____ Elev. _____

2/8/88

STORM SEWER DESIGN COMPUTATIONS

L & D 229

ROUTE _____ PROJ. LAFAYETTE MANOR EXPANSION (7004)
COUNTY JAMES CITY DISTRICT _____
DESCRIPTION _____

SHEET 1 OF _____

FROM POINT	TO POINT	AREA DRAIN. "A" ACRES	RUN-OFF COEF. C	CA INCRE-MENT	CA ACCUM-ULATED	INLET TIME MIN-UTES	RAIN FALL IN./HR.	RUNOFF Q C.F.S.	INVERT ELEVATIONS UPPER END	INVERT ELEVATIONS LOWER END	LENGTH FT.	SLOPE FT./FT.	DIA. IN.	CAPA-CITY C.F.S.	VEL. F.P.S.	FLOW TIME SEC.	REMARKS
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
SS#1	SS#2	2.84	0.55	1.56	1.56	15	5	7.81	69.75	67.64	230	0.0092	18'	10.2	6.3		
SS#2	SS#3	0.98	0.45	0.44	2.00	15	5	10.00	67.54	65.14	124	0.0194	18	14.5	8.9		
SS#5	SS#4	0.45	0.50	0.23	0.23	10	6	1.38	67.67	67.21	77	0.005	12	2.5	3.6		
SS#4	SS#3	1.48	0.50	0.74	0.97	15	5	4.85	67.00	65.39	150	0.0107	15	6.8	6.0		
SS#3	SS#6	0.44	0.40	0.18	3.15	15	5	15.75	65.04	64.00	34	0.0306	18"	18.5	12.0		
SS#6	SS#7	0.45	0.90	0.41	3.56	15	5	17.80	63.90	58.83	126	0.0402	18"	21.0	13.6		
SS#7	SS#8	0.22	0.55	0.12	3.68	15	5	18.40	58.25	57.00	153	0.008	24"	20	7.4		
SS#9	SS#8	1.38	0.60	0.82	0.82	15	5	4.10	62.56	58.00	100	0.0456	12"	7.5	10.0		
SS#8	SS#10	0.34	0.65	0.22	4.72	15	5	23.60	57.00	52.88	346	0.0120	24"	24.5	9.1		
SS#11	SS#12	0.92	0.60	0.55	0.55	15	5	2.76	75.15	74.60	90	0.0061	12"	2.8	4.1		
SS#12	SS#13	0.33	0.45	0.15	0.70	15	5	3.50	74.50	73.69	81	0.01	12	3.6	5.3		
SS#13	SS#10	0.03	1.0	0.03	0.73	15	5	3.65	73.59	53.85	344	0.0573	12	8.5	10.3		

2/8/88

STORM SEWER DESIGN COMPUTATIONS

L & D 229

ROUTE _____ PROJ. LAFAYETTE MANOR EXPANSION (7004)
COUNTY JAMES CITY DISTRICT _____
DESCRIPTION _____

SHEET 2 OF ____

FROM POINT	TO POINT	AREA DRAIN. "A" ACRES	RUN-OFF COEF. C	CA INCRE-MENT	CA ACCUM-ULATED	INLET TIME MIN-UTES	RAIN FALL IN./HR.	RUNOFF Q C.F.S.	INVERT ELEVATIONS UPPER END	INVERT ELEVATIONS LOWER END	LENGTH FT.	SLOPE FT./FT.	DIA. IN.	CAPA-CITY C.F.S.	VEL. F.P.S.	FLOW TIME SEC.	REMARKS
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
SS#10	SS#14	0.43	0.60	0.26	5.71	15	5	28.55	52.75	51.5	24	0.0521	24"	50	16.5		TO SED POND
SS#15	SS#16	0.54	0.60	0.32	0.32	15	5	1.60	78.08	69.83	98	0.0842	12	10	9.1		
SS#16	SS#17	0.99	0.50	0.50	0.82	15	5	4.08	69.73	67.00	60	0.0455	12	7.5	9.9		TO SED POND

Project LAFAYETTE MANOR EXPANSION
J.N 7004

Plan Sheet No. 2 Designer VMB
Rev. Date _____ Date _____

Sheet 1 of 1

HYDROLOGICAL DATA:

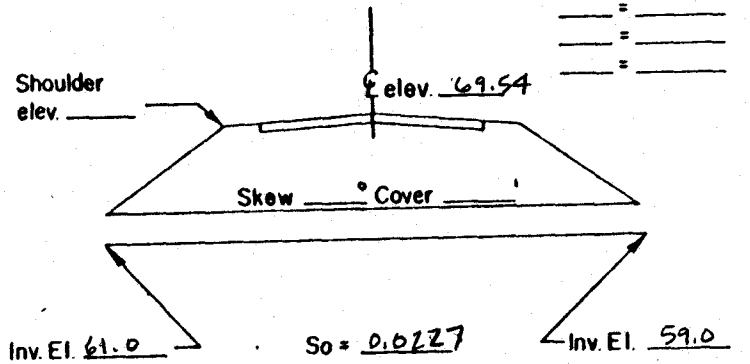
CULVERT #1
PRE-DEVELOPMENT CONDITIONS

DA = 9.9 AC.
Tc = 25 MIN
I_5 = 3.5 IN/HR
I_{10} = 4.0 IN/HR
C = 0.22
Q = CIA

AHW Controls
100 yr. Flood plain _____ elev. _____
Design AHW depth 6 elev. 68
Structures _____ elev. _____

STATION: 13+21

freq. TW elev.
_____ = _____
_____ = _____
_____ = _____
_____ = _____
_____ = _____



DISCHARGES USED
Q 5 = 7.62 CFS
Q 10 = 8.71 CFS
Q ____ = _____ CFS
Q ____ = _____ CFS
Q ____ = _____ CFS

RISK ASSESSMENT
ADT _____
Detours Available _____, Length _____
Overtopping Stage _____
Flood Plain Management _____
Criteria and Significant Impact _____

CULVERT TYPE & SIZE	Q	Q/B	HEADWATER COMPUTATIONS: INLET CONT. HW/D	INLET CONT. HW	OUTLET CONTROL Ke	dc	(dc+D)/2	ho	H	LSo	HW	CONT. HW. ELEV.	OUTLET VELOCITY C.M.	OUTLET VELOCITY Smooth	End Treat.	COMMENTS
12" RCP w/ES-2	8.71		6	6	0.5	1.25	1.125	1.125	6.8	-2	5.9	INLET				GOOD!

Design Flood Exceed. Prob. _____ Elev. _____
Overtop Flood Exceed. Prob. _____ Elev. _____
Base Flood 1% Exceed. Prob. _____ Elev. _____

SUMMARY & RECOMMENDATIONS:

22 (5-18)

(Rev. 1/85)

Divisions
Forestry
Historic Landmarks
Litter Control
Parks and Recreation
Soil and Water Conservation

COMMONWEALTH of VIRGINIA

Department of Conservation and Historic Resources

Division of Historic Landmarks
H. Bryan Mitchell, Director

Research Center for Archaeology
Route 238, P.O. Box 368
Yorktown, Virginia 23690
Telephone (804) 253-4836

February 27, 1986

Mr. Kenneth Owens
Environmental Developers
3915 Wistar Road
Richmond, VA 23228

Dear Mr. Owens:

Our agency has completed its review of the Phase I archaeological survey of Section II development, Lafayette Family-Lafayette Elderly Complex, Longhill Road, James City County, Virginia, by the Department of Anthropology, College of William and Mary.

Based upon information contained in the above survey permit we recommend that should the prehistoric site (44JC395) be impacted by construction activities a Phase II significance evaluation is warranted. The historic site (44JC396) does not appear to be potentially eligible for inclusion to the National Register of Historic Places, therefore we do not feel a Phase II evaluaion is necessary.

It is our understanding that 44JC395 will not be impacted by this project. Therefore, we have no objection to this project going to construction.

Should you have any questions on the above comments please do not hesitate to contact this office.

Sincerely,

Bruce T. Larson
Review & Compliance Coordinator

cc: John Slusser

Mailing Address:
P.O. Box JC
Williamsburg, Va.
23187-3627

JAMES CITY COUNTY

DEPARTMENT OF DEVELOPMENT MANAGEMENT
COUNTY GOVERNMENT CENTER, 101 MOUNTS BAY ROAD

Development Manager
(804) 253-6671
Code Compliance
253-6626
County Engineer
253-6678
Planning
253-6685

July 9, 1991

Mr. Robert C. Moore, III
Peerless Insurance Company
4900 Augusta Avenue
Richmond, VA 23230

RE: Lafayette Family and Elderly Apartments

Dear Mr. Moore:

The purpose of this letter is authorize release of the $144,000 Erosion Control Bond No. R2-10-95 posted to guarantee the installation of erosion and sediment control measures for the above referenced project. All disturbed areas have been satisfactorily stabilized in accordance with the Siltation Agreement and the approved plans.

Sincerely,

Darryl E. Cook

Darryl E. Cook
Development Engineer

cc: Lafayette Family, Ltd. Partnership

Mailing Address:
P.O. Box JC
Williamsburg, Va.
23187-3627

JAMES CITY COUNTY

DEPARTMENT OF DEVELOPMENT MANAGEMENT
COUNTY GOVERNMENT CENTER, 101 MOUNTS BAY ROAD

Development Manager
(804) 253-6671
Code Compliance
253-6626
County Engineer
253-6678
Planning
253-6685

June 4, 1991

Lafayette Elderly/Lafayette Family
2717 Willard Road
Richmond, VA 23229

RE: Lafayette Elderly and Family Apartments

Dear Mr. Owens:

Your Erosion Control Plan and Land Disturbing Permit for the above-referenced project expires on July 12, 1991. As construction is not yet complete and all disturbed areas are not stabilized, it will be necessary to extend the plan and permit. Because your existing plan is adequate, submission of an updated Erosion Control Plan is not required.

Please sign the attached permit where indicated and return to this office. This application for a renewed permit and plan must be received by July 5, 1991. Otherwise, the Erosion Control Plan becomes void, and the Land Disturbing Permit will be revoked. If the plan becomes void, no further land disturbing activities will be allowed and no further permits will be issued by the County until the plan is reapproved.

Please call me if you have any questions.

Sincerely,

Jean Scott

Jean Scott
Management Assistant

JS/bkh
0365C
5119c

Attachment

Mailing Address:
P.O. Box JC
Williamsburg, Va.
23187-3627

JAMES CITY COUNTY

DEVELOPMENT MANAGEMENT DEPARTMENT
COUNTY GOVERNMENT CENTER, 101 MOUNTS BAY ROAD

Development Manager
(804) 253-6671
Code Compliance
253-6626
County Engineer
253-6678
Planning
253-6685

February 26, 1991

Mr. Kenneth Owens
Lafayette Family/Lafayette Elderly Ltd Partnership
2717 Willard Road
Richmond, VA 23229

RE: Lafayette Family and Elderly Apartments

Dear Mr. Owens:

The purpose of this letter is to authorize a reduction in the $144,000 Erosion Control Bond No. R2-10-95 posted to guarantee the installation of erosion control measures for the above referenced project. Based on the amount of work completed to date, the bond can be reduced to $10,000. The remaining surety will be released upon final stabilization of all disturbed areas in accordance with the Siltation Agreement and the approved plans.

Sincerely,

Darryl E. Cook

Darryl E. Cook
Engineer

cc: Mr. Robert Moore, III
Peerless Insurance Company

Mailing Address:
P.O. Box JC
Williamsburg, Va.
23187-3627

JAMES CITY COUNTY

DEPARTMENT OF DEVELOPMENT MANAGEMENT

COUNTY GOVERNMENT CENTER, 101 MOUNTS BAY ROAD

Development Manager
(804) 253-6671
Code Compliance
253-6626
County Engineer
253-6678
Planning
253-6685

November 28, 1990

Lafayette Elderly/Lafayette Family
2717 Willard Road
Richmond, VA 23229

RE: Lafayette Elderly and Family Apartments

Dear Mr. Owens:

Your Erosion Control Plan and Land Disturbing Permit for the above-referenced project expires on January 12, 1991. As construction is not yet complete and all disturbed areas are not stabilized, it will be necessary to extend the plan and permit. Because your existing plan is adequate, submission of an updated Erosion Control Plan is not required.

Please sign the attached permit where indicated and return to this office. This application for a renewed permit and plan must be received by January 4, 1991. Otherwise, the Erosion Control Plan becomes void, and the Land Disturbing Permit will be revoked. If the plan becomes void, no further land disturbing activities will be allowed and no further permits will be issued by the County until the plan is reapproved.

Please call me if you have any questions.

Sincerely,

Jean Scott

Jean Scott
Management Assistant

JS/dlh
0365C
5019c

Attachment

Mailing Address:
P.O. Box JC
Williamsburg, Va.
23187-3627

JAMES CITY COUNTY

DEPARTMENT OF DEVELOPMENT MANAGEMENT

COUNTY GOVERNMENT CENTER, 101 MOUNTS BAY ROAD

Development Manager
(804) 253-6671
Code Compliance
253-6626
County Engineer
253-6678
Planning
253-6685

June 5, 1990

Lafayette Elderly/Lafayette Family
2717 Willard Road
Richmond, VA 23229

RE: Lafayette Elderly Apartments and Lafayette Family Apartments

Dear Mr. Owens:

Your Erosion Control Plan and Land Disturbing Permit for the above-referenced project expires on July 12, 1990. As construction is not yet complete and all disturbed areas are not stabilized, it will be necessary to extend the plan and permit. Because your existing plan is adequate, submission of an updated Erosion Control Plan is not required.

Please sign the attached permit where indicated and return to this office. This application for a renewed permit and plan must be received by July 5, 1990. Otherwise, the Erosion Control Plan becomes void, and the Land Disturbing Permit will be revoked. If the plan becomes void, no further land disturbing activities will be allowed and no further permits will be issued by the County until the plan is reapproved.

Please call me if you have any questions.

Sincerely,

Jean Scott

Jean Scott
Management Assistant

JS/dlh
0365C
4925c

Attachment

Mailing Address:
P.O. Box JC
Williamsburg, Va.
23187-3627

JAMES CITY COUNTY

DEPARTMENT OF DEVELOPMENT MANAGEMENT
COUNTY GOVERNMENT CENTER, 101 MOUNTS BAY ROAD

Development Manager
(804) 253-6671
Code Compliance
253-6626
County Engineer
253-6678
Planning
253-6685

December 7, 1989

Lafayette Elderly/Lafayette Family
2717 Willard Road
Richmond, VA 23229

RE: Lafayette Elderly and Lafayette Family Apartments

Dear Mr. Owens:

Your Erosion Control Plan and Land Disturbing Permit for the above-referenced project expires on January 12, 1990. As construction is not yet complete and all disturbed areas are not stabilized, it will be necessary to extend the plan and permit. Because your existing plan is adequate, submission of an updated Erosion Control Plan is not required.

Please sign the attached permit where indicated and return to this office. This application for a renewed permit and plan must be received by January 5, 1990. Otherwise, the Erosion Control Plan becomes void, and the Land Disturbing Permit will be revoked. If the plan becomes void, no further land disturbing activities will be allowed and no further permits will be issued by the County until the plan is reapproved.

Please call me if you have any questions.

Sincerely,

Jean Scott

Jean Scott
Management Assistant

JS/dlh
0365C
4816c

Attachment

Mailing Address:
P.O. Box JC
Williamsburg, Va.
23187-3627

JAMES CITY COUNTY

DEPARTMENT OF DEVELOPMENT MANAGEMENT
COUNTY GOVERNMENT CENTER, 101 MOUNTS BAY ROAD

Development Manager
(804) 253-6671
Code Compliance
253-6626
County Engineer
253-6678
Planning
253-6685

June 14, 1989

Lafayette Elderly/Lafayette Family
2717 Willard Road
Richmond, VA 23229

RE: Lafayette Elderly Apartment and Lafayette Family Apartments

Dear Mr. Owens:

Your Erosion Control Plan and Land Disturbing Permit for the above-referenced project expires on July 12, 1989. As construction is not yet complete and all disturbed areas are not stabilized, it will be necessary to extend the plan and permit. Because your existing plan is adequate, submission of an updated Erosion Control Plan is not required.

Please sign the attached permit where indicated and return to this office. This application for a renewed permit and plan must be received by July 5, 1989. Otherwise, the Erosion Control Plan becomes void, and the Land Disturbing Permit will be revoked. If the plan becomes void, no further land disturbing activities will be allowed and no further permits will be issued by the County until the plan is reapproved.

Please call me if you have any questions.

Sincerely,

Jean Scott

Jean Scott
Management Assistant

JS/dlh
0365C
4591c

Attachment

Mailing Address:
P.O. Box JC
Williamsburg, Va.
23187-3627

Tel. 253-6626

JAMES CITY COUNTY

OFFICE OF CODE COMPLIANCE
COUNTY GOVERNMENT CENTER, 101 MOUNTS BAY ROAD

December 8, 1988

Lafayette Elderly/Lafayette Family
2717 Willard Road
Richmond, VA 23229

RE: Lafayette Elderly Apartment and Lafayette Family Apartments

Dear Mr. Owens:

Your Erosion Control Plan and Land Disturbing Permit for the above-referenced project expires on January 12, 1989. As construction is not yet complete and all disturbed areas are not stabilized, it will be necessary to extend the plan and permit. Because your existing plan is adequate, submission of an updated Erosion Control Plan is not required.

Please sign the attached permit where indicated and return to this office. This application for a renewed permit and plan must be received by January 5, 1989. Otherwise, the Erosion Control Plan becomes void, and the Land Disturbing Permit will be revoked. If the plan becomes void, no further land disturbing activities will be allowed and no further permits will be issued by the County until the plan is reapproved.

Please call me if you have any questions.

Sincerely,

Jean Scott

Jean Scott
Administrative Specialist

JS/dlh
0365C
4299c

Attachment

FILE -

Mailing Address:
P.O. Box JC
Williamsburg, Va.
23187-3627

JAMES CITY COUNTY

DEVELOPMENT MANAGEMENT DEPARTMENT
COUNTY GOVERNMENT CENTER, 101 MOUNTS BAY ROAD

Development Manager
(804) 253-6671
Code Compliance
253-6626
County Engineer
253-6678
Planning
253-6685

July 31, 1990

Ms. Michele Ogle
Central Fidelity Bank
International Division
P.O. Box 27602
Richmond, VA 23261

RE: Lafayette Family and Elderly Apartments

Dear Ms. Ogle:

The purpose of this letter is authorize release of the $20,000 Letter of Credit No. P001016 posted to guarantee the completion and acceptance of the subdivision improvements for the above referenced project. All improvements have been completed in accordance with the Subdivision Agreement and the approved plans.

Sincerely,

Darryl E Cook

Darryl E. Cook
Engineer

cc: Lafayette Family Ltd. Partnership

Mailing Address:
P.O. Box JC
Williamsburg, Va.
23187-3627

JAMES CITY COUNTY

DEVELOPMENT MANAGEMENT DEPARTMENT
COUNTY GOVERNMENT CENTER, 101 MOUNTS BAY ROAD

Development Manager
(804) 253-6671
Code Compliance
253-6626
County Engineer
253-6678
Planning
253-6685

July 10, 1990

Lafayette Family Limited Partnership
Lafayette Elderly Limited Partnership
2717 Willard Road
Richmond, VA 23229

RE: Lafayette Family and Elderly Apartments

Dear Mr. Owens:

The purpose of this letter is to inform you that the $20,000 Letter of Credit No. P001016 for the above referenced project expires on August 5, 1990. As stated in the Subdivision Agreement, all improvements shall be complete and accepted by the appropriate agency prior to the release of the Letter of Credit. Incomplete items include dedication of Lafayette Boulevard to the Virginia Department of Transportation.

James City County will grant an extension to this Letter of Credit for six months. We will require delivery of the revised Letter of Credit to the James City County Office of Code Compliance no later than 4:00 p.m., July 27, 1990, to avoid draw of existing surety.

Sincerely,

Darryl E Cook

Darryl E. Cook
Engineer

cc: Central Fidelity Bank

Jim Bennett

COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
P. O. BOX HD
WILLIAMSBURG, 23187

RAY D. PETHTEL
COMMISSIONER

F. N. HALL
RESIDENT ENGINEER

August 11, 1988

Mr. Marvin O. Sowers
Director of Planning, James City County
Post Office Box JC
Williamsburg, Virginia 23187

Ref: Lafayette Family and Lafayette Elderly Apartments; Route 612, James City County

Dear Mr. Shaw:

This is to advise that we have been informed of the proposed changes in the relocations of buildings 1C and 2C, and the elimination of Road A, and we have the following comments.

1. It is our understanding that the Tee turnaround will remain and the Virginia Department of Transportation's maintenance will end at the turnaround.

2. The sidewalk will extend to Route 12 (Longhill Road).

3. Retaining wall or slope cut maximum 2:1 on embankment along proposed sidewalk.

Final Department approval will be contingent upon the owner securing a CE-7 permit prior to any work being performed within the State's right of way.

Sincerely,

F. N. Hall

F. N. Hall
Resident Engineer

BSS/mvm

TRANSPORTATION FOR THE 21ST CENTURY

Mailing Address:
P.O. Box JC
Williamsburg, Va.
23187-3627

JAMES CITY COUNTY

DEPARTMENT OF DEVELOPMENT MANAGEMENT
COUNTY GOVERNMENT CENTER, 101 MOUNTS BAY ROAD

Development Manager
(804) 253-6671
Code Compliance
253-6626
County Engineer
253-6678
Planning
253-6685

March 29, 1990

Mr. Kenneth Owens
Lafayette Elderly/Lafayette Family
2717 Willard Road
Richmond, VA 23229

RE: Lafayette Elderly and Family Apartments

Dear Mr. Owens:

The purpose of this letter is to inform you that now is the time to contact the Virginia Department of Transportation (VDOT) regarding dedication of the streets in the above-referenced subdivision to the State.

Because of safety and welfare concerns it is imperative that the streets be dedicated as soon as possible. If the streets are acceptable to VDOT, they can be taken into the State System at the end of the fiscal year on June 30, 1990, thereby, avoiding payment of a maintenance fee.

Please contact Ms. Betty Smith with VDOT at 253-4832 to arrange for an inspection and correct any punch list items identified by her as soon as possible so there will be no delays in the dedication process. Subdivision surety for your project cannot be released until all subdivision improvements are complete, including dedication of the streets.

Please contact me if you have any questions regarding this matter.

Sincerely,

Darryl E Cook

Darryl E. Cook
Engineer

DEC/tlp
4868c

cc: Ms. Betty Smith, VDOT

FILE

COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
P. O. BOX HD
WILLIAMSBURG, 23187

RAY D. PETHTEL
COMMISSIONER

F. N. HALL
RESIDENT ENGINEER

March 6, 1990

RECEIVED
3-8-90

Mr. Ed Van Hoy
P. O. Box 843
Williamsburg, VA 23187

Ref: Lafayette Elderly and Family Apts,
Route 612, James City County

Dear Mr. Van Hoy:

This is to advise that we still have not received the as-built plans with elevations shown every 100' on curb and outfall ditches, including elevations at invert and outvert of entrance and cross drain pipes.

Also needed are recorded plats on Lafayette Manor, Phases 1 and 2 to tie into Route 612 for street acceptance.

Please submit the above information to this office for possible street acceptance of Lafayette Blvd.

Please advise this office if more assistance is needed in this matter.

Sincerely,

F. N. Hall

F. N. Hall
Resident Engineer

BSS/ncs

cc: Mr. Darryl Cook, James City Co.

F.6

LAFAYETTE VILLAGE FAMILY & ELDERLY APARTMENTS

December 15, 1989

James City County
Code Compliance Office
101 Mounts Bay Road
Williamsburg, VA 23185

To Whom It May Concern:

I would like to request to have Lafayette Boulevard listed with James City County and the Department of Transportation.

I was recently informed that although Lafayette Boulevard has been accepted by the county as a public road that it is not automatically accepted by the Department of Transportation.

I would like to have Lafayette Boulevard listed with the Department of Transportation so that it can be plowed during the snow season along with the other public roads in our area.

If you require any other information concerning my request please feel free to contact me at the rental office.

Sincerely,

Cynthia R. Baker

Cynthia R. Baker
Resident Manager

12/22

Called & spoke to her about the status of the project & suggested she contact VDOT because we have not received the request for resolution yet from VDOT.

121 Lafayette Boulevard · Williamsburg, Virginia 23185
(804) 565-4710

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Secretary of Agriculture, Washington, D.C. 20250

EQUAL HOUSING OPPORTUNITY

PC038_WILLIAMSBURG_LAFAYETTE_VILLAGE_FAMILY_ELDERLY - 046

F. 6

COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
P. O. BOX HD
WILLIAMSBURG, 23187

RAY D. PETHTEL
COMMISSIONER

F. N. HALL
RESIDENT ENGINEER

December 8, 1988

RECEIVED 12-12-88

Mr. Kenneth W. Owens
2712 Willard Road
Richmond, VA 23229-3631

Ref: Lafayette Elderly, Ltd. and
Lafayette Family, Ltd.
Route 612, James City Co.

Dear Mr. Owens:

This is to advise that a stone depth check was made on the above subject site on December 7, 1988, and it was found to be satisfactory.

Paving can begin but is subject to the weather limitation according to the Road and Bridge Specifications, 1987 manual, Section 318.03.

If we can be of further assistance in this matter, please advise.

Sincerely,

F. N. Hall

F. N. Hall
Resident Engineer

CDJ/ncs

cc: Hunt Properties Inc.
Attn: Mr. Vanhoy

Darryl Cook
James City Co.

TRANSPORTATION FOR THE 21ST CENTURY

File

Mailing Address:
P.O. Box JC
Williamsburg, Va.
23187-3627

JAMES CITY COUNTY

DEPARTMENT OF DEVELOPMENT MANAGEMENT
COUNTY GOVERNMENT CENTER, 101 MOUNTS BAY ROAD

Development Manager
(804) 253-6671
Code Compliance
253-6626
County Engineer
253-6678
Planning
253-6685

7-27-89 Bank mailed By phone 5 p.m.

June 30, 1989

8-1-89 Ken Owens 672-7100 will bring today by 4 p.m.

Lafayette Family Limited Partnership
Lafayette Elderly Limited Partnership
2717 Willard Road
Richmond, VA 23229

RE: Lafayette Family and Elderly Apartments

Dear Mr. Owens:

The purpose of this letter is to inform you that the $35,000 Letter of Credit No. P001016 for the above-referenced development expires on August 5, 1989. As stated in the subdivision agreement, all improvements shall be complete and accepted prior to the release of the Letter of Credit. The only incomplete item is the dedication of Lafayette Boulevard to the Virginia Department of Transportation.

James City County will grant an extension to this Letter of Credit for one year reduced to $20,000. We will require delivery of the revised Letter of Credit to the James City County Office of Code Compliance no later than 4:00 p.m., July 28, 1989, to avoid draw of existing surety.

Sincerely,

Darryl E Cook

Darryl E. Cook
Engineer

DEC/dlh
0339C
4616c

cc: Central Fidelity Bank

Mailing Address:
P.O. Box JC
Williamsburg, Va.
23187-3627
Tel. 253-6626

JAMES CITY COUNTY

OFFICE OF CODE COMPLIANCE
COUNTY GOVERNMENT CENTER, 101 MOUNTS BAY ROAD

May 3, 1988

Mr. James Bennett
AES
1671 Jamestown Road
Williamsburg, VA 23185

RE: Lafayette Elderly and Family Apartments

Dear Mr. Bennett:

I am pleased to inform you that your Erosion and Sediment Control Plan for the above-referenced project received approval on April 27, 1988. Prior to the initiation of any land disturbing activities, a Land Disturbing Permit and Siltation Agreement must be executed with the County.

There are some additional items that must be satisfied before a land disturbing permit can be issued for the project. First, a preconstruction meeting will be required prior to permit issuance. The contractor/developer and your firm shall be in attendance to discuss construction management for the project. Also, the contractor must submit a narrative plan, detailing the sequence of construction for the project, including installation of the Erosion Sediment Control Measures. This plan shall be submitted to this office prior to the preconstruction meeting, so we will have time to review and comment on the plan.

I also want to remind you that project phasing may still be required. Factors that will be considered in the decision to require phasing are the construction site management capabilities of the developer and the contractor as indicated by the extent to which on-site soils were kept in place on previous projects.

Please contact me if you have questions regarding any of these items.

Sincerely,

Darryl E Cook

Darryl E. Cook
Environmental Engineer

DEC/jw
3932c

FILE

CHARLES C. TOWNES & ASSOCIATES, P.C.

Consulting Engineers, Planners, Land Surveyors

CHARLES C. TOWNES, C.L.S.
CHARLES E. TOWNES, P.E., C.L.S.
DAVID T.D. WARRINER, P.E.
110 NORFOLK AVE., P. O. BOX 97
COLONIAL HEIGHTS, VIRGINIA 23834
(804) 526-6766
(804) 748-2117
Fax (804) 520-8594

JEFFREY T. COLLINS, P.E., C.L.S.
880 SOUTHLAKE BOULEVARD, SUITE C
RICHMOND, VIRGINIA 23236
(804) 745-9011
(804) 848-7871
Fax (804) 379-6986

June 18, 1990

Kenneth Owens
2717 Willard Road
Richmond, Virginia 23229

RE: LAFAYETTE FAMILY & ELDERLY DEVELOPMENT
JAMES CITY COUNTY, VIRGINIA

Dear Kenneth:

As you requested I have reviewed the construction plans and made a site inspection of the site basin/detention facility at the rear of the above referenced project.

As it now stands you have a good working detention structure that also doubles as a best management structure. The flatness of the bottom of the basin means any and all nutrients and or sedimentation will settle out before reaching the outlet structure. The natural vegetation, (i.e. cattails and ferns), will facilitate this filtering process. No maintenance should be necessary of the basin bottom except around the outlet structure.

Putting in the paved ditch would be detrimental in several respects. First to achieve a positive grade along the ditch, fill would need to brought in to allow construction. This would reduce the detention storage volume of the basin and since in a fill, it will probably settle and cause future cracks in the paved ditch. If the ditch is installed along existing contours, it would be so flat across the basin that it would have little if any capacity and probably need constant clearing out due to silt settlement. In addition due to the wet nature of a detention facility some portions of the ditch might "float" during big storms and/or crack.

Also if the idea is to have an aesthetically pleasing and maintainable facility additional fill would be needed in the basin to provide a 1 - 2% cross slope across the bottom to stay properly drained. This would also decrease the storage capacity.

Kenneth Owens
Page 2
June 18, 1990

I would make the following recommendations concerning this structure.

1. Either grout the rip rap at the inlet to the basin or extend the 24" pipe another 20 feet or a combination of the two.
2. 10' of rip rap should be added below the existing rip rap across the bottom of the basin.
3. Install 10' of paved ditch at the new dewatering hole at the outlet structure. (This will prevent vegetation from blocking inlet.)
4. Reseed bare and eroded areas around side slopes of basin.

These measures will allow the structure to continue operating as a stormwater management facility while doubling as a water quality improvement. These two things are typical of the type of improvements stressed by the new Chesapeake Bay Protection Act.

If I may be of further assistance, or if additional information is needed, do not hesitate to contact me.

Sincerely,

David T. D. Warriner, P.E.

DTDW/pjt

F.6 - Lafayette Apts

SINCE 1881

FROEHLING & ROBERTSON, INC.
FULL SERVICE LABORATORIES • ENGINEERS & CHEMISTS
"OVER ONE HUNDRED YEARS OF SERVICE"

October 12, 1988

H.W. Owens, Inc.
2717 Willard Rd.
Richmond, Virginia 23229
Attn: Mr. Kenneth Owens

Re: Lafayette Family and
Elderly Apartments
James City Co., Virginia
F&R No.: P-51-207

Dear Mr. Owens,

At the request of Ed Vanhoy with Hunt Properties, Inc., a representative of F&R's engineering staff was at the referenced site on October 11, 1988. The purpose of our visit was to observe existing conditions, such as local areas of instability along the new Lafayette Boulevard and make recommendations for remedial actions.

Upon our arrival at the site, grading for the curb and gutter along Lafayette Boulevard was in progress. Therefore, this road is approximately at subgrade. We were directed to several areas of instability which have become apparent through the repetitive loads of construction traffic.

The subgrade soils are visually classified as tan/light brown clayey fine sands with local pockets of sandy silty clay noted. The subgrade along the road is mostly cut areas, but one unstable area is noted has a deep fill. This fill area was formed to raise the elevation over the existing small creek flowing along the western portion of the project. We understand that all of the fill areas were brought to grade with on site cut material.

For the purpose of this report the areas in question will be broken into 3 sections along Lafayette Boulevard. Area 1 will be considered from the existing asphalt to the beginning of the deep fill mentioned above, Area 2 will be taken as the area of the deep fill over the existing creek and Area 3 will be considered as other local areas around the site.

During our visit, Area 1 was characterized by showing moderate instability. This area appears to have become unstable due to a combination of the repetitive loads of all construction traffic and an excess amount of moisture observed in the soil. It is our opinion that the instability of this area began as surface disturbance but, due to the combination of the conditions mentioned above, has progressed deeper into the undisturbed earth. We will note here that this is a cut section.

Two recommendations are given to correct the instability.

1) Remove the top 3 to 4 inches of disturbed subgrade, then scarify and aerate the exposed soils. Aeration should be performed to promote stability in the damp subgrade soils. Traffic would have to be minimized to one side or the other to permit adequate time to gain stability.

2). Remove the top 3 to 4 inches of disturbed subgrade and place a thin layer of VDOT # 3 open graded stone in this area. This has been done at the beginning of the new project and the subgrade is stable.

In Area 2 the subgrade was observed as pumping. This area is a deep fill and is a low point at the project. Therefore, making it susceptible to the accumulation of water runoff.

For this area we recommend the removal of the top 1 to 1.5 feet of fill to observe stability of the underlying fill soils. At that time the exposed subgrade should be proofrolled to determine the degree of instability, if any. The results of proofrolling will determine further recommendations for either correcting the instability or replacing the fill at this depth to reach the planned subgrade elevation.

In Area 3 we recommend local scarification and aeration of the unstable areas. These areas are similar to Area 1 but in most cases are not subject to the amount of traffic as the first area. Thus, the degree of surface and subsurface disturbance is less. Additionally, these areas are subject to more sun and wind, which will promote drying of the soils.

We would also like to point out that we are now moving into the winter season, which is characteristically wetter than other times of the year. Consideration may be given to postponing the remedial work until after the winter months. This will provide time for the heavier construction traffic to decrease. There is no doubt that during the spring, prior to the actual paving construction, remedial work will have to be performed.

In any case the roadways will probably have to be continuously maintained and shaped throughout the winter. This will include providing adequate positive drainage off of the roadways.

F&R appreciates the opportunity to be of continued service to you on this project. If you have any questions concerning this report or if we can be of further service to you, please advise.

Very truly yours,

FROEHLING & ROBERTSON, INC.

Jeffrey C. Hill
Staff Engineer

Samuel H. Kirby, Jr., P.E.
Executive Vice President

cc: Lafayette Family and Elderly
Limited Partnership
cc: Edward H. Winks Architecture
cc: Hunt Properties, Inc.

RECEIVED 10-3-88

TRANSMITTAL

DATE: 10-3-88

TO: CODE COMPLIANCE, Darryl Cook

FROM: Pat Friel, Planner

SUBJECT: Case Number SP-95-88

Title Lafayette Family and Elderly Apartments

ITEMS ATTACHED:

Revised site plan

INSTRUCTIONS:

For your approval

Return required by 10-10-88

AGENCY'S COMMENTS:

Approved 10/6/88 Darryl E Cook

TRANSMITTAL

RECEIVED 7-19-88

DATE: July 18, 1988

TO: CODE COMPLIANCE, Darryl Cook
VDOT(2)

FROM: Rick Kania, Planner

SUBJECT: *Case Number* SP-17-88

Title Lafayette Family & Lafayette Elderly Apartments

ITEMS ATTACHED:

Revised site plan

INSTRUCTIONS:

Please review and comment.

Return required by July 25, 1988

AGENCY'S COMMENTS:

Approved 7/19/88
Darryl E Cook

TRANSMITTAL

RECEIVED 4-18-88

DATE: April 18, 1988

TO: JCSA
Code Compliance (Darryl Cook)*
VDOT(2)**

FROM: Rick Kania, Planner

SUBJECT: Case Number SP-17-88

Title Lafayette Elderly & Lafayette Family Apts.

ITEMS ATTACHED:

Revised site plan
*drainage calculations
**drainage calculations

INSTRUCTIONS:

Please review and comment.

Return required by April 29, 1988

AGENCY'S COMMENTS:

1. A Land Disturbing Permit and Siltation Agreement, with surety, are required for this project.
2. Provide as-built drawings for the stormwater management pond upon completion.
3. The contractor shall submit a narrative plan detailing the sequence of construction for this project including installation of erosion control measures. The plan shall be submitted prior to the issuance of any Land Disturbing Permits for the project.
4. Project phasing may be required. Factors that will be considered in making phasing determinations are the construction site management capabilities of the developer and contractors indicated by the extent to which onsite soils were kept in place on previous projects.

July 12, 1988

Construction Narrative - Lafayette Family and Elderly

1. Log site, install stone construction entrance.

2. Clear and grub site (open burn), install silt fences during initial clearing operation, install temp. sediment basin using existing culvert under asphalt road.

3. Strip topsoil and stockpile on-site, install topsoil diversion berms at toe of fill slopes around perimeter of site. Temporary seed berms.

4. Install sanitary sewer.

5. Install sediment trap and sediment basin (no paved ditches).

6. Rough grade site to subgrade elevation.

7. Install storm sewer pipes and structures, provide erosion control measures at all intakes and outfalls. Install paved ditch at sediment trap outfall.

8. Maintain all erosion control measures in good working order.

9. Install water.

10. Install curb and gutter.

11. Install stone base.

12. Install asphalt.

13. Seed all disturbed areas.

14. Install paved ditches in sediment trap and basin.

15. Remove all temporary erosion control measures.

Gray Pruitt
7-13-88

TRANSMITTAL

RECEIVED 8-23-88

DATE: August 22, 1988

TO: VDOT(2)
JCSA
HEALTH
POLICE
CODE COMPLIANCE, Darryl Cook
FIRE
SCS

FROM: Rick Kania, Planner

SUBJECT: Case Number SP-95-88

Title Lafayette Family & Elderly Apartments

(amendment)

ITEMS ATTACHED:

Amended site plan

INSTRUCTIONS:

Please review and comment, or initial if approved.

Return required by August 26, 1988

AGENCY'S COMMENTS:

1. Replace the silt fence around the northeast corner of the fill for the play area with a diversion dike and a minimum 6' long stone outlet structure. The length of silt fence to be replaced is approximately 100'.

FILE -
LAFAYETTE FAM & ELD.

H.W. Owens, Inc.

Daugh letter came
w/renewed CD permit
Jan

June 6, 1991

Ms. Jean Scott
Management Assistant
Department of Development Management
Post Office Box JC
Williamsburg, Virginia 23187-3627

Dear Ms. Scott:

Please be advised that we have taken care of the necessary improvements at Lafayette Family concerning the stabilizaiton of the site. I hope this meets with James City County's approval.

Sincerely,

Kenneth W. Owens

KWO/rrs
201.F

cc: Jerry Lewis

2717 Willard Road Richmond, Virginia 23294-3631 Telephone 804-672-7104
FAX 804-672-7131

UNITED STATES POST. ERVICE

OFFICIAL BUSINESS

SENDER INSTRUCTIONS

Print your name, address and ZIP Code in the space below.

- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested" adjacent to number.

U.S.MAIL

PENALTY FOR PRIVATE USE, $300

RETURN TO

Print Sender's name, address, and ZIP Code in the space below.

JAMES CITY COUNTY
OFFICE OF CODE COMPLIANCE
P. O. BOX JC
WILLIAMSBURG, VA 23187

Lafayette Family
& Elderly

SENDER: Com items 1 and 2 when additional services are des and complete items 3 and 4.

Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. ☒ Show to whom delivered, date, and addressee's address. *(Extra charge)*
2. ☐ Restricted Delivery *(Extra charge)*

3. Article Addressed to:

Lafayette Elderly Partnership
ATTENTION: Mr. Ken Owens
2717 Willard Road
Richmond, VA 23229

4. Article Number
P408017296

Type of Service:
- ☐ Registered
- ☒ Certified
- ☐ Express Mail
- ☐ Insured
- ☐ COD
- ☐ Return Receipt for Merchandise

Always obtain signature of addressee or agent and DATE DELIVERED.

5. Signature — Address
X

6. Signature — Agent
X Roberta R. Smith

7. Date of Delivery
2/11/91

8. Addressee's Address *(ONLY if requested and fee paid)*

PS Form 3811, Mar. 1988 ★ U.S.G.P.O. 1988-212-865 DOMESTIC RETURN RECEIPT

P 408 017 296

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

Sent to Lafayette Elderly Partnership ATTENTION: Mr. Ken Owens	
Street and No. 2717 Willard Road	
P.O., State and ZIP Code Richmond, VA 23229	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	$
Postmark or Date	

★ U.S.G.P.O. 1985-480-794

PS Form 3800, June 1985

Fold at line over top of envelope to the right of the return address.

CERTIFIED

P 408 017 296

MAIL

JAMES CITY COUNTY
OFFICE OF CODE COMPLIANCE
P. O. BOX JC
WILLIAMSBURG, VIRGINIA 23187
804-253-6670

NOTICE TO COMPLY

TO: Lafayette Elderly Partnership
2717 Willard Road
Richmond, VA 23229
Attention: Mr. Ken Owens

DATE: January 8, 1991

RE: Lafayette Family and Elderly

An inspection of the above-referenced project on January 7, 1991, revealed that the following violations are present:

Erosion problems in and around building sites

The following recommendations are made regarding the necessary corrections.

1. Location 1 - Right side of Building 110
2. Location 2 - Rear of Building 126
3. Location 3 - In between Buildings 126 and 128
4. Location 4 - In the rear of Building 128
5. Dress up eroded areas, fill in where necessary and seed and mulch same.

Notice is hereby given that these violations shall be corrected in accordance with the approved Erosion and Sediment Control Plan on or before January 24, 1991. The site will be reinspected at that time and you are invited to accompany the inspector on that date.

Failure to comply with this notice will result in the revoking of the Land Disturbing Permit, a Stop Work Order or any other legal action necessary including drawing on the project surety by the County to effect the implementation of the approved plan. Please contact this department if there are any questions.

Darryl E. Cook

Darryl E. Cook, Engineer

DEC/tlp
0297C
5045c

JAMES CITY COUNTY
DEPARTMENT OF PUBLIC WORKS
P. O. BOX JC
WILLIAMSBURG, VIRGINIA 23187
(804) 220-1122

LETTER OF TRANSMITTAL

DATE 8/6/90	JOB NO.
ATTENTION Stacie Birchett	
RE Lafayette Family & Elderly Apts	

TO Central Fidelity Bank
International Division
1021 East Cary Street
P.O. Box 27602
Richmond, VA 23261

WE ARE SENDING YOU ☑ Attached ☐ Under separate cover via _____ the following items:

☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
			Original Letter of Credit PD01016

THESE ARE TRANSMITTED as checked below:

☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval
☐ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution
☑ As requested ☐ Returned for corrections ☐ Return _____ corrected prints
☐ For review and comment ☐ _____
☐ FOR BIDS DUE _____ 19____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

COPY TO _____

SIGNED: Darryl Clark

If enclosures are not as noted, kindly notify us at once.

FILE

Central Fidelity

Central Fidelity Bank
International Division
1021 East Cary Street/Post Office Box 27602
Richmond, Virginia 23261
USA (804) 697-6858 SWIFT: CFBRUS33/TELEX: 240518 CFB UR/CABLE: CFB INTL

August 1, 1990

James City County
Department of Public Works
P.O. Box JC
Williamsburg, VA 23185

Attention: Mr. Darryl E. Cook, Engineer

RE: Irrevocable Letter of Credit No. P001016
A/C: Lafayette Family & Elderly Apartments
Amount: $20,000.00
Expiration: February 5, 1991

Dear Mr. Cook:

Reference is made to your letter dated July 31, 1990, advising that the County no longer needs the above letter of credit.

In order to cancel the letter of credit, we need to have the original returned to us for cancellation. In the event the original letter of credit cannot be returned, we need a letter signed by an authorized officer of James City County stating:

> "We hold Central Fidelity Bank harmless with respect to any claims of any nature whatsoever under this credit. This letter of credit will not be drawn against, therefore, we hereby authorize you to cancel this letter of credit."

Please let us know if we can be of further service to you.

Respectfully,

Stacie E. Birchett

Stacie E. Birchett
Assistant Manager

cc: Lafayette Family Ltd. Partnership
C. Dixon Wallace

CENTRAL FIDELITY BANK, International Division P. O. Box 27602 Richmond, Virginia 23261 U.S.A.

AMENDMENT TO DOCUMENTARY CREDIT

DATE: JULY 26, 1990

CREDIT NUMBER OF ISSUING BANK: P001016
AMOUNT: U.S. DOLLARS ********$20,000.00

BENEFICIARY: JAMES CITY COUNTY
DEPARTMENT OF PUBLIC WORKS
POST OFFICE BOX JC
WILLIAMSBURG, VIRGINIA 23185
ATTN: DARRYL E. COOK

APPLICANT: LAFAYETTE FAMILY LTD PARTNERSHIP
LAFAYETTE ELDERLY LTD. PTNSHP.
2717 WILLARD ROAD
RICHMOND, VIRGINIA 23229

THE ABOVE CREDIT IS AMENDED AS FOLLOWS:
RE: LAFAYETTE FAMILY AND ELDERLY APARTMENTS

THE EXPIRATION DATE IS HEREBY EXTENDED TO FEBRUARY 5, 1991.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

IMMEDIATE NOTIFICATION MUST BE GIVEN TO US IF THIS AMENDMENT IS NOT ACCEPTED.

THIS AMENDMENT IS TO BE CONSIDERED AS PART OF THE ABOVE MENTIONED CREDIT AND MUST BE ATTACHED THERETO.

VERY TRULY YOURS,
CENTRAL FIDELITY BANK

Michele L. Ogle

AUTHORIZED SIGNATURE
MICHELE L. OGLE, AVP
MANAGER, INTERNATIONAL DIVISION

JAMES CITY COUNTY

TO: Leo

FROM: Jean

DATE: 7-27-90

___ For Your Comments
✓ For Your Approval
___ Note & Return
___ Note & File
___ Reply & Send Me Copy
___ Take Appropriate Action
___ Call Me
___ See Me
___ FYI
___ Signature

COMMENTS:

RECEIVED
JUL 30 1990
County Attorney
James City County, VA.

L.P.P.
7/30/90

RECEIVED
7-31-90

JAMES CITY COUNTY

TO: Larry

FROM: Jean

DATE: 8-1-89

___ For Your Comments
✓ For Your Approval
___ Note & Return
___ Note & File
___ Reply & Send Me Copy
___ Take Appropriate Action
___ Call Me
___ See Me
___ FYI
___ Signature

COMMENTS:

RECEIVED AUG -2 1989 County Attorney James City County, VA

OK
LWO
8-2-89

RECEIVED 8-2-89

CENTRAL FIDELITY BANK, International Division P. O. Box 27602 Richmond, Virginia 23261 U.S.A.

RECEIVED 8-1-89

AMENDMENT TO DOCUMENTARY CREDIT

DATE: AUGUST 01, 1989

CREDIT NUMBER OF ISSUING BANK: P001016
AMOUNT: U.S. DOLLARS ********$35,000.00

BENEFICIARY: JAMES CITY COUNTY
DEPARTMENT OF PUBLIC WORKS
POST OFFICE BOX JC
WILLIAMSBURG, VIRGINIA 23185
ATTN: DARRYL E. COOK

APPLICANT: LAFAYETTE FAMILY LTD PARTNERSHIP
LAFAYETTE ELDERLY LTD. PTNSHP.
2717 WILLARD ROAD
RICHMOND, VIRGINIA 23229

THE ABOVE CREDIT IS AMENDED AS FOLLOWS:

1. THE EXPIRATION DATE IS HEREBY EXTENDED TO AUGUST 5, 1990.

2. THIS LETTER OF CREDIT IS HEREBY DECREASED BY $15,000.00 TO THE NEW AGGREGATE AMOUNT OF $20,000.00 (USDOLLARS TWENTY THOUSAND AND NO/100).

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.

IMMEDIATE NOTIFICATION MUST BE GIVEN TO US IF THIS AMENDMENT IS NOT ACCEPTED.

THIS AMENDMENT IS TO BE CONSIDERED AS PART OF THE ABOVE MENTIONED CREDIT AND MUST BE ATTACHED THERETO.

VERY TRULY YOURS,
CENTRAL FIDELITY BANK

Michele L. Ogle

AUTHORIZED SIGNATURE
MICHELE L. OGLE, AVP
OPERATIONS MANAGER

ORIGINAL

CENTRAL FIDELITY BANK, International Division P. O. Box 27602 Richmond, Virginia 23261 U.S.A.

IRREVOCABLE LETTER OF CREDIT

BENEFICIARY
JAMES CITY COUNTY
DEPARTMENT OF PUBLIC WORKS
POST OFFICE BOX JC
WILLIAMSBURG, VIRGINIA 23185
ATTN: DARRYL E. COOK

DATE AUGUST 5, 1988

AMOUNT U.S. DOLLARS
********$35,000.00

LETTER OF CREDIT NUMBER:
P001016

APPLICANT
LAFAYETTE FAMILY LTD PARTNERSHIP
LAFAYETTE ELDERLY LTD. PTNSHP.
2717 WILLARD ROAD
RICHMOND, VIRGINIA 23229

EXPIRATION DATE:
AUGUST 05, 1989

DEAR SIRS:

WE HEREBY OPEN OUR IRREVOCABLE LETTER OF CREDIT IN YOUR (THE BENEFICIARY'S) FAVOR WHICH IS AVAILABLE AGAINST YOUR DRAFTS AT SIGHT ON CENTRAL FIDELITY BANK. EACH DRAFT HEREUNDER MUST BEAR UPON ITS FACE "DRAWN UNDER LETTER OF CREDIT NO. P001016, DATED AUGUST 5, 1988, OF THE CENTRAL FIDELITY BANK, 1021 EAST CARY STREET, RICHMOND, VIRGINIA 23219" AND BE ACCOMPANIED BY THE FOLLOWING DOCUMENTS:

1) BENEFICIARY'S WRITTEN STATEMENT THAT "LAFAYETTE FAMILY LIMITED PARTNERSHIP, LAFAYETTE ELDERLY LIMITED PARTNERSHIP HAS DEFAULTED IN THE PERFORMANCE OF THE TERMS AND CONDITIONS OF ITS SUBDIVISION AGREEMENT WITH JAMES CITY COUNTY, DATED AUGUST 5, 1988, PERTAINING TO THE LAFAYETTE FAMILY AND ELDERLY APARTMENTS, AND THAT JAMES CITY COUNTY IS, IN CONSEQUENCE ENTITLED TO THE AMOUNT OF THE ACCOMPANYING DRAFT."

2) THE ORIGINAL OF THIS LETTER OF CREDIT.

THIS IRREVOCABLE LETTER OF CREDIT SETS FORTH IN FULL THE TERMS OF OUR UNDERTAKING. THIS UNDERTAKING SHALL NOT IN ANY WAY BE MODIFIED, AMENDED OR AMPLIFIED BY REFERENCE TO ANY DOCUMENTS OR CONTRACTS REFERRED TO HEREIN.

WE HEREBY AGREE TO HONOR EACH DRAFT DRAWN UNDER AND IN COMPLIANCE WITH THE TERMS OF THIS CREDIT, IF DULY PRESENTED (TOGETHER WITH THE DOCUMENTS AS SPECIFIED) AT THIS OFFICE ON OR BEFORE AUGUST 05, 1989

THIS CREDIT IS SUBJECT TO THE "UNIFORM CUSTOMS AND PRACTICE FOR DOCUMENTARY CREDITS (1983 REVISION), INTERNATIONAL CHAMBER OF COMMERCE PUBLICATION NO. 400".

CENTRAL FIDELITY BANK

BY _____
AUTHORIZED SIGNATURE

ORIGINAL

FILE

H. W. OWENS, INC.

2717 WILLARD ROAD
RICHMOND, VIRGINIA 23294
TELEPHONE: (804) 672-7104
FAX: (804) 672-7131

July 26, 1990

Mr. Darryl E. Cook
James City County Department of Public Work
101 Mounts Bay Road
County Government Center
Williamsburg, VA 23185

RE: Lafayette Family and Elderly Apartments

Dear Mr. Cook:

Enclosed you will find an Amendment to Documentary Credit for the above referenced applicant.

The road should have been accepted into the system, however, since sediment basing is not complete, we have renewed the letter of credit.

Please do not hesitate to give me a call if you should have any questions. I may be reached at (804) 672-7104.

Sincerely,

Kenneth W. Owens

KWO:lna

Enclosure

TRANSMITTAL

DATE: February 16, 1988

TO:
VDOT*
Code Compliance-Darryl Cook**
Health
JCSA
Fire
REA
Police
SCS

FROM: Rick Kania, Planner

SUBJECT: **Case Number** SP-17-88

Title Lafayette Family & Lafayette Elderly Apartments

ITEMS ATTACHED:

Site plan
*two copies of plans, drainage calculations and traffic analysis
**drainage calculations

INSTRUCTIONS:

Please review and comment.

Return required by February 22, 1988

AGENCY'S COMMENTS:

Mailing Address:
P.O. Box JC
Williamsburg, Va.
23187-3627
Tel. 253-6626

JAMES CITY COUNTY

OFFICE OF CODE COMPLIANCE
COUNTY GOVERNMENT CENTER, 101 MOUNTS BAY ROAD

February 25, 1988

Mr. James Bennett
AES
1761 Jamestown Road
Williamsburg, VA 23185

RE: Lafayette Family and Elderly Apartments

Dear Mr. Bennett:

James City County's Erosion and Sedimentation Control Ordinance requires that the Office of Code Compliance respond in writing to applicants submitting Erosion Control plans within 45 days of receipt of the plan. Therefore, to satisfy this requirement, this is to notify you that the Erosion Control Plan submitted on February 9, 1988, for the above-referenced project has been reviewed and disapproved. The attached sheet lists the comments that must be addressed before approval of the plan will be granted.

It is suggested that revisions not be made and the plan resubmitted to the Planning Department until after the preliminary approval letter is received with the list of conditions that must be satisfied prior to final approval.

Please contact me if you have any questions.

Sincerely,

Darryl E. Cook

Darryl E. Cook
Engineer

DEC/bkh
0357C
3834c

Attachment

FILE

COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
P. O. BOX HD
WILLIAMSBURG, 23187

RAY D. PETHTEL
COMMISSIONER

F. N. HALL
RESIDENT ENGINEER

September 19, 1989

Mr. Ed Van Hoy
P. O. Box 843
Williamsburg, VA 23187

Ref: Lafayette Family and
Elderly Apartments
Route 612, James City Co.

9-20-89

Dear Mr. Van Hoy:

This is to advise that the above subject subdivision has been inspected for possible state acceptance on November 1, 1989.

Listed below are general problems that are found to be common in most subdivisions. We strongly suggest you review your subdivision and correct these items, including the items on the attached punch list.

1. Low or unstabilized shoulders.

2. Removal of building materials in proposed right of way.

3. Completion of all entrances under construction, mimimum 15", 24' with stone surface.

4. Elimination of all standing water in ditch line and outfalls.

5. All utilities completed, manholes or valves flush with pavement or shoulder.

6. Mimimum 85% vegetation on shoulders, ditch line and back slopes.

7. Surface treatment, clean and smooth riding surface. All road settlement, properly patched and overlayed.

8. All signs and advertisements removed from proposed right of way.

9. Stone provided at mailbox turnouts.

10. Ditches on proper grade with cross drains, paved ditch and private entrance pipes.

11. To meet public service requirements, there must be at least three (3) individually owned, occupied dwellings, the street connects with another street road and end with a proper cul-de-sac or another state road.

- Continued -

Mr. Ed Van Hoy

Ref: Lafayette Family and
Elderly Apartments
Route 612, James City Co.

September 19, 1989

A section of a subdivision can be processed any time during the year as noted by the following example which is based on a maintenance fee of $300.00/year for minimum (up to 0.25 mile) or $600.00/year (from 0.25 to 0.50 mile) or $120.00/one tenth (0.10) of one mile and a fraction thereof of a year.

A two-lane street is 0.35 mile long and is to be processed in September, requiring a maintenance fee for ten months.

Maintenance fee required: 600 X 10/12 = $500.00.

Please note that it is not the intention of the Department to accept streets that do not meet public service requirements, that are not functional or propose a maintenance problem into the secondary system and therefore, all the above items must be addressed. Also, the subdivision streets must be maintained at the level of final inspection until the streets are accepted. Any problem encountered during this period which is not immediately fixed could jeopardize the process.

In order to process streets into the state's secondary system, the developer needs to provide:

1. Four copies of a recorded plat with recent certification.

2. Have utility companies provide this office with CE-7 inplace utility permits.

3. Need as-built plans with elevations shown every 100' in roadside ditches and all outfall ditches including elevations as invert and outvert of entrance and cross drain pipes.

Attached is the list of items needing correction in order to receive final approval. If no punch list is provided for this subdivision, the items were too numerous to be specific.

Please feel free to contact Ms. Betty Smith, Permit & Subdivision Inspector, at 253-4832 for further assistance in this matter.

Sincerely,

F. N. Hall

F. N. Hall
Resident Engineer

BSS/ncs
Attachment

cc: Mr. Darryl Cook, James City Co.

Lafayette Family and Elderly Apartments

Punch List

1. Lafayette Blvd.--The sidewalk section, over the pipe culverts in the entrance, has been found to be unsafe. Therefore, the installation of a standard exterior handrail is required before permit #53500527 can be released.

2. The broken pavement needs to be cut out, the hole squared and patched.

FILE

September 13, 1989

Mr. Ed Van Hoy
P. O. Box 843
Williamsburg, VA 23187

Ref: Lafayette Family and
Elderly Apartments
Route 612, James City County

Dear Mr. Van Hoy:

This is to advise that an inspection was made on the above subject site on September 13, 1989, and we have the following comments.

1. Need to epoxy cracks in curb and gutter and sidewalk.

2. Need to dress and regrade slopes in eroded areas that have washed. Need to to place topsoil and reseed.

3. Broken pavement needs to be cut out, hole squared and patched.

When the above items have been corrected, please advise this office by letter for a final inspection for possible street acceptance.

If we can be of further assistance in this matter, please advise.

Sincerely,

F. N. Hall
Resident Engineer

BSS/ncs

James City County Environmental Division
Stormwater Management / BMP Inspection Report
Detention and Retention Pond Facilities

Database Inventory No. (if known): PC038 -1 PC038

Name of Facility: Lafayette Elderly BMP No.: 1 of 3 Date: 7/31/00

Location: Lafayette - Sediment / Retention Basin - NE corner

Name of Owner:

Inspector: Rick Hall

Type of Facility:

Weather Conditions: overcast rain

If an inspection item is not applicable, mark NA, otherwise mark the appropriate column.

O.K. - The item checked is in adequate condition and the maintenance program is currently satisfactory.
Routine - The item checked requires attention, but does not present an immediate threat to the function of the BMP.
Urgent - The item checked requires immediate attention to keep the BMP operational and prevent damage to the facility.

Provide an explanation and details in the comment column, if routine or urgent are marked.

Facility Item	O.K.	Routine	Urgent	Comments
Embankments and Side Slopes:				
Grass Height	✓			
Vegetated Condition		✓		Heavy saplings
Erosion	✓			
Weed Growth	✓			
Trash & Debris		✓		dumping -
Fencing or Benches				
Constructed Wetlands (Landscaped & Planted) Areas:				
Vegetated Conditions		✓		many saplings / trees
Trash & Debris		✓		
Floatables	✓			
Erosion	✓			
Sediment		✓		
Dead Plant	✓			
Aesthetics		✓		
Other				
Other				

Facility Item	O.K.	Routine	Urgent	Comments
Water Pools ☐ Permanent Pool (Retention Basin) ☐ Shallow Marsh (Detention Basin)				DRY
Shoreline Erosion				
Algae				
Trash & Debris				
Sediment				
Aesthetics				
Other				
Inlet Structure # 1 (Describe Location): inlet - outlet				
Condition of Structure	✓			
Erosion	✓			
Trash and Debris	✓			
Sediment	✓			
Aesthetics	✓			
Other				
Inlet Structure # 2 (Describe Location): inlet - street pipe				
Condition of Structure	✓			
Erosion	✓			
Trash and Debris		✓		
Sediment	✓			
Aesthetics	✓			
Other				
Inlet Structure # 3 (Describe Location):				
Condition of Structure				
Erosion				
Trash and Debris				
Sediment				
Aesthetics				
Other				
Outlet - Principal Flow Control Structure (Describe Location):				
Condition of Structure	✓			Light Rust
Erosion	✓			
Trash and Debris	✓			
Sediment		✓		needs stone
Aesthetics	✓			
Settlement	✓			
Other				

Facility Item	O.K.	Routine	Urgent	Comments
Emergency Spillway (Overflow): NONE				
Vegetation				
Lining				
Erosion				
Trash & Debris				
Dam/Outlet Channel				
Other				
Nuisance Type Conditions:				
Mosquito Breeding	✓			
Animal Burrows	✓			
Graffiti	✓			
Other				
Surrounding Perimeter Conditions:				
Land Uses	✓			
Vegetation		✓		heavy trees, brush
Trash & Debris		✓		dumping
Aesthetics		✓		uninviting
Access /Maintenance Roads or Paths				
Other				

Remarks: Trees and underbrush very thick.

Overall Environmental Division Internal Rating: 1-5 2-3

Signature: W. Frank Stell **Date:** 7/31/00

Title: _____

SWMProg\BMP\CoInspProg\DetRet.wpd

PC038_WILLIAMSBURG_LAFAYETTE_VILLAGE_FAMILY_ELDERLY - 081

JAMES CITY COUNTY
OFFICE OF CODE COMPLIANCE
P. O. BOX JC
WILLIAMSBURG, VIRGINIA 23187
804-253-6670

INSPECTION REPORT - EROSION AND SEDIMENT CONTROL

Date: 11/8/90
Project: LAFAYETTE FAMILY & ELDERLY
Reinspection Date: 11-23-90

Permittee Notified:
LAFAYETTE ELDERLY PARTNERSHIP
2717 WILLARD ROAD
RICHMOND, VA 23229

An inspection of the above-referenced project on 11/8/90 revealed that the following deficiencies are present:

EROSION AREAS. - MANY AREAS WASHING OUT AS SHOW BELOW:

The following must be completed to correct the deficiencies:

(1) ALONG RIGHT SIDE OF BUILDING 110
(2) IN THE REAR OF BUILDING 126
(3) IN BETWEEN BUILDING 126 AND 128 IN THE REAR
(4) IN THE REAR OF BUILDING 128.

DRESS UP, FILL IN ERODED AREAS, AND SEED AND MULCH.

If the deficiencies are not corrected by the reinspection date, additional enforcement measures will be undertaken to ensure compliance.

Inspector

MR. OWENS
Person Notified - Title

0354C

WATERSHED	PC	MAINTENANCE PLAN	No	CTRL STRUC DESC	CMP Riser
BMP ID NO	038	SITE AREA acre	21	CTRL STRUC SIZE Inches	48
PLAN NO	S-95-88	LAND USE	MF Residential	OTLT BARRL DESC	CMP
TAX PARCEL	(32-3)(01-7A)	old BMP TYP	Dry Pond	OTLT BARRL SIZE Inch	24
PIN NO	3230100007A	JCC BMP CODE			
CONSTRUCTION DATE	1/1/1989	POINT VALUE		EMERG SPILLWAY	No
PROJECT NAME	Lafayette Family & Elderly Apart			DESIGN HW ELEV	49.85
FACILITY LOCATION	110 Lafayette Blvd.			PERM POOL ELEV	
CITY-STATE	Williamsburg, Va. 23188	SVC DRAIN AREA acres		2-YR OUTFLOW cfs	
CURRENT OWNER	Lafayette Family Ltd. Partnership (c/o HH Hunt)			10-YR OUTFLOW cfs	
OWNER ADDRESS	800 Hethwood Blvd.			REC DRAWING	No
OWNER ADDRESS 2		SERVICE AREA DESCRI	Apartments Buildings & Roadways		
CITY-STATE-ZIP CODE	Blacksburg, Va. 24060	IMPERV AREA acres		CONSTR CERTI	No
OWNER PHONE		RECV STREAM	UT to Powhatan Creek		
MAINT AGREEMENT	No	EXT DET-WQ-CTRL	No	LAST INSP DATE	7/31/2000
EMERG ACTION PLAN	No	WTR QUAL VOL acre-ft	0	INTERNAL RATING	3
		CHAN PROT CTRL	No	MISC/COMMENTS	
		CHAN PROT VOL acre-ft	0	BMP 1 of 3. NE Corner of site. Also see S-17-88. Also refer to PC 113 & PC 114.	
		SW/FLOOD CONTROL	Yes		
		GEOTECH REPORT	No		

Get Last BMP No

Return to Menu

PC 038
PC114
PC 113

James City County
Department of Code Compliance
P.O. Box JC
Williamsburg, VA 23187

Jamestown 1607
JAMES CITY COUNTY

Release 7-17-91

LAND DISTURBING PERMIT

Application

GEO 426

LANDOWNER

NAME Lafayette Elderly/Lafayette Family DATE July 6, 1988

ADDRESS (STREET) 2717 Willard Road, Richmond, VA 23229

P.O. BOX PHONE ~~804-288-7104~~ 672-7104

PROJECT LAFAYETTE Elderly Apt & LAFAYETTE Family Apts.

LOCATION (USE STREET ADDRESS) Longhill Road and Lafayette Boulevard

TOTAL SIZE OF TRACT OR LOT 21 ± acres

TOTAL AREA TO BE DISTURBED 16 acres

DESCRIPTION OF LAND DISTURBING ACTIVITY To clear and grub site as needed and establish grades for foundations for 144 apartment units.

RIGHT OF ENTRY

I, _____ (Signature) hereby grant designated officials of James City County, Virginia, the right to enter my property for the purpose of inspection or monitoring for compliance with the approved erosion and sediment plan on the above-referenced project.

RECEIVED
JUN 15 1989

PLAN IMPLEMENTATION

I, Kenneth W. [illegible] (Signature) certify that I fully understand the provisions of the James City County, Virginia, Erosion and Sediment Control Ordinance and agree to carry out the approved erosion and sedimentation control plan on the above-referenced project. I also understand that the approved erosion and sedimentation control plan becomes null and void on JANUARY 12, 1989 and no further work subject to Chapter 5A of the County Code shall be allowed unless and until an additional or updated erosion and sedimentation control plan has been submitted and approved in accordance with Chapter 5A or unless all requirements of the approved control plan have been completed by JANUARY 12, 1989 in accord with such plan and verified by the on-site inspection by the Administrator or his designee.

- -

(For office use only)

PERMIT NO. 89-2 BOND AMOUNT $

REVIEWED BY Darryl E. Cook DATE 7/14/88

SPECIFIC REQUIREMENTS Work must progress in accordance with the attached written narrative plan dated July 12, 1988.

APPROVED BY Bernard Farmer ADMINISTRATOR - EROSION AND SEDIMENT CONTROL ORDINANCE

DATE 7-15-88

Renewal of E&S plan requested by:

✓ Kenneth W. [illegible]

Renewal Reviewed By:

Darryl E. Cook

Renewal Date:

12-12-88

Renewal Approved By:

Bernard Farmer

Bernard M. Farmer, Jr., Director
Office of Code Compliance

Updated Erosion and Sedimentation Control Plan becomes null and void on:

7-12-89

ATTACHMENT FOR RENEWAL OF

LAND DISTURBING PERMIT

NO. 89-2

Renewal of E&S plan requested by:

Renewal Reviewed By:

Darryl E. Cook

Renewal Date:

6-21-89

Renewal Approved By:

Bernard M. Farmer, Jr., Administrator
Erosion and Sediment Control Ordinance

Updated erosion and sedimentation control plan becomes null and void on: 1-12-90

Renewal of E&S Plan Requested By:

Renewal Reviewed By:

Darryl E. Cook

Renewal Date:

~~12-12-89~~ 12-14-89

Renewal Approved By:

Bernard M. Farmer, Jr., Administrator
Erosion and Sediment Control Ordinance

Updated Erosion and Sedimentation Control Plan becomes null and void on: ~~12-21-90~~ 7-12-90

Renewal of E&S Plan Requested By:

Renewal Reviewed By:

Darryl E. Cook

Renewal Date:

7-5-90

Renewal Approved By:

Darryl E. Cook

Updated Erosion and Sedimentation Control Plan becomes null and void on: 1-12-91

ATTACHMENT FOR RENEWAL OF
LAND DISTURBING PERMIT
NO. 89-2

Renewal of E&S plan requested by:

Renewal Reviewed By:

Darryl E. Cook

Renewal Date:

1-7-91

Renewal Approved By:

Bernard M. Farmer, Jr., Administrator
Erosion and Sediment Control Ordinance

Updated erosion and sedimentation control plan becomes null and void on: 7-12-91

Renewal of E&S Plan Requested By:

Renewal Reviewed By:

Darryl E. Cook

Renewal Date:

6-7-91

Renewal Approved By:

Bernard M. Farmer, Jr., Administrator
Erosion and Sediment Control Ordinance

Updated Erosion and Sedimentation Control Plan becomes null and void on: 1-12-92

PEERLESS INSURANCE COMPANY
THE NETHERLANDS INSURANCE COMPANY

62 MAPLE AVENUE KEENE, NEW HAMPSHIRE 03431

376721

POWER OF ATTORNEY

This Power of Attorney is invalid for any instrument dated after March 1, 1990

KNOW ALL MEN BY THESE PRESENTS: That the Peerless Insurance Company and/or The Netherlands Insurance Company, each being a New Hampshire Corporation having its principal office in the City of Keene, County of Cheshire, State of New Hampshire do/does hereby make, constitute and appoint

A. Whitfield Smith, Jr. and/or Robert C. Moore, III and/or Susan M. Waymouth and/or Shirley E. Bickel and/or Donna M. Bisgrove

of Richmond in the State of Virginia their/its true and lawful attorney(s)-in-fact, with full power and authority hereby conferred in their/its name, place and stead, to sign, execute, acknowledge and deliver in their/its behalf, and as their/its act and deed, without power of redelegation, as follows:

bonds guaranteeing the fidelity of persons holding places of public or private trust; guaranteeing the performance of contracts other than insurance policies; and executing or guaranteeing bonds and undertakings required or permitted in all actions or proceedings or by law allowed:

and to bind the Company(ies) making this appointment thereby as fully and to the same extent as if such bond or undertaking was signed by the duly authorized officers of the Company(ies), and all the acts of said attorney(s), pursuant to the authority herein given, are hereby ratified and confirmed.

AUTHORITY FOR MAKING APPOINTMENT OF ATTORNEYS-IN-FACT

Appointment of Attorneys-in-Fact by the Peerless Insurance Company are made pursuant to the following Bylaw adopted by the Stockholders of the Company on November 12, 1982, to wit:

SECTION 7 of ARTICLE 3. – The President may appoint Attorneys-in-Fact, Resident Vice Presidents and Resident Assistant Secretaries and assign to them such duties as may be advantageous to the Company including the execution and attestation of bonds, undertakings, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof and other documents on behalf of the Company with power to redelegate such authority.

Appointment of Attorneys-in-Fact by The Netherlands Insurance Company are made pursuant to the following Resolution adopted by the Stockholders of the Company on May 7, 1979, to wit:

RESOLUTION – The President may appoint Attorneys-in-Fact, Resident Vice Presidents and Resident Secretaries and assign to them such duties as may be advantageous to the Company including the execution and attestation of bonds, undertakings, recognizances, contracts of indemnity, and all other writings obligatory in the nature thereof and other documents on behalf of the Company with power to redelegate such authority.

USE OF FACSIMILE SIGNATURES

Use of facsimile signatures by the Peerless Insurance Company is made pursuant to the following Resolution adopted by the Board of Directors of the Company at its meeting held on the 14th day of December, 1972:

"**RESOLVED**, that, the signatures of the President, Secretary, Treasurer, Vice President, Assistant Vice President, and Assistant Secretary may be affixed to any such Power of Attorney or any certified copy thereof or any certification relating thereto, by facsimile and any such Power of Attorney or any certified copy thereof, or any certification relating thereto bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Corporation in the future with respect to any bonds, undertakings, recognizances or contracts of indemnity to which it is attached."

Use of facsimile signatures by The Netherlands Insurance Company is made pursuant to the following Resolution adopted by the Board of Directors of the Company at its meeting held on the 7th day of May, 1979.

"**RESOLVED**, that, the signatures of the President, Secretary, Treasurer, Vice President, Assistant Vice President, and Assistant Secretary may be affixed to any such Power of Attorney or any certified copy thereof or any certification relating thereto, by facsimile and any such Power of Attorney or any certified copy thereof, or any certification relating thereto bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Corporation in the future with respect to any bonds, undertakings, recognizances or contracts of indemnity to which it is attached."

COMPANY MAKING APPOINTMENT

The Company making this appointment is identified by an "X" in the box opposite its name in the space provided below and in the "In Witness Whereof" clause signifying the date of execution of this instrument:

X PEERLESS INSURANCE COMPANY

_____ THE NETHERLANDS INSURANCE COMPANY

CERTIFIED COPY

Form PS-97-E-391-600

SINGLE OR DUAL POWER OF ATTORNEY

It is the intent of the Peerless Insurance Company and The Netherlands Insurance Company to use this instrument for the appointment of Attorney(s)-in-Fact for either Company designated, or for both Companies, if so indicated.

In Witness Whereof

X PEERLESS INSURANCE COMPANY

_____ THE NETHERLANDS INSURANCE COMPANY

has/have caused these presents to be signed by its President, and its Corporate Seal to be hereto affixed by its Secretary this 24th day of March 19 88.

PEERLESS INSURANCE COMPANY — PEERLESS INSURANCE COMPANY 1901 KEENE N.H.

By: Burton D. Reed Jr.
President

Attest: Joseph P. Tracey
Secretary

THE NETHERLANDS INSURANCE COMPANY — THE NETHERLANDS INSURANCE COMPANY 1978 NEW HAMPSHIRE

By: Burton D. Reed Jr.
President

Attest: Joseph P. Tracey
Secretary

STATE OF NEW HAMPSHIRE
COUNTY OF CHESHIRE } ss.

On this 24th day of March, 19 88, before the subscriber, a Notary Public of the State of New Hampshire in and for the County of Cheshire duly commissioned and qualified came Burton D. Reed, Jr., President, and Joseph P. Tracey, Secretary of the Peerless Insurance Company and of The Netherlands Insurance Company, to me being personally known to be the individuals and officers described herein and who executed the preceding instrument and they acknowledged the execution of same, and being by me duly sworn, deposed and said that they are officers of said Company(ies) aforesaid and that the seal(s) affixed to the preceding instrument is/are the Corporate Seal(s) of said Company(ies) and the said Corporate Seal(s) and their signatures as officers were duly affixed and subscribed to the said instrument by the authority and direction of the said Company(ies) and that Section 7 of Article 3 of the Bylaws of the Peerless Insurance Company adopted on November 12, 1982 and the Resolution of The Netherlands Insurance Company adopted May 7, 1979 referred to in the preceding instrument are now in force.

In Testimony Whereof, I have hereunto set my hand and affixed my Official Seal at Keene, New Hampshire.

Anita M. Stone
Notary Public

ANITA M. STONE NOTARY PUBLIC NEW HAMPSHIRE

My Commission Expires
November 20, 1990

I, Joseph P. Tracey, Secretary of the Peerless Insurance Company and The Netherlands Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of Power of Attorney executed by the Company(ies) designated above which is still in force and effect.

In witness whereof, I have hereunto set my hand and affixed the Seal(s) of the Company(ies), at Keene, New Hampshire, this 12th day of July 19 88.

Joseph P. Tracey
Joseph P. Tracey
Secretary

PEERLESS INSURANCE COMPANY 1901 KEENE N.H.

THE NETHERLANDS INSURANCE COMPANY 1978 NEW HAMPSHIRE

PLAN REVIEW COMMENTS
LAFAYETTE FAMILY/ELDERLY APARTMENTS DEC
SITE PLAN NO. SP-17-88

1. A Land Disturbing Permit and Siltation Agreement, with surety, are required for this project.

2. Apply CRS (Construction Roads Stabilization) to all streets immediately upon reaching final grade. Provide the CRS symbol on the proposed streets.

3. Provide inlet protection for all storm drains.

4. Provide drainage calculations to verify that the streets are designed in accordance with VDOT Standards for gutter spread and inlet spacing.

5. Provide silt fence on the downslope side of Lafayette Boulevard from the beginning of construction to the beginning of the existing 12-foot wide asphalt road (approximately Station 12+00).

6. Provide silt fence at the bottom of the slope on the upstream side of the proposed fill that begins at approximately Station 12+75.

7. Provide some means of filtering the water that flows through the dewatering inlet for the riser that is to be placed over the existing 12-inch pipe under the existing 12-foot asphalt road (See Sheet 5).

8. Relocate the silt fence shown behind Buildings 15 and 16 to the downslope side of the proposed 12-inch pipe at the limit of clearing.

9. Provide additional silt fence behind Buildings 18 through 21 on the down slope side of the proposed nature trail beginning at approximately 20 feet to the south of drainage structure SS-8 and extending approximately 300 feet northward.

10. The temporary dry pond shown on Sheet 5 must have a pipe outlet. A gravel outlet structure is allowable only for traps with less than for five acres of drainage area. Based on a field inspection, it appears that the slope in the vicinity of this basin becomes less severe closer to the Longhill Swamp. Therefore, the basin should be relocated further downslope and a correctly sized basin installed.

11. Identify the topsoil stockpile area on the plan, because there is limited flat space available for its location.

12. Provide EC-2 on the slope behind Building 17. Also provide it on the slope behind Buildings 12B through 14B and behind Buildings 9B to 11B.

13. Specify that the slope for the permanent diversion dikes shall be a minimum of one half percent and a maximum of two percent.

14. The land disturbing permit will not be issued for the entire project at one time. The project shall be broken up into two to four phases to provide for better erosion control.

15. The Contractor shall submit a narrative plan detailing the sequence of construction for this project including installation of erosion control measures. The plan shall be submitted prior to issuance of any Land Disturbing Permits for this project.

DEC/jw
3827c

"Lafayette Family and Elderly"

	July 18-22	25-29	Aug. 1-5	8-12	15-19	22-26	Aug.-Sept. 29 - 2	5-9	12-16	19-23	26-30	Oct. 3-7	10-14	17-21	24-28	Oct.-Nov. 31 - 4	7-11	14-18	21-25	Nov.-Dec 28 - 2
Log Site																				
Erosion Control													Plus	Regular		Maintenance				
Clear																				
Strip Topsoil																				
Sanitary Sewer																				
Rough Grading																				
Storm Sewer Pipes																				
Storm Sewer Structures																				
Water																				
Curb & Gutter																				
Stone Base																				
Asphalt																				

Proposed Schedule

PC038_WILLIAMSBURG_LAFAYETTE_VILLAGE_FAMILY_ELDERLY - 092

BOND COMPUTATIONS

NAME OF SUBDIVISION: LAFAYETTE FAMILY + LAFAYETTE ELDERLY

SECTION: _____

OWNER/DEVELOPER: LAFAYETTE FAMILY + LAFAYETTE ELDERLY LTD. PARTNERSHIP

ENGINEER: AES

SUBDIVISION BOND AMOUNT: $_____

ESTIMATES (September 1987)

1. Street Construction and Sidewalks $ _____

2. Drainage _____

3. Utilities:

   a. Electrical Service _____
   b. Water _____
   c. Sewer _____

4. Streetlights _____

5. Street Signs _____

Total Subdivision Bond $ _____

EROSION AND SEDIMENT CONTROL BOND AMOUNT $ 144,165

SUBDIVISION BOND ESTIMATE

I. STREET CONSTRUCTION & SIDEWALKS (see Note 1, Page 5):

No.	Item	Unit	Unit Cost	Estimated Quantity	Estimated Cost
1.	Clearing and Grubbing	Acre	$3,000.00	_____	$_____
2.	Stripping Topsoil	CY	5.00	_____	_____
3.	Grade & Shape 20' Typical Road Section	LF	9.00	_____	_____
4.	Grade & Shape 22' Typical Road Section	LF	11.00	_____	_____
5.	VDOT Type 21-A Aggregate	Inch/SY	.75	_____	_____
6.	VDOT B-3 Asphalt Base	Inch/SY	1.75	_____	_____
7.	VDOT S-5 Asphalt Surface	Inch/SY	2.20	_____	_____
8.	VDOT Prime/Double Seal Surface Trt.	SY	3.50	_____	_____
9.	VDOT No. 1 Stone	Ton	15.00	_____	_____
10.	Paved Ditch (PG-2A)	LF	20.00	_____	_____
11.	Paved Ditch (PG-2E)	SY	35.00	_____	_____
12.	STD. Comb. Curb & Gutter (CG-6)	LF	10.00	_____	_____
13.	Radial Comb. Curb & Gutter (CG-6)	LF	12.00	_____	_____
14.	Topsoil/Fine Grading/ Seeding	Acre	5,000.00	_____	_____
15.	Sidewalks (4" Concrete)				
	a. 4' width	LF	10.00	_____	_____
	b. 5' width	LF	12.50	_____	_____

Total $_____

Page Total $_____

II. DRAINAGE:

No.		Item	Unit	Unit Cost	Estimated Quantity	Estimated Cost
1.	a.	12" CL.3 RCP	LF	$ 15.00	_____	$_____
	b.	12" CMP (coated)	LF	12.00	_____	_____
2.	a.	15" CL.3 RCP	LF	20.00	_____	_____
	b.	15" CMP (coated)	LF	16.00	_____	_____
3.	a.	18" CL.3 RCP	LF	25.00	_____	_____
	b.	18" CMP (coated)	LF	20.00	_____	_____
4.	a.	24" CL.3 RCP	LF	33.00	_____	_____
	b.	24" CMP (coated)	LF	26.00	_____	_____
5.	a.	30" CL.3 RCP	LF	42.00	_____	_____
	b.	30" CMP (coated)	LF	31.00	_____	_____
6.	a.	42" CL.3 RCP	LF	59.00	_____	_____
	b.	42" CMP (coated)	LF	47.00	_____	_____
7.		15" Flared End Section (ES-1)	EA	235.00	_____	_____
8.		18" Flared End Section (ES-1)	EA	285.00	_____	_____
9.		24" Flared End Section	EA	330.00	_____	_____
10.		Manhole W/Casting & Top (4'ID)	EA	1,050.00	_____	_____
11.		Manhole W/Casting & Top (6'ID)	EA	1,200.00	_____	_____
12.		Curb Drop Inlet W/Top	EA	1,000.00	_____	_____
13.		Yard Drain	EA	1,000.00	_____	_____

Total $_____

III. UTILITIES:

No.	Item	Unit	Unit Cost	Estimated Quantity	Estimated Cost
1.	Virginia Power - Electric	Lot	$ 52.00	_____	$_____
2.	C & P Telephone	No Charge			
3.	Cable TV	No Charge			
4.	Virginia Natural Gas	No Charge			

Total $_____

Page Total $_____

No.	Item	Unit	Unit Cost	Estimated Quantity	Estimated Cost
5.	Water:				
a.	4" Pipe	LF	$ 11.35	_____	$_____
b.	6" Pipe	LF	13.50	_____	_____
c.	8" Pipe	LF	15.50	_____	_____
d.	12" Pipe	LF	21.75	_____	_____
e.	4" Valve	EA	330.00	_____	_____
f.	6" Valve	EA	425.00	_____	_____
g.	8" Valve	EA	525.00	_____	_____
h.	12" Valve	EA	850.00	_____	_____
i.	Service Connections	EA	375.00	_____	_____
j.	Fittings	EA	250.00	_____	_____
k.	Hydrants	EA	1,275.00	_____	_____
l.	Tees	EA	325.00	_____	_____
m.	Jack & Bore	LF	125.00	_____	_____
				Water - Subtotal	$_____
6.	Sewer:				
a.	2" Force Main	LF	7.00	_____	$_____
b.	4" Force Main	LF	11.25	_____	_____
c.	6" Pipe, Gravity	LF	15.25	_____	_____
d.	8" Pipe, Gravity	LF	21.75	_____	_____
e.	12" Pipe, Gravity	LF	29.50	_____	_____
f.	Service Laterals	EA	450.00	_____	_____
g.	Grinder Pump	EA	400.00	_____	_____
h.	Manhole	EA	1,050.00	_____	_____
i.	Manhole, Extra Depth	VF	75.00	_____	_____
j.	Jack & Bore	LF	125.00	_____	_____
				Sewer - Subtotal	$_____
				Total	$_____

IV. STREETLIGHTS (5,000 Lumen (70w) Sodium Vapor, 18-foot Pole with Colonial Head):

No.	Item	Unit	Unit Cost	Estimated Quantity	Estimated Cost
1.	Streetlight Installation	EA	$ 750.00	_____	$_____
2.	Streetlight, Annual Rent	EA	102.48	_____	_____
				Total	$_____
				Page Total	$_____

V. STREET SIGNS (Includes Post, Cap, Crosspiece, Signs, Freight and Installation):

No.	Item	Unit	Unit Cost	Estimated Quantity	Estimated Cost
1.	Street Sign - Installed	EA	$ 100.00	_____	$_____
				Page 4 Total	_____
				Page 3 Total	_____
				Page 2 Total	_____
				Grand Total	$_____

Note 1:

a.	Street construction complete, including street drainage. (20' typical road section based on 1985 Grove Subdivision Bids adjusted to 1987.)	LF	$ 87.00	_____	$_____
b.	Street construction complete, including street drainage. (22' typical road section based on 1985 Grove Subdivision Bids adjusted to 1987.)	LF	92.00	_____	_____

EROSION AND SEDIMENT CONTROL BOND ESTIMATE

No.	Item	Unit	Unit Cost	Estimated Quantity	Estimated Cost
1.	a. Construction Entrance	EA	$ 500.00	2	$ 1000.00
	b. Road Stabilization	Inch/SY	.75		62,718.00
	2.9 AC = 13,937 SY x .75 = 10,453.00/inch x 6" =				
2.	Straw Bale Barrier	LF	7.00		
3.	Silt Fence	LF	7.00	2780 L.F.	19,460.00
4.	Storm Drain Inlet Protection				
	a. Straw Bale Filter	Inlet	53.00	20	1060.00
	b. Filter Fabric & Mesh Wire	Inlet	37.00		
	c. Gravel & Filter Fabric	Inlet	37.00		
	d. Block & Gravel	Inlet	31.00		
	e. Excavated Drop Inlet	CY	4.70		
	f. Gravel Curb Inlet	Inlet	25.00		
	g. Block & Gravel Curb Inlet	Inlet	25.00		
5.	Temporary Diversion Dike	LF	2.35	440 L.F.	1,034.00
6.	Temporary Fill Diversion	LF	.47		
7.	Temporary Right-of-Way Diversion				
	a. Stone	LF	2.35		
	b. Earthen	LF	2.35		
8.	Diversion	LF	11.70		
9.	Temporary Sediment Trap				
	a. No Excavation Required	LF	11.70	120.	1404.00
	b. Excavation Required	CY	7.00		
	c. Stone filter	LF	10.00		
10.	Temporary Sediment Basin			804 CY	5628.00
	a. Earthwork	CY	7.00	663 CY	4641.00
	b. Outlet Structure (18" Barrel/24" Riser)	EA	1,265.00	1	1265.00

Page Total $ 98,210.00

No.	Item	Unit	Unit Cost	Estimated Quantity	Estimated Cost
11.	Temporary Slope Drain	LF	$ 5.25		$
12.	Paved Flume	LF	20.00	280LF	5600.00
13.	Stormwater Conveyance Channel				
	a. Grass lined - Seeded	SY	5.85		
	b. Grass lined - Sodded	SY	11.70		
	c. Riprap	SY	41.00		
	d. Concrete/Bit. Concrete	SY	35.10		
	e. Filter Fabric	SY	10.00		
14.	Outlet Protection				
	a. Non-Grouted Riprap	SY	41.00	214 S.Y.	8774
	b. Grouted Riprap	SY	52.65		
	c. Concrete	SY	35.10		
15.	Rock Check Dams				
	a. No. 1 Stone	CY	27.00	3	81.00
	b. Riprap	CY	75.00		
16.	Structural Protection				
	a. Gabions	CY	70.20		
	b. Grid Pavers	SY	52.65		
17.	Temporary Stream Crossing				
	a. 12-24" Pipe Diameter	LF	31.60		
	b. 29-48" Pipe Diameter	LF	63.20		
	c. 48-72" Pipe Diameter	LF	105.30		
	d. 72-96" Pipe Diameter	LF	147.40		
18.	Surface Stabilization				
	a. Temporary Mulching	Acre	1,000.00		
	b. Permanent topsoil, seed, fertilizer, lime and mulch	Acre	5,000.00	6.3 Ac	31,500.00
	c. Crimping/tacking	Acre	1,200.00		
	d. Hydroseeding	Acre	2,000.00		

Total $45,955

Page 6 Total 98,210

Grand Total $144,165

RE/bkh
3360c